

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113625.D
 Acq On : 5 Apr 2019 19:59
 Operator : JU/SJ
 Sample : K2193-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:25:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	112854	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	425509	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	212434	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	436272	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	318854	20.00	ng	-0.02
87) Perylene-d12	15.23	264	305082	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	683595	103.29	ng	0.02
7) Phenol-d6	6.34	99	811301	99.46	ng	0.00
23) Nitrobenzene-d5	7.25	82	576625	79.38	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	304015	119.14	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	1103199	83.60	ng	-0.01
79) Terphenyl-d14	12.77	244	1282223	81.88	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	99676	31.800	ng	# 84
3) Pyridine	3.16	79	212314	25.882	ng	97
4) n-Nitrosodimethylamine	3.05	42	115517	33.144	ng	98
6) Aniline	6.36	93	53908	5.452	ng	# 1
8) 2-Chlorophenol	6.47	128	274483	35.847	ng	99
9) Benzaldehyde	6.23	77	143834	29.656	ng	97
10) Phenol	6.35	94	280218	30.079	ng	# 74
11) bis(2-Chloroethyl)ether	6.42	93	274445	37.871	ng	100
12) 1,3-Dichlorobenzene	6.62	146	283185	34.342	ng	99
13) 1,4-Dichlorobenzene	6.70	146	289745	34.771	ng	99
14) 1,2-Dichlorobenzene	6.86	146	269878	35.881	ng	96
15) Benzyl Alcohol	6.84	79	224900	40.777	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	414583	36.754	ng	61
17) 2-Methylphenol	6.96	107	210425	35.461	ng	95
18) Hexachloroethane	7.19	117	103035	33.971	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	196416	39.050	ng	99
20) 3+4-Methylphenols	7.12	107	282173	39.246	ng	91
22) Acetophenone	7.10	105	389442	41.671	ng	# 96
24) Nitrobenzene	7.27	77	291970	39.028	ng	98
25) Isophorone	7.51	82	539827	38.576	ng	98
26) 2-Nitrophenol	7.59	139	153105	38.026	ng	94
27) 2,4-Dimethylphenol	7.63	122	250069	43.444	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	342799	38.747	ng	99
29) 2,4-Dichlorophenol	7.84	162	247484	40.185	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	256026	38.281	ng	97
31) Naphthalene	7.99	128	816113	39.585	ng	99
32) Benzoic acid	7.77	122	81211	18.220	ng	98
33) 4-Chloroaniline	8.05	127	29053	3.554	ng	98
34) Hexachlorobutadiene	8.10	225	148921	36.523	ng	99
35) Caprolactam	8.42	113	29987	15.339	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	244131	39.489	ng	96
37) 2-Methylnaphthalene	8.67	142	559039	41.228	ng	99
38) 1-Methylnaphthalene	8.77	142	525434	40.186	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	266536	38.795	ng	99

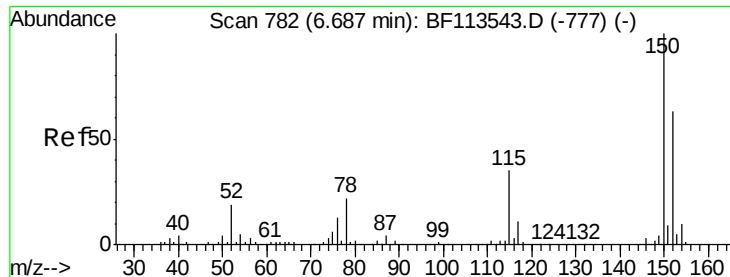
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	142632	62.802	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	175014	40.356	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	185145	39.766	ng	97
46) 1,1'-Biphenyl	9.14	154	695080	39.651	ng	99
47) 2-Chloronaphthalene	9.16	162	520705	39.232	ng	99
48) 2-Nitroaniline	9.27	65	158625	39.058	ng	94
49) Acenaphthylene	9.57	152	847872	39.285	ng	99
50) Dimethylphthalate	9.44	163	621383	39.682	ng	99
51) 2,6-Dinitrotoluene	9.51	165	137920	39.957	ng	93
52) Acenaphthene	9.75	154	493350	39.933	ng	100
53) 3-Nitroaniline	9.68	138	27115	6.909	ng	94
54) 2,4-Dinitrophenol	9.80	184	58215	36.049	ng	# 88
55) Dibenzofuran	9.92	168	734977	40.556	ng	98
56) 4-Nitrophenol	9.86	139	136326	55.999	ng	90
57) 2,4-Dinitrotoluene	9.92	165	175032	41.928	ng	96
58) Fluorene	10.26	166	588006	41.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	155954	38.698	ng	98
60) Diethylphthalate	10.14	149	628477	41.627	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	294891	41.827	ng	96
62) 4-Nitroaniline	10.29	138	140800	35.282	ng	99
63) Azobenzene	10.42	77	573009	40.084	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	51314	22.342	ng	97
66) n-Nitrosodiphenylamine	10.37	169	532845	39.784	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	191439	39.125	ng	97
68) Hexachlorobenzene	10.82	284	218120	38.905	ng	98
69) Atrazine	10.90	200	168439	39.900	ng	96
70) Pentachlorophenol	11.02	266	157391	59.576	ng	99
71) Phenanthrene	11.22	178	867382	40.011	ng	99
72) Anthracene	11.27	178	908859	41.206	ng	100
73) Carbazole	11.43	167	834294	40.443	ng	99
74) Di-n-butylphthalate	11.76	149	1020253	41.575	ng	99
75) Fluoranthene	12.40	202	949322	40.866	ng	100
78) Pyrene	12.63	202	949192	39.124	ng	99
80) Butylbenzylphthalate	13.24	149	418189	42.345	ng	96
81) Benzo(a)anthracene	13.82	228	704440	38.299	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	51770	7.308	ng	99
83) Chrysene	13.85	228	721811	38.712	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	546344	45.756	ng	99
85) Di-n-octyl phthalate	14.41	149	869177	44.782	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	815283	47.359	ng	99
88) Benzo(b)fluoranthene	14.83	252	703707	37.682	ng	99
89) Benzo(k)fluoranthene	14.86	252	655411	39.105	ng	99
90) Benzo(a)pyrene	15.17	252	675633	40.714	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	688914	44.394	ng	99
92) Benzo(g,h,i)perylene	16.99	276	708398	44.724	ng	100

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

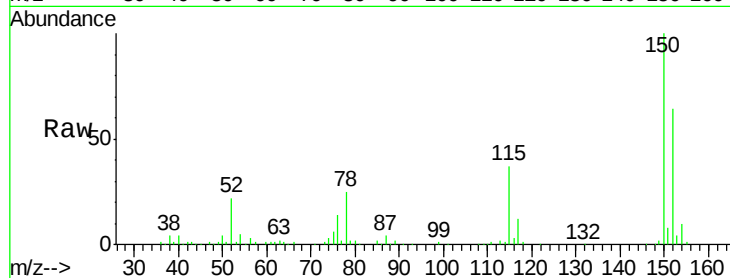


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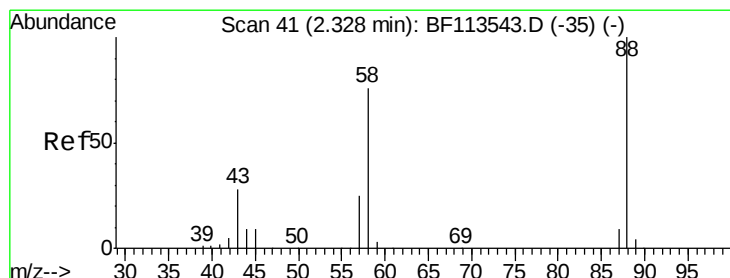
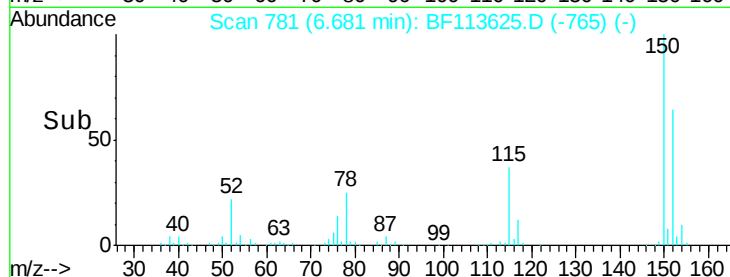
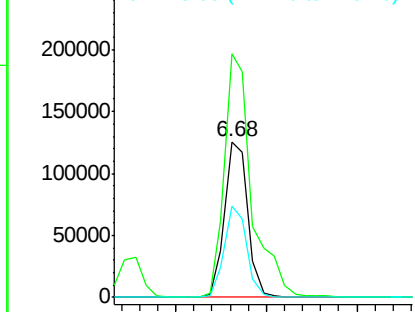
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112854
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 58.4 46.0 69.0



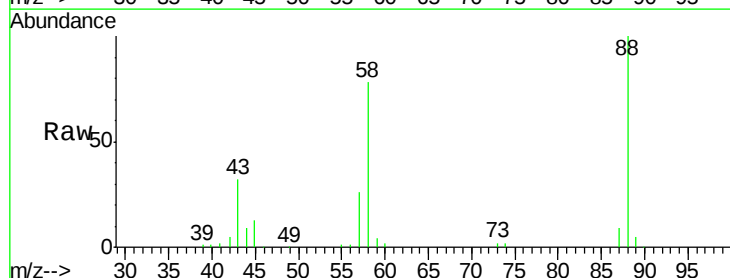
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



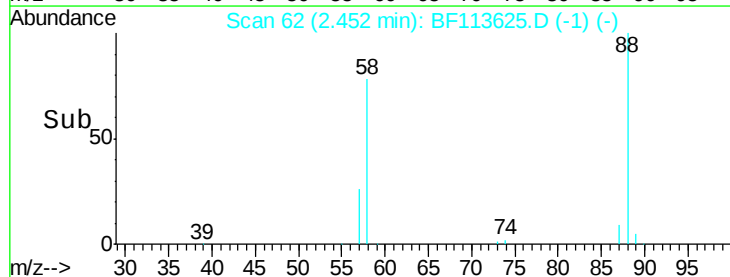
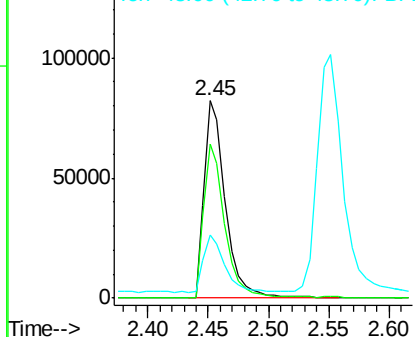
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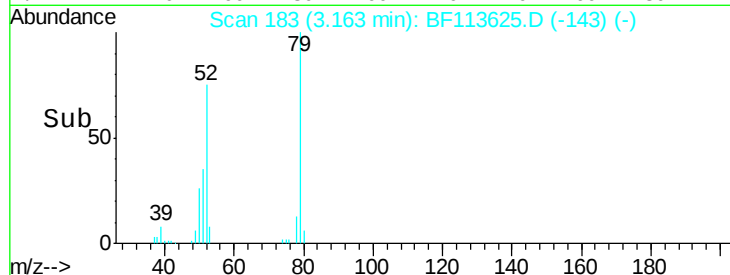
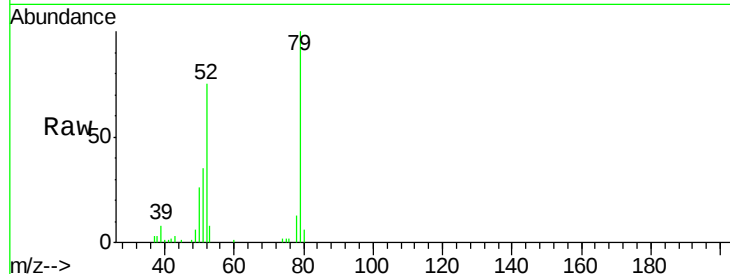
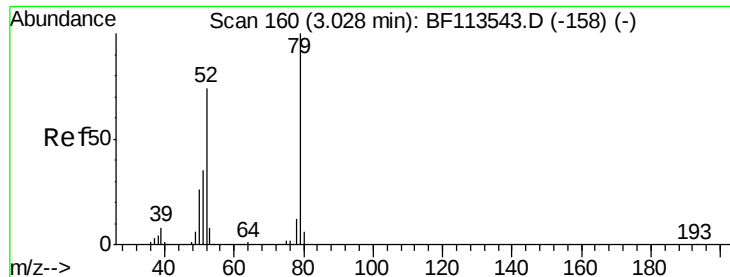
1,4-Dioxane
Concen: 31.800 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.12 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion: 88 Resp: 99676
Ion Ratio Lower Upper
88 100
58 77.9 61.9 92.9
43 0.0 24.2 36.4#



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

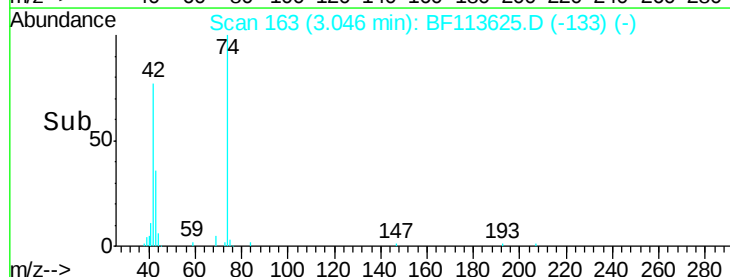
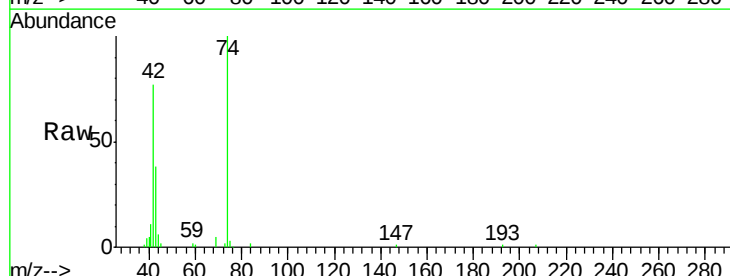
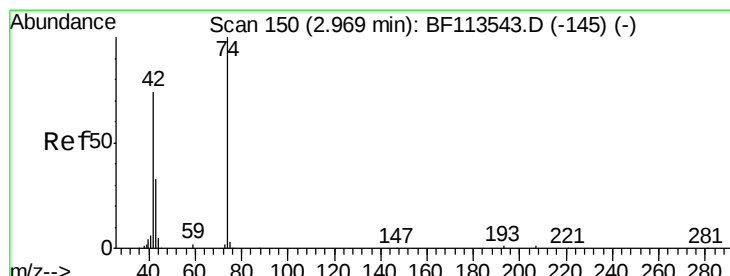
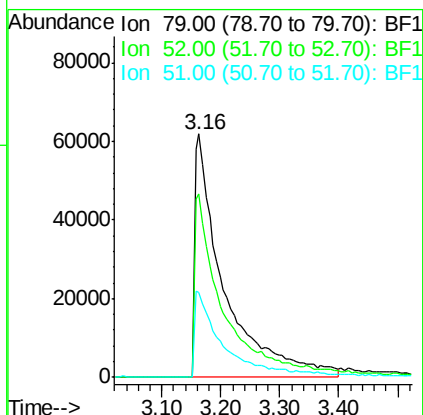




#3
 Pvridine
 Concen: 25.882 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.14 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

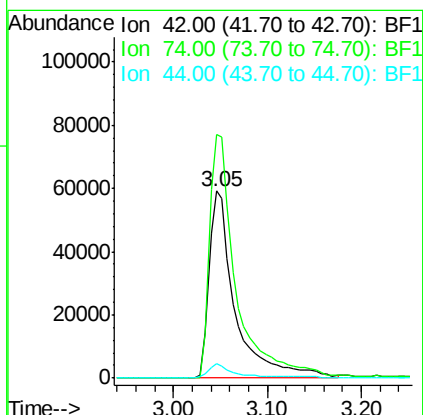
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.3	61.0	91.4
51	34.7	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 33.144 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.08 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.4	102.4	153.6
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 103.292 ng

RT: 5.32 min Scan# 549

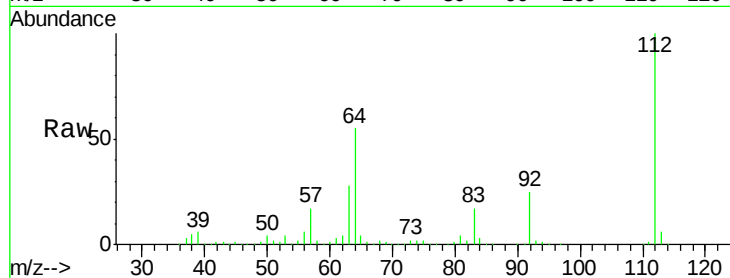
Delta R.T. 0.02 min

Lab File: BF113625.D

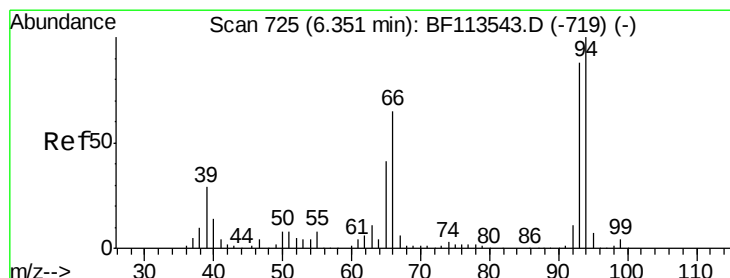
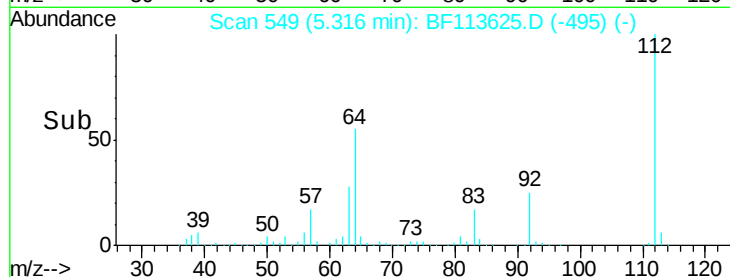
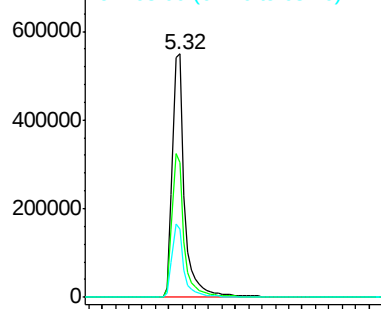
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	683595
Ion	Ratio	Lower	Upper
112	100		
64	55.5	49.2	73.8
63	27.9	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF113543.D (-541) (-)



#6

Aniline

Concen: 5.452 ng

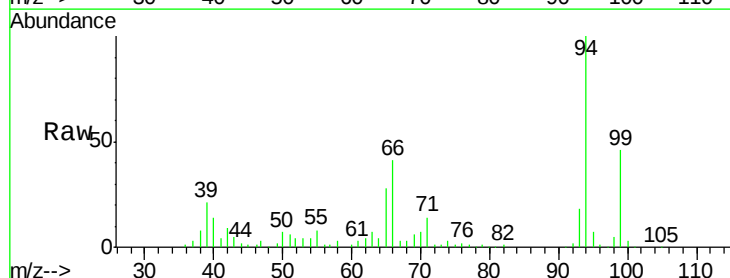
RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

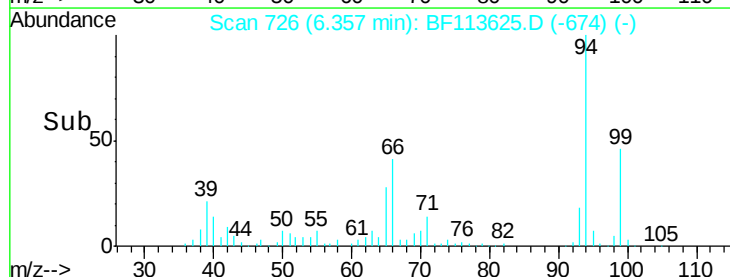
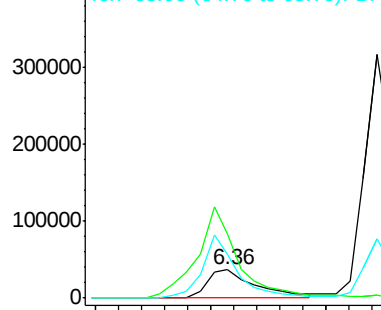
Lab File: BF113625.D

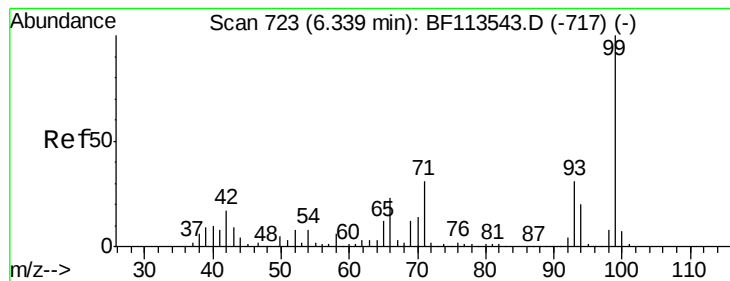
Acq: 5 Apr 2019 19:59

Tgt Ion:	93	Resp:	53908
Ion	Ratio	Lower	Upper
93	100		
66	226.9	62.1	93.1#
65	155.1	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF113543.D (-719) (-)





#7

Phenol-d6

Concen: 99.462 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

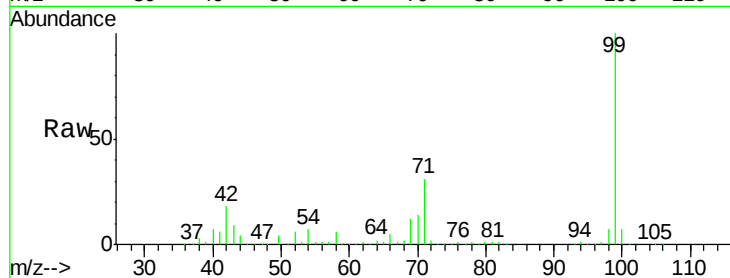
Tot Ion: 99 Resp: 811301

Ion Ratio Lower Upper

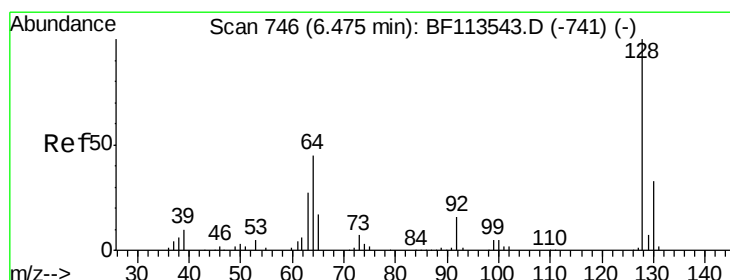
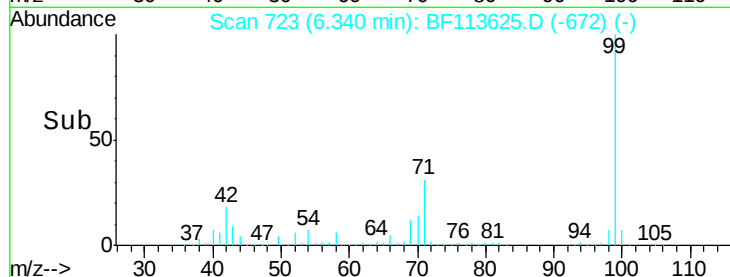
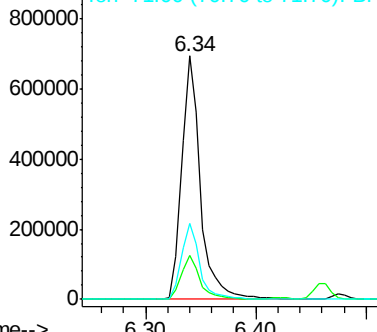
99 100

42 17.8 14.8 22.2

71 31.2 24.9 37.3



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: 35.847 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

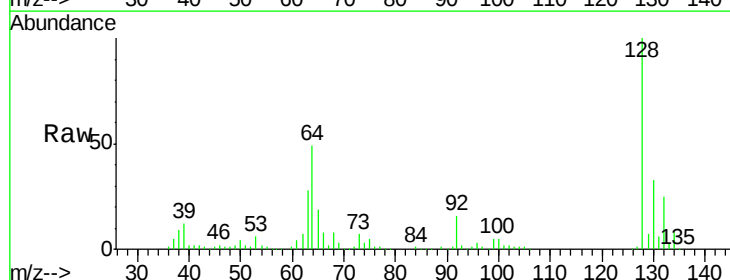
Tgt Ion:128 Resp: 274483

Ion Ratio Lower Upper

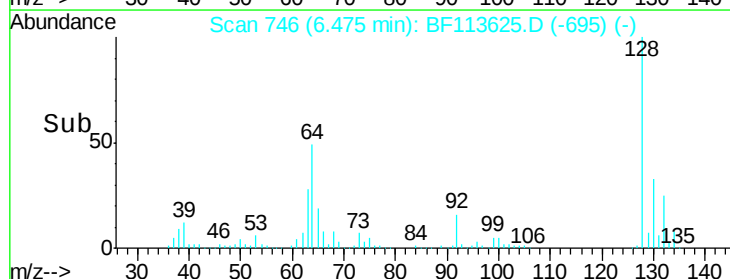
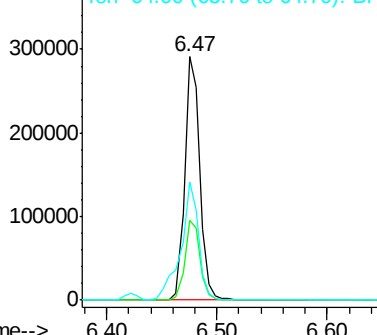
128 100

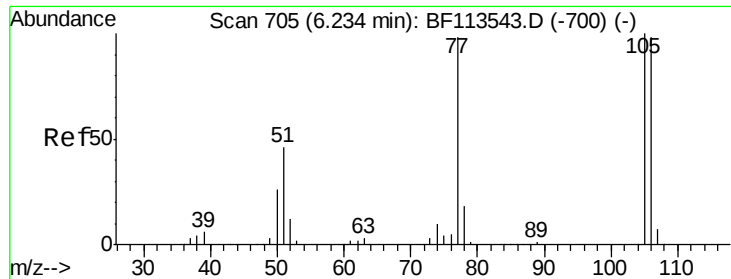
130 32.8 12.6 52.6

64 48.7 29.4 69.4



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

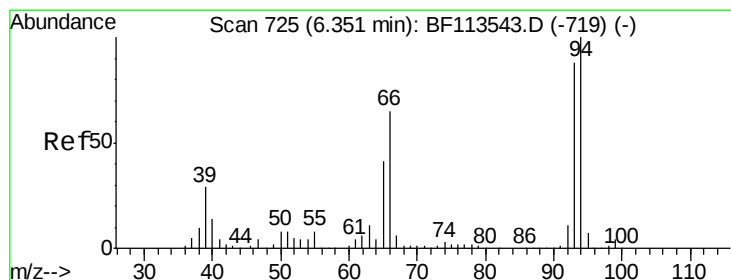
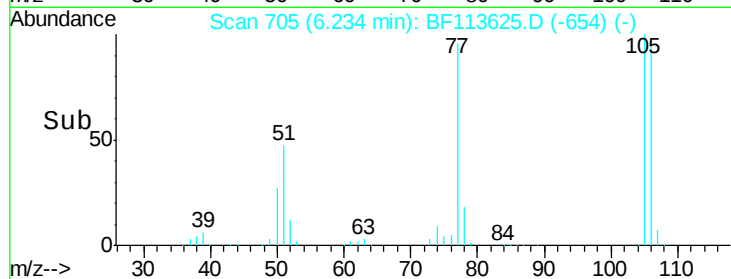
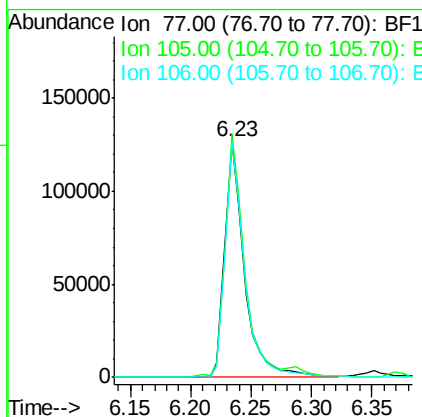
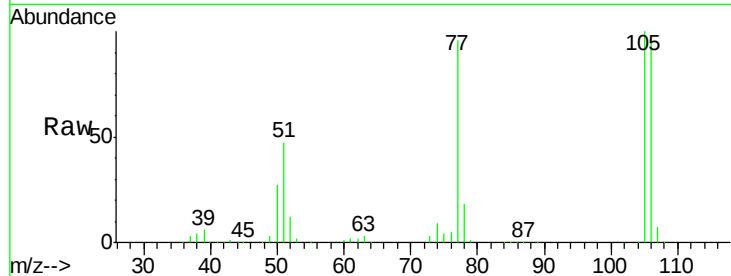




