

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114162.D
 Acq On : 11 May 2019 19:30
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 12 05:53:50 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	6.85	152	346925	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1500579	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	707525	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1368506	20.00	ng	0.00
76) Chrysene-d12	14.01	240	925989	20.00	ng	-0.01
87) Perylene-d12	15.47	264	1001121	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1593906	73.94	ng	0.00
7) Phenol-d6	6.49	99	1985769	77.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	2139205	80.00	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	561930	76.82	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3437735	73.50	ng	0.00
79) Terphenyl-d14	12.95	244	3370590	75.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	398056	33.593	ng	99
3) Pyridine	3.38	79	1137876	34.853	ng	98
4) n-Nitrosodimethylamine	3.33	42	550907	34.992	ng	97
6) Aniline	6.52	93	1460365	39.650	ng	99
8) 2-Chlorophenol	6.64	128	909696	39.527	ng	98
9) Benzaldehyde	6.40	77	685692	38.414	ng	99
10) Phenol	6.50	94	1160422	38.688	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	931138	40.891	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1020996	39.522	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1043246	40.075	ng	99
14) 1,2-Dichlorobenzene	7.03	146	966008	40.617	ng	99
15) Benzyl Alcohol	6.99	79	830790	41.777	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1860405	42.136	ng	99
17) 2-Methylphenol	7.11	107	784279	41.485	ng	99
18) Hexachloroethane	7.36	117	430495	44.056	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	713076	44.122	ng	98
20) 3+4-Methylphenols	7.26	107	940439	43.055	ng	95
22) Acetophenone	7.26	105	1298217	39.053	ng	99
24) Nitrobenzene	7.43	77	1101677	40.453	ng	98
25) Isophorone	7.67	82	2032958	40.996	ng	99
26) 2-Nitrophenol	7.75	139	551183	41.716	ng	98
27) 2,4-Dimethylphenol	7.79	122	822726	39.646	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1329826	41.330	ng	100
29) 2,4-Dichlorophenol	7.99	162	832553	40.291	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	943607	40.158	ng	98
31) Naphthalene	8.16	128	2790202	39.806	ng	99
32) Benzoic acid	7.93	122	578542	40.401	ng	99
33) 4-Chloroaniline	8.20	127	1297918	40.634	ng	100
34) Hexachlorobutadiene	8.27	225	539228	40.332	ng	98
35) Caprolactam	8.58	113	299937	44.515	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	870796	41.866	ng	100
37) 2-Methylnaphthalene	8.85	142	1864236	41.222	ng	98
38) 1-Methylnaphthalene	8.95	142	1766250	41.472	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	857662	40.017	ng	100

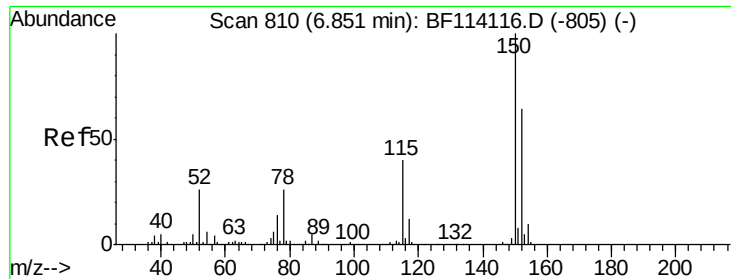
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
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 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	350793	37.557	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	603842	40.961	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	616706	40.792	ng	98
46) 1,1'-Biphenyl	9.31	154	2219856	38.837	ng	98
47) 2-Chloronaphthalene	9.33	162	1817424	39.509	ng	100
48) 2-Nitroaniline	9.43	65	669844	41.059	ng	98
49) Acenaphthylene	9.75	152	2746545	39.257	ng	99
50) Dimethylphthalate	9.61	163	2101189	40.455	ng	98
51) 2,6-Dinitrotoluene	9.67	165	479772	41.647	ng	96
52) Acenaphthene	9.92	154	1661309	38.695	ng	99
53) 3-Nitroaniline	9.84	138	583618	40.812	ng	98
54) 2,4-Dinitrophenol	9.95	184	224343	42.209	ng	98
55) Dibenzofuran	10.09	168	2412733	38.325	ng	99
56) 4-Nitrophenol	10.00	139	399799	39.533	ng	90
57) 2,4-Dinitrotoluene	10.07	165	621924	39.775	ng	96
58) Fluorene	10.43	166	1848696	38.018	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	508399	38.973	ng	100
60) Diethylphthalate	10.30	149	2062507	39.082	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	921490	38.583	ng	97
62) 4-Nitroaniline	10.46	138	587698	39.110	ng	95
63) Azobenzene	10.59	77	1993628	39.028	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	298368	45.373	ng	90
66) n-Nitrosodiphenylamine	10.55	169	1688176	40.645	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	625086	41.485	ng	96
68) Hexachlorobenzene	10.99	284	668318	40.093	ng	99
69) Atrazine	11.07	200	546918	42.314	ng	98
70) Pentachlorophenol	11.18	266	343922	43.524	ng	98
71) Phenanthrene	11.40	178	2632221	39.535	ng	100
72) Anthracene	11.45	178	2665951	39.866	ng	99
73) Carbazole	11.60	167	2544532	39.902	ng	99
74) Di-n-butylphthalate	11.93	149	3095608	42.135	ng	97
75) Fluoranthene	12.58	202	2793157	38.957	ng	96
77) Benzidine	12.70	184	1686840	40.582	ng	99
78) Pyrene	12.81	202	2862539	38.428	ng	99
80) Butylbenzylphthalate	13.42	149	1359032	43.345	ng	95
81) Benzo(a)anthracene	14.00	228	2405280	40.160	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	1004845	43.249	ng	# 98
83) Chrysene	14.04	228	2375294	40.457	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1768699	43.132	ng	99
85) Di-n-octyl phthalate	14.60	149	2980697	44.839	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2232846	43.032	ng	98
88) Benzo(b)fluoranthene	15.06	252	2516877	39.242	ng	99
89) Benzo(k)fluoranthene	15.09	252	2205045	37.426	ng	99
90) Benzo(a)pyrene	15.42	252	2200600	38.986	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1814762	38.691	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1801538	38.326	ng	98

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

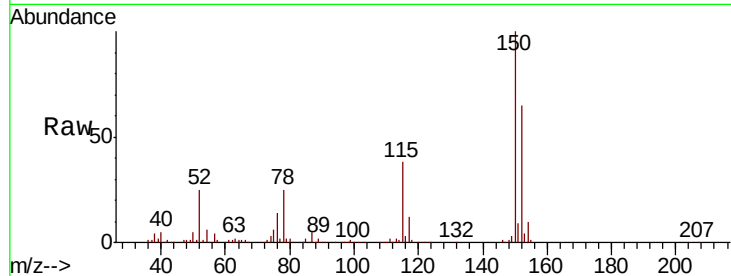


#1

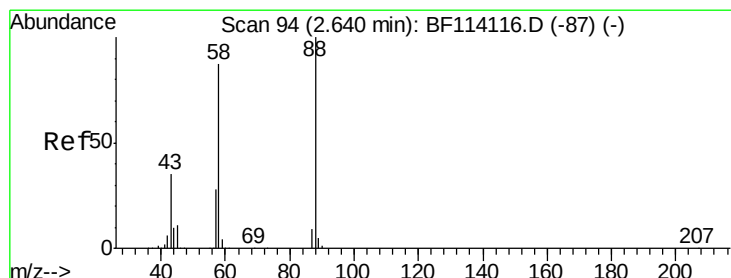
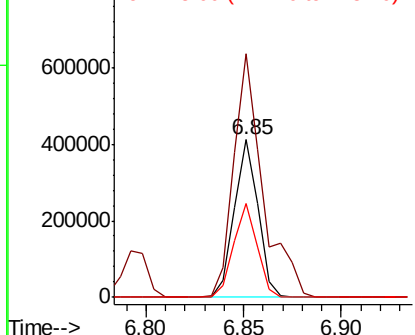
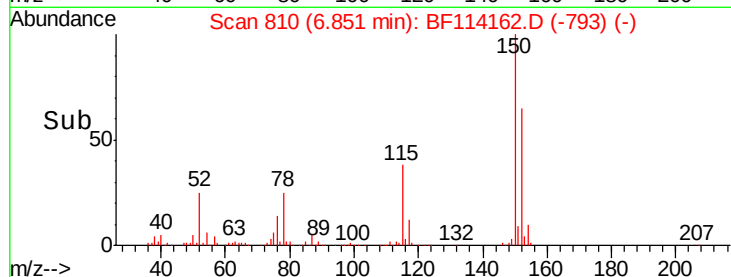
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 346925
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 59.4 49.1 73.7



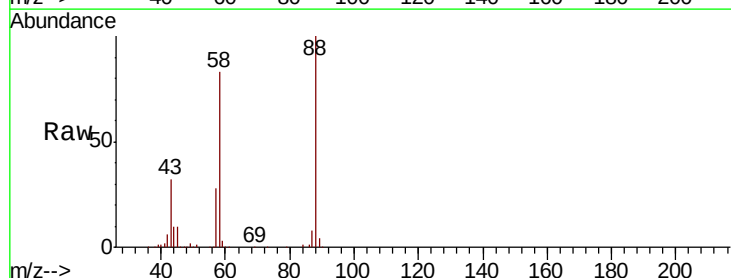
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



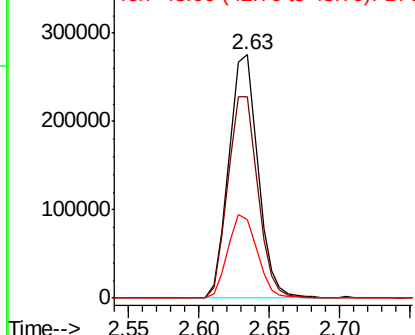
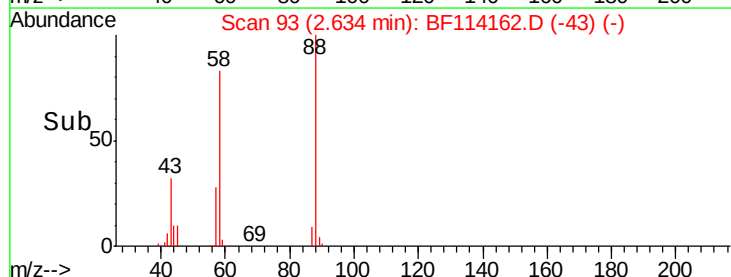
#2

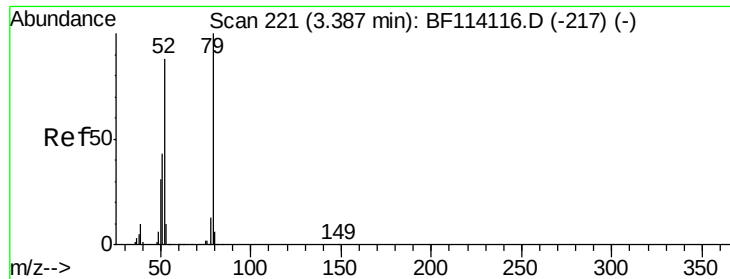
1,4-Dioxane
Concen: 33.593 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion: 88 Resp: 398056
Ion Ratio Lower Upper
88 100
58 85.2 68.7 103.1
43 35.1 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

Pyridine

Concen: 34.853 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

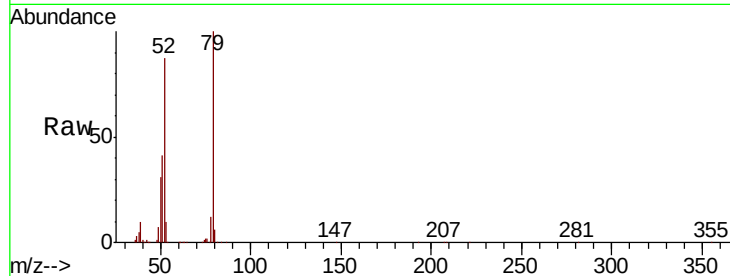
Tgt Ion: 79 Resp: 1137876

Ion Ratio Lower Upper

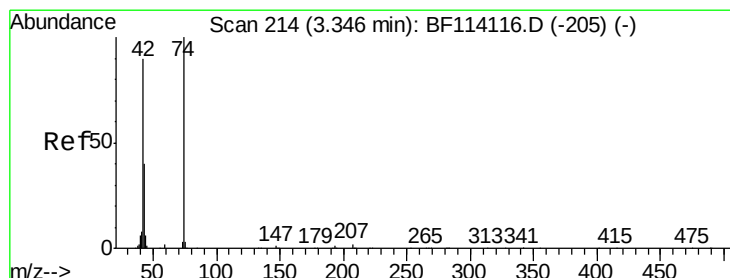
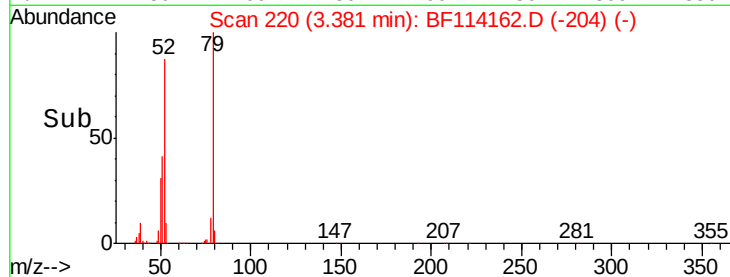
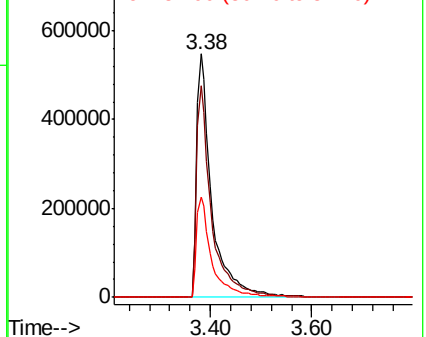
79 100

52 86.9 70.6 105.8

51 41.4 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.992 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

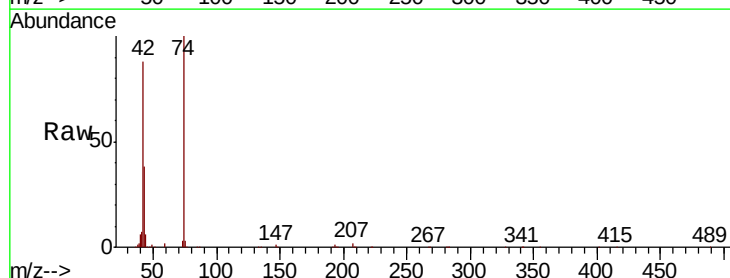
Tgt Ion: 42 Resp: 550907

Ion Ratio Lower Upper

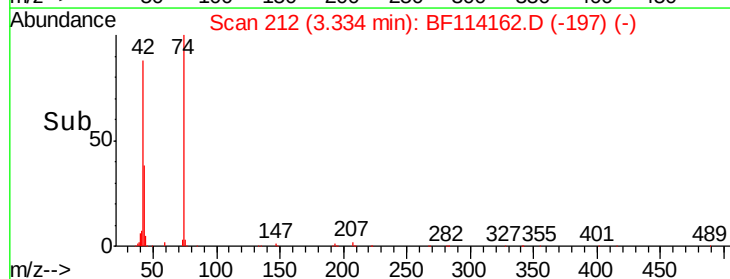
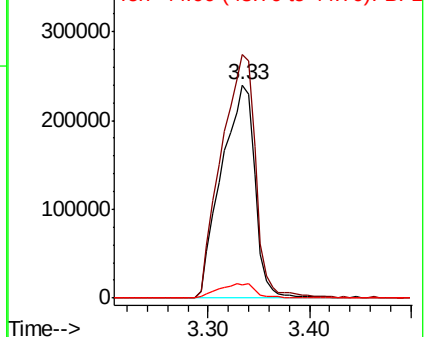
42 100

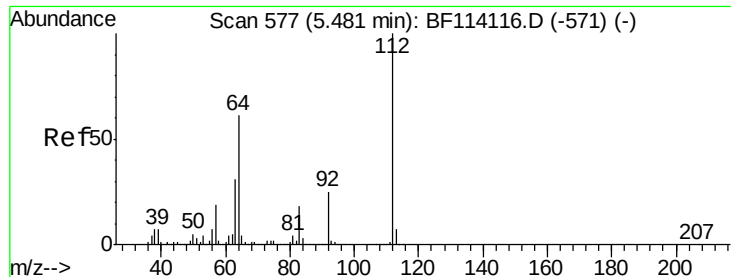
74 114.1 88.6 132.8

44 6.5 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.936 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

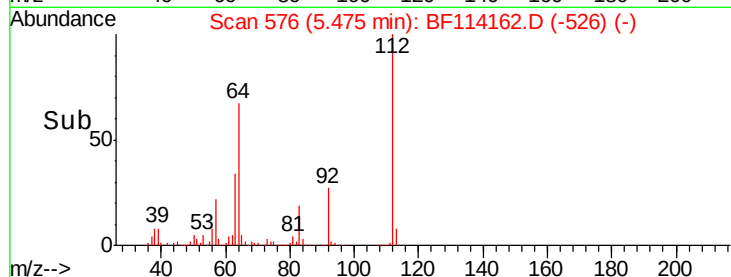
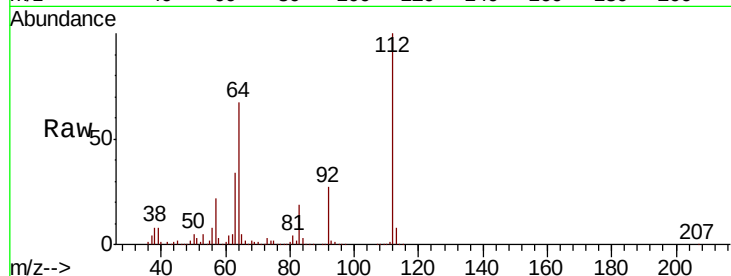
Tgt Ion: 112 Resp: 1593906

Ion Ratio Lower Upper

112 100

64 66.6 49.0 73.6

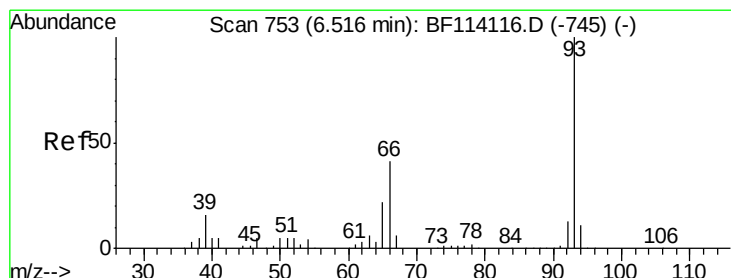
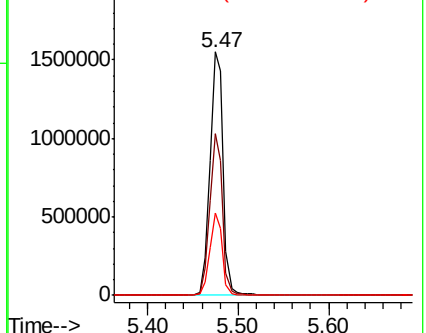
63 33.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.650 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

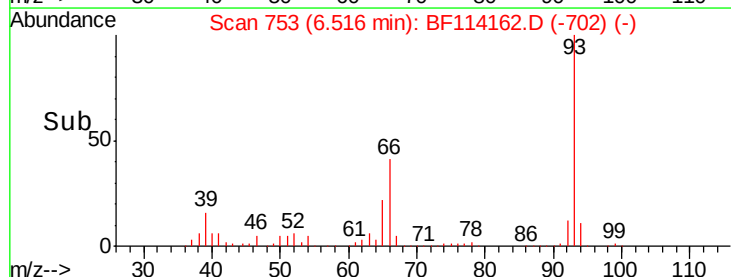
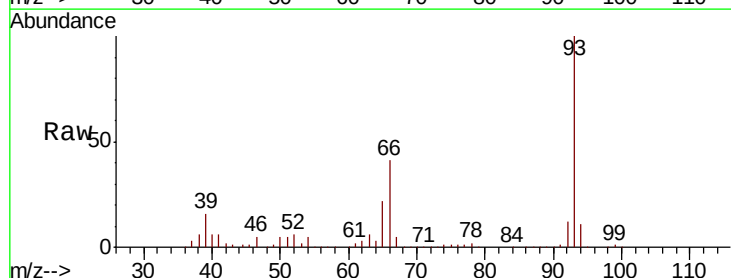
Tgt Ion: 93 Resp: 1460365

Ion Ratio Lower Upper

93 100

66 40.9 33.2 49.8

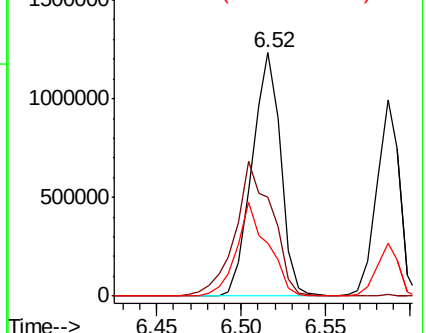
65 21.7 17.6 26.4

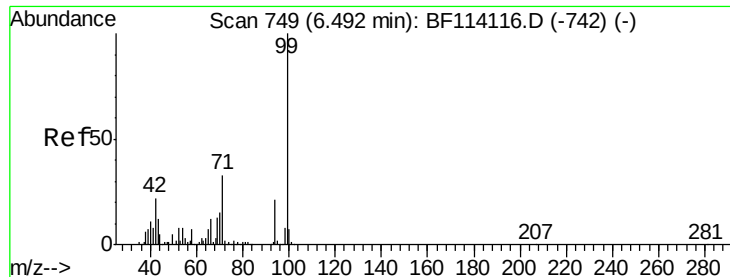


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.881 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

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BNA_F

ClientSampleId :

SSTDCCC040

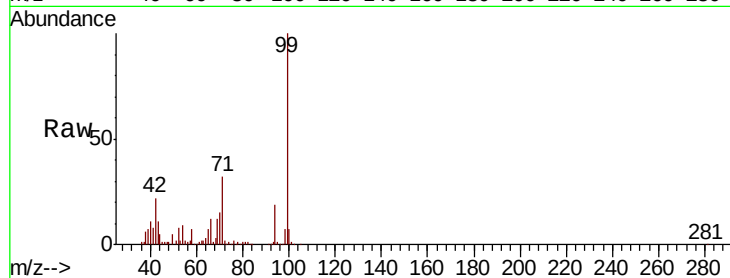
Tgt Ion: 99 Resp: 1985769

Ion Ratio Lower Upper

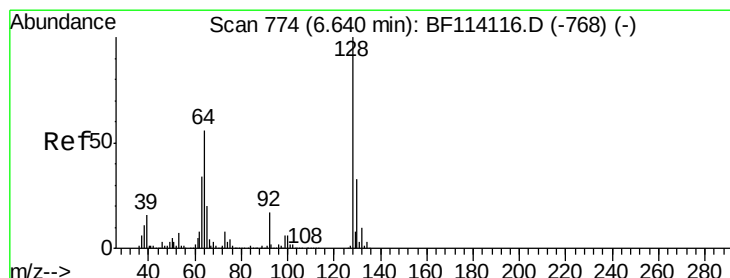
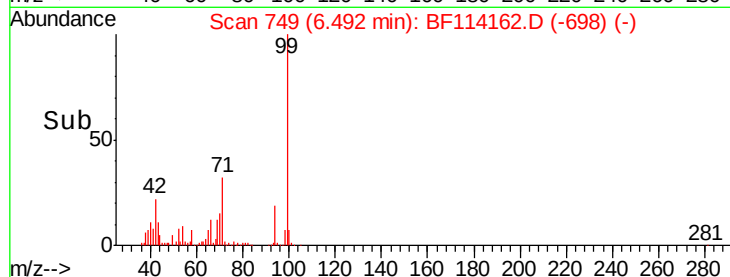
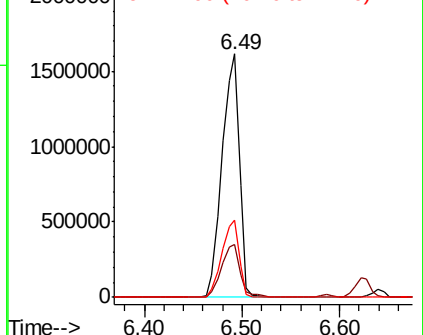
99 100

42 21.9 17.9 26.9

71 31.7 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: 39.527 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

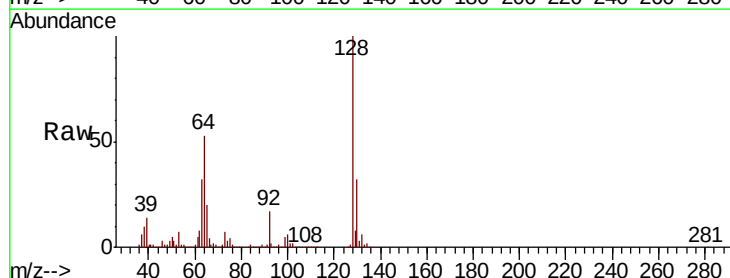
Tgt Ion: 128 Resp: 909696

Ion Ratio Lower Upper

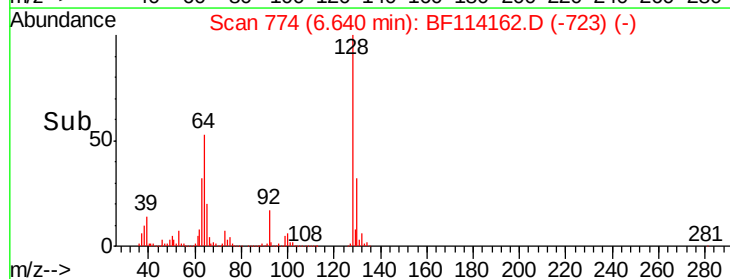
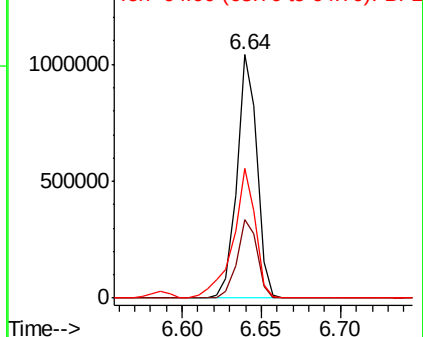
128 100

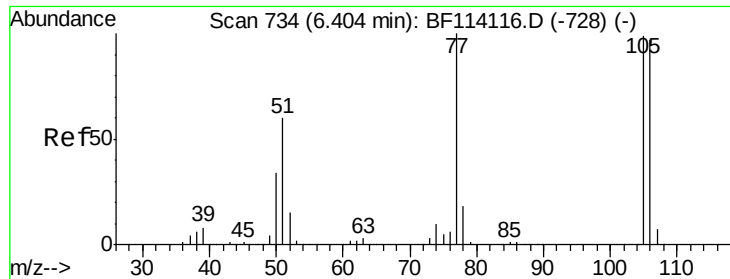
130 32.4 12.6 52.6

64 53.2 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: 38.414 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

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BNA_F

ClientSampleId :

SSTDCCC040

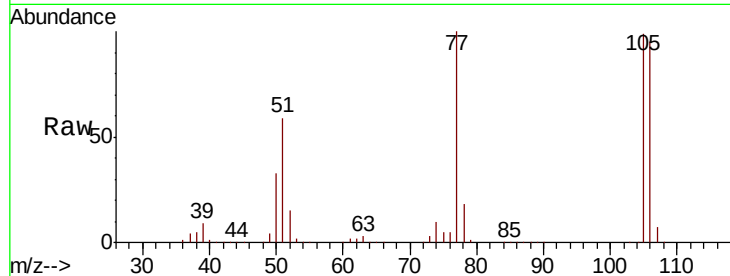
Tgt Ion: 77 Resp: 685692

Ion Ratio Lower Upper

77 100

105 98.7 79.3 119.3

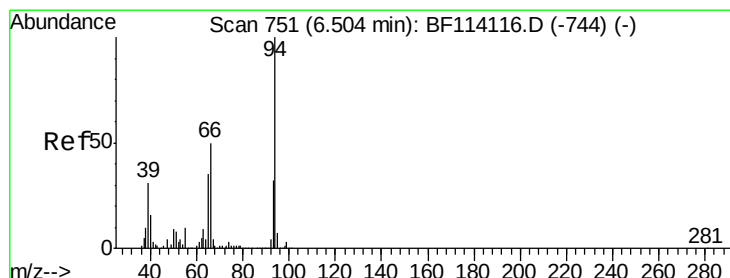
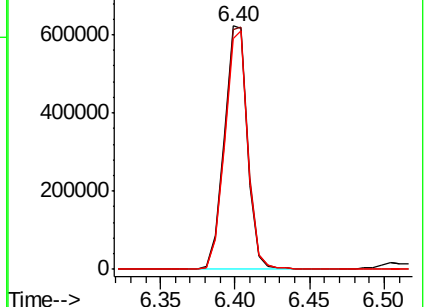
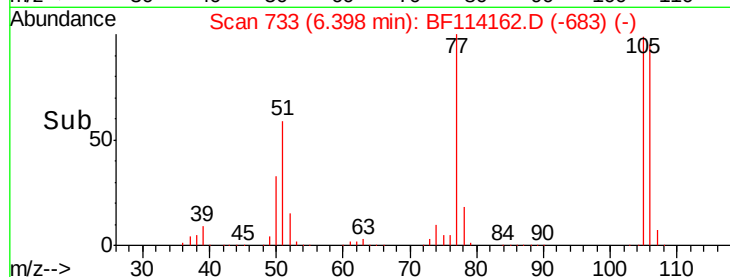
106 94.8 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.688 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

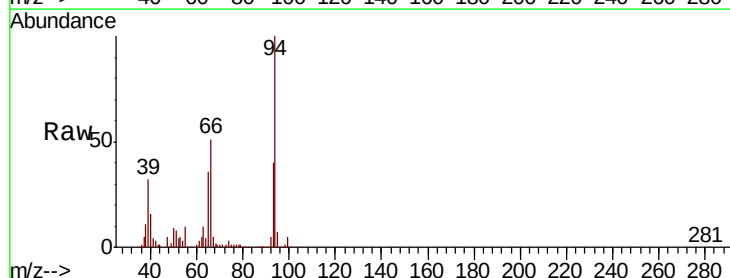
Tgt Ion: 94 Resp: 1160422

Ion Ratio Lower Upper

94 100

65 35.9 14.7 54.7

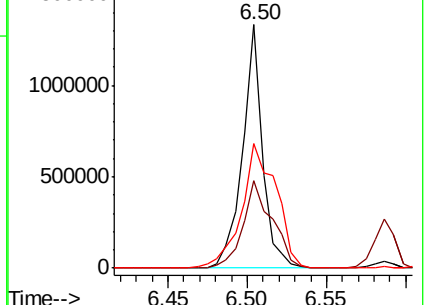
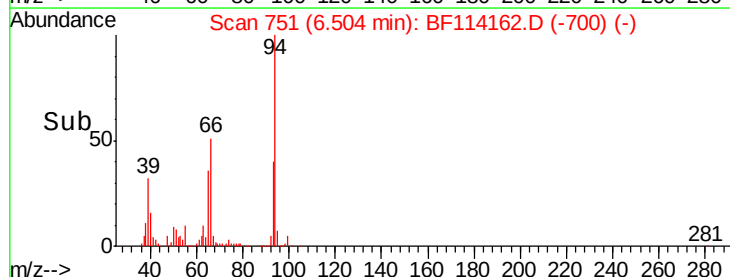
66 51.0 29.6 69.6

