

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
 Data File : BF114024.D
 Acq On : 29 Apr 2019 15:55
 Operator : JU/SJ
 Sample : SSTDCCC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 01:21:06 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	161995	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	633134	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	330786	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	656468	20.00	ng	0.00
76) Chrysene-d12	14.05	240	483249	20.00	ng	-0.02
87) Perylene-d12	15.53	264	419456	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	730767	77.15	ng	0.00
7) Phenol-d6	6.53	99	927397	78.04	ng	0.00
23) Nitrobenzene-d5	7.46	82	866246	84.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	331361	82.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1679864	79.43	ng	0.00
79) Terphenyl-d14	13.00	244	1983070	84.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	165361	37.037	ng	95
3) Pyridine	3.46	79	439036	36.026	ng	96
4) n-Nitrosodimethylamine	3.42	42	153775	36.861	ng	94
6) Aniline	6.56	93	635842	38.967	ng	99
8) 2-Chlorophenol	6.69	128	434341	40.166	ng	95
9) Benzaldehyde	6.45	77	263622	38.769	ng	94
10) Phenol	6.54	94	545435	38.386	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	420796	39.353	ng	95
12) 1,3-Dichlorobenzene	6.84	146	484720	39.579	ng	99
13) 1,4-Dichlorobenzene	6.92	146	487702	39.592	ng	99
14) 1,2-Dichlorobenzene	7.07	146	454190	40.120	ng	99
15) Benzyl Alcohol	7.03	79	366616	45.809	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	471733	37.793	ng	93
17) 2-Methylphenol	7.15	107	341189	35.995	ng	98
18) Hexachloroethane	7.41	117	172371	39.918	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	307296	39.933	ng	97
20) 3+4-Methylphenols	7.30	107	424756	39.662	ng	# 89
22) Acetophenone	7.30	105	565758	40.155	ng	# 92
24) Nitrobenzene	7.48	77	471943	41.653	ng	95
25) Isophorone	7.72	82	833612	39.730	ng	100
26) 2-Nitrophenol	7.79	139	237945	46.033	ng	95
27) 2,4-Dimethylphenol	7.83	122	325084	38.601	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	533496	39.903	ng	100
29) 2,4-Dichlorophenol	8.03	162	392111	40.716	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	438903	40.873	ng	98
31) Naphthalene	8.20	128	1217908	40.492	ng	100
32) Benzoic acid	7.96	122	262605	46.174	ng	97
33) 4-Chloroaniline	8.25	127	509221	40.012	ng	97
34) Hexachlorobutadiene	8.32	225	274937	41.072	ng	97
35) Caprolactam	8.62	113	118736	38.758	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	389690	40.843	ng	99
37) 2-Methylnaphthalene	8.89	142	822336	40.544	ng	99
38) 1-Methylnaphthalene	8.99	142	792167	40.466	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435615	40.541	ng	99

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 Data File : BF114024.D
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 Sample : SSTDC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

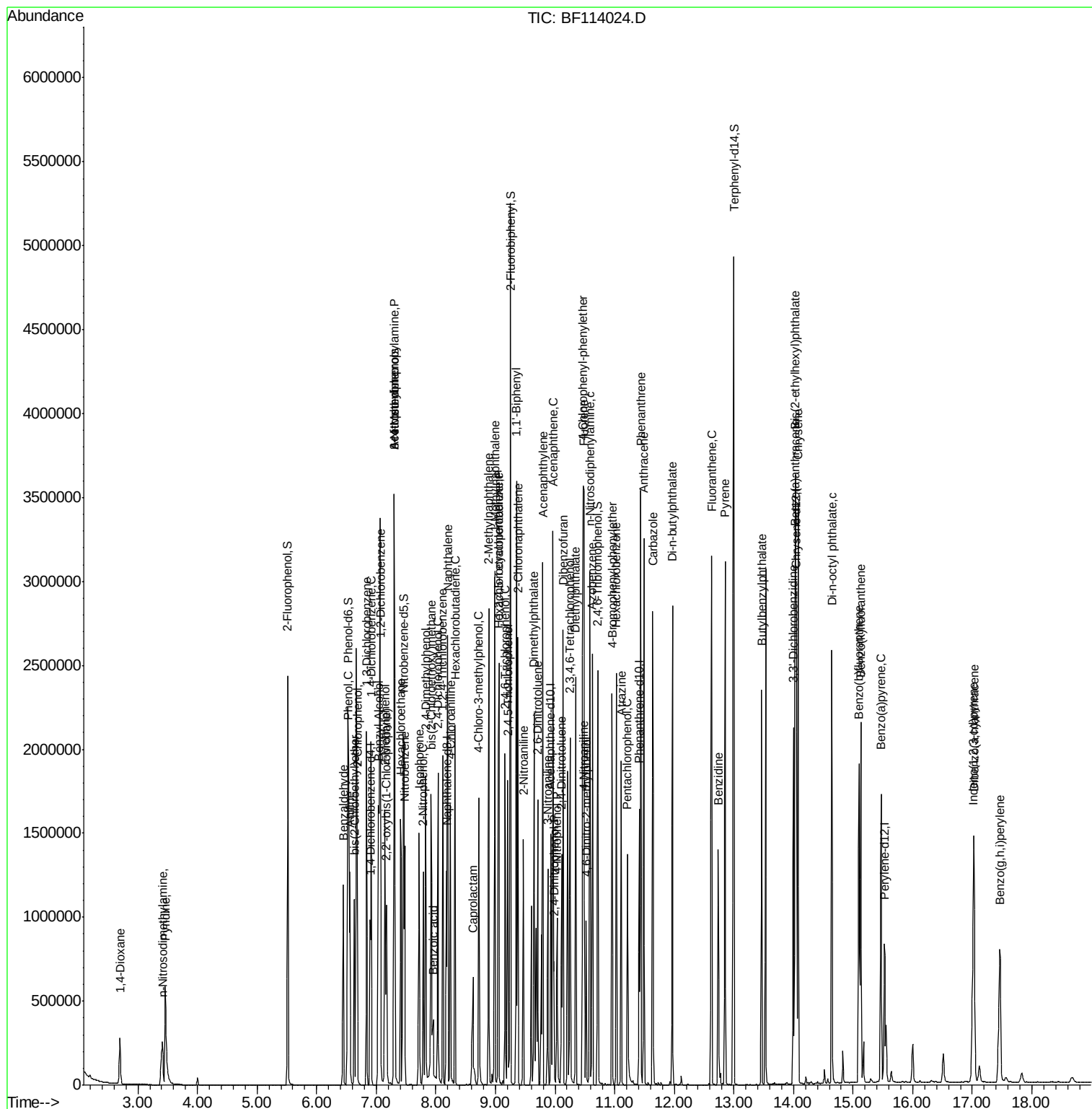
Instrument :
 BNA_F
 ClientSampleId :

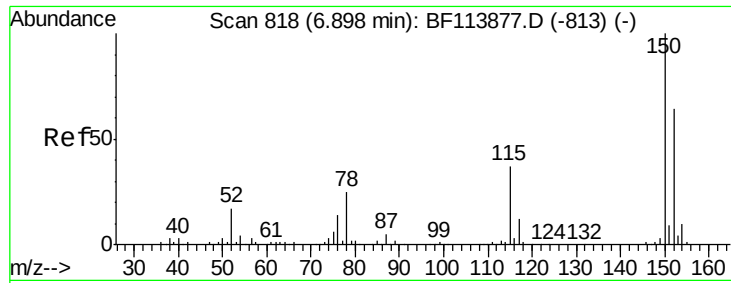
Quant Time: Apr 30 01:21:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	226257	37.761	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	281484	41.255	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	310291	40.545	ng	99
46) 1,1'-Biphenyl	9.35	154	1030790	40.792	ng	98
47) 2-Chloronaphthalene	9.37	162	843773	41.060	ng	97
48) 2-Nitroaniline	9.47	65	233140	43.278	ng	91
49) Acenaphthylene	9.79	152	1310476	40.735	ng	99
50) Dimethylphthalate	9.65	163	983575	41.114	ng	100
51) 2,6-Dinitrotoluene	9.71	165	226806	44.191	ng	98
52) Acenaphthene	9.96	154	783001	41.184	ng	97
53) 3-Nitroaniline	9.88	138	230393	42.719	ng	94
54) 2,4-Dinitrophenol	9.98	184	103211	49.966	ng	# 5
55) Dibenzofuran	10.13	168	1155496	40.573	ng	96
56) 4-Nitrophenol	10.03	139	180874	42.357	ng	93
57) 2,4-Dinitrotoluene	10.12	165	299691	46.262	ng	91
58) Fluorene	10.48	166	879687	41.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	273761	40.706	ng	100
60) Diethylphthalate	10.35	149	938544	41.313	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	461189	40.615	ng	99
62) 4-Nitroaniline	10.49	138	234310	44.520	ng	97
63) Azobenzene	10.63	77	886432	40.260	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	141452	47.162	ng	96
66) n-Nitrosodiphenylamine	10.59	169	780063	39.602	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	313106	39.482	ng	98
68) Hexachlorobenzene	11.03	284	344267	39.504	ng	97
69) Atrazine	11.11	200	256114	39.970	ng	100
70) Pentachlorophenol	11.22	266	207416	42.037	ng	96
71) Phenanthrene	11.44	178	1321390	40.053	ng	100
72) Anthracene	11.49	178	1344164	40.346	ng	99
73) Carbazole	11.64	167	1211689	40.767	ng	99
74) Di-n-butylphthalate	11.97	149	1466007	41.930	ng	100
75) Fluoranthene	12.63	202	1407873	39.114	ng	97
77) Benzidine	12.74	184	571221	39.672	ng	99
78) Pyrene	12.86	202	1412683	41.802	ng	99
80) Butylbenzylphthalate	13.47	149	602470	45.311	ng	93
81) Benzo(a)anthracene	14.04	228	1250758	43.929	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	474741	45.491	ng	100
83) Chrysene	14.08	228	1205018	43.457	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	803866	47.518	ng	99
85) Di-n-octyl phthalate	14.64	149	1276652	48.214	ng	98
86) Indeno(1,2,3-cd)pyrene	17.02	276	906208	34.501	ng	98
88) Benzo(b)fluoranthene	15.10	252	1113299	41.950	ng	99
89) Benzo(k)fluoranthene	15.13	252	961186	42.106	ng	98
90) Benzo(a)pyrene	15.47	252	930546	40.538	ng	100
91) Dibenzo(a,h)anthracene	17.03	278	744748	34.562	ng	100
92) Benzo(g,h,i)perylene	17.46	276	729789	33.560	ng	98

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

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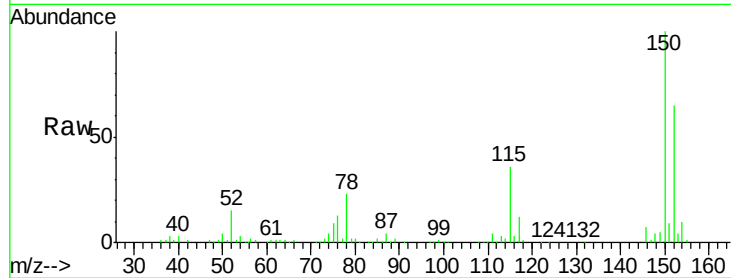


#1

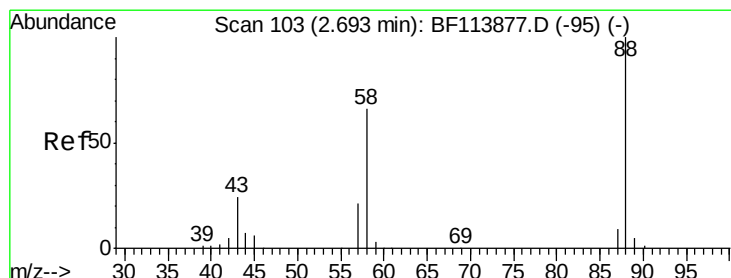
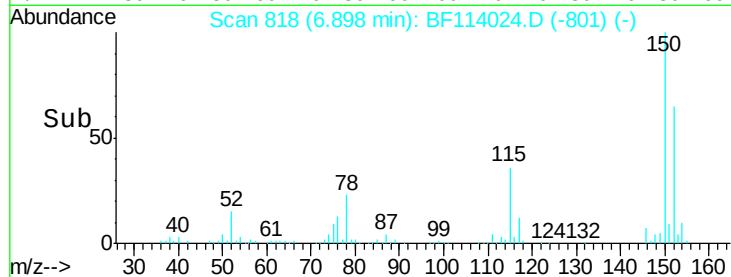
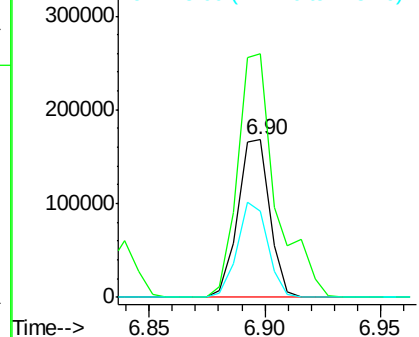
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.9	188.9
115	55.1	45.9	68.9



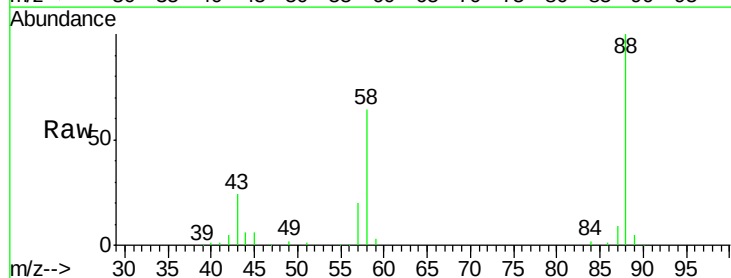
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



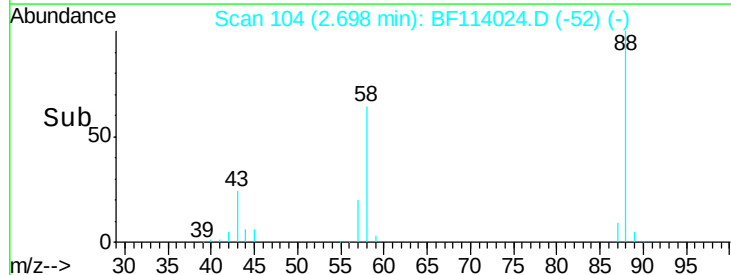
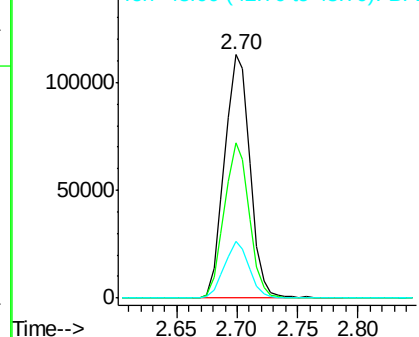
#2

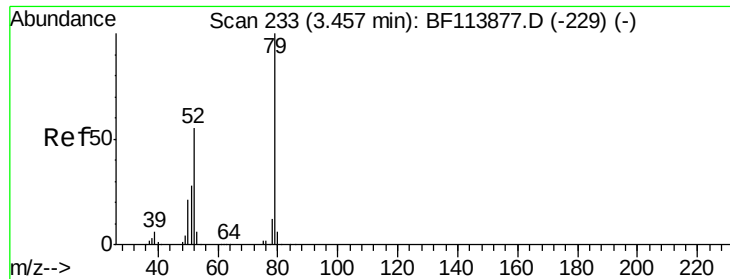
1,4-Dioxane
Concen: 37.037 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	53.3	79.9
43	22.4	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

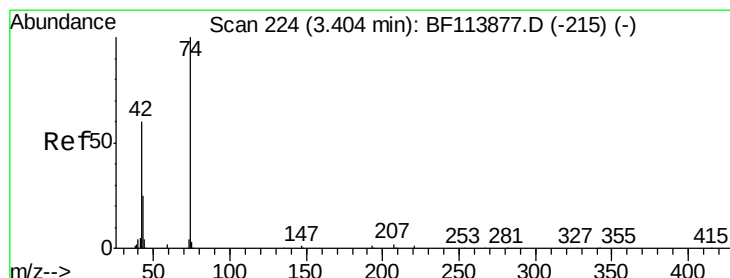
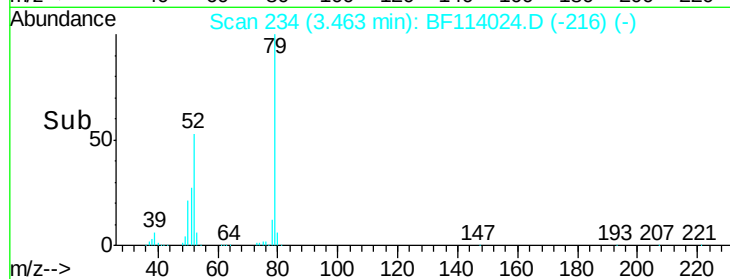
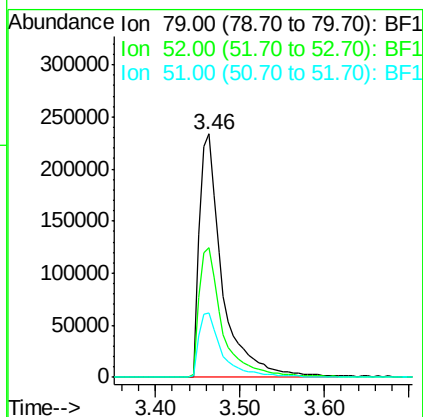
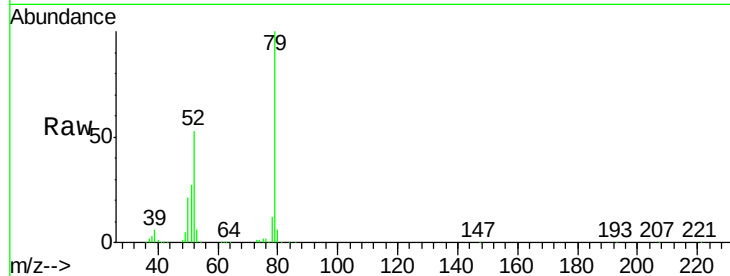




#3
 Pvridine
 Concen: 36.026 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

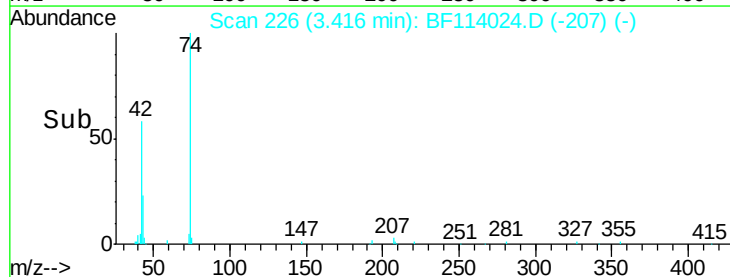
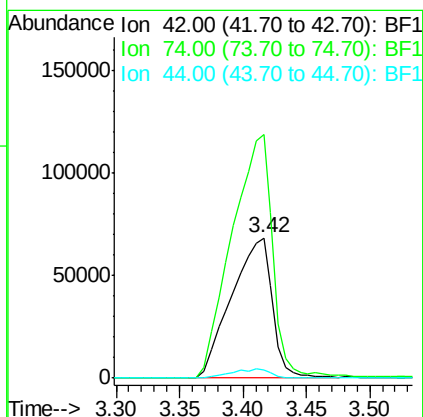
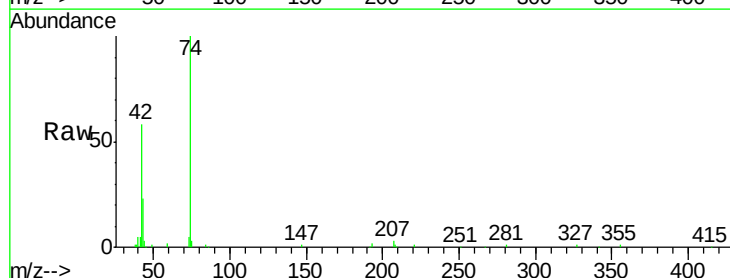
Instrument :
 BNA_F
 ClientSampleId :

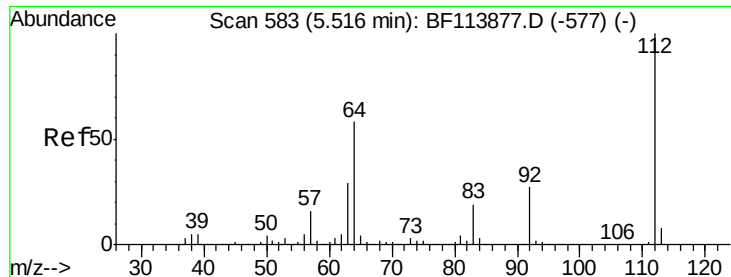
Tot Ion: 79 Resp: 439036
 Ion Ratio Lower Upper
 79 100
 52 53.1 45.3 67.9
 51 26.7 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 36.861 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion: 42 Resp: 153775
 Ion Ratio Lower Upper
 42 100
 74 173.9 132.6 198.8
 44 6.1 5.8 8.8





#5

2-Fluorophenol

Concen: 77.155 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

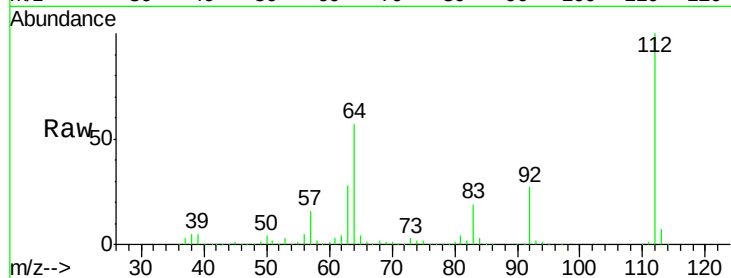
Tot Ion: 112 Resp: 730767

Ion Ratio Lower Upper

112 100

64 57.2 46.6 69.8

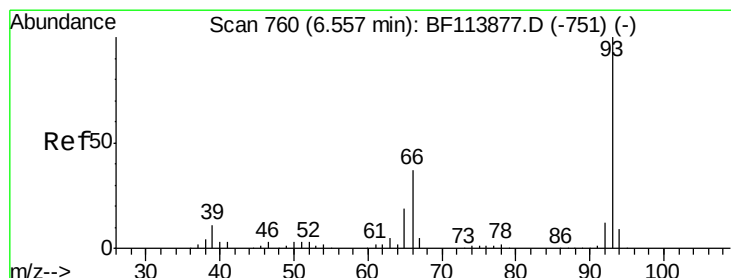
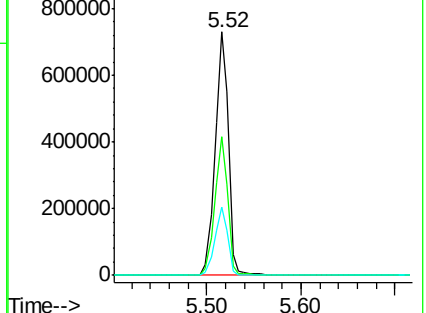
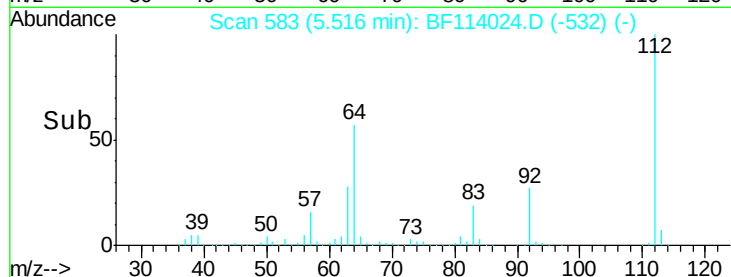
63 28.1 23.1 34.7



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: 38.967 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

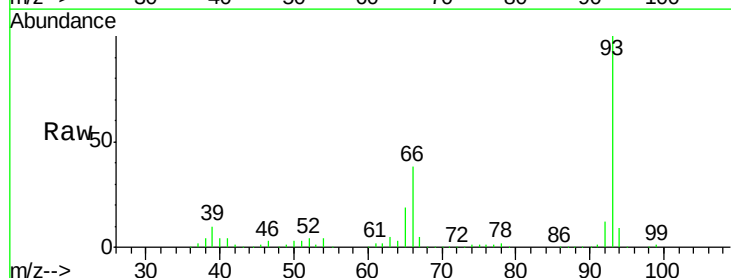
Tgt Ion: 93 Resp: 635842

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.6

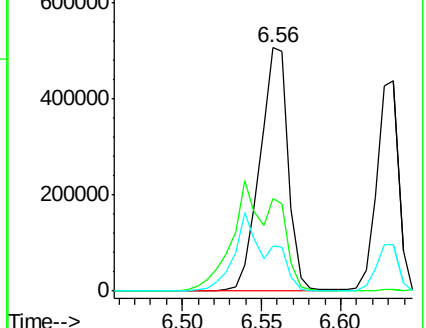
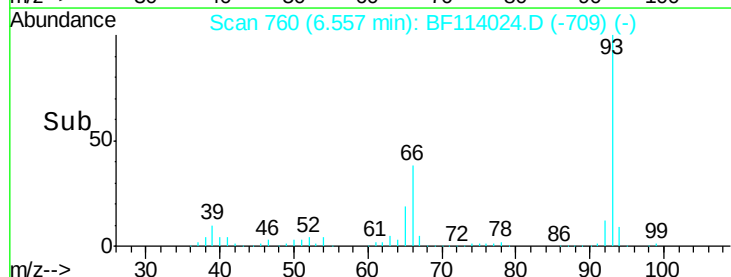
65 18.7 14.9 22.3

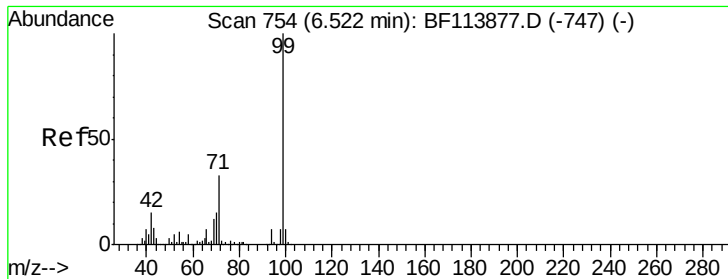


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.044 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

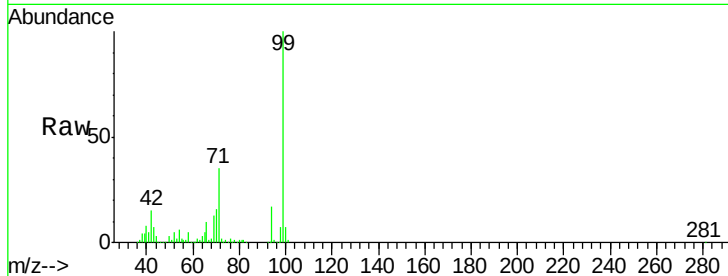
Tot Ion: 99 Resp: 927397

Ion Ratio Lower Upper

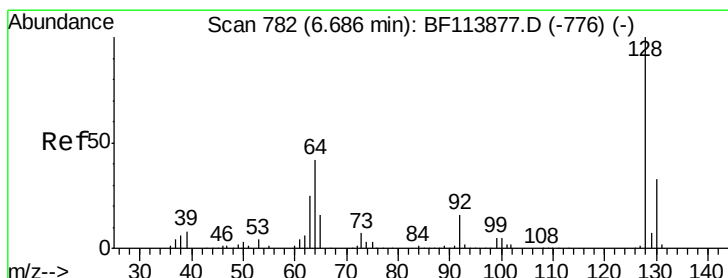
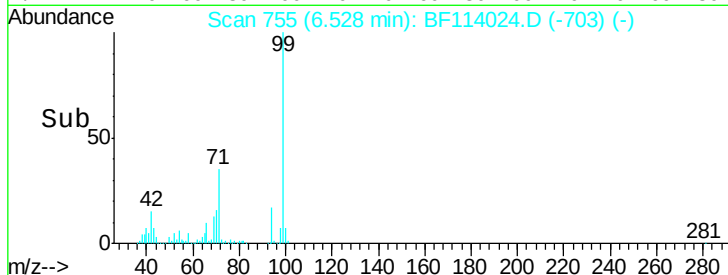
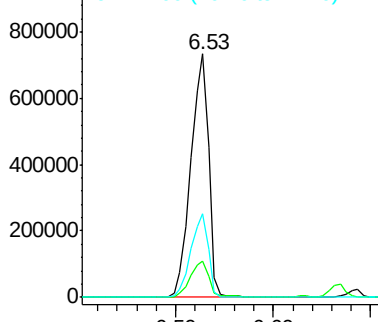
99 100

42 15.2 12.5 18.7

71 34.6 26.9 40.3



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



#8

2-Chlorophenol

Concen: 40.166 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

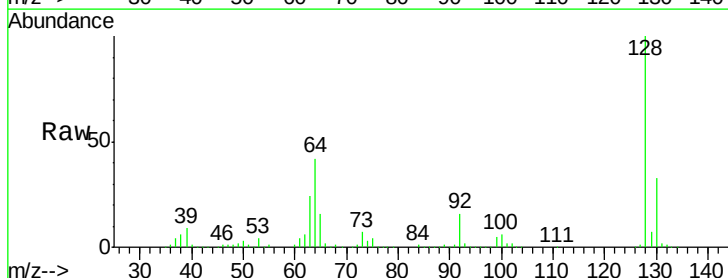
Tgt Ion: 128 Resp: 434341

Ion Ratio Lower Upper

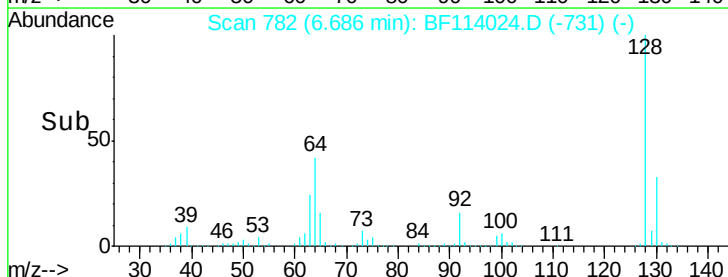
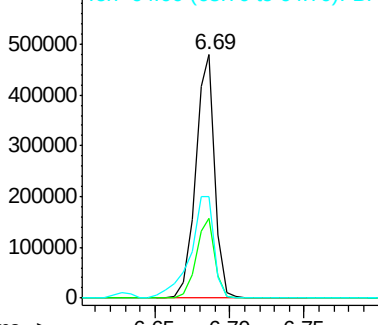
128 100

