

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114256.D
 Acq On : 14 May 2019 16:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 15 02:02:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	245990	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	981079	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	456674	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	893179	20.00	ng	0.01
76) Chrysene-d12	14.03	240	625556	20.00	ng	0.00
87) Perylene-d12	15.52	264	624521	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1185444	77.55	ng	0.00
7) Phenol-d6	6.50	99	1488443	82.33	ng	0.01
23) Nitrobenzene-d5	7.42	82	1435171	82.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	358450	75.92	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2306354	76.39	ng	0.00
79) Terphenyl-d14	12.96	244	2264492	74.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	306303	36.456	ng	98
3) Pyridine	3.39	79	865468	37.386	ng	96
4) n-Nitrosodimethylamine	3.34	42	414756	37.154	ng	91
6) Aniline	6.52	93	1010329	38.687	ng	# 57
8) 2-Chlorophenol	6.65	128	673640	41.281	ng	95
9) Benzaldehyde	6.40	77	494800	39.094	ng	99
10) Phenol	6.52	94	842985	39.637	ng	# 70
11) bis(2-Chloroethyl)ether	6.59	93	687319	42.569	ng	97
12) 1,3-Dichlorobenzene	6.80	146	740211	40.410	ng	98
13) 1,4-Dichlorobenzene	6.87	146	744208	40.318	ng	98
14) 1,2-Dichlorobenzene	7.03	146	680368	40.345	ng	98
15) Benzyl Alcohol	7.00	79	580035	41.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1247442	39.846	ng	87
17) 2-Methylphenol	7.12	107	541494	40.395	ng	# 92
18) Hexachloroethane	7.37	117	282996	40.845	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	462466	40.357	ng	99
20) 3+4-Methylphenols	7.27	107	671522	43.358	ng	# 65
22) Acetophenone	7.26	105	901052	41.458	ng	# 91
24) Nitrobenzene	7.44	77	741352	41.637	ng	98
25) Isophorone	7.67	82	1292820	39.875	ng	99
26) 2-Nitrophenol	7.76	139	372919	43.169	ng	99
27) 2,4-Dimethylphenol	7.80	122	536392	39.535	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	873036	41.501	ng	99
29) 2,4-Dichlorophenol	8.00	162	552958	40.930	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	611177	39.783	ng	98
31) Naphthalene	8.16	128	1877563	40.970	ng	99
32) Benzoic acid	7.93	122	284344	32.114	ng	99
33) 4-Chloroaniline	8.21	127	881973	42.233	ng	99
34) Hexachlorobutadiene	8.27	225	348139	39.828	ng	97
35) Caprolactam	8.59	113	202018	45.858	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	577262	42.449	ng	97
37) 2-Methylnaphthalene	8.85	142	1223322	41.374	ng	99
38) 1-Methylnaphthalene	8.95	142	1162722	41.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	562591	40.668	ng	100

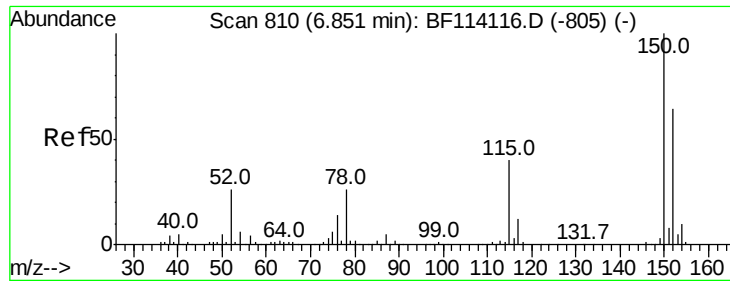
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114256.D
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 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	212943	35.579	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	382432	40.192	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	400096	41.001	nq	96
46) 1,1'-Biphenyl	9.32	154	1479772	40.110	nq	100
47) 2-Chloronaphthalene	9.34	162	1187049	39.980	nq	99
48) 2-Nitroaniline	9.44	65	451817	42.908	nq	97
49) Acenaphthylene	9.76	152	1817636	40.250	nq	99
50) Dimethylphthalate	9.61	163	1363260	40.665	nq	99
51) 2,6-Dinitrotoluene	9.68	165	306524	41.224	nq	# 86
52) Acenaphthene	9.93	154	1080266	38.983	nq	99
53) 3-Nitroaniline	9.85	138	392020	42.472	nq	98
54) 2,4-Dinitrophenol	9.96	184	127709	38.022	nq	97
55) Dibenzofuran	10.10	168	1568399	38.598	nq	98
56) 4-Nitrophenol	10.03	139	241384	36.980	nq	90
57) 2,4-Dinitrotoluene	10.09	165	398364	39.472	nq	94
58) Fluorene	10.44	166	1248891	39.791	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	311239	36.965	nq	100
60) Diethylphthalate	10.31	149	1318198	38.699	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	607271	39.394	nq	98
62) 4-Nitroaniline	10.47	138	405402	41.797	nq	94
63) Azobenzene	10.59	77	1306877	39.637	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	180060	41.954	nq	100
66) n-Nitrosodiphenylamine	10.55	169	1105875	40.795	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	391793	39.839	nq	96
68) Hexachlorobenzene	11.00	284	434987	39.983	nq	93
69) Atrazine	11.07	200	339476	40.242	nq	99
70) Pentachlorophenol	11.19	266	207326	40.201	nq	100
71) Phenanthrene	11.40	178	1782880	41.029	nq	99
72) Anthracene	11.46	178	1800555	41.254	nq	99
73) Carbazole	11.61	167	1750836	42.067	nq	99
74) Di-n-butylphthalate	11.93	149	2005061	41.815	nq	100
75) Fluoranthene	12.59	202	1905297	40.716	nq	97
77) Benzidine	12.71	184	891691	31.755	nq	97
78) Pyrene	12.82	202	1948707	38.724	nq	99
80) Butylbenzylphthalate	13.43	149	877813	41.443	nq	95
81) Benzo(a)anthracene	14.02	228	1680261	41.528	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	665003	42.368	nq	99
83) Chrysene	14.06	228	1623916	40.943	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1168215	42.170	nq	99
85) Di-n-octyl phthalate	14.62	149	1945519	43.323	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1447333	41.289	nq	99
88) Benzo(b)fluoranthene	15.09	252	1691377	42.273	nq	99
89) Benzo(k)fluoranthene	15.12	252	1483082	40.352	nq	100
90) Benzo(a)pyrene	15.46	252	1481293	42.067	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	1181114	40.366	nq	98
92) Benzo(g,h,i)perylene	17.46	276	1165799	39.757	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

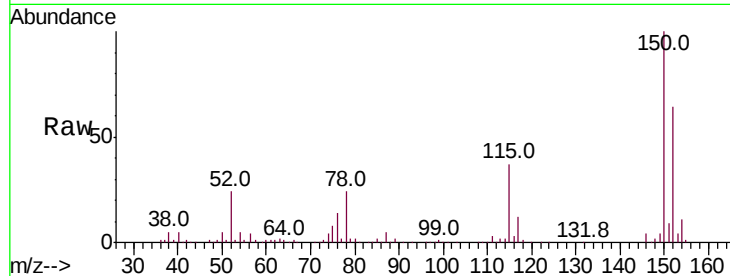


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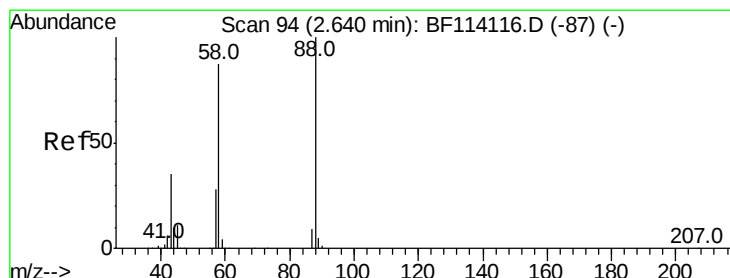
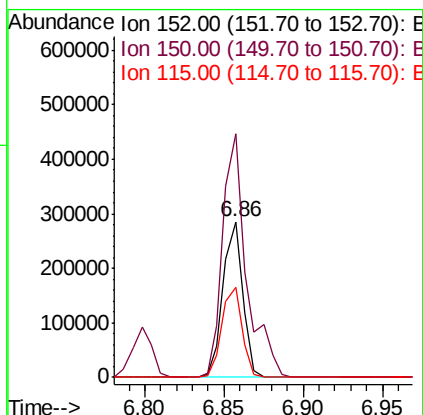
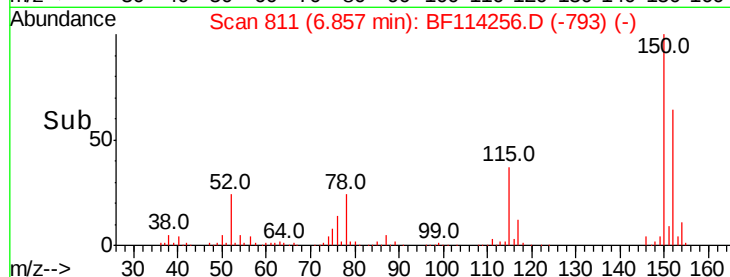
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 245990
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 58.2 49.1 73.7



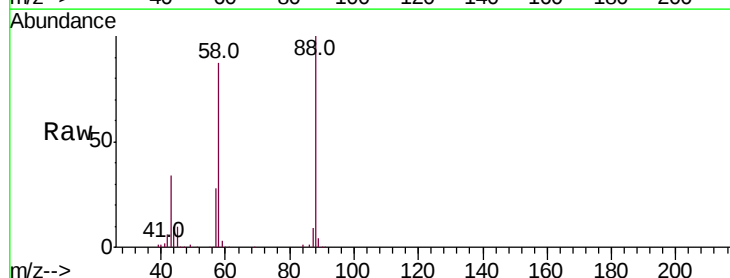
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



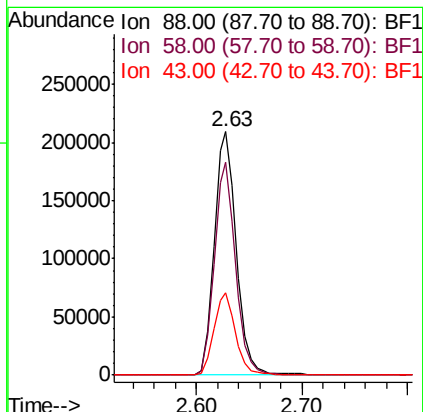
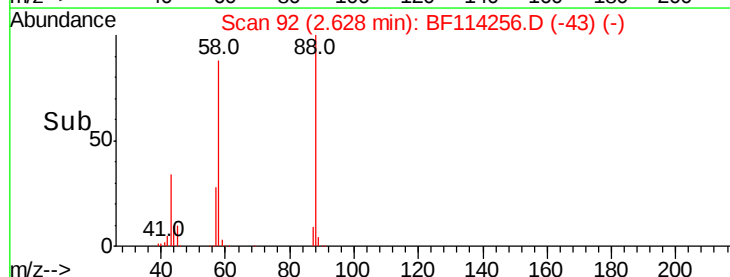
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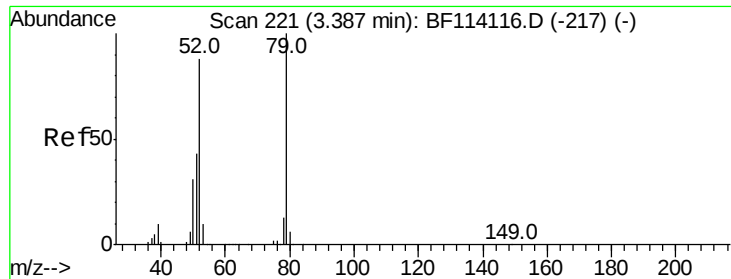
1,4-Dioxane
Concen: 36.456 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion: 88 Resp: 306303
Ion Ratio Lower Upper
88 100
58 84.2 68.7 103.1
43 33.5 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.386 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

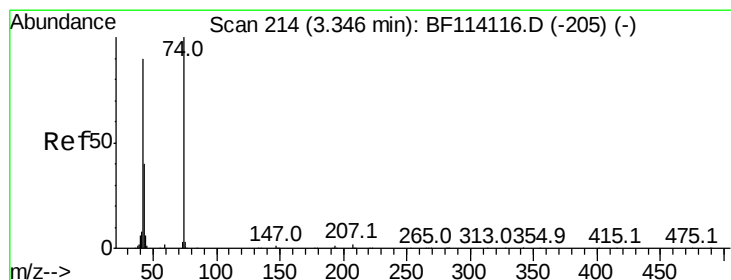
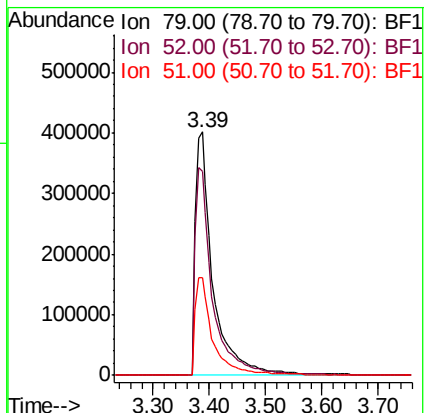
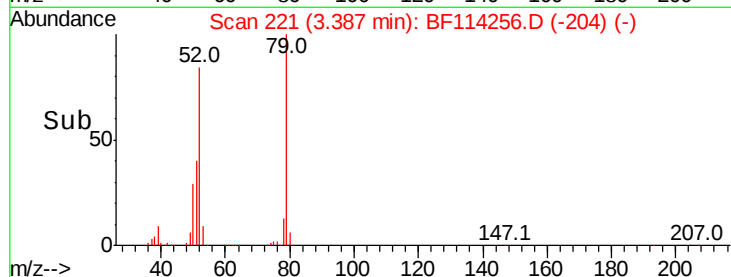
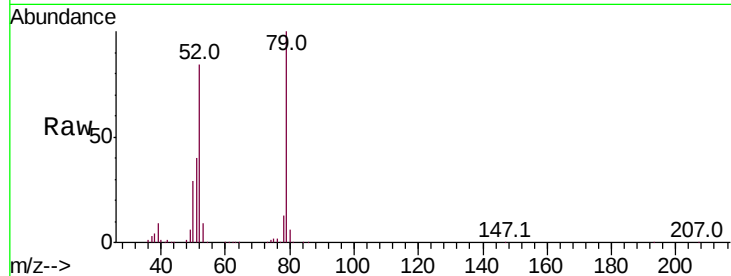
Tot Ion: 79 Resp: 865468

Ion Ratio Lower Upper

79 100

52 83.9 70.6 105.8

51 40.1 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 37.154 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

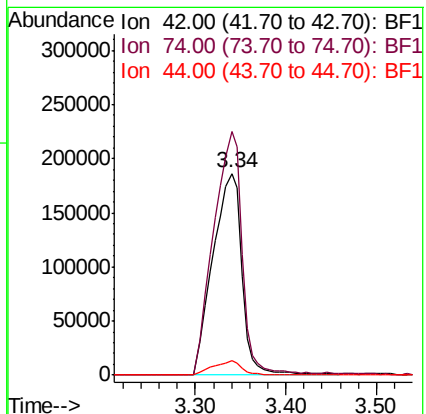
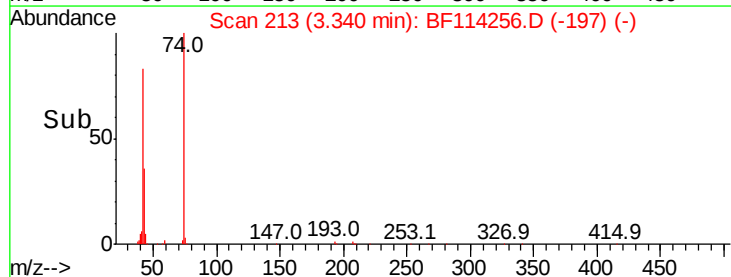
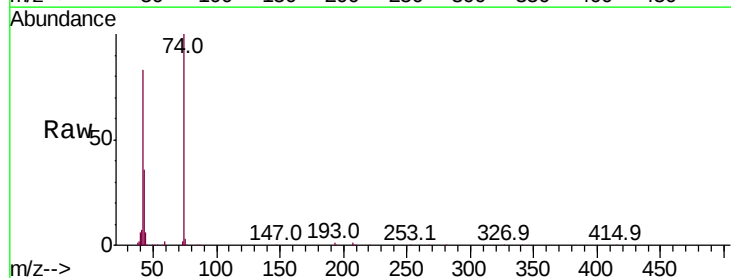
Tgt Ion: 42 Resp: 414756

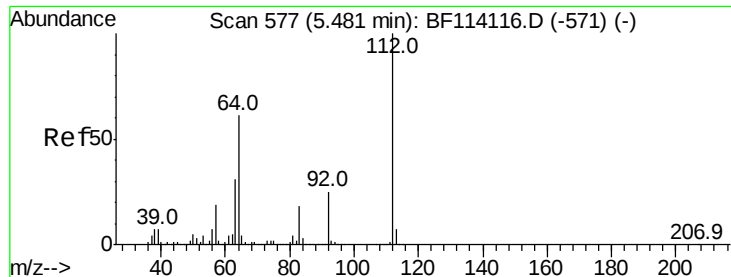
Ion Ratio Lower Upper

42 100

74 120.7 88.6 132.8

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 77.551 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

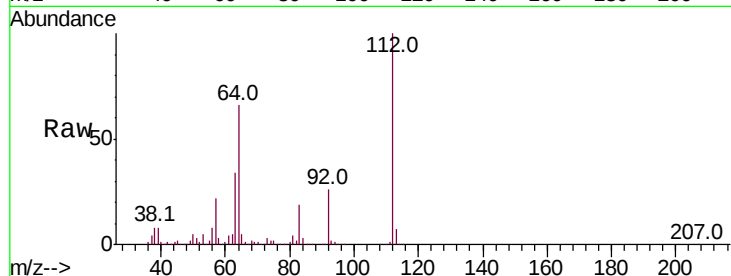
Tot Ion:112 Resp: 1185444

Ion Ratio Lower Upper

112 100

64 66.0 49.0 73.6

63 33.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

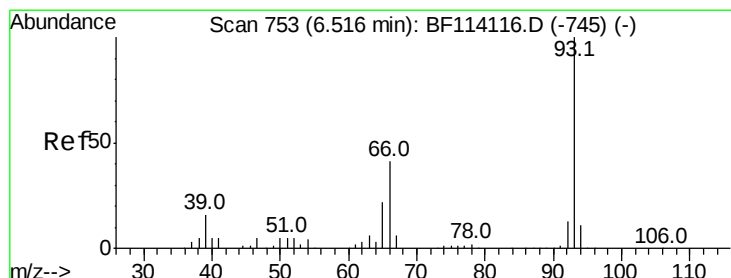
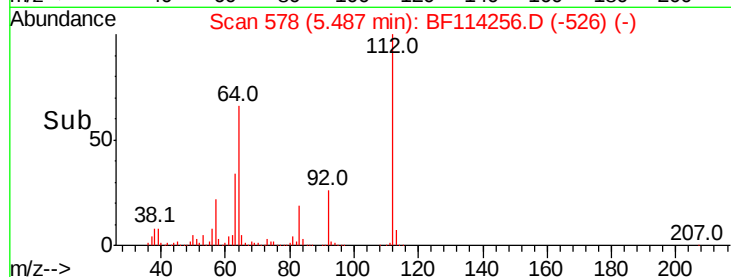
5.49

1000000

500000

0

Time-->



#6

Aniline

Concen: 38.687 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

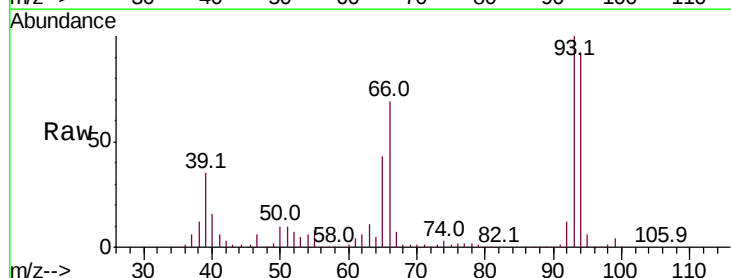
Tgt Ion: 93 Resp: 1010329

Ion Ratio Lower Upper

93 100

66 68.5 33.2 49.8#

65 43.0 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

1200000

1000000

800000

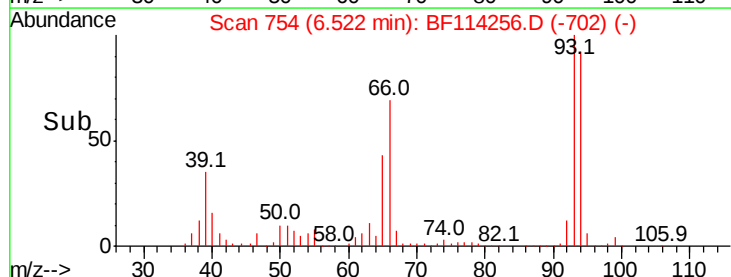
600000

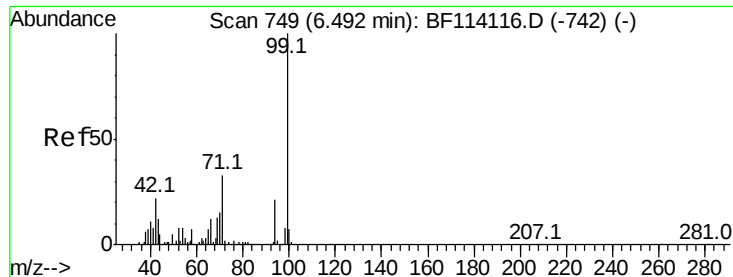
400000

200000

0

Time-->





#7

Phenol-d6

Concen: 82.329 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

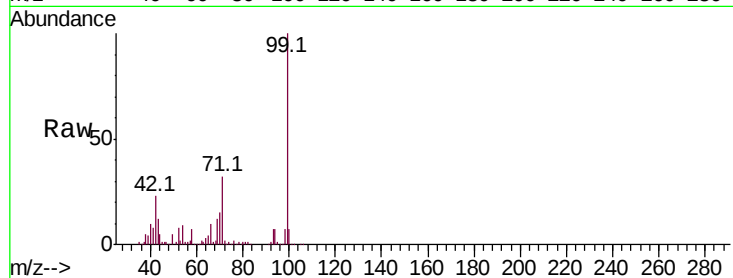
Tot Ion: 99 Resp: 1488443

Ion Ratio Lower Upper

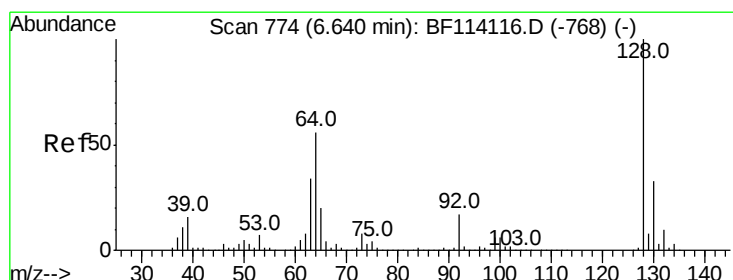
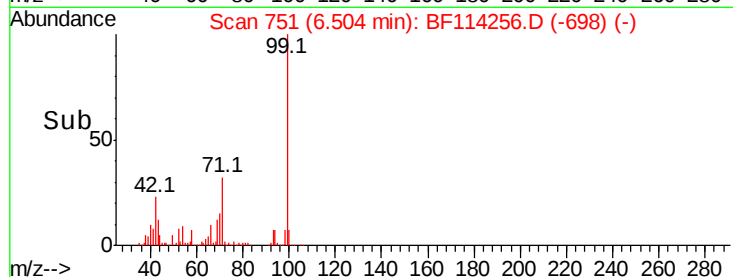
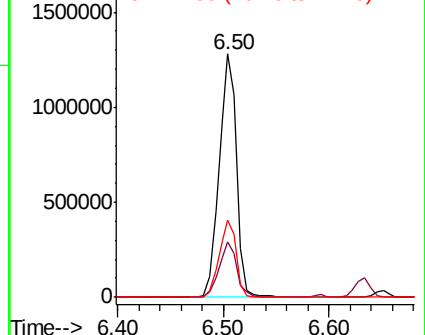
99 100

42 22.7 17.9 26.9

71 32.0 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.281 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

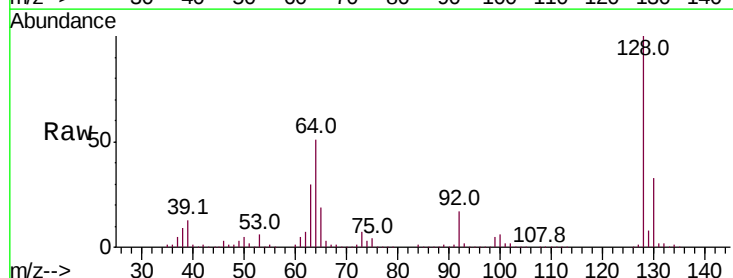
Tgt Ion: 128 Resp: 673640

Ion Ratio Lower Upper

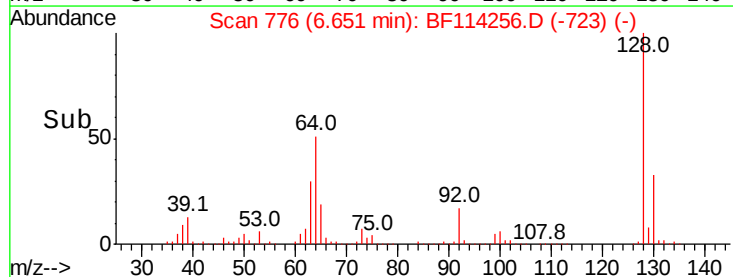
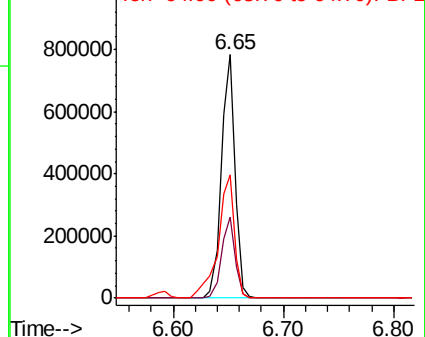
128 100

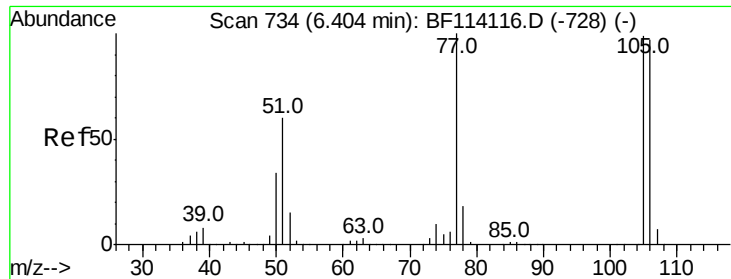
130 33.2 12.6 52.6

64 50.7 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

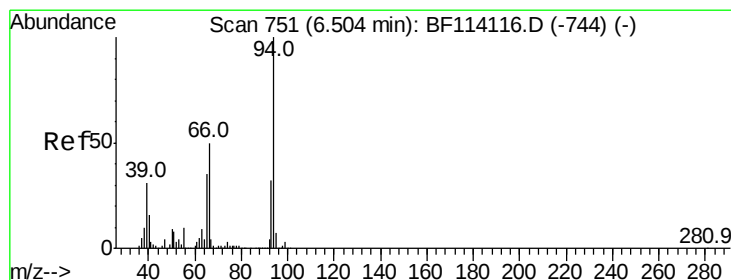
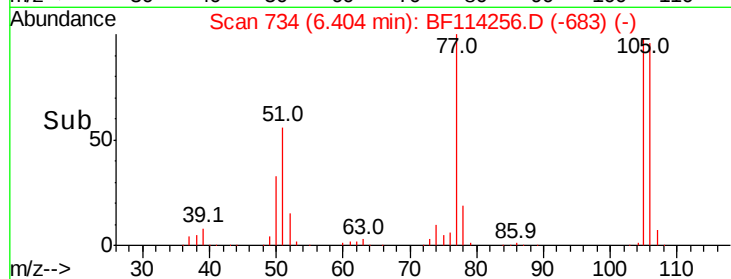
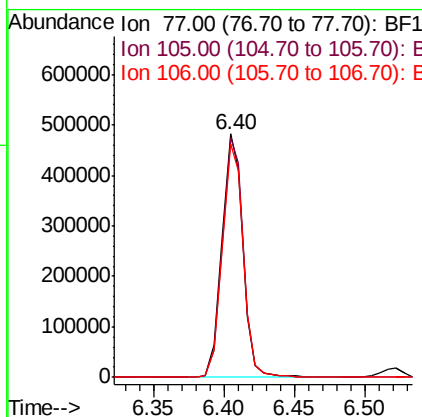
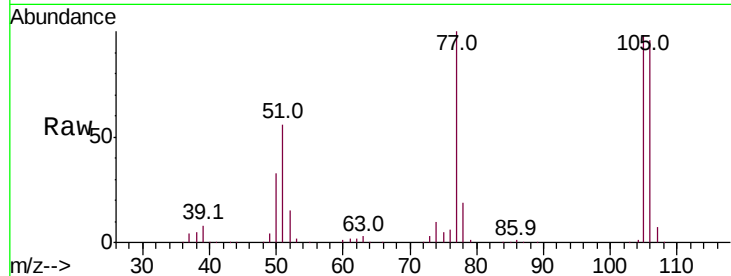




#9
Benzaldehyde
Concen: 39.094 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

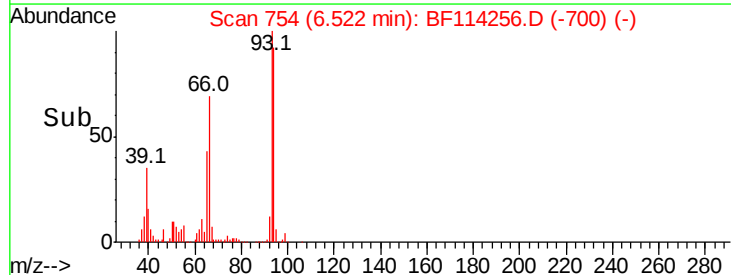
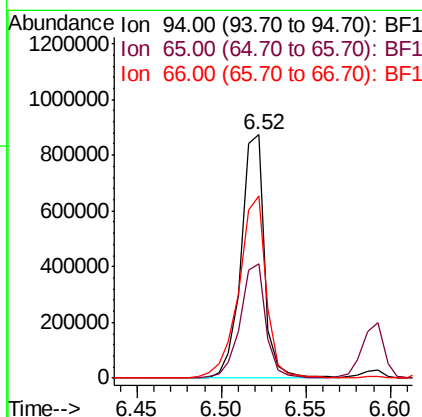
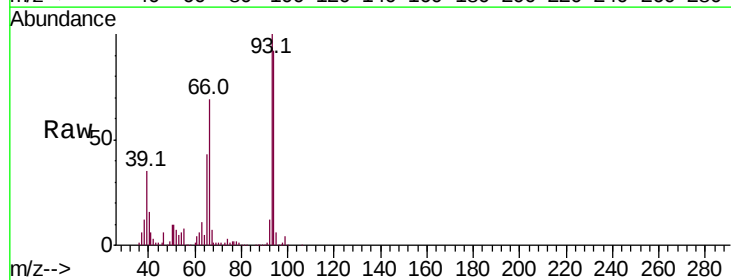
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