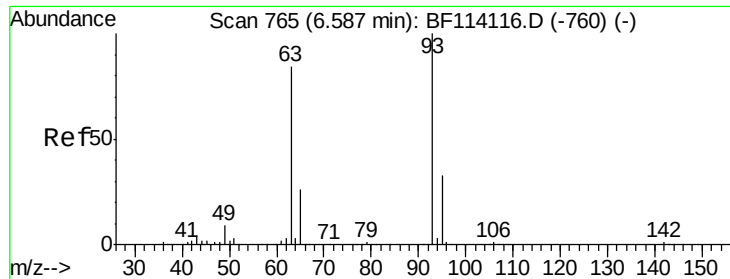


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.891 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

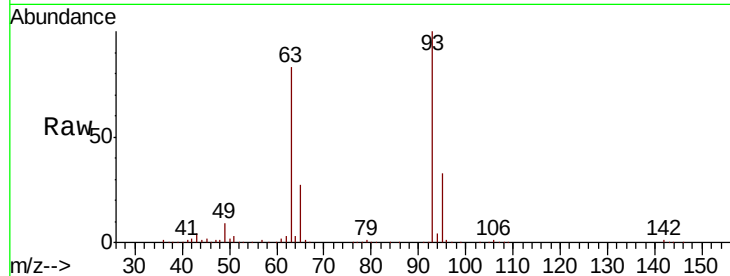
Tgt Ion: 93 Resp: 931138

Ion Ratio Lower Upper

93 100

63 83.0 63.6 103.6

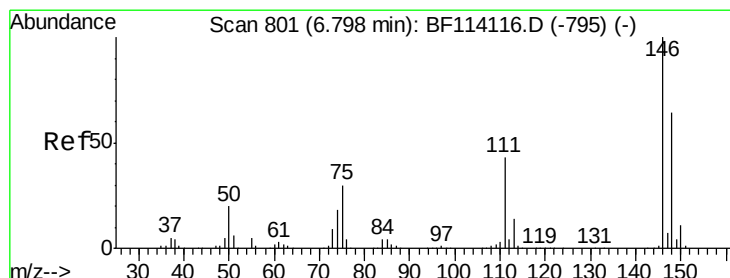
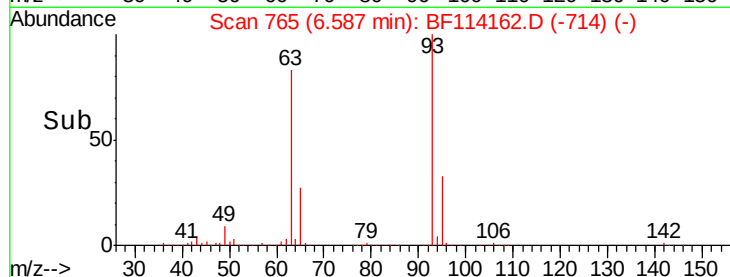
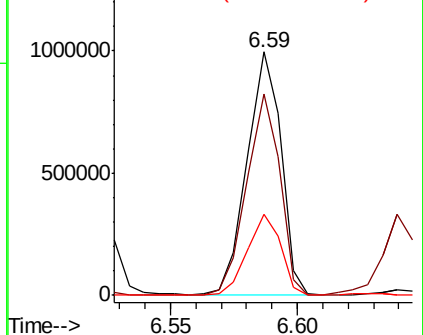
95 33.1 13.1 53.1



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: 39.522 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

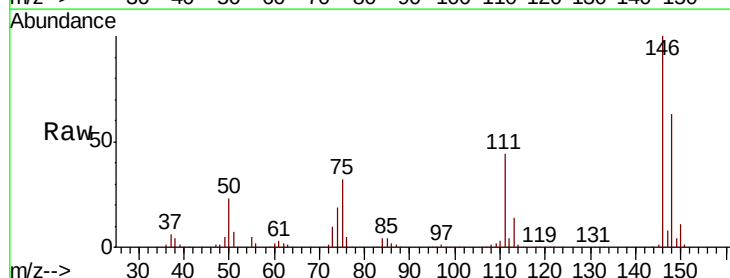
Tgt Ion: 146 Resp: 1020996

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

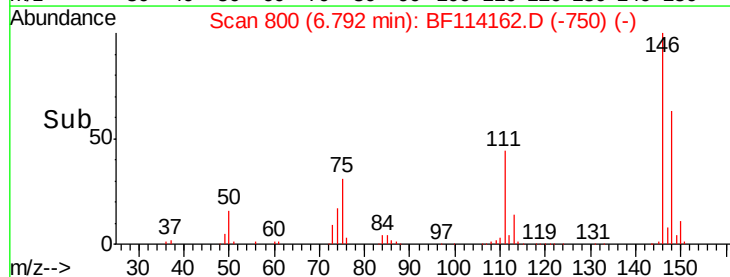
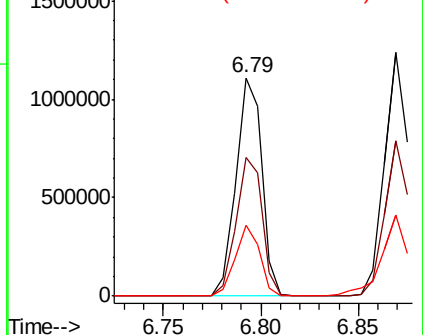
75 32.3 24.2 36.2

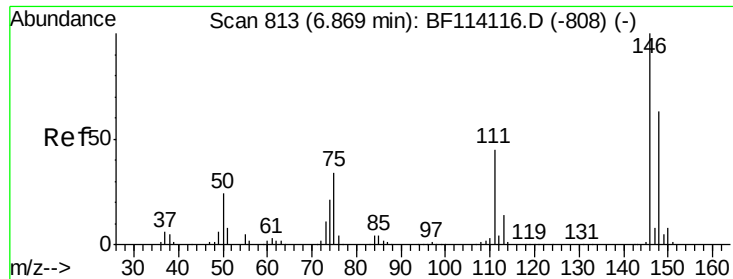


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

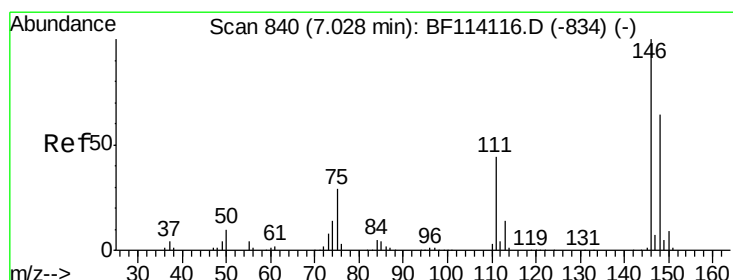
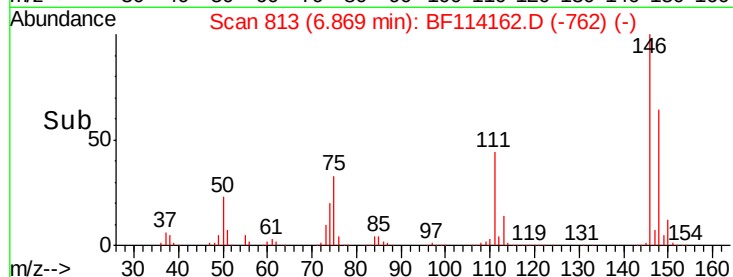
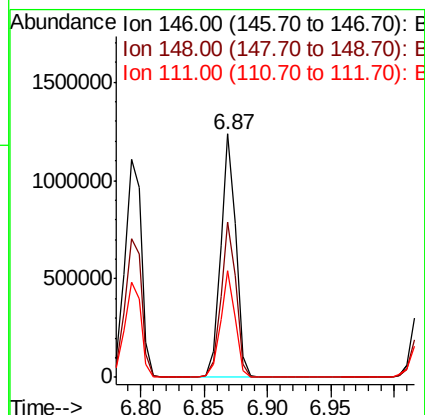
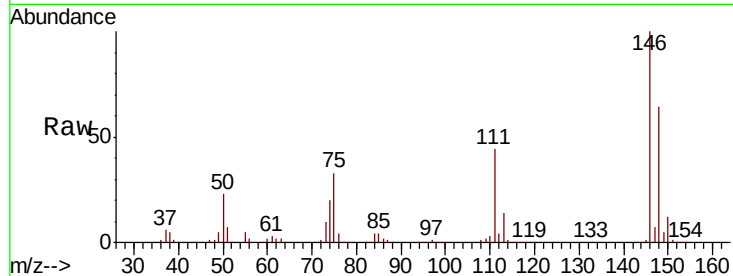




#13
 1,4-Dichlorobenzene
 Concen: 40.075 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

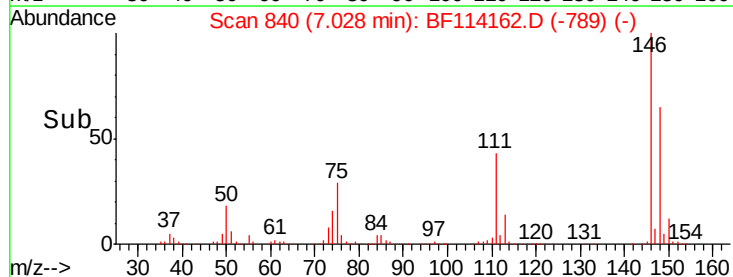
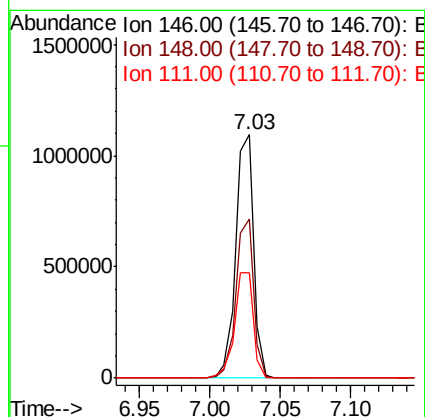
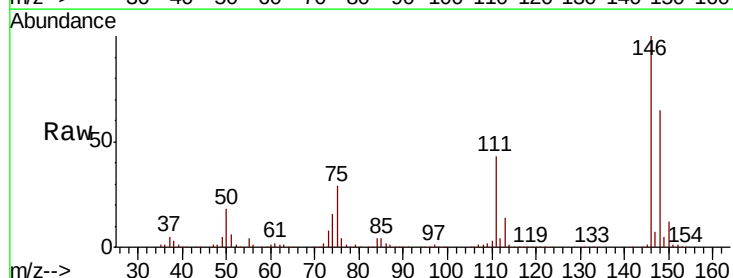
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

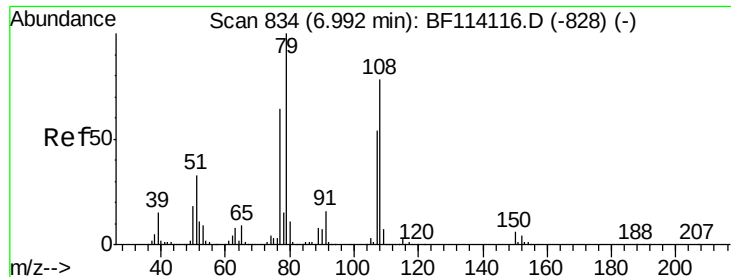
Tgt Ion:146 Resp: 1043246
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.2 75.2
 111 43.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.617 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion:146 Resp: 966008
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 43.5 35.3 52.9

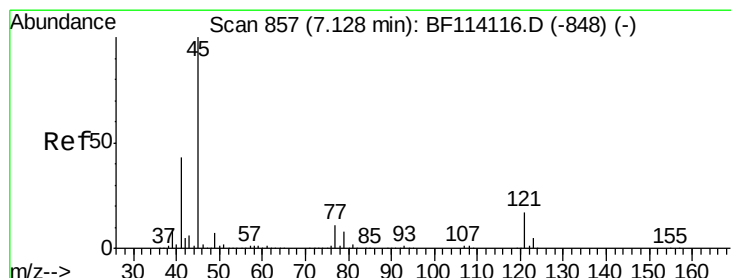
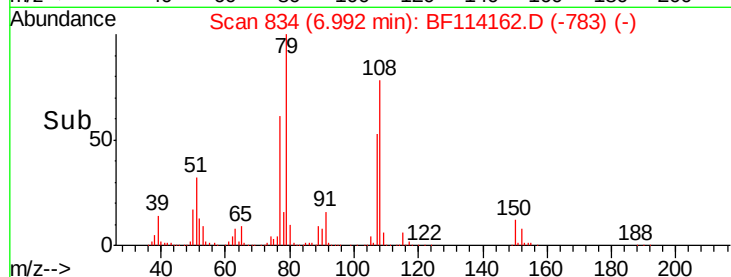
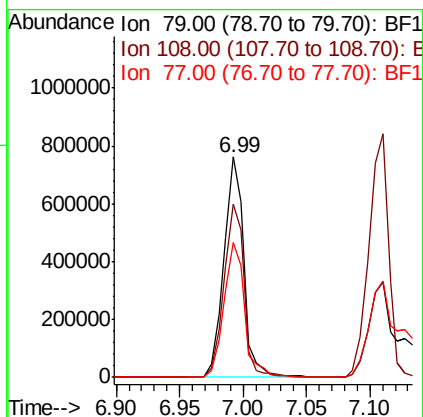
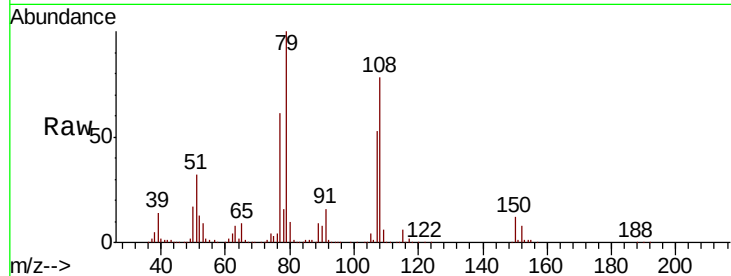




#15
Benzyl Alcohol
Concen: 41.777 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

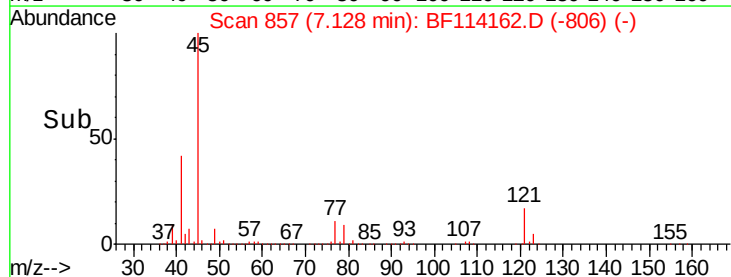
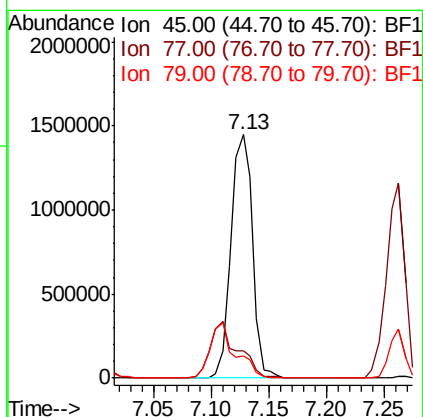
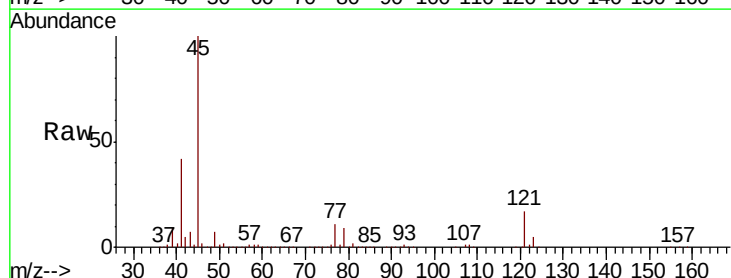
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

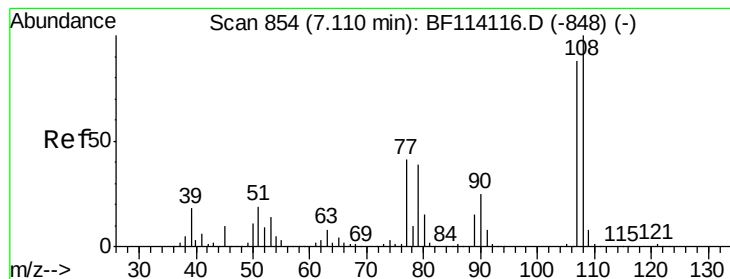
Tgt Ion: 79 Resp: 830790
Ion Ratio Lower Upper
79 100
108 78.4 62.1 93.1
77 61.4 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.136 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion: 45 Resp: 1860405
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.1
79 9.2 0.0 28.4





#17

2-Methylphenol

Concen: 41.485 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 784279

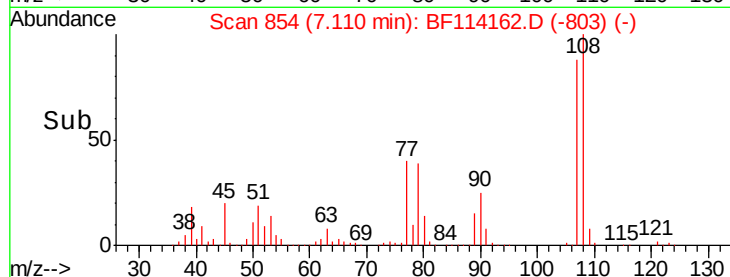
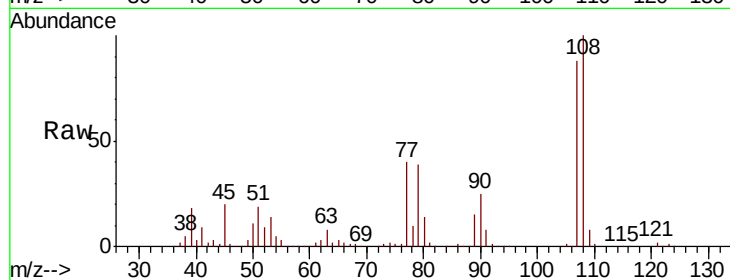
Ion Ratio Lower Upper

107 100

108 113.4 90.5 135.7

77 45.2 37.0 55.4

79 44.2 35.8 53.8



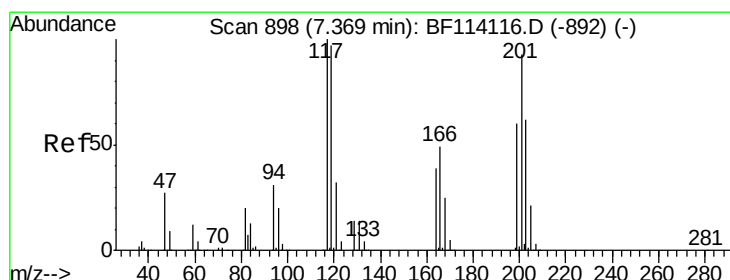
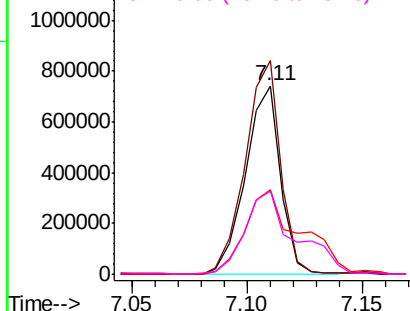
Abundance

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: 44.056 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

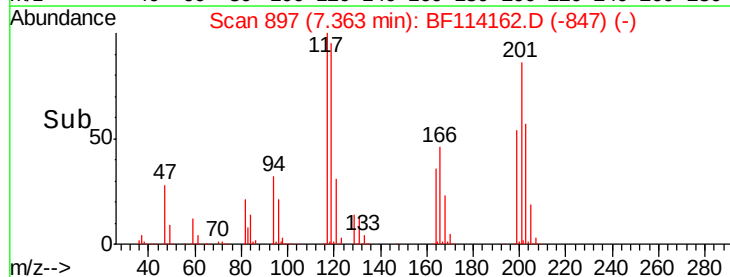
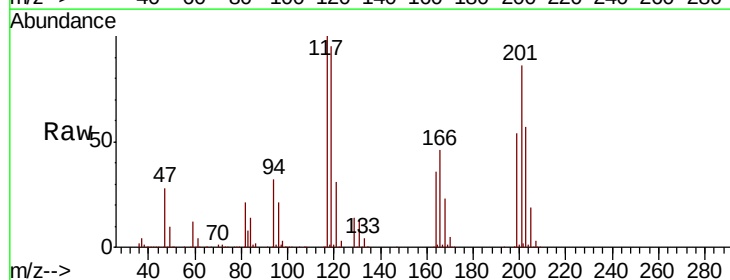
Tgt Ion:117 Resp: 430495

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2

201 86.3 74.5 111.7

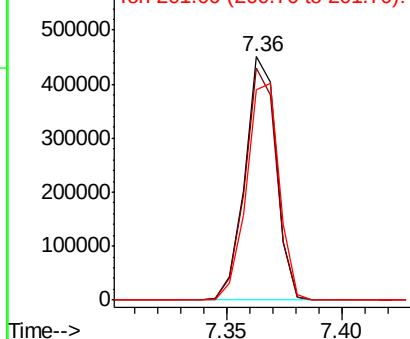


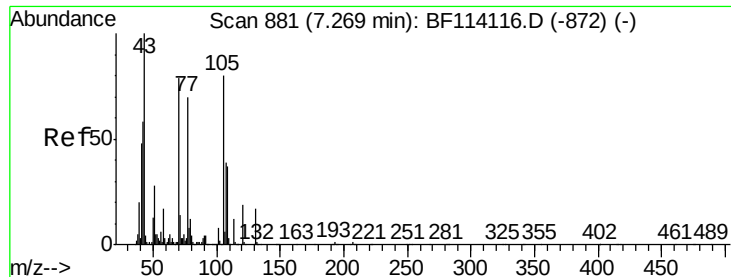
Abundance

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

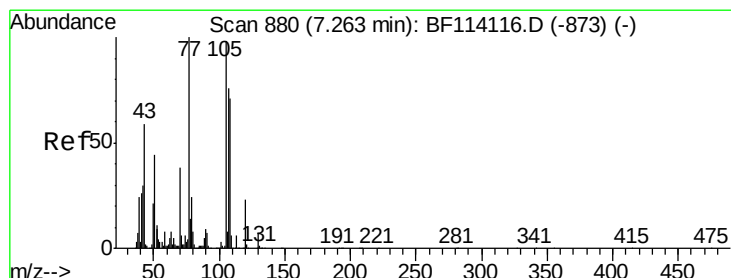
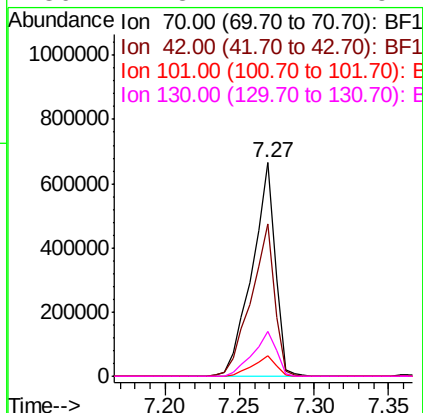
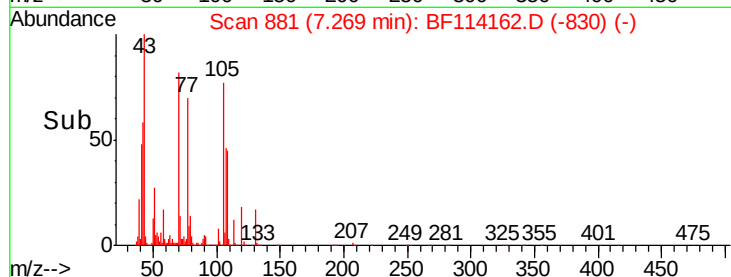
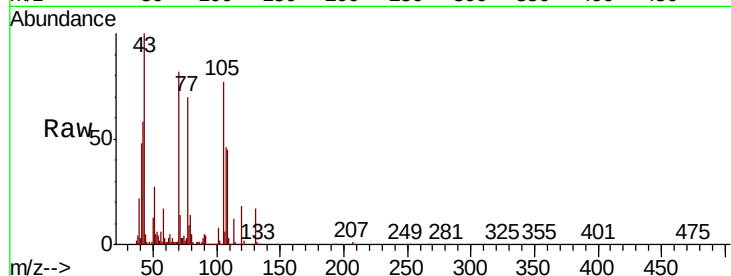




#19
n-Nitroso-di-n-propylamine
Concen: 44.122 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

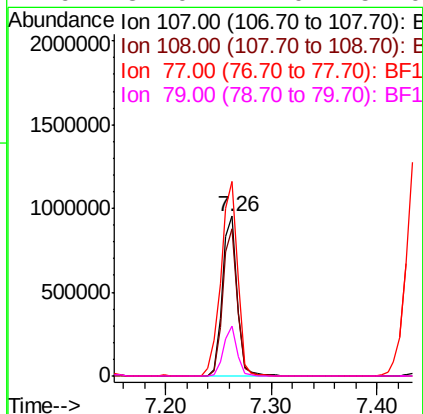
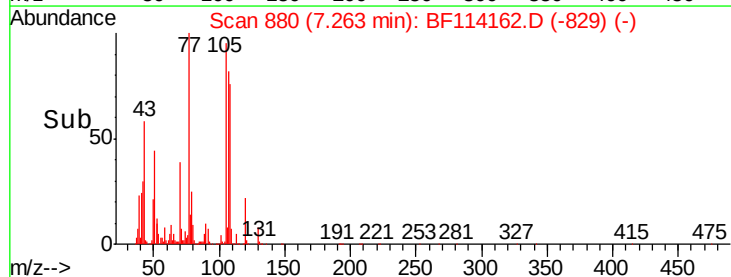
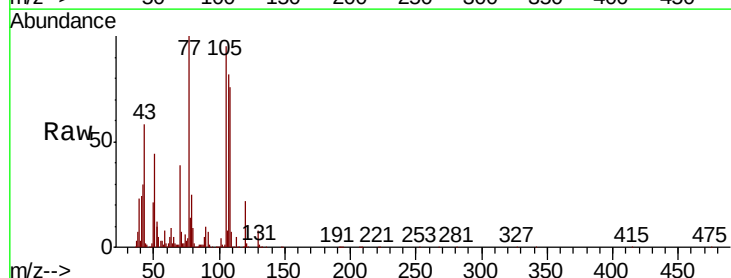
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

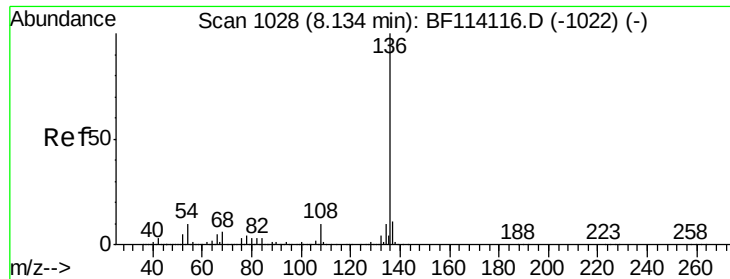
Tgt Ion:	70	Resp:	713076
Ion	Ratio	Lower	Upper
70	100		
42	71.2	58.6	87.8
101	9.4	7.8	11.8
130	21.3	17.1	25.7



#20
3+4-Methylphenols
Concen: 43.055 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:	107	Resp:	940439
Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.8	113.8
77	122.0	111.5	151.5
79	31.0	12.0	52.0

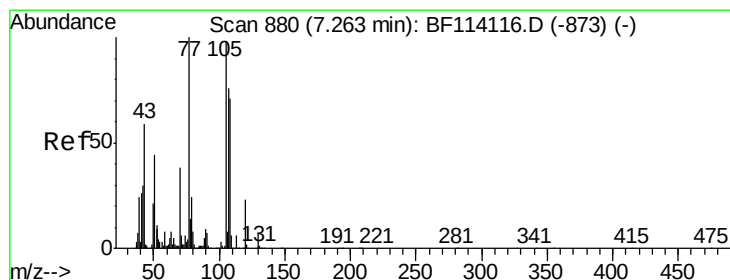
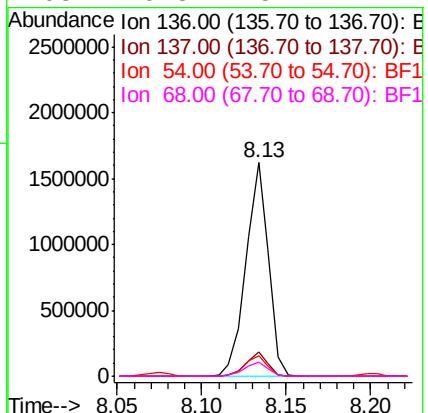
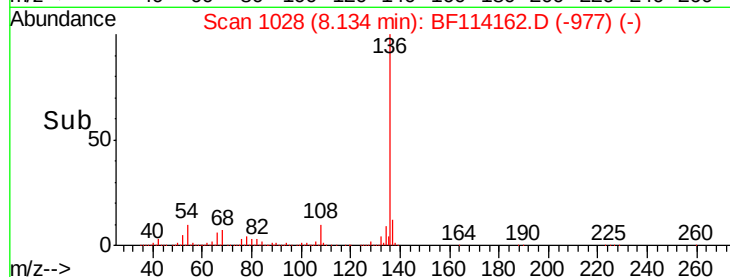
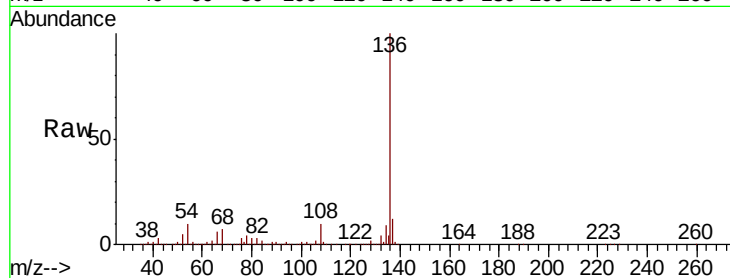