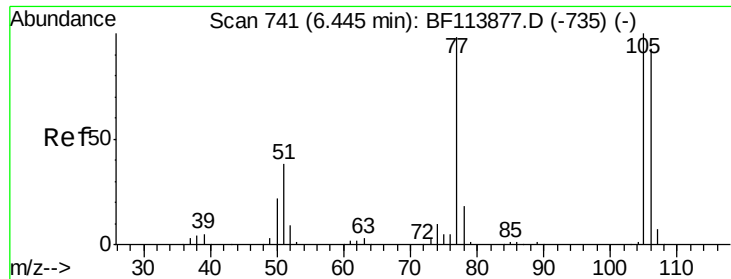
130 32.9 12.3 52.3

64 41.5 26.1 66.1



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





#9

Benzaldehyde

Concen: 38.769 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

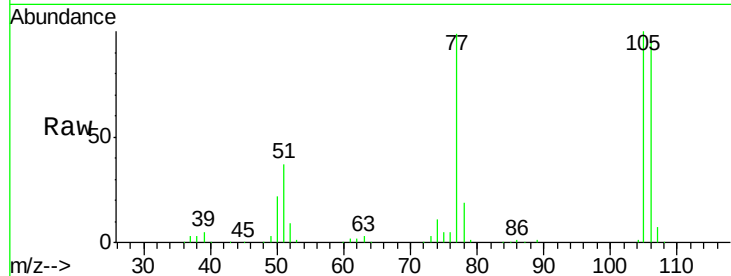
Tot Ion: 77 Resp: 263622

Ion Ratio Lower Upper

77 100

105 100.5 74.1 114.1

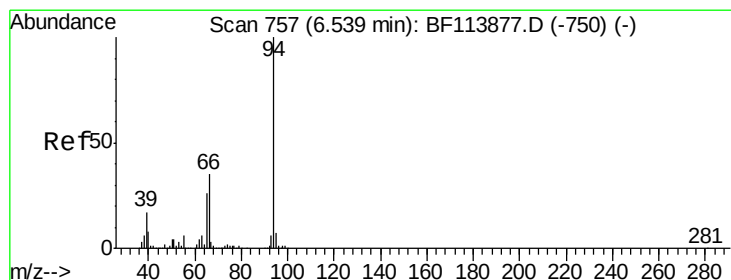
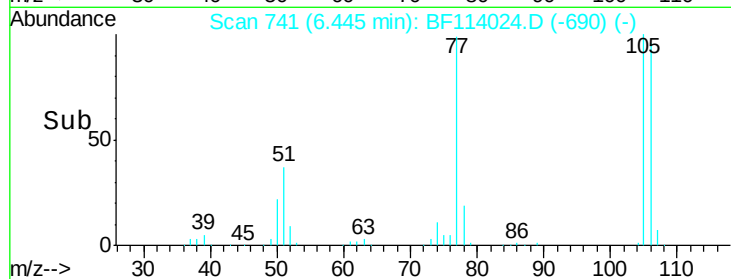
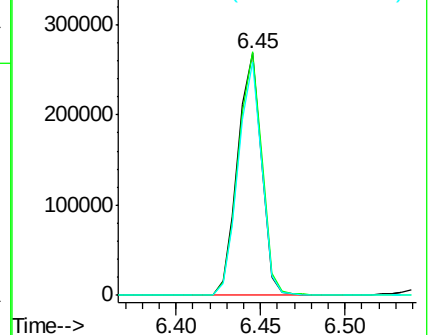
106 96.2 70.3 110.3



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: 38.386 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

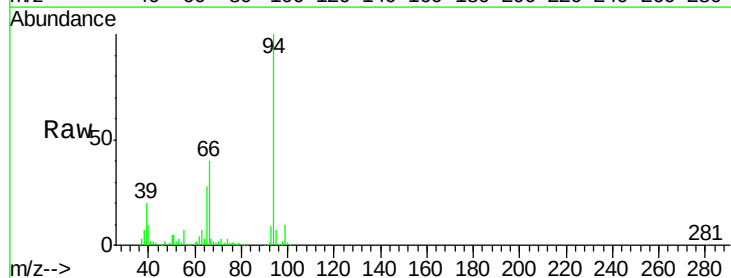
Tgt Ion: 94 Resp: 545435

Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

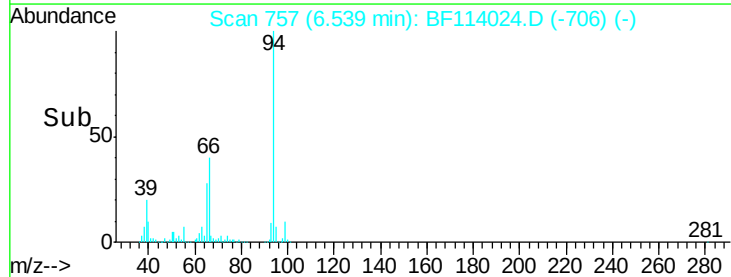
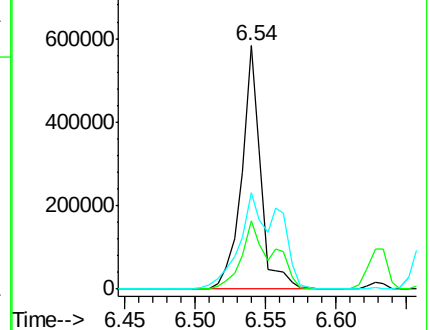
66 39.7 16.6 56.6

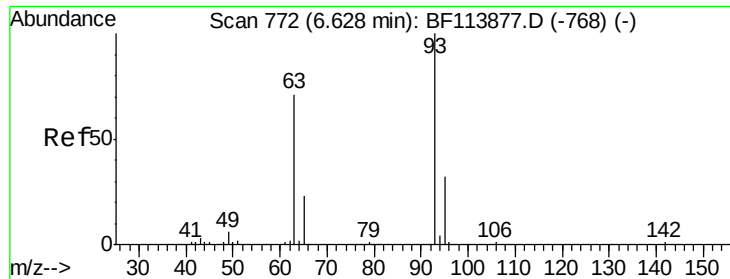


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.353 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampled :

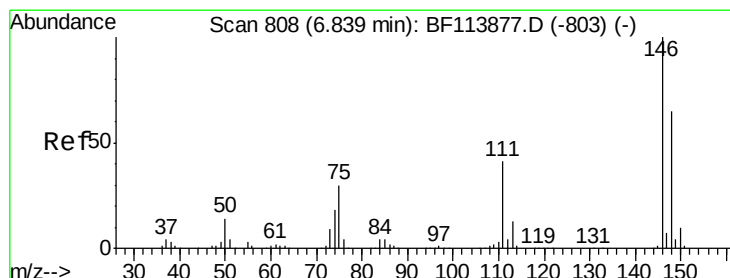
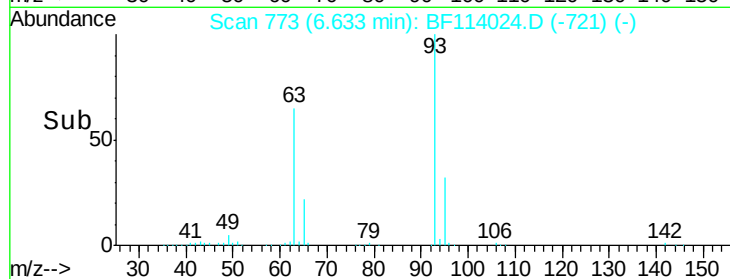
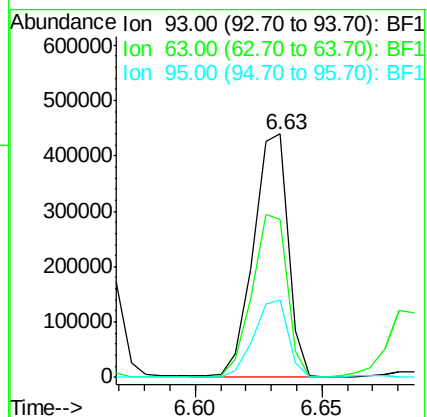
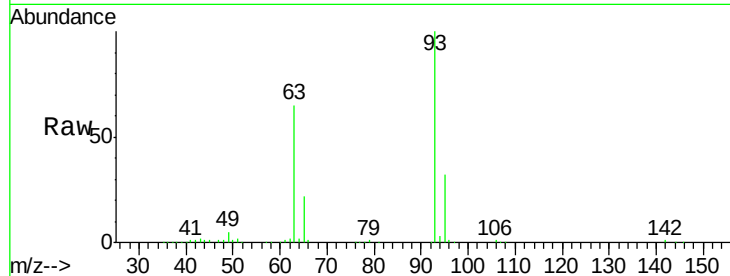
Tot Ion: 93 Resp: 420796

Ion Ratio Lower Upper

93 100

63 64.8 50.7 90.7

95 31.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.579 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

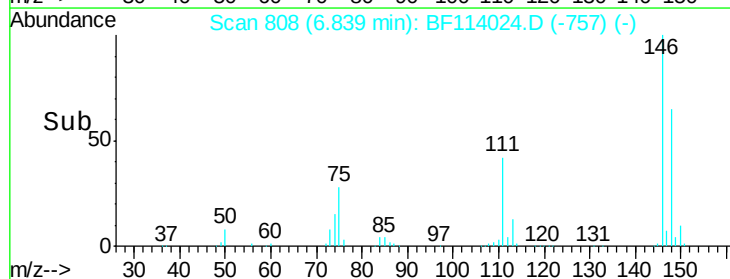
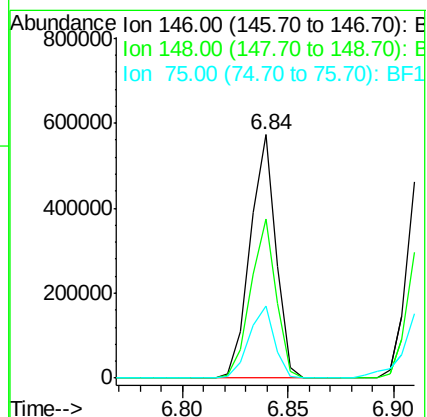
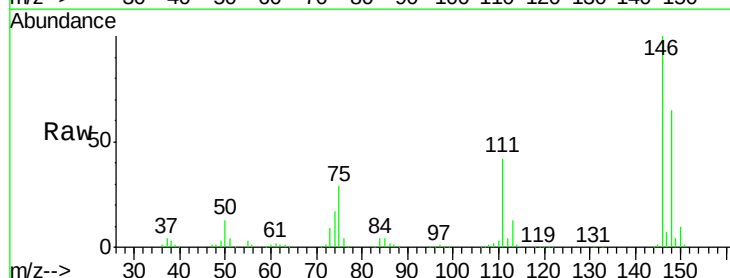
Tgt Ion: 146 Resp: 484720

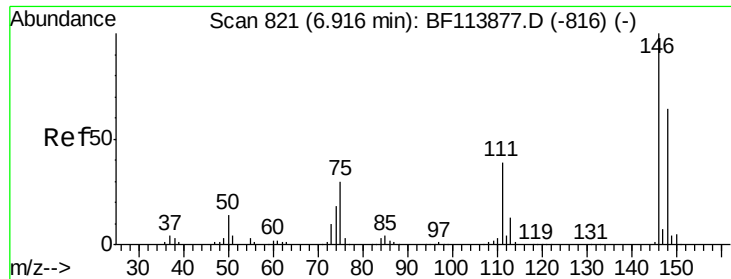
Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.6

75 29.5 23.8 35.8

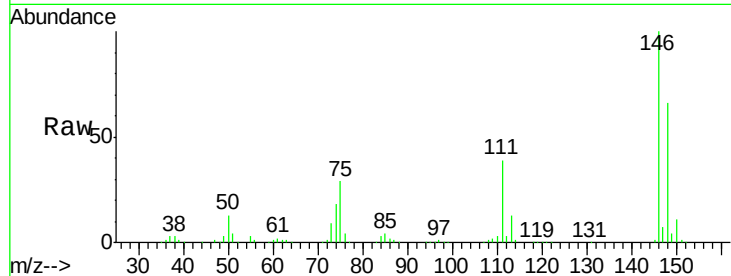




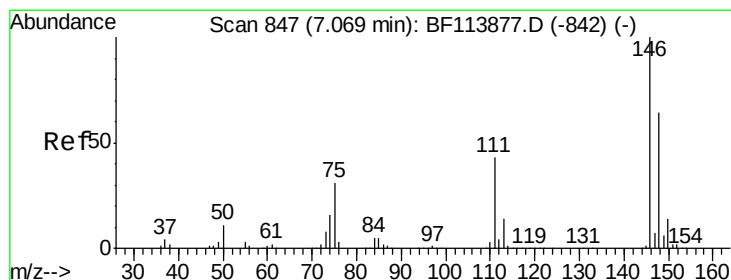
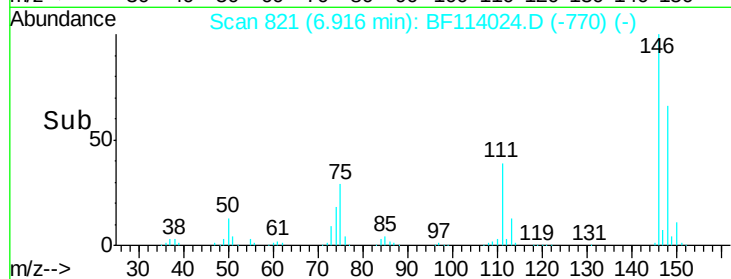
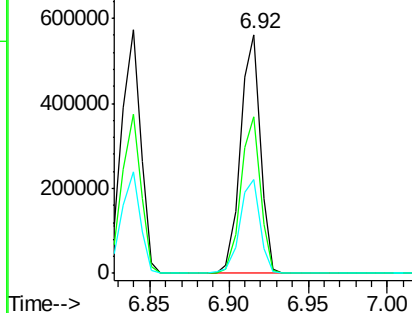
#13
 1,4-Dichlorobenzene
 Concen: 39.592 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
111	39.2	30.9	46.3

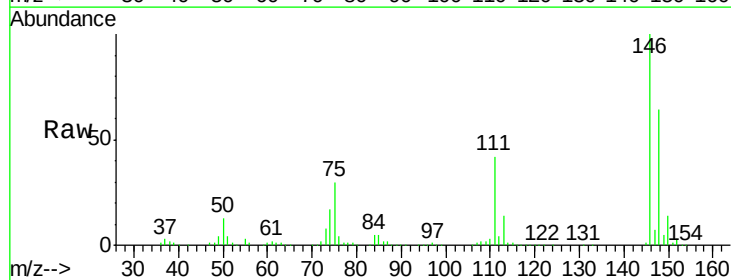


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

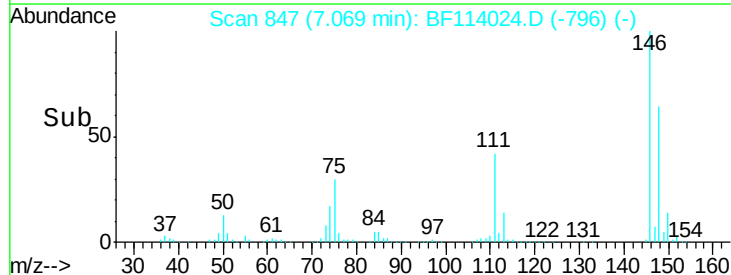
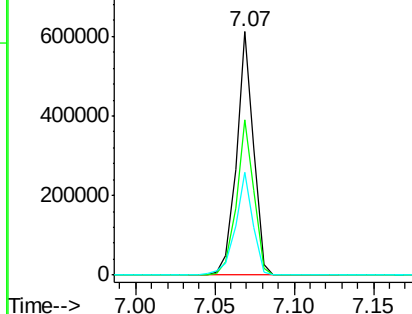


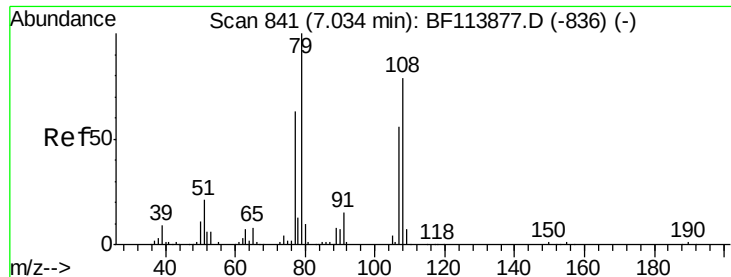
#14
 1,2-Dichlorobenzene
 Concen: 40.120 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
111	42.3	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: 45.809 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampled :

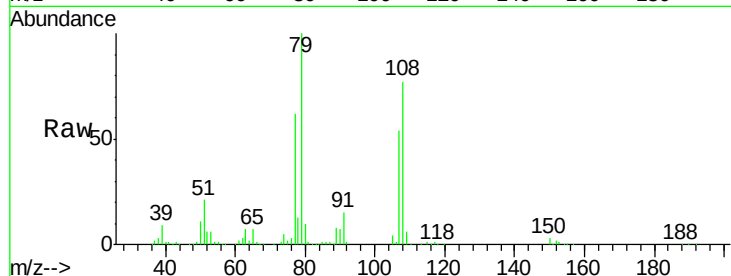
Tot Ion: 79 Resp: 366616

Ion Ratio Lower Upper

79 100

108 77.1 61.4 92.0

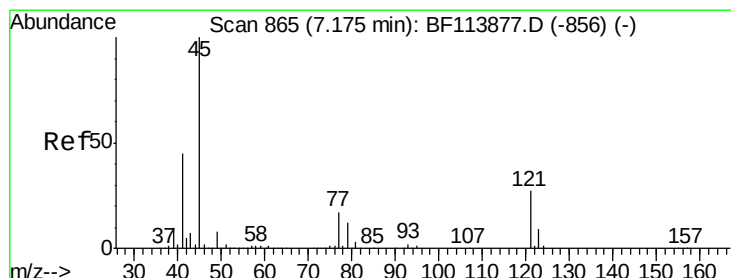
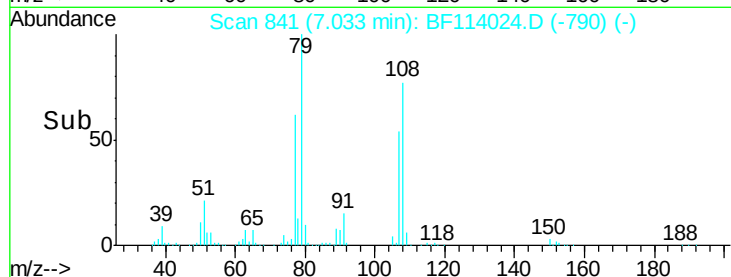
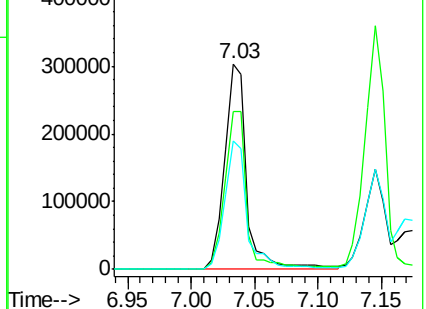
77 62.5 51.6 77.4



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: 37.793 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

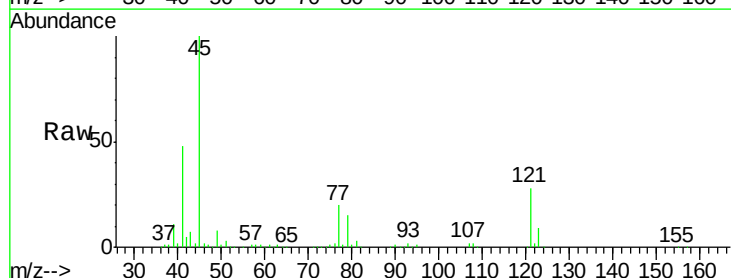
Tgt Ion: 45 Resp: 471733

Ion Ratio Lower Upper

45 100

77 20.1 0.0 37.0

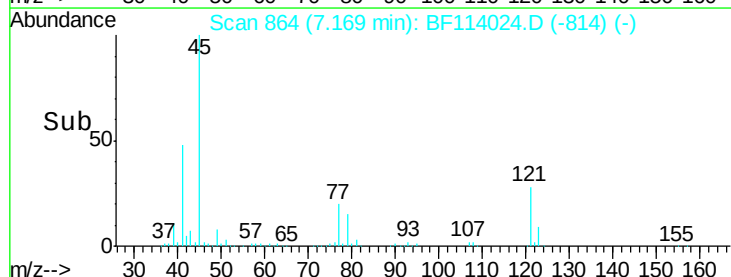
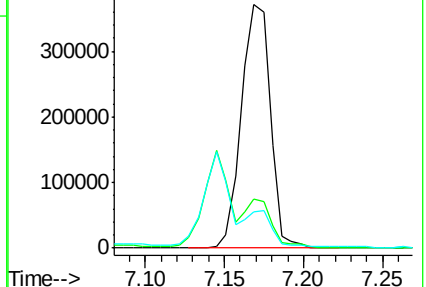
79 15.0 0.0 32.7

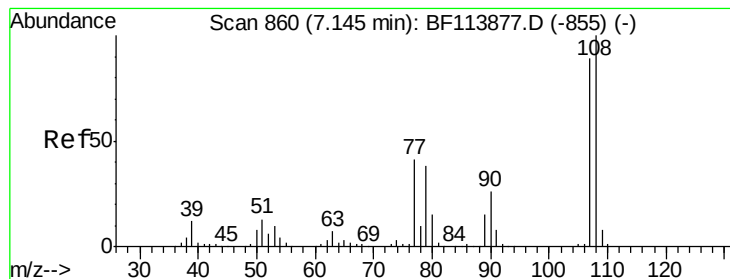


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

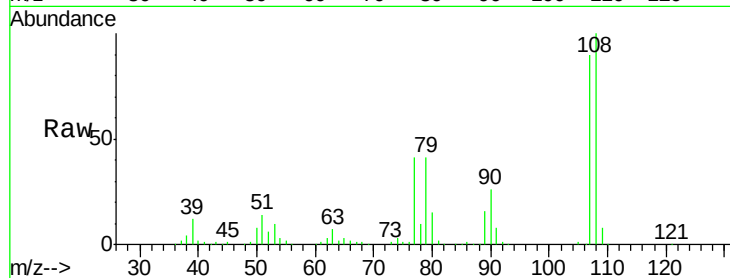




#17
2-Methylphenol
Concen: 35.995 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.5	137.3
77	46.2	36.2	54.4
79	45.7	35.4	53.0



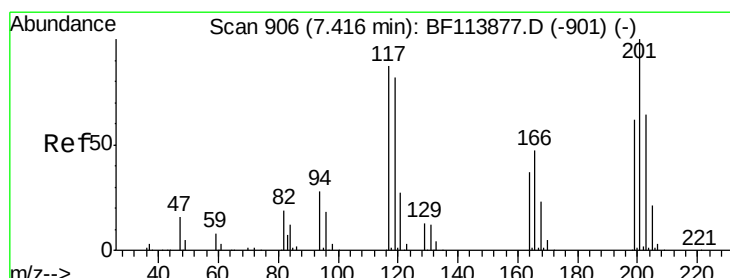
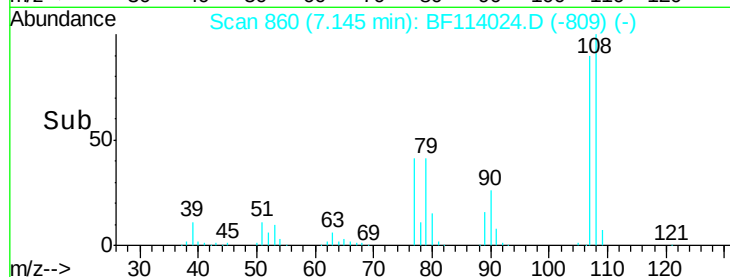
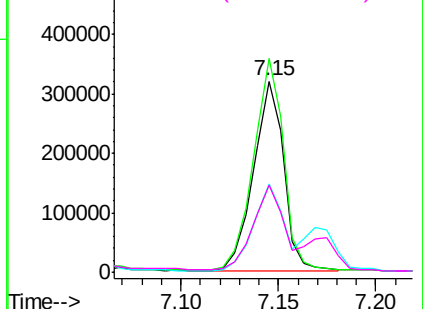
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

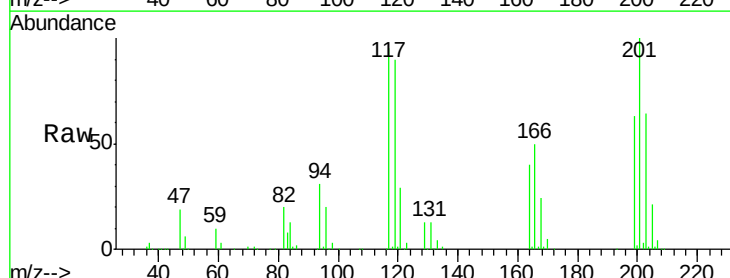
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.918 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.4	111.6
201	105.5	90.2	135.2

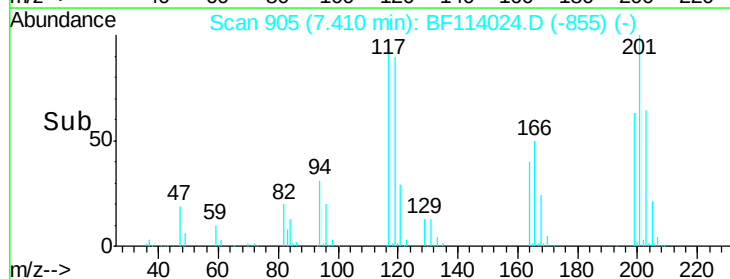
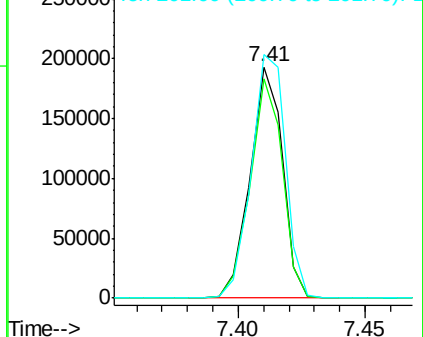


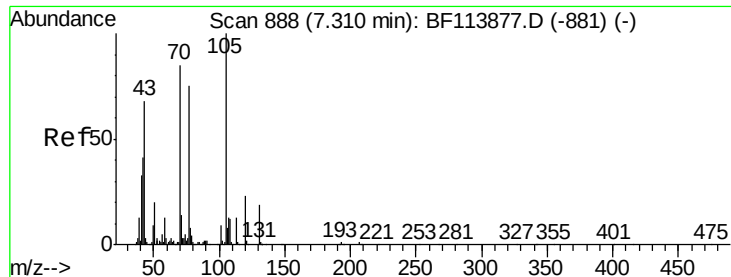
Abundance

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

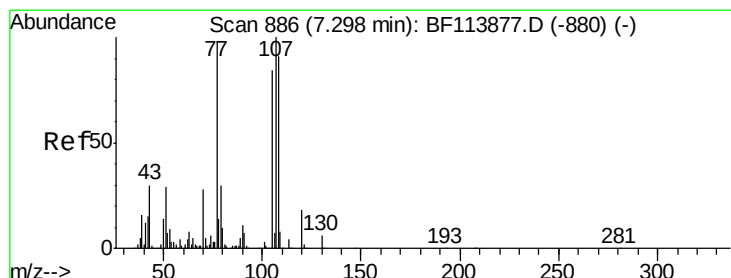
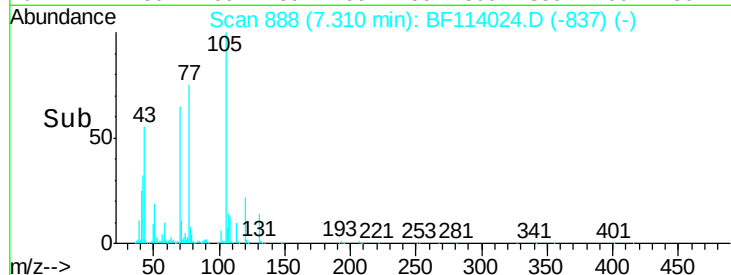
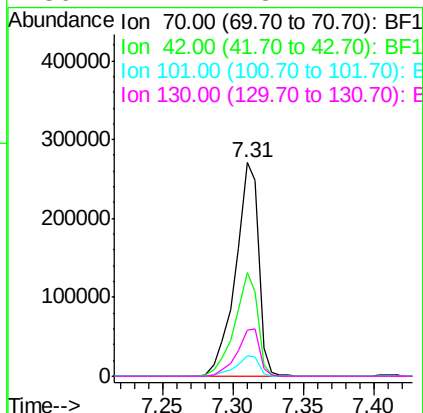
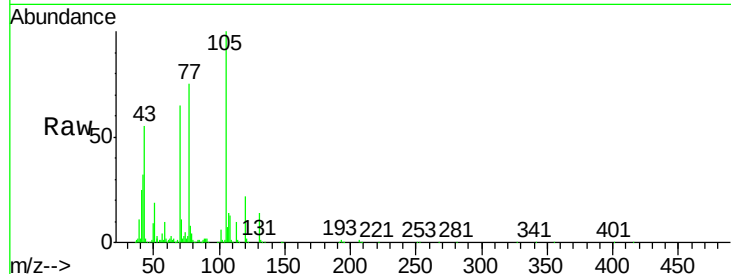




#19
 n-Nitroso-di-n-propylamine
 Concen: 39.933 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

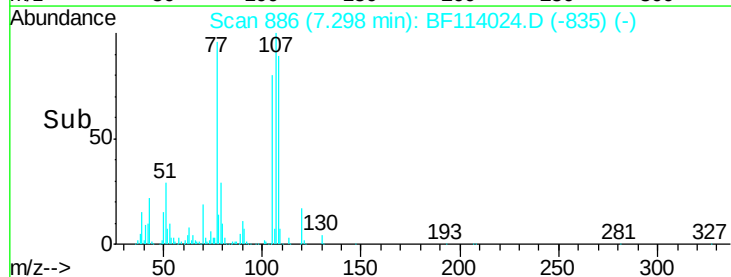
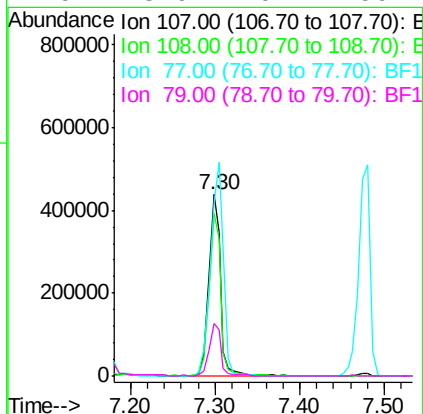
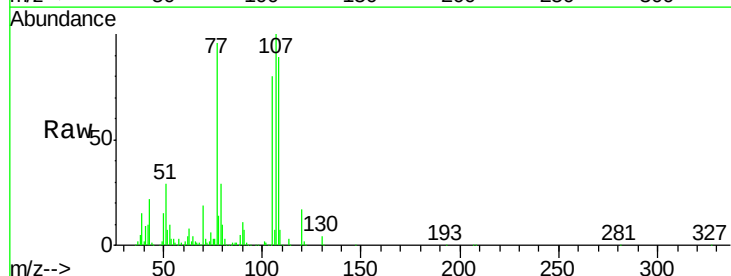
Instrument :
 BNA_F
 ClientSampleId :

