

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114037.D
 Acq On : 30 Apr 2019 12:55
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 23:01:18 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	6.89	152	144925	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	566652	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	303320	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	619876	20.00	ng	0.00
76) Chrysene-d12	14.06	240	508327	20.00	ng	0.00
87) Perylene-d12	15.56	264	513245	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	671340	79.23	ng	0.00
7) Phenol-d6	6.52	99	863464	81.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	775945	84.55	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	298965	80.91	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1540940	79.46	ng	0.00
79) Terphenyl-d14	12.99	244	1967517	79.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	148555	37.192	ng	96
3) Pyridine	3.45	79	416203	38.175	ng	98
4) n-Nitrosodimethylamine	3.39	42	144598	38.744	ng	98
6) Aniline	6.55	93	585446	40.104	ng	99
8) 2-Chlorophenol	6.68	128	393791	40.706	ng	97
9) Benzaldehyde	6.44	77	236176	38.847	ng	95
10) Phenol	6.54	94	505643	39.777	ng	92
11) bis(2-Chloroethyl)ether	6.63	93	375497	39.253	ng	95
12) 1,3-Dichlorobenzene	6.83	146	439549	40.118	ng	99
13) 1,4-Dichlorobenzene	6.91	146	444726	40.356	ng	99
14) 1,2-Dichlorobenzene	7.06	146	413676	40.845	ng	100
15) Benzyl Alcohol	7.03	79	347819	48.579	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418352	37.464	ng	96
17) 2-Methylphenol	7.14	107	312704	36.876	ng	98
18) Hexachloroethane	7.40	117	155506	40.254	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	273869	39.781	ng	99
20) 3+4-Methylphenols	7.29	107	388874	40.589	ng	# 88
22) Acetophenone	7.30	105	508469	40.323	ng	# 92
24) Nitrobenzene	7.47	77	421502	41.565	ng	97
25) Isophorone	7.71	82	749314	39.903	ng	99
26) 2-Nitrophenol	7.79	139	203243	43.933	ng	94
27) 2,4-Dimethylphenol	7.82	122	294224	39.035	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	478735	40.008	ng	99
29) 2,4-Dichlorophenol	8.03	162	351671	40.801	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	391361	40.722	ng	99
31) Naphthalene	8.20	128	1113663	41.371	ng	99
32) Benzoic acid	7.96	122	226860	44.569	ng	98
33) 4-Chloroaniline	8.24	127	462521	40.606	ng	98
34) Hexachlorobutadiene	8.32	225	240157	40.086	ng	98
35) Caprolactam	8.62	113	112530	41.042	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	352578	41.289	ng	100
37) 2-Methylnaphthalene	8.89	142	743231	40.944	ng	98
38) 1-Methylnaphthalene	8.99	142	721655	41.189	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	394473	40.037	ng	99

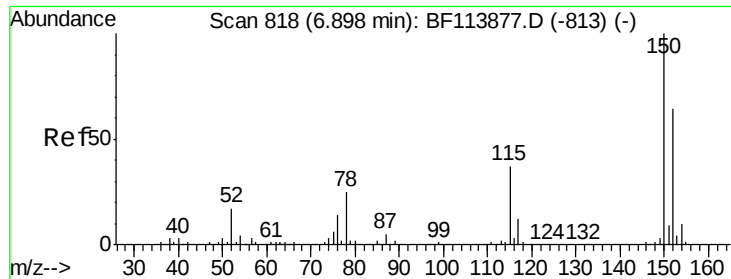
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114037.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	193445	35.208	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	253094	40.453	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	281717	40.144	ng	99
46) 1,1'-Biphenyl	9.35	154	943766	40.730	ng	98
47) 2-Chloronaphthalene	9.37	162	754923	40.063	ng	97
48) 2-Nitroaniline	9.46	65	209167	42.344	ng	96
49) Acenaphthylene	9.79	152	1205776	40.874	ng	99
50) Dimethylphthalate	9.65	163	895218	40.809	ng	99
51) 2,6-Dinitrotoluene	9.71	165	199578	42.407	ng	95
52) Acenaphthene	9.96	154	709147	40.677	ng	96
53) 3-Nitroaniline	9.87	138	209027	42.267	ng	100
54) 2,4-Dinitrophenol	9.98	184	82421	44.588	ng	# 2
55) Dibenzofuran	10.13	168	1063241	40.714	ng	98
56) 4-Nitrophenol	10.03	139	166986	42.646	ng	94
57) 2,4-Dinitrotoluene	10.11	165	265804	44.746	ng	96
58) Fluorene	10.47	166	816416	41.525	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	244283	39.612	ng	99
60) Diethylphthalate	10.35	149	853676	40.980	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	421005	40.433	ng	97
62) 4-Nitroaniline	10.49	138	219157	45.411	ng	96
63) Azobenzene	10.63	77	819451	40.588	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	125527	44.763	ng	97
66) n-Nitrosodiphenylamine	10.58	169	727933	39.137	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	284451	37.986	ng	96
68) Hexachlorobenzene	11.03	284	318769	38.738	ng	99
69) Atrazine	11.10	200	230977	38.175	ng	98
70) Pentachlorophenol	11.22	266	185781	39.875	ng	98
71) Phenanthrene	11.43	178	1255232	40.293	ng	100
72) Anthracene	11.49	178	1278123	40.629	ng	100
73) Carbazole	11.64	167	1166127	41.550	ng	100
74) Di-n-butylphthalate	11.97	149	1366563	41.393	ng	99
75) Fluoranthene	12.62	202	1374004	40.426	ng	99
77) Benzidine	12.73	184	563443	37.201	ng	98
78) Pyrene	12.85	202	1406026	39.553	ng	99
80) Butylbenzylphthalate	13.46	149	599912	42.893	ng	99
81) Benzo(a)anthracene	14.05	228	1331171	44.447	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	515151	46.928	ng	# 99
83) Chrysene	14.09	228	1283729	44.011	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	815447	45.825	ng	99
85) Di-n-octyl phthalate	14.67	149	1368080	49.117	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1105732	40.021	ng	98
88) Benzo(b)fluoranthene	15.13	252	1297630	39.961	ng	99
89) Benzo(k)fluoranthene	15.16	252	1126461	40.328	ng	100
90) Benzo(a)pyrene	15.50	252	1129666	40.220	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	911707	34.579	ng	99
92) Benzo(g,h,i)perylene	17.50	276	866719	32.574	ng	99

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

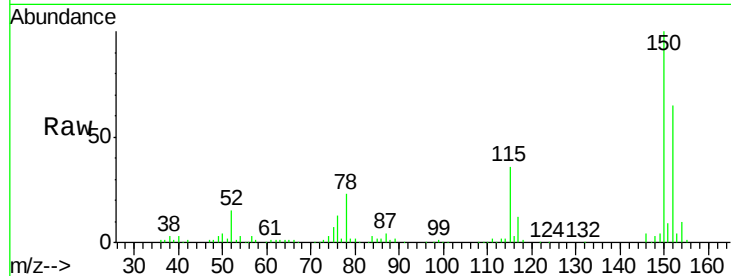


#1

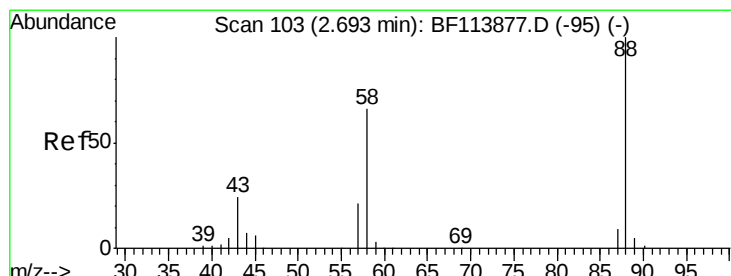
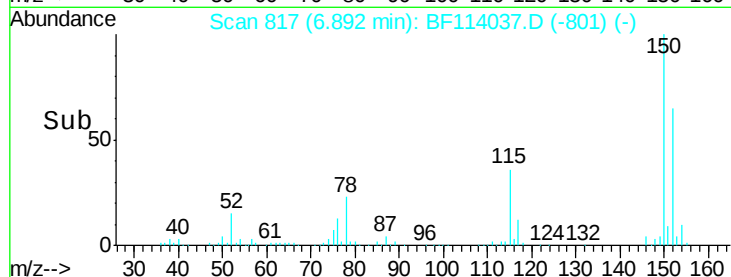
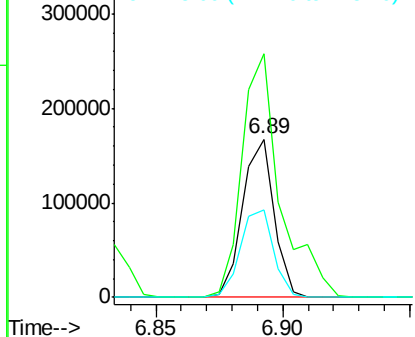
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144925
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 55.4 45.9 68.9



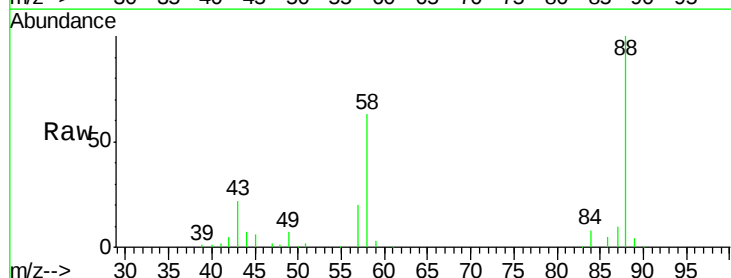
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



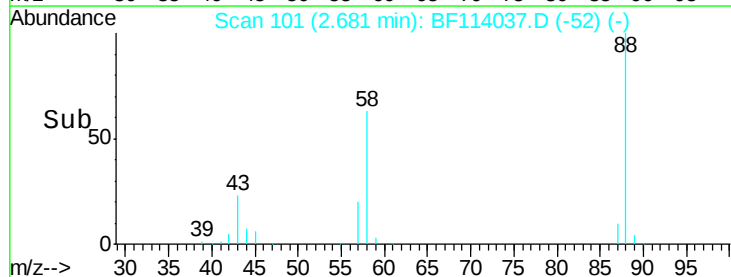
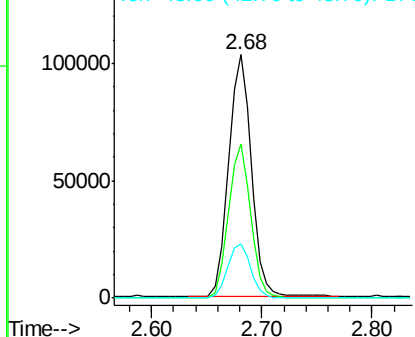
#2

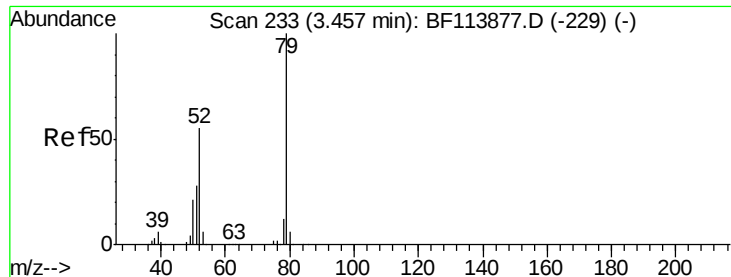
1,4-Dioxane
Concen: 37.192 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion: 88 Resp: 148555
Ion Ratio Lower Upper
88 100
58 62.2 53.3 79.9
43 23.1 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: 38.175 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampled :

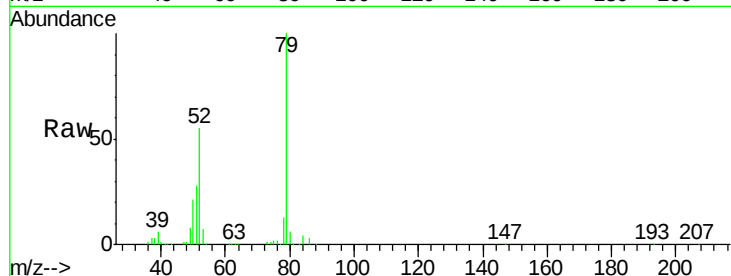
Tot Ion: 79 Resp: 416203

Ion Ratio Lower Upper

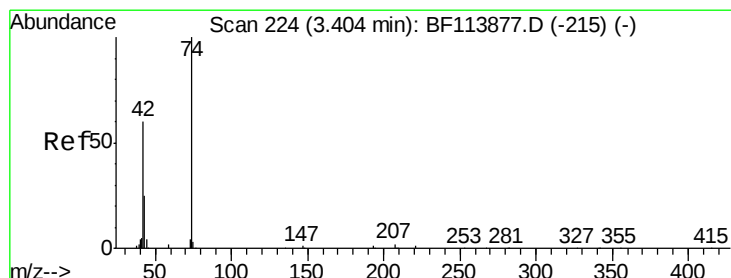
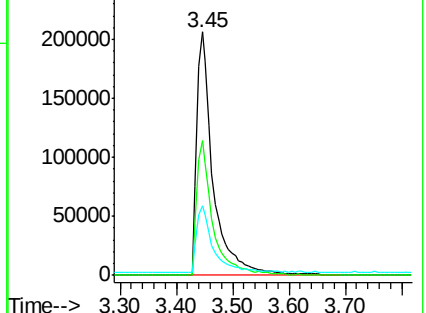
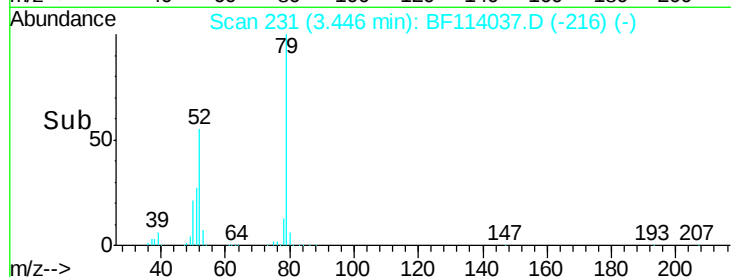
79 100

52 55.1 45.3 67.9

51 28.3 22.1 33.1



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



#4

n-Nitrosodimethylamine

Concen: 38.744 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

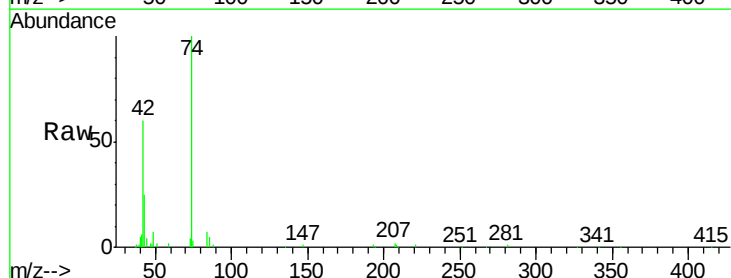
Tgt Ion: 42 Resp: 144598

Ion Ratio Lower Upper

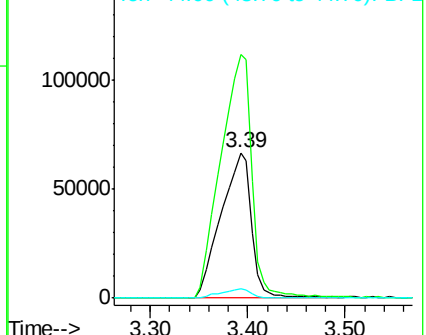
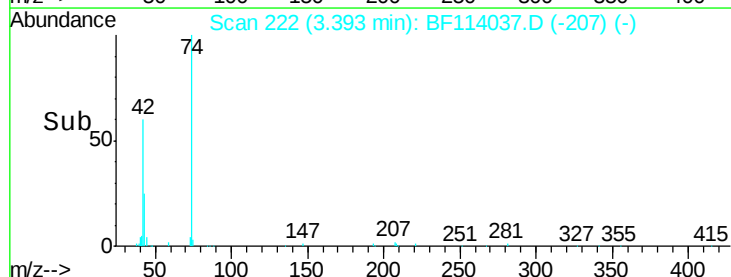
42 100

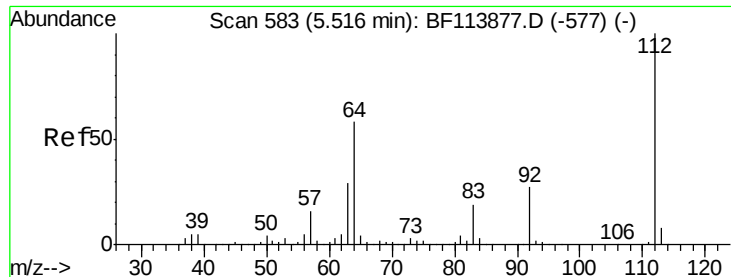
74 167.7 132.6 198.8

44 6.0 5.8 8.8



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





#5

2-Fluorophenol

Concen: 79.229 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampled :

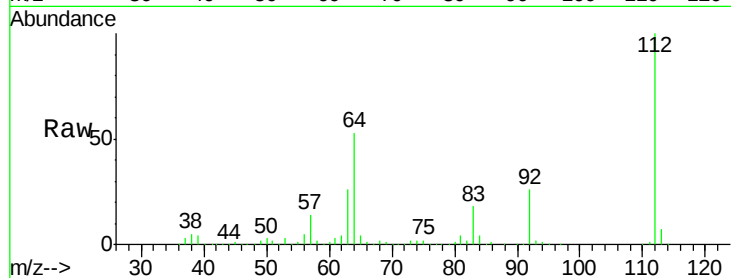
Tot Ion:112 Resp: 671340

Ion Ratio Lower Upper

112 100

64 52.6 46.6 69.8

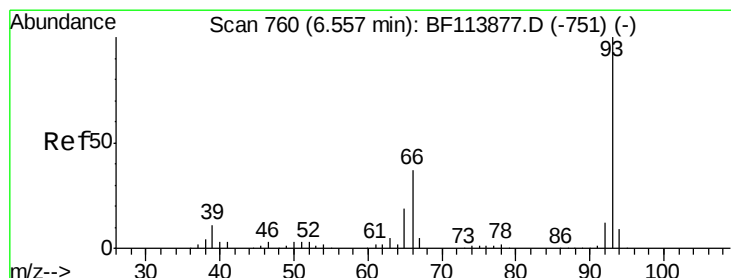
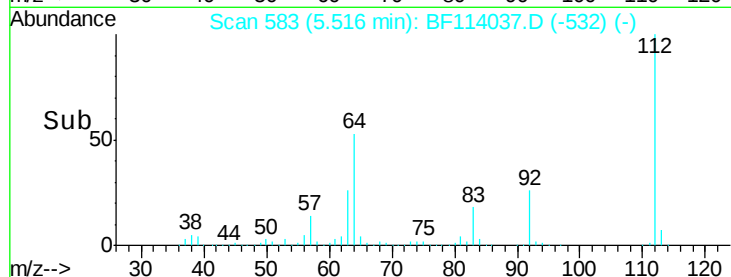
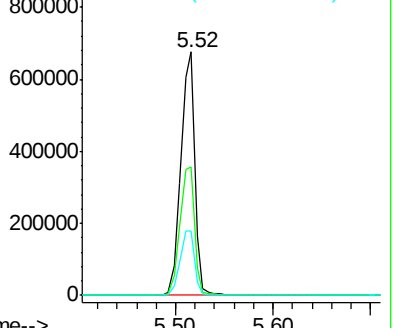
63 26.3 23.1 34.7



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: 40.104 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

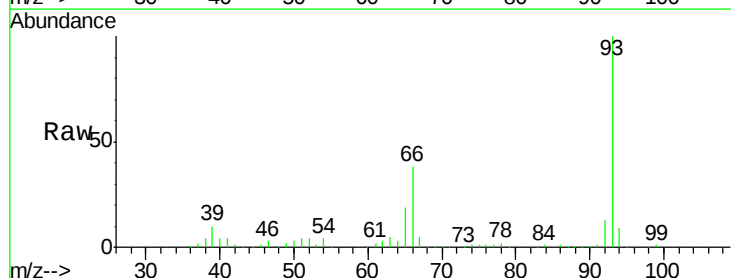
Tgt Ion: 93 Resp: 585446

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.6

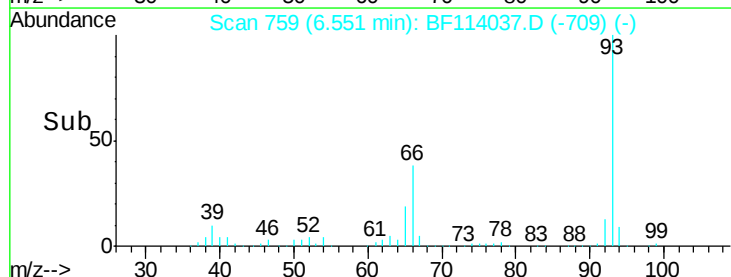
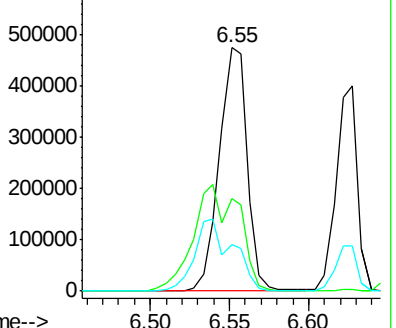
65 19.1 14.9 22.3

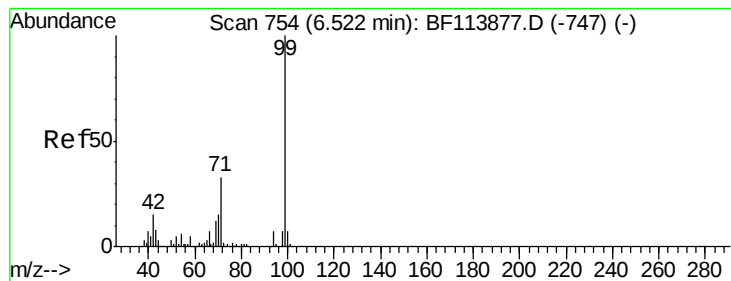


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.222 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

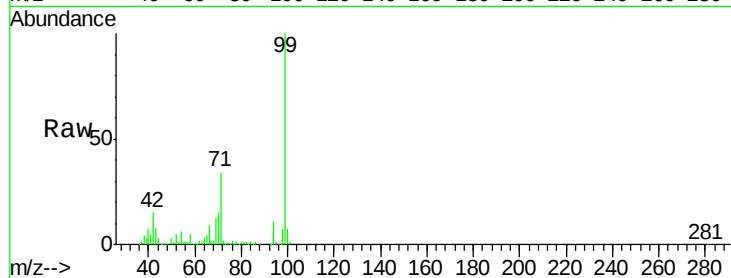
Tot Ion: 99 Resp: 863464

Ion Ratio Lower Upper

99 100

42 14.9 12.5 18.7

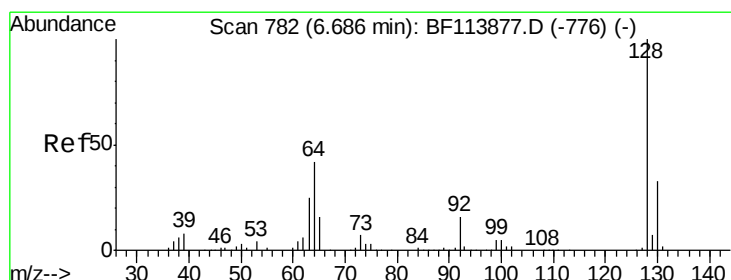
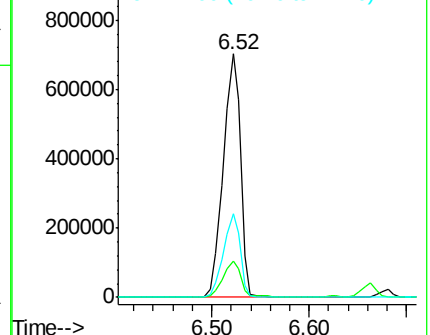
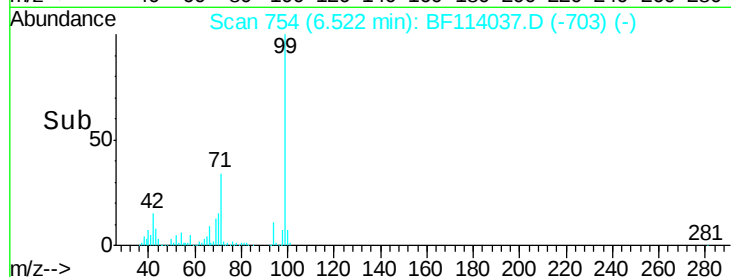
71 34.1 26.9 40.3



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: 40.706 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

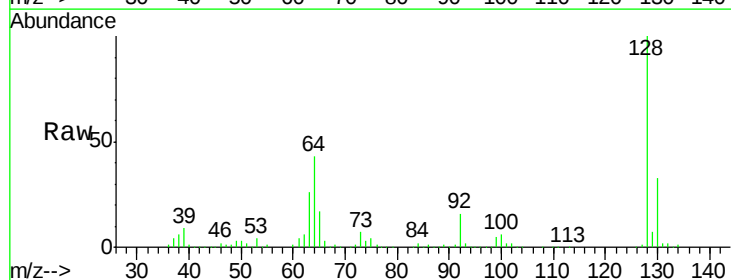
Tgt Ion: 128 Resp: 393791

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

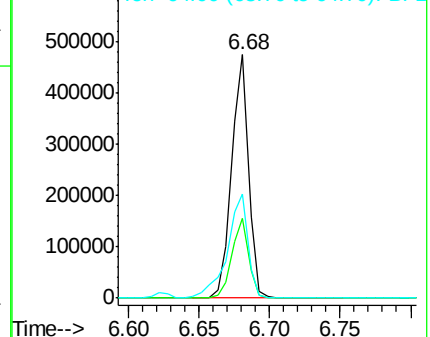
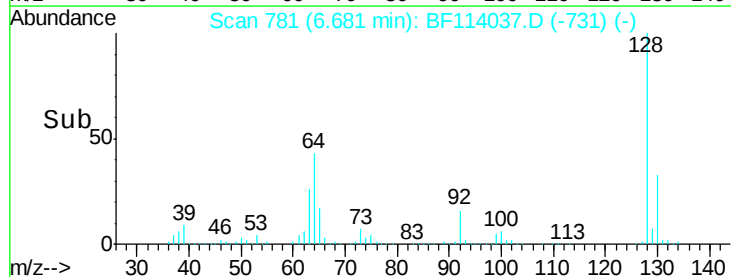
64 42.9 26.1 66.1

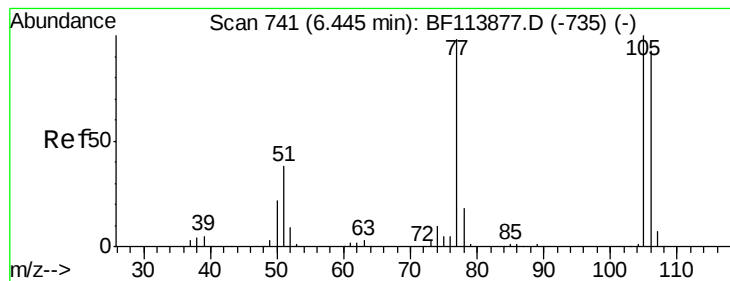


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.847 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

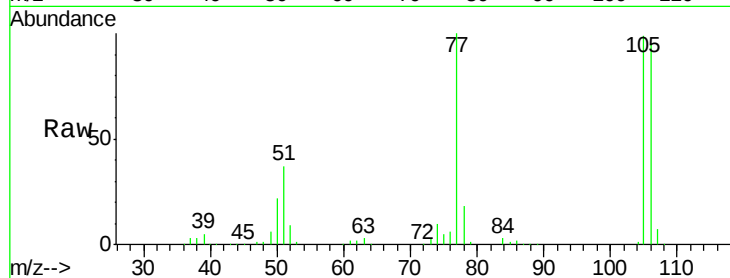
Tot Ion: 77 Resp: 236176

Ion Ratio Lower Upper

77 100

105 98.8 74.1 114.1

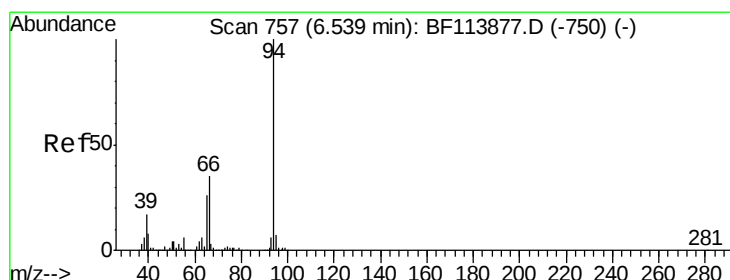
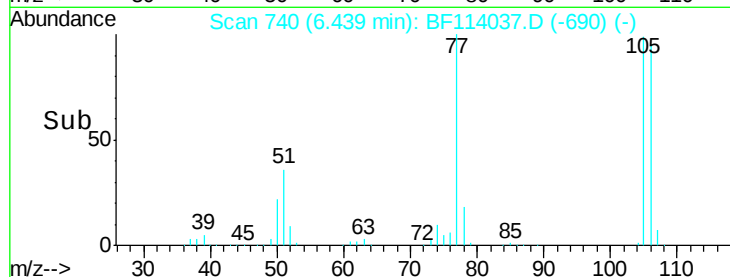
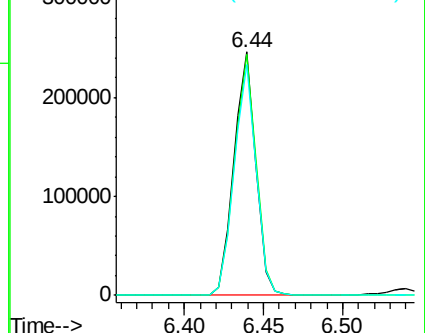
106 94.8 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.777 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