#9
Benzaldehyde
Concen: 29.656 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

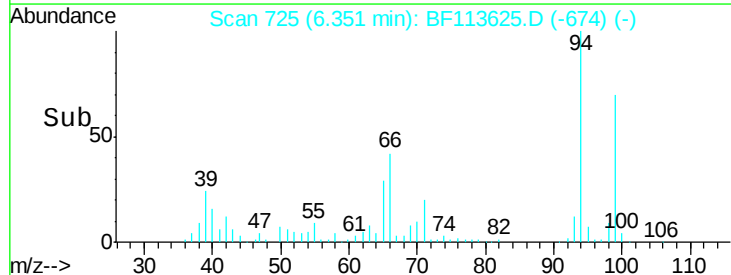
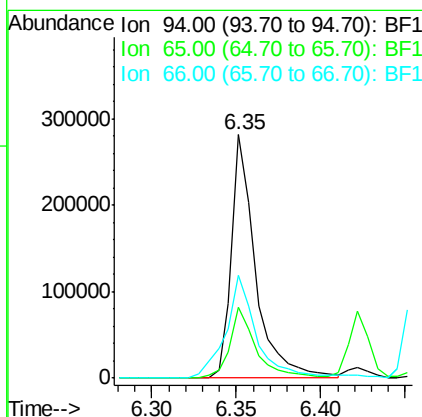
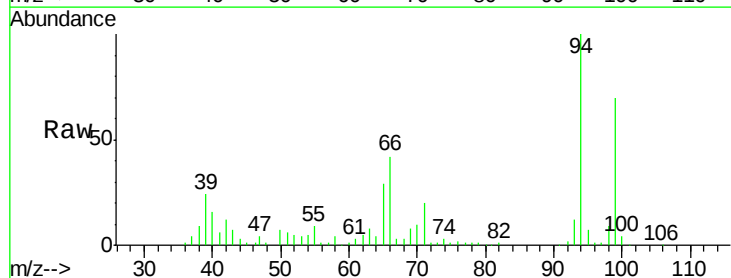
Instrument :
BNA_F
ClientSampleId :

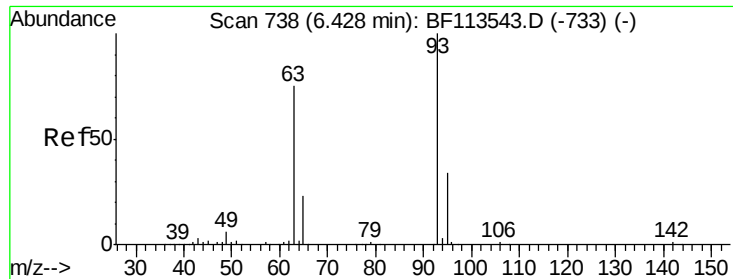
Tot Ion: 77 Resp: 143834
Ion Ratio Lower Upper
77 100
105 103.7 80.9 120.9
106 100.2 77.8 117.8



#10
Phenol
Concen: 30.079 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion: 94 Resp: 280218
Ion Ratio Lower Upper
94 100
65 29.2 21.4 61.4
66 42.3 46.4 86.4#

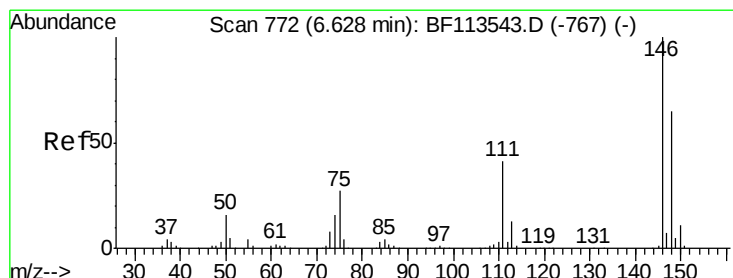
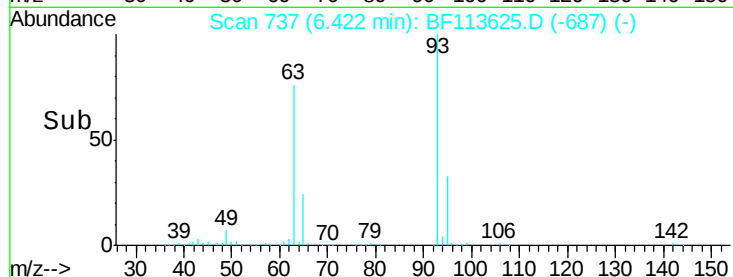
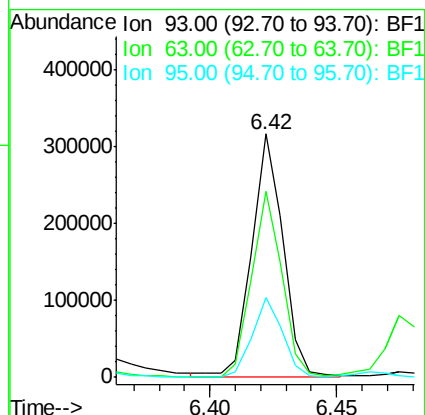
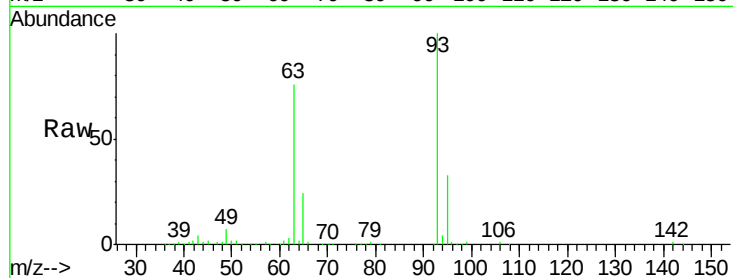




#11
bis(2-Chloroethyl)ether
Concen: 37.871 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

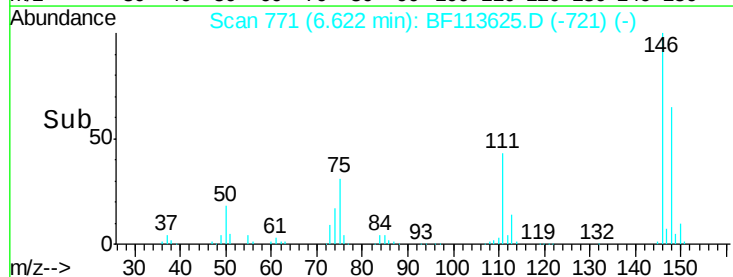
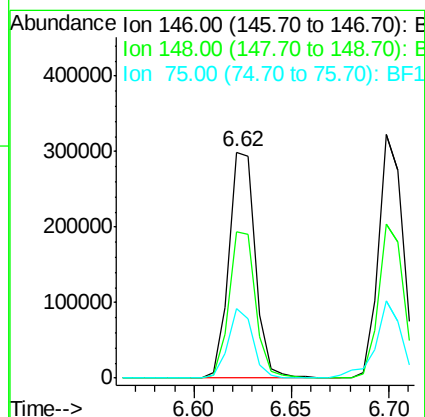
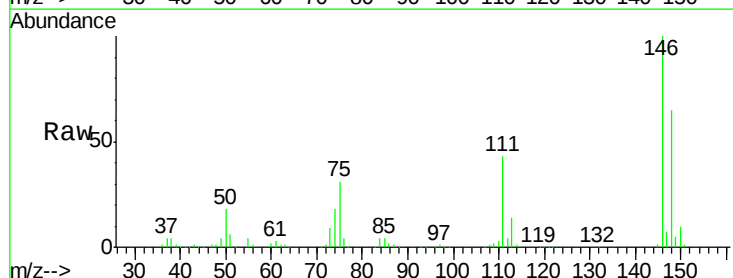
Instrument :
BNA_F
ClientSampleId :

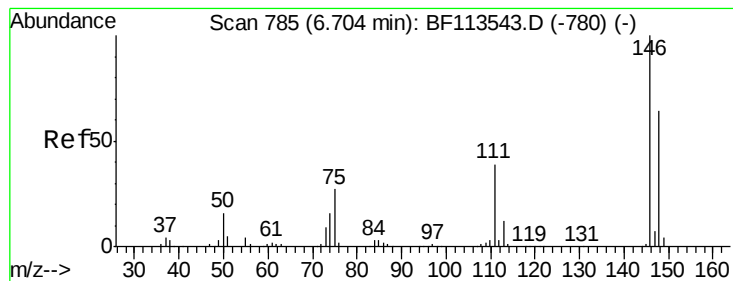
Tot Ion: 93 Resp: 274445
Ion Ratio Lower Upper
93 100
63 76.2 56.1 96.1
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.342 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion: 146 Resp: 283185
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 30.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 34.771 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

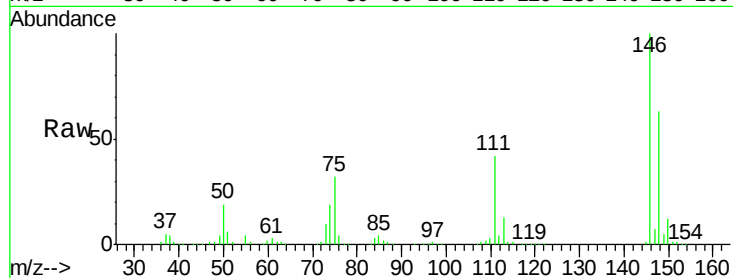
Tot Ion:146 Resp: 289745

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

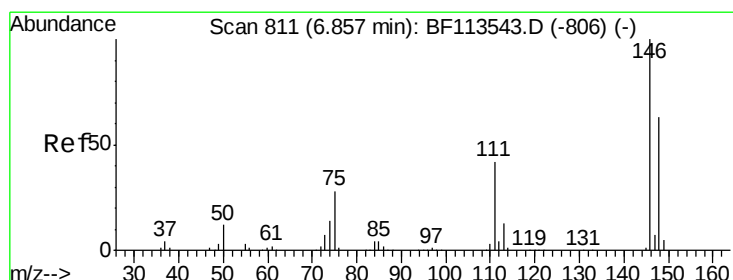
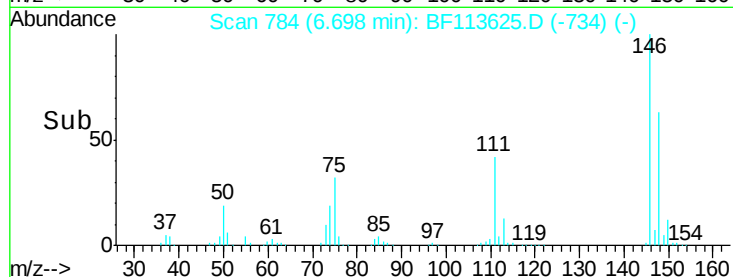
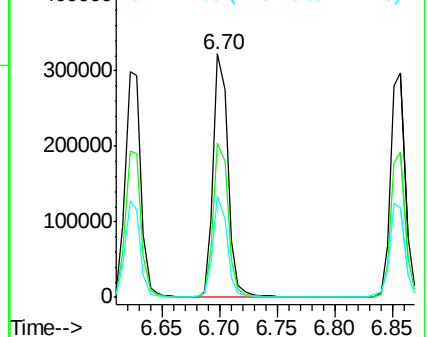
111 41.5 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.881 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

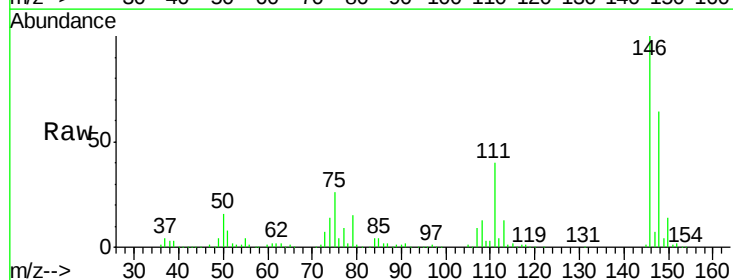
Tgt Ion:146 Resp: 269878

Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.4

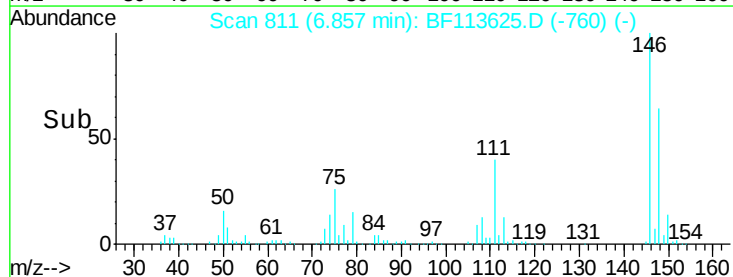
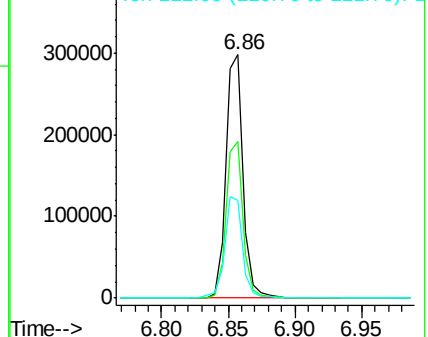
111 40.0 35.4 53.2

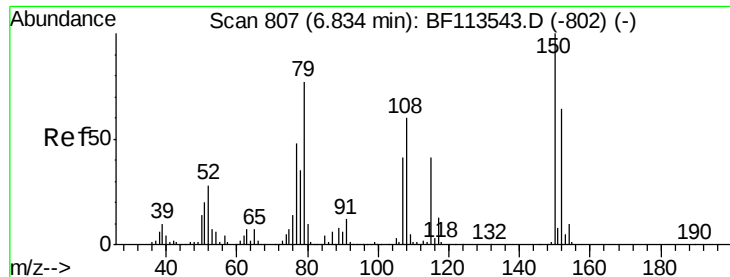


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.777 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

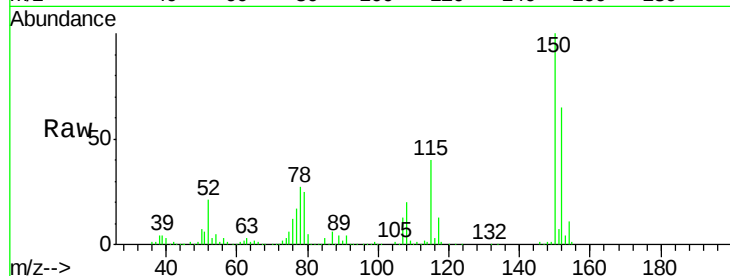
Tot Ion: 79 Resp: 224900

Ion Ratio Lower Upper

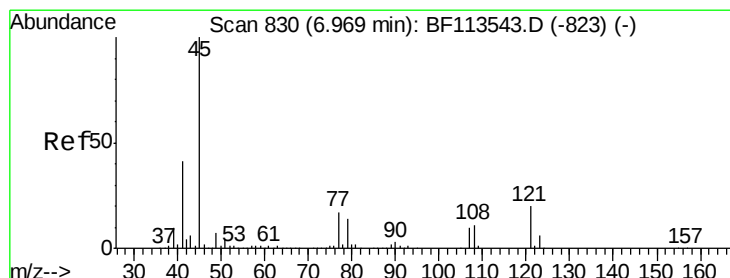
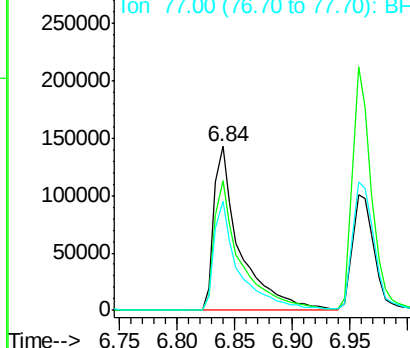
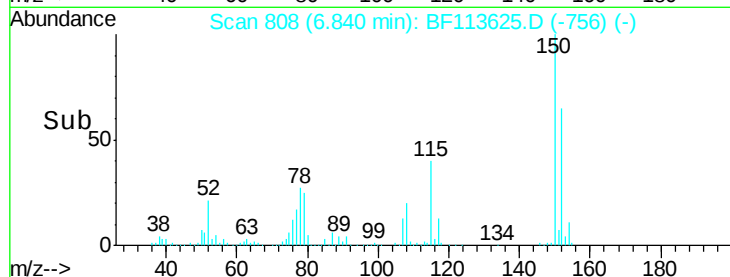
79 100

108 78.9 62.0 93.0

77 66.4 49.9 74.9



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: 36.754 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

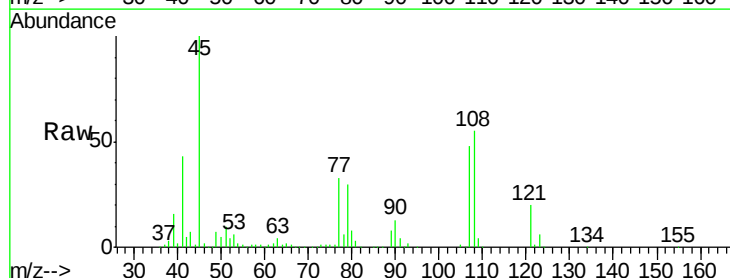
Tgt Ion: 45 Resp: 414583

Ion Ratio Lower Upper

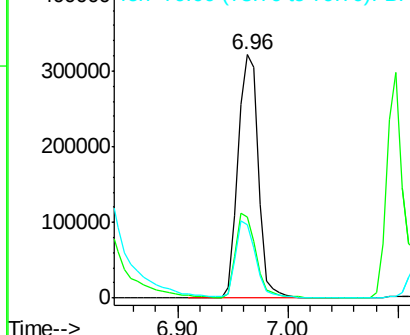
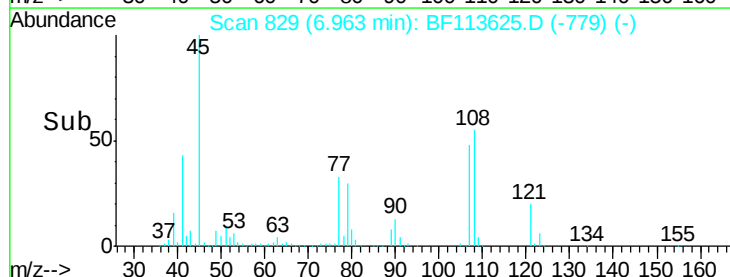
45 100

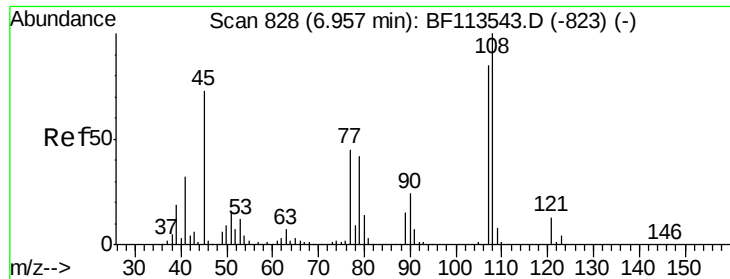
77 33.2 0.0 36.6

79 30.3 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

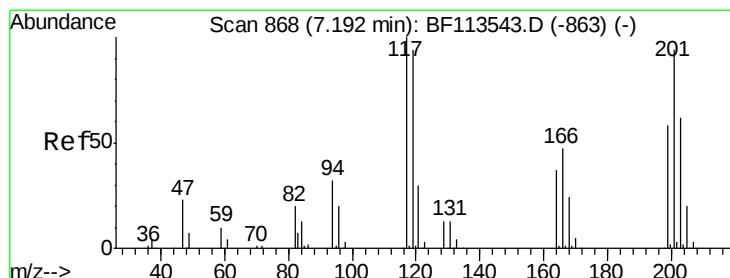
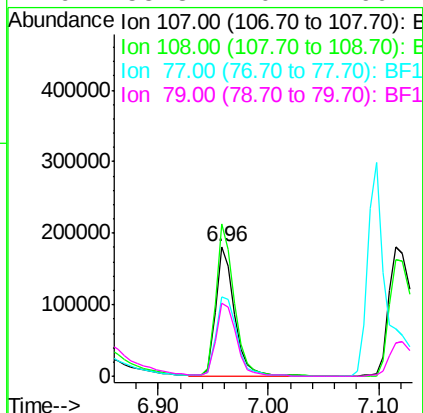
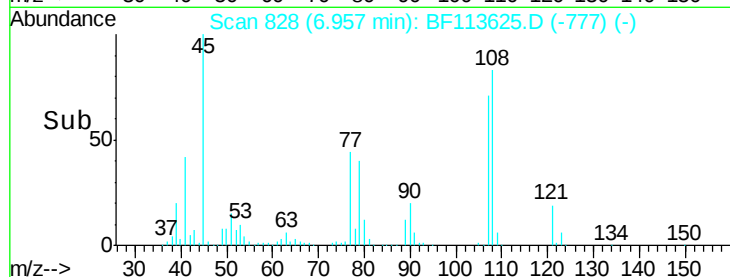
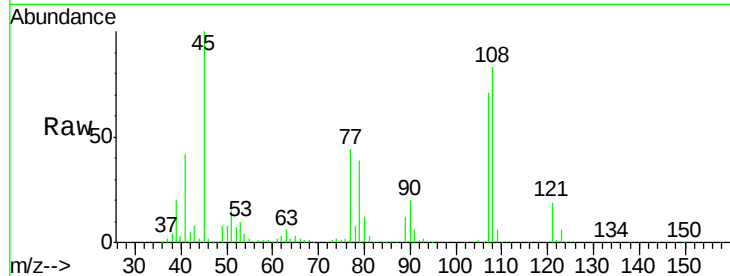




#17
2-Methylphenol
Concen: 35.461 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

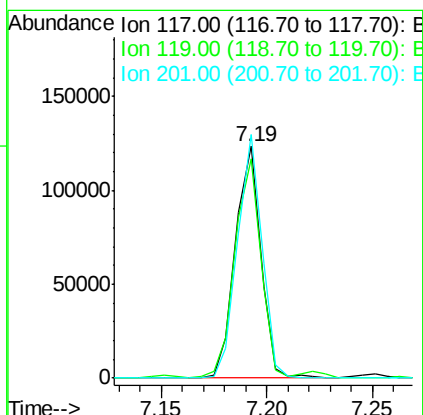
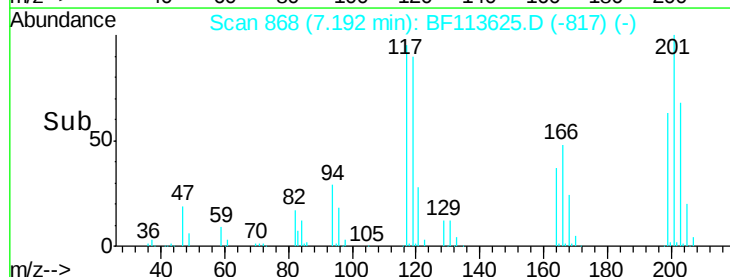
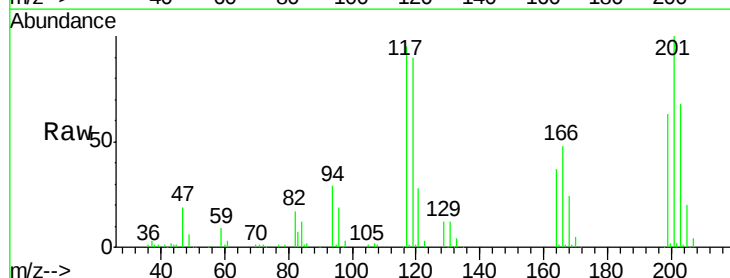
Instrument :
BNA_F
ClientSampleId :

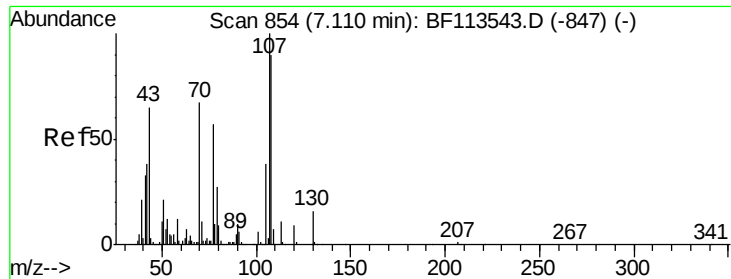
Tot Ion	Ratio	Lower	Upper
107	100		
108	117.1	93.4	140.0
77	61.5	41.2	61.8
79	55.8	40.1	60.1



#18
Hexachloroethane
Concen: 33.971 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
201	105.1	78.7	118.1

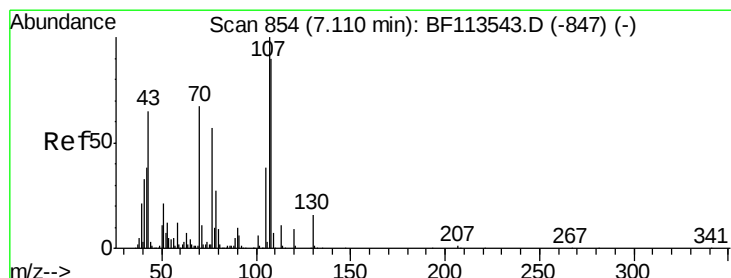
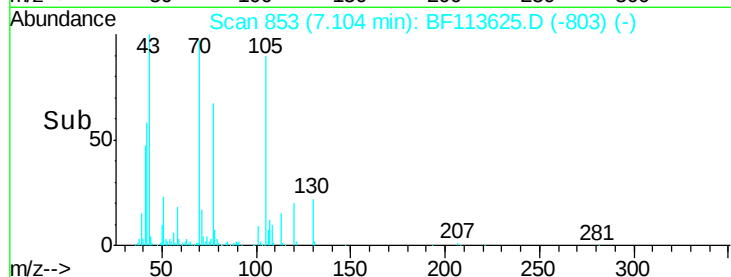
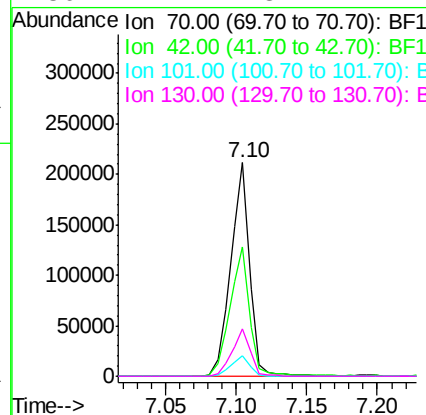
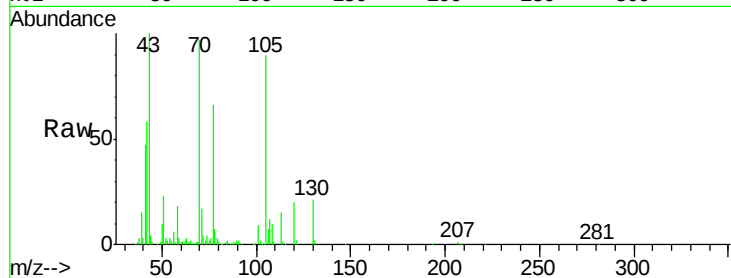




#19
n-Nitroso-di-n-propylamine
Concen: 39.050 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

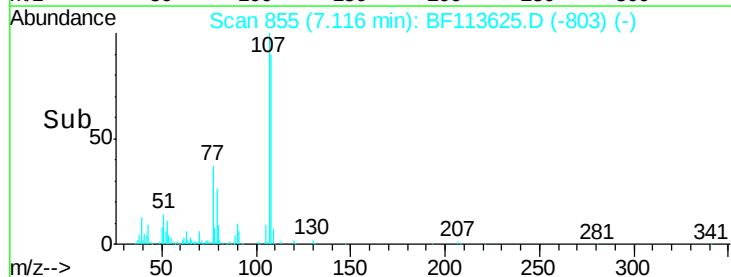
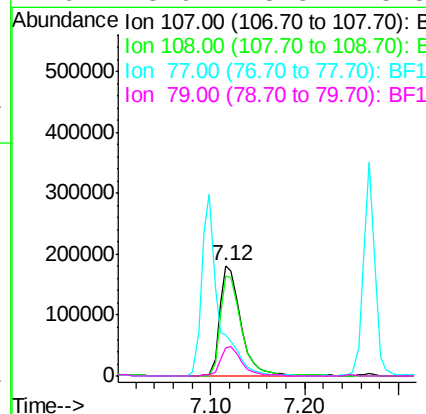
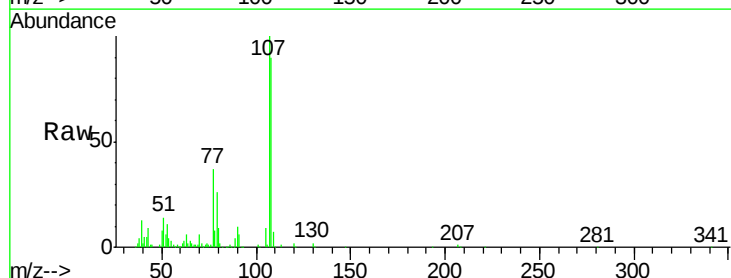
Instrument :
BNA_F
ClientSampleId :