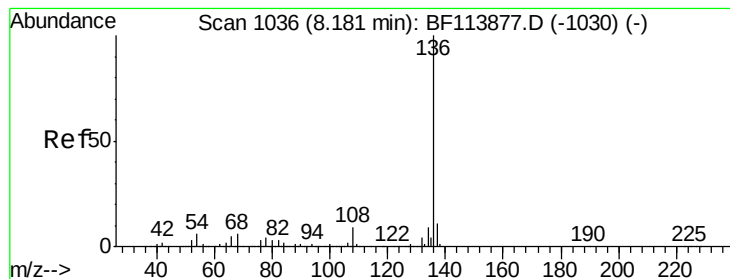
Tot Ion:	70	Resp:	307296
Ion	Ratio	Lower	Upper
70	100		
42	48.6	37.3	55.9
101	9.4	7.8	11.8
130	21.4	18.2	27.2



#20
 3+4-Methylphenols
 Concen: 39.662 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion:	107	Resp:	424756
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.1	110.1
77	95.5	52.9	92.9
79	28.9	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 633134

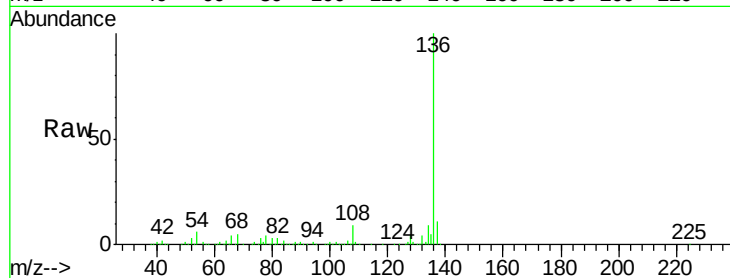
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.7 5.0 7.6

68 5.4 4.9 7.3

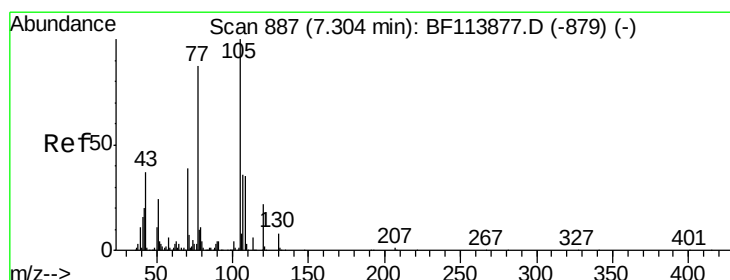
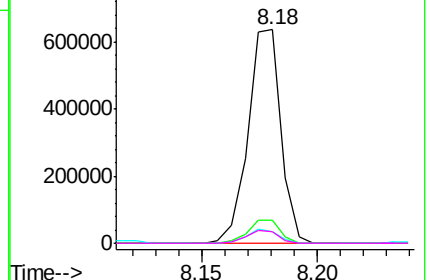
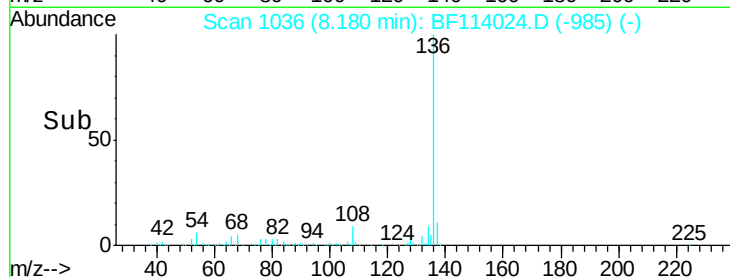


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.155 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Tgt Ion:105 Resp: 565758

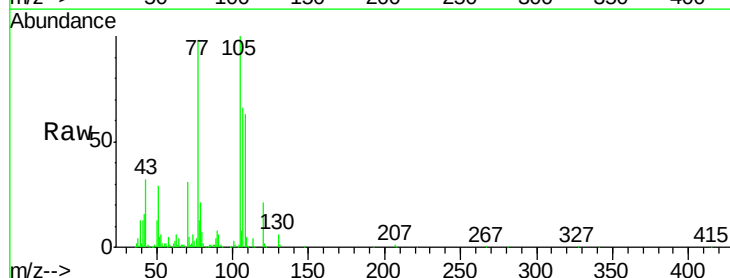
Ion Ratio Lower Upper

105 100

71 4.9 6.1 9.1#

51 28.6 16.8 25.2#

120 21.3 17.6 26.4

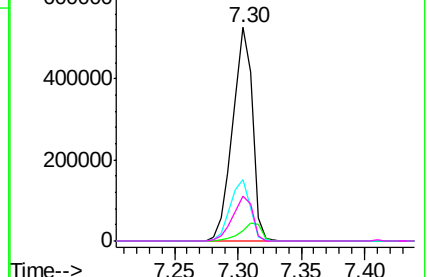
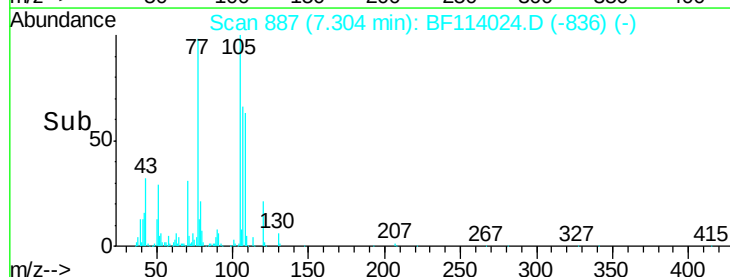


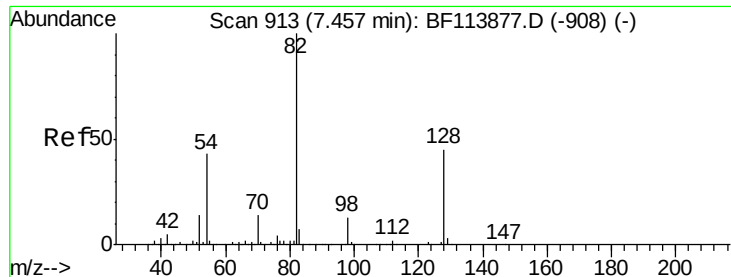
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 84.477 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampled :

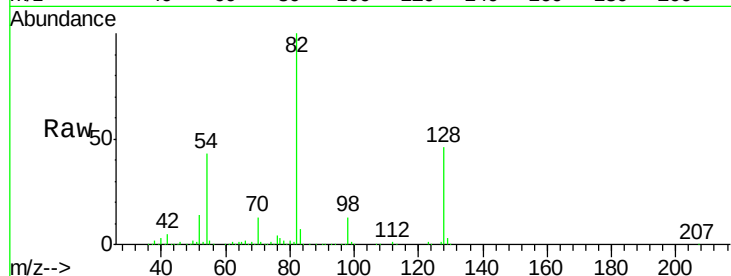
Tot Ion: 82 Resp: 866246

Ion Ratio Lower Upper

82 100

128 46.0 36.8 55.2

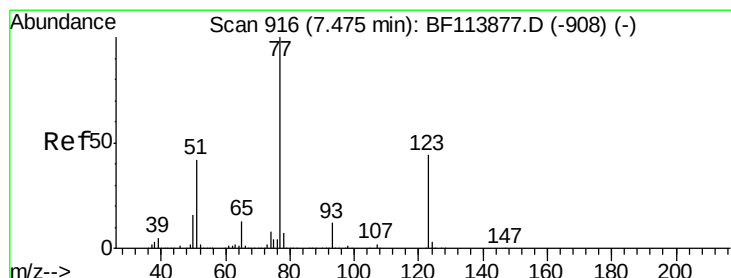
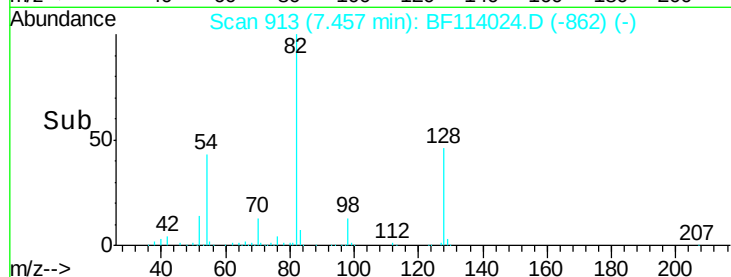
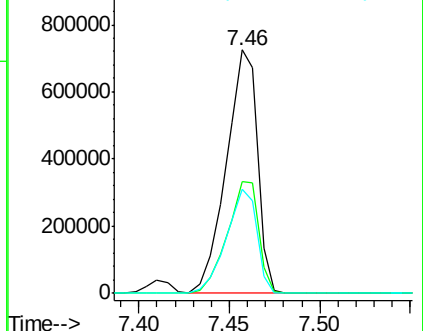
54 43.0 33.8 50.6



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: 41.653 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

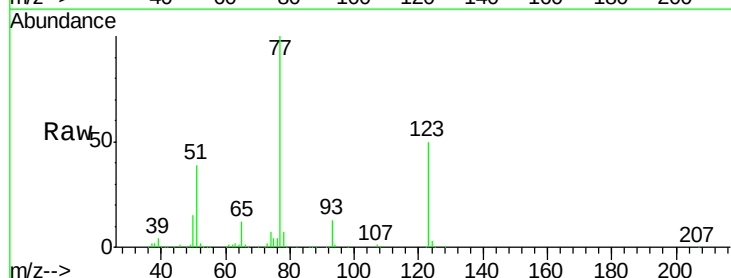
Tgt Ion: 77 Resp: 471943

Ion Ratio Lower Upper

77 100

123 49.6 36.3 54.5

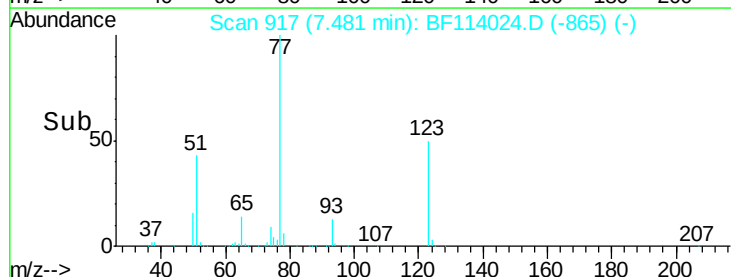
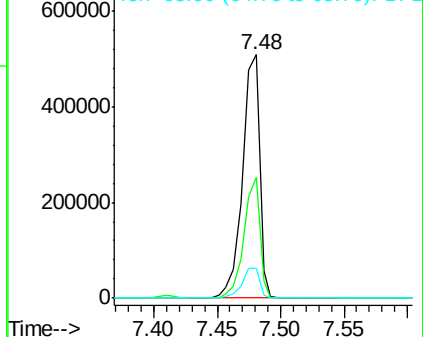
65 12.5 10.3 15.5

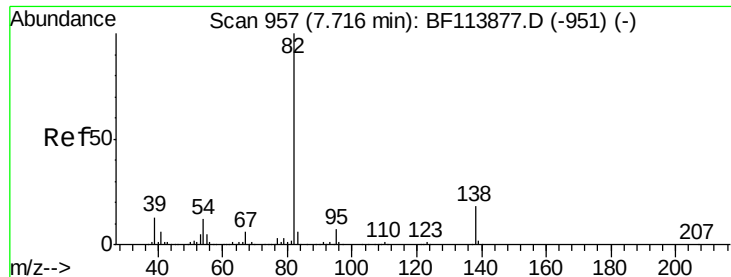


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.730 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

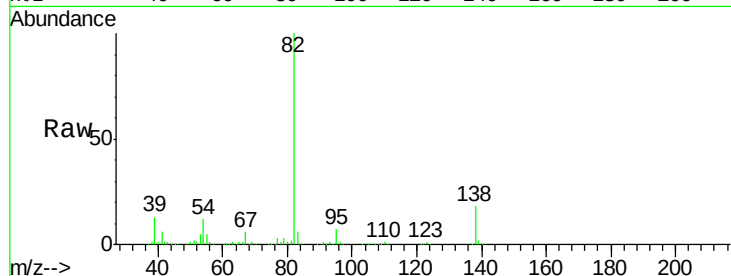
Tot Ion: 82 Resp: 833612

Ion Ratio Lower Upper

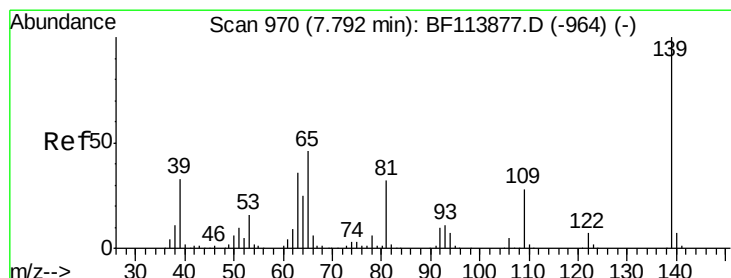
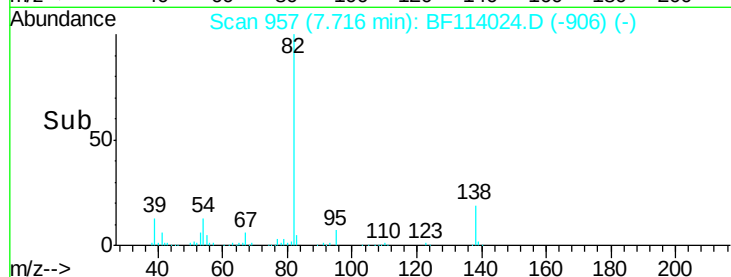
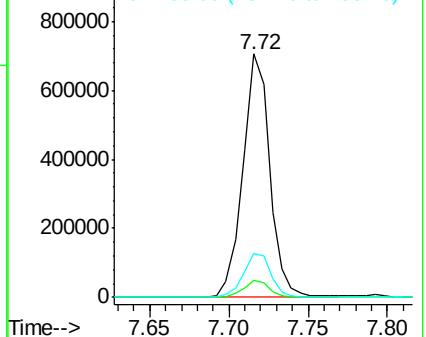
82 100

95 6.9 5.4 8.2

138 18.1 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: 46.033 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

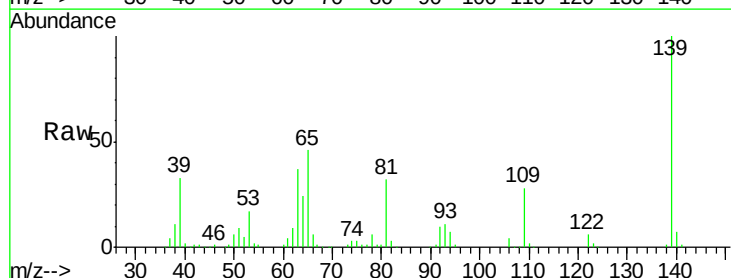
Tgt Ion: 139 Resp: 237945

Ion Ratio Lower Upper

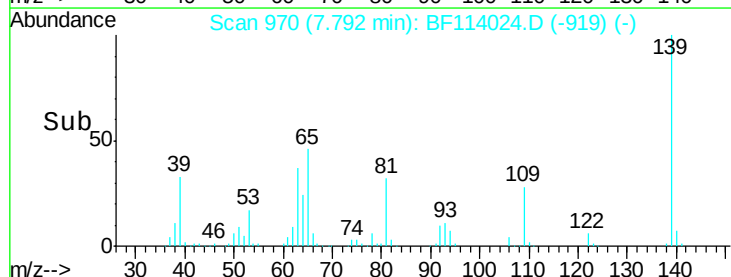
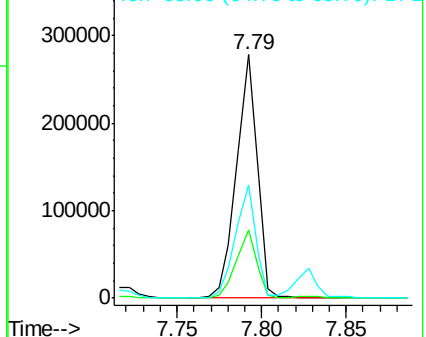
139 100

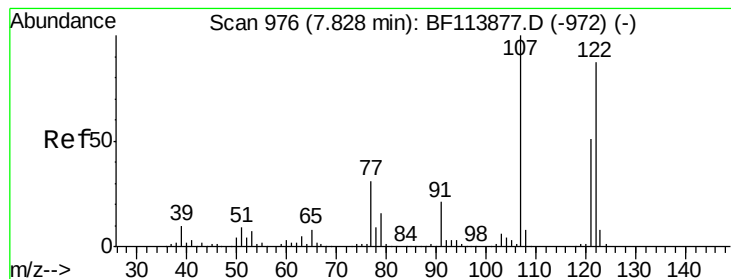
109 28.2 20.6 31.0

65 46.2 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: 38.601 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

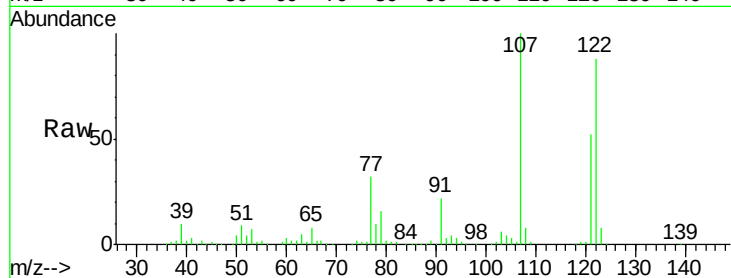
Tot Ion:122 Resp: 325084

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

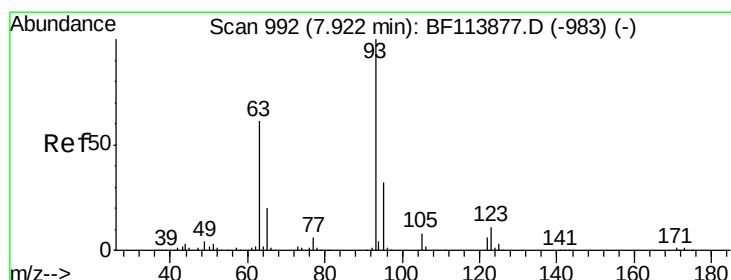
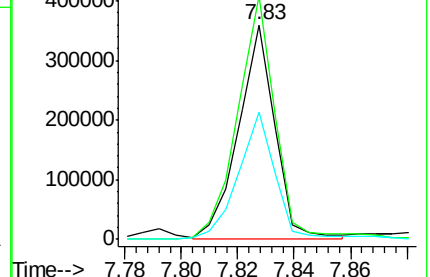
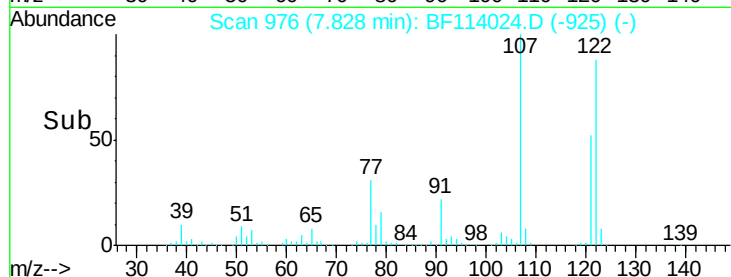
121 58.9 46.4 69.6



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: 39.903 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

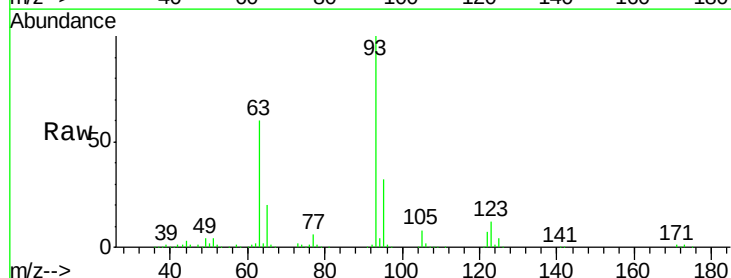
Tgt Ion: 93 Resp: 533496

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

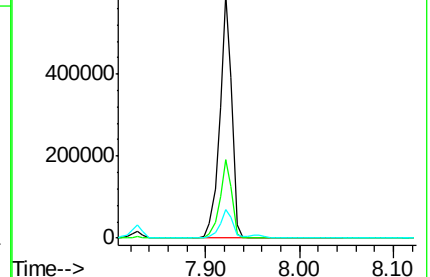
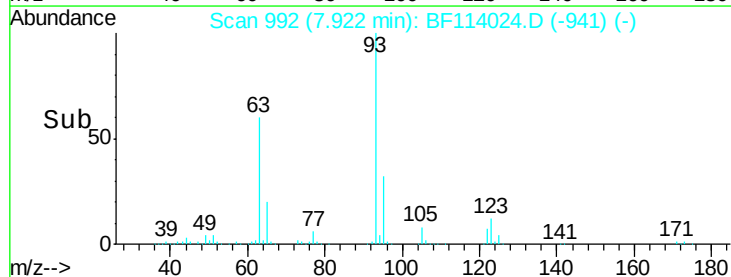
123 11.6 9.0 13.6

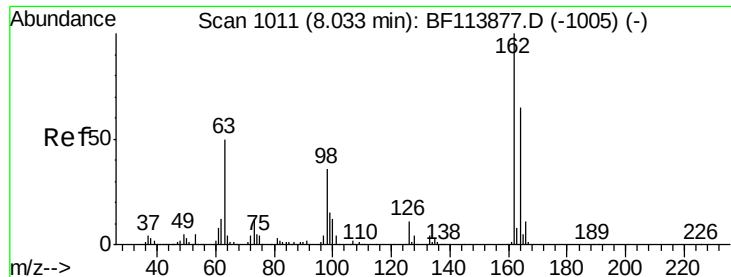


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

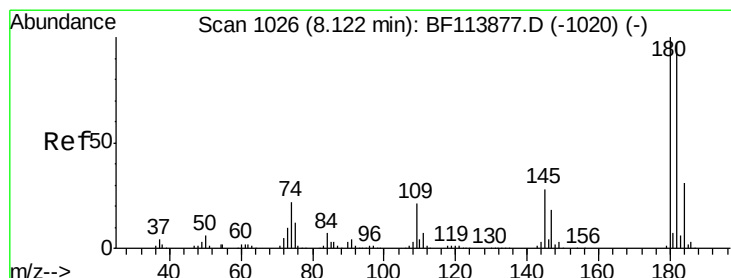
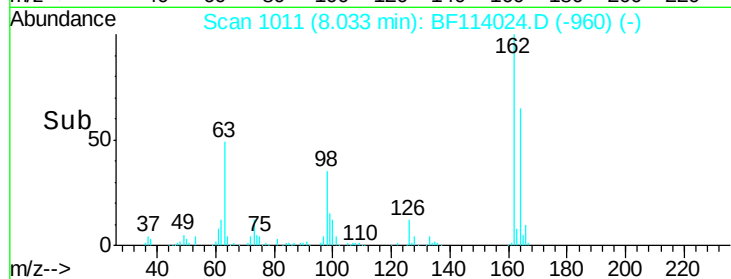
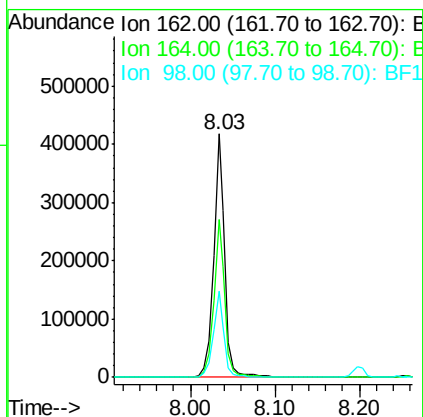
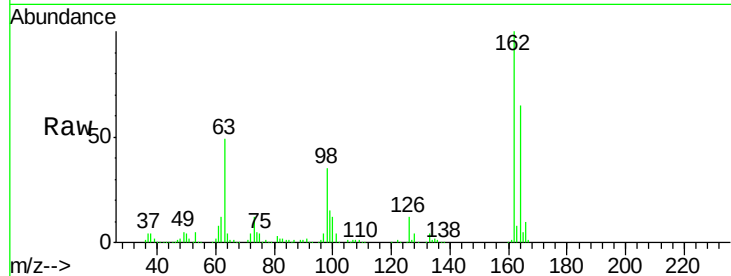




#29
 2,4-Dichlorophenol
 Concen: 40.716 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

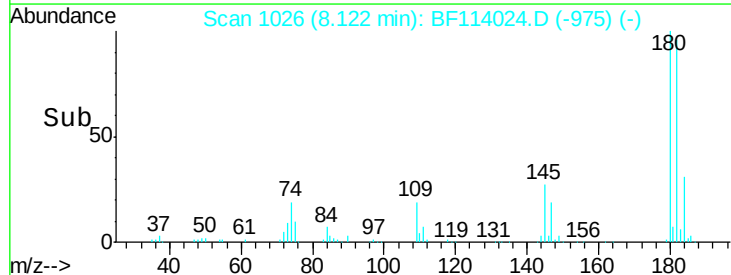
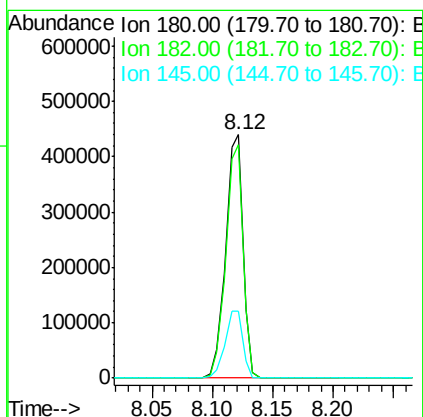
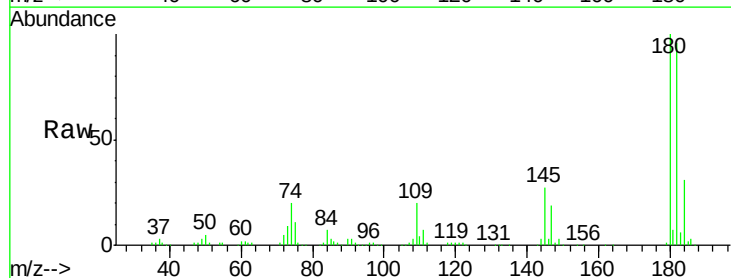
Instrument :
 BNA_F
 ClientSampleId :

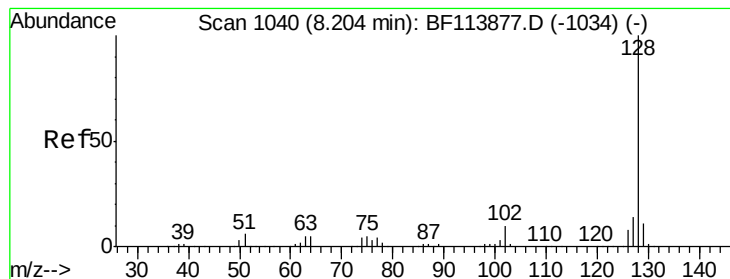
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	35.1	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.873 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.0
145	27.3	23.0	34.4





#31

Naphthalene

Concen: 40.492 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

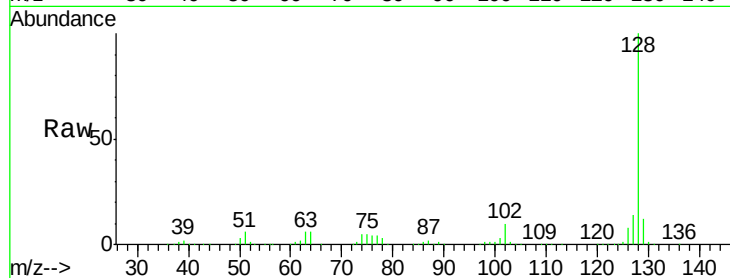
Tot Ion:128 Resp: 1217908

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

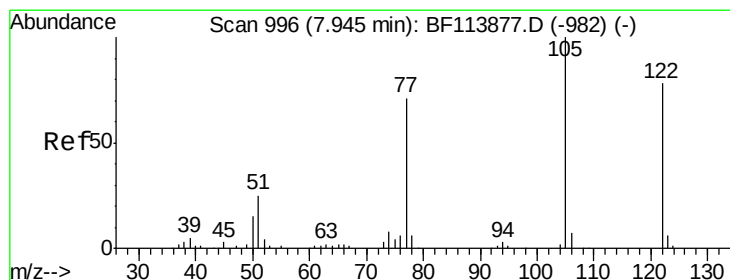
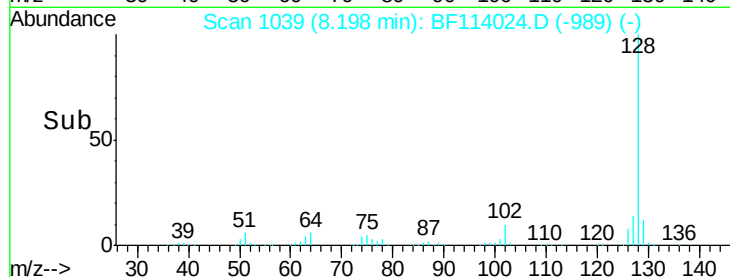
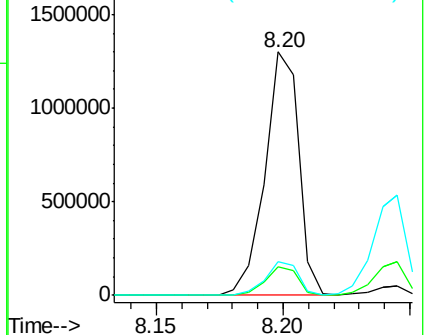
127 13.7 10.8 16.2



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: 46.174 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

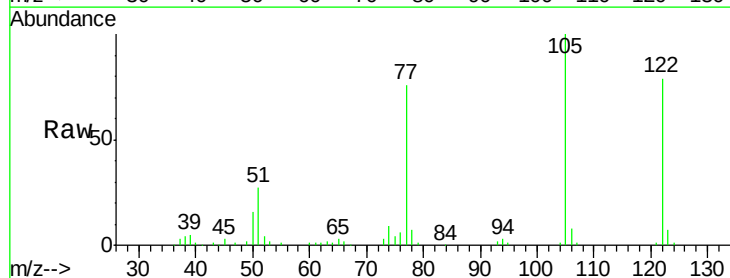
Tgt Ion:122 Resp: 262605

Ion Ratio Lower Upper

122 100

105 126.1 104.3 144.3

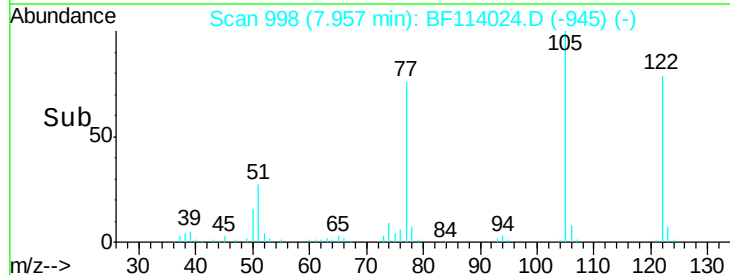
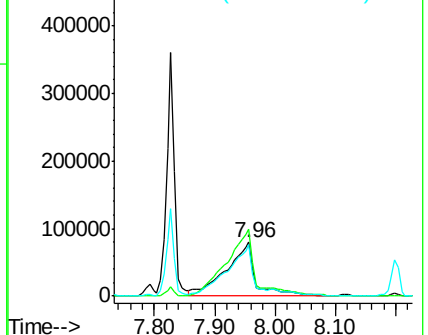
77 95.6 70.4 110.4