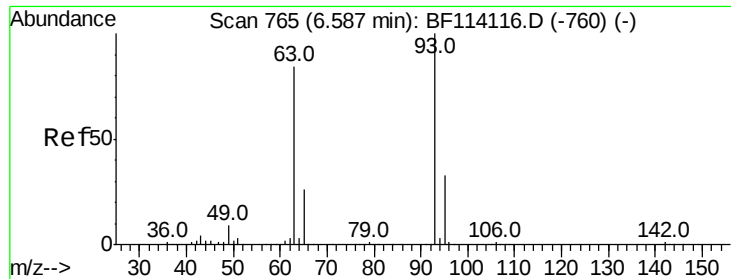
Tot Ion: 77 Resp: 494800
Ion Ratio Lower Upper
77 100
105 98.3 79.3 119.3
106 95.8 77.0 117.0



#10
Phenol
Concen: 39.637 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion: 94 Resp: 842985
Ion Ratio Lower Upper
94 100
65 46.9 14.7 54.7
66 74.8 29.6 69.6#





#11

bis(2-Chloroethyl)ether

Concen: 42.569 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

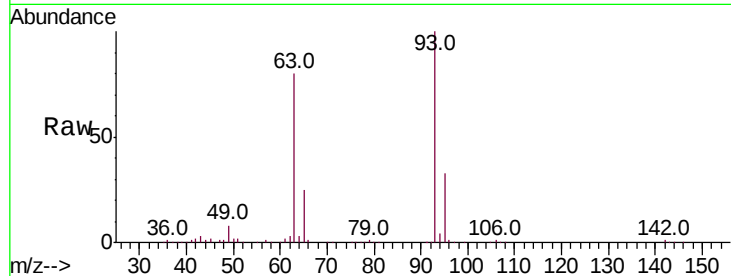
Tot Ion: 93 Resp: 687319

Ion Ratio Lower Upper

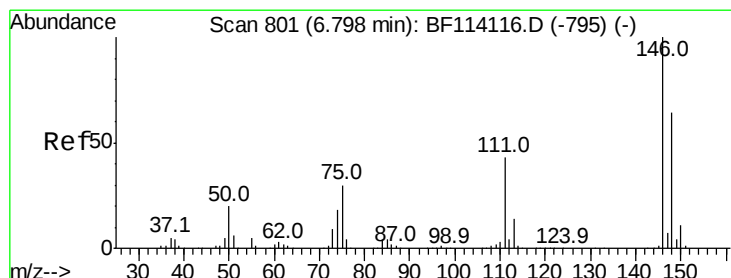
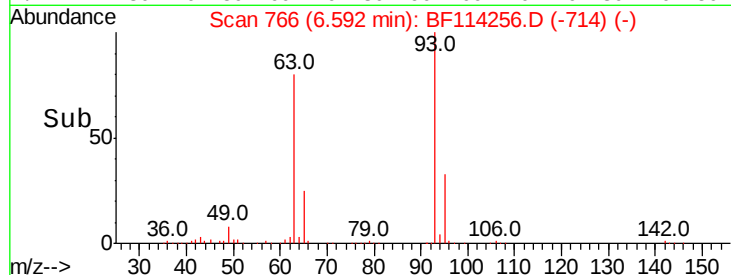
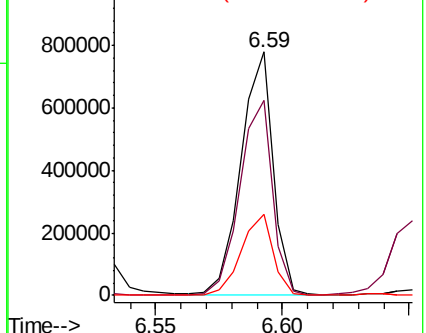
93 100

63 80.2 63.6 103.6

95 33.1 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.410 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

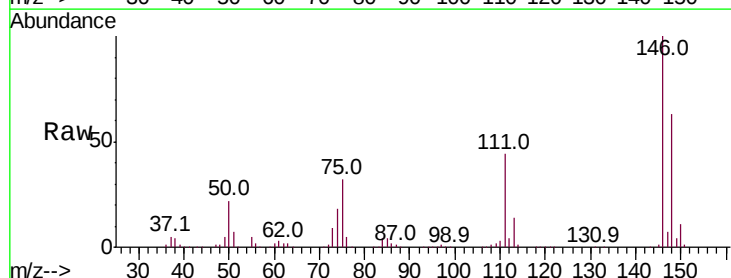
Tgt Ion: 146 Resp: 740211

Ion Ratio Lower Upper

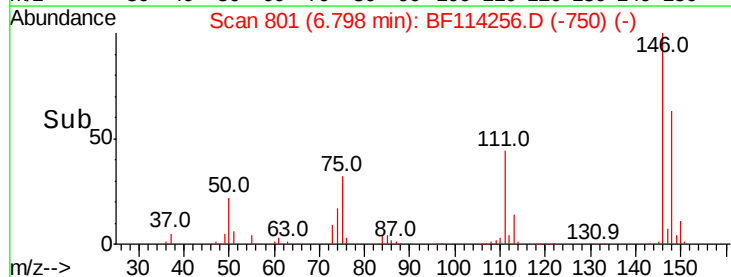
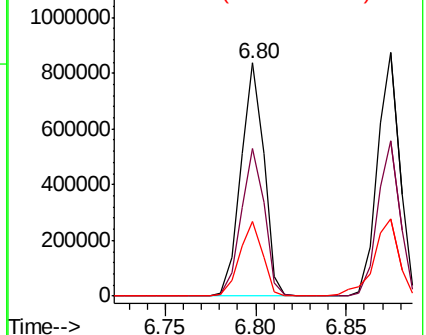
146 100

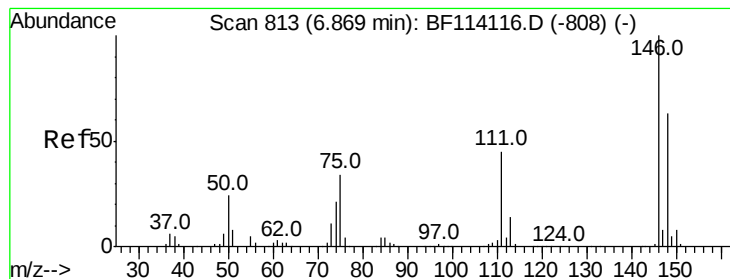
148 63.3 51.6 77.4

75 32.0 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.318 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

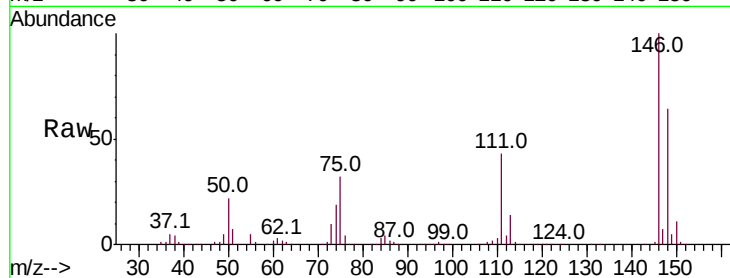
Tot Ion:146 Resp: 744208

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

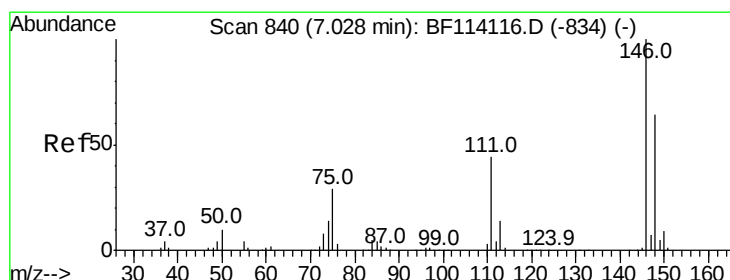
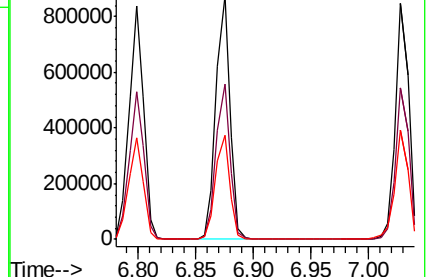
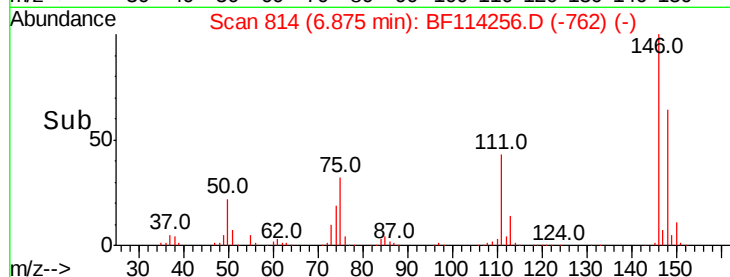
111 42.5 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.345 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

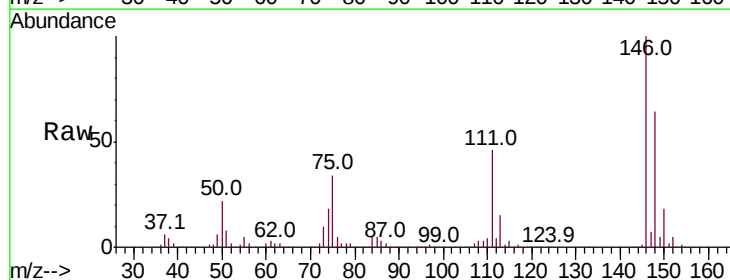
Tgt Ion:146 Resp: 680368

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

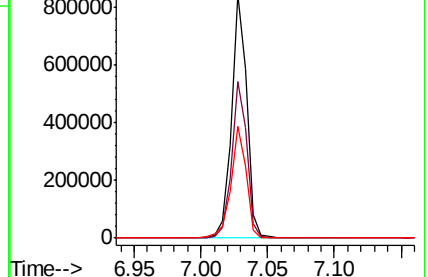
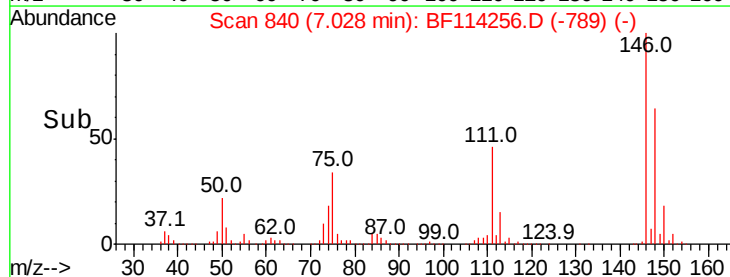
111 46.1 35.3 52.9

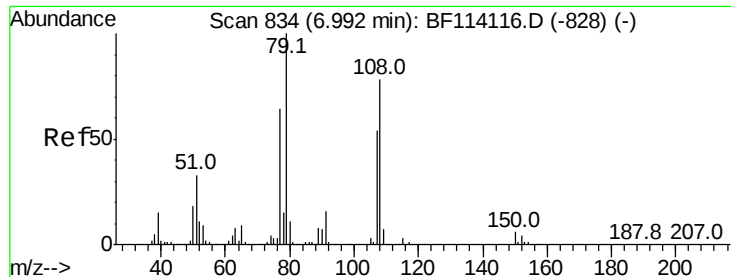


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.136 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

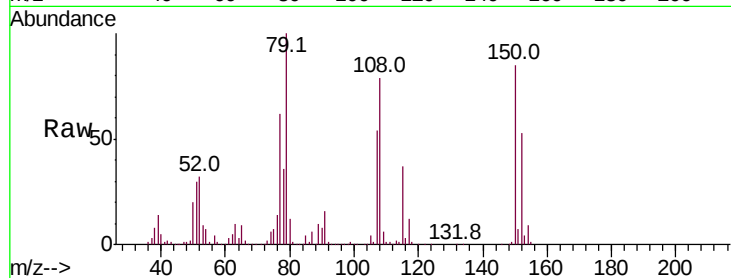
Tot Ion: 79 Resp: 580035

Ion Ratio Lower Upper

79 100

108 78.5 62.1 93.1

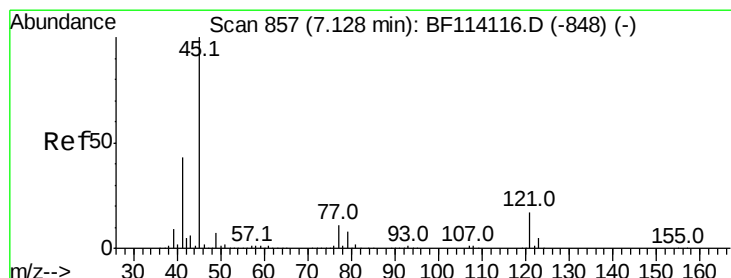
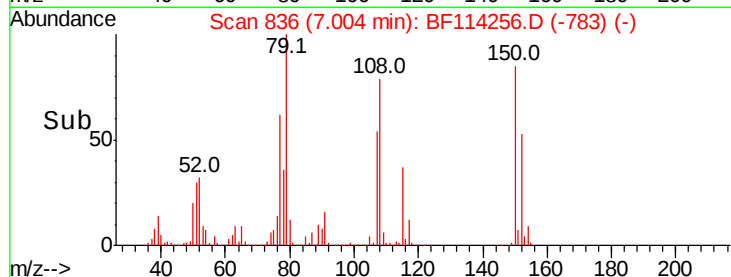
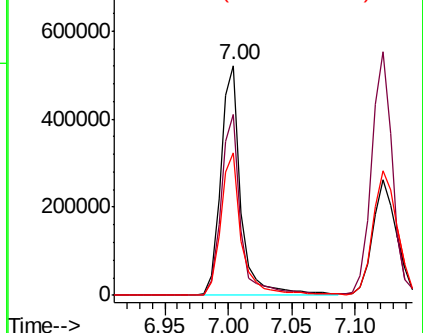
77 61.9 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.846 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

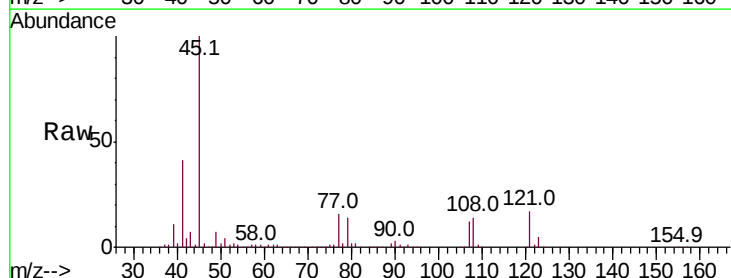
Tgt Ion: 45 Resp: 1247442

Ion Ratio Lower Upper

45 100

77 15.7 0.0 31.1

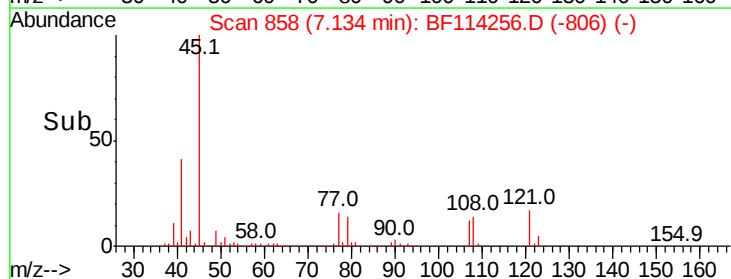
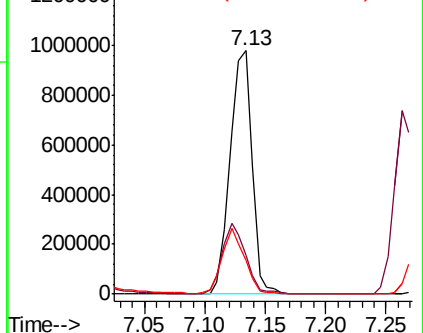
79 13.8 0.0 28.4

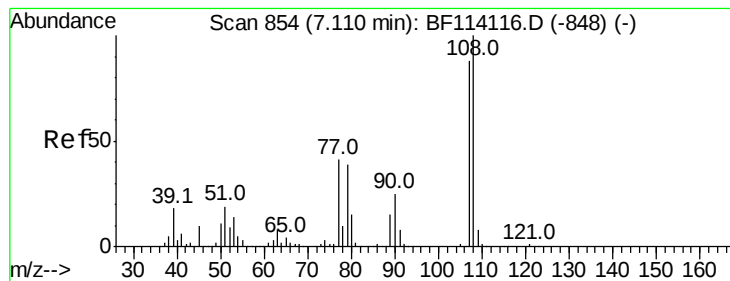


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.395 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 541494

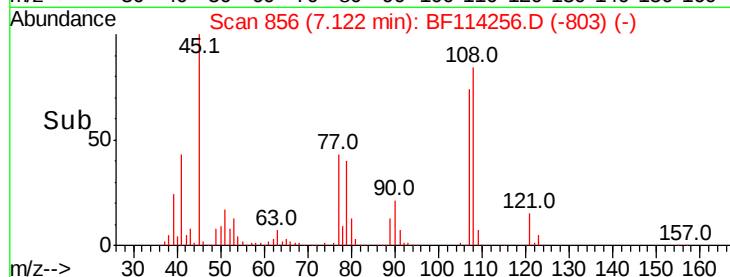
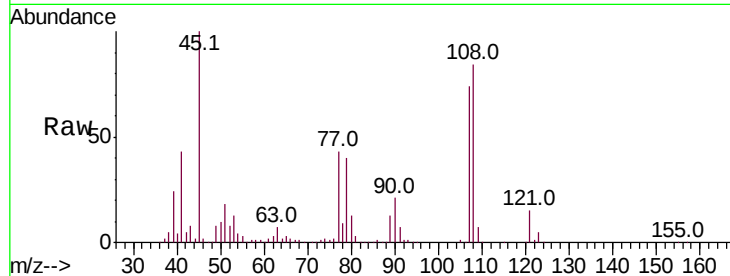
Ion Ratio Lower Upper

107 100

108 114.7 90.5 135.7

77 58.7 37.0 55.4#

79 54.4 35.8 53.8#



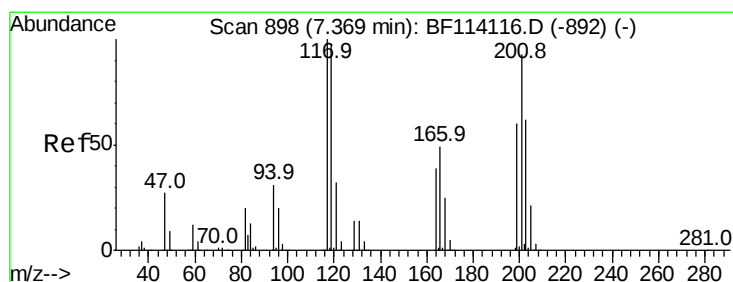
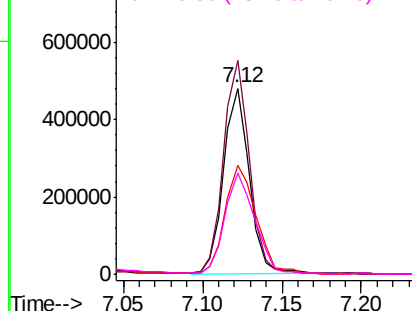
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.845 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

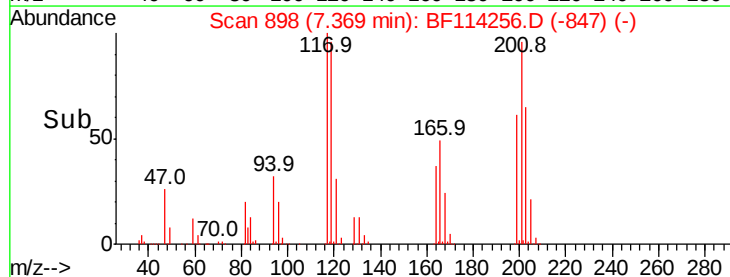
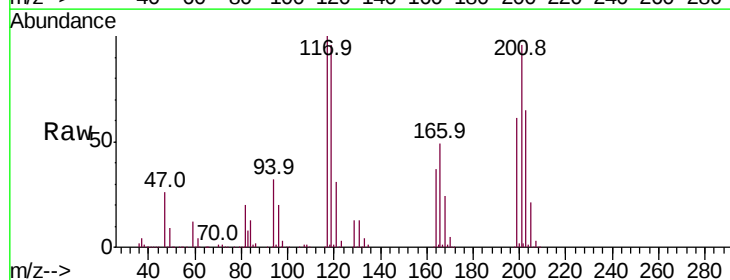
Tgt Ion:117 Resp: 282996

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.2

201 96.2 74.5 111.7

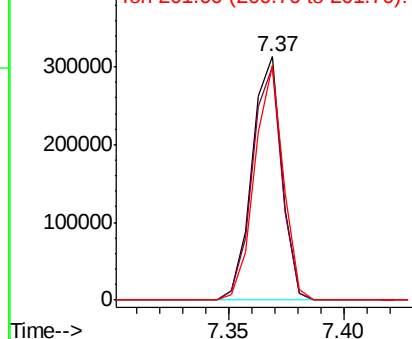


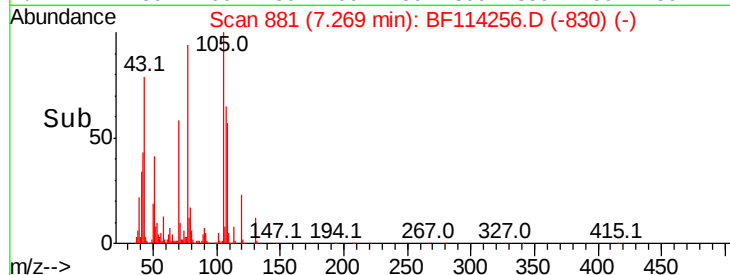
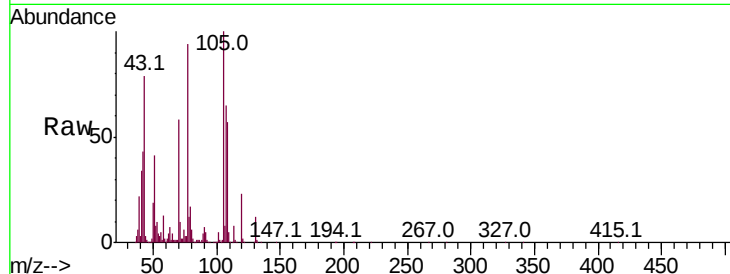
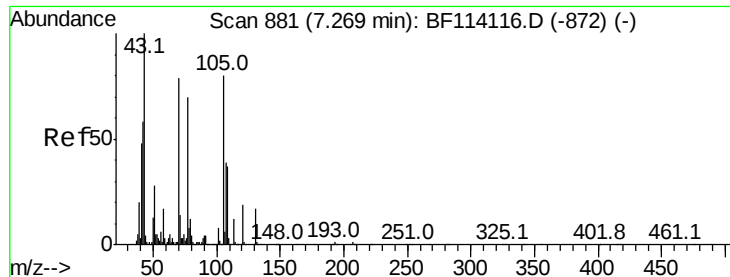
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

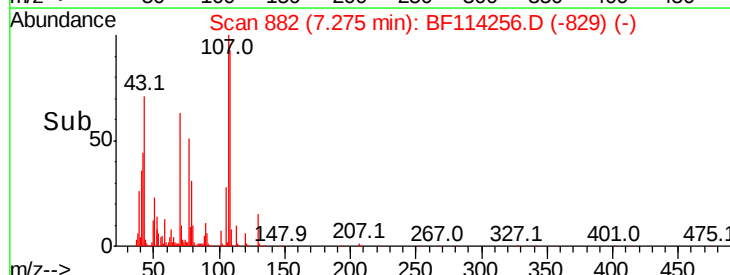
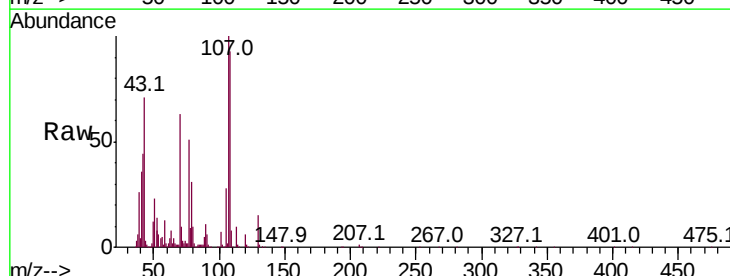
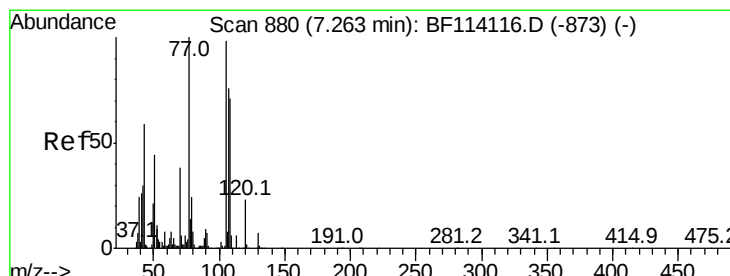
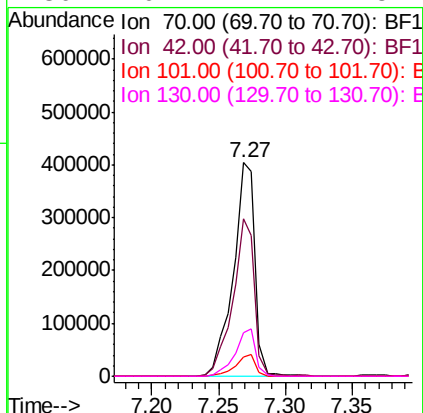




#19
n-Nitroso-di-n-propylamine
Concen: 40.357 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

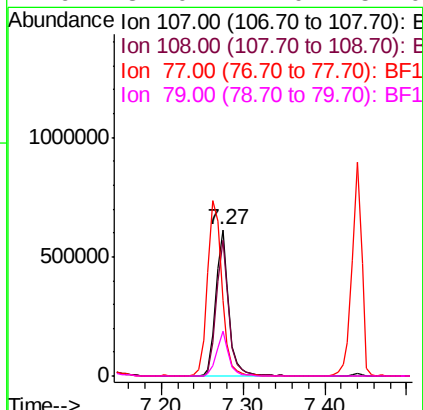
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

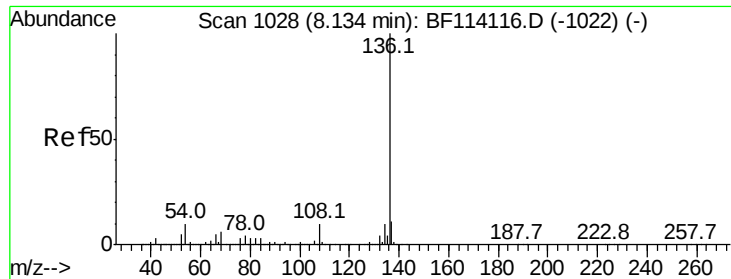
Tot Ion:	70	Resp:	462466
Ion	Ratio	Lower	Upper
70	100		
42	73.6	58.6	87.8
101	9.1	7.8	11.8
130	20.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 43.358 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:	107	Resp:	671522
Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.8	113.8
77	51.3	111.5	151.5#
79	31.0	12.0	52.0

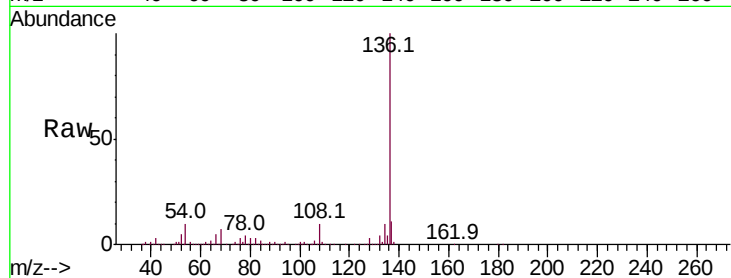




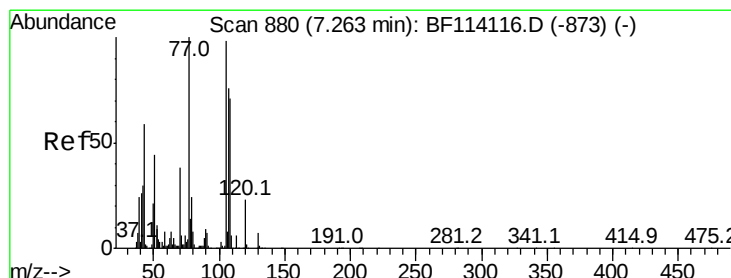
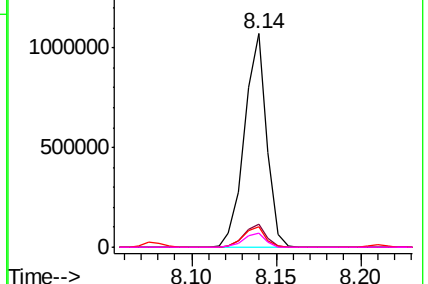
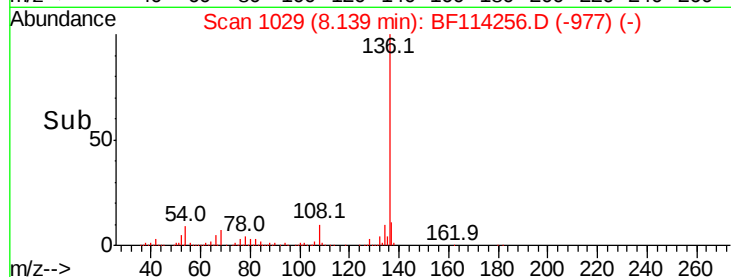
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	981079
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.5	7.8 11.8
68	6.6	5.1 7.7