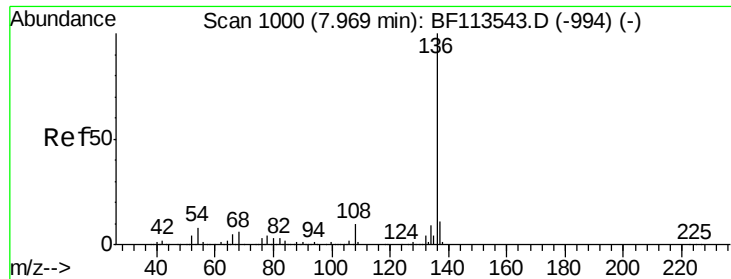
Tot Ion: 70 Resp: 196416
Ion Ratio Lower Upper
70 100
42 60.2 48.4 72.6
101 9.5 7.8 11.8
130 22.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 39.246 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion: 107 Resp: 282173
Ion Ratio Lower Upper
107 100
108 90.2 71.4 111.4
77 36.9 33.5 73.5
79 25.9 8.3 48.3

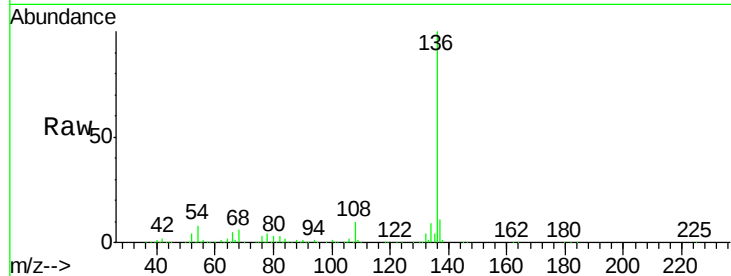




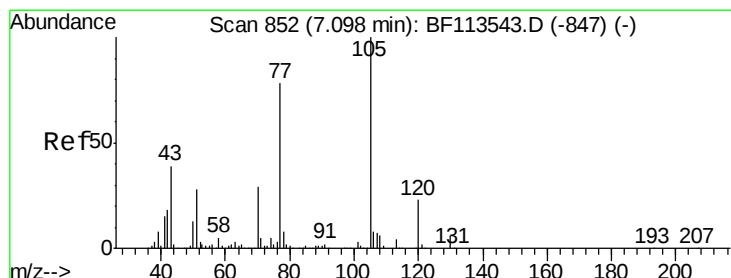
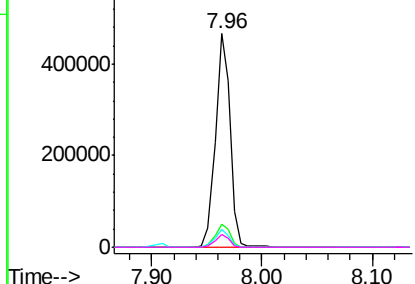
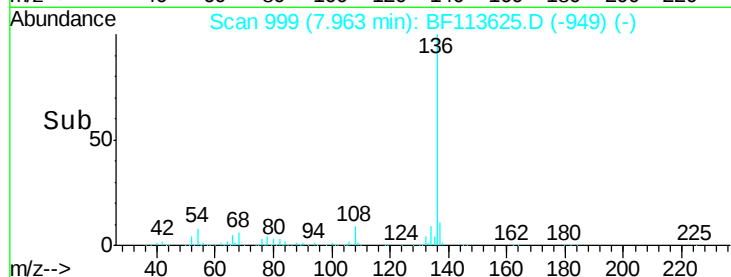
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	425509
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	8.3	7.0 10.6
68	6.1	4.8 7.2

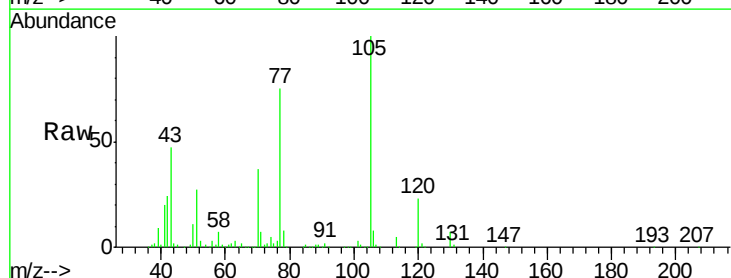


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

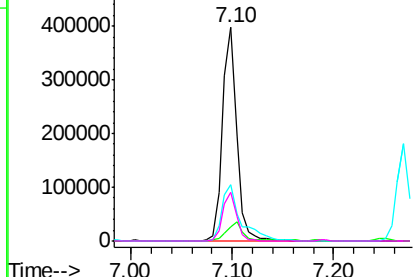
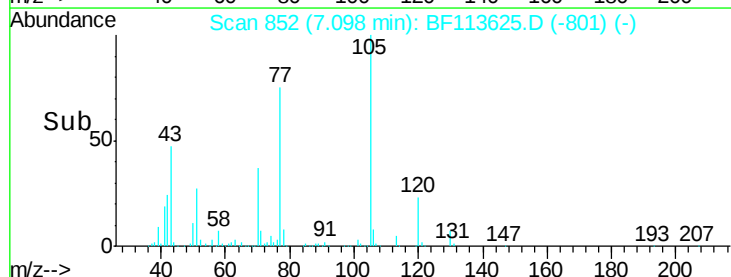


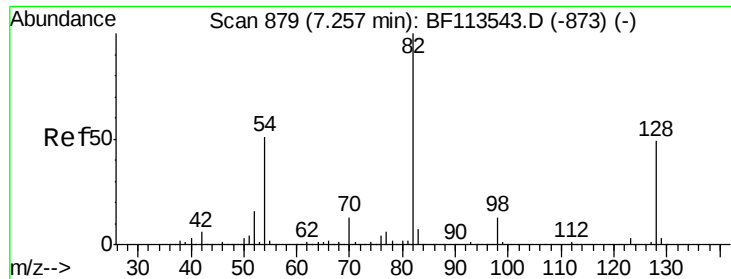
#22
Acetophenone
Concen: 41.671 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:105	Resp:	389442
Ion	Ratio	Lower Upper
105	100	
71	6.8	3.3 4.9#
51	26.7	24.2 36.2
120	23.0	18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

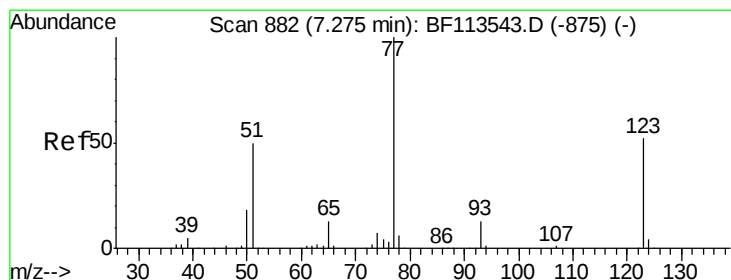
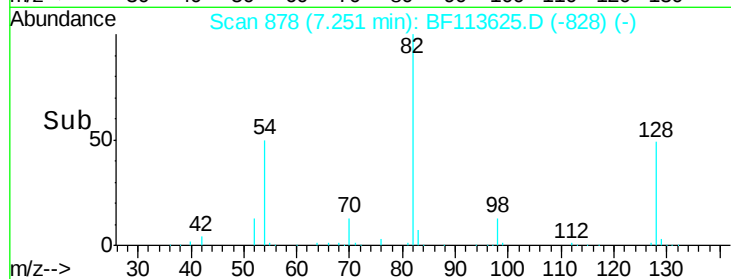
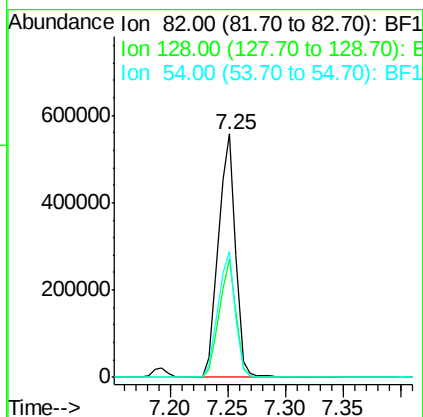
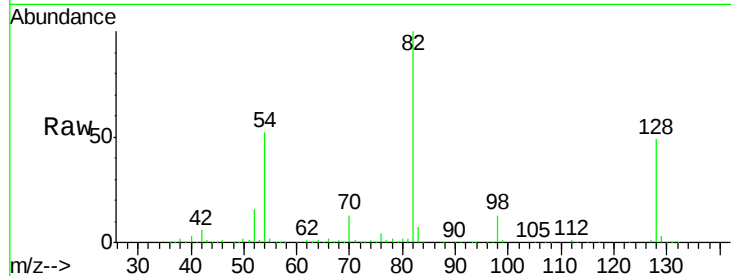




#23
 Nitrobenzene-d5
 Concen: 79.378 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

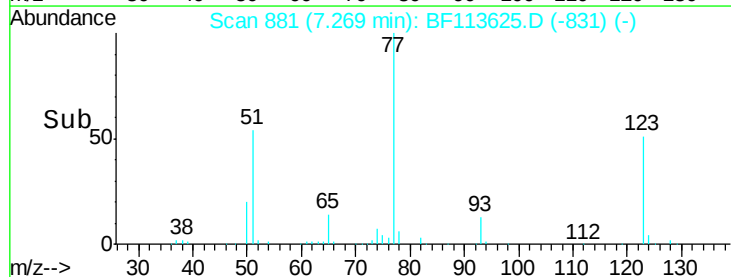
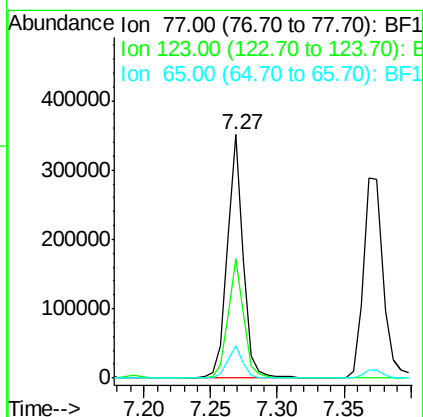
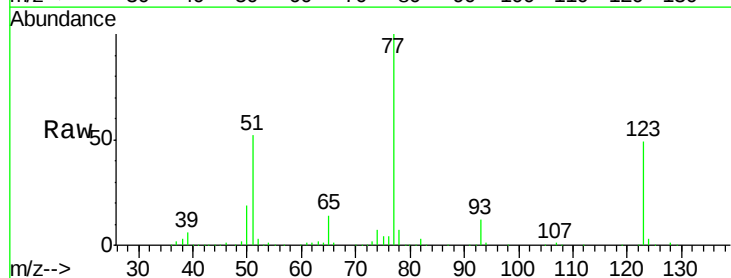
Instrument :
 BNA_F
 ClientSampleId :

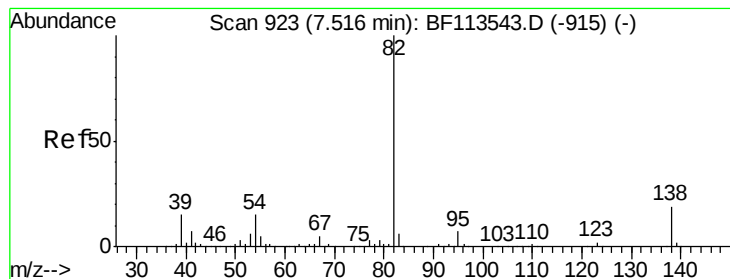
Tot Ion: 82 Resp: 576625
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.5 54.7
 54 51.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.028 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion: 77 Resp: 291970
 Ion Ratio Lower Upper
 77 100
 123 49.0 40.8 61.2
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 38.576 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

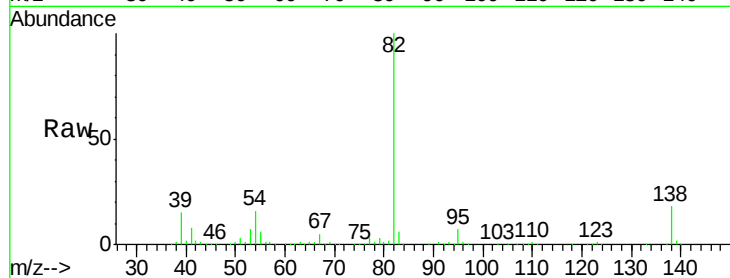
Tot Ion: 82 Resp: 539827

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

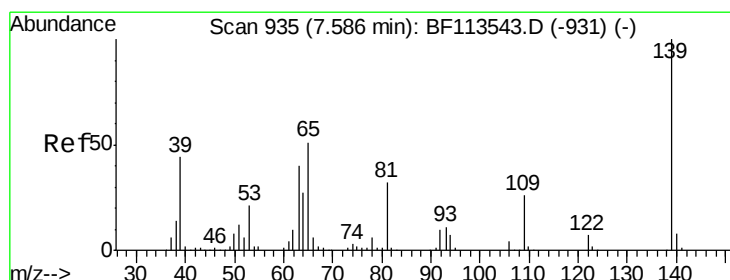
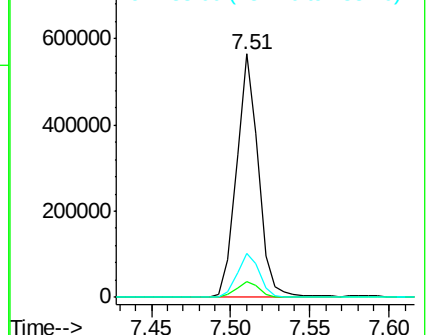
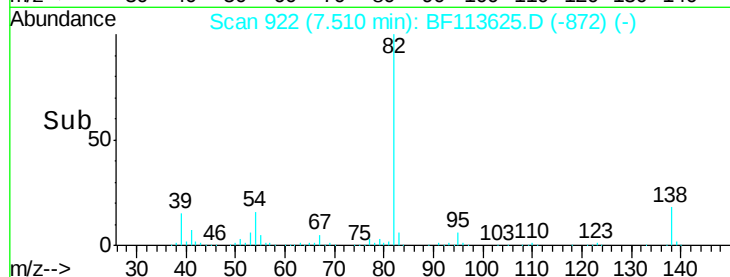
138 18.0 15.2 22.8



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: 38.026 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

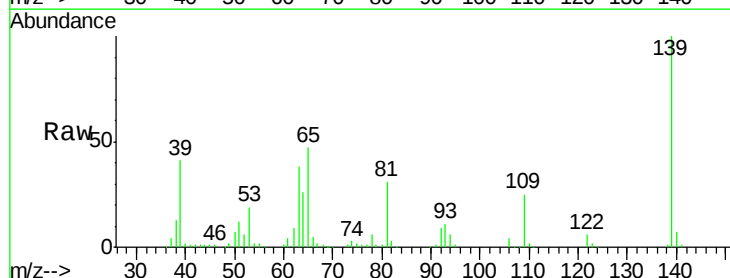
Tgt Ion: 139 Resp: 153105

Ion Ratio Lower Upper

139 100

109 25.5 21.7 32.5

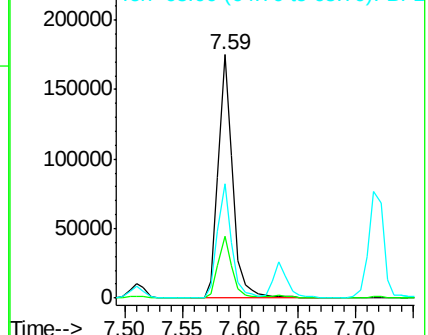
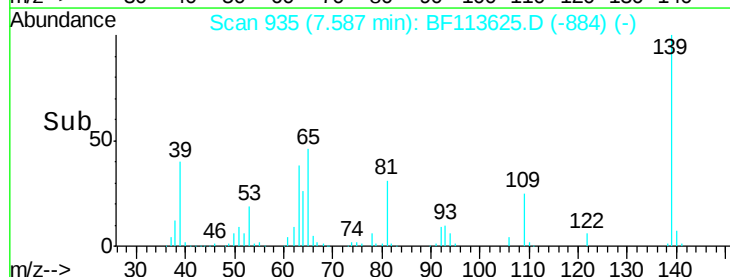
65 47.2 41.6 62.4

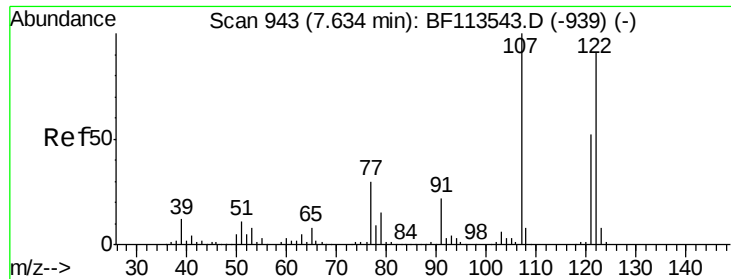


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

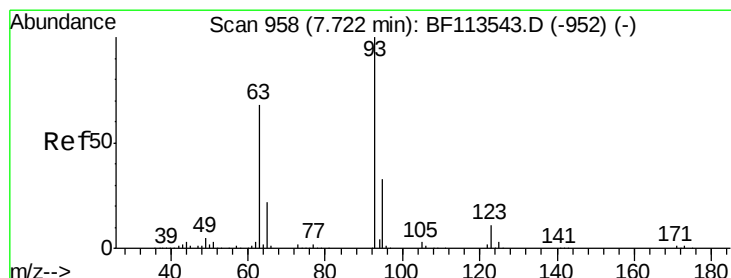
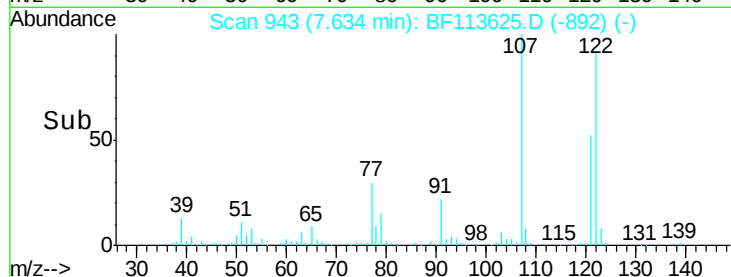
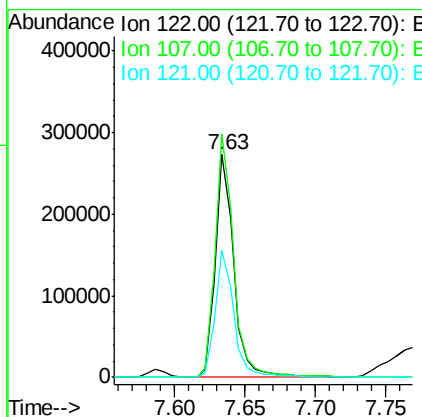
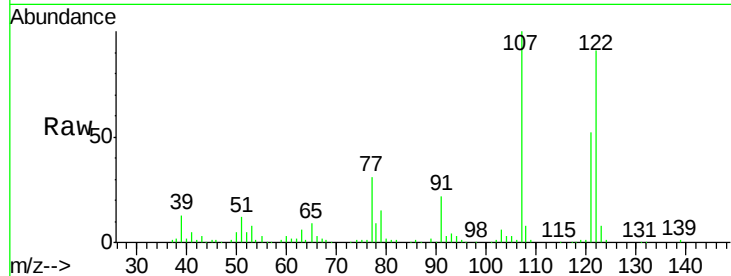




#27
 2,4-Dimethylphenol
 Concen: 43.444 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

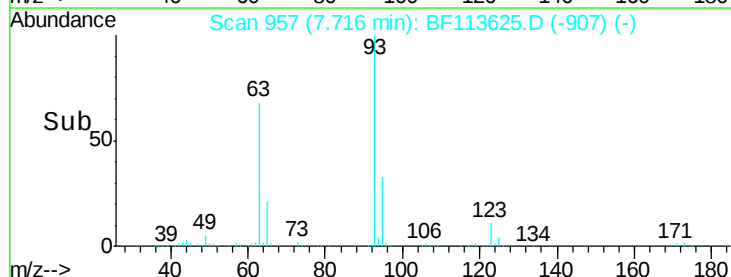
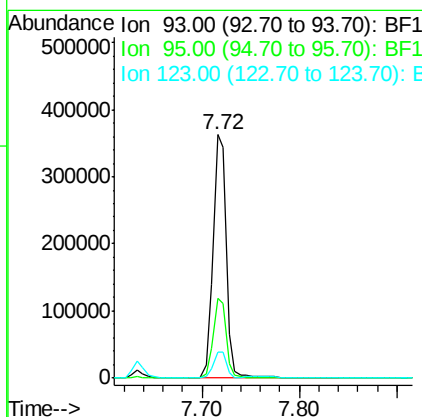
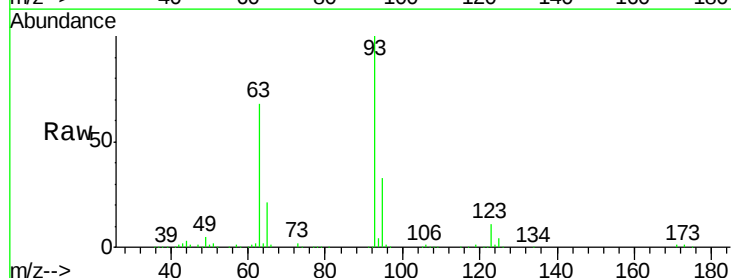
Instrument :
 BNA_F
 ClientSampleId :

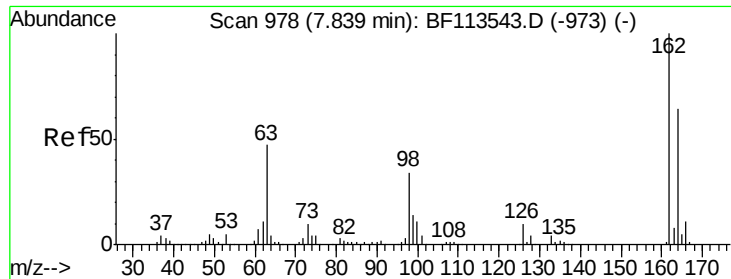
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.8	133.2
121	57.2	45.5	68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.747 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	10.6	9.1	13.7

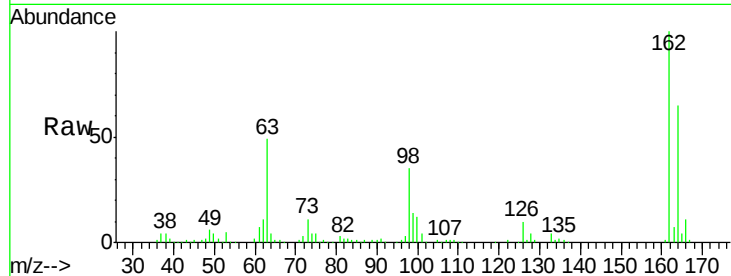




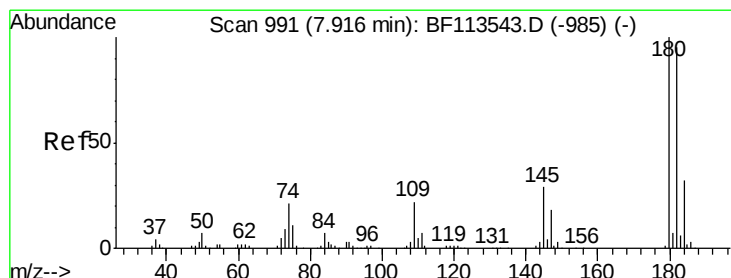
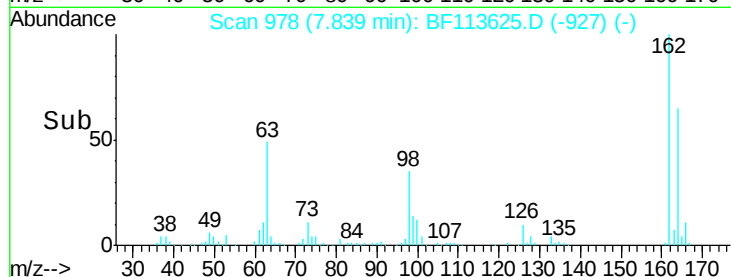
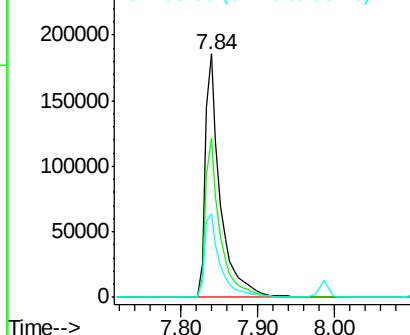
#29
 2,4-Dichlorophenol
 Concen: 40.185 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 247484
 Ion Ratio Lower Upper
 162 100
 164 65.2 44.6 84.6
 98 34.5 15.6 55.6

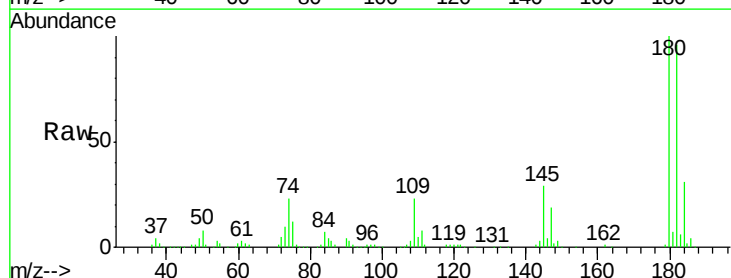


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

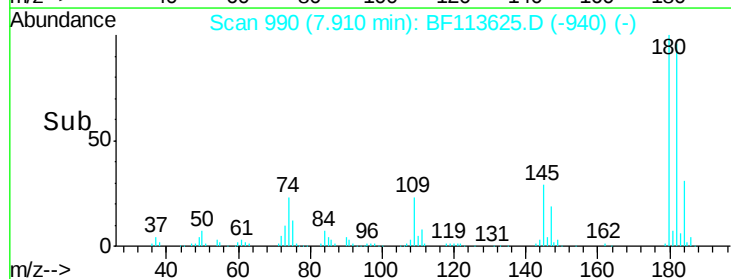
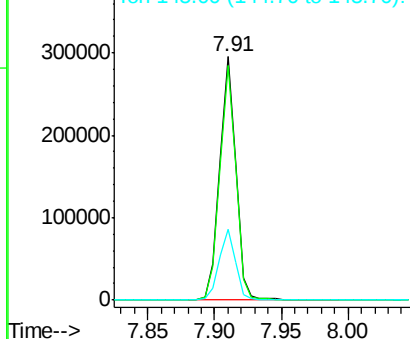


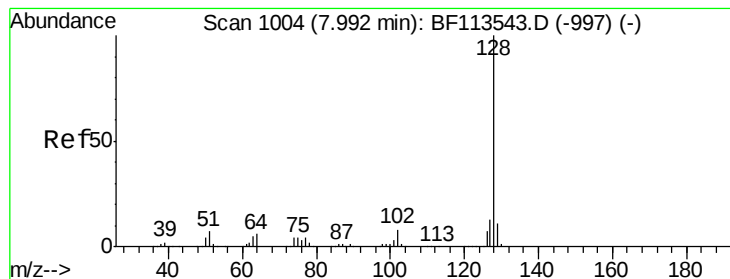
#30
 1,2,4-Trichlorobenzene
 Concen: 38.281 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:180 Resp: 256026
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.6 111.8
 145 29.2 23.4 35.0



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





#31

Naphthalene

Concen: 39.585 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

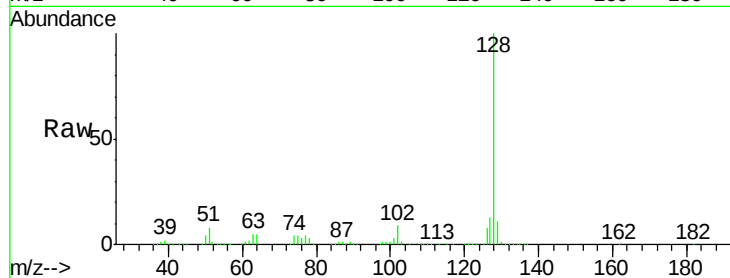
Tot Ion:128 Resp: 816113

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

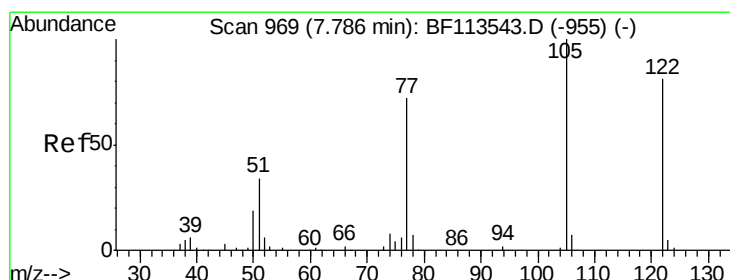
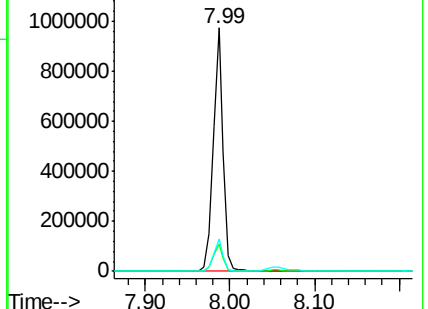
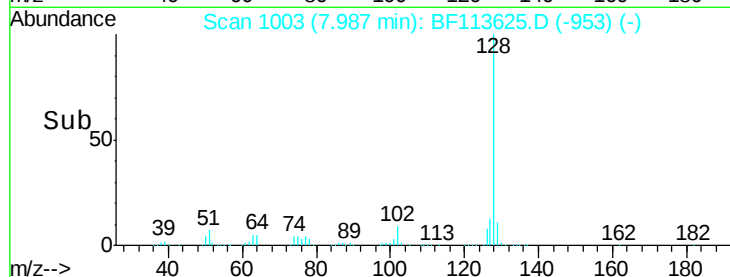
127 13.2 10.9 16.3