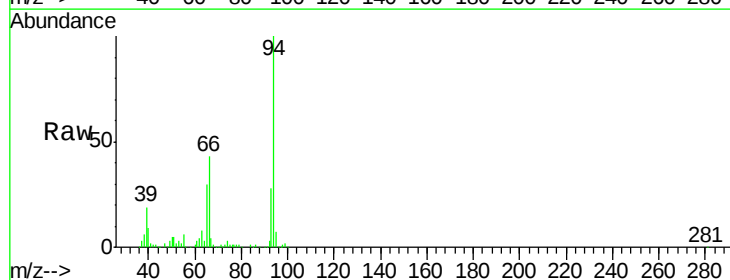
Tgt Ion: 94 Resp: 505643

Ion Ratio Lower Upper

94 100

65 29.5 8.1 48.1

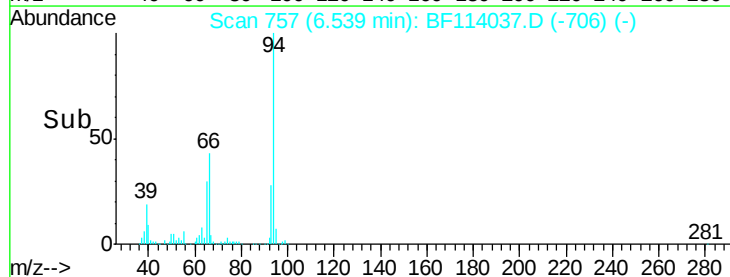
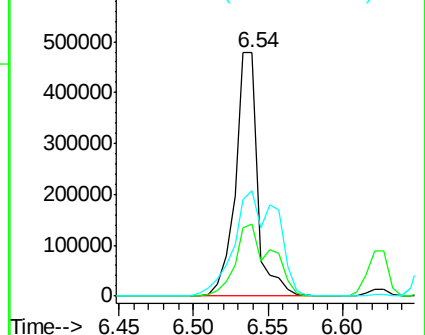
66 43.3 16.6 56.6

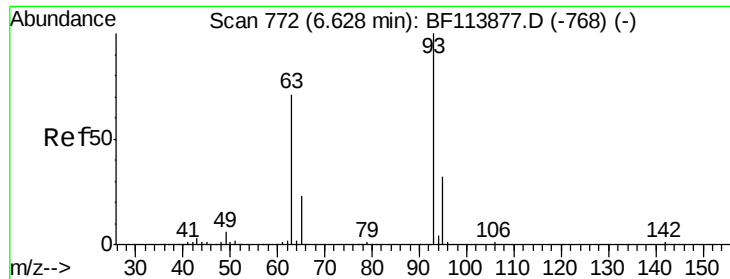


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



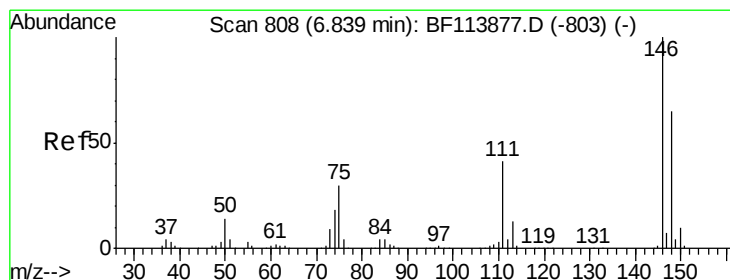
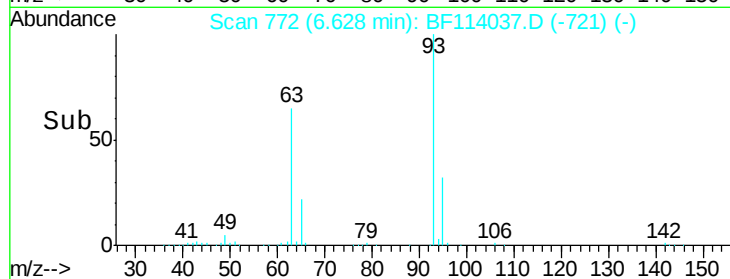
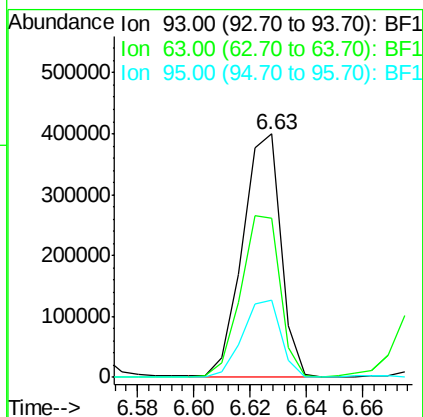
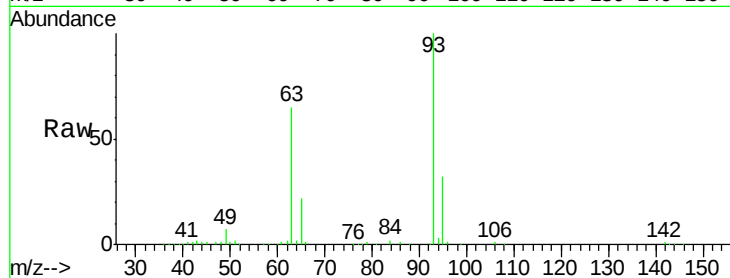


#11
 bis(2-Chloroethyl)ether
 Concen: 39.253 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 375497

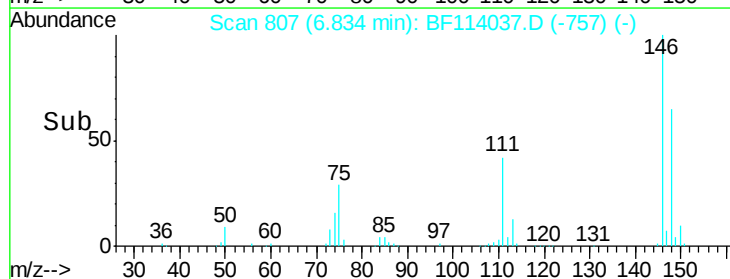
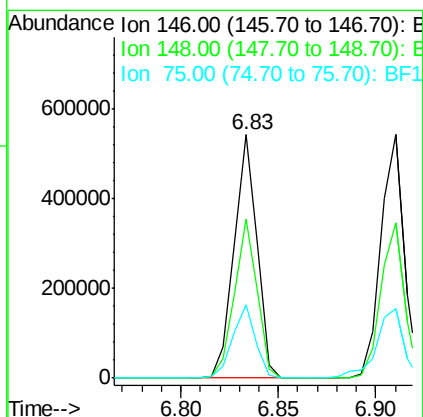
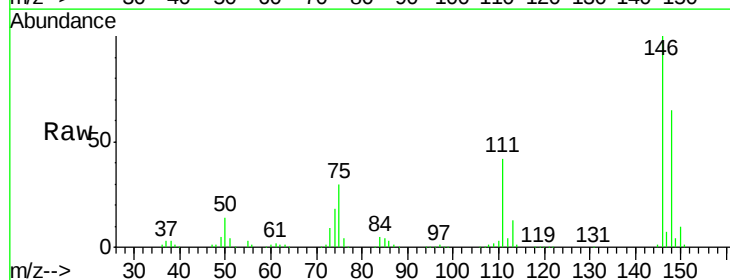
Ion	Ratio	Lower	Upper
93	100		
63	65.5	50.7	90.7
95	31.9	12.3	52.3

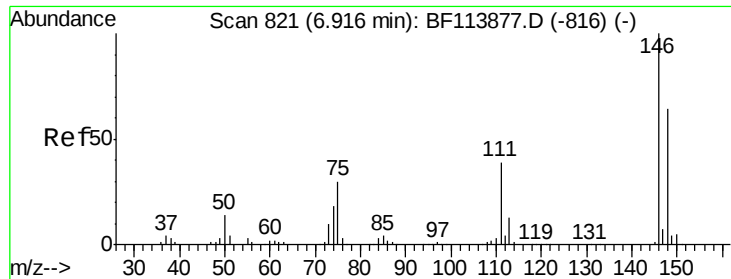


#12
 1,3-Dichlorobenzene
 Concen: 40.118 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion: 146 Resp: 439549

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
75	29.9	23.8	35.8

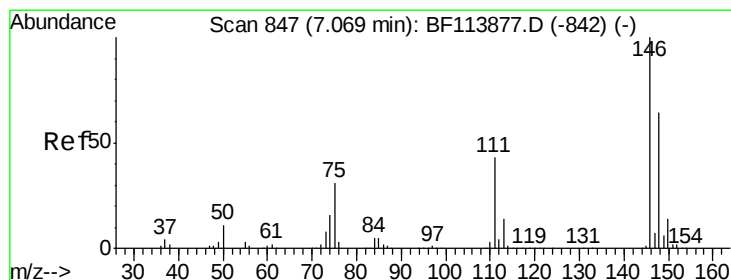
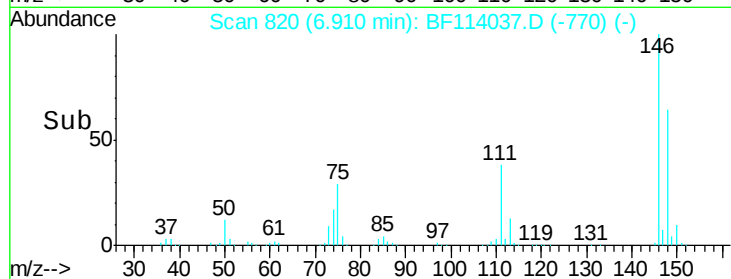
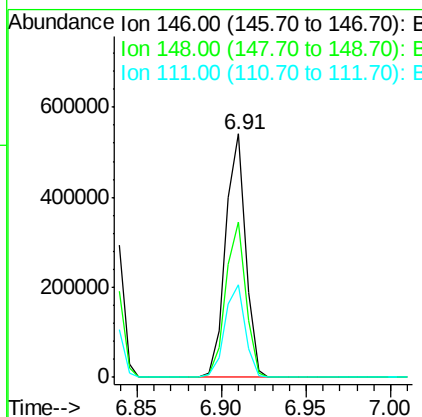
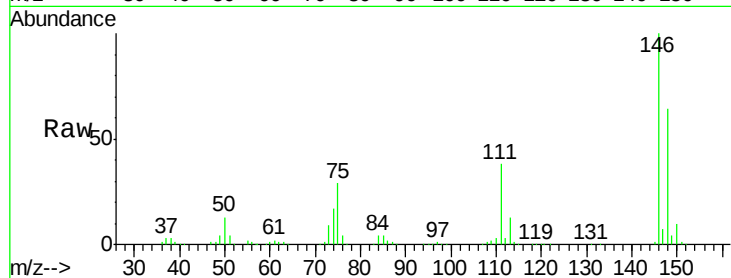




#13
 1,4-Dichlorobenzene
 Concen: 40.356 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

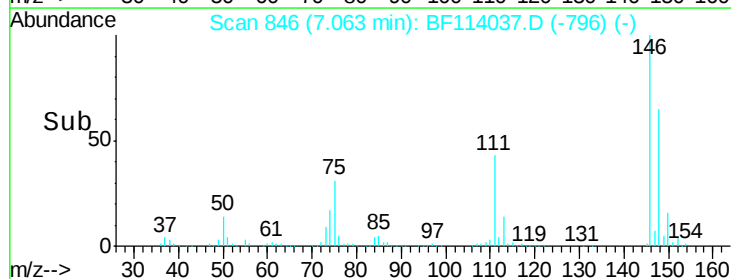
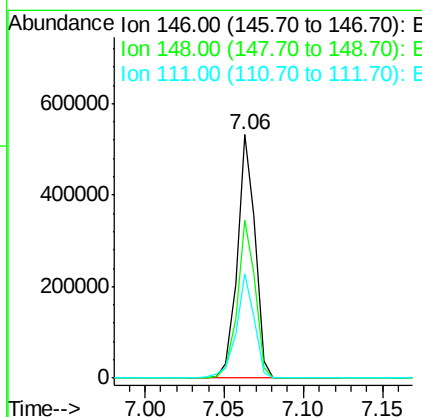
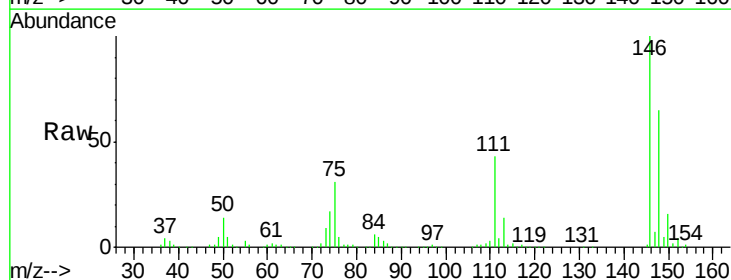
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 444726
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 111 38.1 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 40.845 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion:146 Resp: 413676
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.1 78.1
 111 42.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 48.579 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

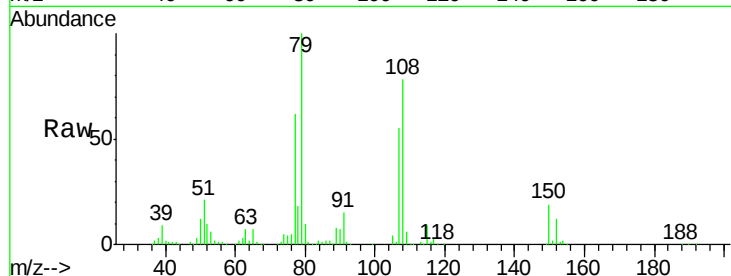
Tot Ion: 79 Resp: 347819

Ion Ratio Lower Upper

79 100

108 78.0 61.4 92.0

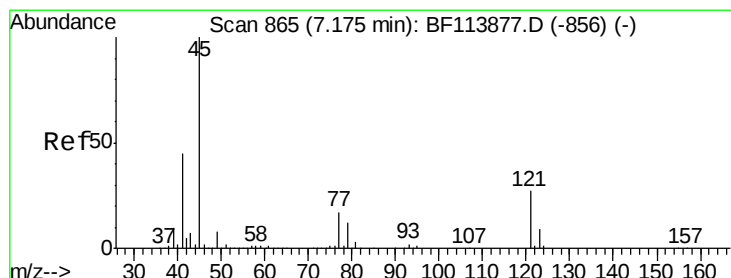
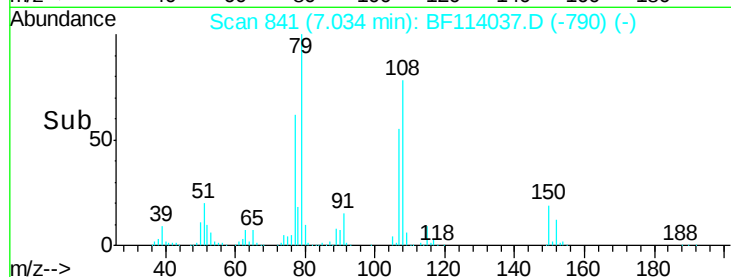
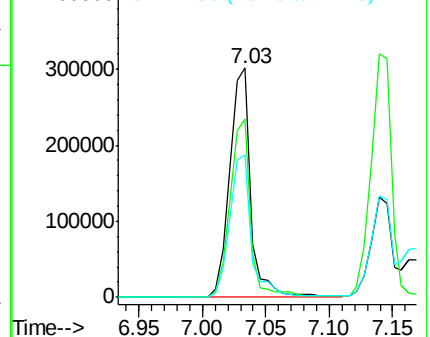
77 62.3 51.6 77.4



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: 37.464 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

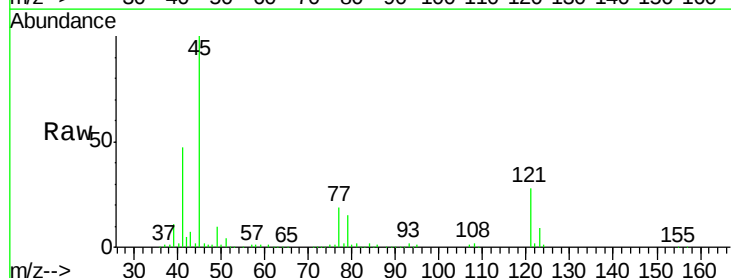
Tgt Ion: 45 Resp: 418352

Ion Ratio Lower Upper

45 100

77 18.6 0.0 37.0

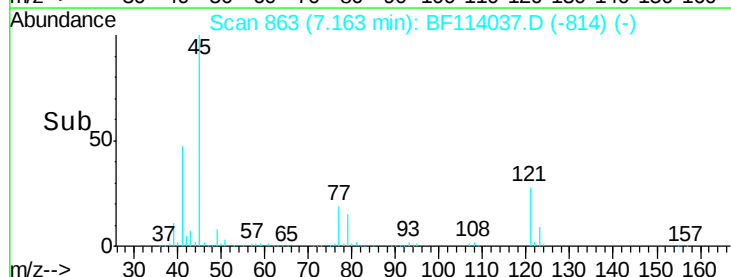
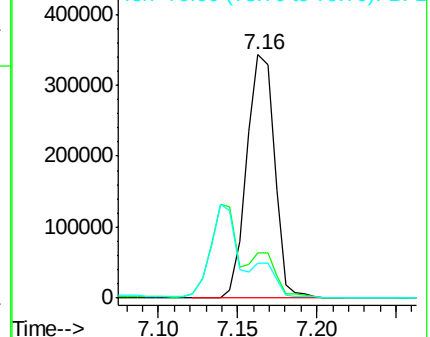
79 14.5 0.0 32.7

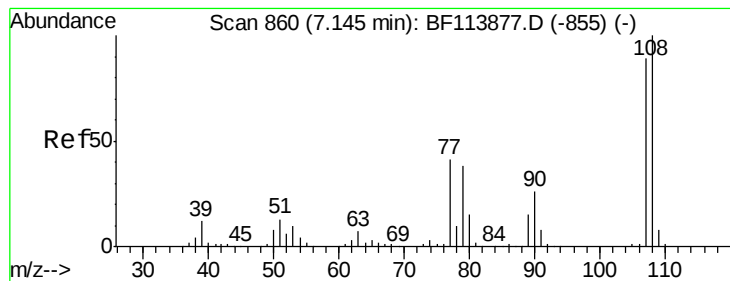


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

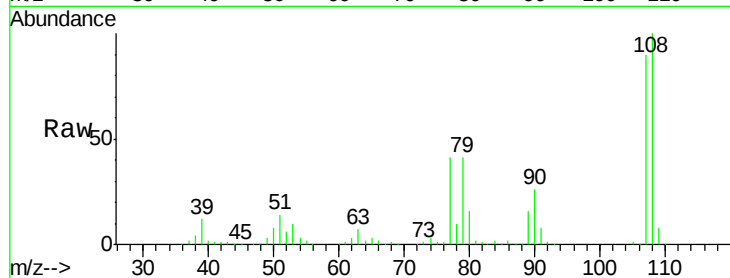




#17
2-Methylphenol
Concen: 36.876 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.5	137.3
77	46.1	36.2	54.4
79	45.6	35.4	53.0



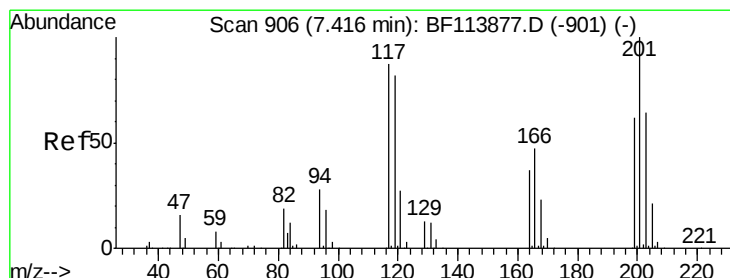
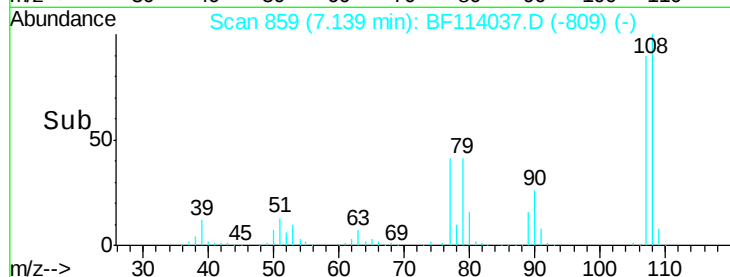
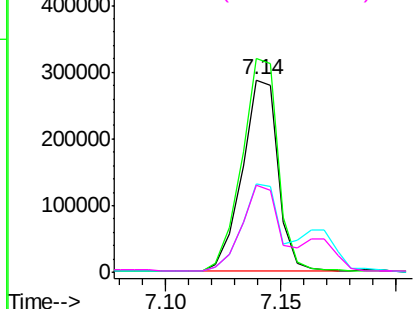
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

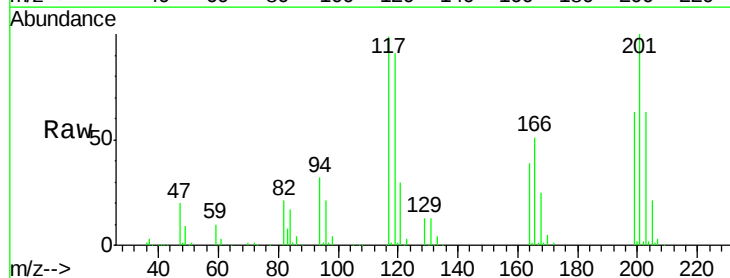
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.254 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.4	111.6
201	101.1	90.2	135.2

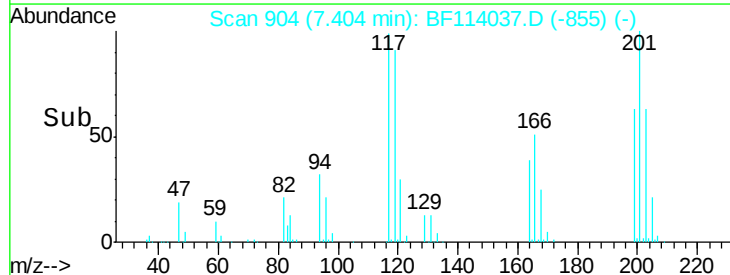
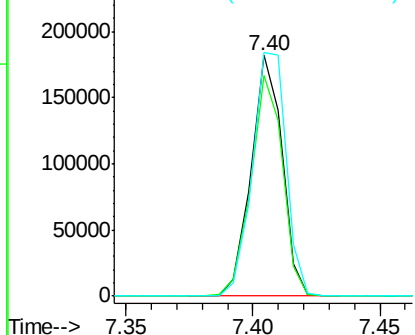


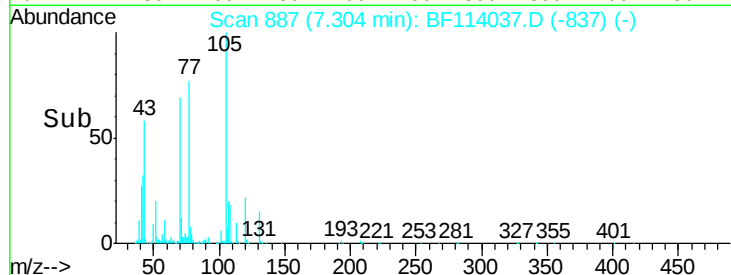
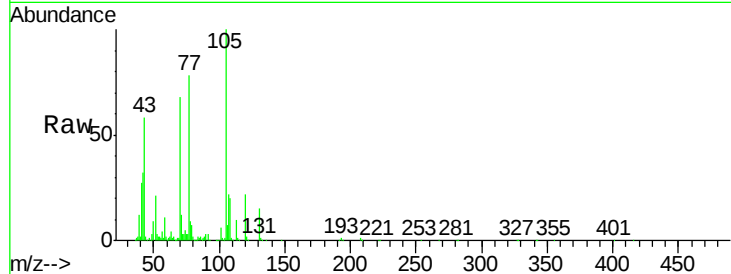
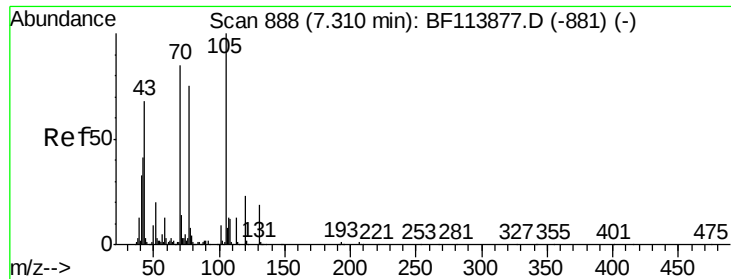
Abundance

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

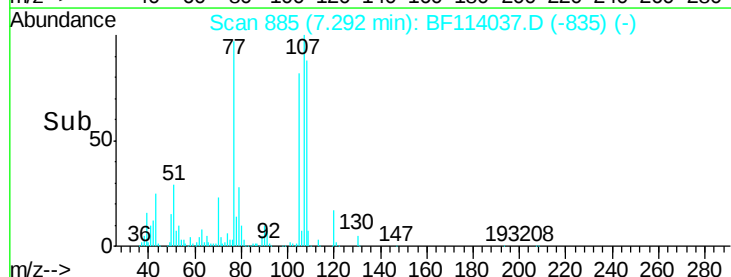
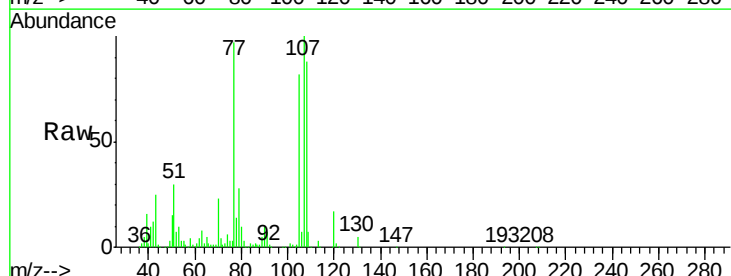
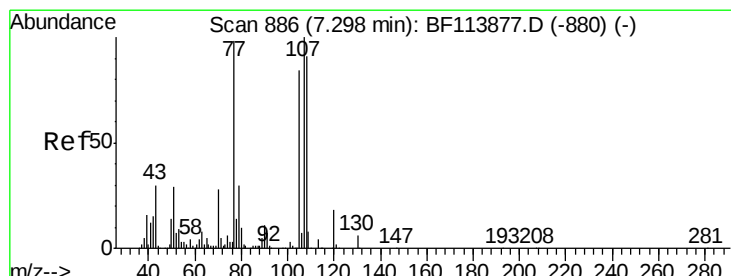
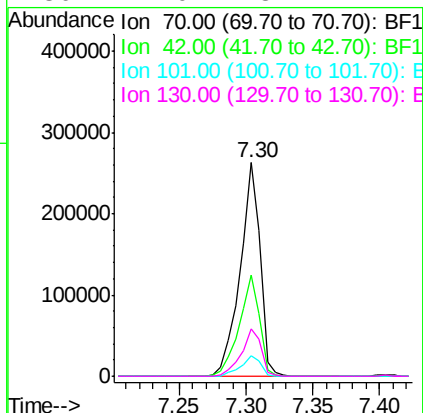




#19
n-Nitroso-di-n-propylamine
Concen: 39.781 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

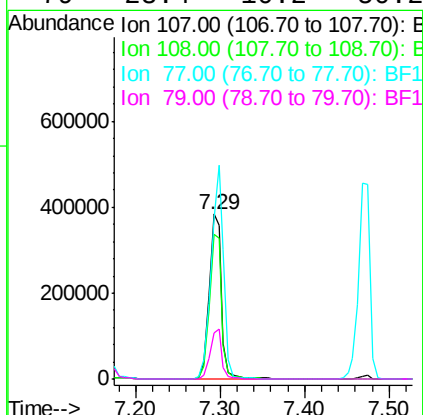
Instrument :
BNA_F
ClientSampleId :

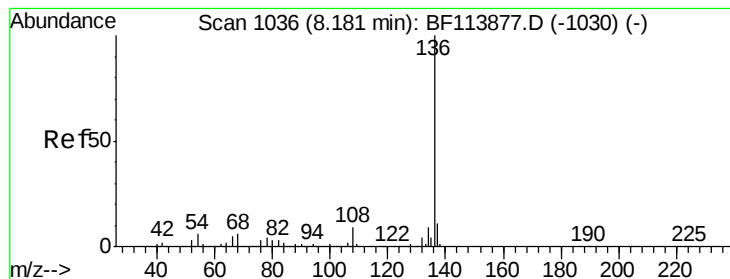
Tot Ion:	70	Resp:	273869
Ion	Ratio	Lower	Upper
70	100		
42	47.3	37.3	55.9
101	9.3	7.8	11.8
130	22.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.589 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:	107	Resp:	388874
Ion	Ratio	Lower	Upper
107	100		
108	88.1	70.1	110.1
77	97.0	52.9	92.9#
79	28.4	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 566652

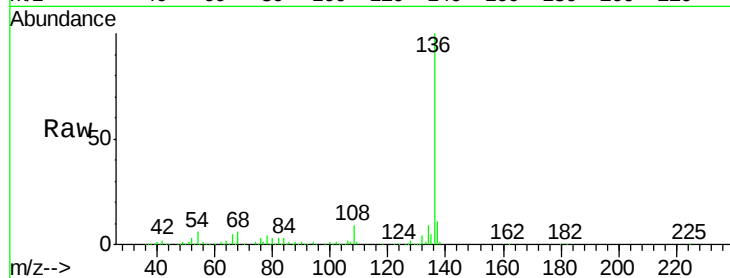
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.9 5.0 7.6

68 5.9 4.9 7.3

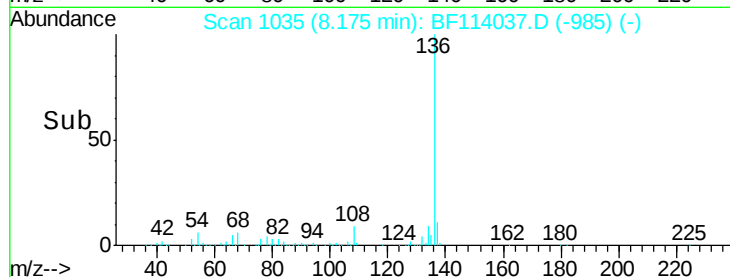


Abundance Ion 136.00 (135.70 to 136.70): E

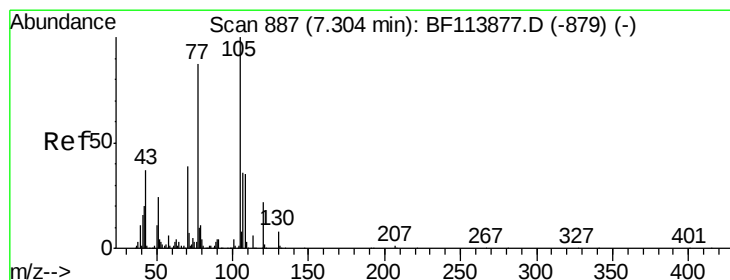
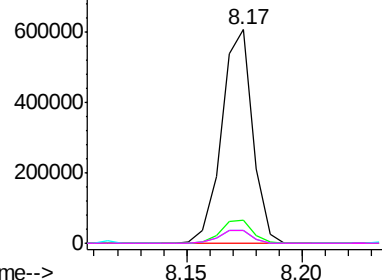
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.323 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Tgt Ion:105 Resp: 508469

