

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114022.D
 Acq On : 29 Apr 2019 14:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 29 15:11:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149451	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	597715	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	316982	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	620458	20.00	ng	0.00
76) Chrysene-d12	14.08	240	449425	20.00	ng	0.01
87) Perylene-d12	15.60	264	379172	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	693873	79.41	ng	0.00
7) Phenol-d6	6.53	99	884725	80.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	828004	85.53	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	314640	81.48	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1597294	78.81	ng	0.00
79) Terphenyl-d14	13.00	244	1909798	87.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	154501	37.509	ng	97
3) Pyridine	3.46	79	424866	37.789	ng	98
4) n-Nitrosodimethylamine	3.41	42	146775	38.137	ng	93
6) Aniline	6.56	93	602111	39.997	ng	99
8) 2-Chlorophenol	6.69	128	406945	40.792	ng	95
9) Benzaldehyde	6.45	77	250443	40.414	ng	94
10) Phenol	6.54	94	521148	39.755	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	397821	40.328	ng	99
12) 1,3-Dichlorobenzene	6.84	146	460923	40.794	ng	99
13) 1,4-Dichlorobenzene	6.92	146	464950	40.913	ng	100
14) 1,2-Dichlorobenzene	7.07	146	429262	41.101	ng	100
15) Benzyl Alcohol	7.03	79	353098	47.823	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	444393	38.591	ng	93
17) 2-Methylphenol	7.15	107	336867	38.522	ng	98
18) Hexachloroethane	7.41	117	165920	41.649	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	286876	40.408	ng	97
20) 3+4-Methylphenols	7.30	107	404101	40.901	ng	# 88
22) Acetophenone	7.30	105	538001	40.448	ng	# 93
24) Nitrobenzene	7.47	77	445232	41.624	ng	99
25) Isophorone	7.72	82	785830	39.672	ng	99
26) 2-Nitrophenol	7.79	139	226595	46.435	ng	96
27) 2,4-Dimethylphenol	7.83	122	306055	38.495	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	504268	39.951	ng	99
29) 2,4-Dichlorophenol	8.03	162	366921	40.358	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	409492	40.394	ng	97
31) Naphthalene	8.20	128	1156545	40.731	ng	99
32) Benzoic acid	7.96	122	250654	46.684	ng	97
33) 4-Chloroaniline	8.24	127	481344	40.063	ng	99
34) Hexachlorobutadiene	8.32	225	259748	41.103	ng	99
35) Caprolactam	8.62	113	113687	39.309	ng	88
36) 4-Chloro-3-methylphenol	8.72	107	366742	40.716	ng	99
37) 2-Methylnaphthalene	8.89	142	772254	40.331	ng	98
38) 1-Methylnaphthalene	8.99	142	745317	40.329	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	410857	39.902	ng	100

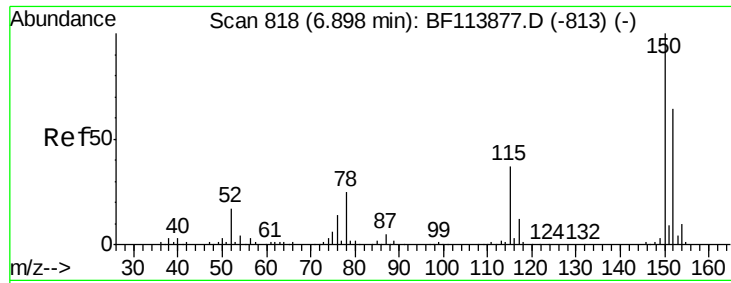
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	216285	37.668	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	264493	40.453	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	295686	40.319	ng	99
46) 1,1'-Biphenyl	9.35	154	974890	40.260	ng	98
47) 2-Chloronaphthalene	9.37	162	791254	40.181	ng	97
48) 2-Nitroaniline	9.47	65	222641	43.129	ng	88
49) Acenaphthylene	9.79	152	1238415	40.171	ng	99
50) Dimethylphthalate	9.65	163	925246	40.360	ng	99
51) 2,6-Dinitrotoluene	9.71	165	214584	43.631	ng	100
52) Acenaphthene	9.96	154	745919	40.942	ng	97
53) 3-Nitroaniline	9.88	138	217958	42.173	ng	89
54) 2,4-Dinitrophenol	9.98	184	96644	49.014	ng	# 4
55) Dibenzofuran	10.13	168	1098378	40.247	ng	97
56) 4-Nitrophenol	10.03	139	174584	42.665	ng	97
57) 2,4-Dinitrotoluene	10.11	165	284257	45.790	ng	96
58) Fluorene	10.48	166	834834	40.631	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	252688	39.208	ng	99
60) Diethylphthalate	10.35	149	878322	40.346	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	439580	40.397	ng	99
62) 4-Nitroaniline	10.49	138	220927	43.805	ng	97
63) Azobenzene	10.63	77	839489	39.788	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	135557	47.717	ng	96
66) n-Nitrosodiphenylamine	10.59	169	737721	39.626	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	294352	39.271	ng	97
68) Hexachlorobenzene	11.03	284	324612	39.411	ng	98
69) Atrazine	11.11	200	241134	39.816	ng	99
70) Pentachlorophenol	11.22	266	195056	41.826	ng	97
71) Phenanthrene	11.44	178	1250047	40.089	ng	100
72) Anthracene	11.49	178	1275418	40.505	ng	99
73) Carbazole	11.64	167	1143854	40.718	ng	100
74) Di-n-butylphthalate	11.97	149	1377752	41.693	ng	99
75) Fluoranthene	12.63	202	1330065	39.097	ng	97
77) Benzidine	12.74	184	500586	37.383	ng	98
78) Pyrene	12.86	202	1342131	42.704	ng	99
80) Butylbenzylphthalate	13.47	149	568823	46.000	ng	94
81) Benzo(a)anthracene	14.07	228	1168182	44.117	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	444238	45.772	ng	99
83) Chrysene	14.10	228	1137055	44.092	ng	98
84) Bis(2-ethylhexyl)phthalate	14.05	149	740146	47.044	ng	99
85) Di-n-octyl phthalate	14.71	149	1156838	46.977	ng	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	866197	35.460	ng	98
88) Benzo(b)fluoranthene	15.16	252	1036969	43.225	ng	99
89) Benzo(k)fluoranthene	15.20	252	859694	41.661	ng	98
90) Benzo(a)pyrene	15.54	252	860617	41.475	ng	99
91) Dibenzo(a,h)anthracene	17.12	278	712580	36.583	ng	99
92) Benzo(g,h,i)perylene	17.54	276	699046	35.562	ng	98

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

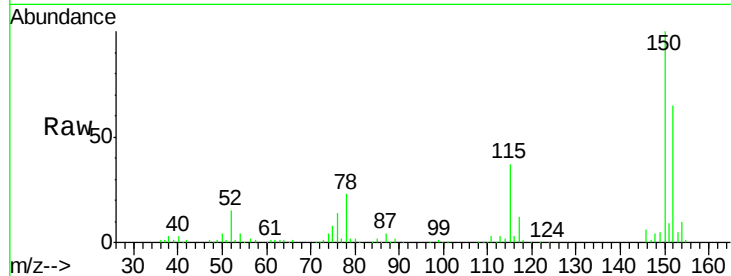


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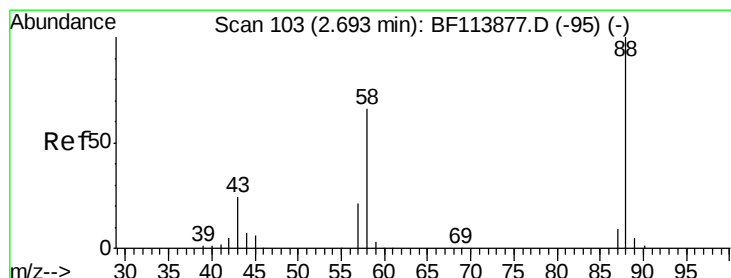
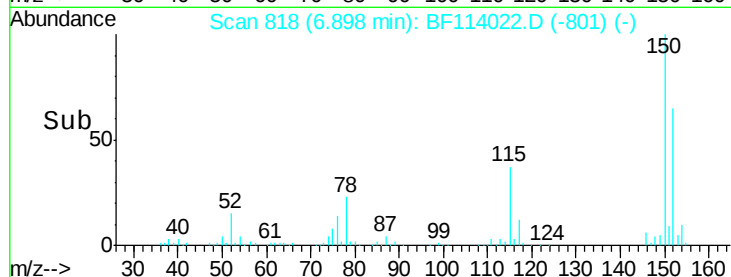
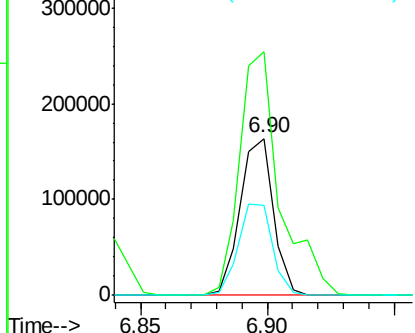
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 152 Resp: 149451
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 57.7 45.9 68.9



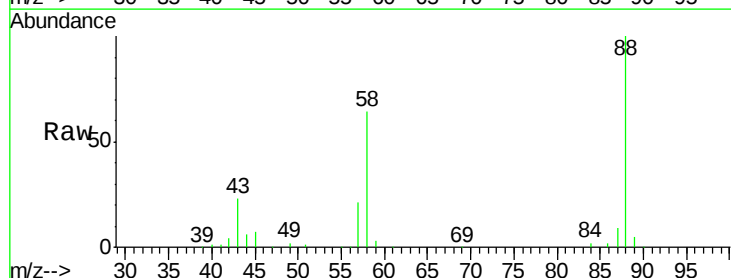
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



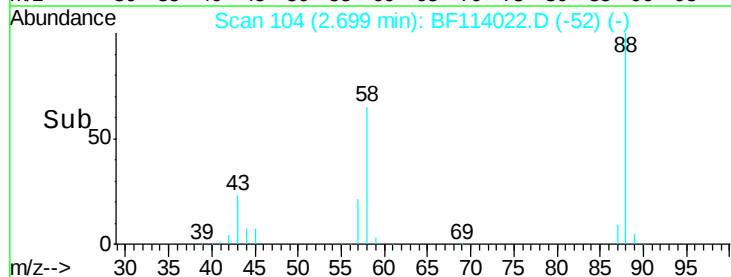
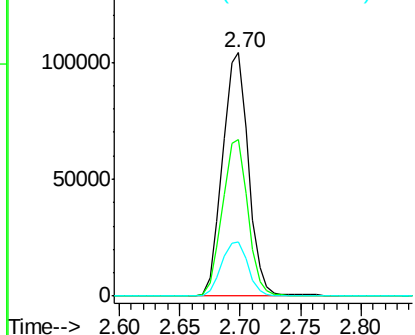
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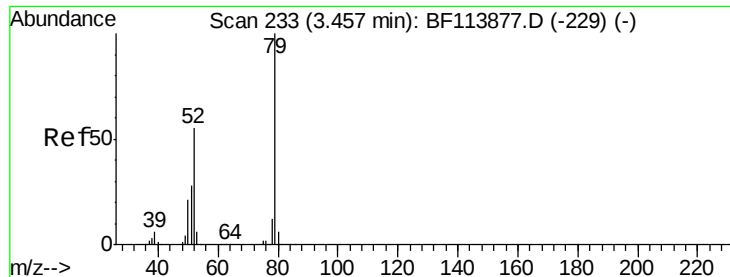
1,4-Dioxane
Concen: 37.509 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion: 88 Resp: 154501
Ion Ratio Lower Upper
88 100
58 63.3 53.3 79.9
43 22.9 19.0 28.4



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





#3

Pyridine

Concen: 37.789 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

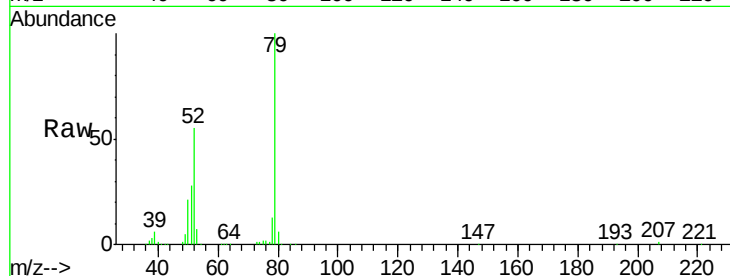
Tgt Ion: 79 Resp: 424866

Ion Ratio Lower Upper

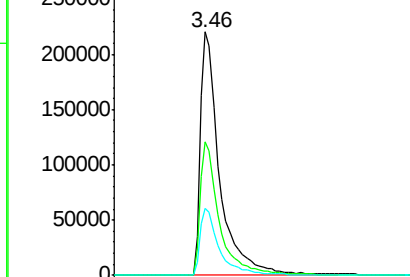
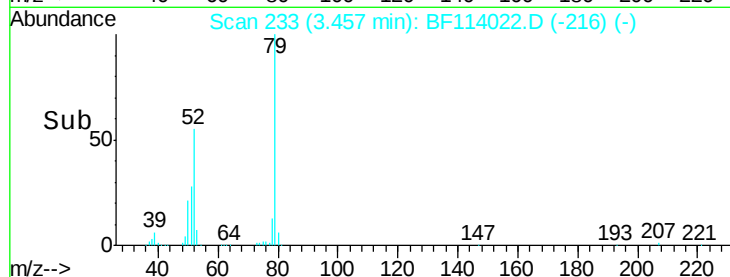
79 100

52 54.7 45.3 67.9

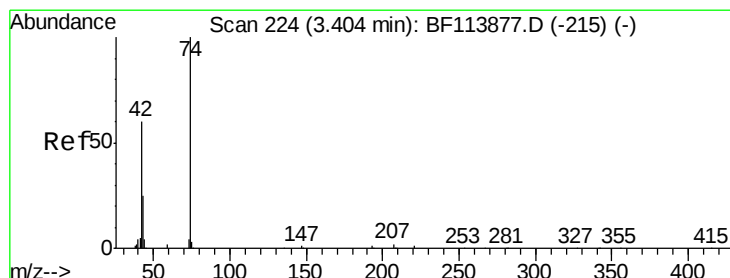
51 27.5 22.1 33.1



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



Time-->



#4

n-Nitrosodimethylamine

Concen: 38.137 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

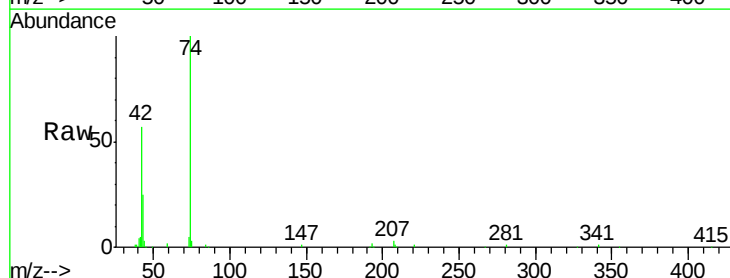
Tgt Ion: 42 Resp: 146775

Ion Ratio Lower Upper

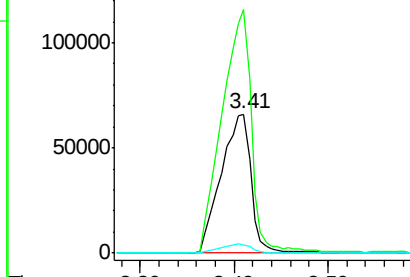
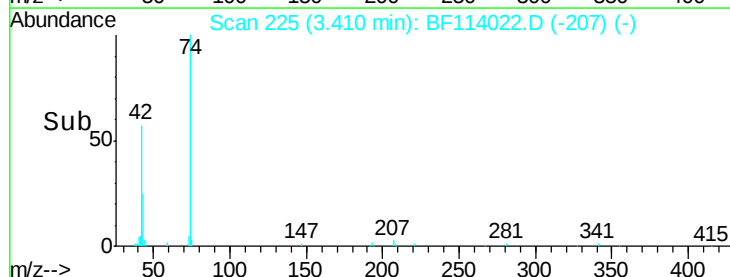
42 100

74 175.4 132.6 198.8

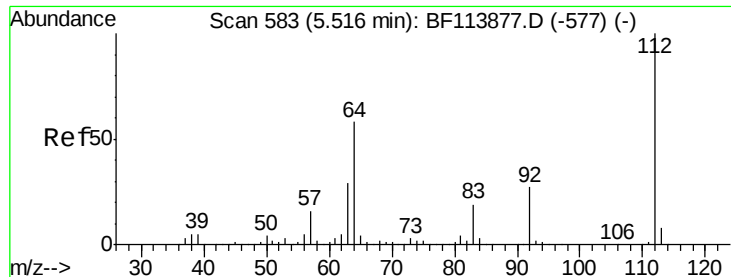
44 6.0 5.8 8.8



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



Time-->



#5

2-Fluorophenol

Concen: 79.409 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

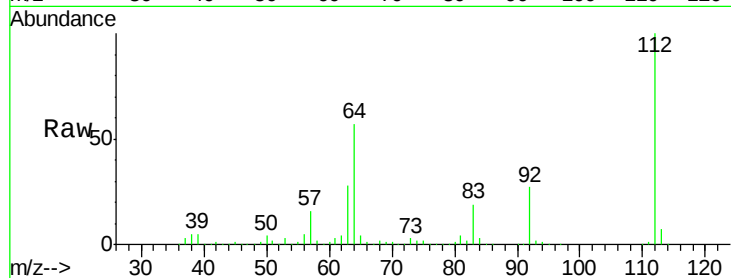
Tgt Ion: 112 Resp: 693873

Ion Ratio Lower Upper

112 100

64 56.6 46.6 69.8

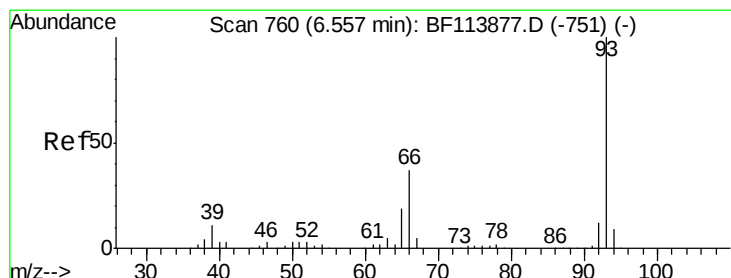
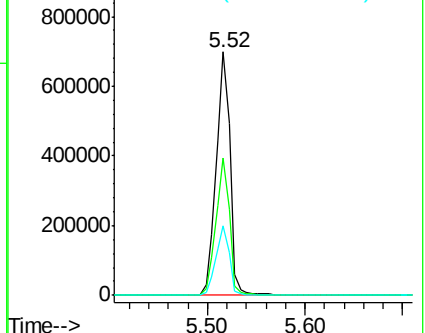
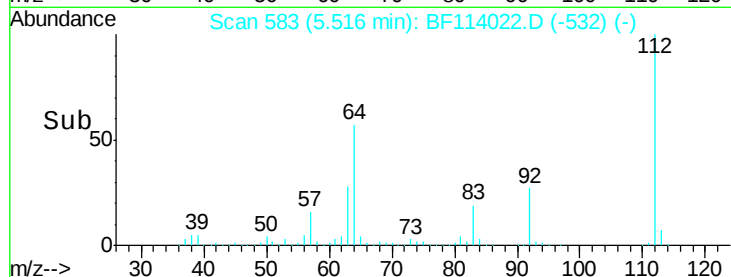
63 28.5 23.1 34.7



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: 39.997 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

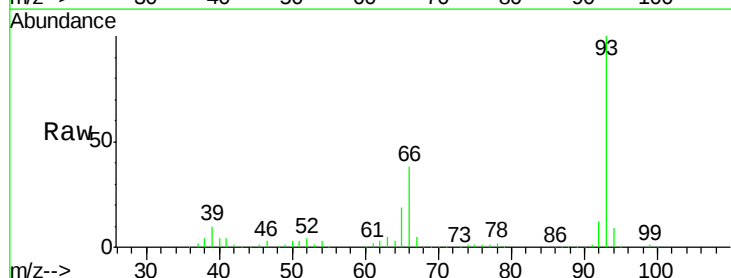
Tgt Ion: 93 Resp: 602111

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.6

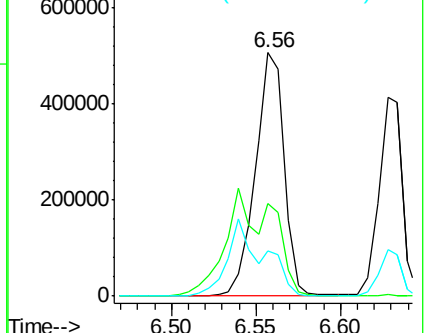
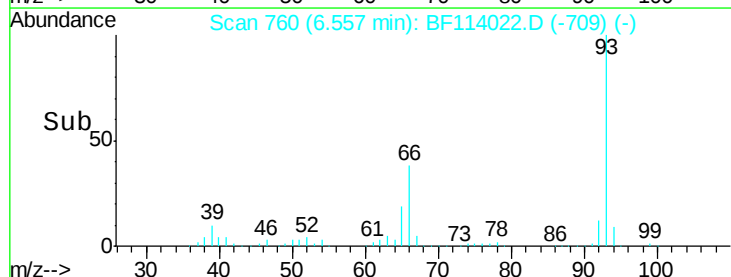
65 18.8 14.9 22.3

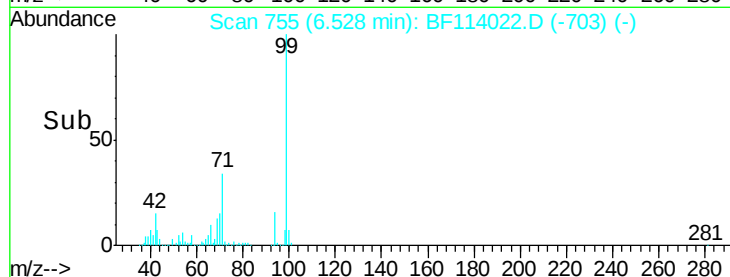
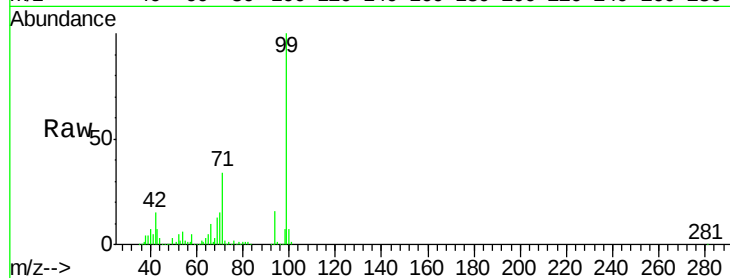
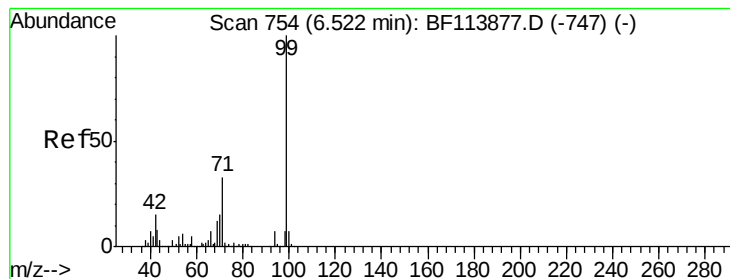


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.702 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

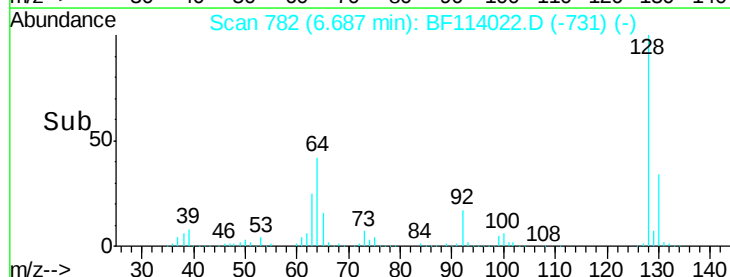
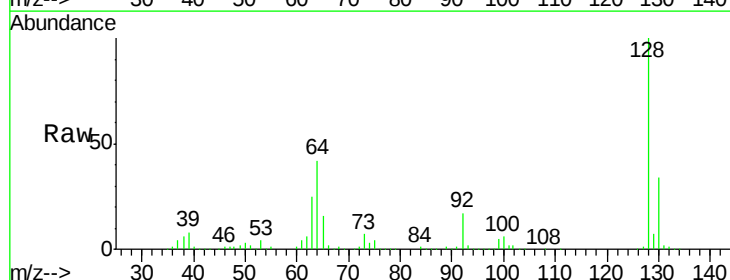
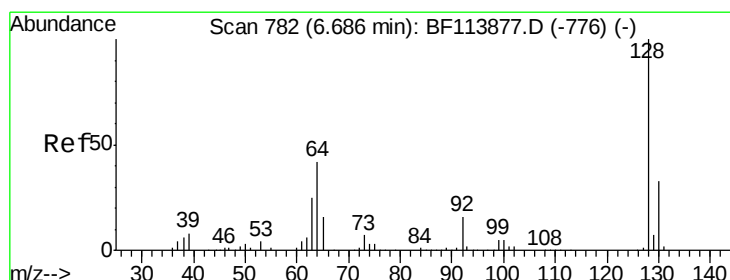
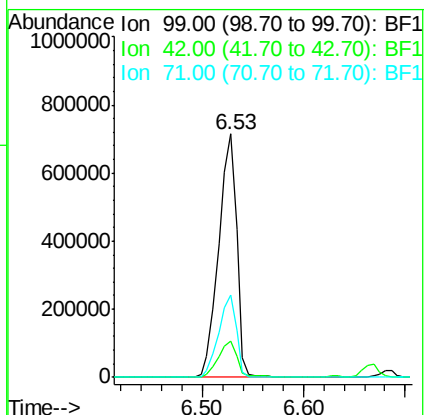
Tgt Ion: 99 Resp: 884725

Ion Ratio Lower Upper

99 100

42 14.8 12.5 18.7

71 34.1 26.9 40.3



#8

2-Chlorophenol

Concen: 40.792 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

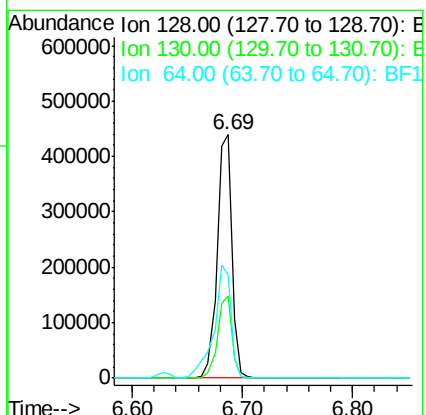
Tgt Ion: 128 Resp: 406945

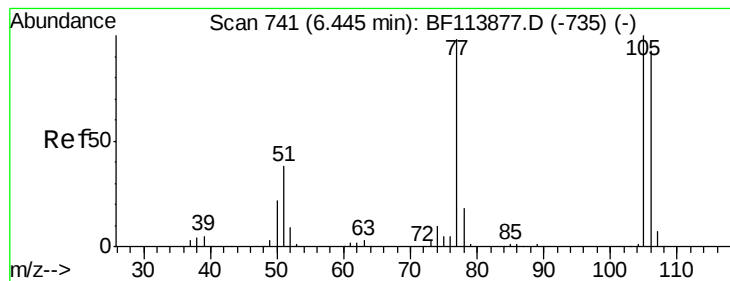
Ion Ratio Lower Upper

128 100

130 34.0 12.3 52.3

64 42.3 26.1 66.1





#9

Benzaldehyde

Concen: 40.414 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

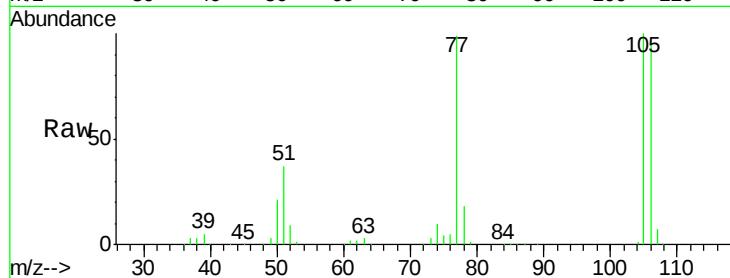
Tgt Ion: 77 Resp: 250443

Ion Ratio Lower Upper

77 100

105 100.6 74.1 114.1

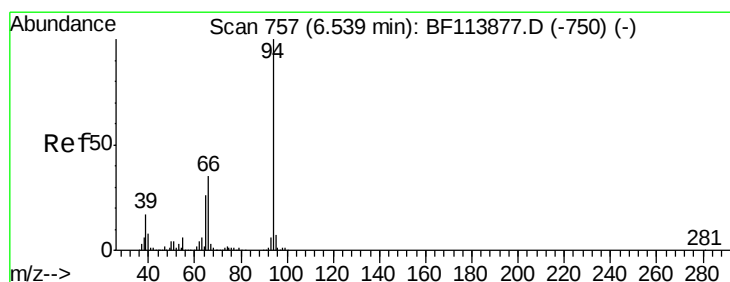
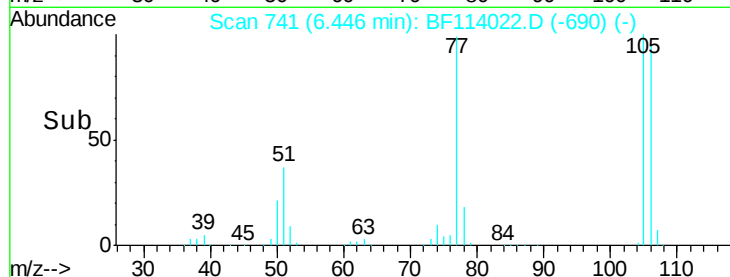
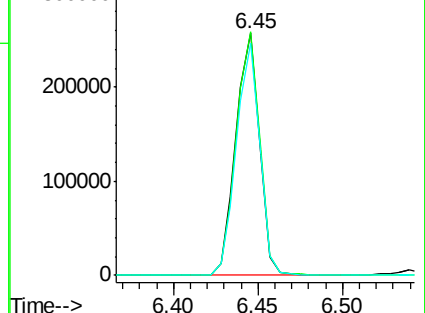
106 95.9 70.3 110.3



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: 39.755 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

