

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114531.D
 Acq On : 23 May 2019 18:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 24 07:43:35 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167120	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	692912	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	335092	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	672429	20.00	ng	0.00
76) Chrysene-d12	13.99	240	483444	20.00	ng	0.00
87) Perylene-d12	15.44	264	505477	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	822872	79.24	ng	0.00
7) Phenol-d6	6.46	99	1031389	83.97	ng	0.00
23) Nitrobenzene-d5	7.38	82	994473	80.54	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	264929	76.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1742048	78.64	ng	0.00
79) Terphenyl-d14	12.92	244	1814786	77.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	190714	33.411	ng	100
3) Pyridine	3.30	79	537604	34.183	ng	97
4) n-Nitrosodimethylamine	3.26	42	265532	35.012	ng	97
6) Aniline	6.48	93	722104	40.699	ng	# 79
8) 2-Chlorophenol	6.60	128	474434	42.794	ng	96
9) Benzaldehyde	6.37	77	305803	35.564	ng	99
10) Phenol	6.47	94	597487	41.352	ng	82
11) bis(2-Chloroethyl)ether	6.55	93	467303	42.601	ng	96
12) 1,3-Dichlorobenzene	6.76	146	521251	41.886	ng	98
13) 1,4-Dichlorobenzene	6.83	146	533033	42.506	ng	97
14) 1,2-Dichlorobenzene	6.99	146	495126	43.217	ng	99
15) Benzyl Alcohol	6.96	79	390730	40.788	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	854460	40.174	ng	86
17) 2-Methylphenol	7.08	107	372562	40.909	ng	# 93
18) Hexachloroethane	7.32	117	194872	41.400	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	323287	41.526	ng	99
20) 3+4-Methylphenols	7.23	107	468169	44.494	ng	# 79
22) Acetophenone	7.23	105	631977	41.170	ng	# 93
24) Nitrobenzene	7.40	77	505879	40.228	ng	98
25) Isophorone	7.64	82	909455	39.716	ng	99
26) 2-Nitrophenol	7.72	139	255837	41.933	ng	99
27) 2,4-Dimethylphenol	7.76	122	376971	39.340	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	602935	40.581	ng	99
29) 2,4-Dichlorophenol	7.96	162	389741	40.846	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	433834	39.984	ng	99
31) Naphthalene	8.12	128	1349706	41.700	ng	98
32) Benzoic acid	7.90	122	278260	41.790	ng	99
33) 4-Chloroaniline	8.17	127	620769	42.088	ng	99
34) Hexachlorobutadiene	8.23	225	249502	40.414	ng	99
35) Caprolactam	8.55	113	139359	44.791	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	414698	43.177	ng	99
37) 2-Methylnaphthalene	8.81	142	893513	42.787	ng	97
38) 1-Methylnaphthalene	8.91	142	839217	42.674	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	415535	40.937	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114531.D
 Acq On : 23 May 2019 18:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 24 07:43:35 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	104358	25.199	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	275346	39.437	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	280377	39.157	nq	98
46) 1,1'-Biphenyl	9.27	154	1092796	40.368	nq	98
47) 2-Chloronaphthalene	9.30	162	880860	40.432	nq	99
48) 2-Nitroaniline	9.40	65	311827	40.358	nq	91
49) Acenaphthylene	9.72	152	1341357	40.481	nq	99
50) Dimethylphthalate	9.57	163	1001036	40.694	nq	99
51) 2,6-Dinitrotoluene	9.64	165	220924	40.492	nq	97
52) Acenaphthene	9.89	154	805398	39.609	nq	99
53) 3-Nitroaniline	9.82	138	278692	41.149	nq	98
54) 2,4-Dinitrophenol	9.93	184	87974	36.108	nq	97
55) Dibenzofuran	10.06	168	1149047	38.538	nq	98
56) 4-Nitrophenol	9.99	139	137992	28.810	nq	94
57) 2,4-Dinitrotoluene	10.05	165	275119	37.151	nq	# 77
58) Fluorene	10.40	166	944816	41.025	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	227240	36.781	nq	99
60) Diethylphthalate	10.27	149	1002021	40.090	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	458960	40.575	nq	95
62) 4-Nitroaniline	10.43	138	290073	40.758	nq	98
63) Azobenzene	10.55	77	945565	39.084	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	138553	42.881	nq	92
66) n-Nitrosodiphenylamine	10.51	169	836156	40.971	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	293592	39.655	nq	94
68) Hexachlorobenzene	10.96	284	324607	39.632	nq	96
69) Atrazine	11.04	200	256794	40.434	nq	98
70) Pentachlorophenol	11.16	266	106053	27.315	nq	99
71) Phenanthrene	11.36	178	1362743	41.656	nq	98
72) Anthracene	11.42	178	1379299	41.976	nq	99
73) Carbazole	11.57	167	1312296	41.881	nq	99
74) Di-n-butylphthalate	11.89	149	1570079	43.493	nq	100
75) Fluoranthene	12.55	202	1486059	42.182	nq	99
77) Benzidine	12.67	184	985542	45.415	nq	97
78) Pyrene	12.79	202	1493946	38.414	nq	99
80) Butylbenzylphthalate	13.39	149	686292	41.925	nq	96
81) Benzo(a)anthracene	13.97	228	1316057	42.088	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	516232	42.558	nq	# 99
83) Chrysene	14.01	228	1271351	41.476	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	927348	43.316	nq	99
85) Di-n-octyl phthalate	14.56	149	1544994	44.517	nq	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1115003	41.159	nq	100
88) Benzo(b)fluoranthene	15.02	252	1277398	39.446	nq	99
89) Benzo(k)fluoranthene	15.05	252	1204080	40.476	nq	99
90) Benzo(a)pyrene	15.39	252	1164812	40.870	nq	100
91) Dibenzo(a,h)anthracene	16.92	278	922960	38.972	nq	99
92) Benzo(g,h,i)perylene	17.36	276	896129	37.758	nq	99

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

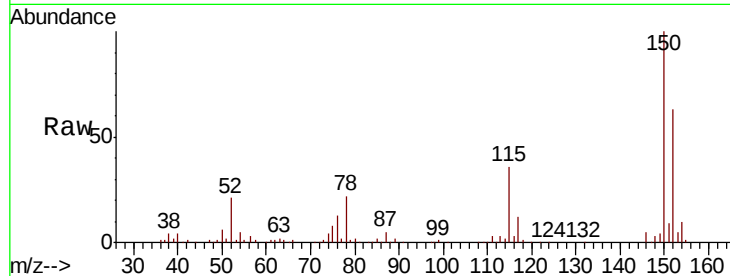


#1

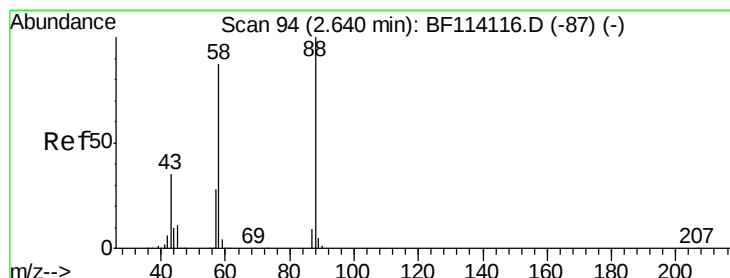
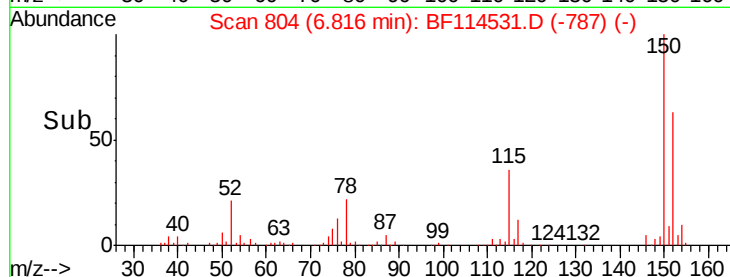
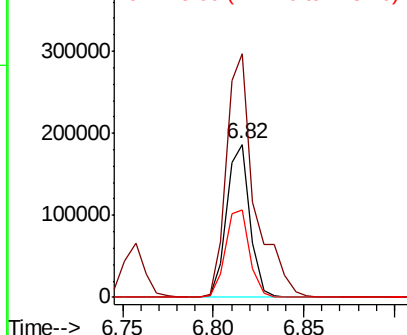
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 167120
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 57.2 49.1 73.7



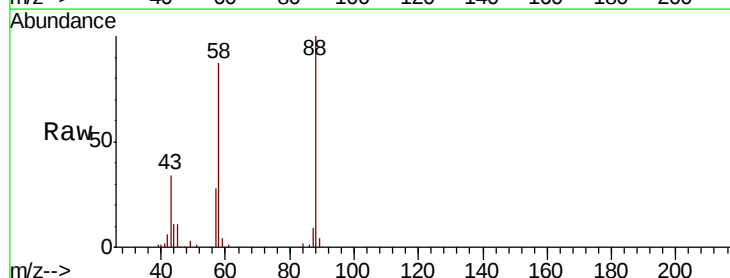
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



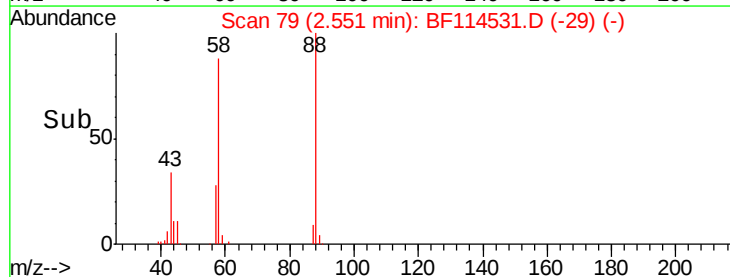
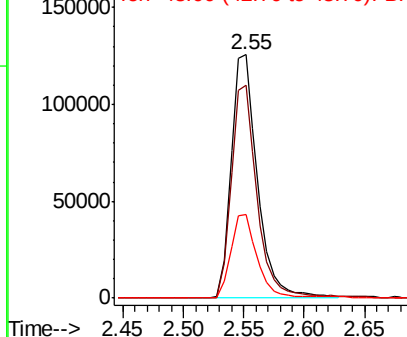
#2

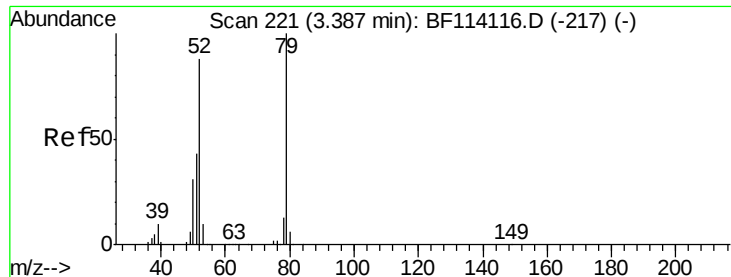
1,4-Dioxane
Concen: 33.411 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion: 88 Resp: 190714
Ion Ratio Lower Upper
88 100
58 85.8 68.7 103.1
43 35.4 28.2 42.2



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





#3

Pvridine

Concen: 34.183 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

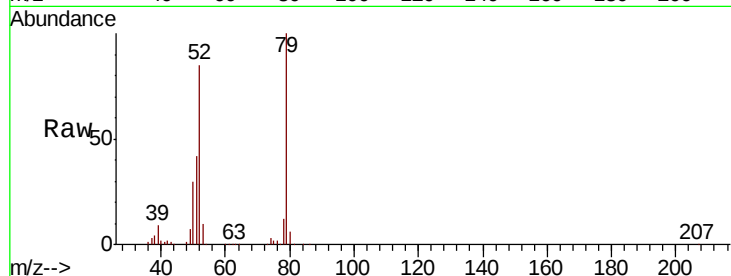
Tot Ion: 79 Resp: 537604

Ion Ratio Lower Upper

79 100

52 85.5 70.6 105.8

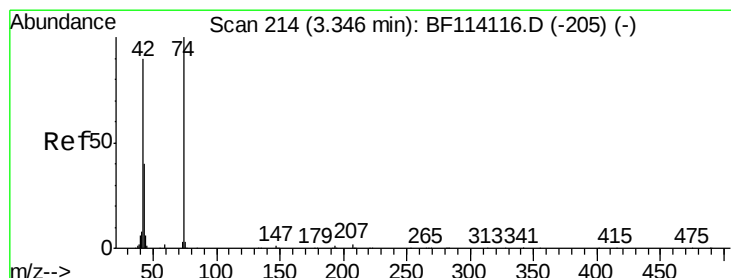
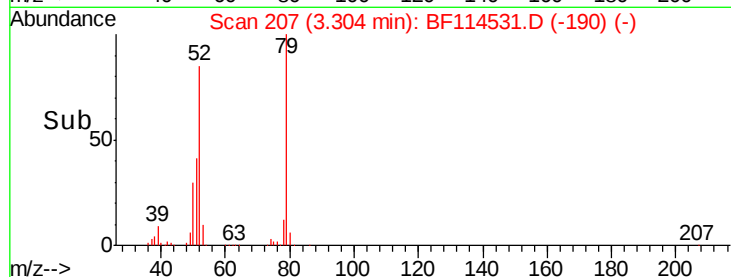
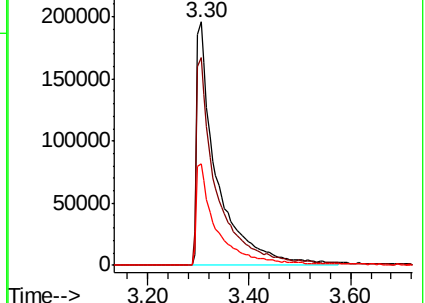
51 41.5 34.2 51.2



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: 35.012 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

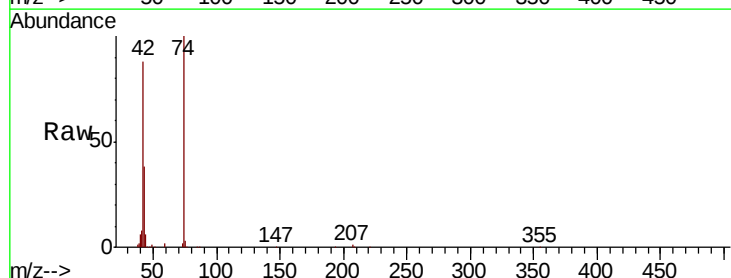
Tgt Ion: 42 Resp: 265532

Ion Ratio Lower Upper

42 100

74 114.0 88.6 132.8

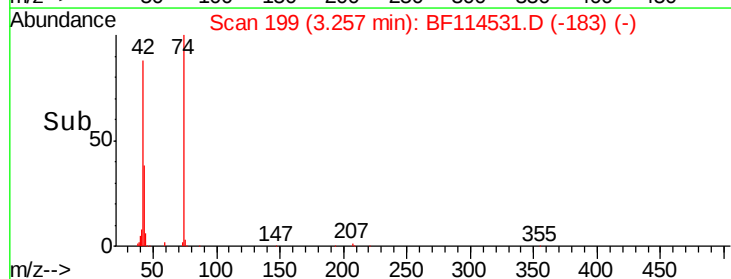
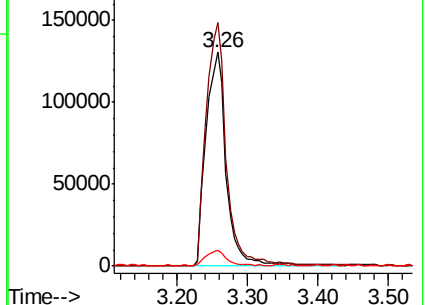
44 7.2 5.5 8.3



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: 79.237 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

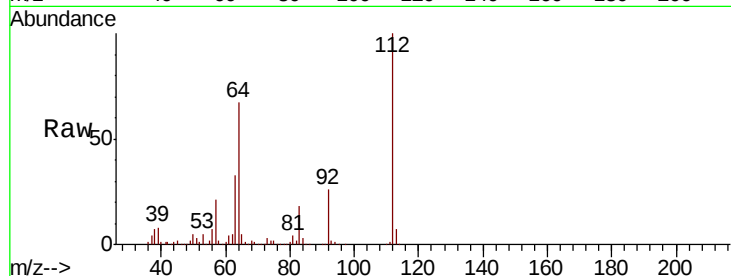
Tot Ion:112 Resp: 822872

Ion Ratio Lower Upper

112 100

64 67.0 49.0 73.6

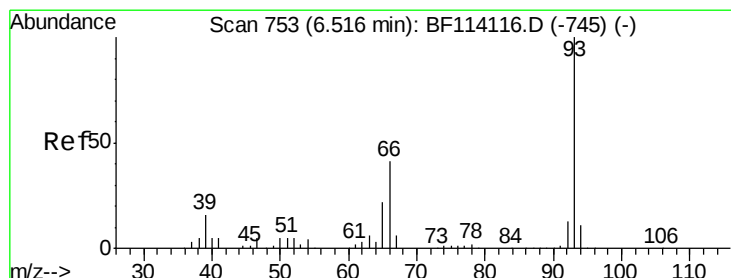
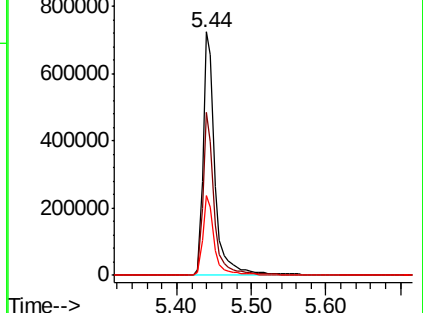
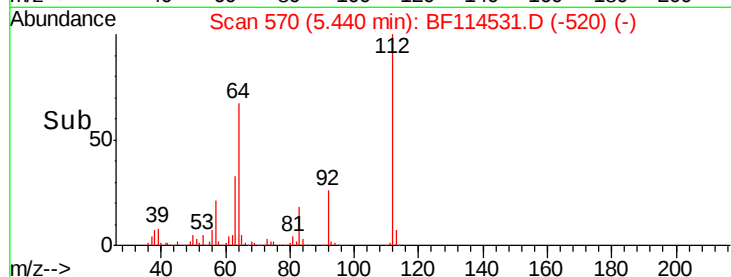
63 32.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.699 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

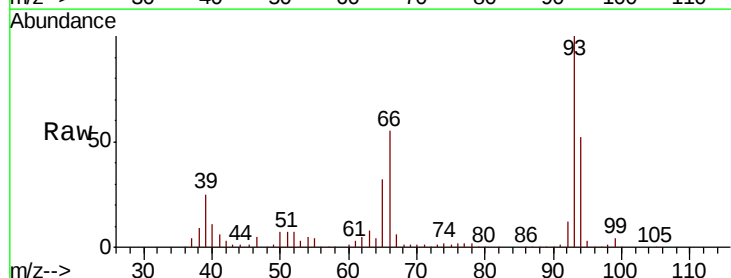
Tgt Ion: 93 Resp: 722104

Ion Ratio Lower Upper

93 100

66 54.6 33.2 49.8#

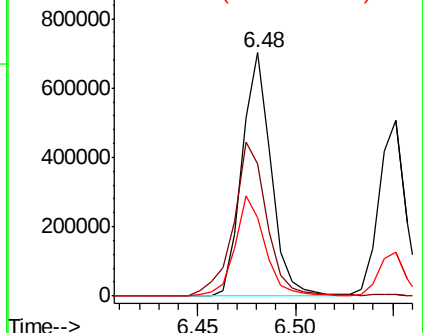
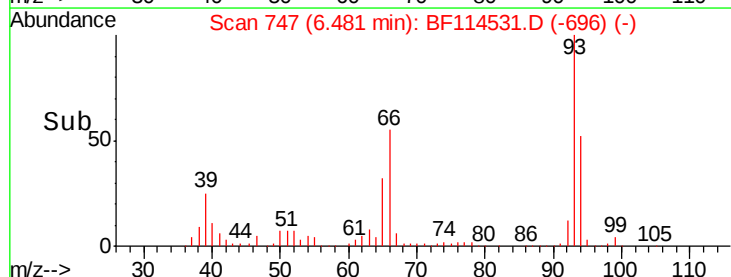
65 32.4 17.6 26.4#



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: 83.972 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

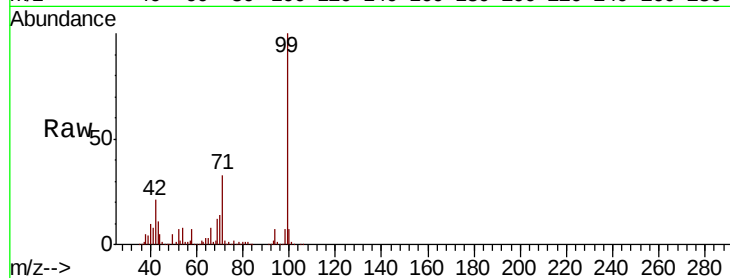
Tot Ion: 99 Resp: 1031389

Ion Ratio Lower Upper

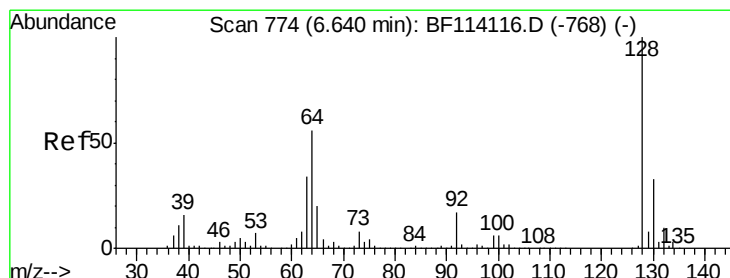
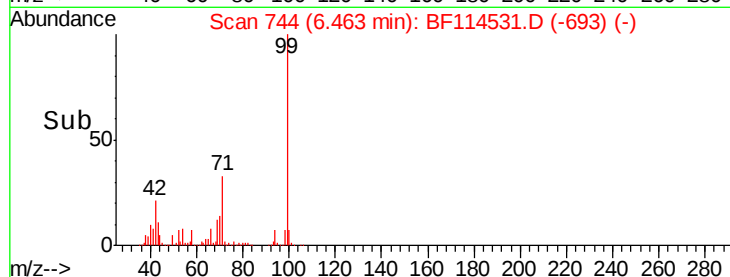
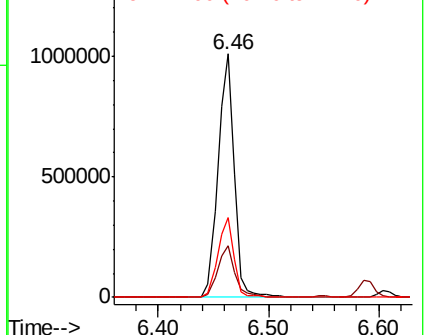
99 100

42 21.3 17.9 26.9

71 32.6 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: 42.794 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

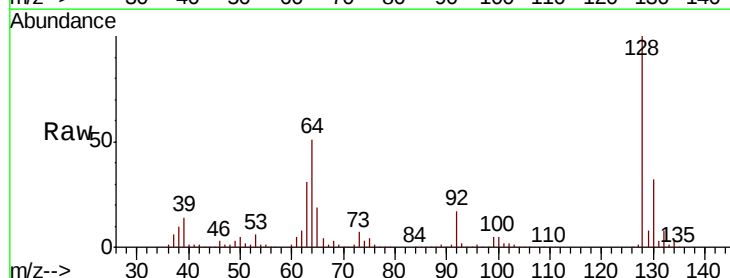
Tgt Ion: 128 Resp: 474434

Ion Ratio Lower Upper

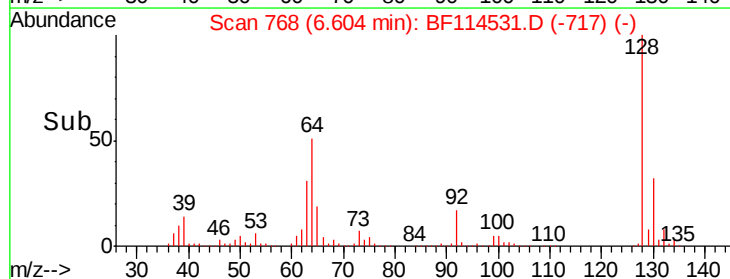
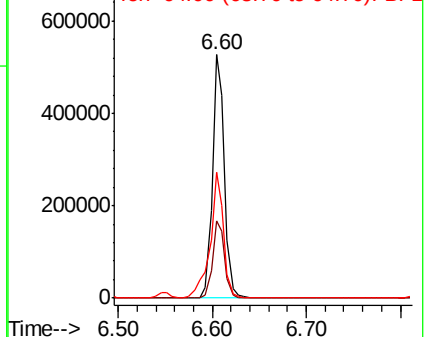
128 100

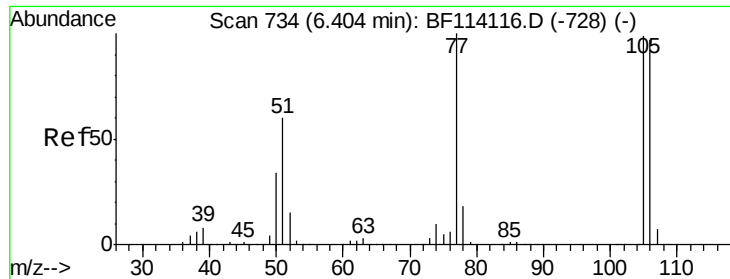
130 31.9 12.6 52.6

64 51.5 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: 35.564 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

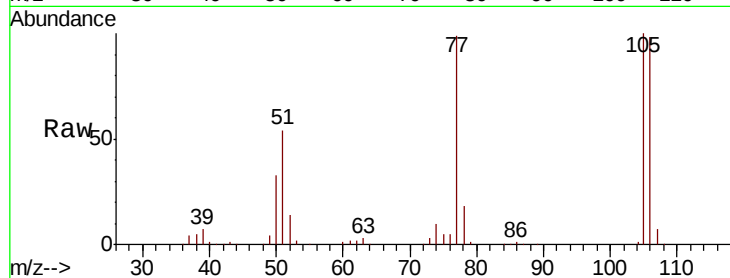
Tot Ion: 77 Resp: 305803

Ion Ratio Lower Upper

77 100

105 100.7 79.3 119.3

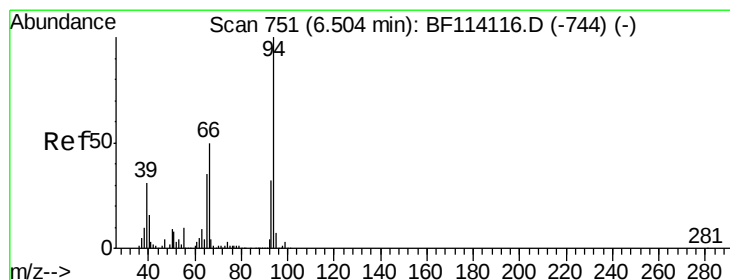
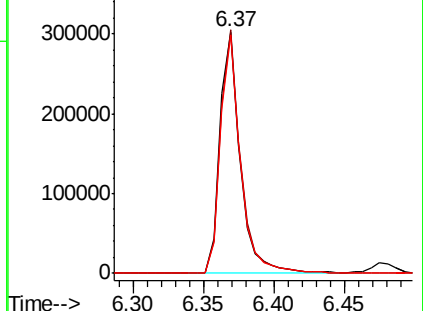
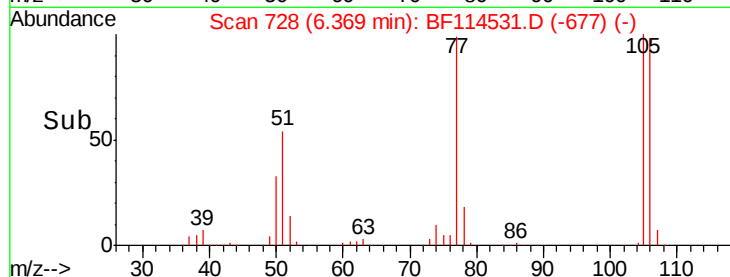
106 98.5 77.0 117.0



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: 41.352 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

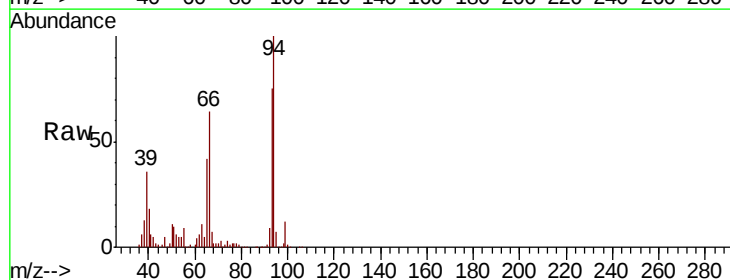
Tgt Ion: 94 Resp: 597487

Ion Ratio Lower Upper

94 100

65 42.0 14.7 54.7

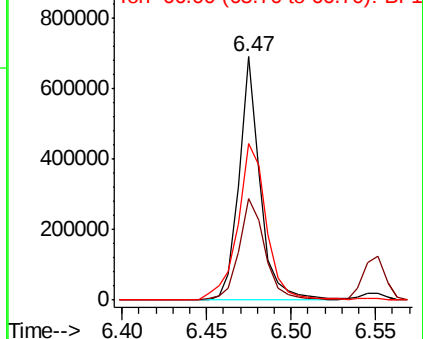
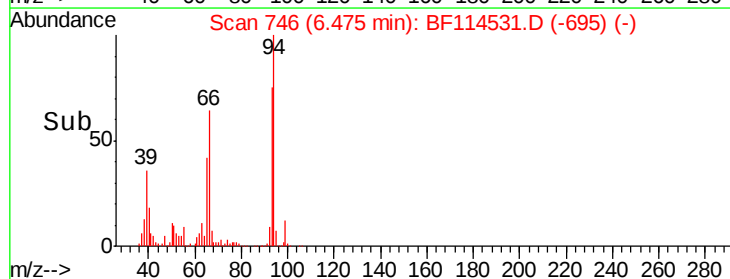
66 64.2 29.6 69.6