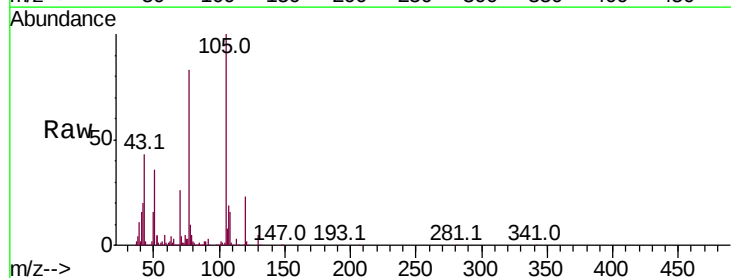


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

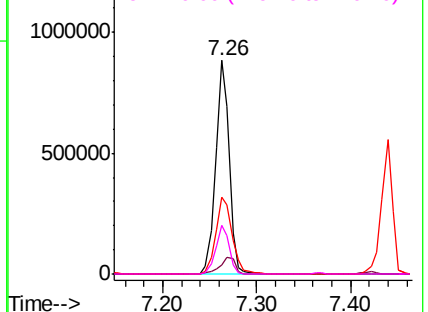
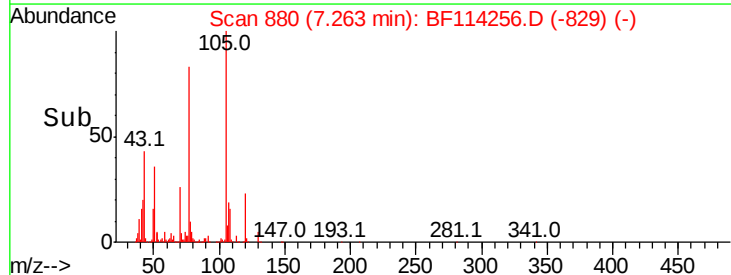


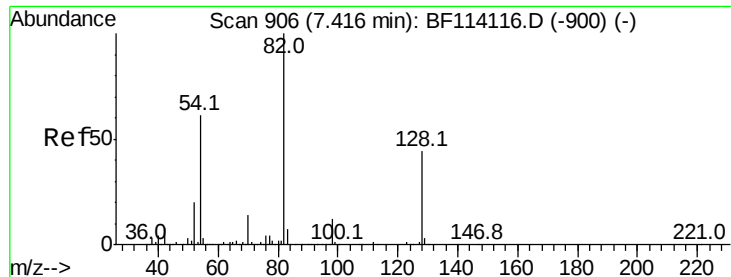
#22
Acetophenone
Concen: 41.458 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:105	Resp:	901052
Ion Ratio	Lower	Upper
105	100	
71	4.3	5.3 7.9#
51	36.2	36.2 54.4#
120	22.9	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

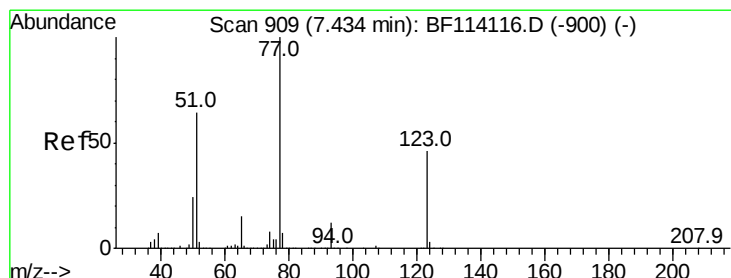
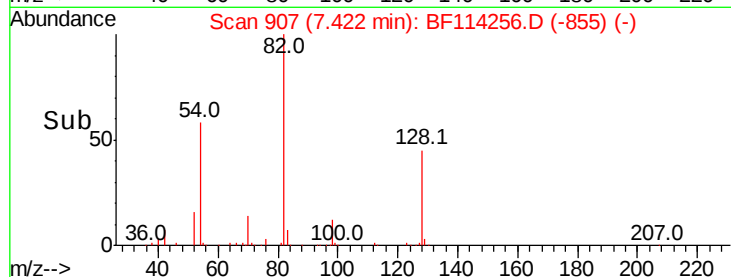
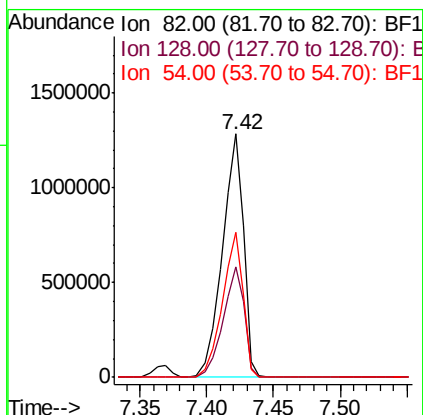
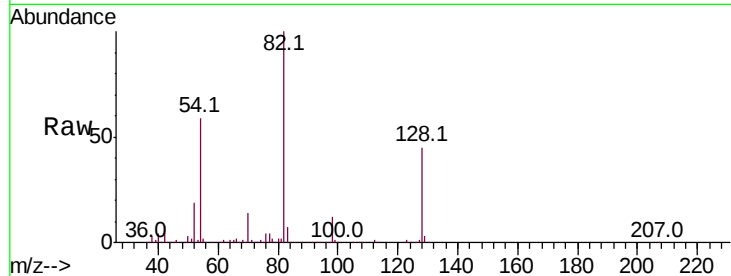




#23
 Nitrobenzene-d5
 Concen: 82.095 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

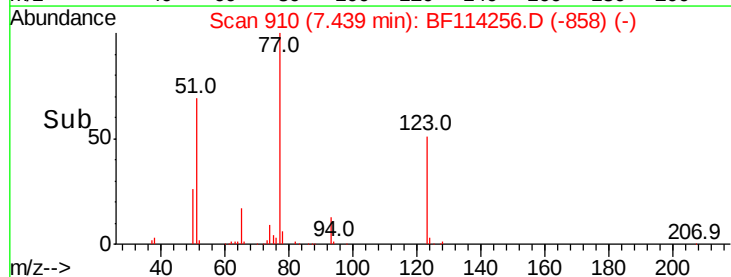
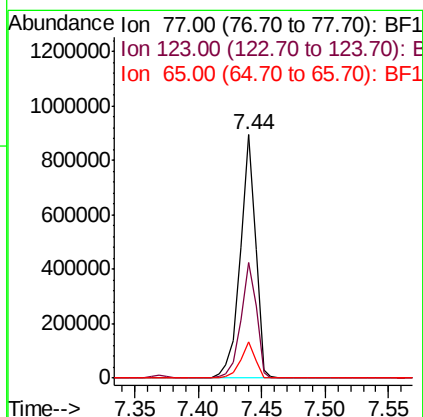
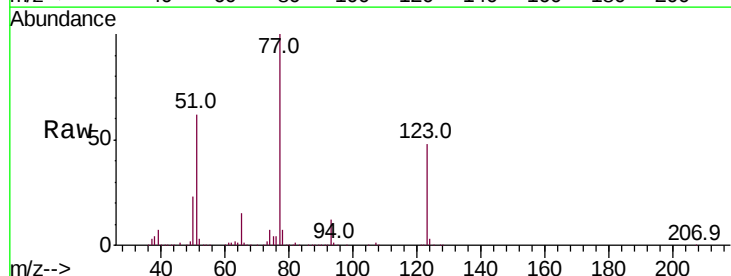
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

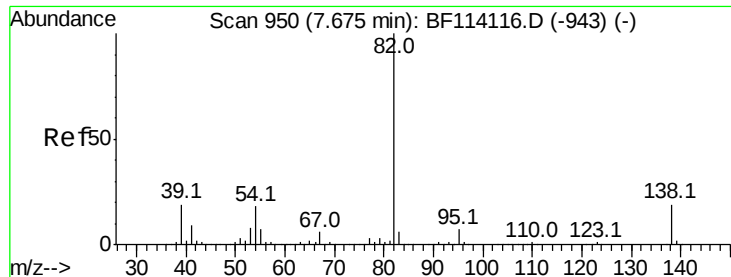
Tot Ion: 82 Resp: 1435171
 Ion Ratio Lower Upper
 82 100
 128 45.2 35.5 53.3
 54 59.4 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.637 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion: 77 Resp: 741352
 Ion Ratio Lower Upper
 77 100
 123 47.5 36.9 55.3
 65 14.7 11.8 17.6





#25

Isophorone

Concen: 39.875 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

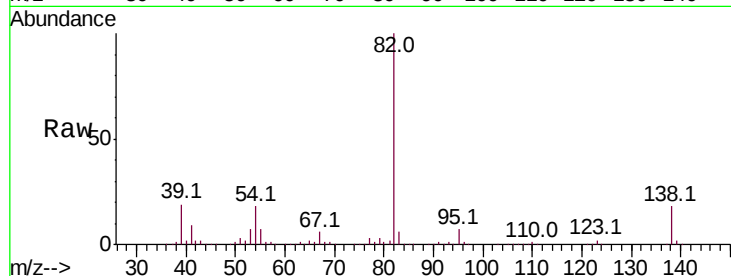
Tot Ion: 82 Resp: 1292820

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

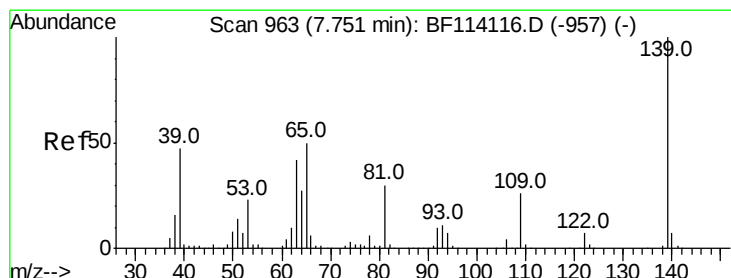
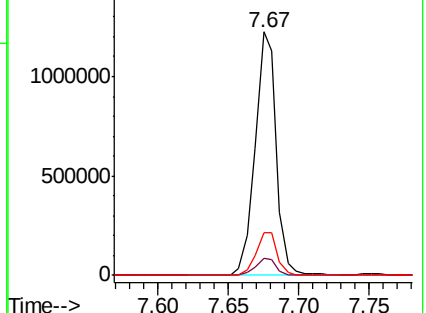
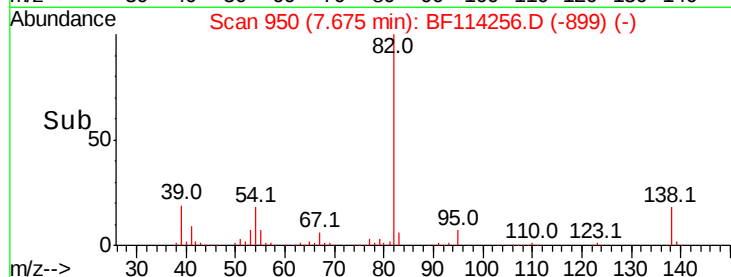
138 17.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.169 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

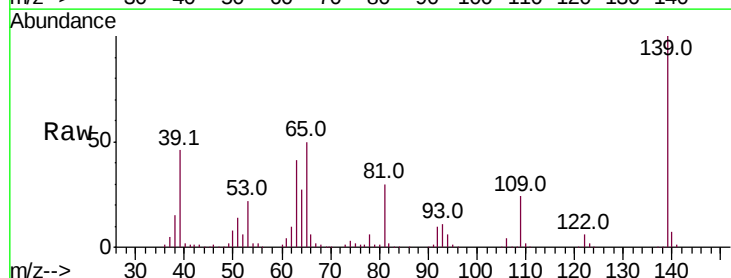
Tgt Ion:139 Resp: 372919

Ion Ratio Lower Upper

139 100

109 24.5 20.7 31.1

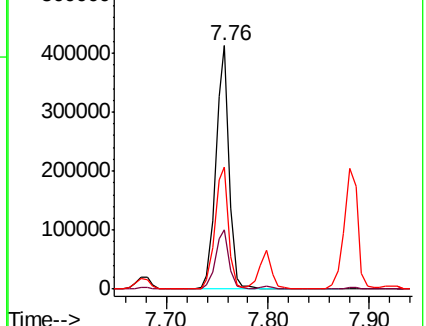
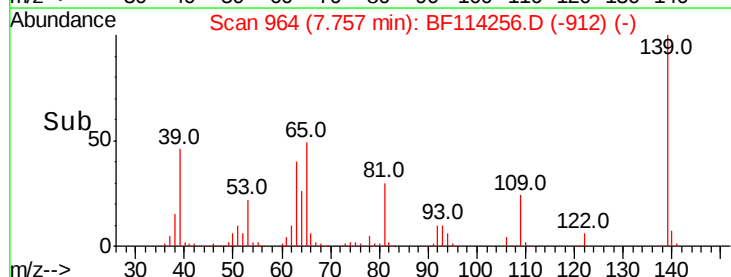
65 49.9 40.2 60.2

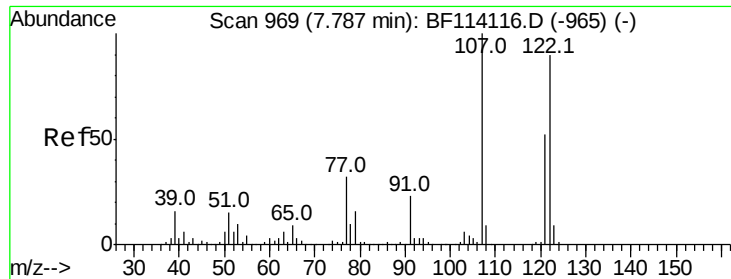


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

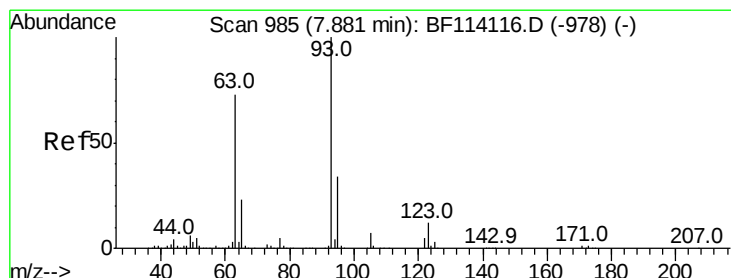
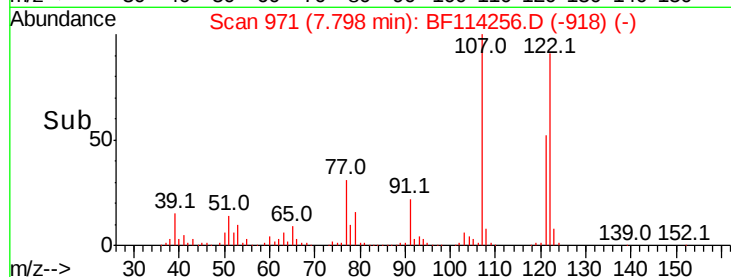
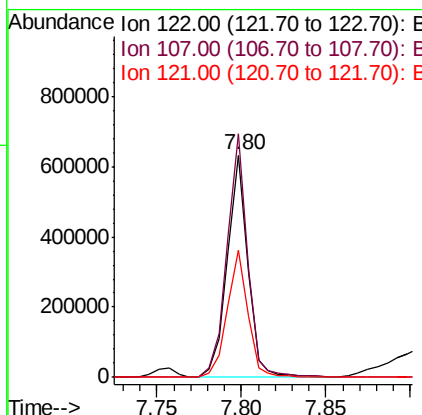
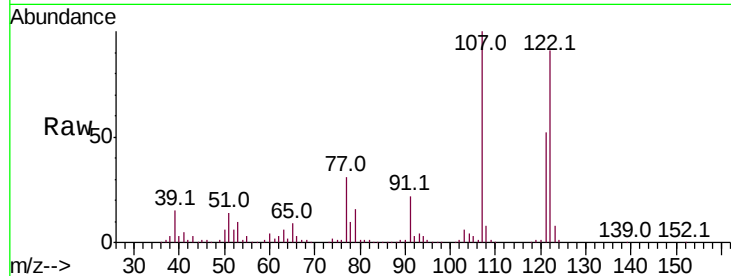




#27
2,4-Dimethylphenol
Concen: 39.535 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

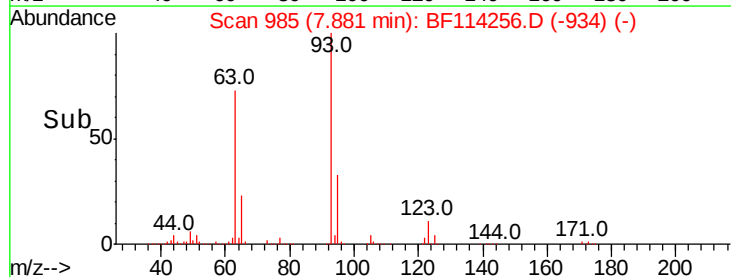
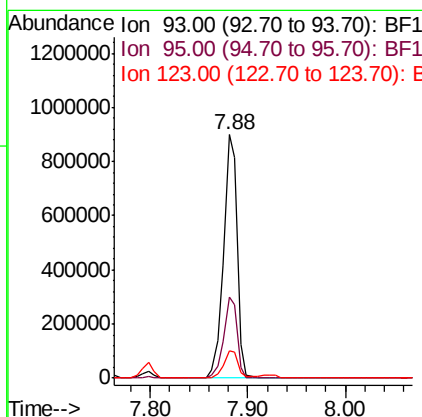
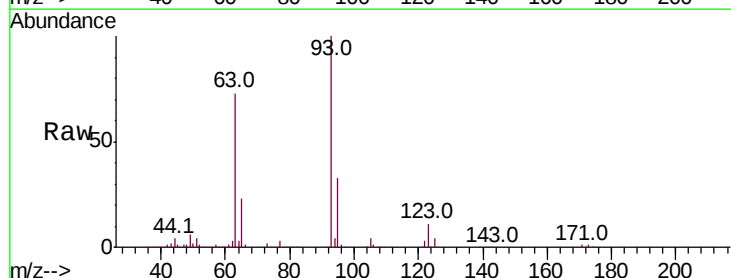
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

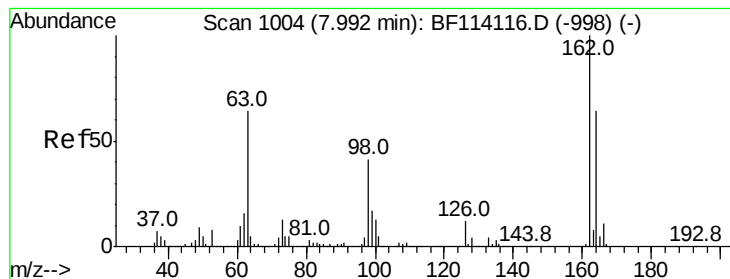
Tot Ion:122 Resp: 536392
Ion Ratio Lower Upper
122 100
107 109.6 88.4 132.6
121 57.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.501 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion: 93 Resp: 873036
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.930 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

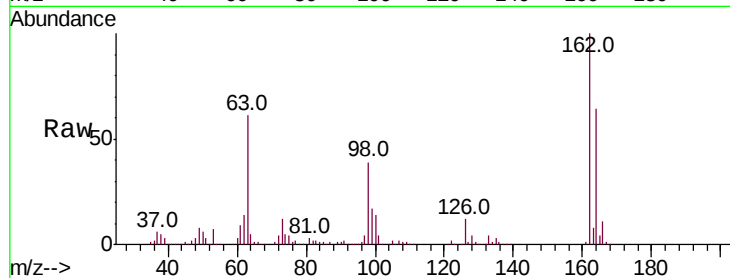
Tot Ion:162 Resp: 552958

Ion Ratio Lower Upper

162 100

164 63.7 43.6 83.6

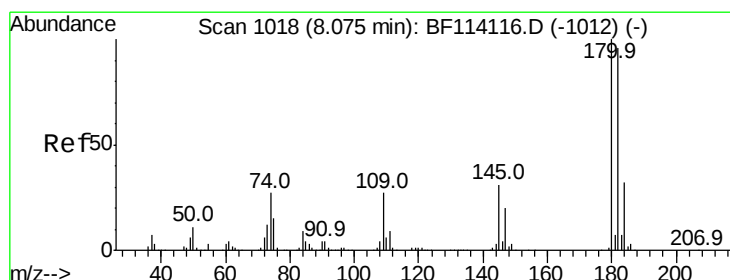
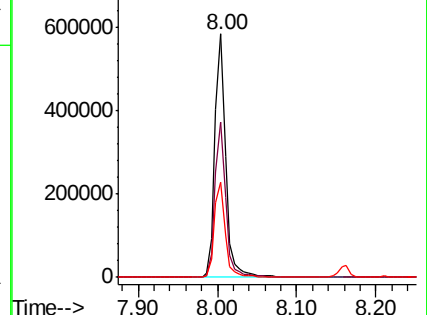
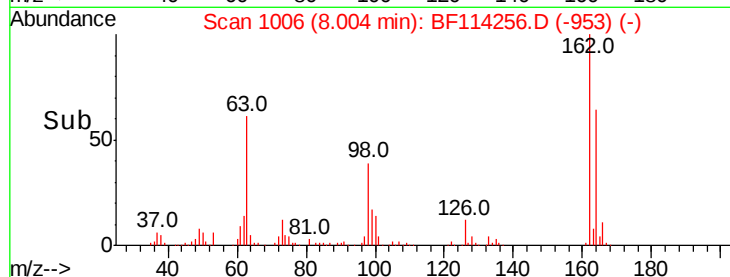
98 39.0 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.783 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

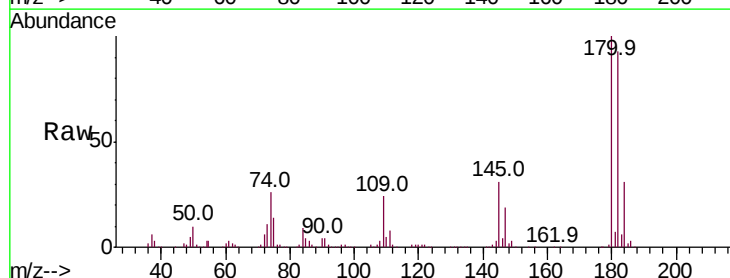
Tgt Ion:180 Resp: 611177

Ion Ratio Lower Upper

180 100

182 93.5 76.6 114.8

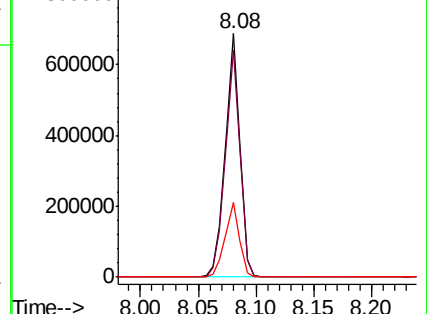
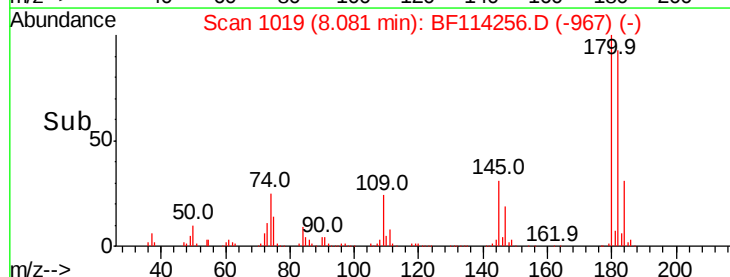
145 30.6 25.1 37.7

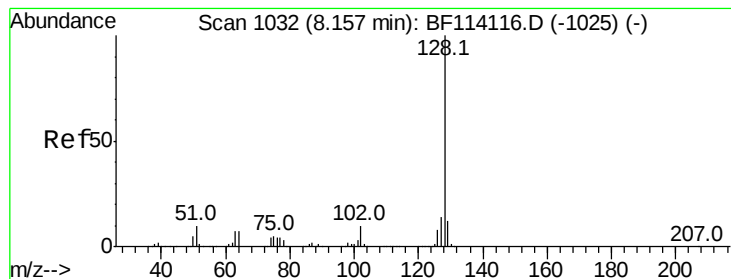


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.970 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

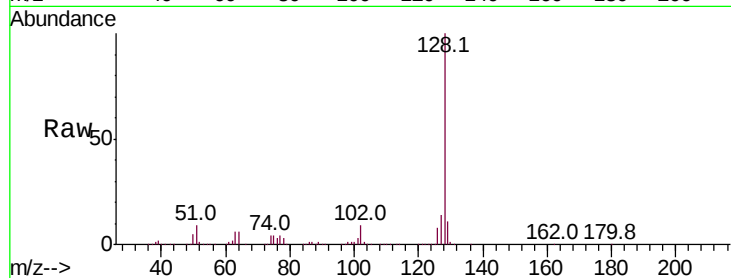
Tot Ion:128 Resp: 1877563

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

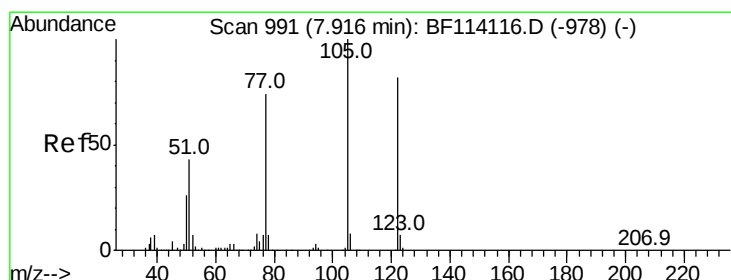
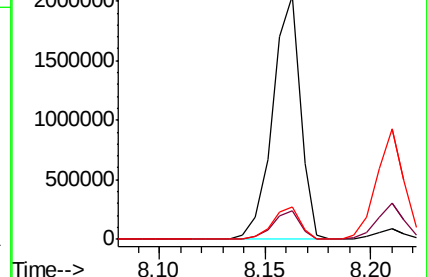
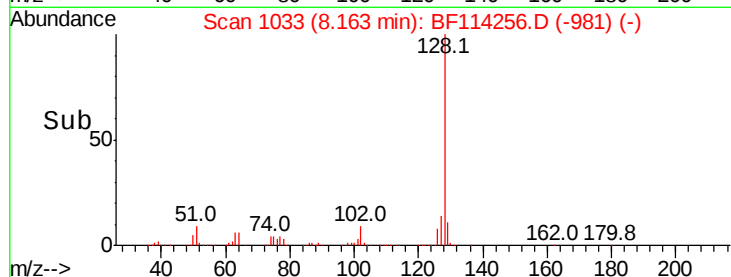
127 13.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.114 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

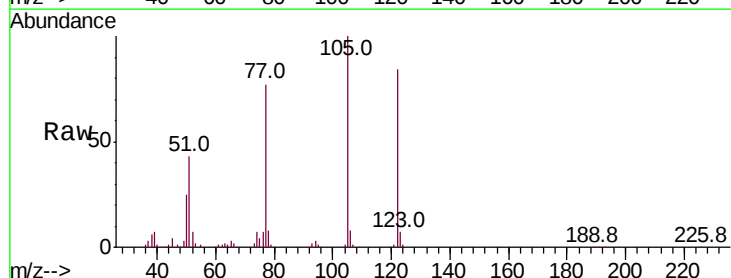
Tgt Ion:122 Resp: 284344

Ion Ratio Lower Upper

122 100

105 119.7 99.9 139.9

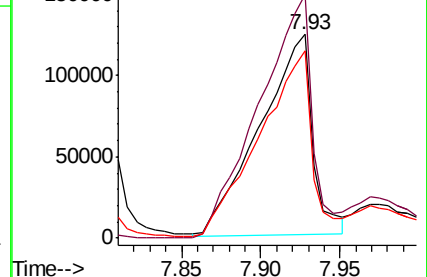
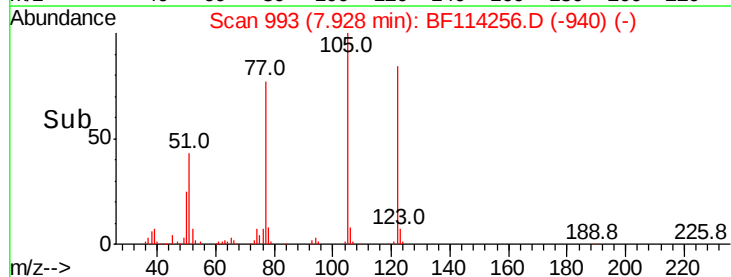
77 92.1 69.4 109.4

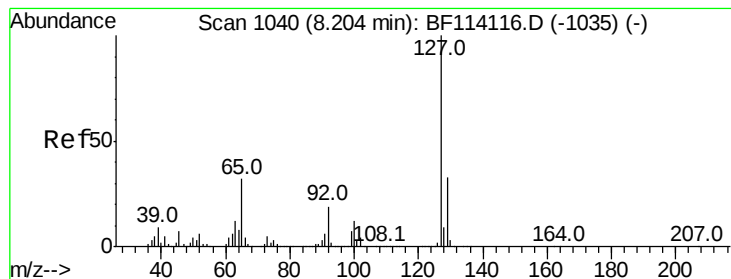


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 42.233 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 881973

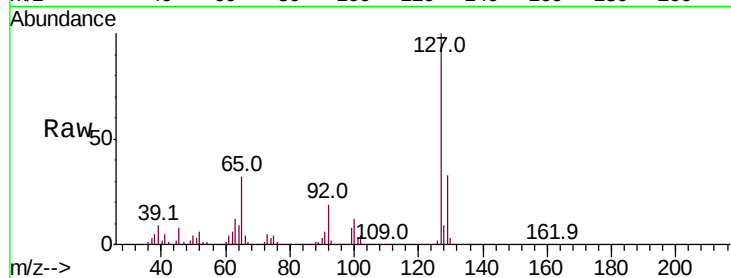
Ion Ratio Lower Upper

127 100

129 32.7 26.7 40.1

65 32.0 25.4 38.0

92 19.4 15.4 23.2

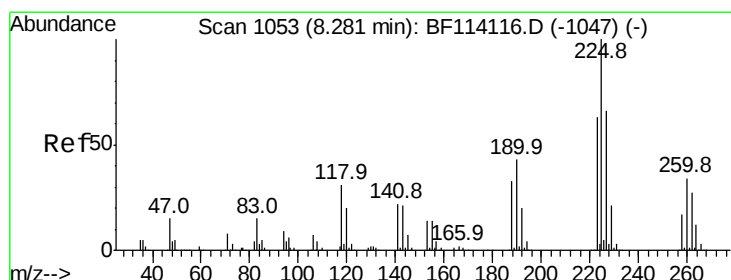
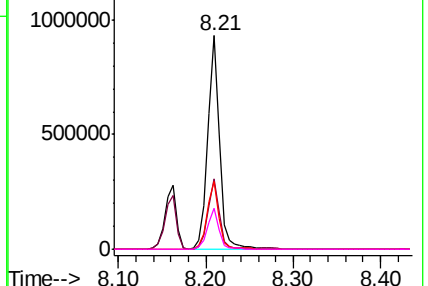
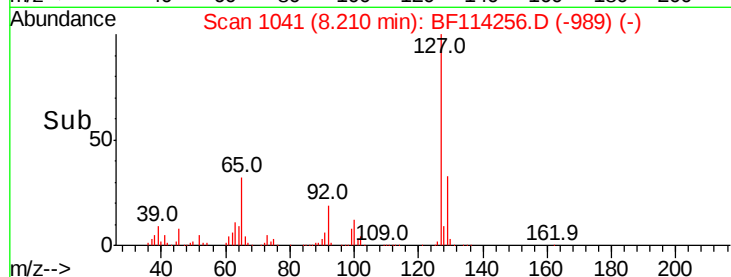