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: 18.220 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

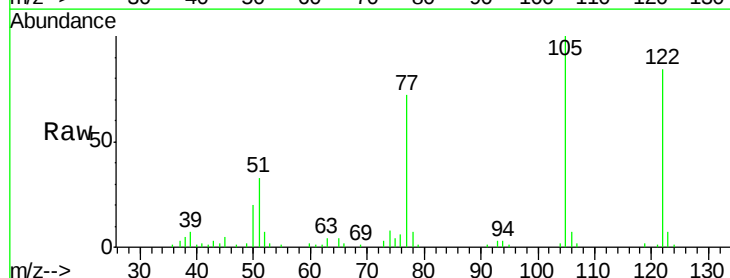
Tgt Ion:122 Resp: 81211

Ion Ratio Lower Upper

122 100

105 118.9 100.4 140.4

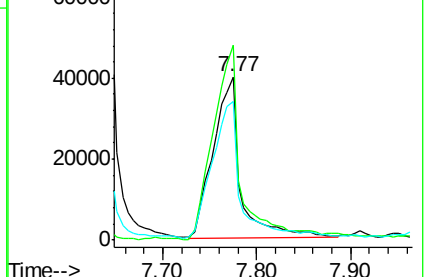
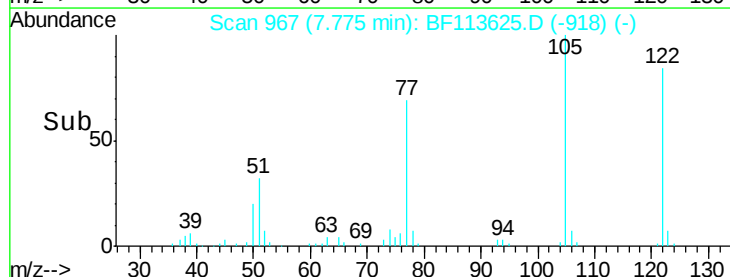
77 85.2 69.0 109.0



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

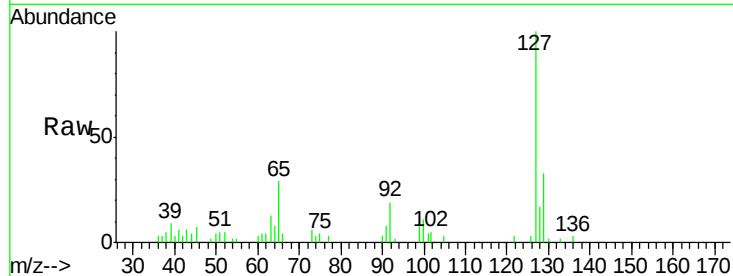




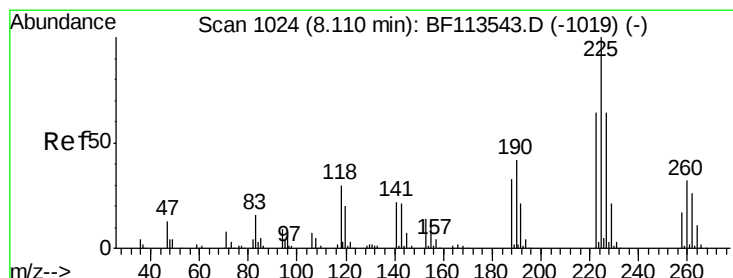
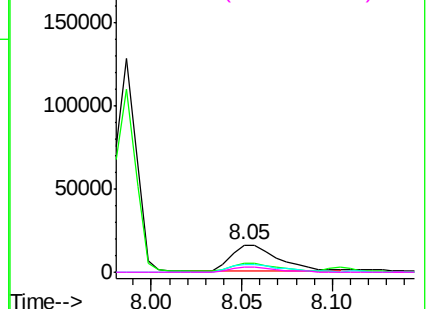
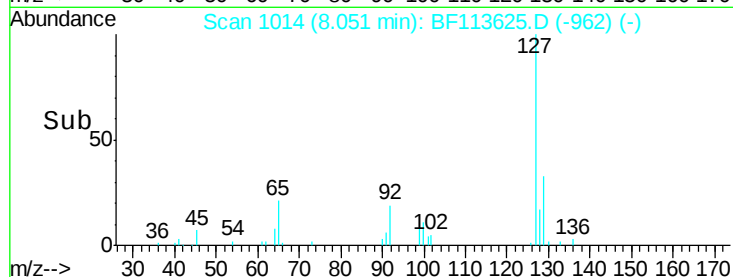
#33
4-Chloroaniline
Concen: 3.554 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	29053
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.8	24.2	36.4
92	19.5	15.0	22.6

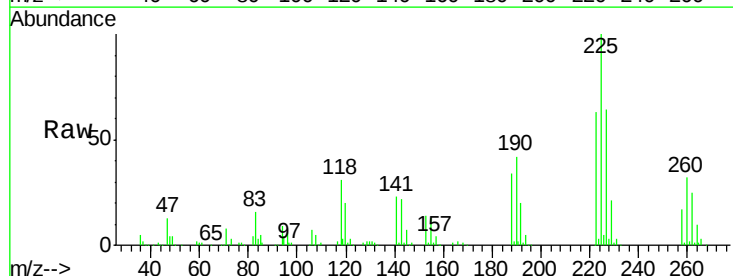


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

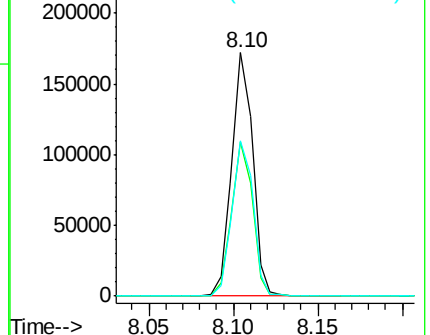
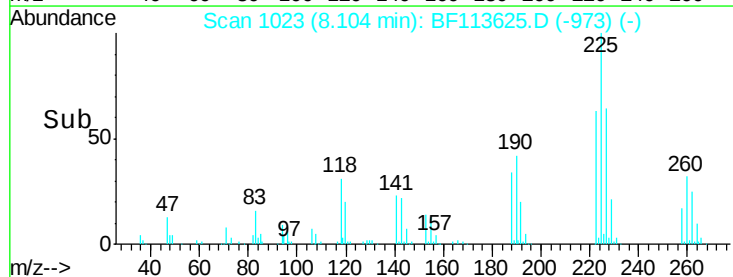


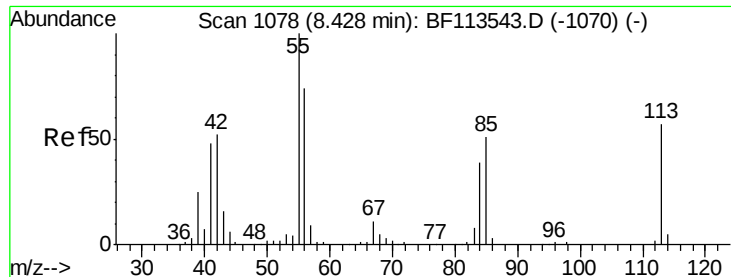
#34
Hexachlorobutadiene
Concen: 36.523 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:	225	Resp:	148921
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	64.0	51.1	76.7



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

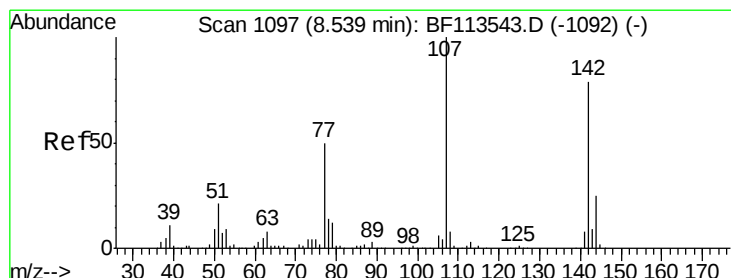
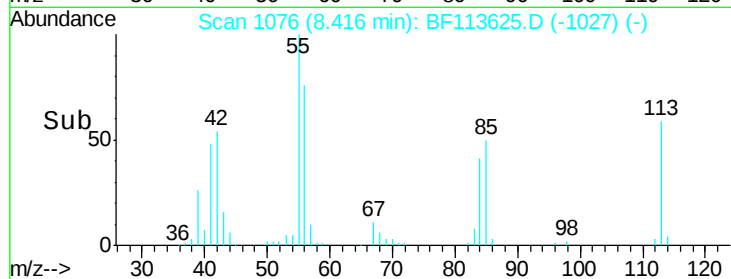
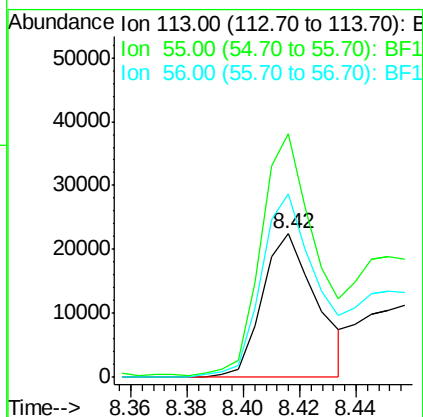
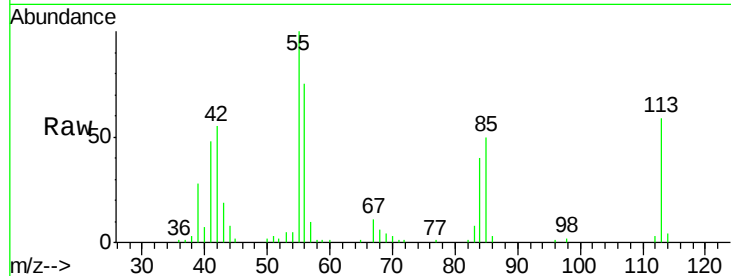




#35
Caprolactam
Concen: 15.339 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

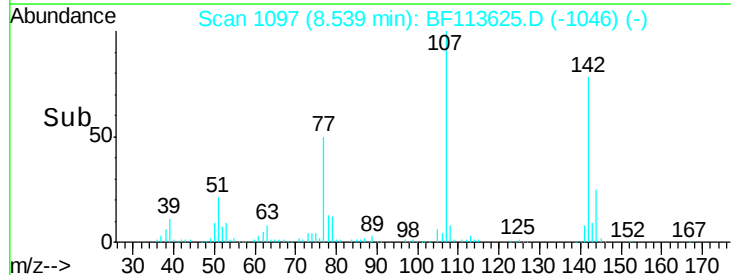
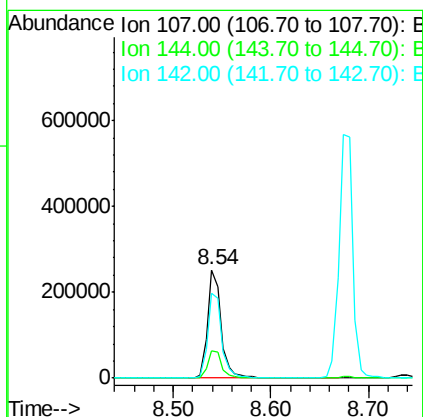
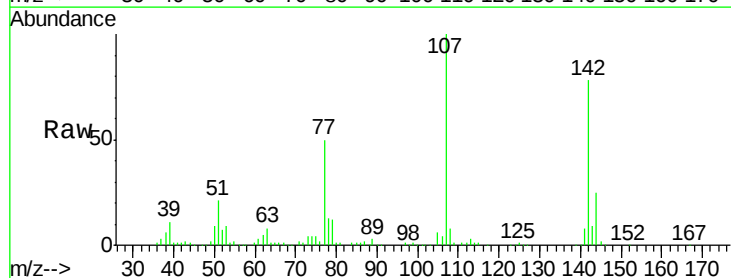
Instrument :
BNA_F
ClientSampleId :

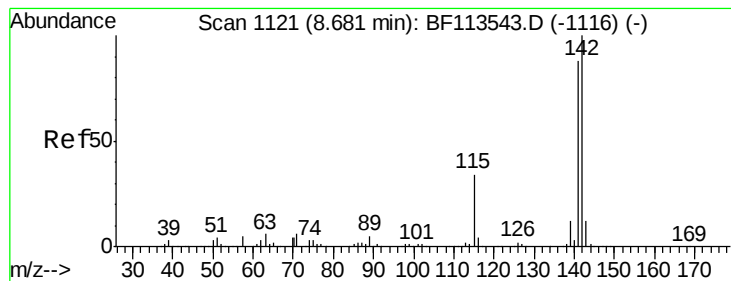
Tot Ion:113 Resp: 29987
Ion Ratio Lower Upper
113 100
55 169.6 152.7 192.7
56 127.7 108.3 148.3



#36
4-Chloro-3-methylphenol
Concen: 39.489 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:107 Resp: 244131
Ion Ratio Lower Upper
107 100
144 25.1 21.4 32.0
142 78.4 65.6 98.4





#37

2-Methylnaphthalene

Concen: 41.228 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

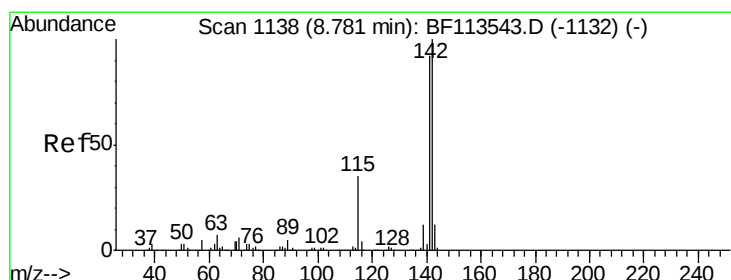
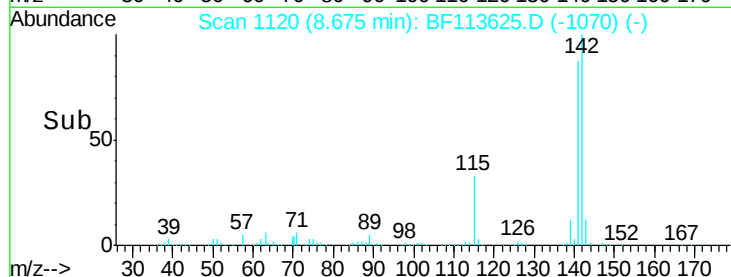
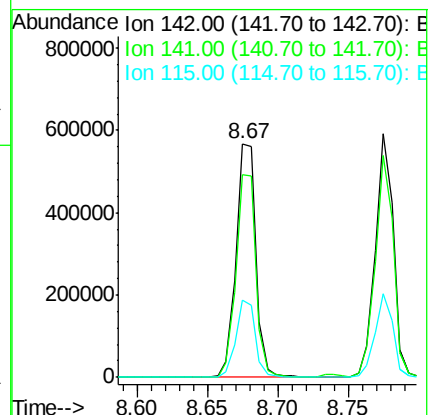
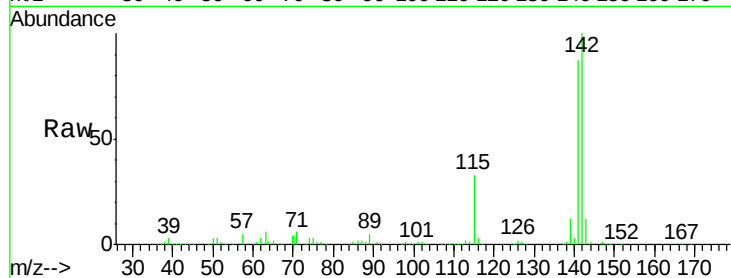
Tot Ion:142 Resp: 559039

Ion Ratio Lower Upper

142 100

141 87.0 71.0 106.6

115 33.0 26.6 39.8



#38

1-Methylnaphthalene

Concen: 40.186 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

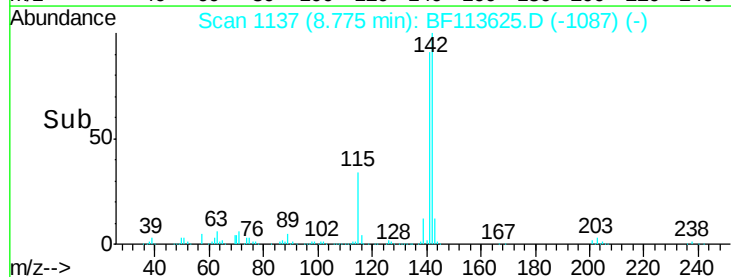
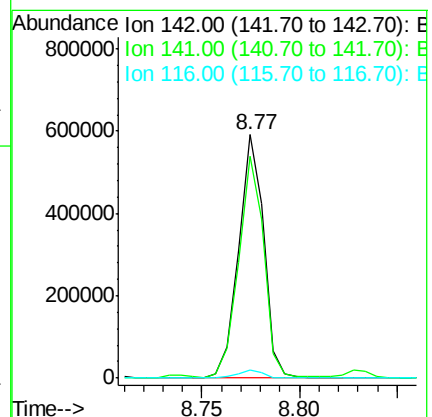
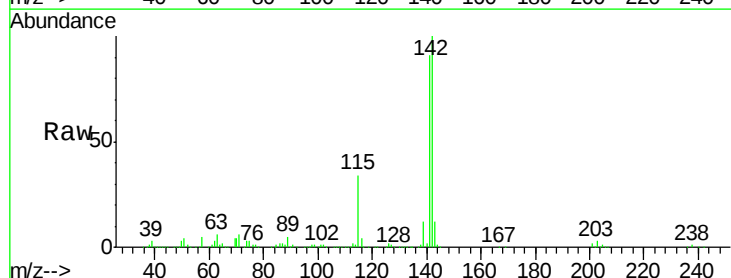
Tgt Ion:142 Resp: 525434

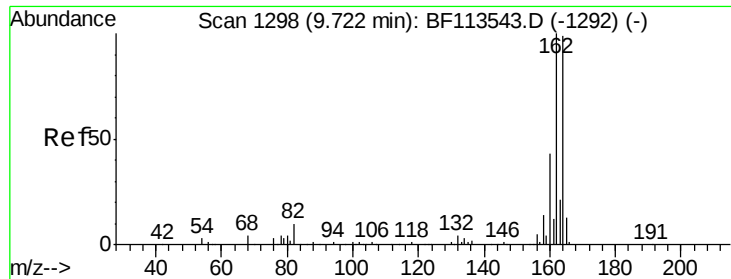
Ion Ratio Lower Upper

142 100

141 91.0 73.2 109.8

116 3.5 3.0 4.4

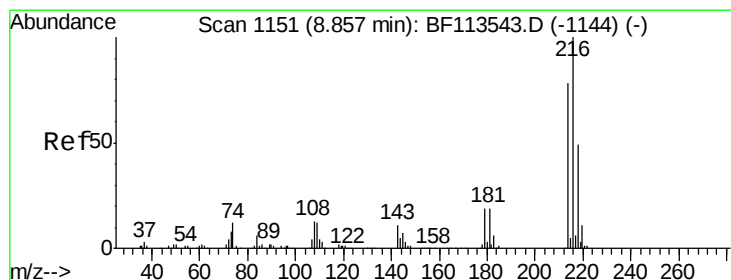
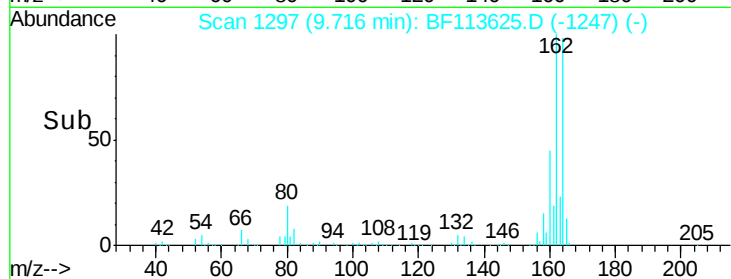
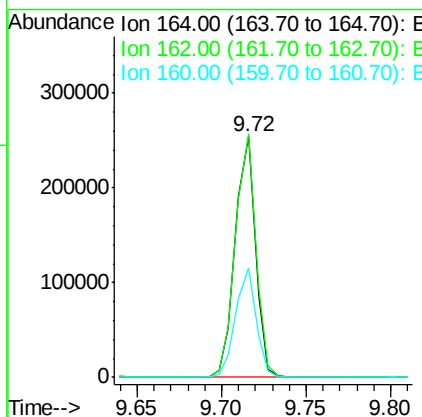
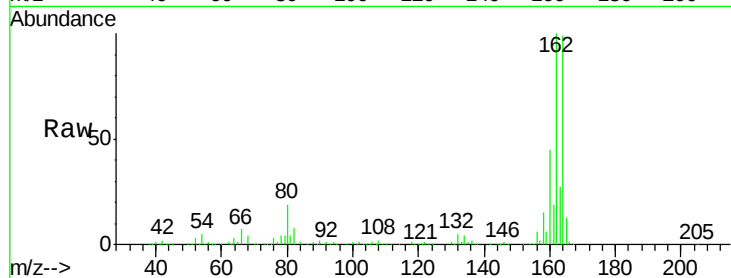




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

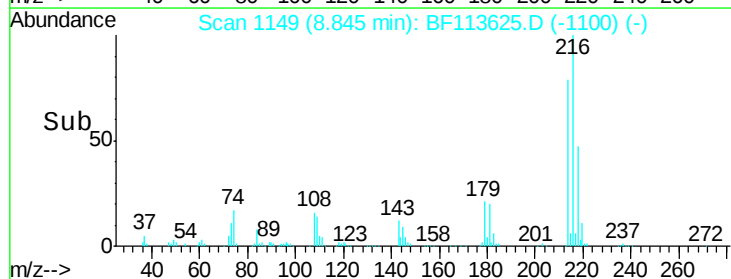
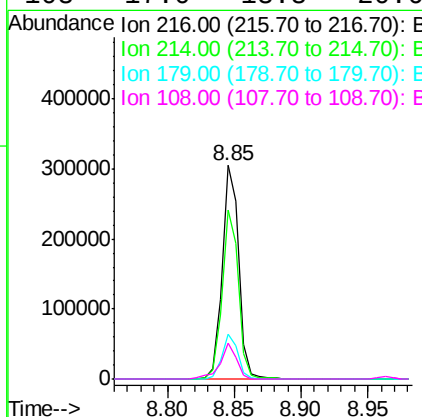
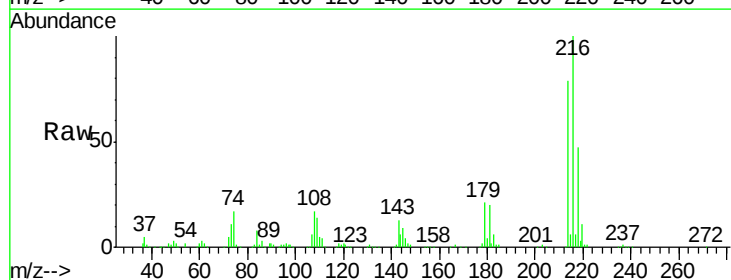
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212434
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.8 122.6
 160 45.1 36.4 54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.795 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:216 Resp: 266536
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.0 94.6
 179 20.5 16.8 25.2
 108 17.0 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 62.802 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:237 Resp: 142632

Ion Ratio Lower Upper

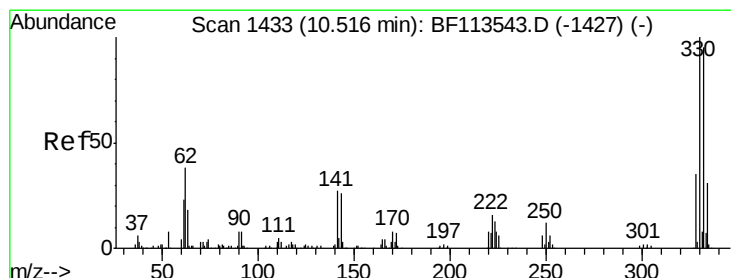
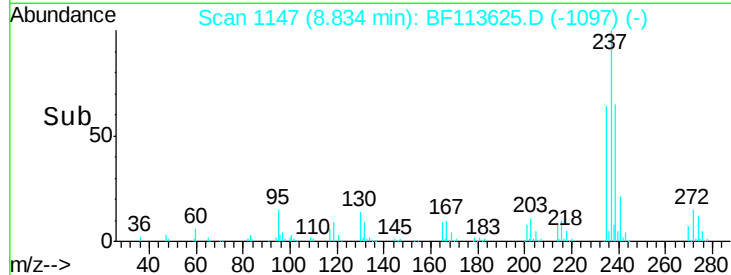
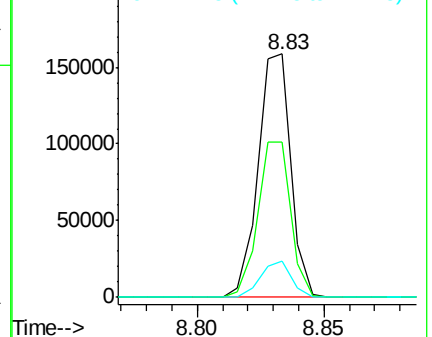
237 100

235 64.0 43.4 83.4

272 14.8 0.0 33.7



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: 119.135 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

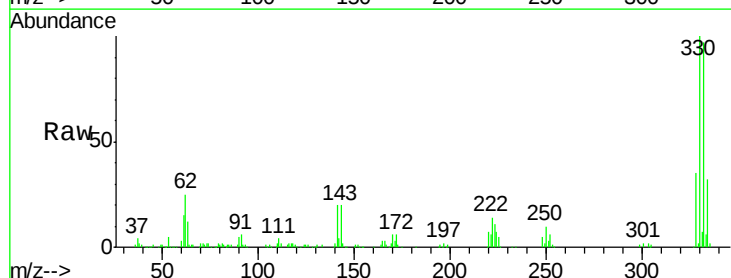
Tgt Ion:330 Resp: 304015

Ion Ratio Lower Upper

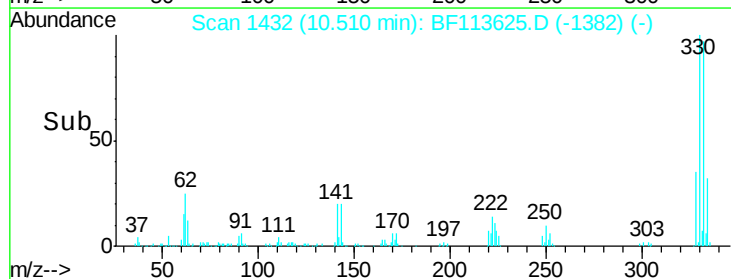
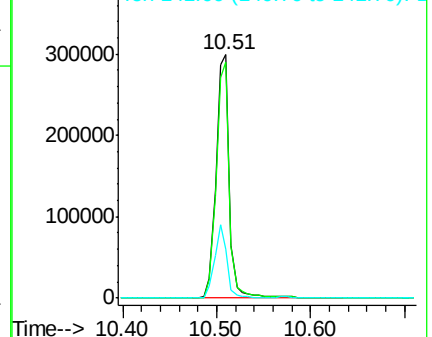
330 100

332 95.8 77.8 116.6

141 27.5 22.7 34.1



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

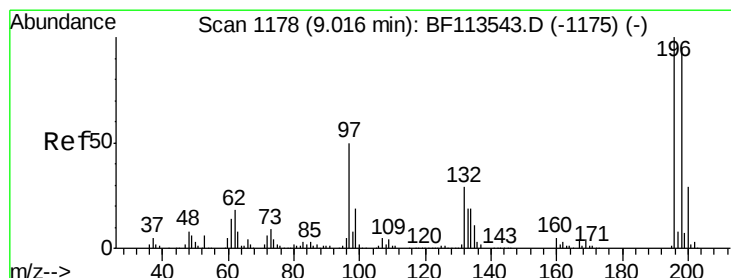
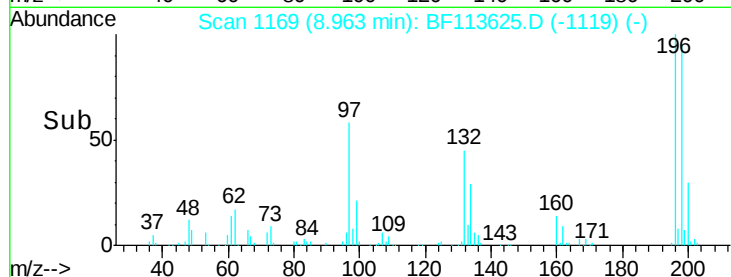
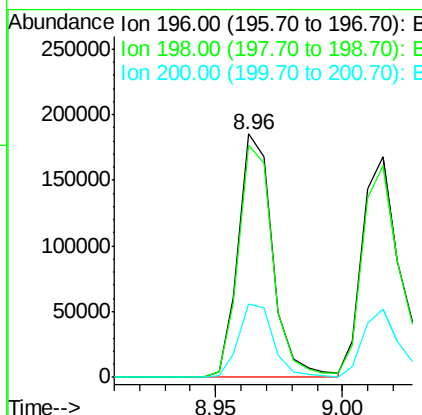
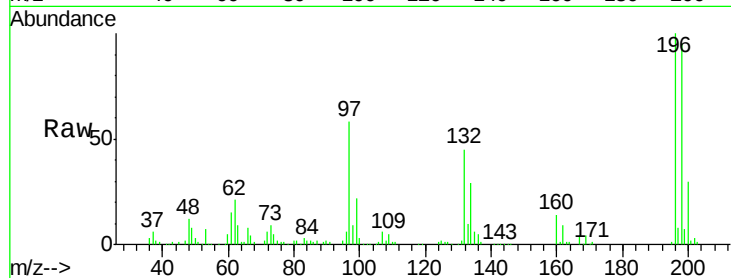