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

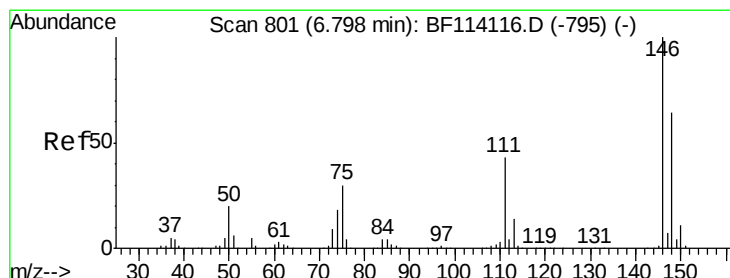
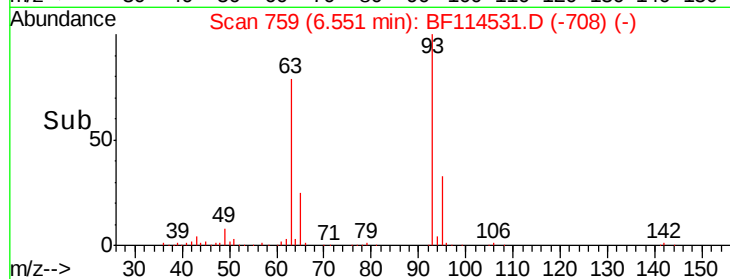
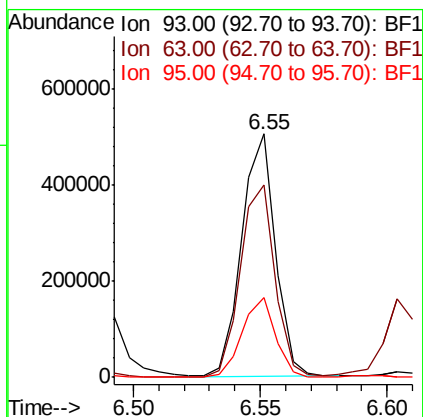
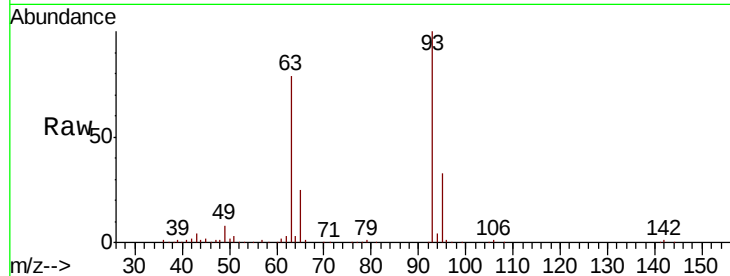




#11
 bis(2-Chloroethyl)ether
 Concen: 42.601 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

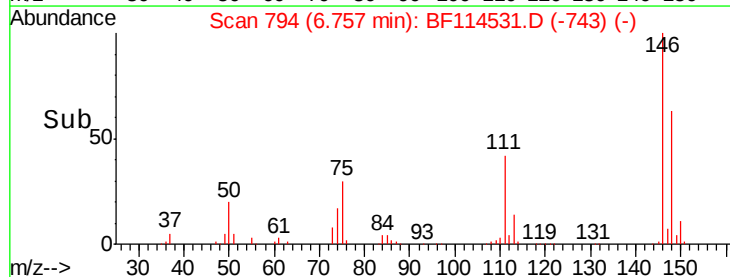
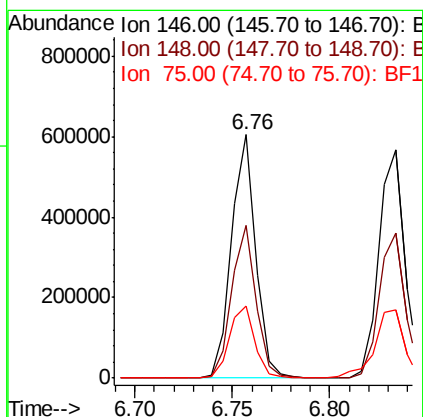
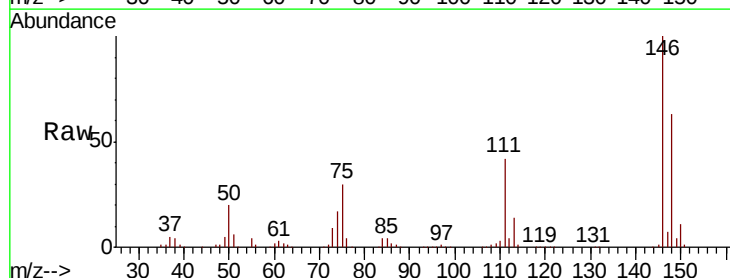
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

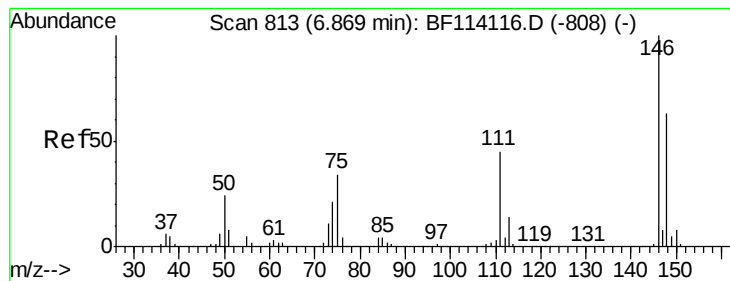
Tot Ion: 93 Resp: 467303
 Ion Ratio Lower Upper
 93 100
 63 79.0 63.6 103.6
 95 32.9 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.886 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion: 146 Resp: 521251
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.6 77.4
 75 29.8 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 42.506 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

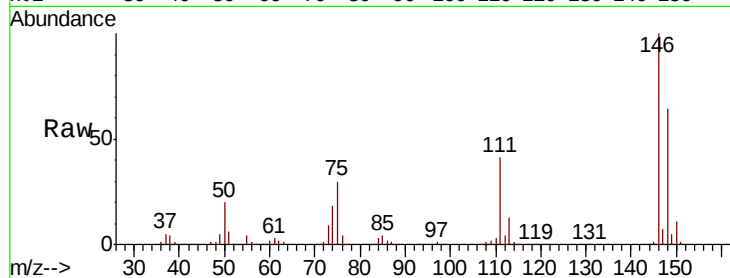
Tot Ion:146 Resp: 533033

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

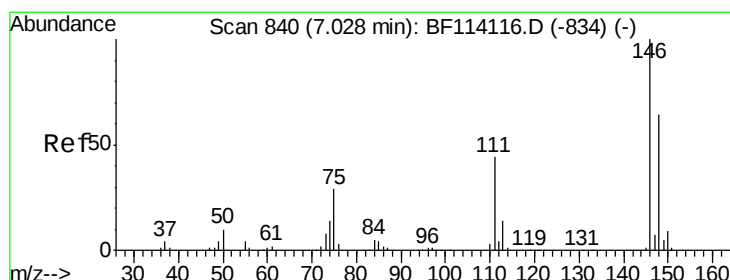
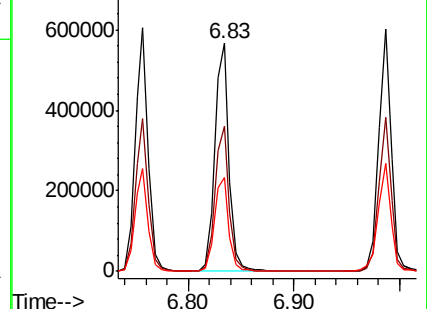
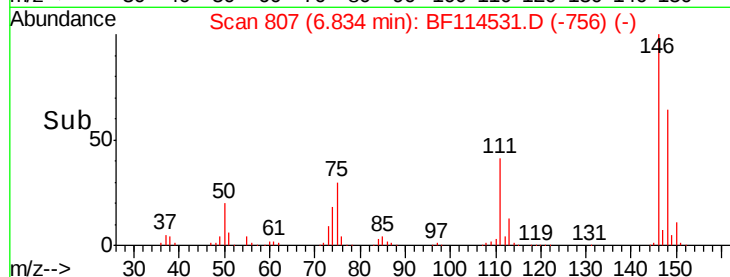
111 40.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.217 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

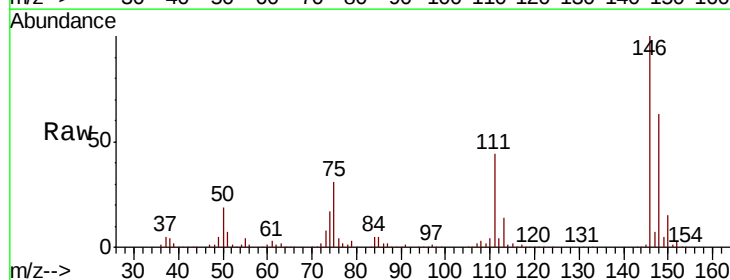
Tgt Ion:146 Resp: 495126

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

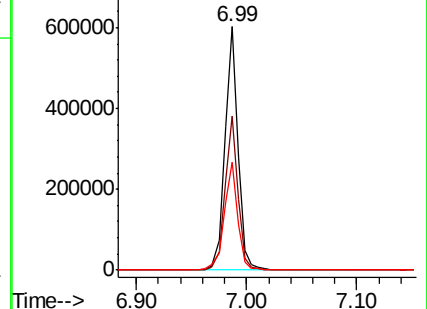
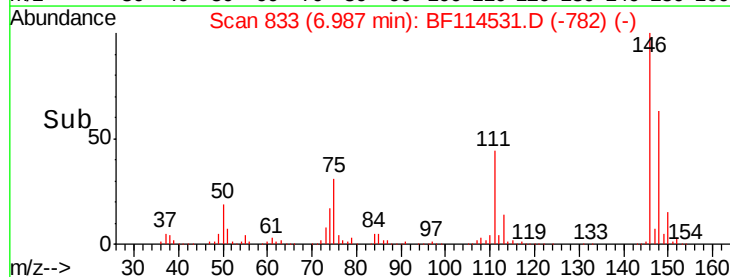
111 44.3 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.788 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

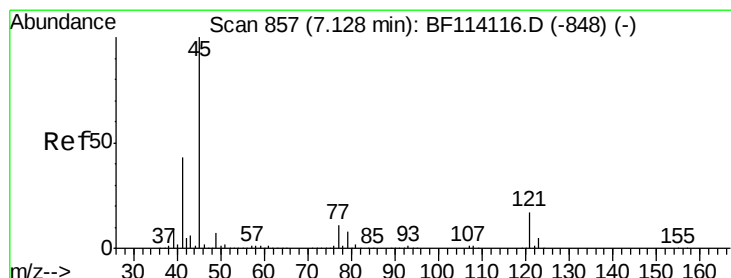
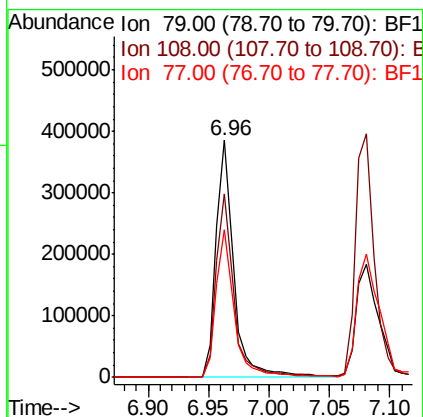
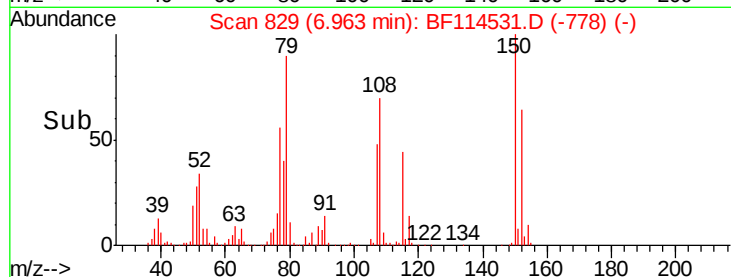
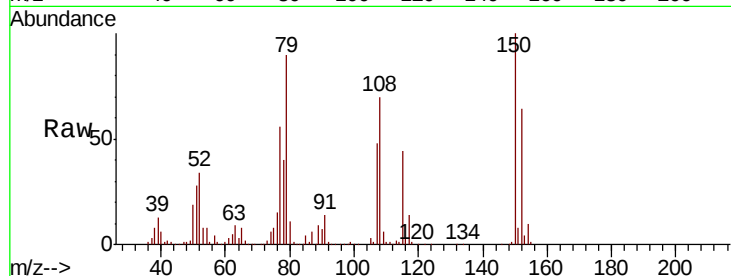
Tot Ion: 79 Resp: 390730

Ion Ratio Lower Upper

79 100

108 77.5 62.1 93.1

77 62.1 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.174 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

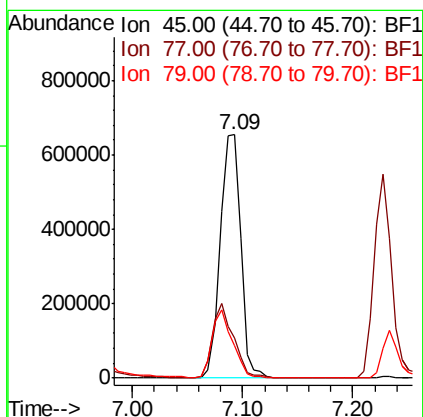
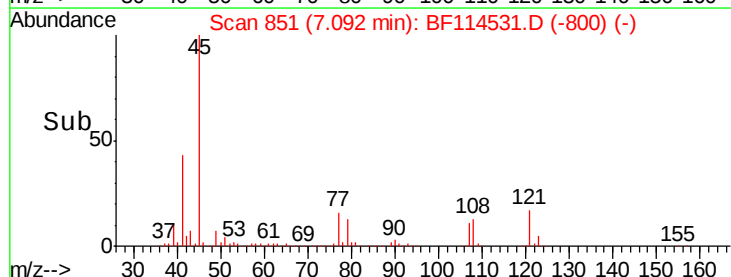
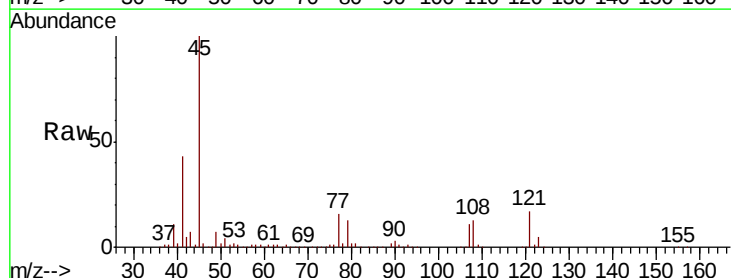
Tgt Ion: 45 Resp: 854460

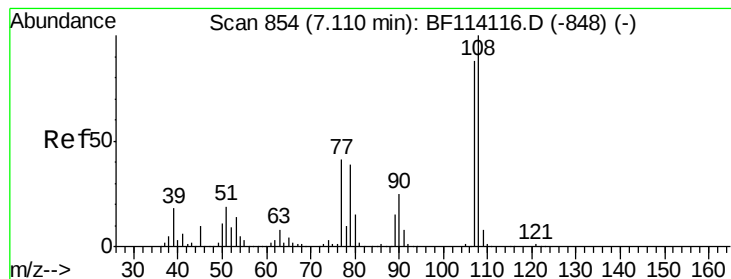
Ion Ratio Lower Upper

45 100

77 16.4 0.0 31.1

79 13.3 0.0 28.4

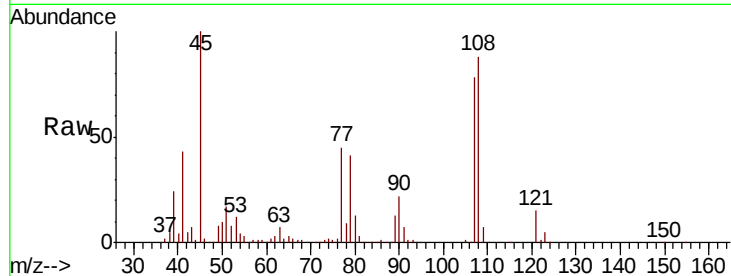




#17
2-Methylphenol
Concen: 40.909 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.5	135.7
77	57.9	37.0	55.4
79	53.0	35.8	53.8



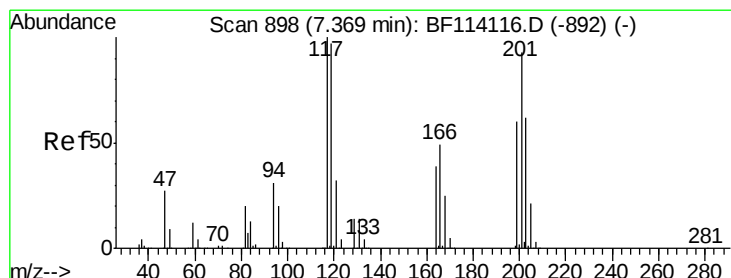
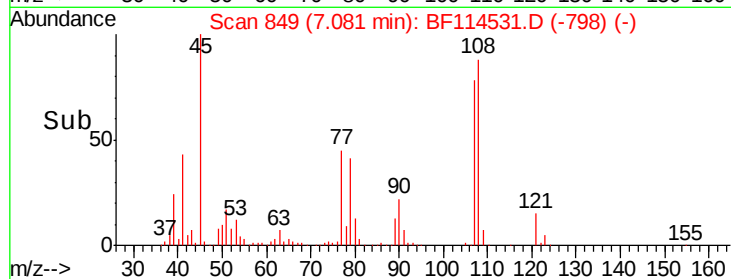
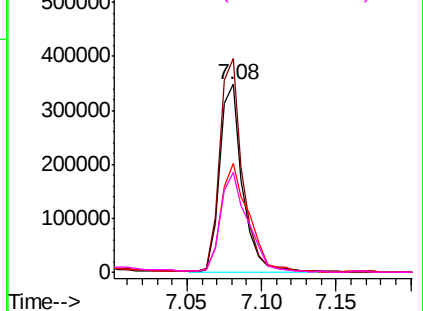
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

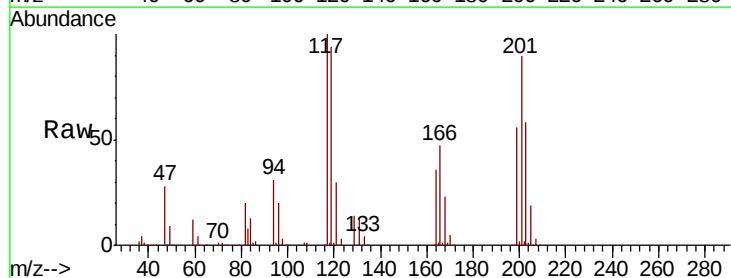
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.400 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.2
201	90.4	74.5	111.7

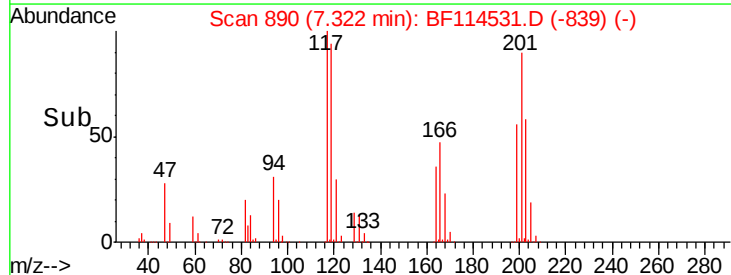
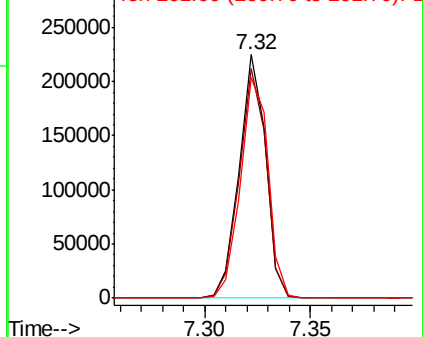


Abundance

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

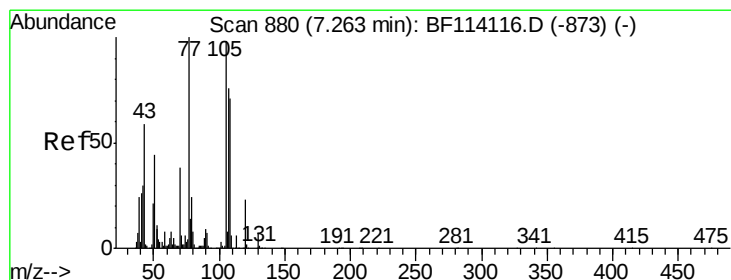
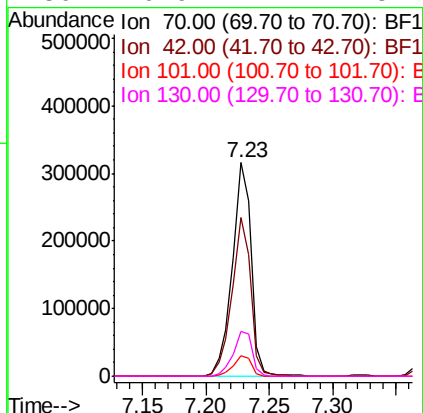
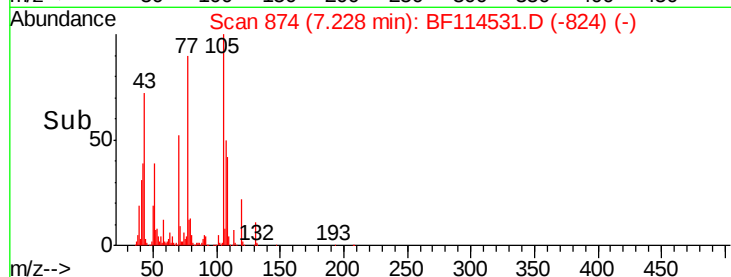
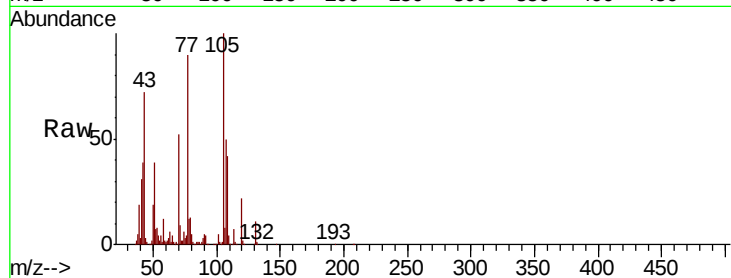




#19
n-Nitroso-di-n-propylamine
Concen: 41.526 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

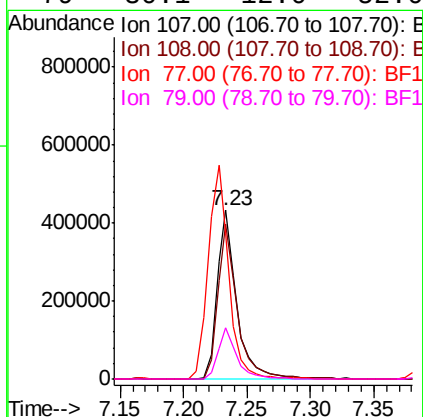
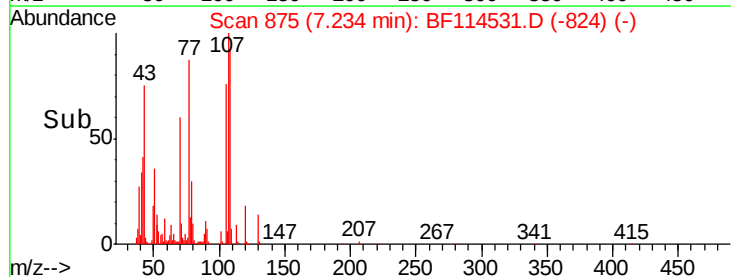
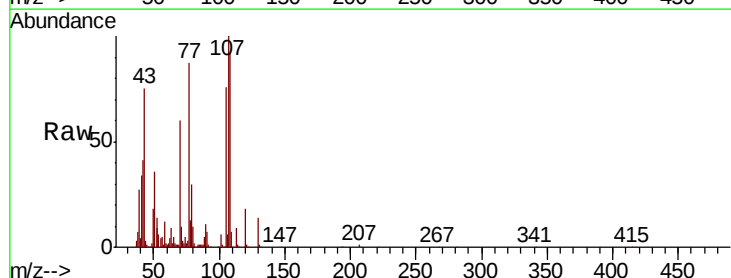
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

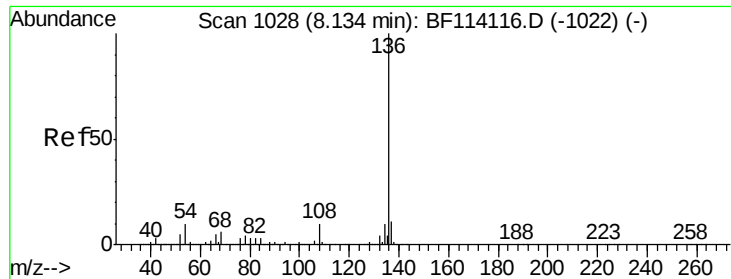
Tot Ion:	70	Resp:	323287
Ion	Ratio	Lower	Upper
70	100		
42	74.6	58.6	87.8
101	9.5	7.8	11.8
130	20.9	17.1	25.7



#20
3+4-Methylphenols
Concen: 44.494 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:	107	Resp:	468169
Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.8	113.8
77	86.7	111.5	151.5#
79	30.1	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 692912

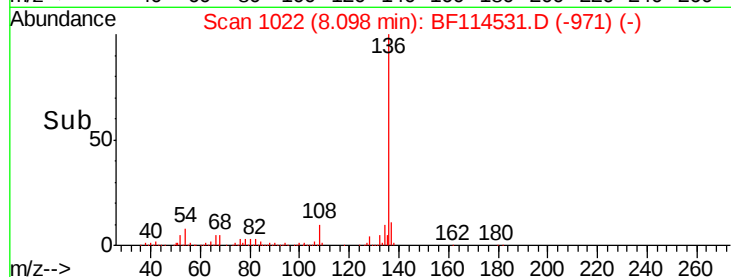
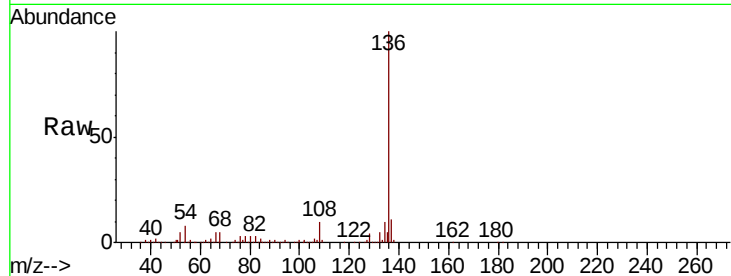
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.3 7.8 11.8

68 5.3 5.1 7.7

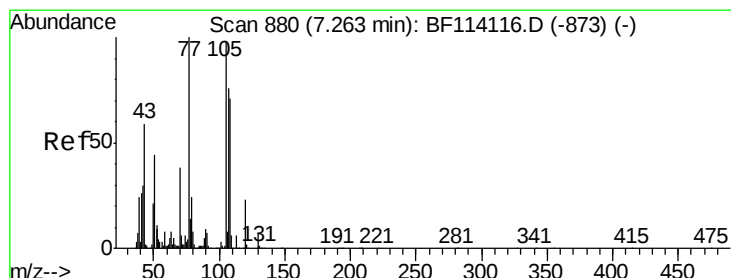
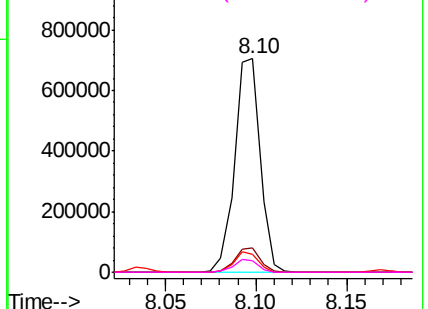


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.170 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Tgt Ion:105 Resp: 631977

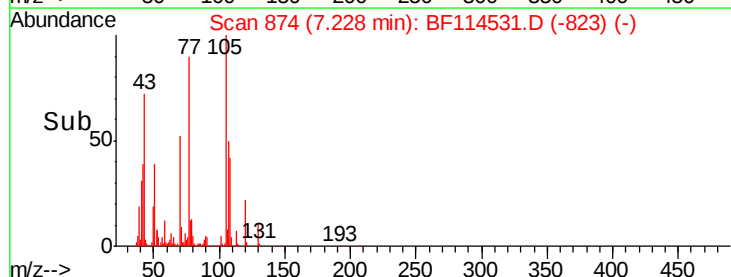
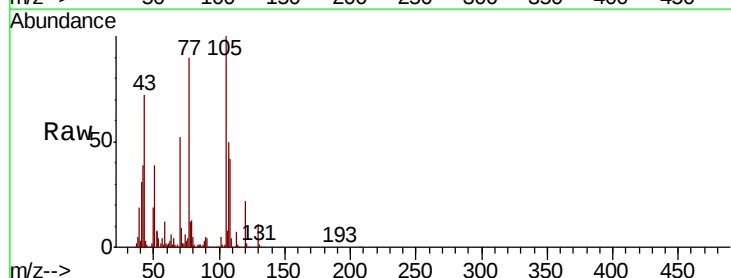
Ion Ratio Lower Upper