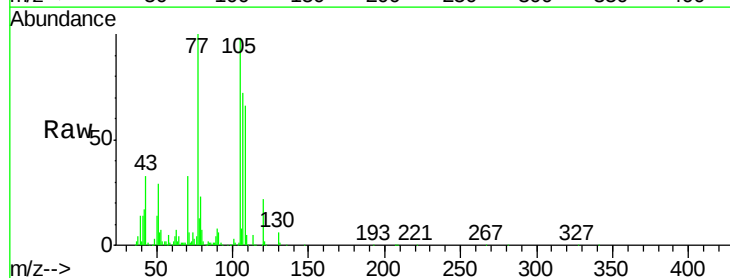
Ion Ratio Lower Upper

105 100

71 5.9 6.1 9.1#

51 29.3 16.8 25.2#

120 21.9 17.6 26.4

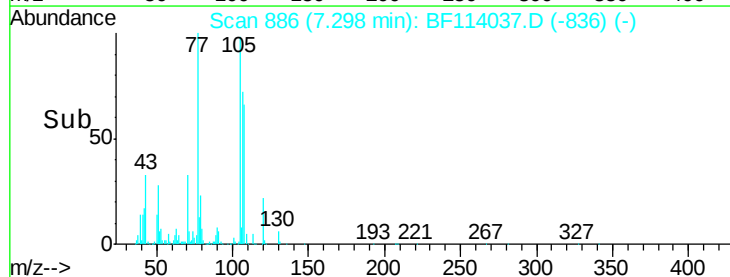


Abundance Ion 105.00 (104.70 to 105.70): E

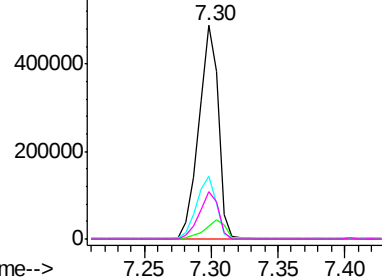
Ion 71.00 (70.70 to 71.70): BF1

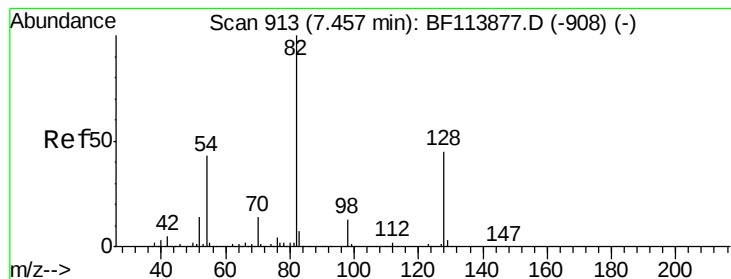
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 84.549 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

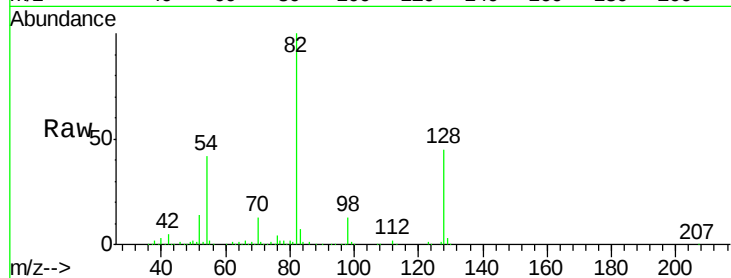
Tot Ion: 82 Resp: 775945

Ion Ratio Lower Upper

82 100

128 45.1 36.8 55.2

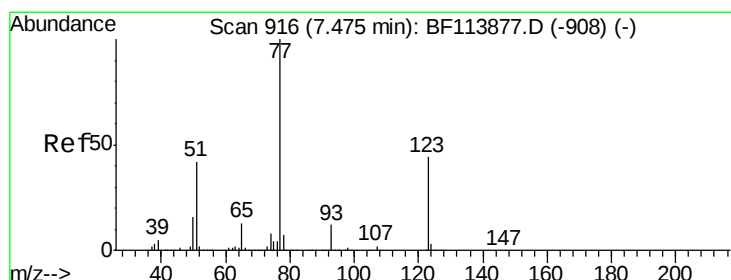
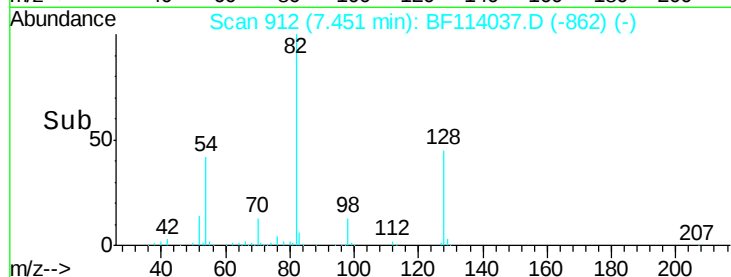
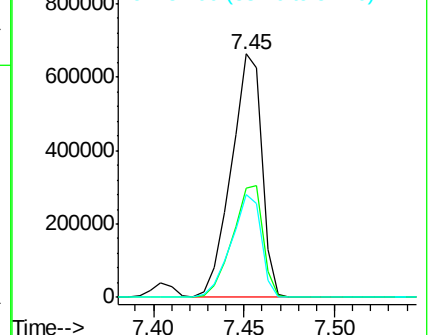
54 42.2 33.8 50.6



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: 41.565 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

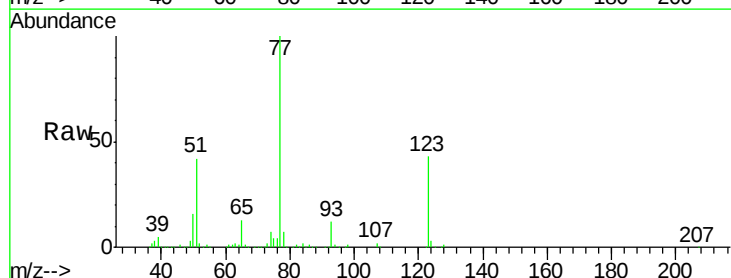
Tgt Ion: 77 Resp: 421502

Ion Ratio Lower Upper

77 100

123 43.1 36.3 54.5

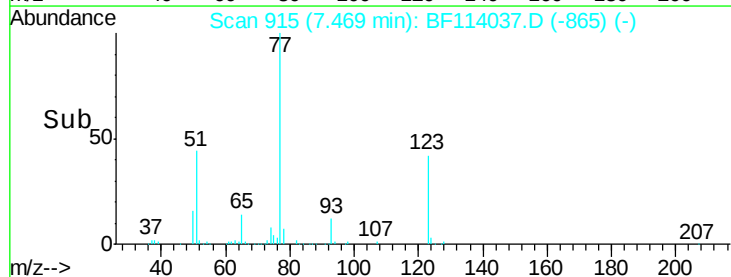
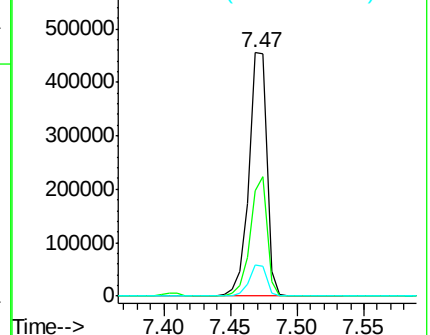
65 13.0 10.3 15.5

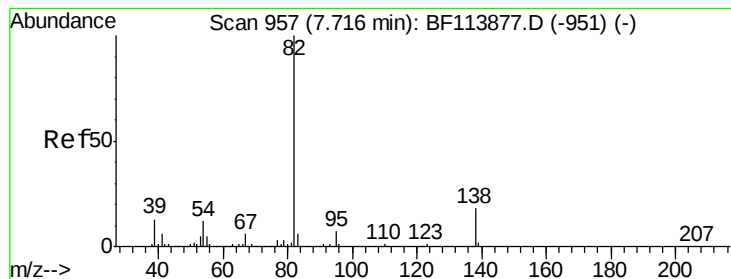


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.903 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

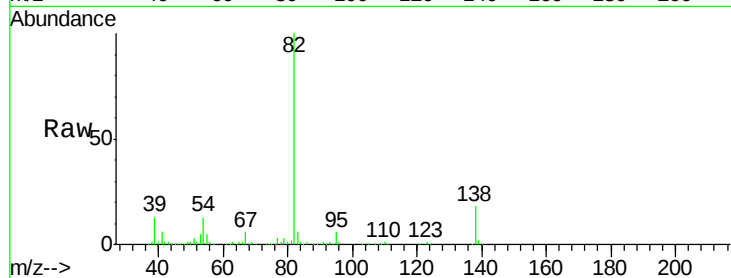
Tot Ion: 82 Resp: 749314

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

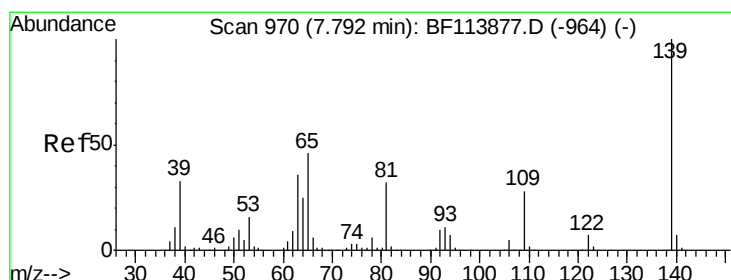
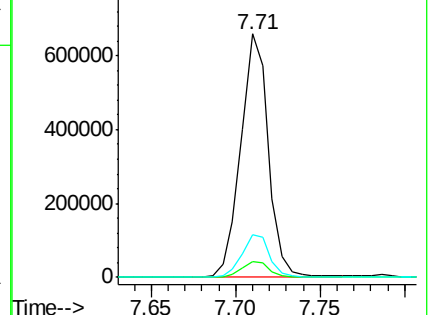
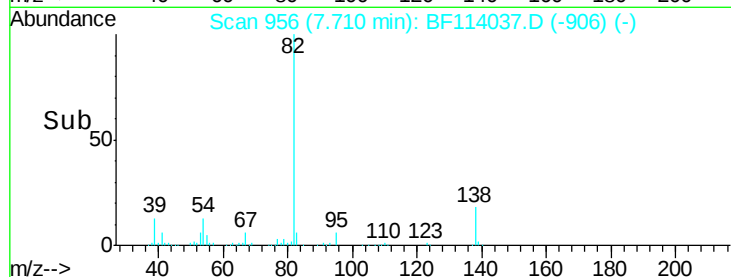
138 17.6 14.6 22.0



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: 43.933 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

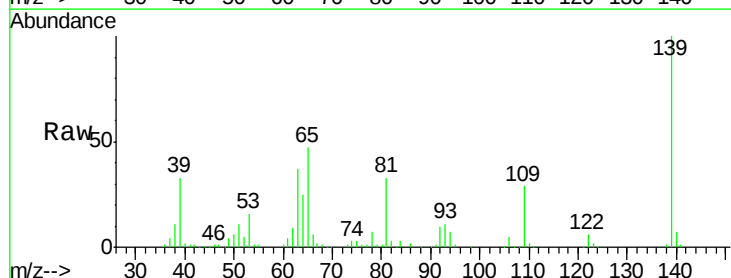
Tgt Ion: 139 Resp: 203243

Ion Ratio Lower Upper

139 100

109 28.5 20.6 31.0

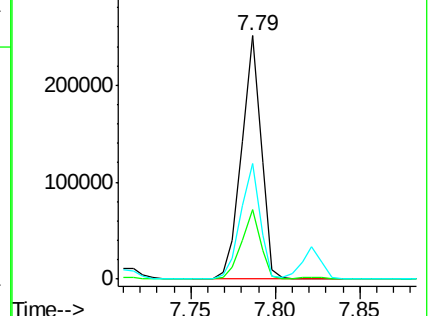
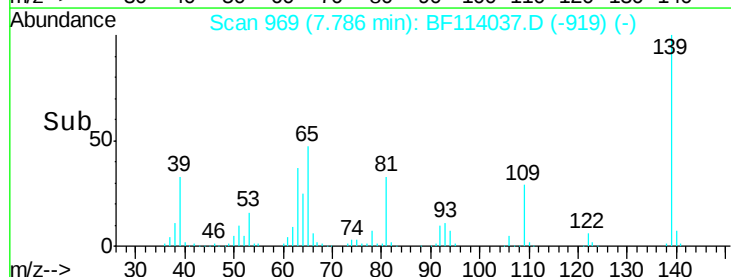
65 47.2 34.6 52.0

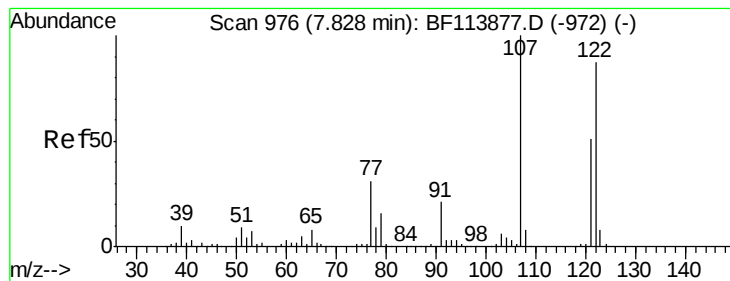


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.035 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampled :

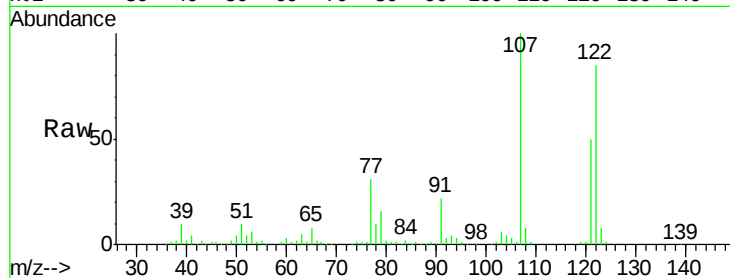
Tot Ion:122 Resp: 294224

Ion Ratio Lower Upper

122 100

107 117.4 91.2 136.8

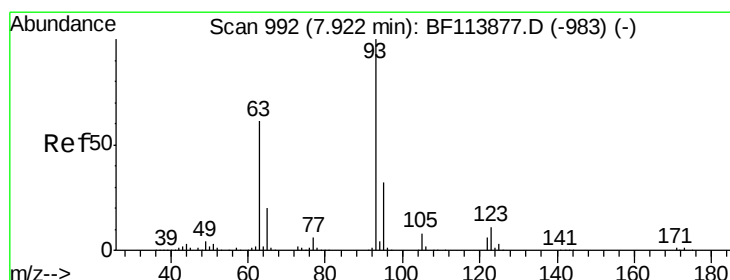
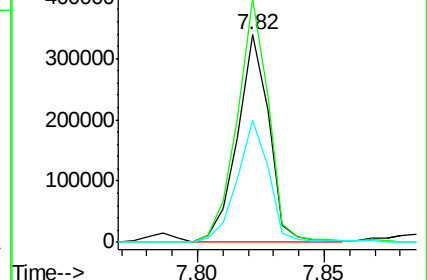
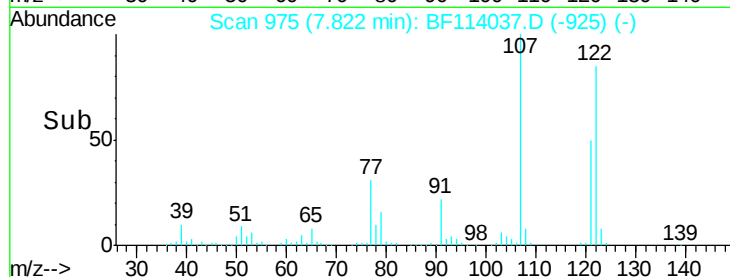
121 58.8 46.4 69.6



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: 40.008 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

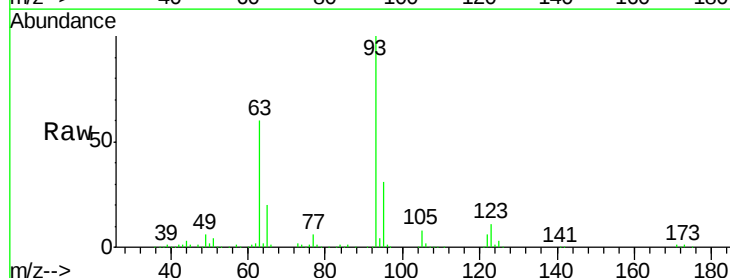
Tgt Ion: 93 Resp: 478735

Ion Ratio Lower Upper

93 100

95 31.5 25.8 38.6

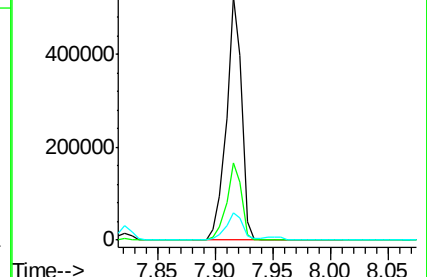
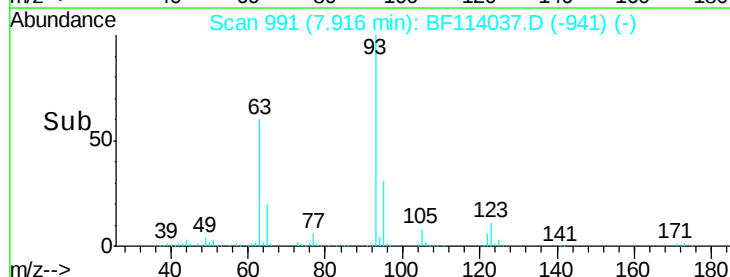
123 11.4 9.0 13.6

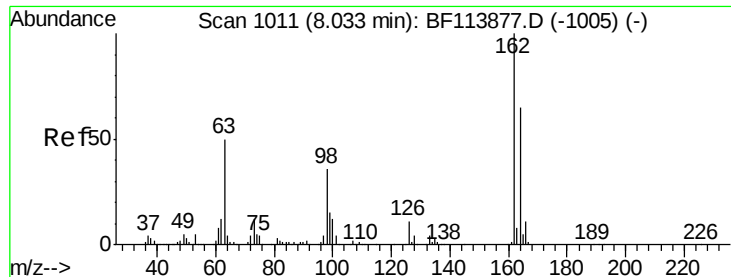


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

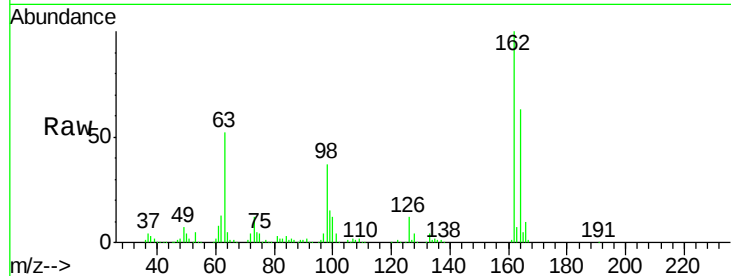




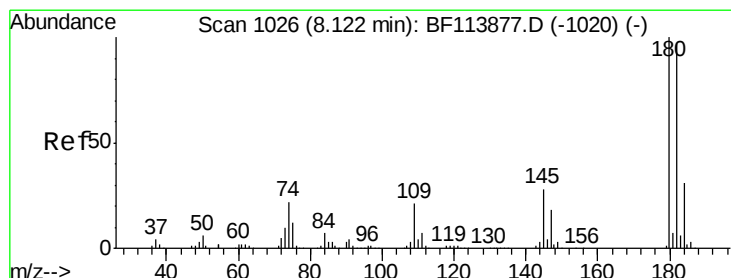
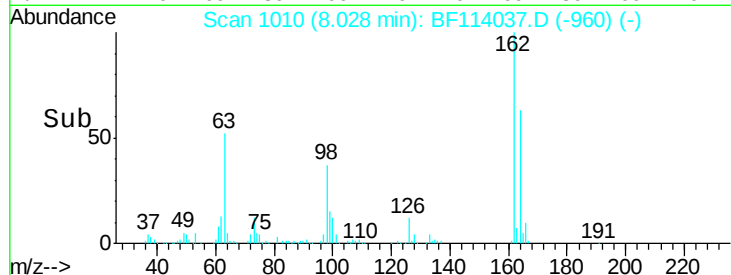
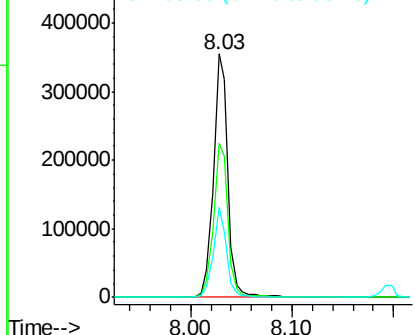
#29
2,4-Dichlorophenol
Concen: 40.801 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 351671
Ion Ratio Lower Upper
162 100
164 63.4 43.7 83.7
98 36.8 15.5 55.5

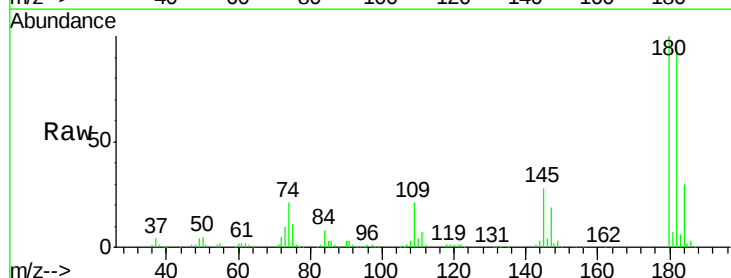


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

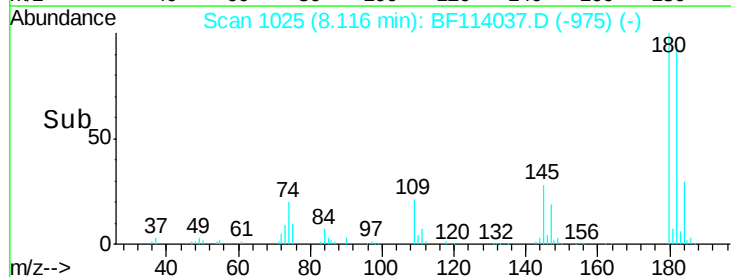
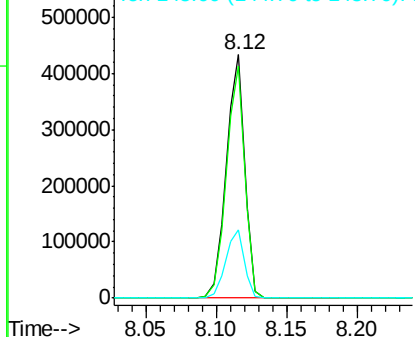


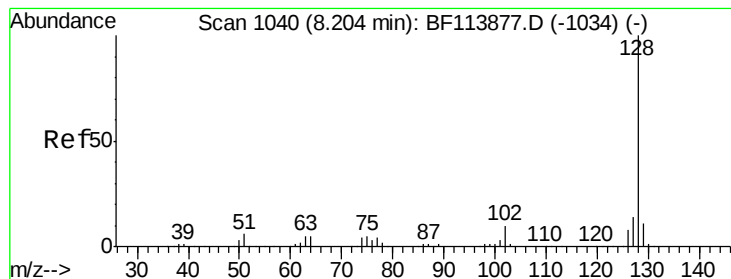
#30
1,2,4-Trichlorobenzene
Concen: 40.722 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:180 Resp: 391361
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
145 27.8 23.0 34.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.371 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

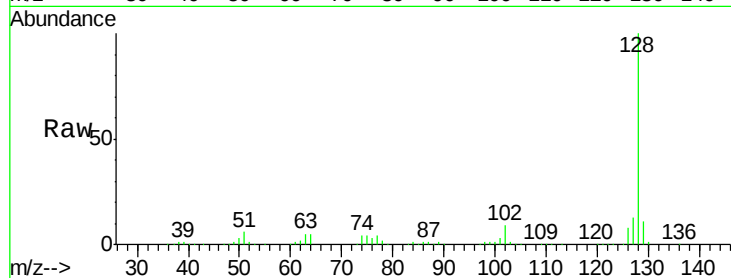
Tot Ion:128 Resp: 1113663

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

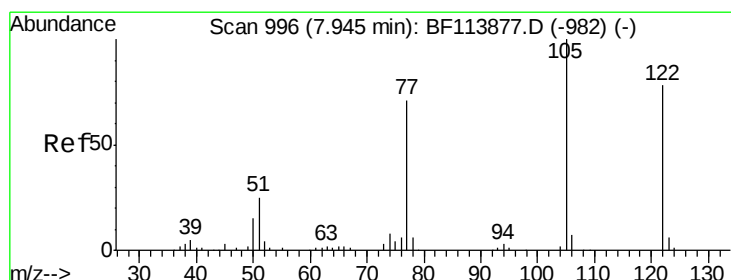
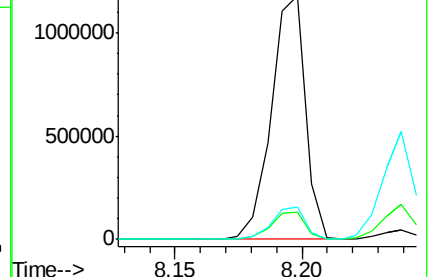
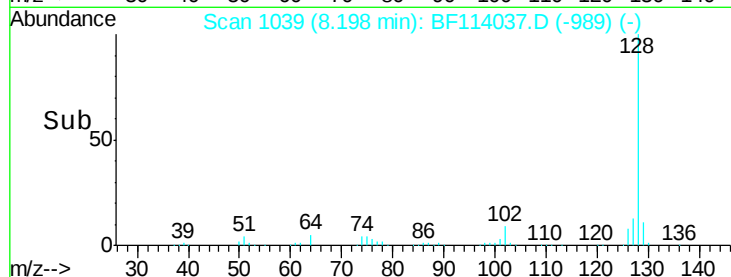
127 13.5 10.8 16.2



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: 44.569 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

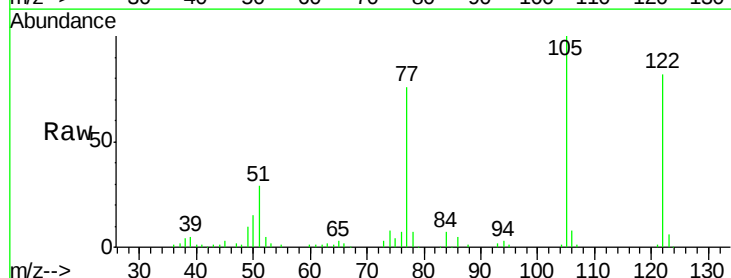
Tgt Ion:122 Resp: 226860

Ion Ratio Lower Upper

122 100

105 121.3 104.3 144.3

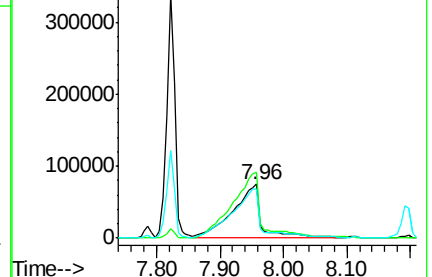
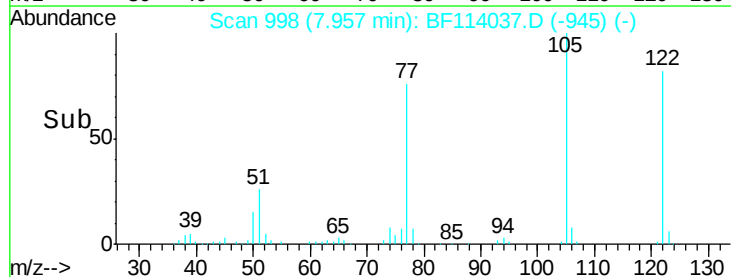
77 91.8 70.4 110.4

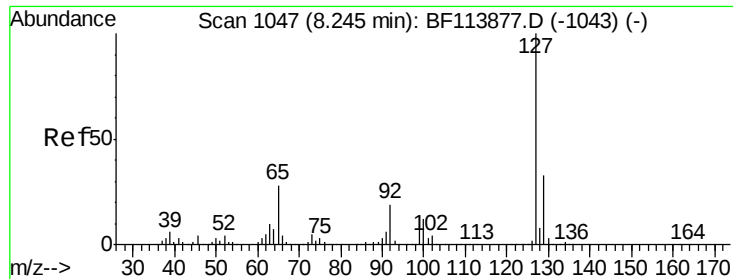


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

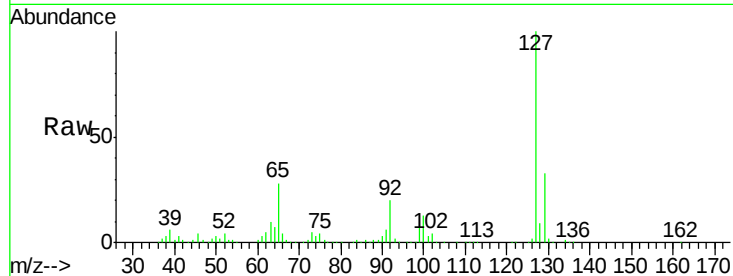




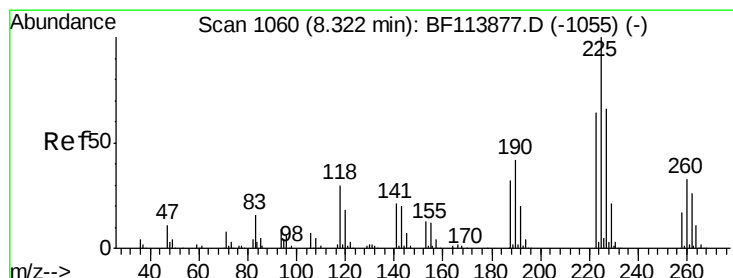
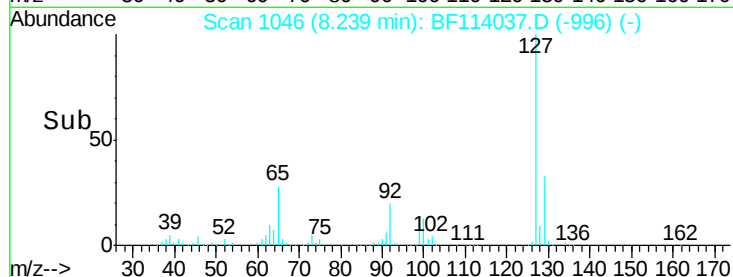
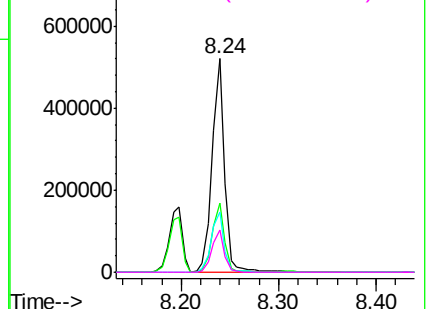
#33
4-Chloroaniline
Concen: 40.606 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	462521
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.4 39.6
65	28.2	24.9 37.3
92	19.8	15.9 23.9