#43
 2,4,6-Trichlorophenol
 Concen: 40.356 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

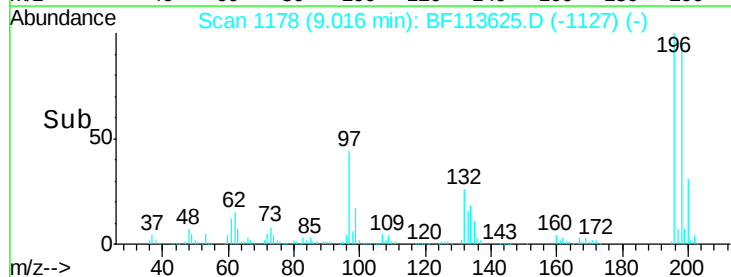
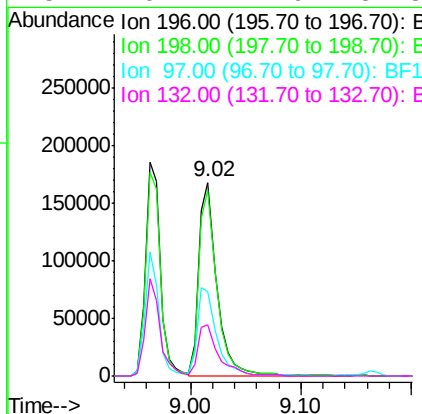
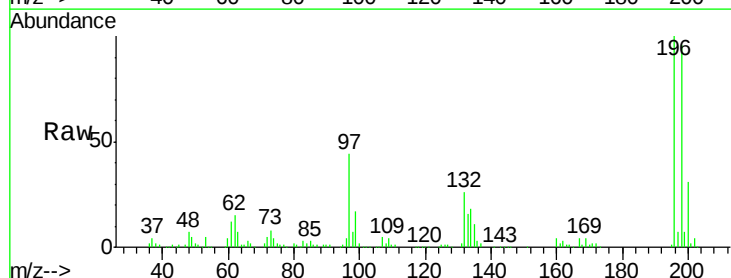
Instrument :
 BNA_F
 ClientSampled :

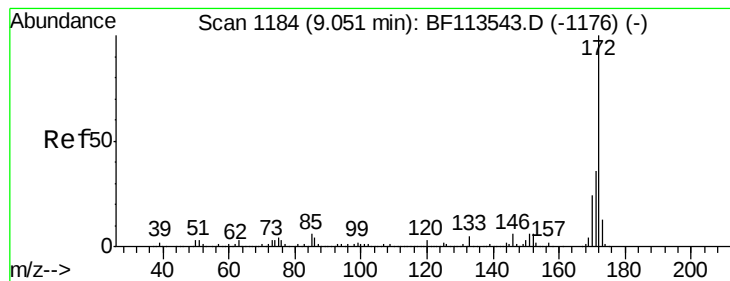
Tot Ion:196 Resp: 175014
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.7 116.5
 200 30.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.766 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:196 Resp: 185145
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.4 113.2
 97 43.9 38.6 58.0
 132 26.2 22.9 34.3

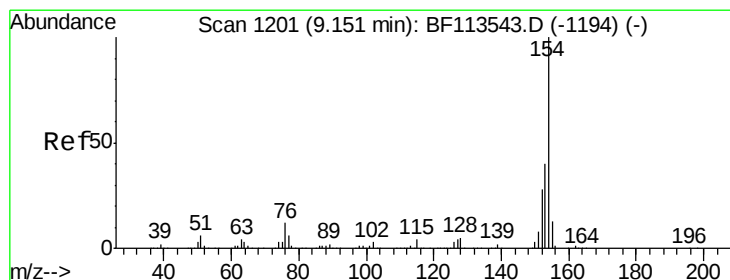
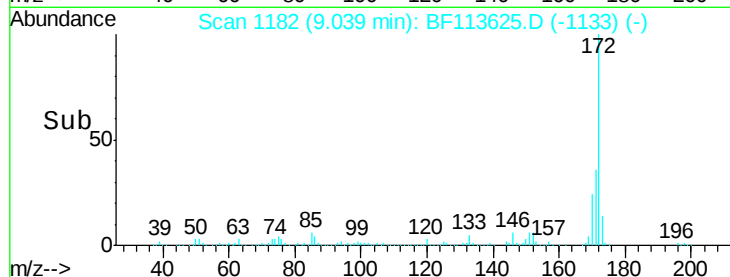
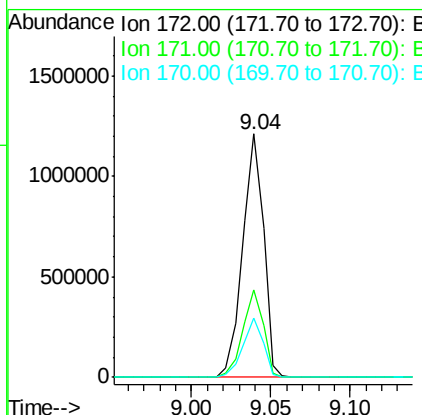
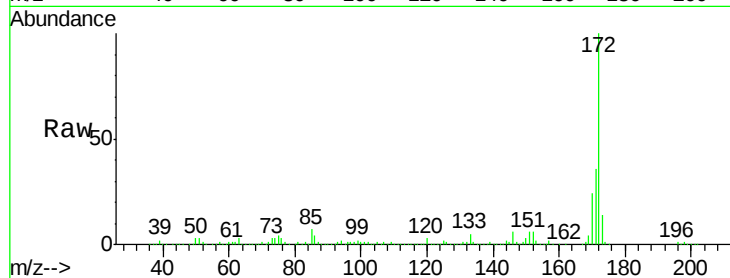




#45
2-Fluorobiphenyl
Concen: 83.604 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

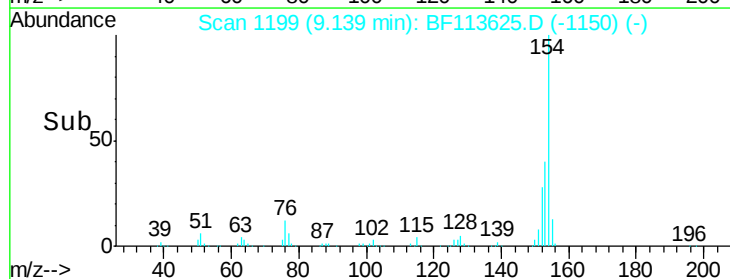
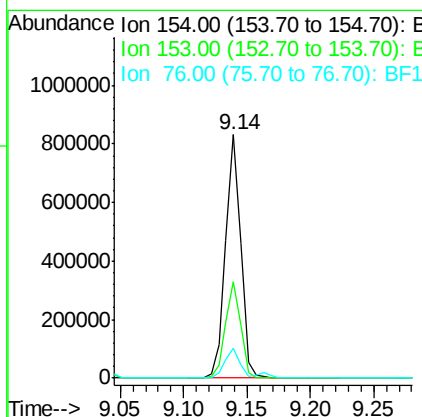
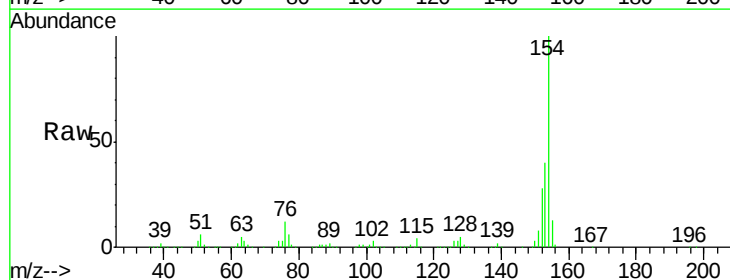
Instrument :
BNA_F
ClientSampleId :

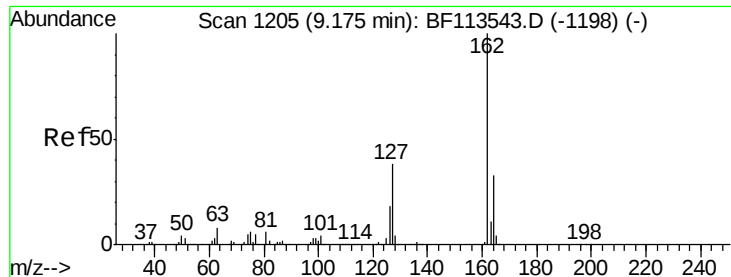
Tot Ion:172 Resp: 1103199
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 39.651 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:154 Resp: 695080
Ion Ratio Lower Upper
154 100
153 39.8 20.8 60.8
76 12.2 0.0 31.9

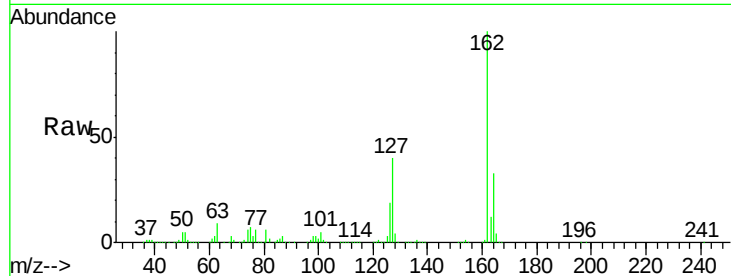




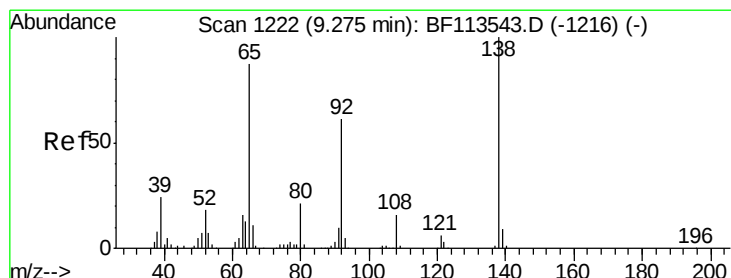
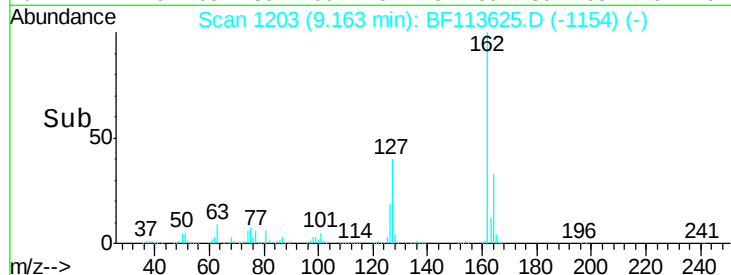
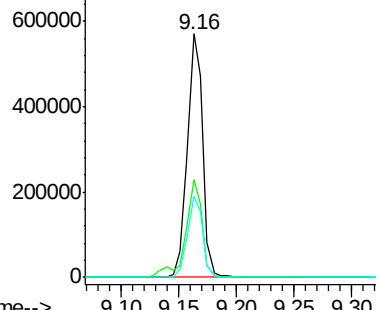
#47
 2-Chloronaphthalene
 Concen: 39.232 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	49.0
164	33.2	26.6	39.8

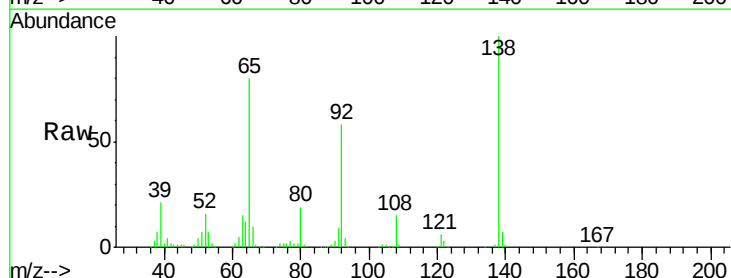


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

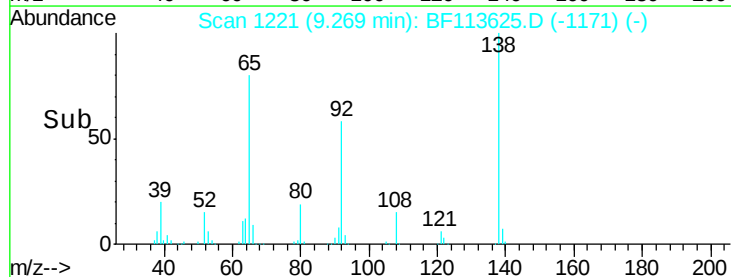
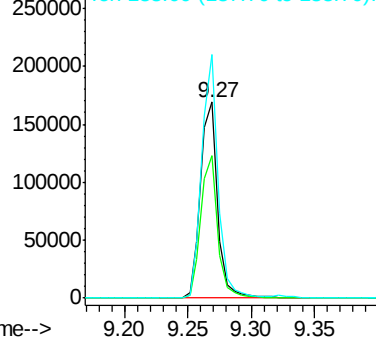


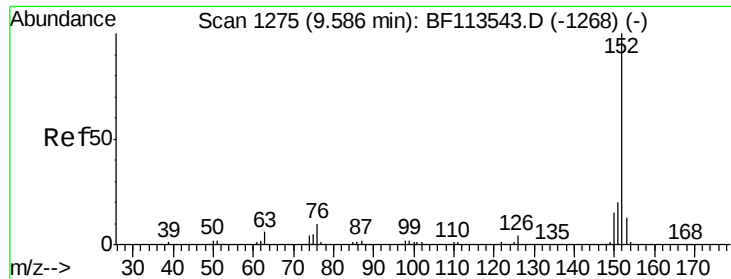
#48
 2-Nitroaniline
 Concen: 39.058 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.8	85.2
138	124.4	92.3	138.5



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





#49

Acenaphthylene

Concen: 39.285 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

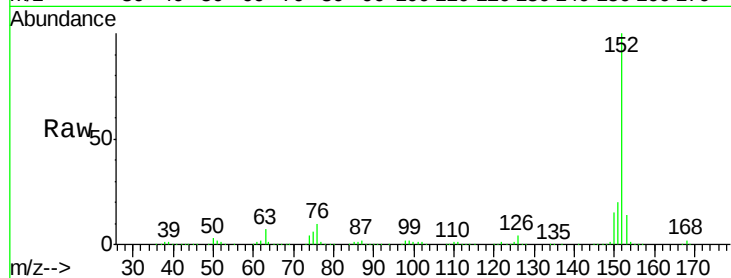
Tot Ion:152 Resp: 847872

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

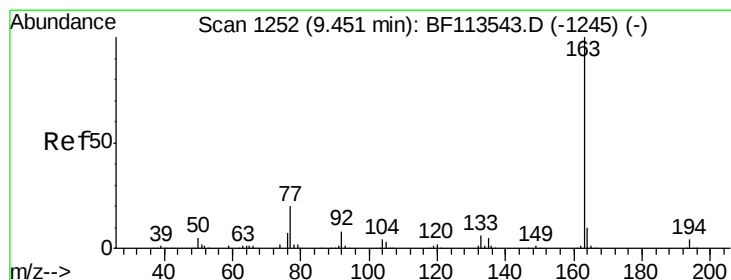
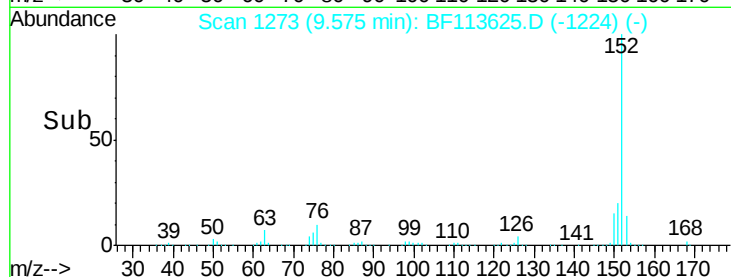
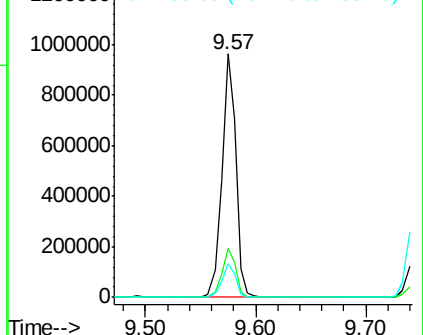
153 13.7 11.0 16.6



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: 39.682 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

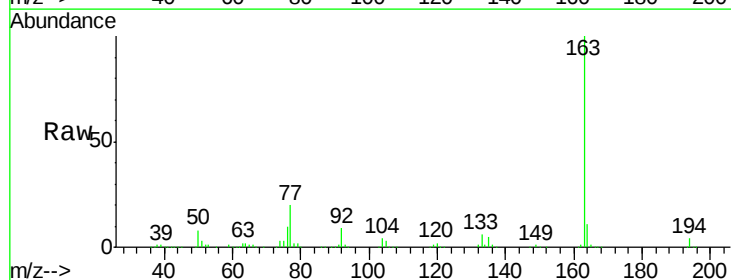
Tgt Ion:163 Resp: 621383

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

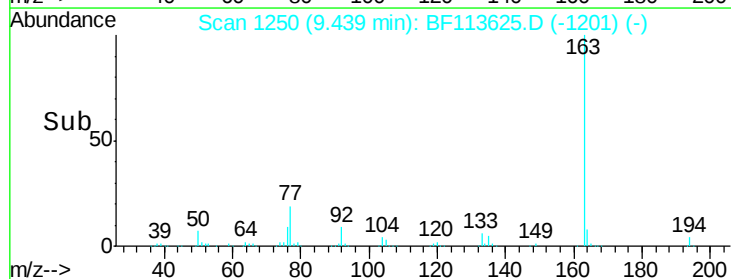
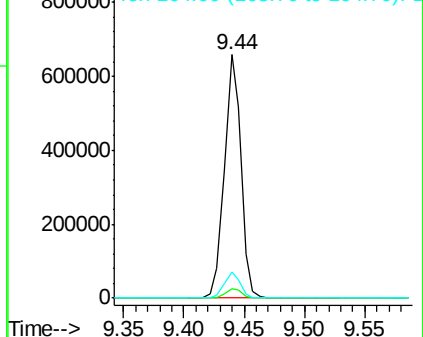
164 10.6 8.1 12.1

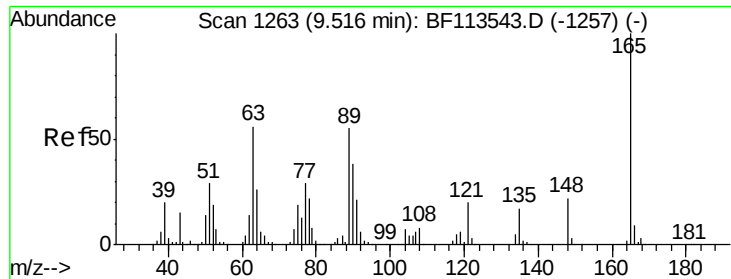


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

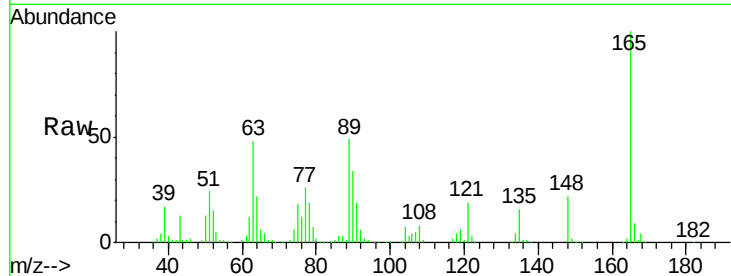




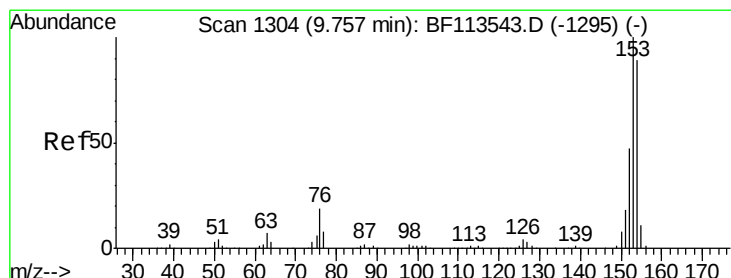
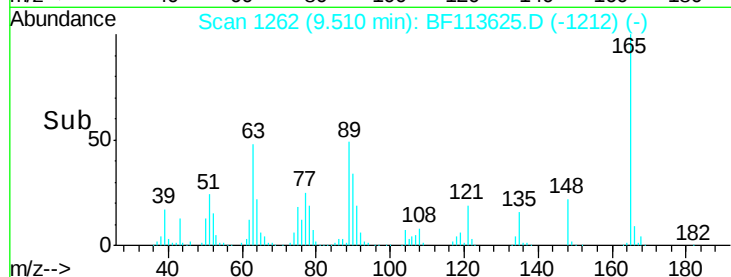
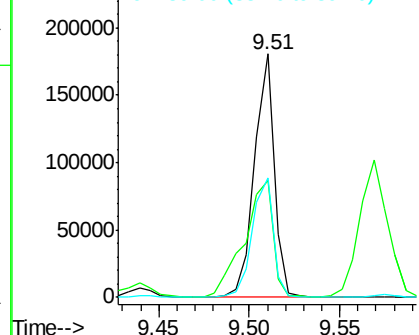
#51
 2,6-Dinitrotoluene
 Concen: 39.957 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	165	Resp	137920
Ion	Ratio	Lower	Upper
165	100		
63	48.2	43.4	65.0
89	49.2	43.1	64.7

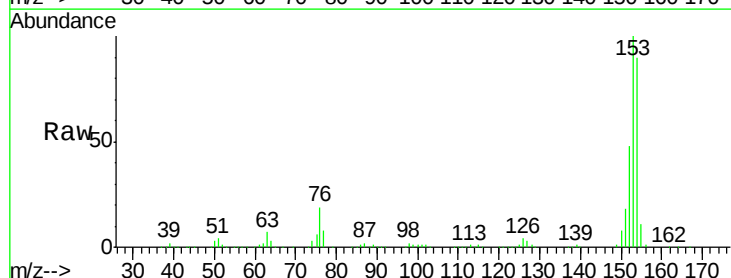


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

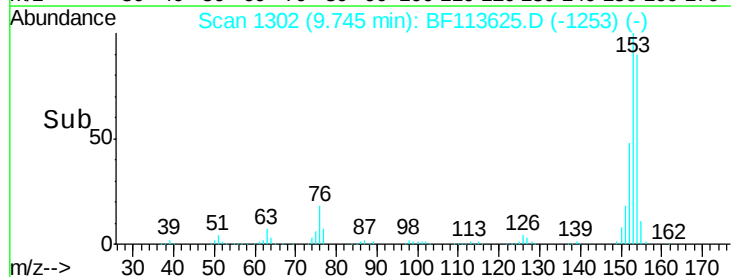
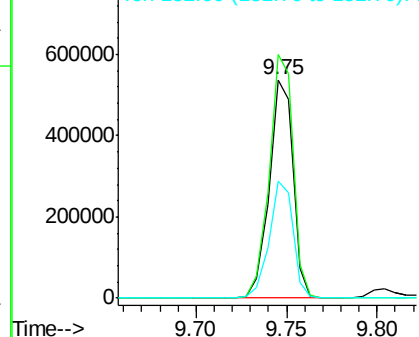


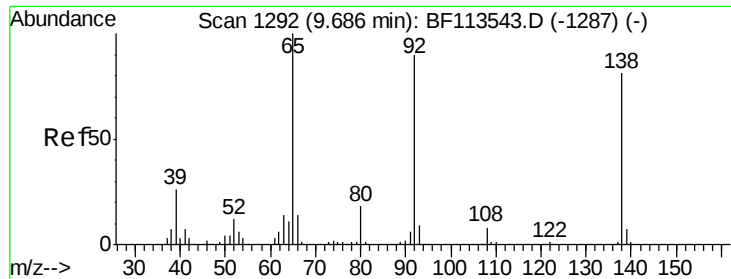
#52
 Acenaphthene
 Concen: 39.933 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion	154	Resp	493350
Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.5	134.3
152	53.4	43.3	64.9



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

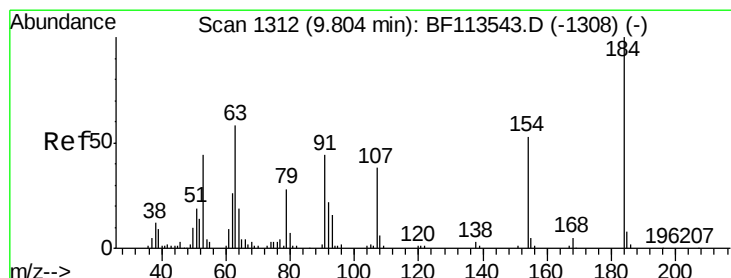
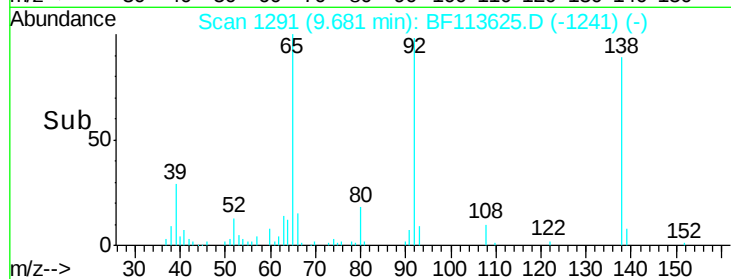
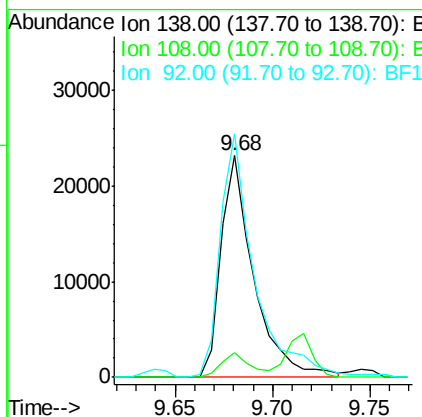
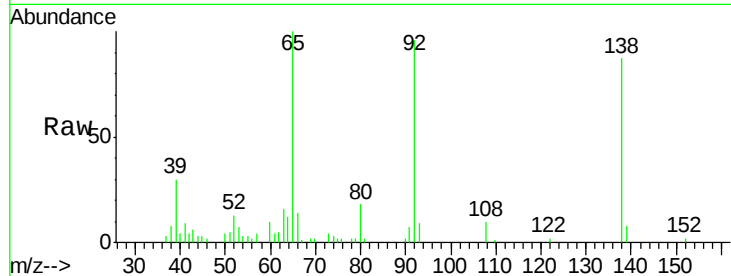




#53
3-Nitroaniline
Concen: 6.909 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

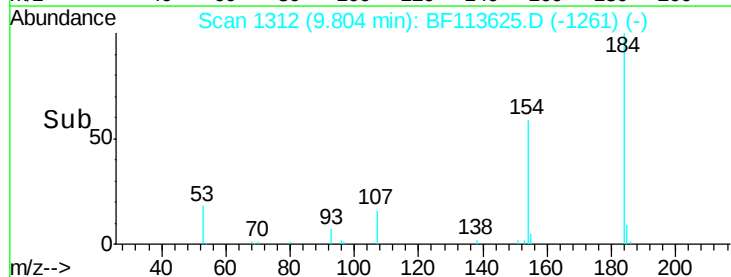
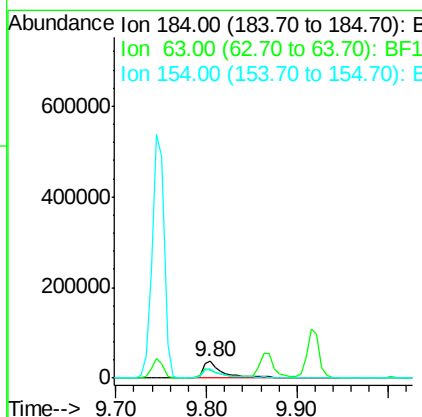
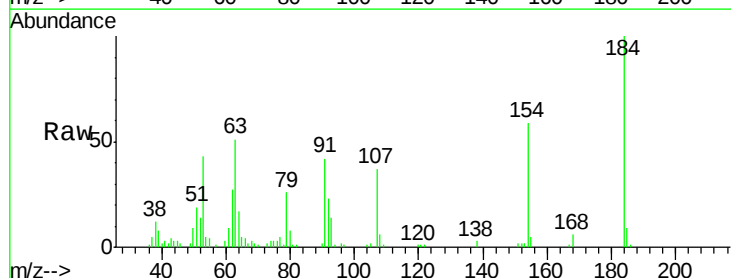
Instrument :
BNA_F
ClientSampleId :