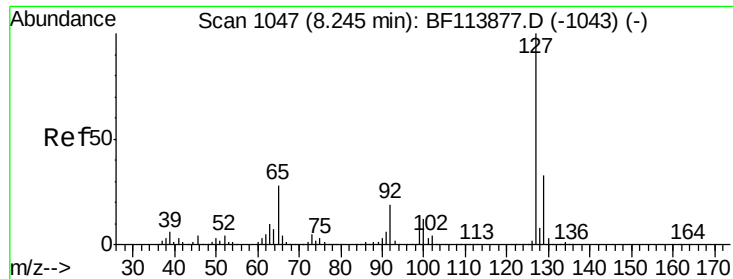


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

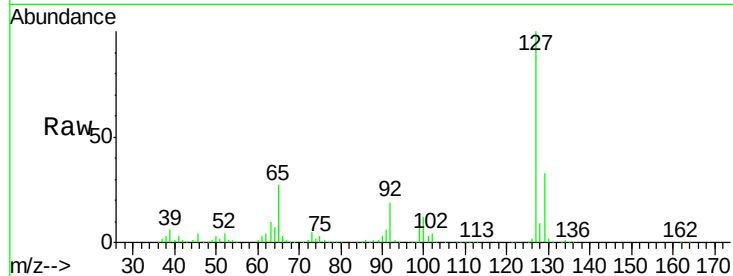




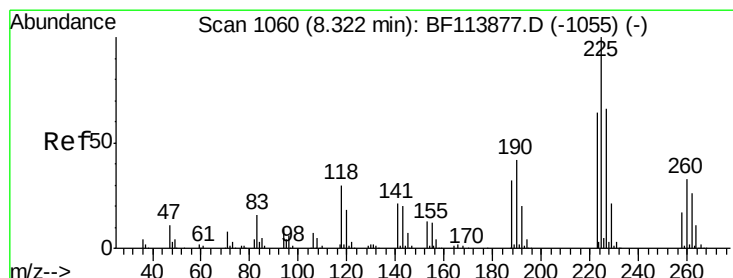
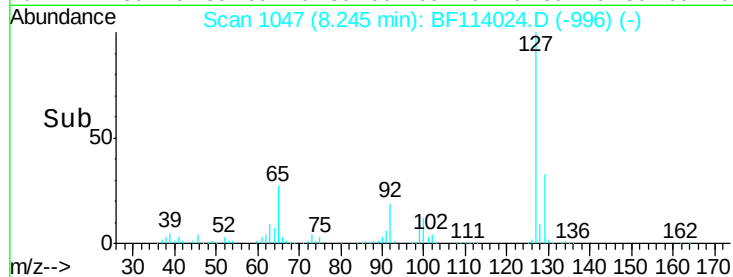
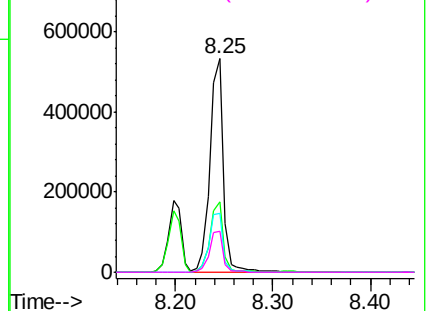
#33
4-Chloroaniline
Concen: 40.012 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	509221
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	27.4	24.9	37.3
92	19.2	15.9	23.9

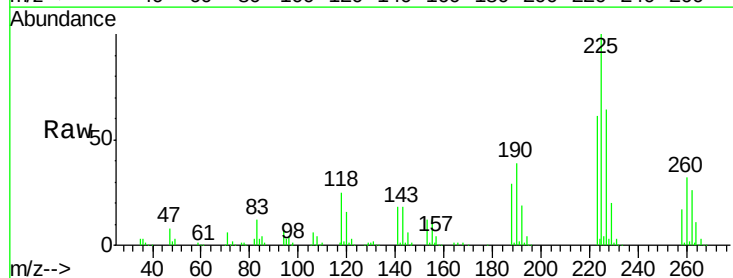


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

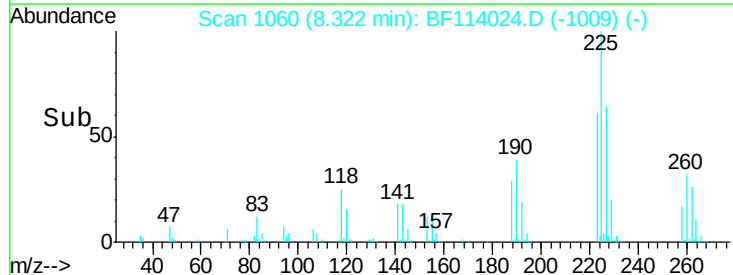
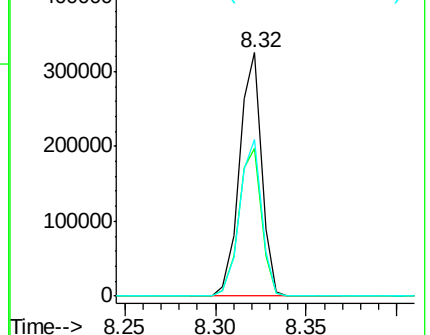


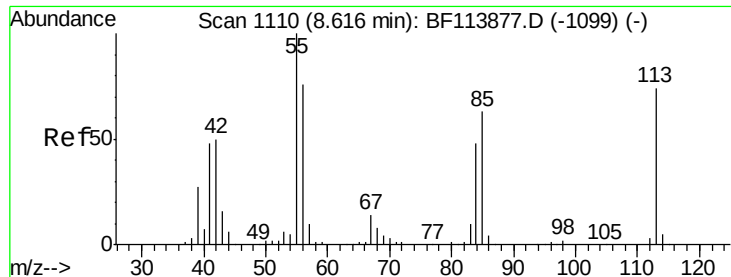
#34
Hexachlorobutadiene
Concen: 41.072 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:	225	Resp:	274937
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.1	76.7
227	64.4	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

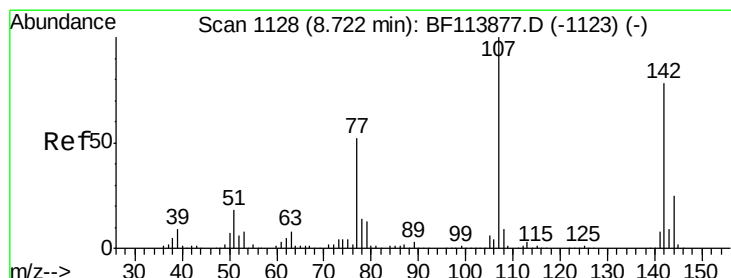
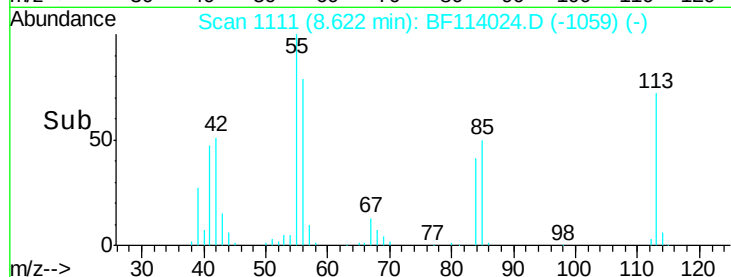
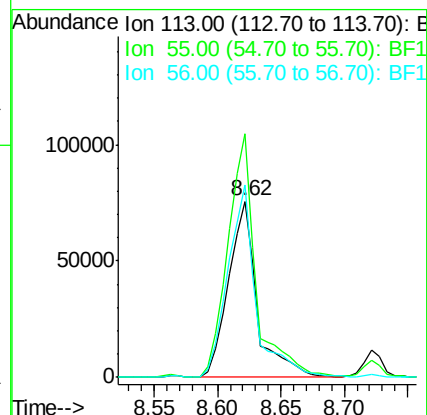
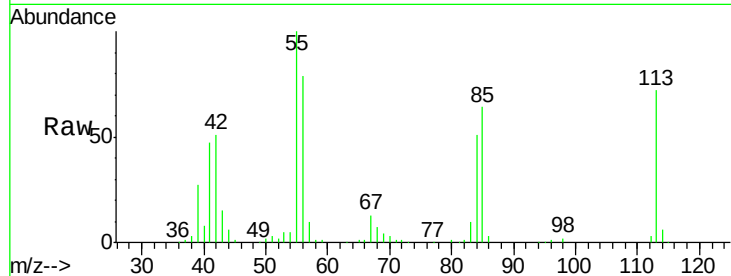




#35
 Caprolactam
 Concen: 38.758 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

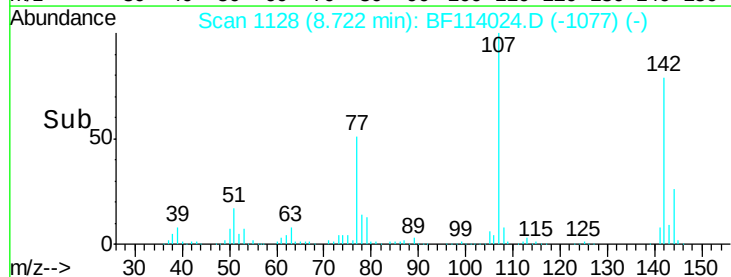
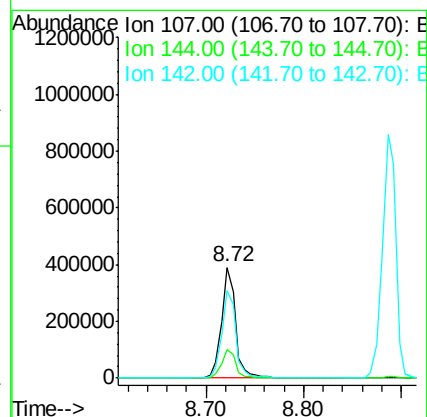
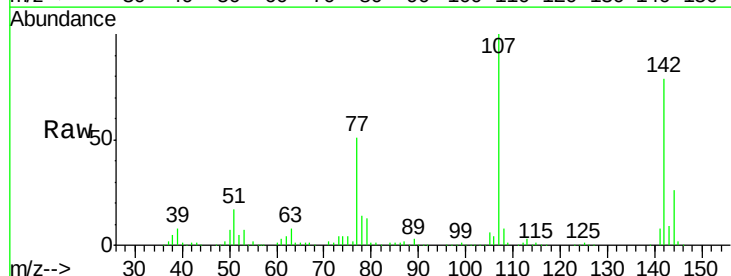
Instrument :
 BNA_F
 ClientSampleId :

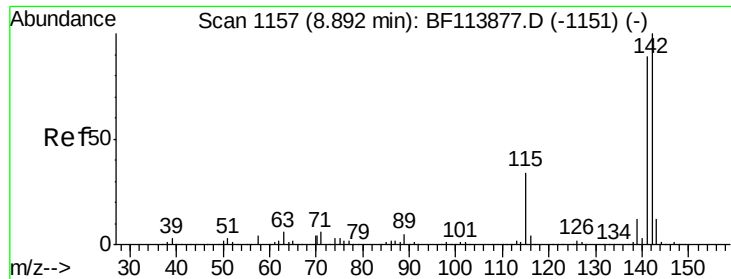
Tot Ion:113 Resp: 118736
 Ion Ratio Lower Upper
 113 100
 55 138.1 128.6 168.6
 56 109.1 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.843 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion:107 Resp: 389690
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.3 64.2 96.4

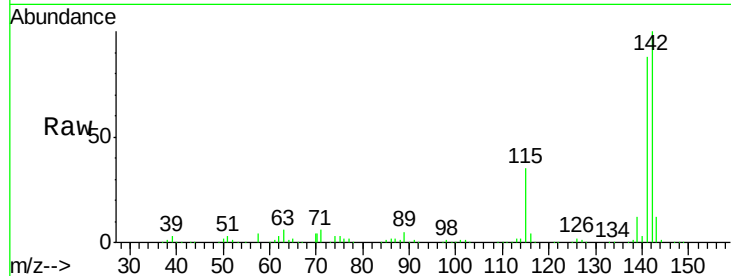




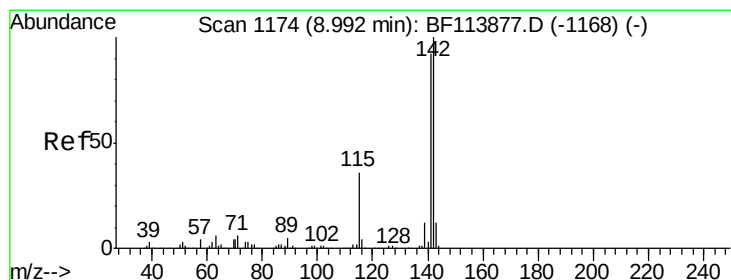
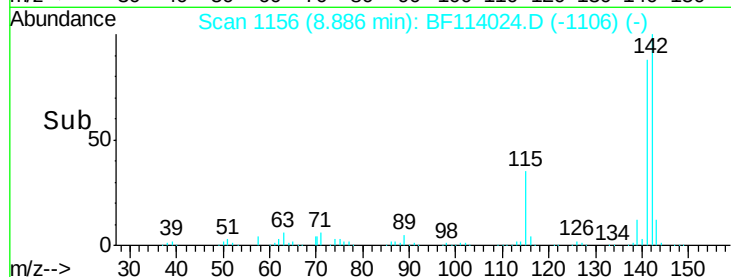
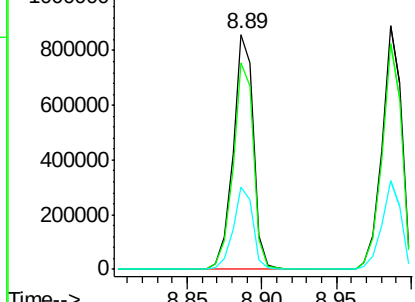
#37
2-Methylnaphthalene
Concen: 40.544 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 822336
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6
115 34.8 26.3 39.5

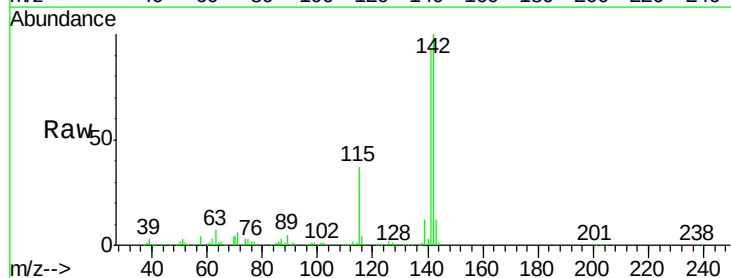


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

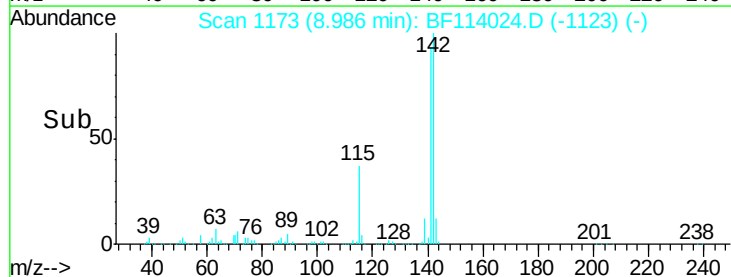
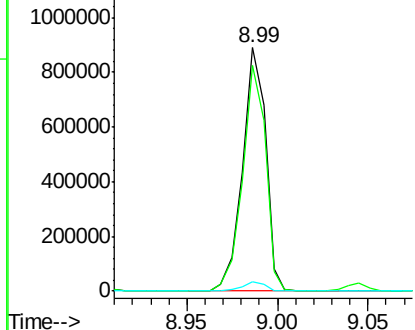


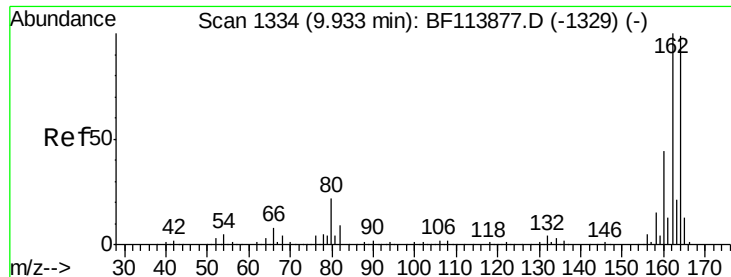
#38
1-Methylnaphthalene
Concen: 40.466 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:142 Resp: 792167
Ion Ratio Lower Upper
142 100
141 92.6 72.3 108.5
116 3.9 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

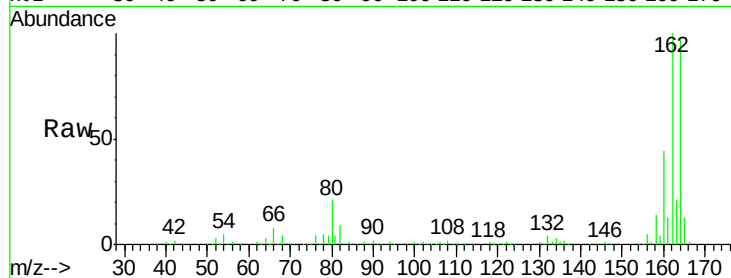
Tot Ion:164 Resp: 330786

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

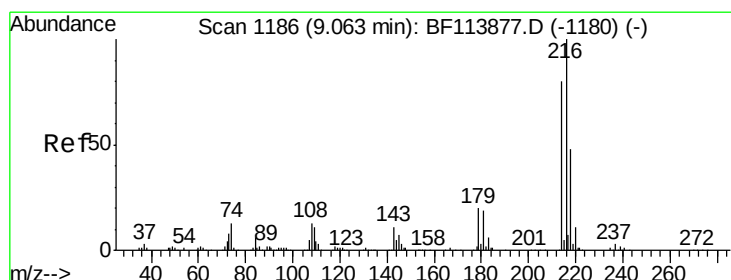
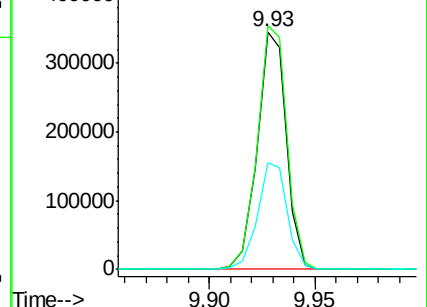
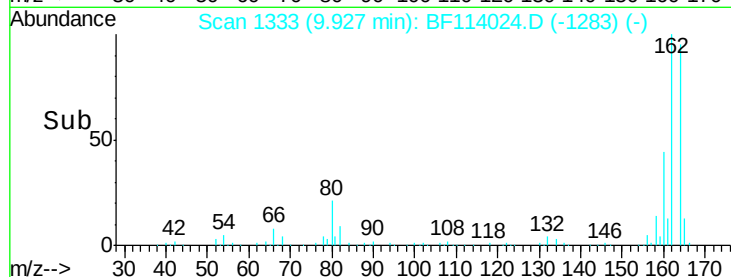
160 45.0 35.8 53.6



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: 40.541 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Tgt Ion:216 Resp: 435615

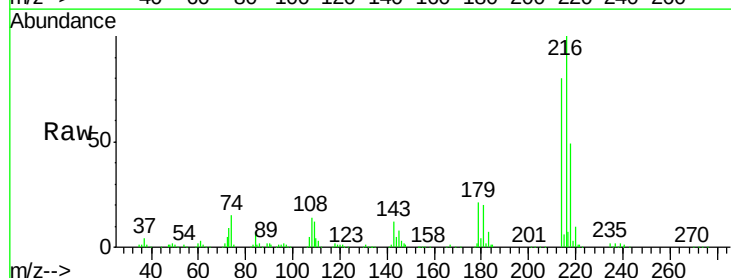
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.6 16.1 24.1

108 16.5 13.4 20.0

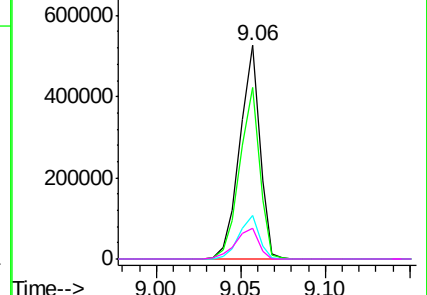
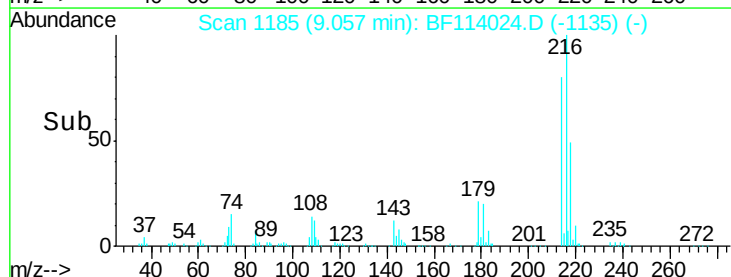


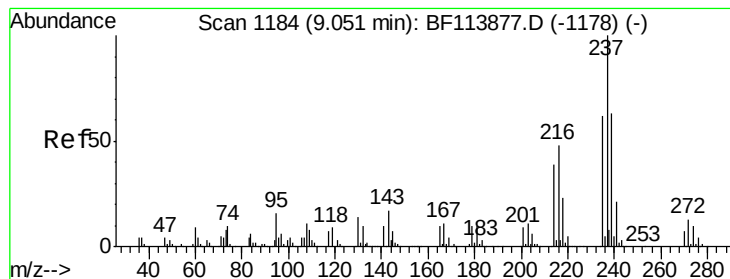
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.761 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

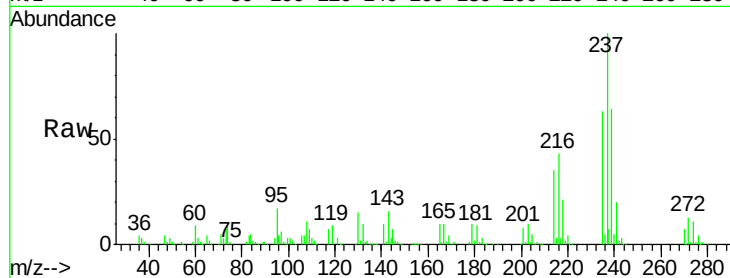
Tot Ion:237 Resp: 226257

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

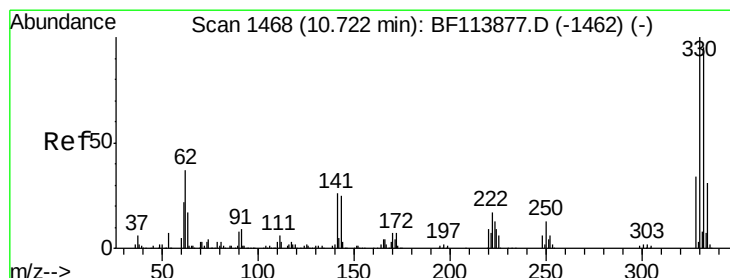
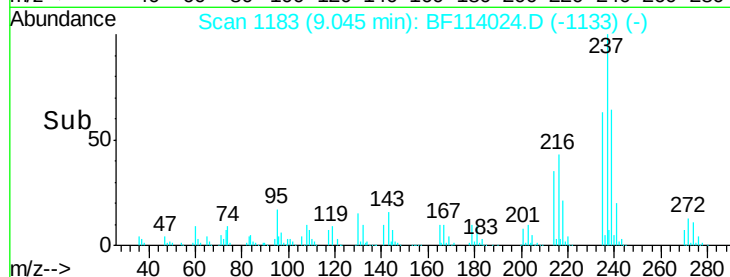
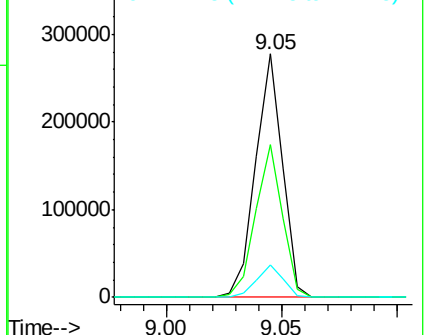
272 13.3 0.0 33.8



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: 82.231 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

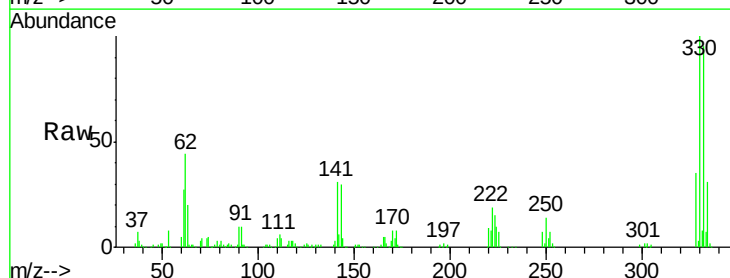
Tgt Ion:330 Resp: 331361

Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

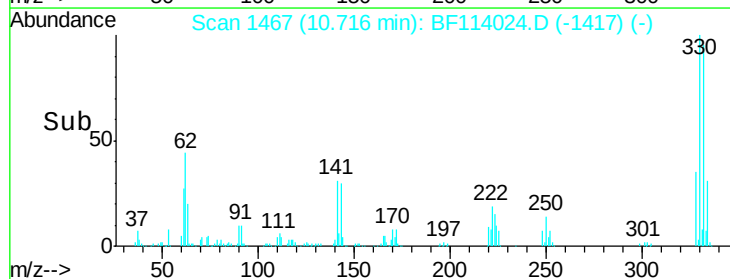
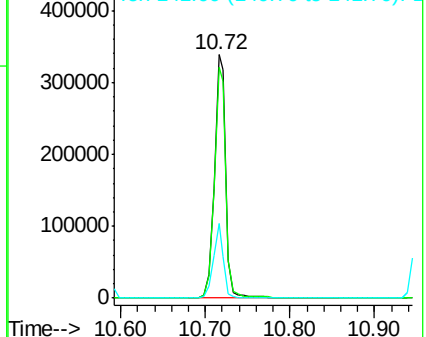
141 27.1 22.2 33.2

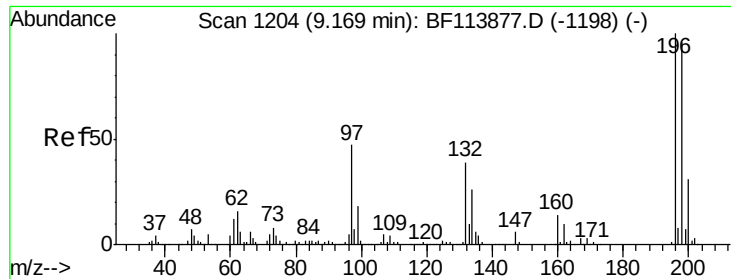


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

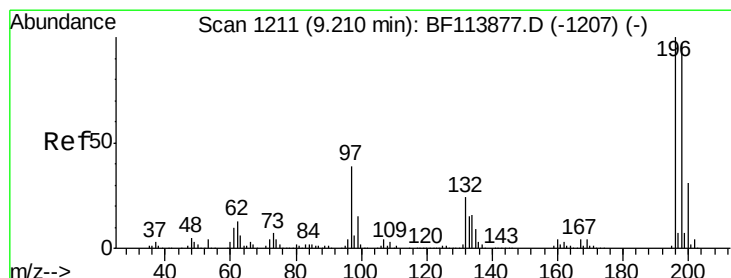
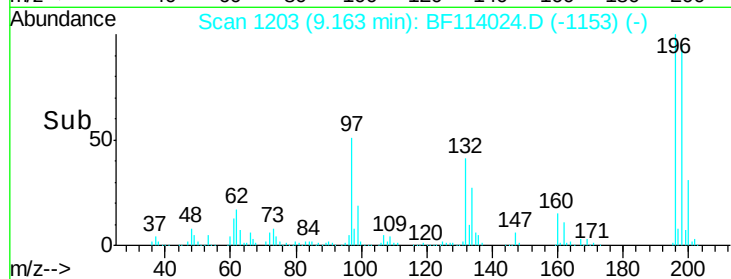
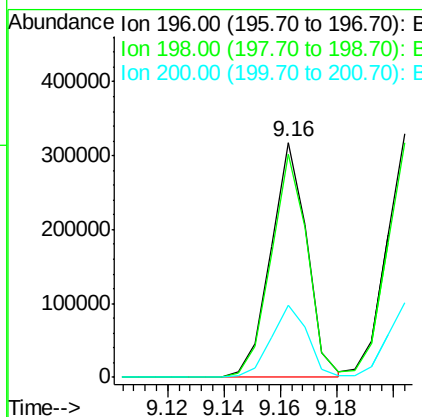
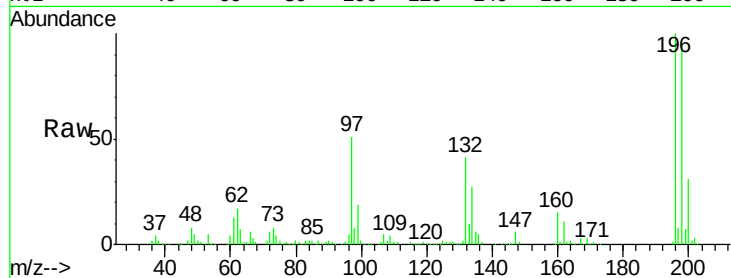




#43
 2,4,6-Trichlorophenol
 Concen: 41.255 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

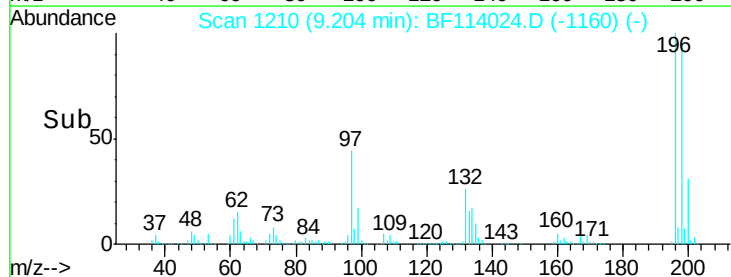
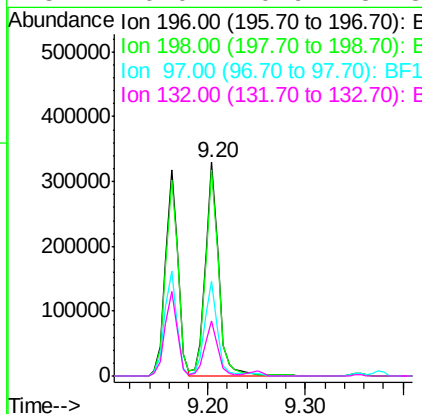
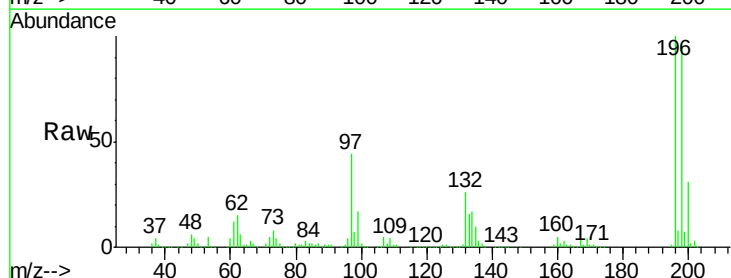
Instrument :
 BNA_F
 ClientSampled :