105 100

71 9.1 5.3 7.9#

51 38.6 36.2 54.4

120 22.5 18.6 28.0

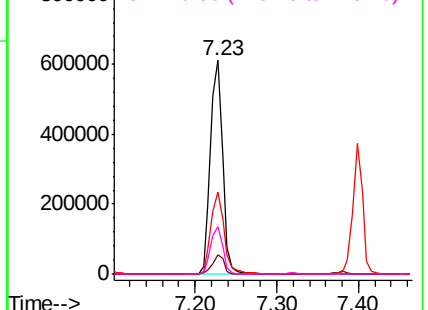


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

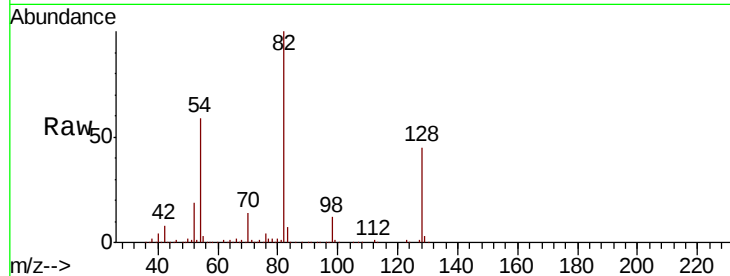




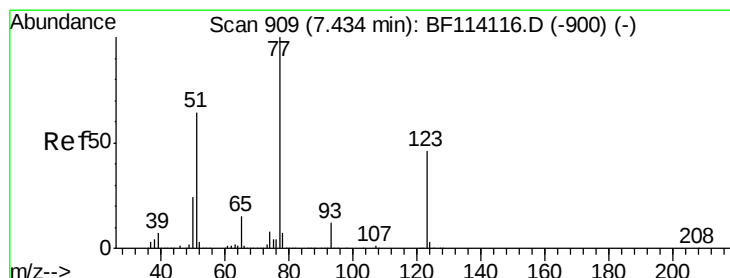
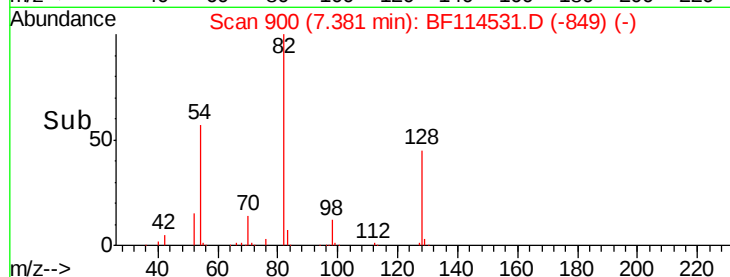
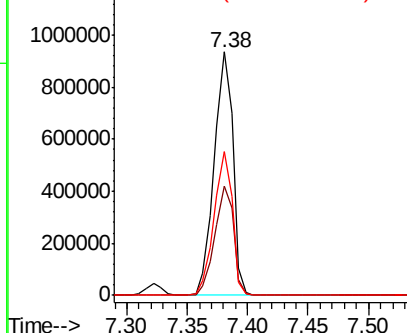
#23
 Nitrobenzene-d5
 Concen: 80.544 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	994473
Ion Ratio	100	Lower	Upper
128	44.8	35.5	53.3
54	59.2	48.5	72.7

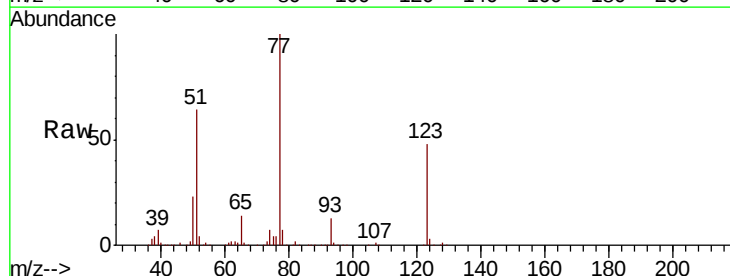


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

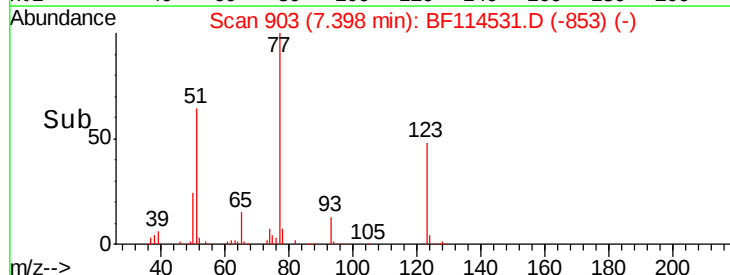
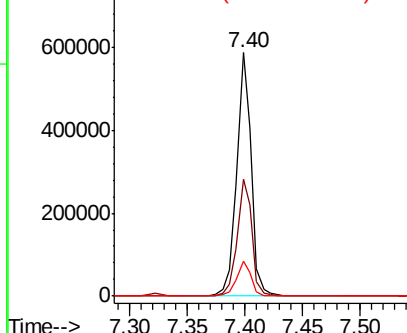


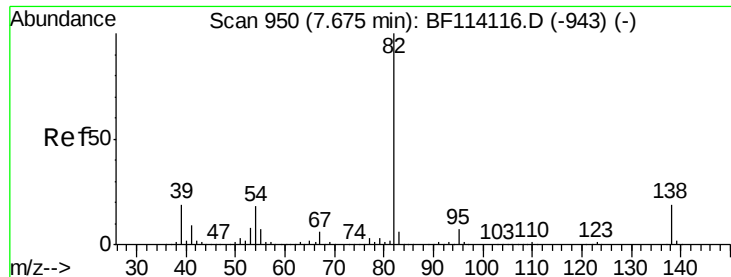
#24
 Nitrobenzene
 Concen: 40.228 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion	77	Resp	505879
Ion Ratio	100	Lower	Upper
123	47.8	36.9	55.3
65	14.5	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: 39.716 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

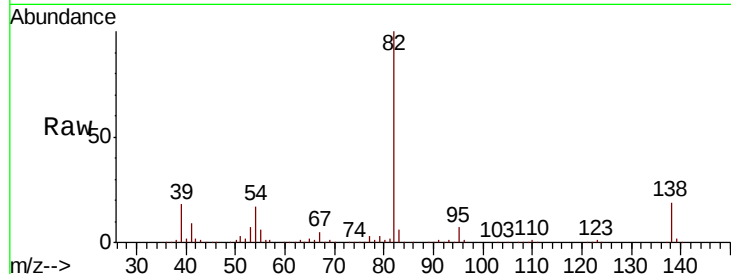
Tot Ion: 82 Resp: 909455

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

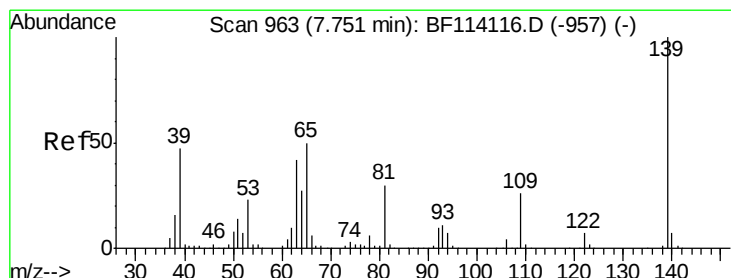
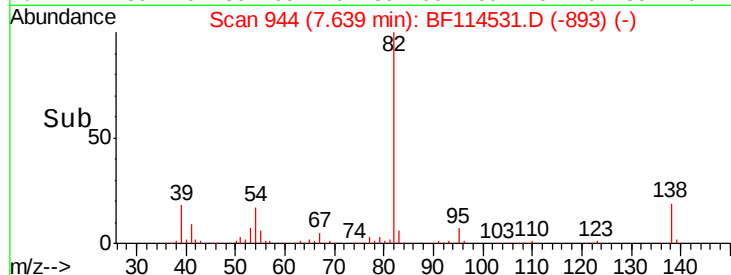
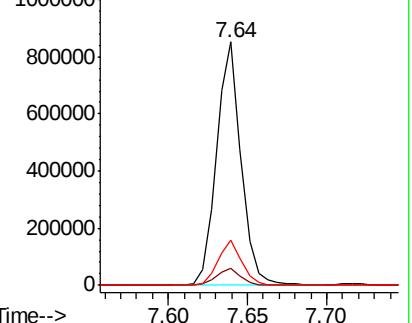
138 18.8 14.8 22.2



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: 41.933 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

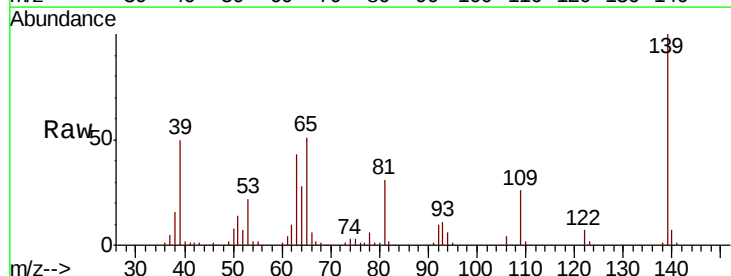
Tgt Ion: 139 Resp: 255837

Ion Ratio Lower Upper

139 100

109 25.6 20.7 31.1

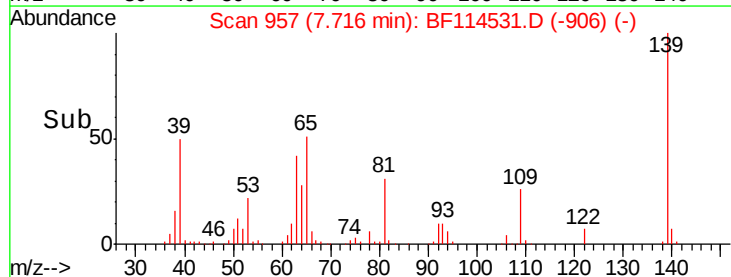
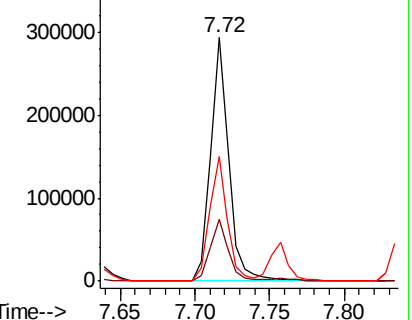
65 51.4 40.2 60.2

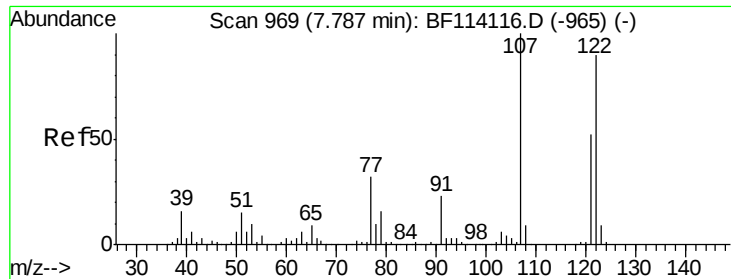


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.340 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

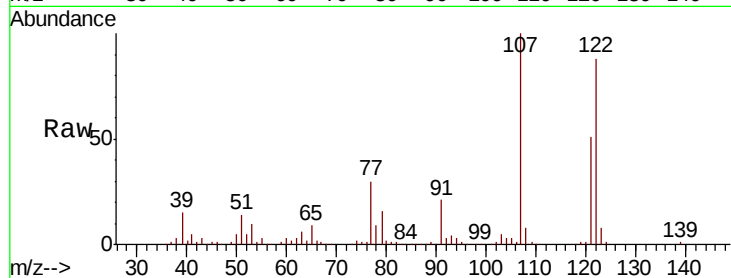
Tot Ion:122 Resp: 376971

Ion Ratio Lower Upper

122 100

107 113.1 88.4 132.6

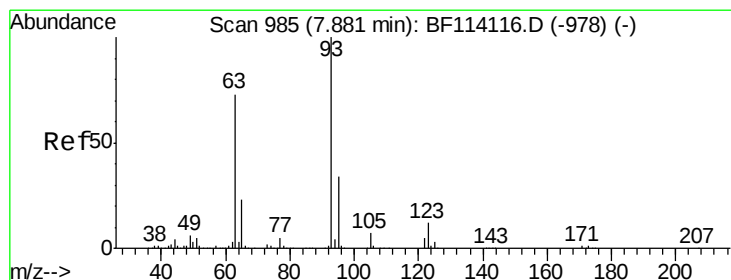
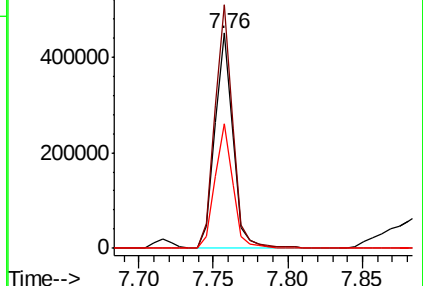
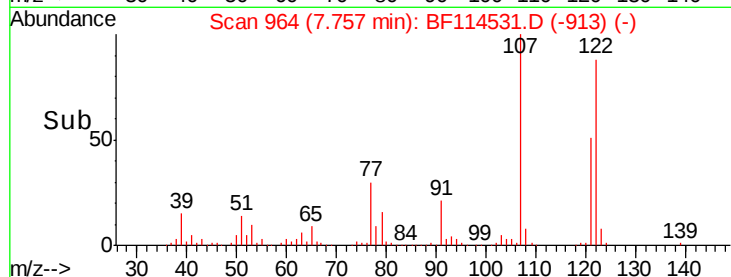
121 58.1 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.581 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

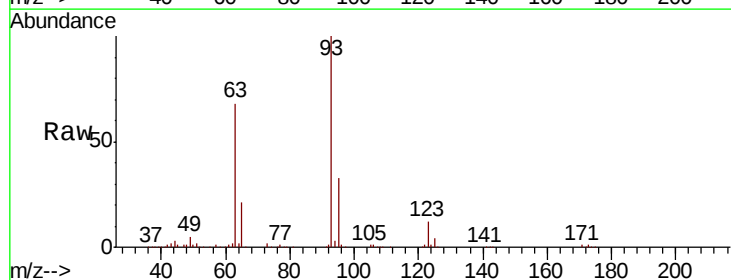
Tgt Ion: 93 Resp: 602935

Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

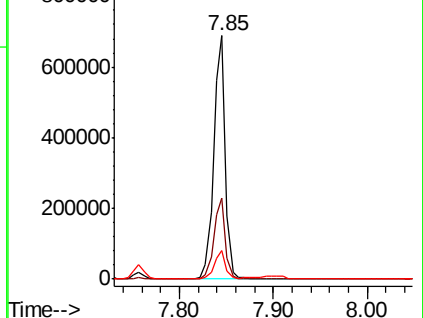
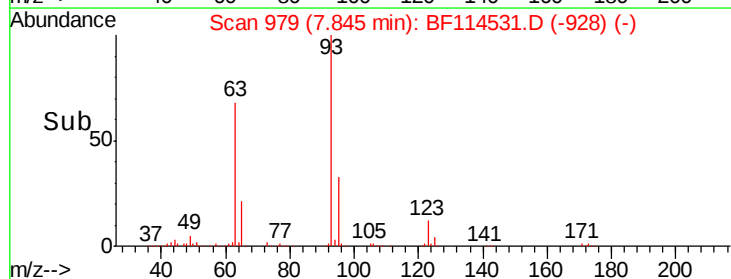
123 11.7 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.846 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

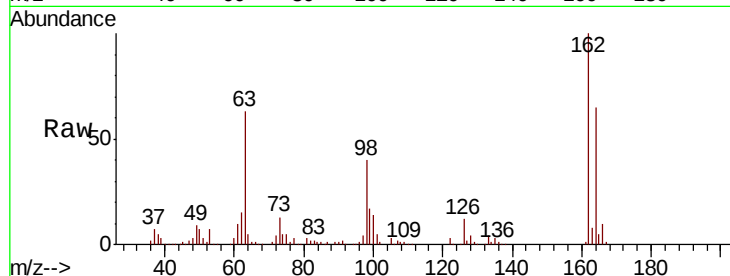
Tot Ion:162 Resp: 389741

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

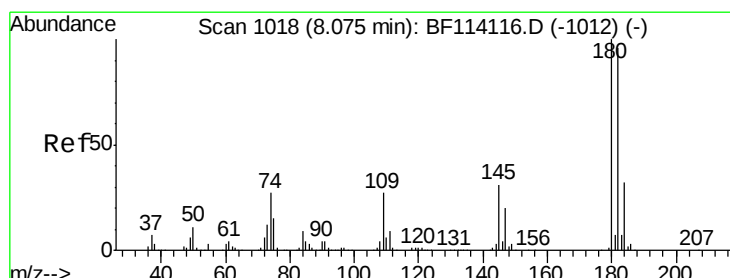
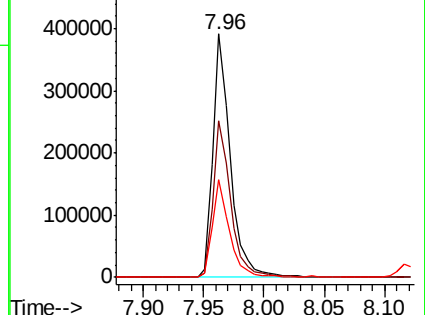
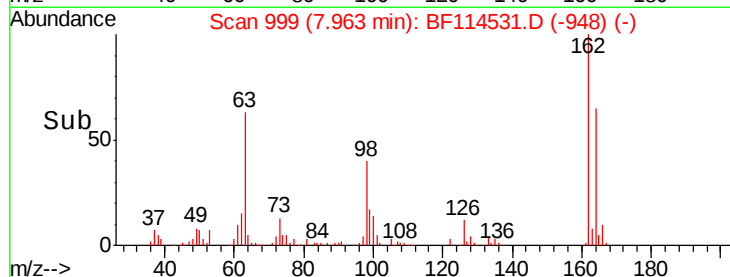
98 40.4 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.984 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

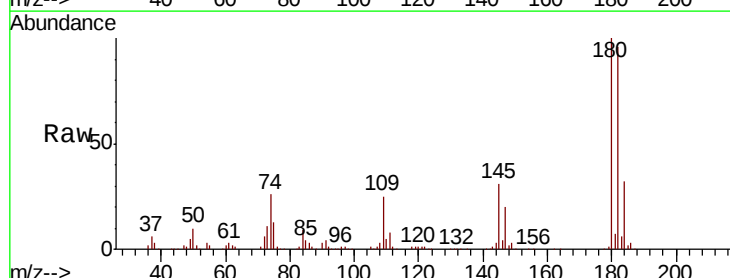
Tgt Ion:180 Resp: 433834

Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

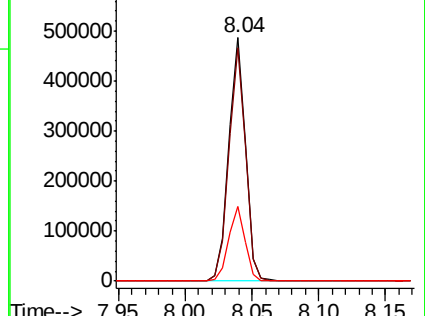
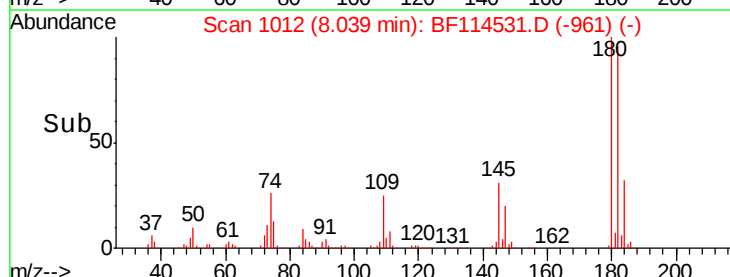
145 30.5 25.1 37.7

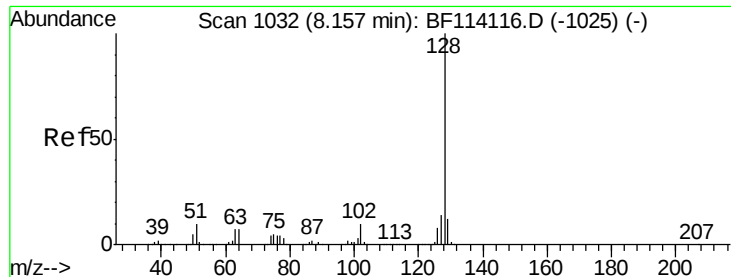


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

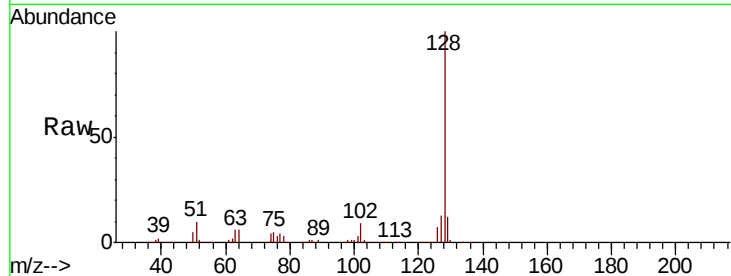




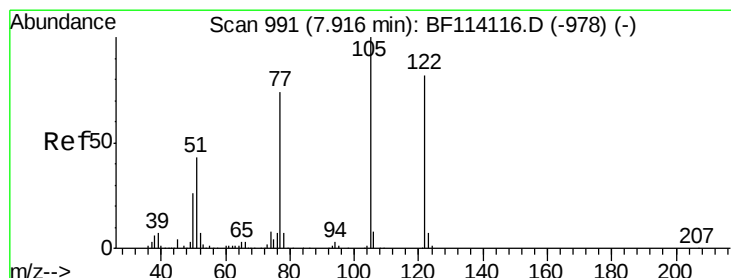
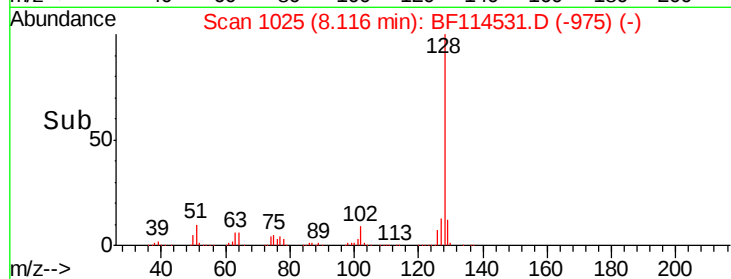
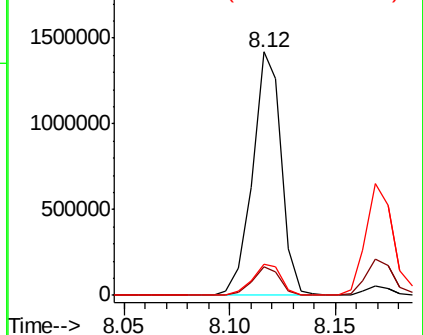
#31
Naphthalene
Concen: 41.700 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1349706
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.0 11.3 16.9

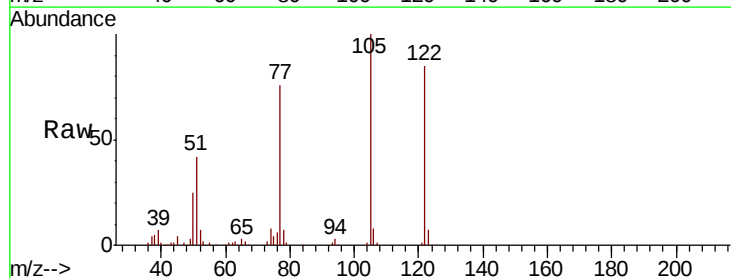


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

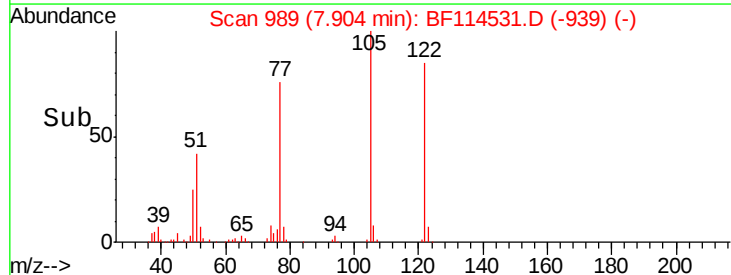
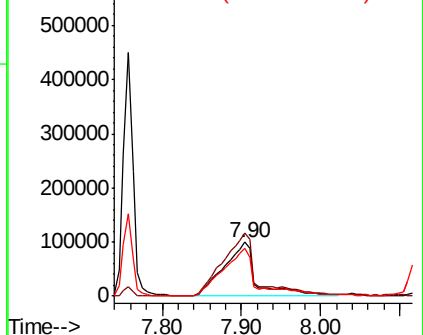


#32
Benzoic acid
Concen: 41.790 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:122 Resp: 278260
Ion Ratio Lower Upper
122 100
105 117.8 99.9 139.9
77 89.6 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

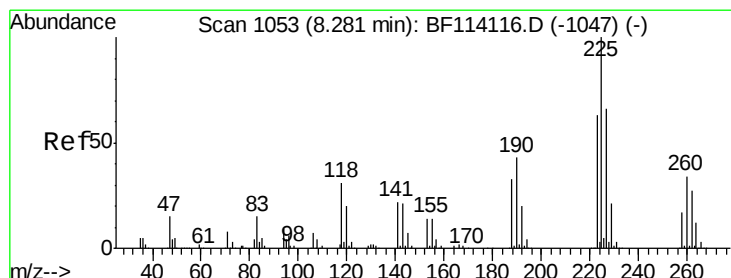
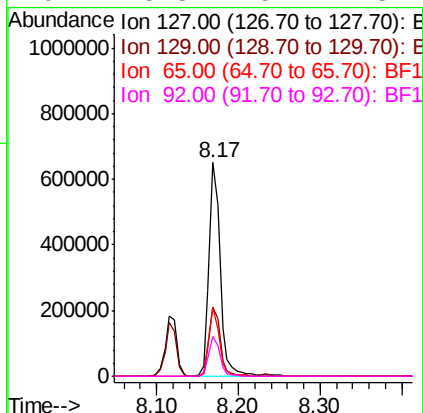
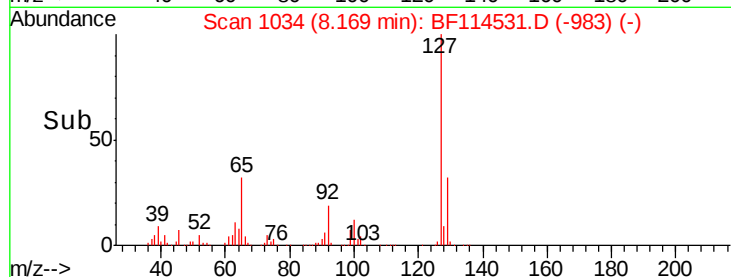
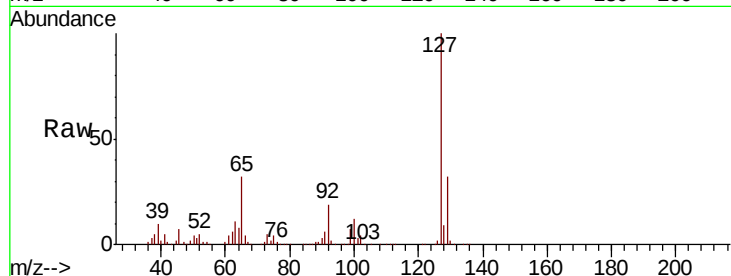




#33
4-Chloroaniline
Concen: 42.088 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

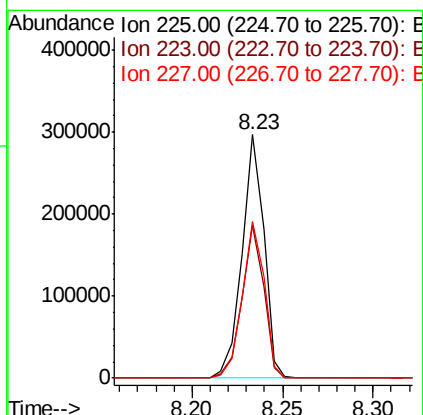
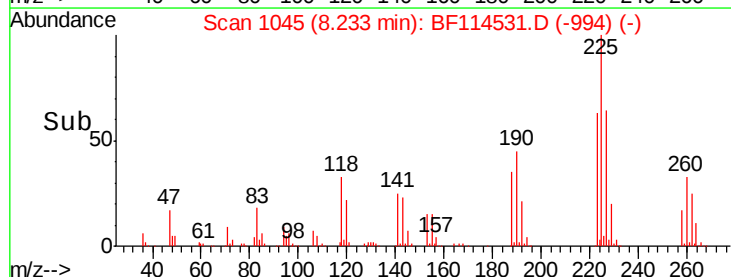
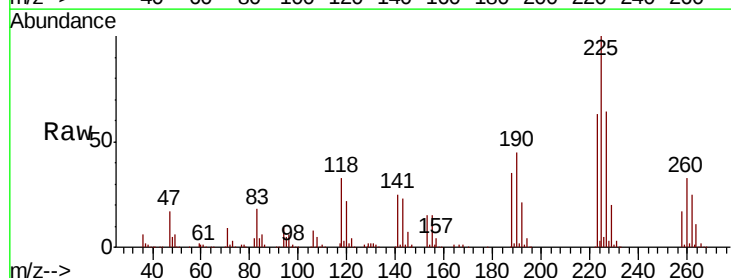
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