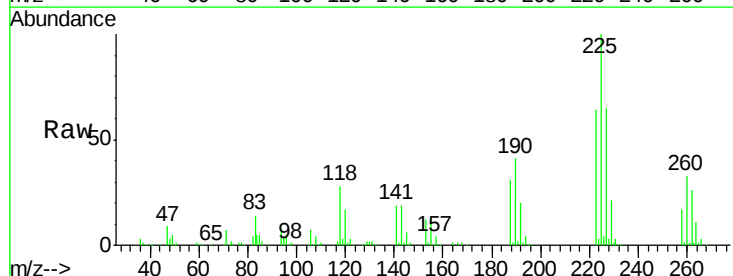


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

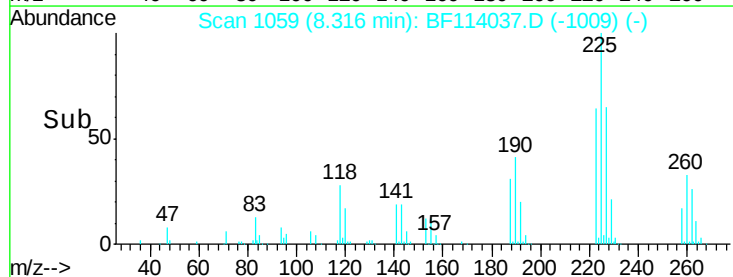
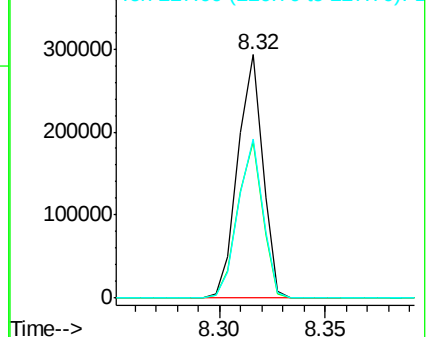


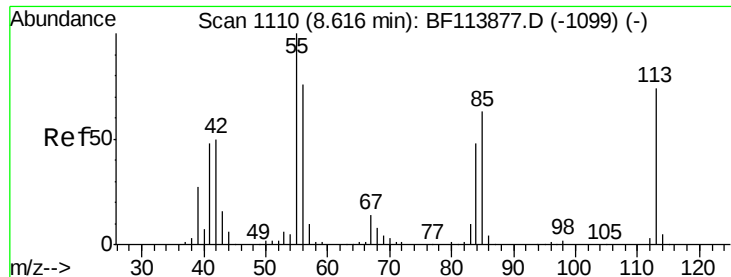
#34
Hexachlorobutadiene
Concen: 40.086 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:225	Resp:	240157
Ion Ratio	Lower	Upper
225	100	
223	64.4	51.1 76.7
227	65.5	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

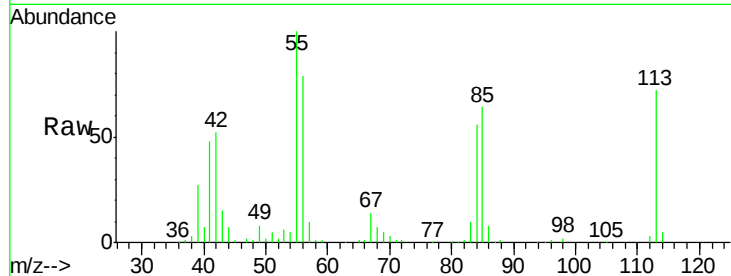




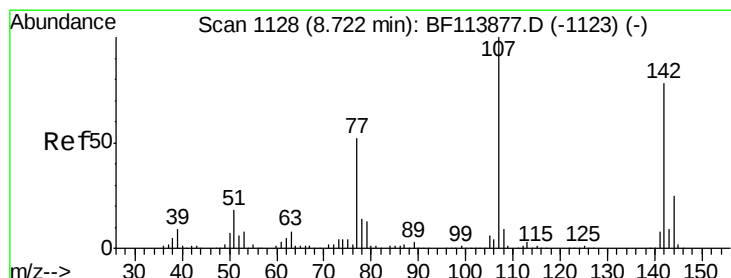
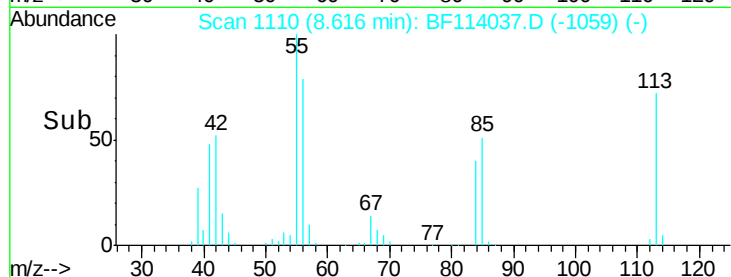
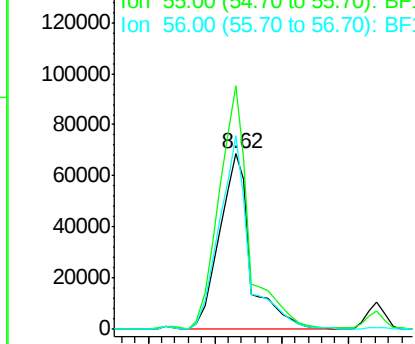
#35
Caprolactam
Concen: 41.042 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 112530
Ion Ratio Lower Upper
113 100
55 139.0 128.6 168.6
56 110.4 91.9 131.9

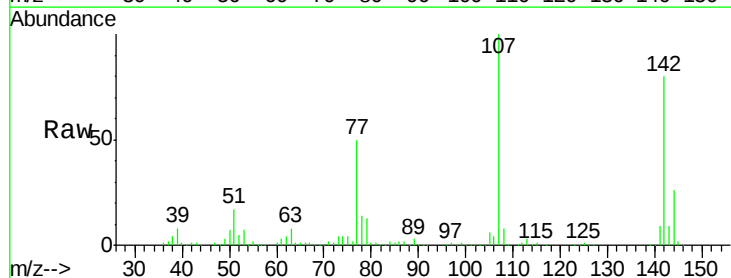


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

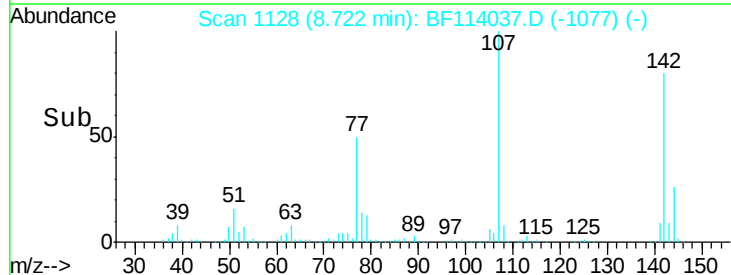
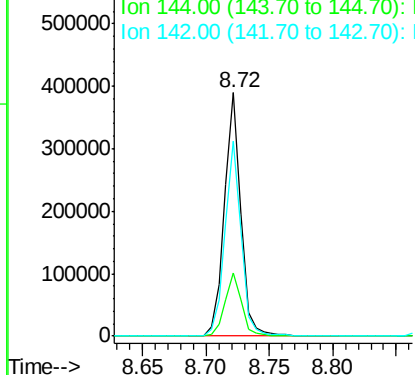


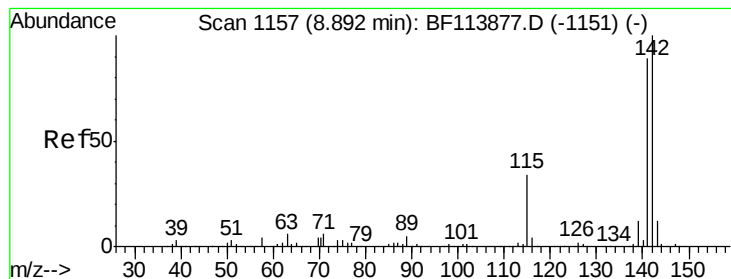
#36
4-Chloro-3-methylphenol
Concen: 41.289 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:107 Resp: 352578
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 80.2 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 40.944 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

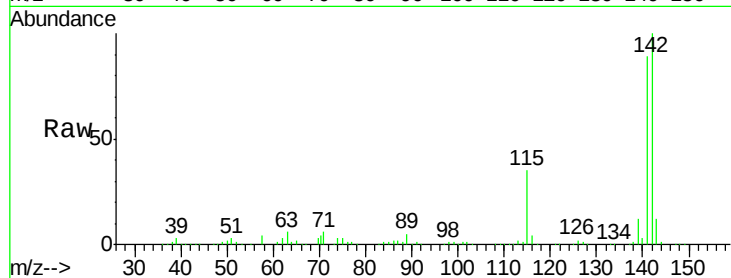
Tot Ion:142 Resp: 743231

Ion Ratio Lower Upper

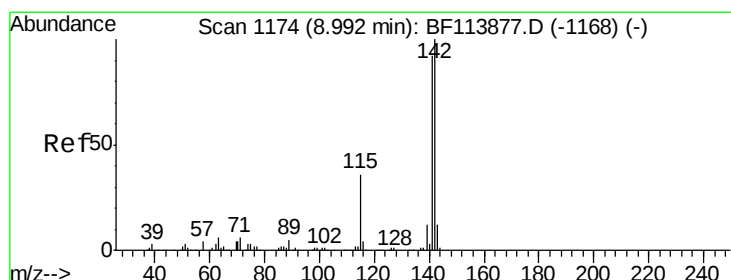
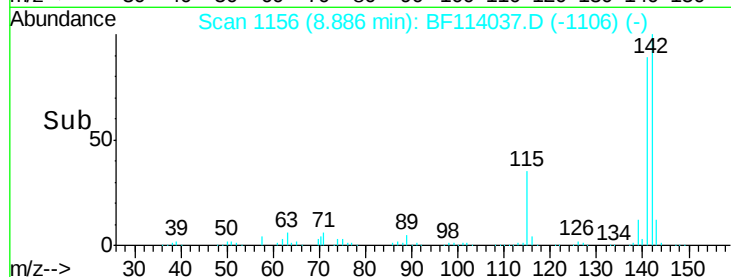
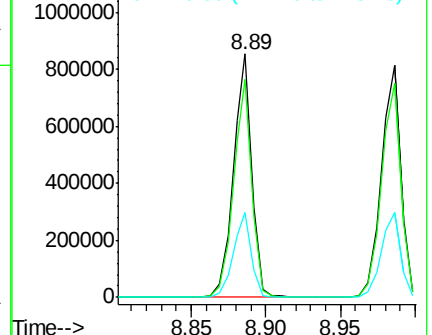
142 100

141 89.5 70.4 105.6

115 35.0 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: 41.189 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

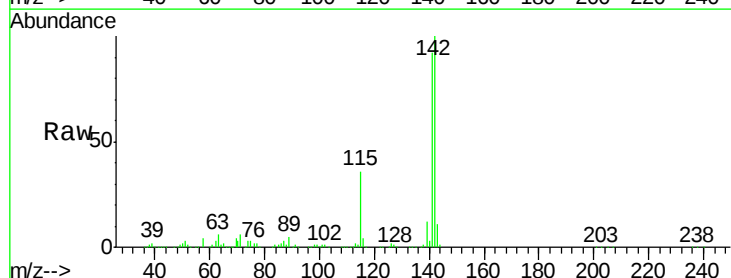
Tgt Ion:142 Resp: 721655

Ion Ratio Lower Upper

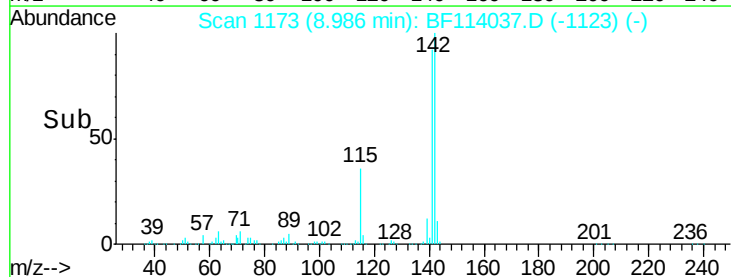
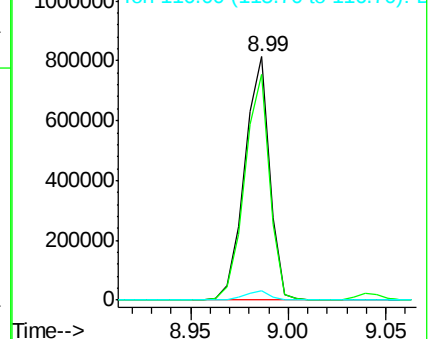
142 100

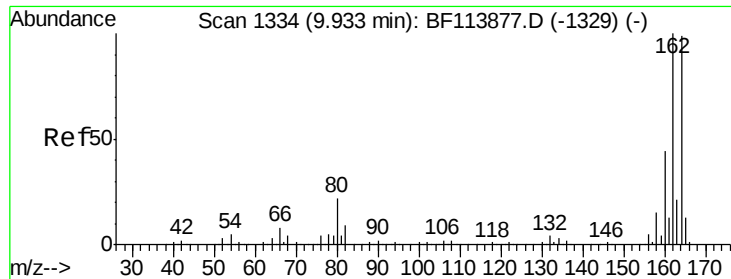
141 92.5 72.3 108.5

116 3.7 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

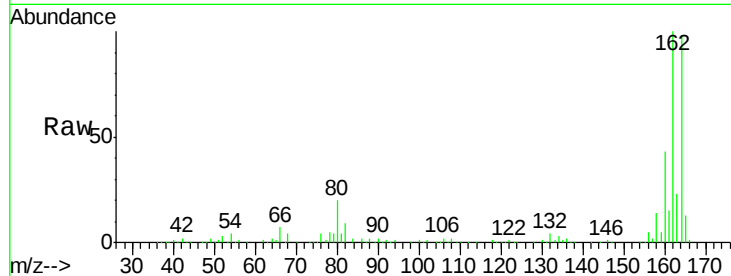




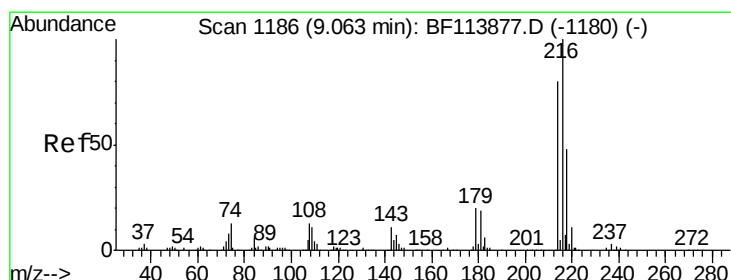
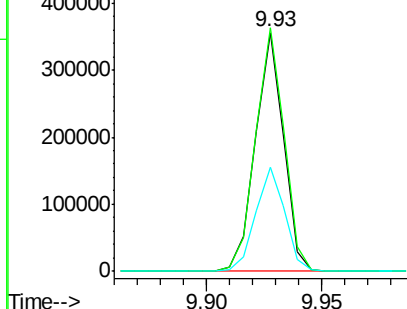
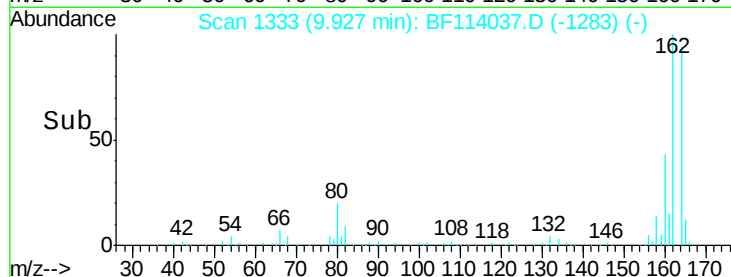
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 303320
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 43.5 35.8 53.6

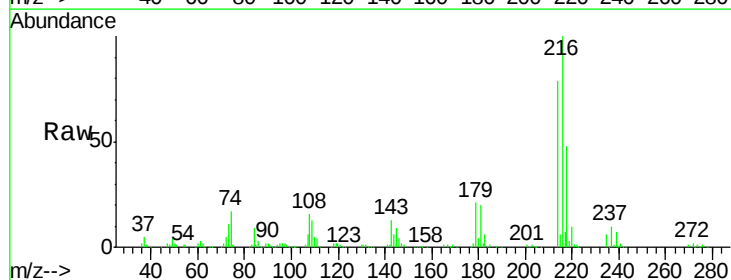


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

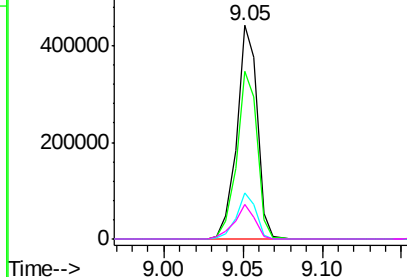
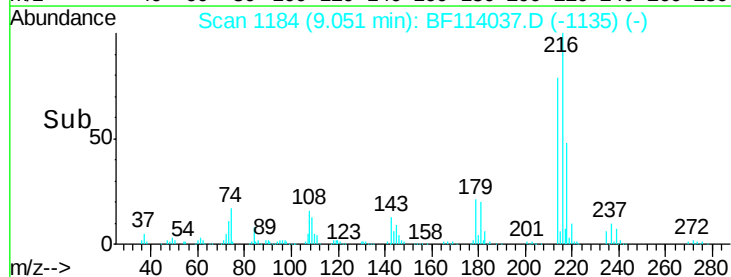


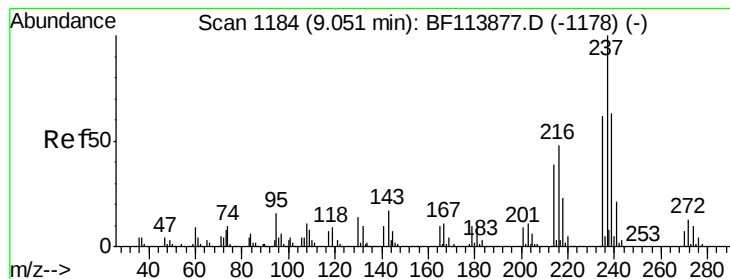
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.037 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:216 Resp: 394473
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 20.7 16.1 24.1
108 15.9 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: 35.208 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

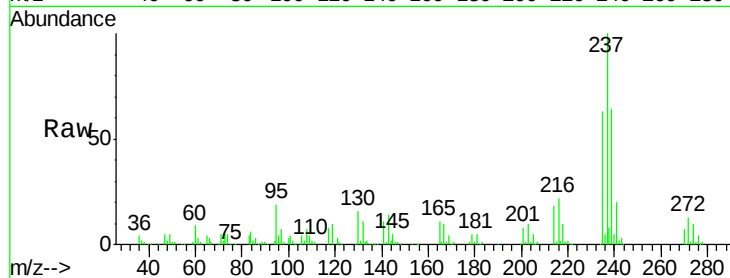
Tot Ion:237 Resp: 193445

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

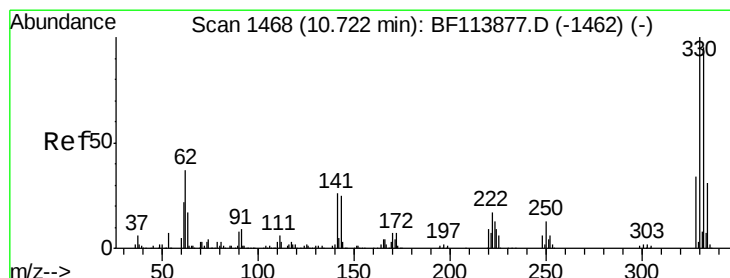
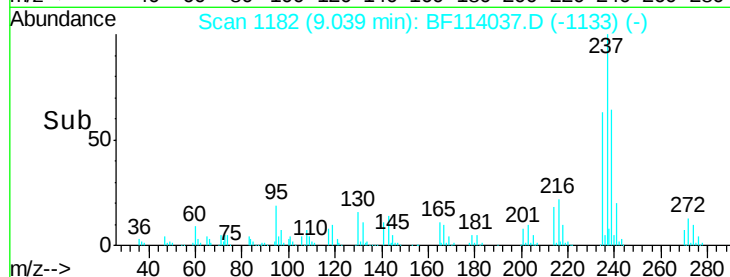
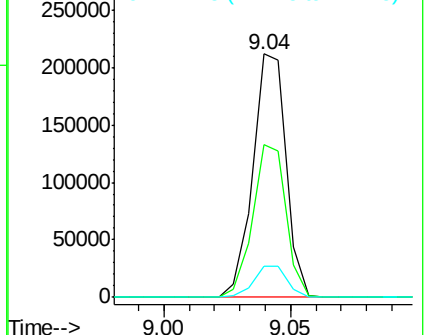
272 12.7 0.0 33.8



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: 80.909 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

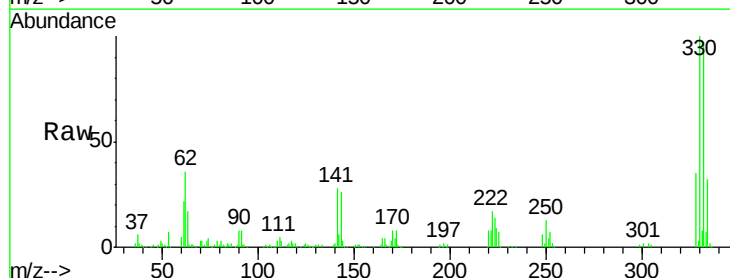
Tgt Ion:330 Resp: 298965

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

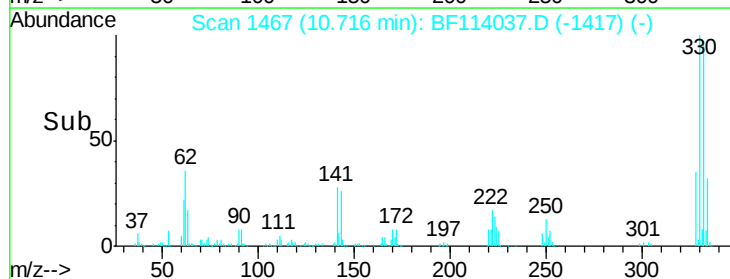
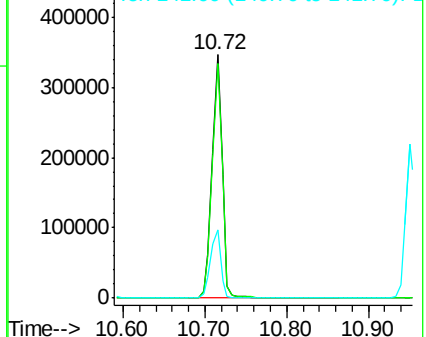
141 28.5 22.2 33.2

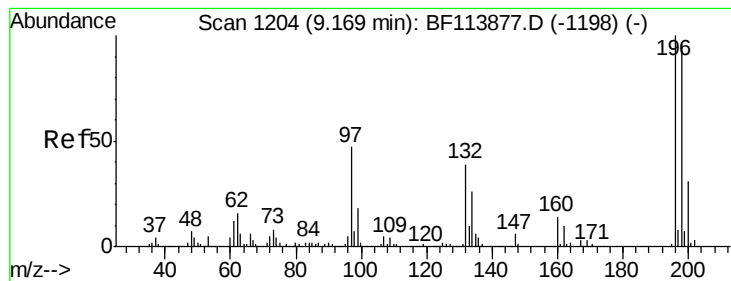


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.453 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

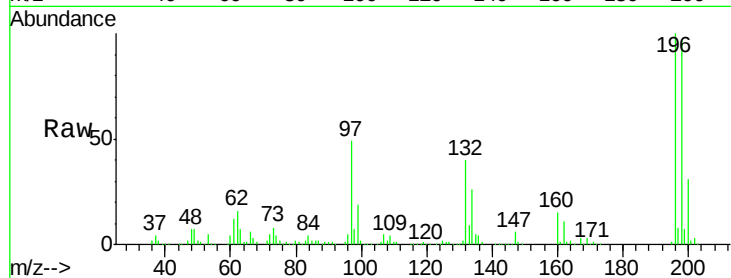
Tot Ion:196 Resp: 253094

Ion Ratio Lower Upper

196 100

198 96.5 75.6 113.4

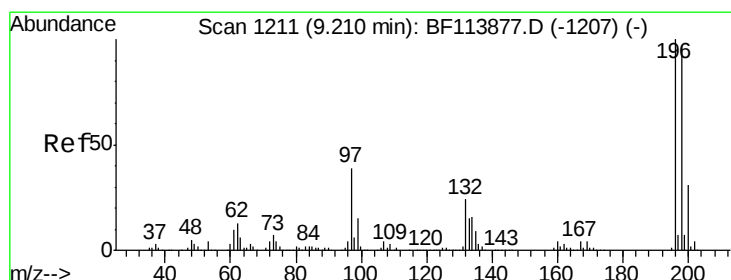
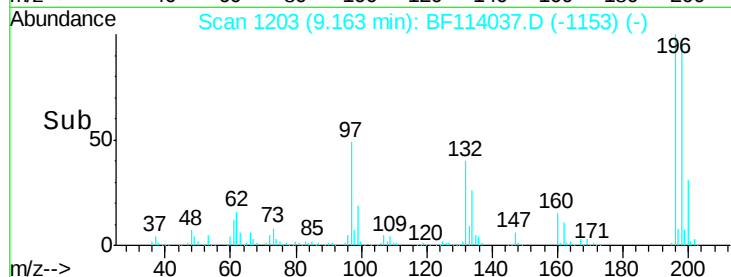
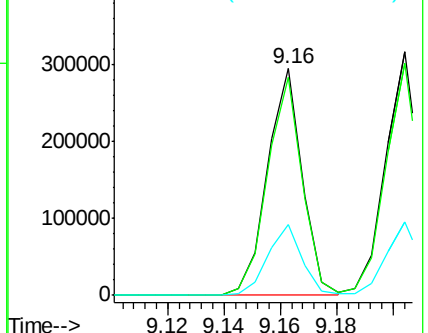
200 31.4 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.144 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Tgt Ion:196 Resp: 281717

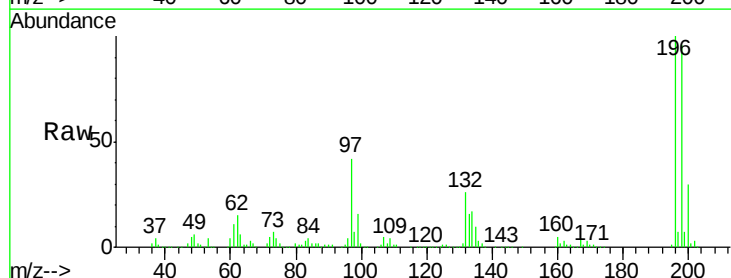
Ion Ratio Lower Upper

196 100

198 95.6 76.2 114.4

97 41.9 35.8 53.8

132 25.9 20.9 31.3

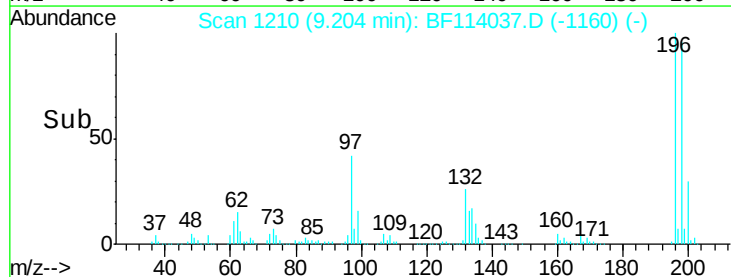
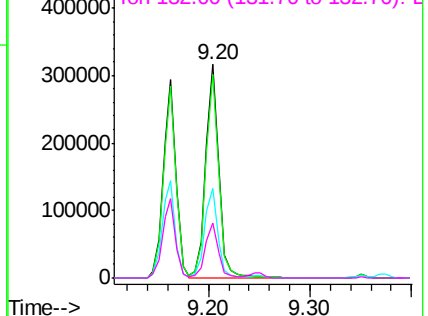


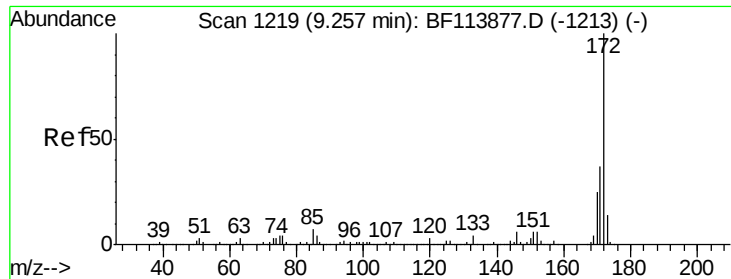
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

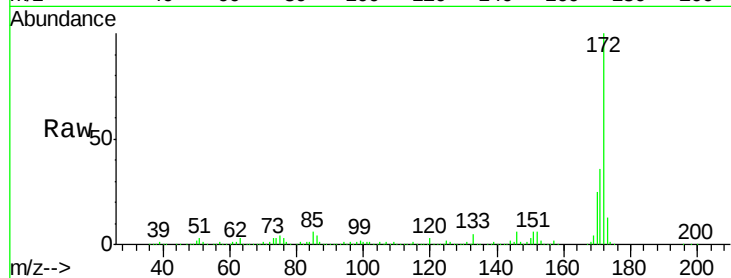




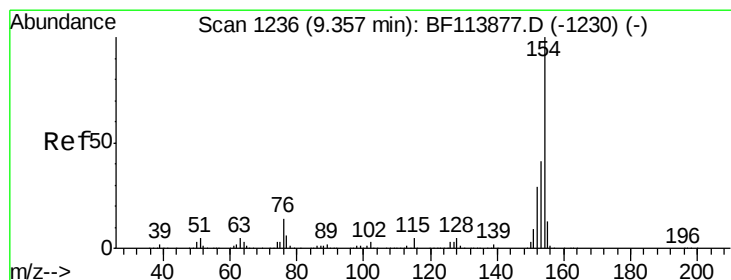
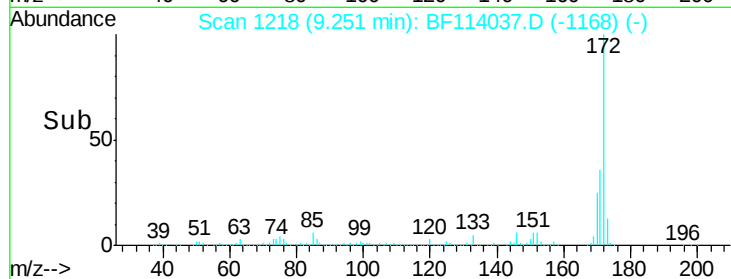
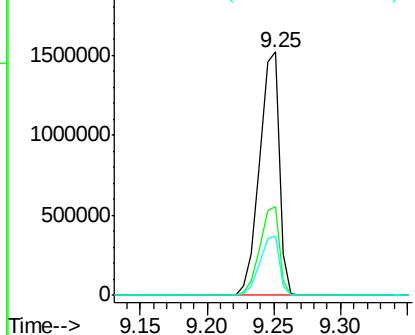
#45
2-Fluorobiphenyl
Concen: 79.456 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1540940
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.5 19.9 29.9