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.828 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

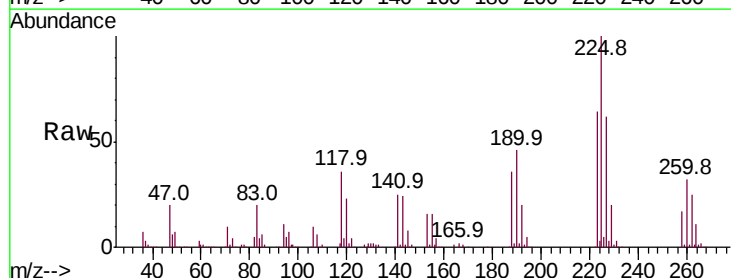
Tgt Ion:225 Resp: 348139

Ion Ratio Lower Upper

225 100

223 64.5 50.2 75.2

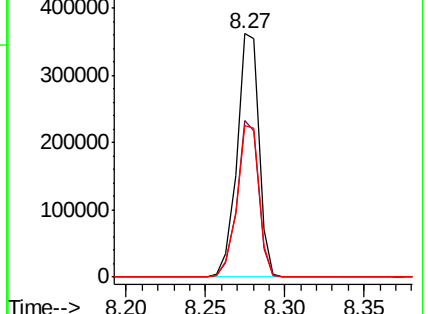
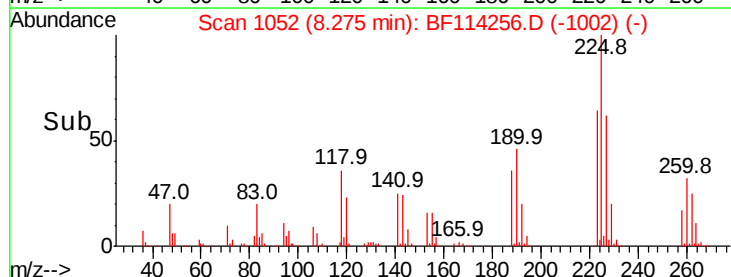
227 62.4 52.6 79.0

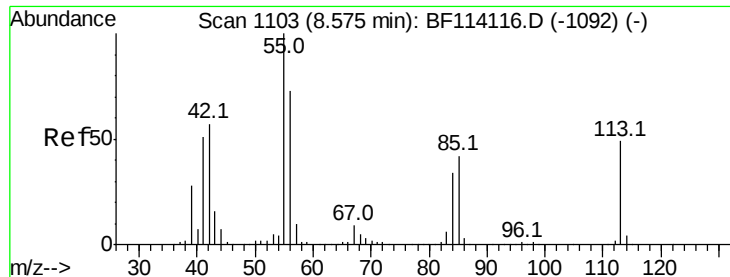


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

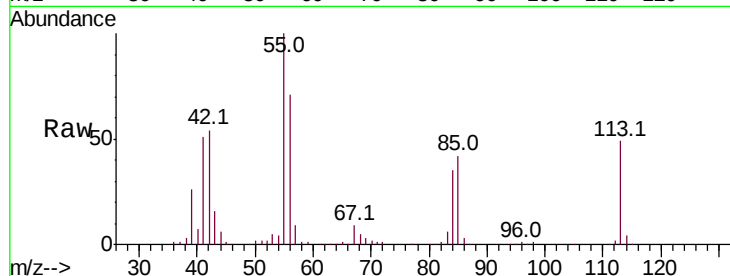




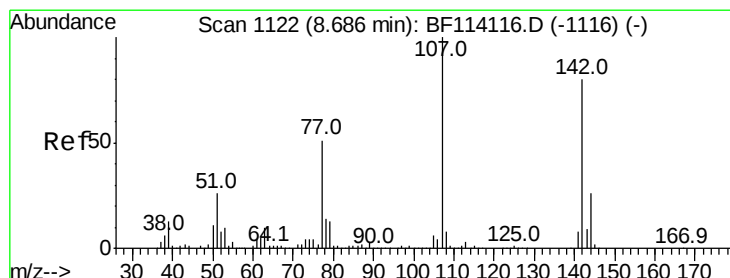
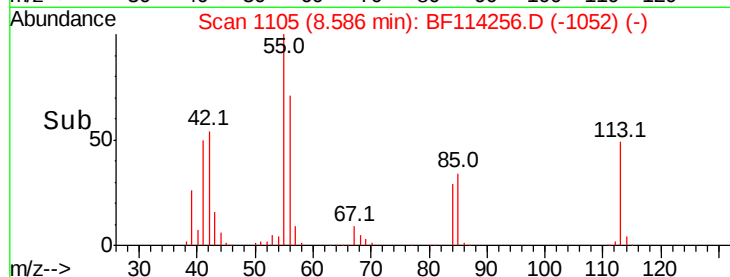
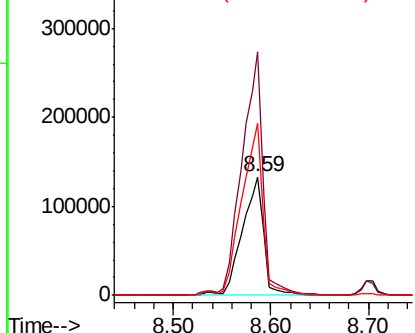
#35
 Caprolactam
 Concen: 45.858 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 202018
 Ion Ratio Lower Upper
 113 100
 55 205.0 183.5 223.5
 56 145.1 128.8 168.8

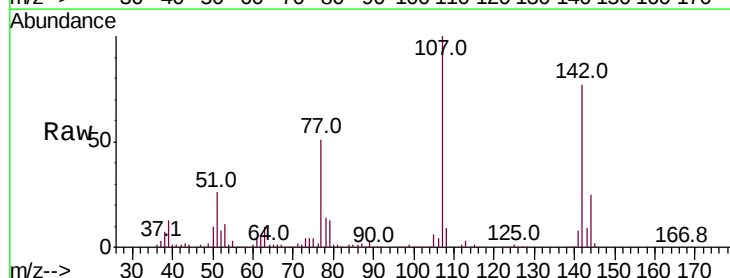


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

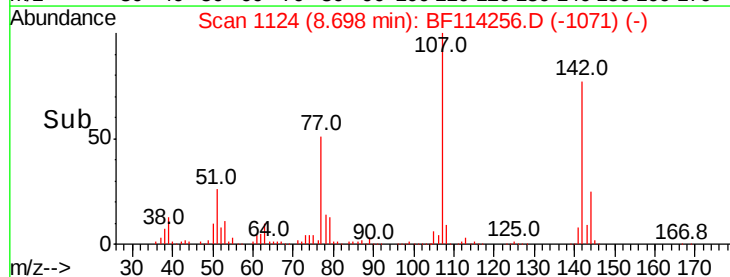
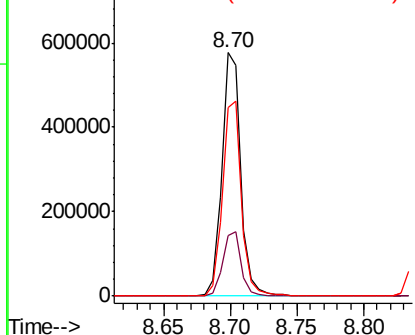


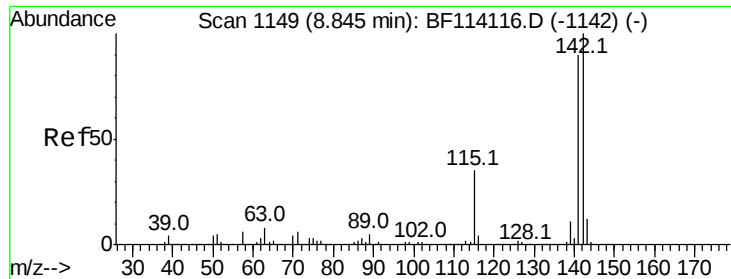
#36
 4-Chloro-3-methylphenol
 Concen: 42.449 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion:107 Resp: 577262
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 77.2 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.374 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

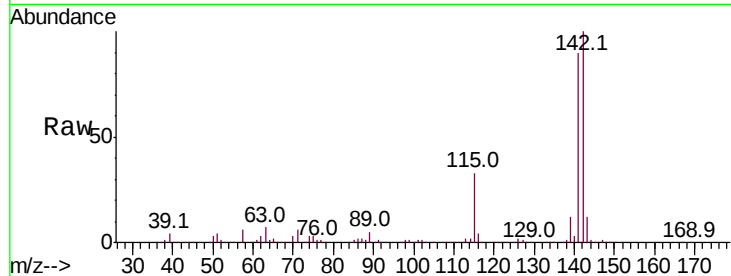
Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1223322

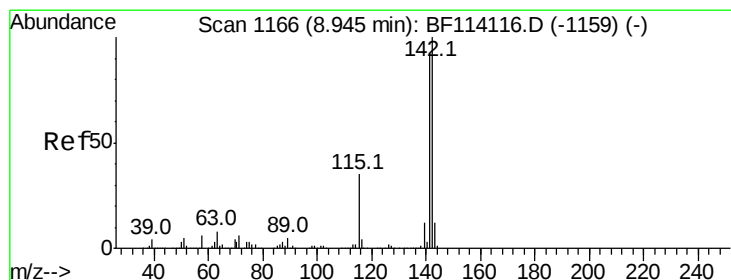
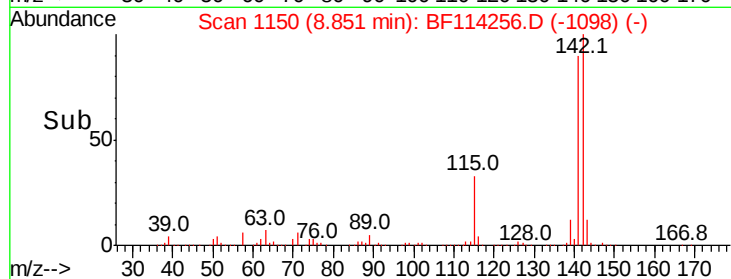
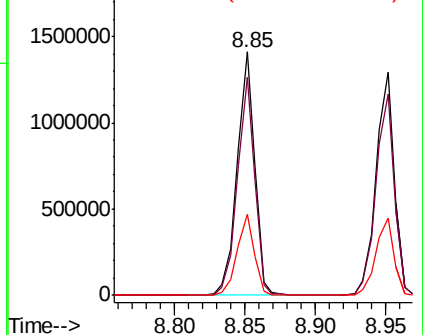
Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.1	108.1
115	33.3	28.0	42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.758 ng

RT: 8.95 min Scan# 1167

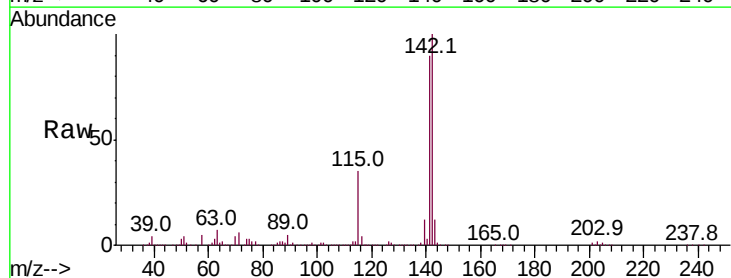
Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Tgt Ion:142 Resp: 1162722

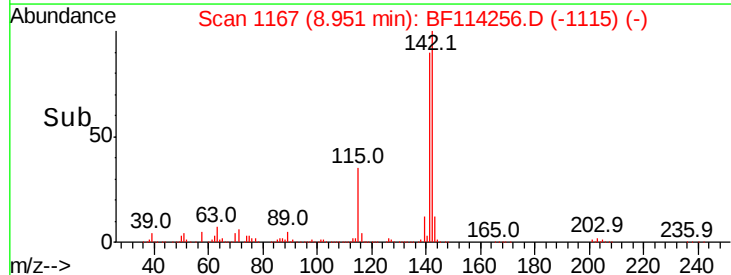
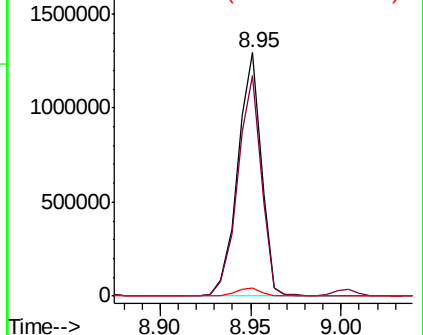
Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.4	110.0
116	3.6	3.1	4.7

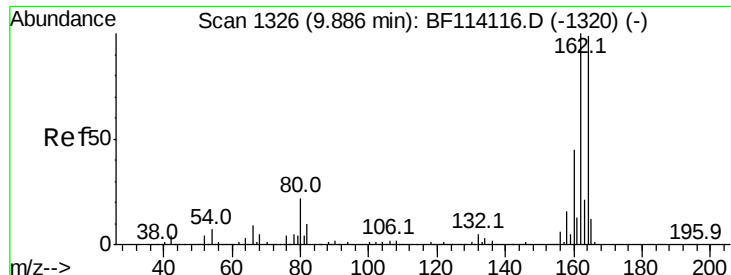


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

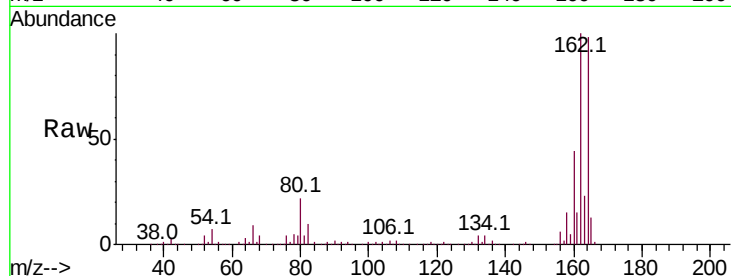




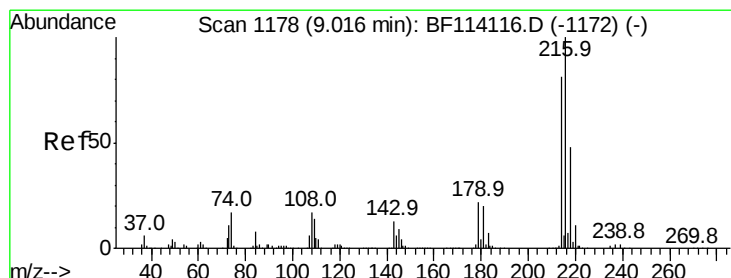
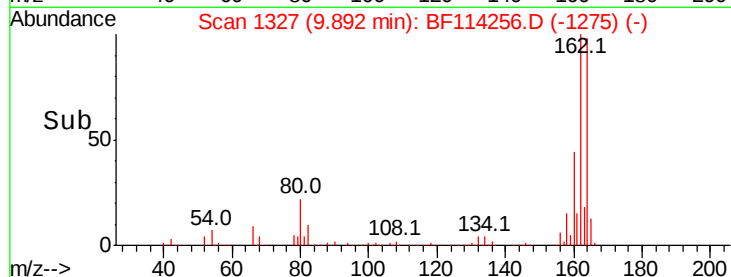
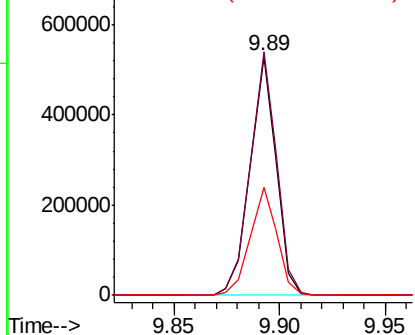
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.2	36.5	54.7



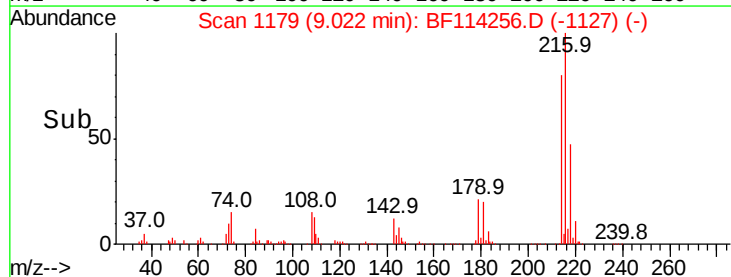
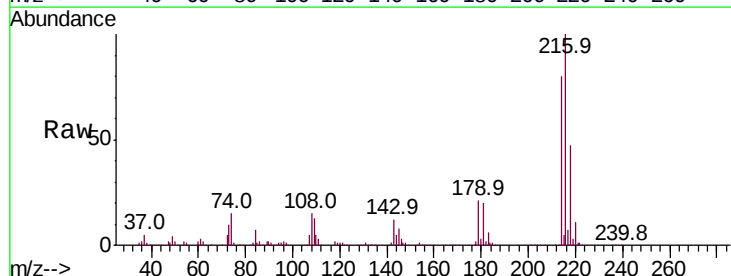
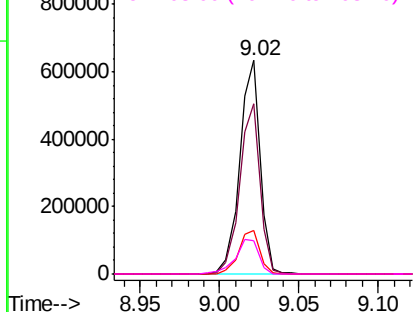
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

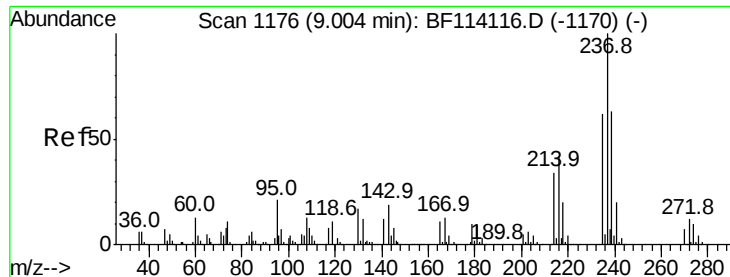


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.668 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.9	95.9
179	21.1	17.0	25.6
108	18.8	14.8	22.2

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

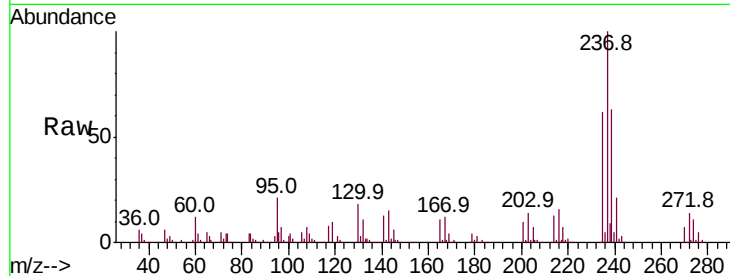




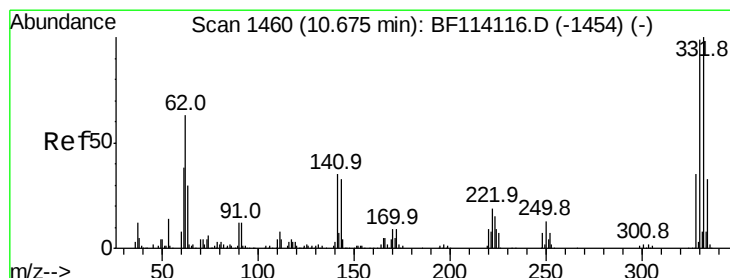
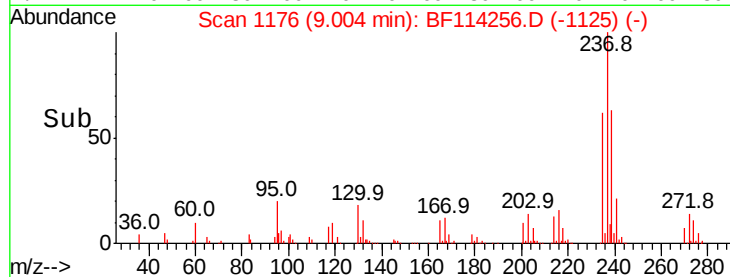
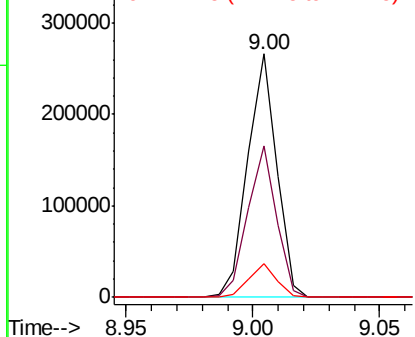
#41
Hexachlorocyclopentadiene
Concen: 35.579 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 212943
Ion Ratio Lower Upper
237 100
235 62.4 42.0 82.0
272 13.8 0.0 32.4

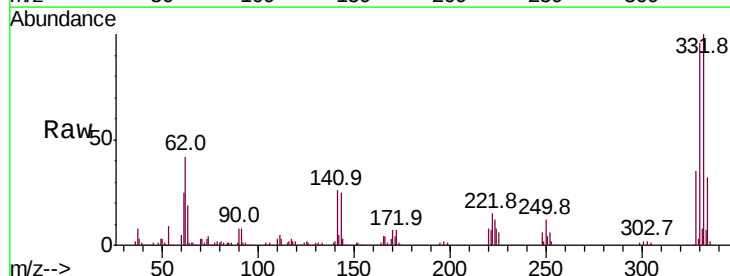


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

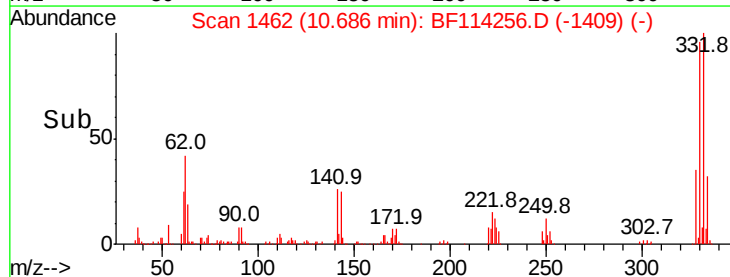
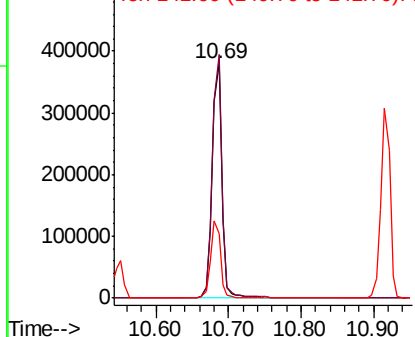


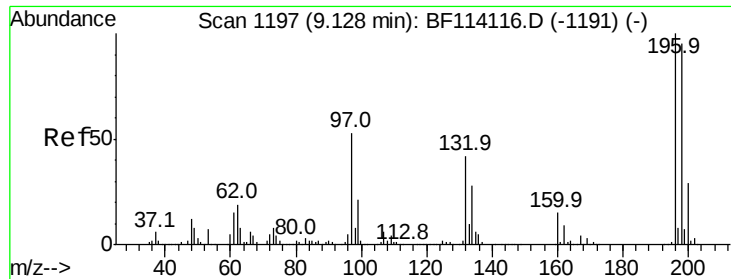
#42
2,4,6-Tribromophenol
Concen: 75.923 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:330 Resp: 358450
Ion Ratio Lower Upper
330 100
332 101.8 81.4 122.2
141 32.9 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

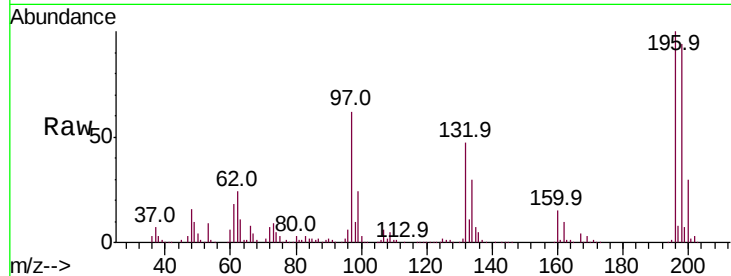




#43
 2,4,6-Trichlorophenol
 Concen: 40.192 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.9	113.9
200	29.9	23.5	35.3

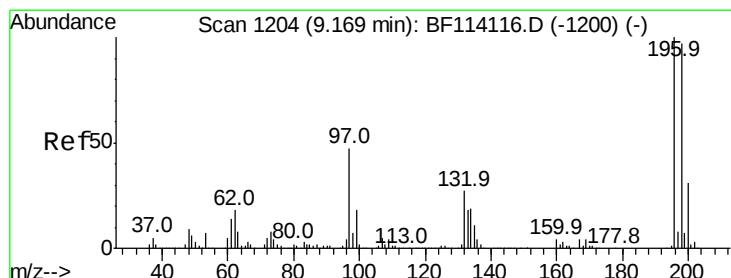
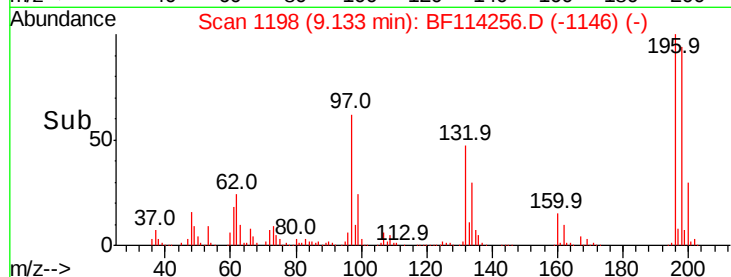
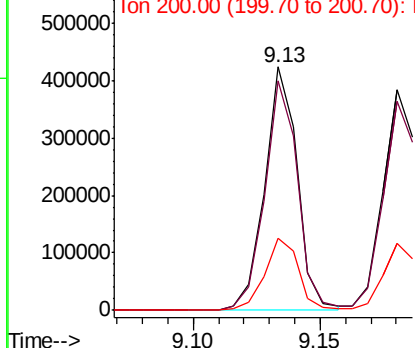


Abundance

Ion 196.00 (195.70 to 196.70): E

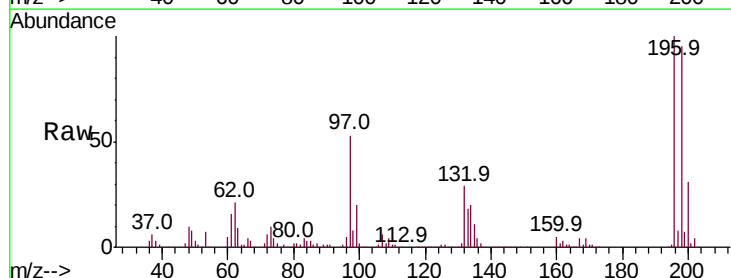
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.001 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.7	116.5
97	53.4	38.2	57.2
132	29.3	21.4	32.2



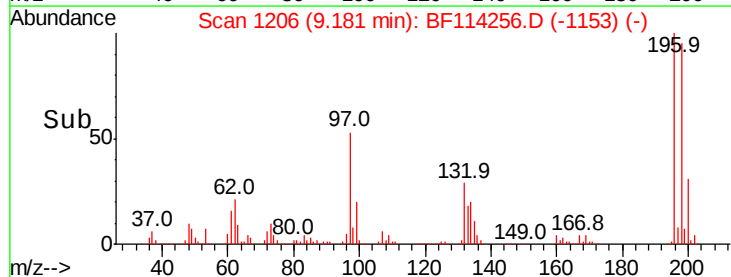
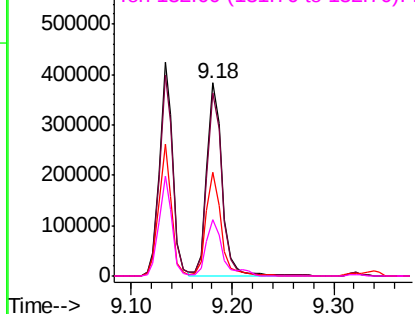
Abundance

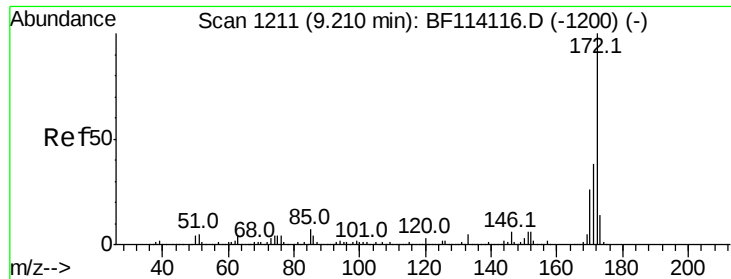
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

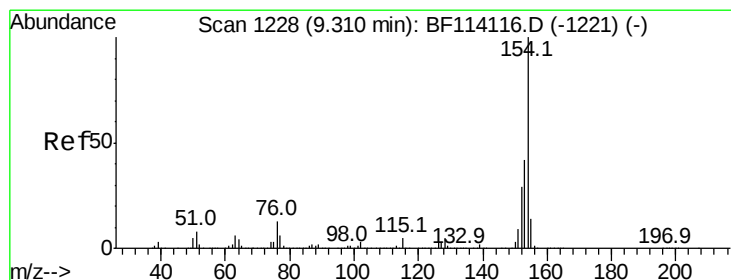
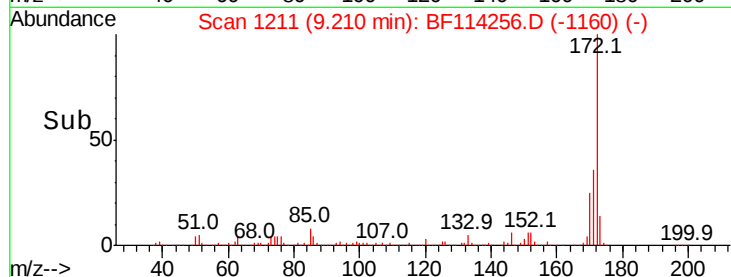
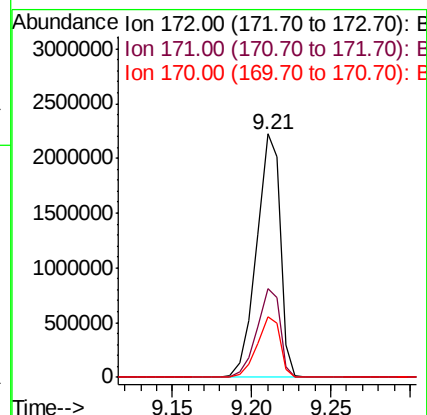
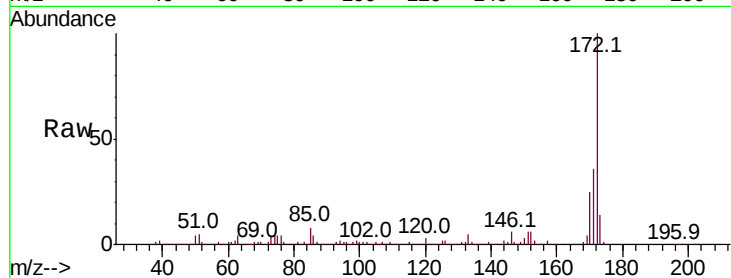