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

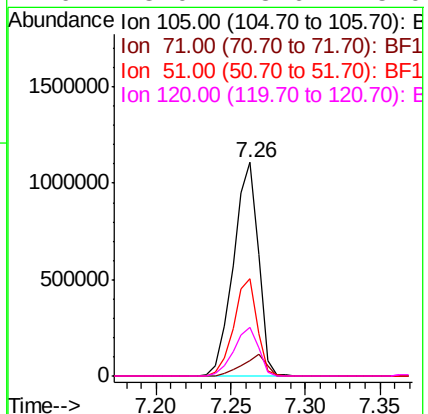
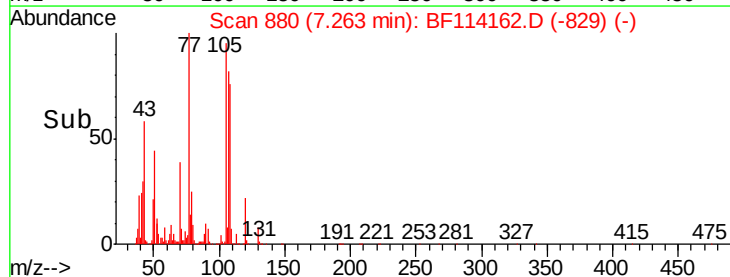
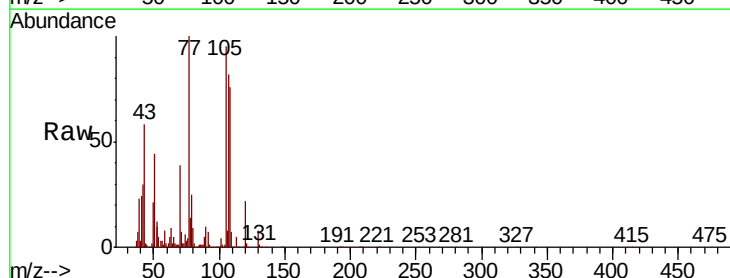
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

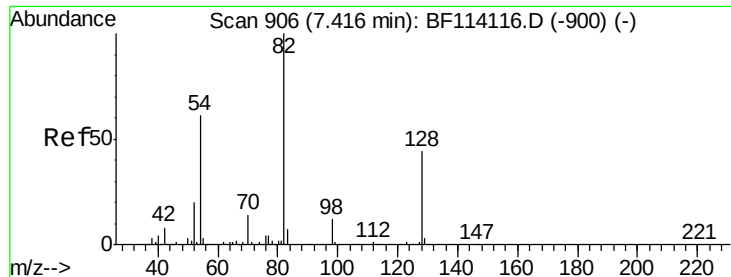
Tgt Ion:	136	Resp:	1500579
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.7	7.8	11.8
68	6.8	5.1	7.7



#22
Acetophenone
Concen: 39.053 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:	105	Resp:	1298217
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.3	7.9
51	45.8	36.2	54.4
120	23.0	18.6	28.0





#23

Nitrobenzene-d5

Concen: 80.004 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

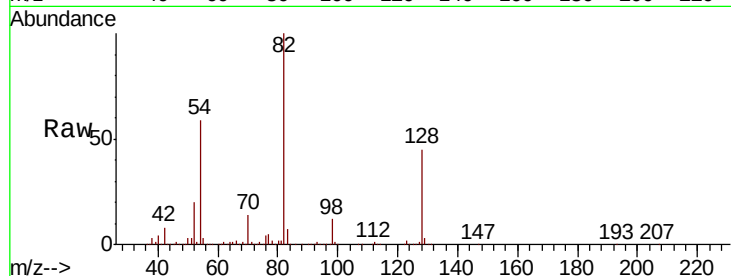
Tgt Ion: 82 Resp: 2139205

Ion Ratio Lower Upper

82 100

128 45.4 35.5 53.3

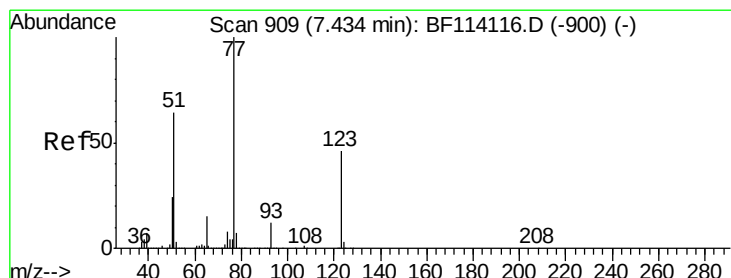
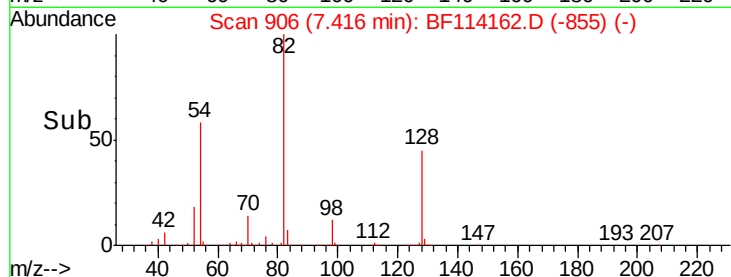
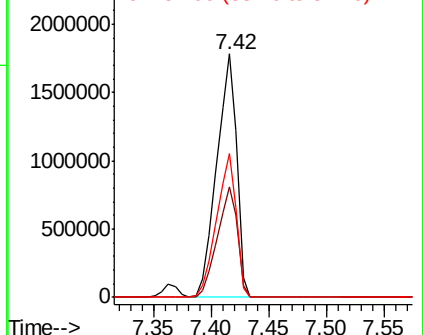
54 59.2 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.453 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

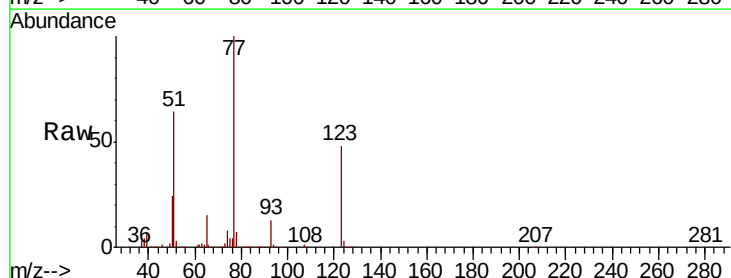
Tgt Ion: 77 Resp: 1101677

Ion Ratio Lower Upper

77 100

123 47.8 36.9 55.3

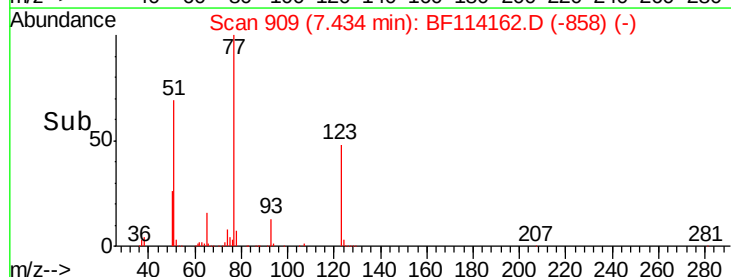
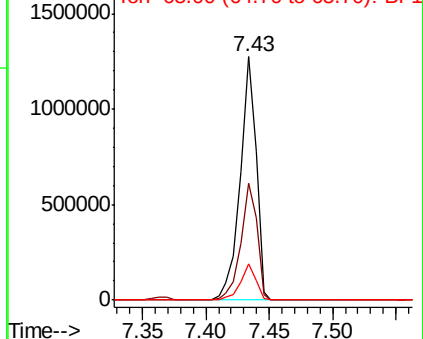
65 14.8 11.8 17.6

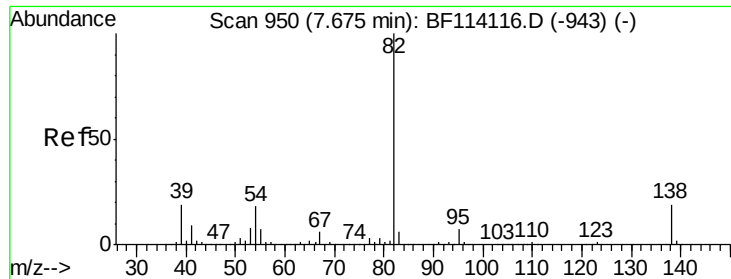


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.996 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

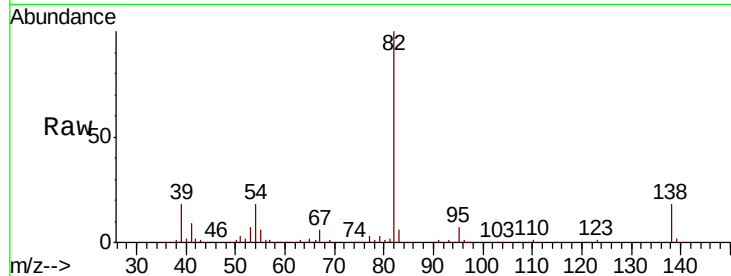
Tgt Ion: 82 Resp: 2032958

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

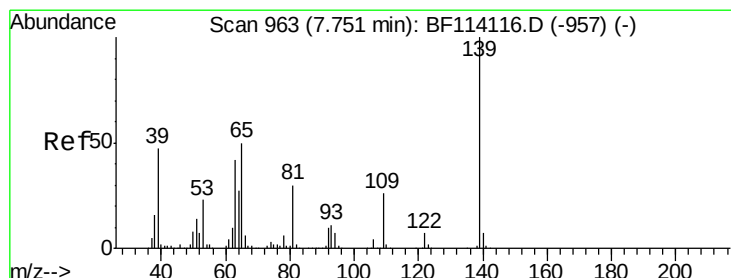
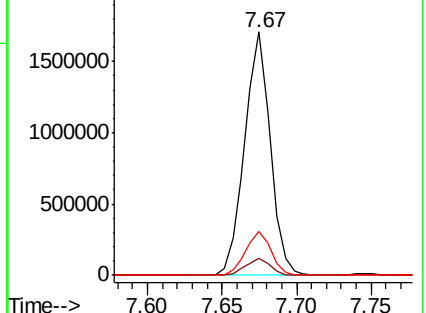
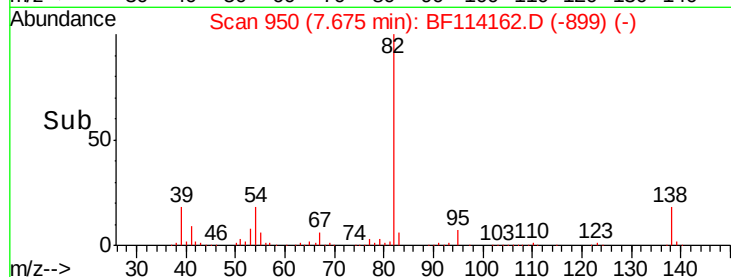
138 18.1 14.8 22.2



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: 41.716 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

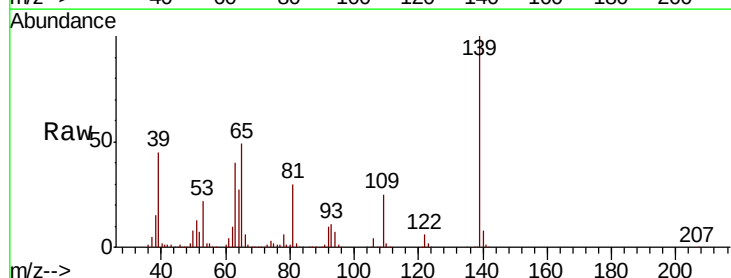
Tgt Ion: 139 Resp: 551183

Ion Ratio Lower Upper

139 100

109 25.1 20.7 31.1

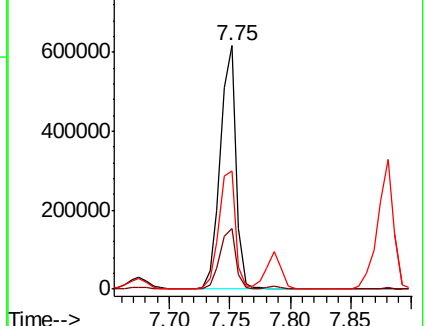
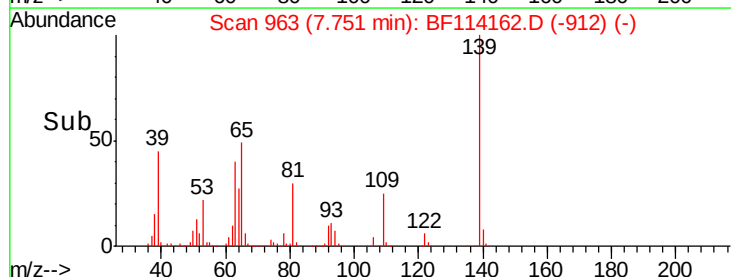
65 48.7 40.2 60.2

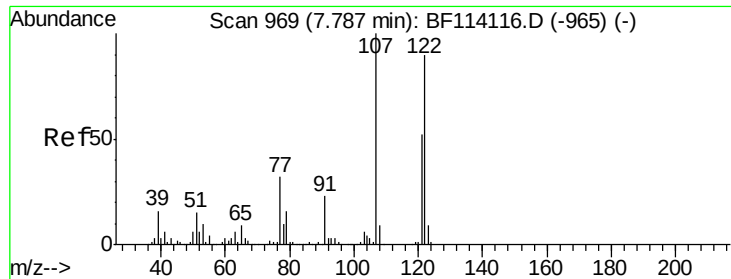


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

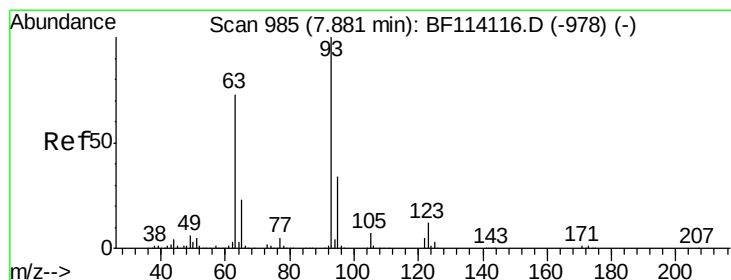
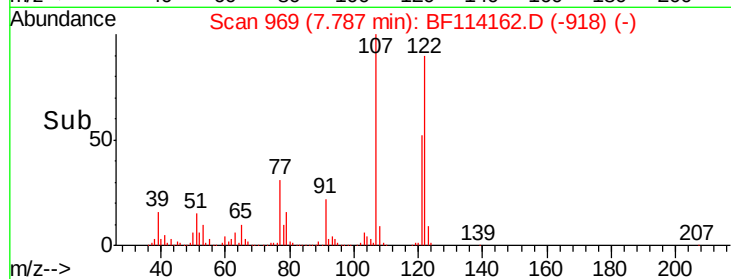
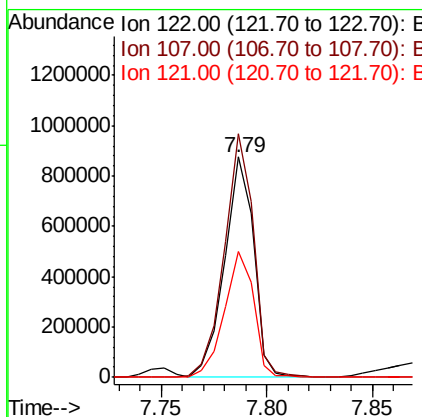
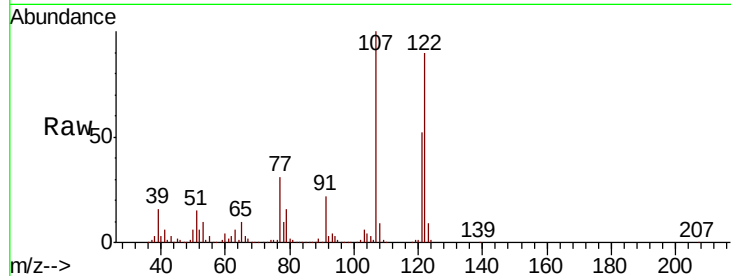




#27
 2,4-Dimethylphenol
 Concen: 39.646 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

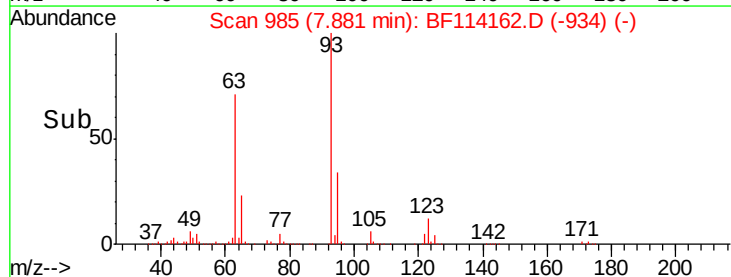
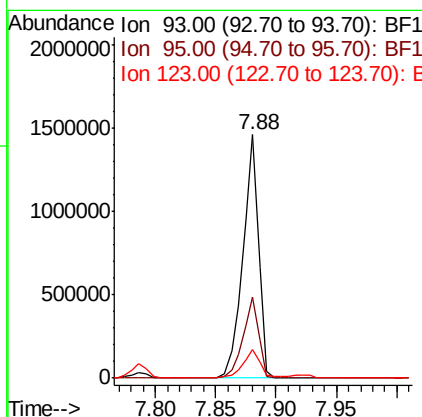
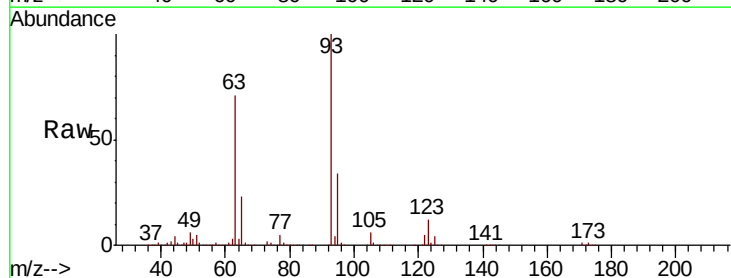
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

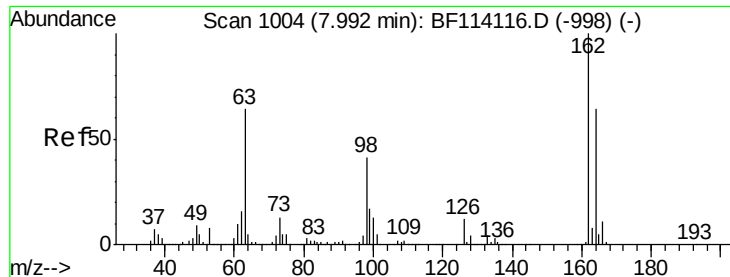
Tgt Ion:122 Resp: 822726
 Ion Ratio Lower Upper
 122 100
 107 110.6 88.4 132.6
 121 57.0 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.330 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion: 93 Resp: 1329826
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.8 40.2
 123 11.6 9.5 14.3

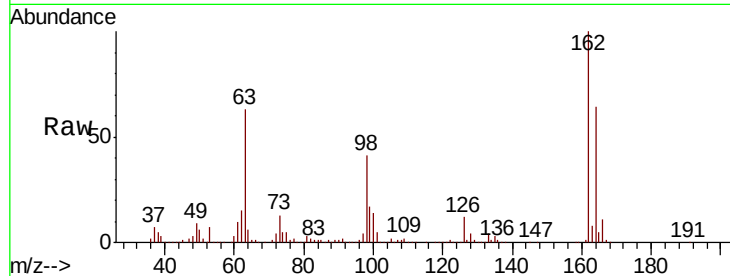




#29
2,4-Dichlorophenol
Concen: 40.291 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	41.0	20.6	60.6

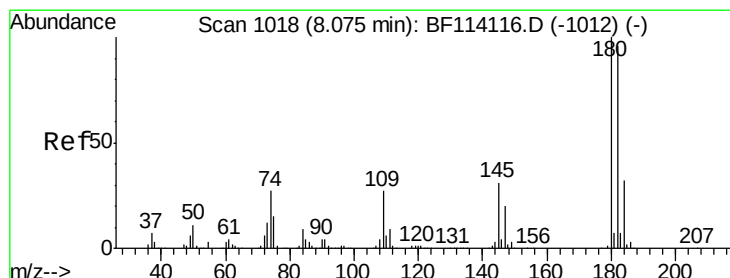
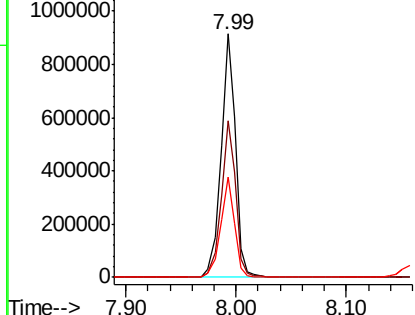
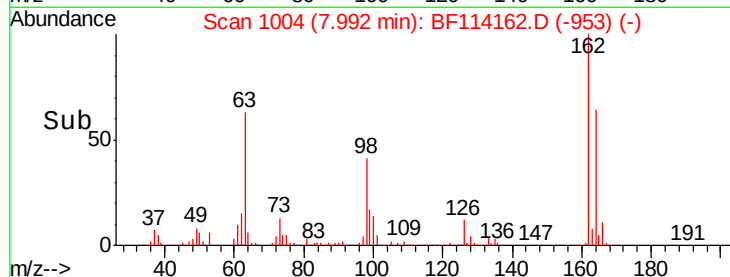


Abundance

Ion 162.00 (161.70 to 162.70): E

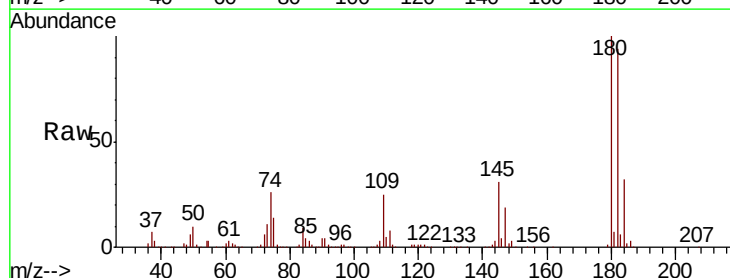
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.158 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.6	114.8
145	30.8	25.1	37.7

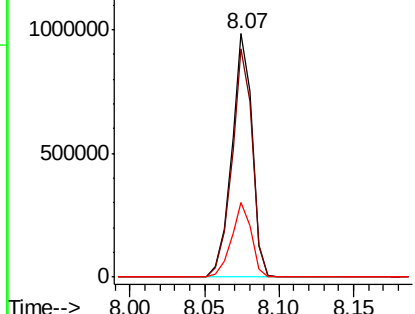
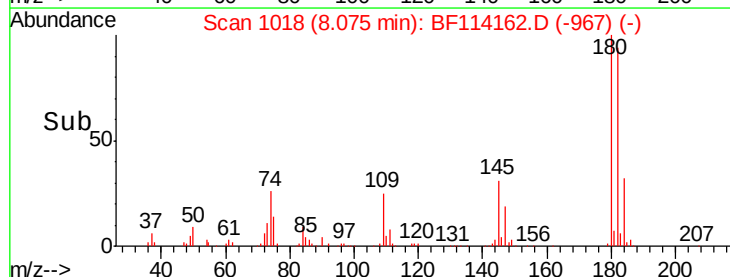


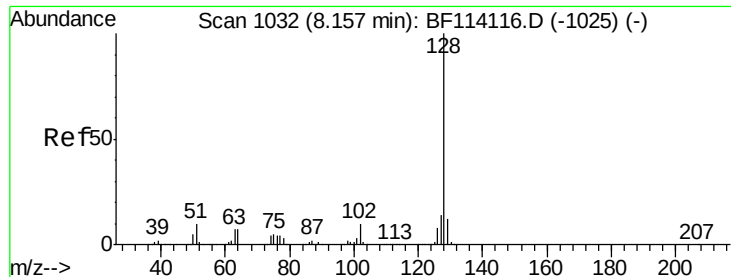
Abundance

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

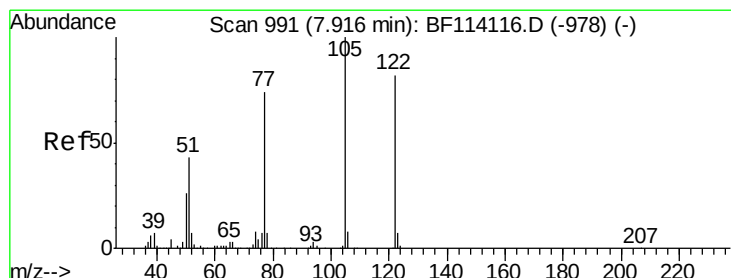
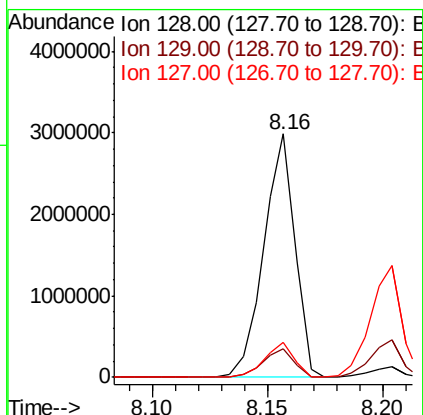
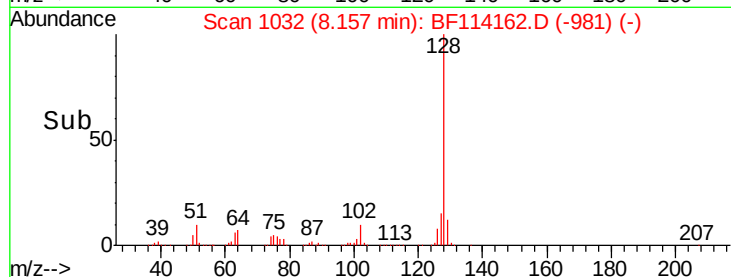
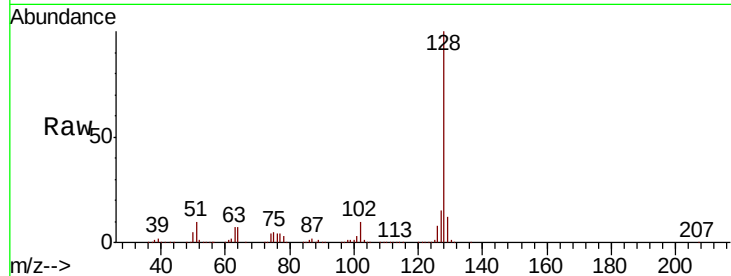




#31
Naphthalene
Concen: 39.806 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

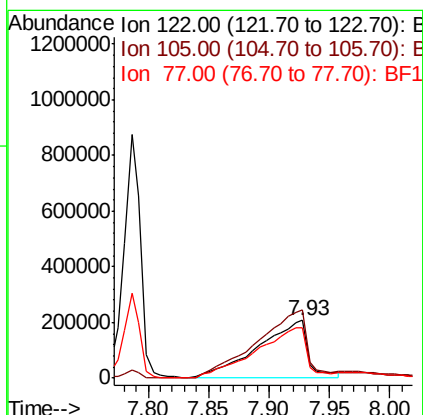
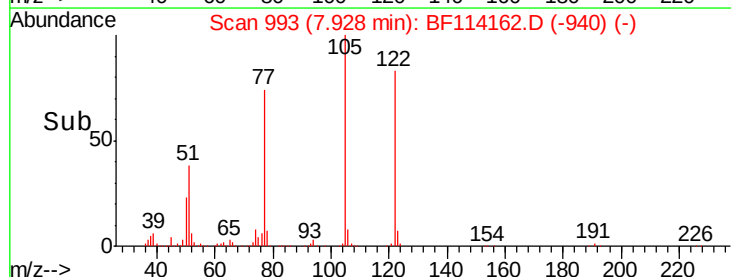
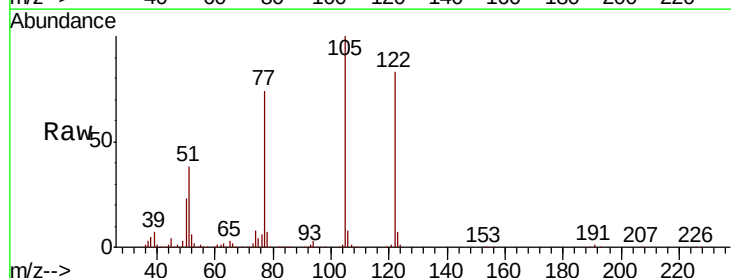
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

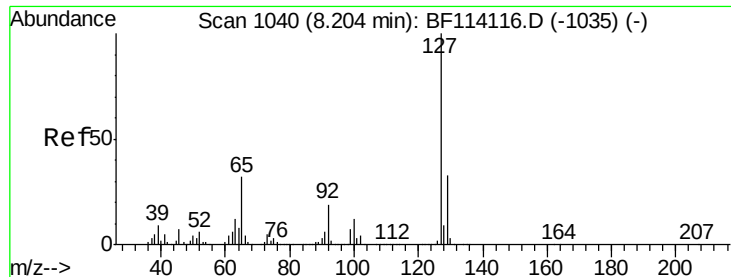
Tgt Ion:128 Resp: 2790202
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 40.401 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:122 Resp: 578542
Ion Ratio Lower Upper
122 100
105 119.8 99.9 139.9
77 88.1 69.4 109.4

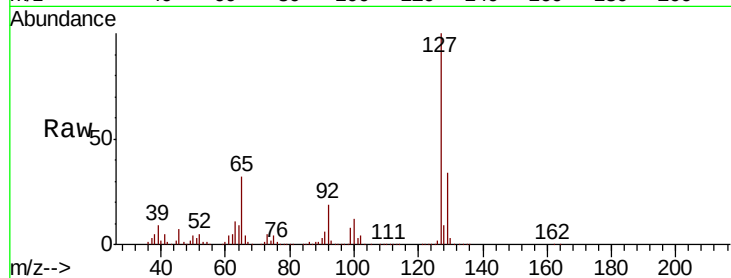




#33
4-Chloroaniline
Concen: 40.634 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	1297918
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.7	40.1
65	31.6	25.4	38.0
92	18.9	15.4	23.2



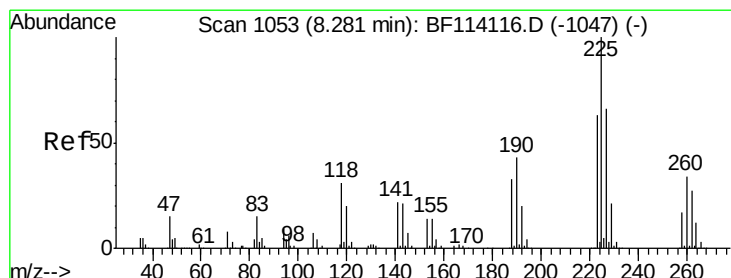
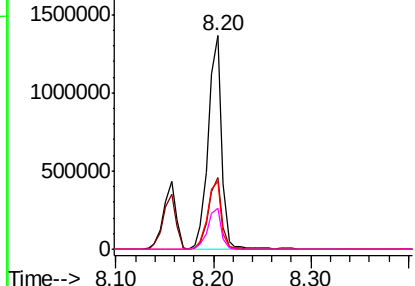
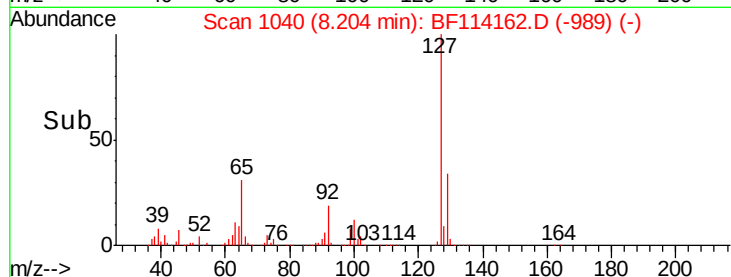
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