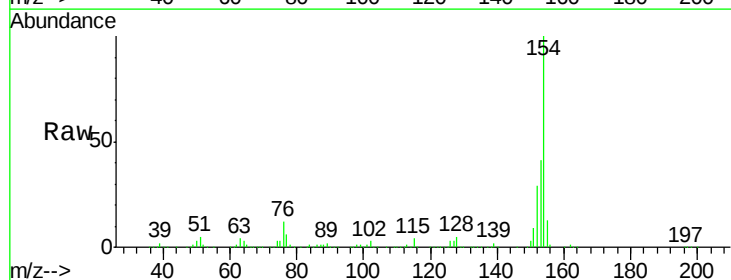


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

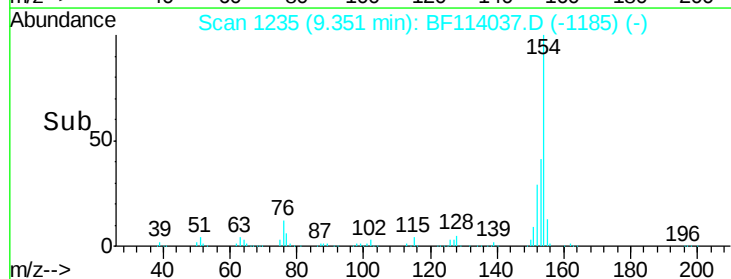
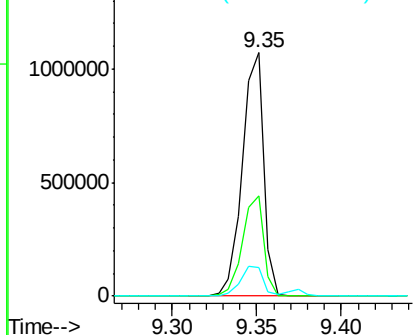


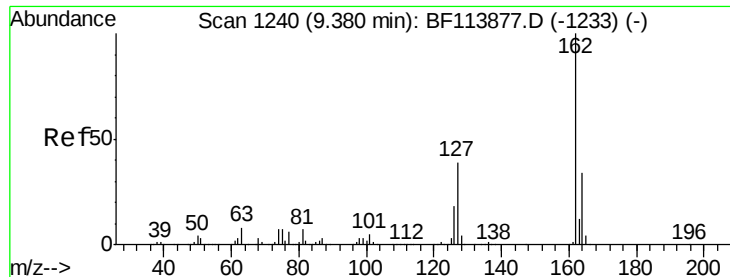
#46
1,1'-Biphenyl
Concen: 40.730 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:154 Resp: 943766
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 11.8 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

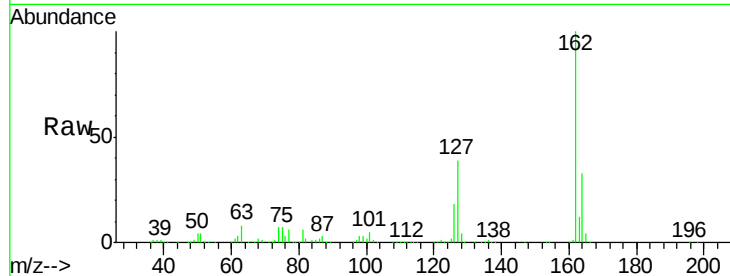




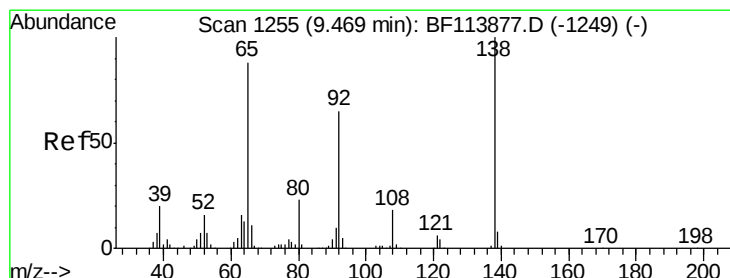
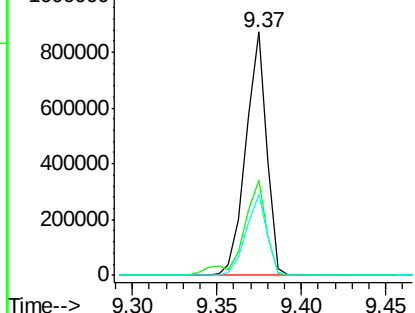
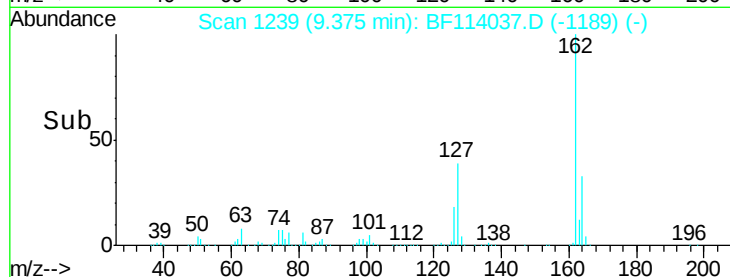
#47
 2-Chloronaphthalene
 Concen: 40.063 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.3	43.9
164	33.3	27.1	40.7

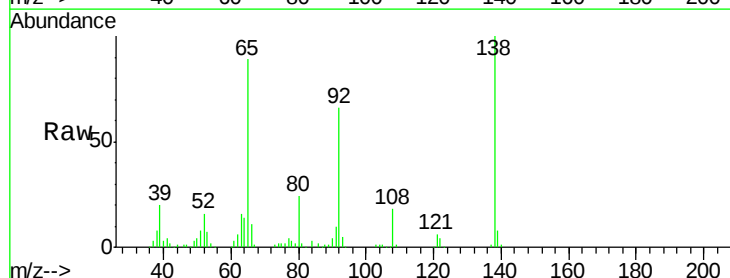


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

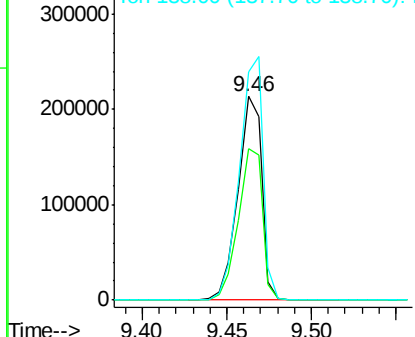
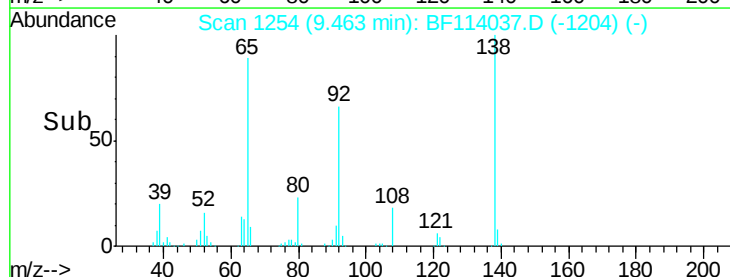


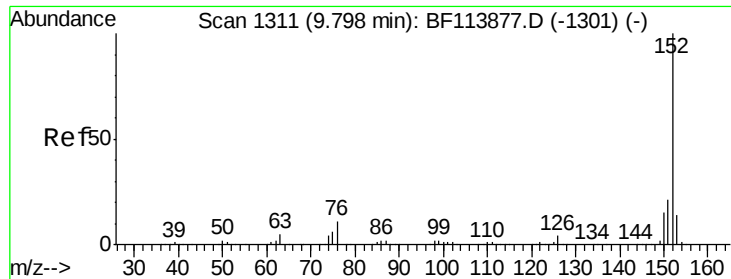
#48
 2-Nitroaniline
 Concen: 42.344 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	57.4	86.0
138	112.1	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: 40.874 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

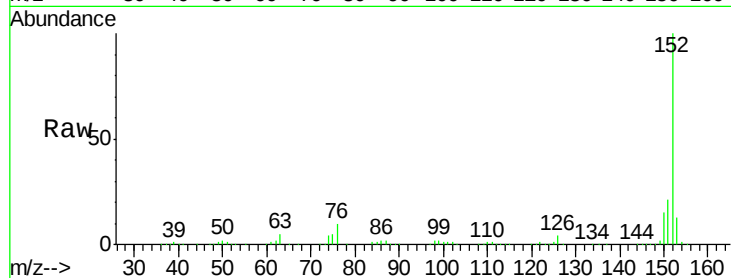
Tot Ion:152 Resp: 1205776

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

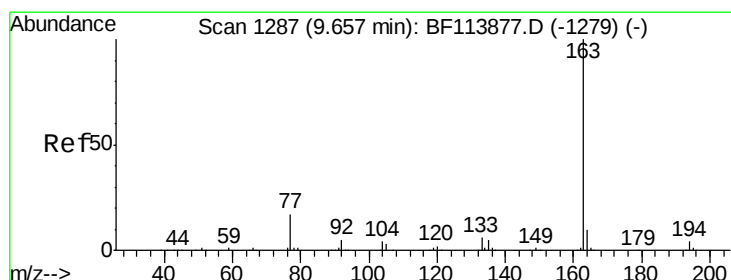
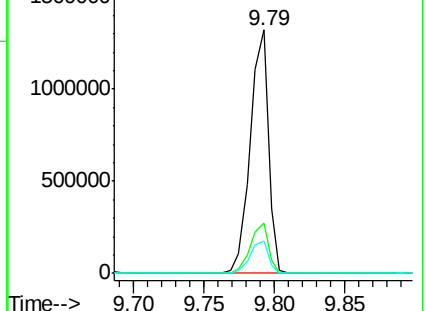
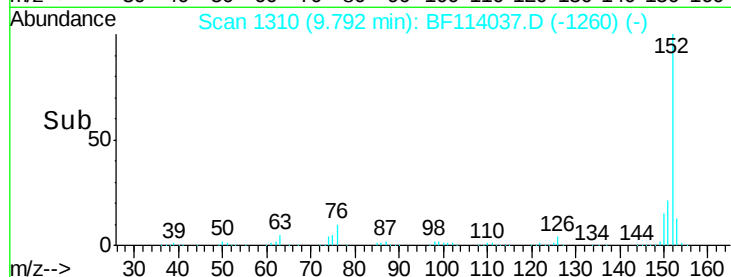
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.809 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

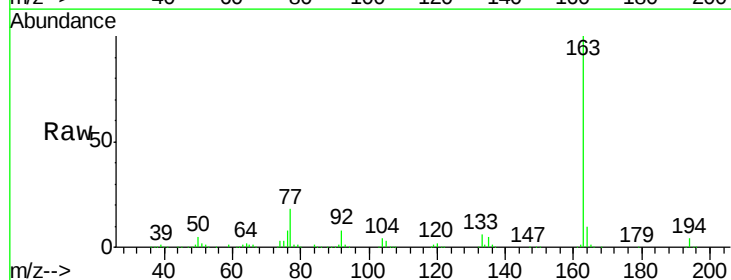
Tgt Ion:163 Resp: 895218

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

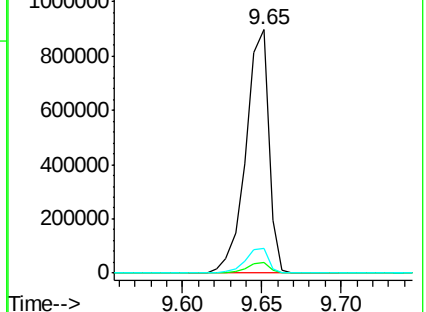
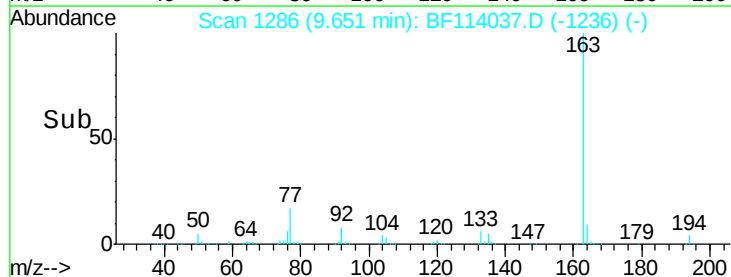
164 10.0 8.5 12.7

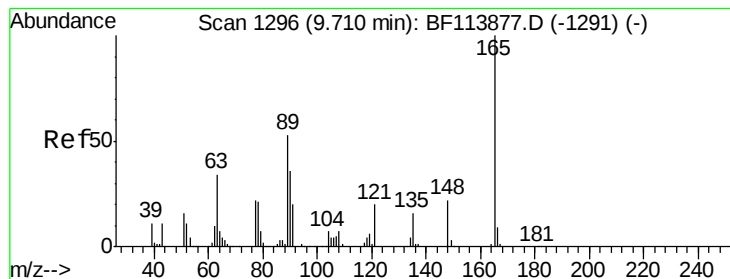


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.407 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampled :

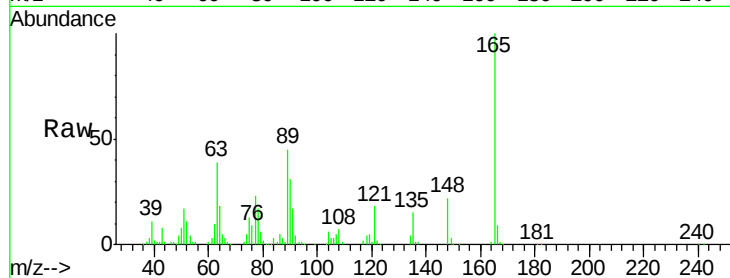
Tot Ion:165 Resp: 199578

Ion Ratio Lower Upper

165 100

63 39.0 33.8 50.8

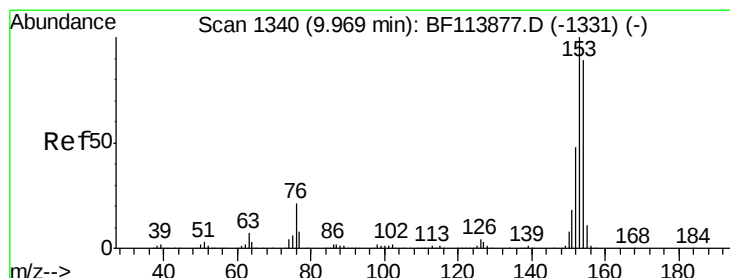
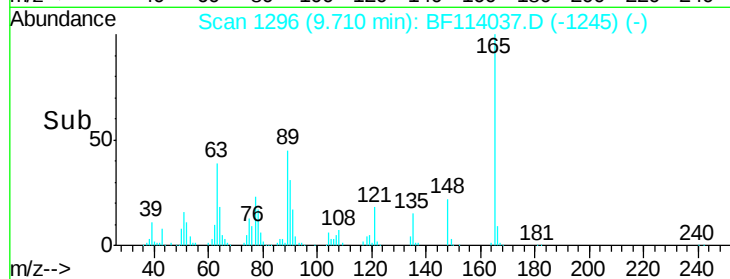
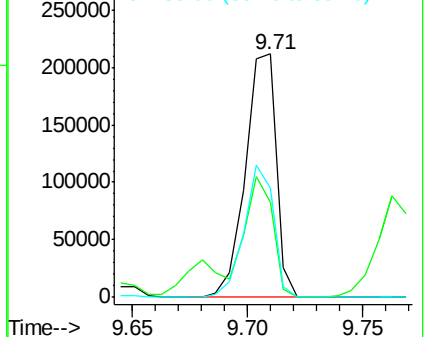
89 44.7 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.677 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

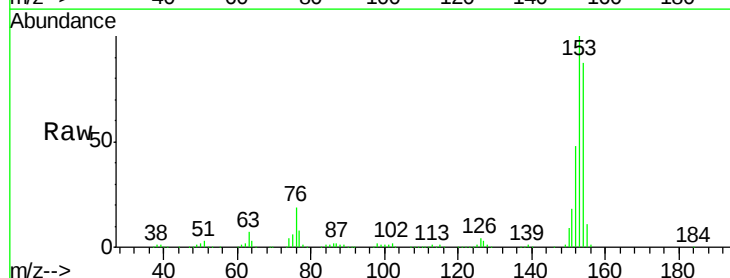
Tgt Ion:154 Resp: 709147

Ion Ratio Lower Upper

154 100

153 114.4 87.2 130.8

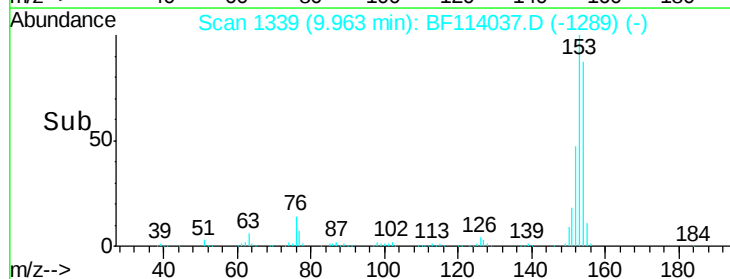
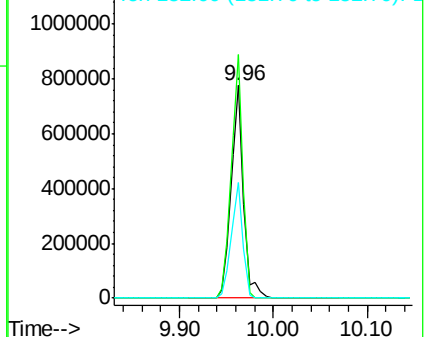
152 54.5 42.3 63.5

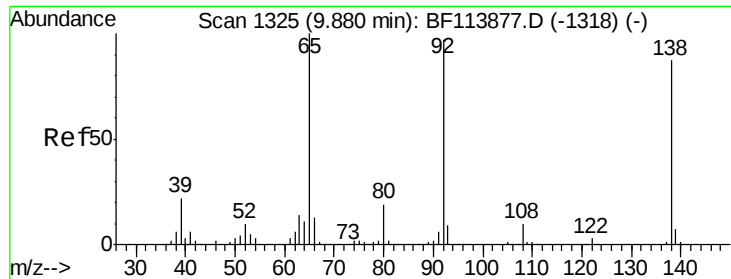


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

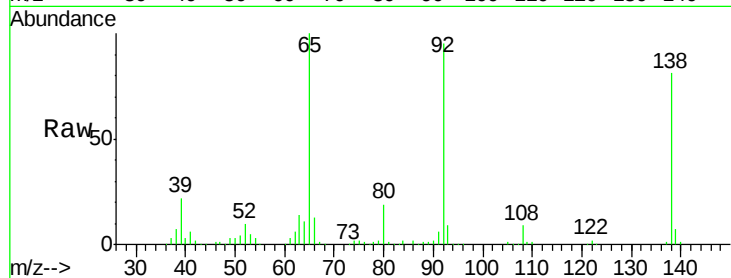




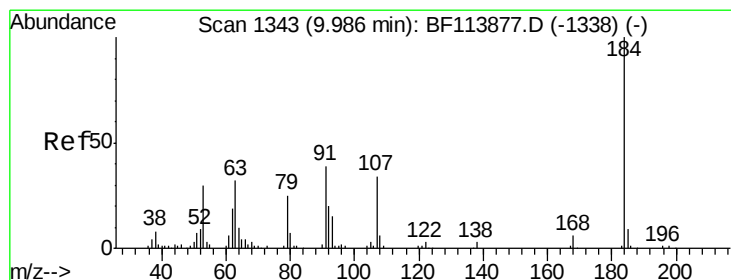
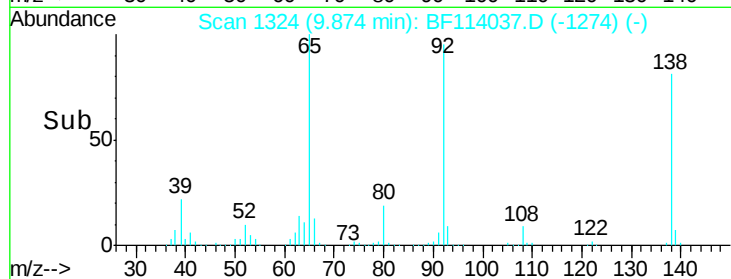
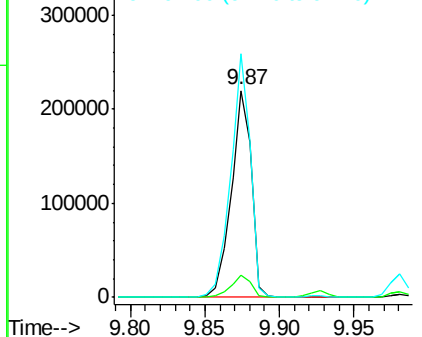
#53
 3-Nitroaniline
 Concen: 42.267 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 209027
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.4 14.2
 92 117.8 94.1 141.1

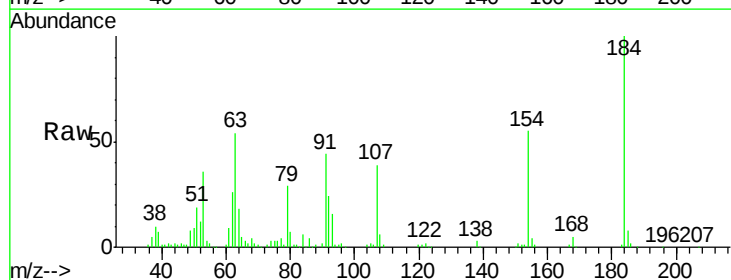


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

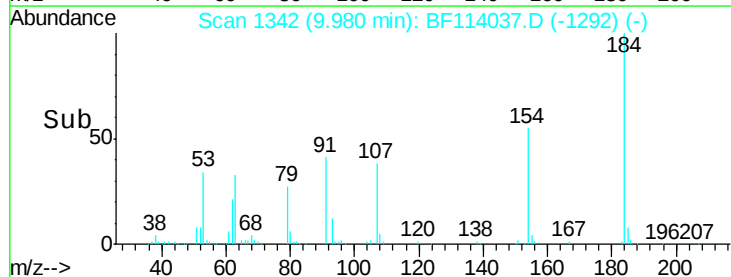
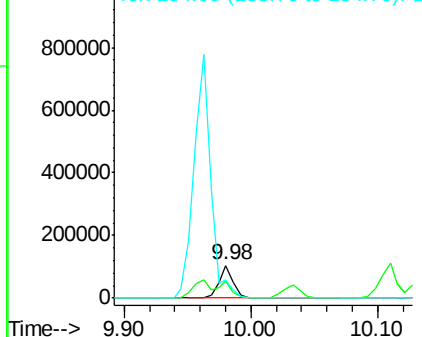


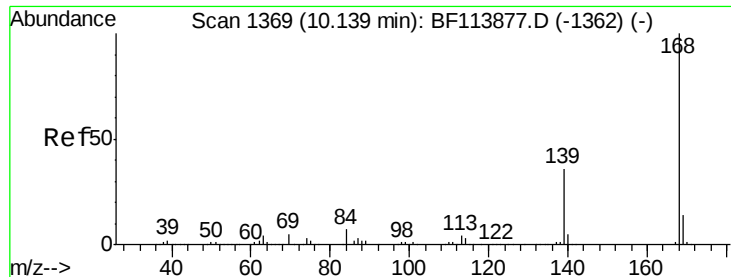
#54
 2,4-Dinitrophenol
 Concen: 44.588 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion:184 Resp: 82421
 Ion Ratio Lower Upper
 184 100
 63 53.8 54.6 81.8#
 154 55.2 218.6 328.0#



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

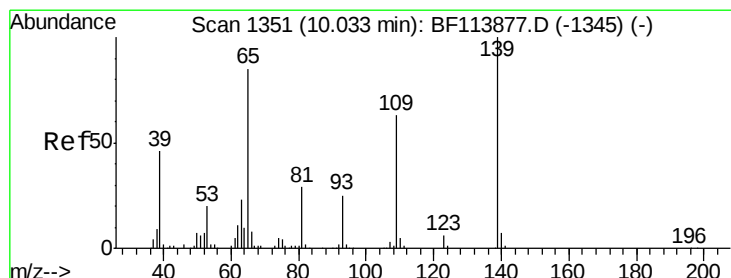
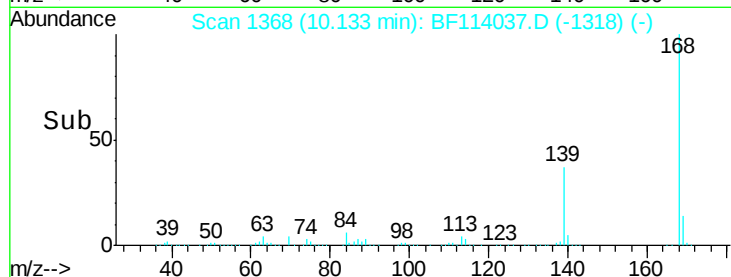
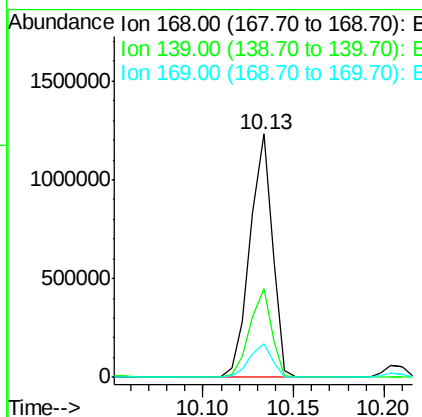
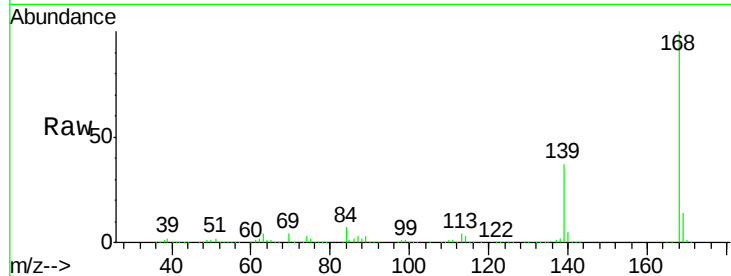




#55
Dibenzenofuran
Concen: 40.714 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

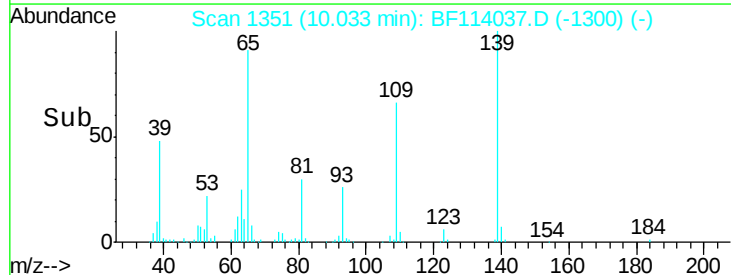
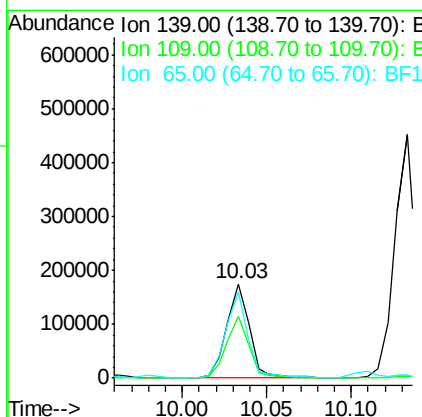
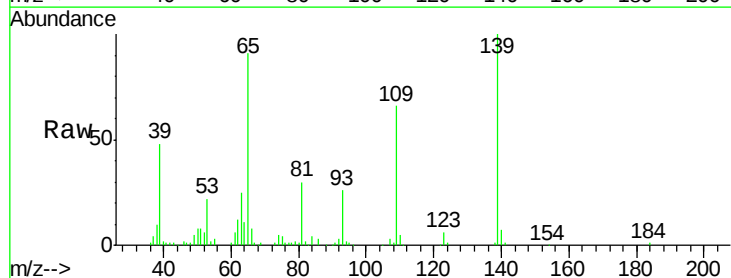
Instrument :
BNA_F
ClientSampleId :

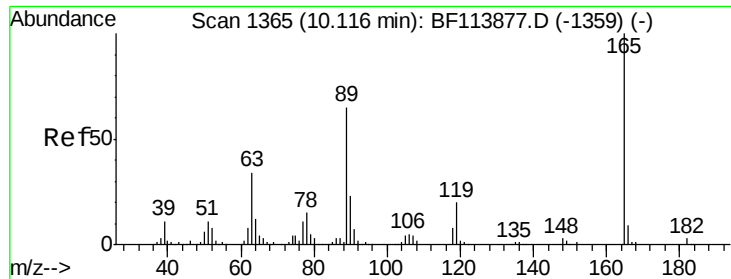
Tot Ion:168 Resp: 1063241
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.6
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 42.646 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:139 Resp: 166986
Ion Ratio Lower Upper
139 100
109 65.8 42.9 82.9
65 90.9 64.4 104.4