#45
2-Fluorobiphenyl
Concen: 76.395 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

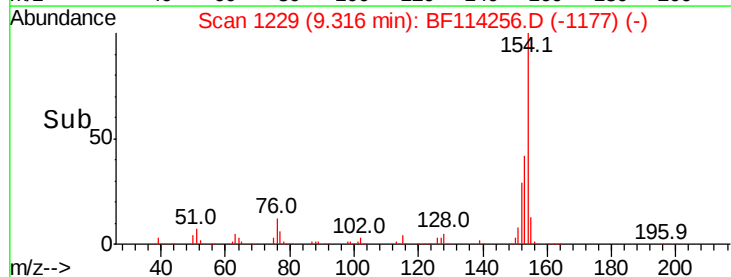
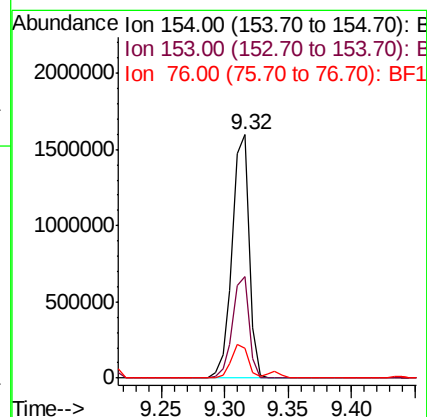
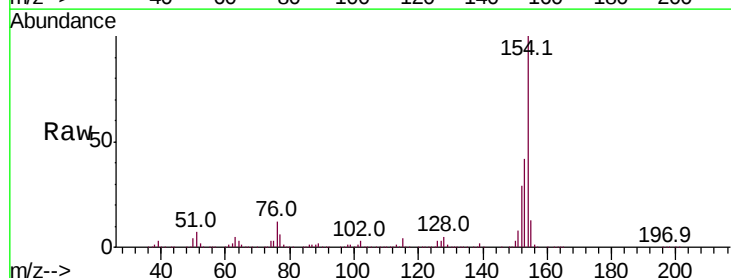
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

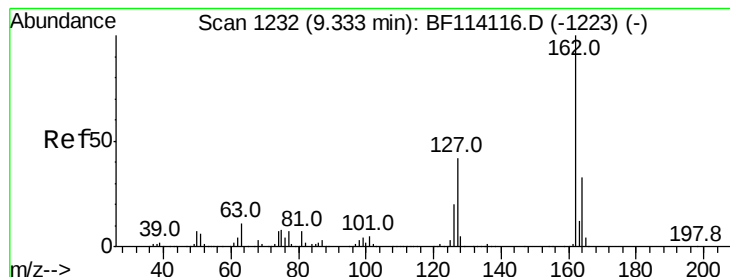
Tot Ion:172 Resp: 2306354
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 24.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.110 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:154 Resp: 1479772
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.980 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

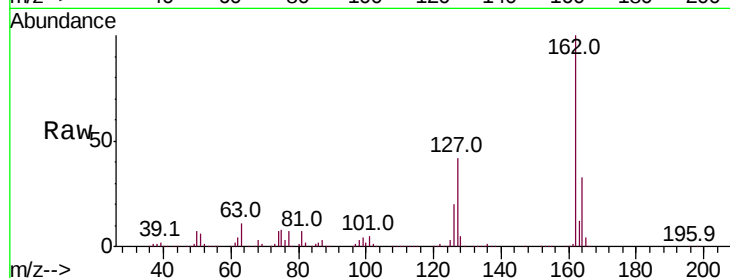
Tot Ion:162 Resp: 1187049

Ion Ratio Lower Upper

162 100

127 41.6 34.0 51.0

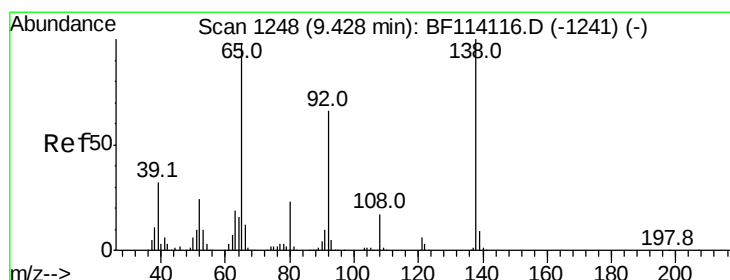
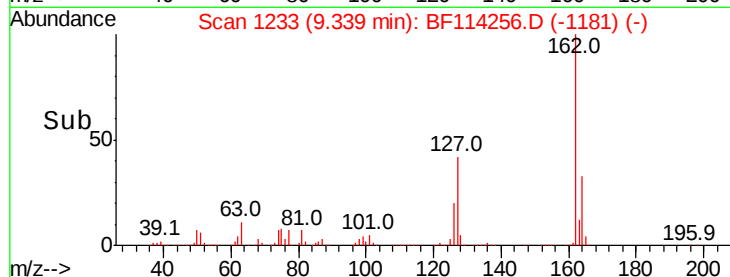
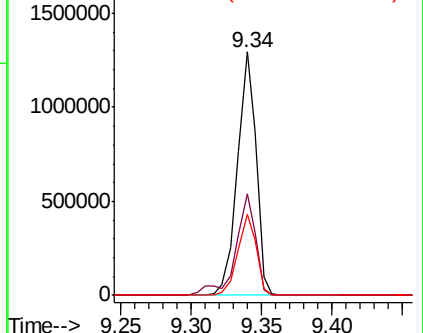
164 33.5 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.908 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

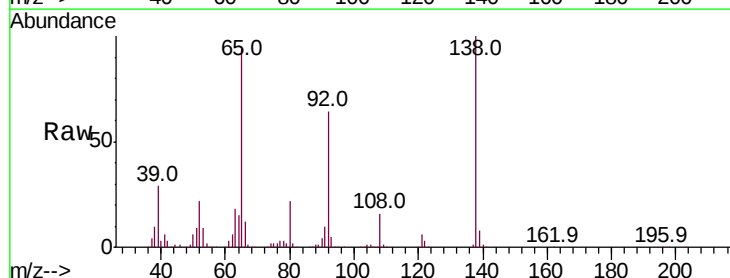
Tgt Ion: 65 Resp: 451817

Ion Ratio Lower Upper

65 100

92 67.9 53.9 80.9

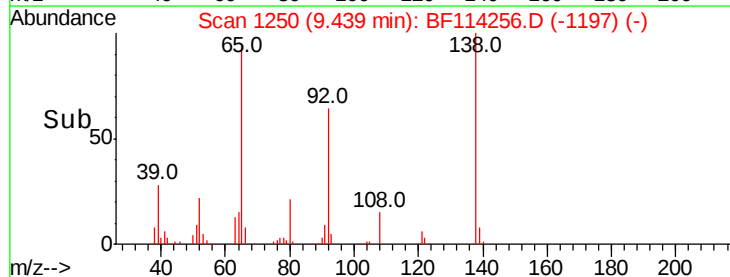
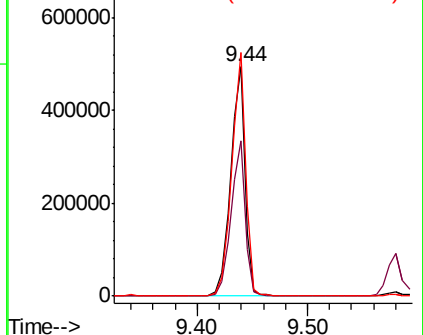
138 106.3 81.4 122.0

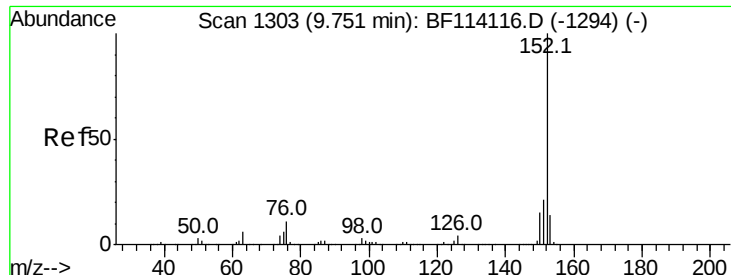


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

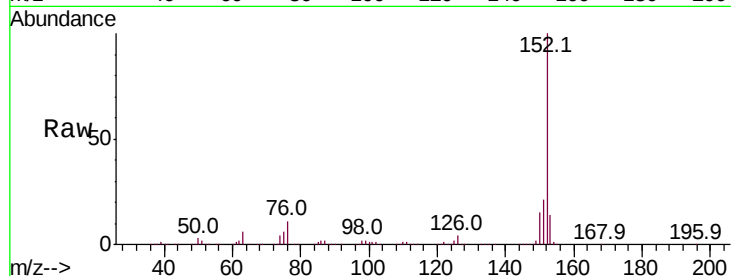




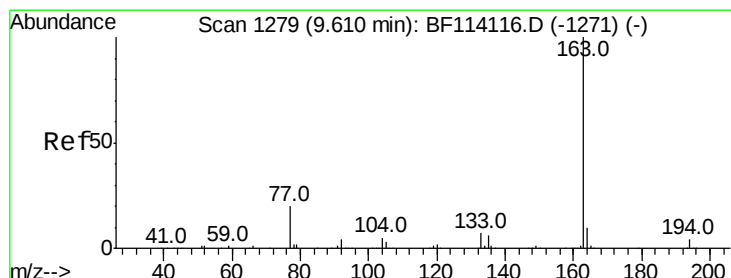
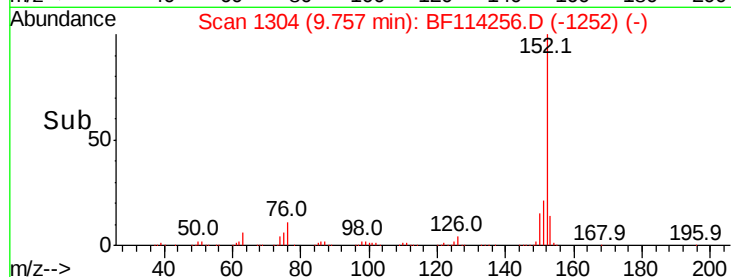
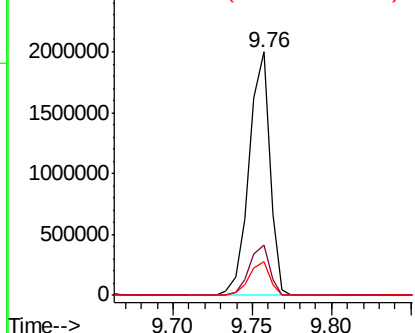
#49
Acenaphthylene
Concen: 40.250 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 1817636
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.6 11.4 17.2

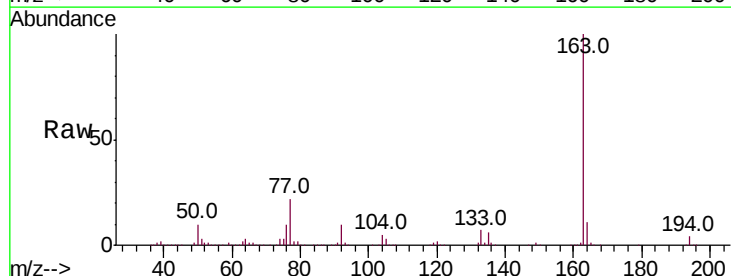


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

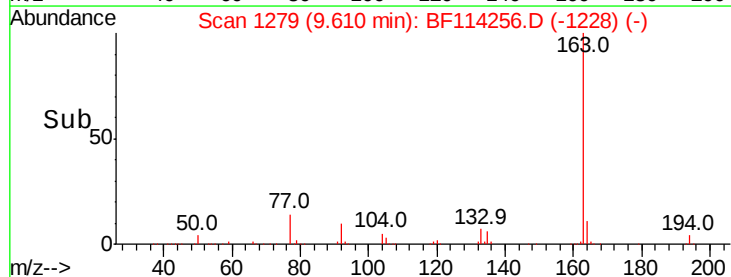
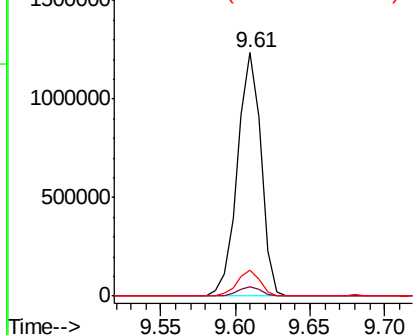


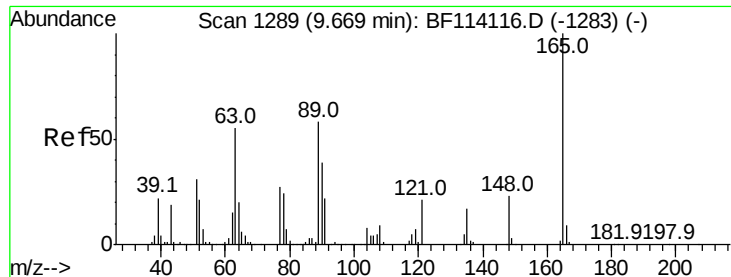
#50
Dimethylphthalate
Concen: 40.665 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:163 Resp: 1363260
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

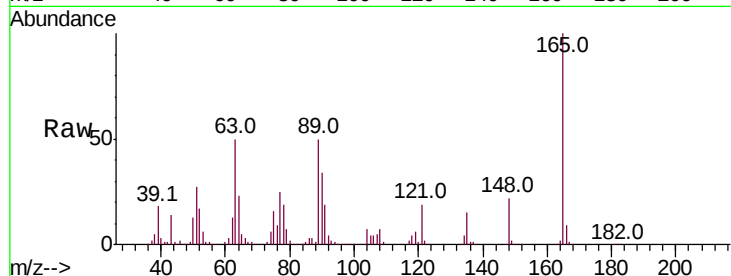




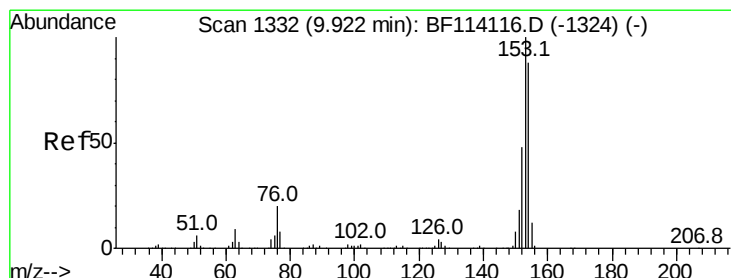
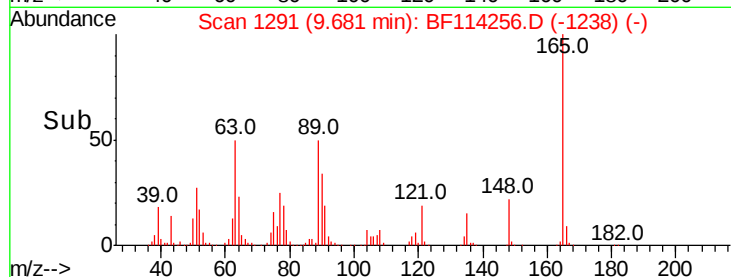
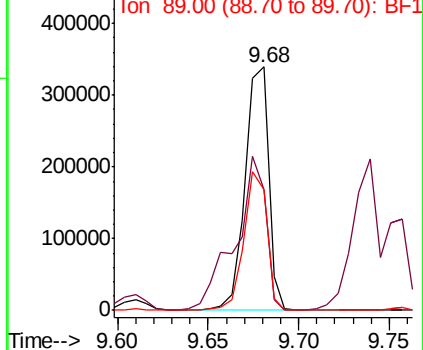
#51
 2,6-Dinitrotoluene
 Concen: 41.224 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 306524
 Ion Ratio Lower Upper
 165 100
 63 49.8 50.2 75.4#
 89 49.6 46.6 69.8

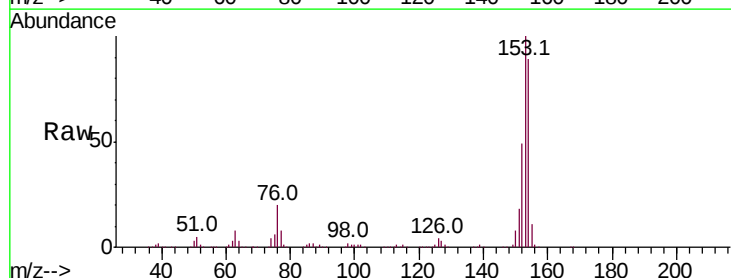


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

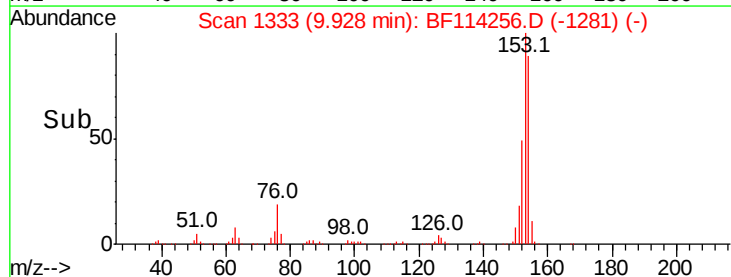
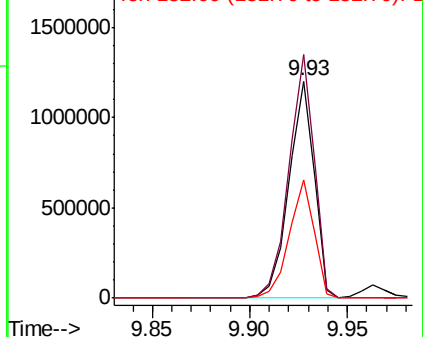


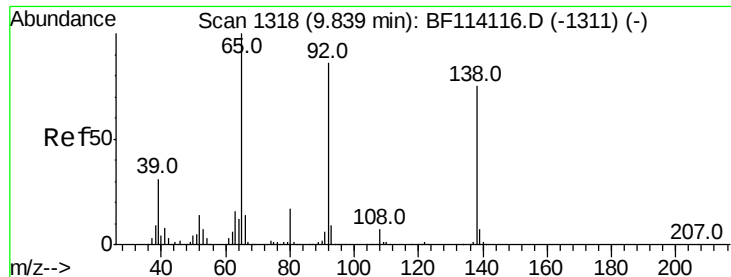
#52
 Acenaphthene
 Concen: 38.983 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion:154 Resp: 1080266
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.5 135.7
 152 54.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

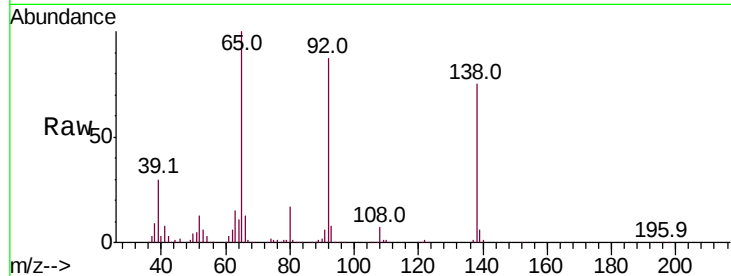




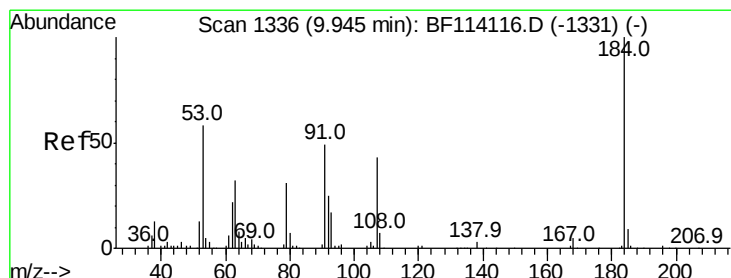
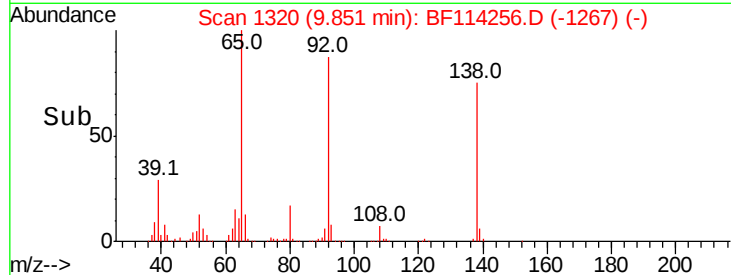
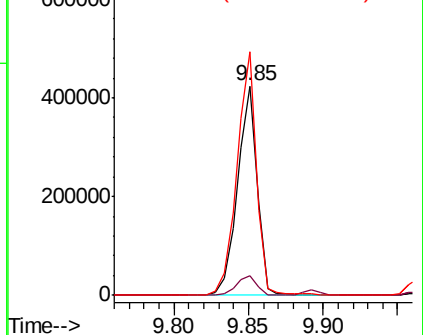
#53
3-Nitroaniline
Concen: 42.472 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 392020
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 116.2 91.2 136.8

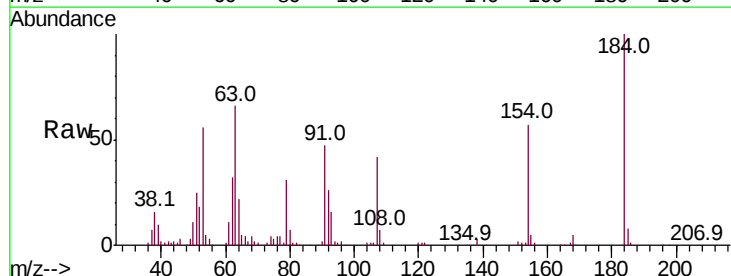


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

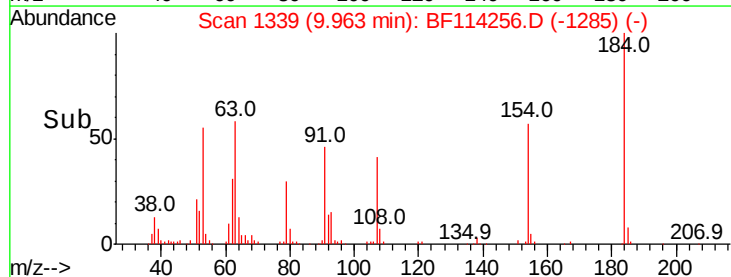
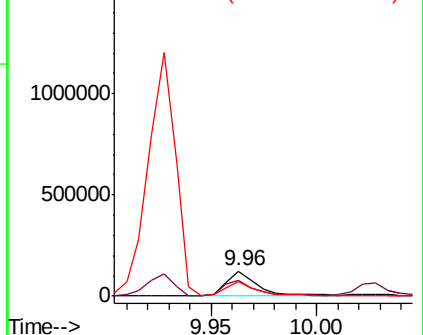


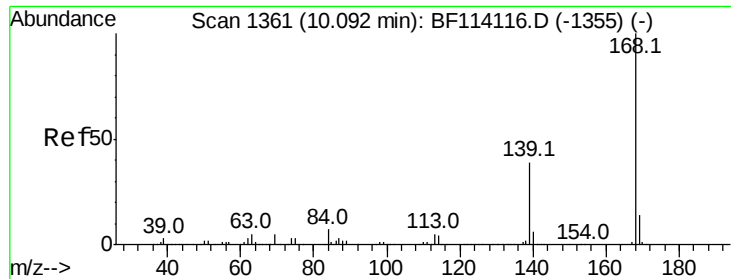
#54
2,4-Dinitrophenol
Concen: 38.022 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:184 Resp: 127709
Ion Ratio Lower Upper
184 100
63 65.9 55.6 83.4
154 57.0 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.598 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

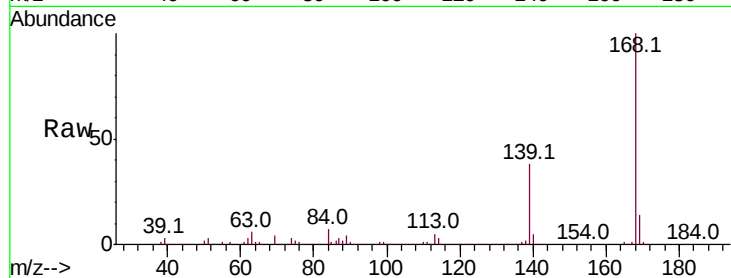
Tot Ion:168 Resp: 1568399

Ion Ratio Lower Upper

168 100

139 37.6 31.1 46.7

169 14.2 11.4 17.0

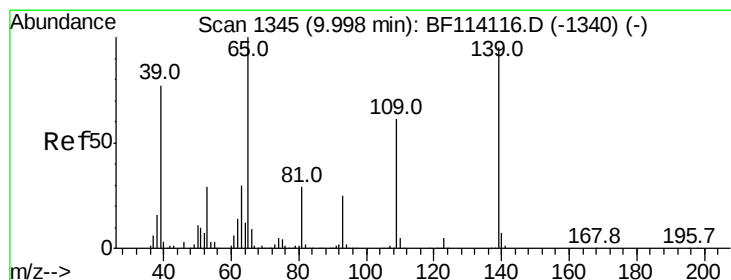
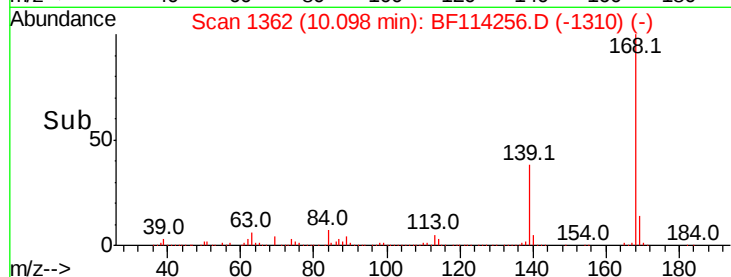
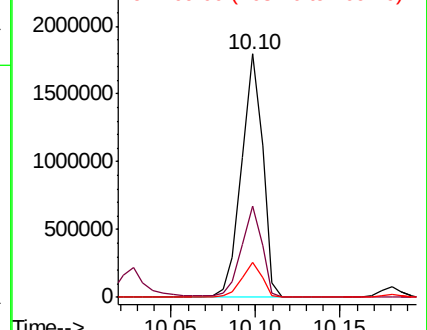


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.980 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.03 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

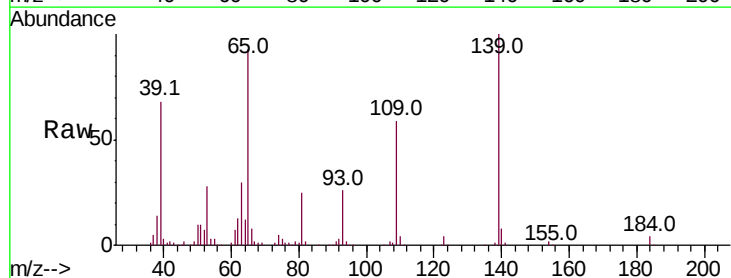
Tgt Ion:139 Resp: 241384

Ion Ratio Lower Upper

139 100

109 58.6 43.9 83.9

65 92.9 85.7 125.7

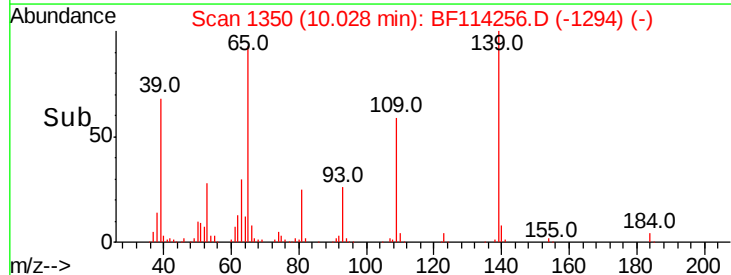
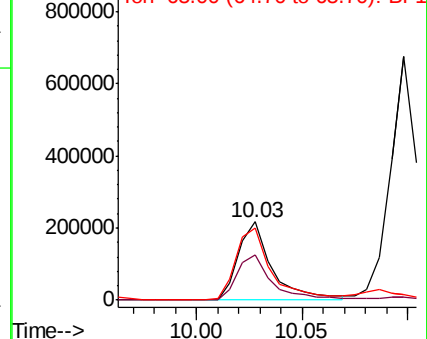


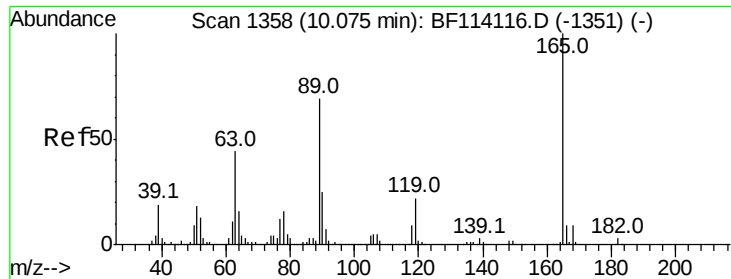
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