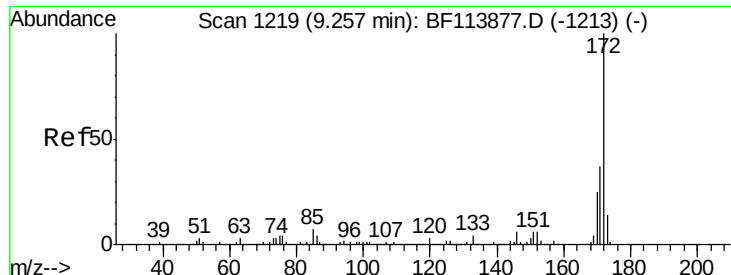
Tot Ion:196 Resp: 281484
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.6 113.4
 200 30.6 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.545 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion:196 Resp: 310291
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.4
 97 44.2 35.8 53.8
 132 26.0 20.9 31.3

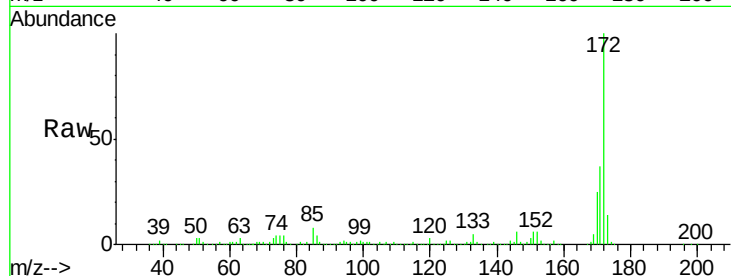




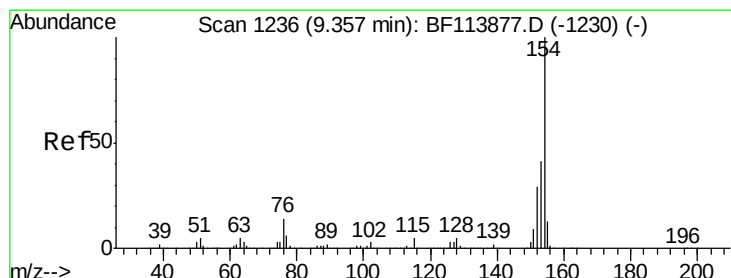
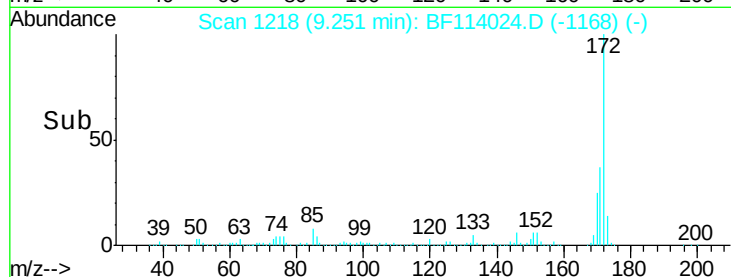
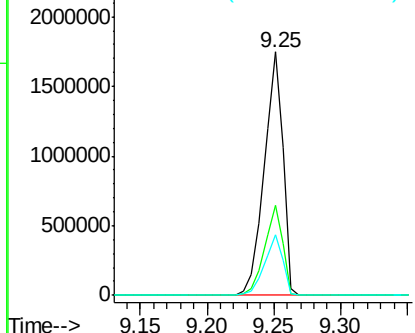
#45
2-Fluorobiphenyl
Concen: 79.427 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1679864
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.9 19.9 29.9

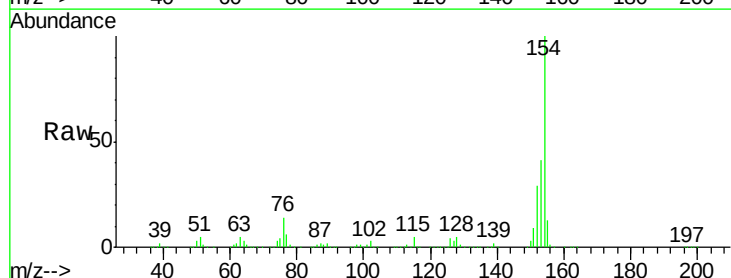


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

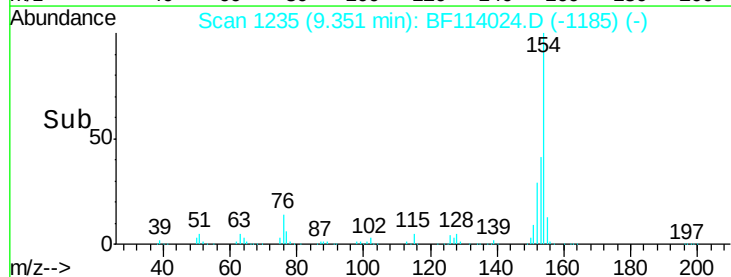
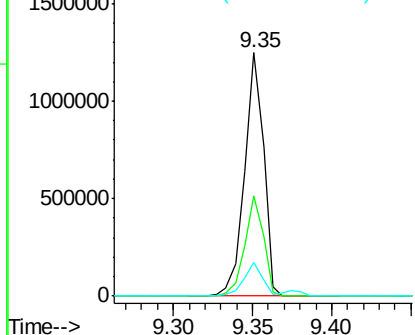


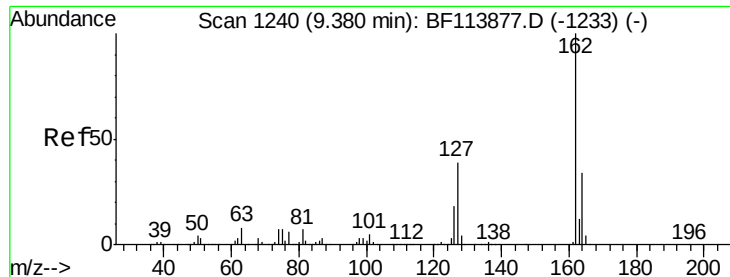
#46
1,1'-Biphenyl
Concen: 40.792 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:154 Resp: 1030790
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.8 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

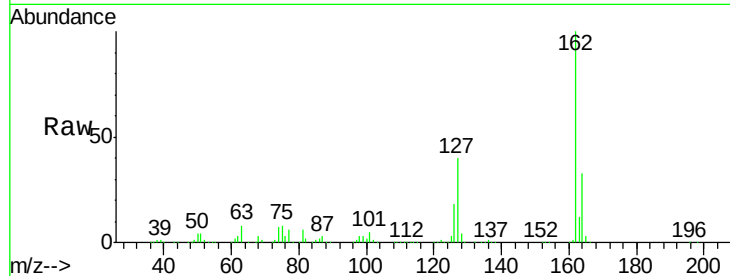




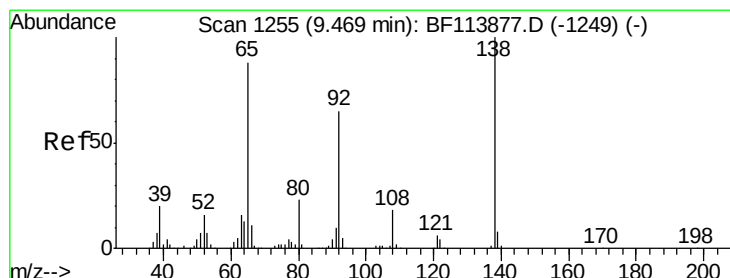
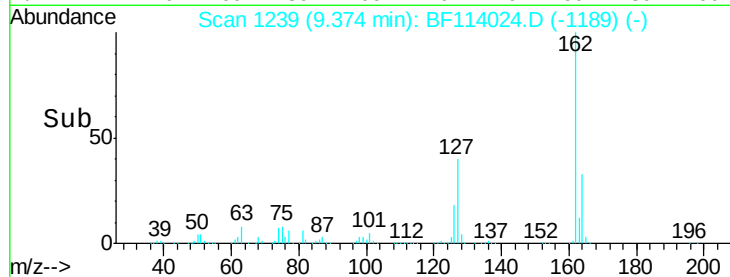
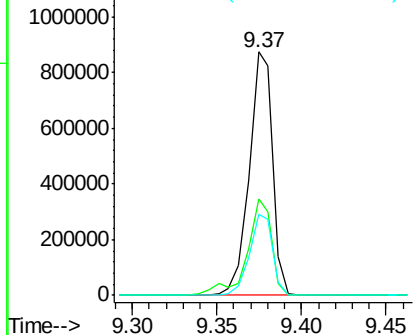
#47
 2-Chloronaphthalene
 Concen: 41.060 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	29.3	43.9
164	33.2	27.1	40.7

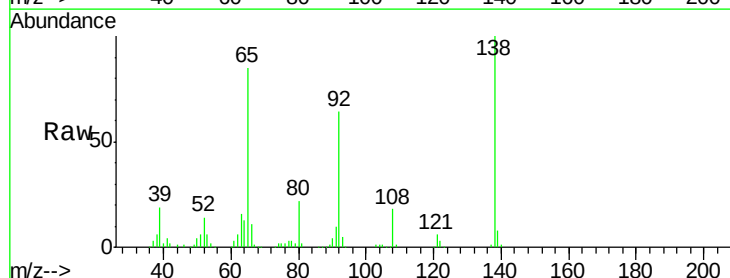


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

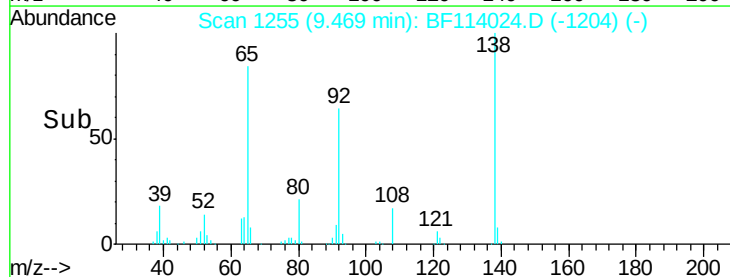
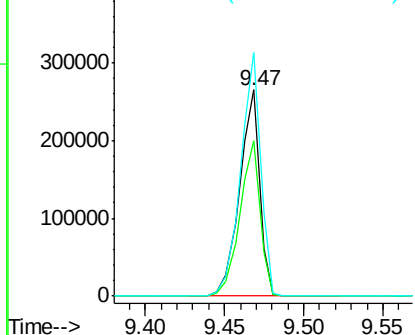


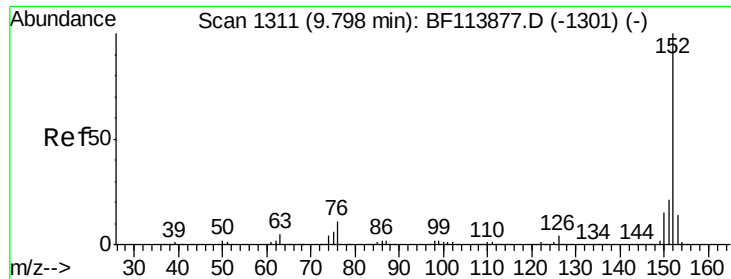
#48
 2-Nitroaniline
 Concen: 43.278 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.4	86.0
138	118.2	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: 40.735 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

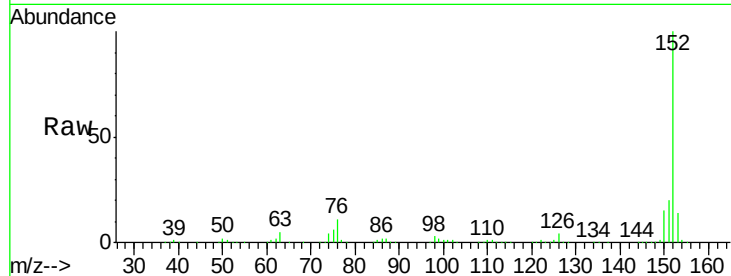
Tot Ion:152 Resp: 1310476

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

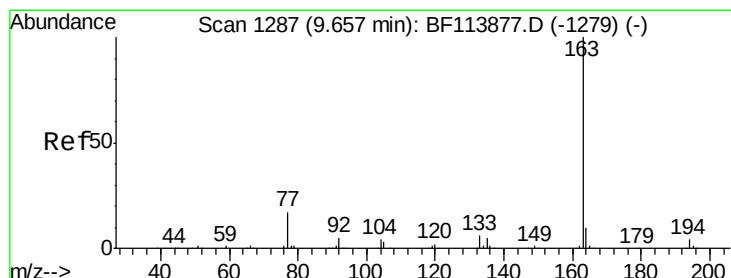
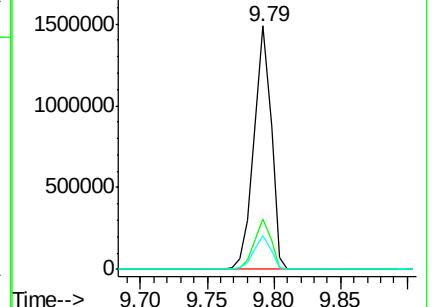
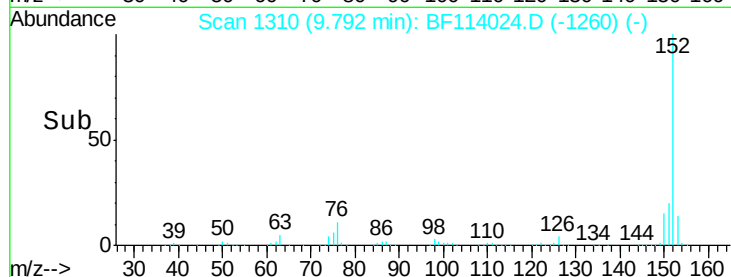
153 13.6 11.0 16.6



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: 41.114 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

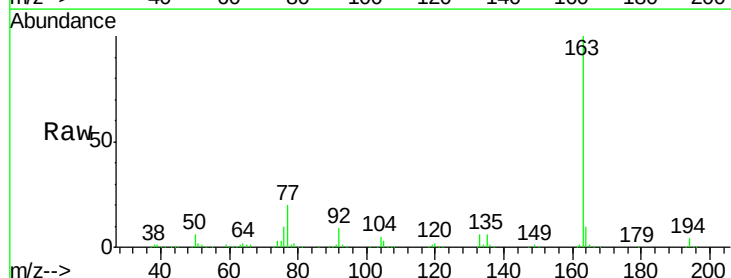
Tgt Ion:163 Resp: 983575

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

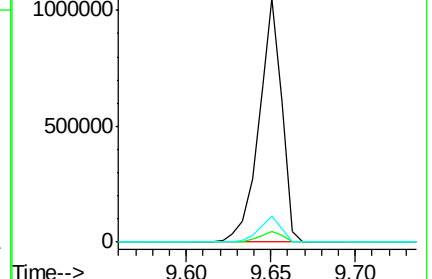
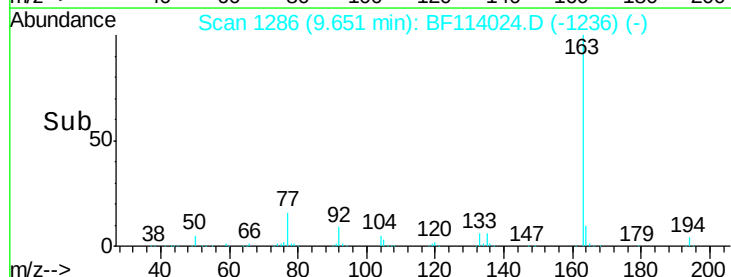
164 10.5 8.5 12.7

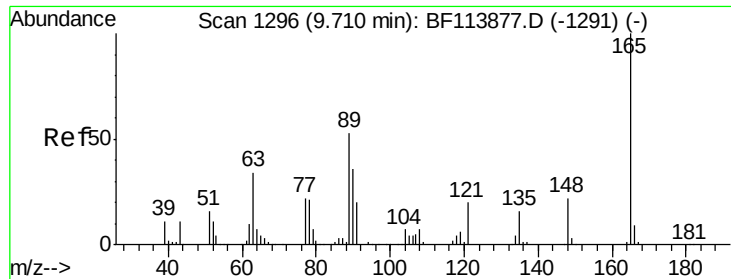


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

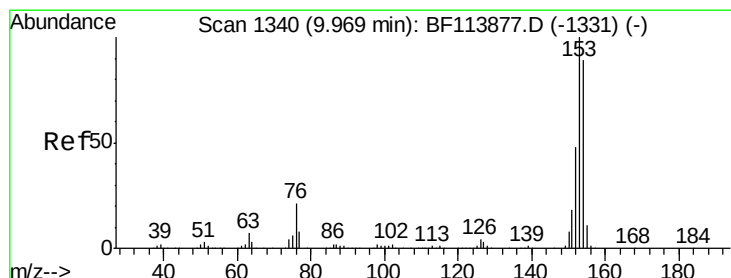
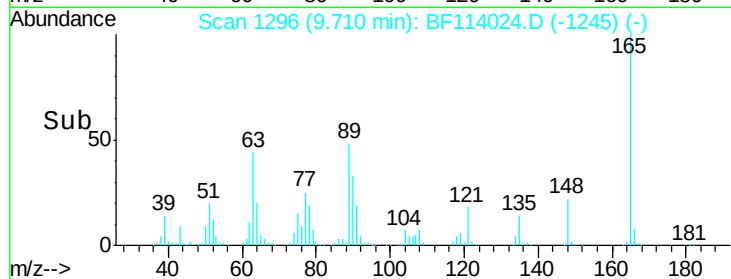
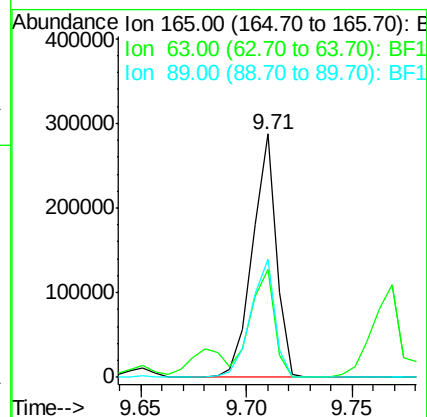
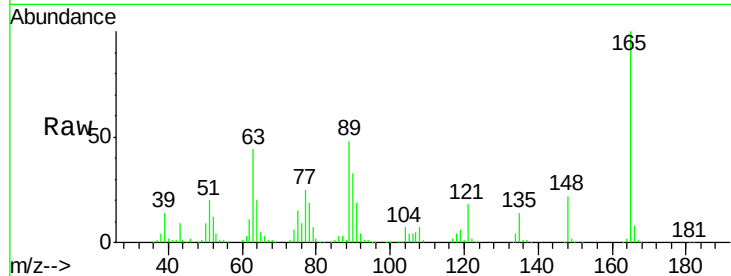




#51
 2,6-Dinitrotoluene
 Concen: 44.191 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

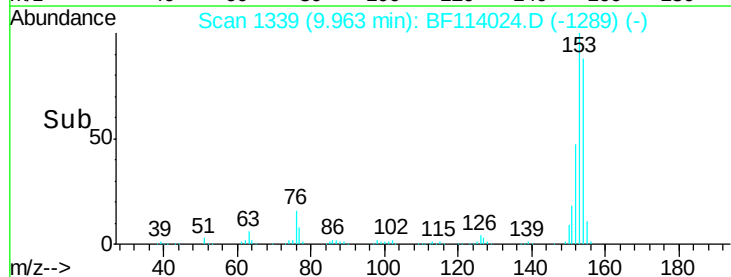
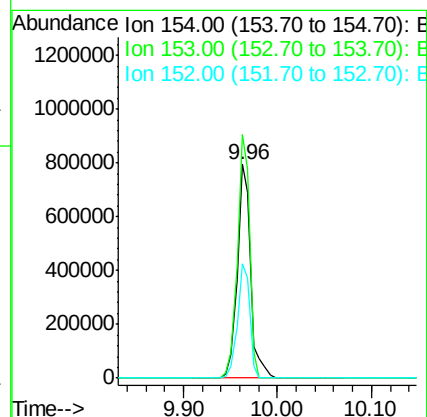
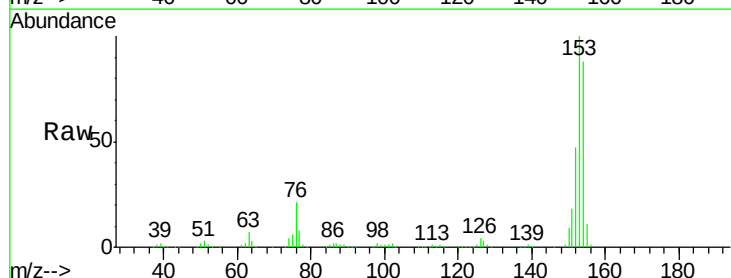
Instrument :
 BNA_F
 ClientSampled :

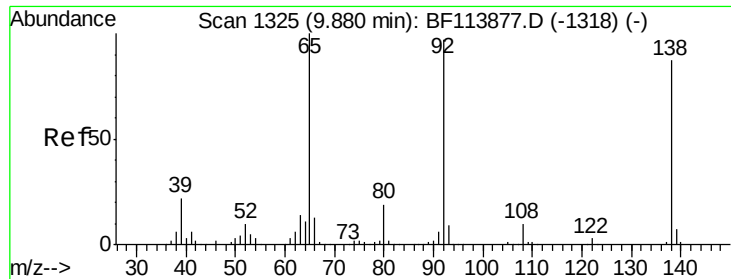
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.8	50.8
89	48.3	38.2	57.2



#52
 Acenaphthene
 Concen: 41.184 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	87.2	130.8
152	53.3	42.3	63.5

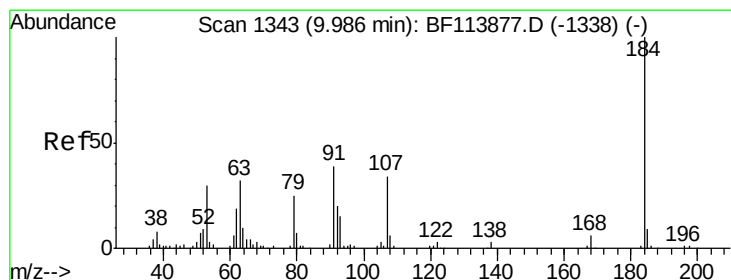
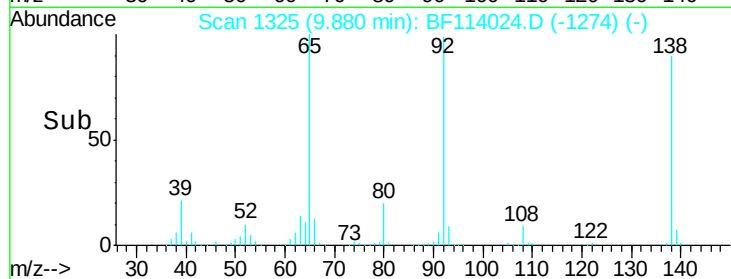
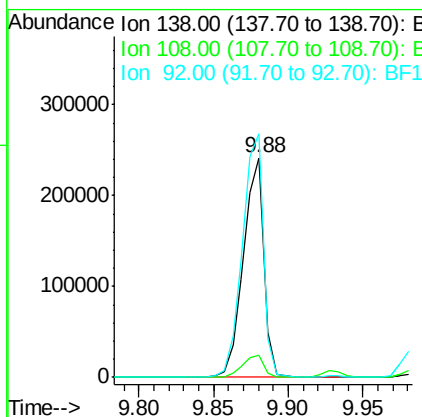
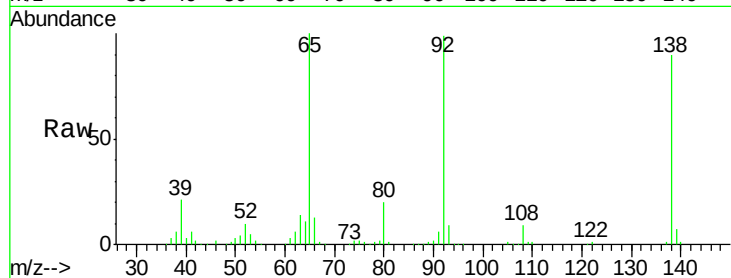




#53
 3-Nitroaniline
 Concen: 42.719 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

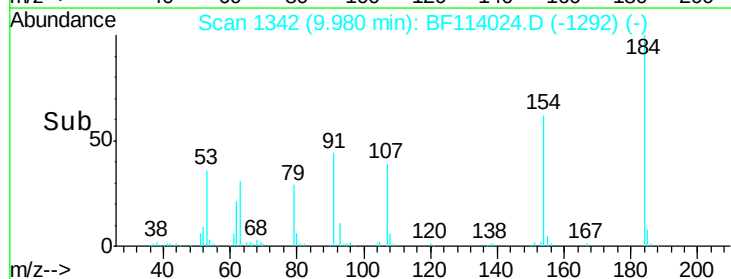
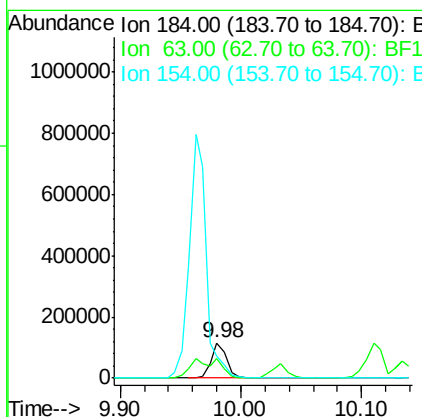
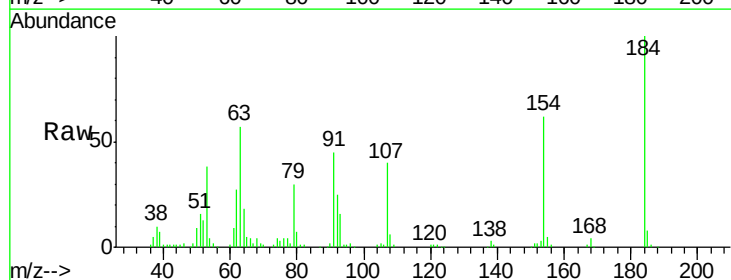
Instrument :
 BNA_F
 ClientSampleId :

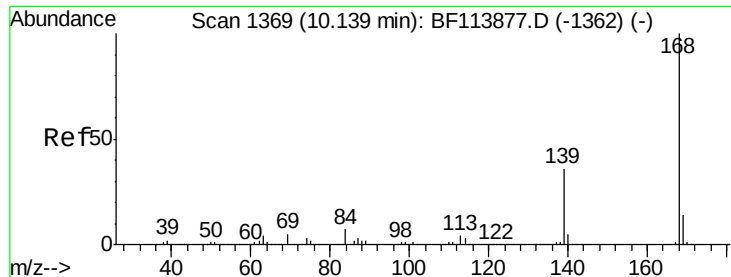
Tot Ion:138 Resp: 230393
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.4 14.2
 92 110.7 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 49.966 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion:184 Resp: 103211
 Ion Ratio Lower Upper
 184 100
 63 56.5 54.6 81.8
 154 61.6 218.6 328.0#

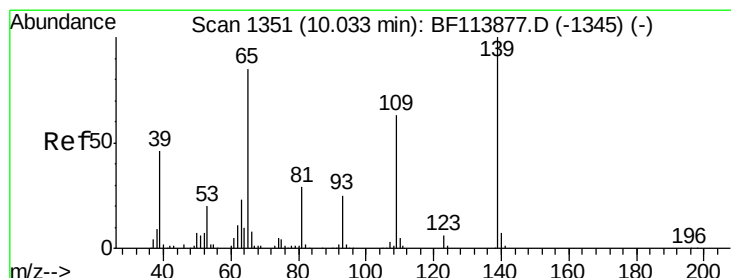
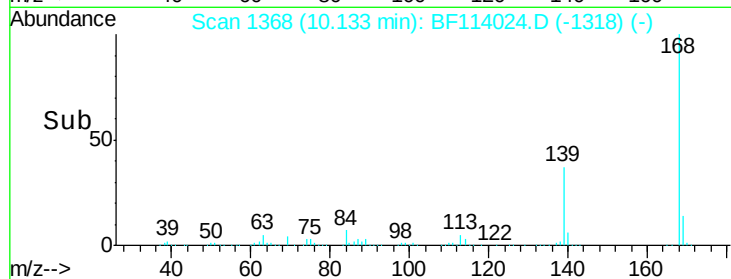
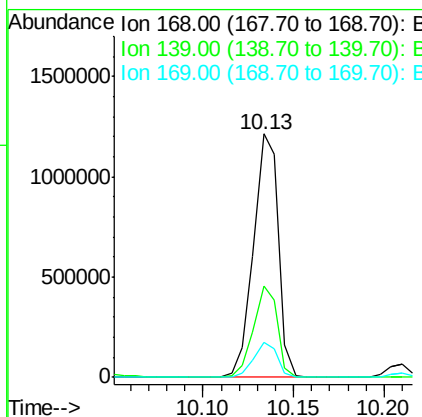
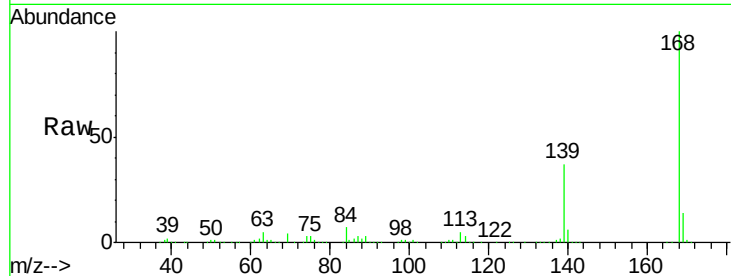




#55
Dibenzofuran
Concen: 40.573 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

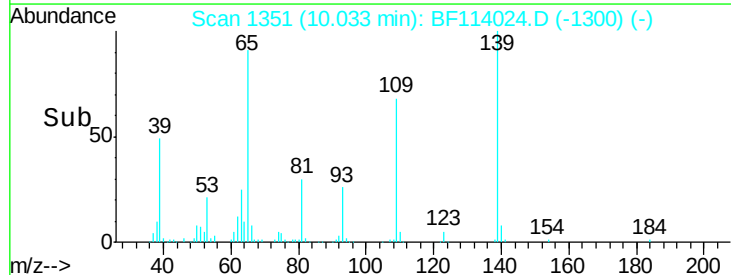
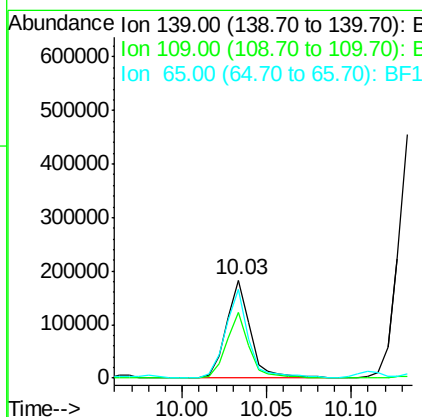
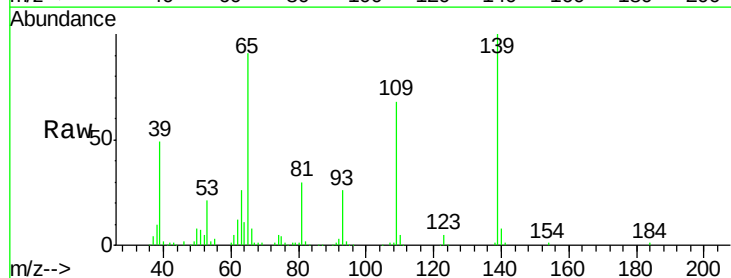
Instrument :
BNA_F
ClientSampleId :