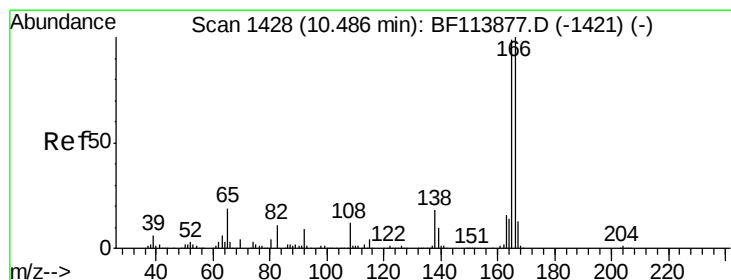
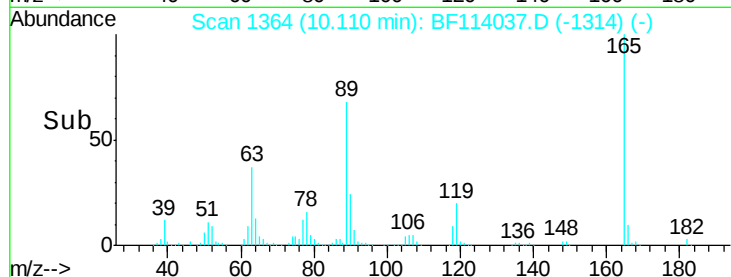
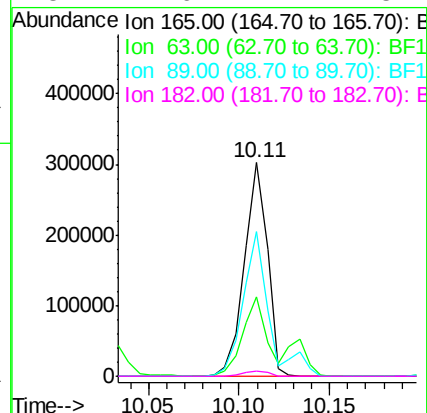
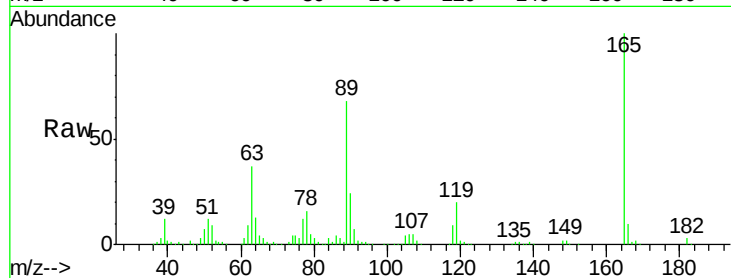




#57
2,4-Dinitrotoluene
Concen: 44.746 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

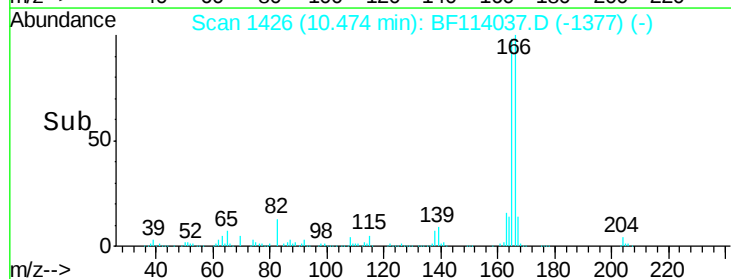
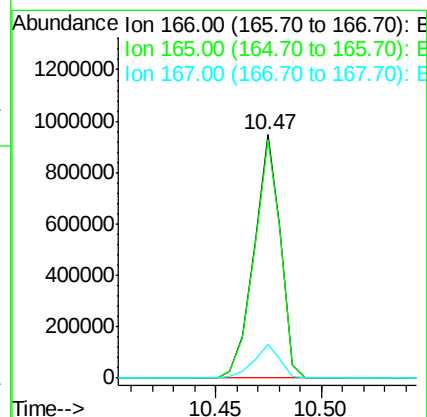
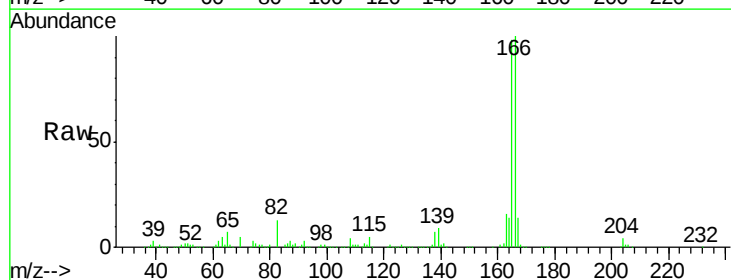
Instrument :
BNA_F
ClientSampleId :

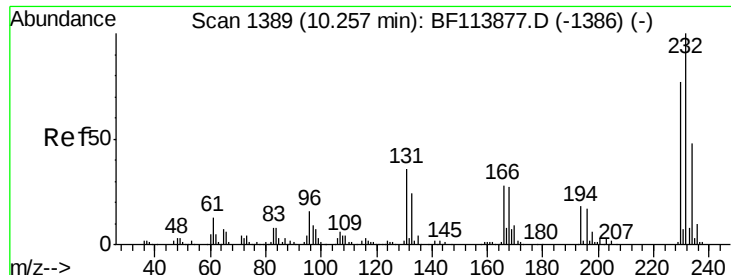
Tot Ion:165	Resp:	265804
Ion Ratio	Lower	Upper
165	100	
63	37.4	27.4 41.0
89	67.9	51.8 77.6
182	2.6	2.2 3.2



#58
Fluorene
Concen: 41.525 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:166	Resp:	816416
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.4 117.6
167	13.6	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.612 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 244283

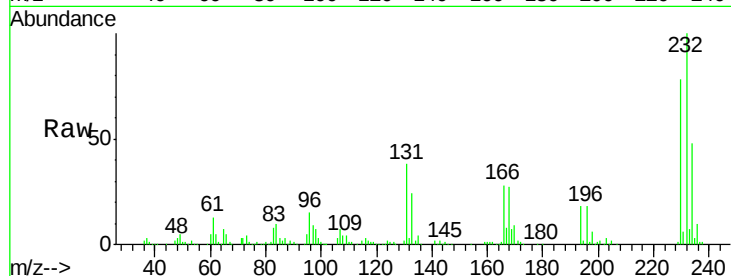
Ion Ratio Lower Upper

232 100

131 38.6 30.2 45.2

130 1.7 1.5 2.3

166 28.1 22.2 33.4

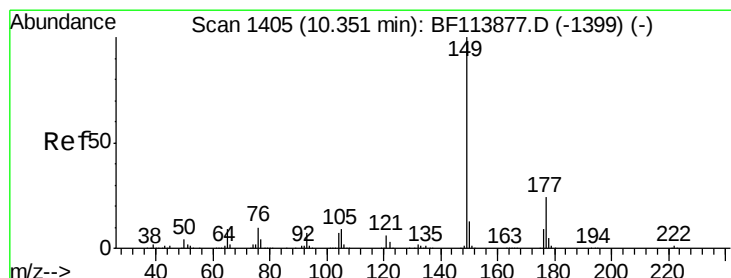
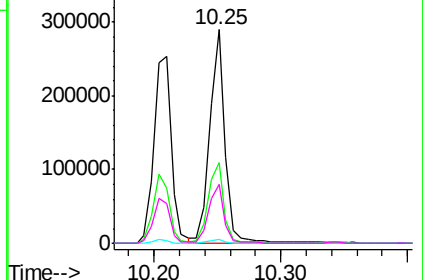
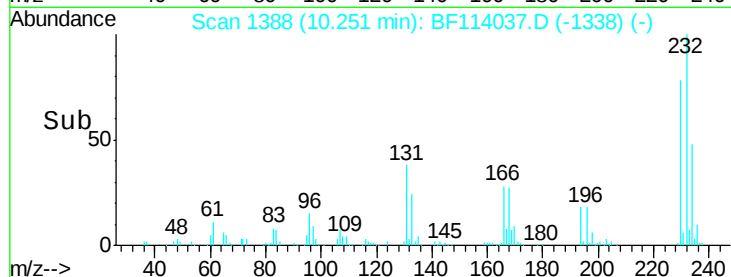


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.980 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

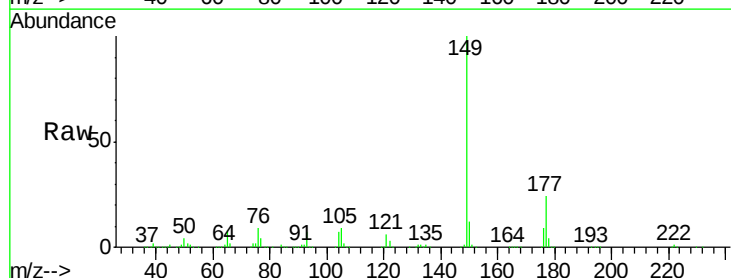
Tgt Ion:149 Resp: 853676

Ion Ratio Lower Upper

149 100

177 23.8 19.2 28.8

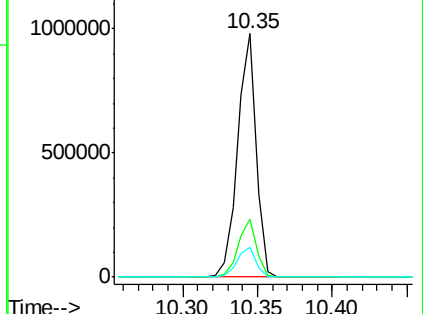
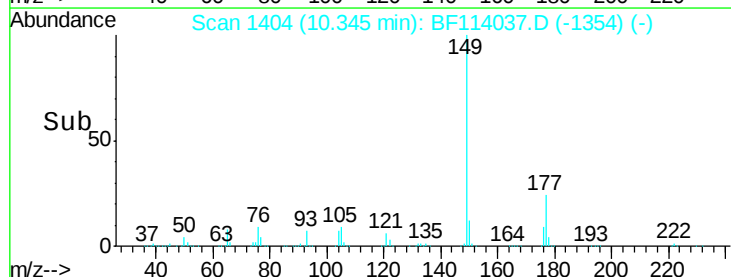
150 12.4 10.3 15.5

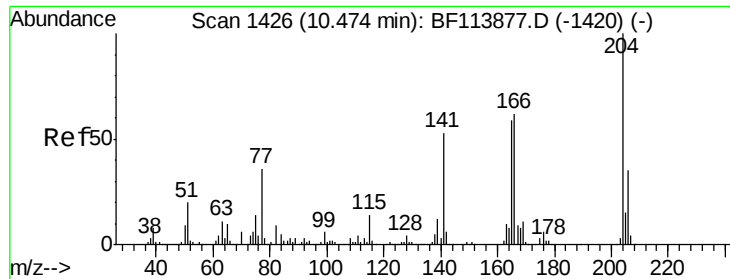


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

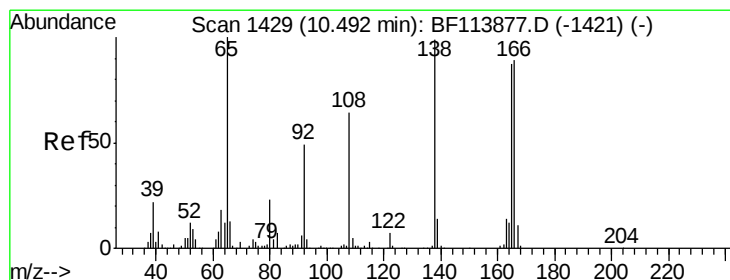
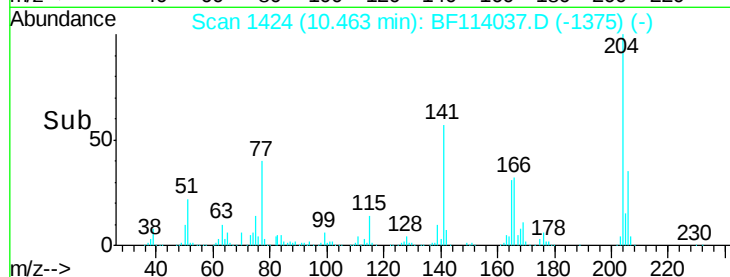
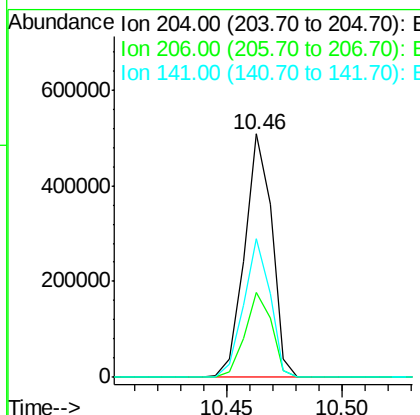
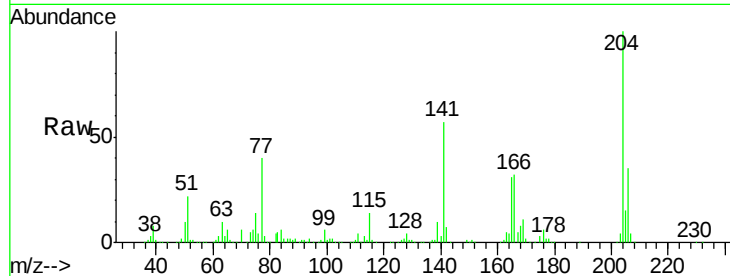




#61
 4-Chlorophenyl-phenylether
 Concen: 40.433 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

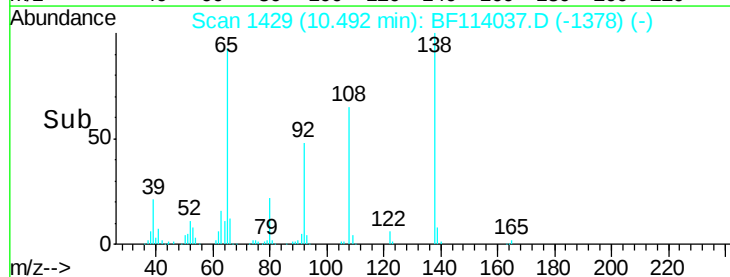
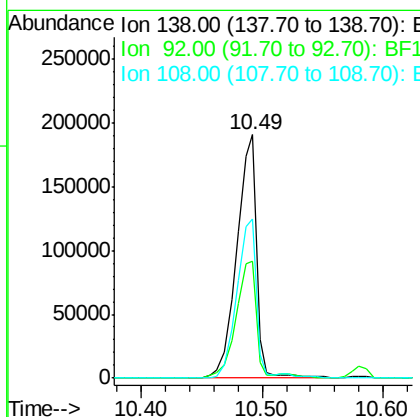
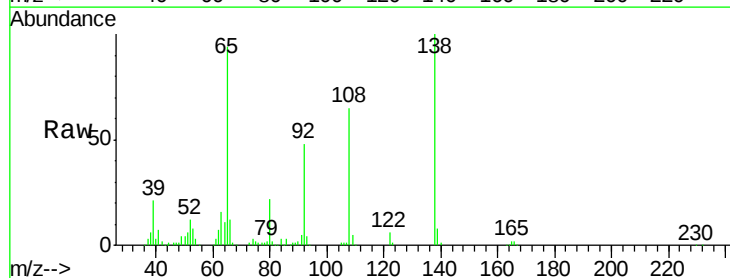
Instrument :
 BNA_F
 ClientSampleId :

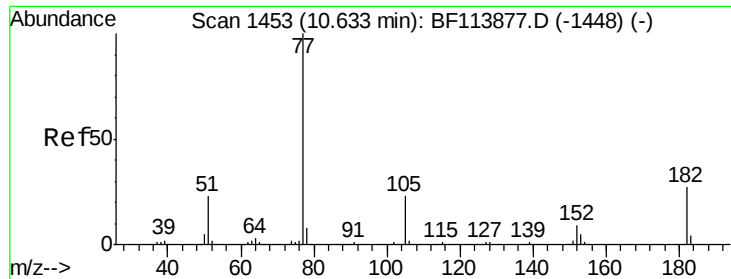
Tot Ion:204 Resp: 421005
 Ion Ratio Lower Upper
 204 100
 206 34.7 27.4 41.2
 141 56.8 42.6 63.8



#62
 4-Nitroaniline
 Concen: 45.411 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion:138 Resp: 219157
 Ion Ratio Lower Upper
 138 100
 92 48.2 31.3 71.3
 108 65.5 48.9 88.9





#63

Azobenzene

Concen: 40.588 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 819451

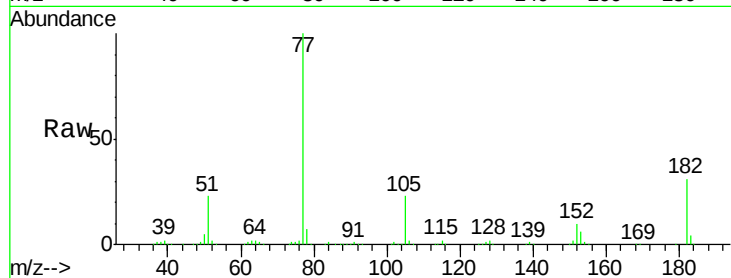
Ion Ratio Lower Upper

77 100

182 30.8 4.4 44.4

105 23.0 2.2 42.2

51 22.6 3.9 43.9

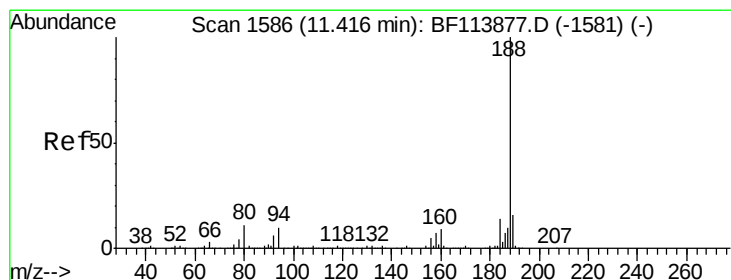
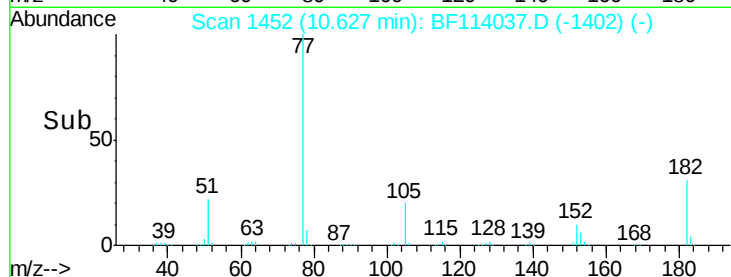
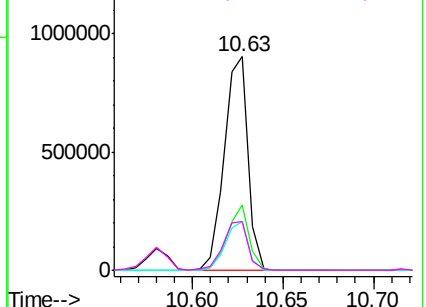


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

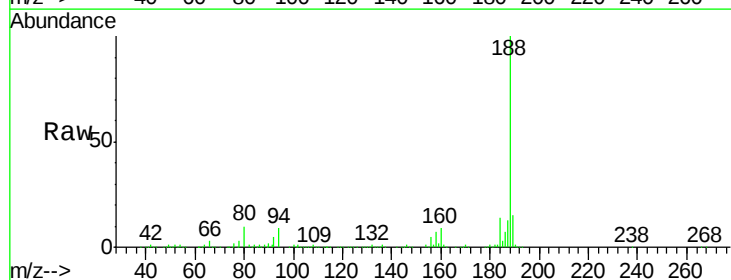
Tgt Ion: 188 Resp: 619876

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

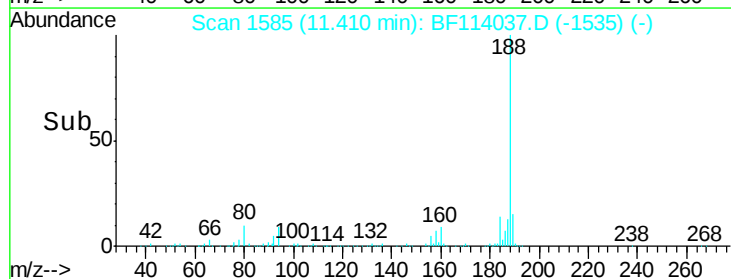
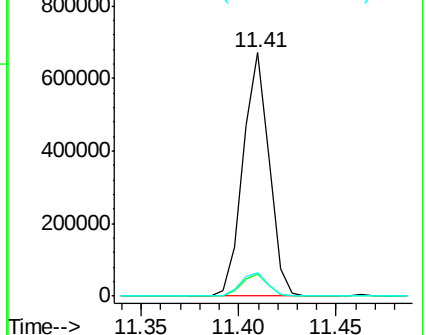
80 9.8 9.0 13.6

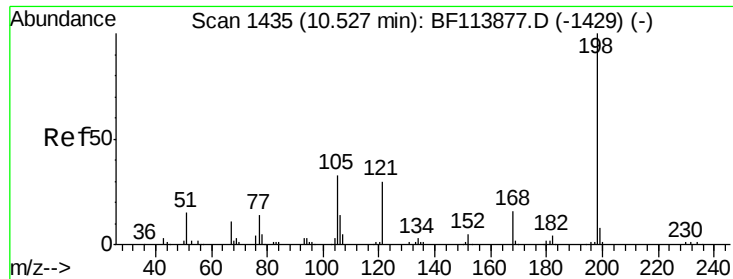


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

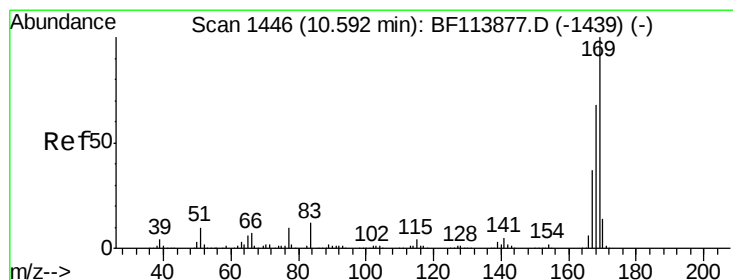
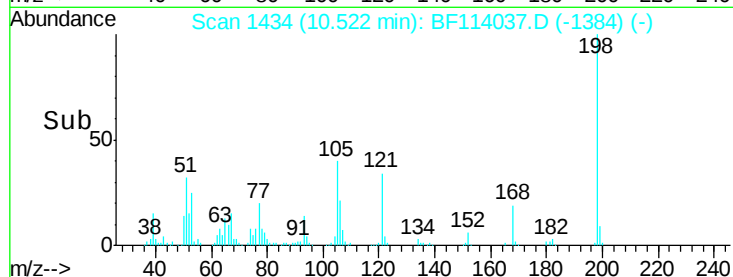
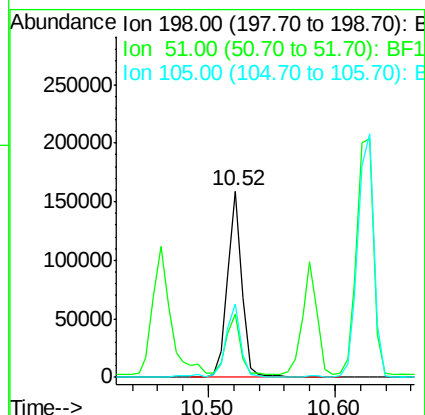
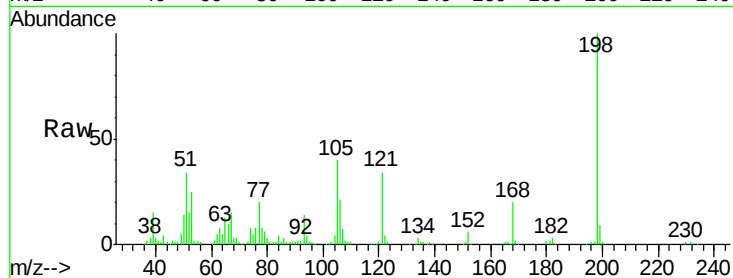




#65
4,6-Dinitro-2-methylphenol
Concen: 44.763 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

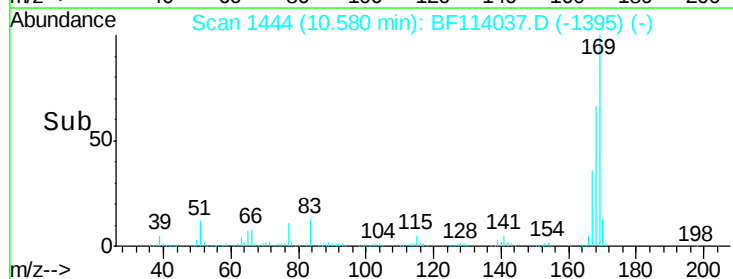
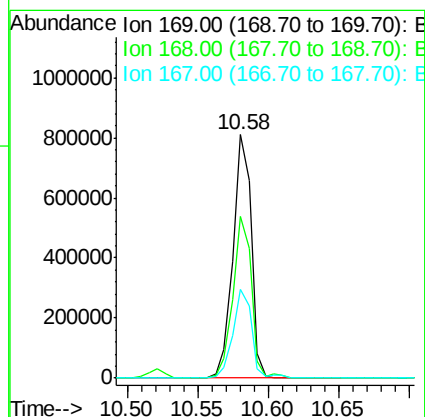
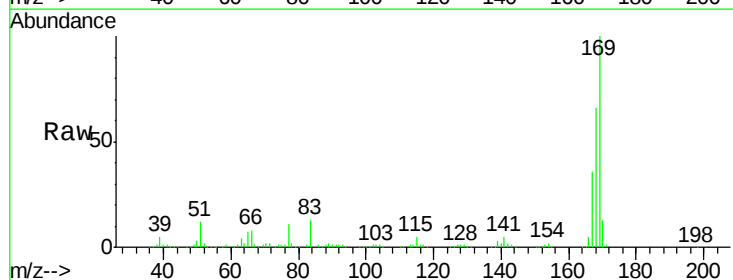
Instrument :
BNA_F
ClientSampled :

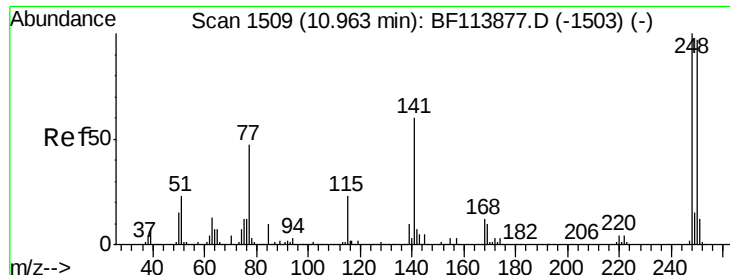
Tot Ion:198 Resp: 125527
Ion Ratio Lower Upper
198 100
51 33.7 11.1 51.1
105 39.6 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 39.137 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:169 Resp: 727933
Ion Ratio Lower Upper
169 100
168 66.4 54.3 81.5
167 36.2 29.4 44.0

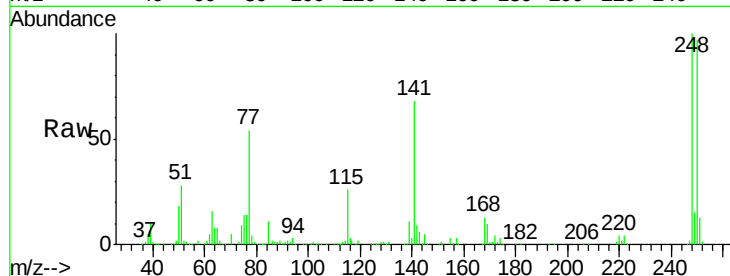




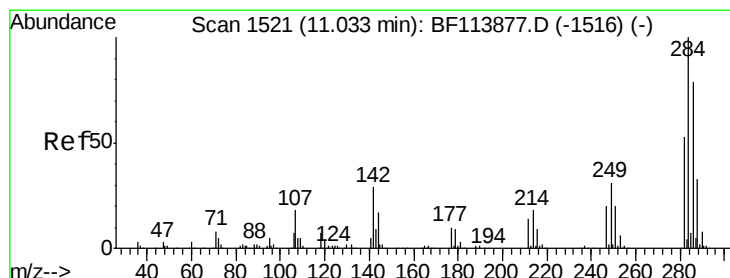
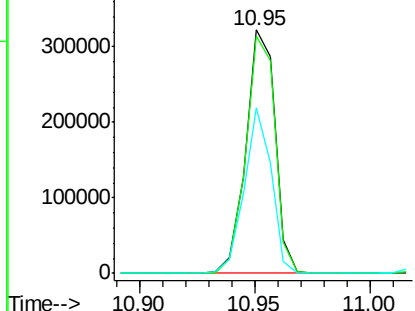
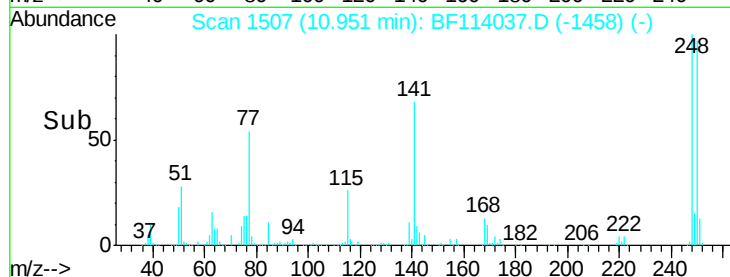
#67
 4-Bromophenyl-phenylether
 Concen: 37.986 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 284451
 Ion Ratio Lower Upper
 248 100
 250 97.3 75.8 113.6
 141 68.1 50.2 75.4

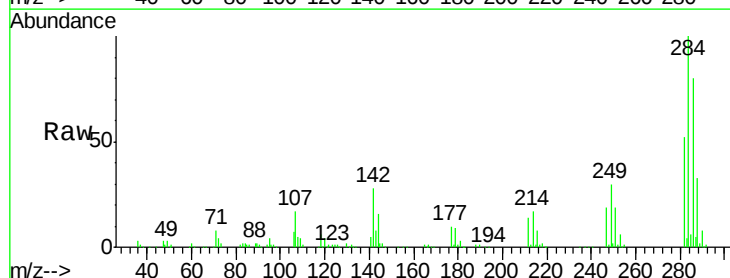


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

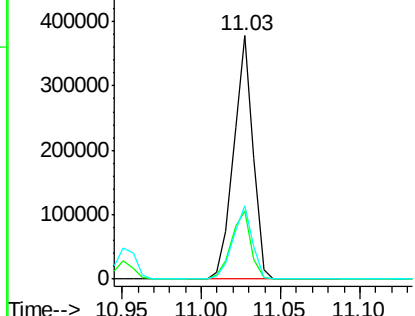
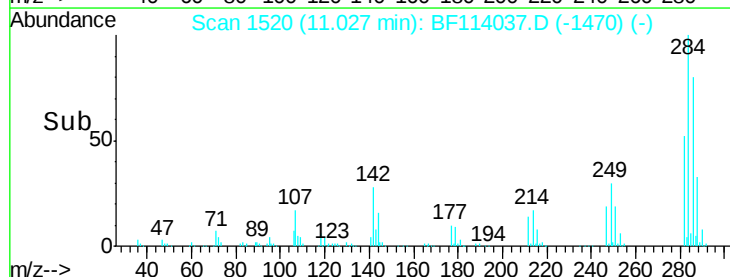