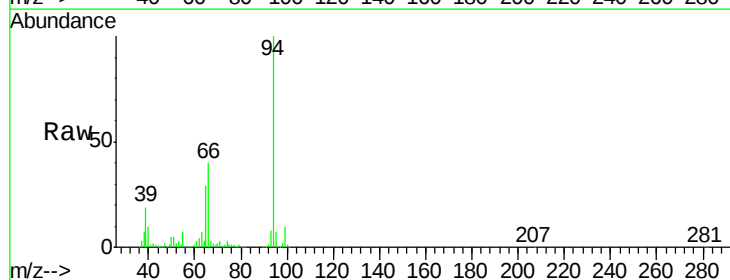
Tgt Ion: 94 Resp: 521148

Ion Ratio Lower Upper

94 100

65 28.6 8.1 48.1

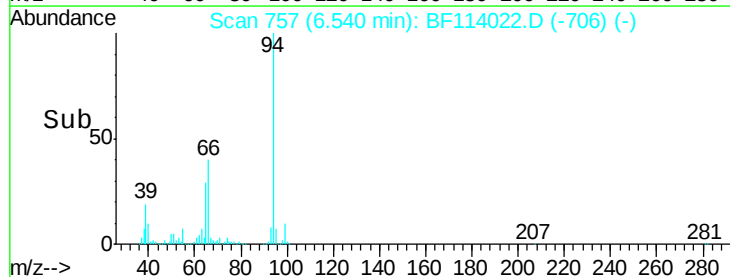
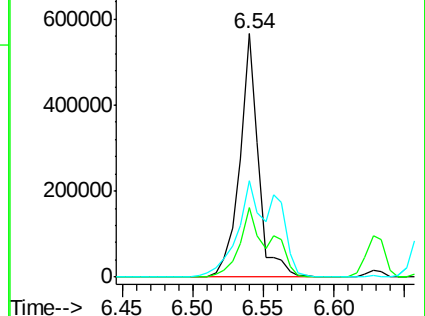
66 39.6 16.6 56.6

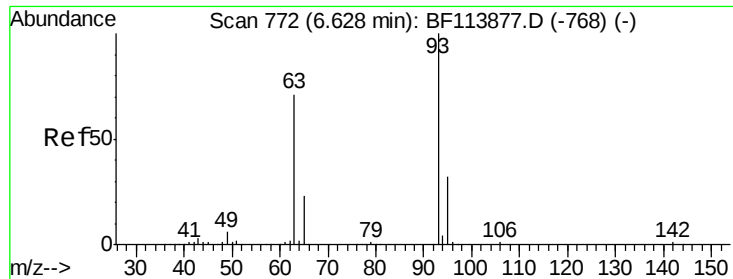


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

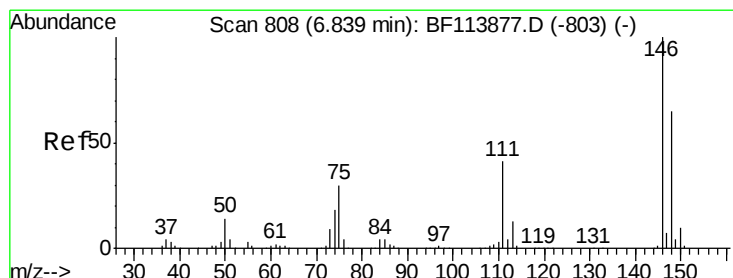
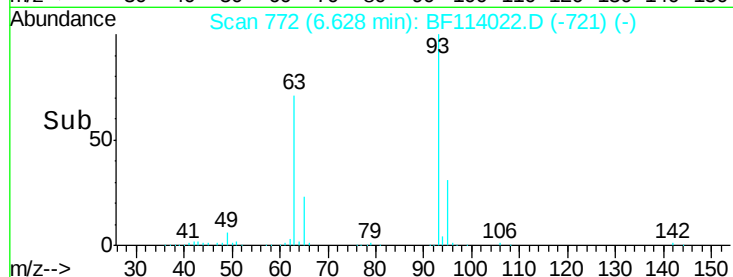
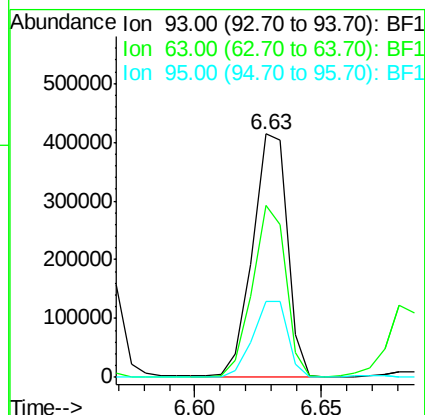
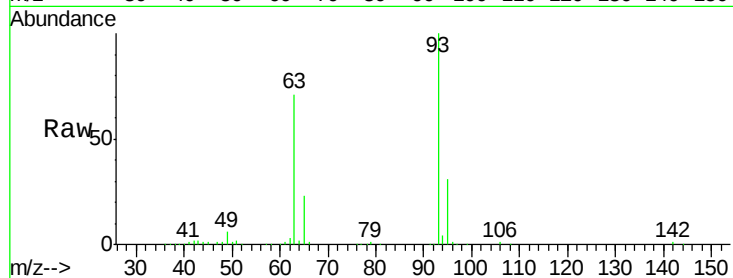




#11
bis(2-Chloroethyl)ether
Concen: 40.328 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

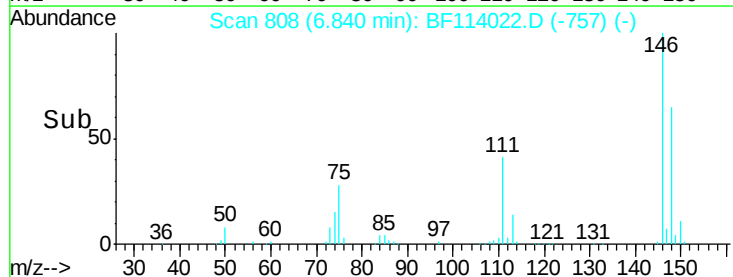
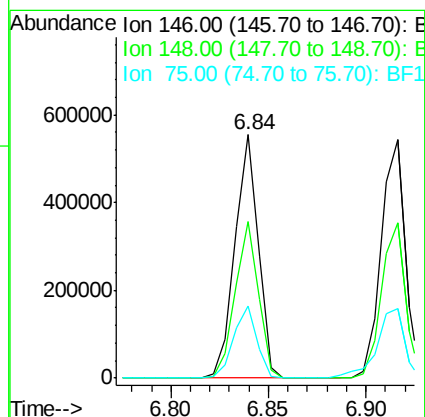
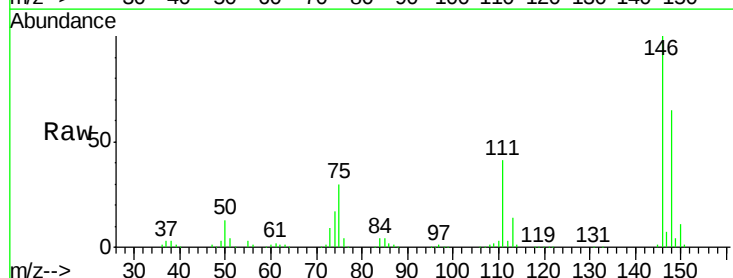
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

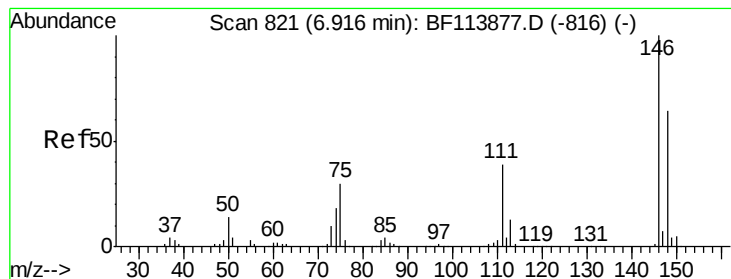
Tgt Ion: 93 Resp: 397821
Ion Ratio Lower Upper
93 100
63 70.5 50.7 90.7
95 31.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.794 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion: 146 Resp: 460923
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
75 29.6 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 40.913 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

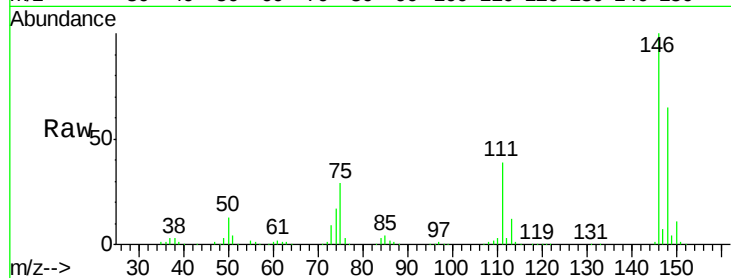
Tgt Ion:146 Resp: 464950

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

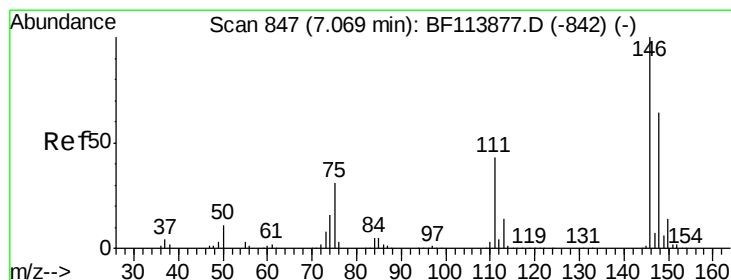
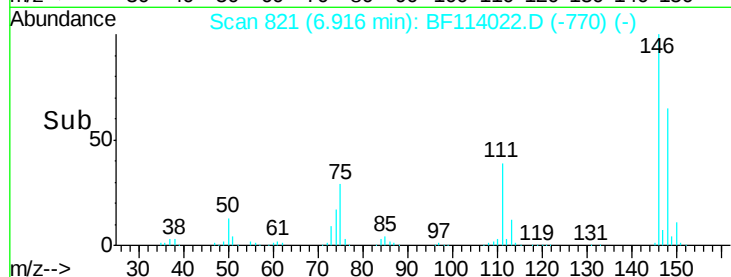
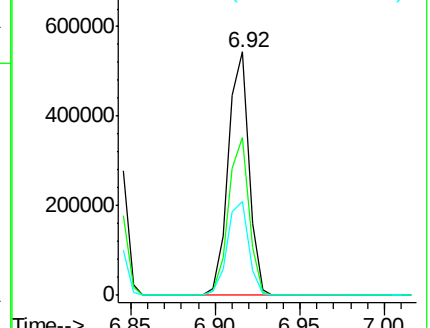
111 38.8 30.9 46.3



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: 41.101 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

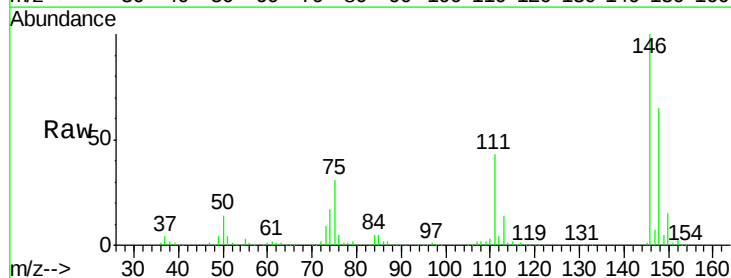
Tgt Ion:146 Resp: 429262

Ion Ratio Lower Upper

146 100

148 65.2 52.1 78.1

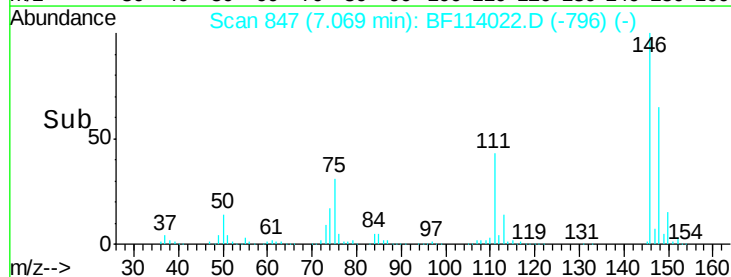
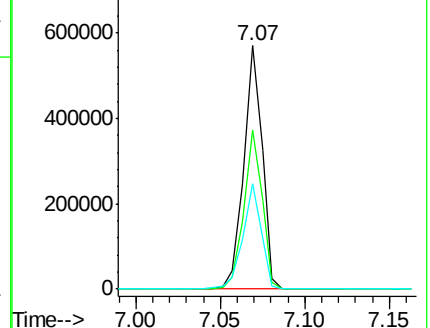
111 43.3 34.2 51.4



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: 47.823 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

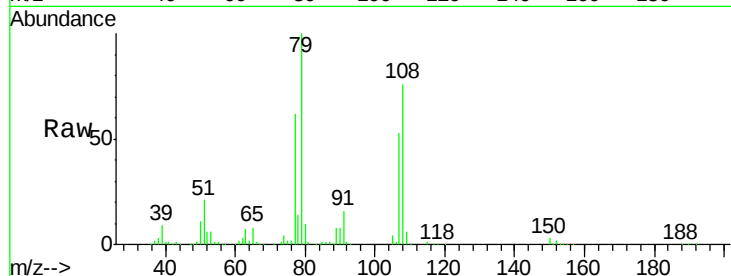
Tgt Ion: 79 Resp: 353098

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

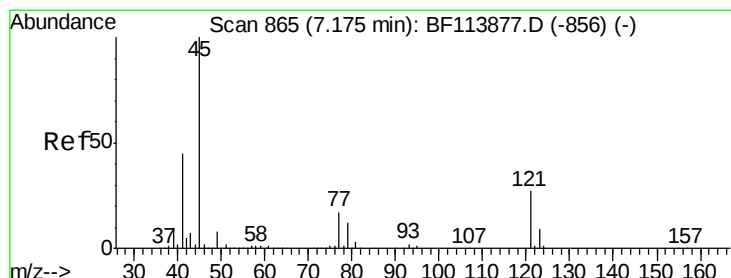
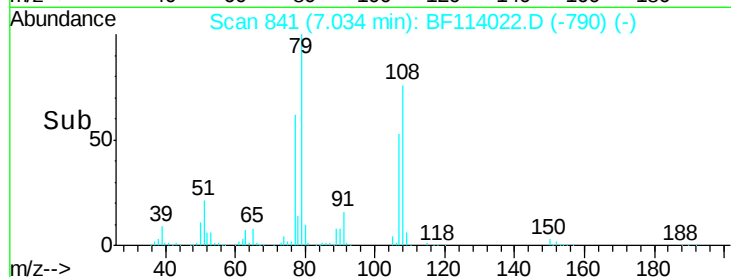
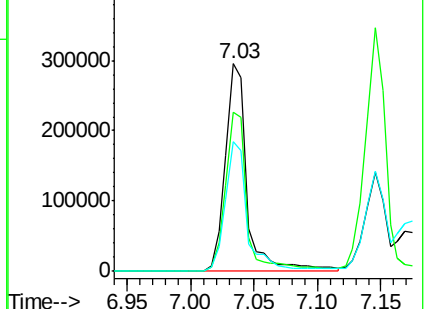
77 62.5 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.591 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

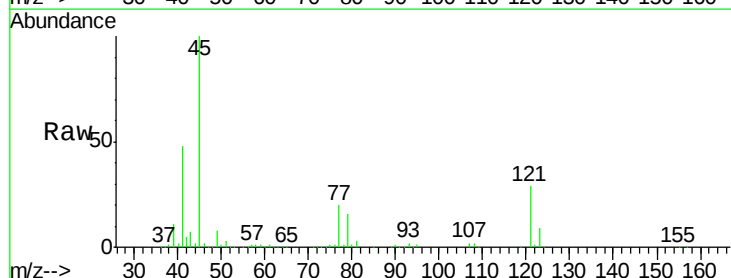
Tgt Ion: 45 Resp: 444393

Ion Ratio Lower Upper

45 100

77 19.9 0.0 37.0

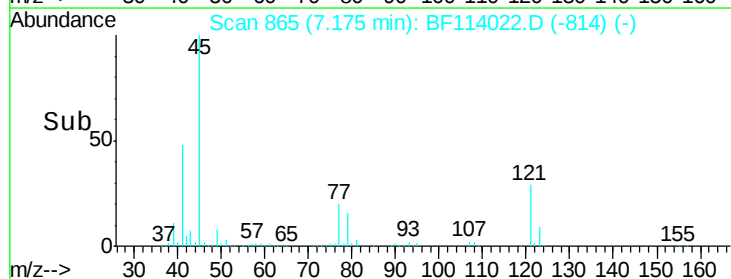
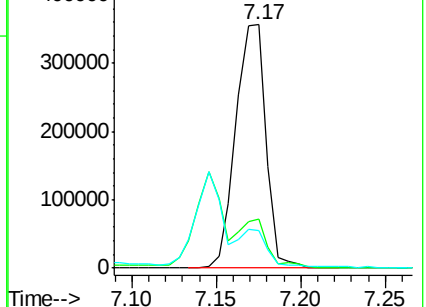
79 15.6 0.0 32.7

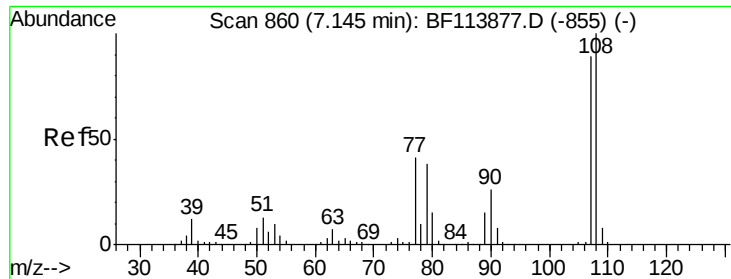


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

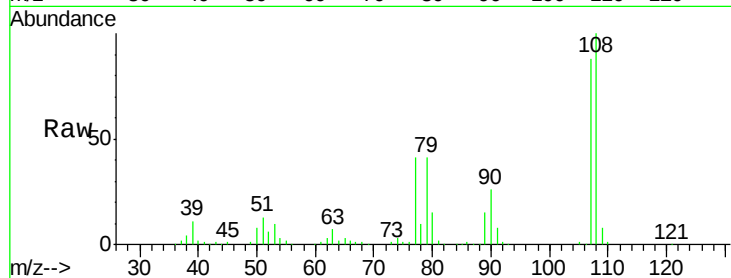




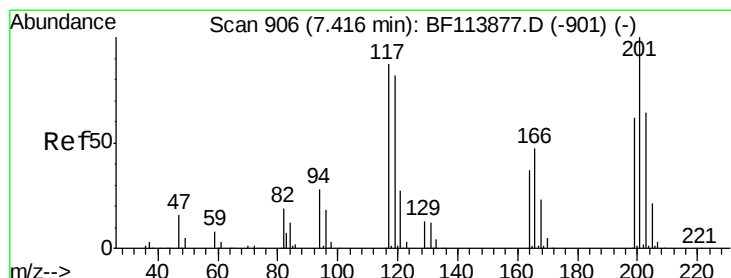
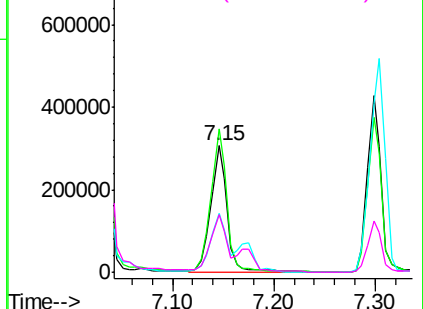
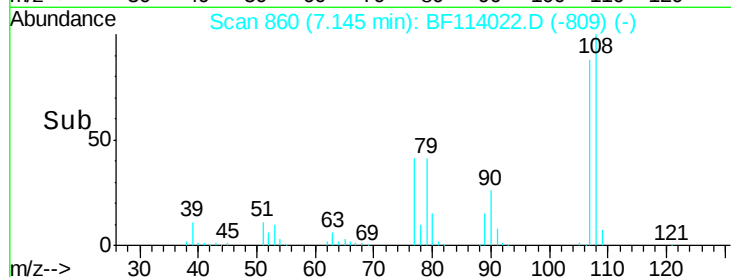
#17
2-Methylphenol
Concen: 38.522 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	336867
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.5	137.3
77	46.4	36.2	54.4
79	46.1	35.4	53.0

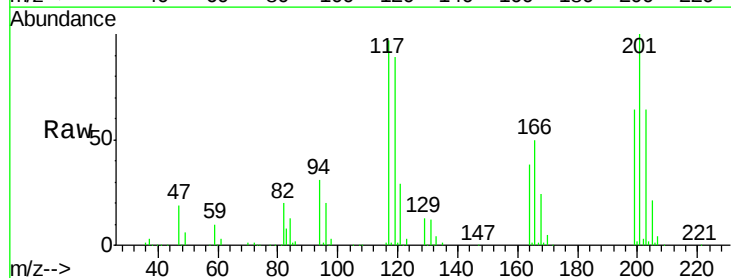


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

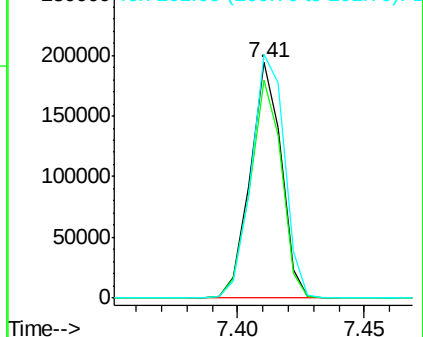
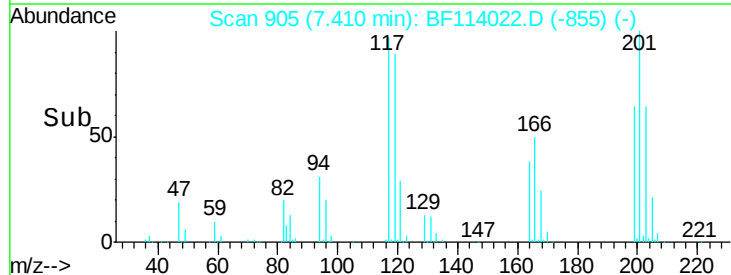


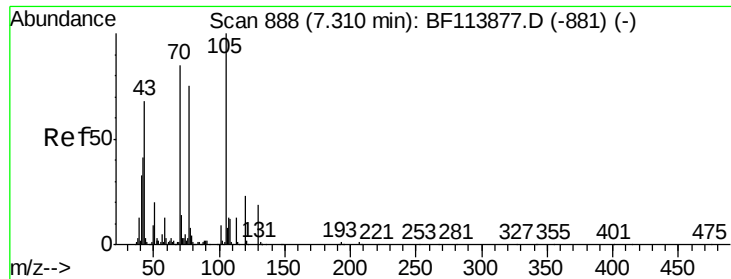
#18
Hexachloroethane
Concen: 41.649 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:	117	Resp:	165920
Ion	Ratio	Lower	Upper
117	100		
119	92.4	74.4	111.6
201	103.3	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

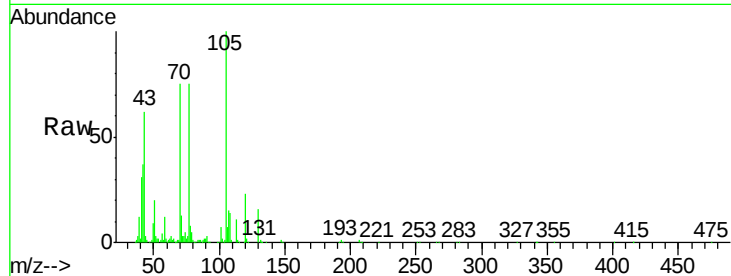




#19
n-Nitroso-di-n-propylamine
Concen: 40.408 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	70	Resp:	286876
Ion	Ratio	Lower	Upper
70	100		
42	49.4	37.3	55.9
101	9.5	7.8	11.8
130	21.4	18.2	27.2



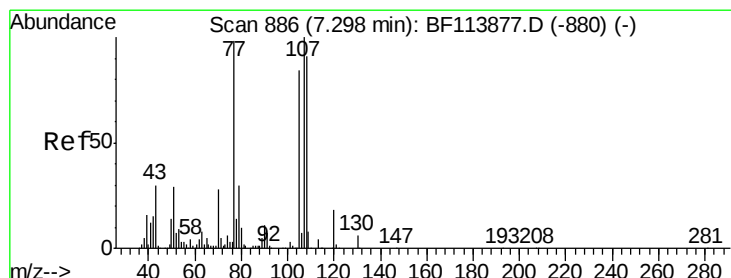
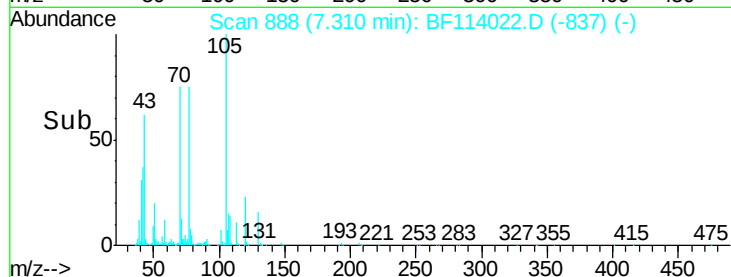
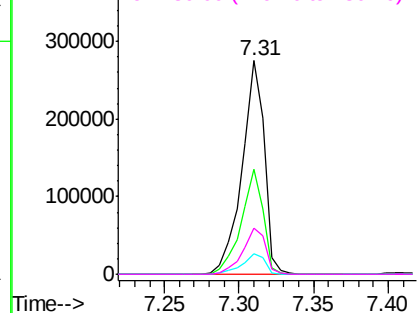
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

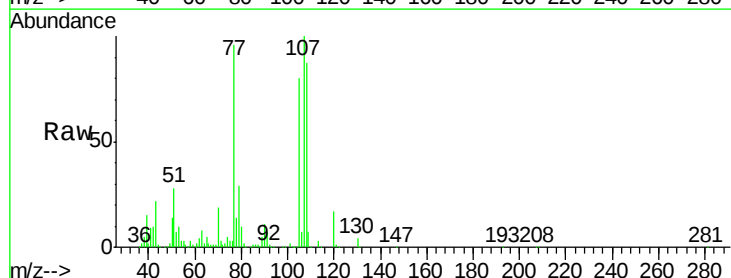
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.901 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:	107	Resp:	404101
Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.1	110.1
77	95.7	52.9	92.9#
79	29.1	10.2	50.2



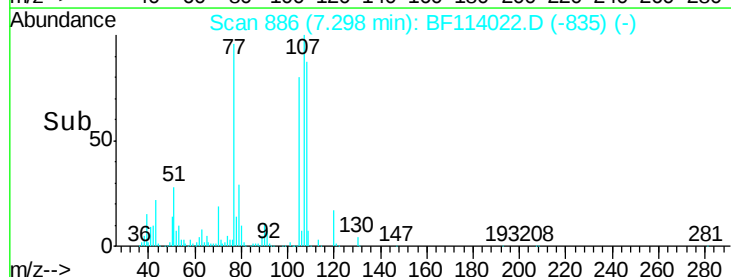
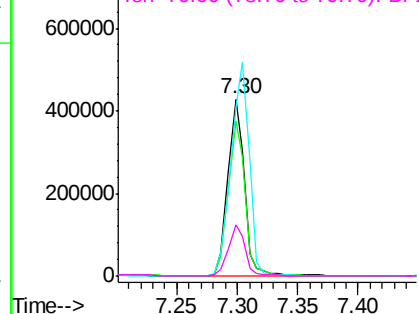
Abundance

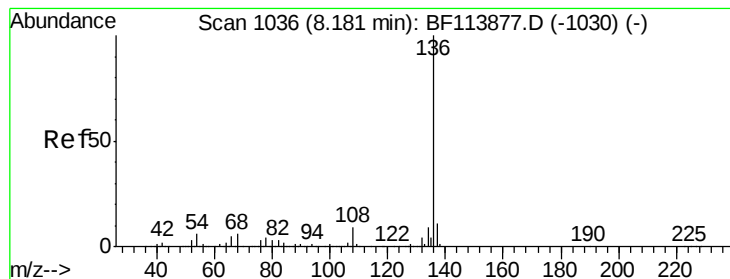
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 597715

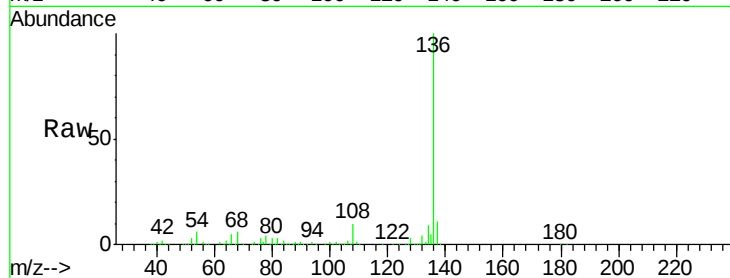
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.7 5.0 7.6

68 5.5 4.9 7.3

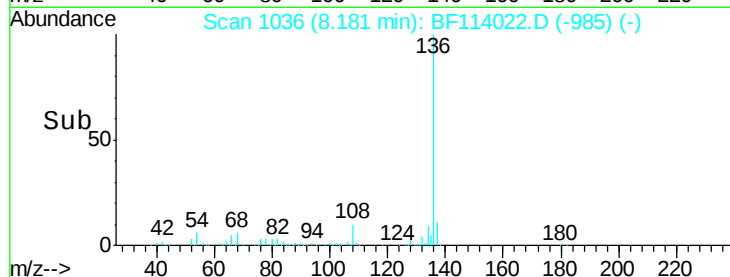


Abundance Ion 136.00 (135.70 to 136.70): E

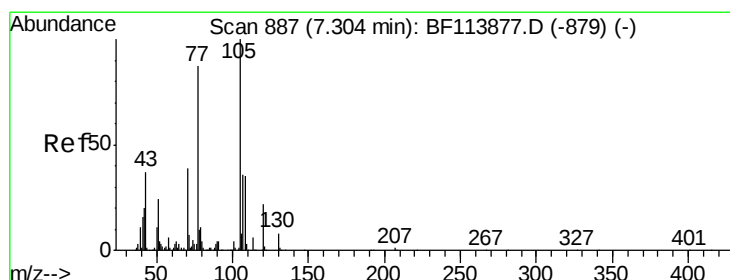
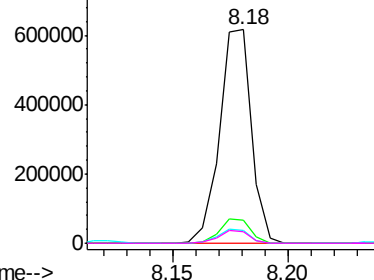
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.448 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Tgt Ion:105 Resp: 538001