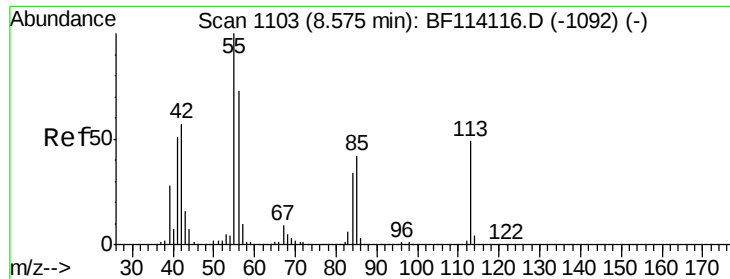
Tot Ion:	127	Resp:	620769
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.7	40.1
65	32.1	25.4	38.0
92	18.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.414 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:	225	Resp:	249502
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	64.4	52.6	79.0





#35

Caprolactam

Concen: 44.791 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

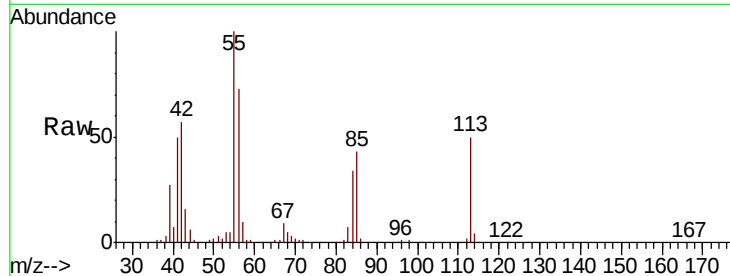
Tot Ion:113 Resp: 139359

Ion Ratio Lower Upper

113 100

55 201.3 183.5 223.5

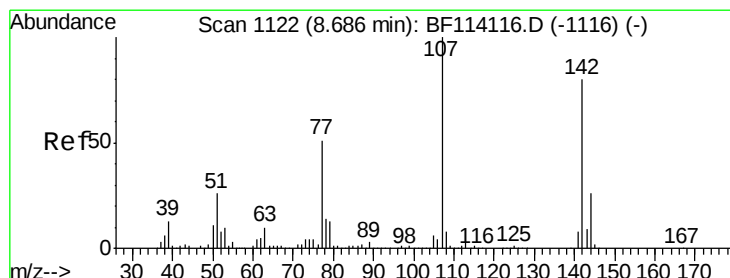
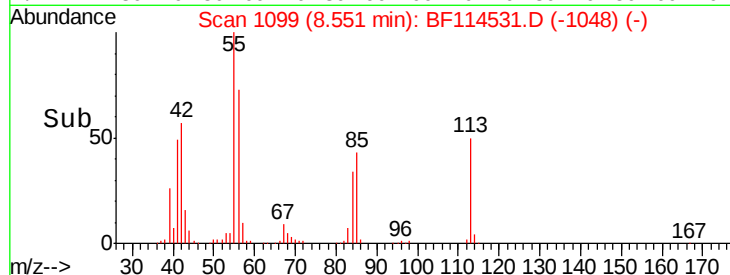
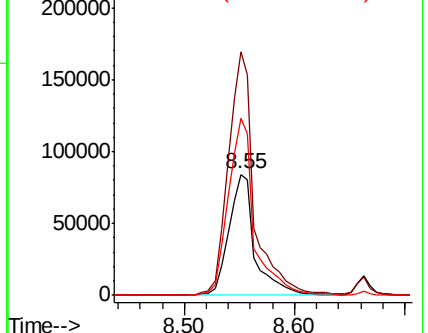
56 146.6 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.177 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

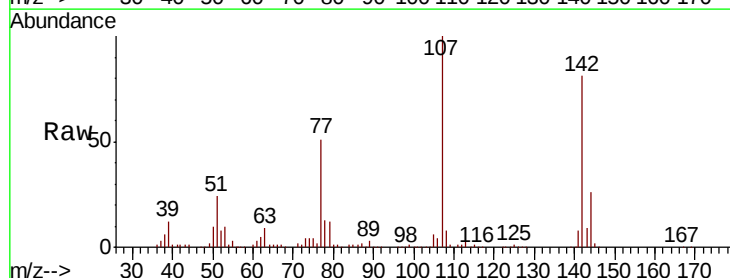
Tgt Ion:107 Resp: 414698

Ion Ratio Lower Upper

107 100

144 26.1 20.4 30.6

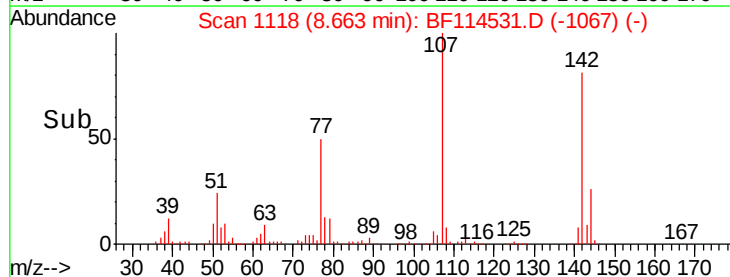
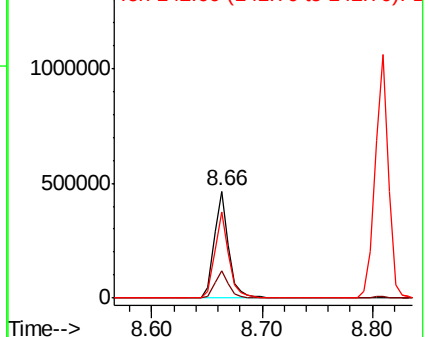
142 80.8 64.2 96.4

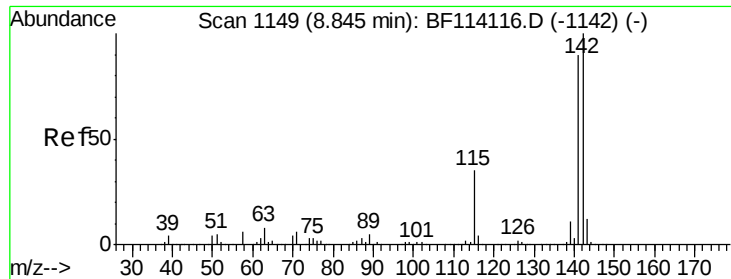


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

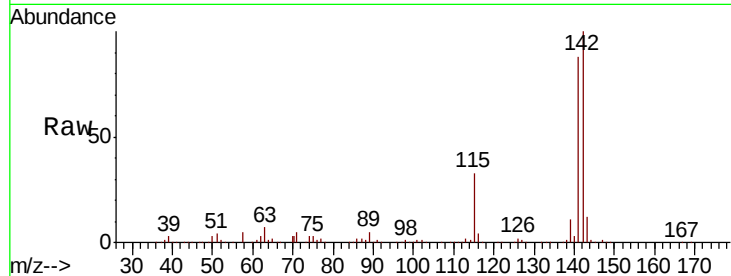




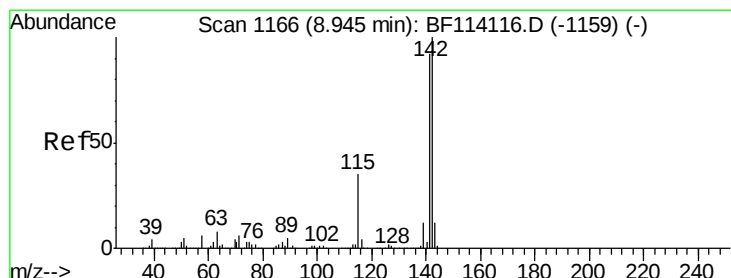
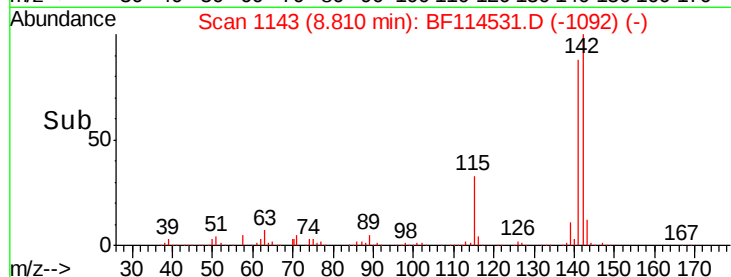
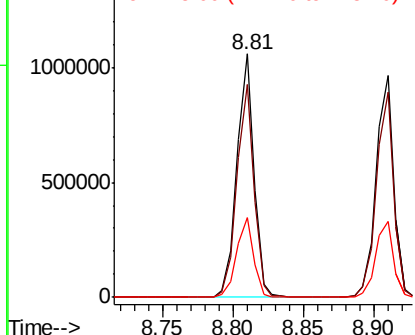
#37
2-Methylnaphthalene
Concen: 42.787 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.1	108.1
115	32.9	28.0	42.0

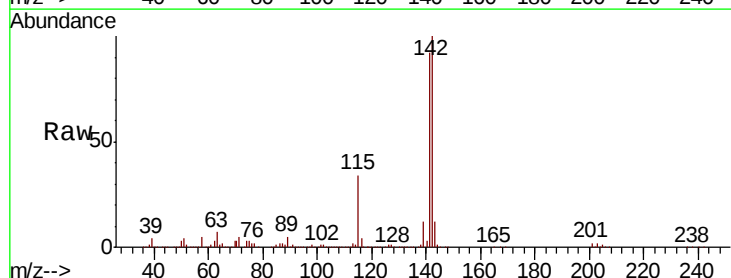


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

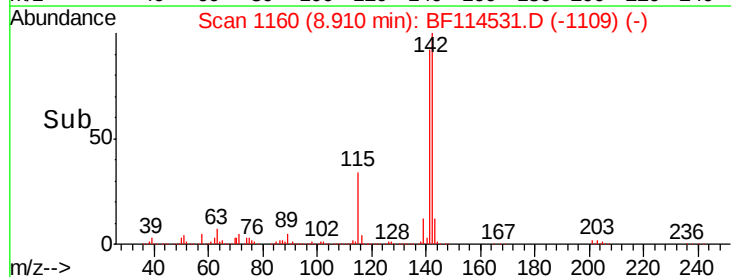
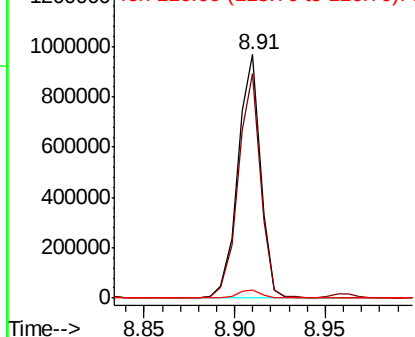


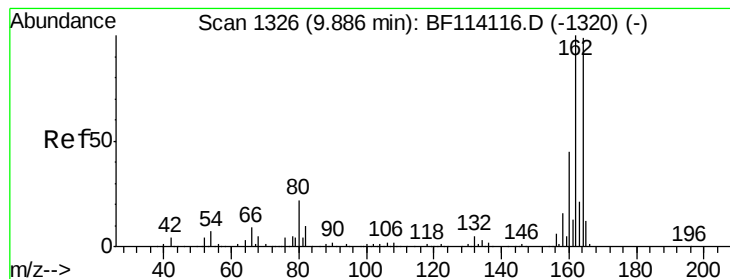
#38
1-Methylnaphthalene
Concen: 42.674 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.0
116	3.6	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

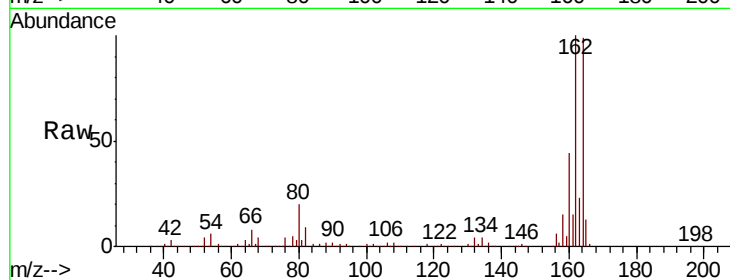
Tot Ion:164 Resp: 335092

Ion Ratio Lower Upper

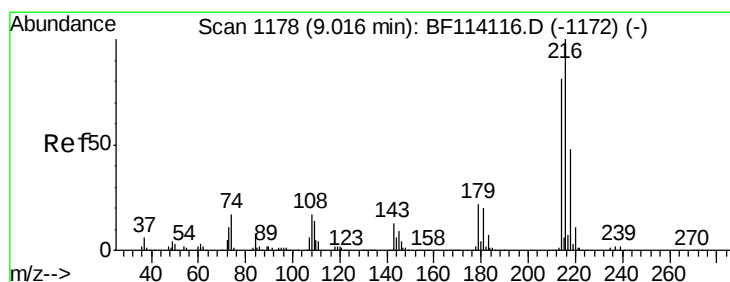
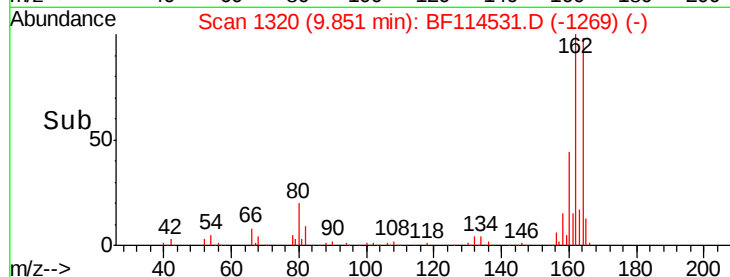
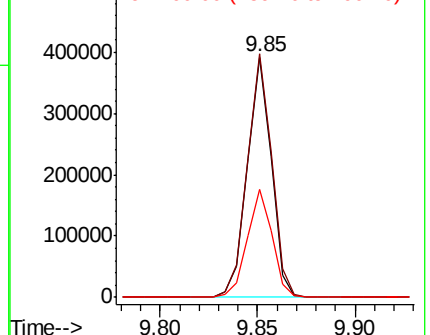
164 100

162 101.5 80.6 120.8

160 45.0 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.937 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Tgt Ion:216 Resp: 415535

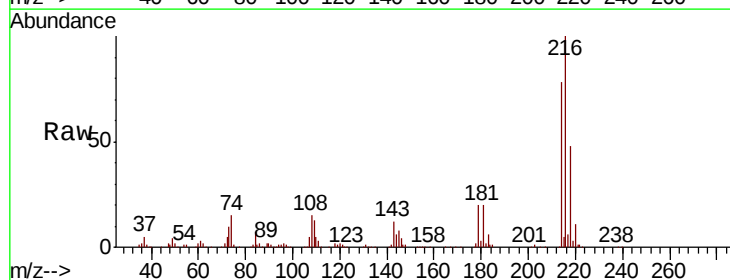
Ion Ratio Lower Upper

216 100

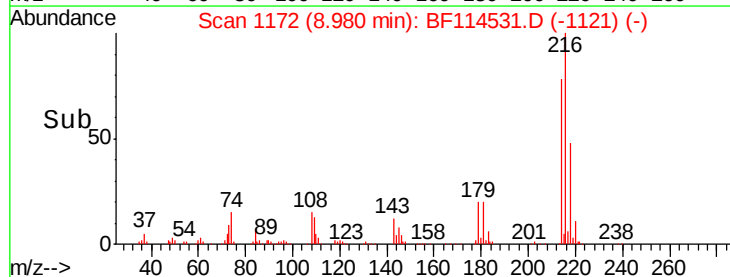
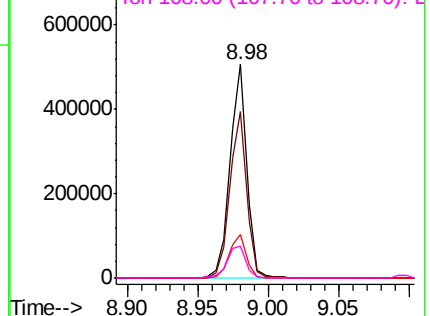
214 78.8 63.9 95.9

179 20.9 17.0 25.6

108 17.8 14.8 22.2



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





#41

Hexachlorocyclopentadiene

Concen: 25.199 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

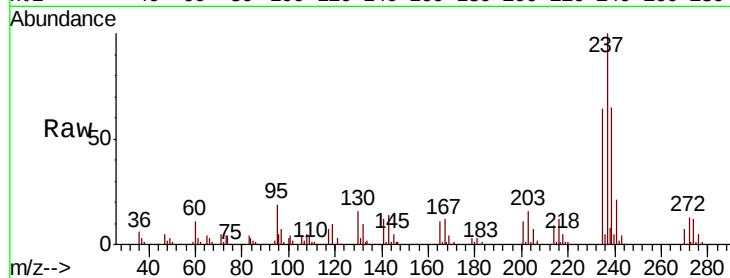
Tot Ion:237 Resp: 104358

Ion Ratio Lower Upper

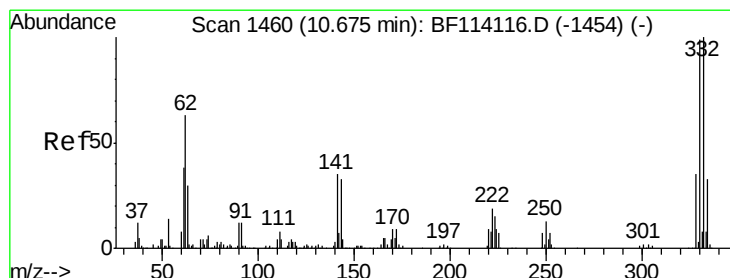
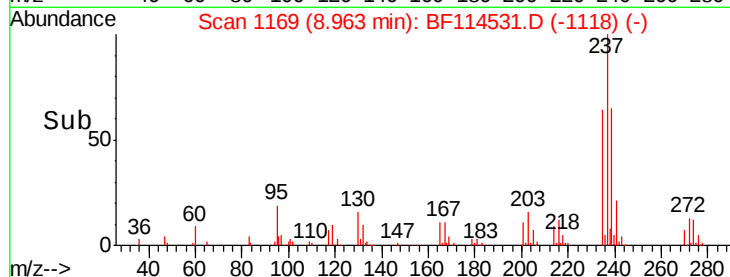
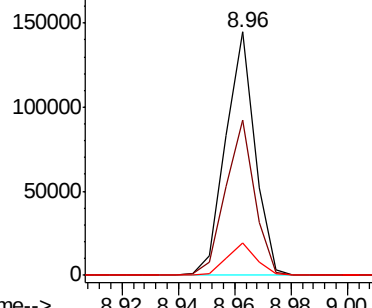
237 100

235 63.8 42.0 82.0

272 13.1 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: 76.474 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

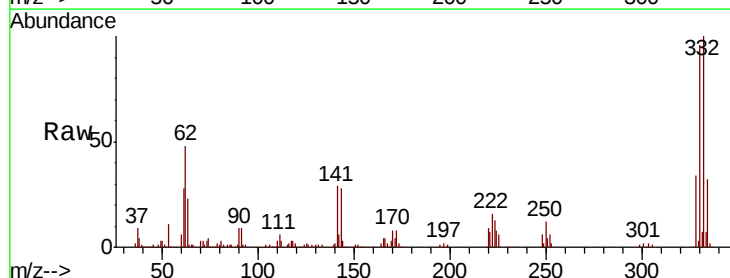
Tgt Ion:330 Resp: 264929

Ion Ratio Lower Upper

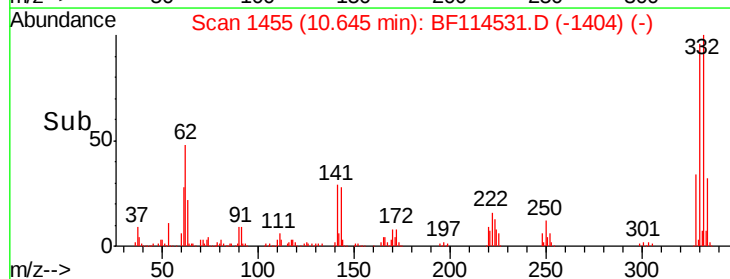
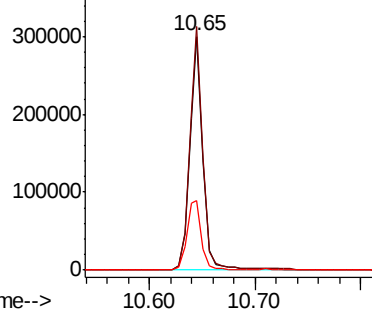
330 100

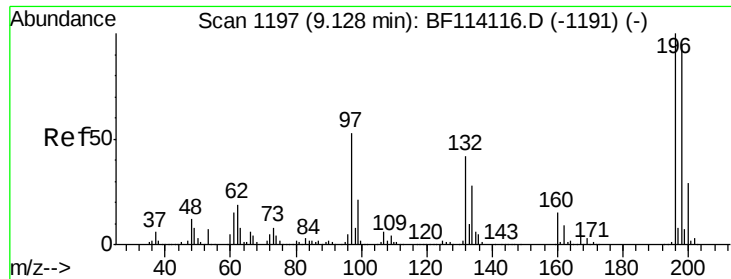
332 103.9 81.4 122.2

141 33.3 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

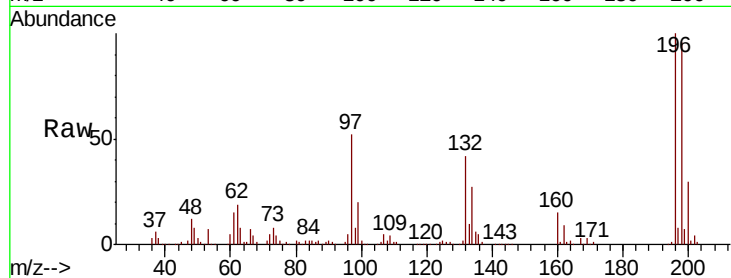




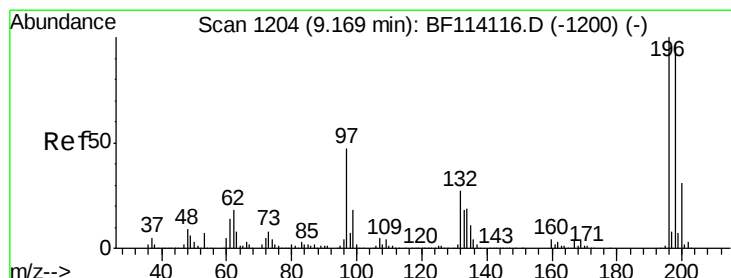
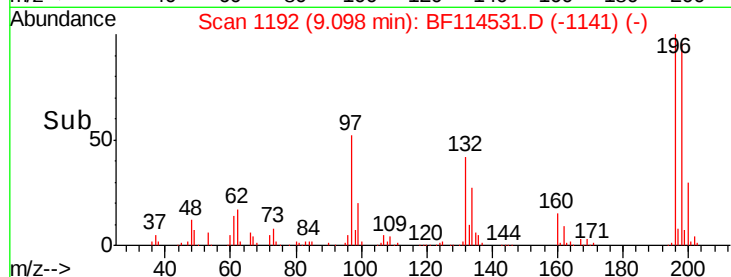
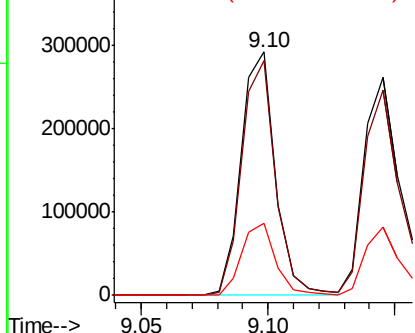
#43
 2,4,6-Trichlorophenol
 Concen: 39.437 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 275346
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.9 113.9
 200 29.8 23.5 35.3

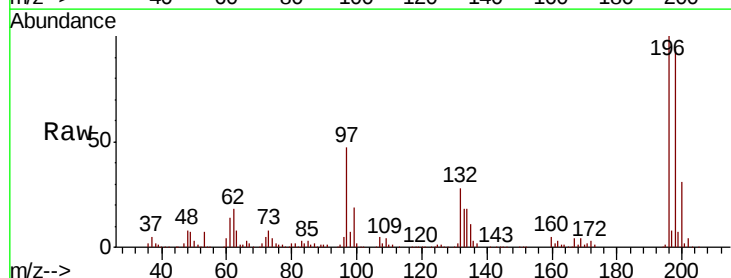


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

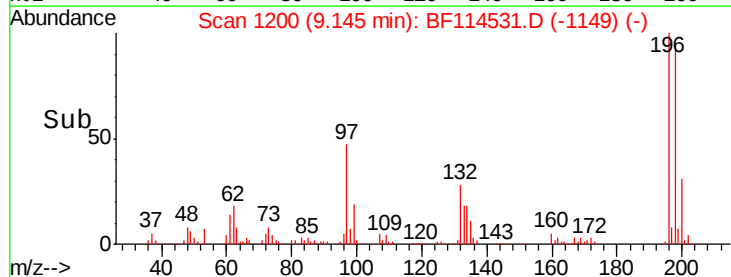
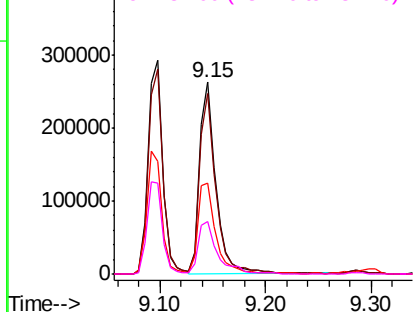


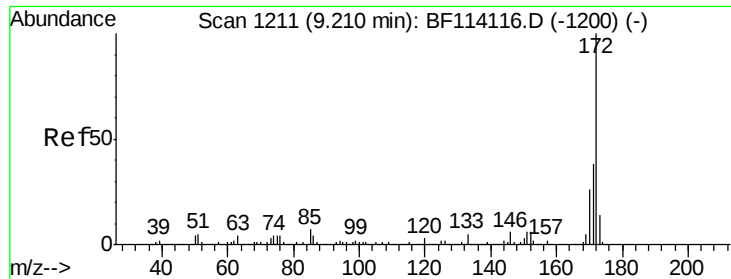
#44
 2,4,5-Trichlorophenol
 Concen: 39.157 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion:196 Resp: 280377
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.7 116.5
 97 47.4 38.2 57.2
 132 27.6 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

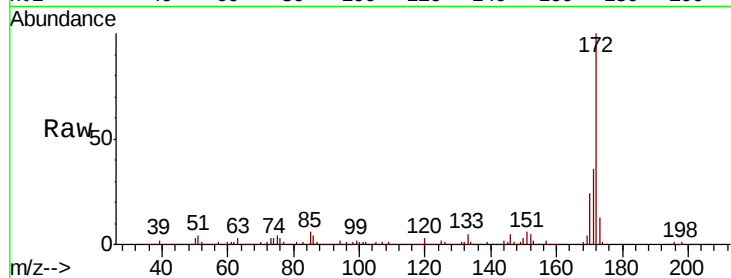




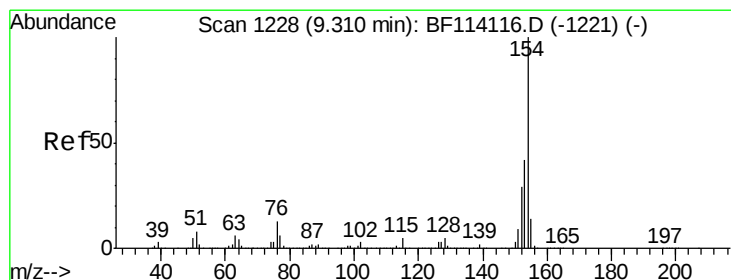
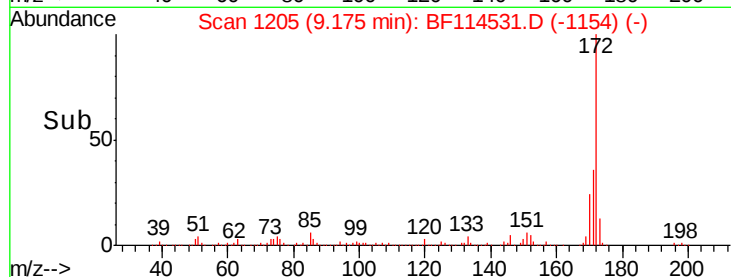
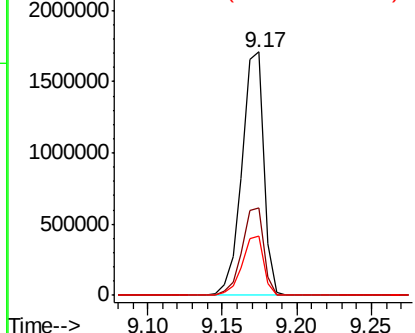
#45
2-Fluorobiphenyl
Concen: 78.639 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1742048
Ion Ratio Lower Upper
172 100
171 35.8 30.7 46.1
170 24.4 20.5 30.7