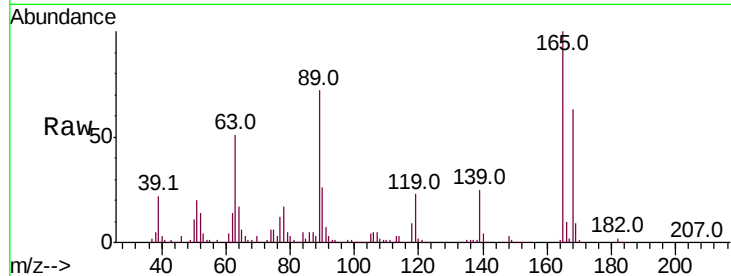




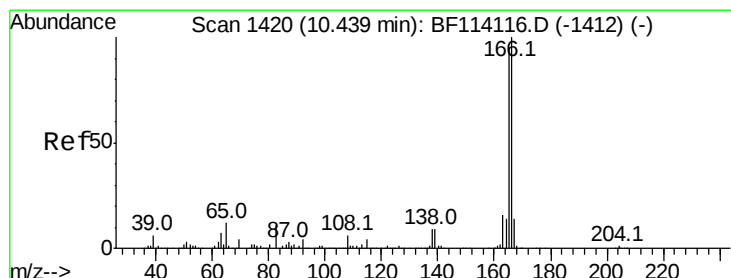
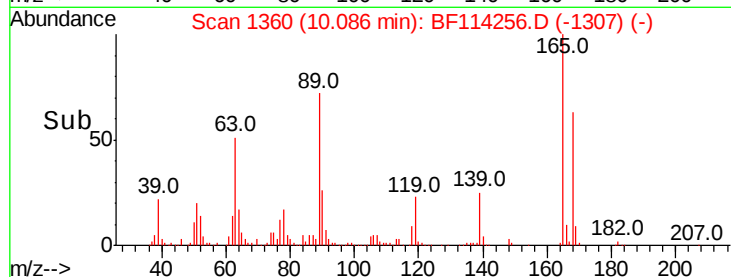
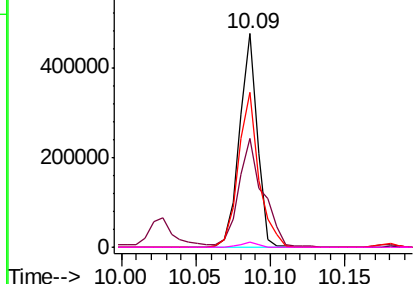
#57
 2,4-Dinitrotoluene
 Concen: 39.472 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	398364
Ion	Ratio	Lower Upper
165	100	
63	50.9	35.5 53.3
89	72.5	55.2 82.8
182	2.4	2.2 3.2

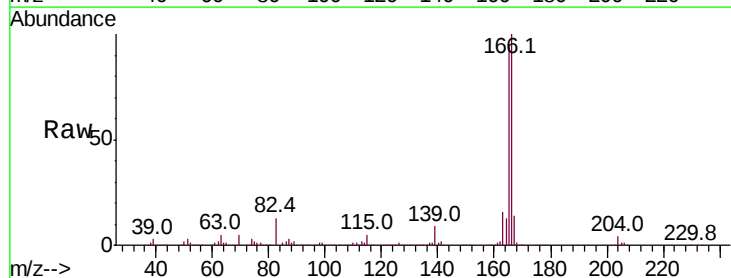


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

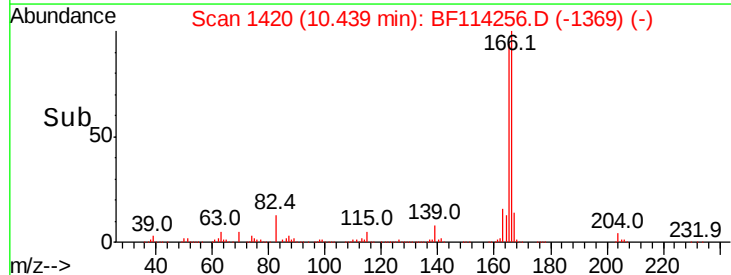
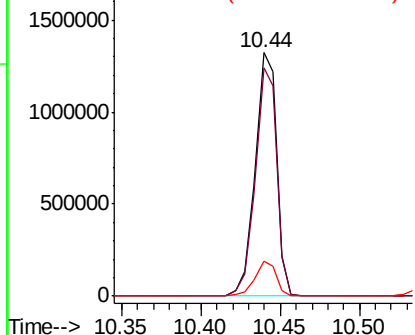


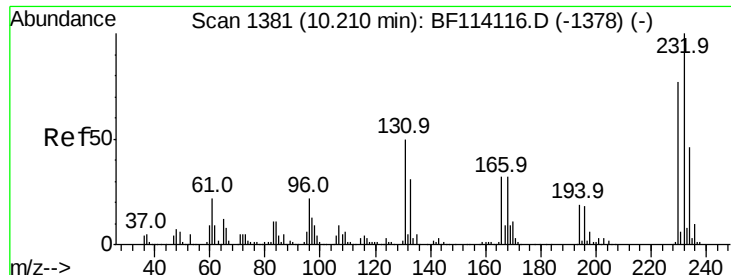
#58
 Fluorene
 Concen: 39.791 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion:166	Resp:	1248891
Ion	Ratio	Lower Upper
166	100	
165	93.7	76.1 114.1
167	14.2	11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

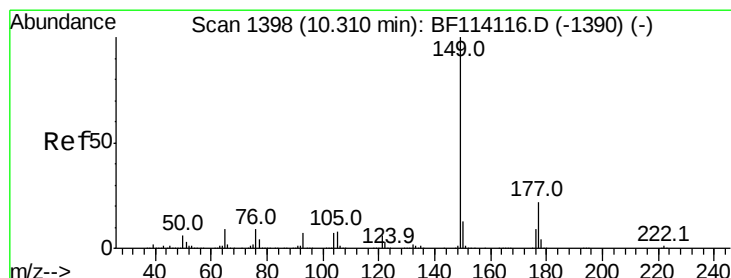
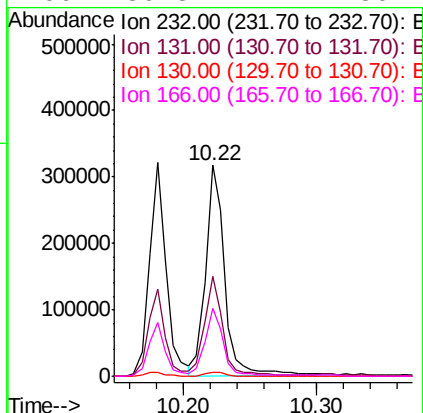
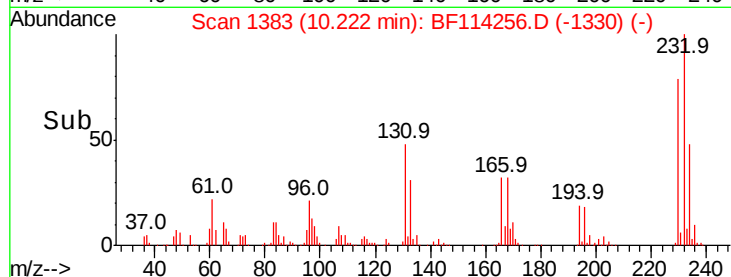
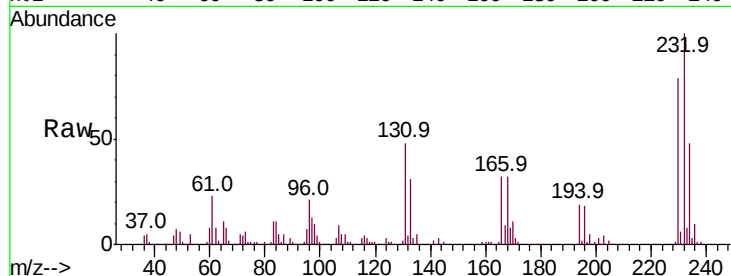




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.965 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

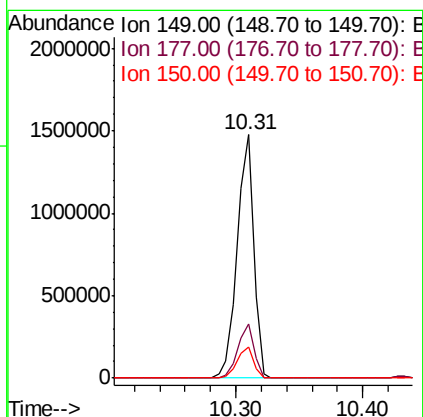
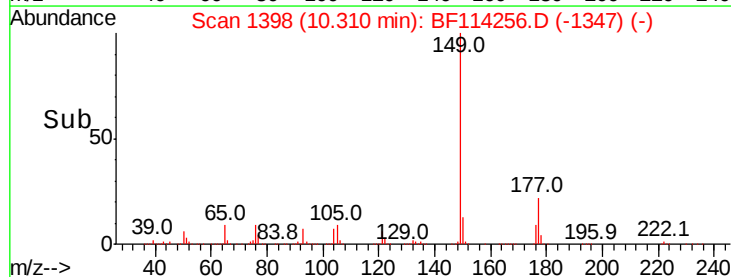
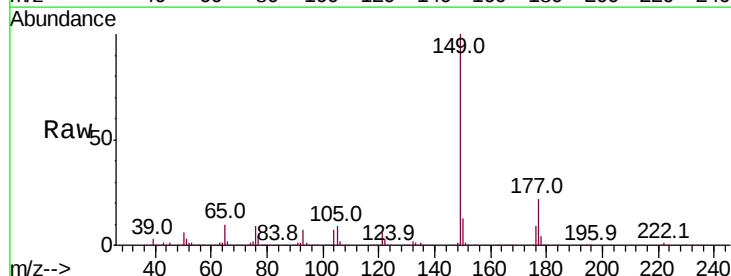
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

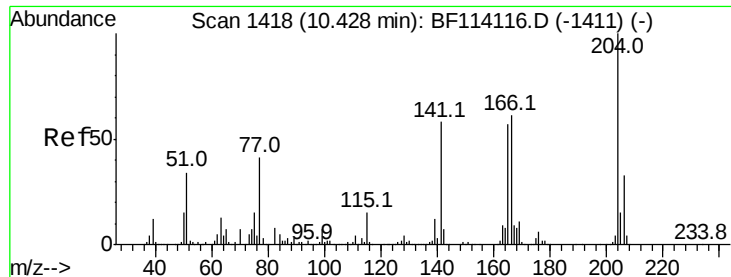
Tot Ion:	232	Resp:	311239
Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.6	53.4
130	2.2	1.6	2.4
166	30.3	24.1	36.1



#60
 Diethylphthalate
 Concen: 38.699 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion:	149	Resp:	1318198
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.8	10.2	15.2

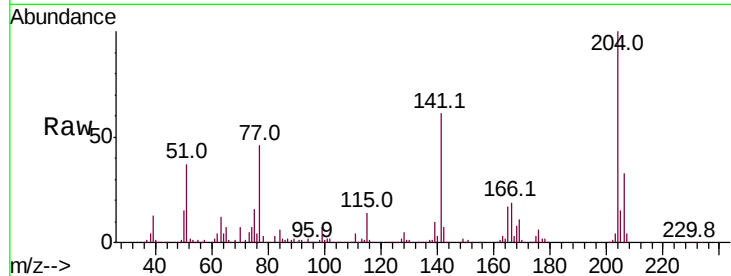




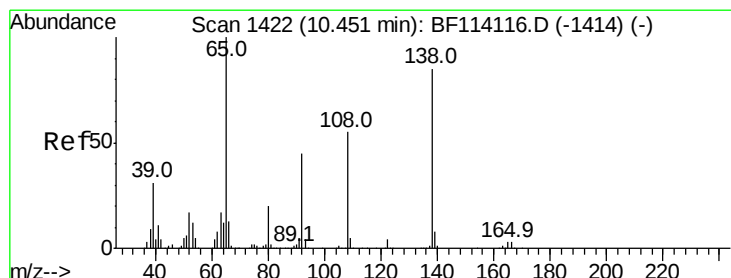
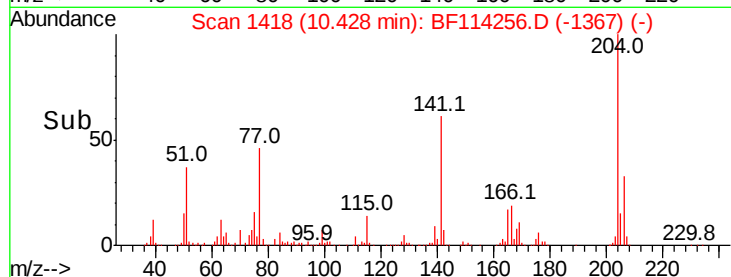
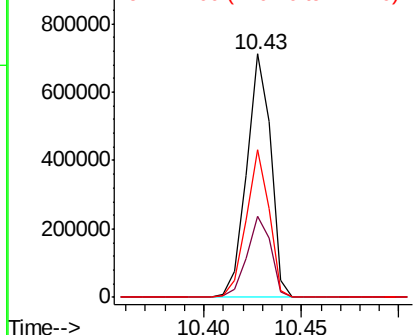
#61
4-Chlorophenyl-phenylether
Concen: 39.394 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 607271
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 60.9 46.4 69.6

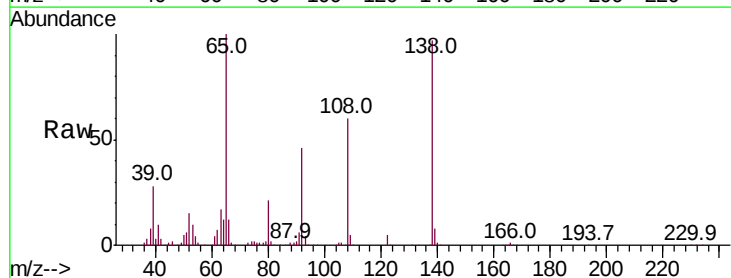


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

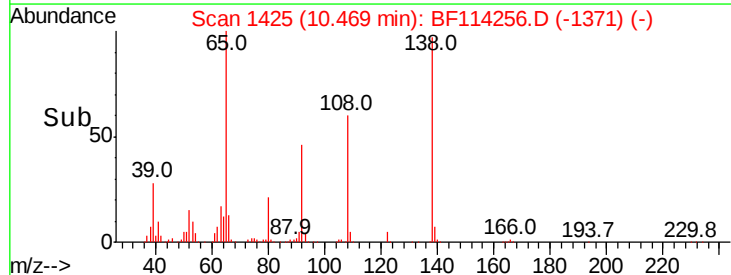
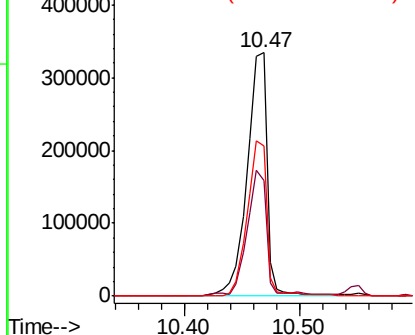


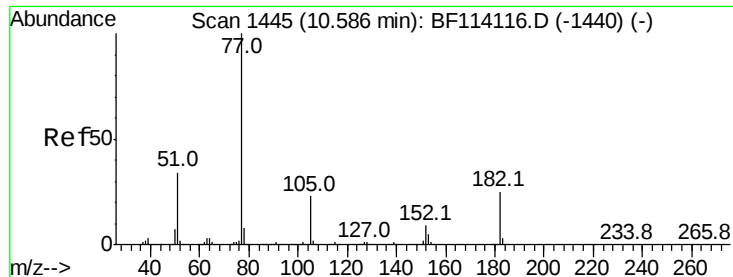
#62
4-Nitroaniline
Concen: 41.797 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:138 Resp: 405402
Ion Ratio Lower Upper
138 100
92 47.4 33.0 73.0
108 61.9 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.637 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1306877

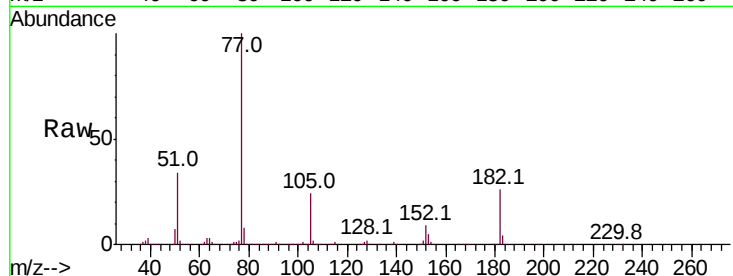
Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.7	44.7
105	23.9	2.9	42.9
51	33.8	14.6	54.6

77 100

182 26.1 4.7 44.7

105 23.9 2.9 42.9

51 33.8 14.6 54.6

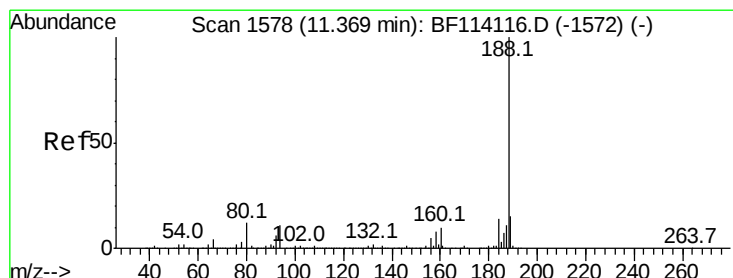
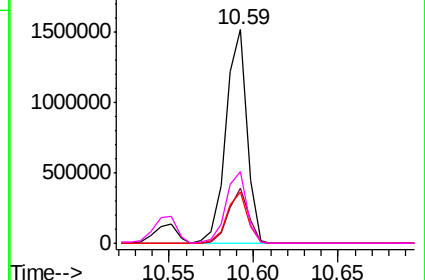
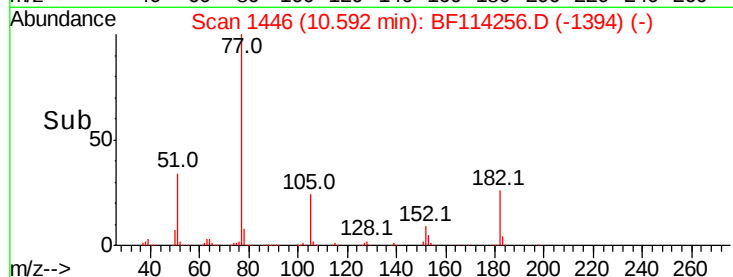


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

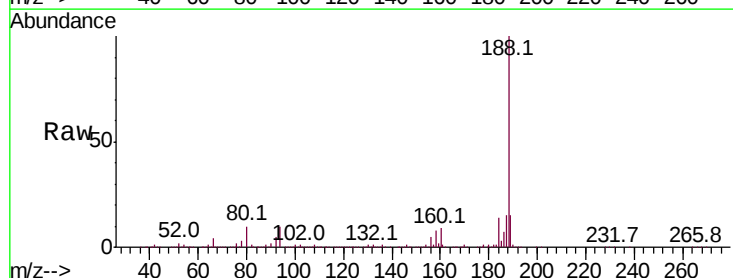
Tgt Ion: 188 Resp: 893179

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	10.2	9.2	13.8

188 100

94 9.8 8.4 12.6

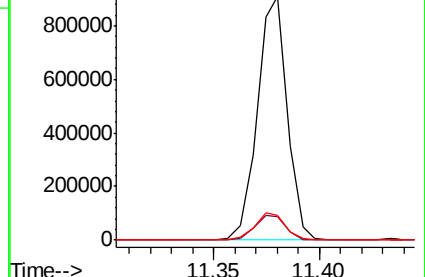
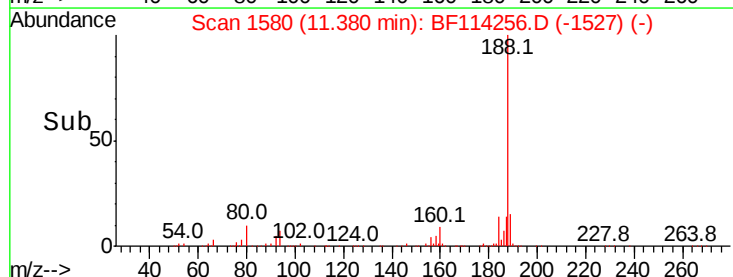
80 10.2 9.2 13.8

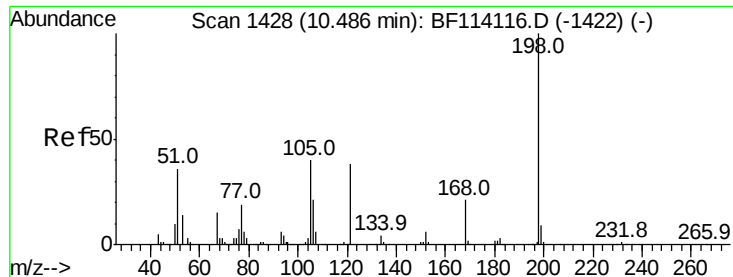


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

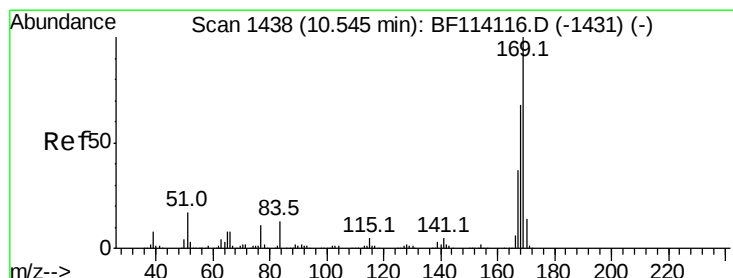
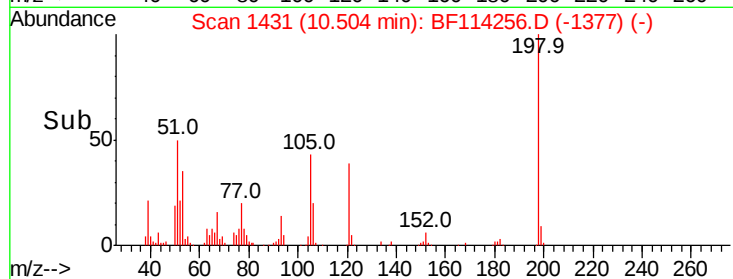
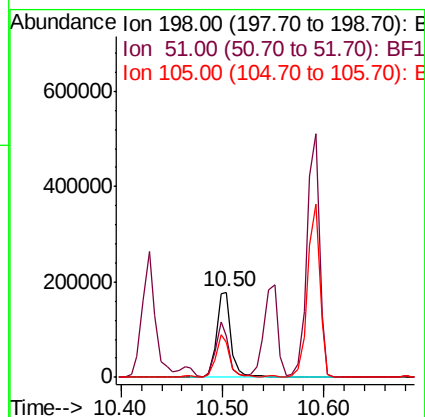
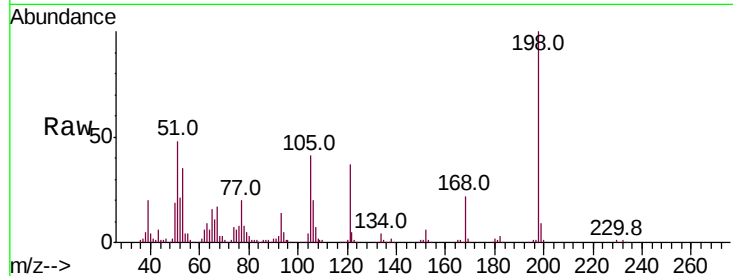




#65
4,6-Dinitro-2-methylphenol
Concen: 41.954 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

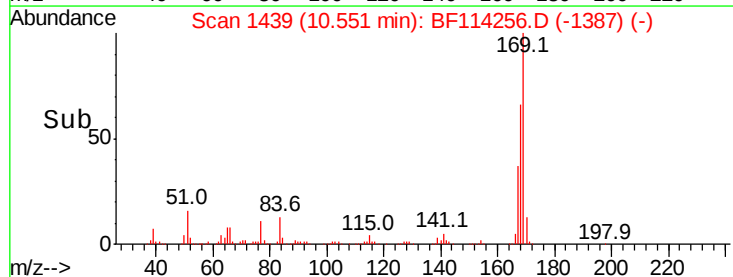
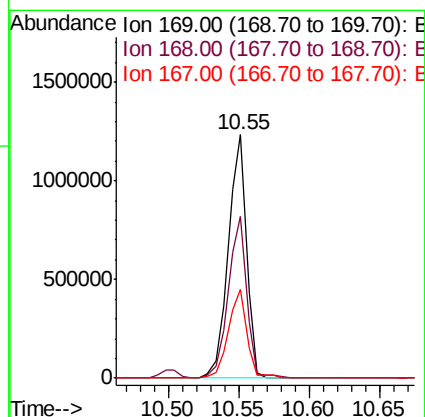
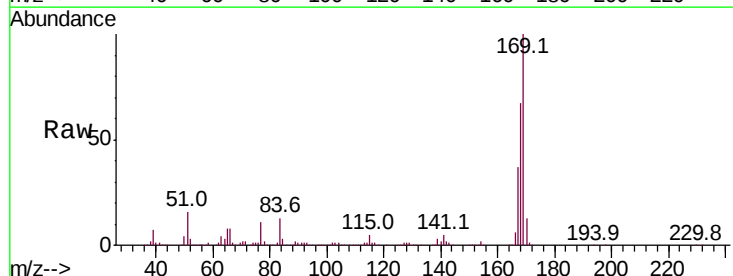
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

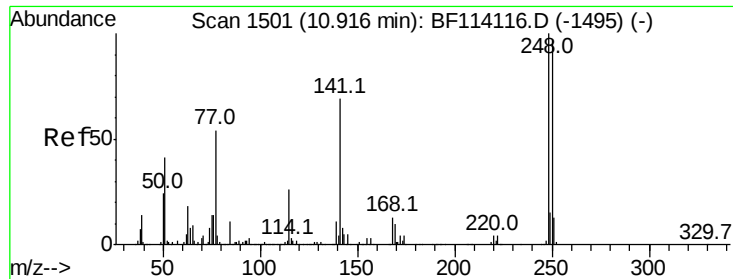
Tot Ion:198 Resp: 180060
Ion Ratio Lower Upper
198 100
51 48.2 28.0 68.0
105 41.4 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 40.795 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:169 Resp: 1105875
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.2
167 36.6 29.8 44.8

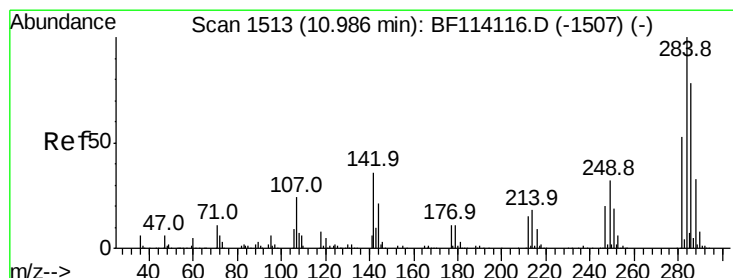
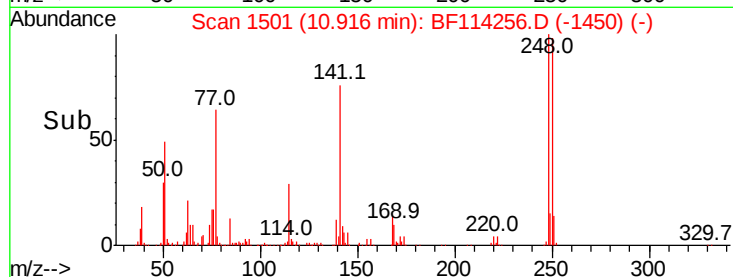
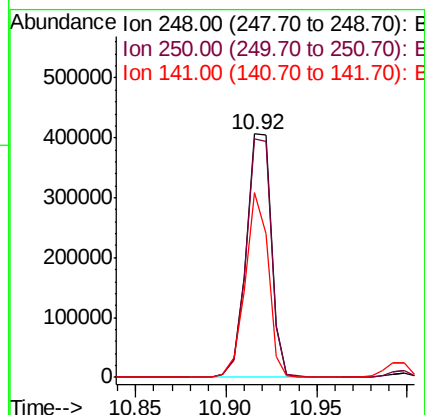
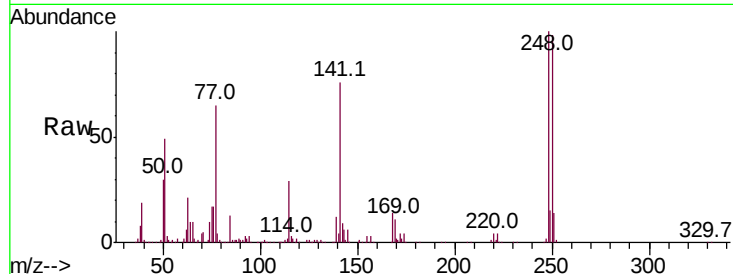




#67
4-Bromophenyl-phenylether
Concen: 39.839 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

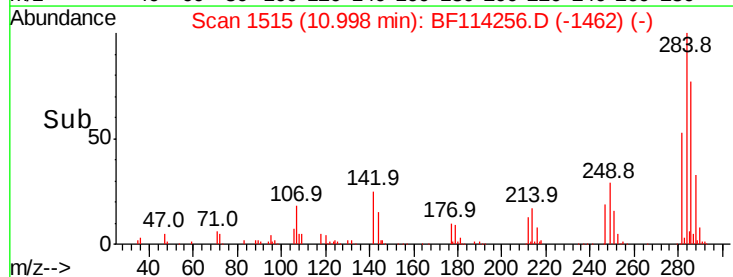
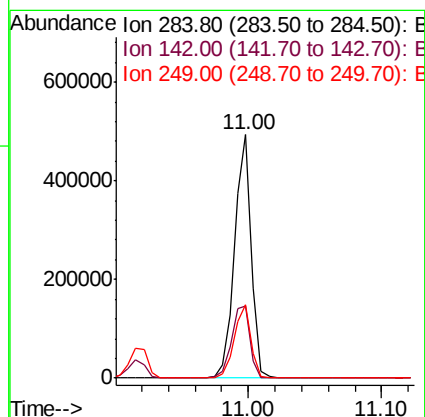
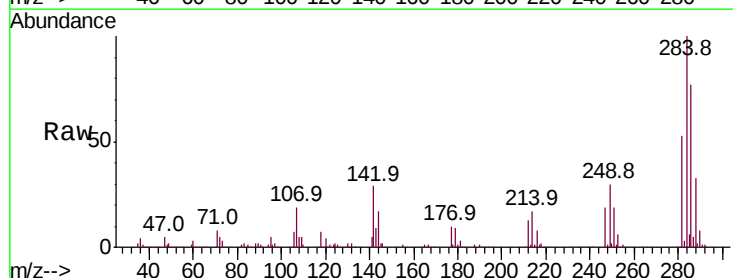
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

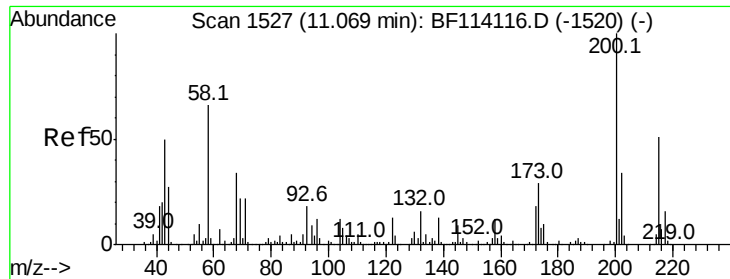
Tot Ion:248 Resp: 391793
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.2
141 75.7 55.6 83.4



#68
Hexachlorobenzene
Concen: 39.983 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:284 Resp: 434987
Ion Ratio Lower Upper
284 100
142 29.4 28.4 42.6
249 29.9 25.2 37.8