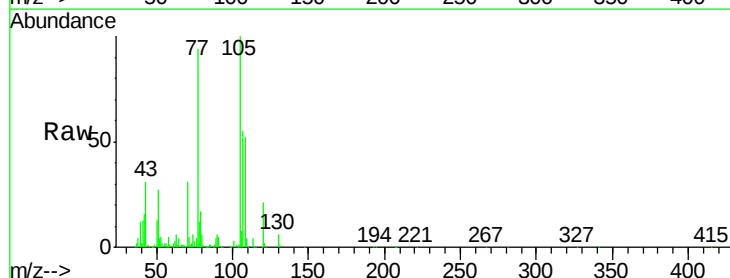
Ion Ratio Lower Upper

105 100

71 5.2 6.1 9.1#

51 26.9 16.8 25.2#

120 21.1 17.6 26.4

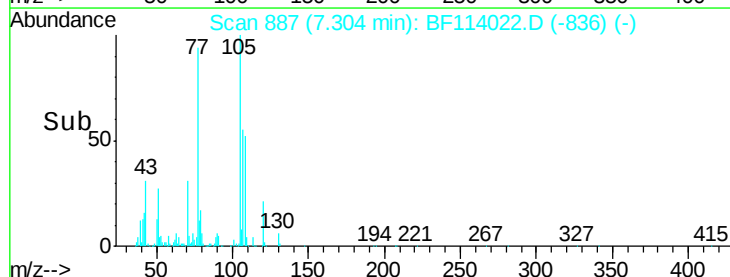


Abundance Ion 105.00 (104.70 to 105.70): E

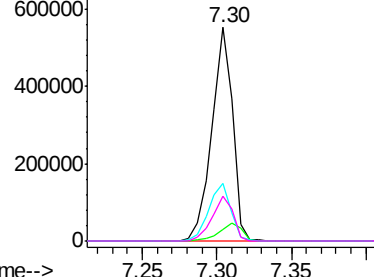
Ion 71.00 (70.70 to 71.70): BF1

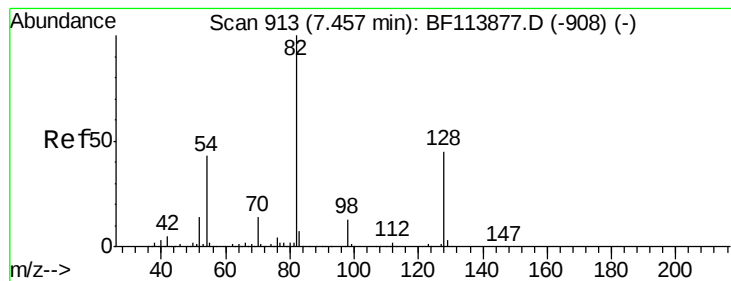
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 85.533 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

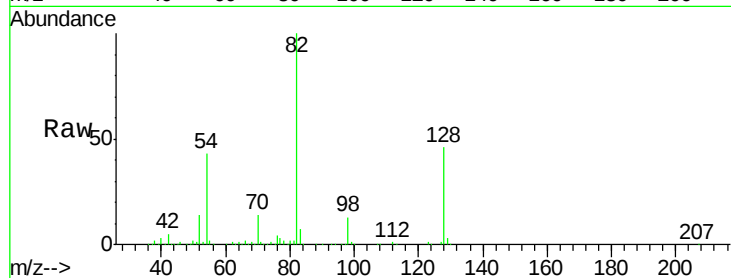
Tgt Ion: 82 Resp: 828004

Ion Ratio Lower Upper

82 100

128 45.8 36.8 55.2

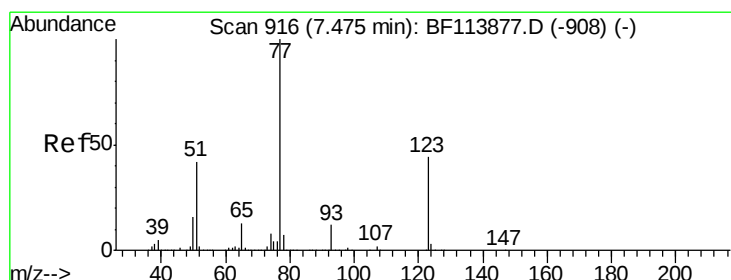
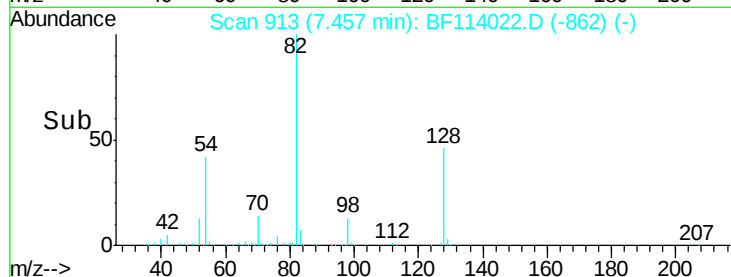
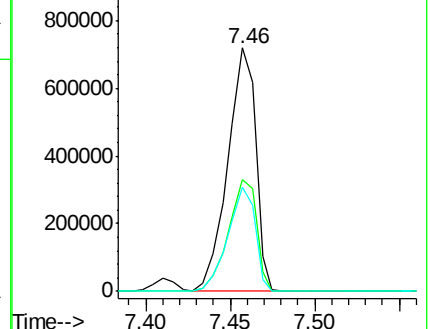
54 42.5 33.8 50.6



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: 41.624 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

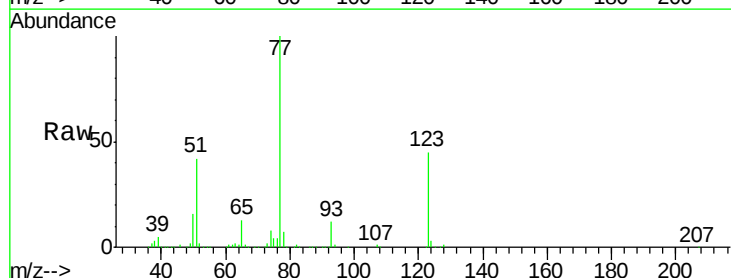
Tgt Ion: 77 Resp: 445232

Ion Ratio Lower Upper

77 100

123 44.9 36.3 54.5

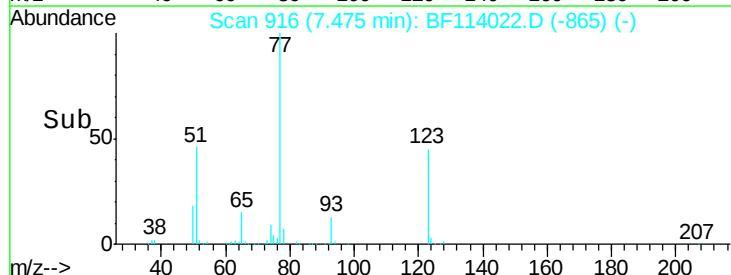
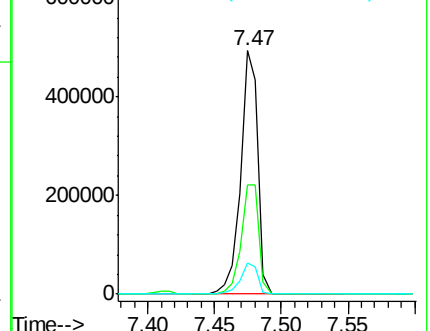
65 12.7 10.3 15.5

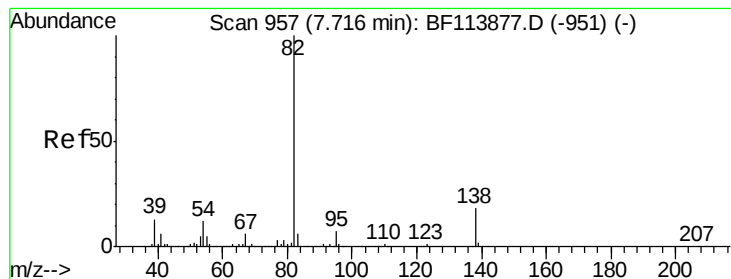


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.672 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

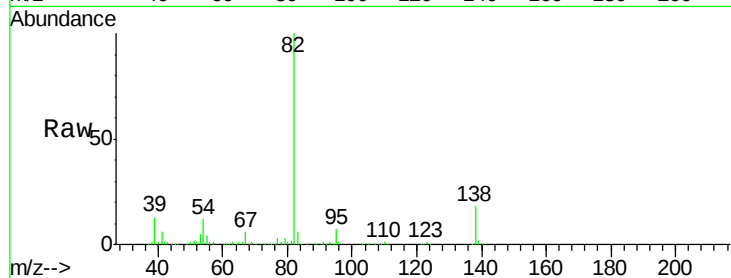
Tgt Ion: 82 Resp: 785830

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

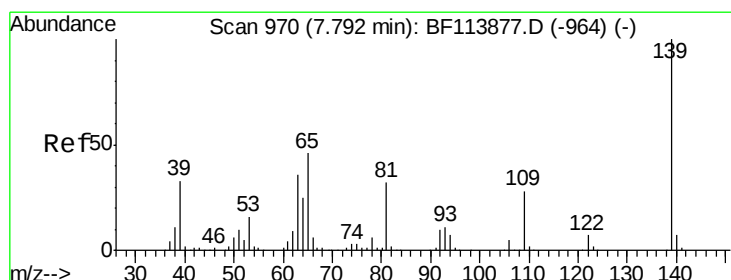
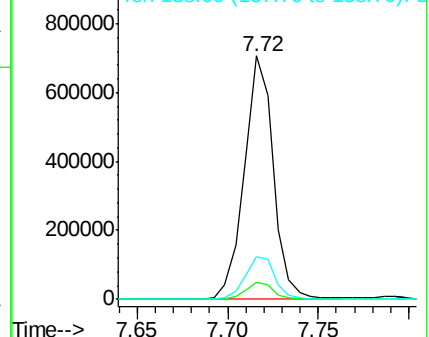
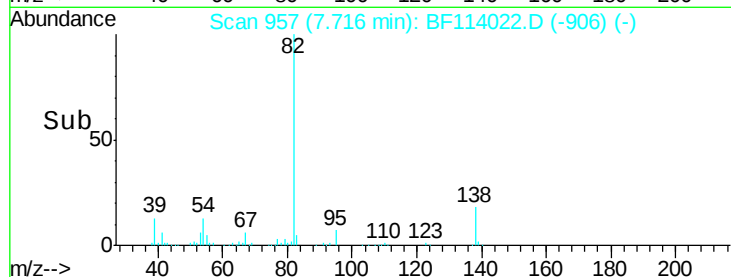
138 17.7 14.6 22.0



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: 46.435 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

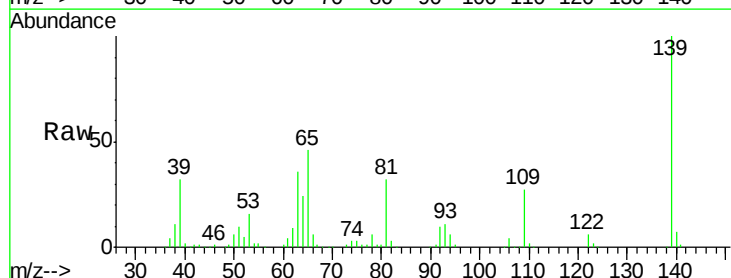
Tgt Ion: 139 Resp: 226595

Ion Ratio Lower Upper

139 100

109 27.2 20.6 31.0

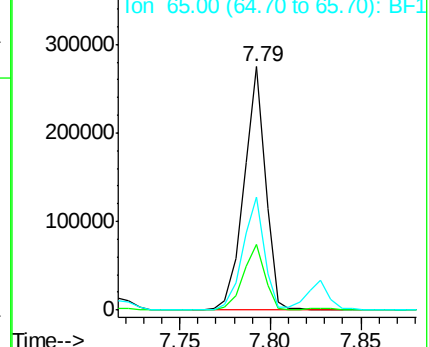
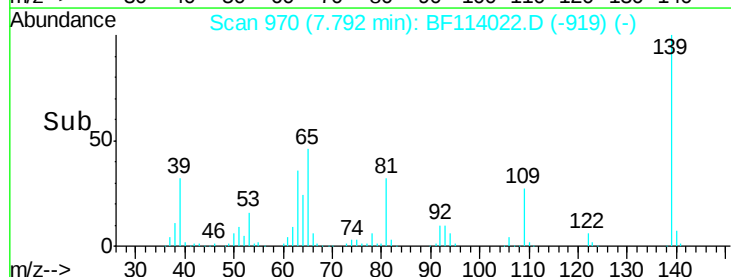
65 46.3 34.6 52.0

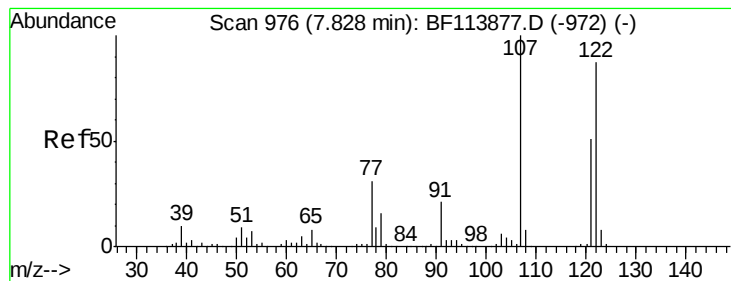


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.495 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

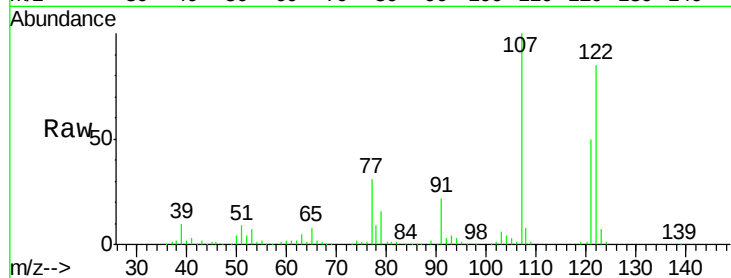
Tgt Ion:122 Resp: 306055

Ion Ratio Lower Upper

122 100

107 117.4 91.2 136.8

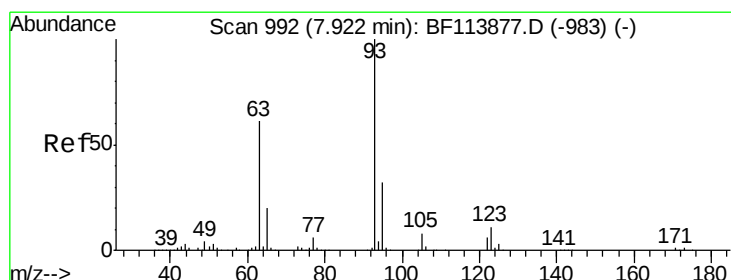
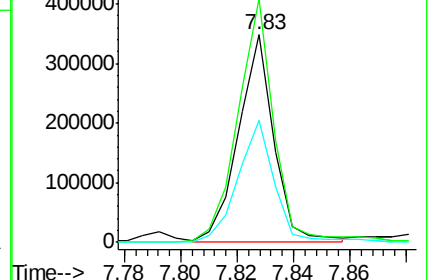
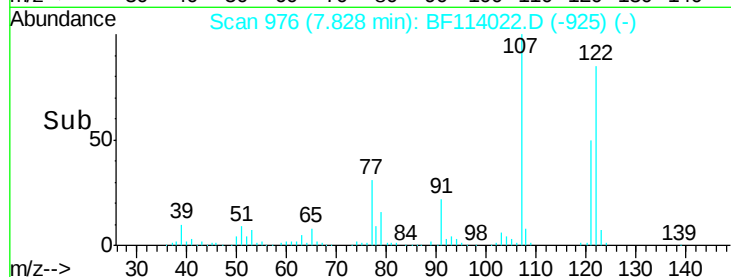
121 58.9 46.4 69.6



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: 39.951 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

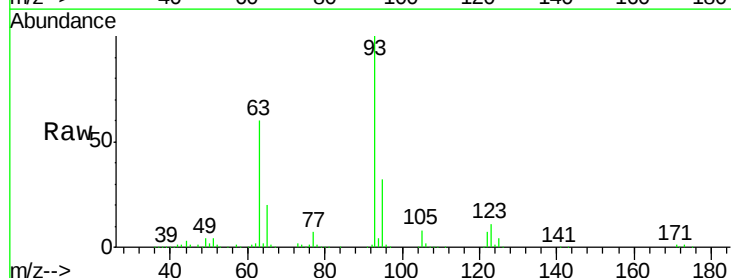
Tgt Ion: 93 Resp: 504268

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

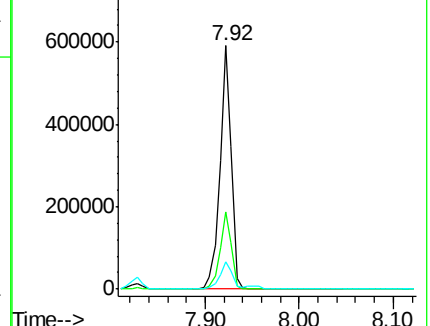
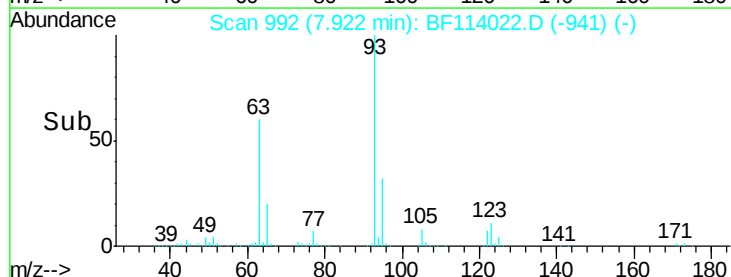
123 11.3 9.0 13.6

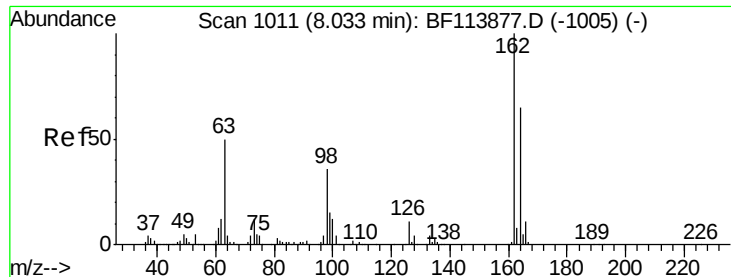


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

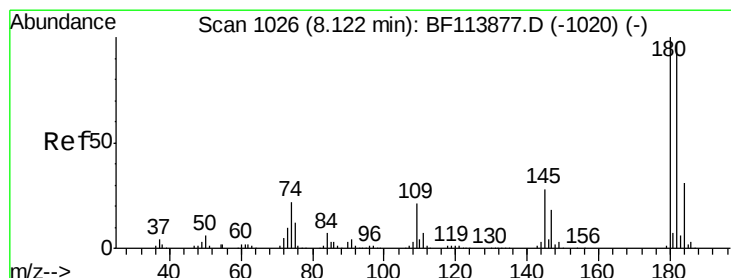
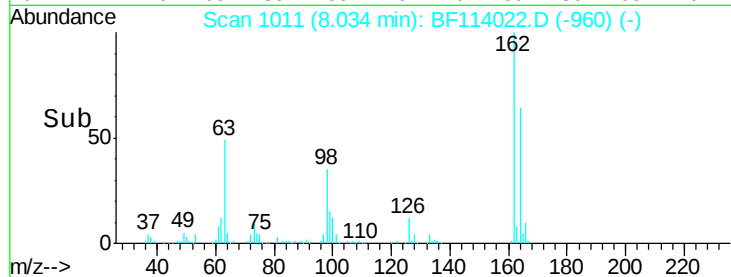
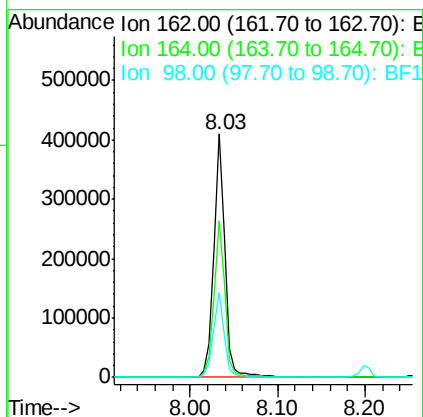
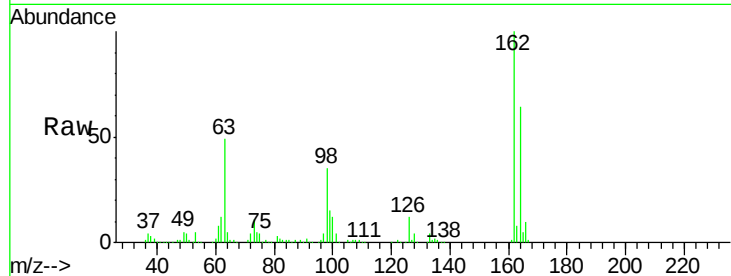




#29
2,4-Dichlorophenol
Concen: 40.358 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

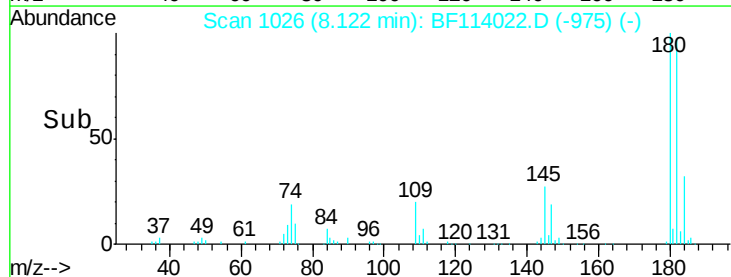
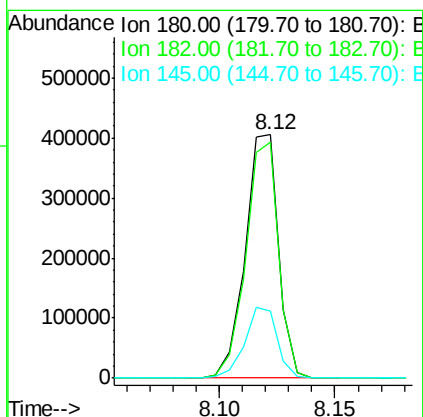
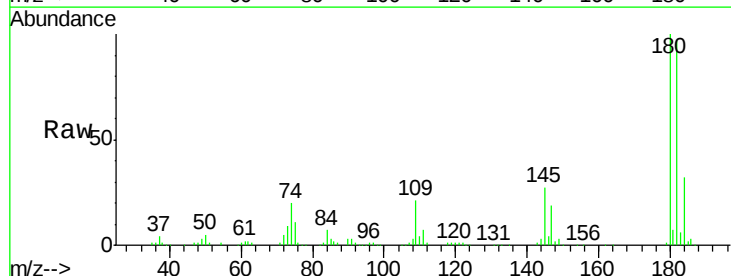
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

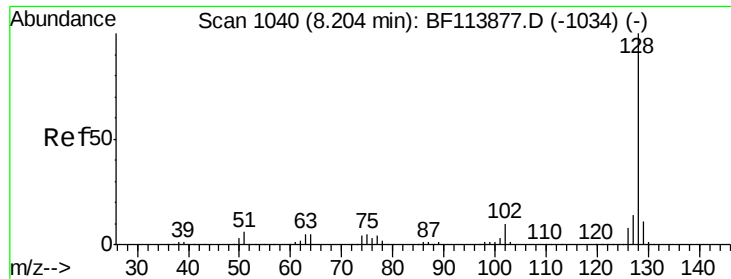
Tgt Ion:162 Resp: 366921
Ion Ratio Lower Upper
162 100
164 64.5 43.7 83.7
98 34.8 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.394 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:180 Resp: 409492
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.0
145 27.4 23.0 34.4

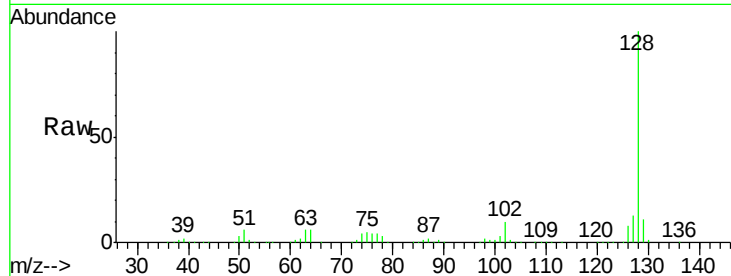




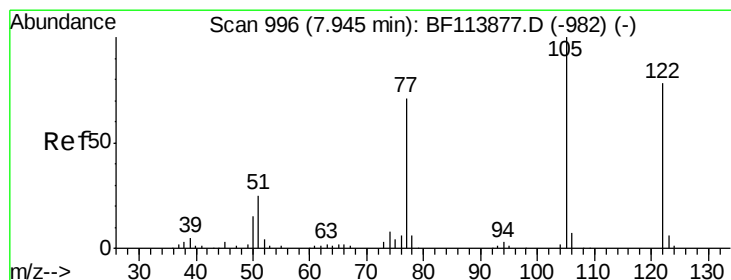
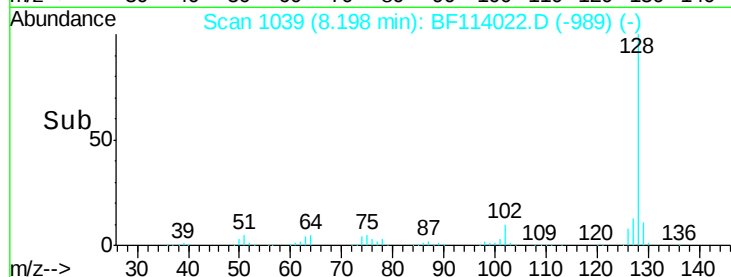
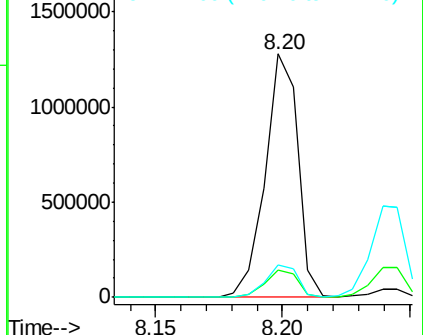
#31
Naphthalene
Concen: 40.731 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1156545
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.4 10.8 16.2

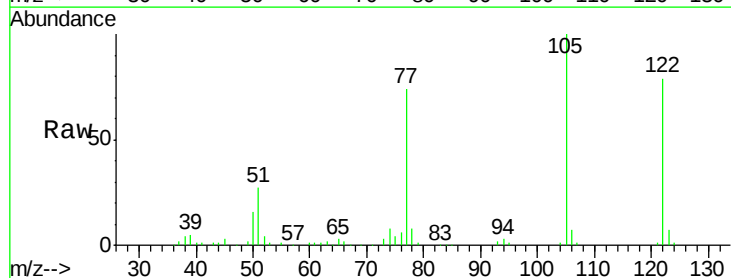


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

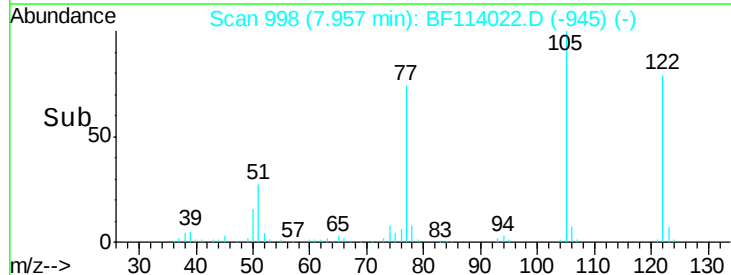
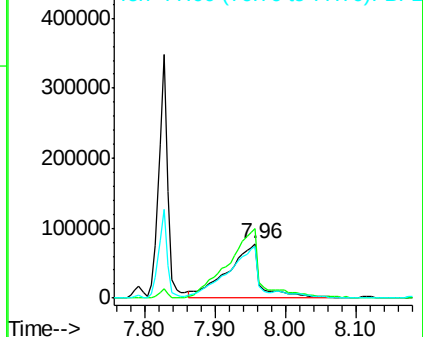


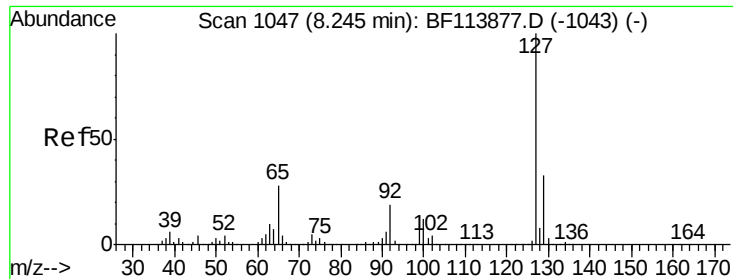
#32
Benzoic acid
Concen: 46.684 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:122 Resp: 250654
Ion Ratio Lower Upper
122 100
105 127.2 104.3 144.3
77 93.5 70.4 110.4



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

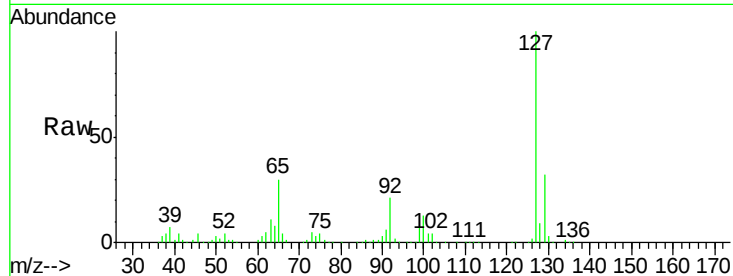




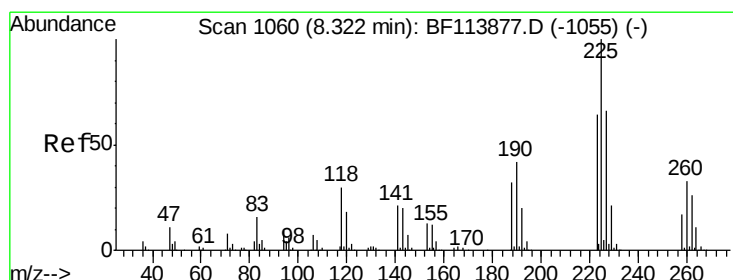
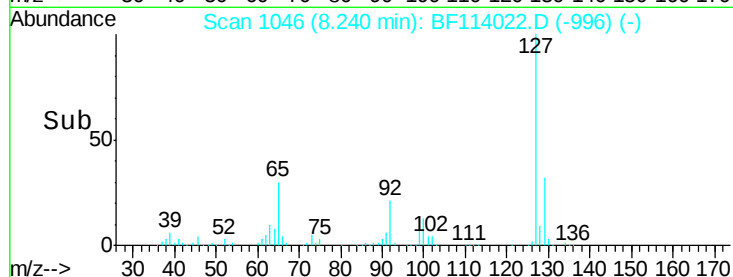
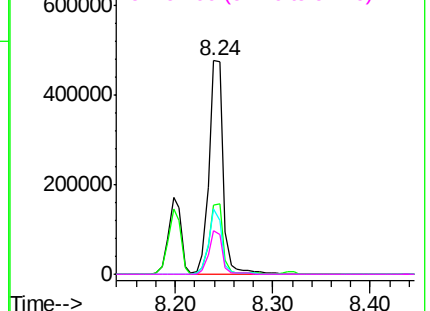
#33
4-Chloroaniline
Concen: 40.063 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	481344
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	30.3	24.9	37.3
92	20.6	15.9	23.9