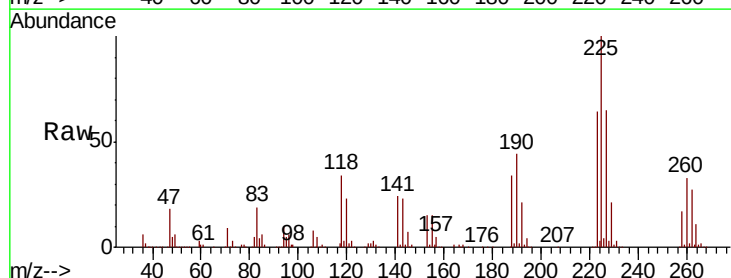
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.332 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:	225	Resp:	539228
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.2
227	64.9	52.6	79.0

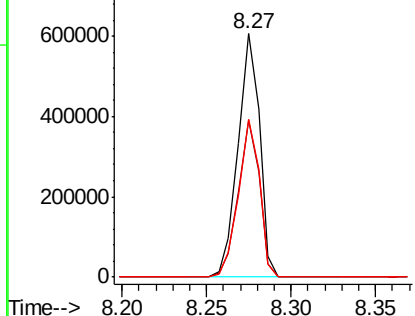
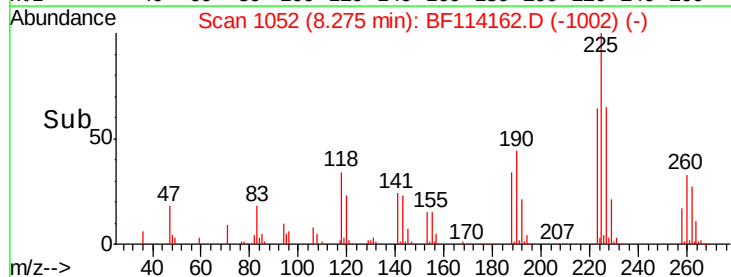


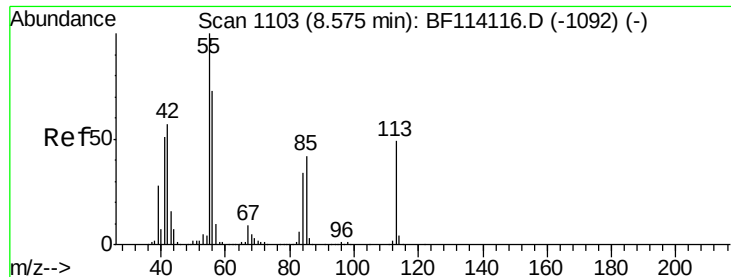
Abundance

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

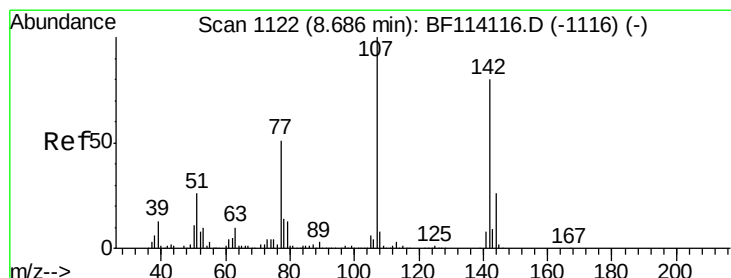
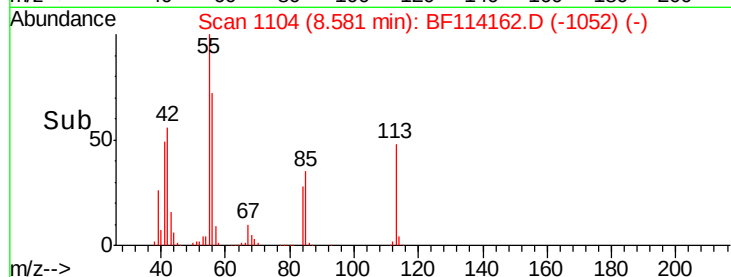
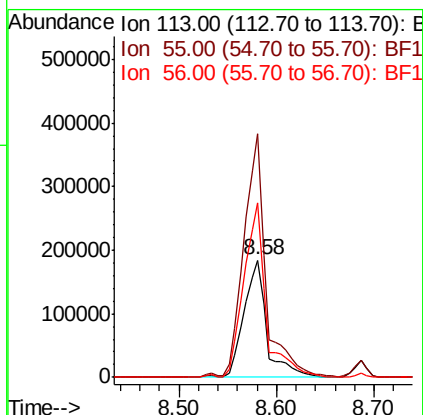
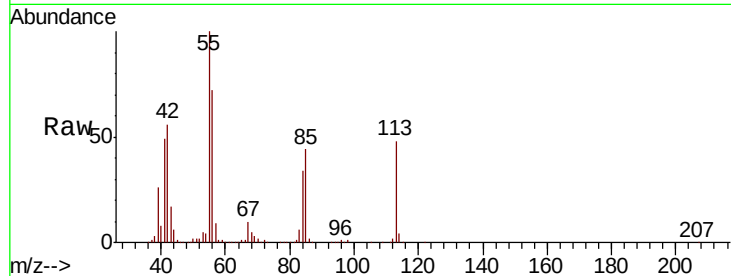




#35
 Caprolactam
 Concen: 44.515 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

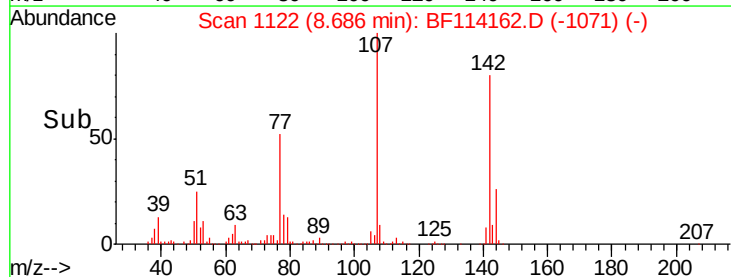
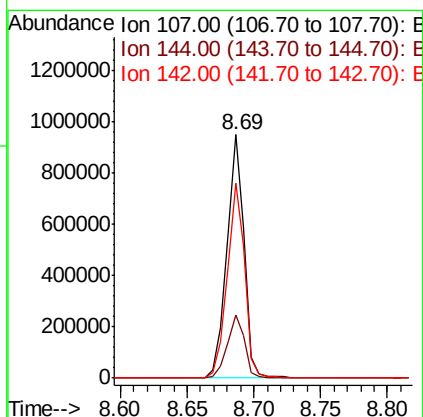
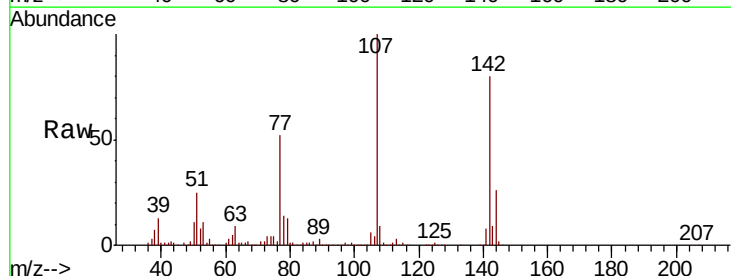
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

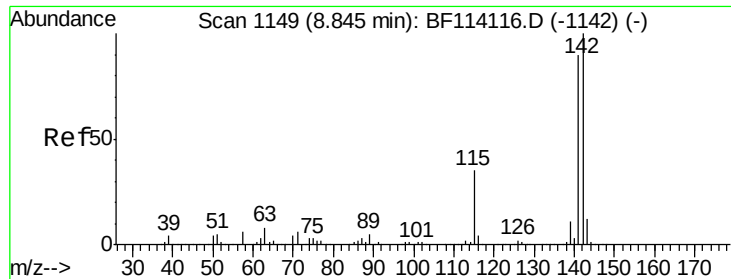
Tgt Ion:113 Resp: 299937
 Ion Ratio Lower Upper
 113 100
 55 208.2 183.5 223.5
 56 149.2 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.866 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion:107 Resp: 870796
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 80.2 64.2 96.4

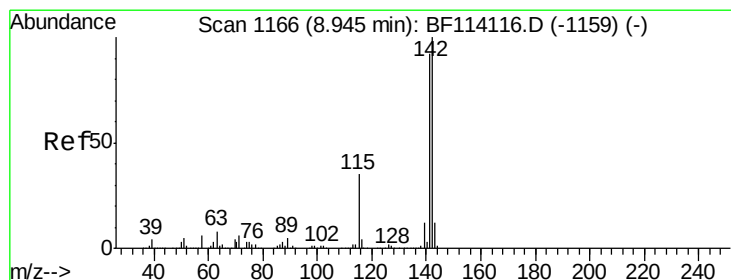
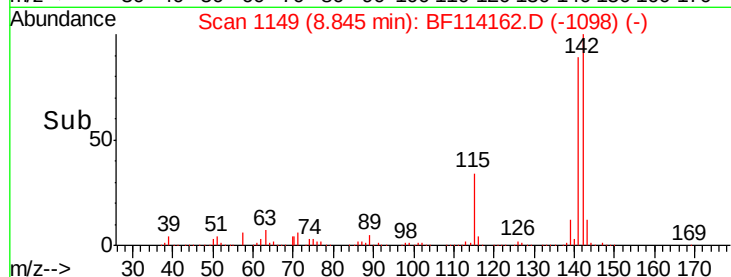
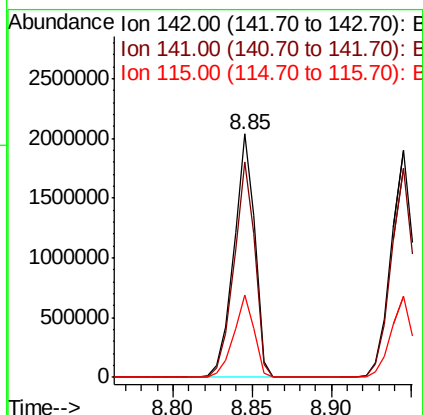
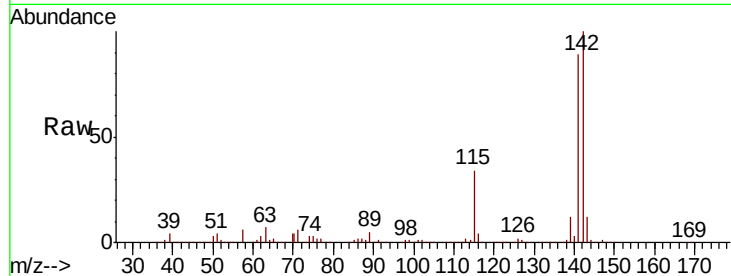




#37
 2-Methylnaphthalene
 Concen: 41.222 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

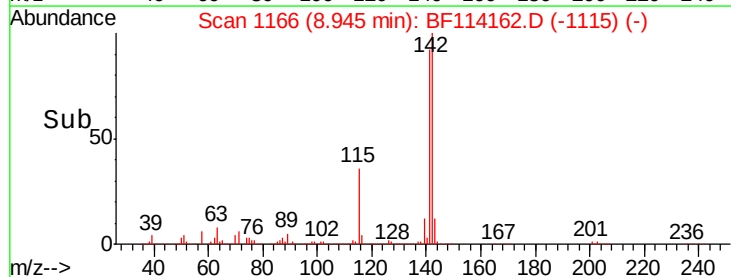
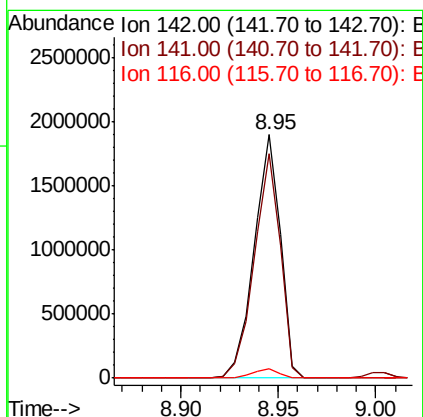
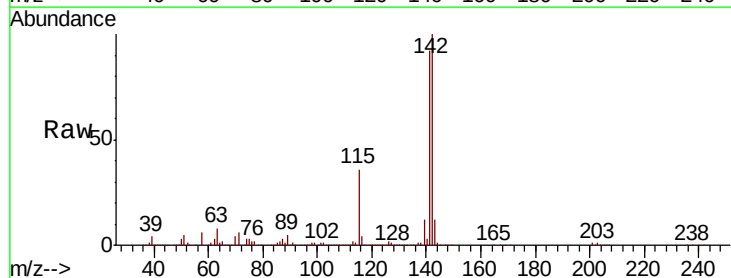
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

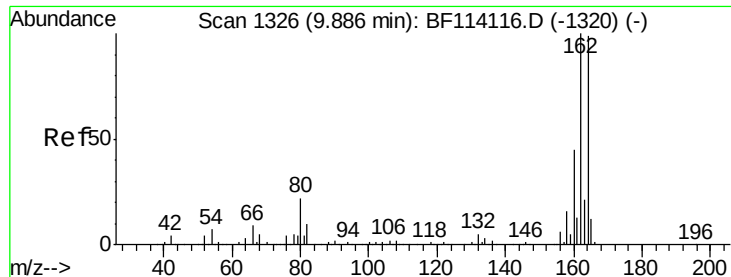
Tgt Ion:142 Resp: 1864236
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.1 108.1
 115 33.9 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 41.472 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion:142 Resp: 1766250
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.4 110.0
 116 3.7 3.1 4.7

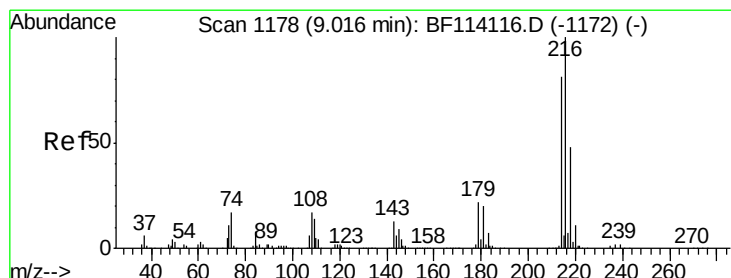
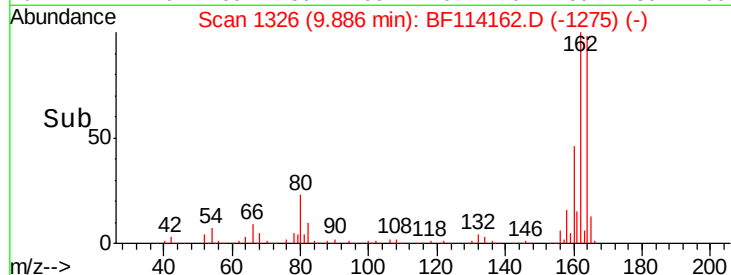
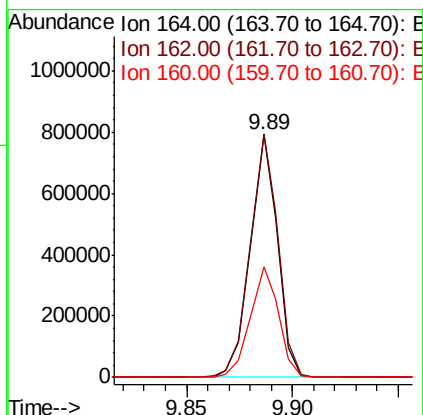
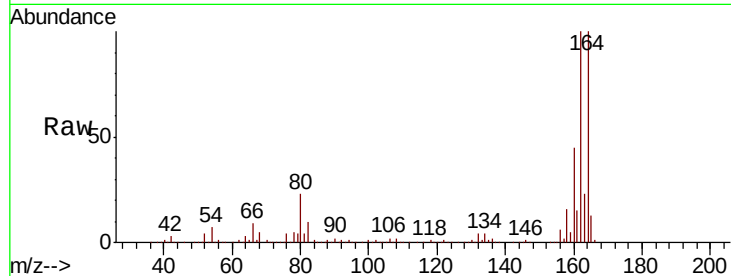




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

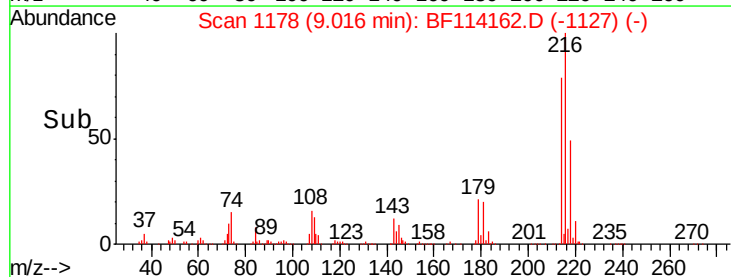
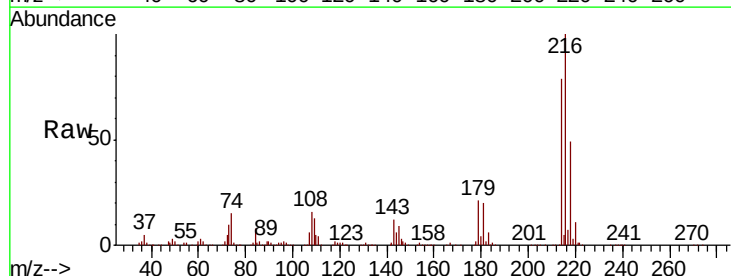
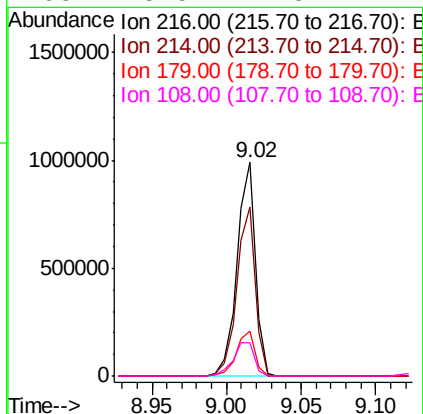
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

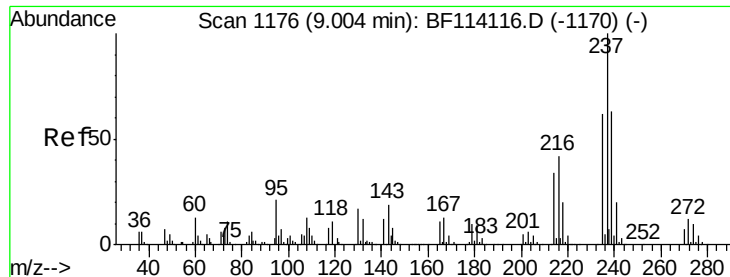
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	45.6	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.017 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.9	95.9
179	21.1	17.0	25.6
108	18.5	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 37.557 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

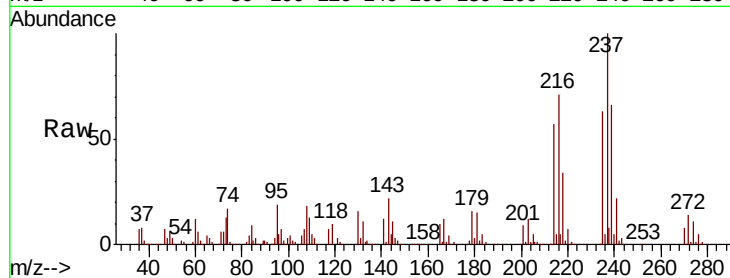
Tgt Ion: 237 Resp: 350793

Ion Ratio Lower Upper

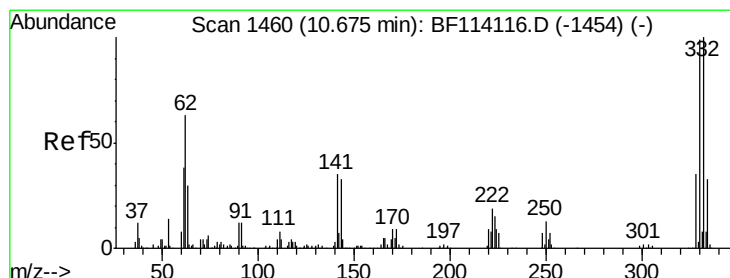
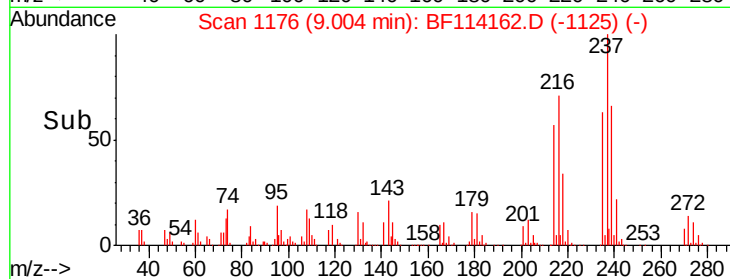
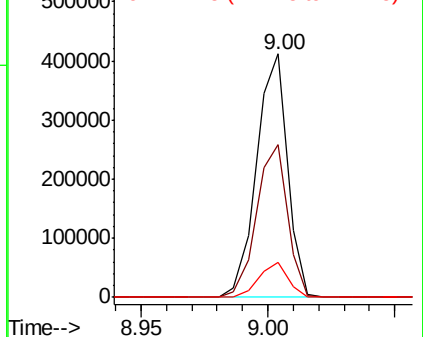
237 100

235 62.8 42.0 82.0

272 14.3 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: 76.823 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

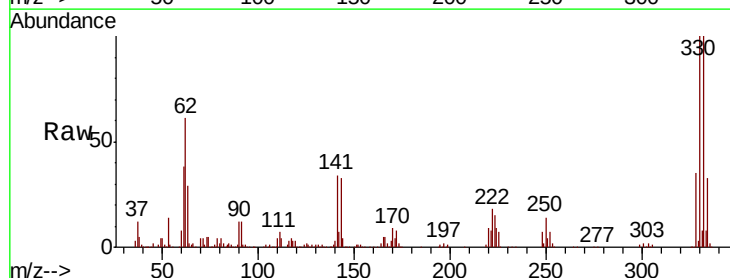
Tgt Ion: 330 Resp: 561930

Ion Ratio Lower Upper

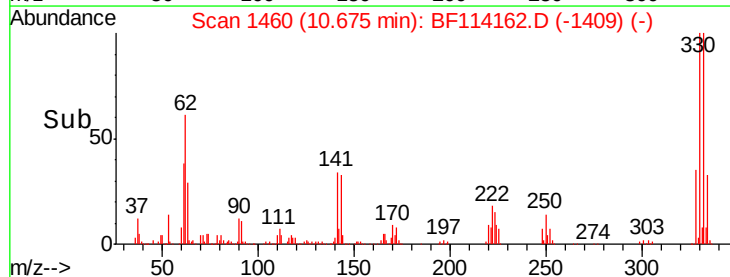
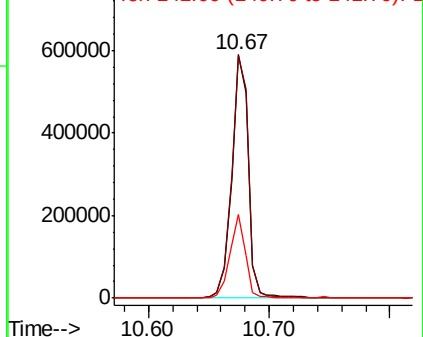
330 100

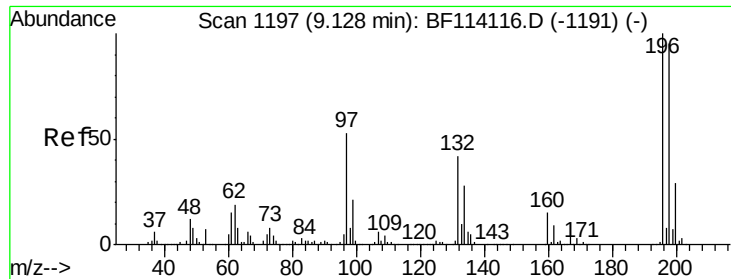
332 102.4 81.4 122.2

141 32.3 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

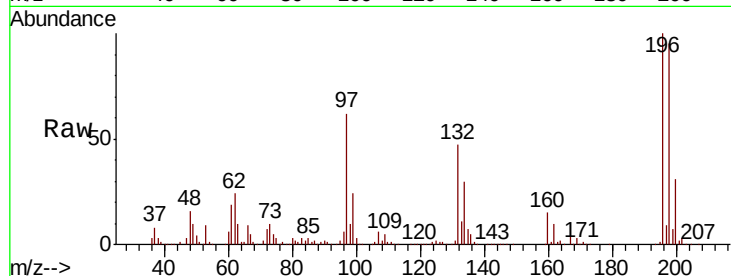




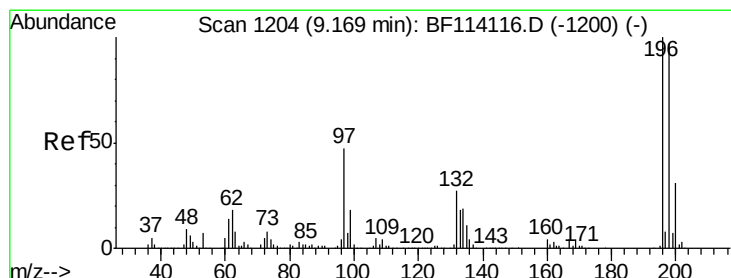
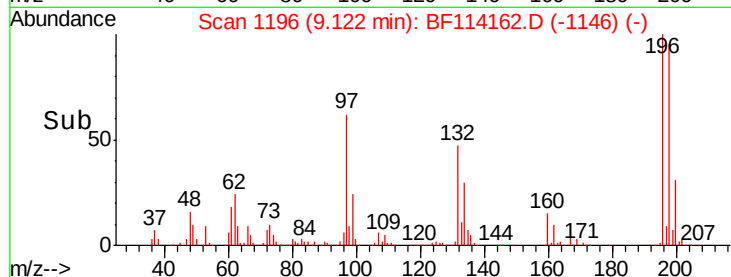
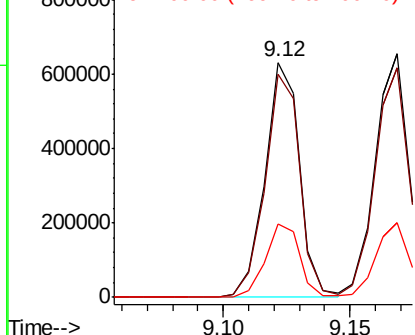
#43
 2,4,6-Trichlorophenol
 Concen: 40.961 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 603842
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.9 113.9
 200 31.0 23.5 35.3



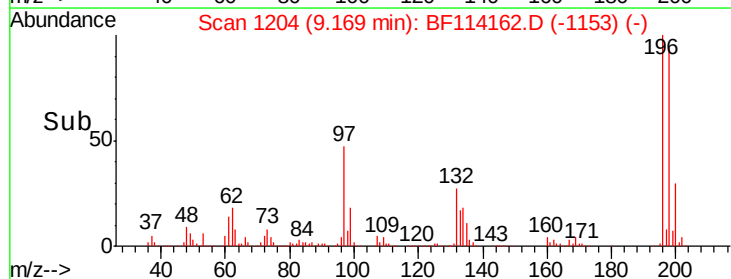
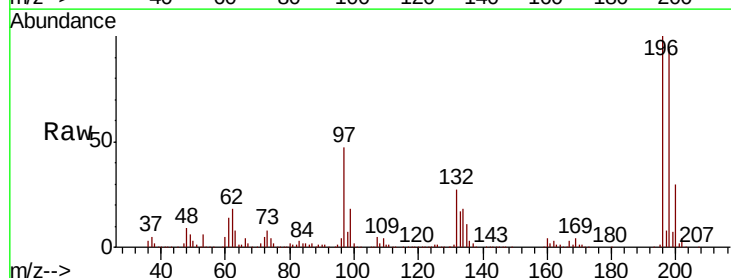
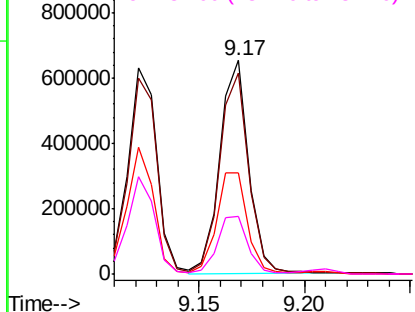
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

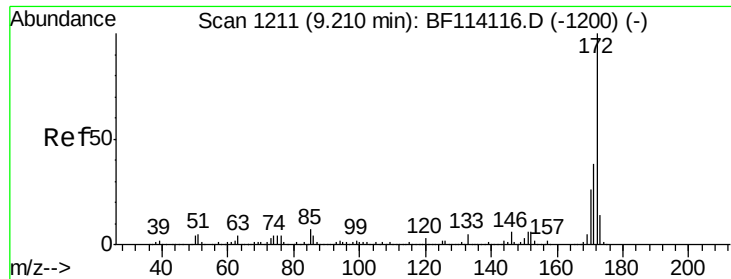


#44
 2,4,5-Trichlorophenol
 Concen: 40.792 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion:196 Resp: 616706
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.7 116.5
 97 47.2 38.2 57.2
 132 27.1 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