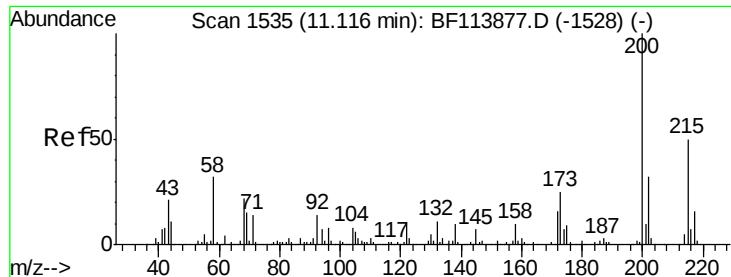
#68
 Hexachlorobenzene
 Concen: 38.738 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion:284 Resp: 318769
 Ion Ratio Lower Upper
 284 100
 142 27.8 23.0 34.4
 249 30.2 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

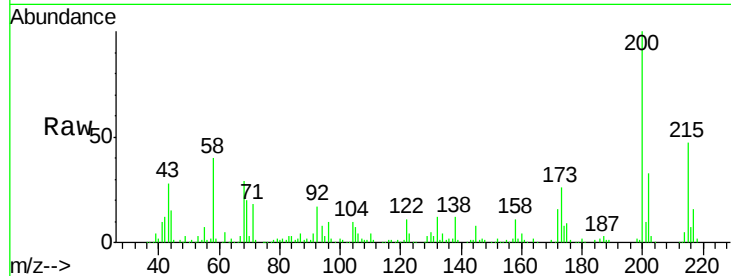




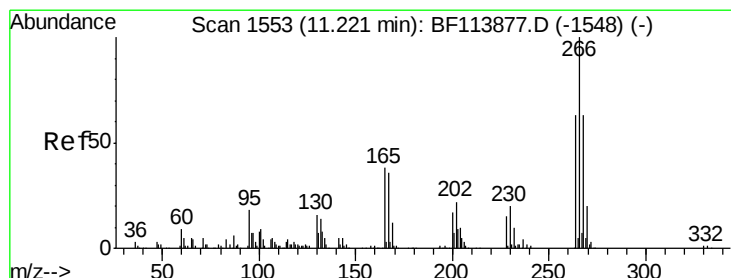
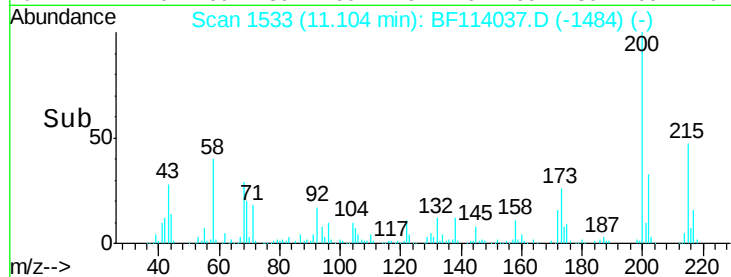
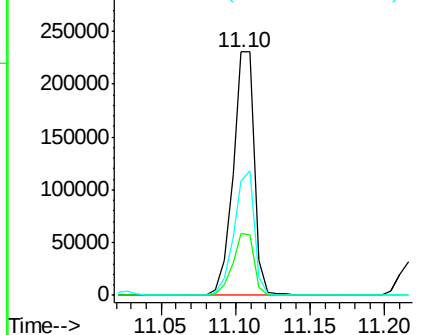
#69
 Atrazine
 Concen: 38.175 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.9	45.9
215	47.1	29.3	69.3

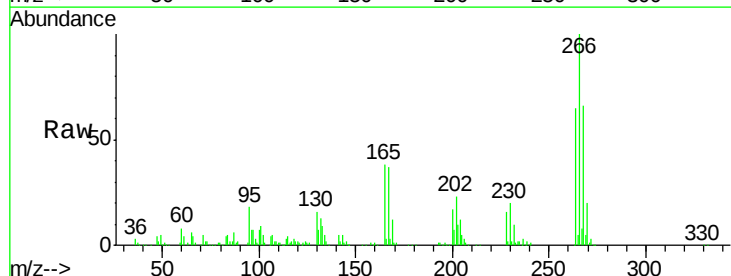


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

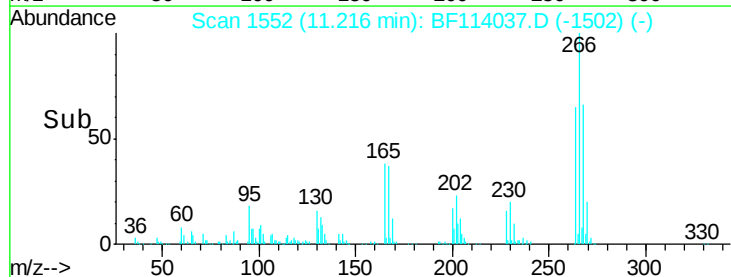
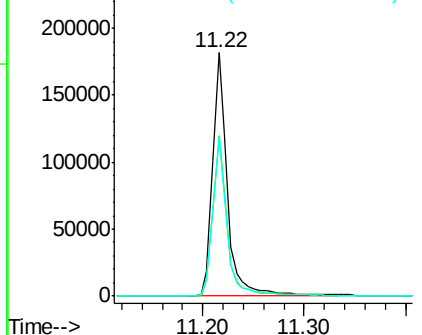


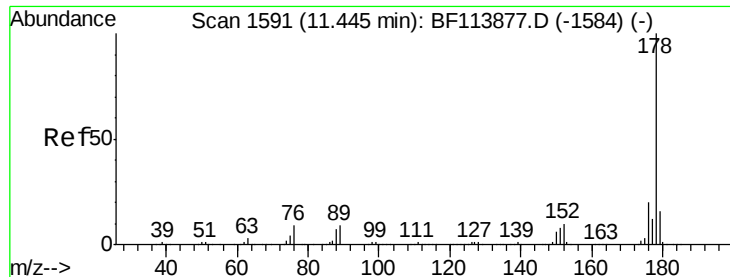
#70
 Pentachlorophenol
 Concen: 39.875 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	53.5	80.3
264	65.2	51.0	76.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.293 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

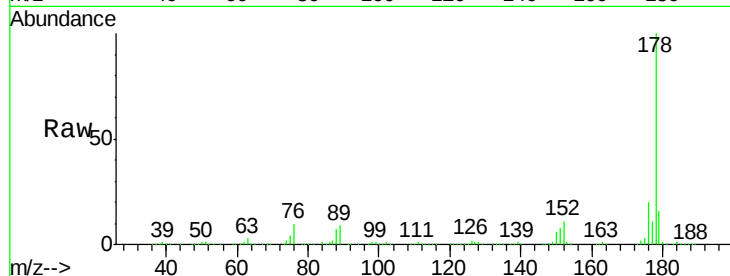
Tot Ion:178 Resp: 1255232

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

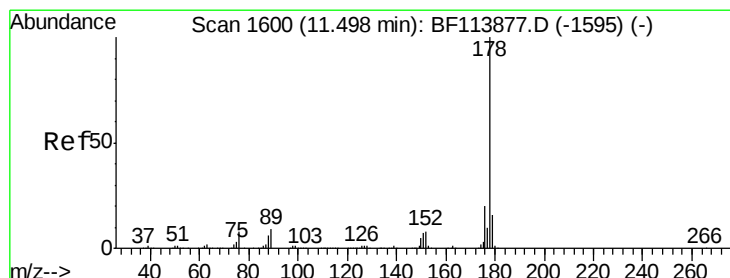
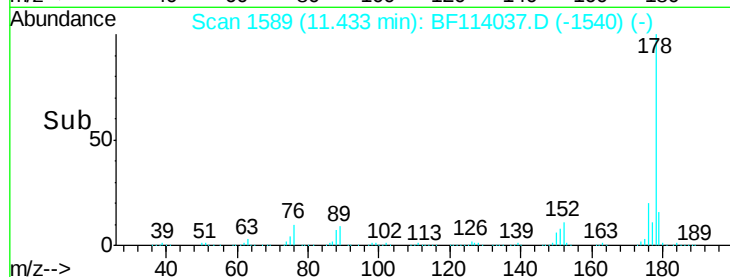
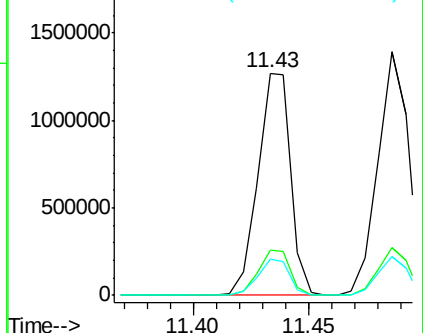
179 16.1 12.8 19.2



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: 40.629 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

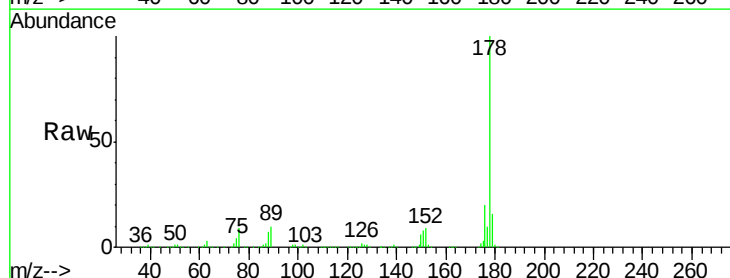
Tgt Ion:178 Resp: 1278123

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

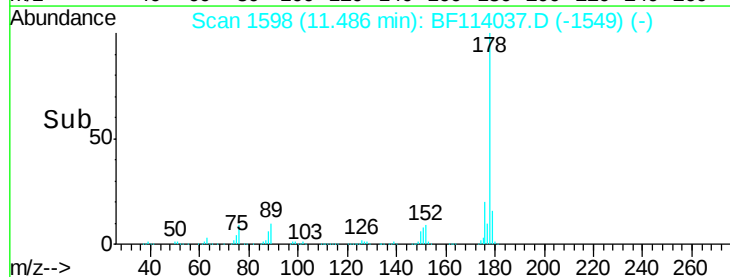
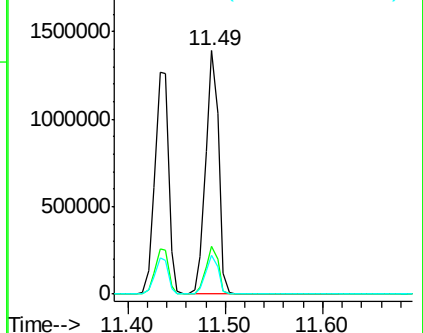
179 15.9 13.0 19.4

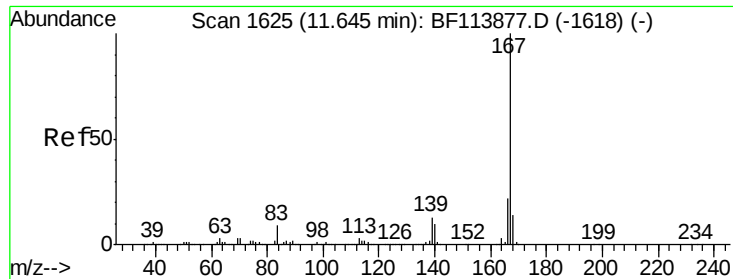


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

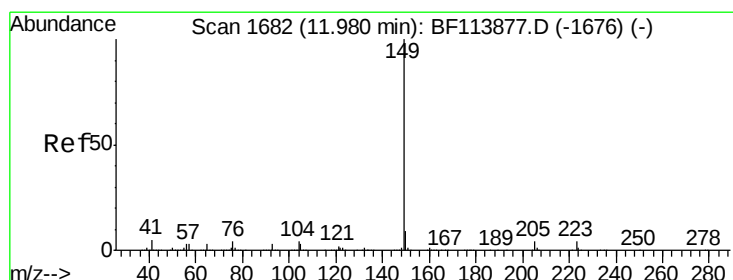
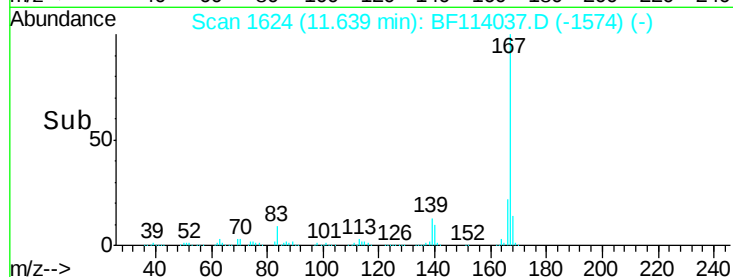
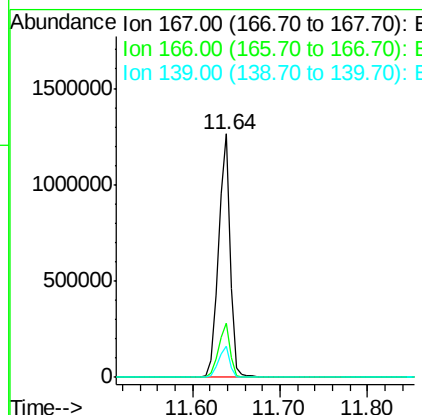
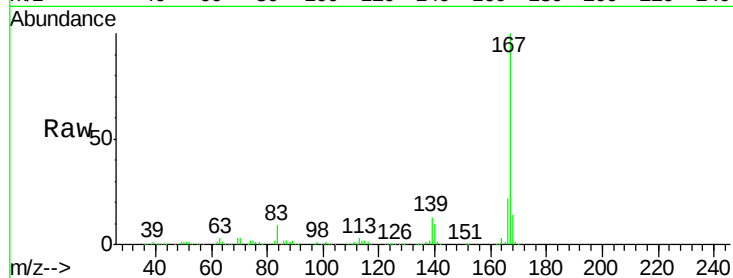




#73
 Carbazole
 Concen: 41.550 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

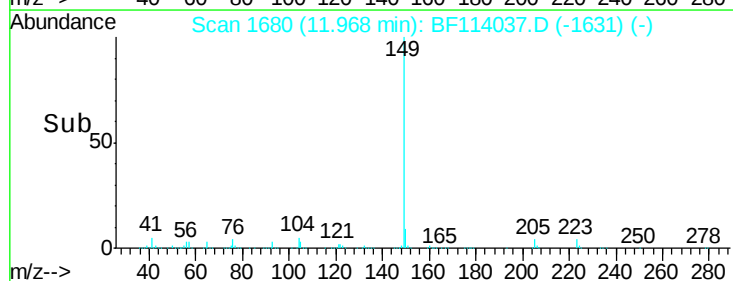
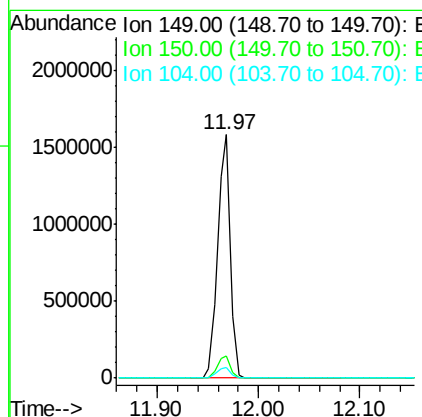
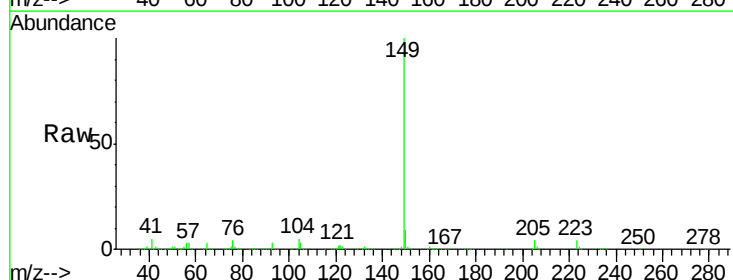
Instrument :
 BNA_F
 ClientSampleId :

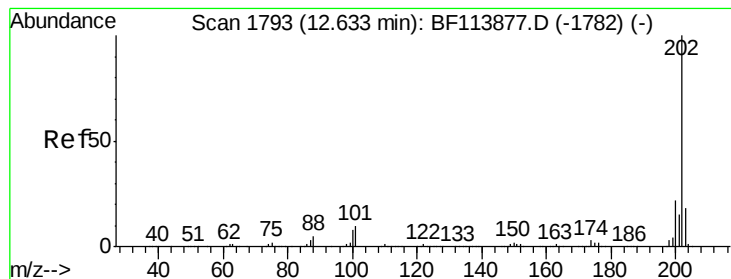
Tot Ion:167 Resp: 1166127
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.393 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion:149 Resp: 1366563
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 40.426 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

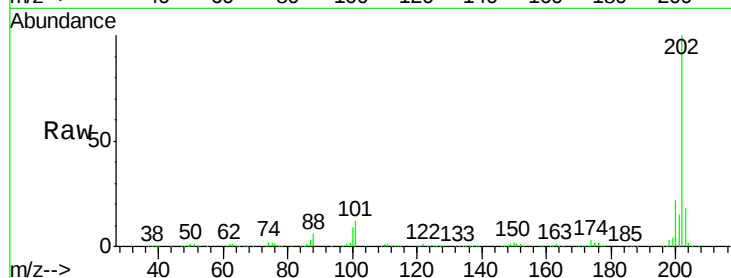
Tot Ion:202 Resp: 1374004

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.9

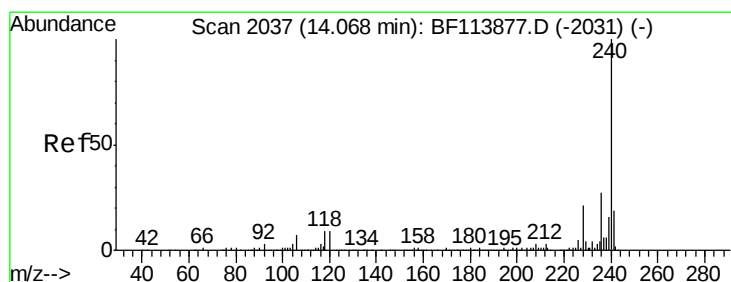
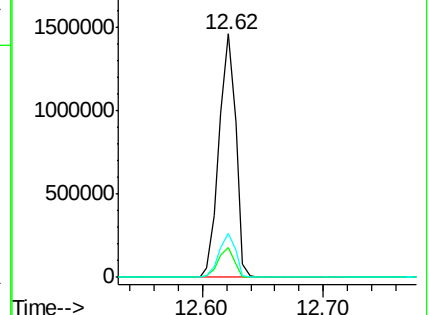
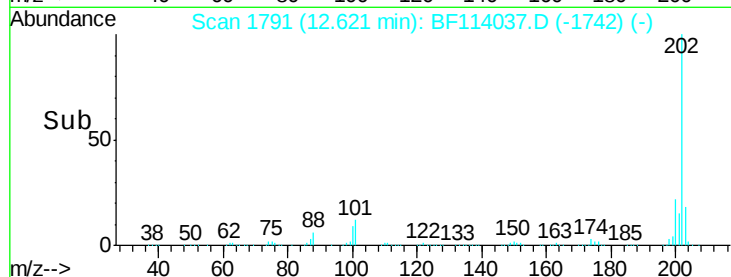
203 18.3 0.0 38.2



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

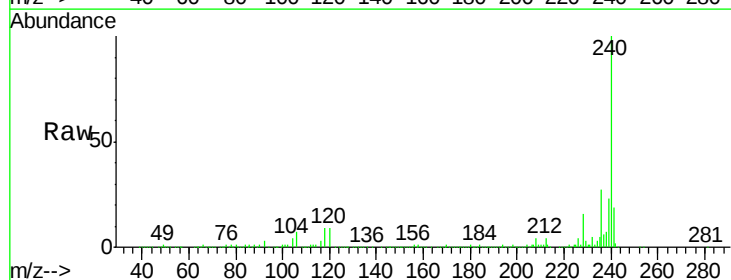
Tgt Ion:240 Resp: 508327

Ion Ratio Lower Upper

240 100

120 9.4 9.3 13.9

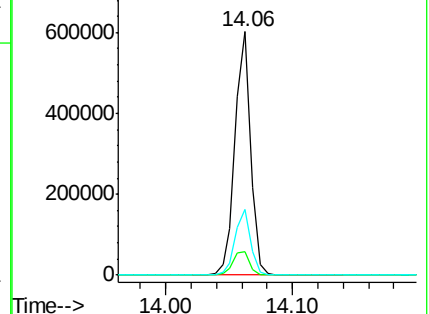
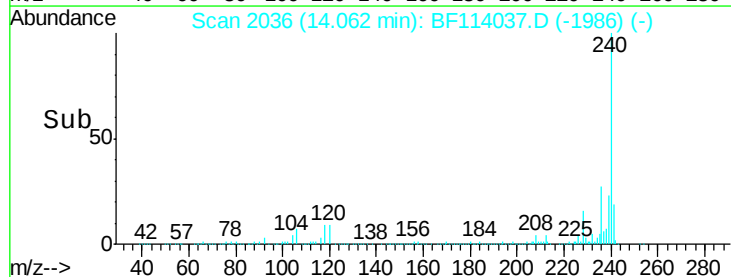
236 26.9 21.2 31.8

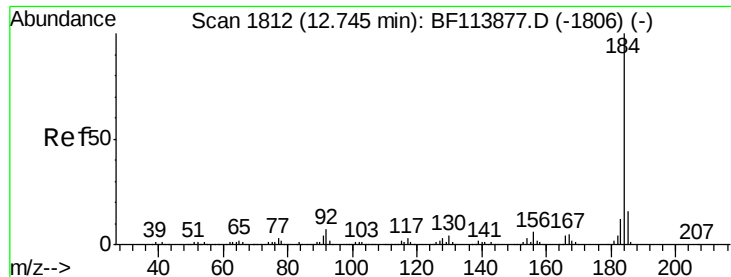


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.201 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

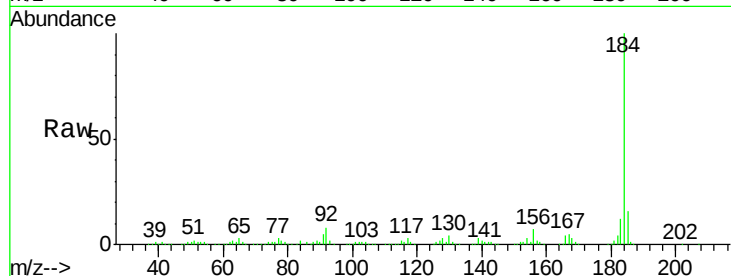
Tot Ion:184 Resp: 563443

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

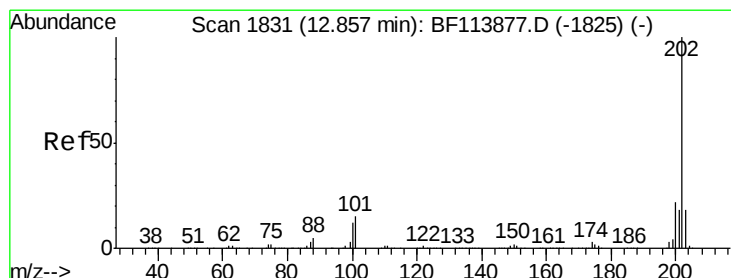
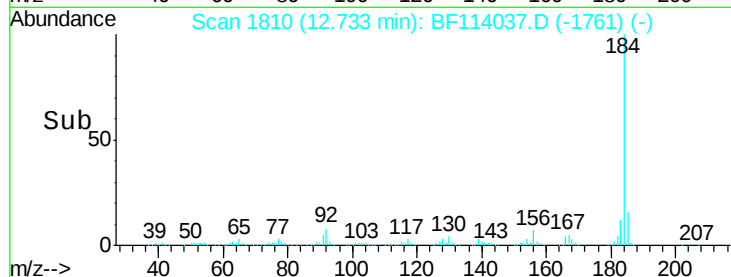
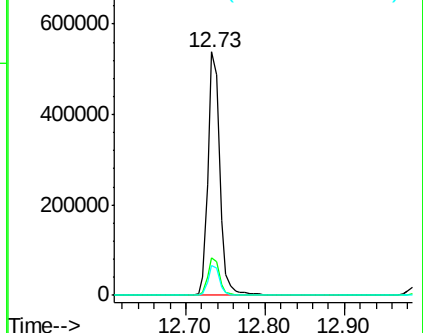
183 12.3 9.4 14.0



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: 39.553 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

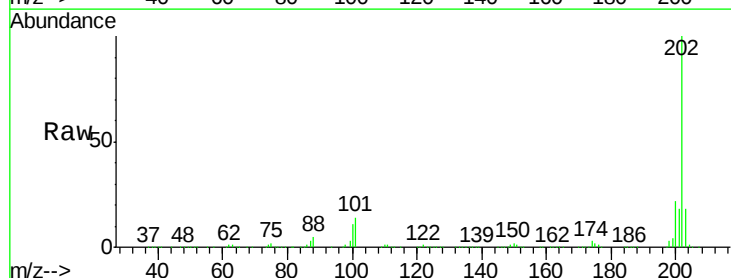
Tgt Ion:202 Resp: 1406026

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

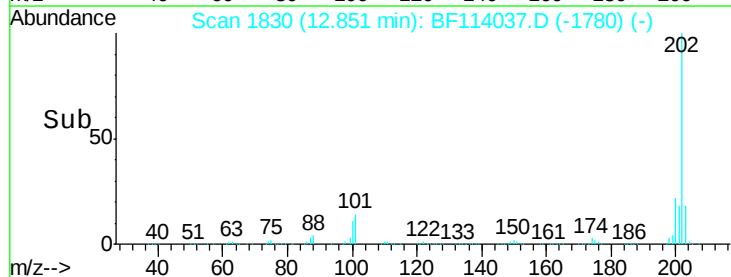
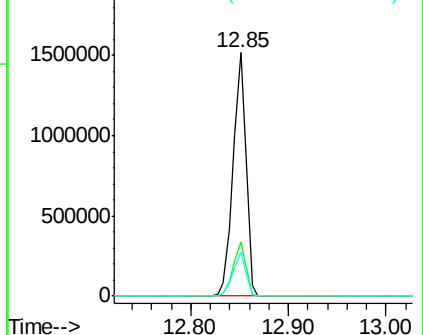
203 18.2 15.0 22.6

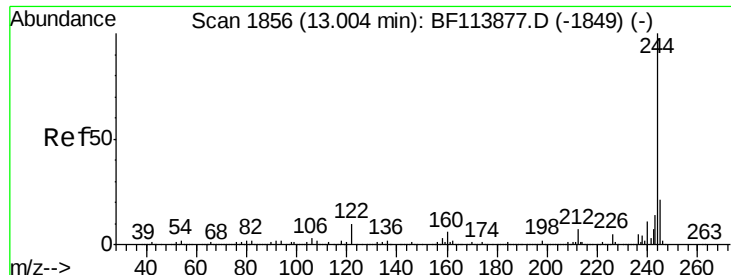


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.352 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

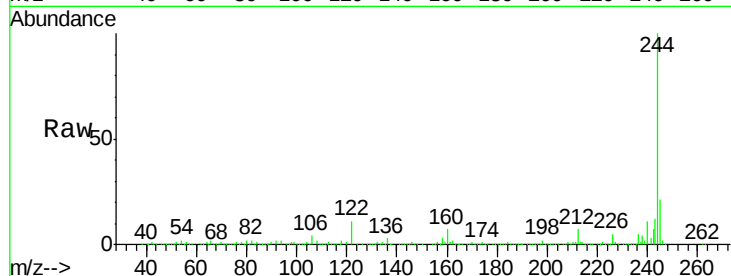
Tot Ion:244 Resp: 1967517

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

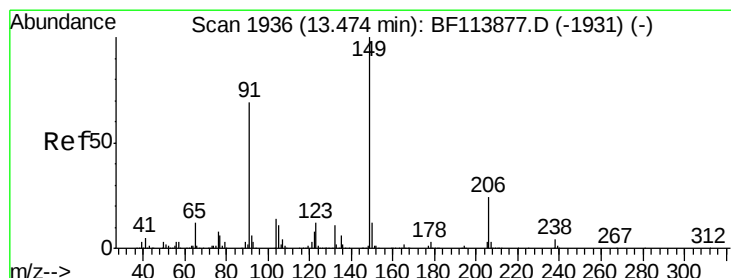
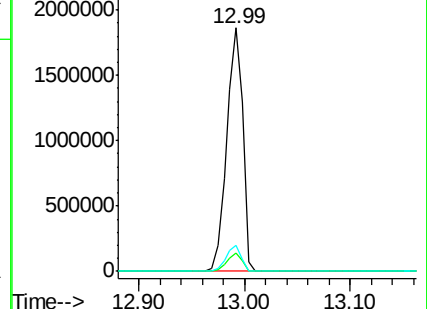
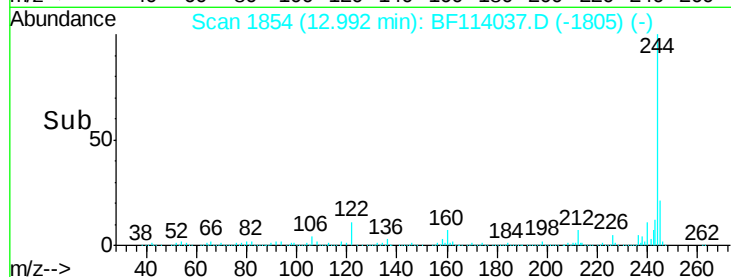
122 10.9 7.6 11.4



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: 42.893 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

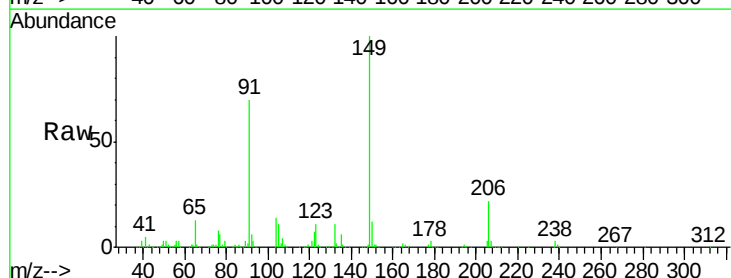
Tgt Ion:149 Resp: 599912

Ion Ratio Lower Upper

149 100

91 70.3 56.3 84.5

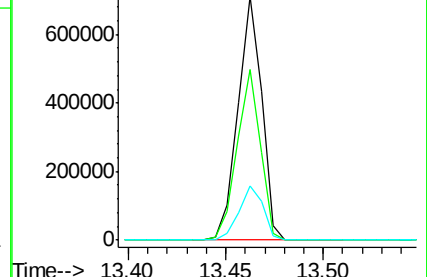
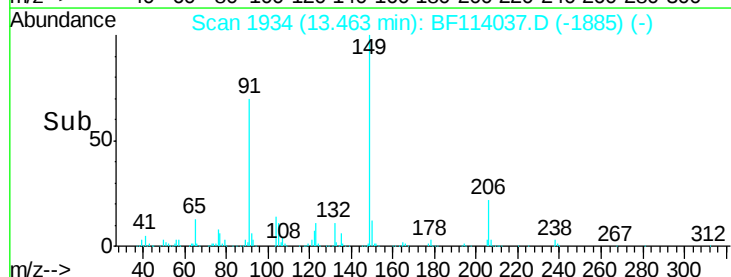
206 22.4 19.0 28.6