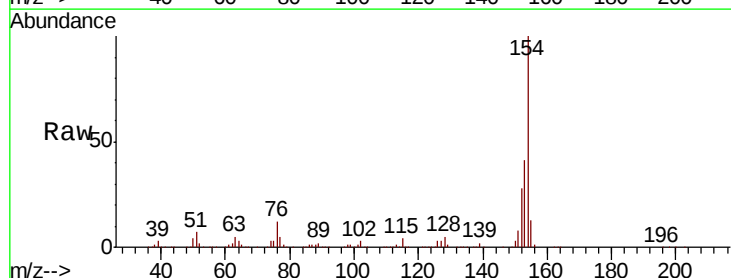


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

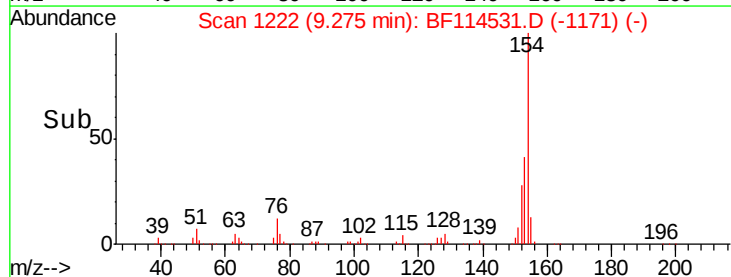
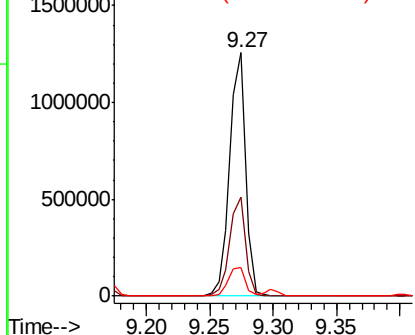


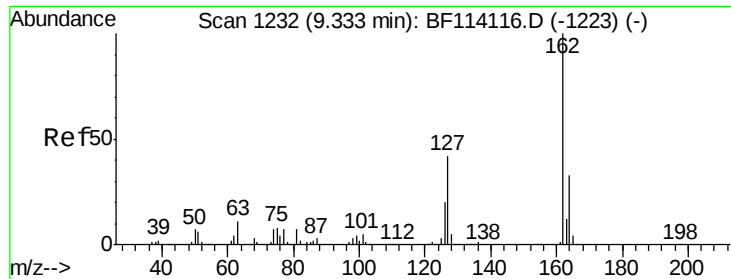
#46
1,1'-Biphenyl
Concen: 40.368 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:154 Resp: 1092796
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 11.8 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

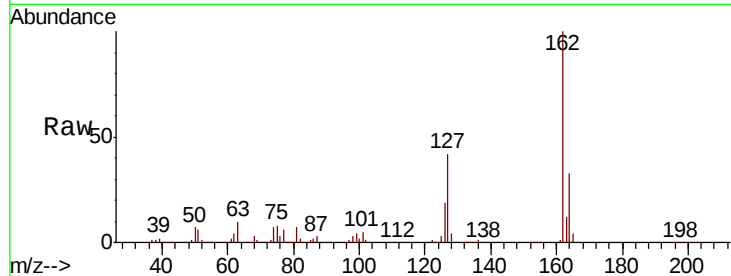




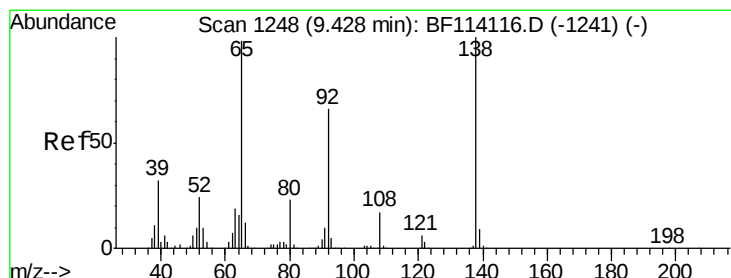
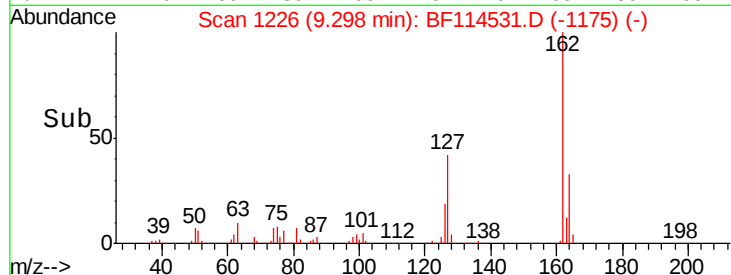
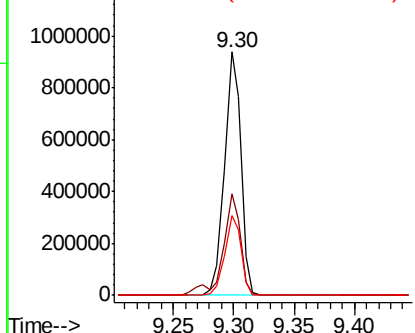
#47
 2-Chloronaphthalene
 Concen: 40.432 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 880860
 Ion Ratio Lower Upper
 162 100
 127 41.7 34.0 51.0
 164 32.7 26.7 40.1

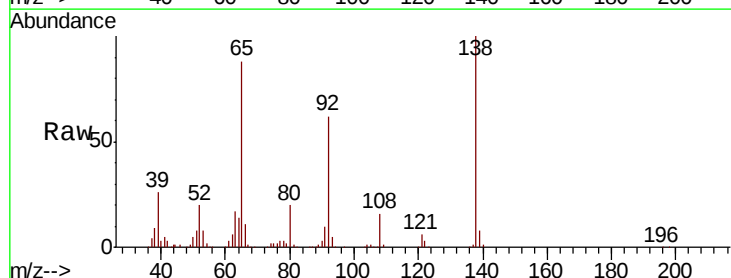


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

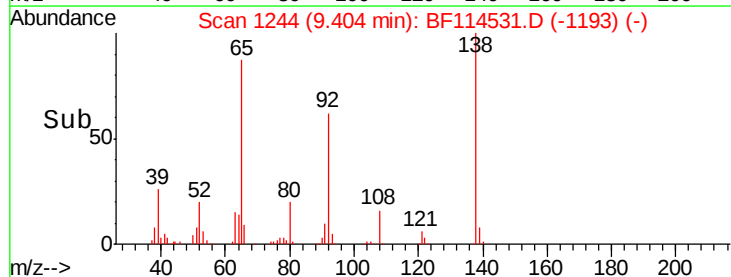
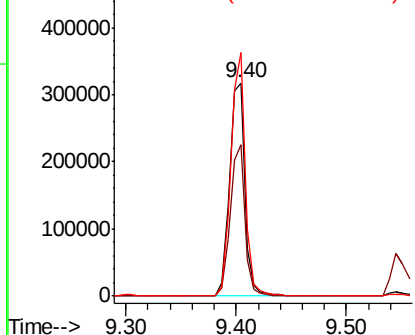


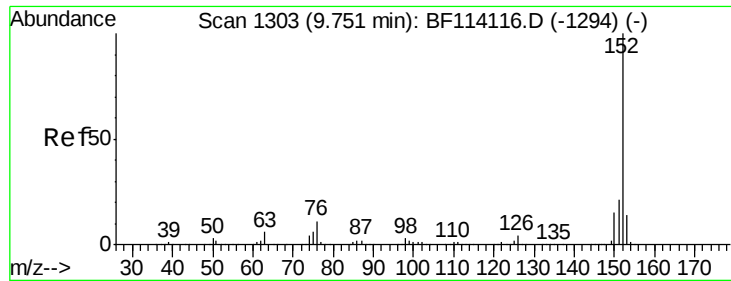
#48
 2-Nitroaniline
 Concen: 40.358 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion: 65 Resp: 311827
 Ion Ratio Lower Upper
 65 100
 92 71.1 53.9 80.9
 138 114.0 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.481 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

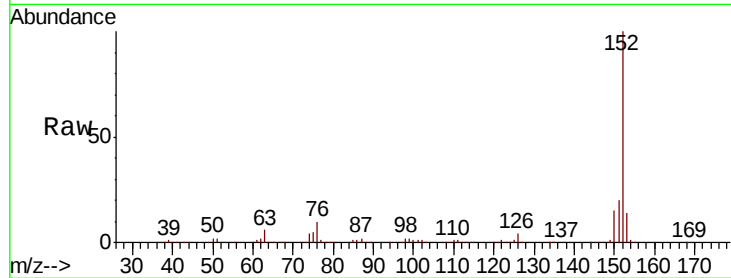
Tot Ion:152 Resp: 1341357

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

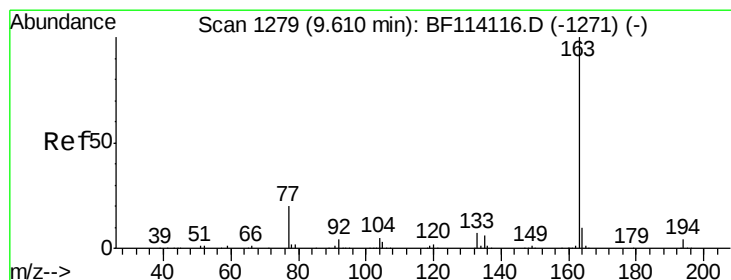
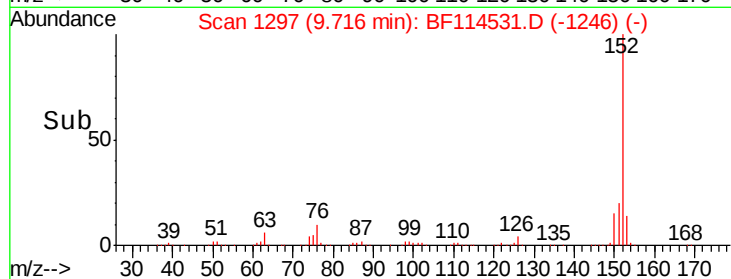
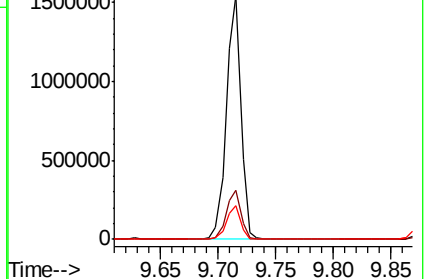
153 13.8 11.4 17.2



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: 40.694 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

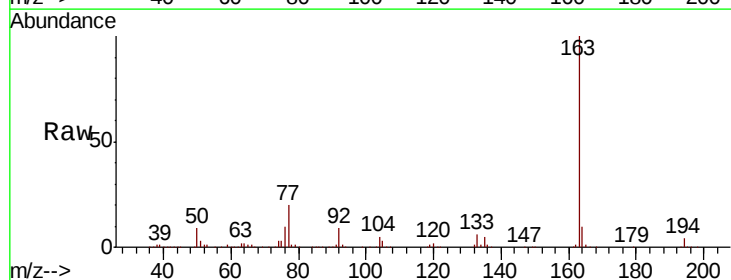
Tgt Ion:163 Resp: 1001036

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

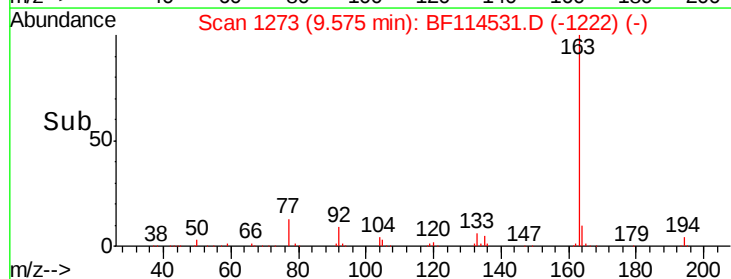
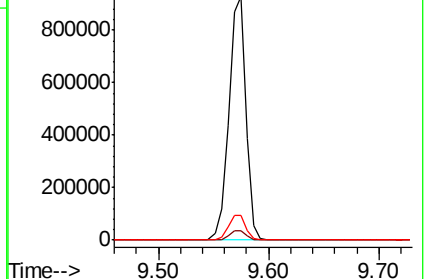
164 9.9 8.2 12.2



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: 40.492 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

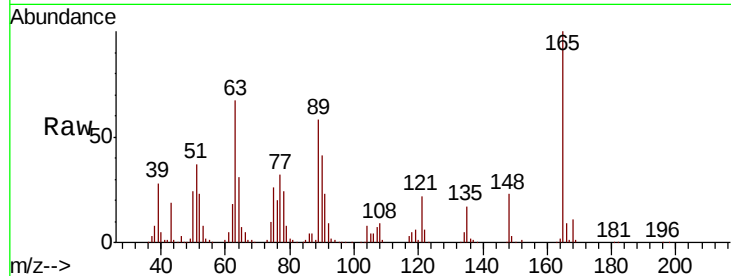
Tot Ion:165 Resp: 220924

Ion Ratio Lower Upper

165 100

63 67.2 50.2 75.4

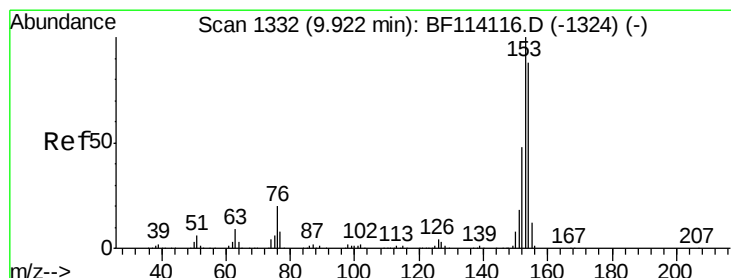
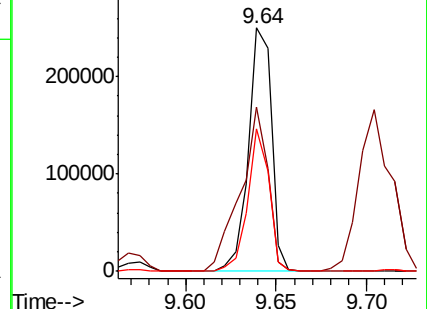
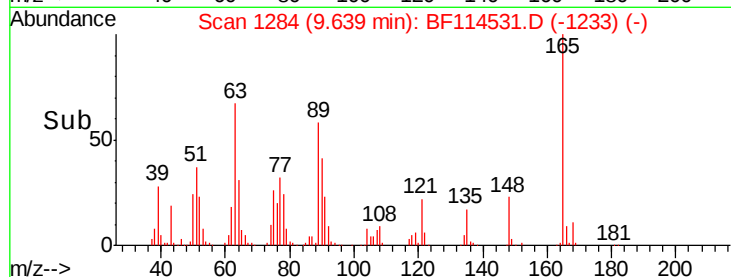
89 58.3 46.6 69.8



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: 39.609 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

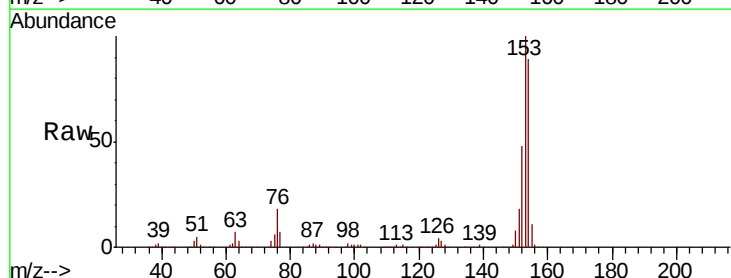
Tgt Ion:154 Resp: 805398

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

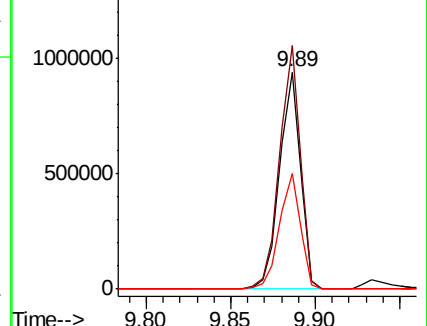
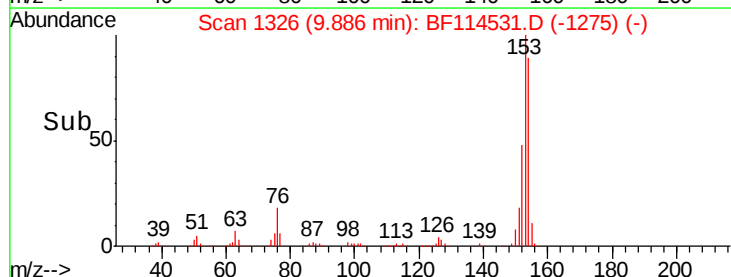
152 53.5 43.4 65.2



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

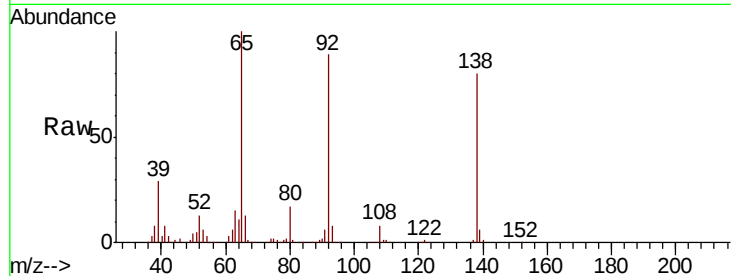




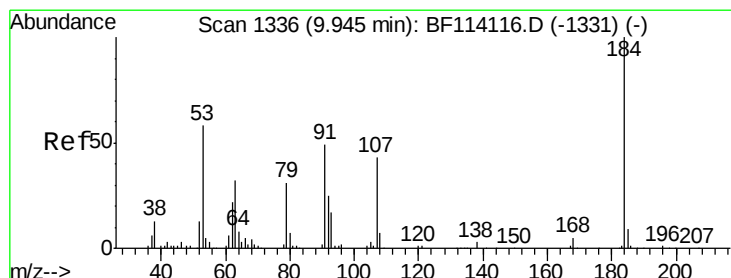
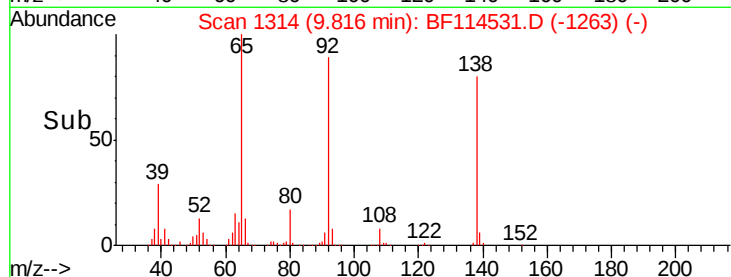
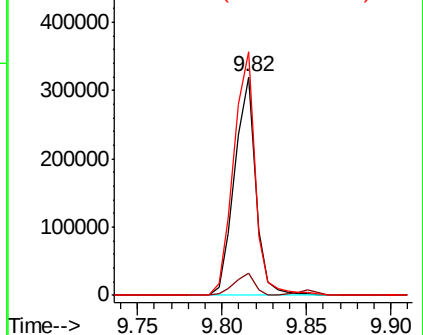
#53
3-Nitroaniline
Concen: 41.149 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 278692
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 111.5 91.2 136.8

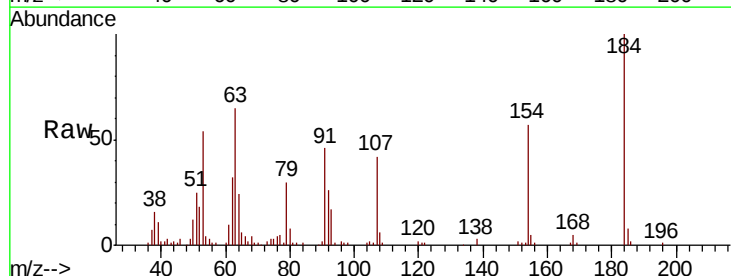


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

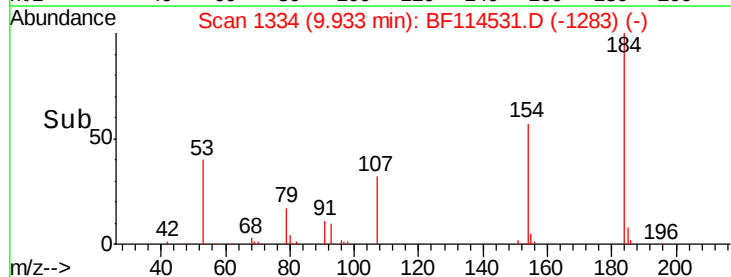
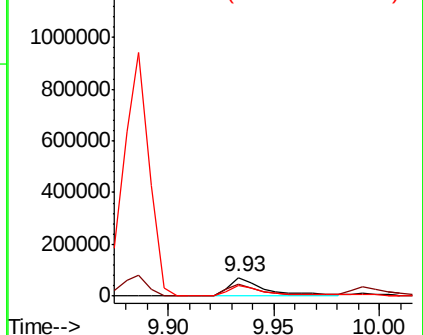


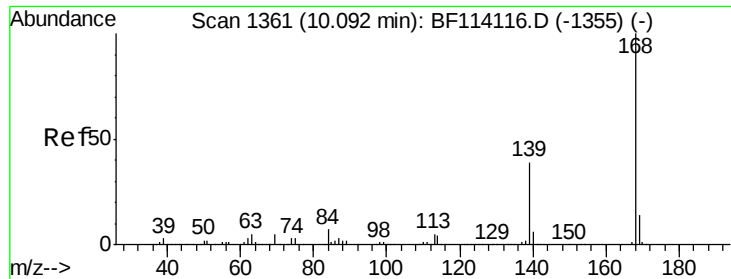
#54
2,4-Dinitrophenol
Concen: 36.108 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:184 Resp: 87974
Ion Ratio Lower Upper
184 100
63 64.9 55.6 83.4
154 57.3 46.0 69.0



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

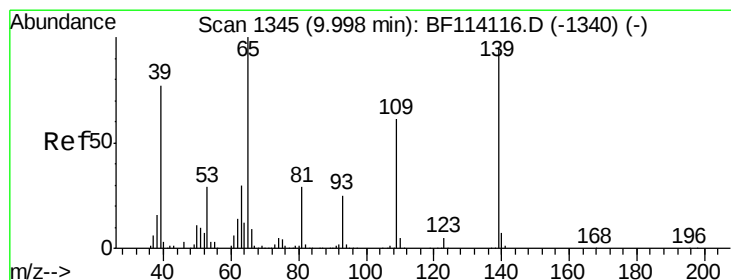
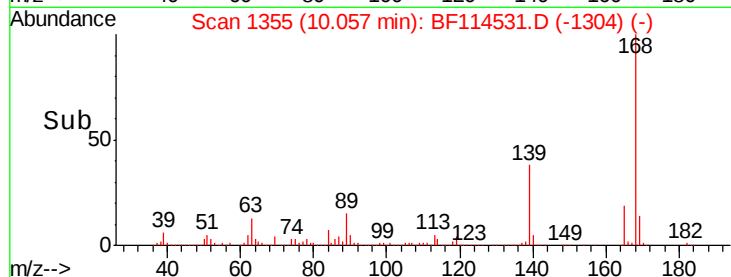
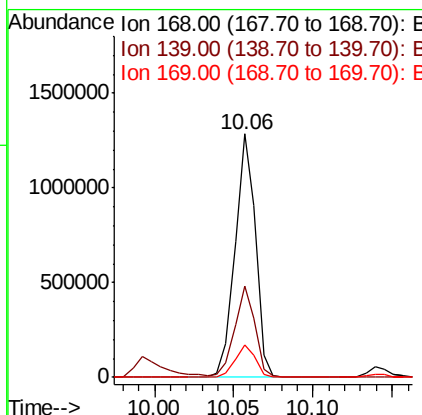
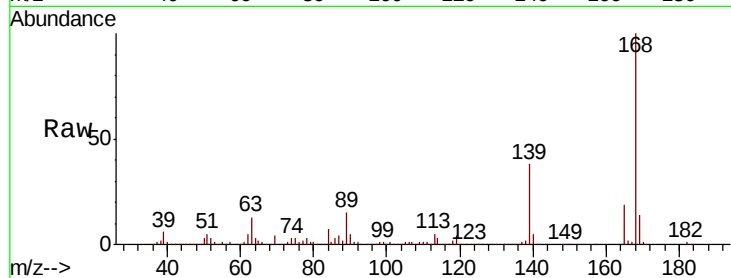




#55
Dibenzofuran
Concen: 38.538 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

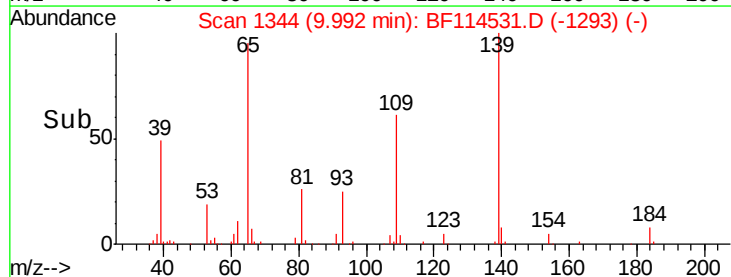
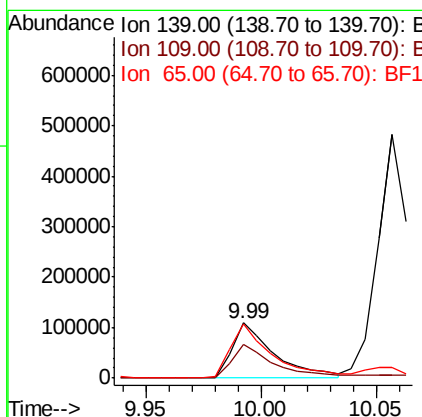
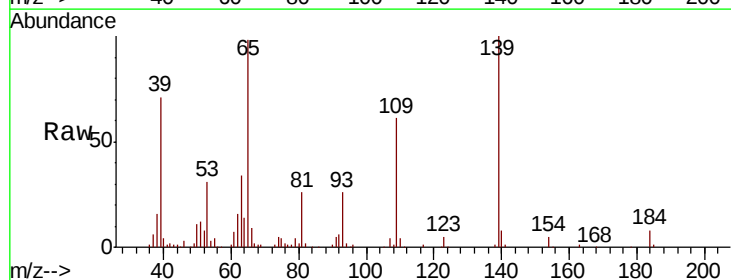
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

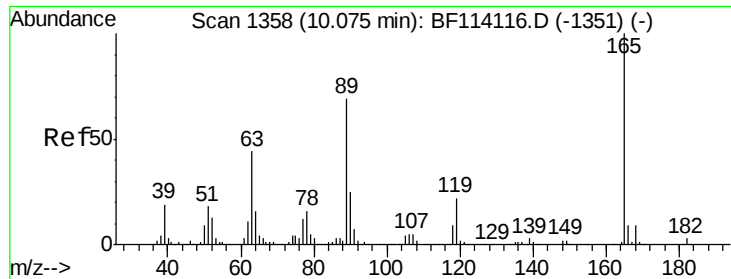
Tot Ion:168 Resp: 1149047
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 13.5 11.4 17.0



#56
4-Nitrophenol
Concen: 28.810 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:139 Resp: 137992
Ion Ratio Lower Upper
139 100
109 61.3 43.9 83.9
65 98.0 85.7 125.7

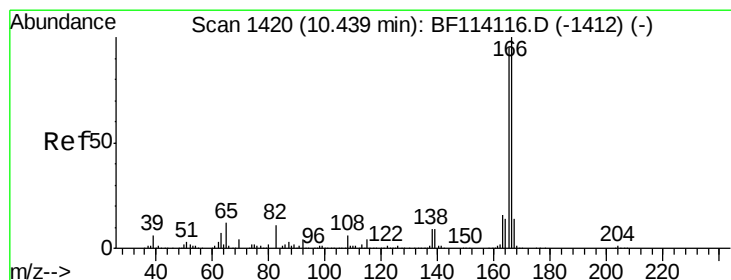
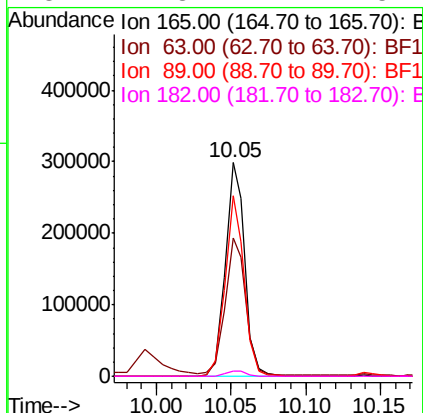
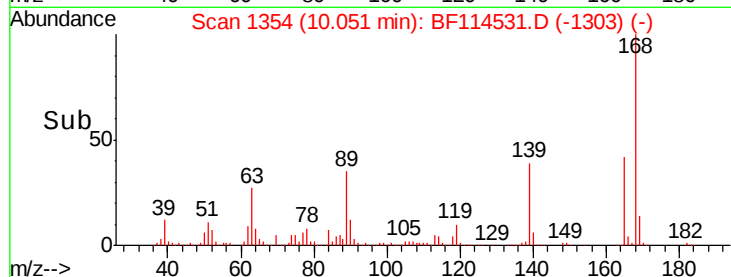
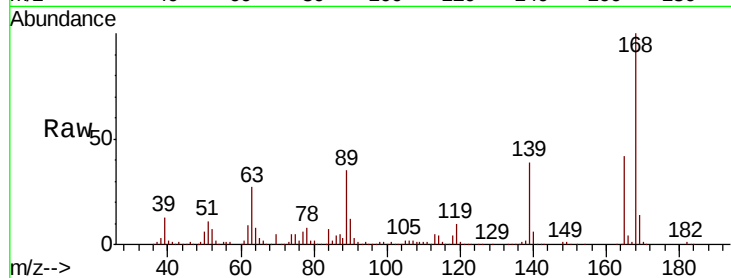