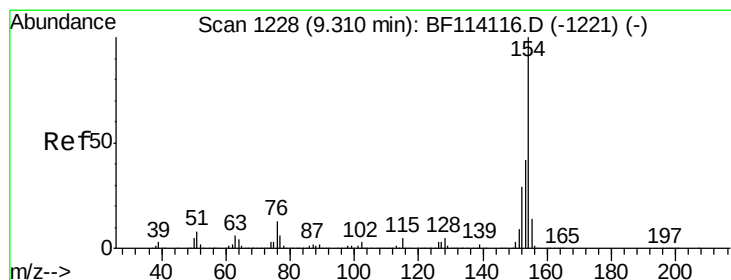
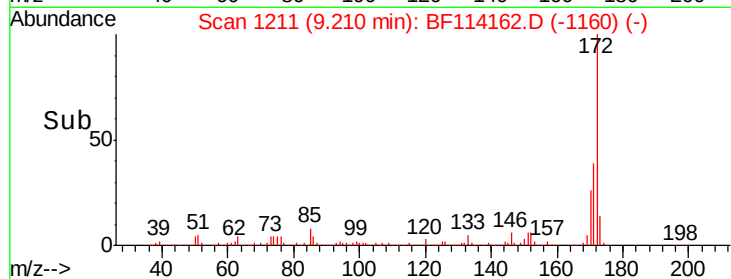
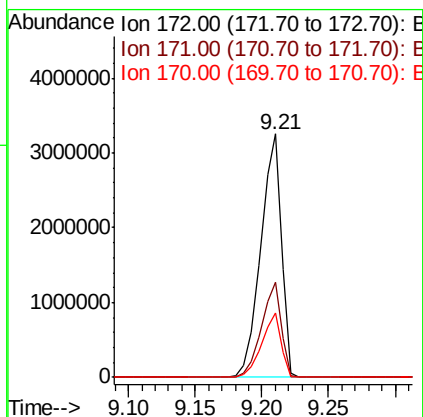
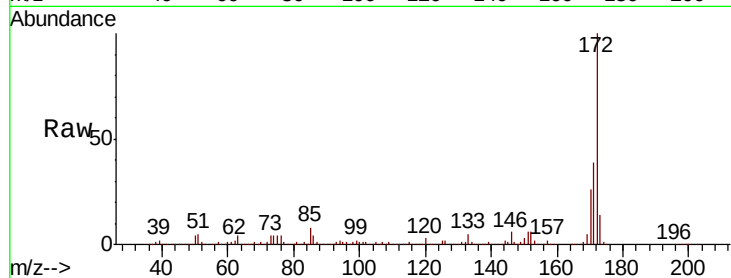




#45
2-Fluorobiphenyl
Concen: 73.498 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

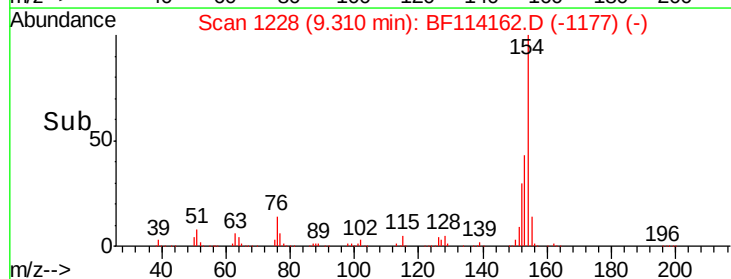
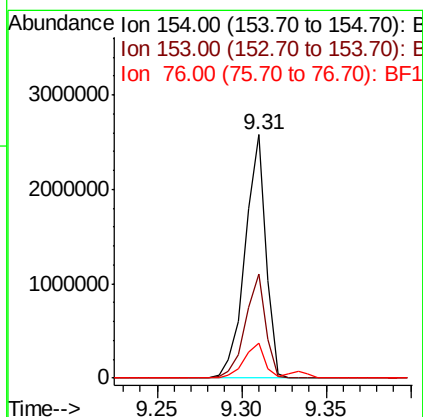
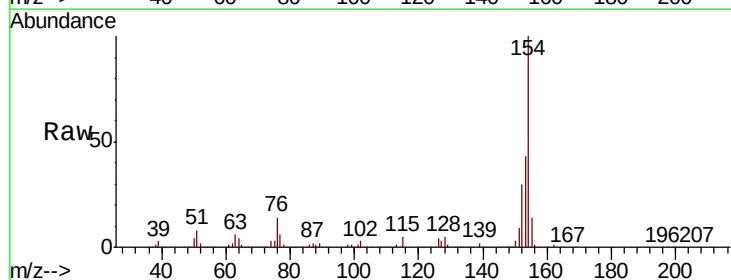
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

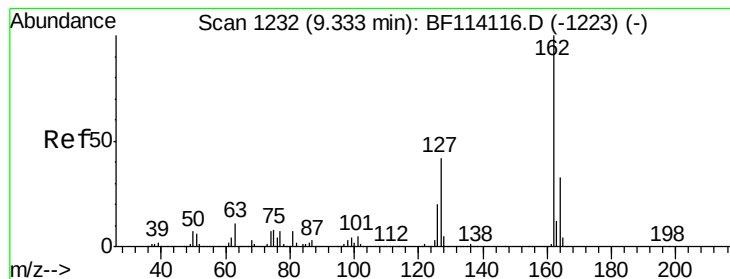
Tgt Ion:172 Resp: 3437735
Ion Ratio Lower Upper
172 100
171 38.9 30.7 46.1
170 26.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 38.837 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:154 Resp: 2219856
Ion Ratio Lower Upper
154 100
153 42.8 21.9 61.9
76 14.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.509 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

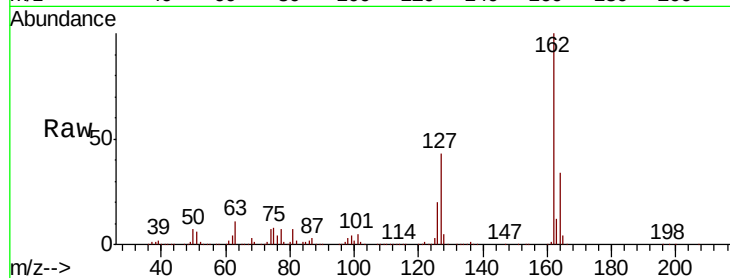
Tgt Ion: 162 Resp: 1817424

Ion Ratio Lower Upper

162 100

127 42.5 34.0 51.0

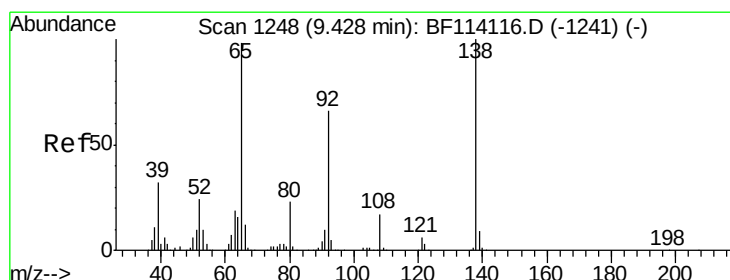
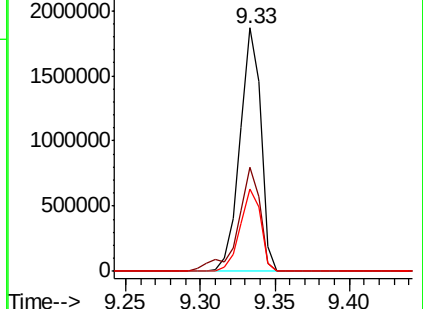
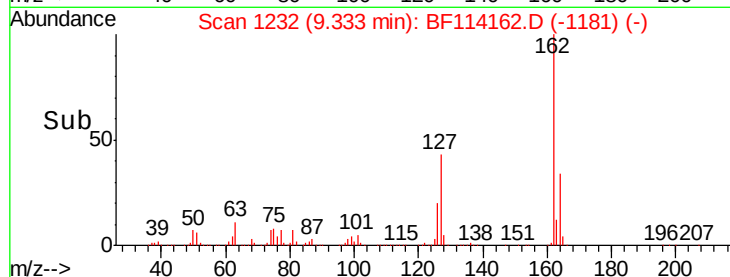
164 33.9 26.7 40.1



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: 41.059 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

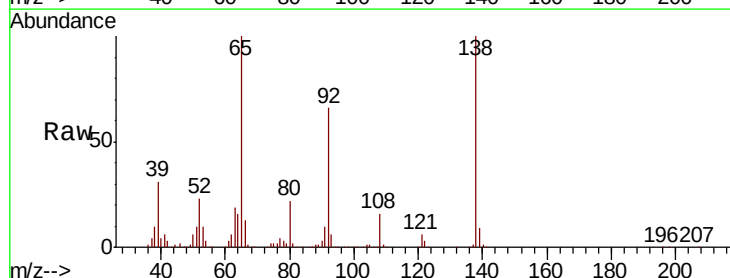
Tgt Ion: 65 Resp: 669844

Ion Ratio Lower Upper

65 100

92 66.0 53.9 80.9

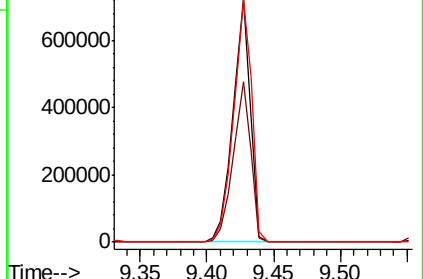
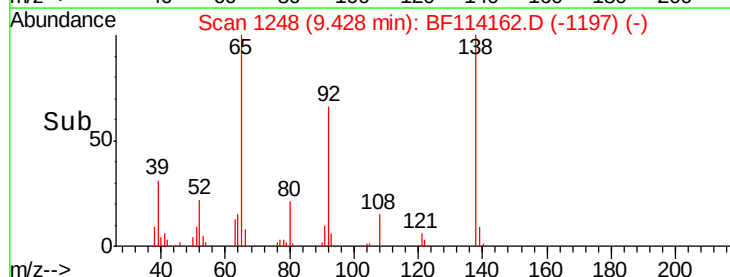
138 99.7 81.4 122.0

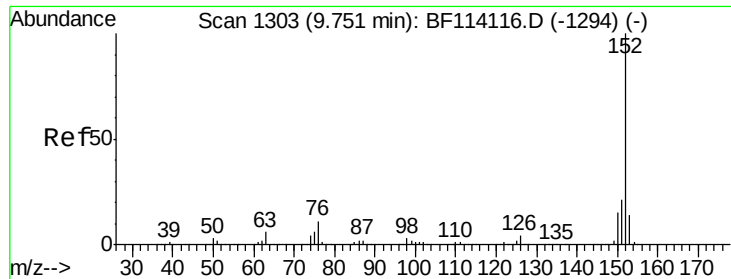


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.257 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

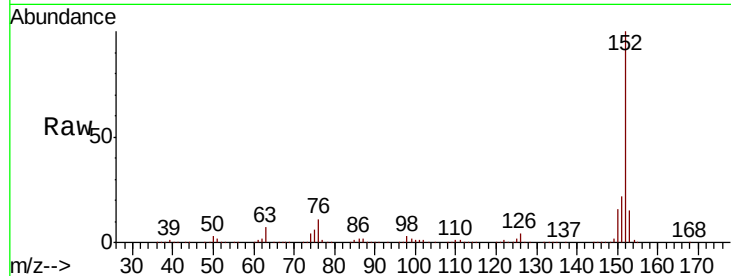
Tgt Ion:152 Resp: 2746545

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

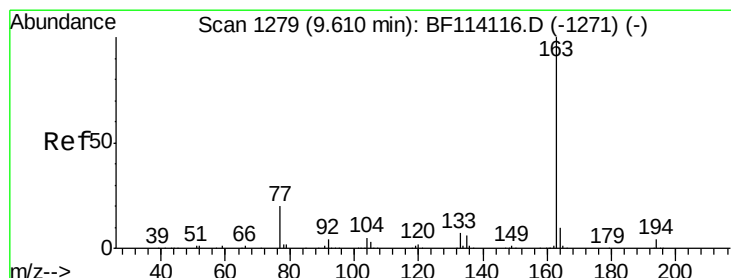
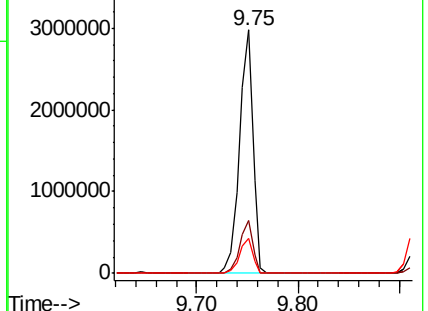
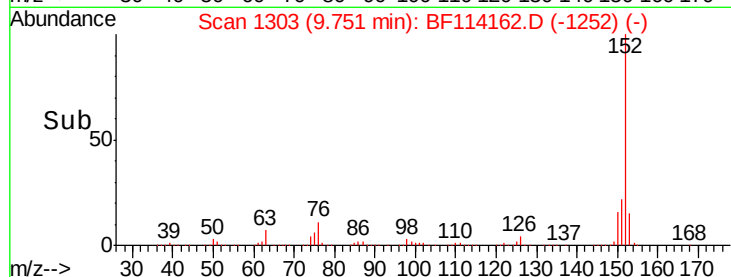
153 14.6 11.4 17.2



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: 40.455 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

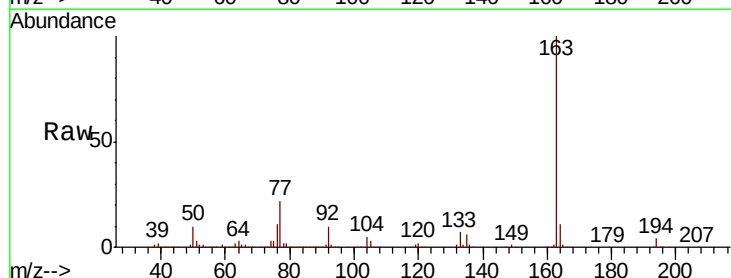
Tgt Ion:163 Resp: 2101189

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

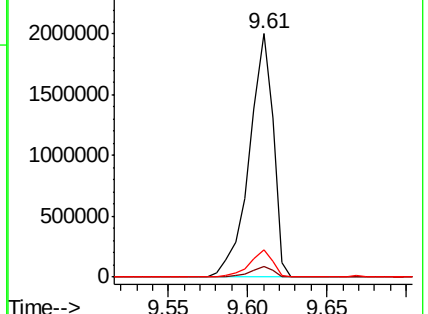
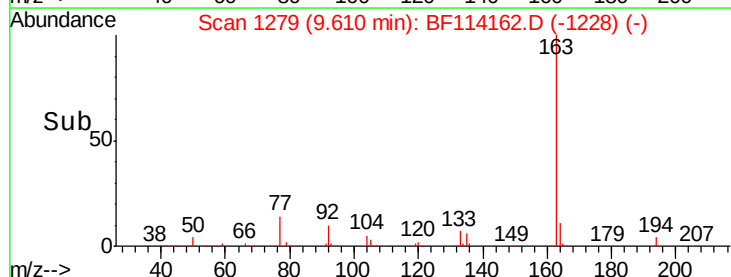
164 11.0 8.2 12.2

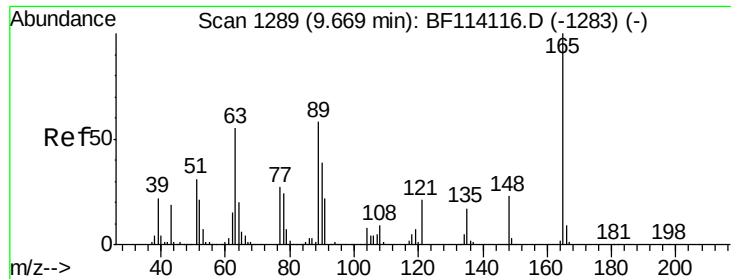


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

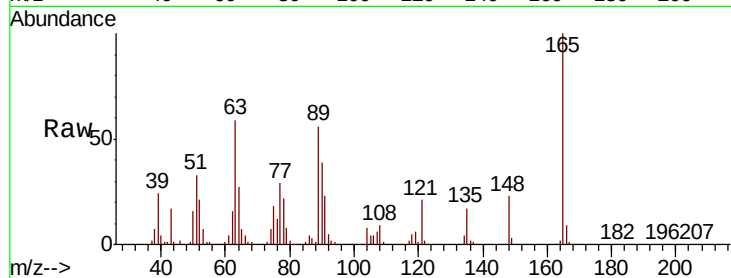




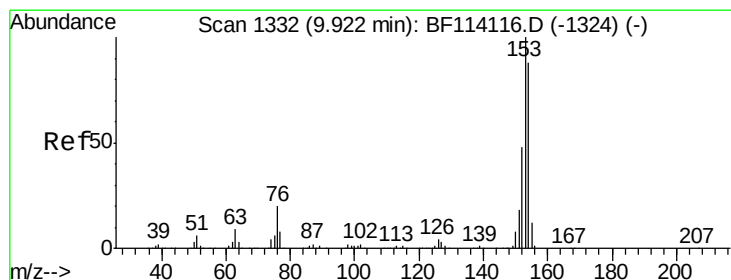
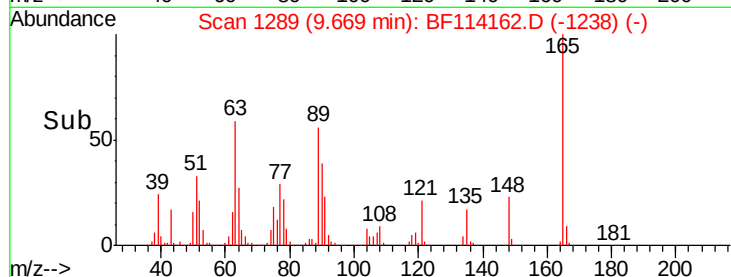
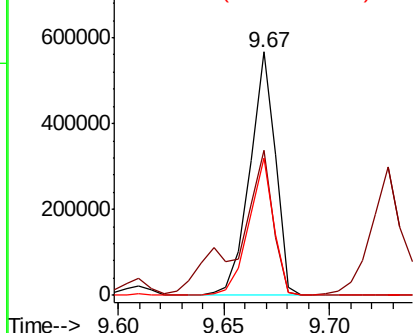
#51
2,6-Dinitrotoluene
Concen: 41.647 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 479772
Ion Ratio Lower Upper
165 100
63 59.4 50.2 75.4
89 56.3 46.6 69.8

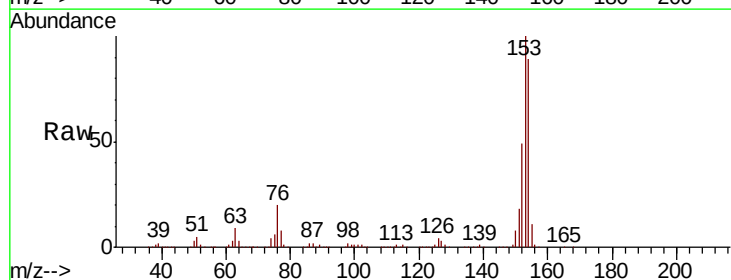


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

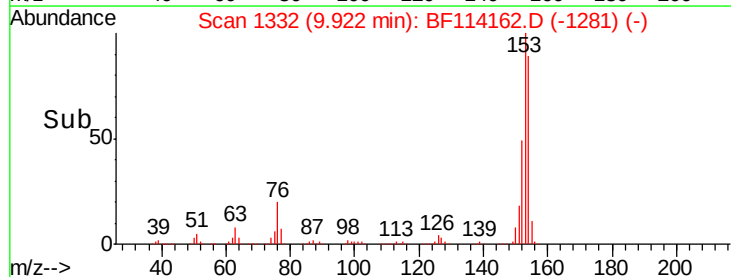
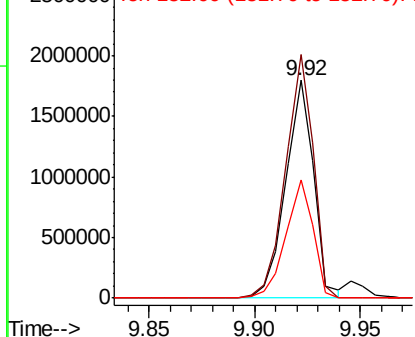


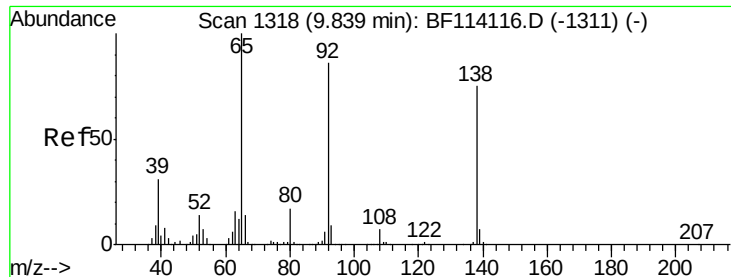
#52
Acenaphthene
Concen: 38.695 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:154 Resp: 1661309
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 54.6 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: 40.812 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

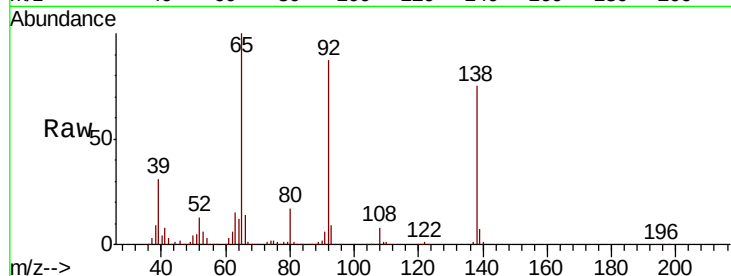
Tgt Ion:138 Resp: 583618

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

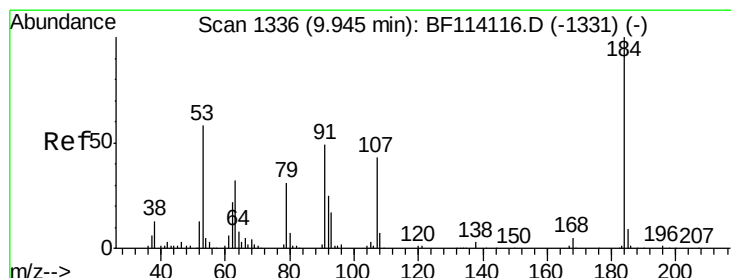
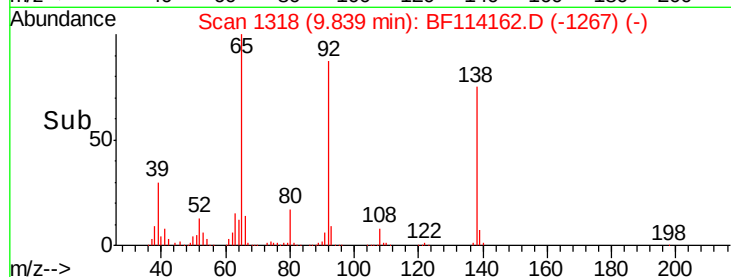
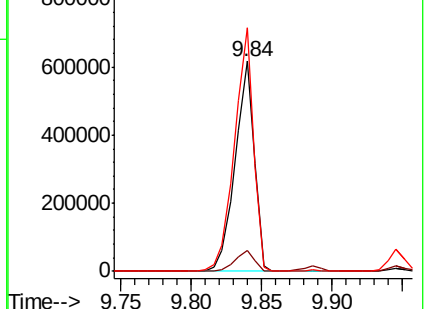
92 116.0 91.2 136.8



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: 42.209 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

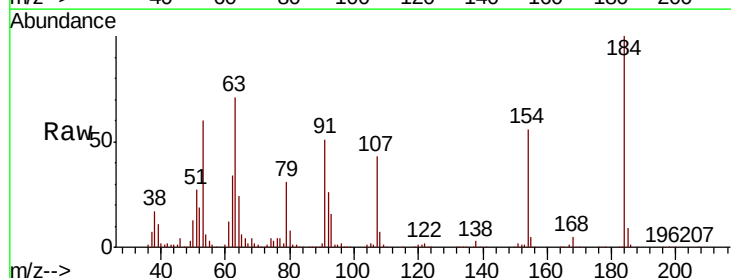
Tgt Ion:184 Resp: 224343

Ion Ratio Lower Upper

184 100

63 70.8 55.6 83.4

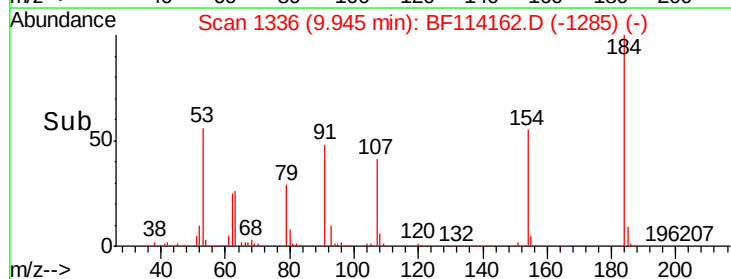
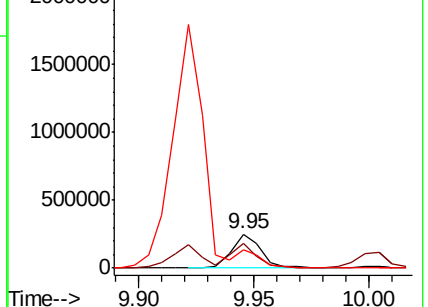
154 55.6 46.0 69.0

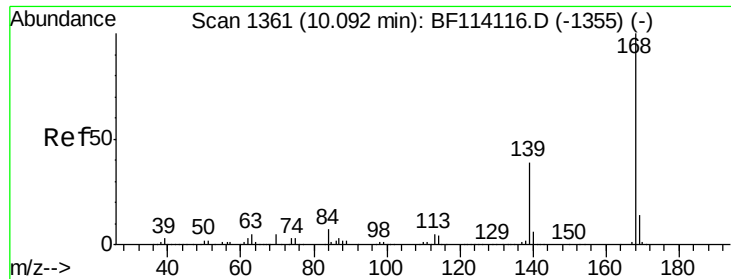


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

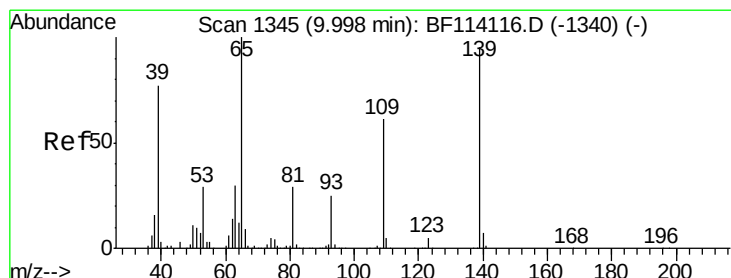
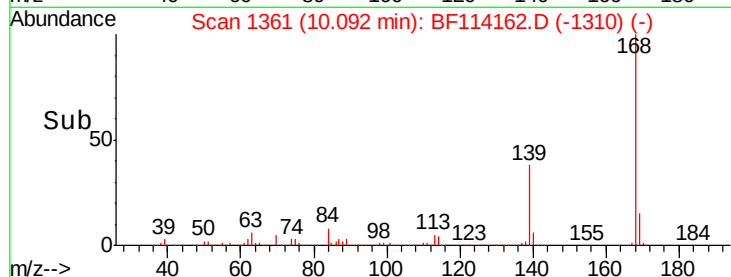
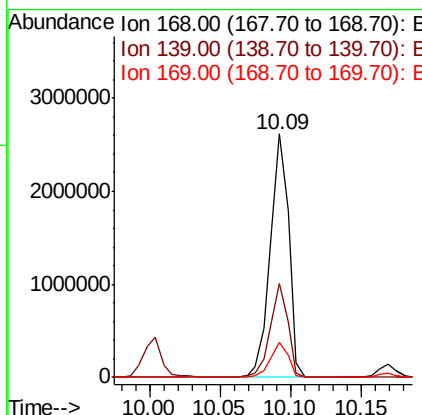
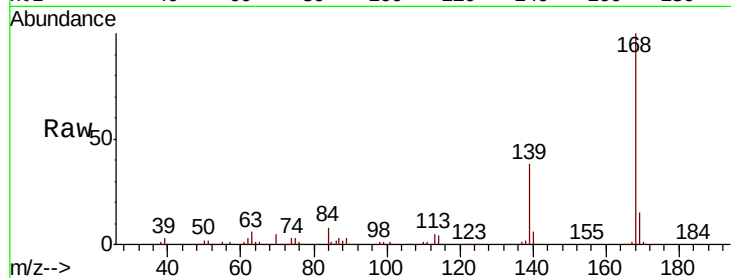




#55
Dibenzenofuran
Concen: 38.325 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

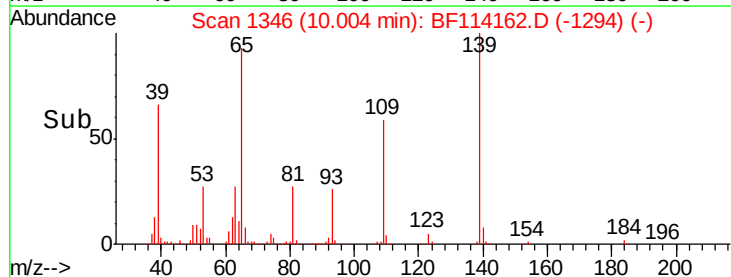
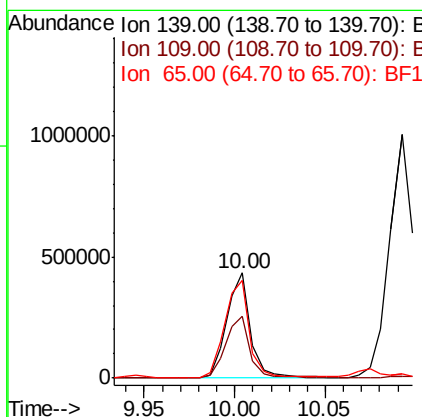
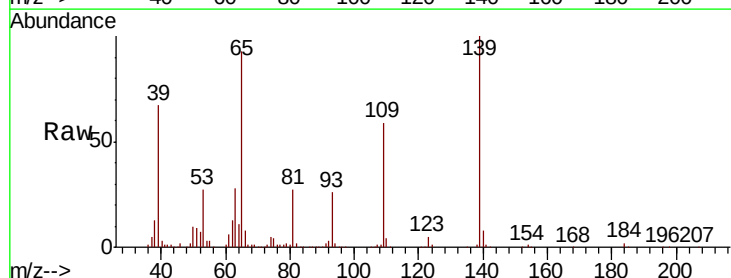
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

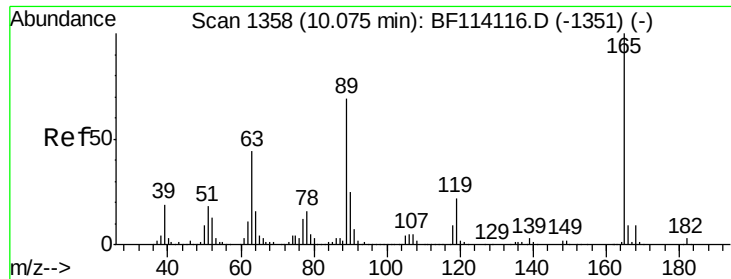
Tgt Ion:168 Resp: 2412733
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 14.6 11.4 17.0



#56
4-Nitrophenol
Concen: 39.533 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:139 Resp: 399799
Ion Ratio Lower Upper
139 100
109 59.3 43.9 83.9
65 92.9 85.7 125.7