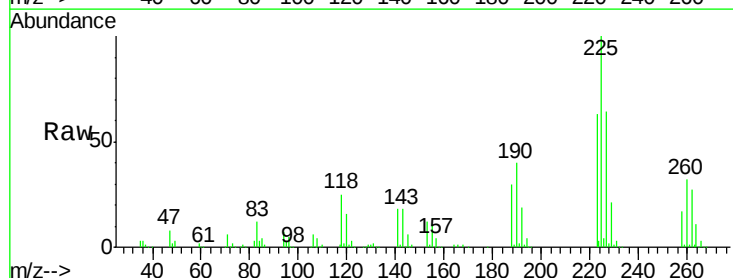


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

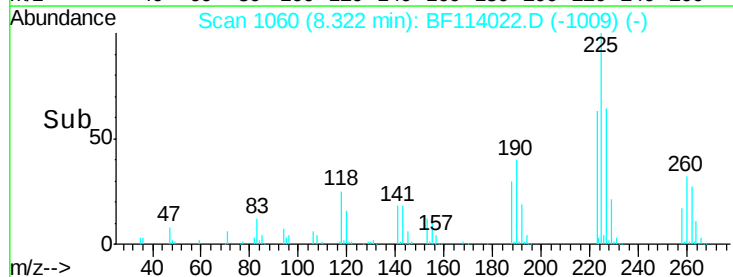
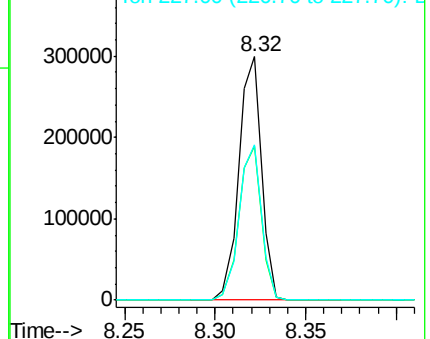


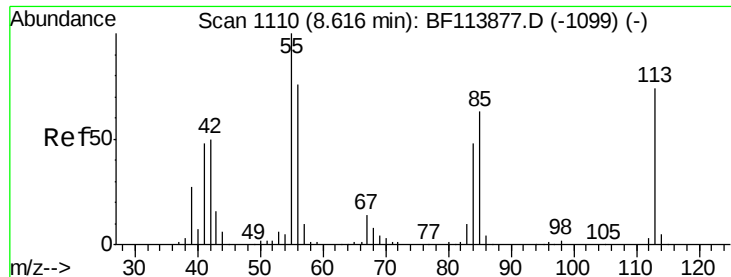
#34
Hexachlorobutadiene
Concen: 41.103 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:	225	Resp:	259748
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.1	76.7
227	63.8	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

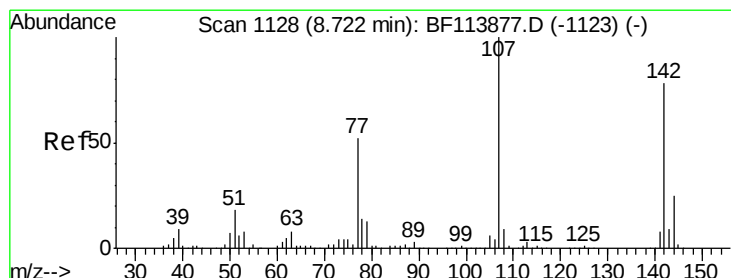
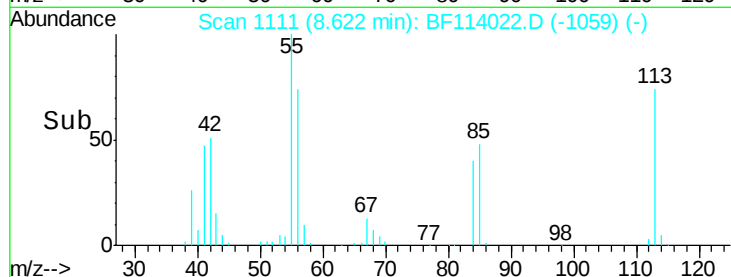
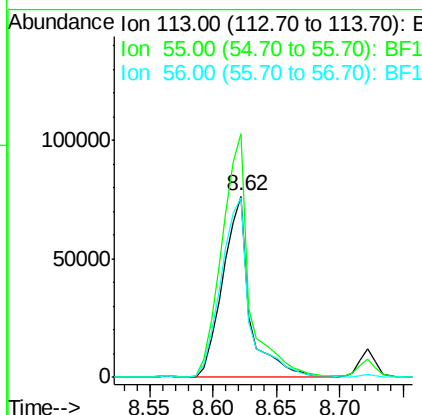
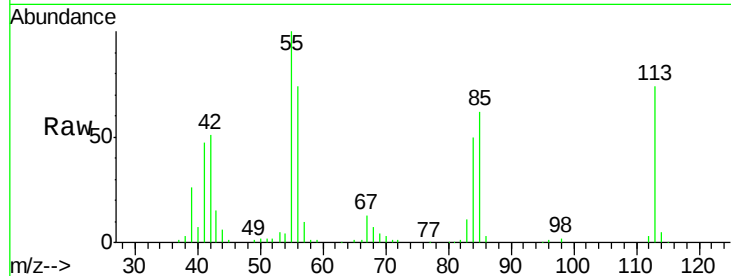




#35
 Caprolactam
 Concen: 39.309 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

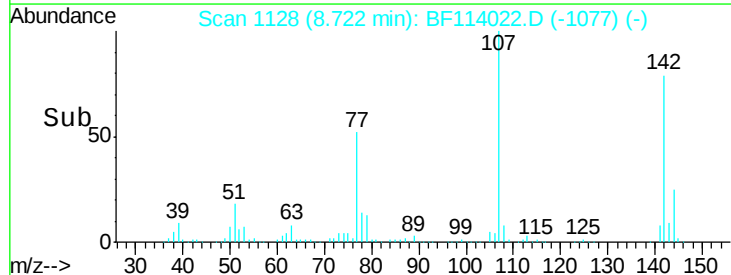
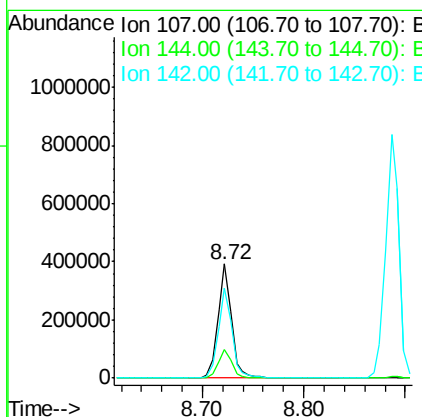
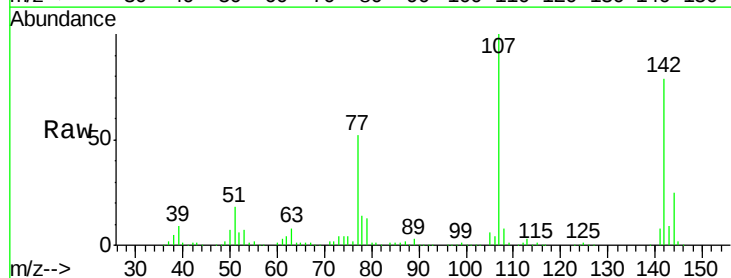
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

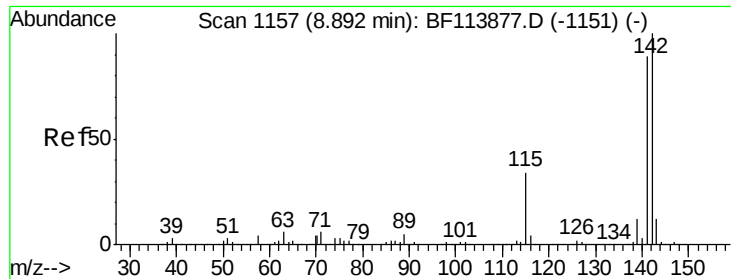
Tgt Ion: 113 Resp: 113687
 Ion Ratio Lower Upper
 113 100
 55 134.5 128.6 168.6
 56 99.1 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.716 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion: 107 Resp: 366742
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 79.2 64.2 96.4

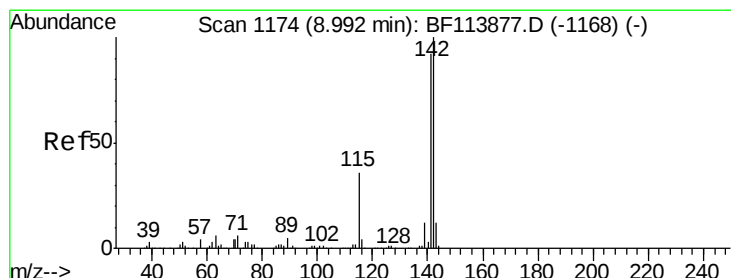
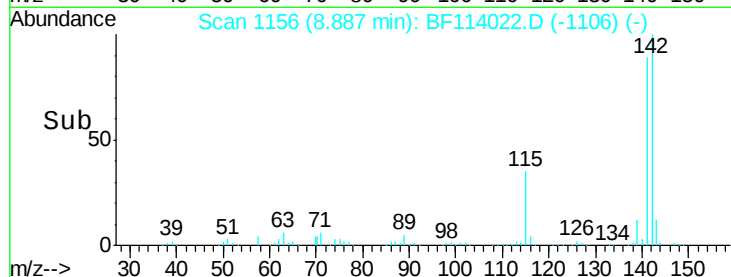
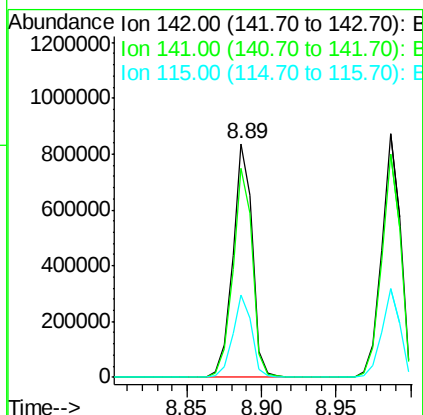
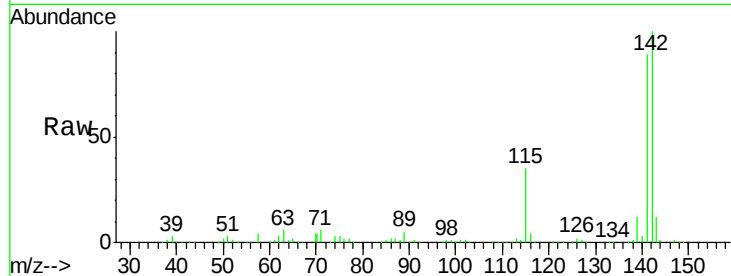




#37
2-Methylnaphthalene
Concen: 40.331 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

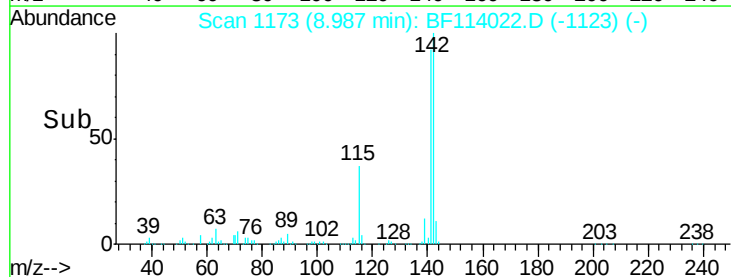
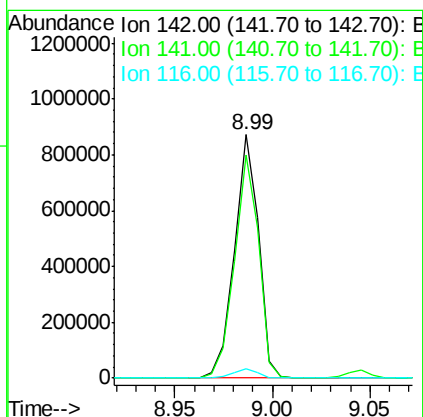
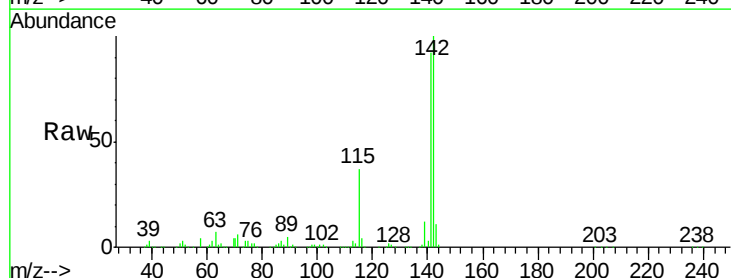
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

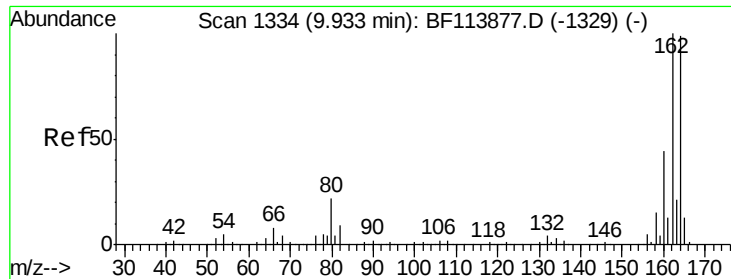
Tgt Ion:142 Resp: 772254
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 35.4 26.3 39.5



#38
1-Methylnaphthalene
Concen: 40.329 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:142 Resp: 745317
Ion Ratio Lower Upper
142 100
141 91.9 72.3 108.5
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

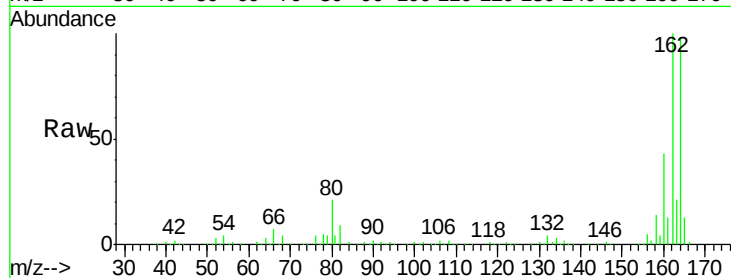
Tgt Ion:164 Resp: 316982

Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

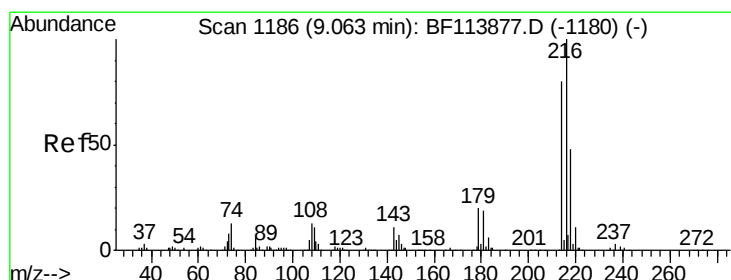
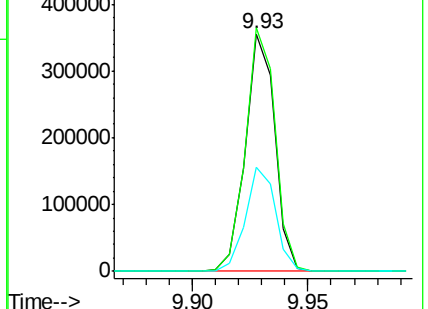
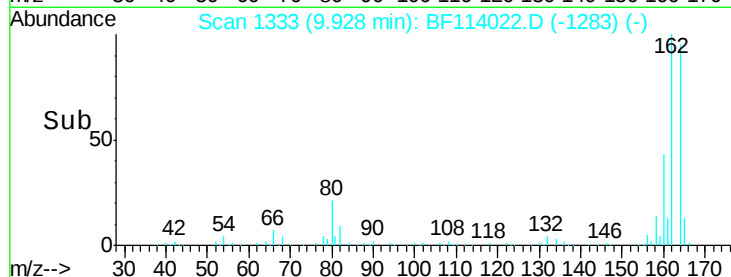
160 43.9 35.8 53.6



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: 39.902 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Tgt Ion:216 Resp: 410857

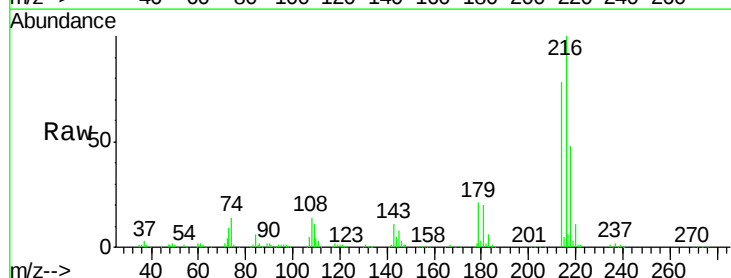
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.1 16.1 24.1

108 16.8 13.4 20.0

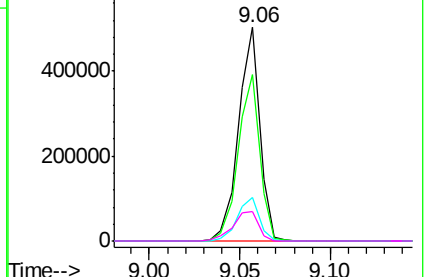
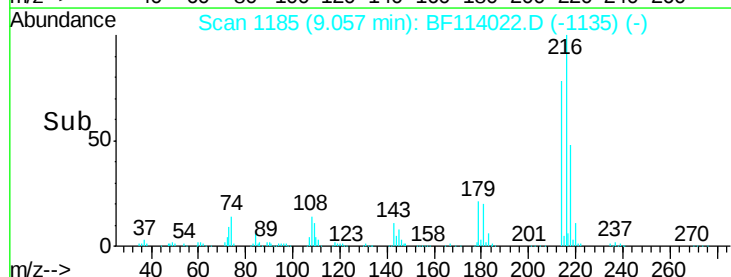


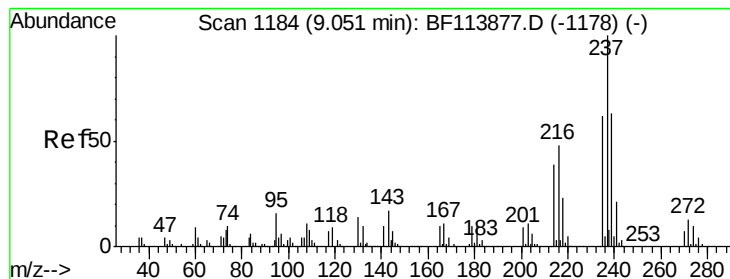
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.668 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

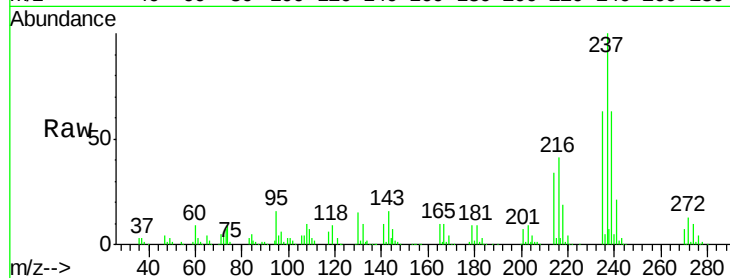
Tgt Ion: 237 Resp: 216285

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

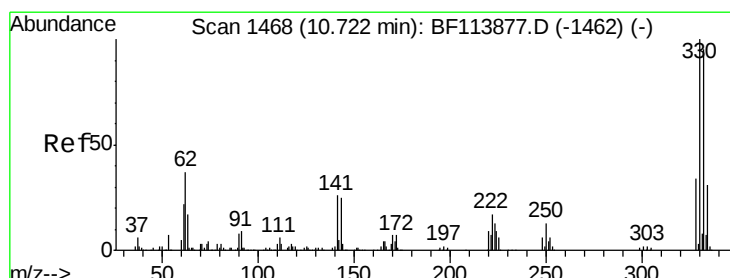
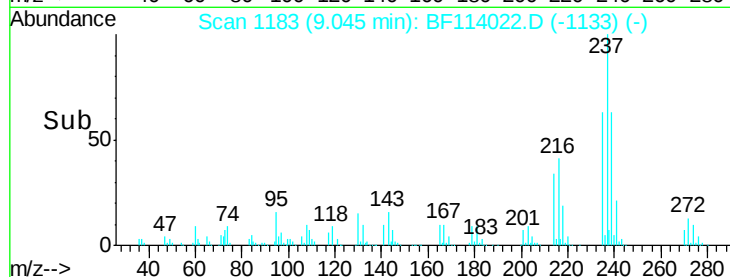
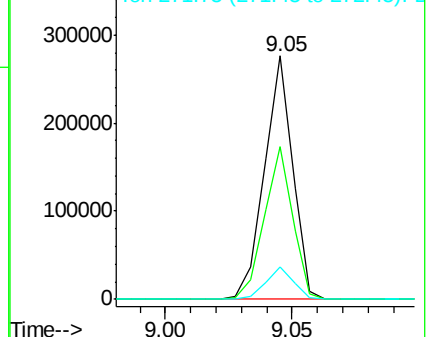
272 13.2 0.0 33.8



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: 81.482 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

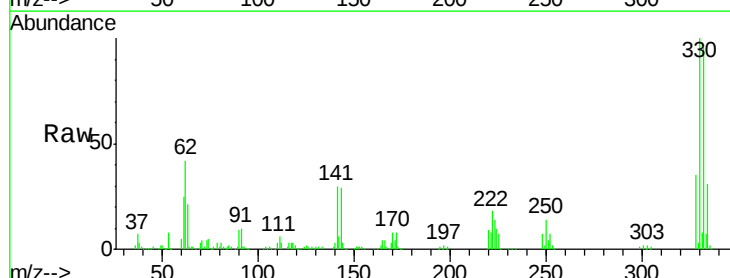
Tgt Ion: 330 Resp: 314640

Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

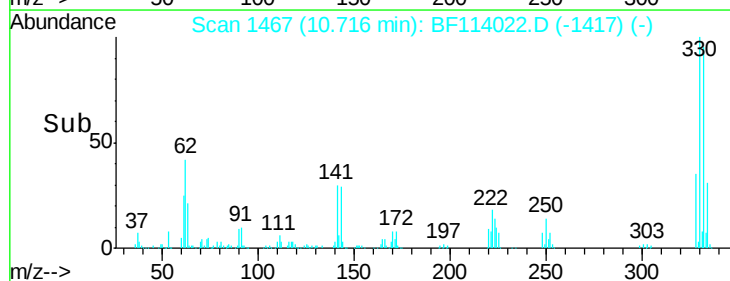
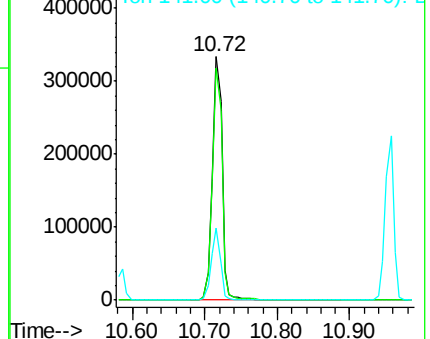
141 27.4 22.2 33.2

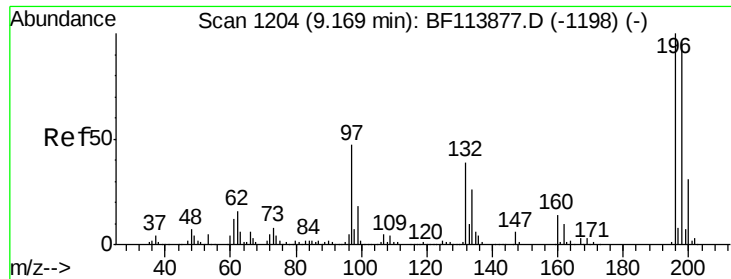


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

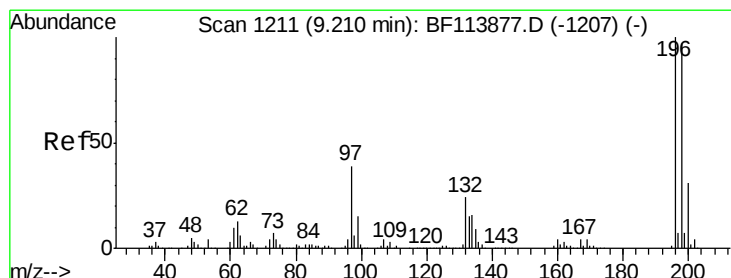
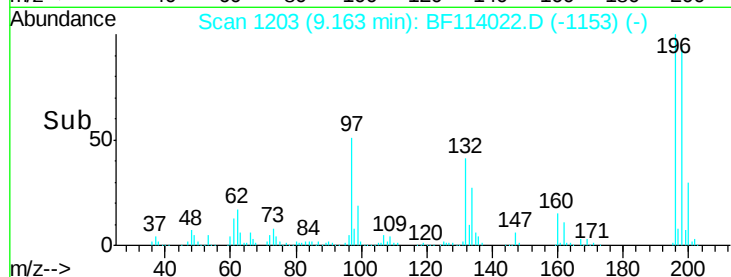
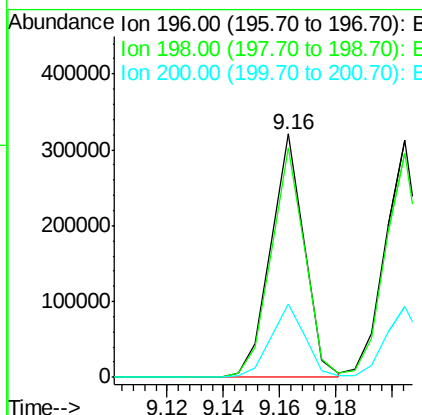
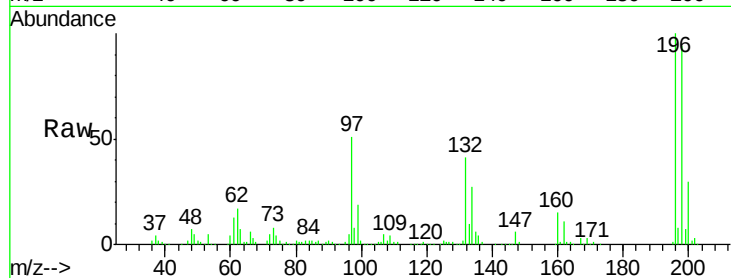




#43
 2,4,6-Trichlorophenol
 Concen: 40.453 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

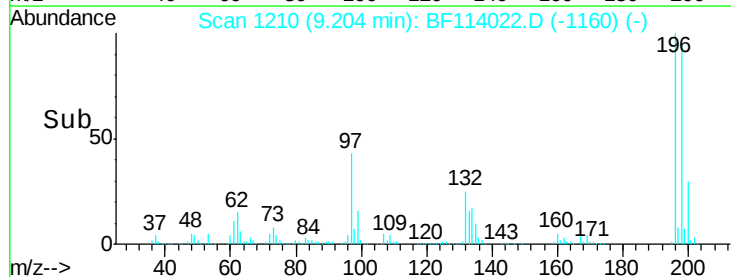
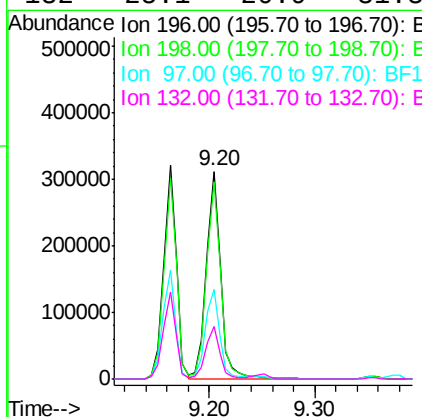
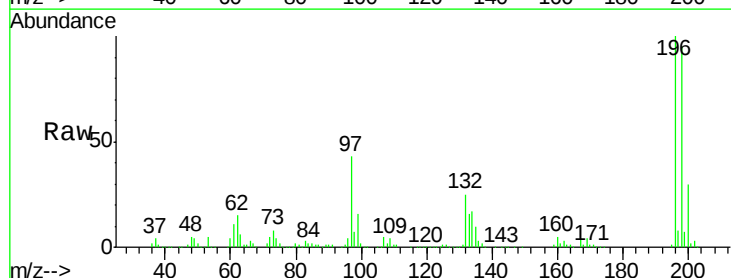
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

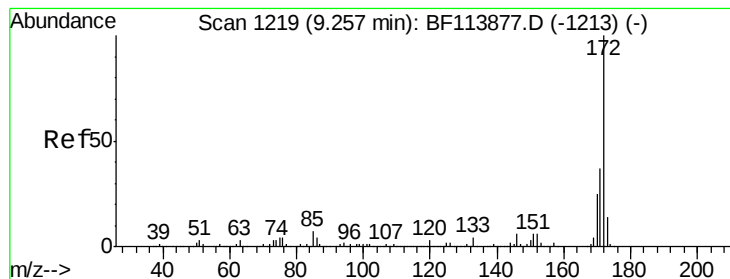
Tgt Ion:196 Resp: 264493
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.6 113.4
 200 30.2 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.319 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion:196 Resp: 295686
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.4
 97 43.3 35.8 53.8
 132 25.1 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 78.812 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