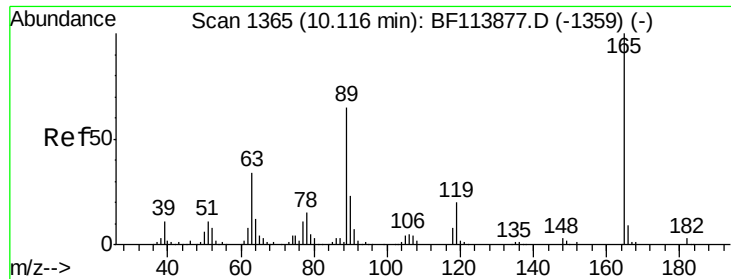
Tot Ion:168 Resp: 1155496
Ion Ratio Lower Upper
168 100
139 37.4 27.8 41.6
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 42.357 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:139 Resp: 180874
Ion Ratio Lower Upper
139 100
109 67.7 42.9 82.9
65 90.9 64.4 104.4

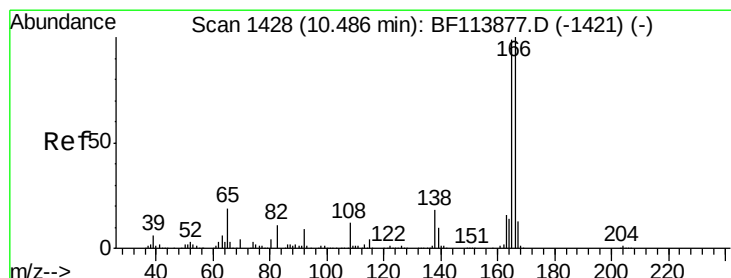
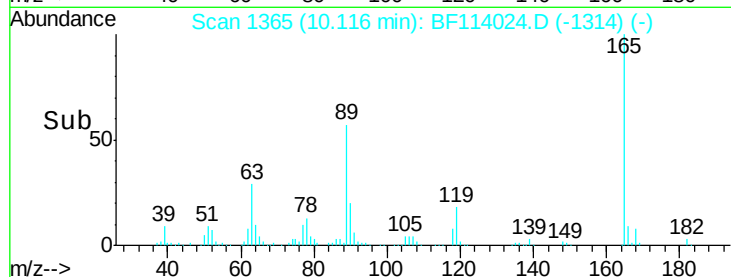
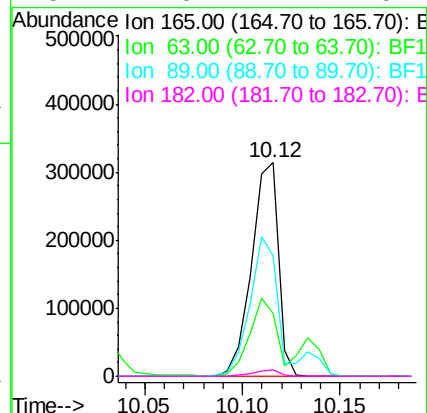
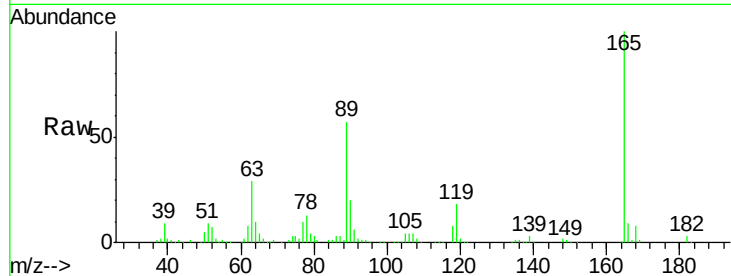




#57
2,4-Dinitrotoluene
Concen: 46.262 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

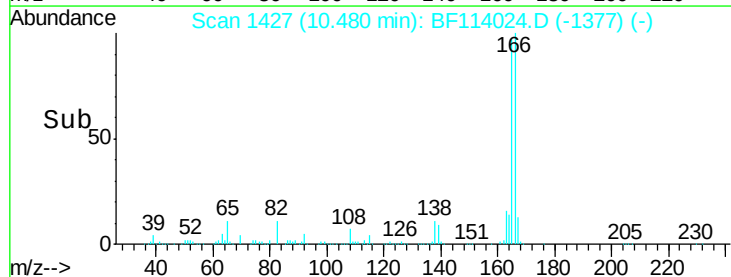
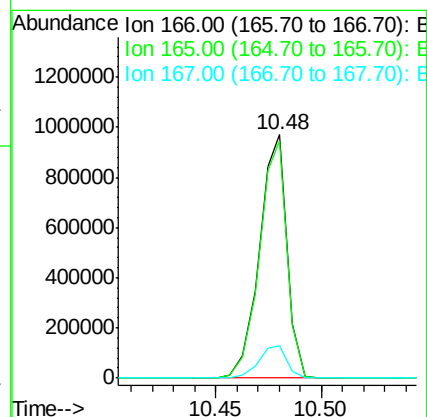
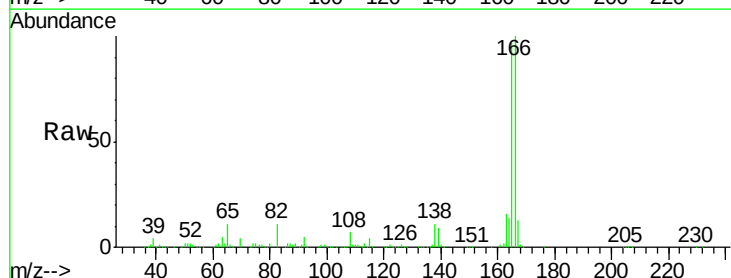
Instrument :
BNA_F
ClientSampled :

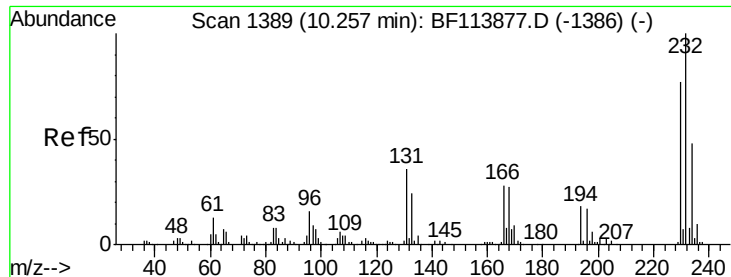
Tot Ion:165	Resp:	299691
Ion Ratio	Lower	Upper
165	100	
63	29.2	27.4 41.0
89	56.6	51.8 77.6
182	2.8	2.2 3.2



#58
Fluorene
Concen: 41.028 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:166	Resp:	879687
Ion Ratio	Lower	Upper
166	100	
165	97.3	78.4 117.6
167	13.3	10.9 16.3

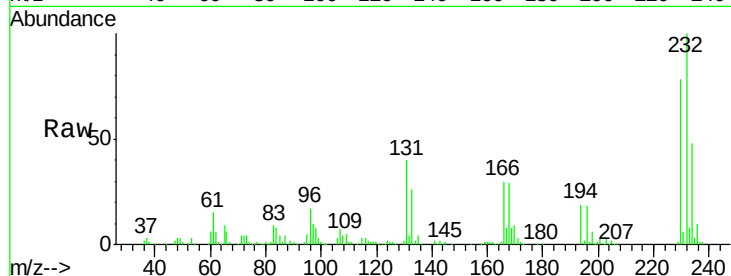




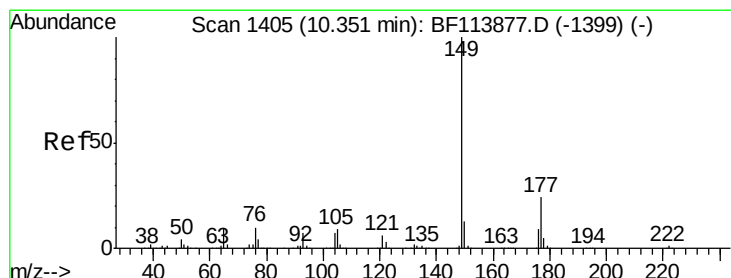
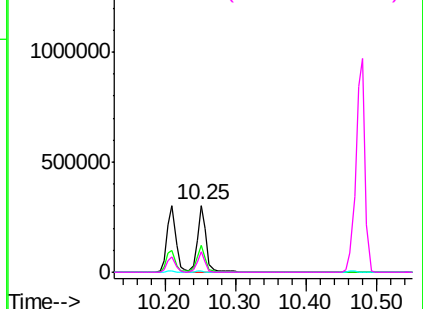
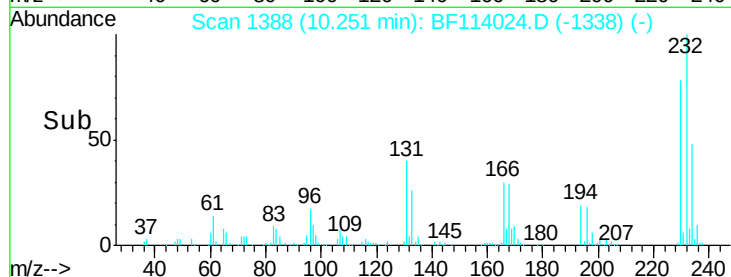
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.706 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	30.2	45.2
130	1.7	1.5	2.3
166	27.7	22.2	33.4

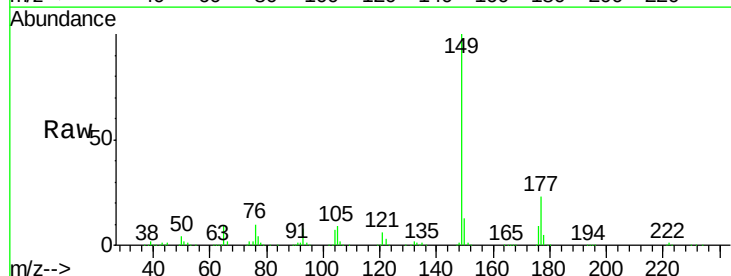


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

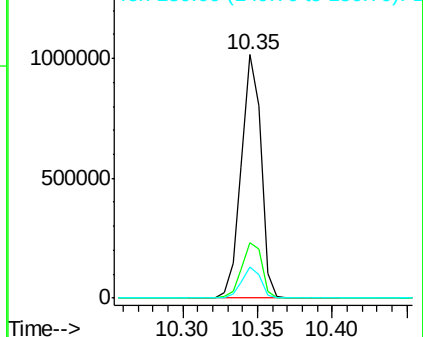
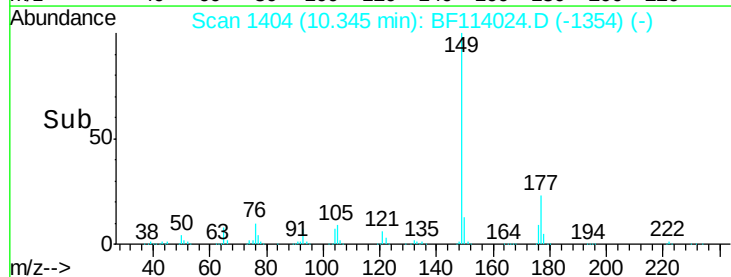


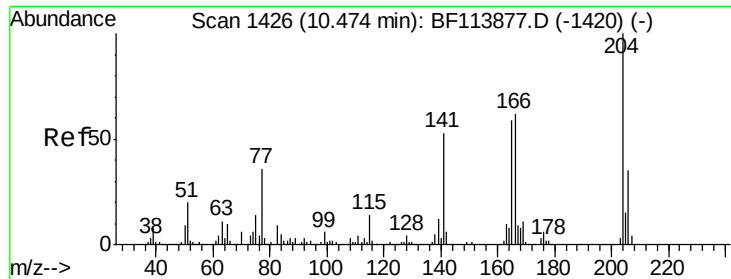
#60
Diethylphthalate
Concen: 41.313 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	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

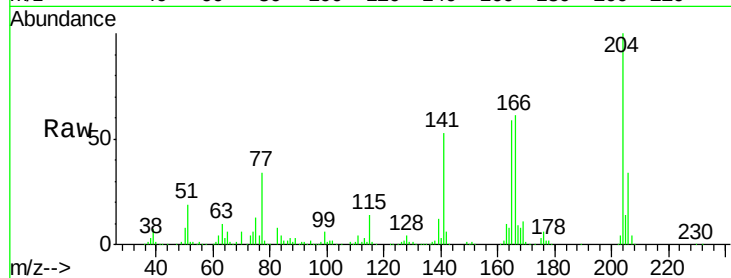




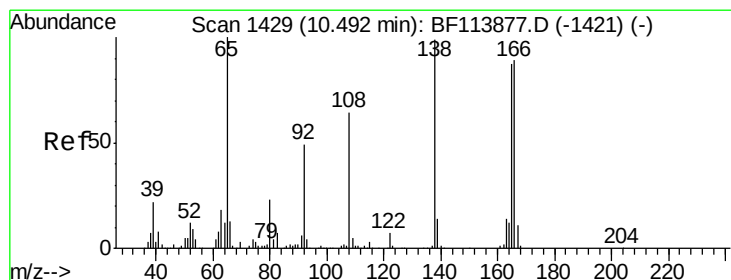
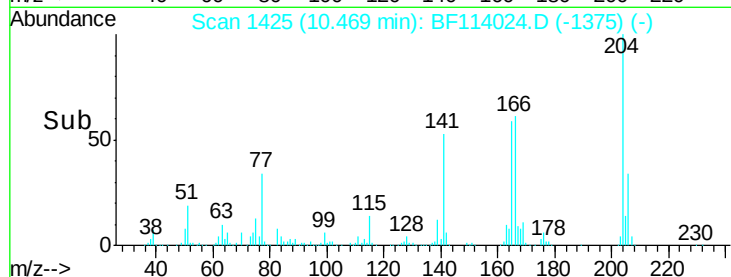
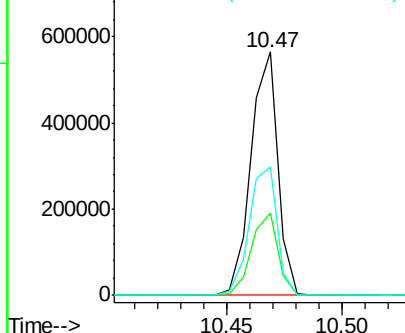
#61
4-Chlorophenyl-phenylether
Concen: 40.615 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 461189
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 52.6 42.6 63.8

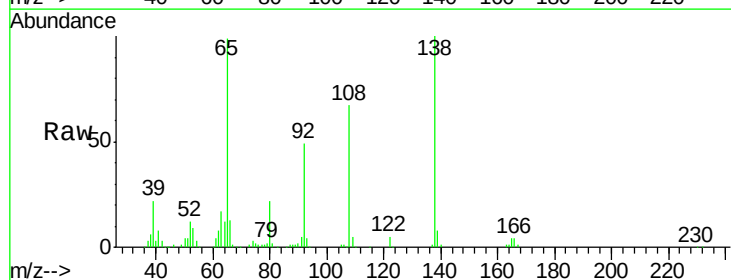


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

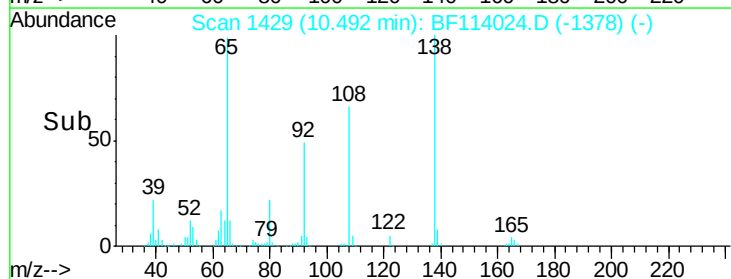
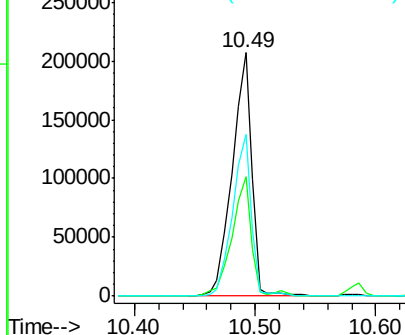


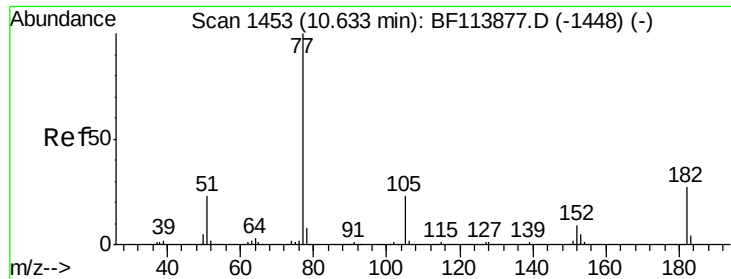
#62
4-Nitroaniline
Concen: 44.520 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:138 Resp: 234310
Ion Ratio Lower Upper
138 100
92 49.3 31.3 71.3
108 66.6 48.9 88.9



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





#63

Azobenzene

Concen: 40.260 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 886432

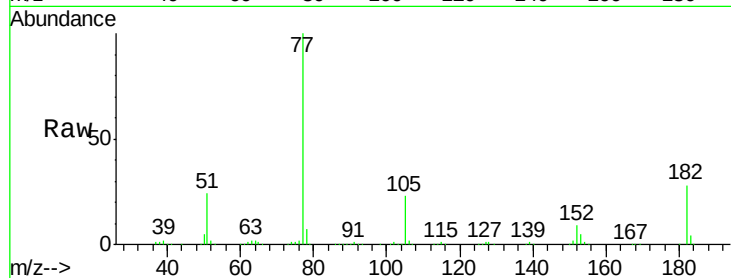
Ion Ratio Lower Upper

77 100

182 27.8 4.4 44.4

105 22.7 2.2 42.2

51 23.9 3.9 43.9

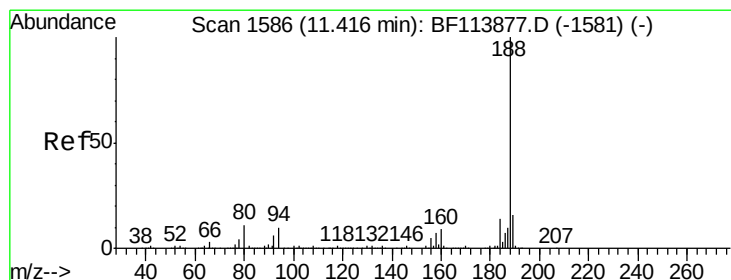
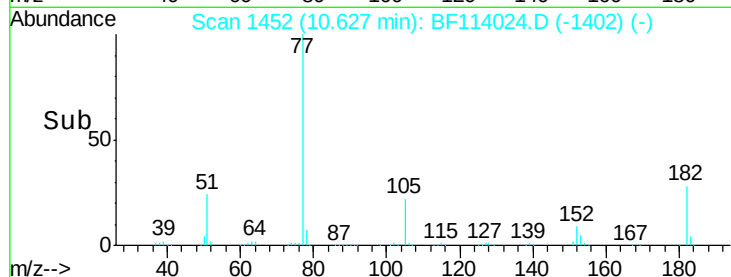
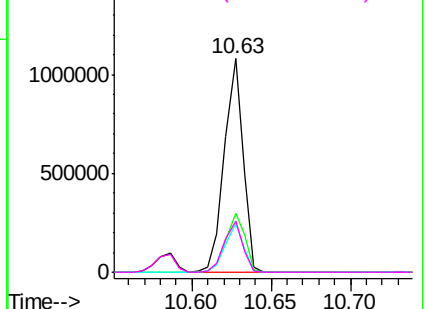


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

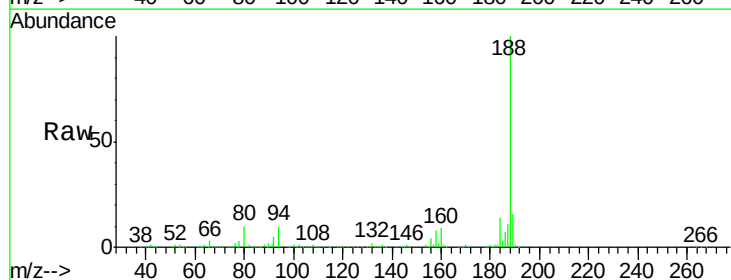
Tgt Ion: 188 Resp: 656468

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

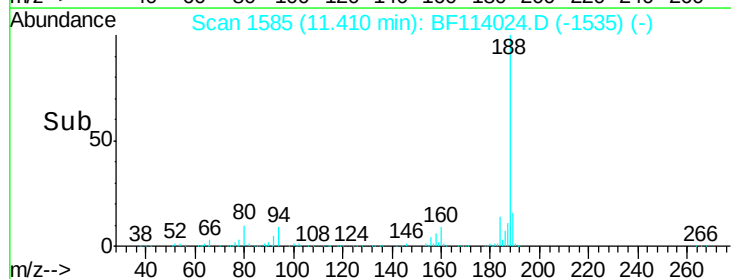
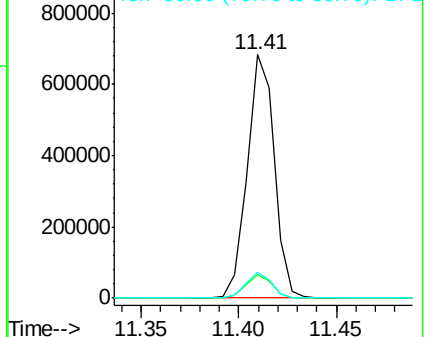
80 10.5 9.0 13.6

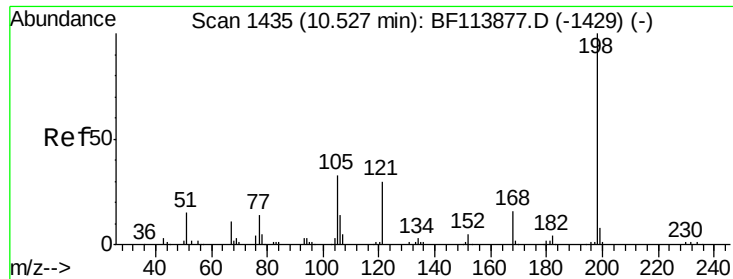


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.162 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

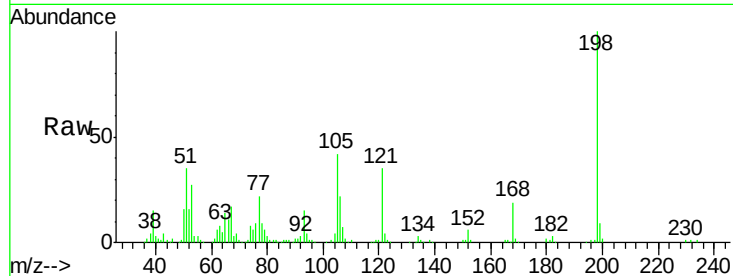
Tot Ion:198 Resp: 141452

Ion Ratio Lower Upper

198 100

51 35.4 11.1 51.1

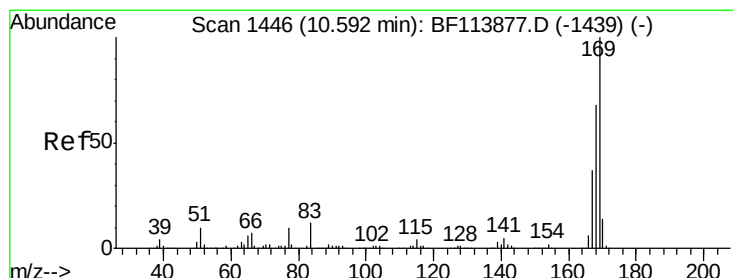
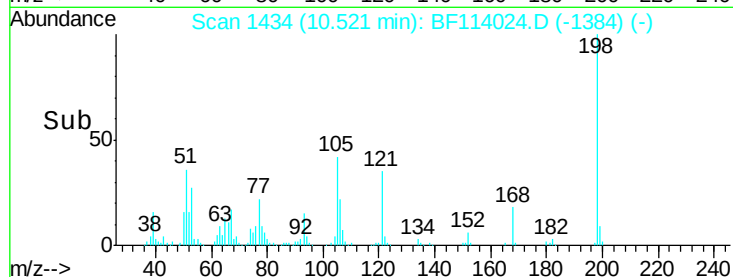
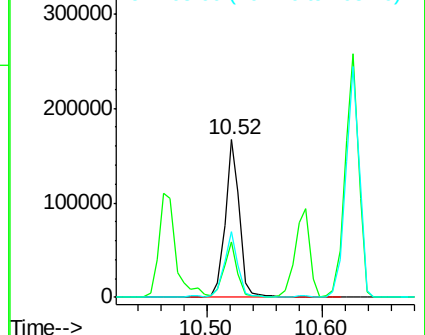
105 41.6 20.7 60.7



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: 39.602 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

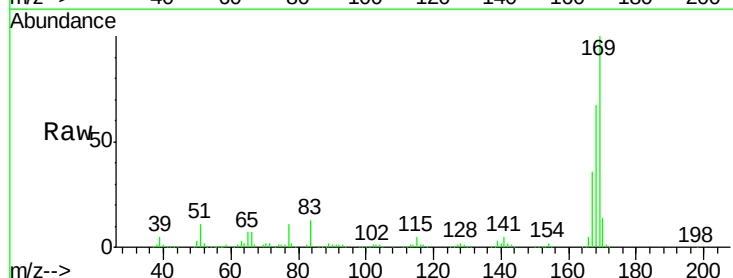
Tgt Ion:169 Resp: 780063

Ion Ratio Lower Upper

169 100

168 66.7 54.3 81.5

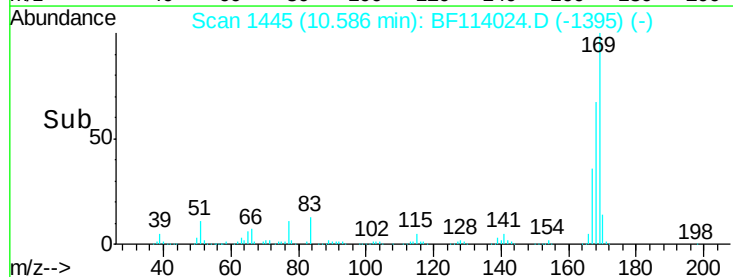
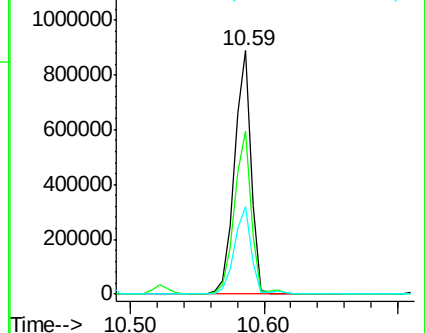
167 35.9 29.4 44.0

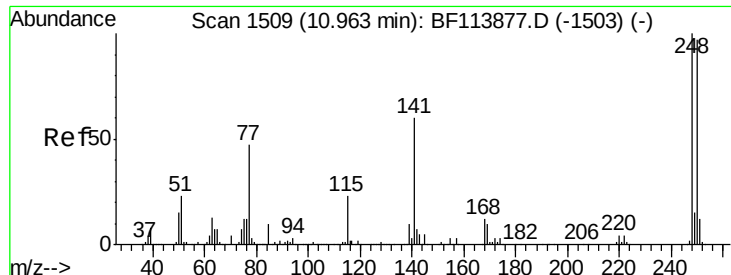


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

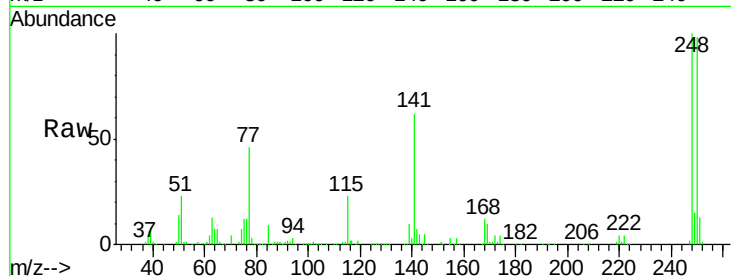




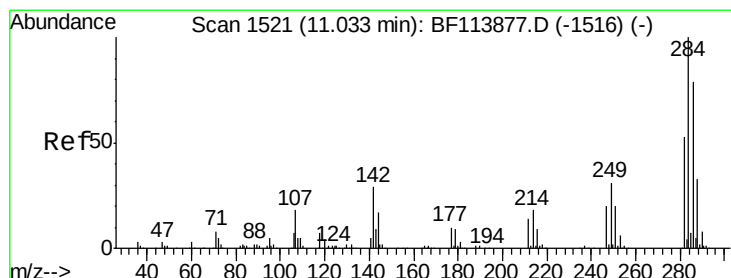
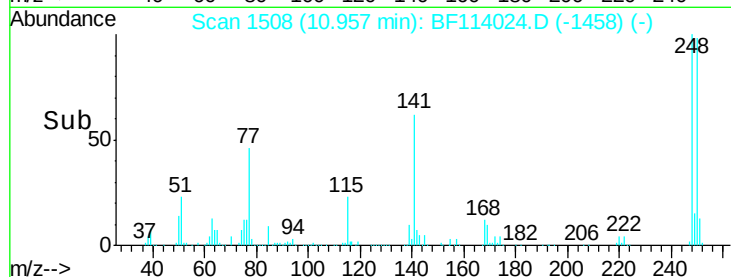
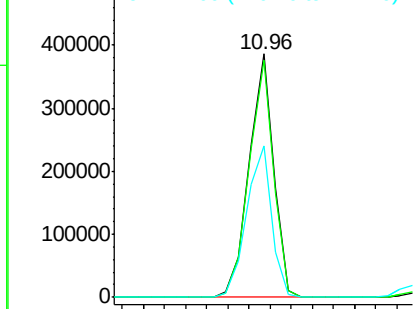
#67
 4-Bromophenyl-phenylether
 Concen: 39.482 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 313106
 Ion Ratio Lower Upper
 248 100
 250 97.6 75.8 113.6
 141 62.4 50.2 75.4