#57
2,4-Dinitrotoluene
Concen: 37.151 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

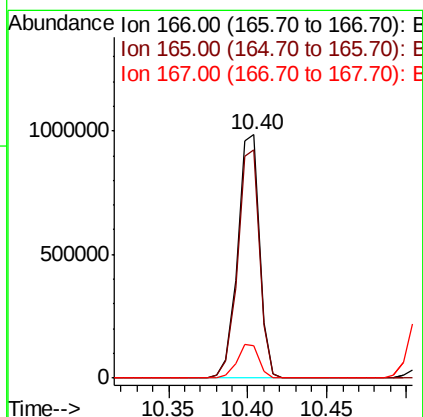
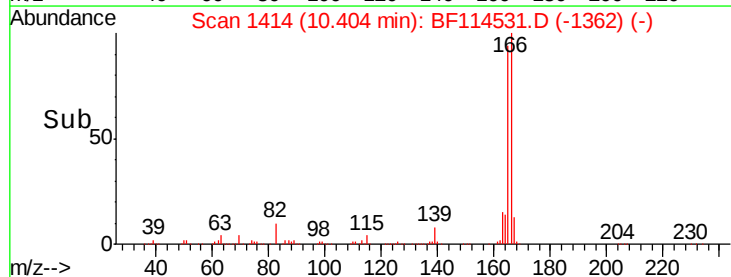
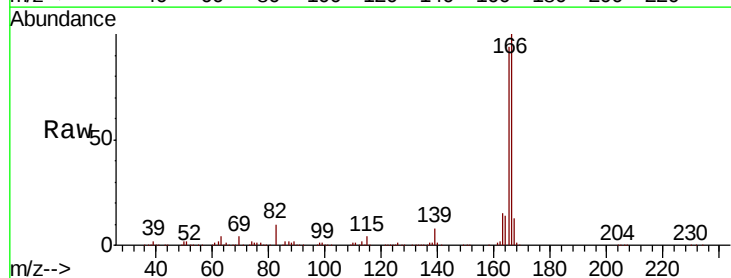
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

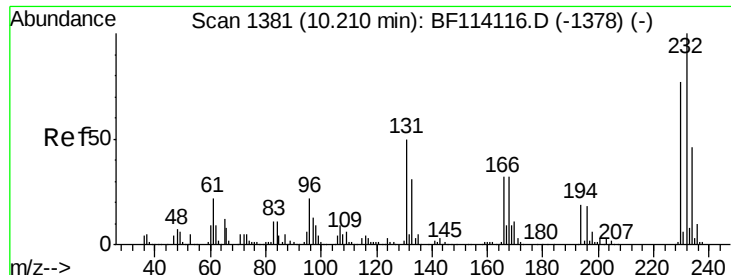
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.7	35.5	53.3#
89	84.2	55.2	82.8#
182	2.3	2.2	3.2



#58
Fluorene
Concen: 41.025 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.1	114.1
167	13.4	11.1	16.7

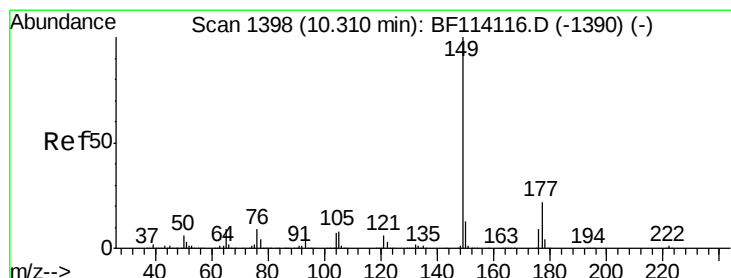
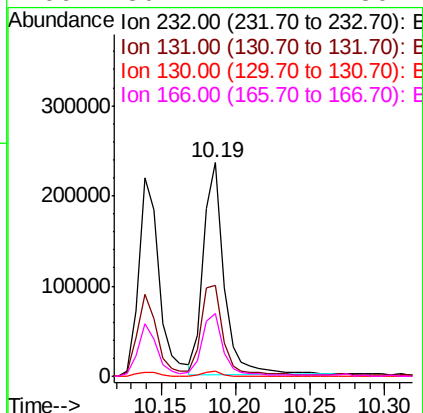
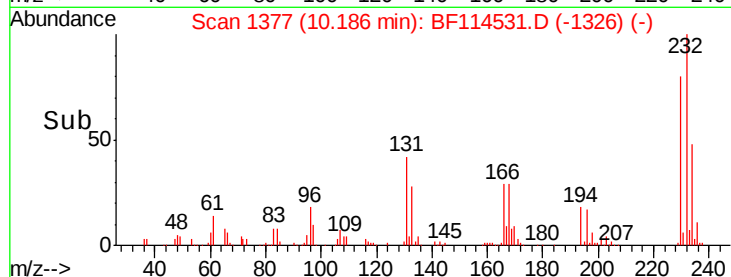
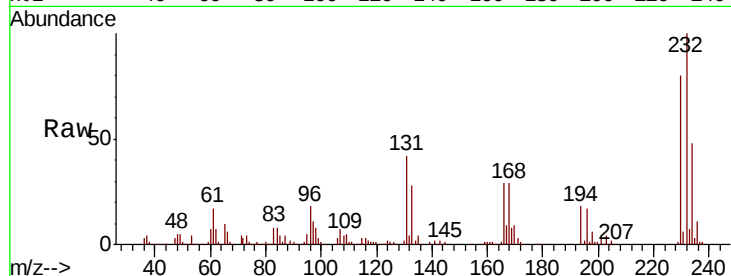




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.781 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

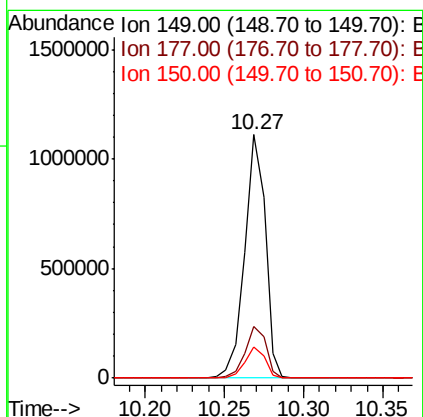
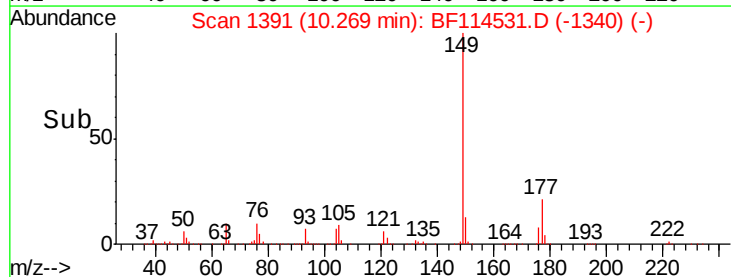
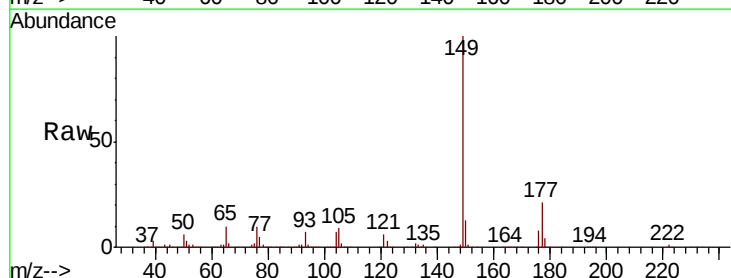
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

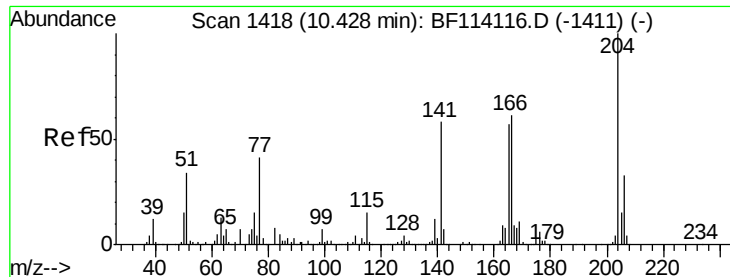
Tot Ion:232 Resp: 227240
Ion Ratio Lower Upper
232 100
131 45.5 35.6 53.4
130 2.3 1.6 2.4
166 30.1 24.1 36.1



#60
Diethylphthalate
Concen: 40.090 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:149 Resp: 1002021
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.6 10.2 15.2

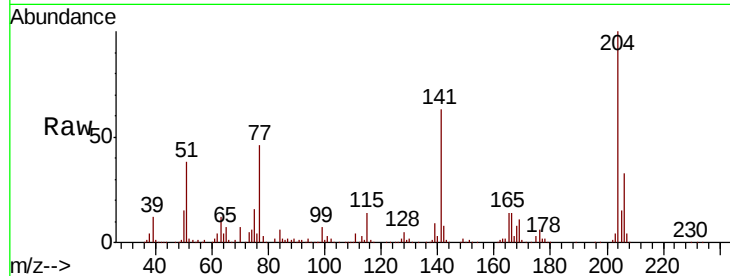




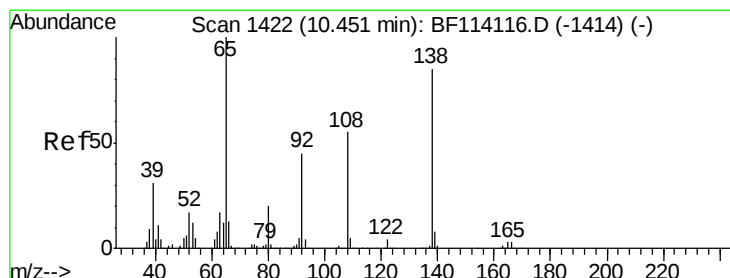
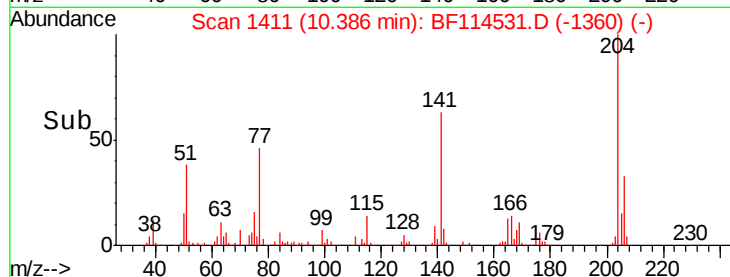
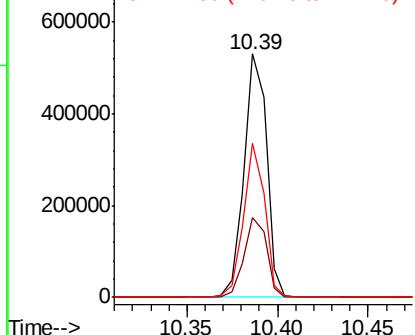
#61
4-Chlorophenyl-phenylether
Concen: 40.575 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 458960
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 63.4 46.4 69.6

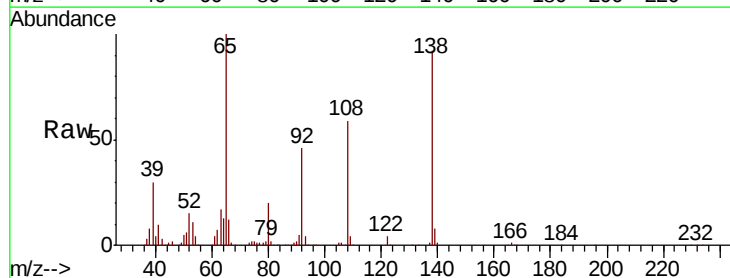


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

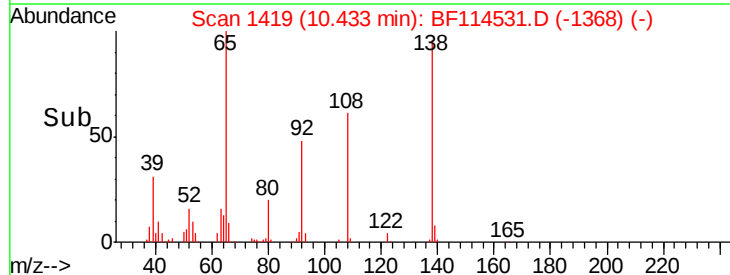
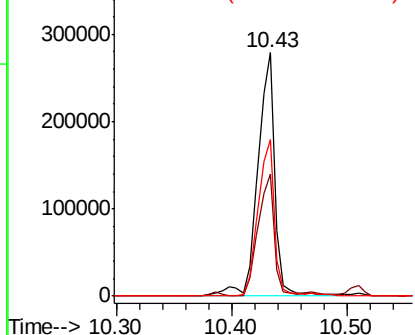


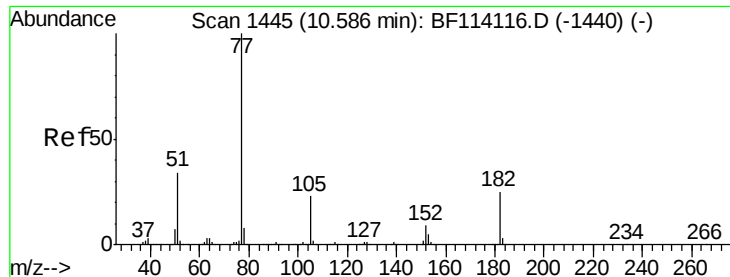
#62
4-Nitroaniline
Concen: 40.758 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:138 Resp: 290073
Ion Ratio Lower Upper
138 100
92 49.9 33.0 73.0
108 64.2 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

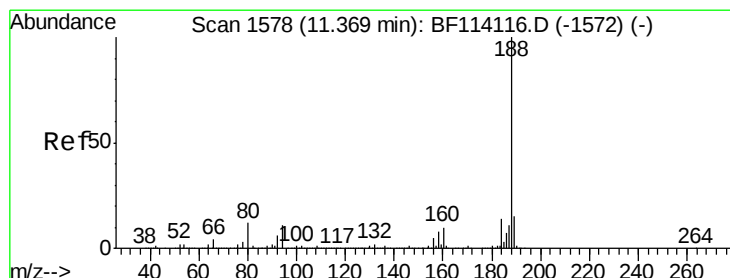
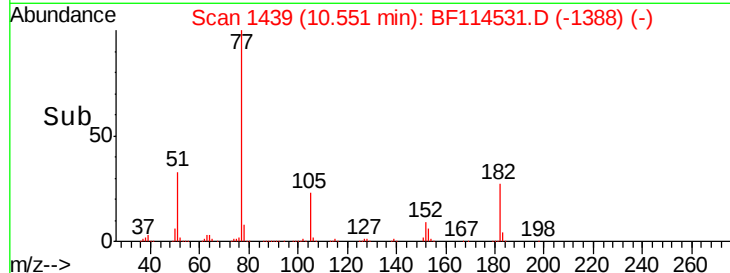
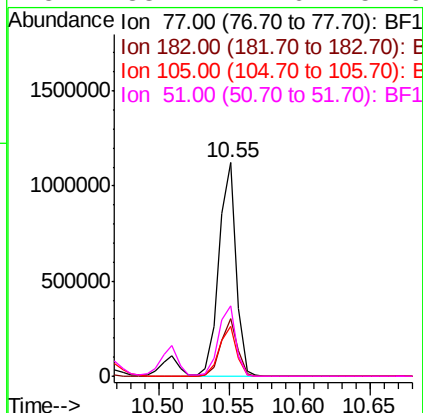
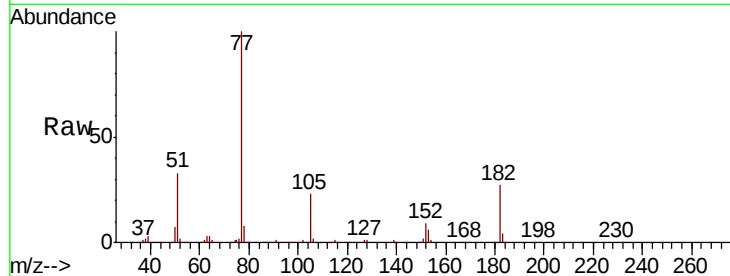




#63
Azobenzene
Concen: 39.084 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

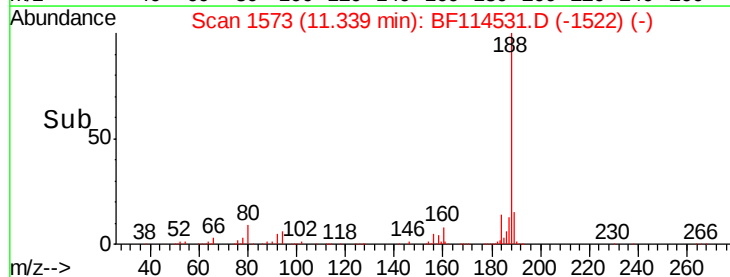
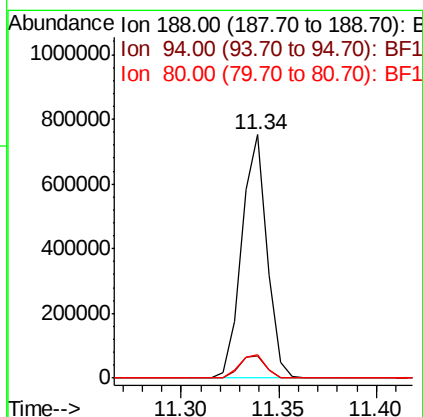
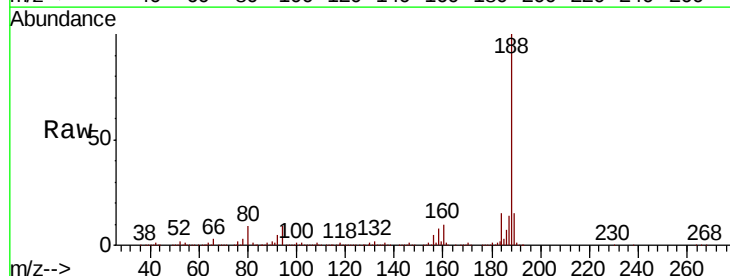
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	77	Resp:	945565
Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.7	44.7
105	23.2	2.9	42.9
51	33.2	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:	188	Resp:	672429
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.4	12.6
80	9.5	9.2	13.8

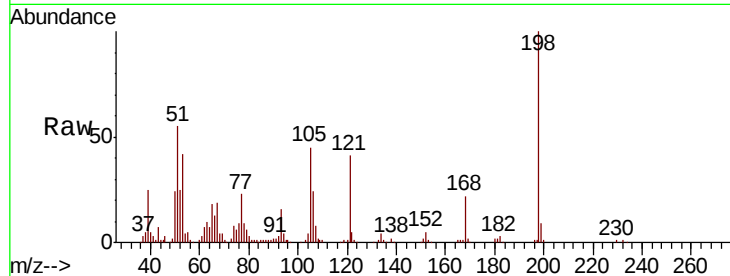




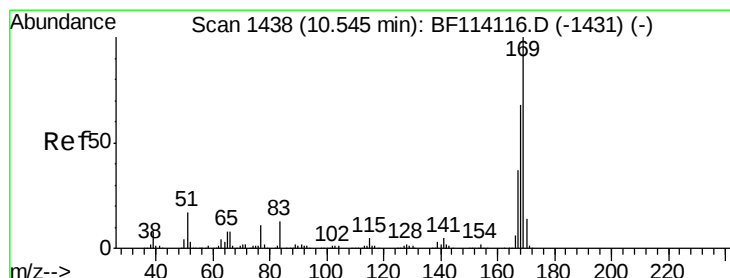
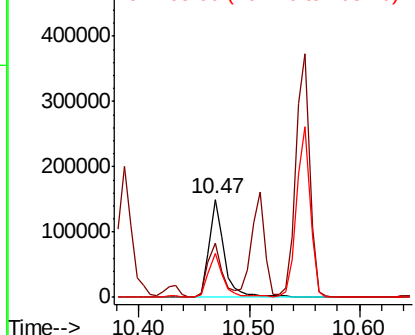
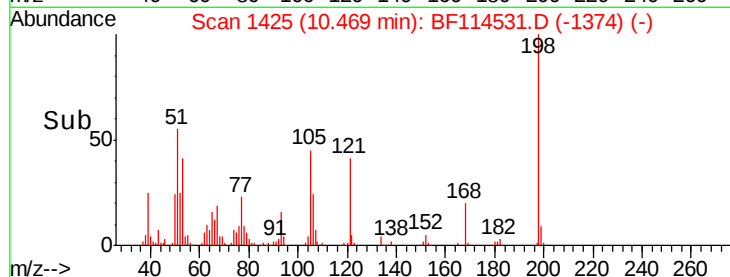
#65
4,6-Dinitro-2-methylphenol
Concen: 42.881 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 138553
Ion Ratio Lower Upper
198 100
51 54.9 28.0 68.0
105 45.0 21.1 61.1

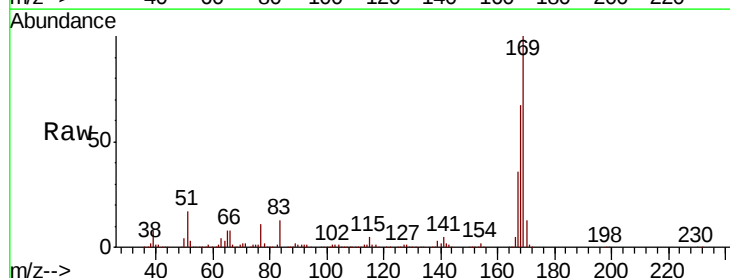


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

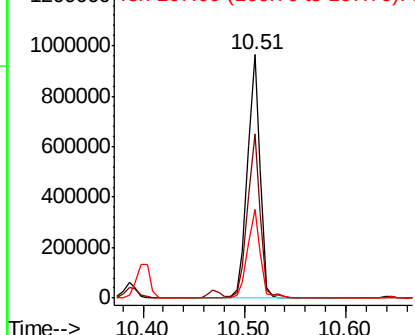
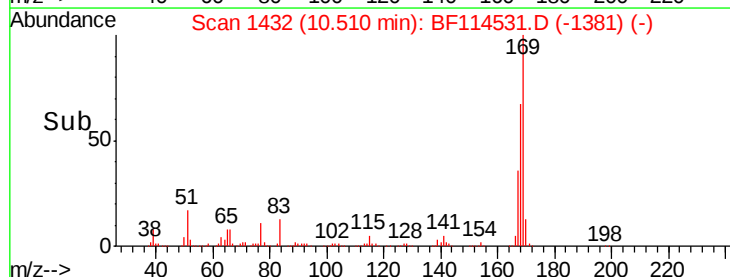


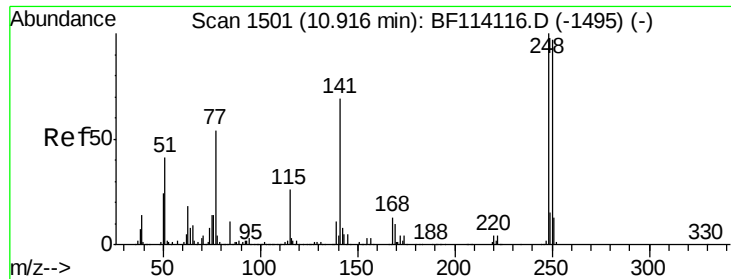
#66
n-Nitrosodiphenylamine
Concen: 40.971 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:169 Resp: 836156
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 36.4 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.655 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

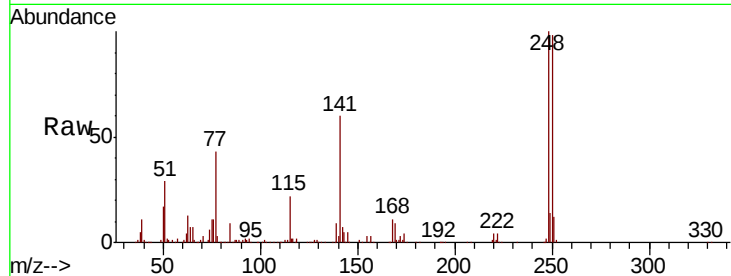
Tot Ion:248 Resp: 293592

Ion Ratio Lower Upper

248 100

250 98.4 77.4 116.2

141 60.2 55.6 83.4

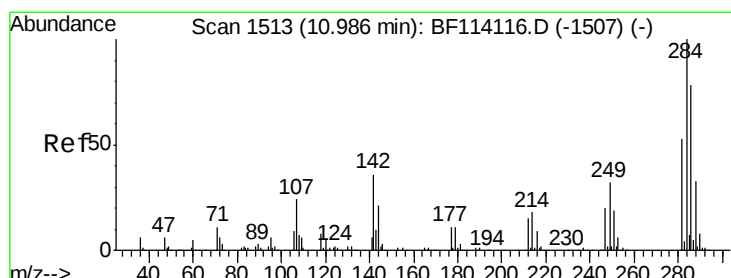
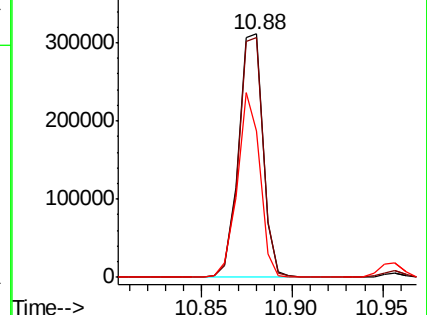
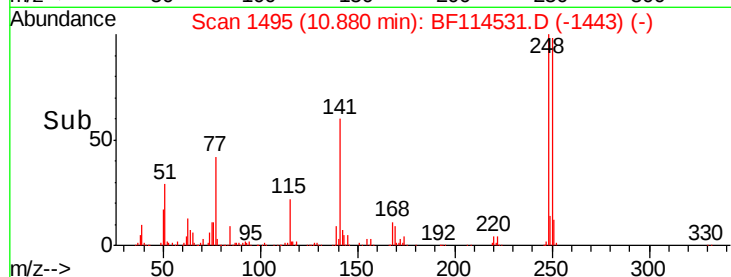


Abundance

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: 39.632 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

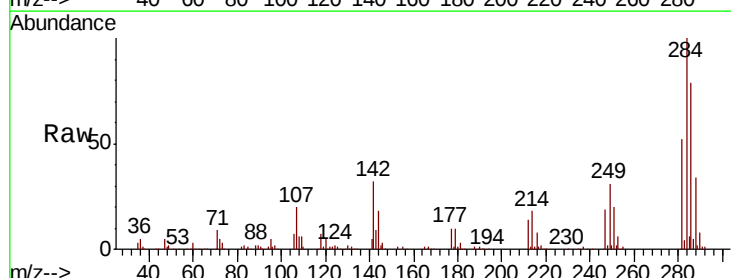
Tgt Ion:284 Resp: 324607

Ion Ratio Lower Upper

284 100

142 31.7 28.4 42.6

249 30.9 25.2 37.8

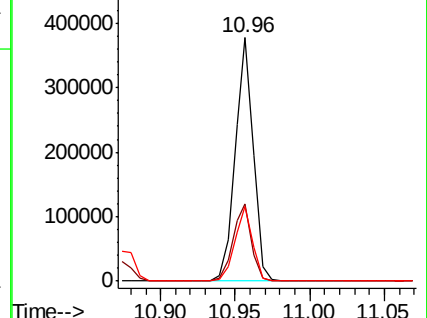
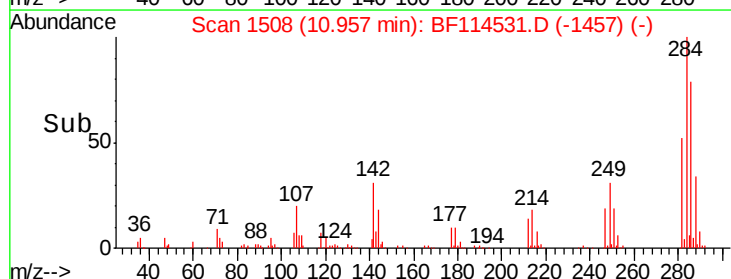