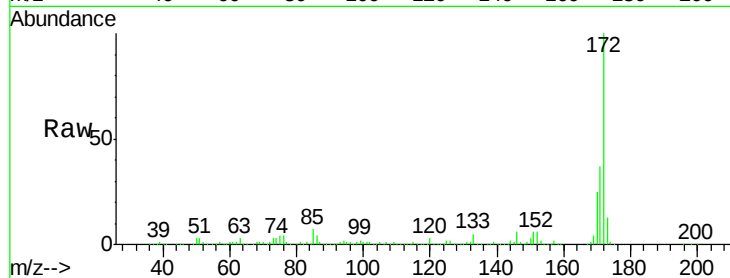
Tgt Ion:172 Resp: 1597294

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

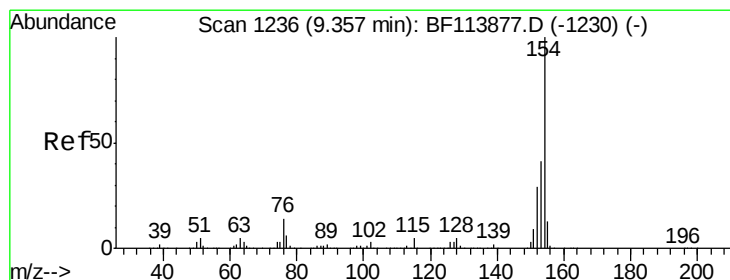
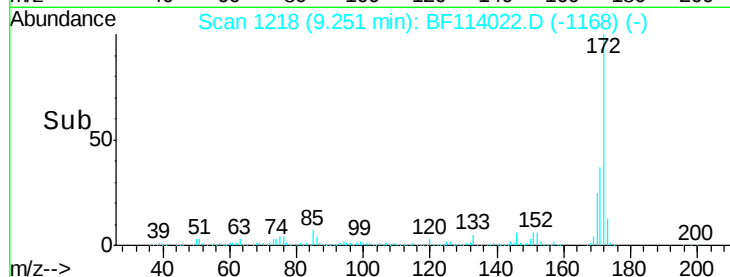
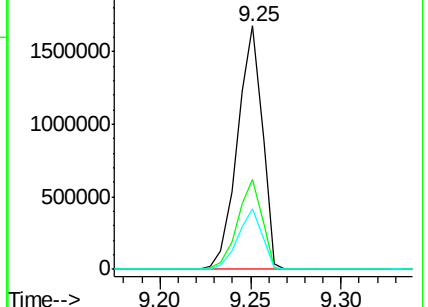
170 24.7 19.9 29.9



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: 40.260 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

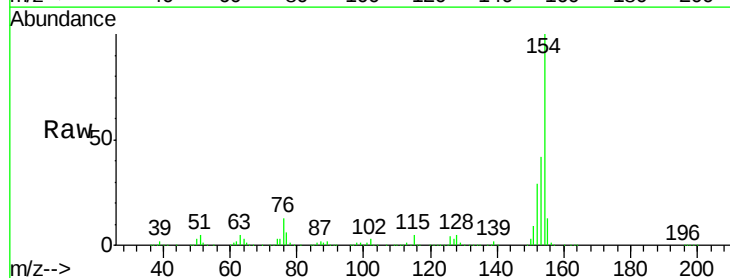
Tgt Ion:154 Resp: 974890

Ion Ratio Lower Upper

154 100

153 41.7 20.8 60.8

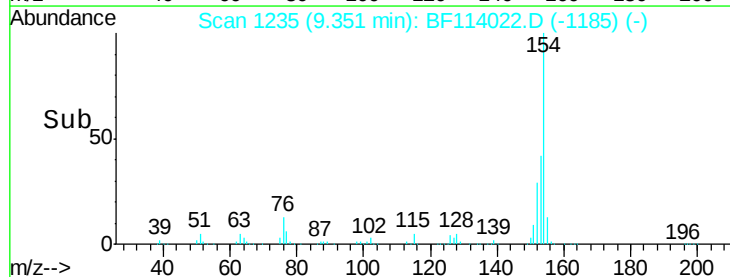
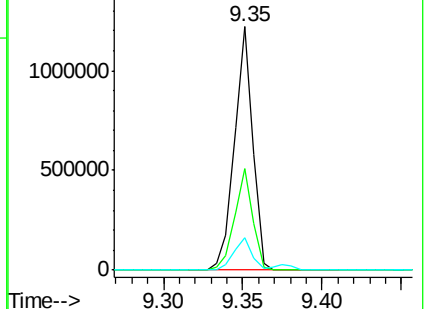
76 13.5 0.0 35.2

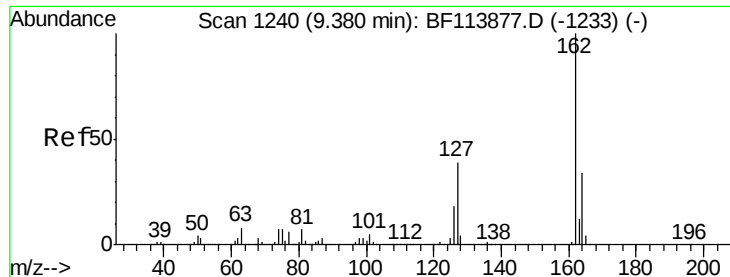


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

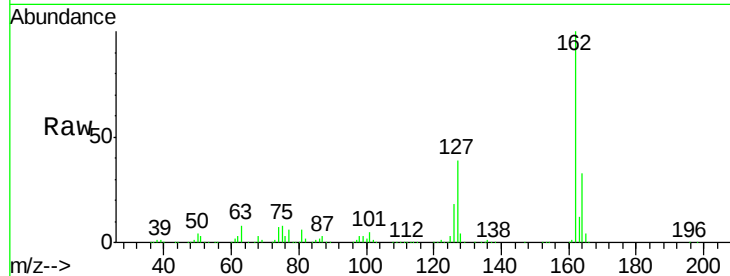




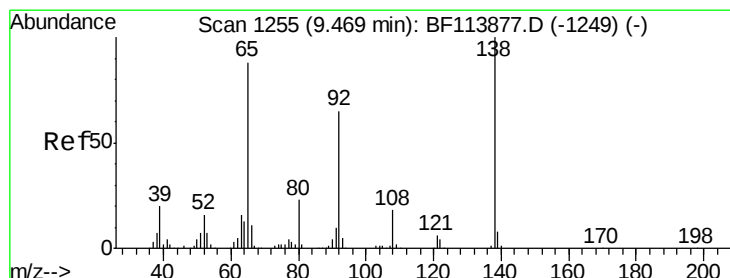
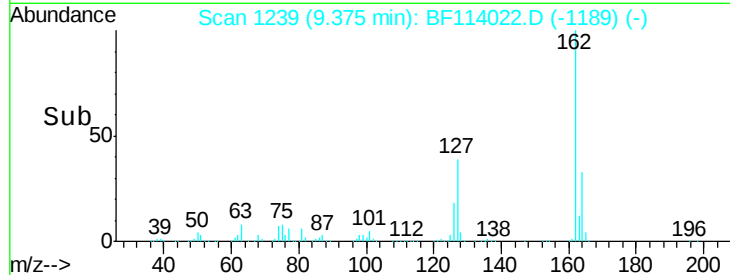
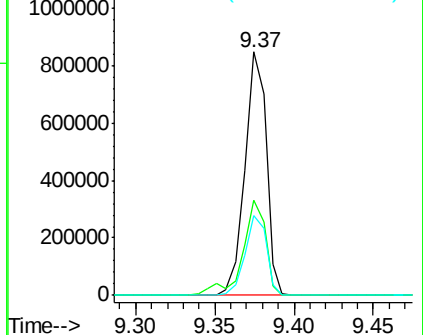
#47
 2-Chloronaphthalene
 Concen: 40.181 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 162 Resp: 791254
 Ion Ratio Lower Upper
 162 100
 127 39.1 29.3 43.9
 164 32.9 27.1 40.7

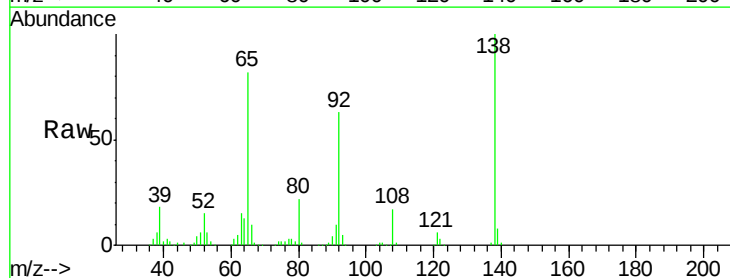


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

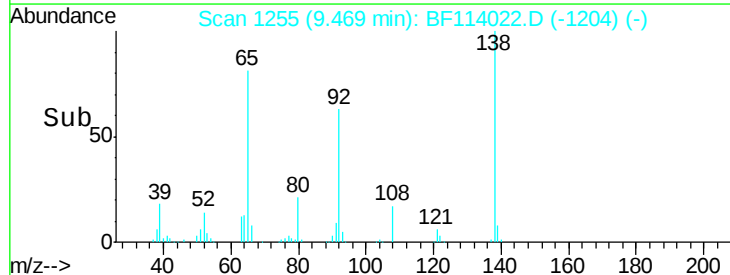
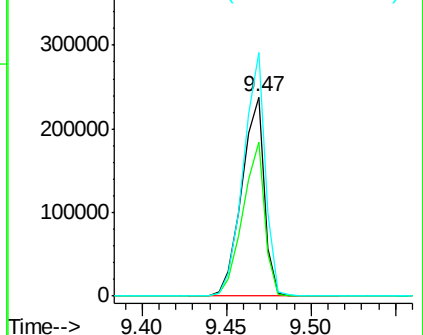


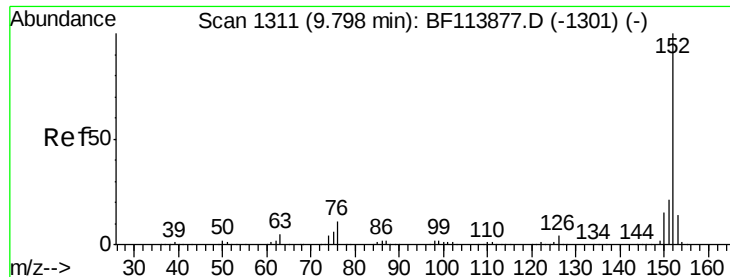
#48
 2-Nitroaniline
 Concen: 43.129 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion: 65 Resp: 222641
 Ion Ratio Lower Upper
 65 100
 92 77.2 57.4 86.0
 138 122.3 85.4 128.0



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: 40.171 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

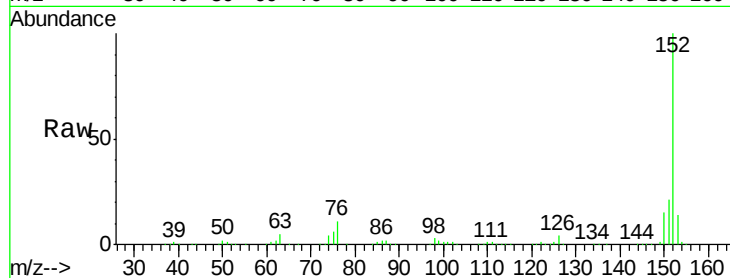
Tgt Ion:152 Resp: 1238415

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

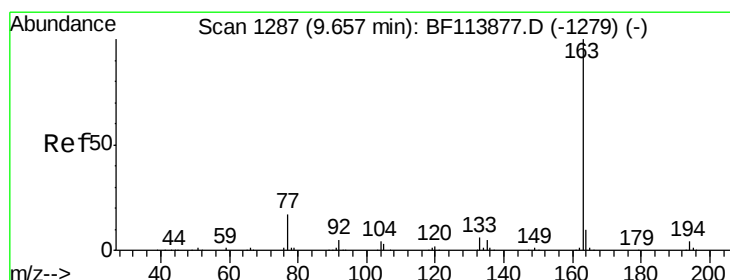
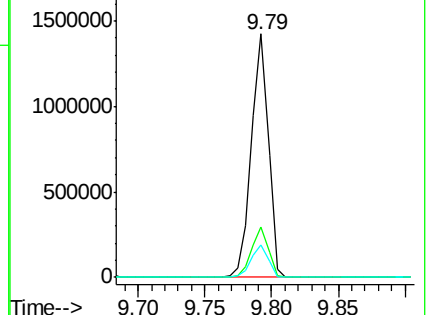
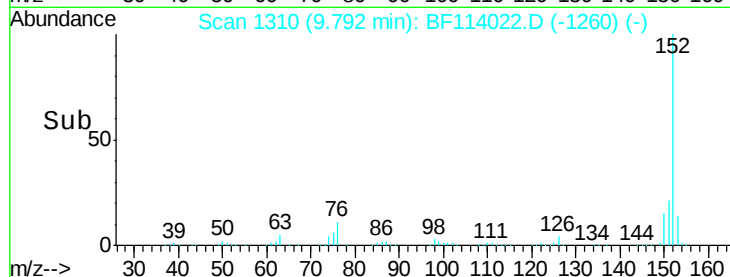
153 13.5 11.0 16.6



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: 40.360 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

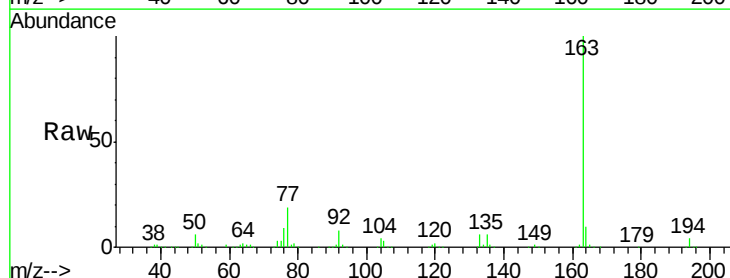
Tgt Ion:163 Resp: 925246

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

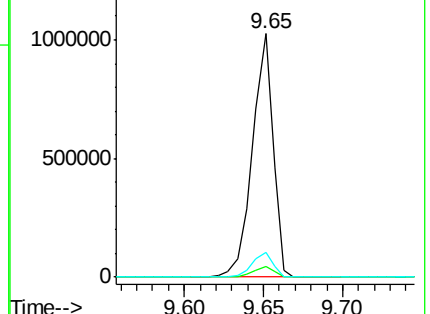
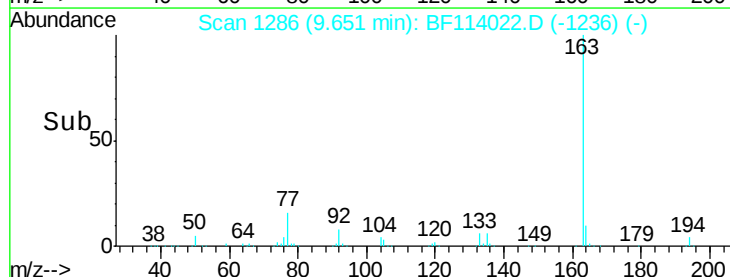
164 10.2 8.5 12.7

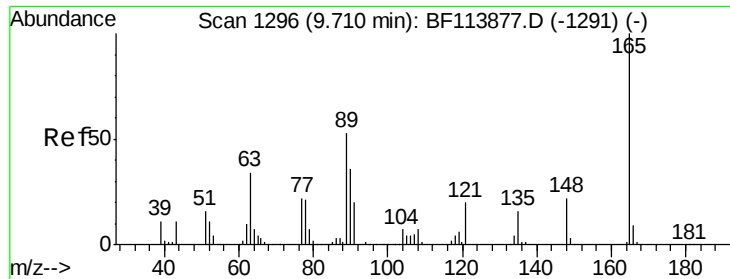


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

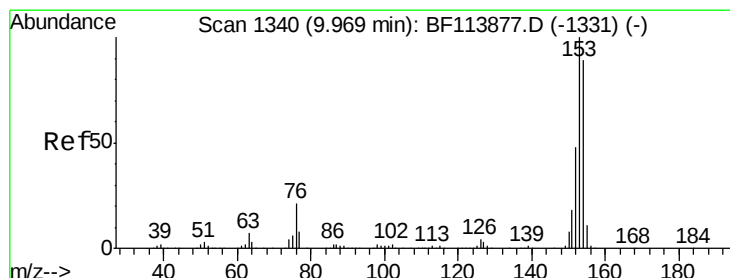
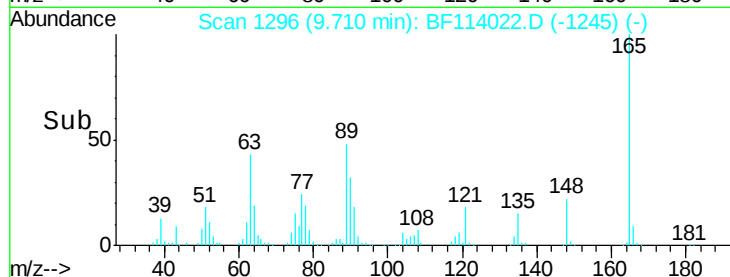
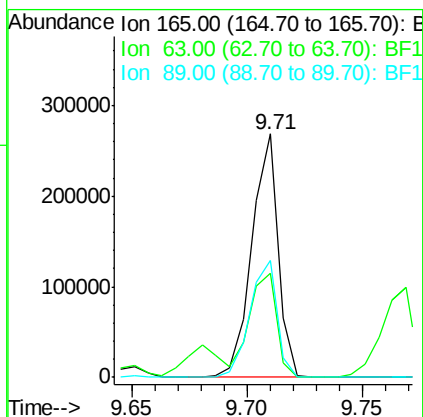
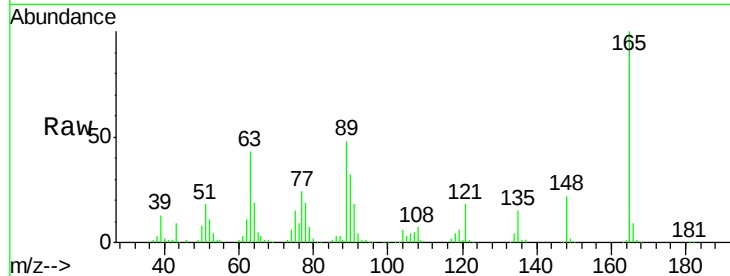




#51
 2,6-Dinitrotoluene
 Concen: 43.631 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

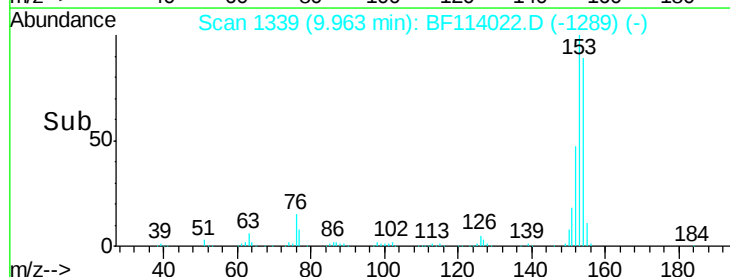
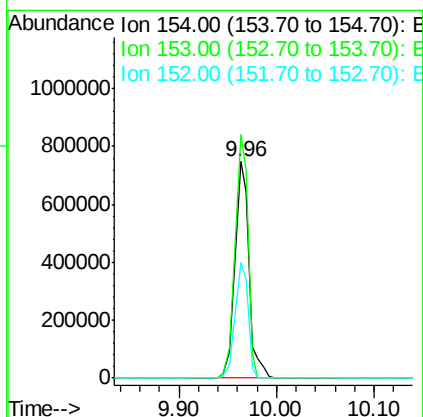
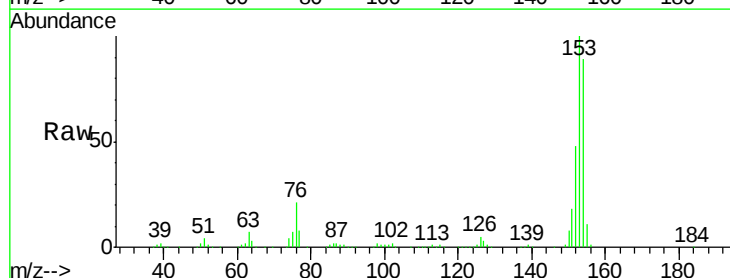
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

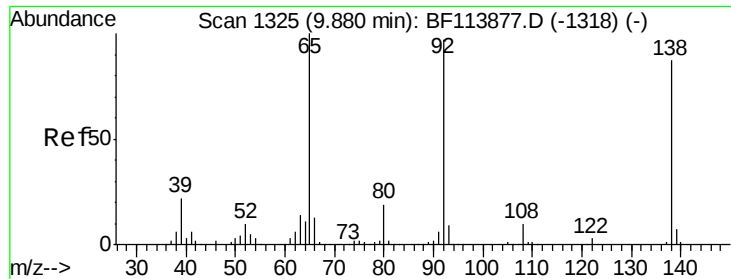
Tgt Ion:165 Resp: 214584
 Ion Ratio Lower Upper
 165 100
 63 42.7 33.8 50.8
 89 47.9 38.2 57.2



#52
 Acenaphthene
 Concen: 40.942 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion:154 Resp: 745919
 Ion Ratio Lower Upper
 154 100
 153 112.4 87.2 130.8
 152 53.7 42.3 63.5

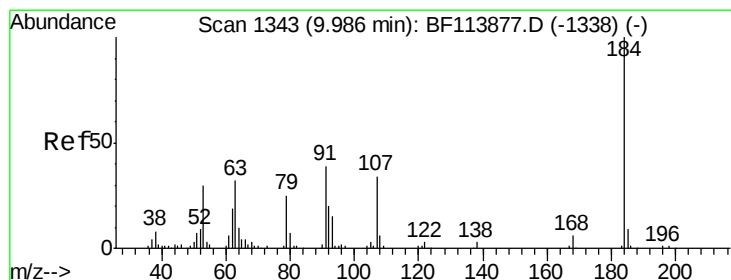
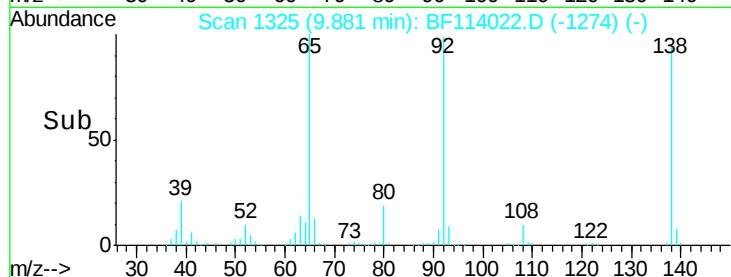
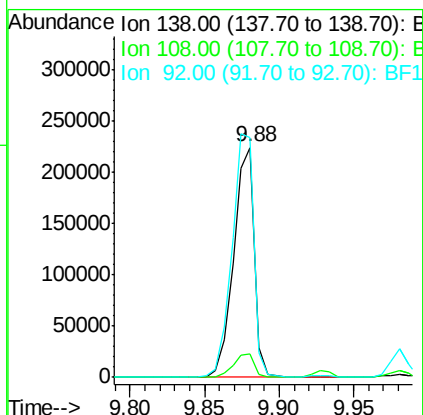
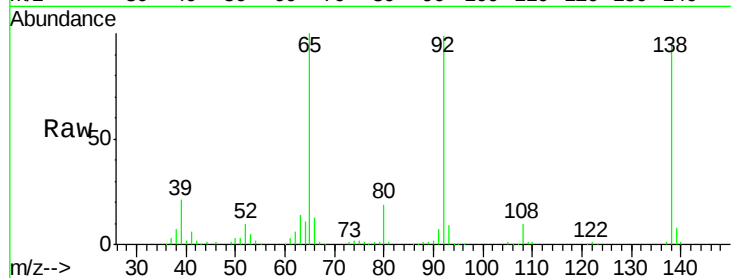




#53
 3-Nitroaniline
 Concen: 42.173 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

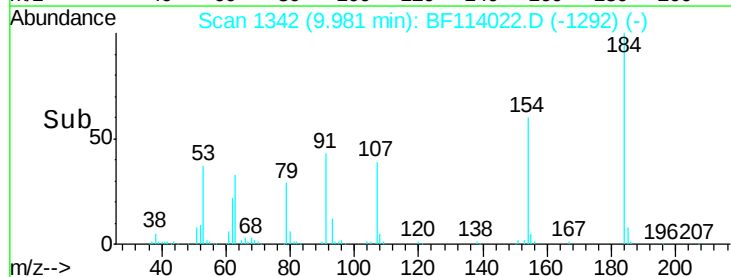
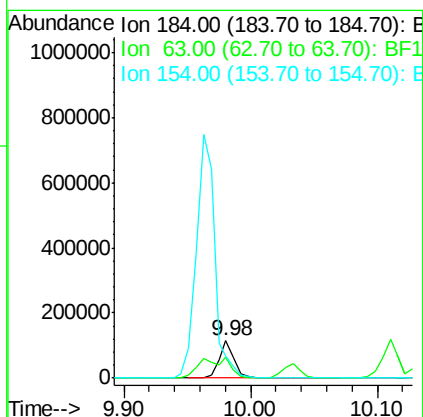
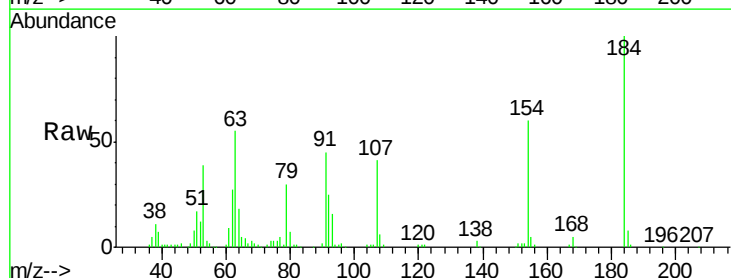
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

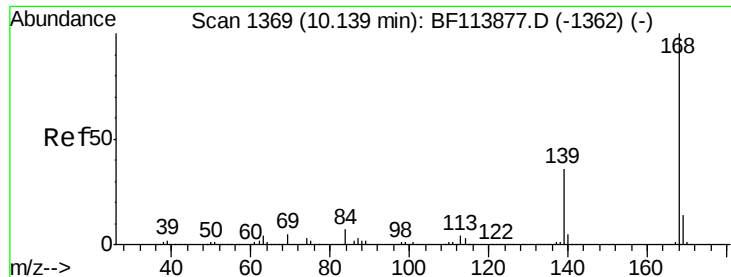
Tgt Ion:138 Resp: 217958
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.4 14.2
 92 104.5 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 49.014 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion:184 Resp: 96644
 Ion Ratio Lower Upper
 184 100
 63 55.0 54.6 81.8
 154 60.3 218.6 328.0#

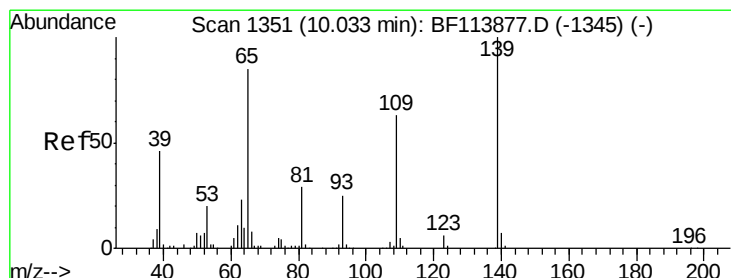
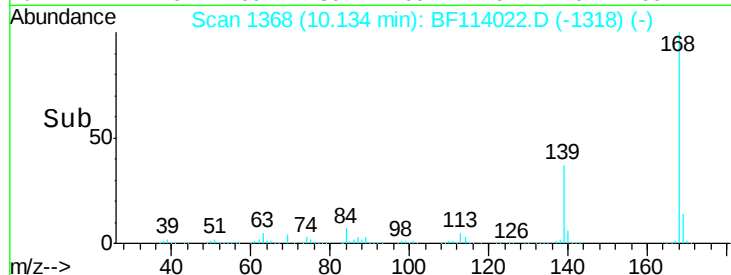
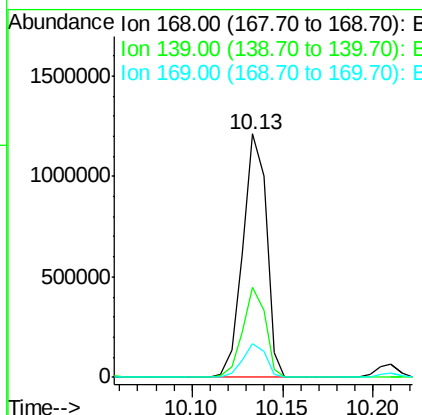
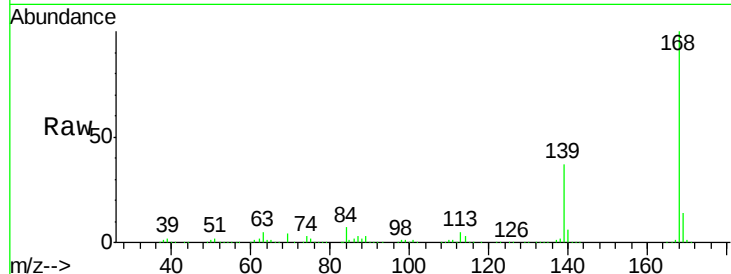




#55
Dibenzenofuran
Concen: 40.247 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

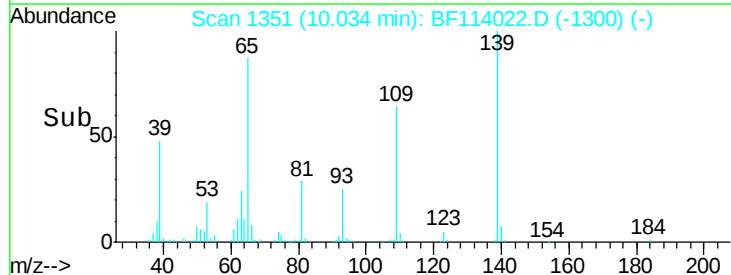
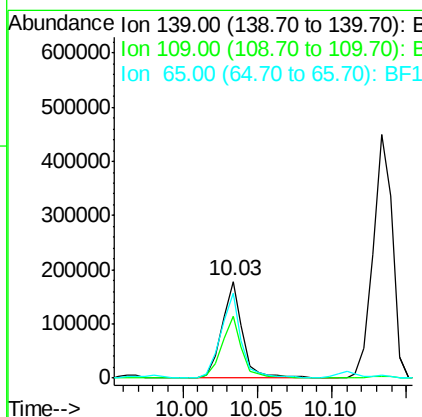
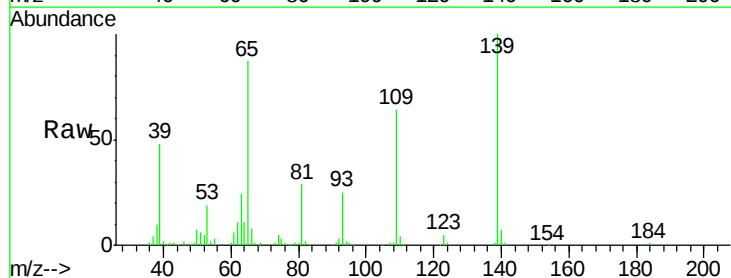
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

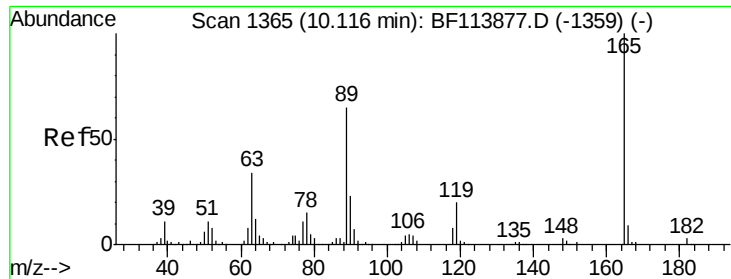
Tgt Ion:168 Resp: 1098378
Ion Ratio Lower Upper
168 100
139 37.1 27.8 41.6
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 42.665 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:139 Resp: 174584
Ion Ratio Lower Upper
139 100
109 64.4 42.9 82.9
65 87.2 64.4 104.4