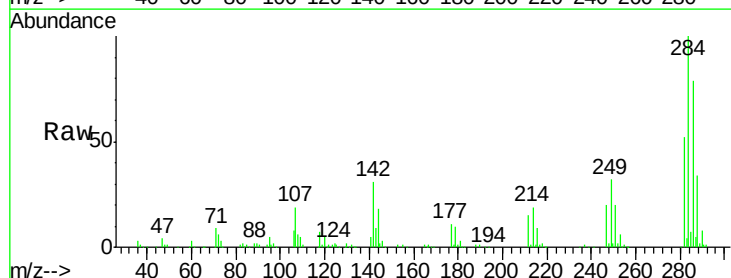


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

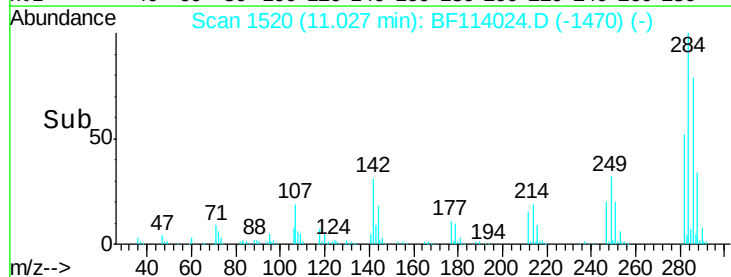
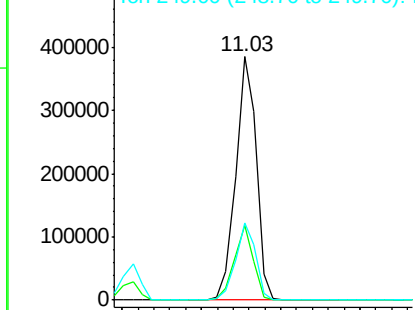


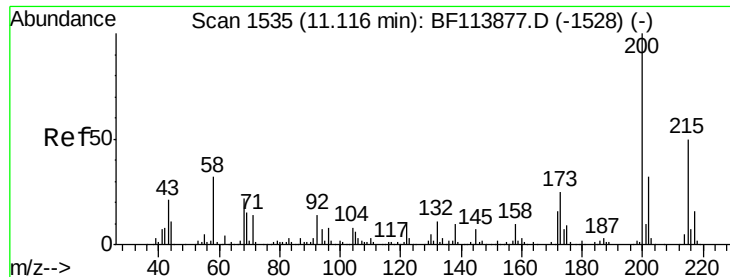
#68
 Hexachlorobenzene
 Concen: 39.504 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion:284 Resp: 344267
 Ion Ratio Lower Upper
 284 100
 142 30.8 23.0 34.4
 249 31.7 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: 39.970 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

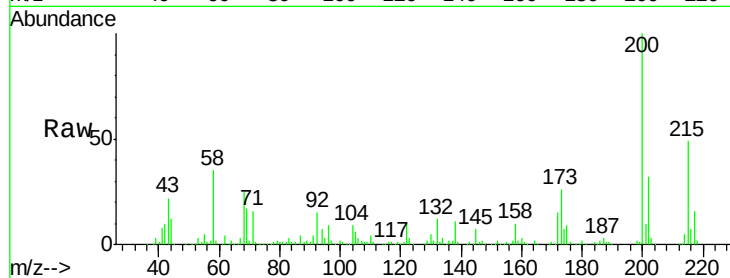
Tot Ion:200 Resp: 256114

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

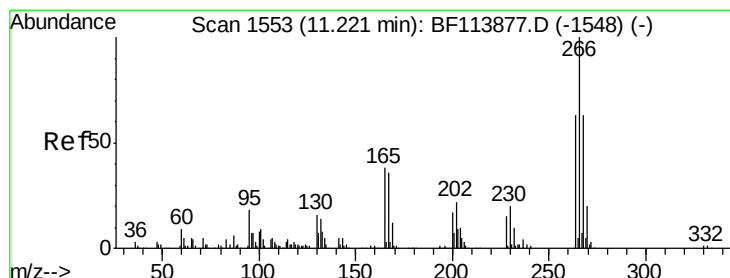
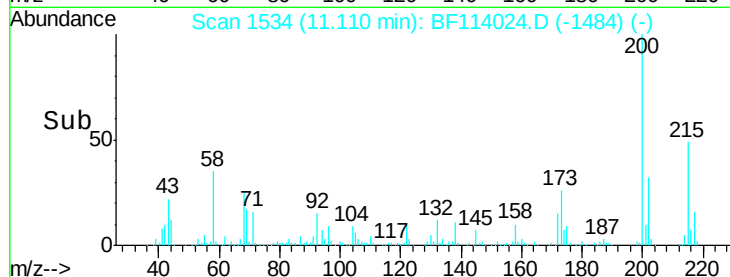
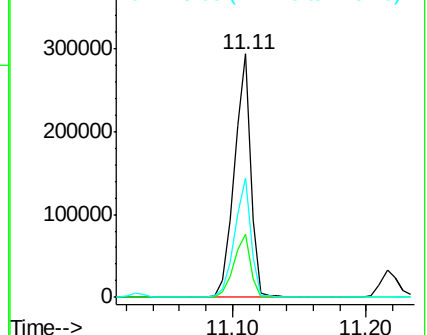
215 49.1 29.3 69.3



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: 42.037 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

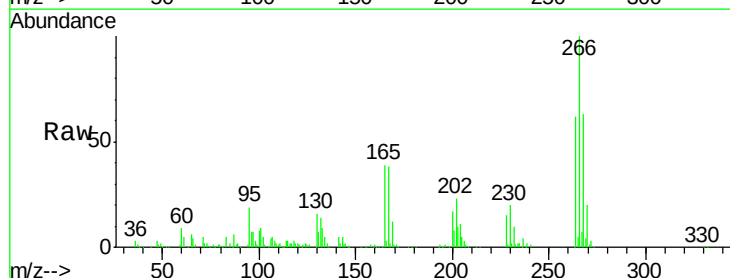
Tgt Ion:266 Resp: 207416

Ion Ratio Lower Upper

266 100

268 63.1 53.5 80.3

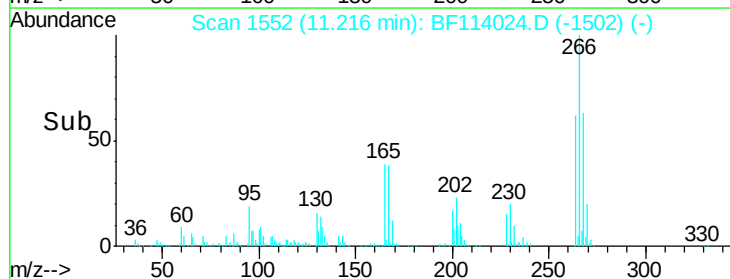
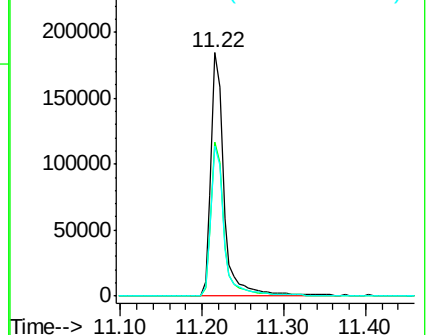
264 61.6 51.0 76.6

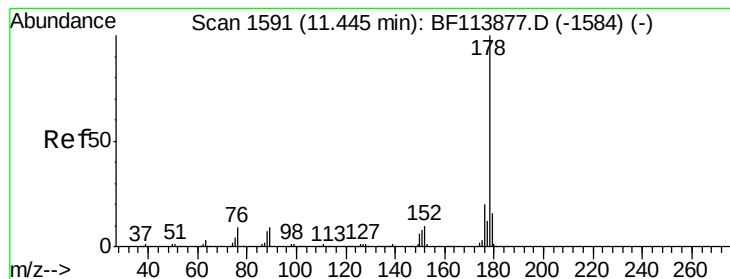


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.053 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

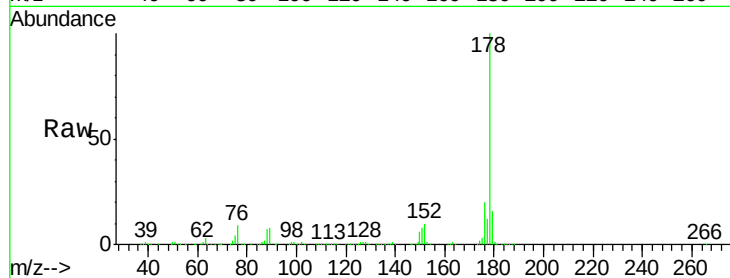
Tot Ion:178 Resp: 1321390

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

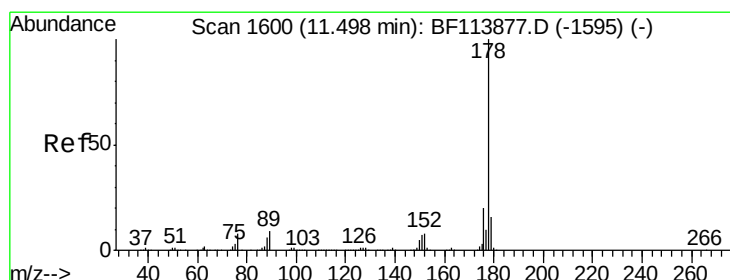
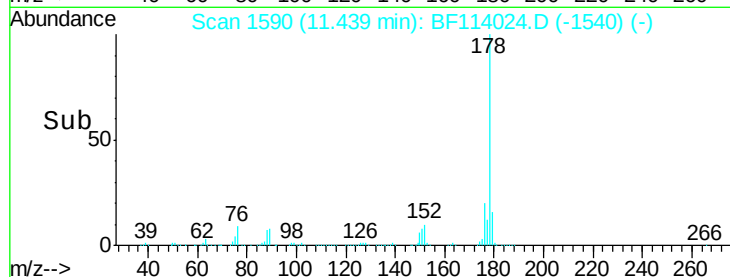
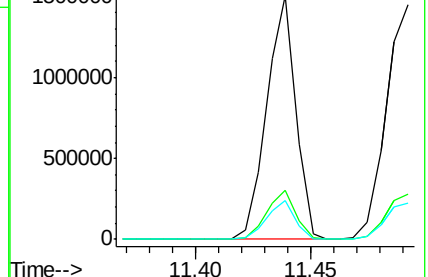
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.346 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

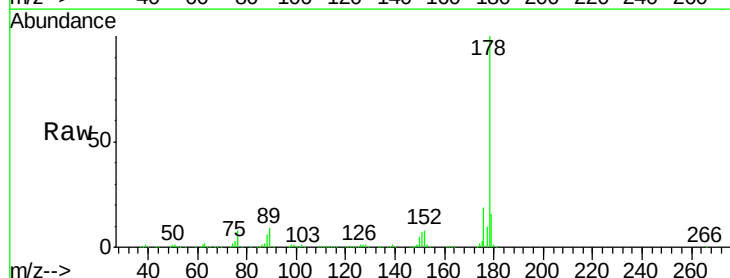
Tgt Ion:178 Resp: 1344164

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

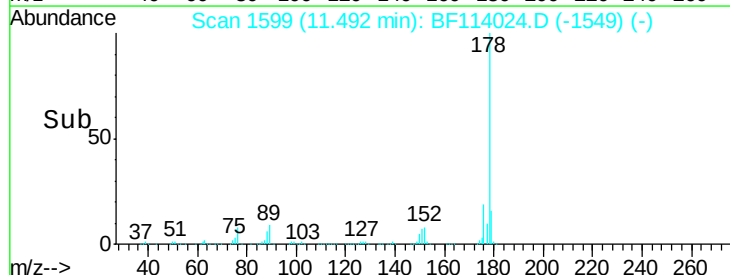
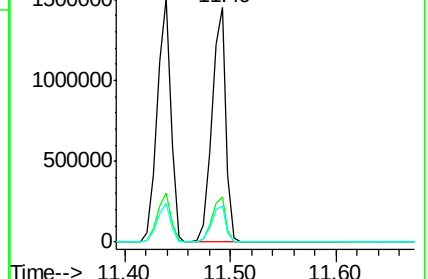
179 15.6 13.0 19.4

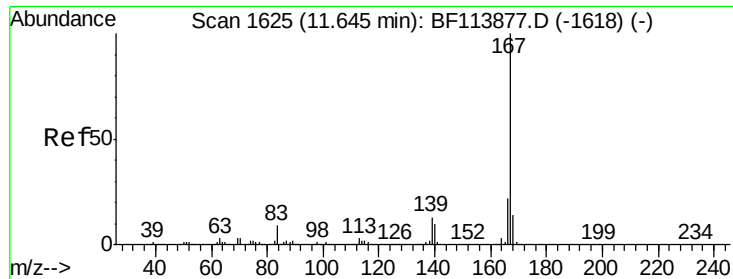


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



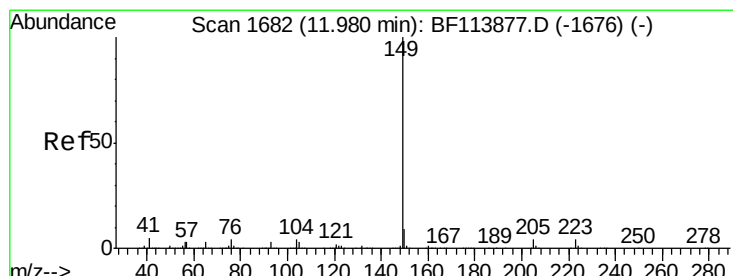
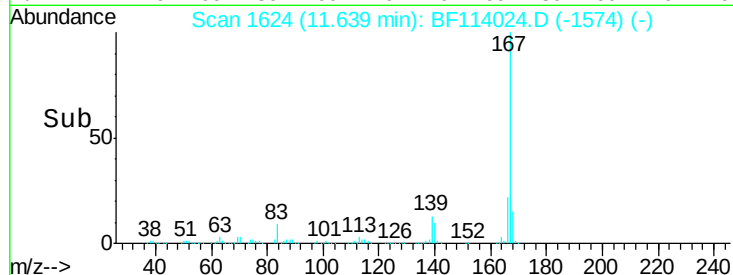
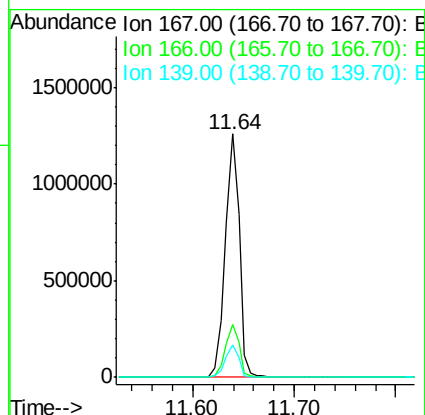
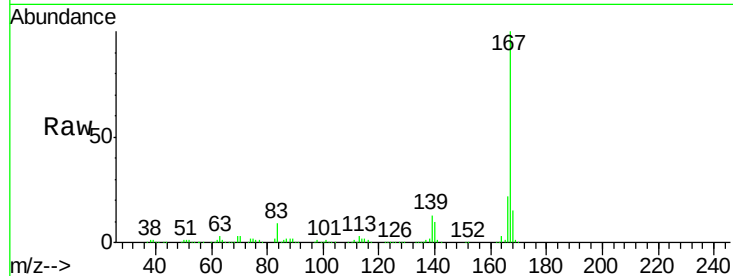


#73
 Carbazole
 Concen: 40.767 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1211689

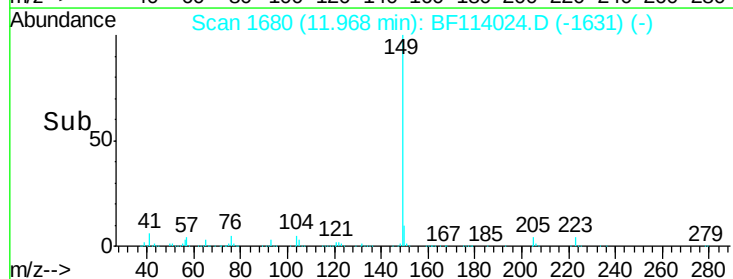
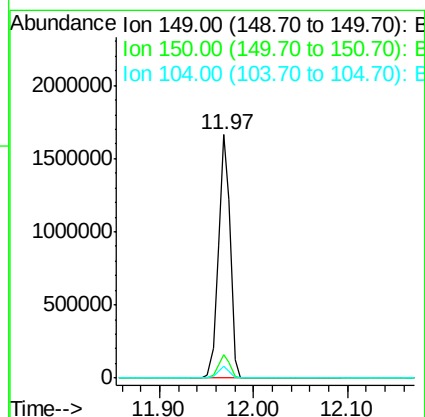
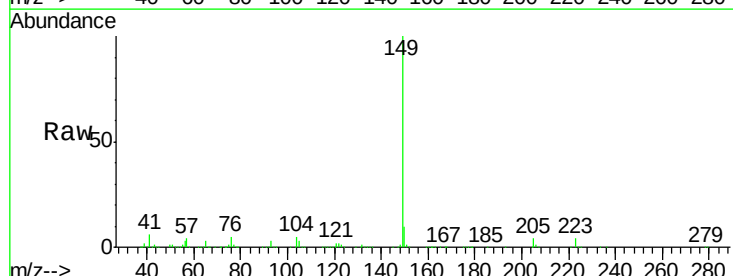
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.1	10.0	15.0

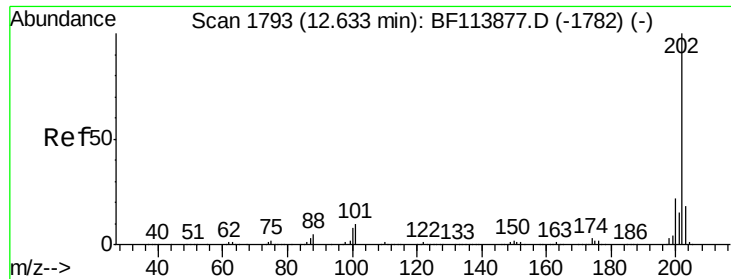


#74
 Di-n-butylphthalate
 Concen: 41.930 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114024.D
 Acq: 29 Apr 2019 15:55

Tgt Ion:149 Resp: 1466007

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	4.9	3.8	5.8





#75

Fluoranthene

Concen: 39.114 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

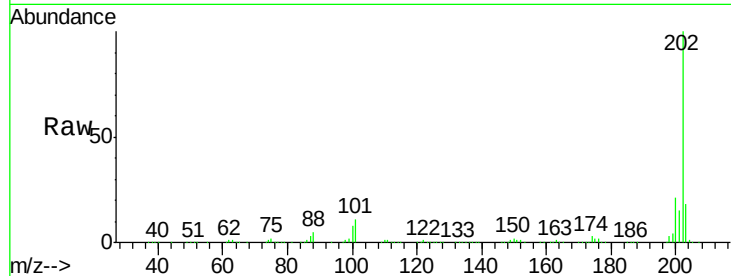
Tot Ion:202 Resp: 1407873

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.9

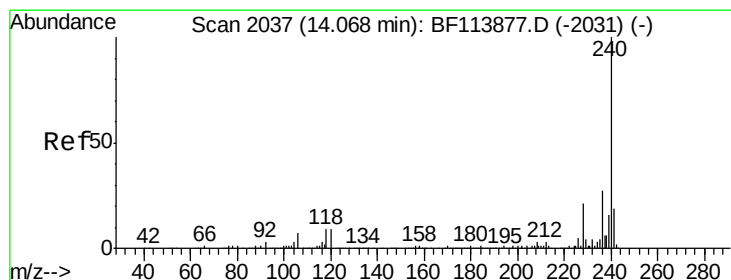
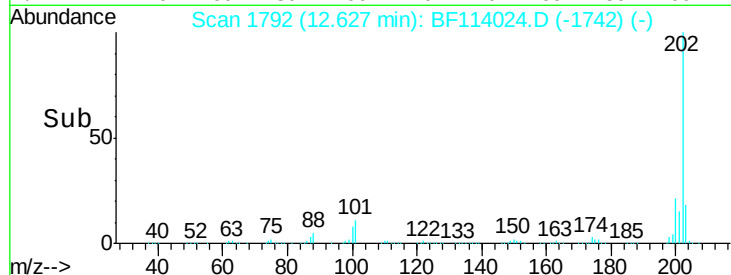
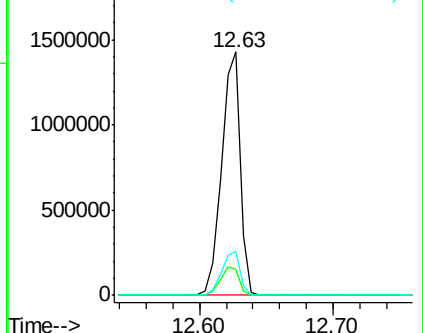
203 18.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

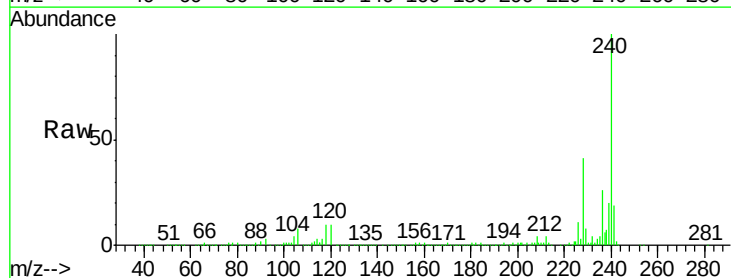
Tgt Ion:240 Resp: 483249

Ion Ratio Lower Upper

240 100

120 10.1 9.3 13.9

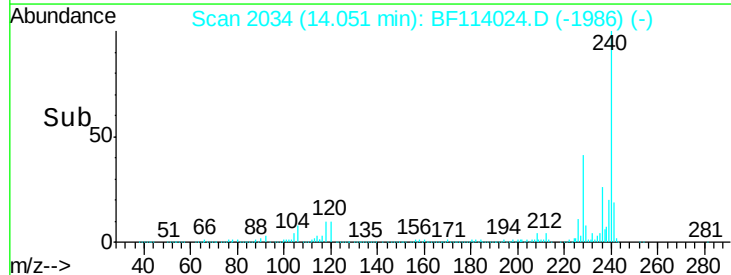
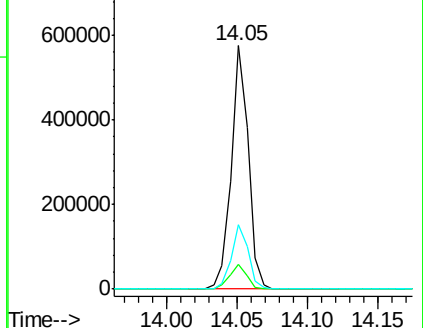
236 26.5 21.2 31.8

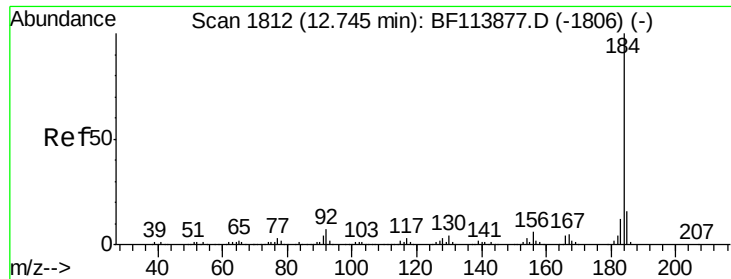


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.672 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

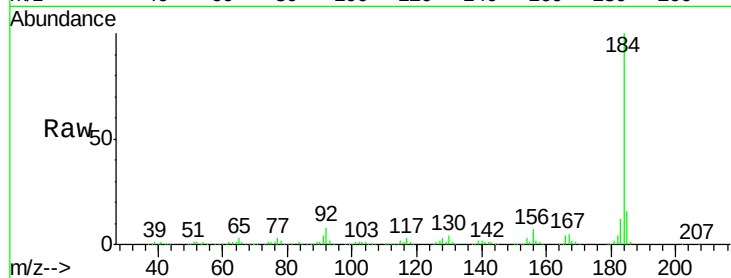
Tot Ion:184 Resp: 571221

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

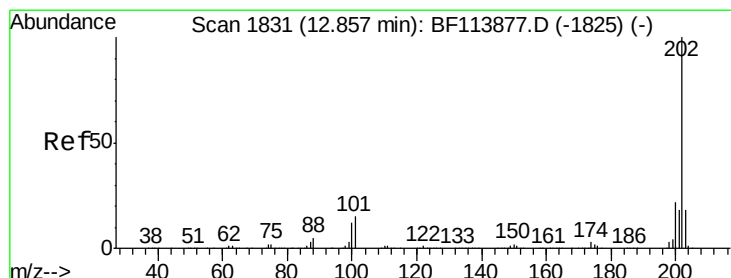
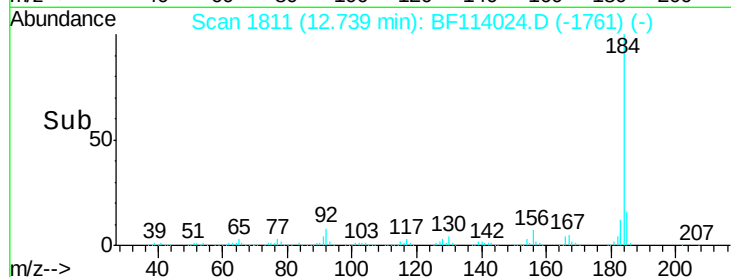
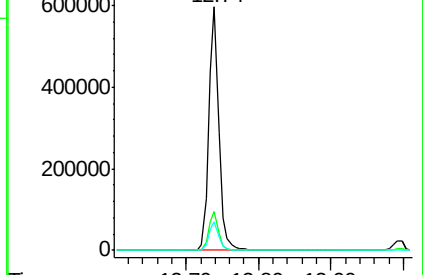
183 11.7 9.4 14.0



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: 41.802 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

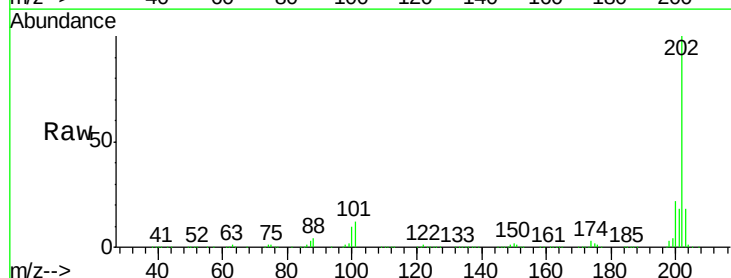
Tgt Ion:202 Resp: 1412683

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

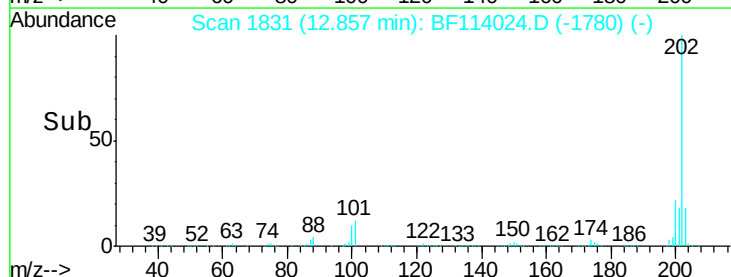
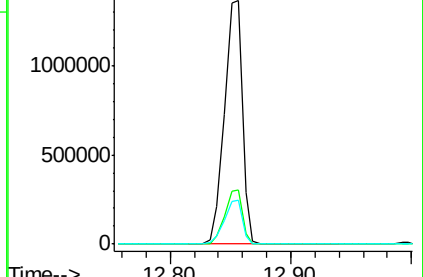
203 17.9 15.0 22.6

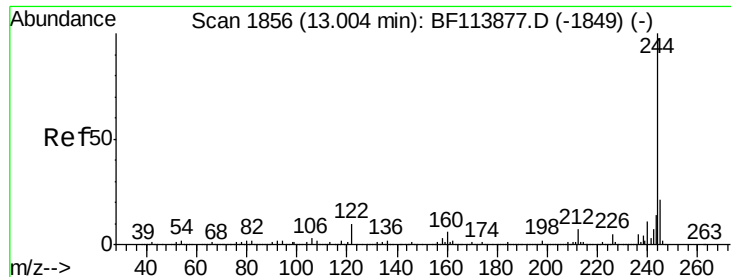


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.130 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampled :

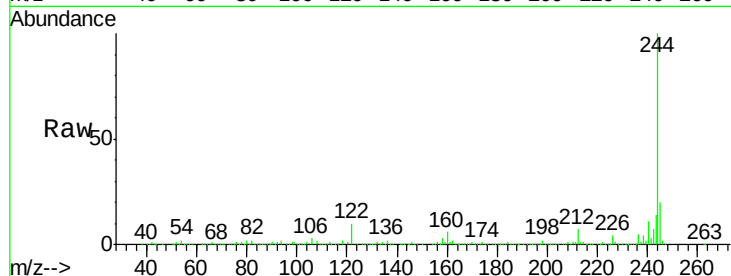
Tot Ion:244 Resp: 1983070

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

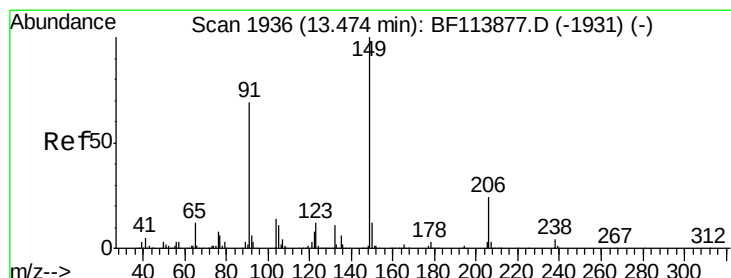
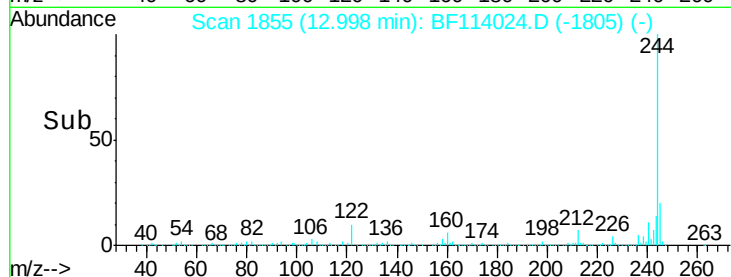
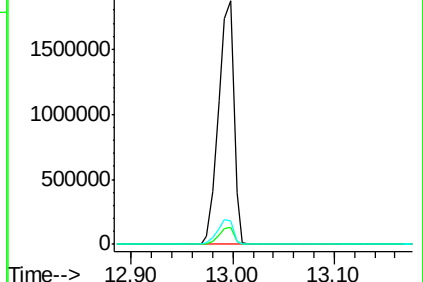
122 9.5 7.6 11.4



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: 45.311 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