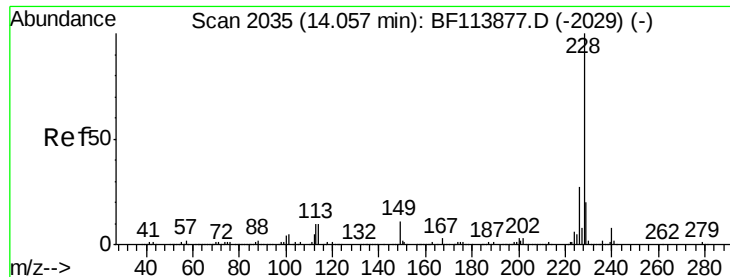


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.447 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

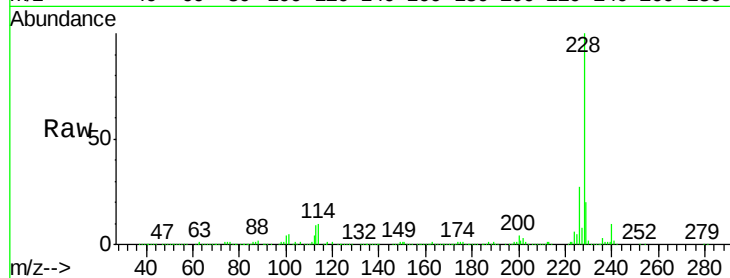
Tot Ion:228 Resp: 1331171

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.8	16.0	24.0

228 100

226 26.9 22.2 33.2

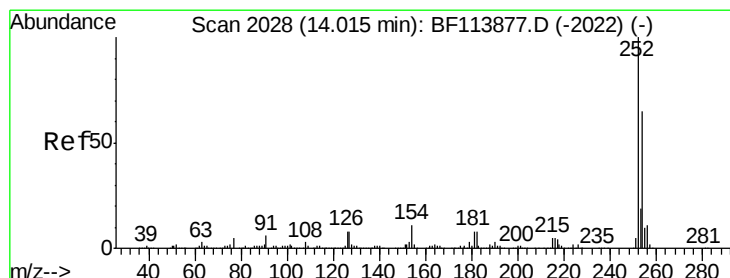
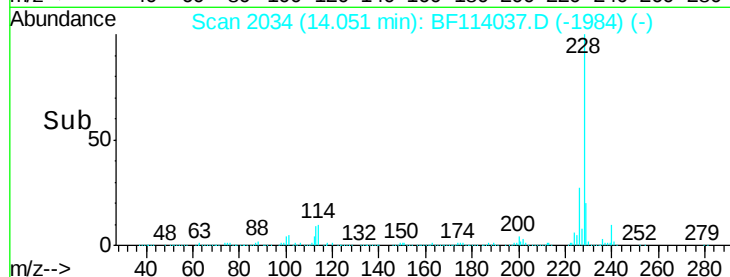
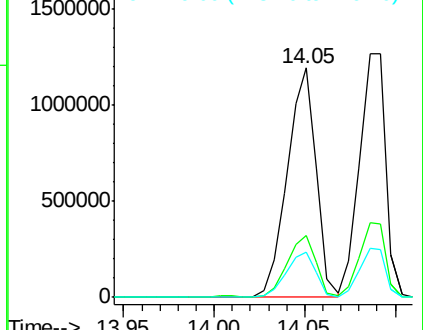
229 19.8 16.0 24.0



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: 46.928 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

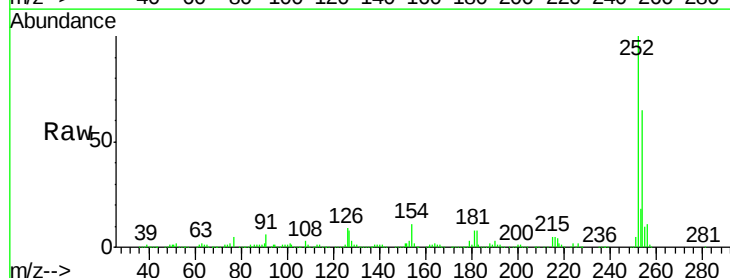
Tgt Ion:252 Resp: 515151

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	8.7	9.3	13.9

252 100

254 65.3 52.1 78.1

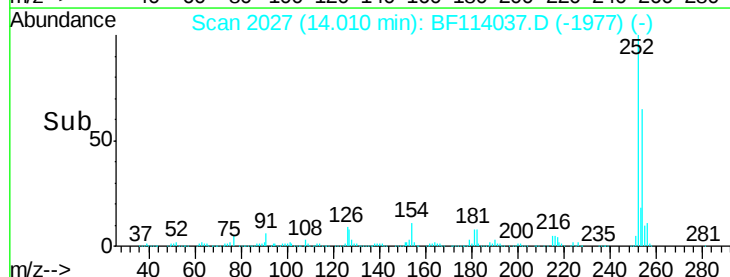
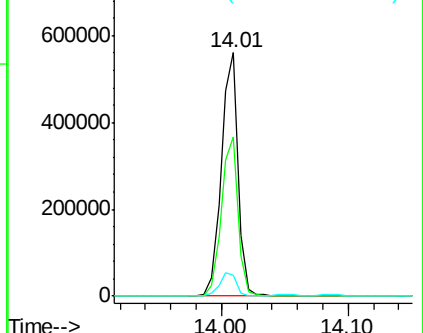
126 8.7 9.3 13.9#

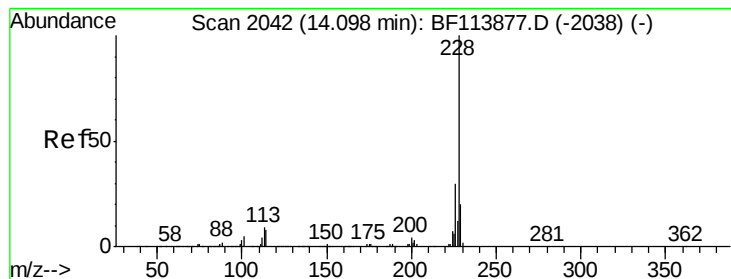


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.011 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

Instrument :

BNA_F

ClientSampleId :

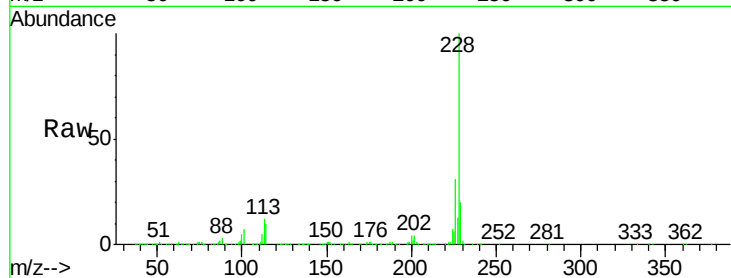
Tot Ion:228 Resp: 1283729

Ion Ratio Lower Upper

228 100

226 30.5 25.2 37.8

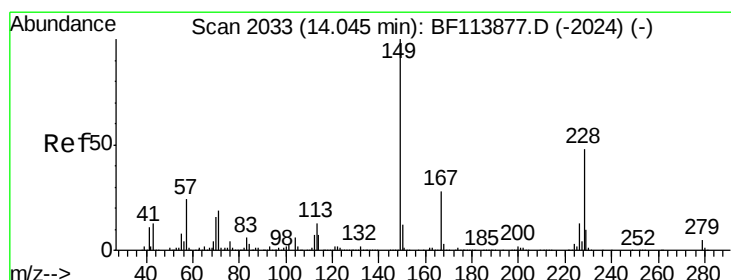
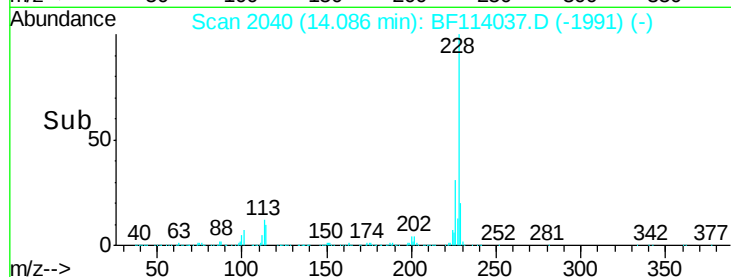
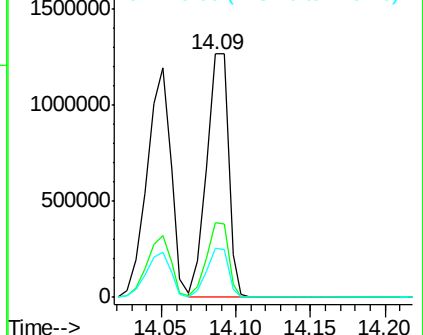
229 20.3 16.7 25.1



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: 45.825 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF114037.D

Acq: 30 Apr 2019 12:55

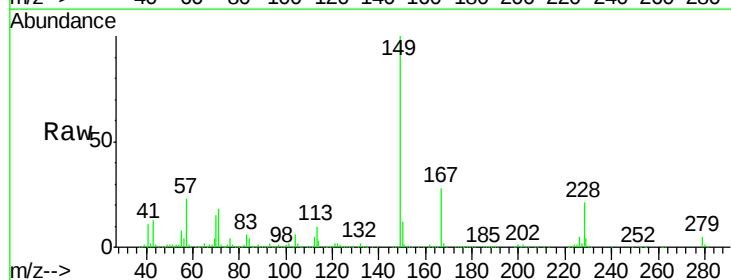
Tgt Ion:149 Resp: 815447

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

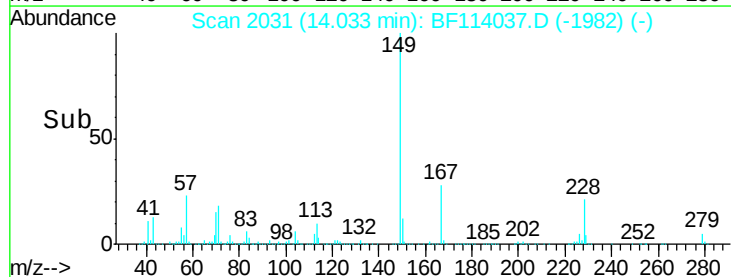
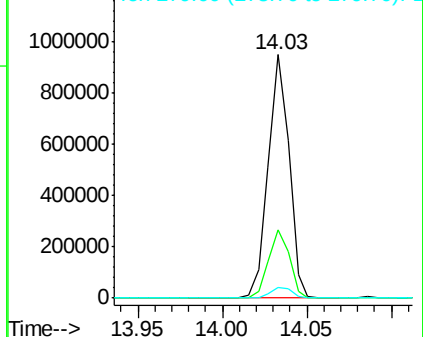
279 4.6 4.2 6.2

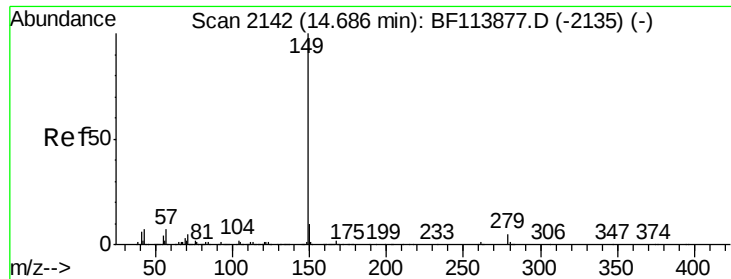


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

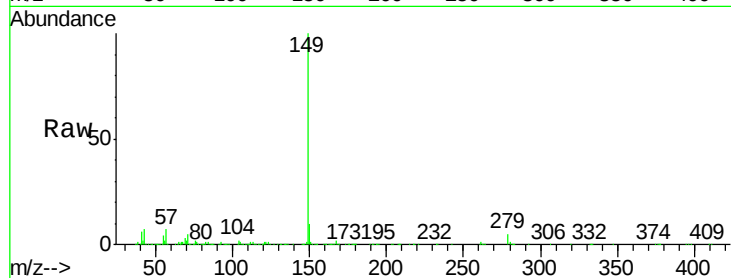




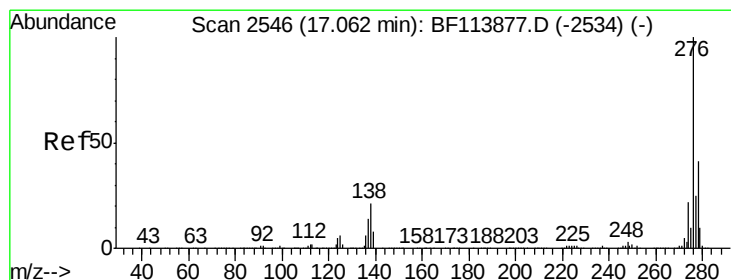
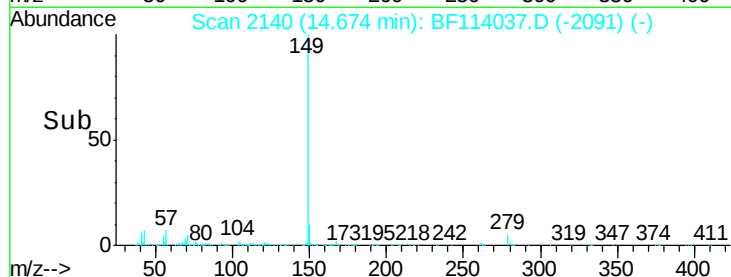
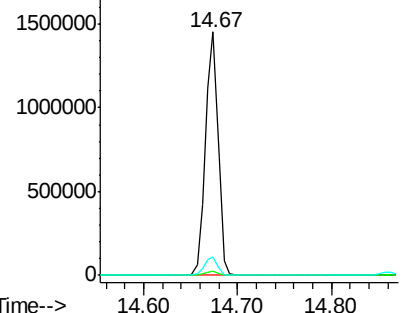
#85
 Di-n-octyl phthalate
 Concen: 49.117 ng
 RT: 14.67 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1368080
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.7 6.6 10.0

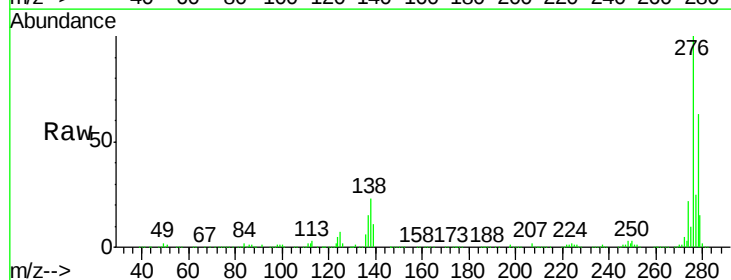


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

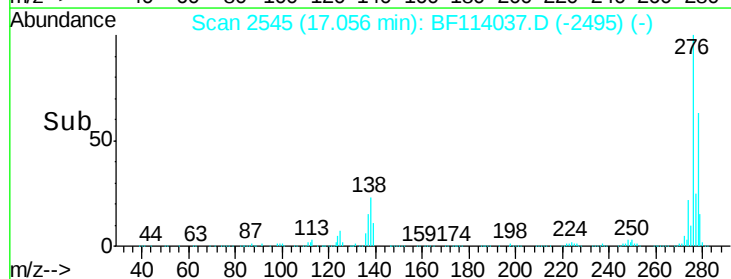
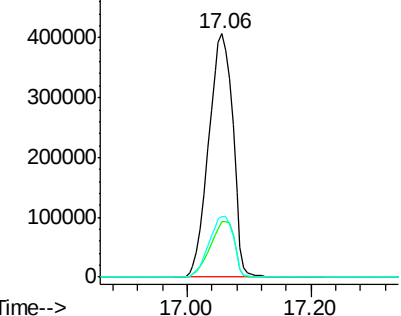


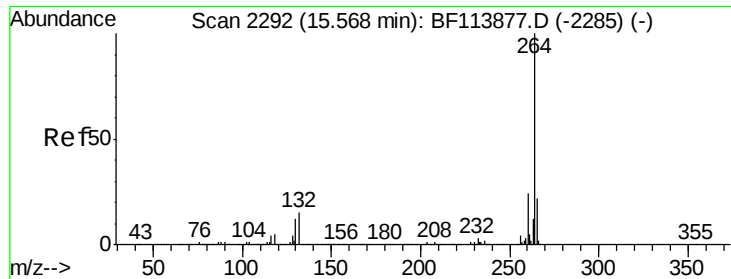
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.021 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BF114037.D
 Acq: 30 Apr 2019 12:55

Tgt Ion:276 Resp: 1105732
 Ion Ratio Lower Upper
 276 100
 138 22.8 19.6 29.4
 277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 500000
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

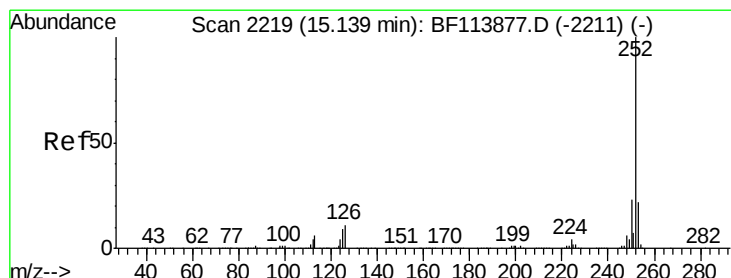
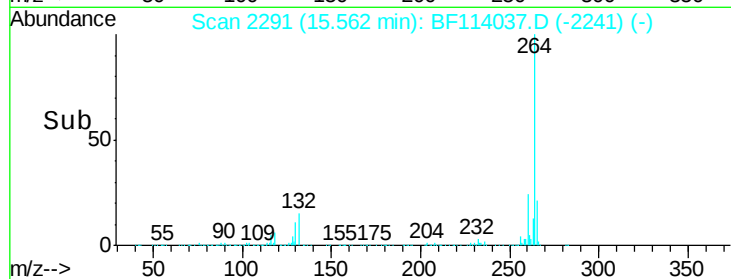
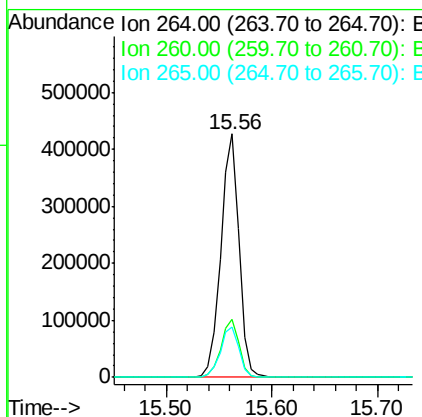
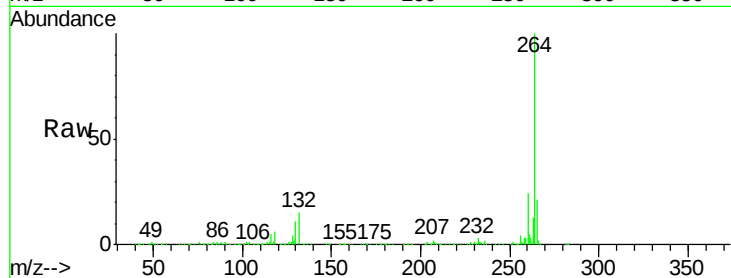




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

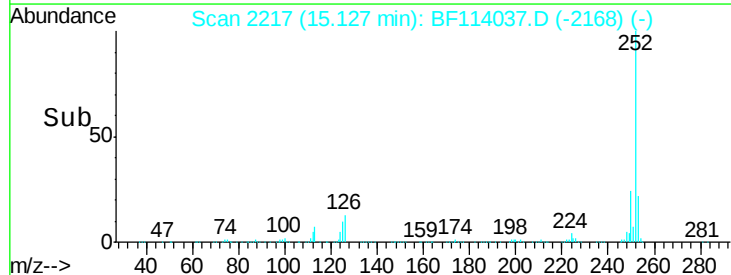
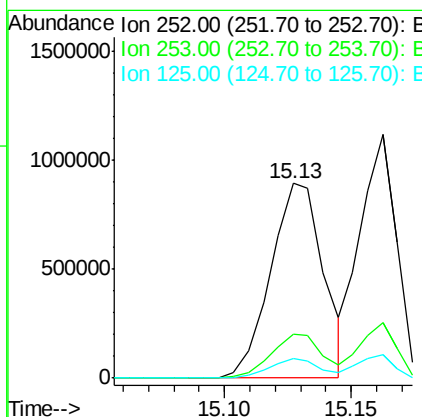
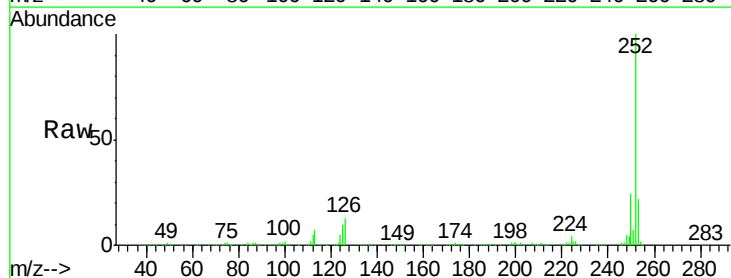
Instrument :
BNA_F
ClientSampleId :

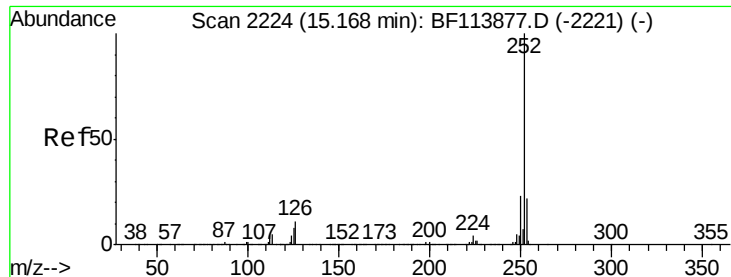
Tot Ion:264 Resp: 513245
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 20.7 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 39.961 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:252 Resp: 1297630
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.0 7.0 10.6

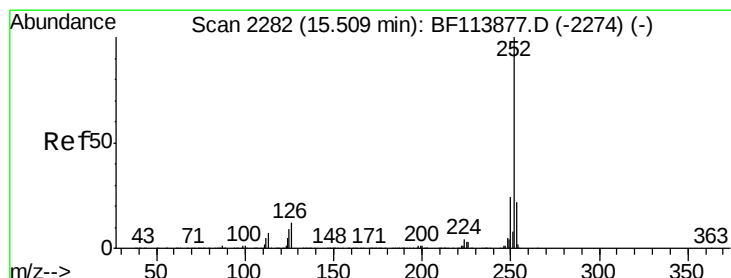
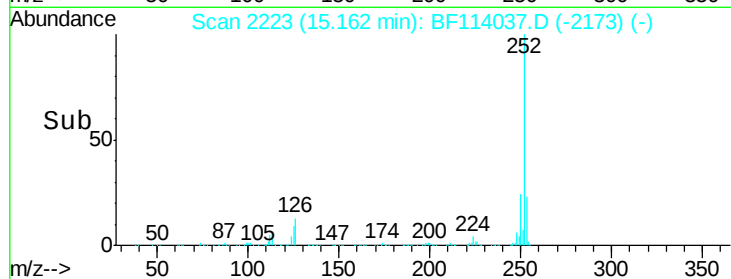
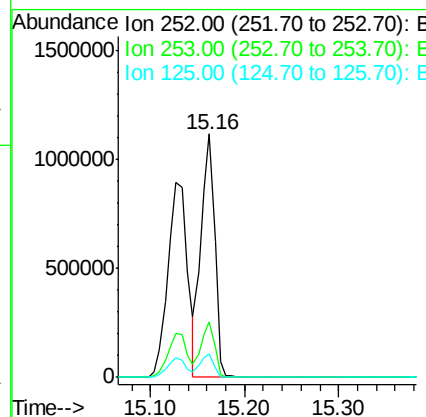
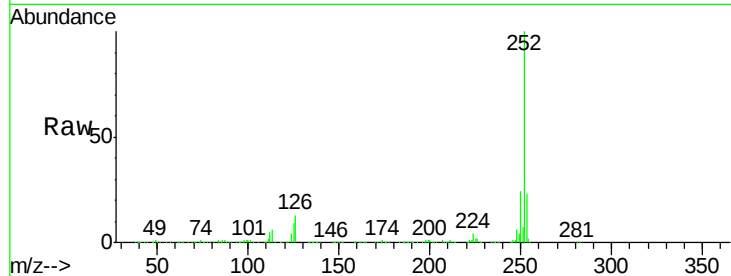




#89
Benzo(k)fluoranthene
Concen: 40.328 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

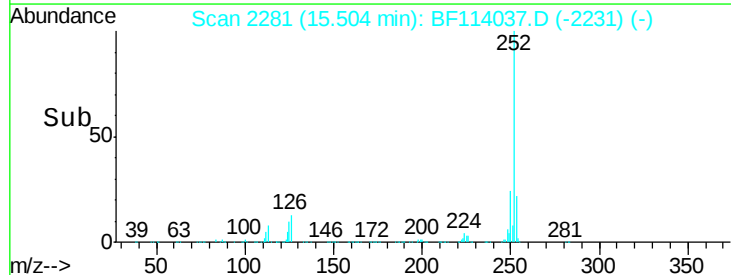
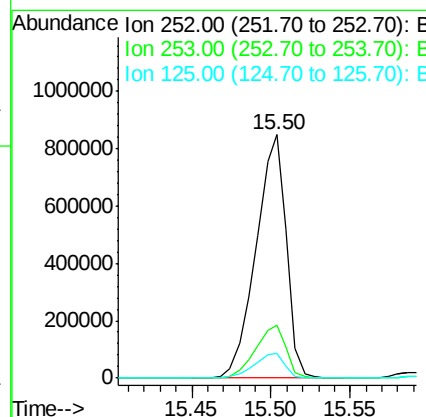
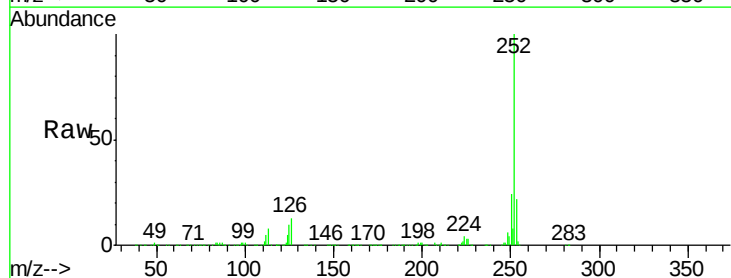
Instrument :
BNA_F
ClientSampled :

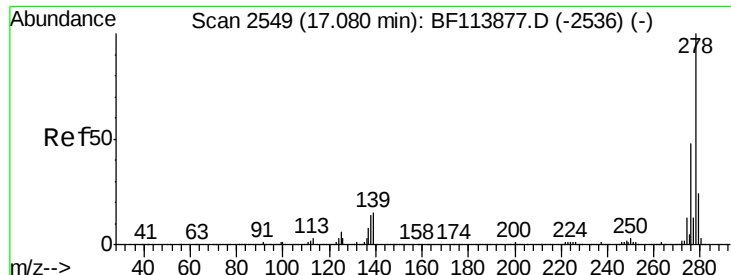
Tot Ion:252 Resp: 1126461
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.220 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion:252 Resp: 1129666
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 8.5 12.7

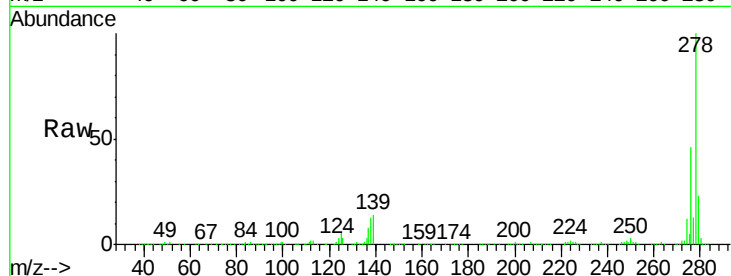




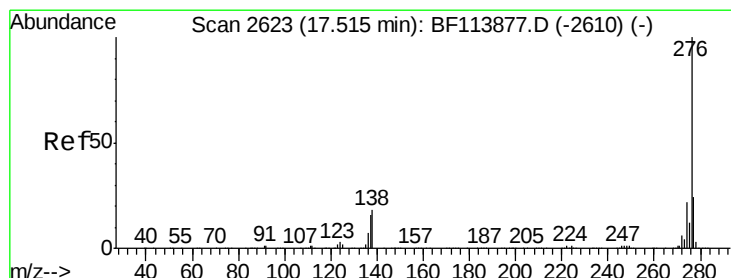
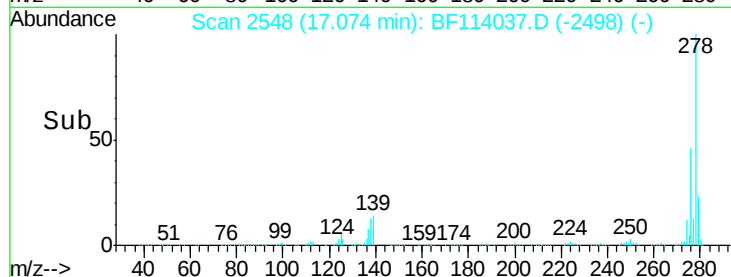
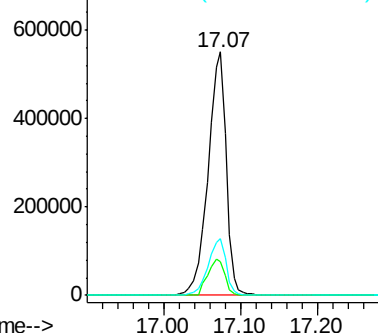
#91
Dibenzo(a,h)anthracene
Concen: 34.579 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	23.5	19.0	28.6

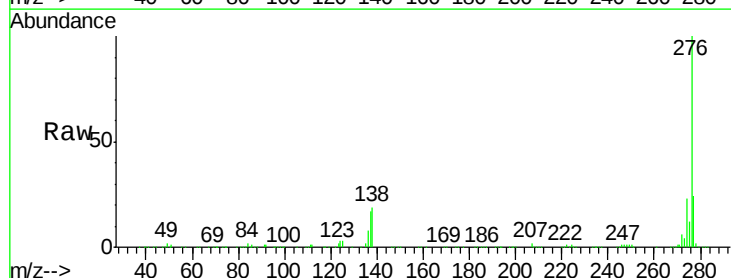


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.574 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF114037.D
Acq: 30 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	19.5	16.6	25.0



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