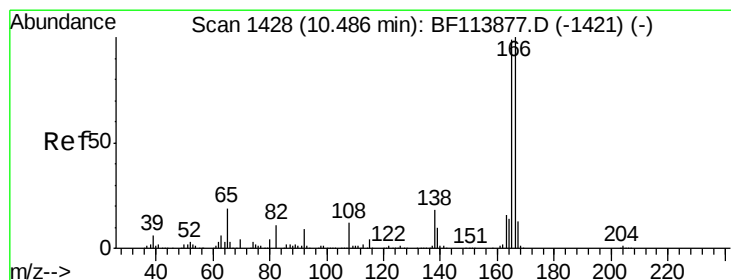
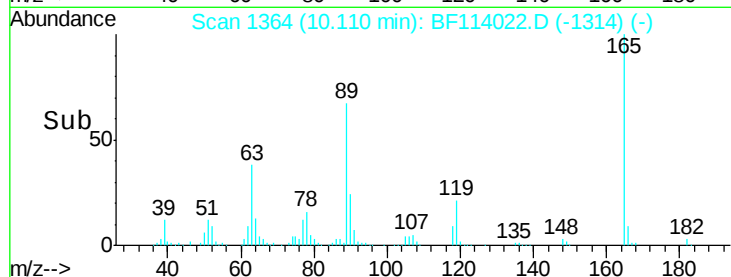
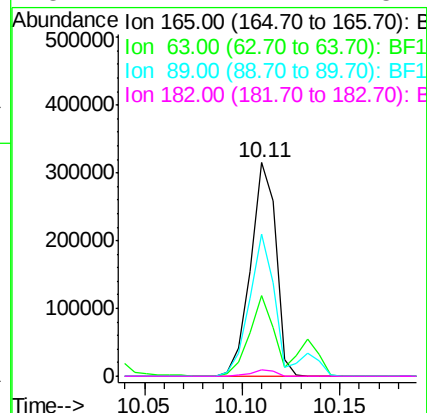
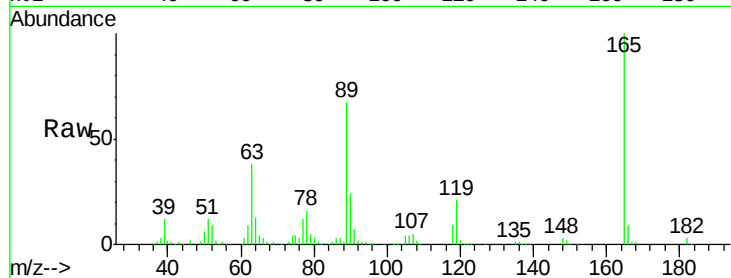




#57
2,4-Dinitrotoluene
Concen: 45.790 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

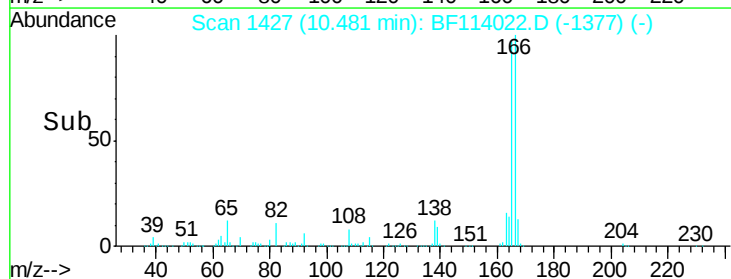
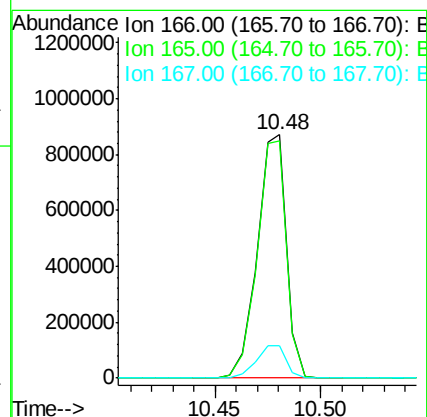
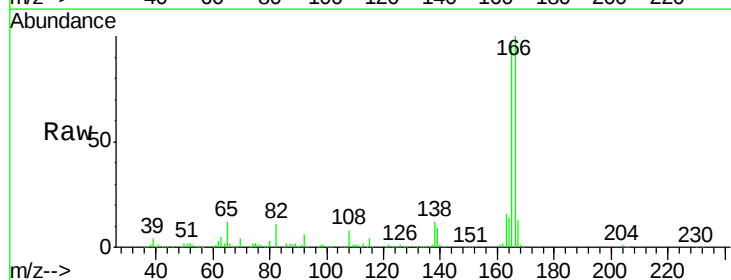
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

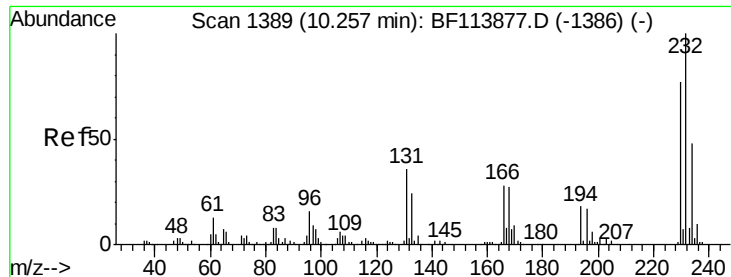
Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.9	27.4	41.0
89	66.8	51.8	77.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 40.631 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.2	10.9	16.3

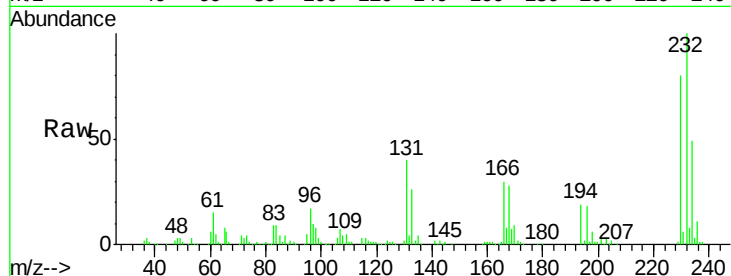




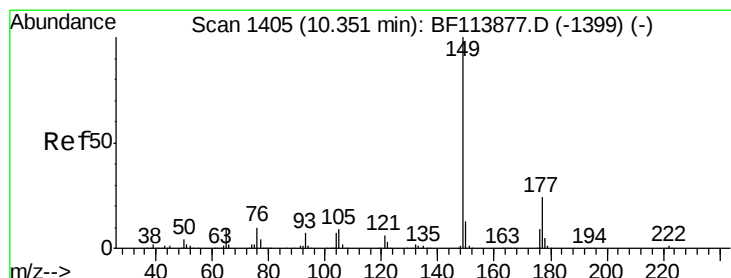
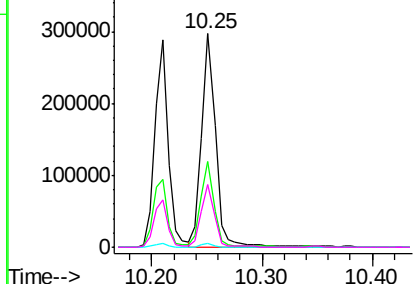
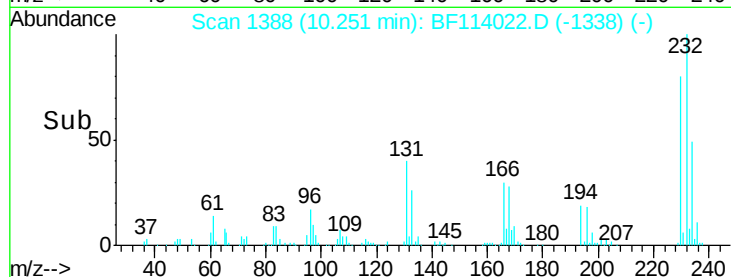
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.208 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 232 Resp: 252688
 Ion Ratio Lower Upper
 232 100
 131 38.5 30.2 45.2
 130 2.0 1.5 2.3
 166 27.8 22.2 33.4

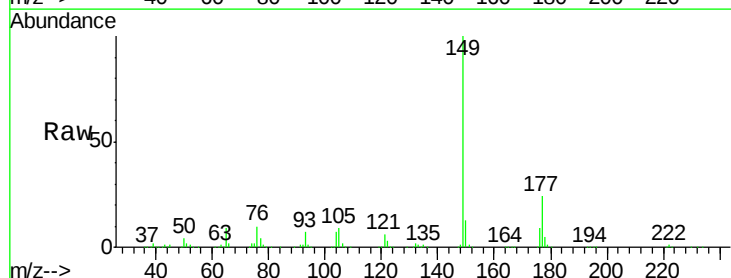


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

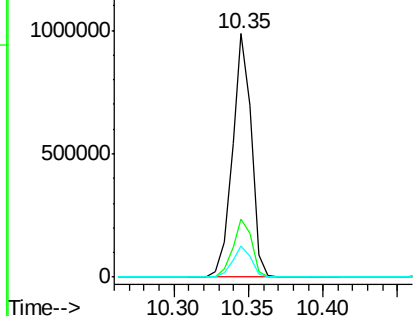
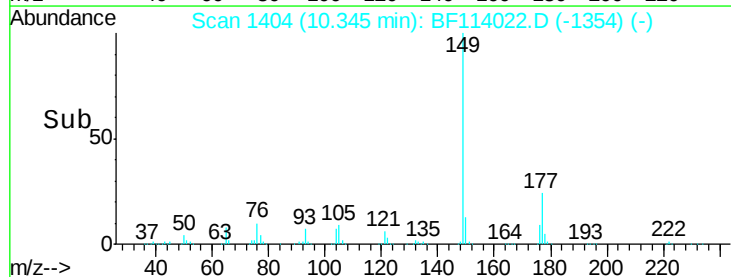


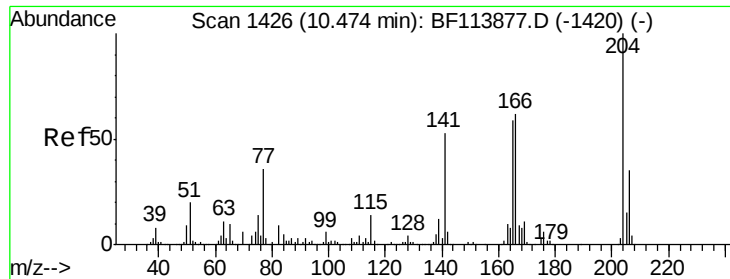
#60
 Diethylphthalate
 Concen: 40.346 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion: 149 Resp: 878322
 Ion Ratio Lower Upper
 149 100
 177 23.7 19.2 28.8
 150 12.8 10.3 15.5



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

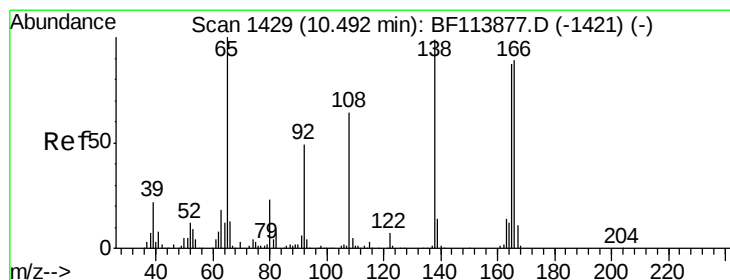
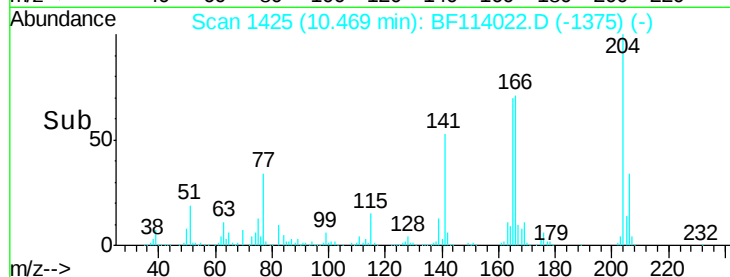
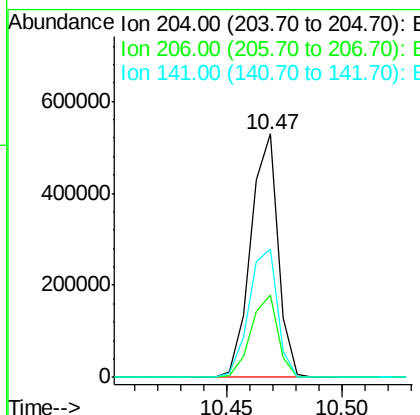
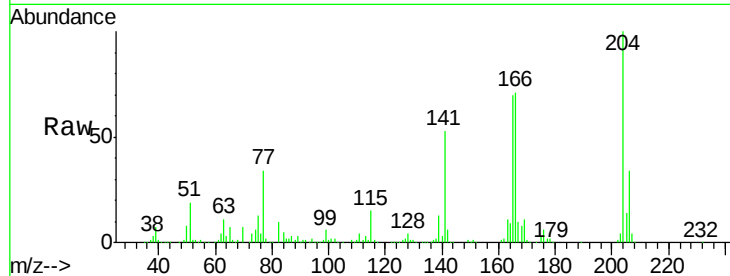




#61
4-Chlorophenyl-phenylether
Concen: 40.397 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

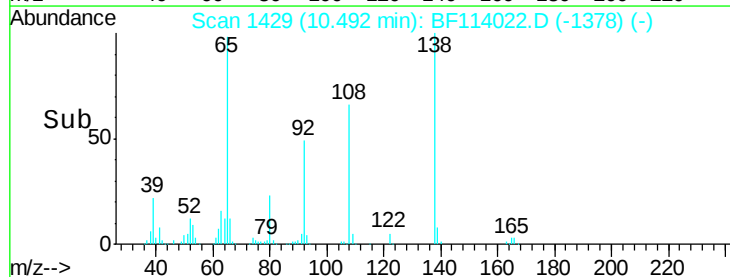
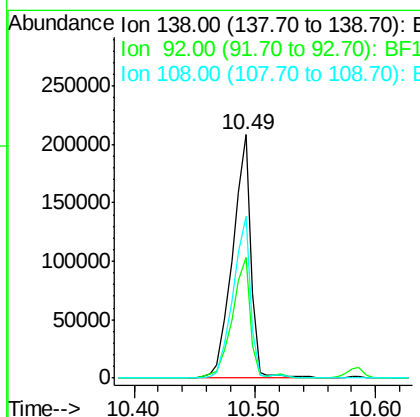
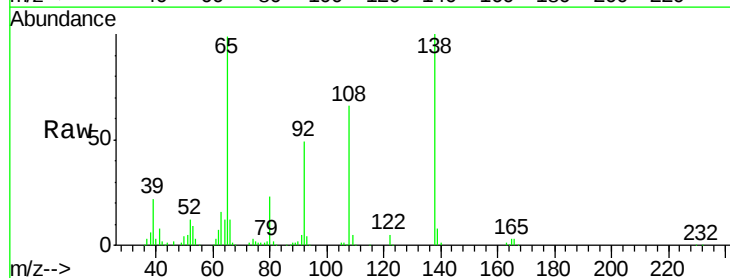
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

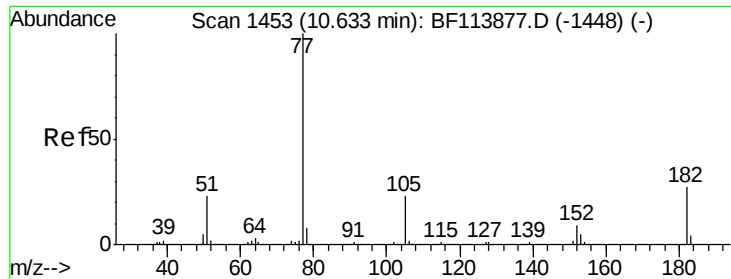
Tgt Ion: 204 Resp: 439580
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 53.0 42.6 63.8



#62
4-Nitroaniline
Concen: 43.805 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion: 138 Resp: 220927
Ion Ratio Lower Upper
138 100
92 49.4 31.3 71.3
108 66.4 48.9 88.9





#63

Azobenzene

Concen: 39.788 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 839489

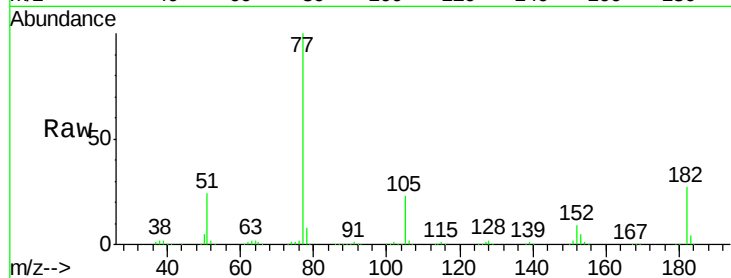
Ion Ratio Lower Upper

77 100

182 27.2 4.4 44.4

105 22.5 2.2 42.2

51 23.6 3.9 43.9

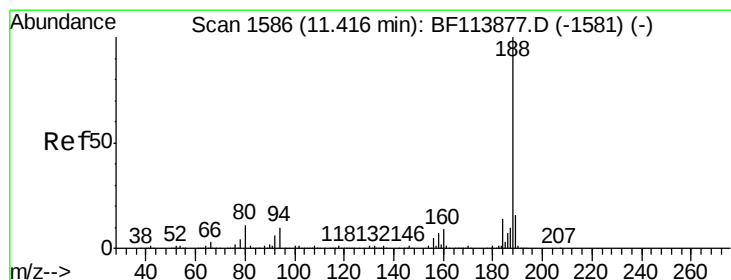
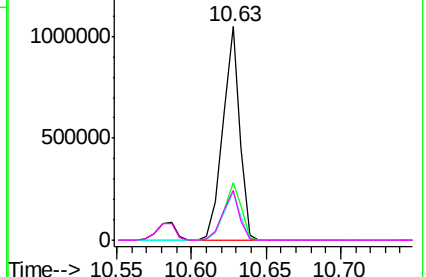
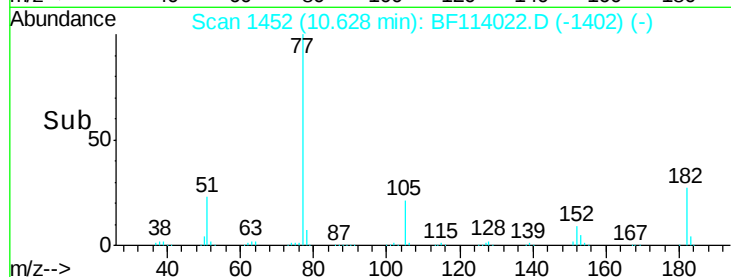


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

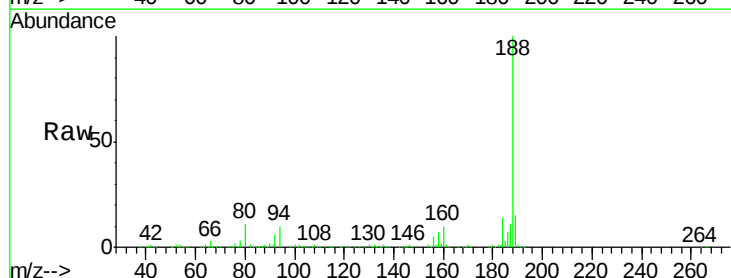
Tgt Ion: 188 Resp: 620458

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

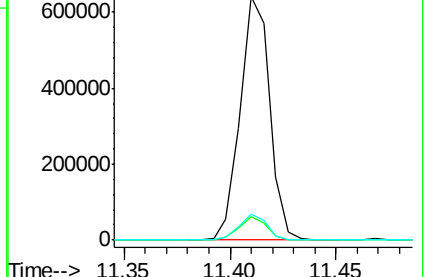
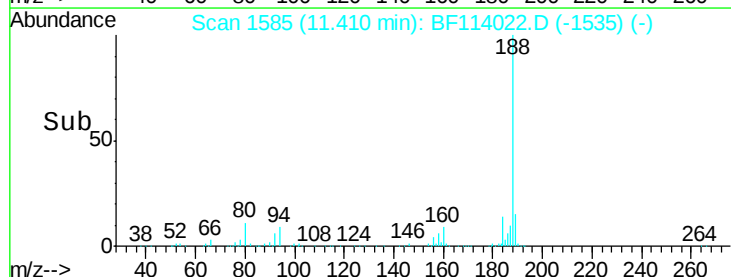
80 10.6 9.0 13.6

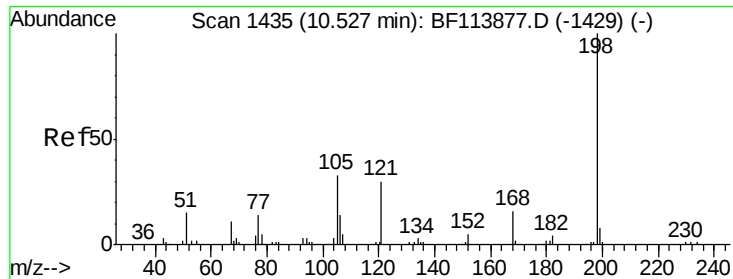


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.717 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

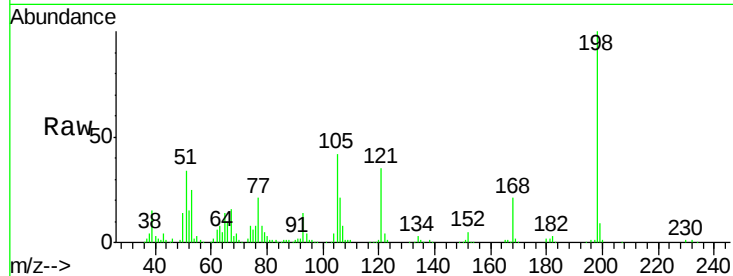
Tgt Ion:198 Resp: 135557

Ion Ratio Lower Upper

198 100

51 34.1 11.1 51.1

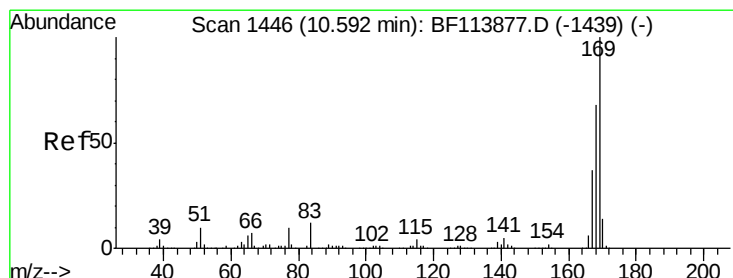
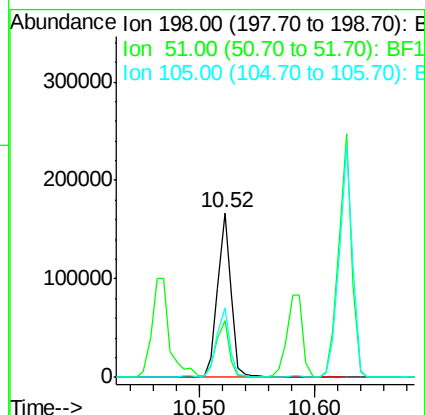
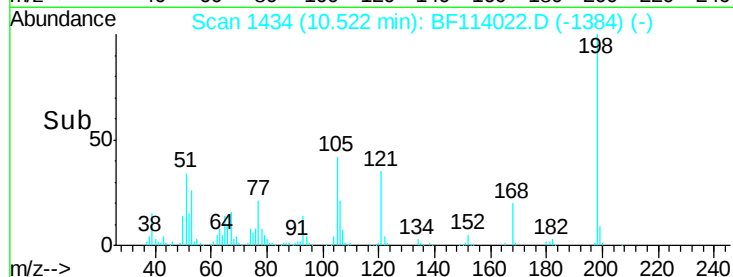
105 42.0 20.7 60.7



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: 39.626 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

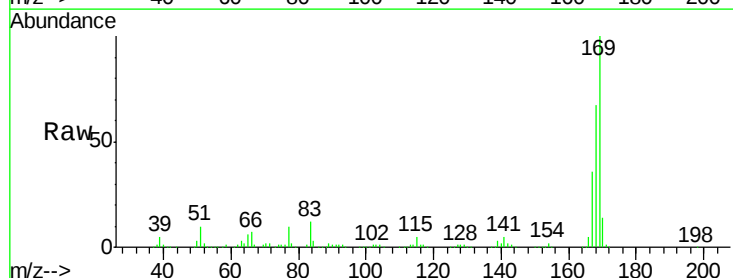
Tgt Ion:169 Resp: 737721

Ion Ratio Lower Upper

169 100

168 67.1 54.3 81.5

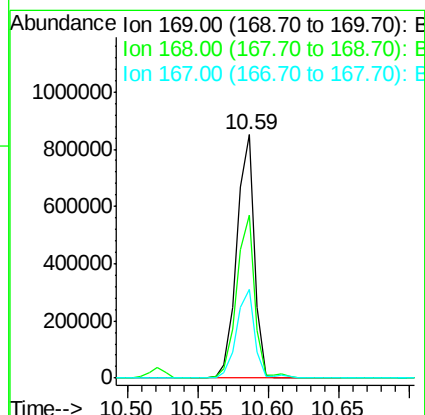
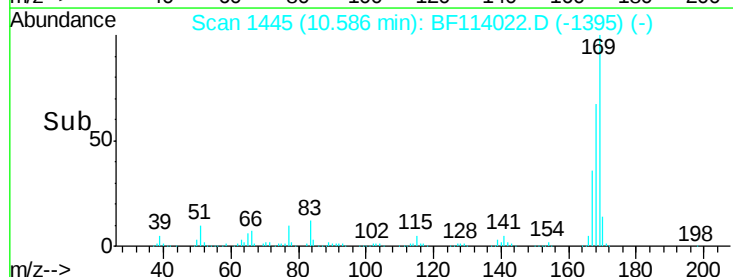
167 36.4 29.4 44.0

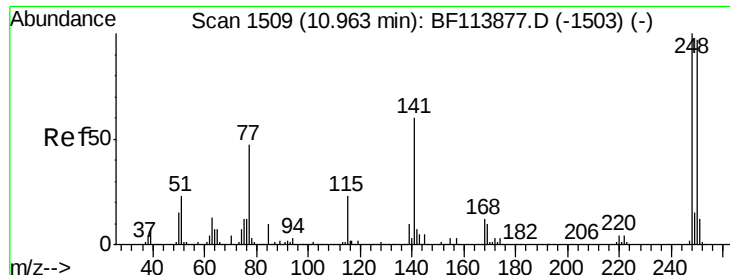


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

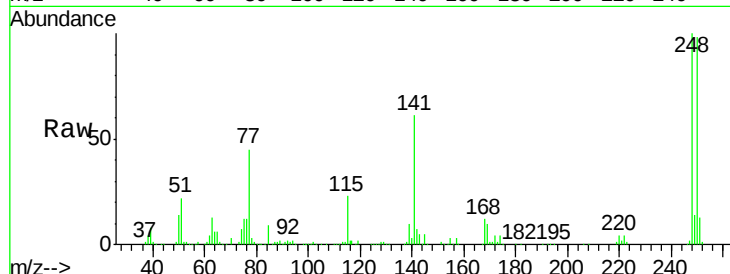




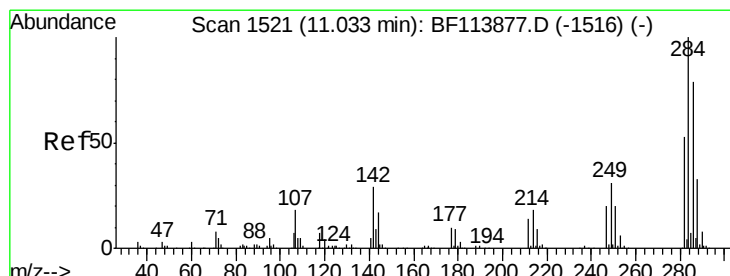
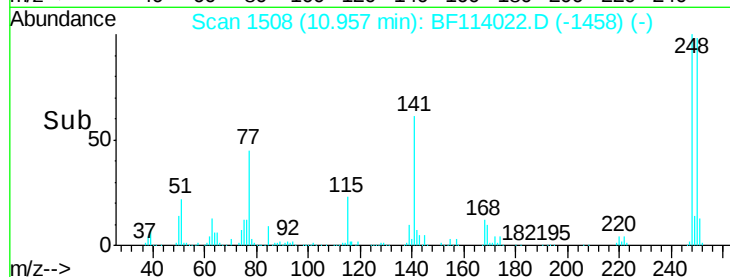
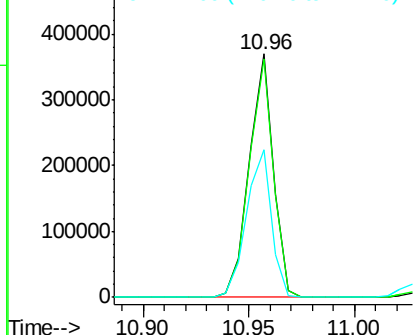
#67
 4-Bromophenyl-phenylether
 Concen: 39.271 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:248 Resp: 294352
 Ion Ratio Lower Upper
 248 100
 250 98.0 75.8 113.6
 141 60.7 50.2 75.4

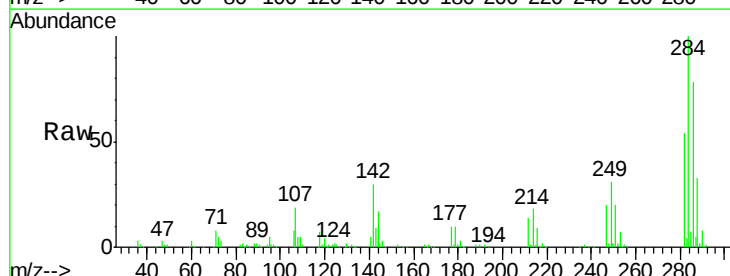


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

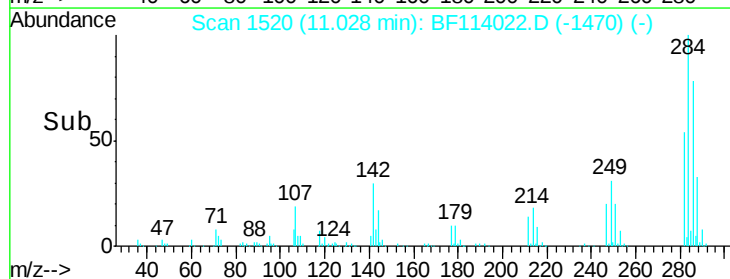
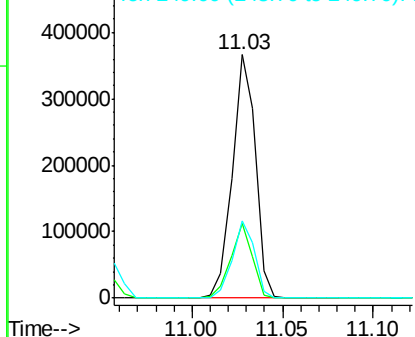