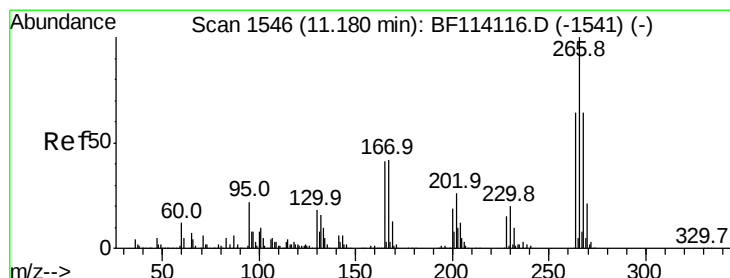
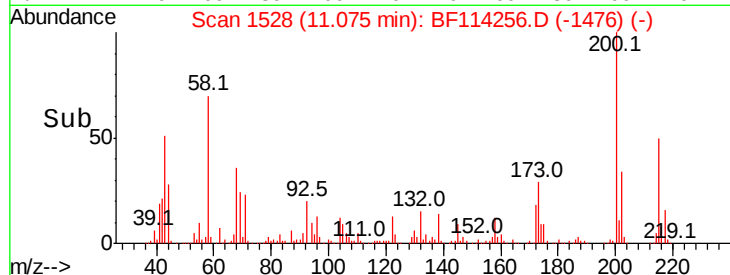
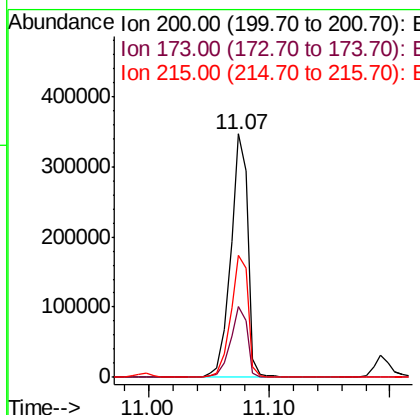
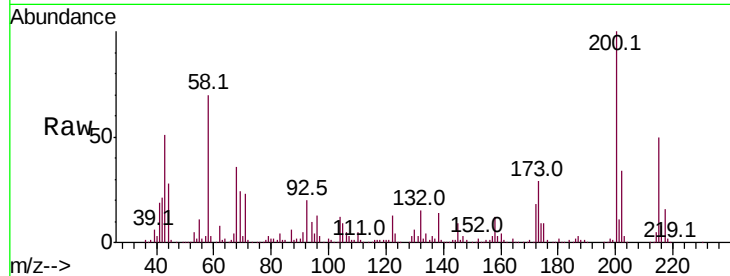




#69
Atrazine
Concen: 40.242 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

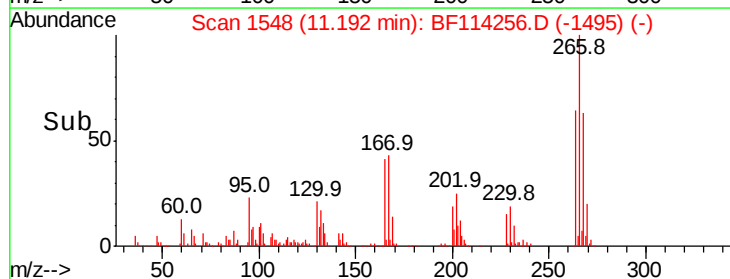
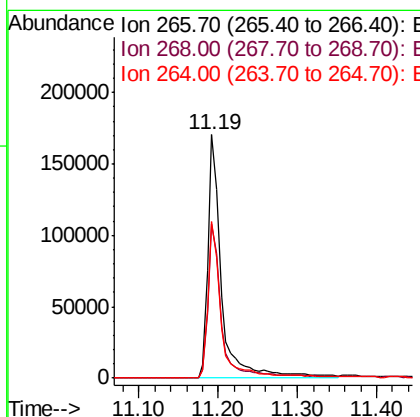
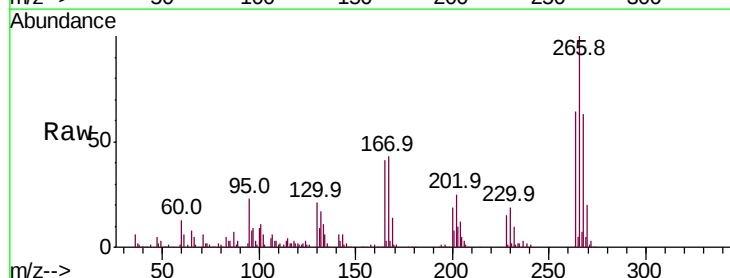
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

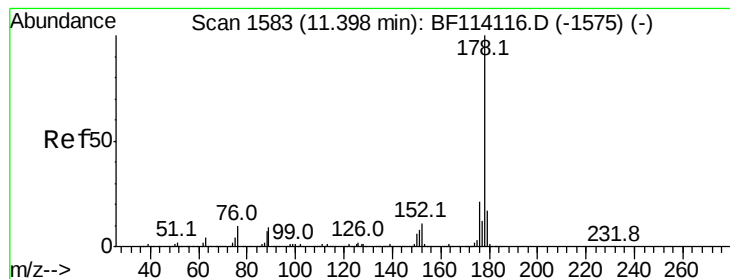
Tot Ion:200 Resp: 339476
Ion Ratio Lower Upper
200 100
173 29.3 8.9 48.9
215 49.9 30.7 70.7



#70
Pentachlorophenol
Concen: 40.201 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:266 Resp: 207326
Ion Ratio Lower Upper
266 100
268 63.4 51.1 76.7
264 64.1 51.1 76.7





#71

Phenanthrene

Concen: 41.029 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

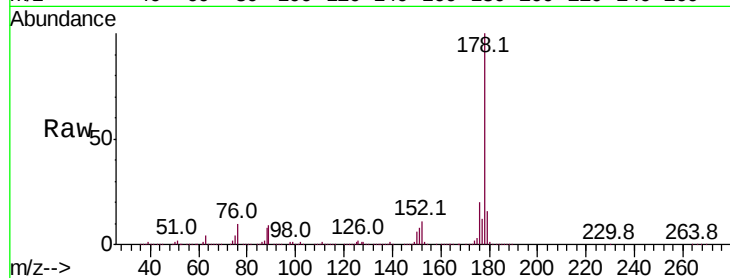
Tot Ion:178 Resp: 1782880

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

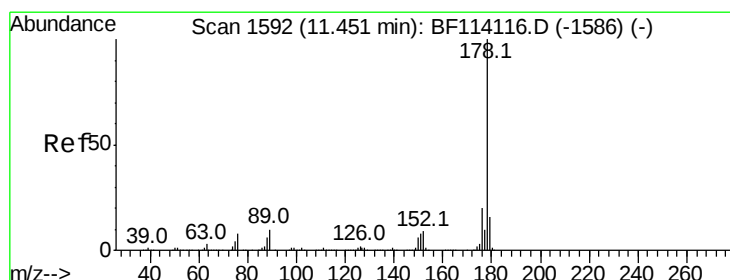
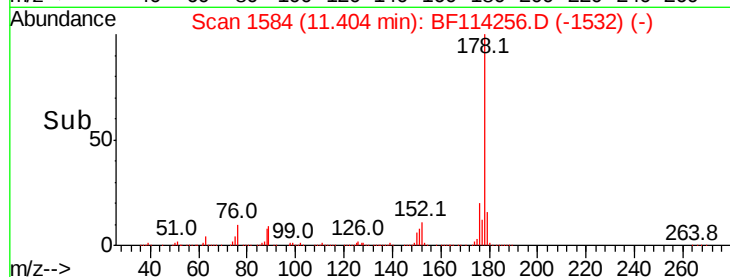
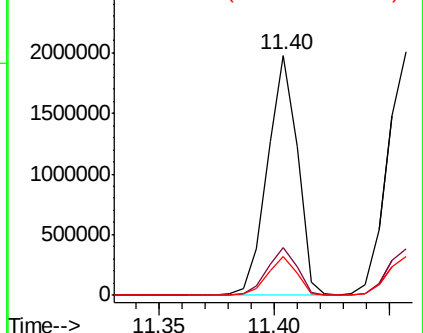
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.254 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

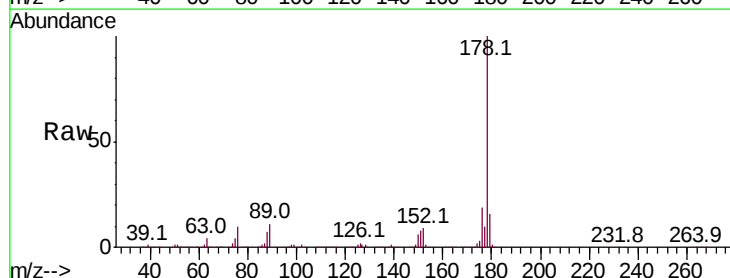
Tgt Ion:178 Resp: 1800555

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

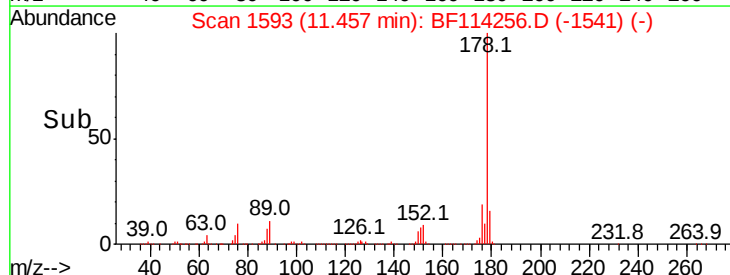
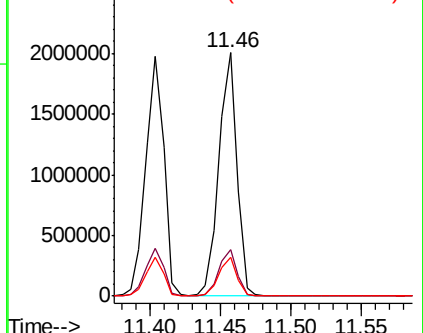
179 16.1 13.0 19.4

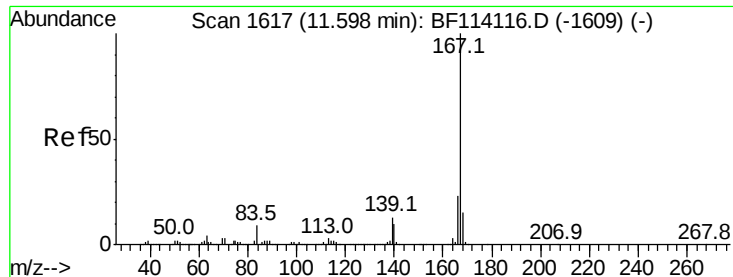


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.067 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

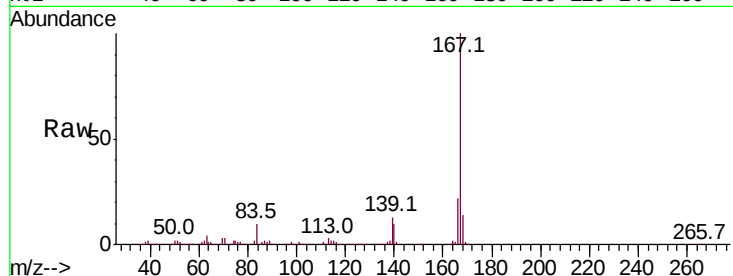
Tot Ion:167 Resp: 1750836

Ion Ratio Lower Upper

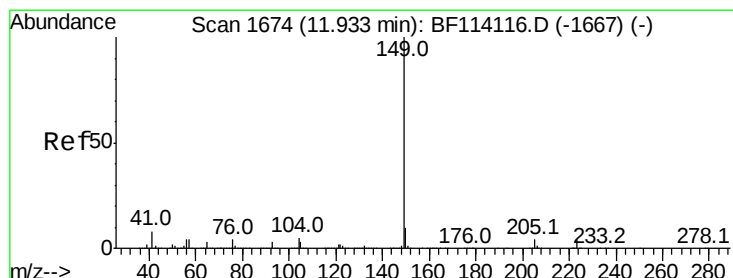
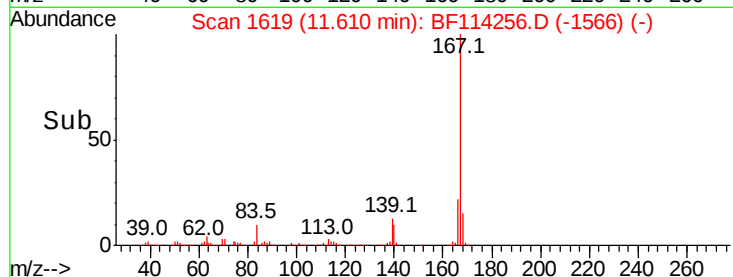
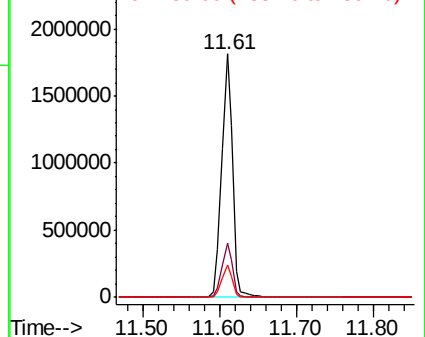
167 100

166 22.0 18.2 27.2

139 13.3 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.815 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

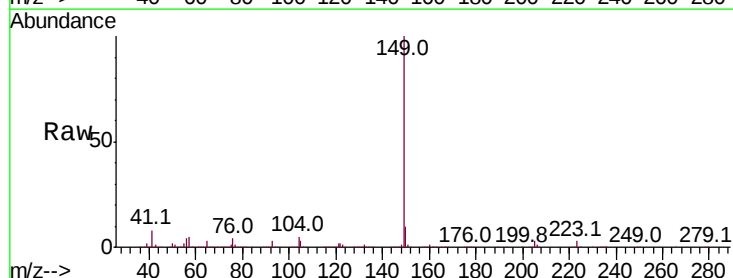
Tgt Ion:149 Resp: 2005061

Ion Ratio Lower Upper

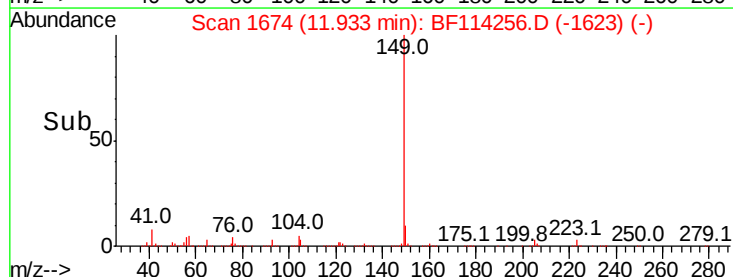
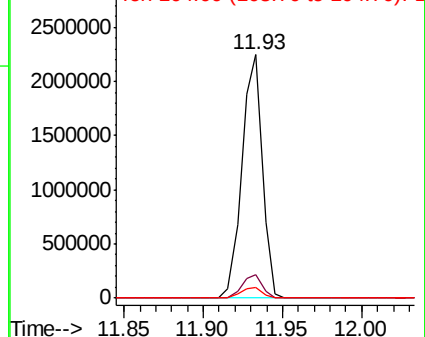
149 100

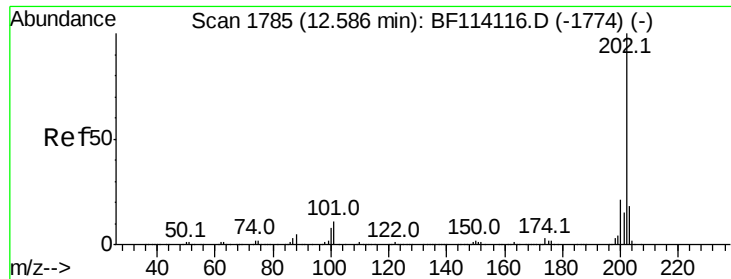
150 9.6 7.7 11.5

104 4.6 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.716 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

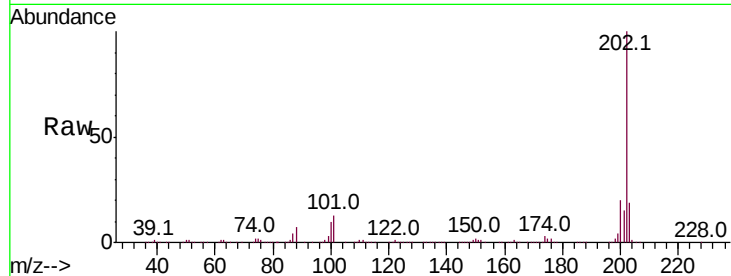
Tot Ion:202 Resp: 1905297

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.0

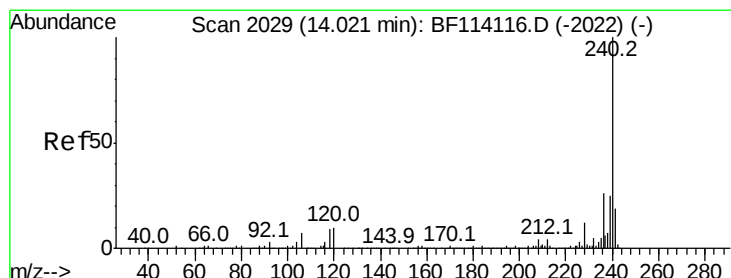
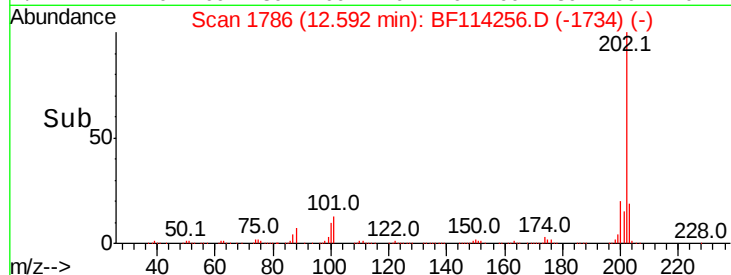
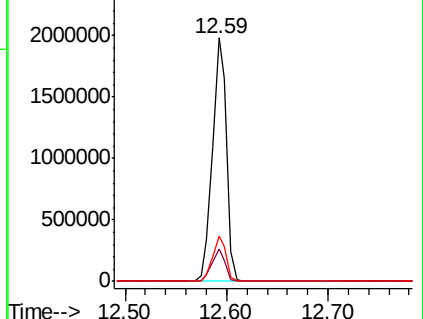
203 18.5 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

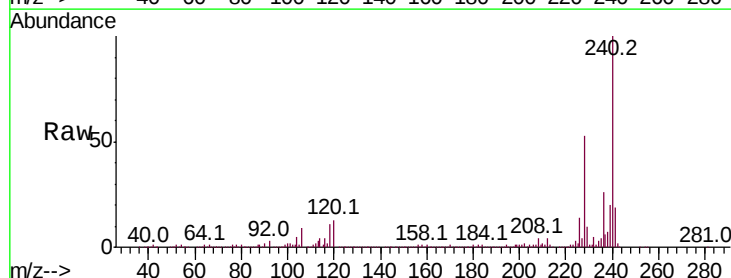
Tgt Ion:240 Resp: 625556

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

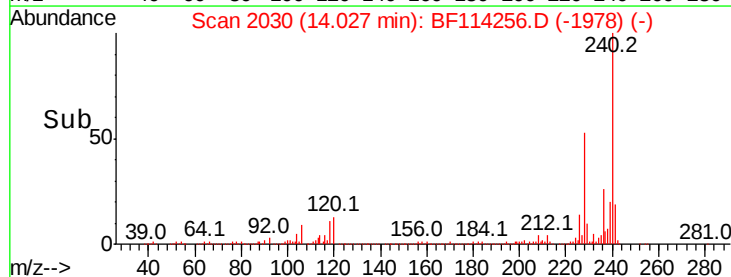
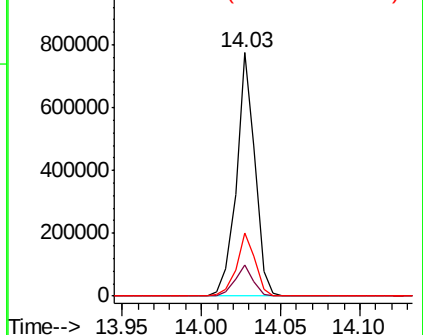
236 25.7 20.8 31.2

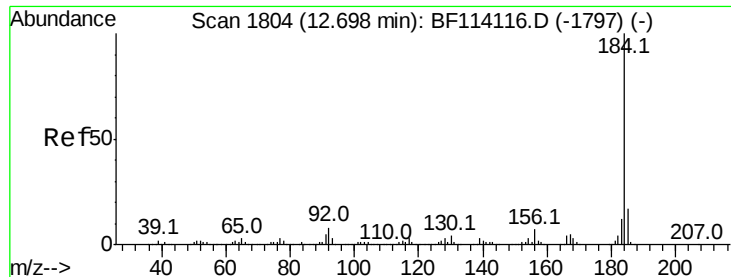


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.755 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

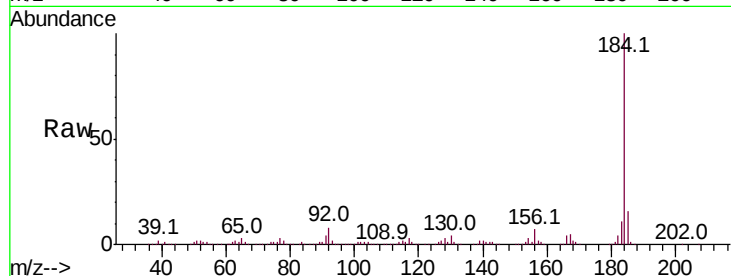
Tot Ion:184 Resp: 891691

Ion Ratio Lower Upper

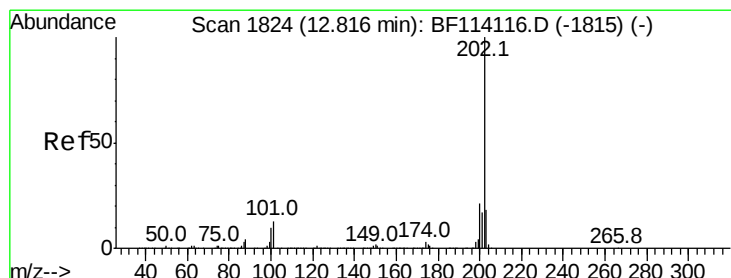
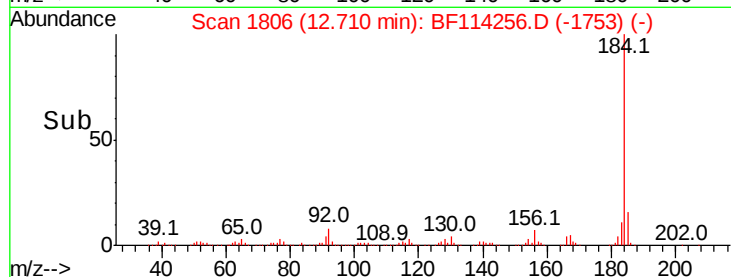
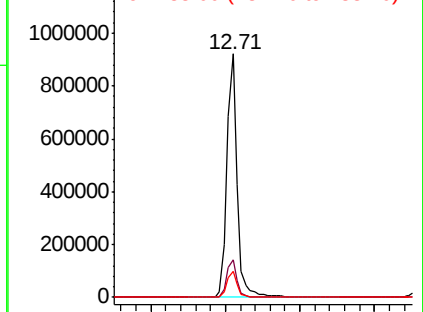
184 100

185 15.7 13.6 20.4

183 10.8 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.724 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

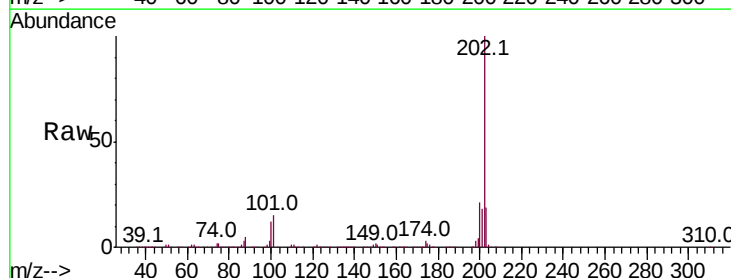
Tgt Ion:202 Resp: 1948707

Ion Ratio Lower Upper

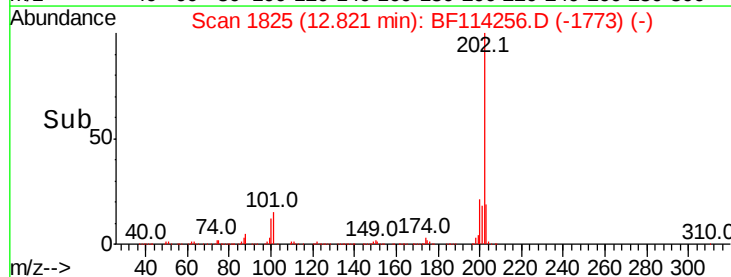
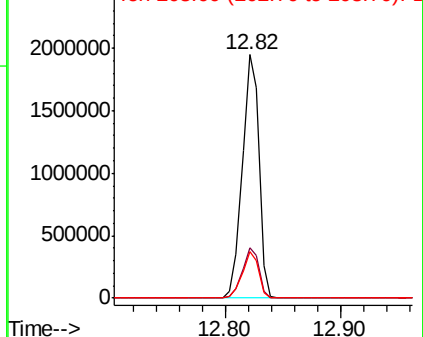
202 100

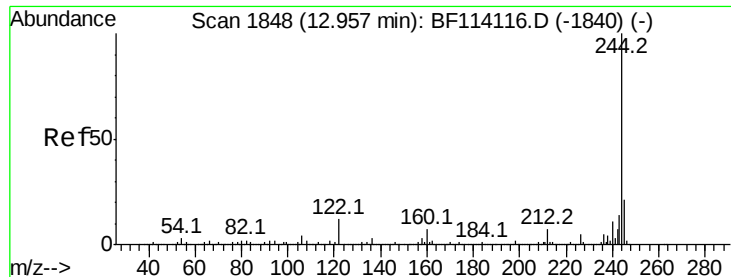
200 20.9 16.9 25.3

203 18.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

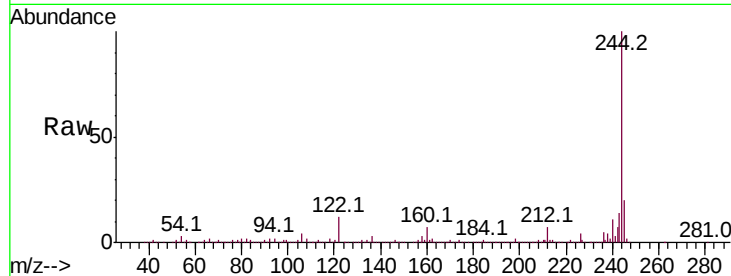




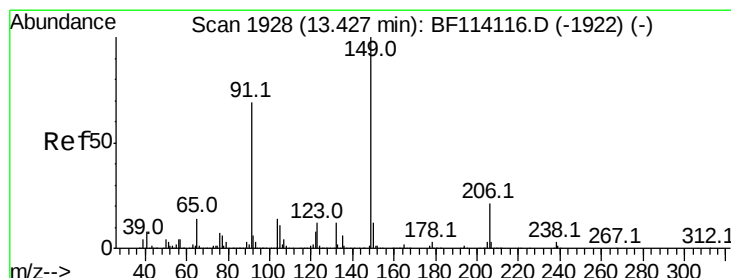
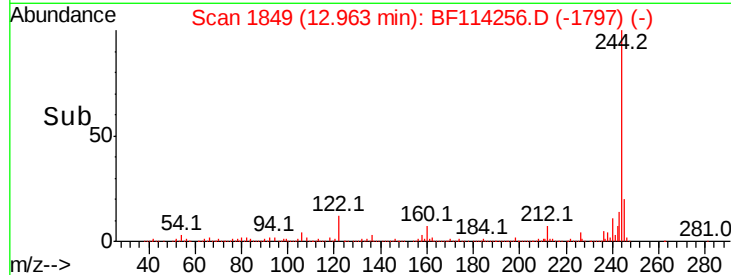
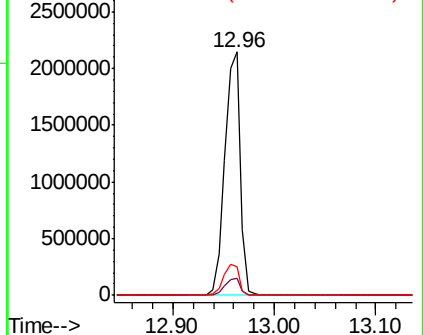
#79
 Terphenyl-d14
 Concen: 74.623 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2264492
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.9 9.4 14.2

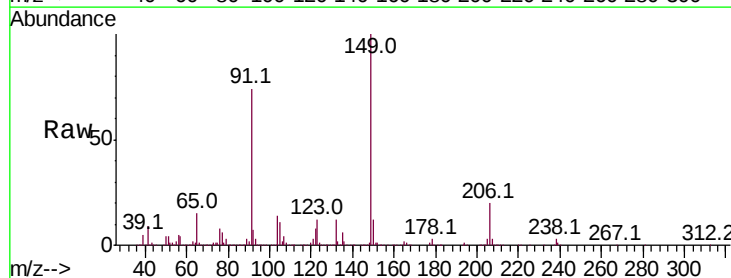


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

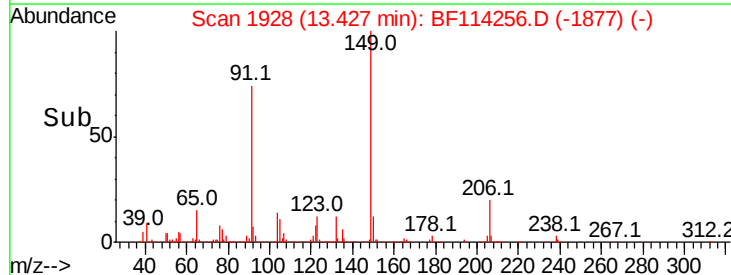
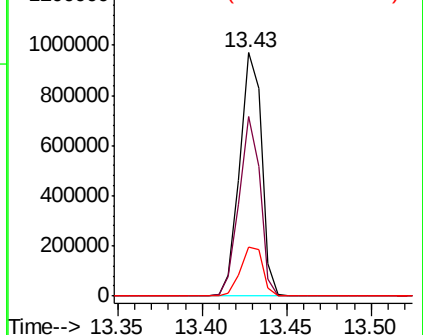