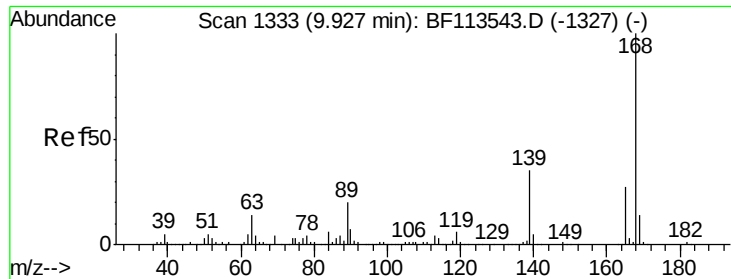
Tot Ion:138 Resp: 27115
Ion Ratio Lower Upper
138 100
108 11.1 7.8 11.6
92 110.0 82.6 124.0



#54
2,4-Dinitrophenol
Concen: 36.049 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:184 Resp: 58215
Ion Ratio Lower Upper
184 100
63 51.2 54.3 81.5#
154 59.1 48.4 72.6

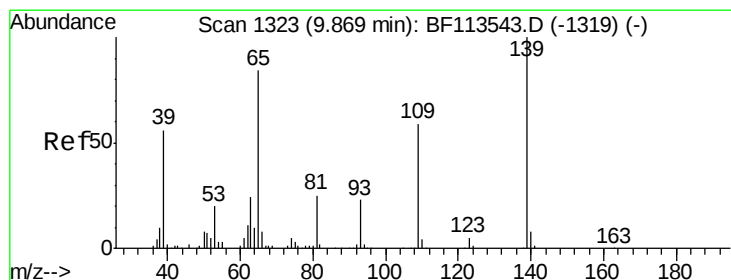
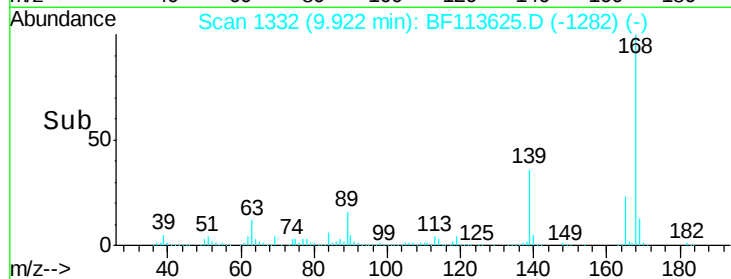
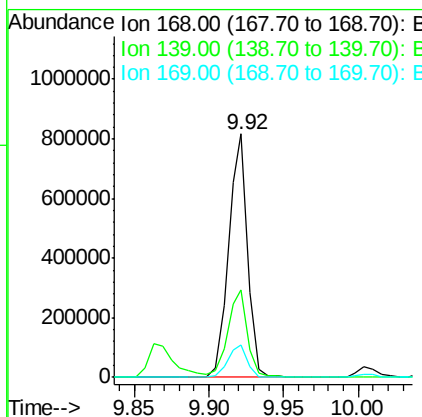
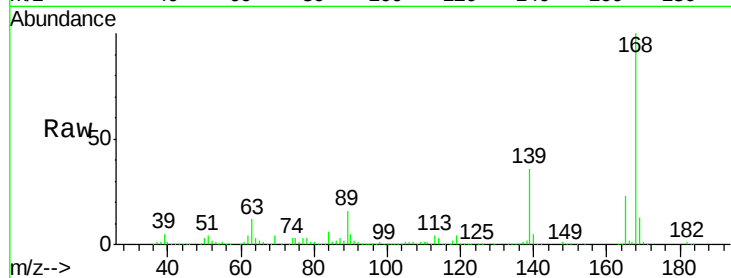




#55
Dibenzenofuran
Concen: 40.556 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

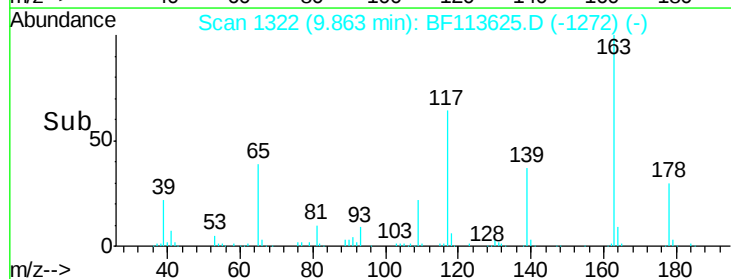
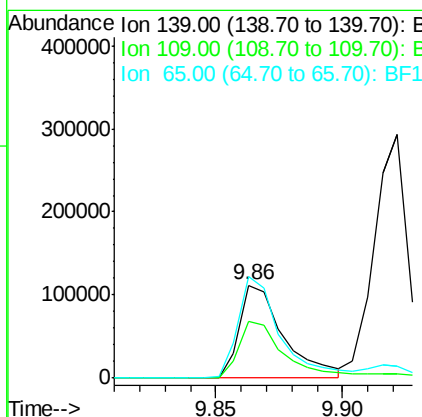
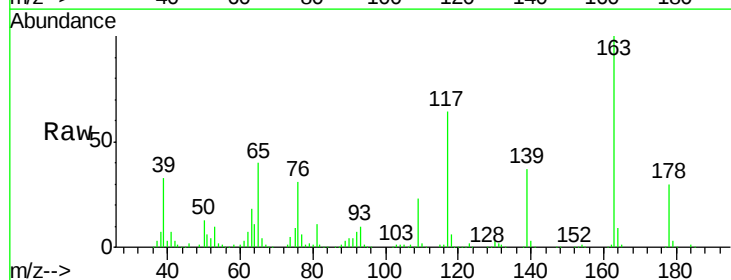
Instrument :
BNA_F
ClientSampled :

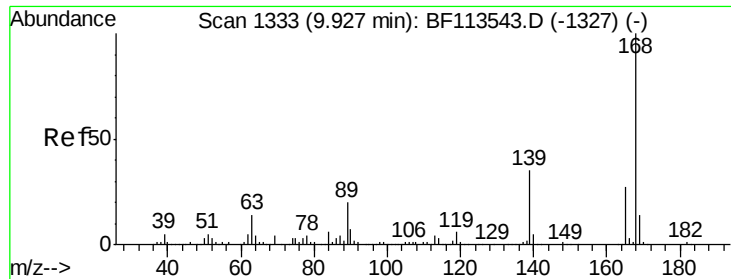
Tot Ion:168 Resp: 734977
Ion Ratio Lower Upper
168 100
139 35.9 29.7 44.5
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 55.999 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:139 Resp: 136326
Ion Ratio Lower Upper
139 100
109 60.9 46.9 86.9
65 108.8 77.2 117.2

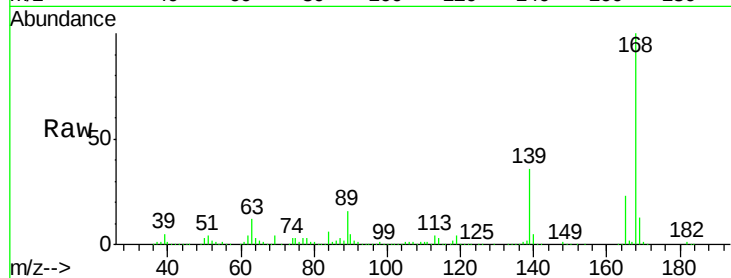




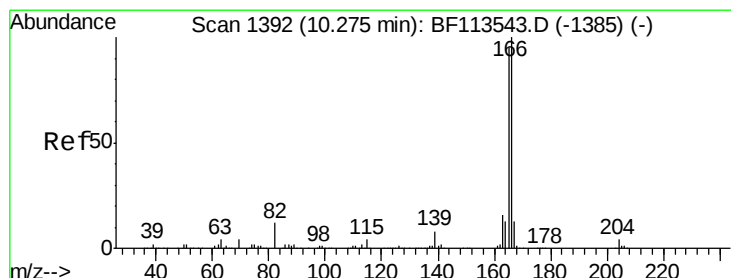
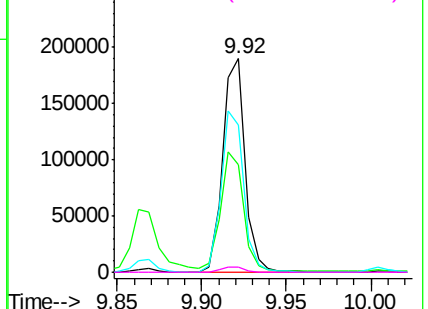
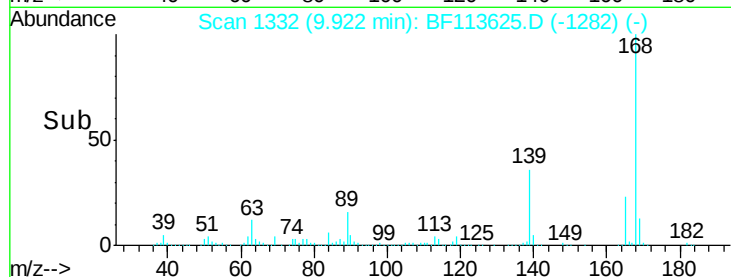
#57
 2,4-Dinitrotoluene
 Concen: 41.928 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	175032
Ion	Ratio	Lower	Upper
165	100		
63	50.5	37.5	56.3
89	69.0	57.4	86.2
182	2.3	2.0	3.0

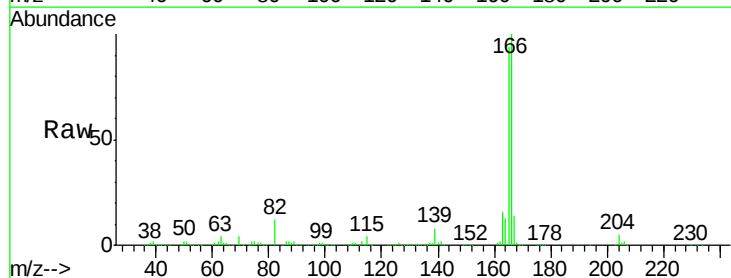


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

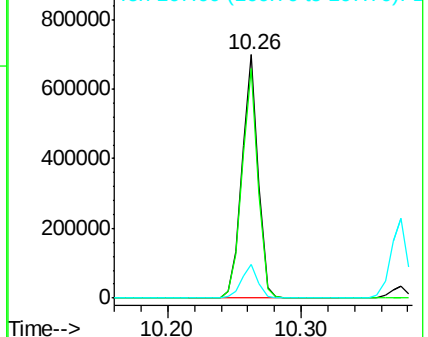
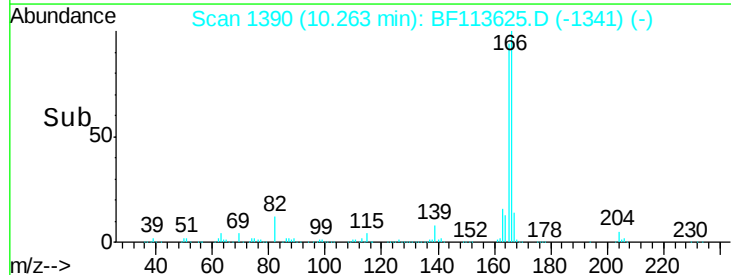


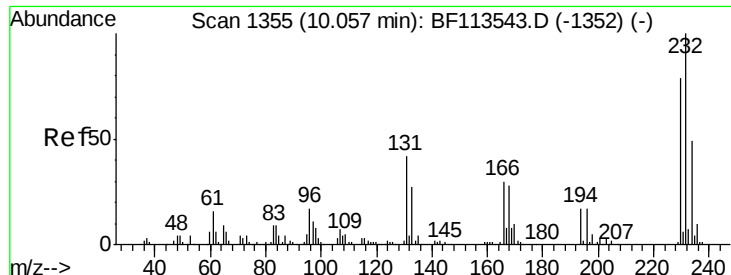
#58
 Fluorene
 Concen: 41.023 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:	166	Resp:	588006
Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.2	114.2
167	13.6	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.698 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 155954

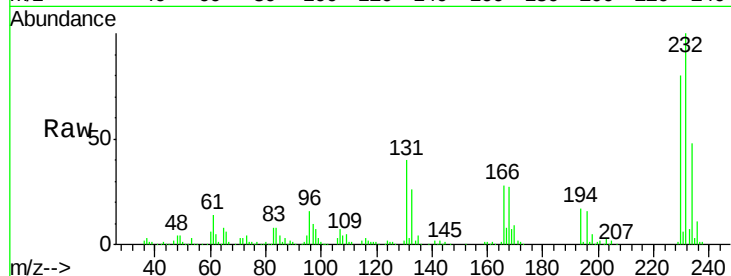
Ion Ratio Lower Upper

232 100

131 41.5 33.2 49.8

130 2.0 1.6 2.4

166 28.4 21.0 31.6

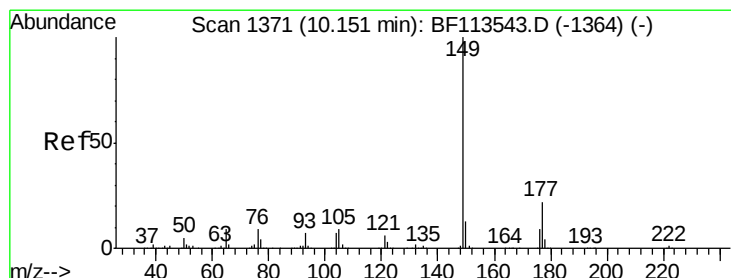
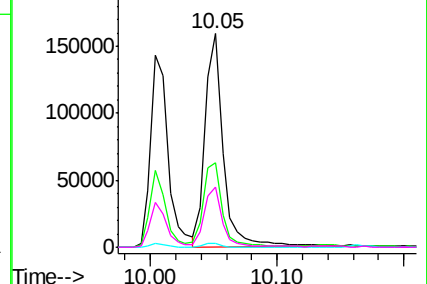
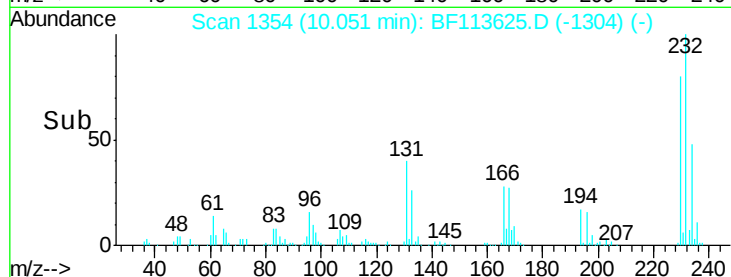


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.627 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

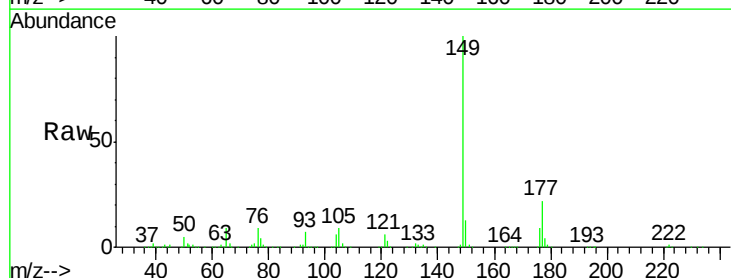
Tgt Ion:149 Resp: 628477

Ion Ratio Lower Upper

149 100

177 22.3 17.4 26.0

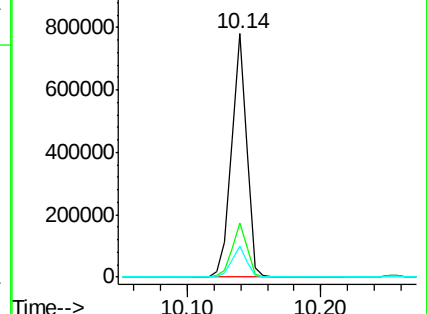
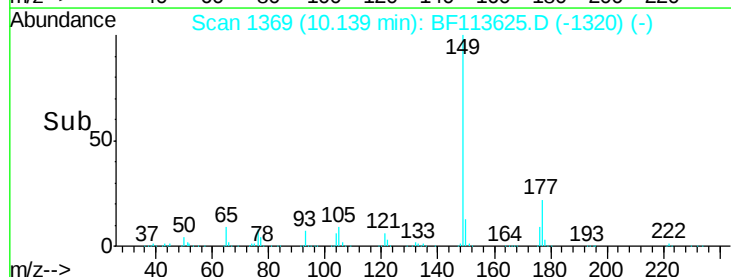
150 12.6 10.0 15.0

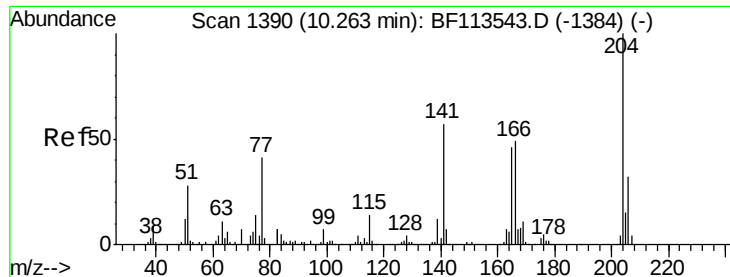


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

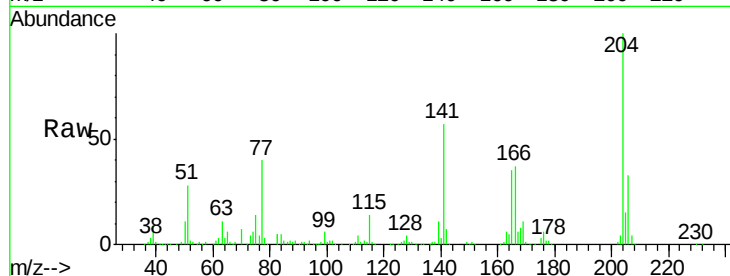




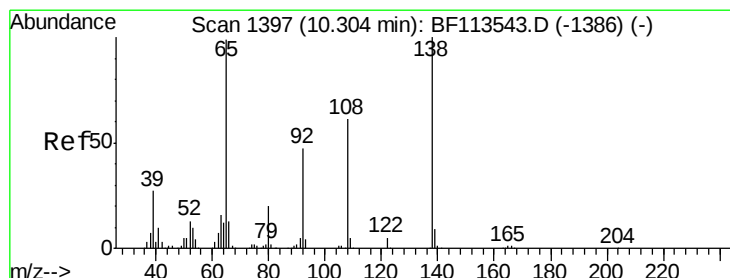
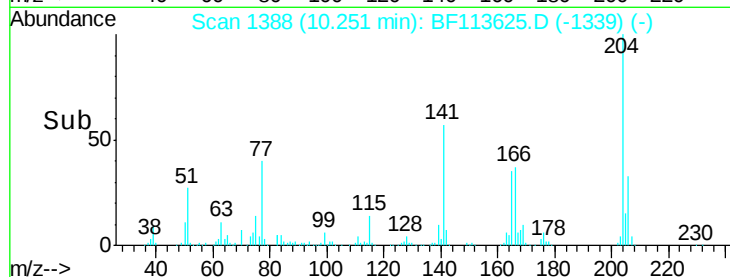
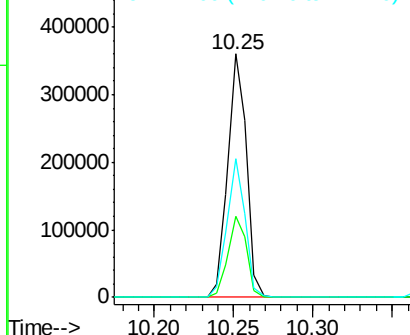
#61
 4-Chlorophenyl-phenylether
 Concen: 41.827 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 294891
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.9 40.3
 141 56.8 48.8 73.2

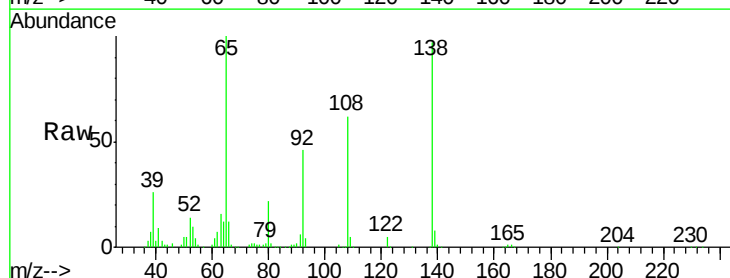


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

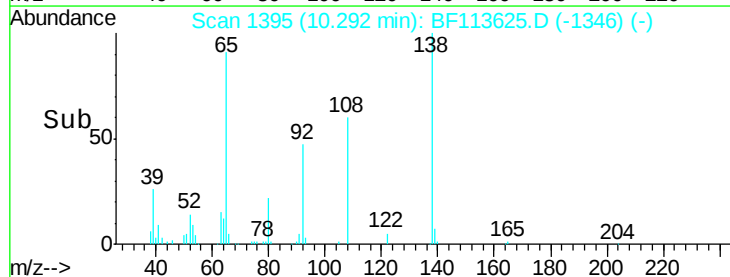
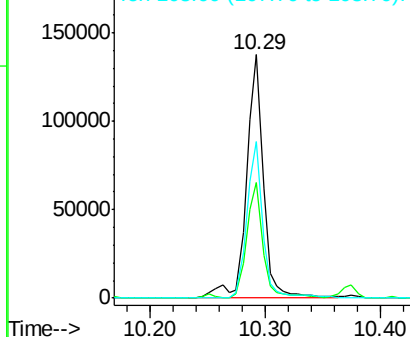


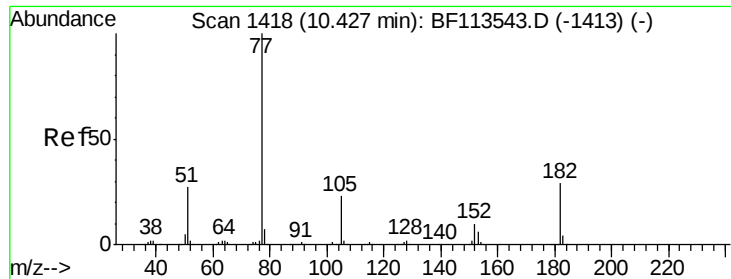
#62
 4-Nitroaniline
 Concen: 35.282 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:138 Resp: 140800
 Ion Ratio Lower Upper
 138 100
 92 47.6 25.8 65.8
 108 64.2 44.0 84.0



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





#63

Azobenzene

Concen: 40.084 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 573009

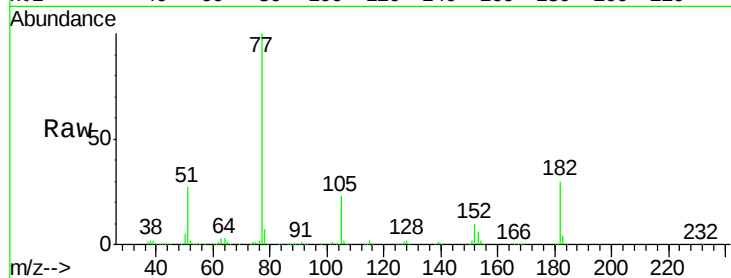
Ion Ratio Lower Upper

77 100

182 29.9 8.7 48.7

105 23.4 2.9 42.9

51 27.3 8.8 48.8

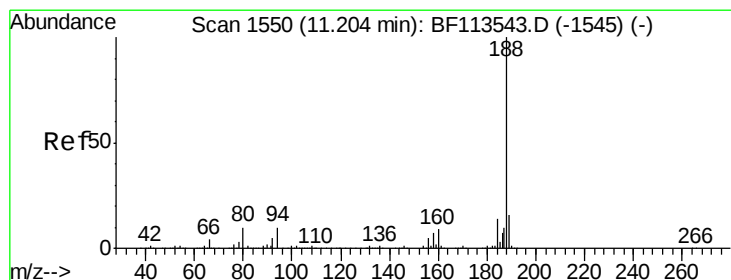
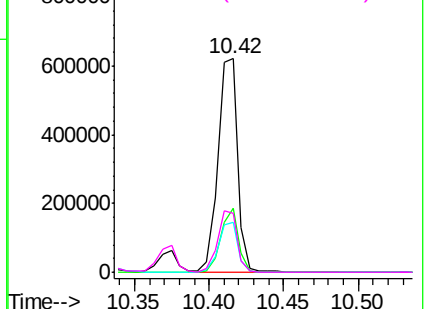
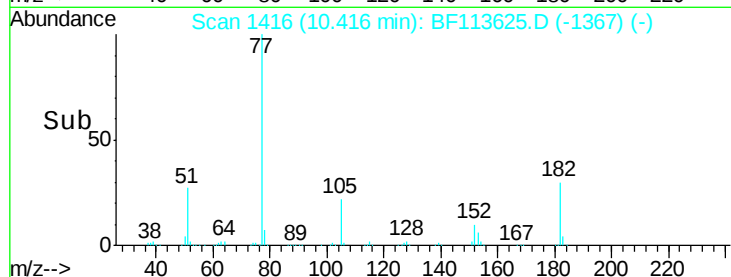


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

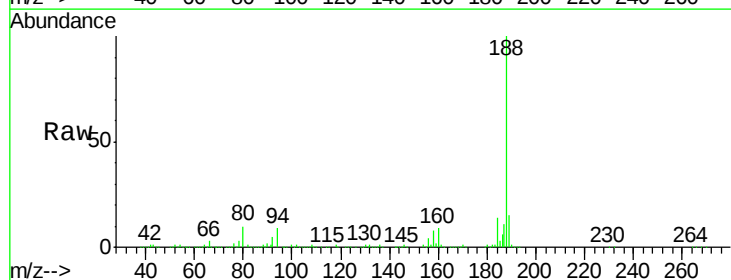
Tgt Ion: 188 Resp: 436272

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

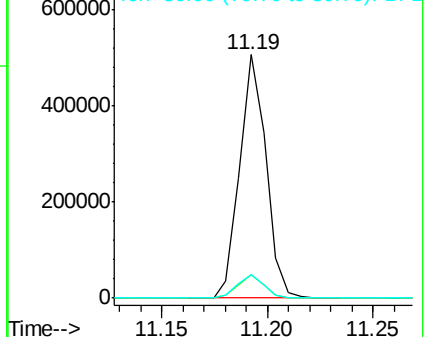
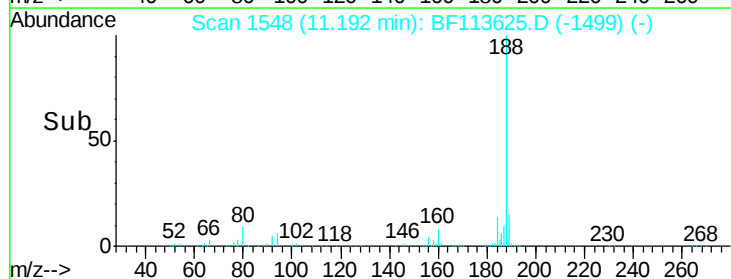
80 9.7 7.7 11.5



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: 22.342 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

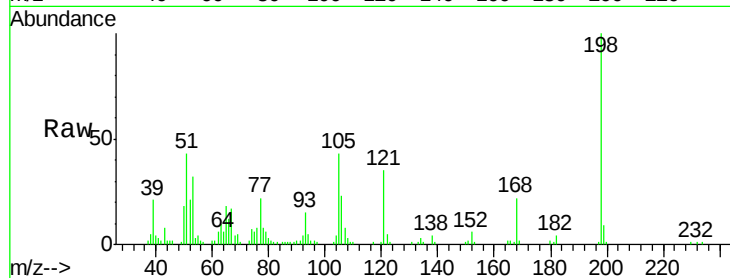
Tot Ion:198 Resp: 51314

Ion Ratio Lower Upper

198 100

51 43.3 21.6 61.6

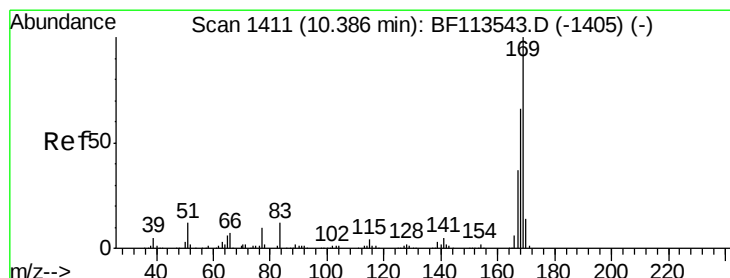
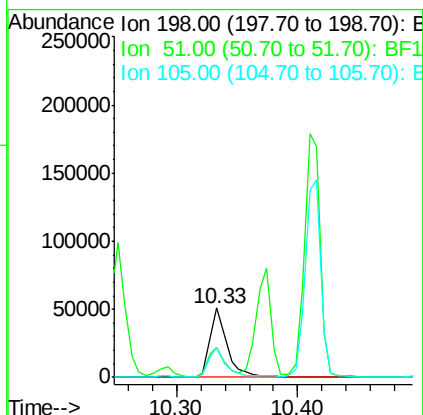
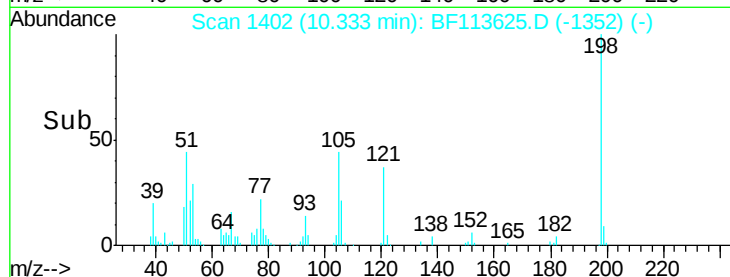
105 42.8 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.784 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