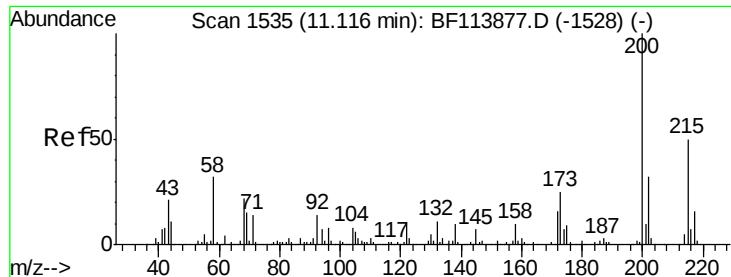
#68
 Hexachlorobenzene
 Concen: 39.411 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion:284 Resp: 324612
 Ion Ratio Lower Upper
 284 100
 142 30.4 23.0 34.4
 249 31.5 24.4 36.6



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: 39.816 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

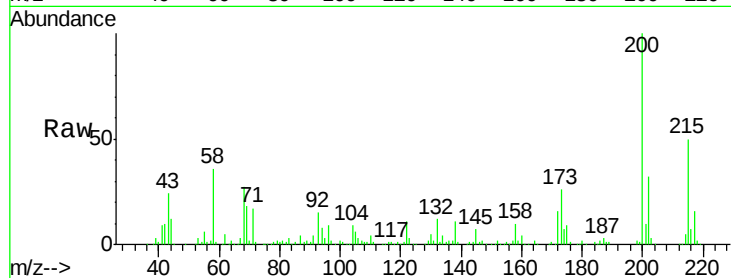
Tgt Ion:200 Resp: 241134

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

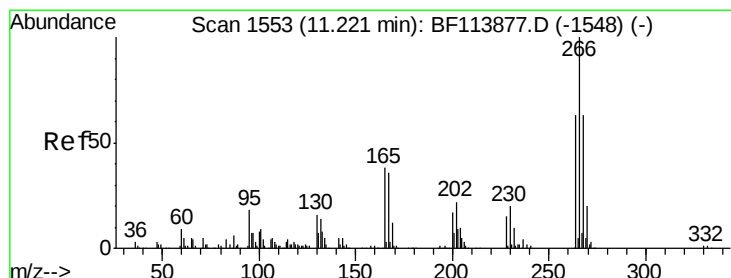
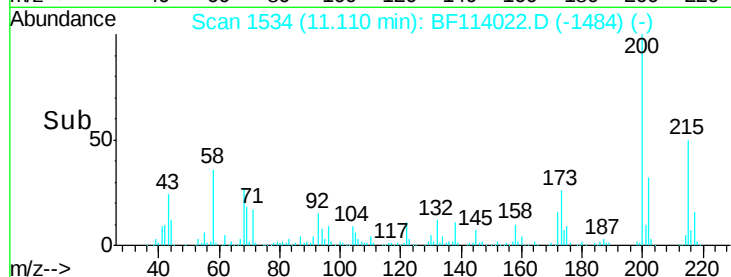
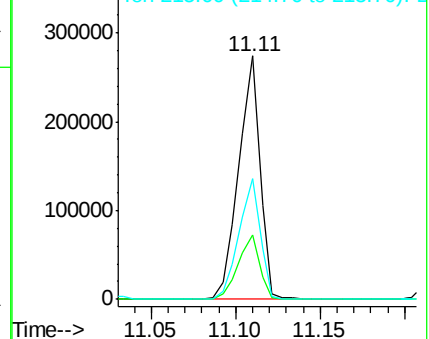
215 49.7 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.826 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

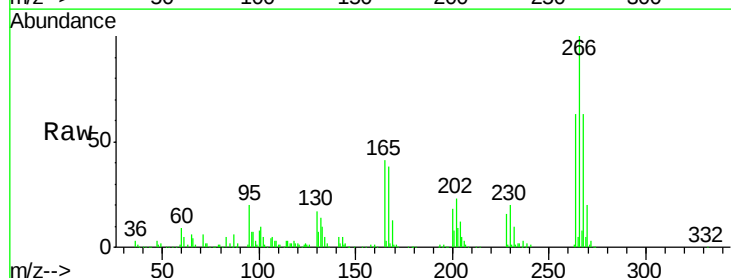
Tgt Ion:266 Resp: 195056

Ion Ratio Lower Upper

266 100

268 63.0 53.5 80.3

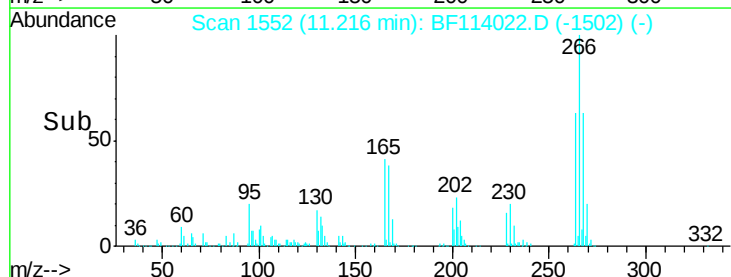
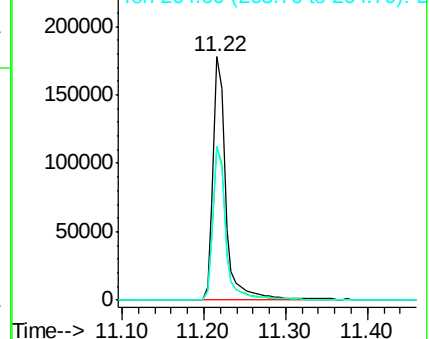
264 63.2 51.0 76.6

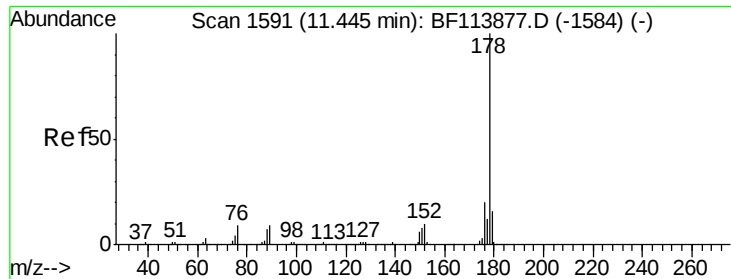


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

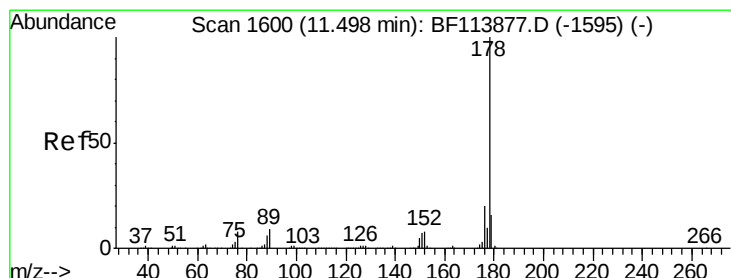
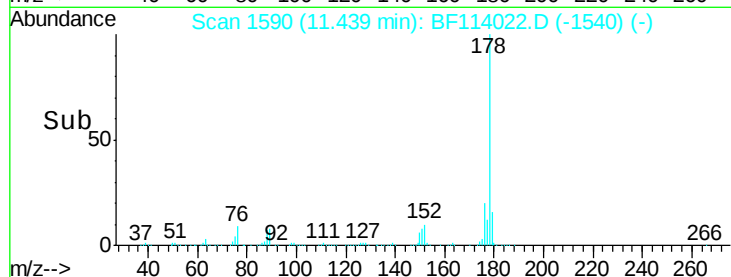
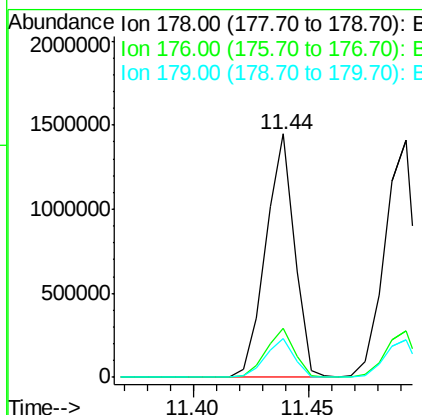
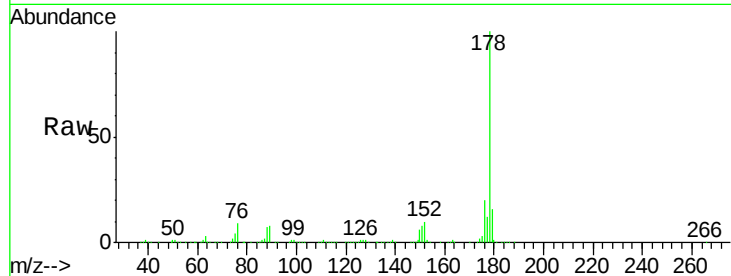




#71
Phenanthrene
Concen: 40.089 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

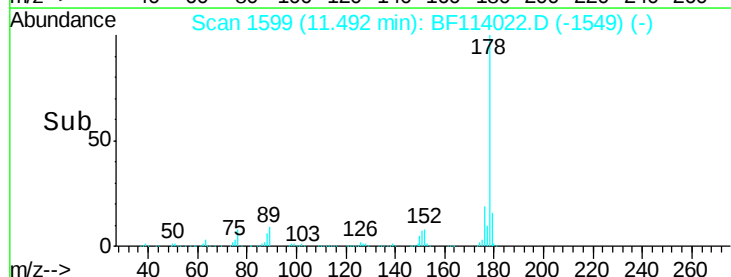
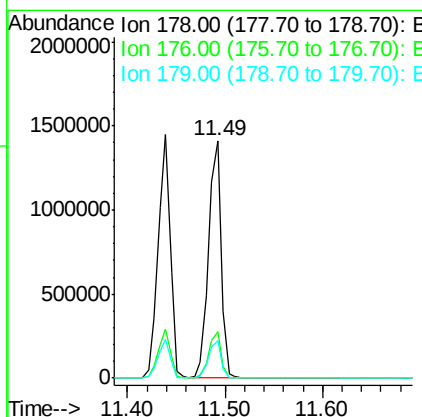
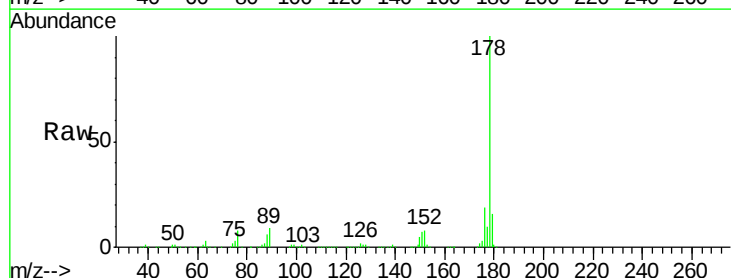
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

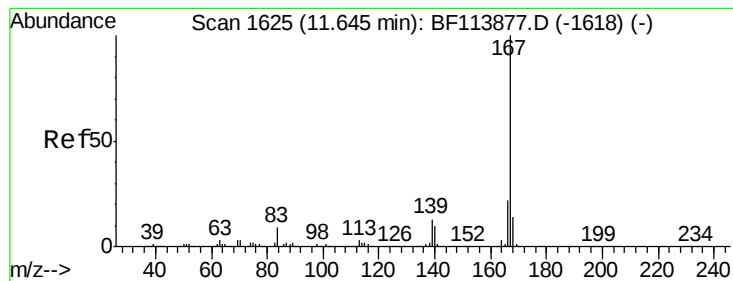
Tgt Ion:178 Resp: 1250047
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.0 12.8 19.2



#72
Anthracene
Concen: 40.505 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:178 Resp: 1275418
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.8 13.0 19.4





#73

Carbazole

Concen: 40.718 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

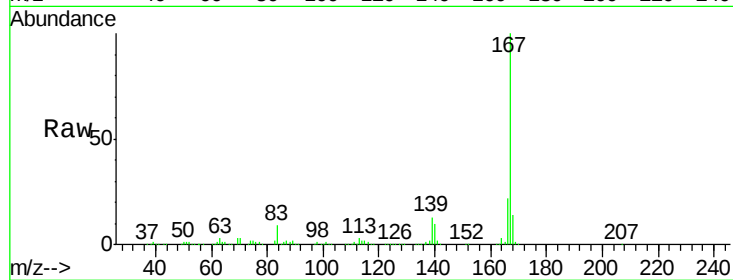
Tgt Ion:167 Resp: 1143854

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

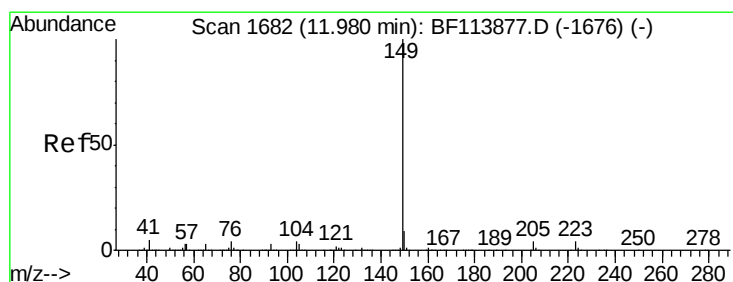
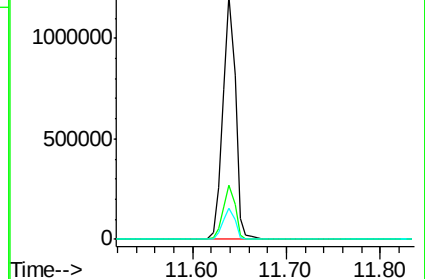
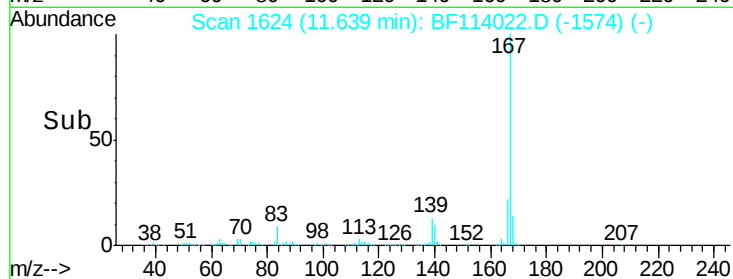
139 12.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.693 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

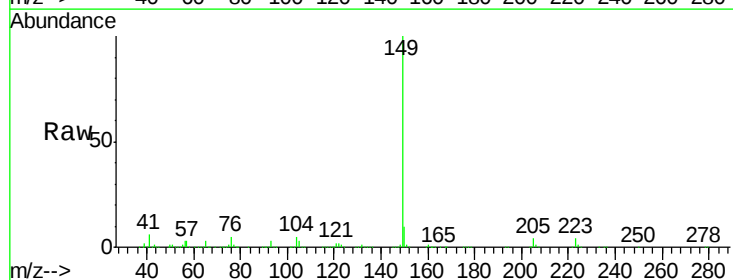
Tgt Ion:149 Resp: 1377752

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

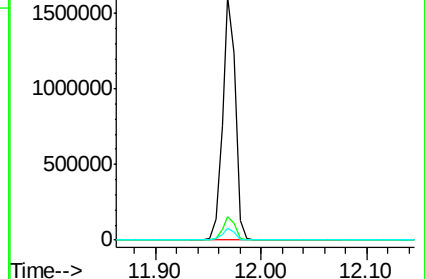
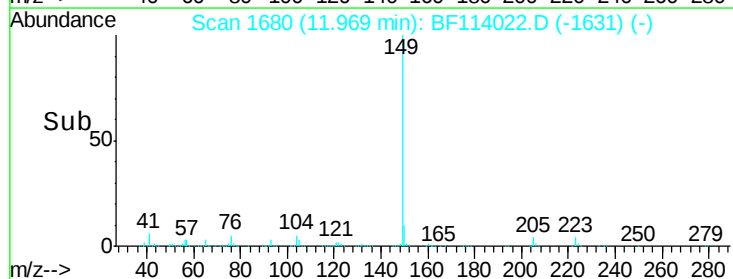
104 4.9 3.8 5.8

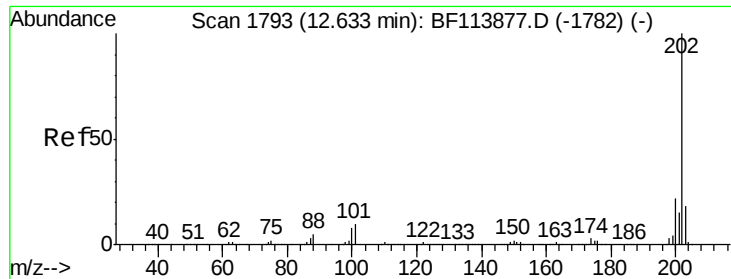


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

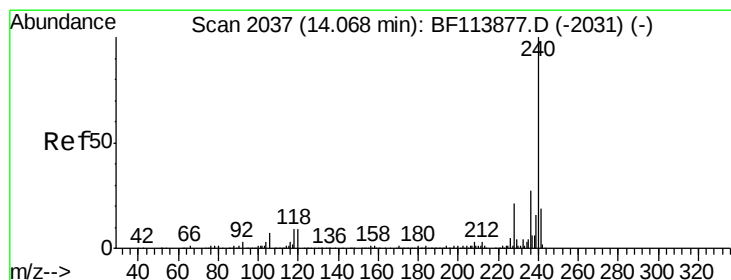
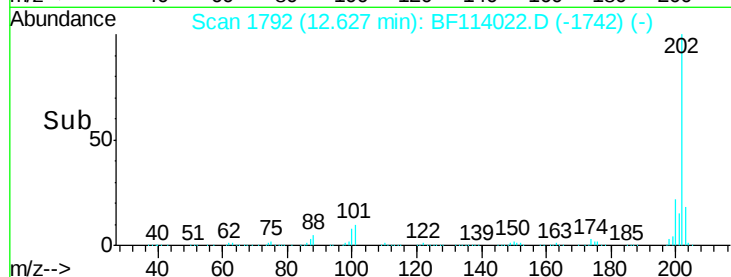
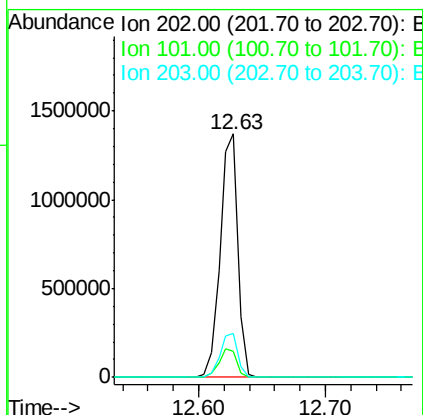
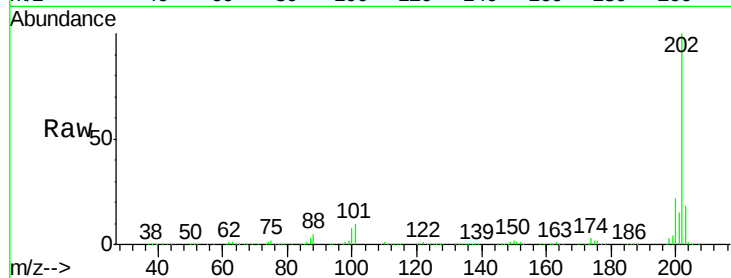




#75
 Fluoranthene
 Concen: 39.097 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

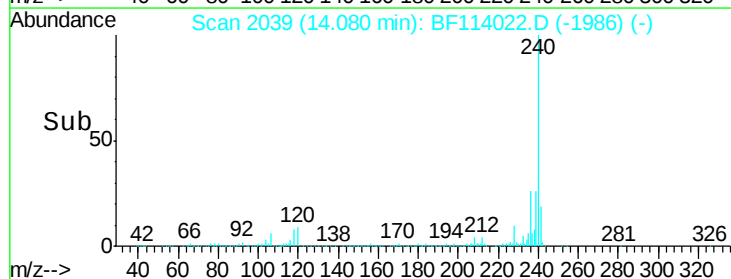
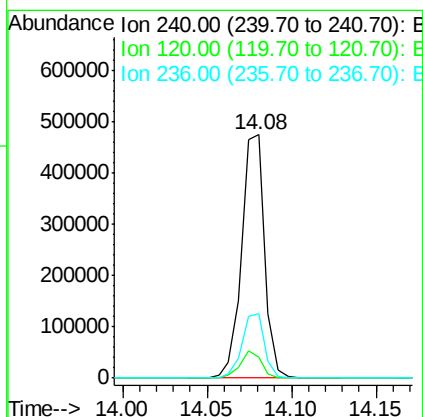
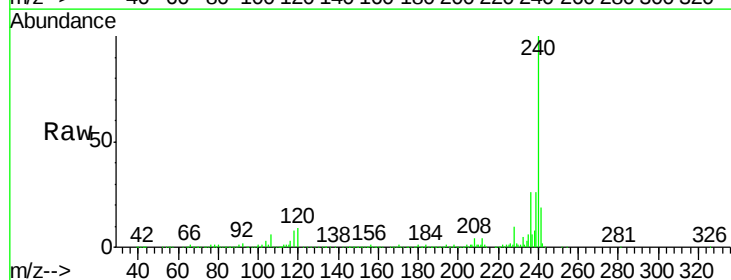
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

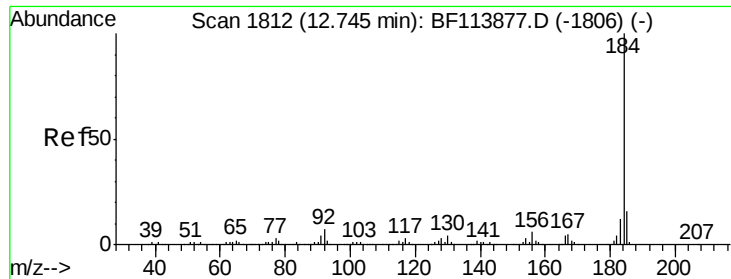
Tgt Ion: 202 Resp: 1330065
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 32.9
 203 17.9 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion: 240 Resp: 449425
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.3 13.9#
 236 26.4 21.2 31.8





#77

Benzidine

Concen: 37.383 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

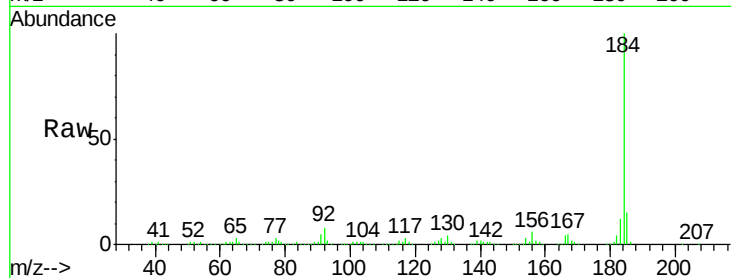
Tgt Ion:184 Resp: 500586

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

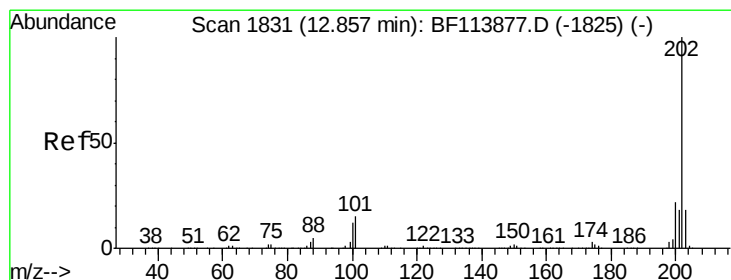
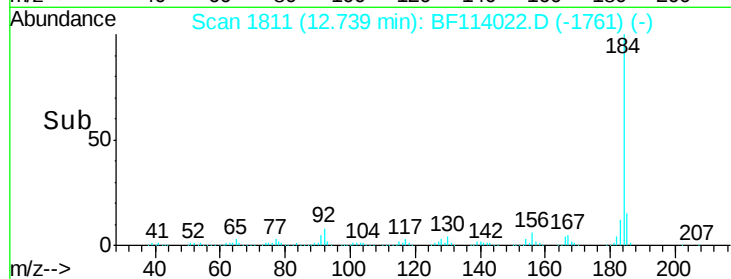
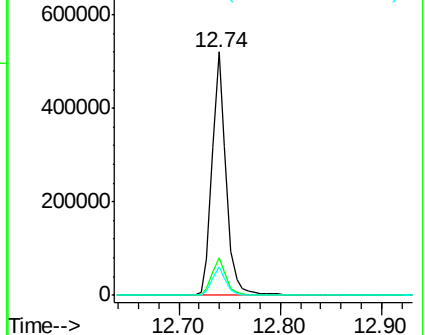
183 11.6 9.4 14.0



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: 42.704 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

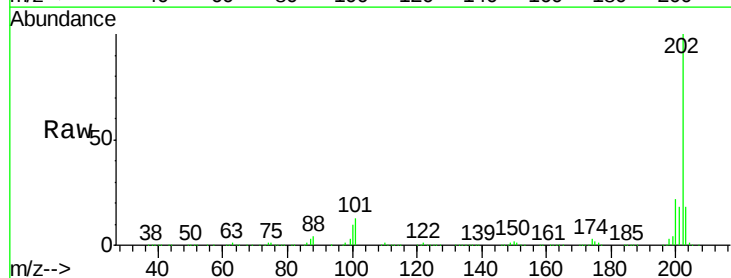
Tgt Ion:202 Resp: 1342131

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

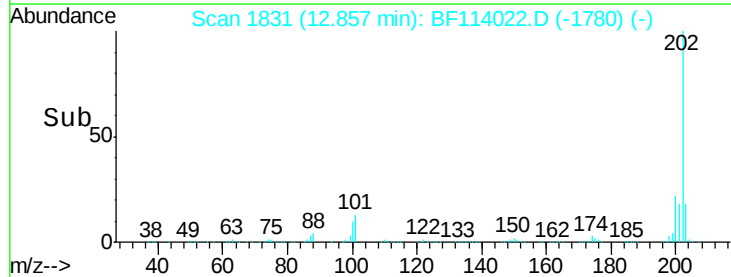
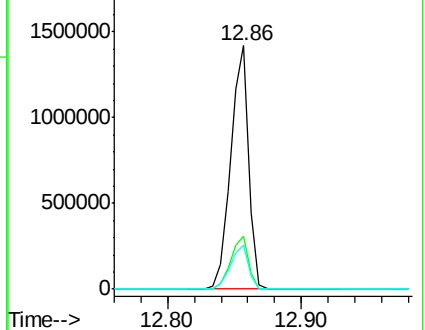
203 17.8 15.0 22.6

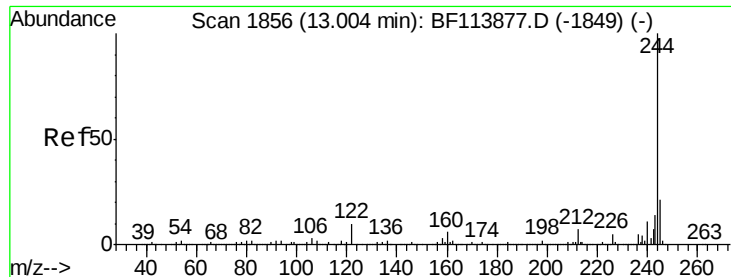


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.119 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

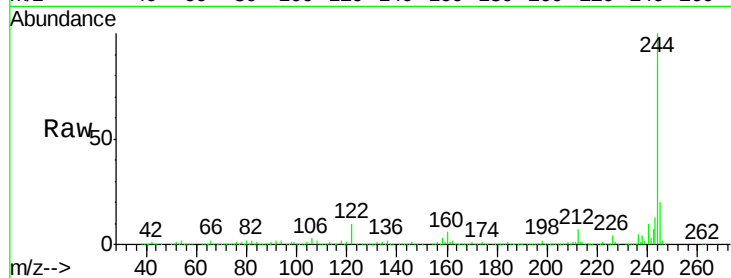
Tgt Ion:244 Resp: 1909798

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

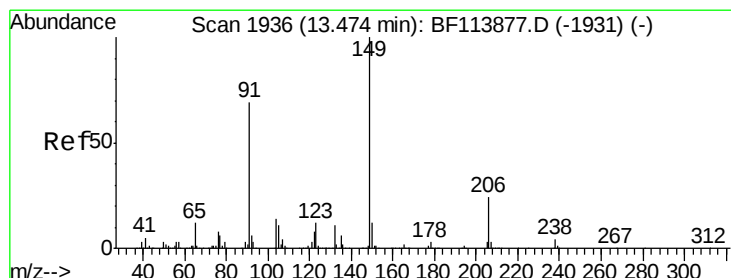
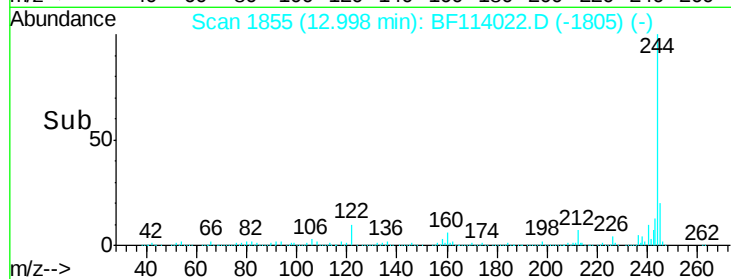
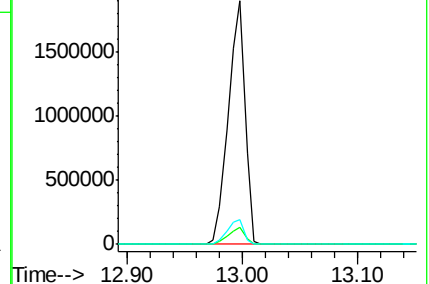
122 10.2 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.000 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