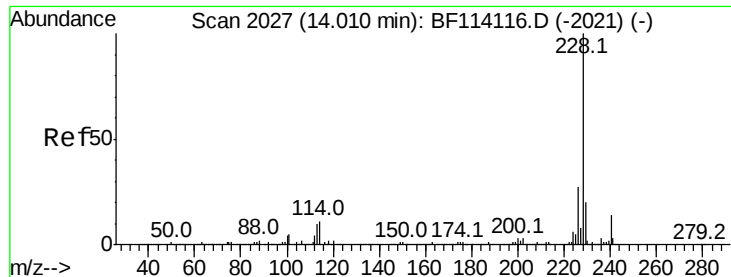
#80
 Butylbenzylphthalate
 Concen: 41.443 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF114256.D
 Acq: 14 May 2019 16:30

Tgt Ion:149 Resp: 877813
 Ion Ratio Lower Upper
 149 100
 91 73.8 55.0 82.4
 206 20.1 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.528 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

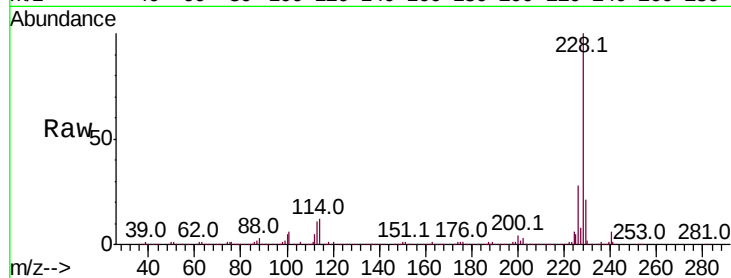
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1680261

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.6	16.4	24.6

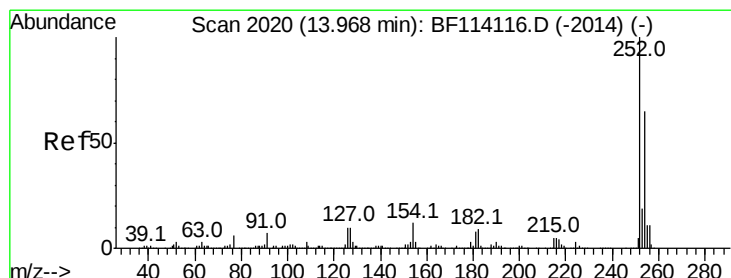
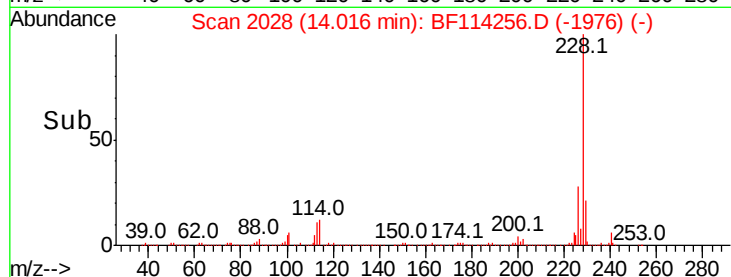
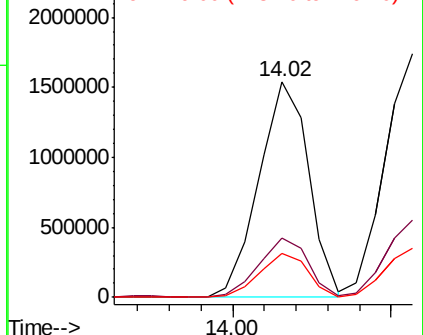


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.368 ng

RT: 13.97 min Scan# 2021

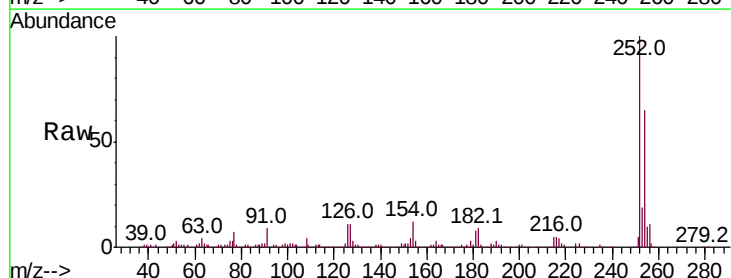
Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Tgt Ion:252 Resp: 665003

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	11.3	7.9	11.9

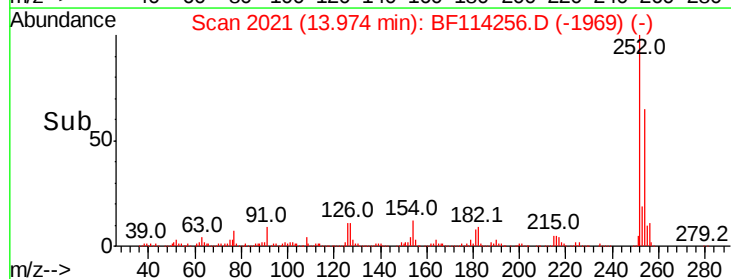
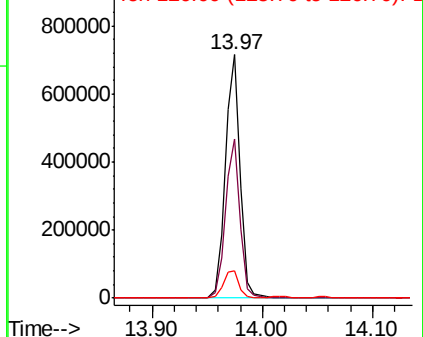


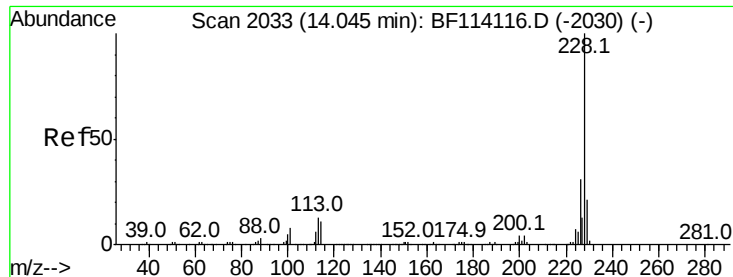
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.943 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

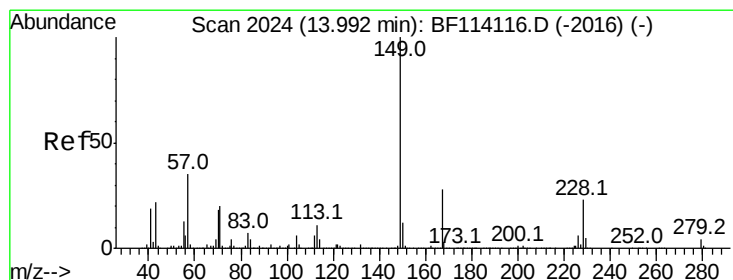
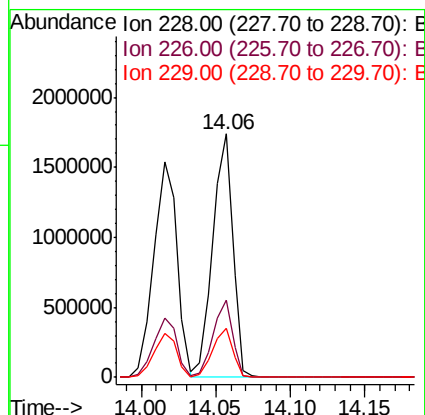
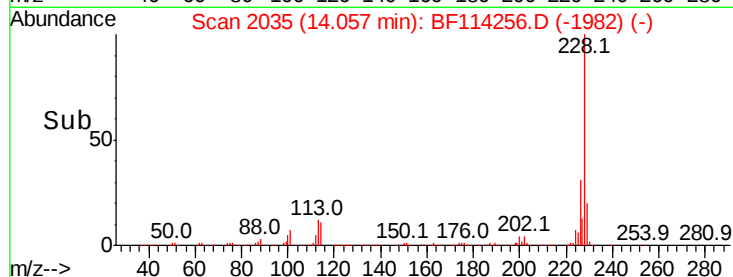
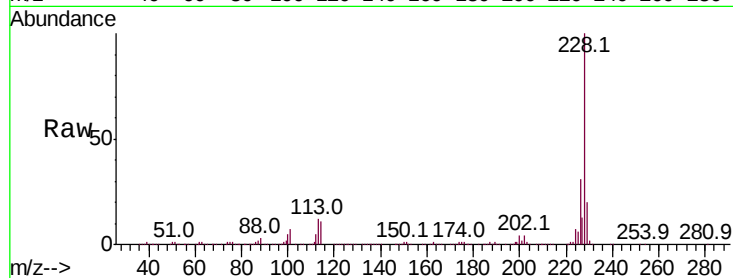
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1623916

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.2	17.0	25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.170 ng

RT: 13.99 min Scan# 2024

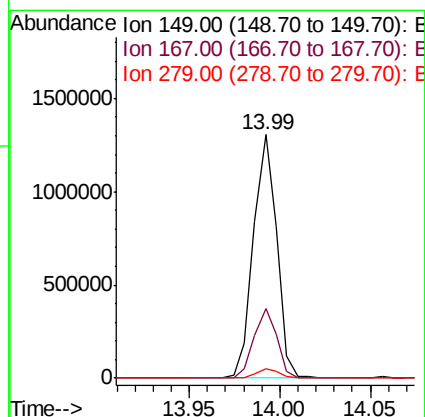
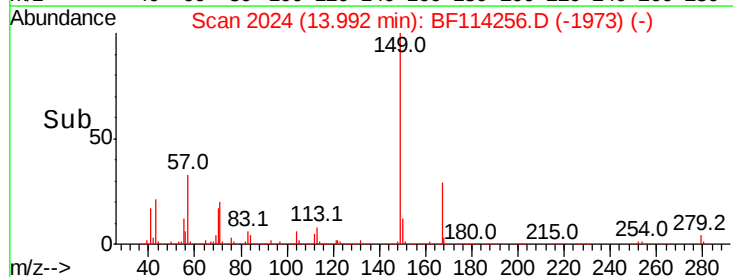
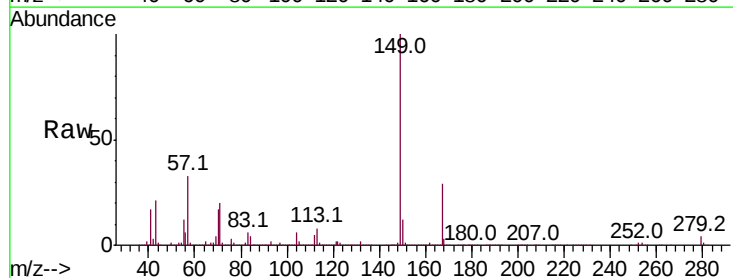
Delta R.T. 0.00 min

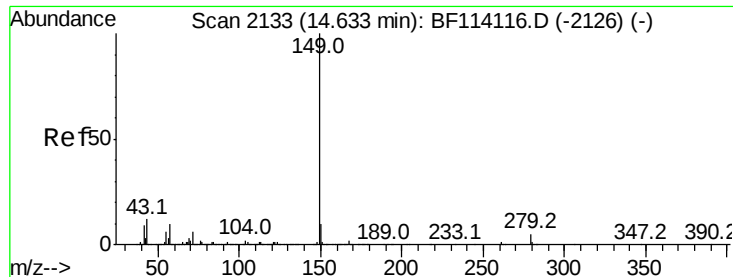
Lab File: BF114256.D

Acq: 14 May 2019 16:30

Tgt Ion:149 Resp: 1168215

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	33.8
279	3.8	3.0	4.6

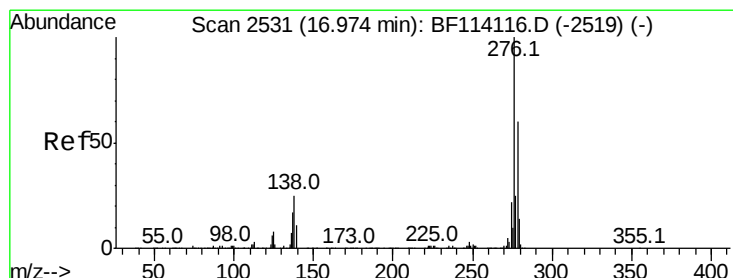
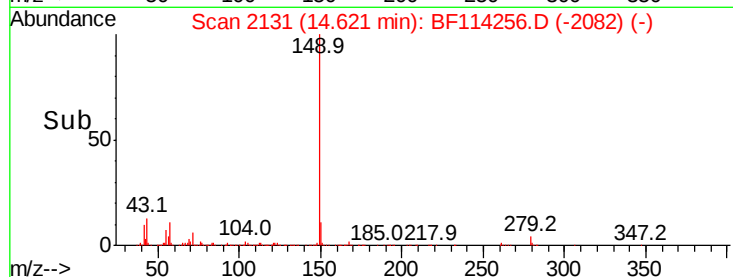
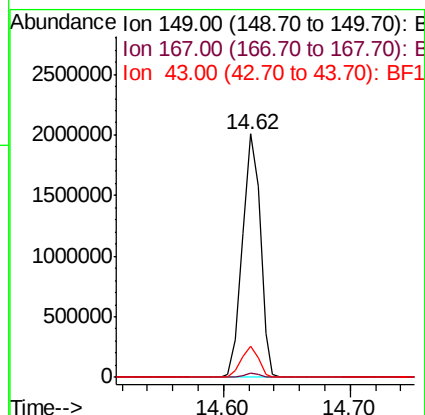
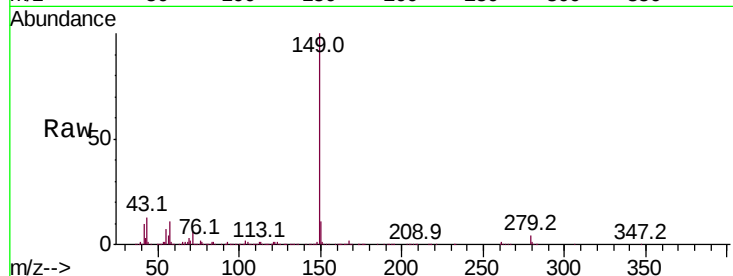




#85
Di-n-octyl phthalate
Concen: 43.323 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

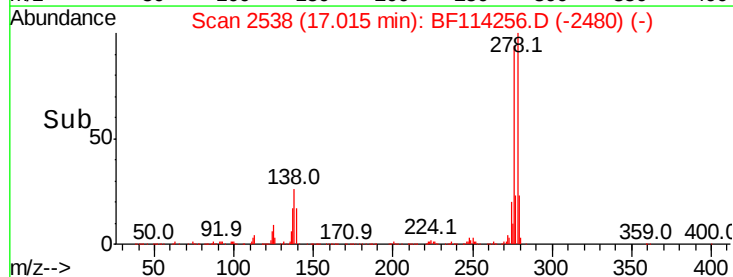
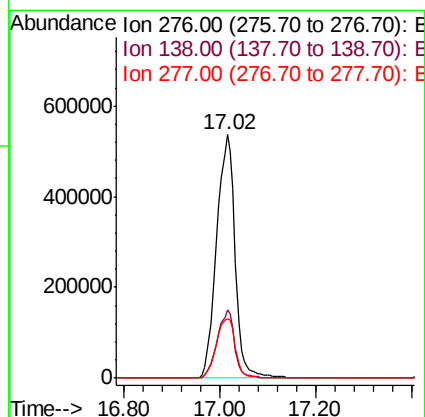
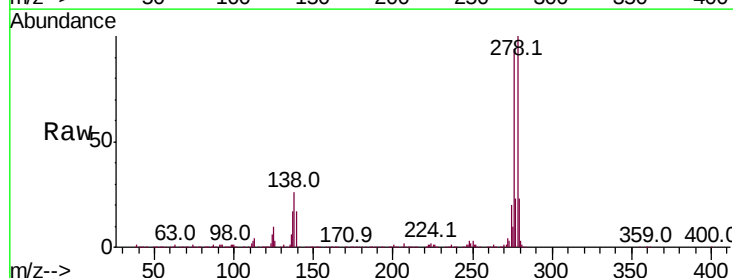
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

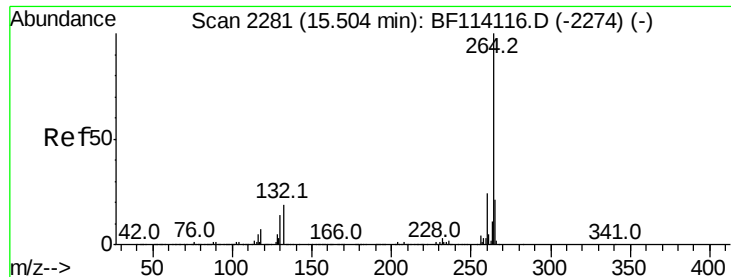
Tot Ion:149 Resp: 1945519
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.289 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.04 min
Lab File: BF114256.D
Acq: 14 May 2019 16:30

Tgt Ion:276 Resp: 1447333
Ion Ratio Lower Upper
276 100
138 26.5 20.2 30.2
277 25.2 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

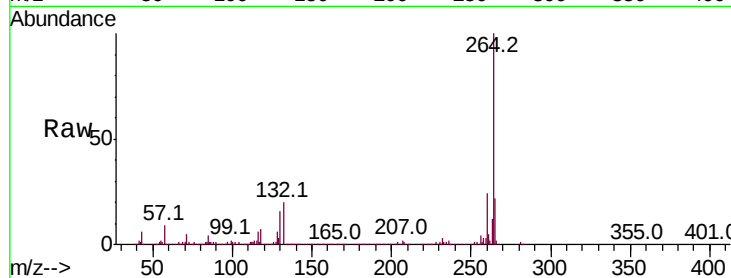
Tot Ion:264 Resp: 624521

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.5 16.9 25.3

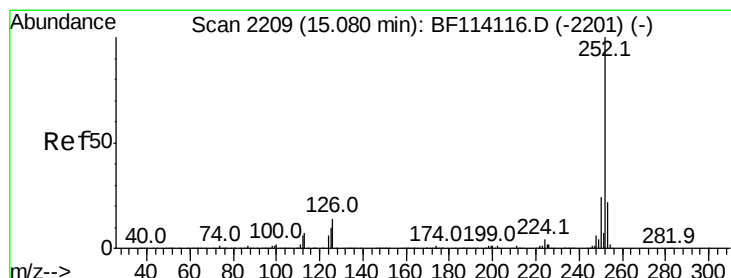
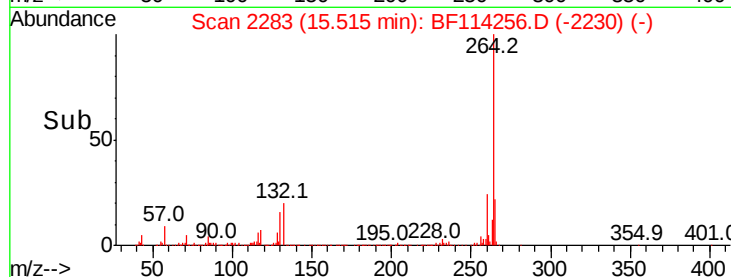
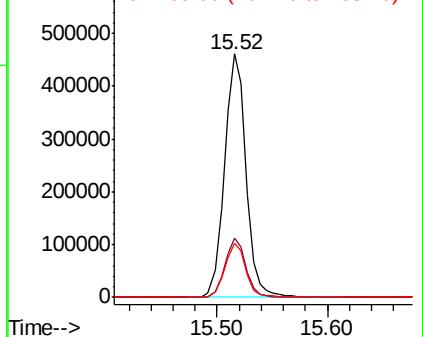


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.273 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

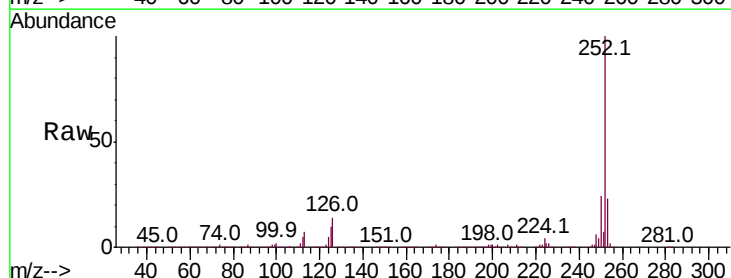
Tgt Ion:252 Resp: 1691377

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 10.4 8.3 12.5

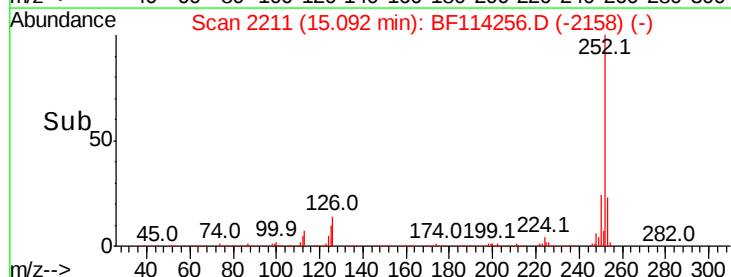
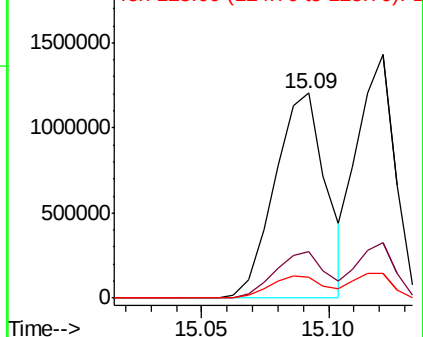


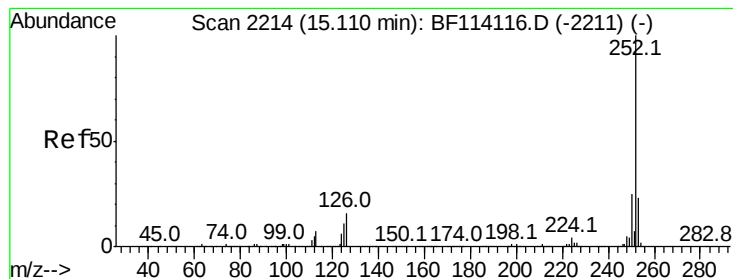
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.352 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

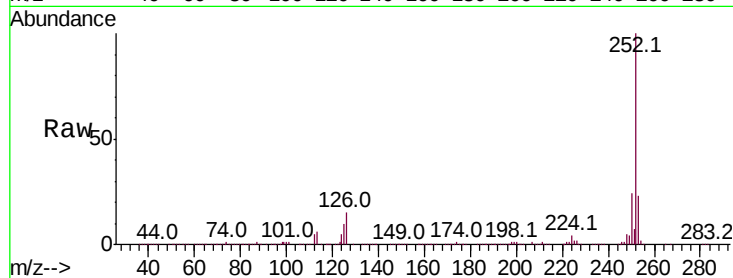
Tot Ion:252 Resp: 1483082

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 10.4 8.6 13.0

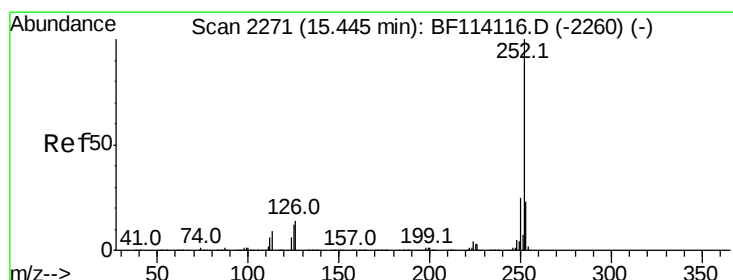
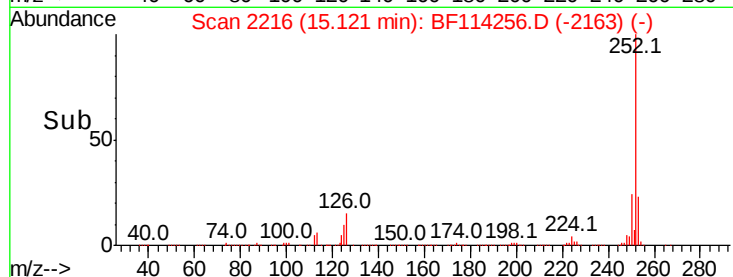
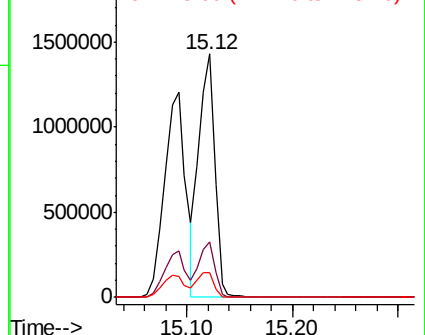


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.067 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

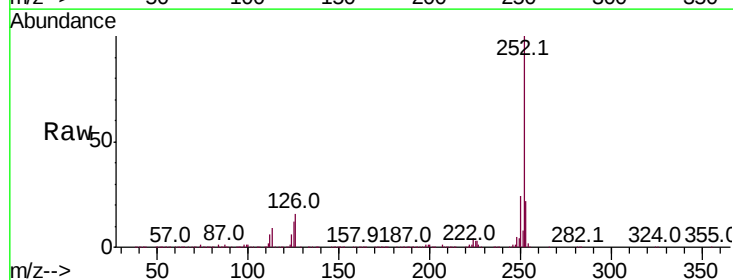
Tgt Ion:252 Resp: 1481293

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 12.4 9.5 14.3

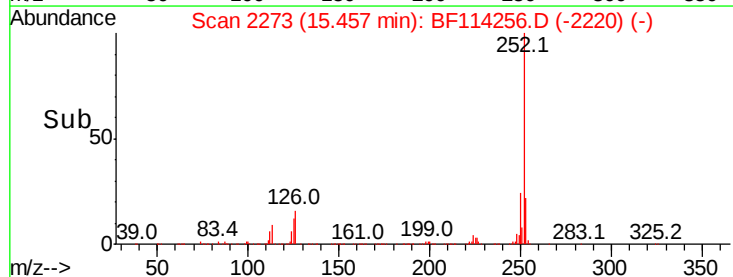
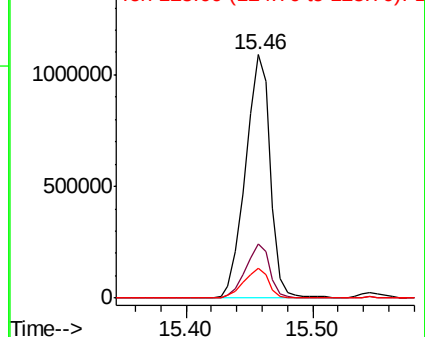


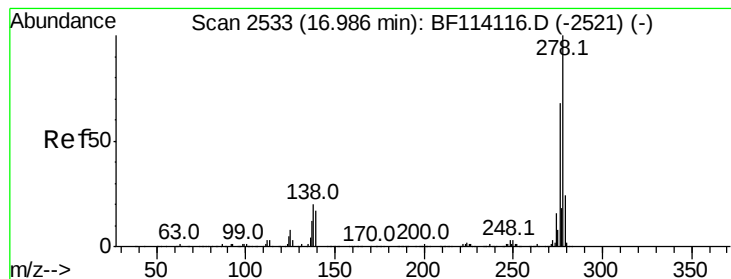
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.366 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.04 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

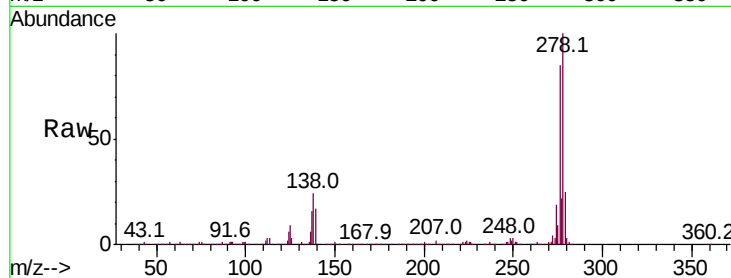
Tot Ion:278 Resp: 1181114

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	24.9	19.0	28.6

278 100

139 17.3 13.5 20.3

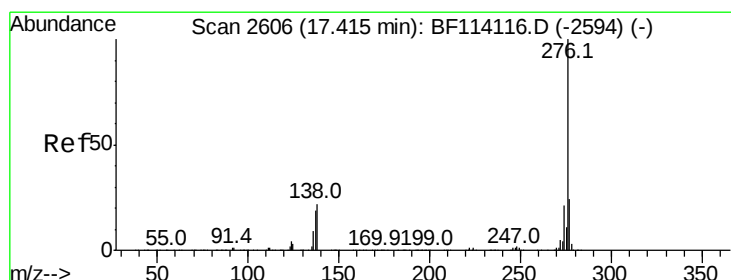
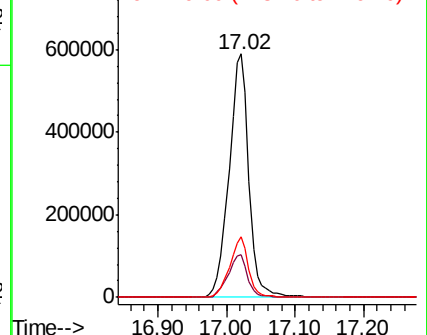
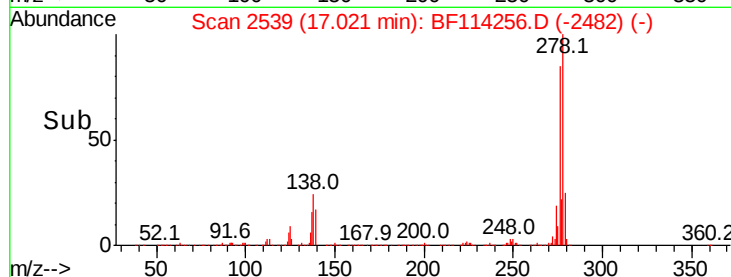
279 24.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

800000 Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.757 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.05 min

Lab File: BF114256.D

Acq: 14 May 2019 16:30

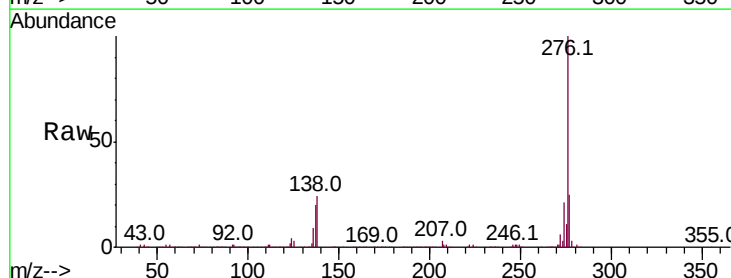
Tgt Ion:276 Resp: 1165799

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.0	28.4
138	23.9	17.8	26.6

276 100

277 24.9 19.0 28.4

138 23.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

500000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