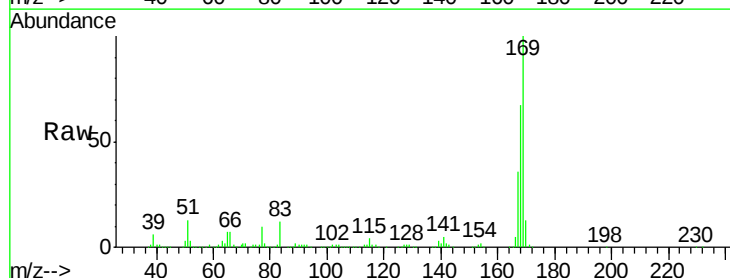
Tgt Ion:169 Resp: 532845

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

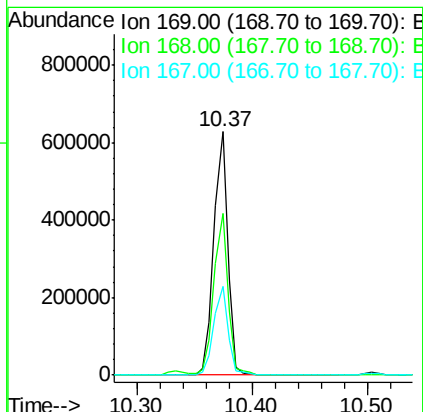
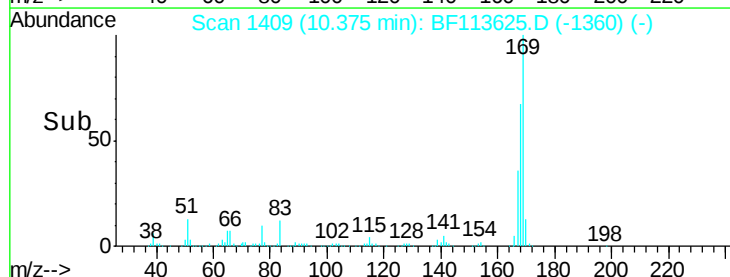
167 36.3 29.5 44.3

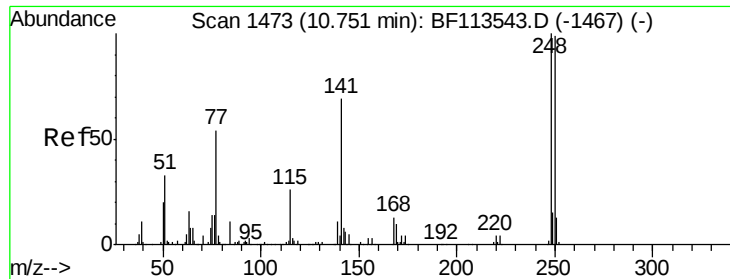


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

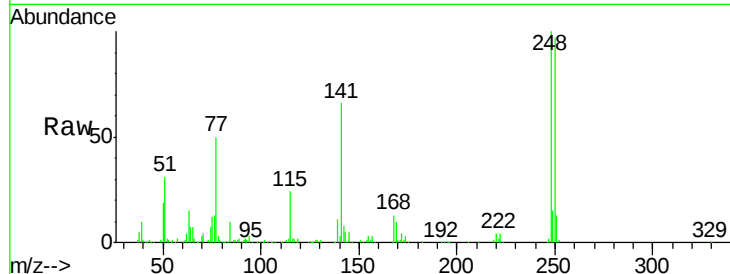




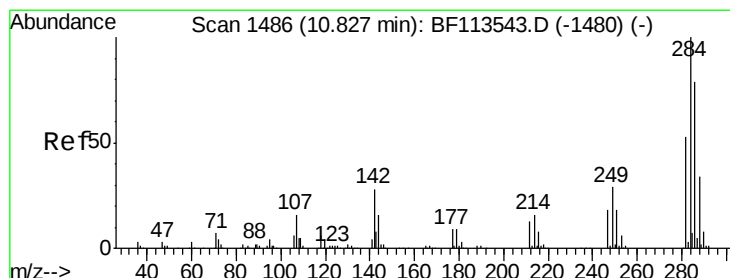
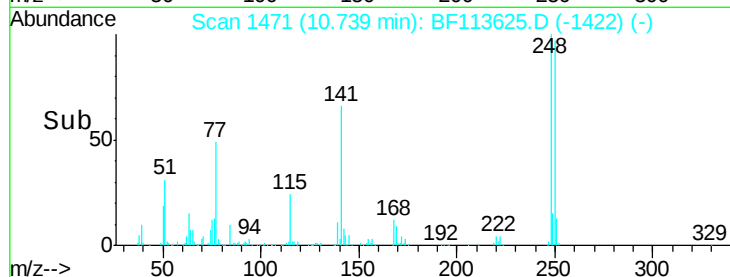
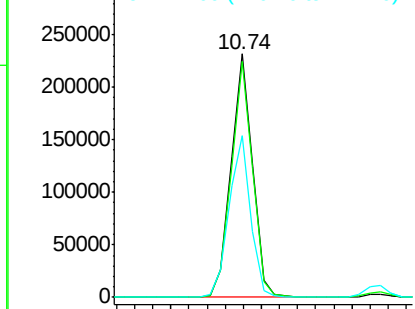
#67
4-Bromophenyl-phenylether
Concen: 39.125 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	66.2	56.2	84.4

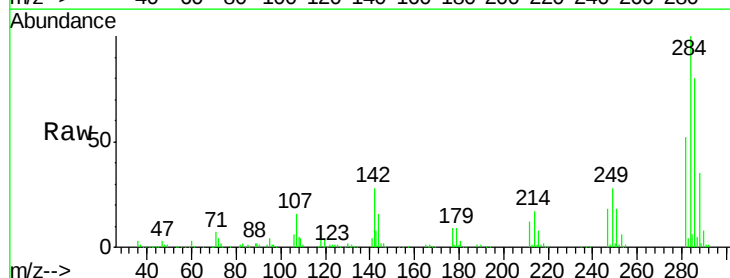


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

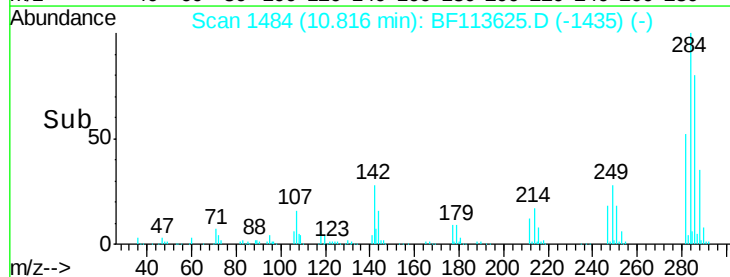
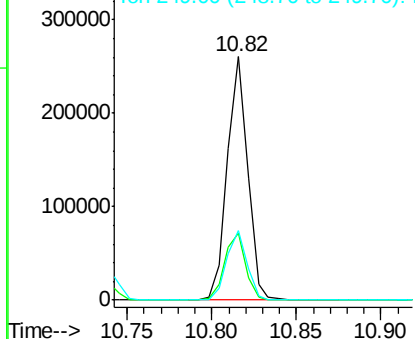


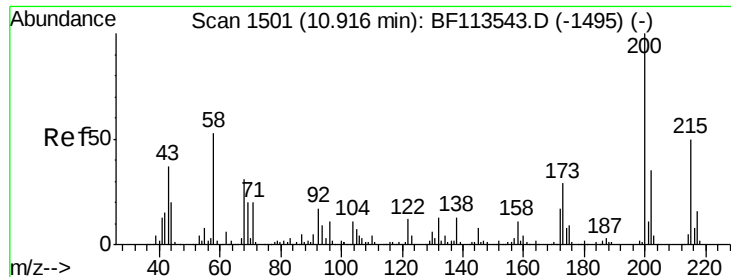
#68
Hexachlorobenzene
Concen: 38.905 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	20.1	30.1
249	28.4	22.7	34.1



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





#69

Atrazine

Concen: 39.900 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

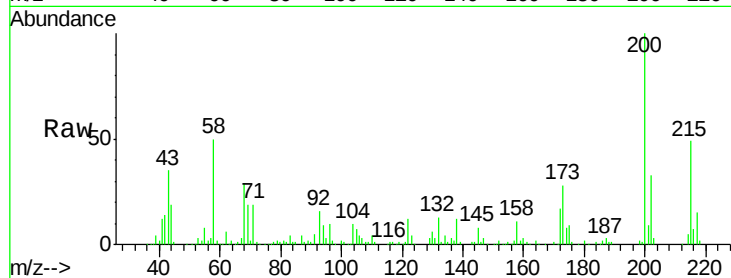
Tot Ion:200 Resp: 168439

Ion Ratio Lower Upper

200 100

173 27.5 6.0 46.0

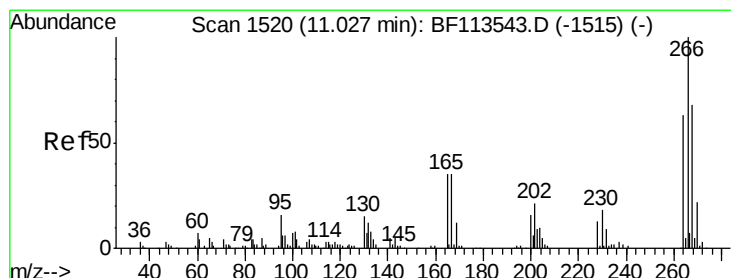
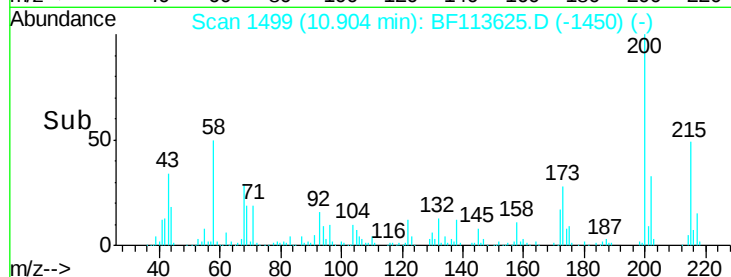
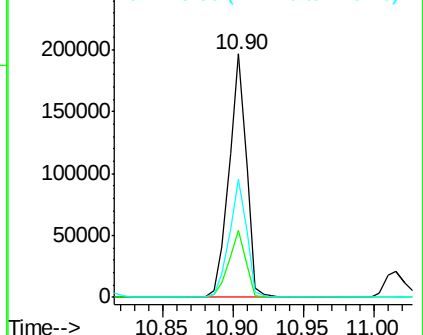
215 48.7 31.3 71.3



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: 59.576 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

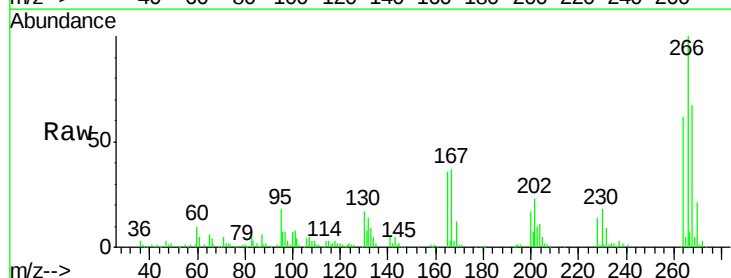
Tgt Ion:266 Resp: 157391

Ion Ratio Lower Upper

266 100

268 66.6 53.8 80.6

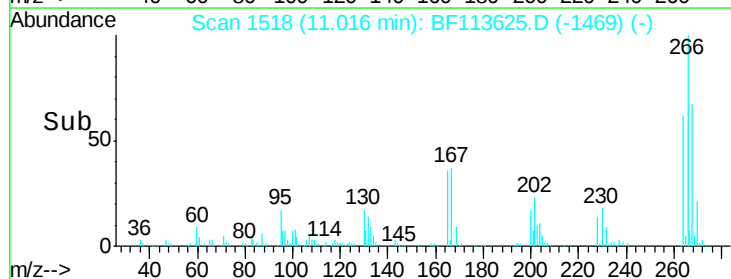
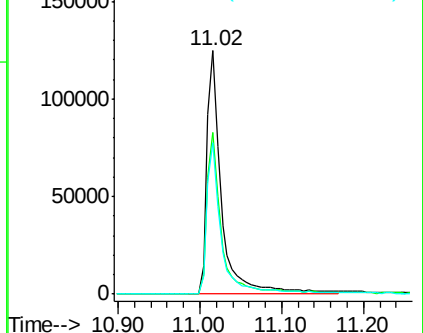
264 62.0 49.2 73.8

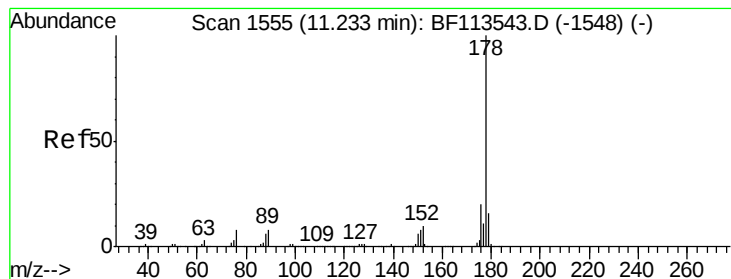


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.011 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

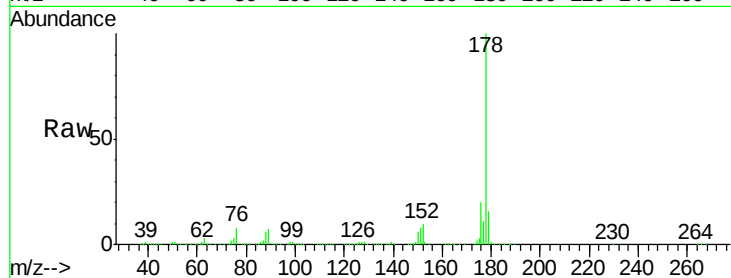
Tot Ion:178 Resp: 867382

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

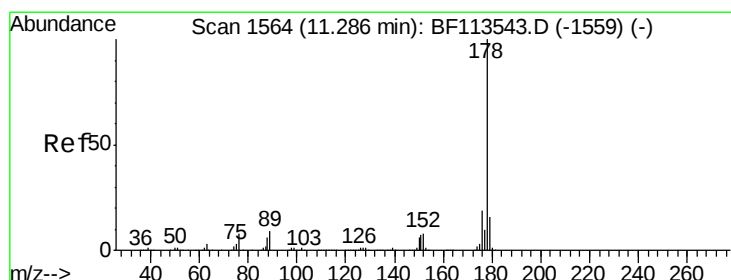
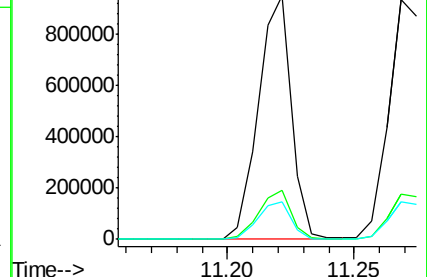
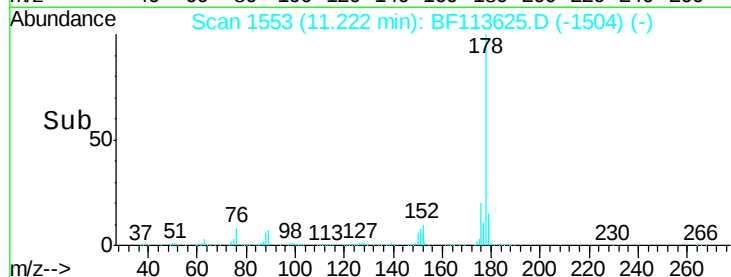
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.206 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

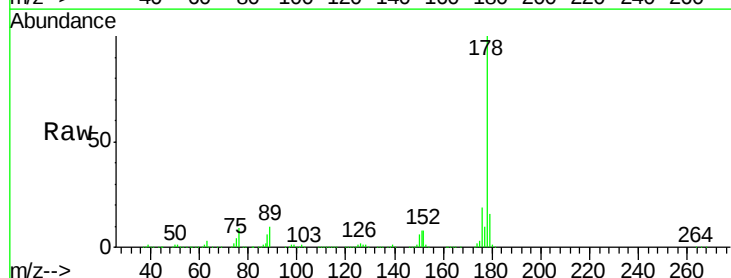
Tgt Ion:178 Resp: 908859

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

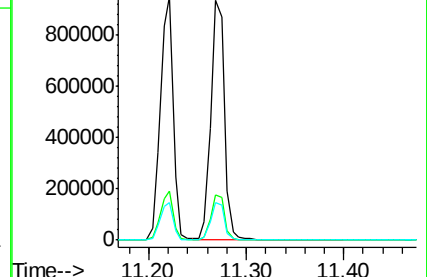
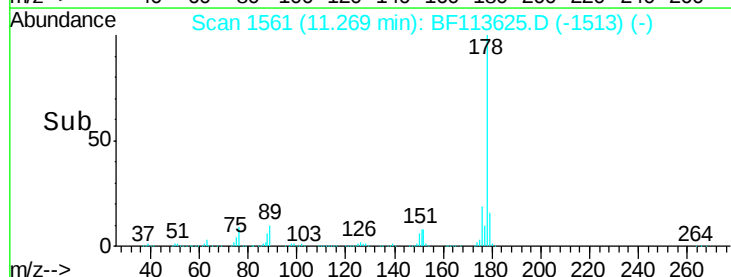
179 15.9 12.8 19.2

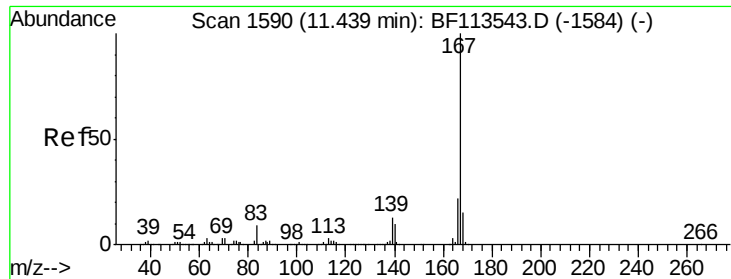


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

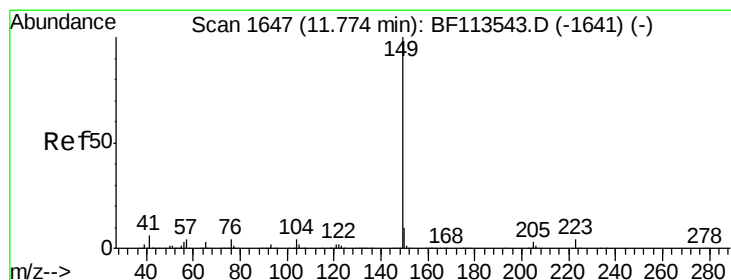
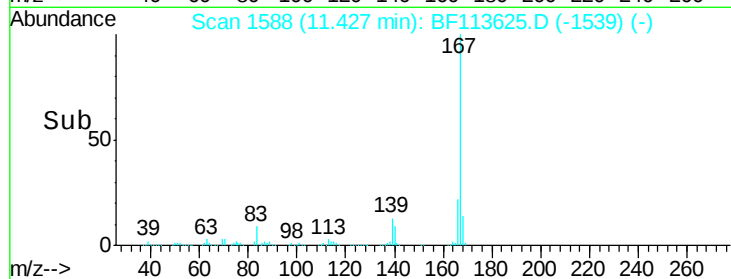
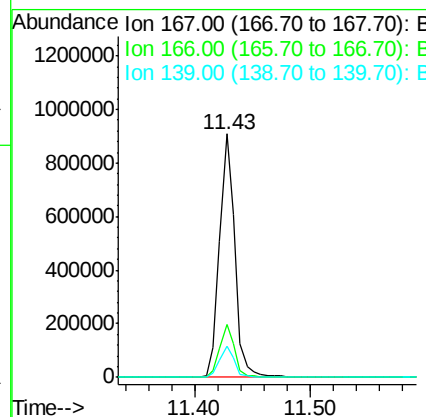
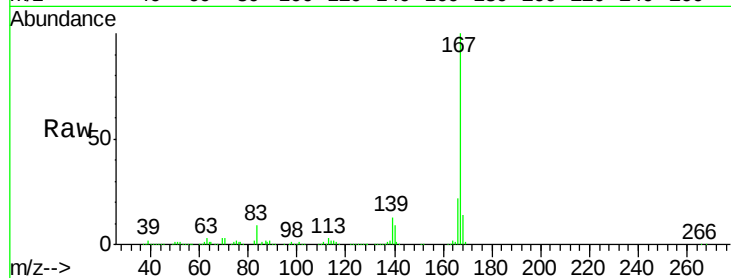




#73
 Carbazole
 Concen: 40.443 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

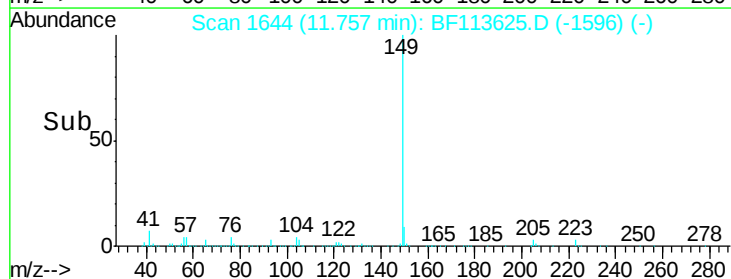
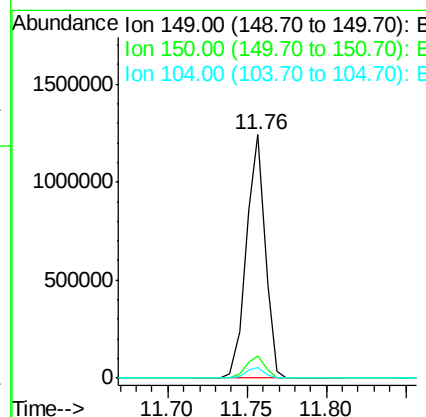
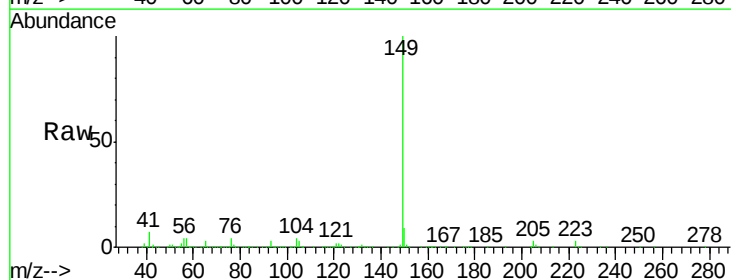
Instrument :
 BNA_F
 ClientSampleId :

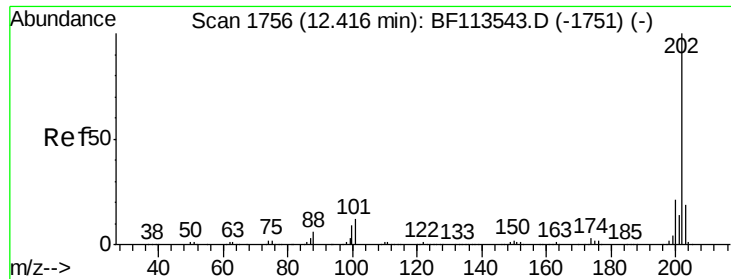
Tot Ion:167 Resp: 834294
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.5 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 41.575 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:149 Resp: 1020253
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.2 3.7 5.5





#75

Fluoranthene

Concen: 40.866 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampled :

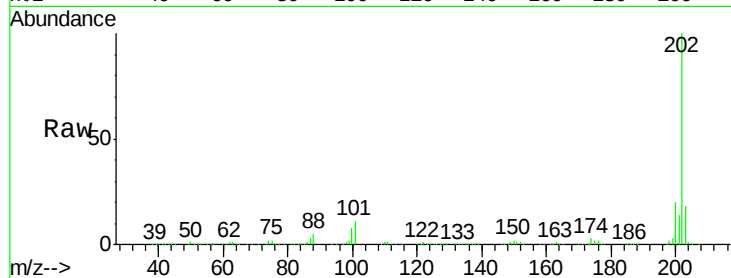
Tot Ion:202 Resp: 949322

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

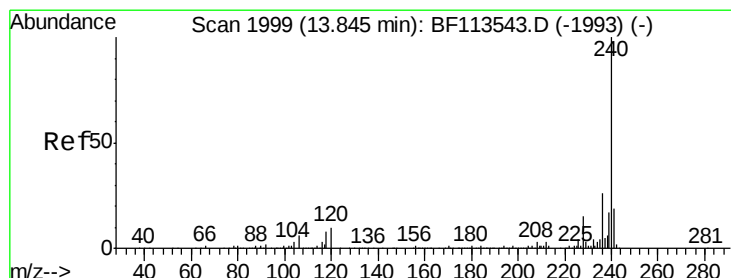
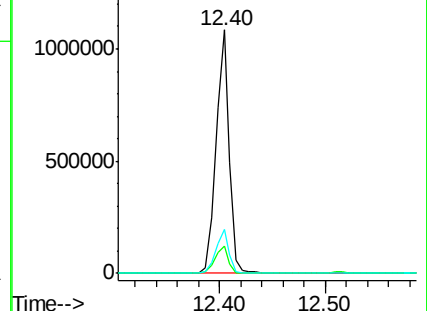
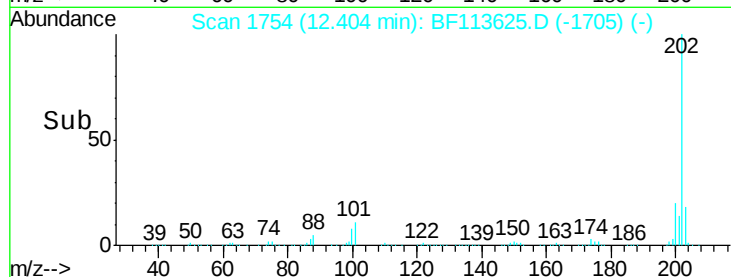
203 18.0 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

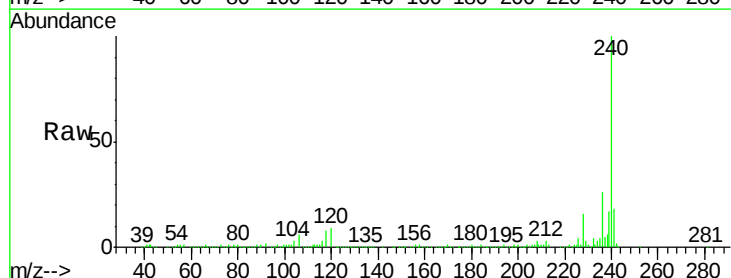
Tgt Ion:240 Resp: 318854

Ion Ratio Lower Upper

240 100

120 9.1 8.8 13.2

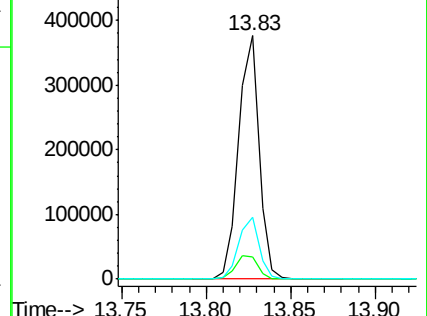
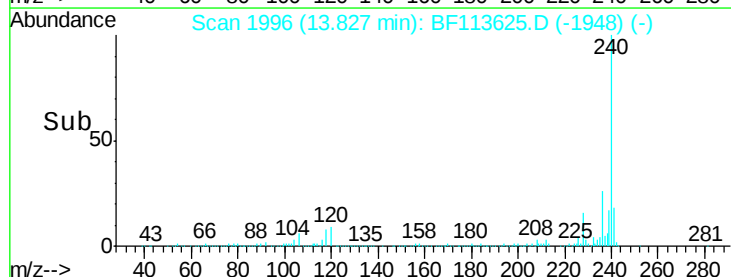
236 25.6 20.9 31.3