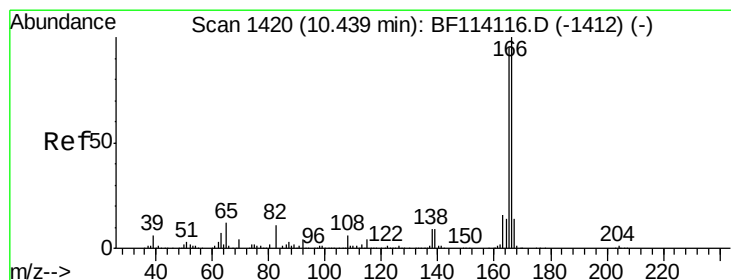
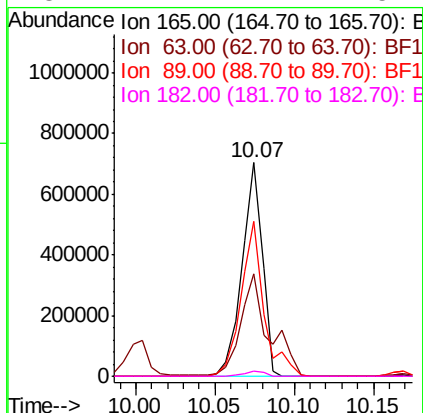
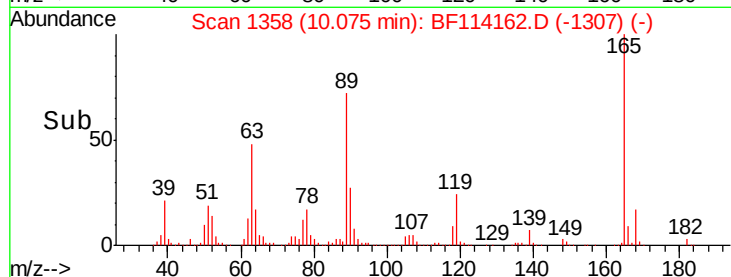
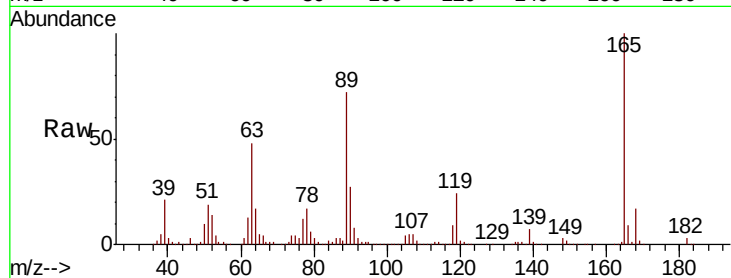




#57
2,4-Dinitrotoluene
Concen: 39.775 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

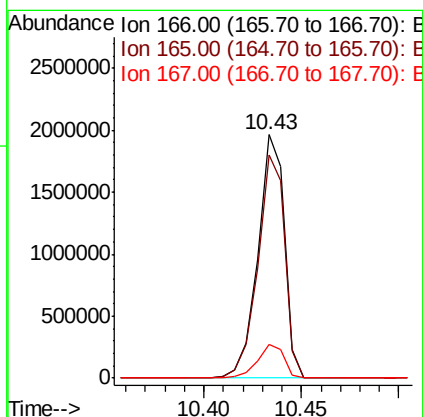
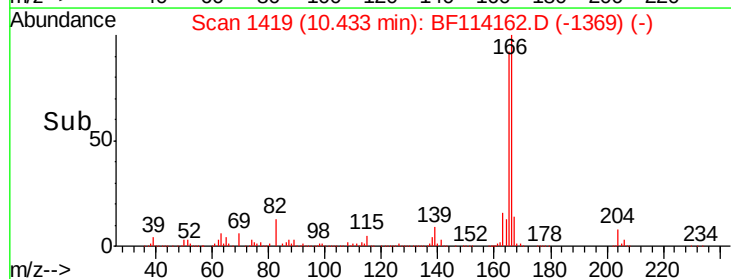
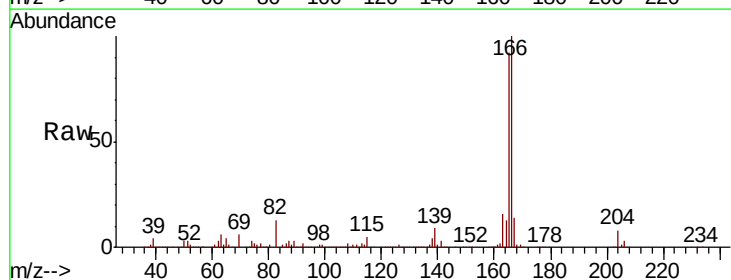
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

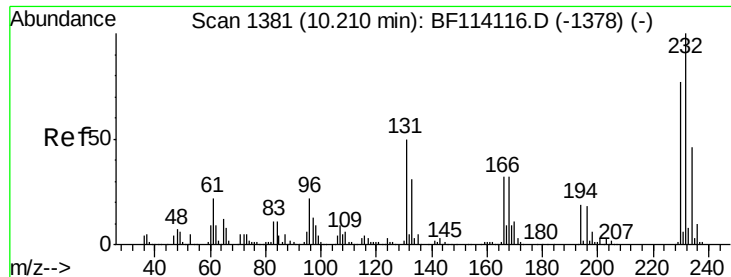
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.9	35.5	53.3
89	72.4	55.2	82.8
182	2.7	2.2	3.2



#58
Fluorene
Concen: 38.018 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.7	76.1	114.1
167	13.9	11.1	16.7

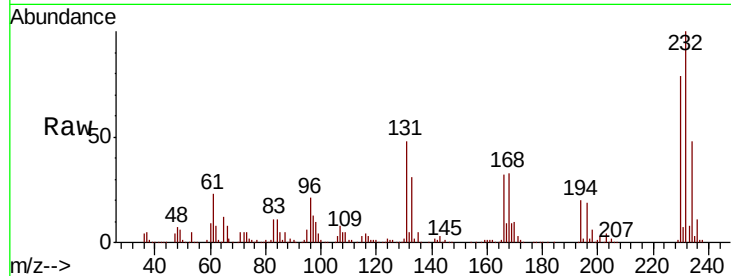




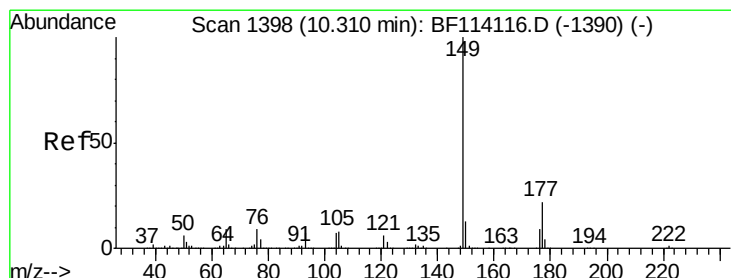
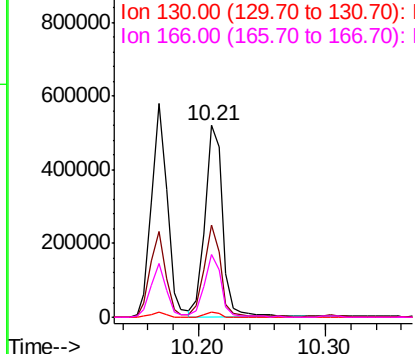
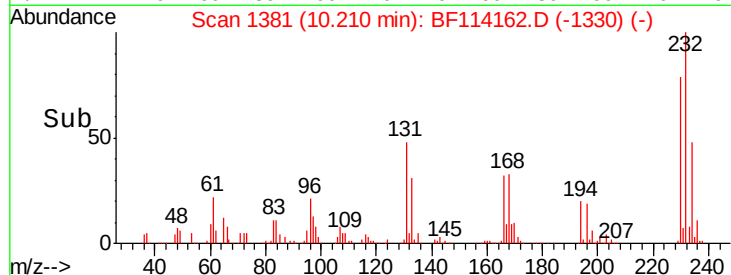
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.973 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 232 Resp: 508399
Ion Ratio Lower Upper
232 100
131 44.3 35.6 53.4
130 2.2 1.6 2.4
166 30.4 24.1 36.1

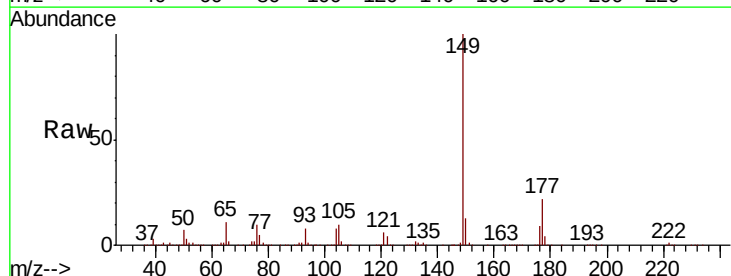


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

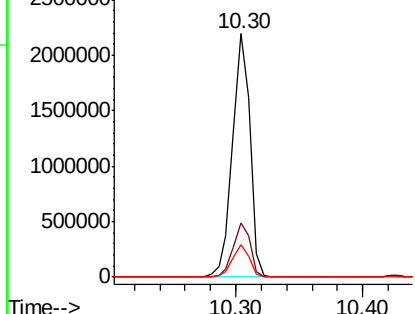
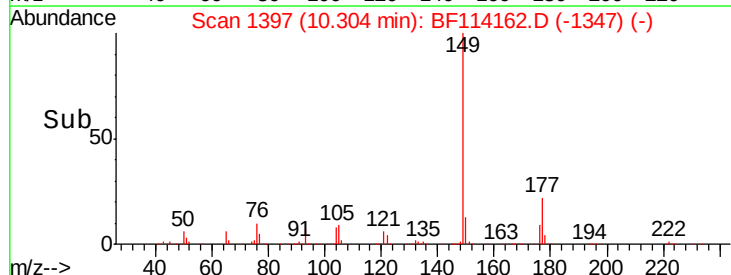


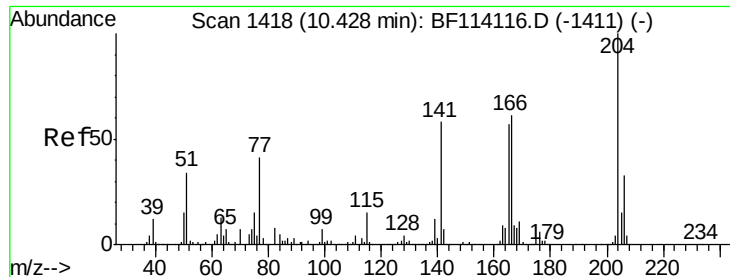
#60
Diethylphthalate
Concen: 39.082 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion: 149 Resp: 2062507
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

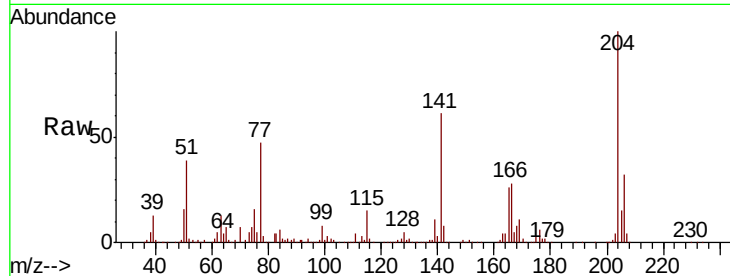




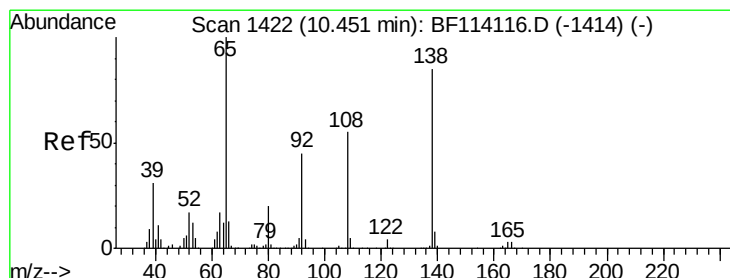
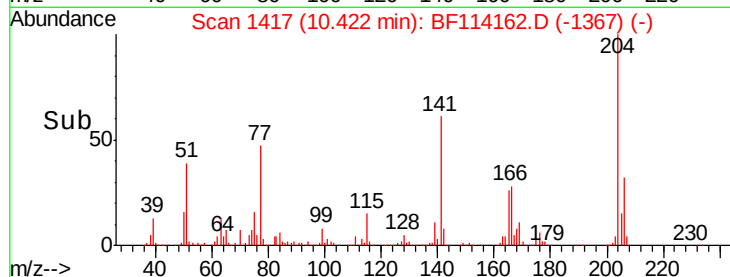
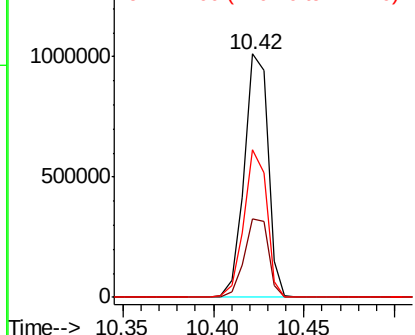
#61
4-Chlorophenyl-phenylether
Concen: 38.583 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 921490
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 60.7 46.4 69.6

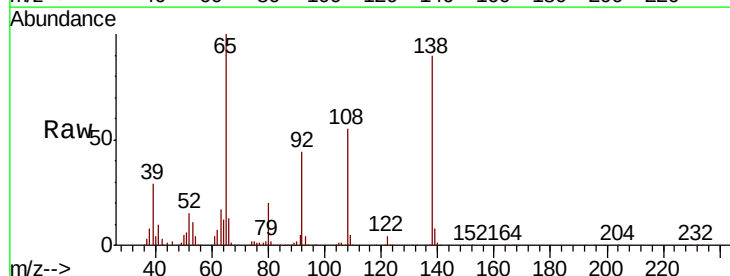


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

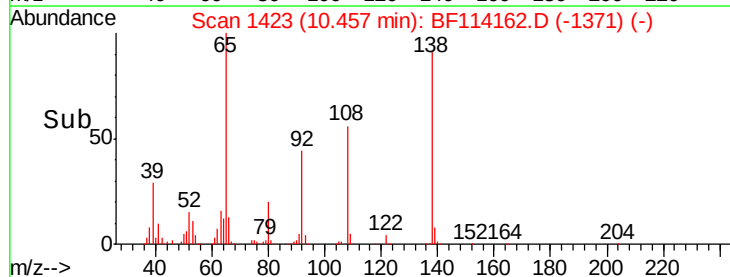
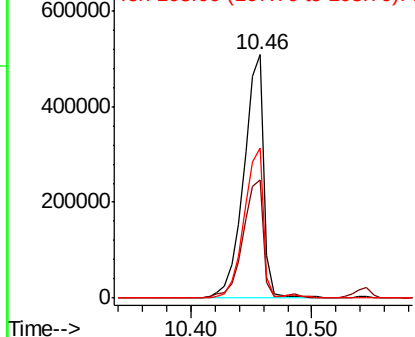


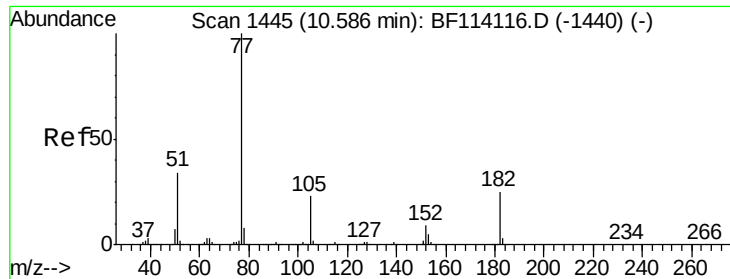
#62
4-Nitroaniline
Concen: 39.110 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion: 138 Resp: 587698
Ion Ratio Lower Upper
138 100
92 48.5 33.0 73.0
108 61.5 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: 39.028 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1993628

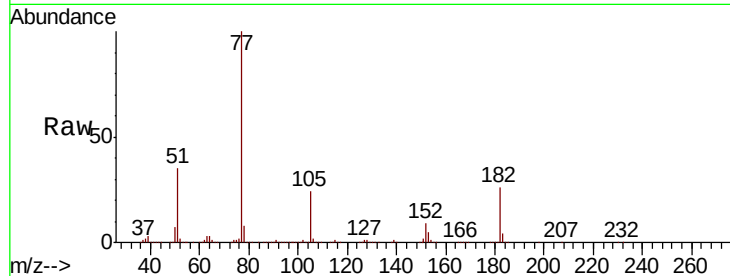
Ion Ratio Lower Upper

77 100

182 26.3 4.7 44.7

105 24.3 2.9 42.9

51 35.0 14.6 54.6

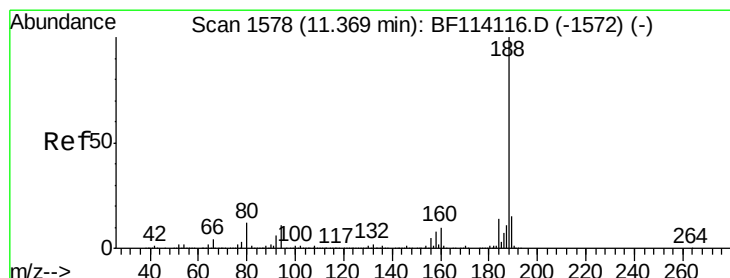
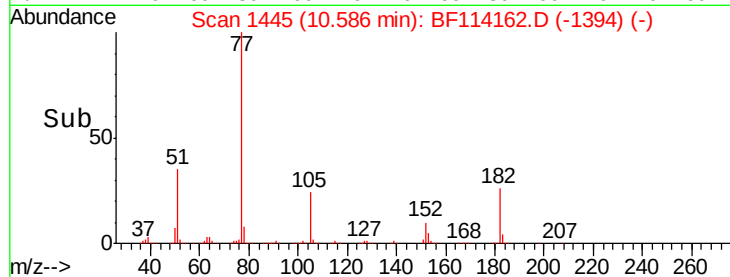
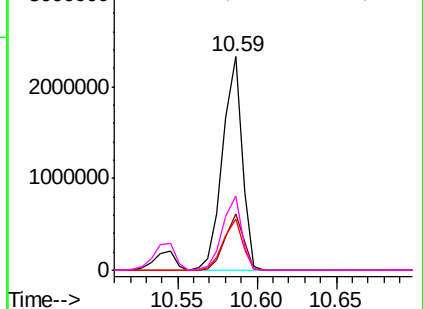


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

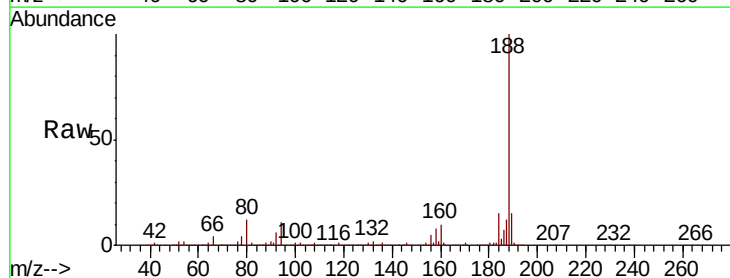
Tgt Ion: 188 Resp: 1368506

Ion Ratio Lower Upper

188 100

94 10.9 8.4 12.6

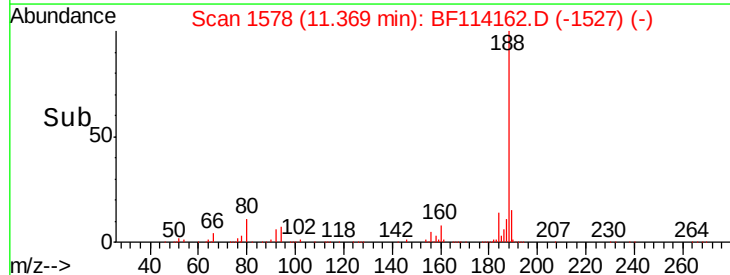
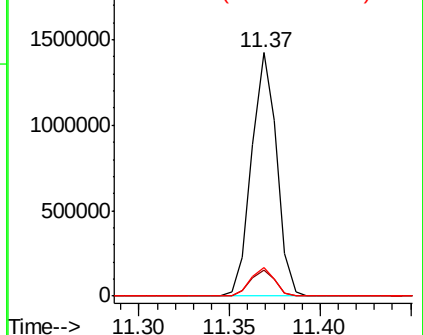
80 11.6 9.2 13.8

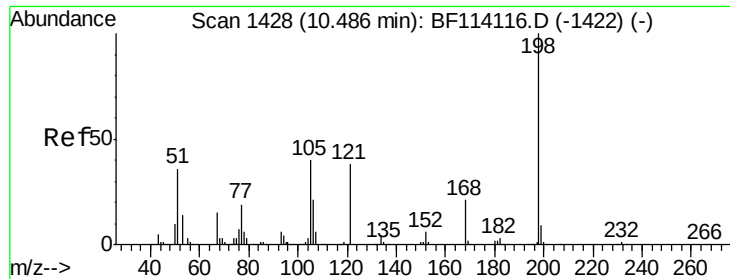


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

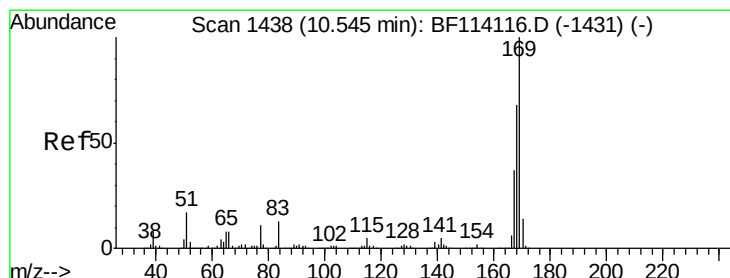
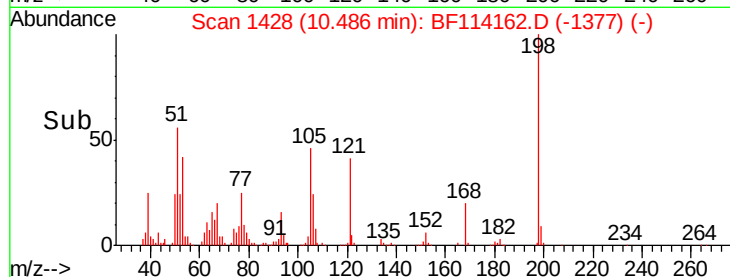
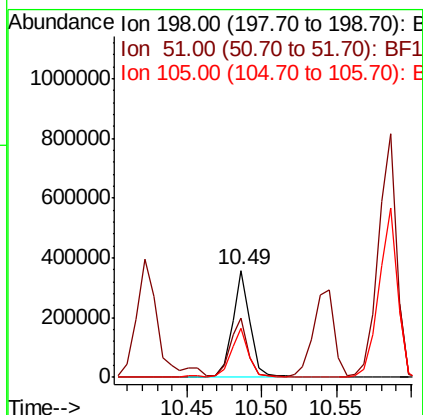
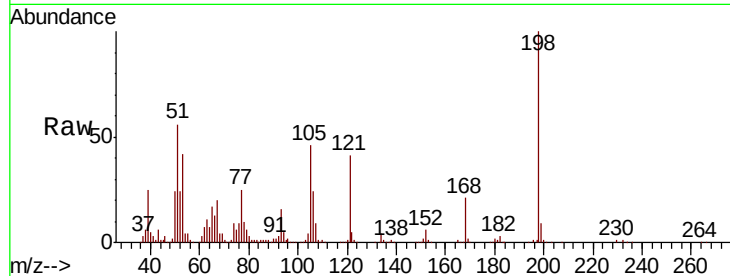




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.373 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

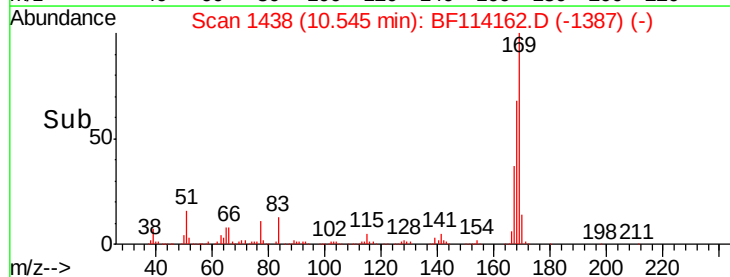
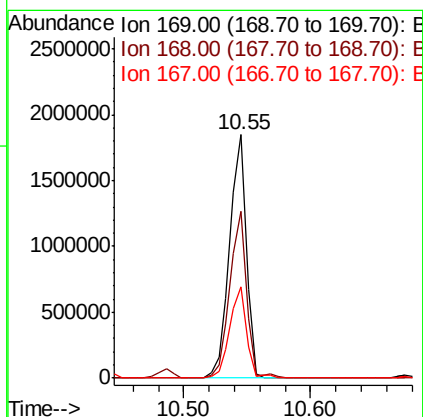
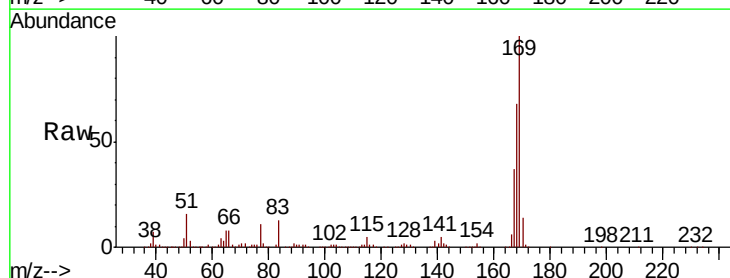
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

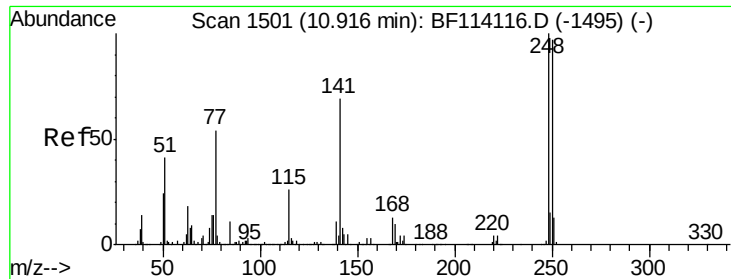
Tgt Ion:198 Resp: 298368
 Ion Ratio Lower Upper
 198 100
 51 55.8 28.0 68.0
 105 46.2 21.1 61.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.645 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion:169 Resp: 1688176
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.2 81.2
 167 37.3 29.8 44.8

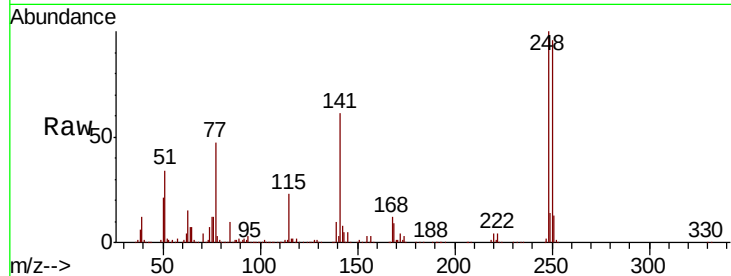




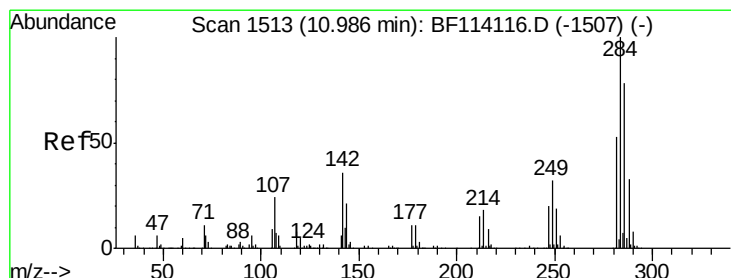
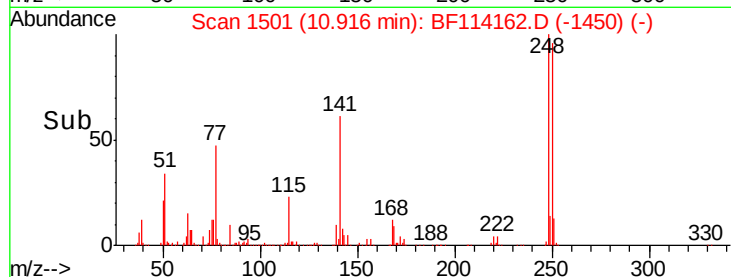
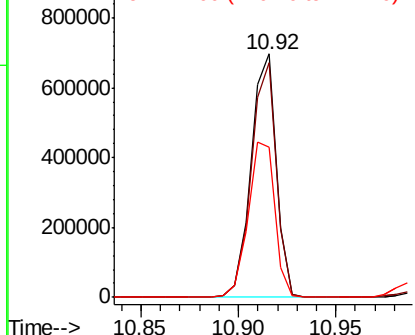
#67
 4-Bromophenyl-phenylether
 Concen: 41.485 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 248 Resp: 625086
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.4 116.2
 141 61.5 55.6 83.4

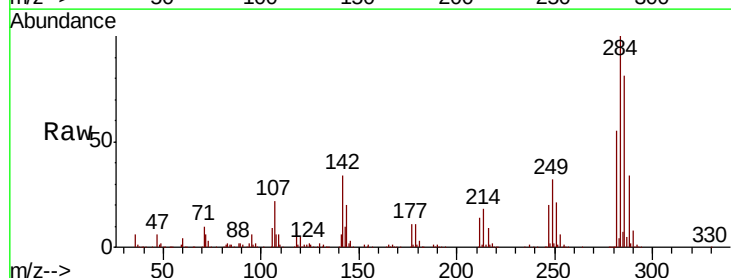


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

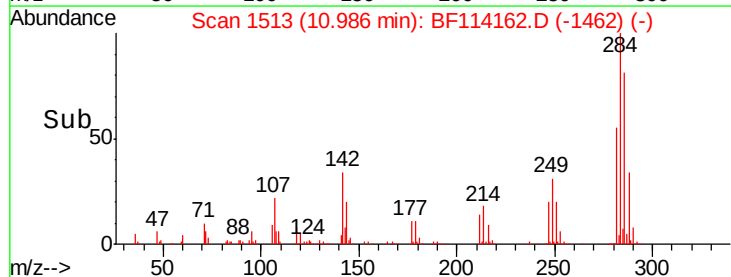
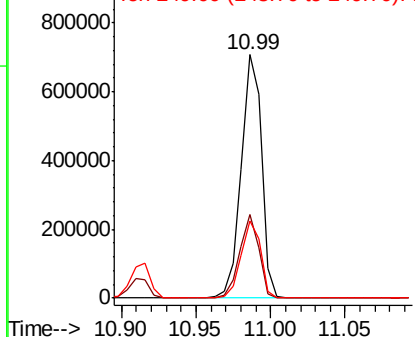