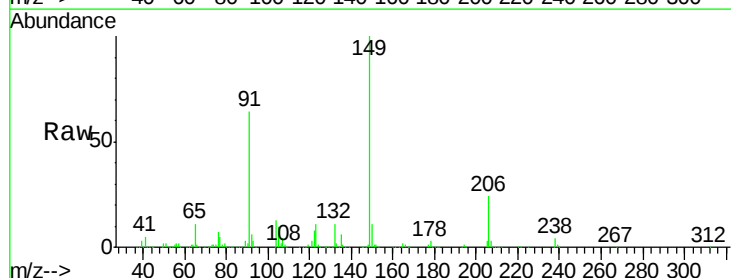
Tgt Ion:149 Resp: 568823

Ion Ratio Lower Upper

149 100

91 64.0 56.3 84.5

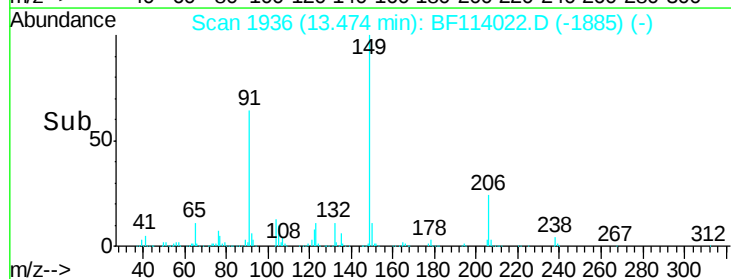
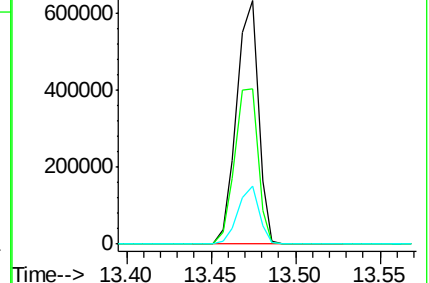
206 23.9 19.0 28.6

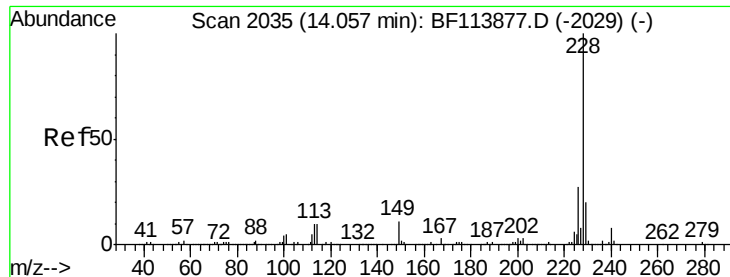


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.117 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 1168182

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.9	16.0	24.0

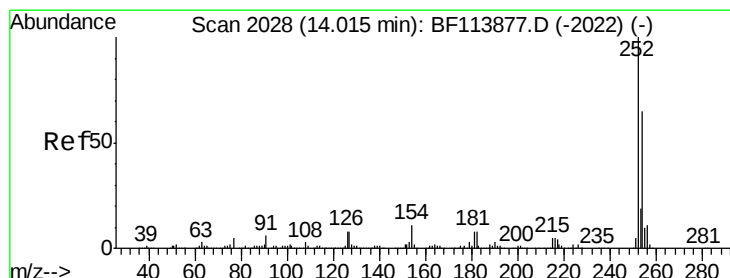
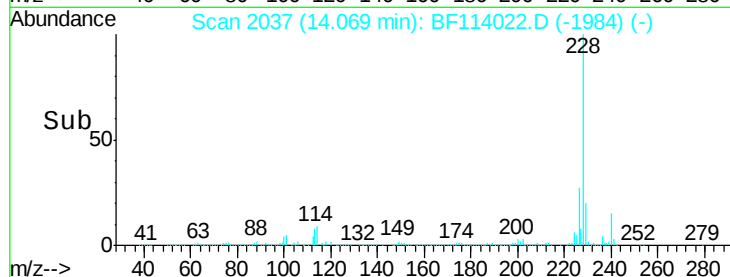
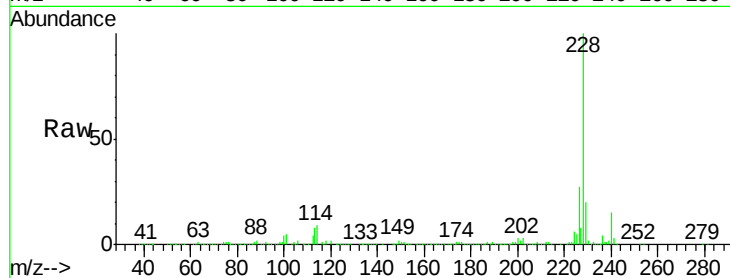
Abundance

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

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 45.772 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Tgt Ion:252 Resp: 444238

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	10.2	9.3	13.9

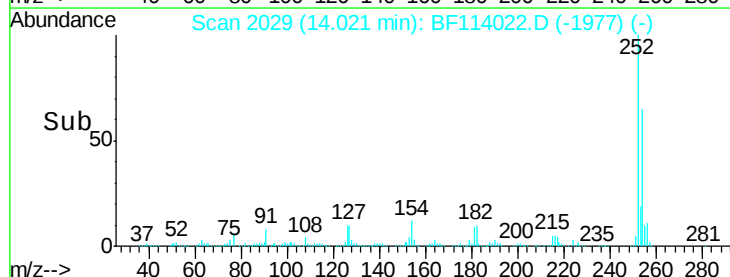
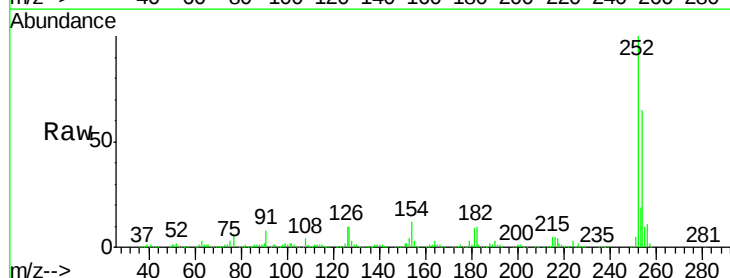
Abundance

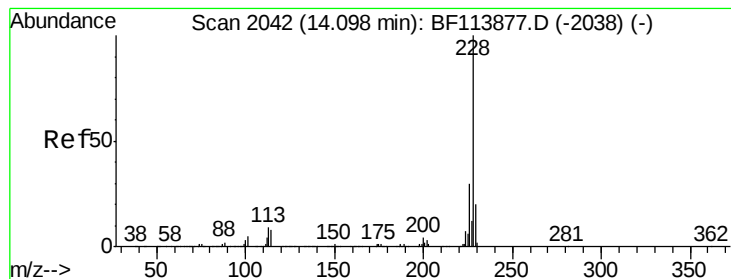
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->





#83

Chrysene

Concen: 44.092 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

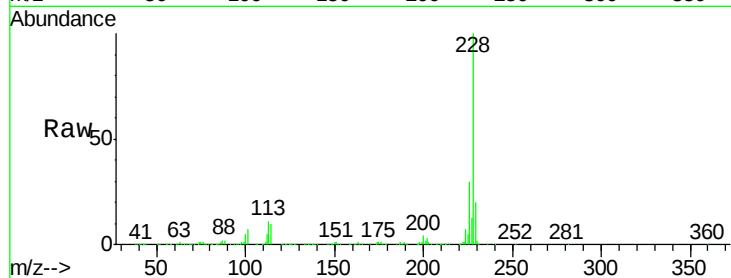
Tgt Ion:228 Resp: 1137055

Ion Ratio Lower Upper

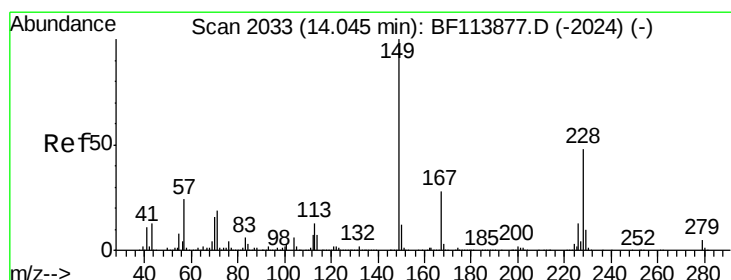
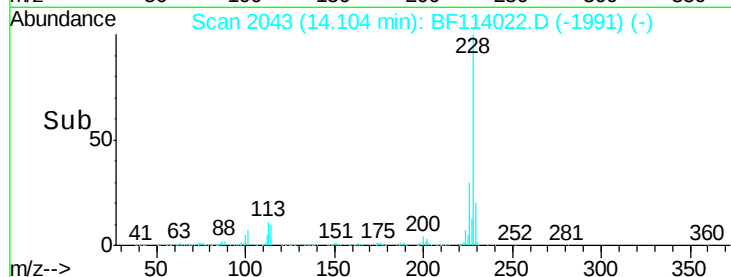
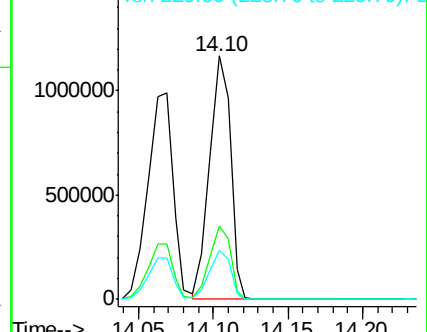
228 100

226 30.3 25.2 37.8

229 20.2 16.7 25.1



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: 47.044 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

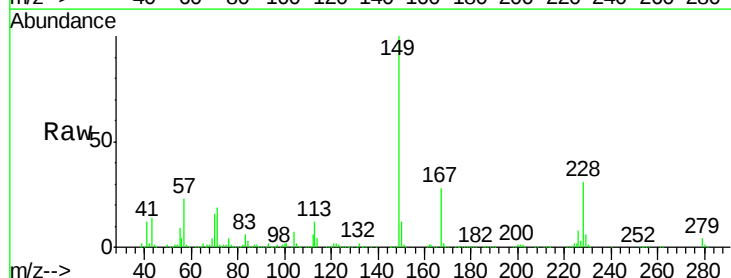
Tgt Ion:149 Resp: 740146

Ion Ratio Lower Upper

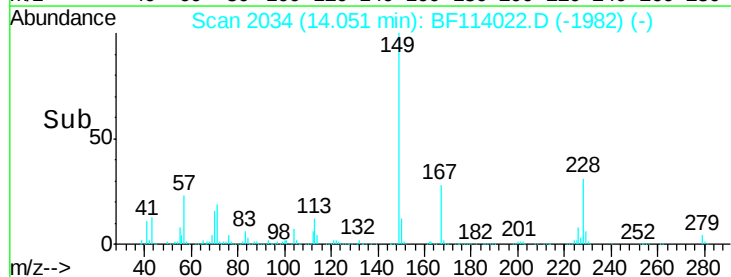
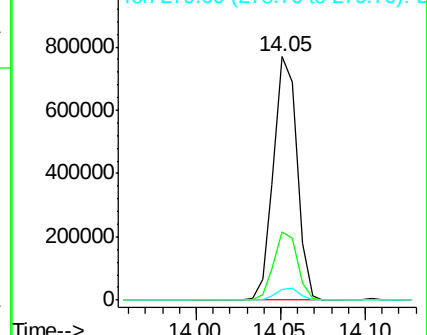
149 100

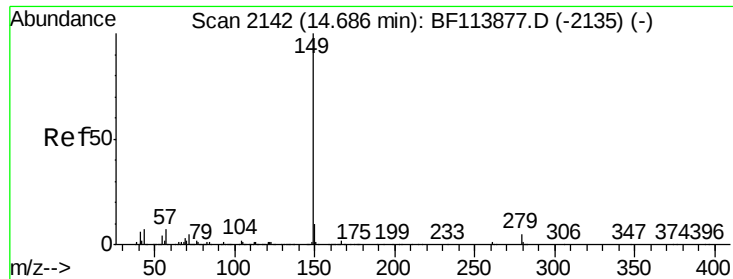
167 28.1 22.9 34.3

279 4.4 4.2 6.2



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

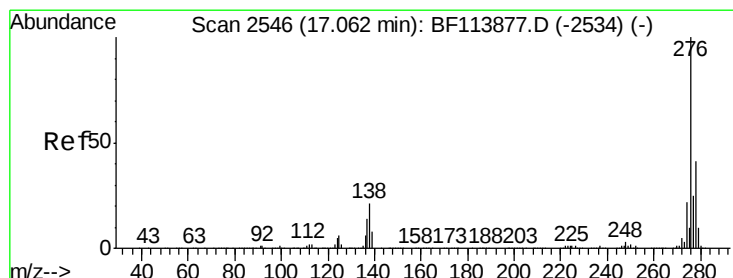
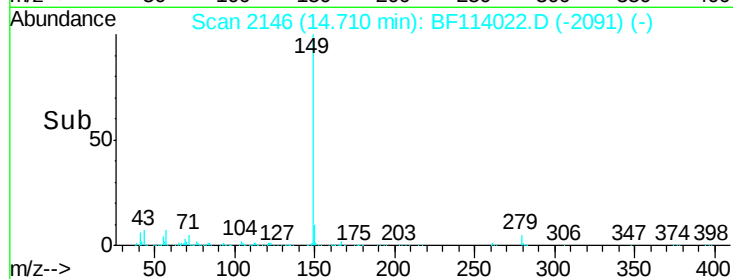
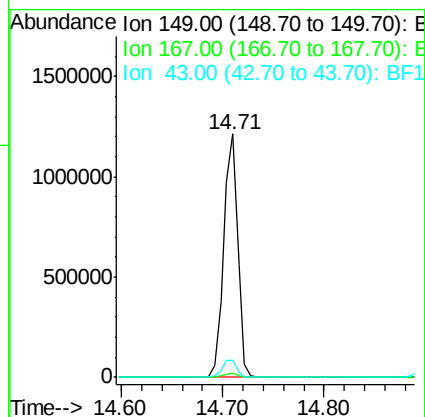
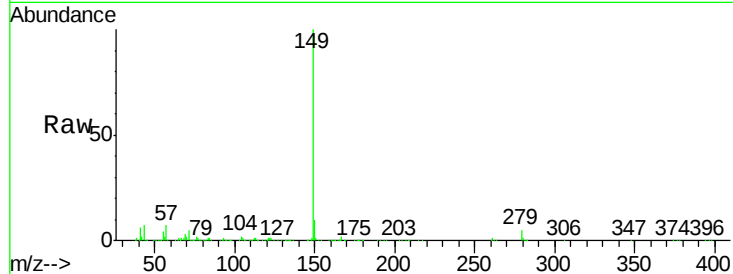




#85
Di-n-octyl phthalate
Concen: 46.977 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

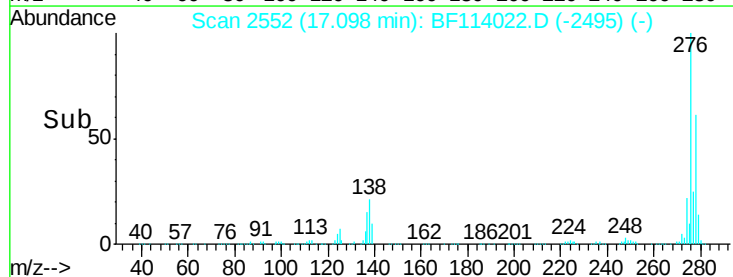
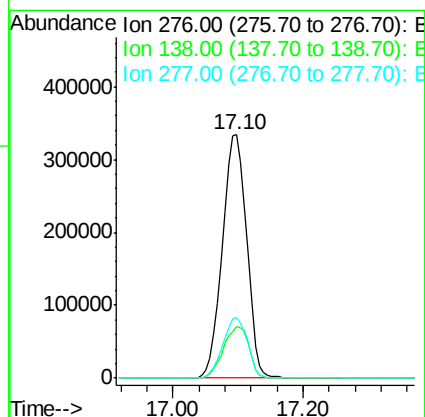
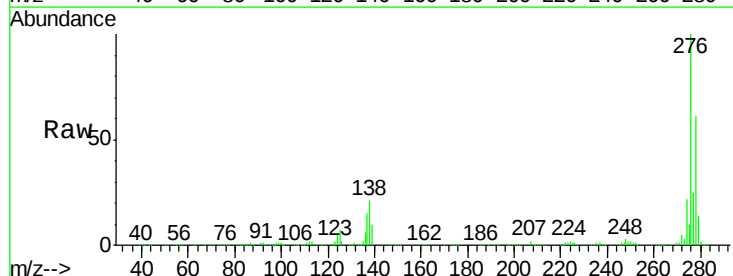
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

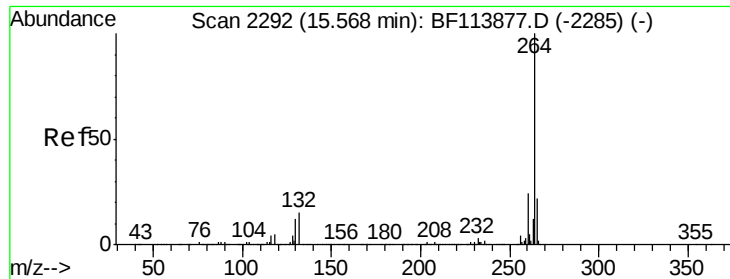
Tgt Ion:149 Resp: 1156838
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.460 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.04 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:276 Resp: 866197
Ion Ratio Lower Upper
276 100
138 22.4 19.6 29.4
277 25.1 20.2 30.4

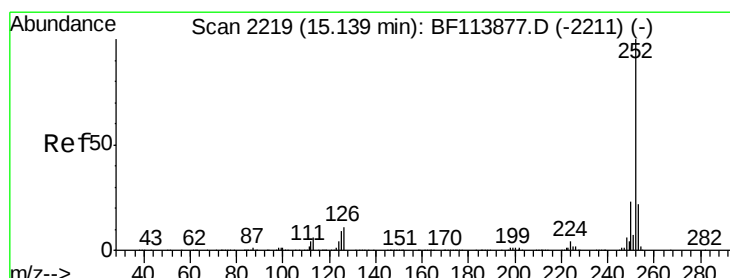
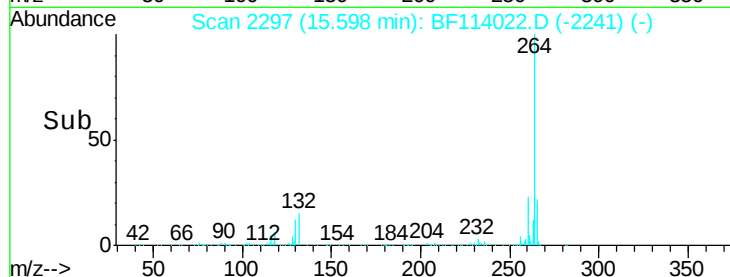
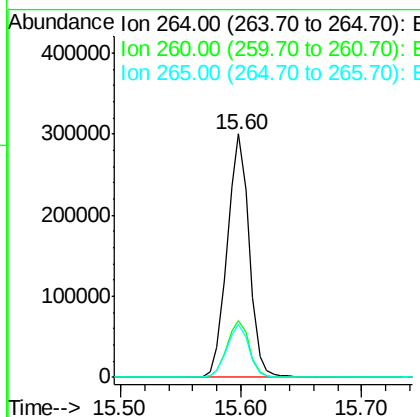
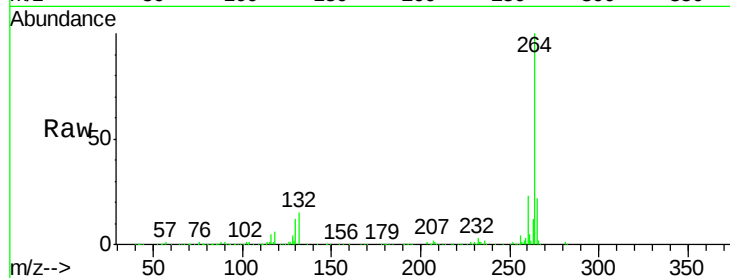




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. 0.03 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

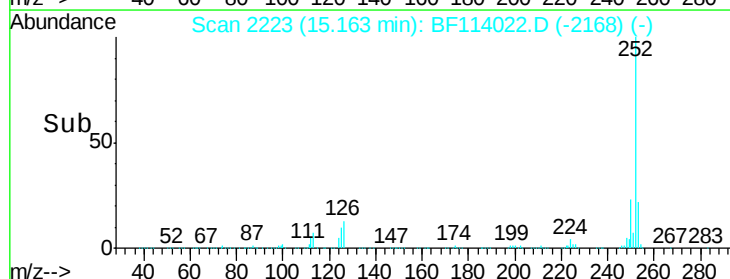
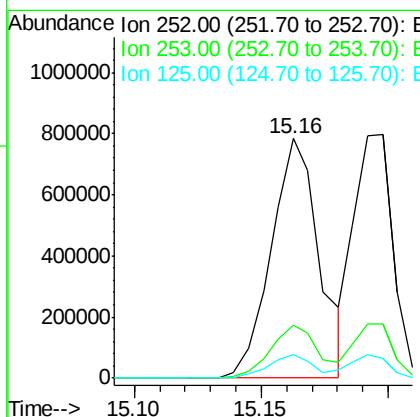
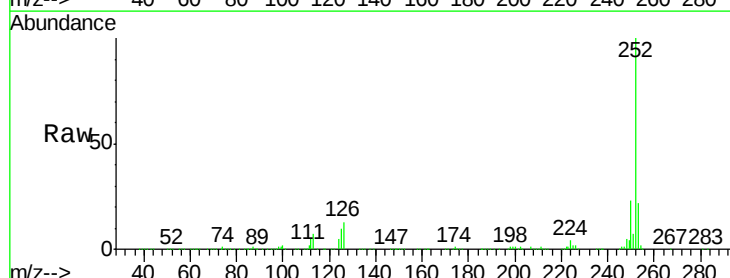
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

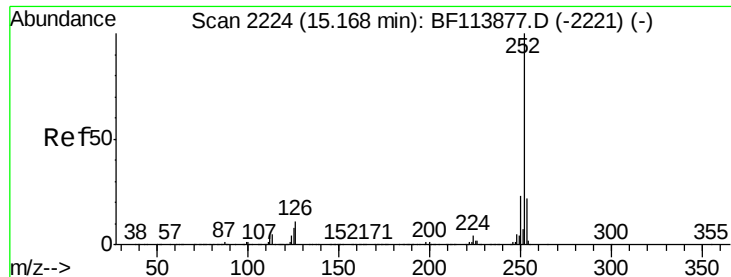
Tgt Ion: 264 Resp: 379172
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.7 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 43.225 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. 0.02 min
 Lab File: BF114022.D
 Acq: 29 Apr 2019 14:37

Tgt Ion: 252 Resp: 1036969
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 9.6 7.0 10.6

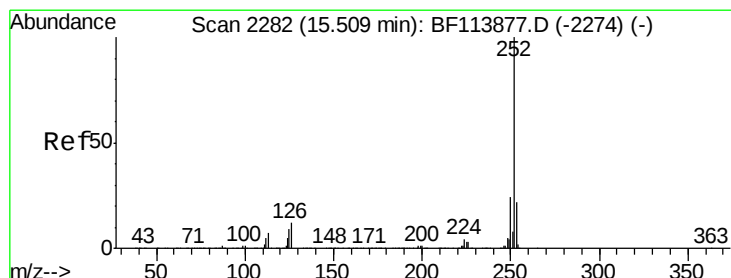
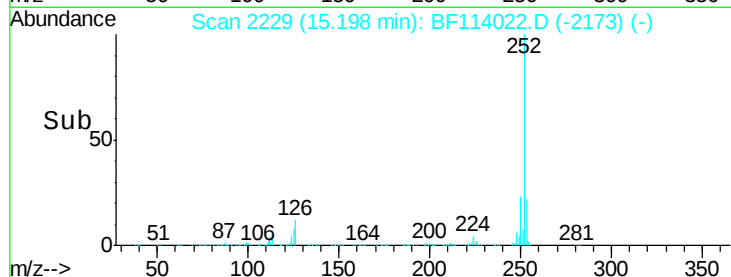
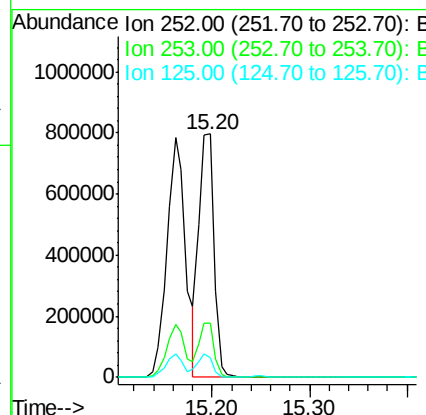
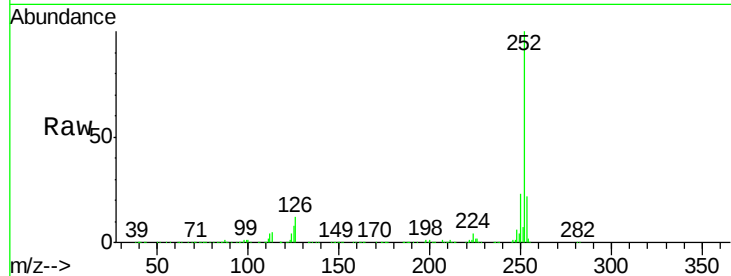




#89
Benzo(k)fluoranthene
Concen: 41.661 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.03 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

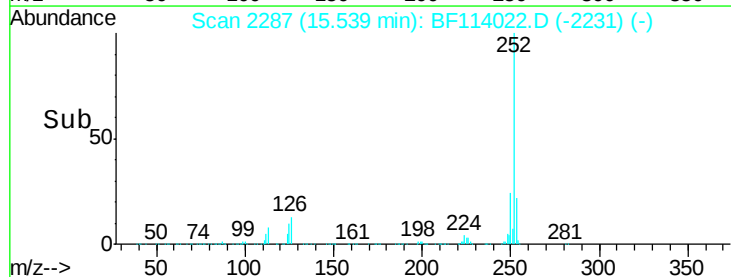
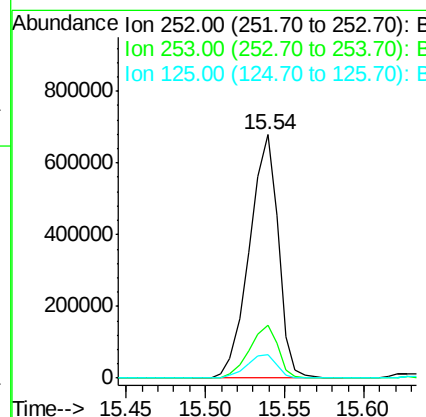
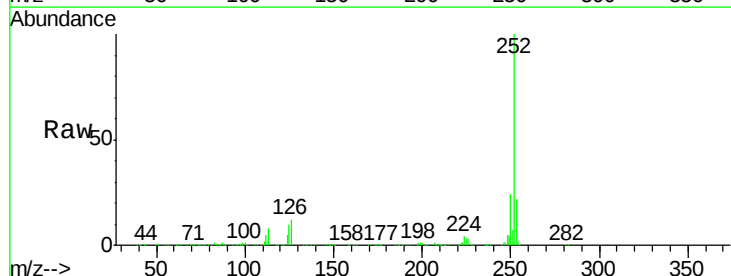
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

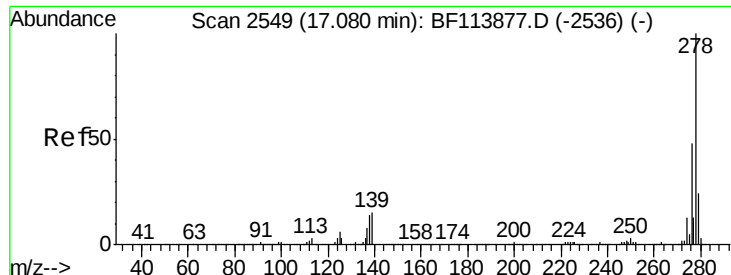
Tgt Ion:252 Resp: 859694
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.475 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.03 min
Lab File: BF114022.D
Acq: 29 Apr 2019 14:37

Tgt Ion:252 Resp: 860617
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.7 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.583 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.04 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

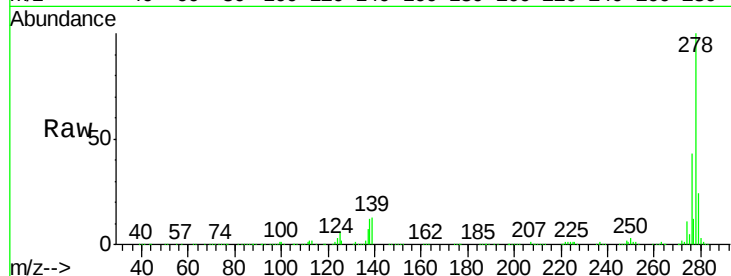
Tgt Ion: 278 Resp: 712580

Ion Ratio Lower Upper

278 100

139 13.1 11.6 17.4

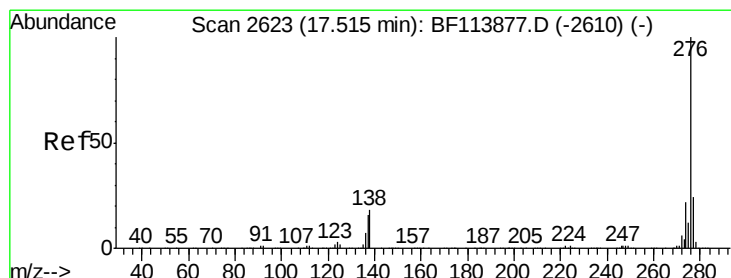
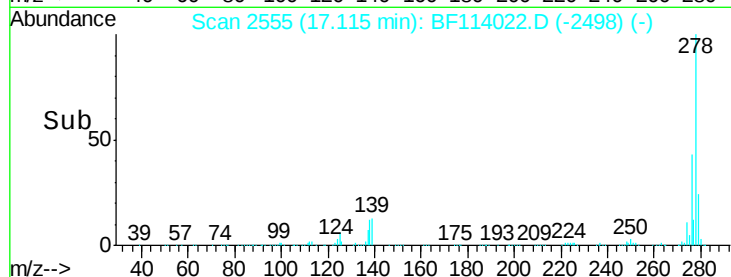
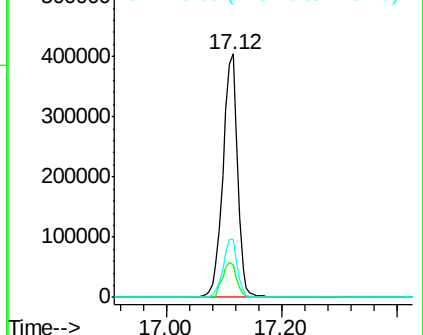
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.562 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.03 min

Lab File: BF114022.D

Acq: 29 Apr 2019 14:37

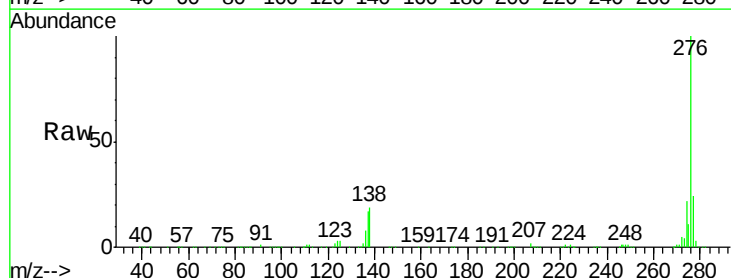
Tgt Ion: 276 Resp: 699046

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 19.4 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