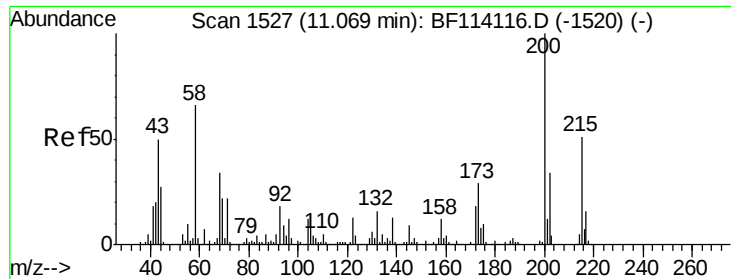
Abundance

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

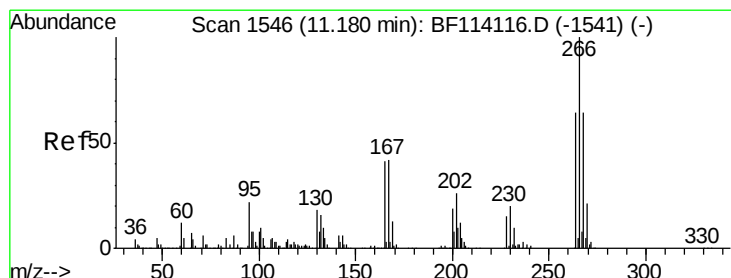
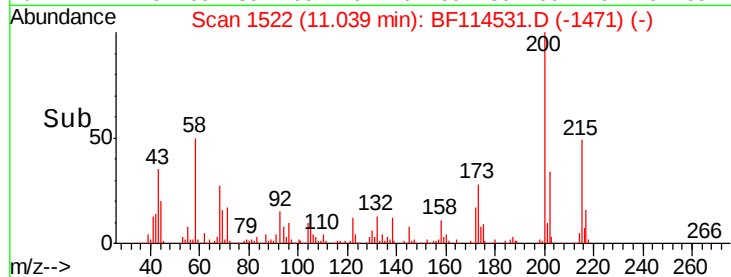
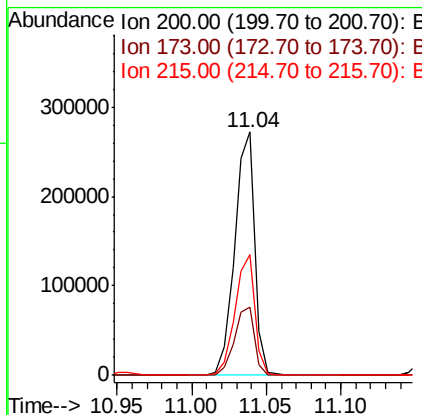
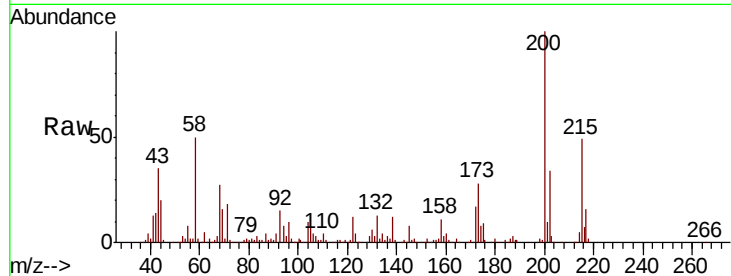




#69
 Atrazine
 Concen: 40.434 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

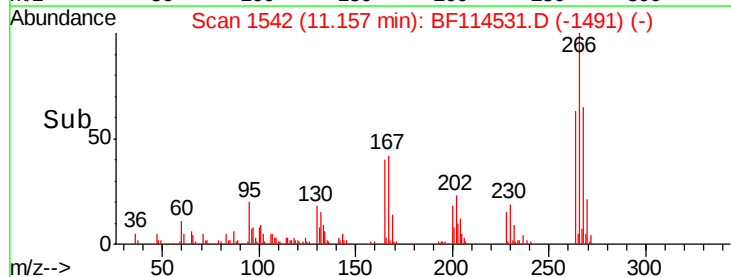
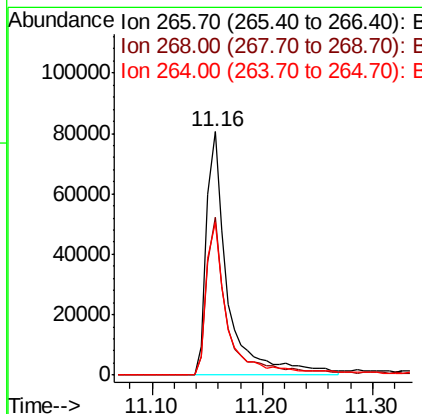
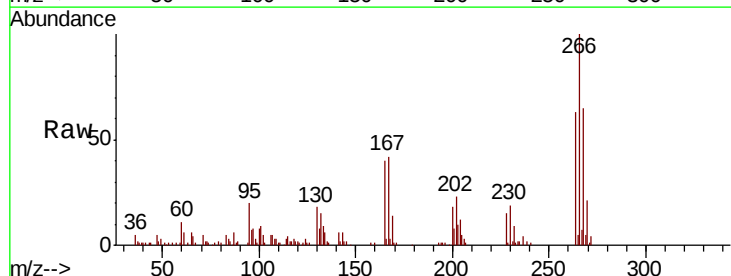
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

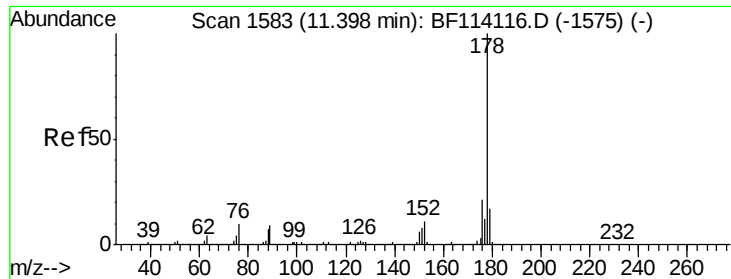
Tot Ion:	200	Resp:	256794
Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.9	48.9
215	49.4	30.7	70.7



#70
 Pentachlorophenol
 Concen: 27.315 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion:	266	Resp:	106053
Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	62.7	51.1	76.7

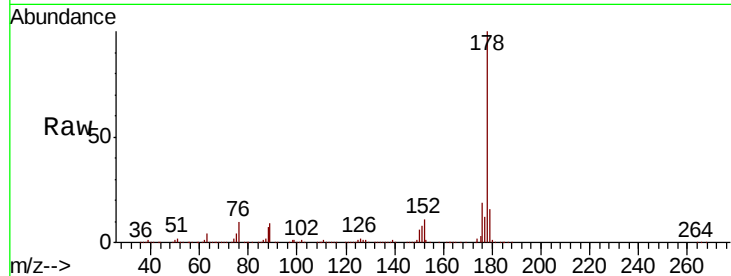




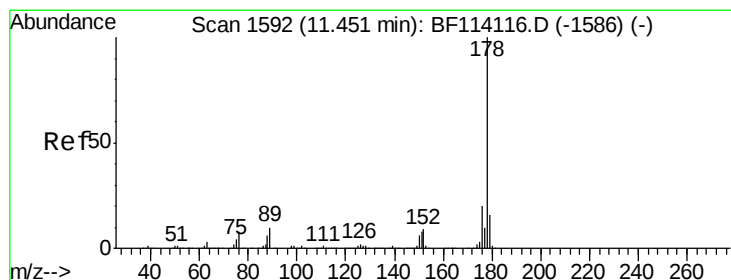
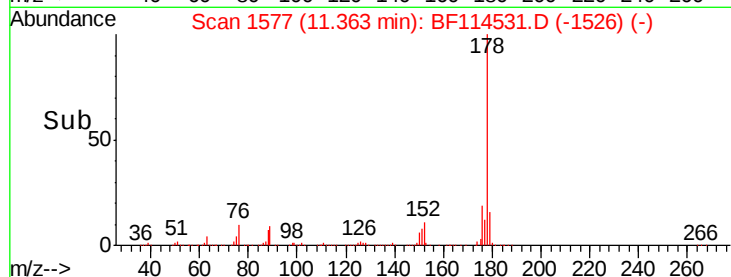
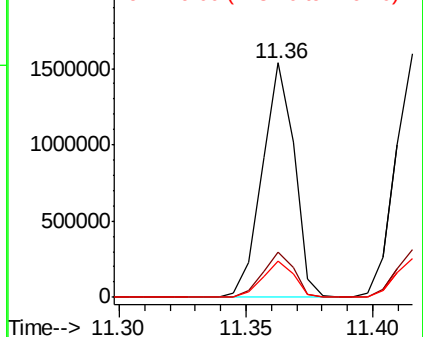
#71
Phenanthrene
Concen: 41.656 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1362743
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 15.6 13.2 19.8

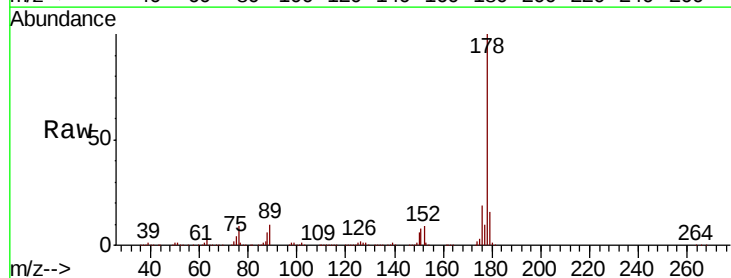


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

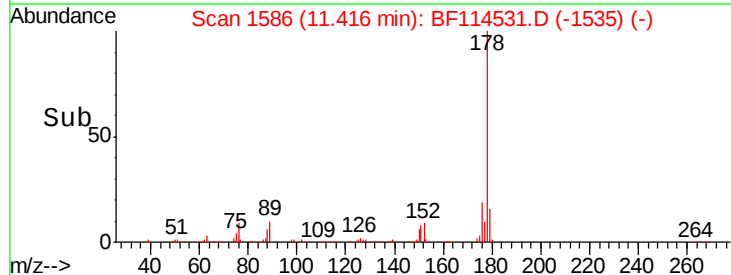
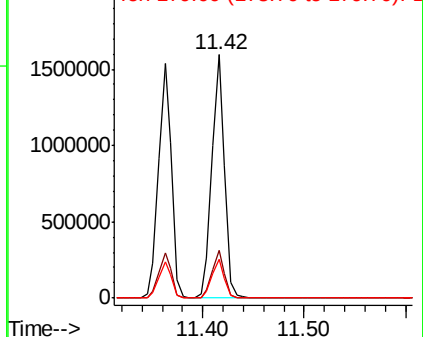


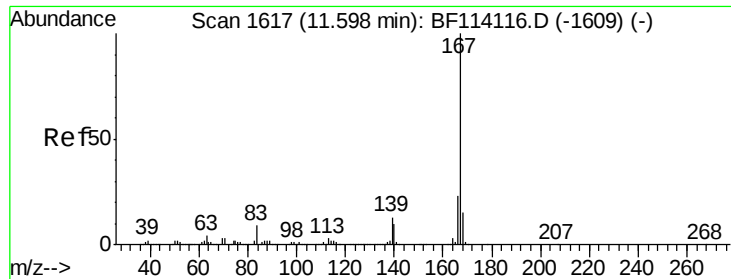
#72
Anthracene
Concen: 41.976 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:178 Resp: 1379299
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 16.1 13.0 19.4



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

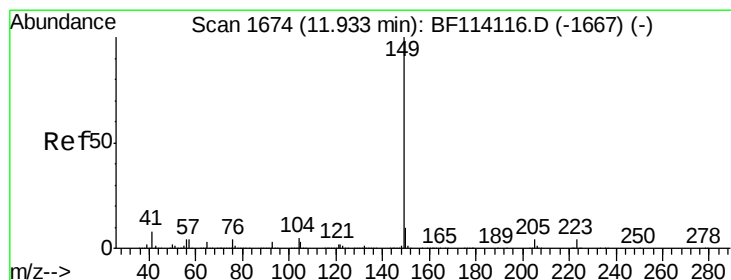
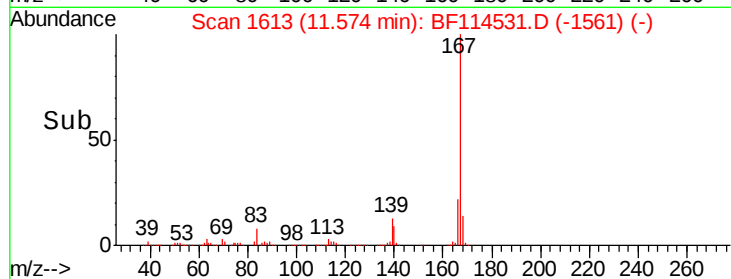
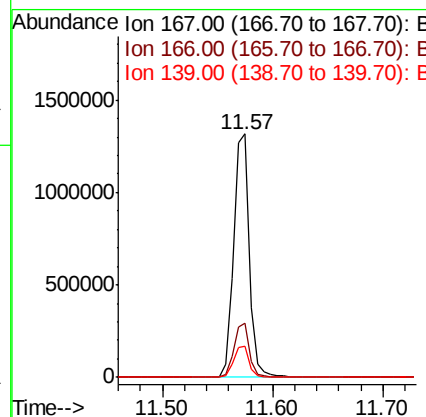
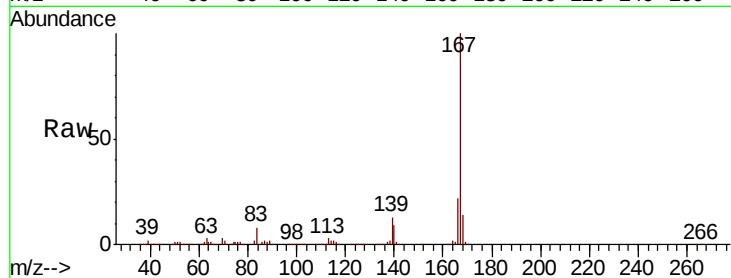




#73
 Carbazole
 Concen: 41.881 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

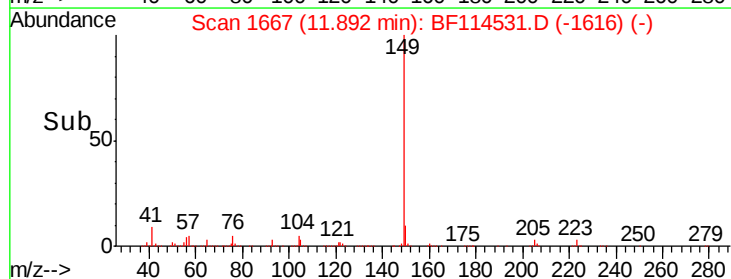
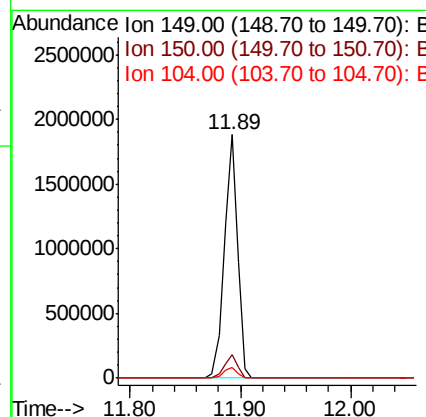
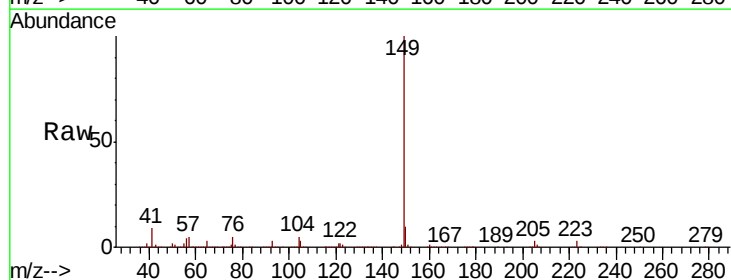
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

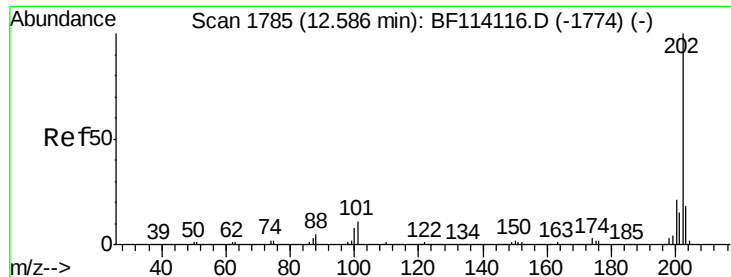
Tot Ion:167 Resp: 1312296
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 12.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.493 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion:149 Resp: 1570079
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 42.182 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

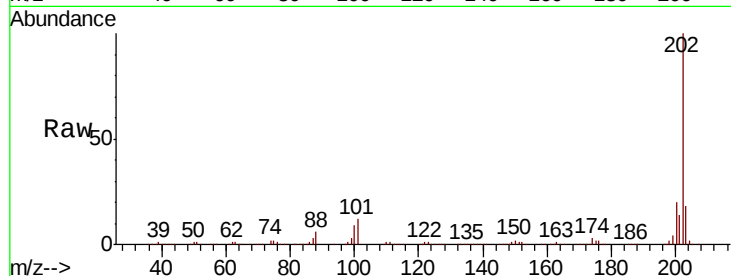
Tot Ion:202 Resp: 1486059

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.0

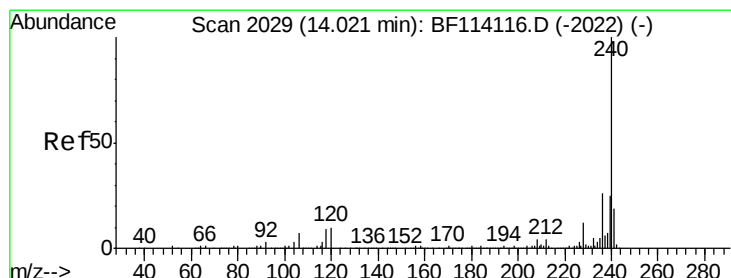
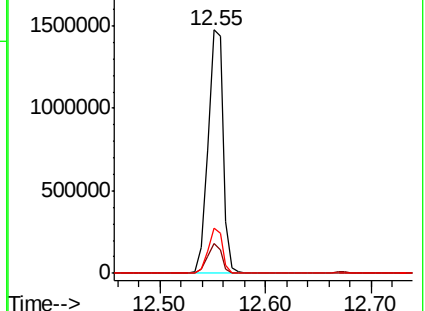
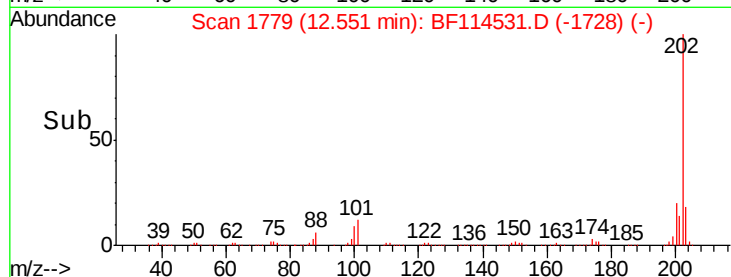
203 18.4 0.0 38.4



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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

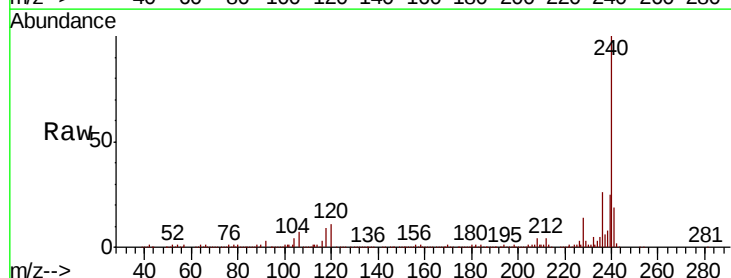
Tgt Ion:240 Resp: 483444

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

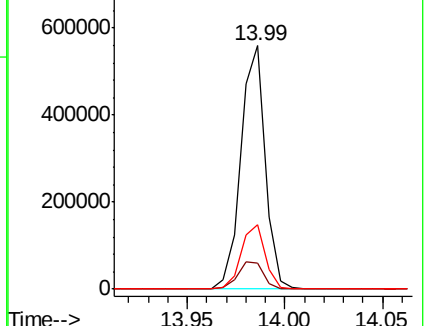
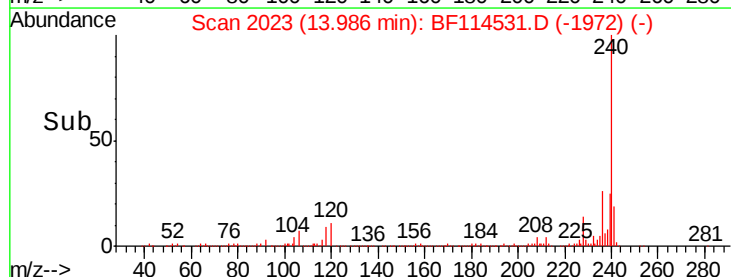
236 26.3 20.8 31.2

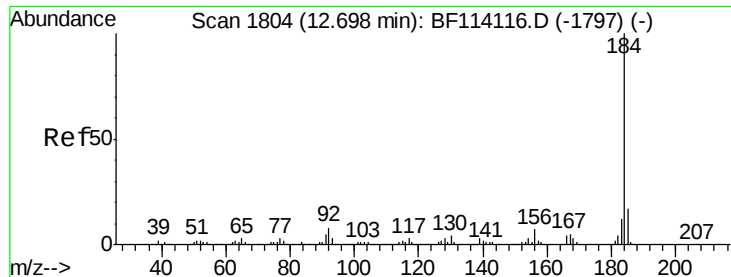


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.415 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

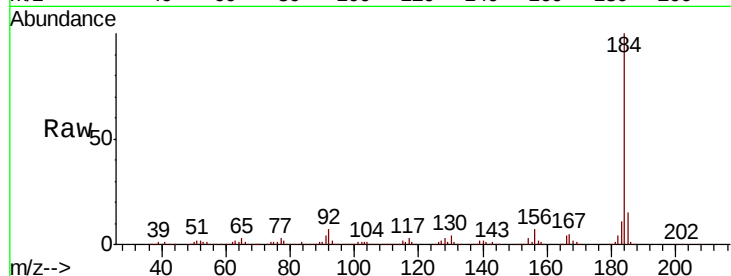
Tot Ion:184 Resp: 985542

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

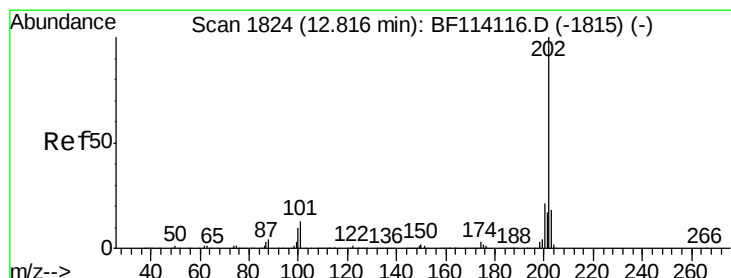
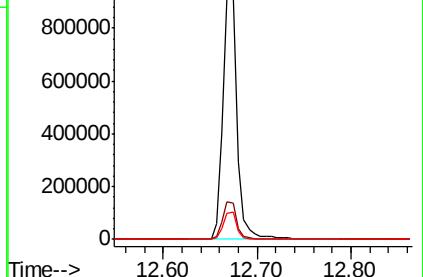
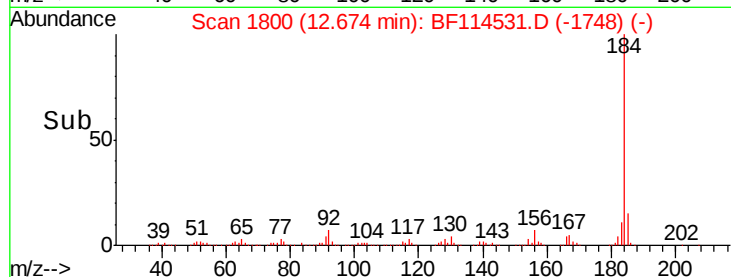
183 11.3 9.2 13.8



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: 38.414 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

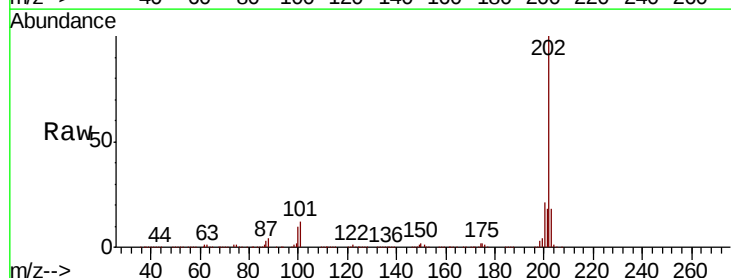
Tgt Ion:202 Resp: 1493946

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

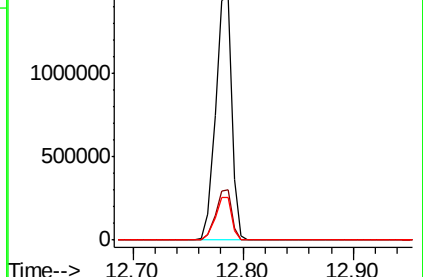
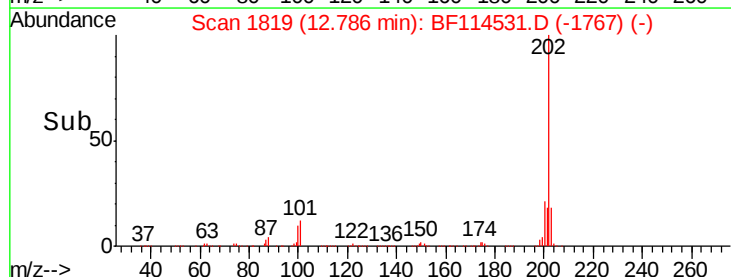
203 17.7 14.5 21.7



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

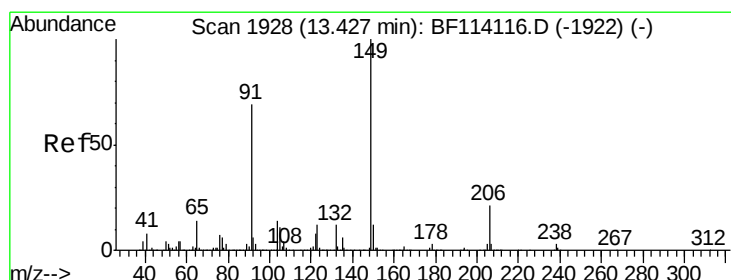
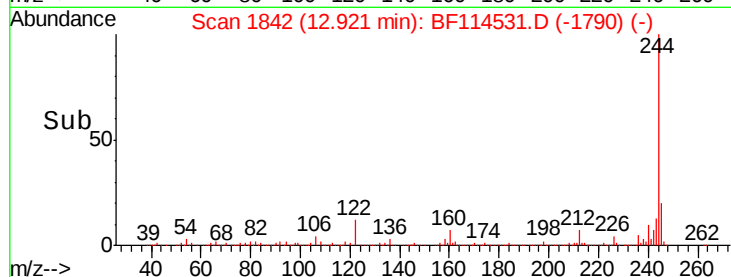
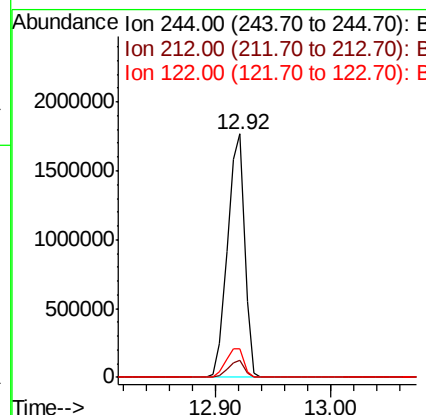
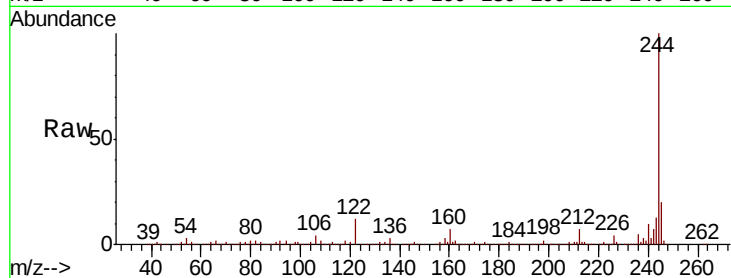




#79
 Terphenyl-d14
 Concen: 77.383 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

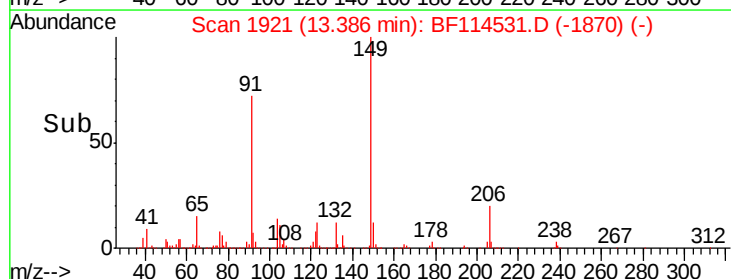
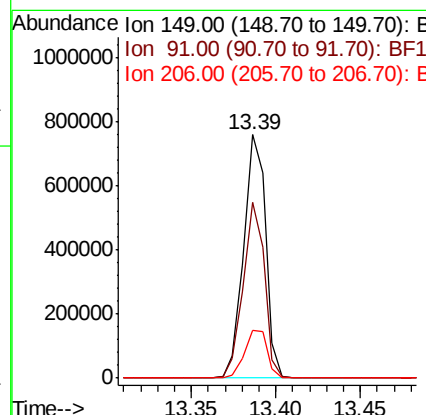
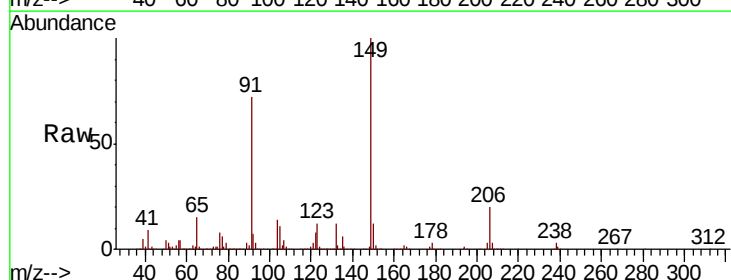
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