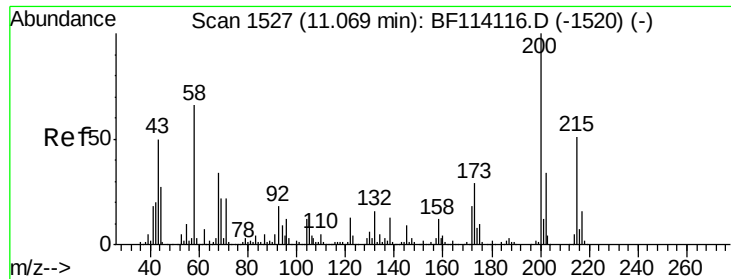
#68
 Hexachlorobenzene
 Concen: 40.093 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion: 284 Resp: 668318
 Ion Ratio Lower Upper
 284 100
 142 34.2 28.4 42.6
 249 31.6 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.314 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

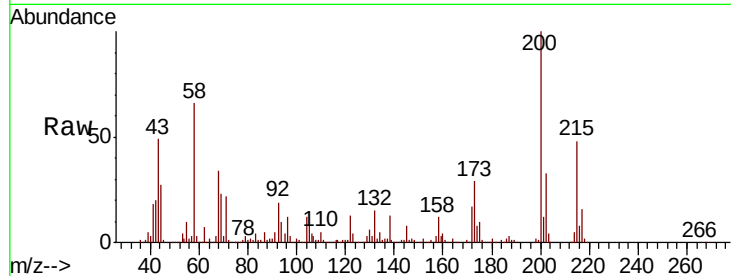
Tgt Ion:200 Resp: 546918

Ion Ratio Lower Upper

200 100

173 29.4 8.9 48.9

215 48.4 30.7 70.7

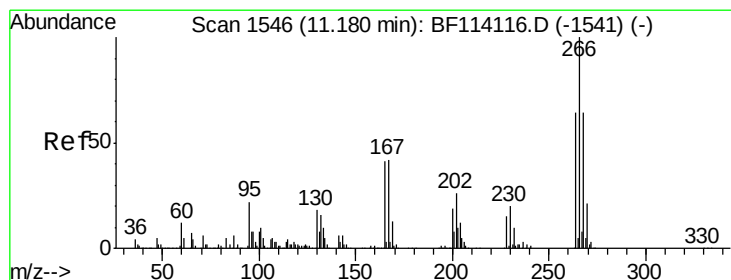
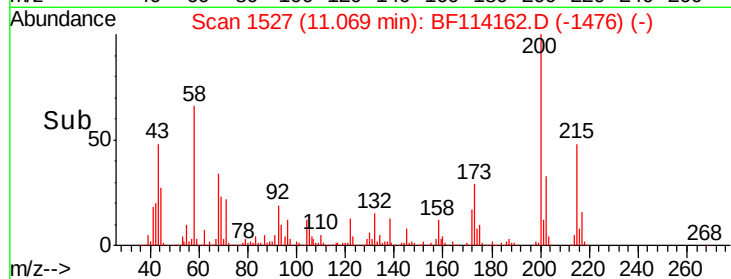
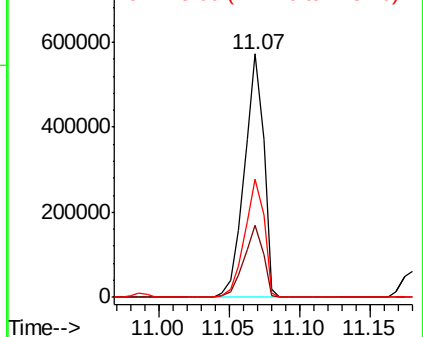


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.524 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

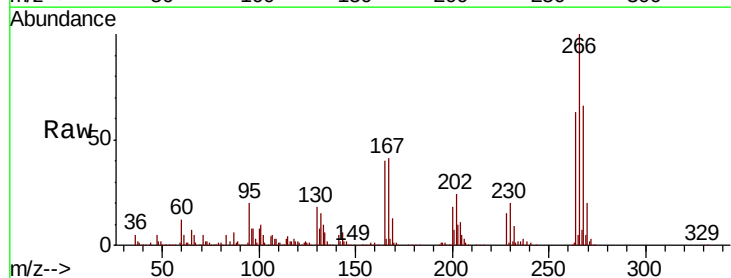
Tgt Ion:266 Resp: 343922

Ion Ratio Lower Upper

266 100

268 66.0 51.1 76.7

264 62.6 51.1 76.7

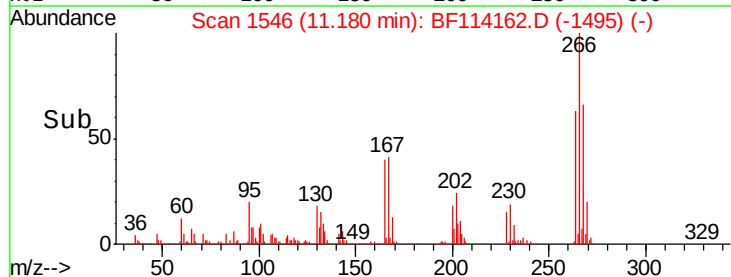
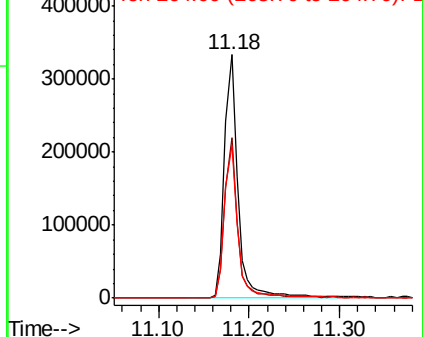


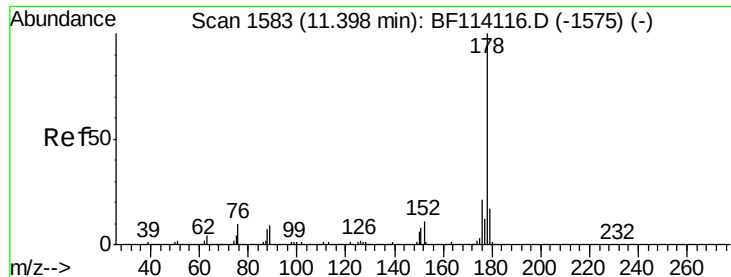
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

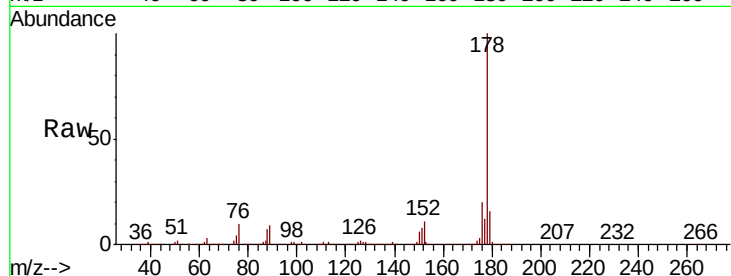




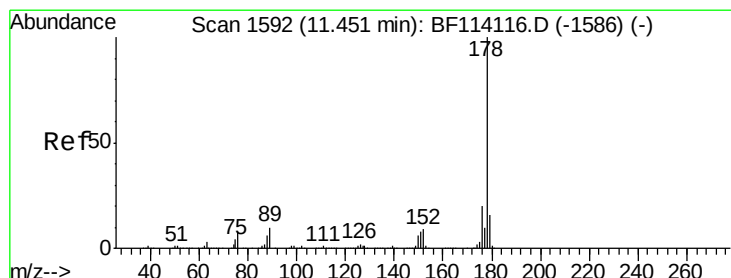
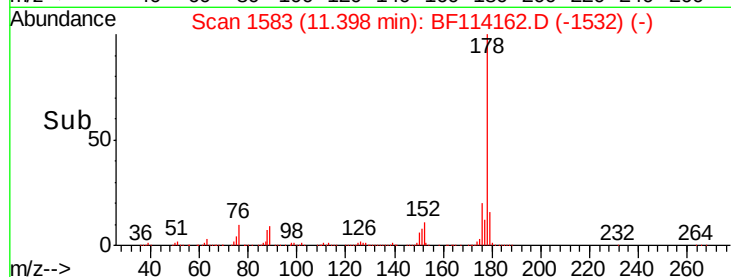
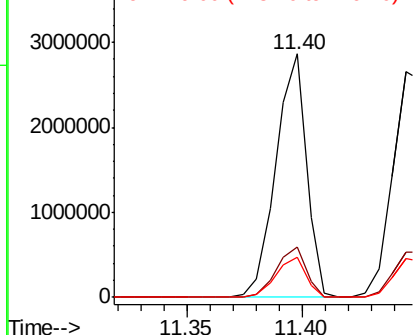
#71
Phenanthrene
Concen: 39.535 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2632221
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.4 13.2 19.8

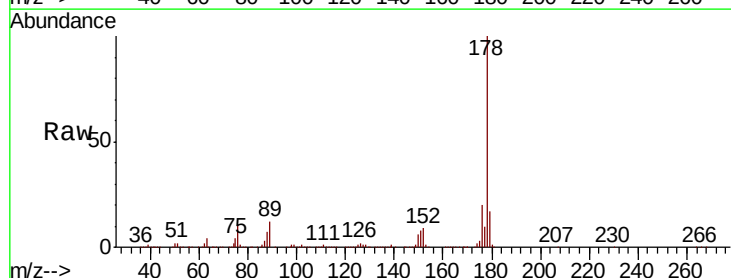


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

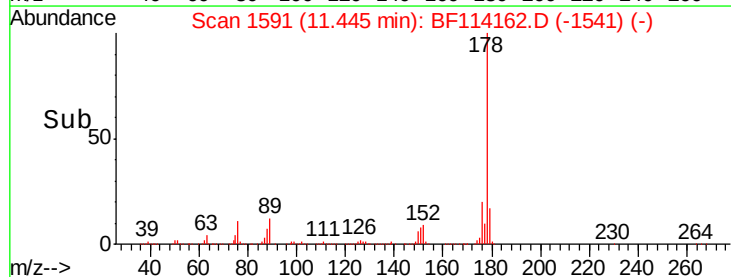
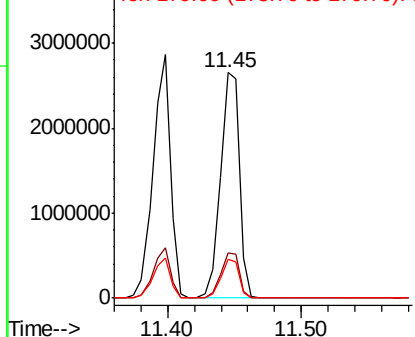


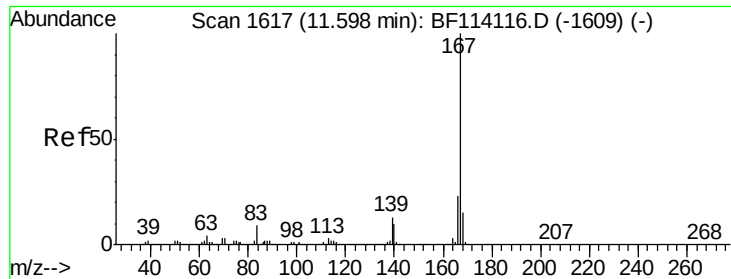
#72
Anthracene
Concen: 39.866 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:178 Resp: 2665951
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 17.0 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

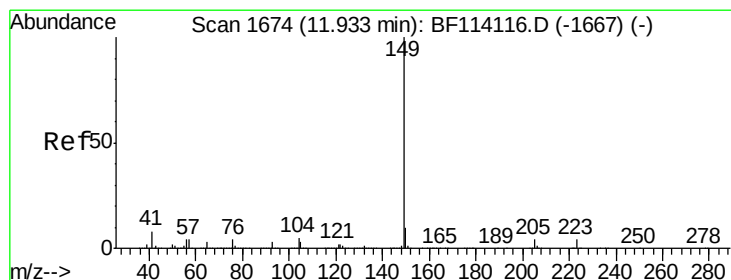
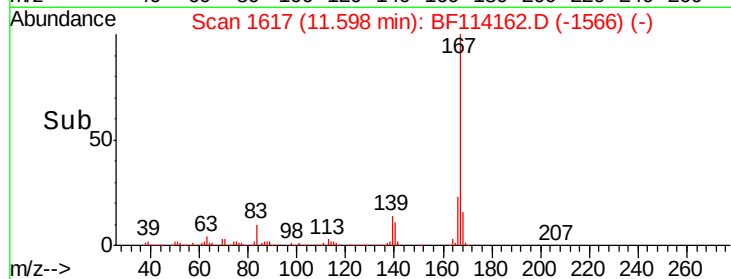
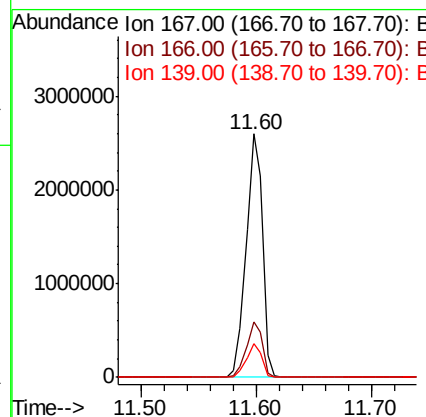
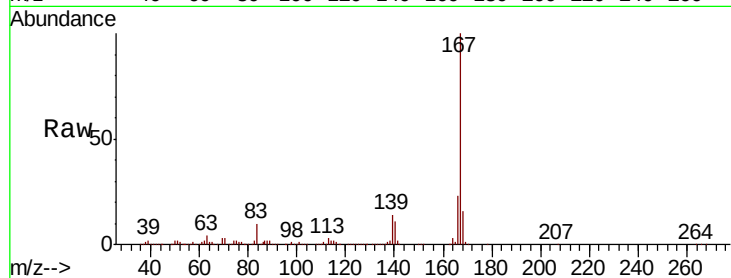




#73
 Carbazole
 Concen: 39.902 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

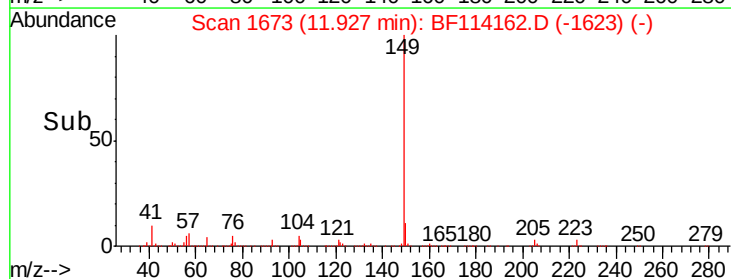
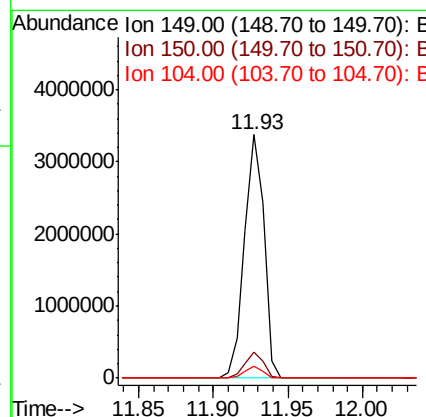
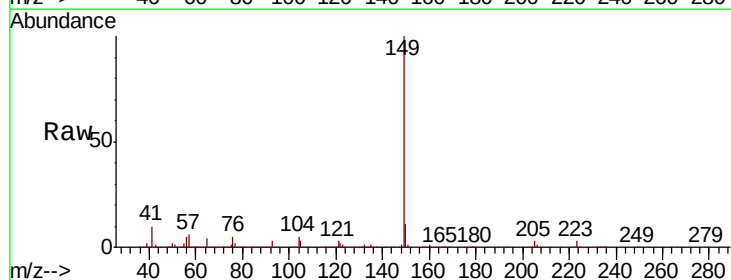
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

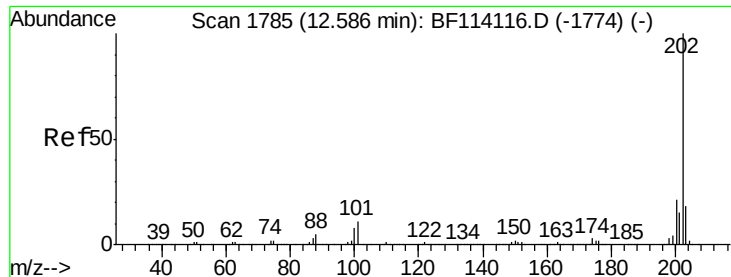
Tgt Ion:167 Resp: 2544532
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.135 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114162.D
 Acq: 11 May 2019 19:30

Tgt Ion:149 Resp: 3095608
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.7 11.5
 104 5.1 3.6 5.4

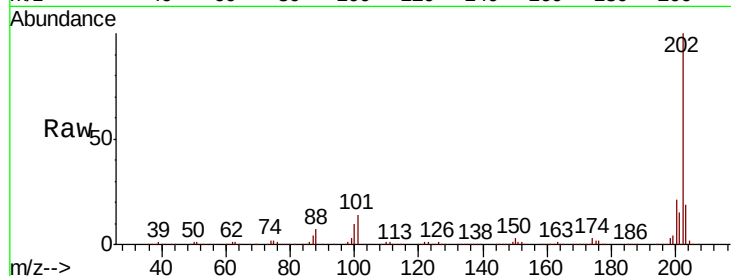




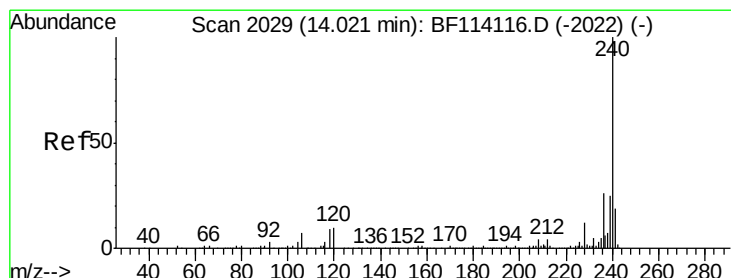
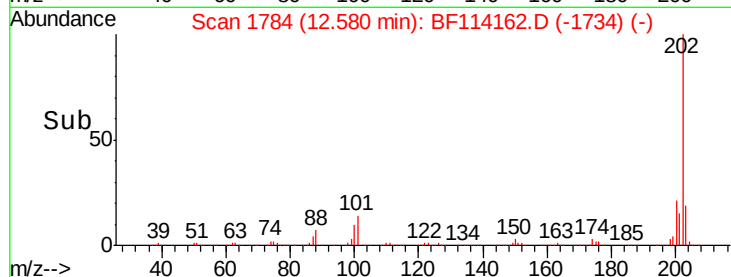
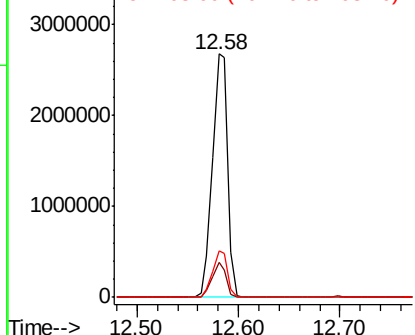
#75
Fluoranthene
Concen: 38.957 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 202 Resp: 2793157
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.0
203 19.2 0.0 38.4

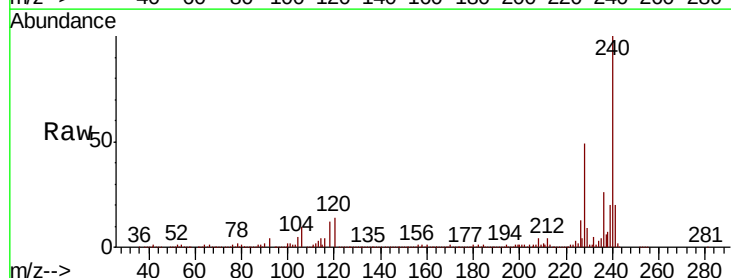


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

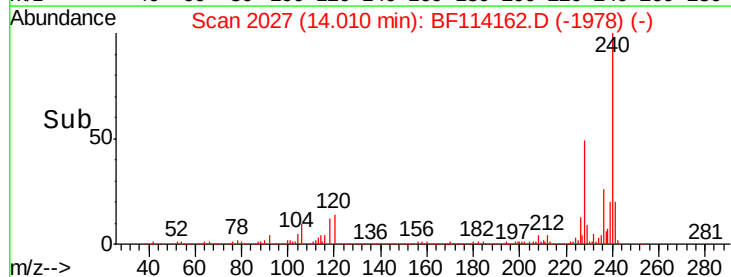
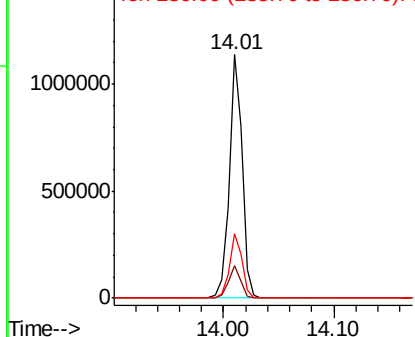


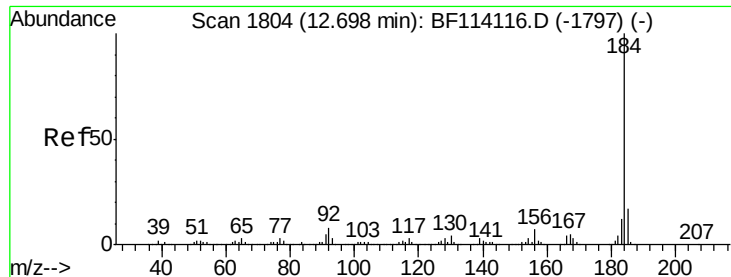
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion: 240 Resp: 925989
Ion Ratio Lower Upper
240 100
120 13.6 8.3 12.5#
236 26.2 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: 40.582 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

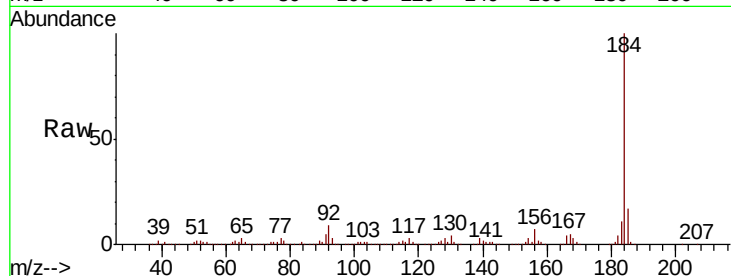
Tgt Ion:184 Resp: 1686840

Ion Ratio Lower Upper

184 100

185 17.4 13.6 20.4

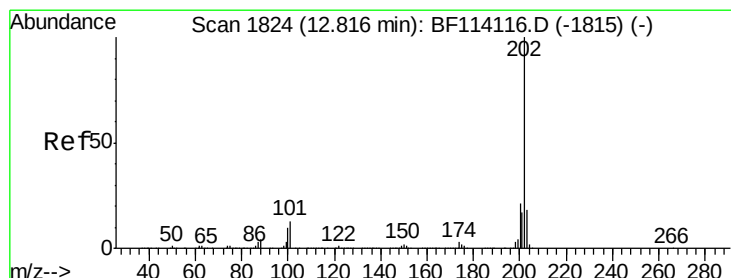
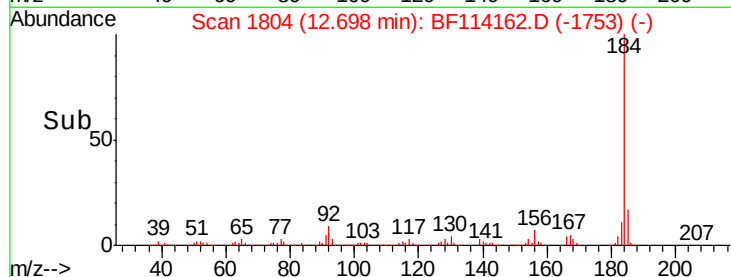
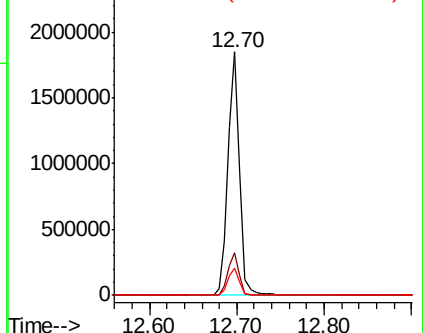
183 11.1 9.2 13.8



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: 38.428 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

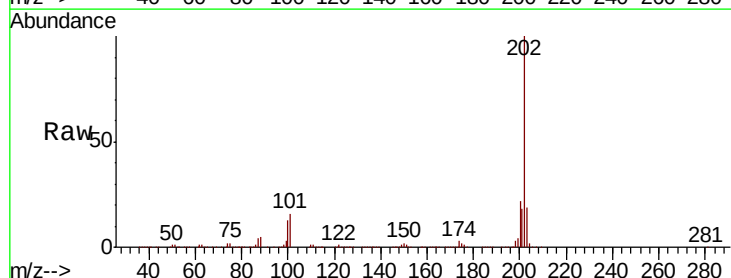
Tgt Ion:202 Resp: 2862539

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

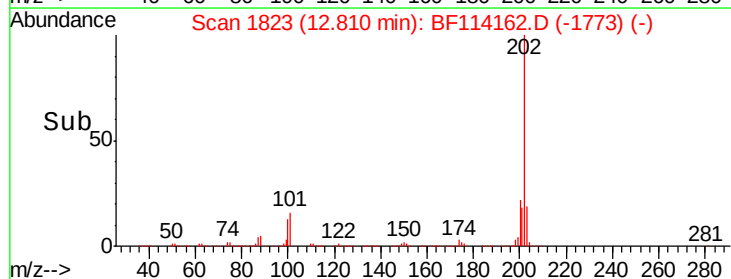
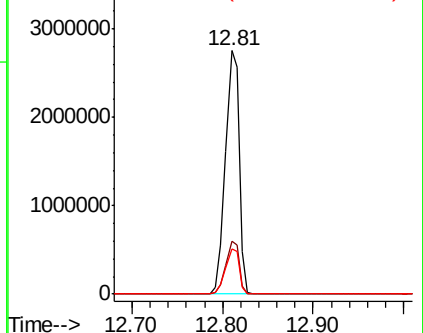
203 18.8 14.5 21.7

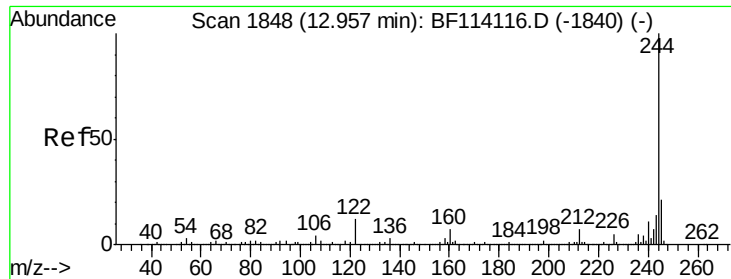


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.036 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

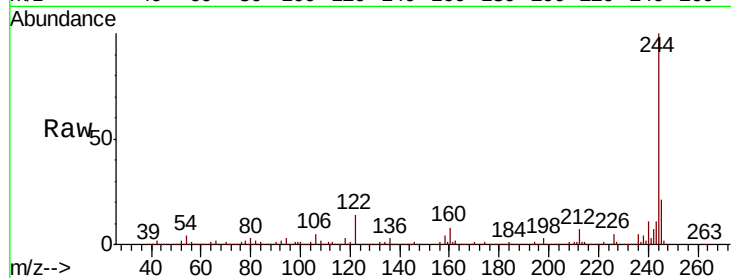
Tgt Ion:244 Resp: 3370590

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

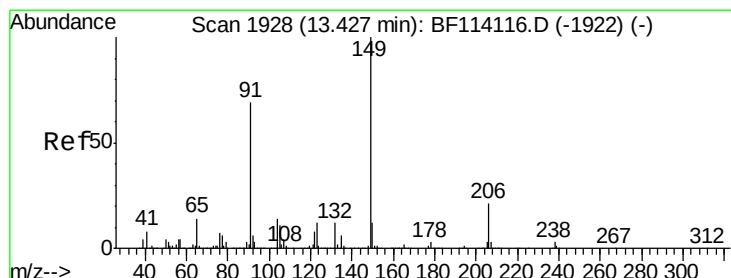
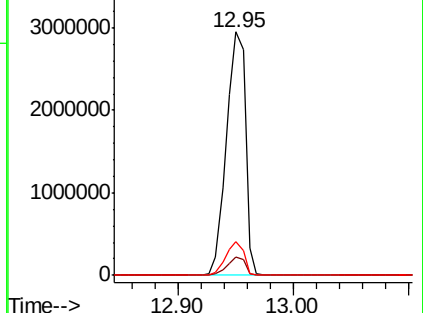
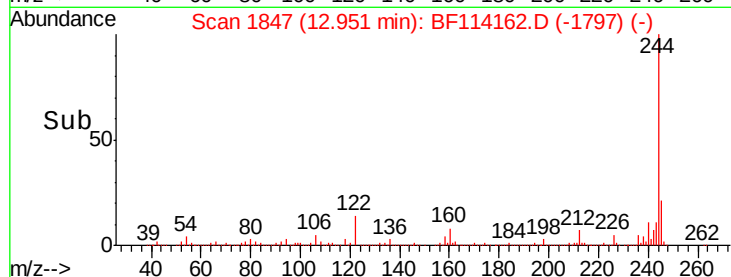
122 14.0 9.4 14.2



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: 43.345 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

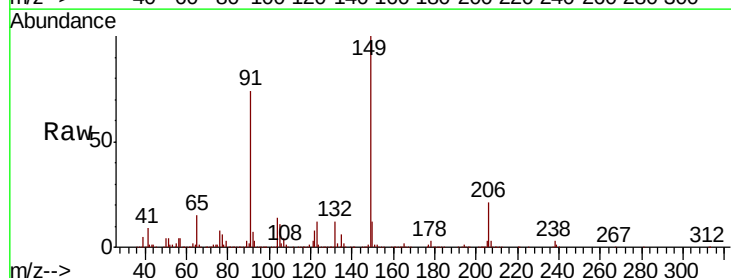
Tgt Ion:149 Resp: 1359032

Ion Ratio Lower Upper

149 100

91 73.7 55.0 82.4

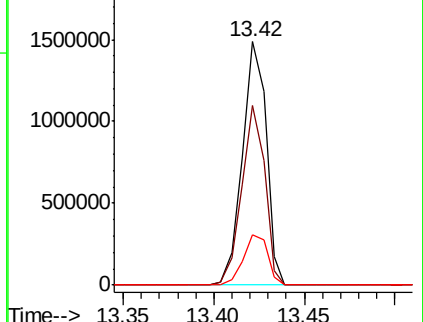
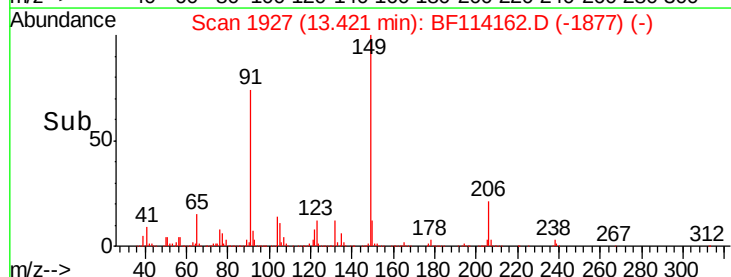
206 20.6 16.9 25.3