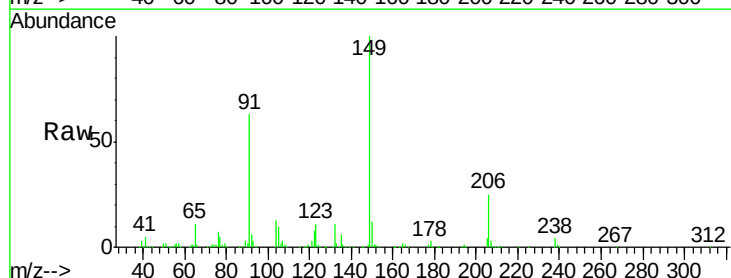
Tgt Ion:149 Resp: 602470

Ion Ratio Lower Upper

149 100

91 63.5 56.3 84.5

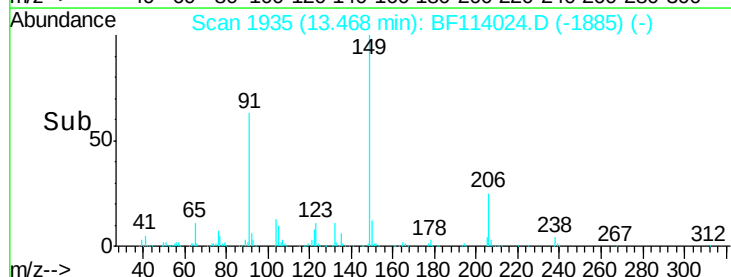
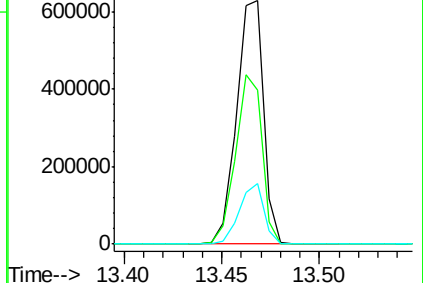
206 24.7 19.0 28.6

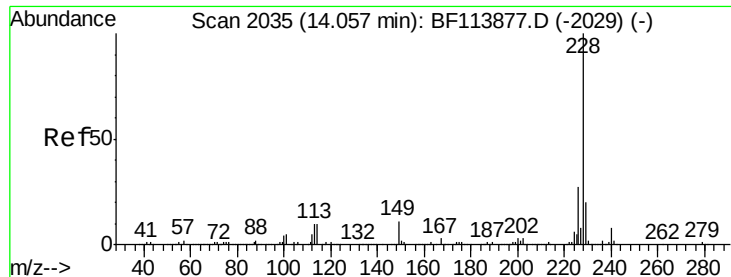


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.929 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

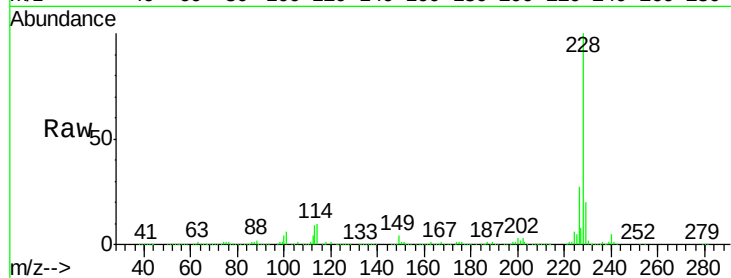
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1250758

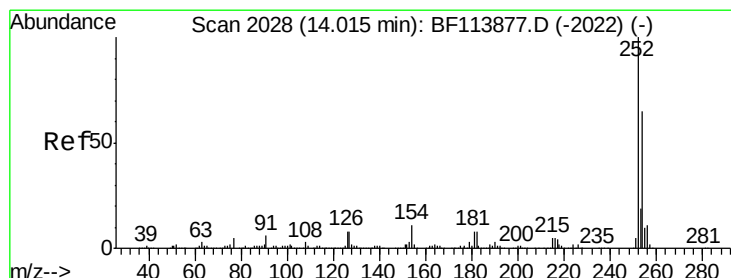
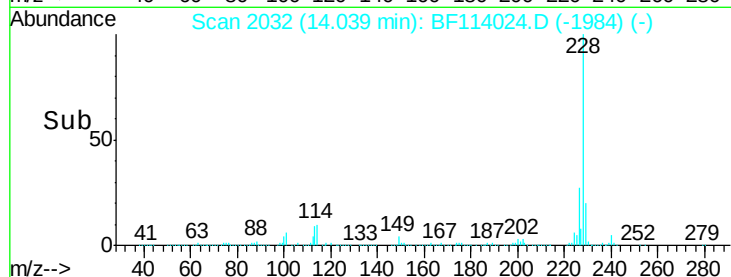
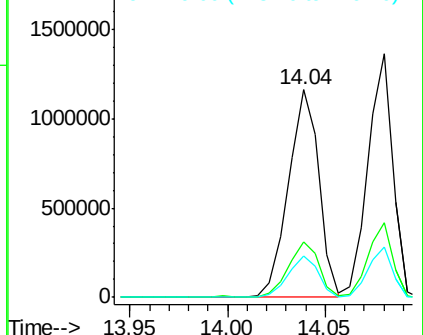
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	20.2	16.0	24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 45.491 ng

RT: 14.00 min Scan# 2025

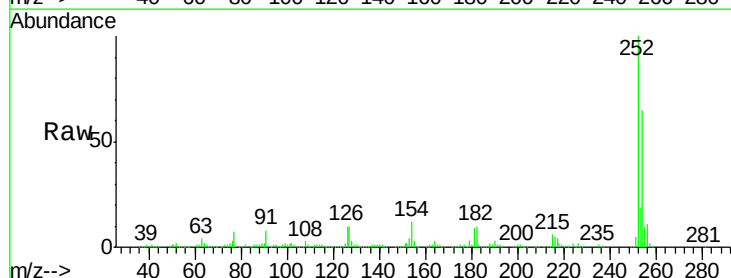
Delta R.T. -0.02 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Tgt Ion:252 Resp: 474741

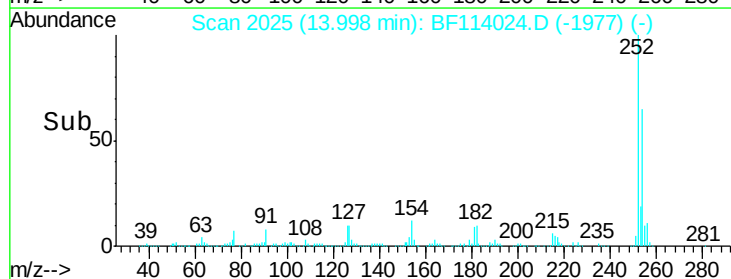
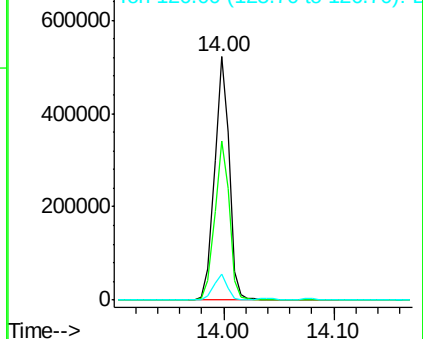
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.4	9.3	13.9

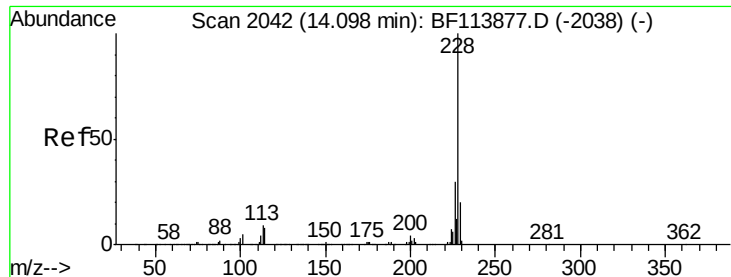


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.457 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

Instrument :

BNA_F

ClientSampleId :

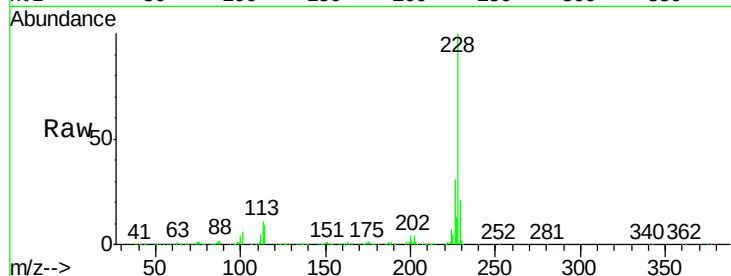
Tot Ion:228 Resp: 1205018

Ion Ratio Lower Upper

228 100

226 30.5 25.2 37.8

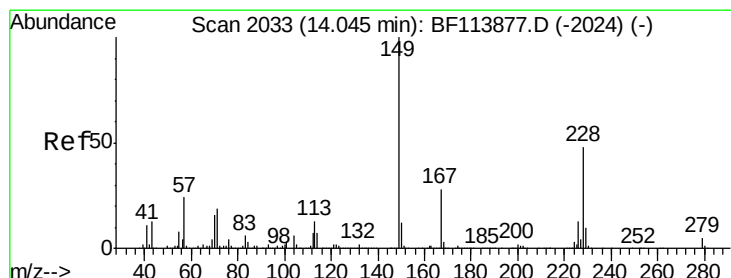
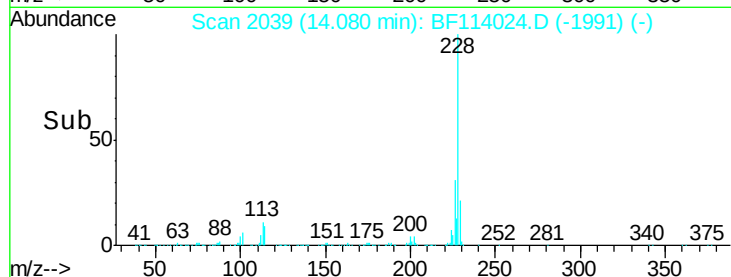
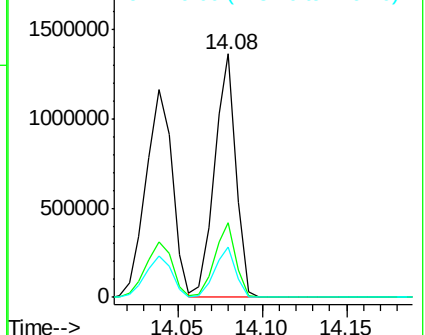
229 20.6 16.7 25.1



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: 47.518 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114024.D

Acq: 29 Apr 2019 15:55

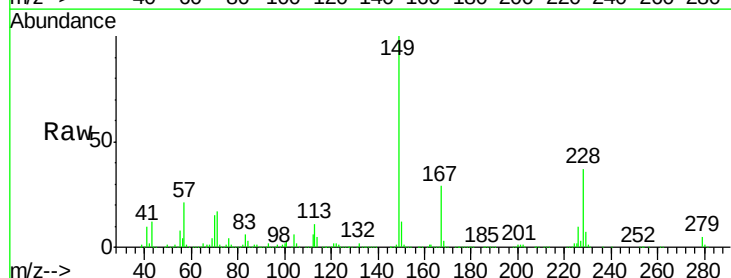
Tgt Ion:149 Resp: 803866

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

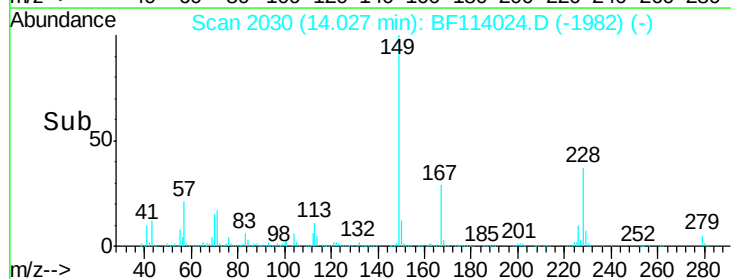
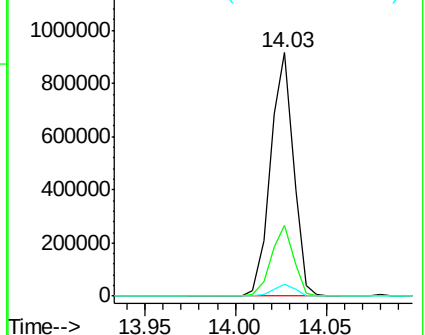
279 5.1 4.2 6.2

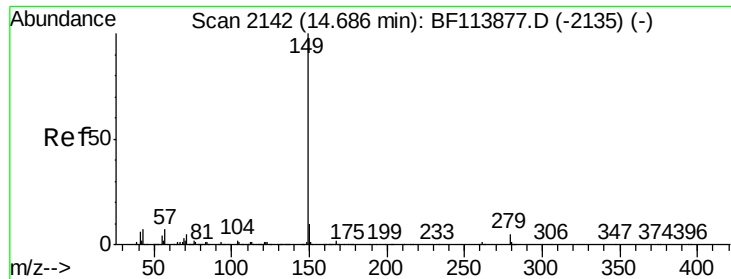


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

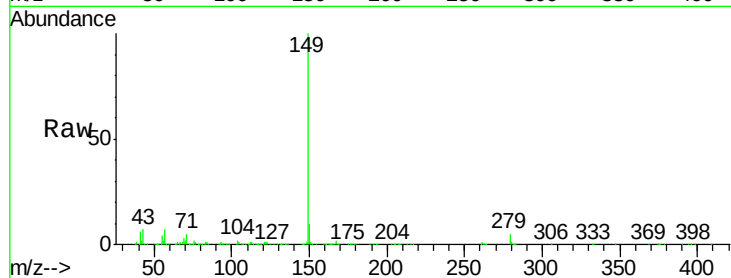




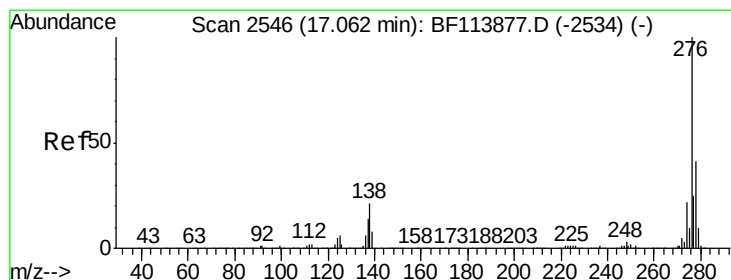
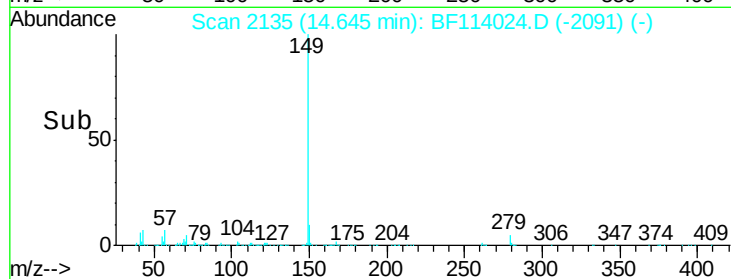
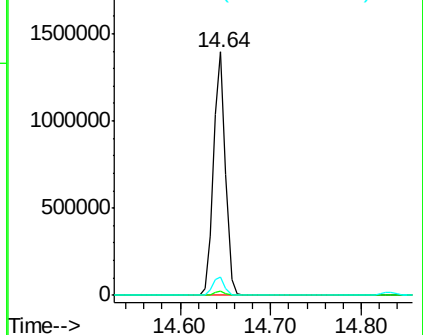
#85
Di-n-octyl phthalate
Concen: 48.214 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.04 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1276652
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.6 10.0

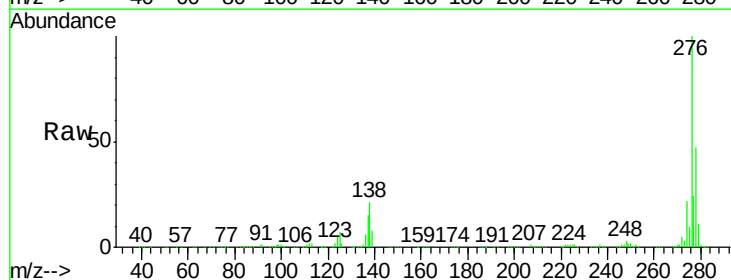


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

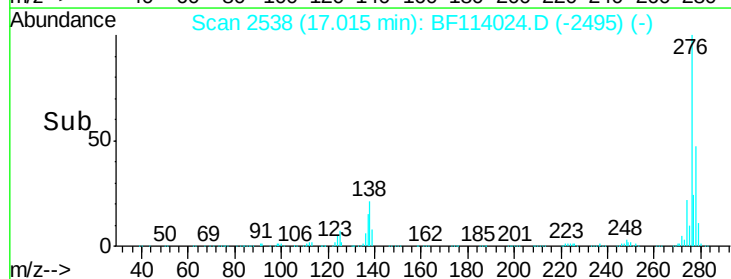
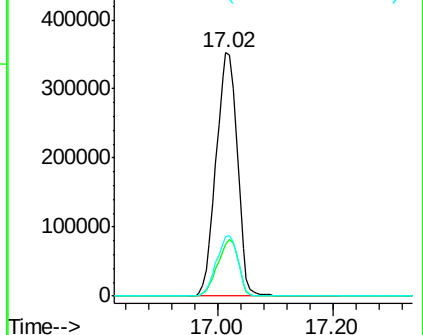


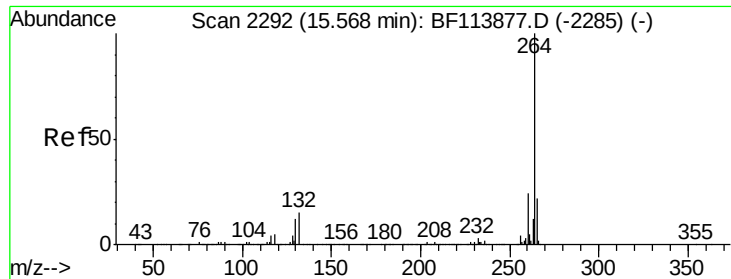
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.501 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.05 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:276 Resp: 906208
Ion Ratio Lower Upper
276 100
138 22.7 19.6 29.4
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



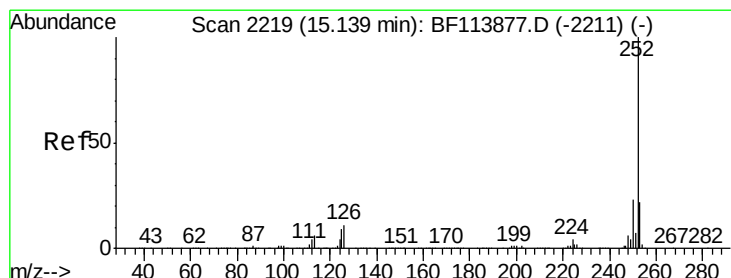
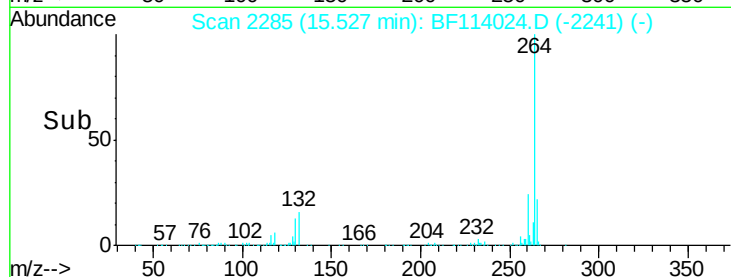
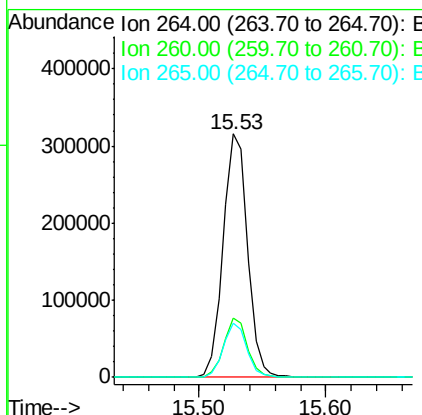
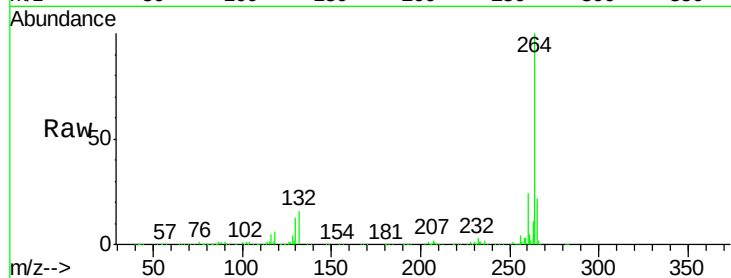


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 419456

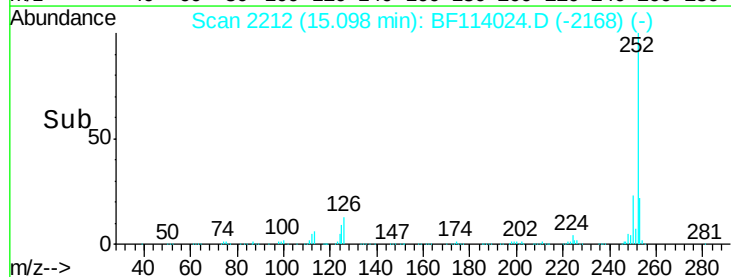
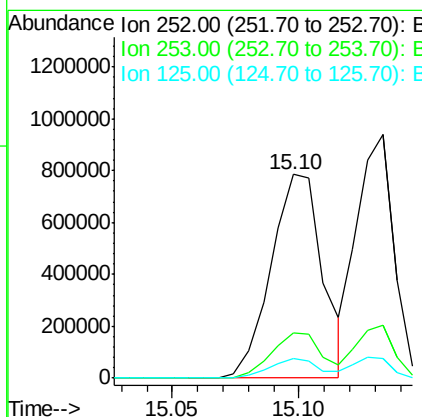
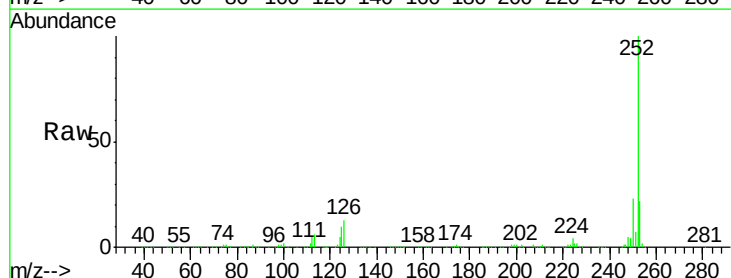
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.1	17.3	25.9

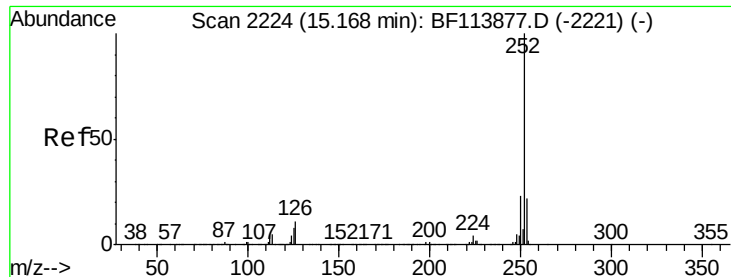


#88
Benzo(b)fluoranthene
Concen: 41.950 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:252 Resp: 1113299

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.5	7.0	10.6

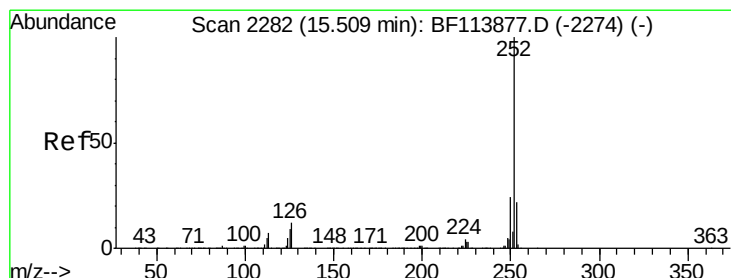
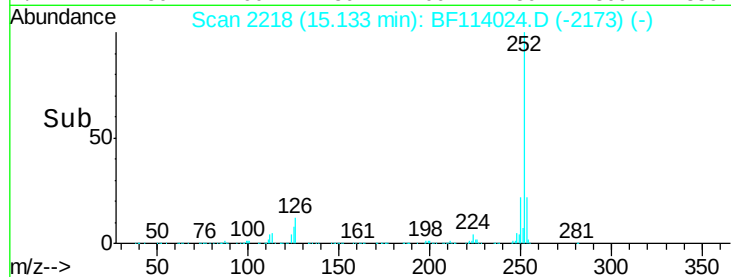
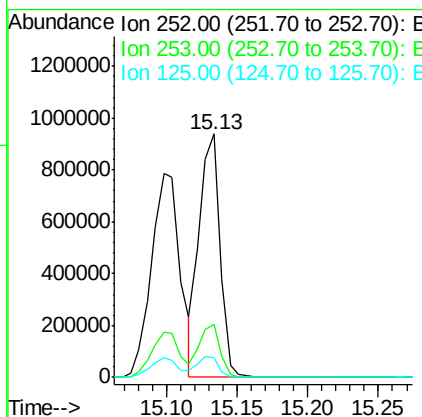
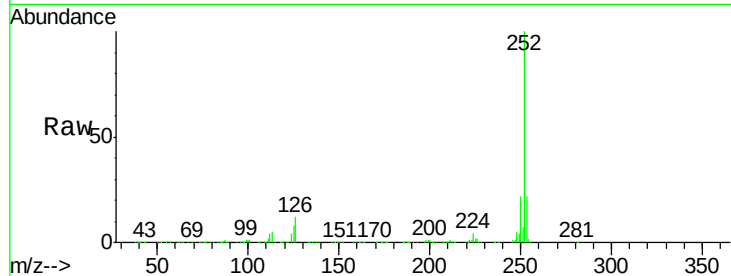




#89
Benzo(k)fluoranthene
Concen: 42.106 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

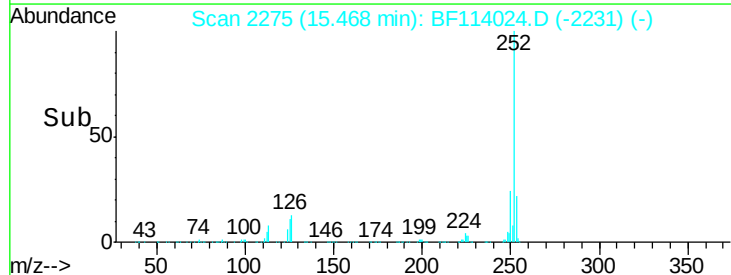
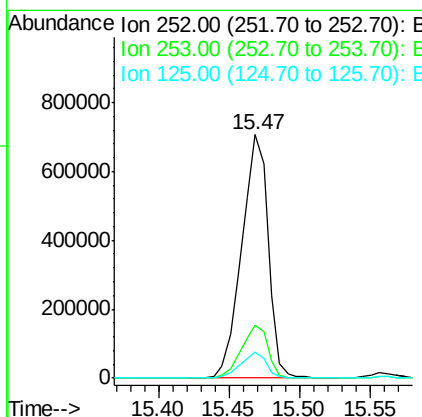
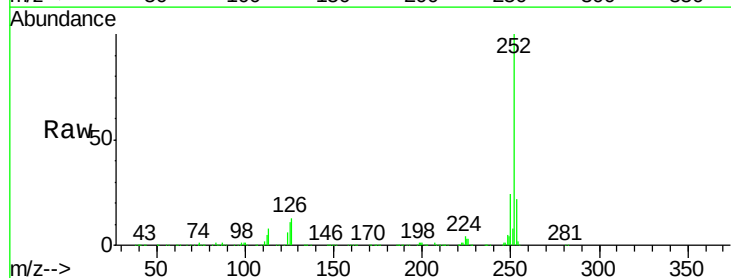
Instrument :
BNA_F
ClientSampleId :

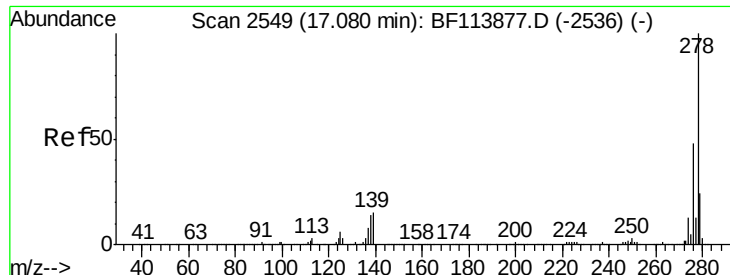
Tot Ion:252 Resp: 961186
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.538 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion:252 Resp: 930546
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.5 8.5 12.7

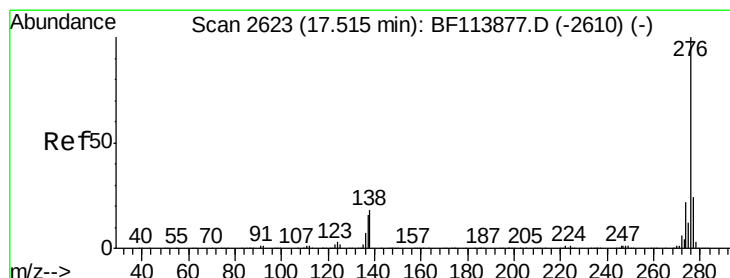
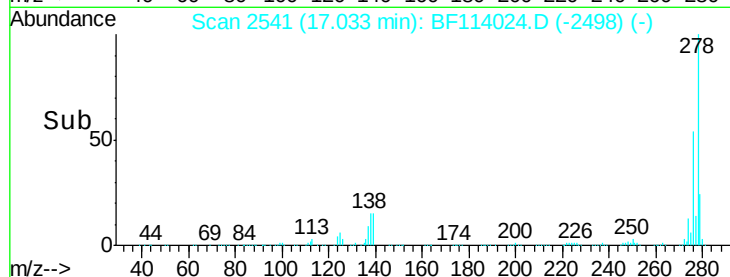
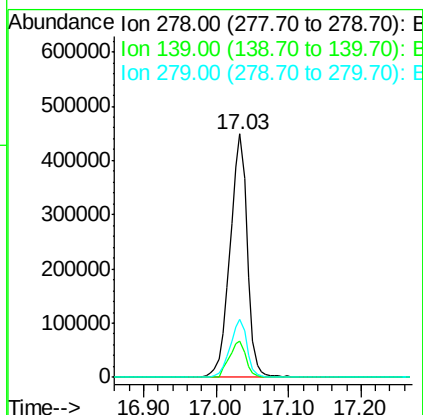
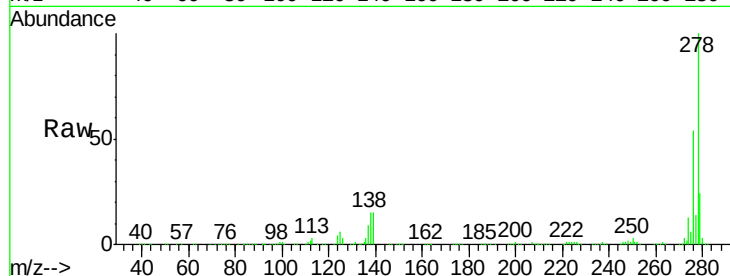




#91
Dibenzo(a,h)anthracene
Concen: 34.562 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.05 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
278	278	100		
139	139	14.7	11.6	17.4
279	279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 33.560 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.05 min
Lab File: BF114024.D
Acq: 29 Apr 2019 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
276	276	100		
277	277	22.9	19.0	28.4
138	138	19.4	16.6	25.0