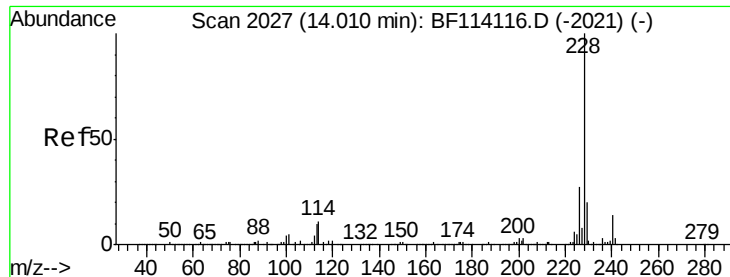
Tot Ion:244 Resp: 1814786
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.7 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 41.925 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF114531.D
 Acq: 23 May 2019 18:24

Tgt Ion:149 Resp: 686292
 Ion Ratio Lower Upper
 149 100
 91 72.0 55.0 82.4
 206 19.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 42.088 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

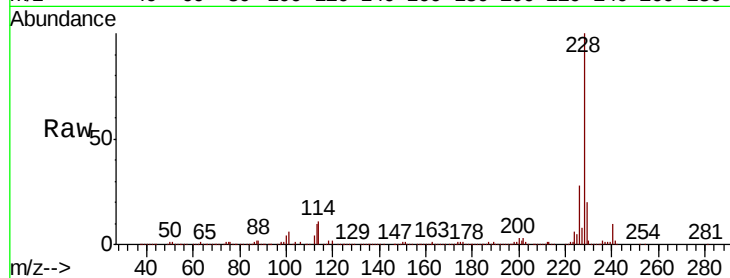
Tot Ion:228 Resp: 1316057

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

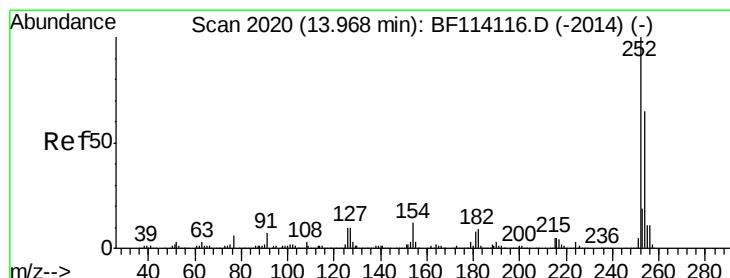
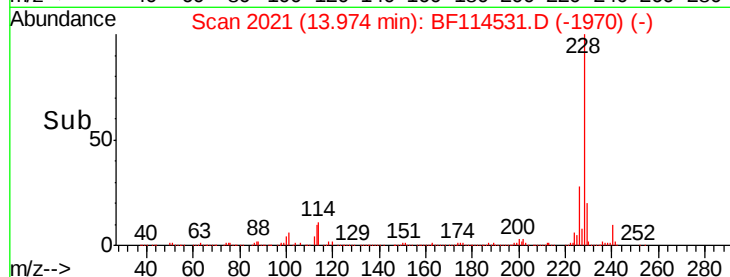
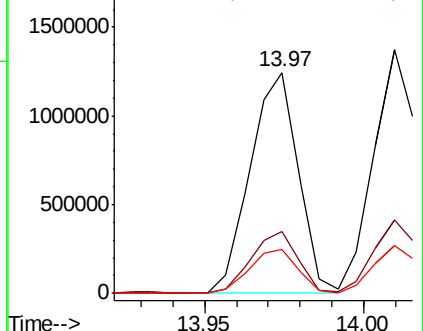
229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.558 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

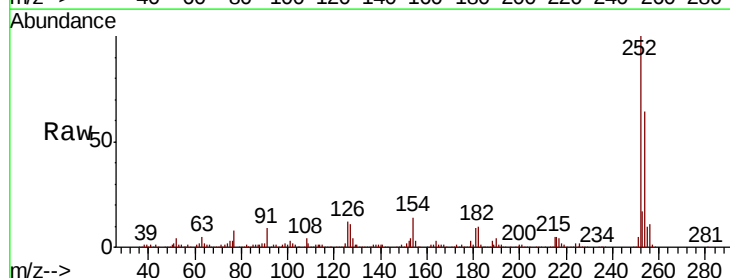
Tgt Ion:252 Resp: 516232

Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

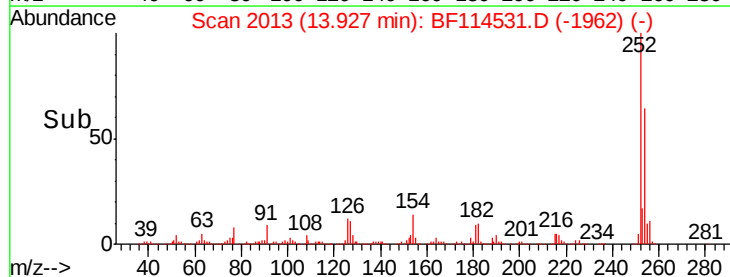
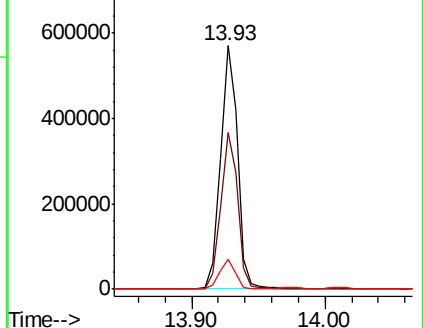
126 12.2 7.9 11.9#

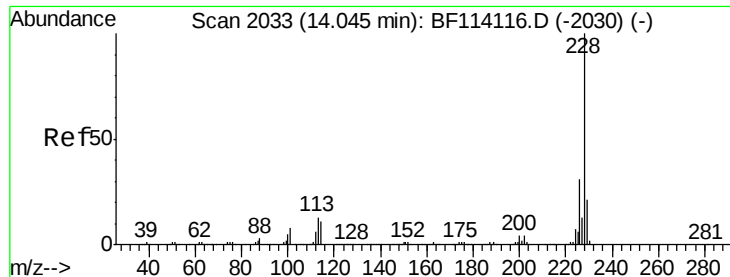


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.476 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

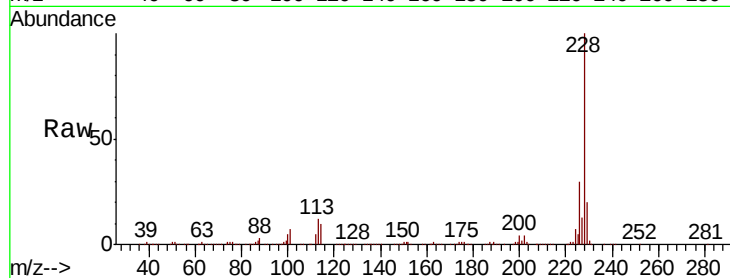
Tot Ion:228 Resp: 1271351

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

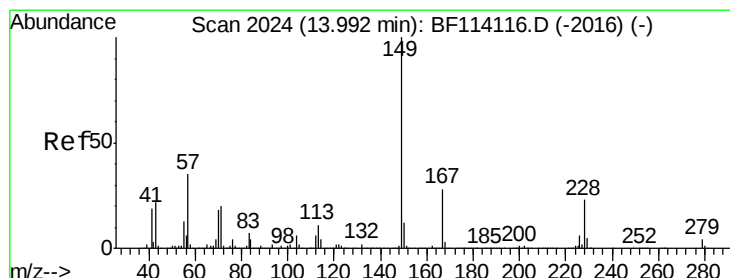
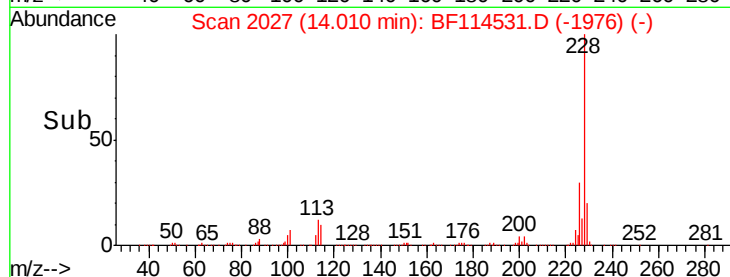
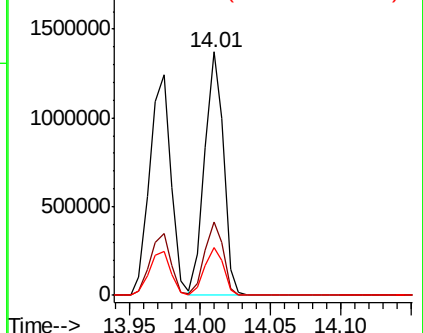
229 19.8 17.0 25.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.316 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

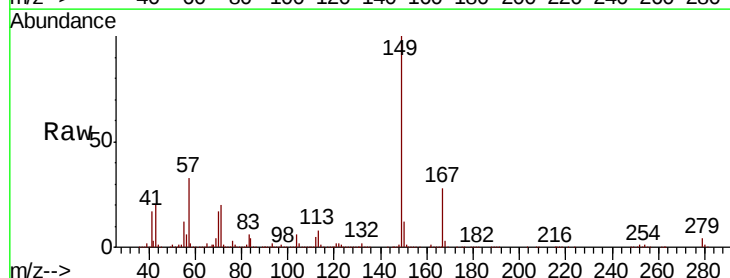
Tgt Ion:149 Resp: 927348

Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

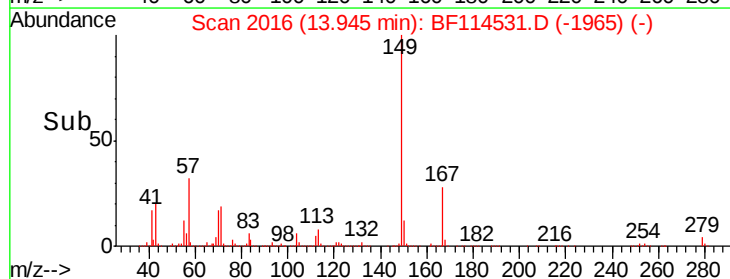
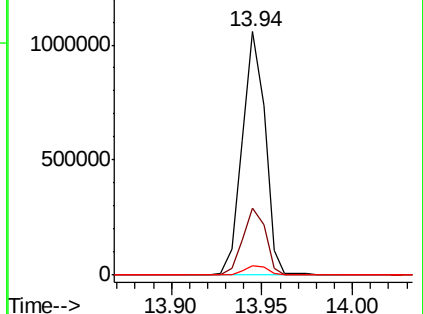
279 3.7 3.0 4.6

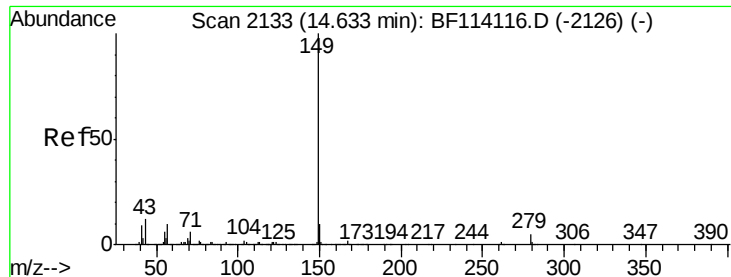


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.517 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

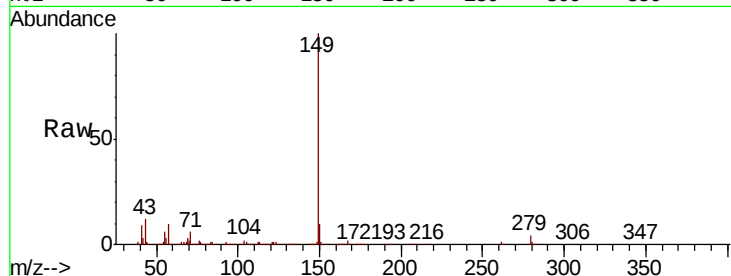
Tot Ion:149 Resp: 1544994

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

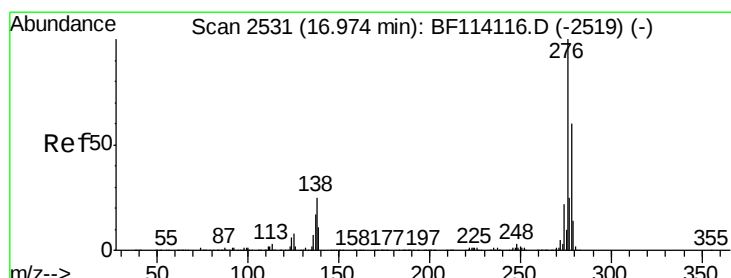
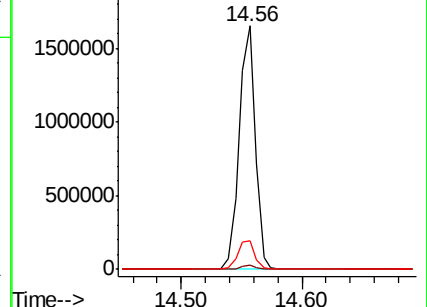
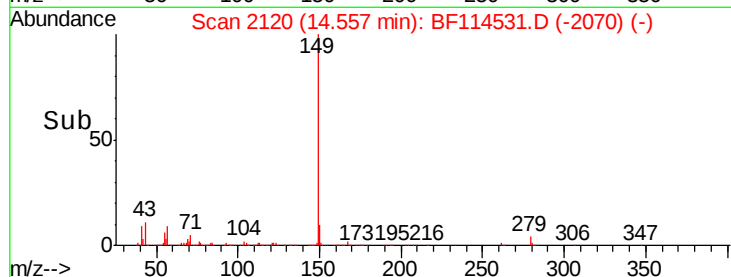
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.159 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

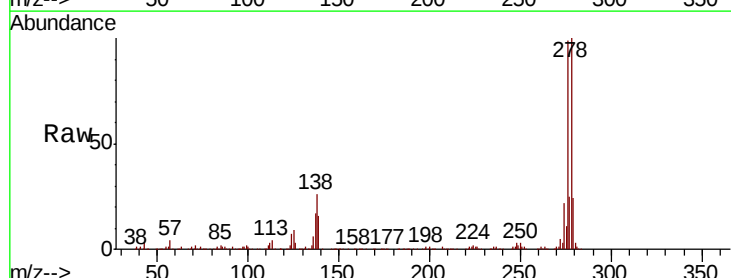
Tgt Ion:276 Resp: 1115003

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

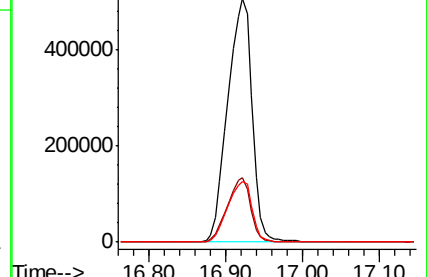
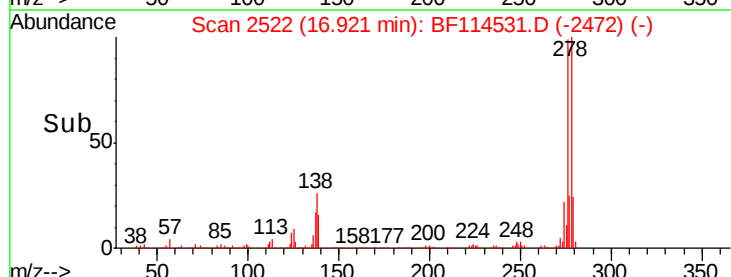
277 24.9 20.0 30.0

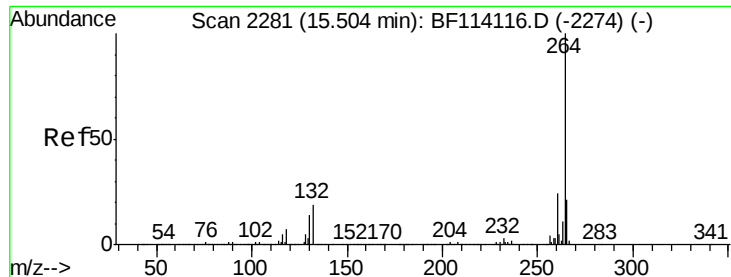


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

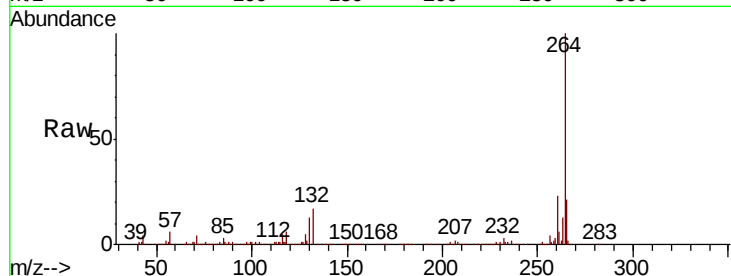
Tot Ion:264 Resp: 505477

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

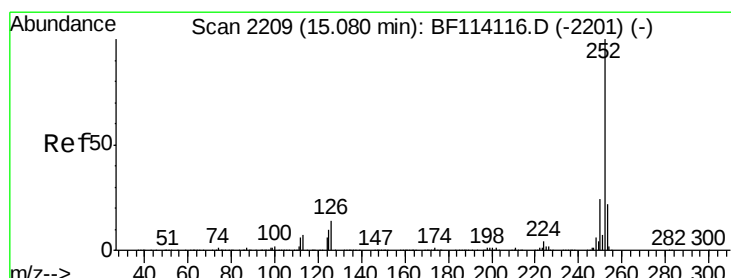
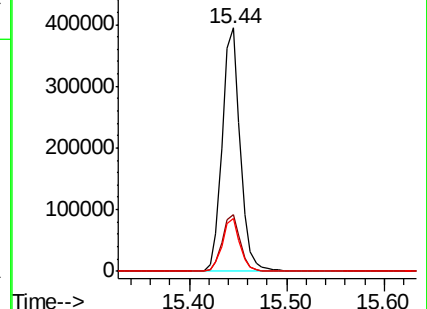
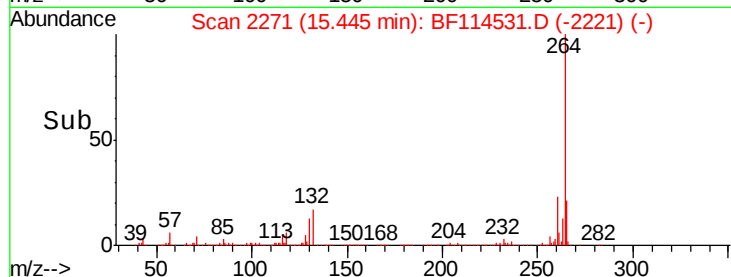
265 21.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.446 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF114531.D

Acq: 23 May 2019 18:24

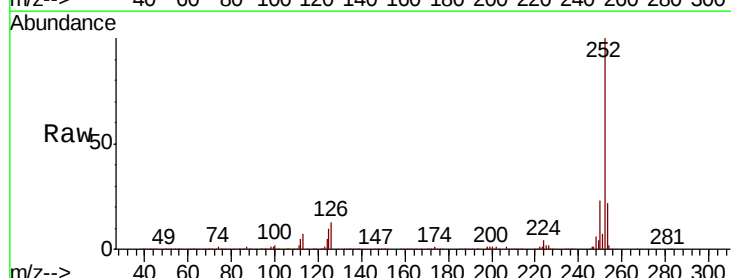
Tgt Ion:252 Resp: 1277398

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

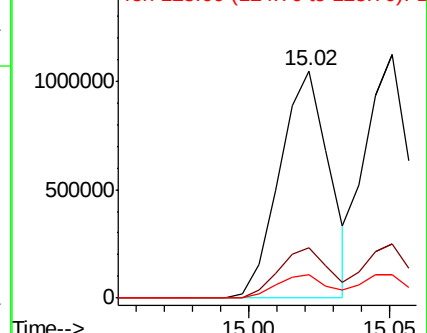
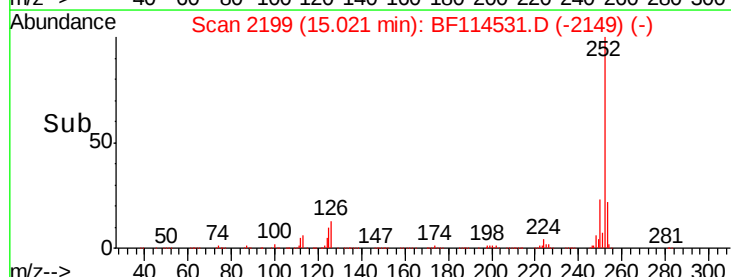
125 10.4 8.3 12.5

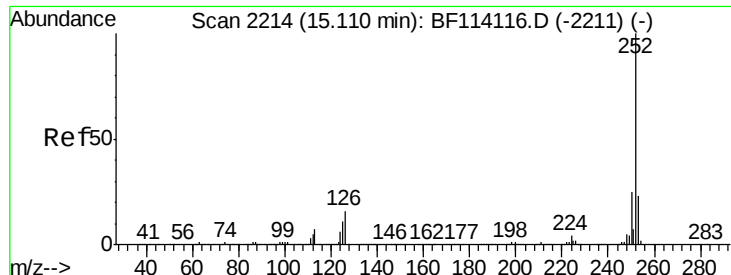


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

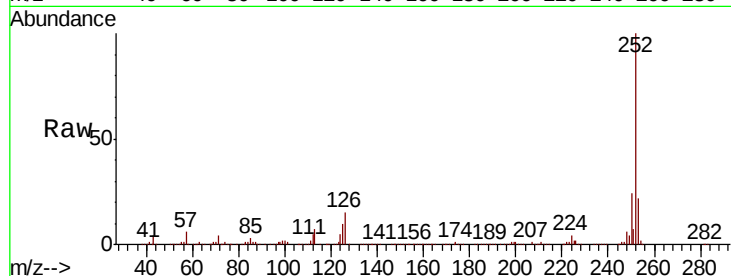




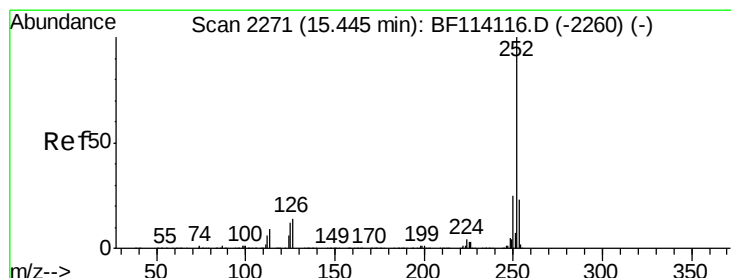
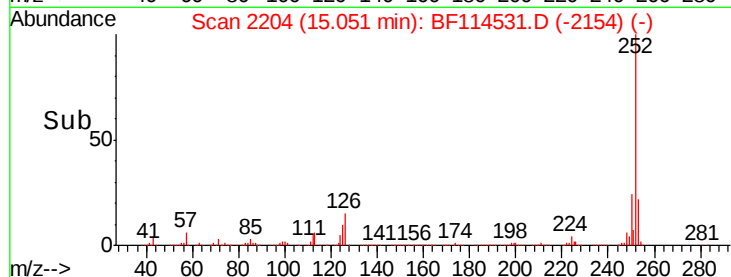
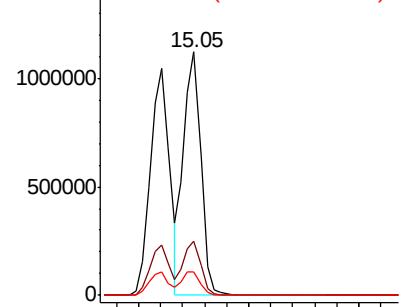
#89
Benzo(k)fluoranthene
Concen: 40.476 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1204080
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.8 8.6 13.0

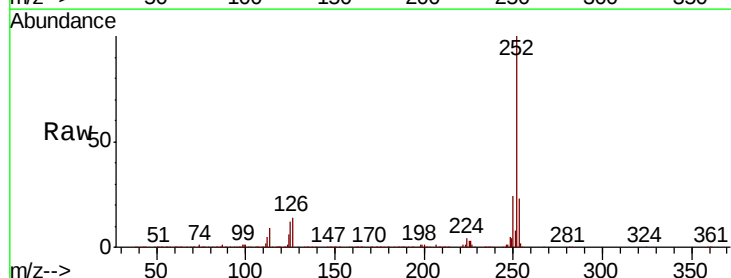


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

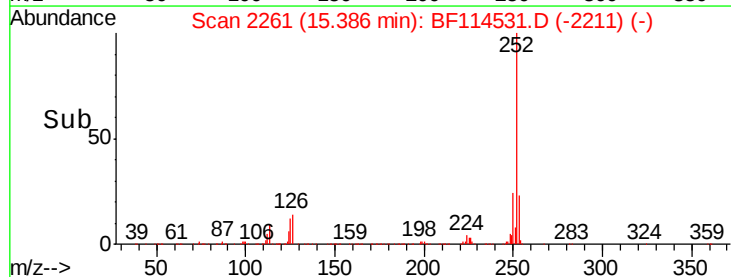
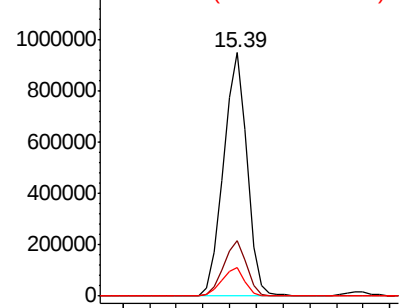


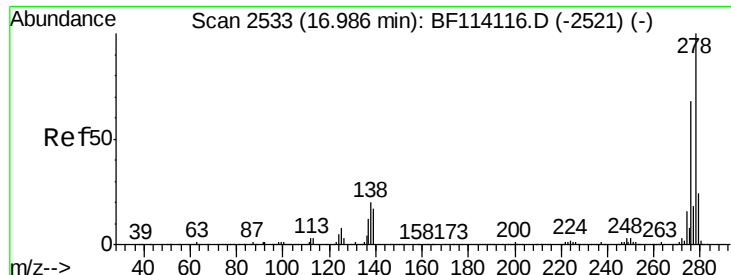
#90
Benzo(a)pyrene
Concen: 40.870 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:252 Resp: 1164812
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.7 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



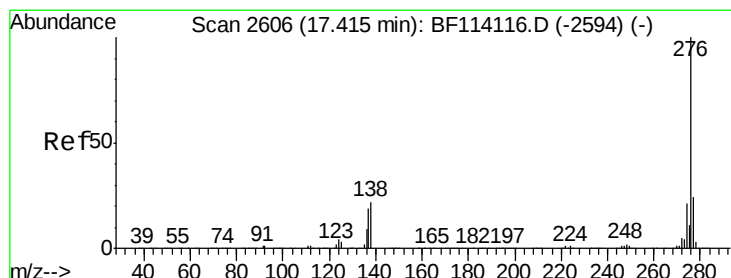
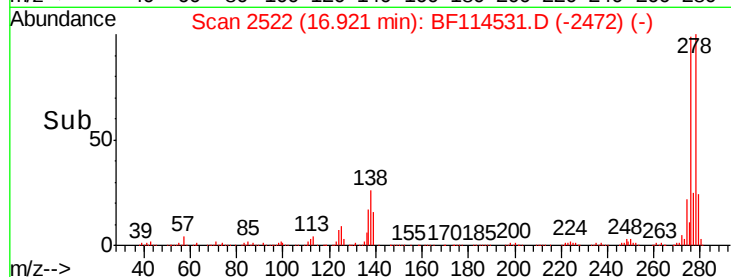
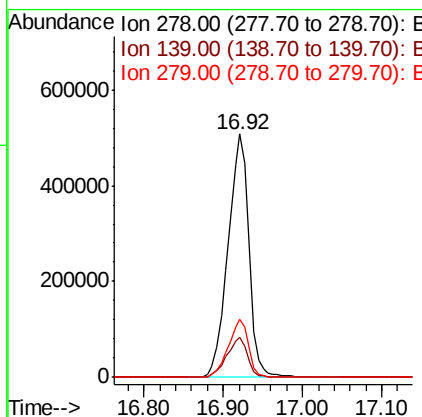
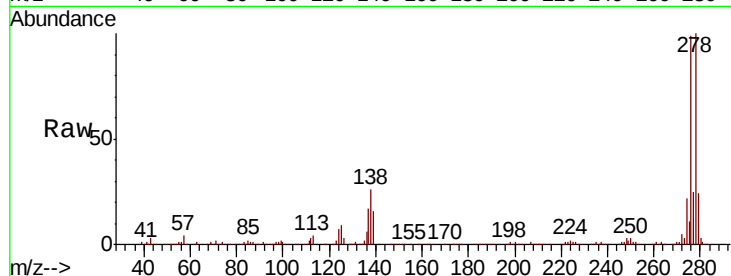


#91
Dibenzo(a,h)anthracene
Concen: 38.972 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 922960

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 37.758 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF114531.D
Acq: 23 May 2019 18:24

Tgt Ion:276 Resp: 896129

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	22.1	17.8	26.6