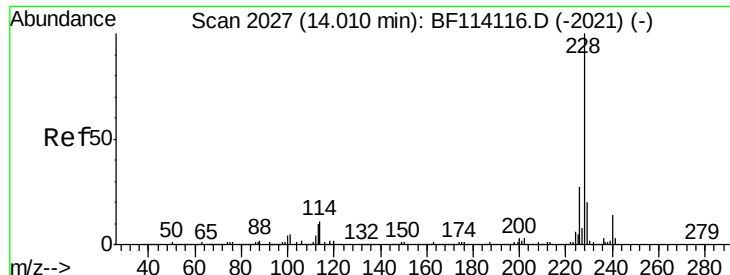


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.160 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

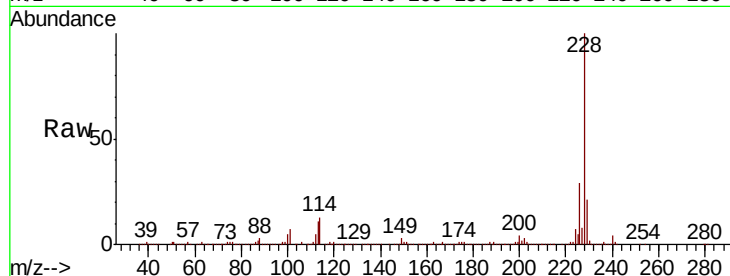
Tgt Ion:228 Resp: 2405280

Ion Ratio Lower Upper

228 100

226 28.8 22.2 33.2

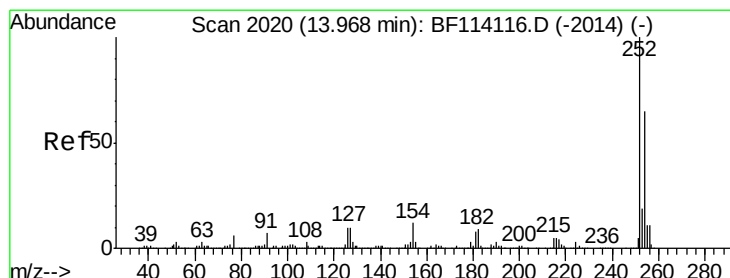
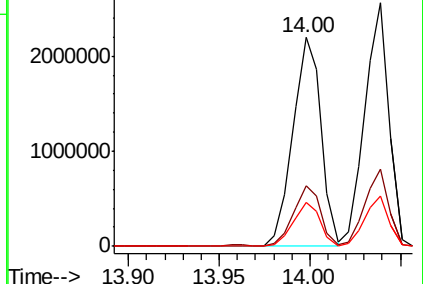
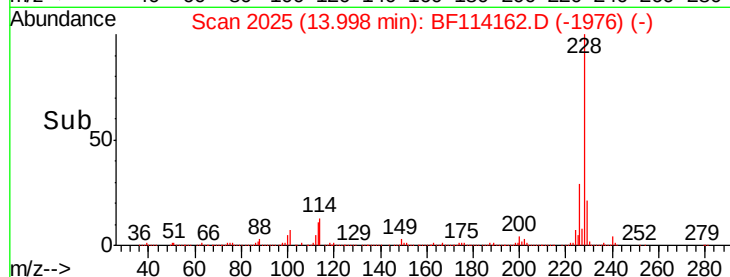
229 20.9 16.4 24.6



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: 43.249 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

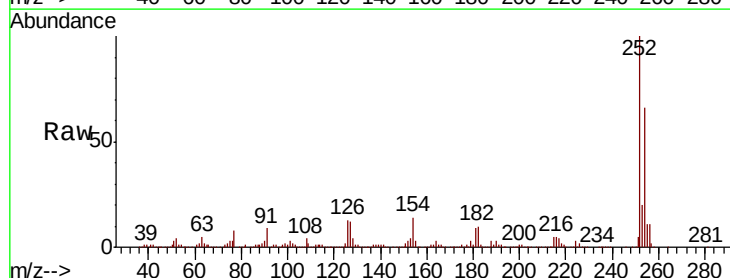
Tgt Ion:252 Resp: 1004845

Ion Ratio Lower Upper

252 100

254 65.6 51.9 77.9

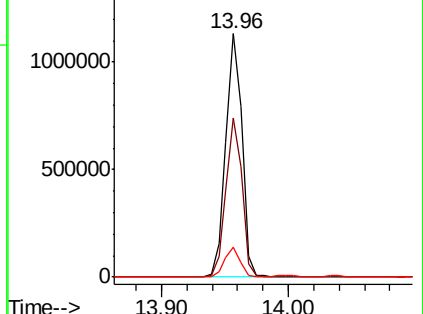
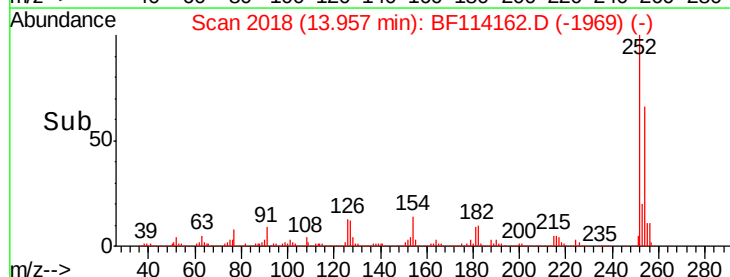
126 12.5 7.9 11.9#

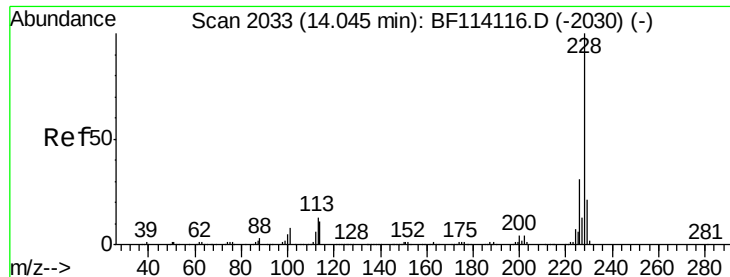


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.457 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

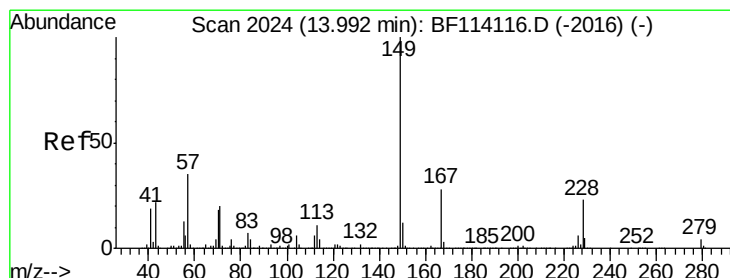
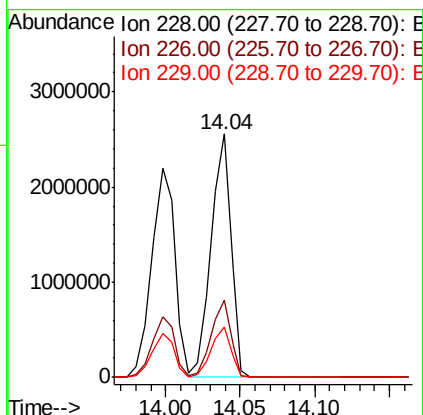
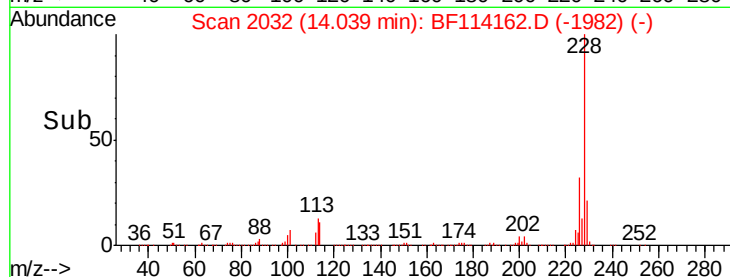
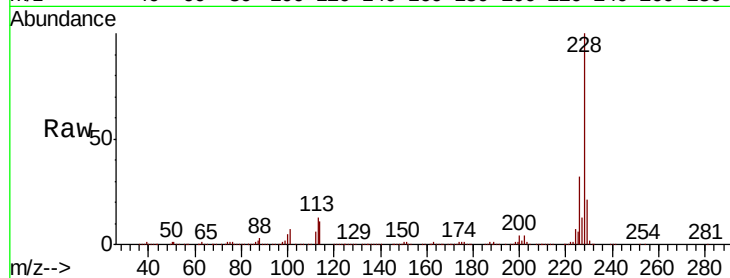
Tgt Ion:228 Resp: 2375294

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

229 20.7 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.132 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

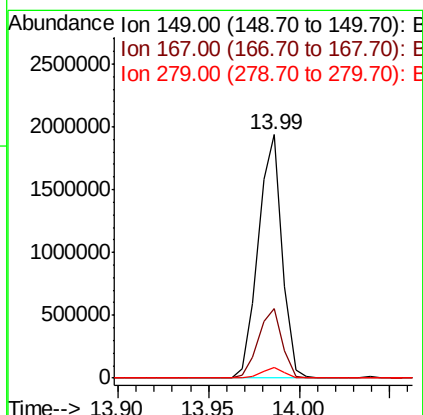
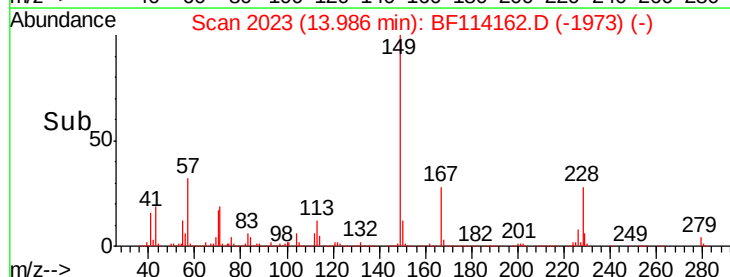
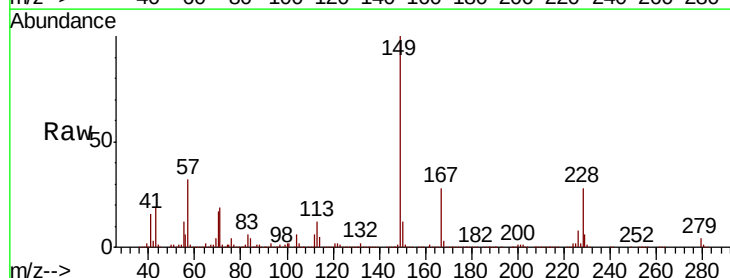
Tgt Ion:149 Resp: 1768699

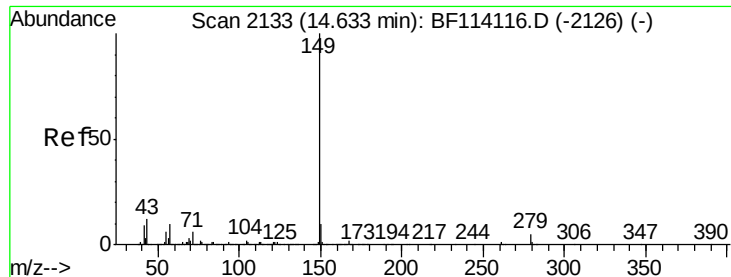
Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.839 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

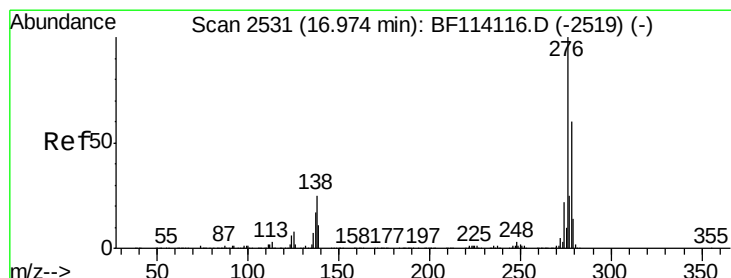
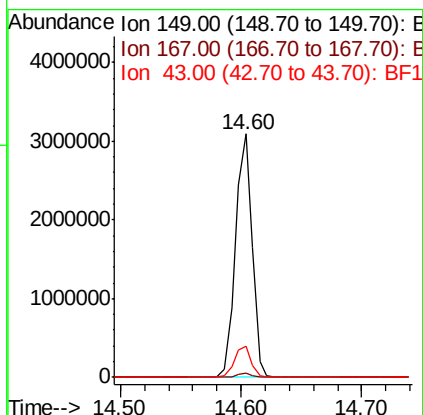
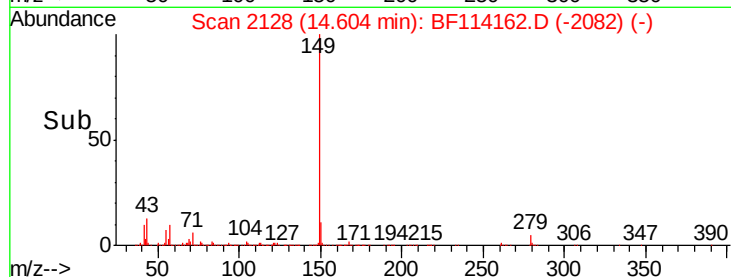
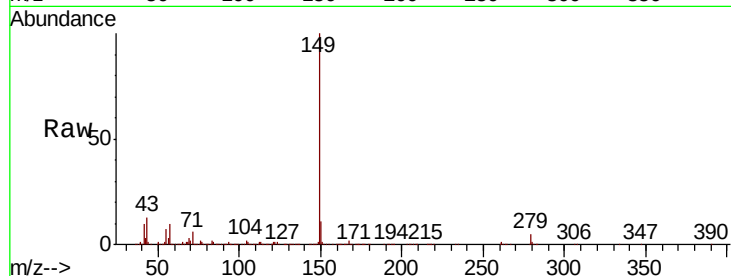
Tgt Ion:149 Resp: 2980697

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.6 10.1 15.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.032 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

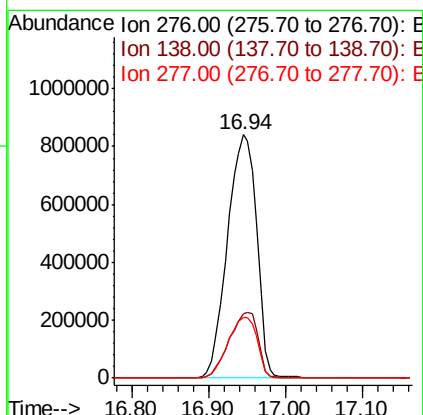
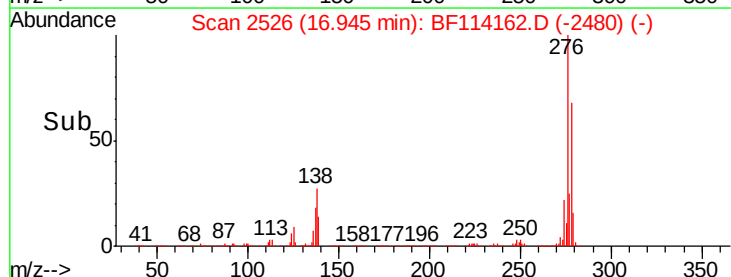
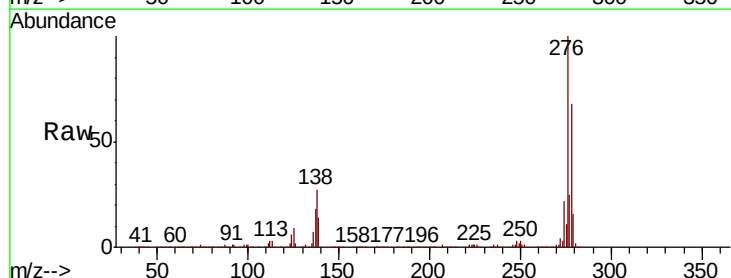
Tgt Ion:276 Resp: 2232846

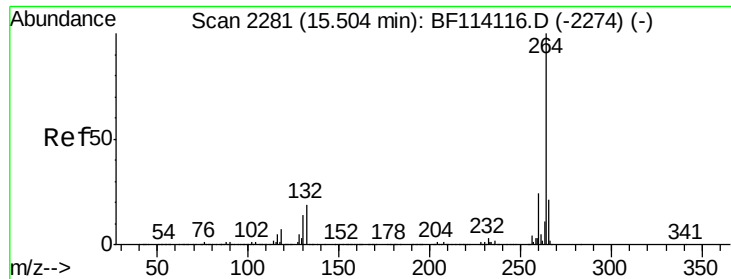
Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.2

277 25.1 20.0 30.0

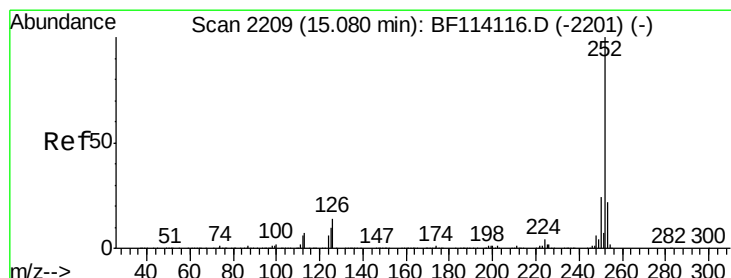
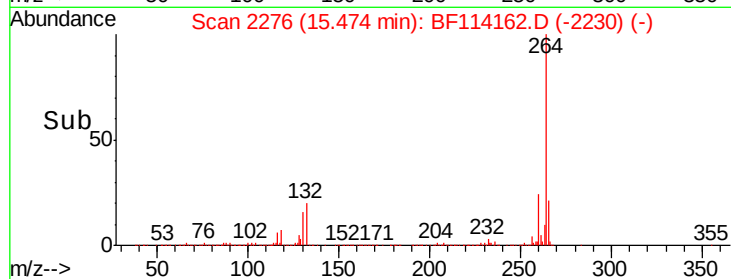
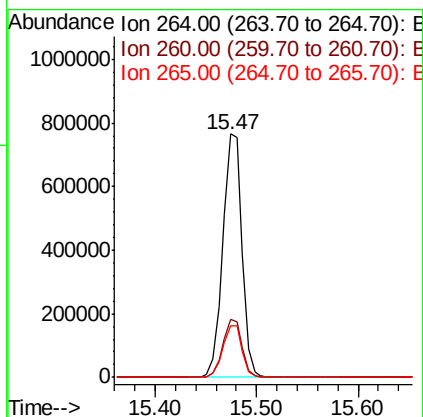
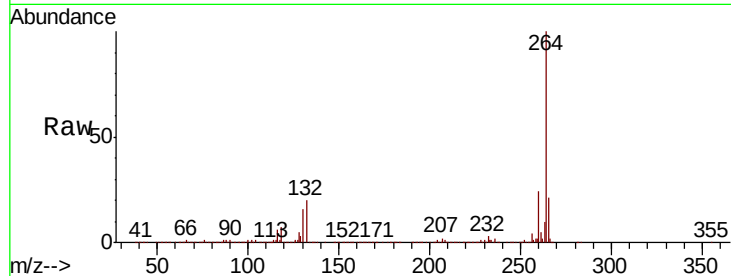




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

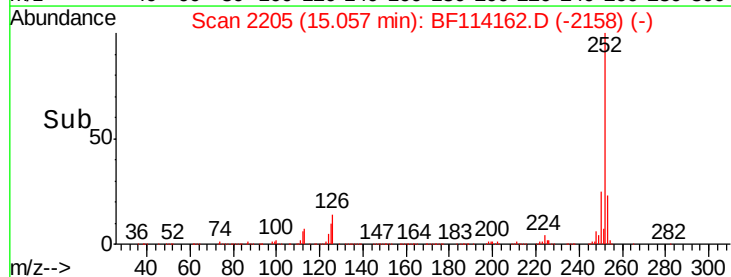
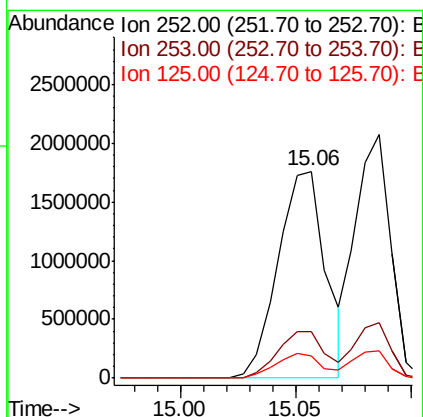
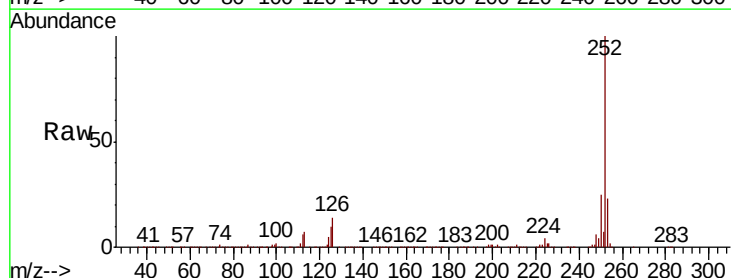
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

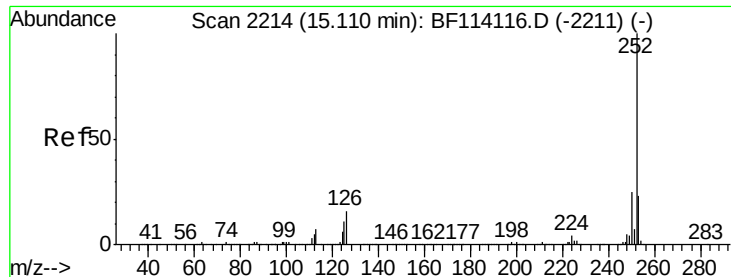
Tgt Ion:264 Resp: 1001121
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 21.1 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 39.242 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:252 Resp: 2516877
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.5 8.3 12.5

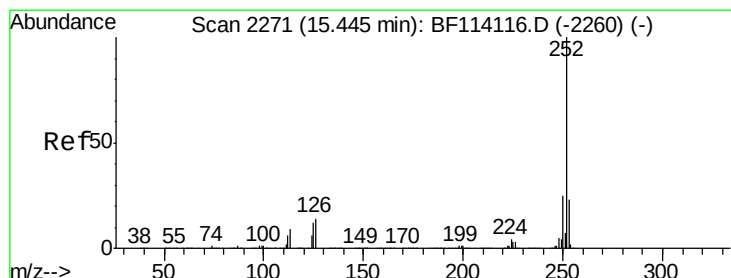
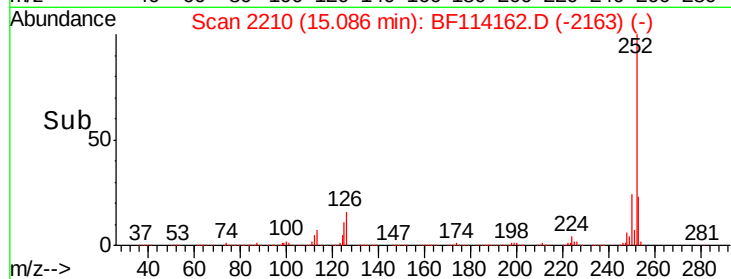
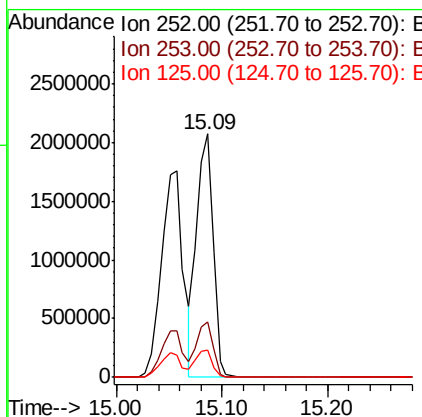
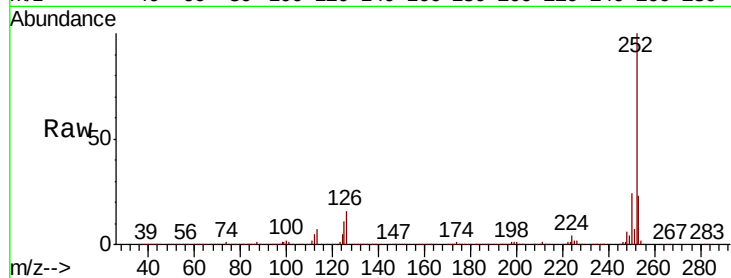




#89
Benzo(k)fluoranthene
Concen: 37.426 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

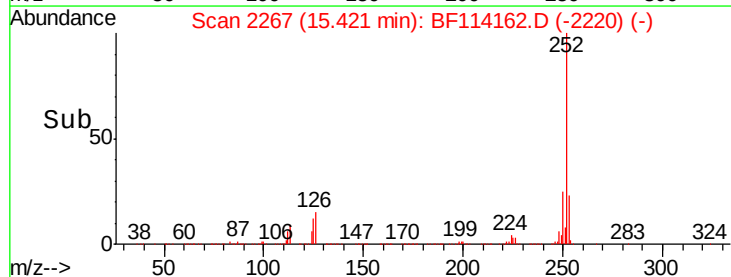
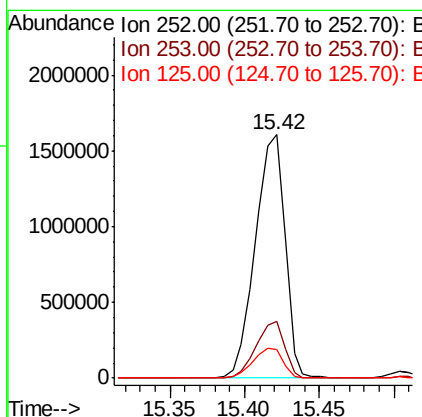
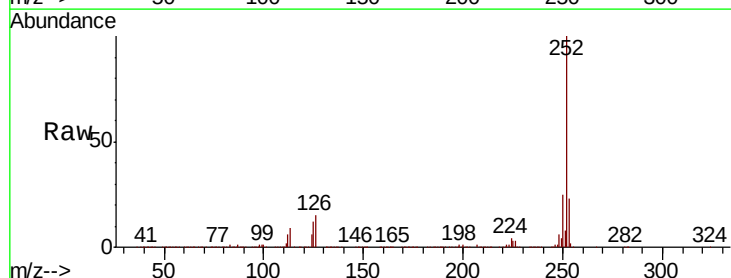
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

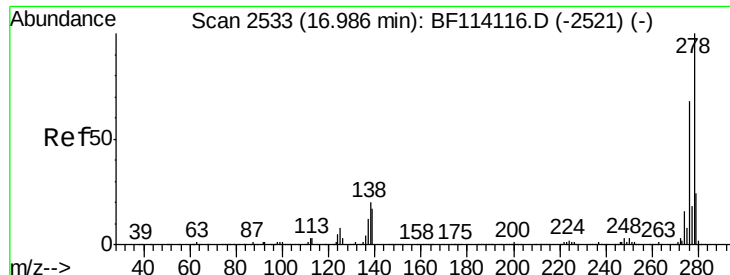
Tgt Ion:252 Resp: 2205045
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 11.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.986 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF114162.D
Acq: 11 May 2019 19:30

Tgt Ion:252 Resp: 2200600
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 38.691 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

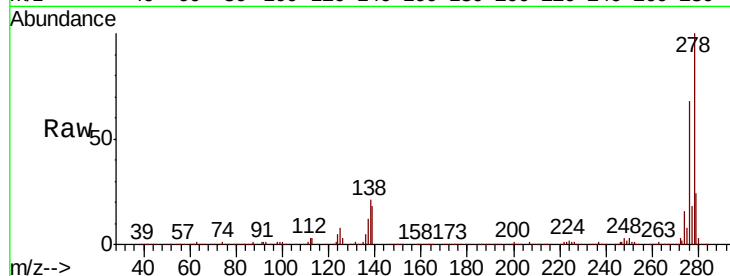
Tgt Ion:278 Resp: 1814762

Ion Ratio Lower Upper

278 100

139 18.4 13.5 20.3

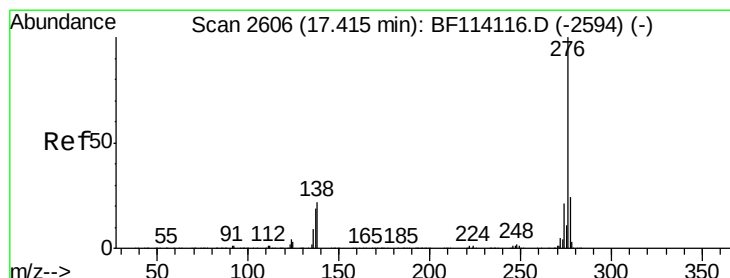
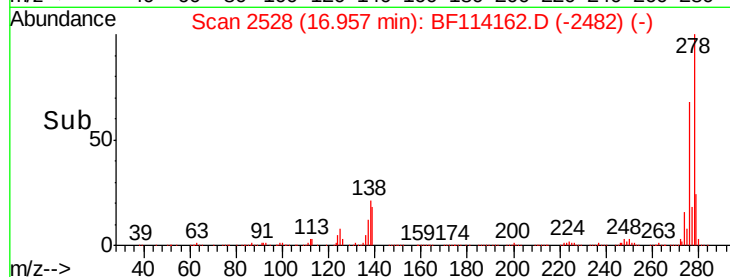
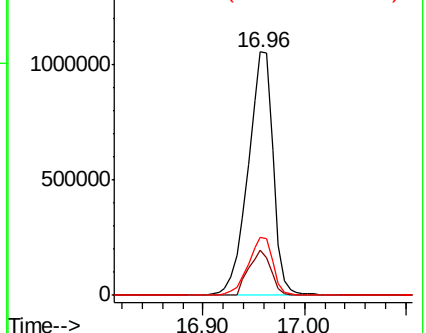
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.326 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.03 min

Lab File: BF114162.D

Acq: 11 May 2019 19:30

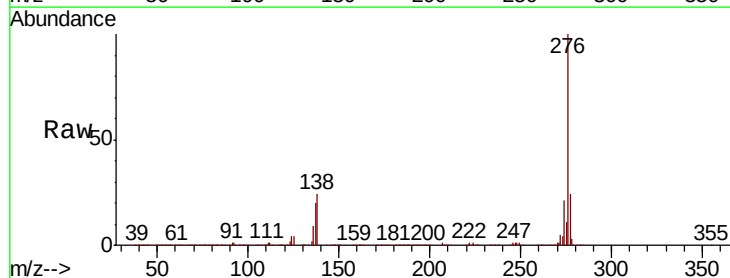
Tgt Ion:276 Resp: 1801538

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 23.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