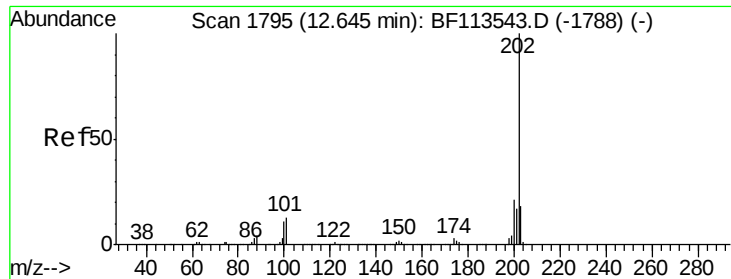


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

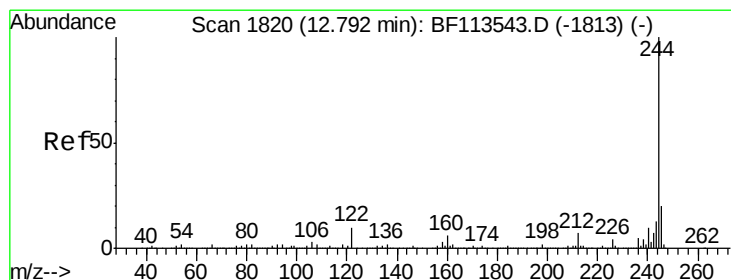
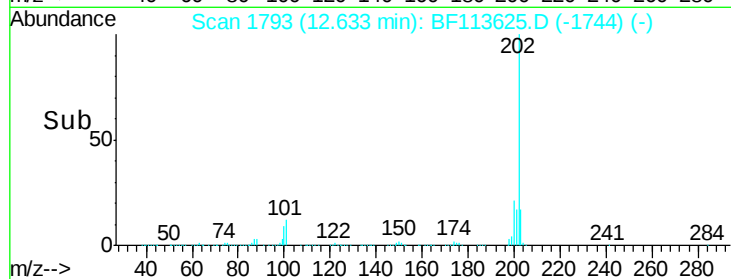
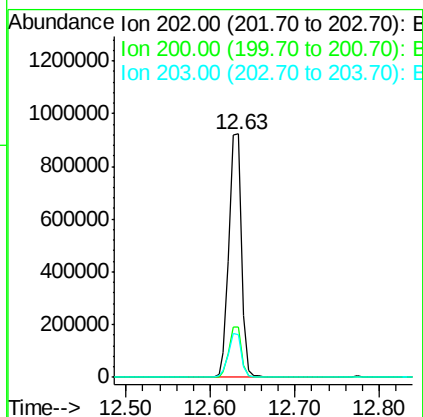
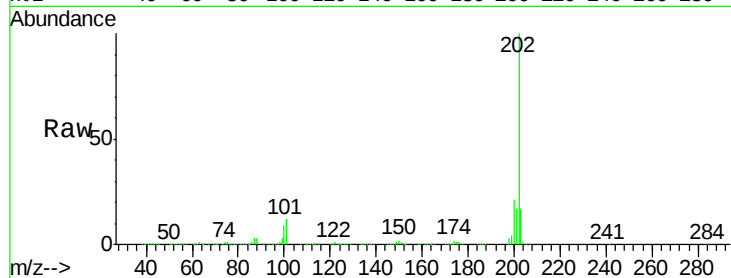




#78
Pvrene
Concen: 39.124 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

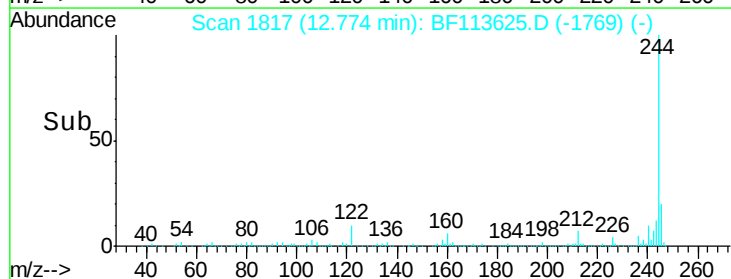
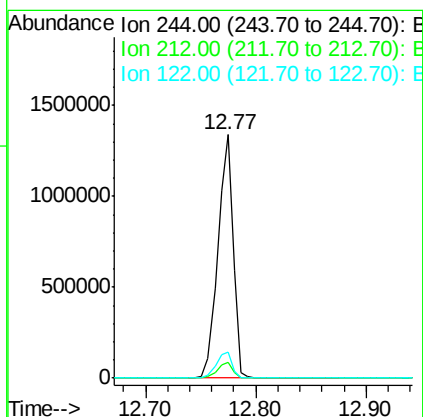
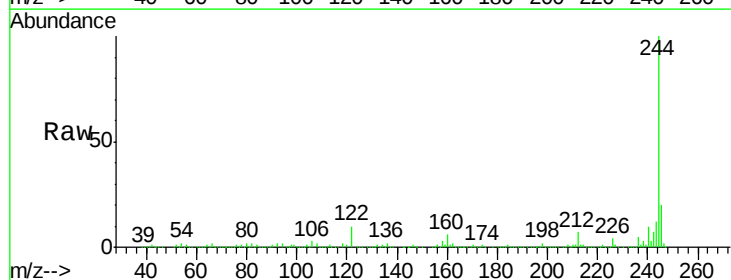
Instrument :
BNA_F
ClientSampleId :

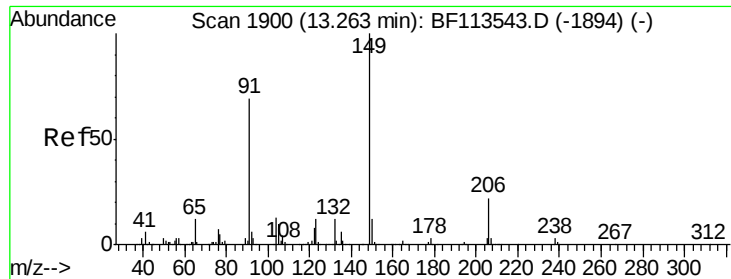
Tot Ion:202 Resp: 949192
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.3 14.4 21.6



#79
Terphenyl-d14
Concen: 81.875 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:244 Resp: 1282223
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 10.5 8.6 13.0

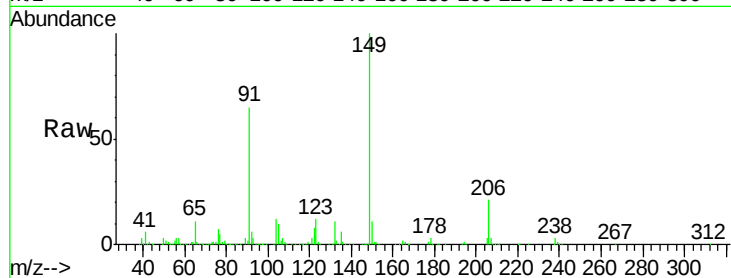




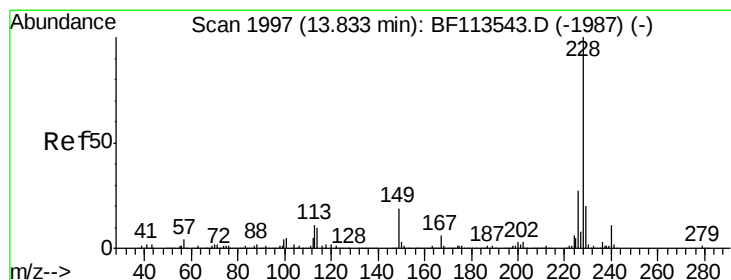
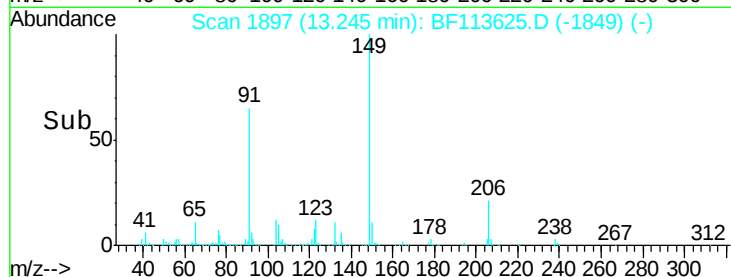
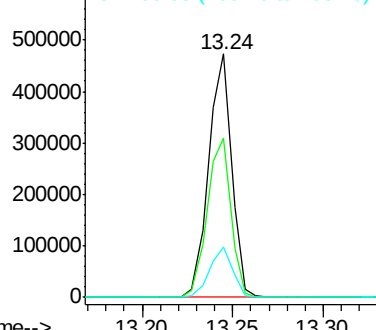
#80
Butylbenzylphthalate
Concen: 42.345 ng
RT: 13.24 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	55.2	82.8
206	20.9	16.1	24.1

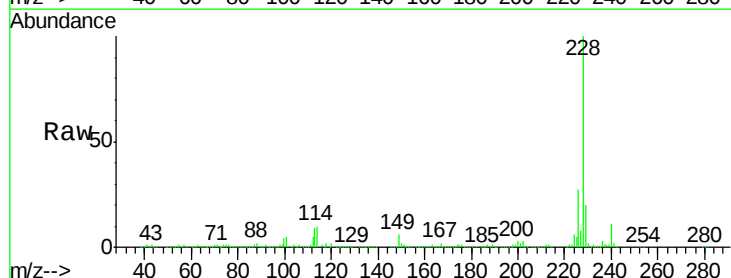


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

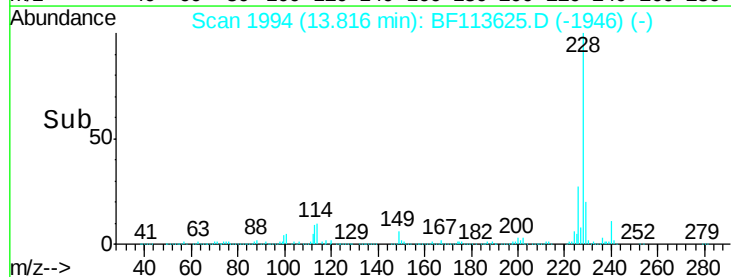
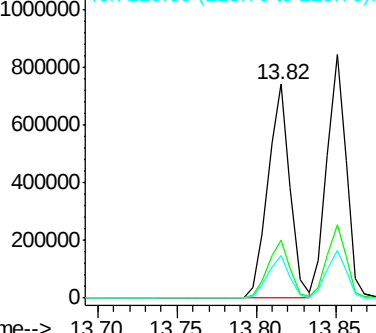


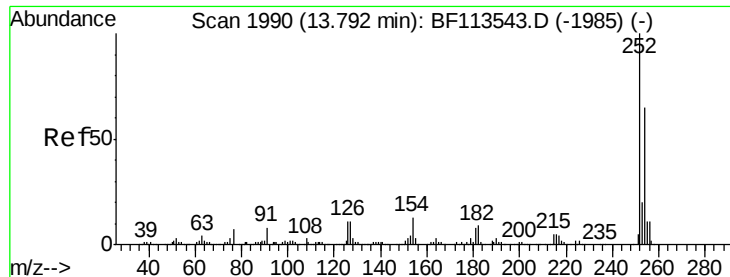
#81
Benzo(a)anthracene
Concen: 38.299 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.9	16.2	24.4



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: 7.308 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

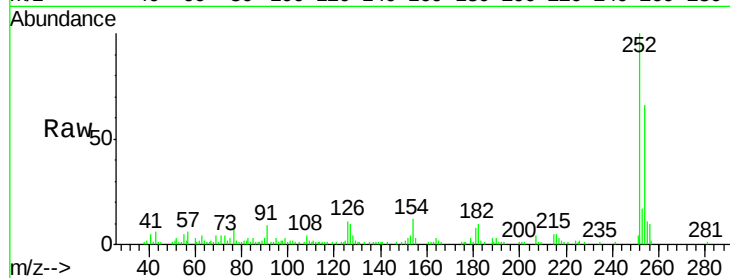
Tot Ion:252 Resp: 51770

Ion Ratio Lower Upper

252 100

254 65.7 52.2 78.2

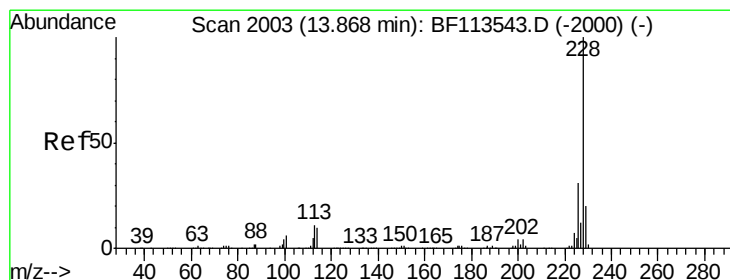
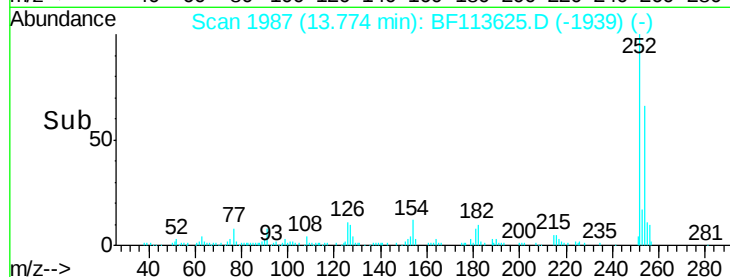
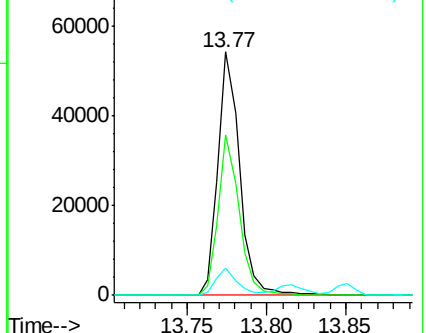
126 11.0 8.5 12.7



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: 38.712 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

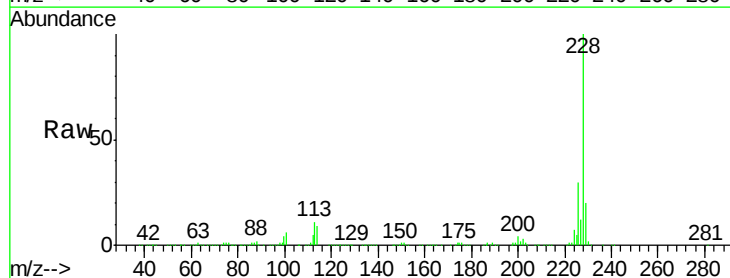
Tgt Ion:228 Resp: 721811

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

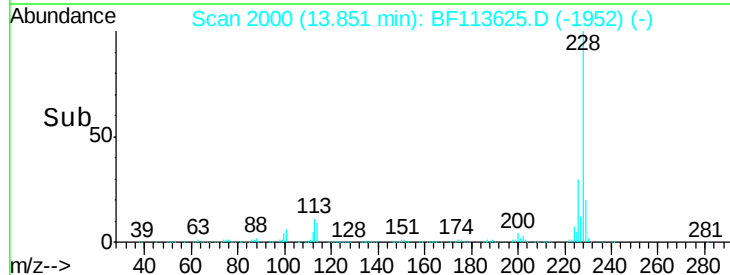
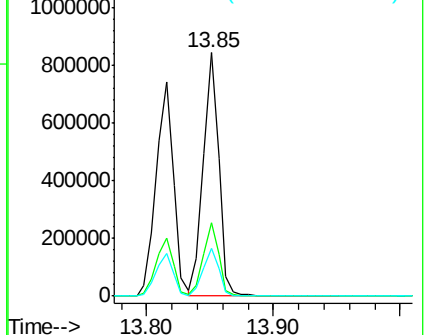
229 19.8 16.3 24.5

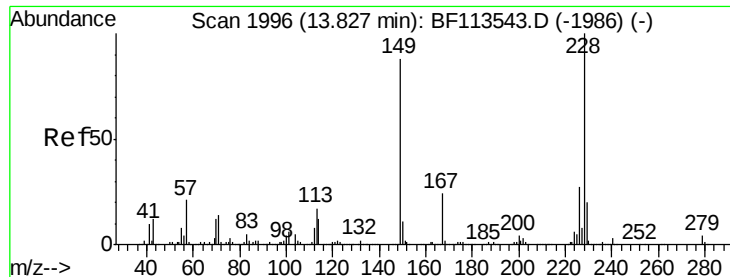


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.756 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

Instrument :

BNA_F

ClientSampleId :

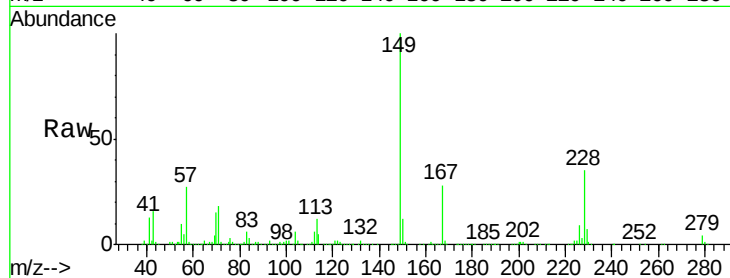
Tot Ion:149 Resp: 546344

Ion Ratio Lower Upper

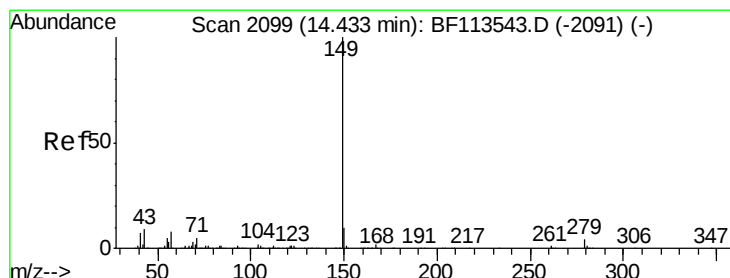
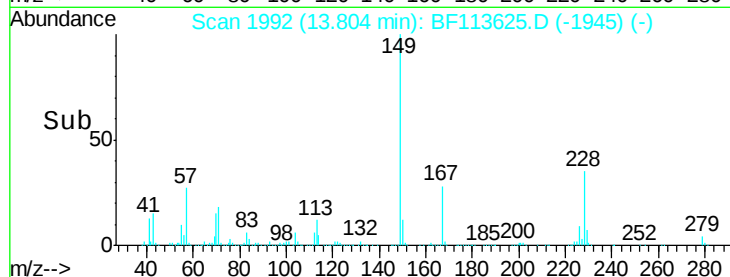
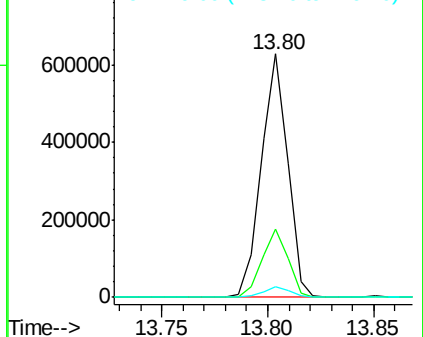
149 100

167 27.9 21.8 32.8

279 4.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.782 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113625.D

Acq: 5 Apr 2019 19:59

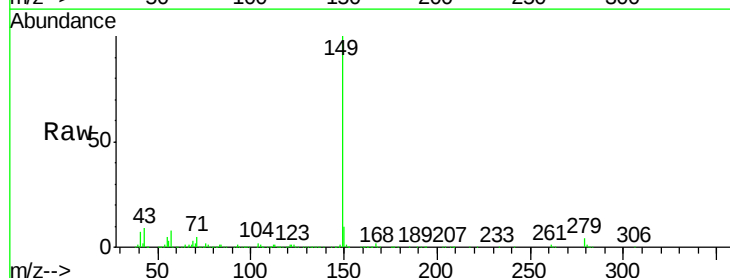
Tgt Ion:149 Resp: 869177

Ion Ratio Lower Upper

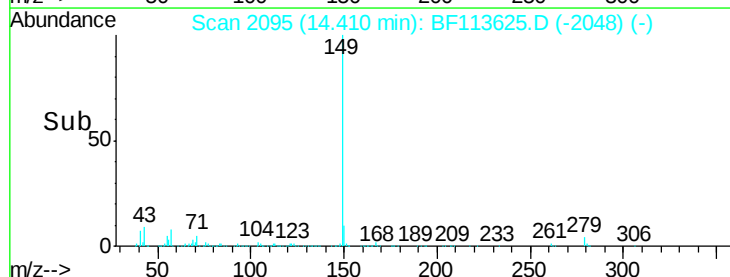
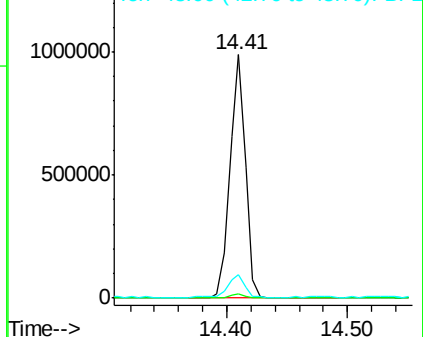
149 100

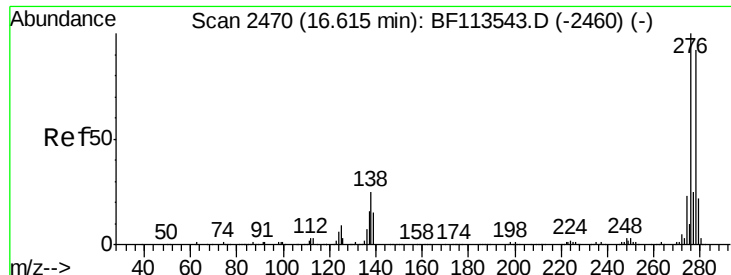
167 1.7 1.3 1.9

43 9.4 7.7 11.5



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

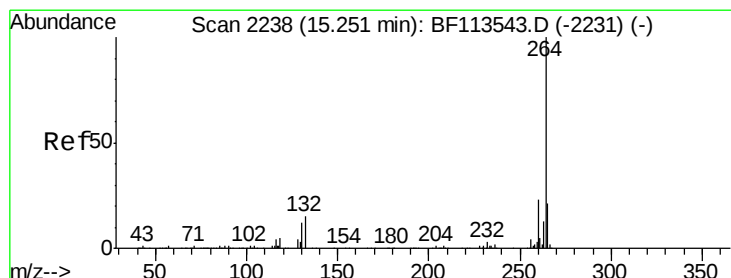
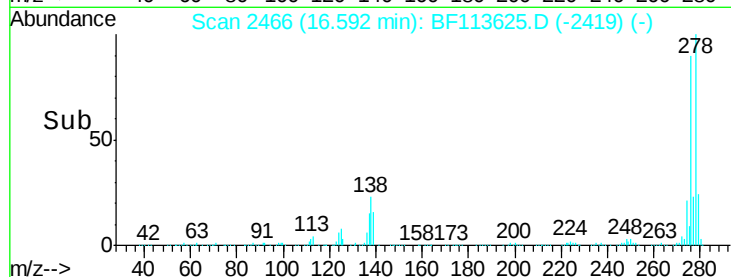
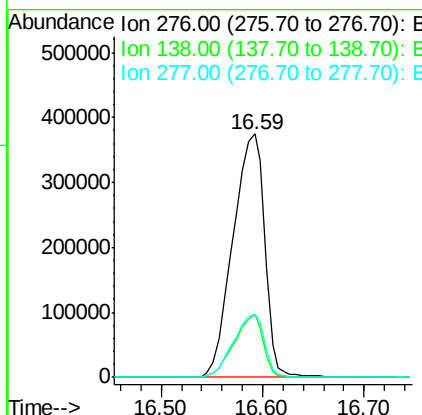
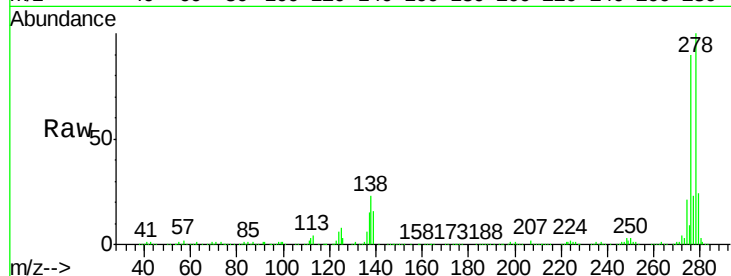




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 47.359 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

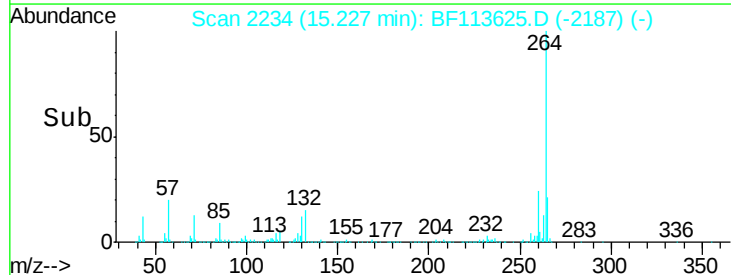
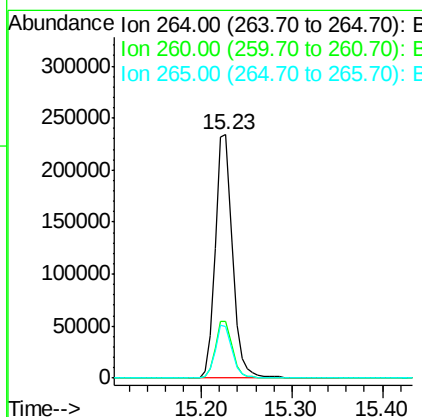
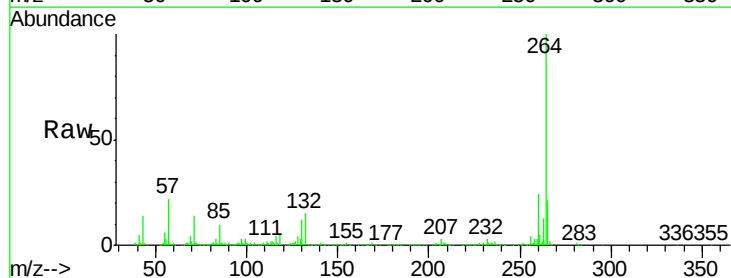
Instrument :
 BNA_F
 ClientSampleId :

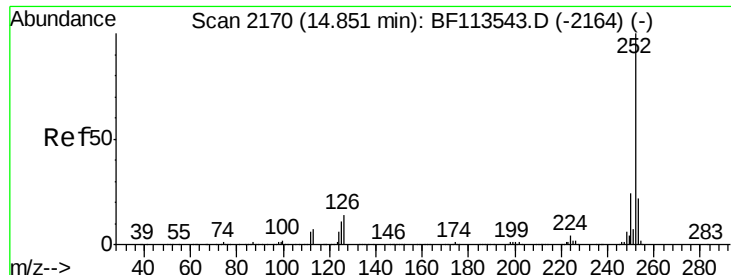
Tot Ion:276 Resp: 815283
 Ion Ratio Lower Upper
 276 100
 138 23.7 18.1 27.1
 277 25.3 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Tgt Ion:264 Resp: 305082
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.4 17.1 25.7

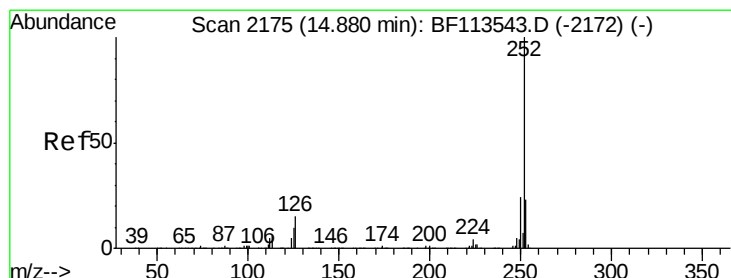
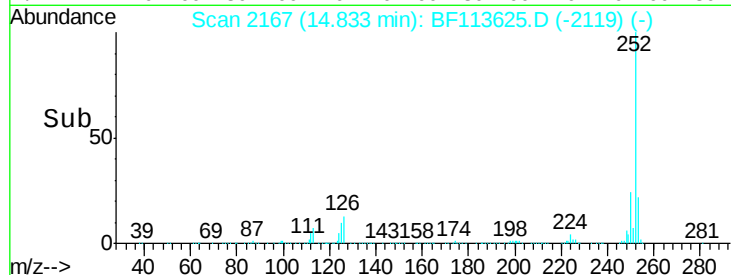
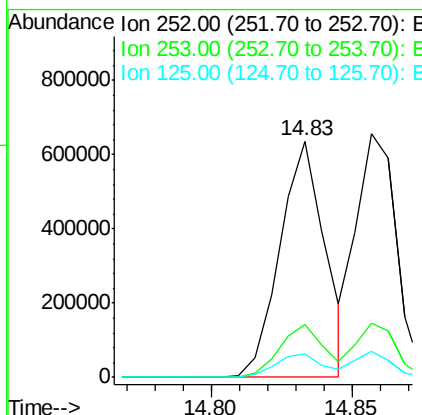
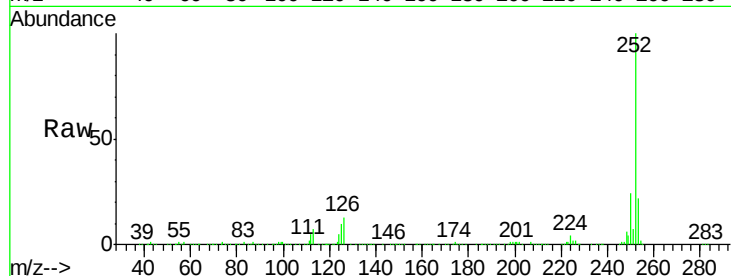




#88
Benzo(b)fluoranthene
Concen: 37.682 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

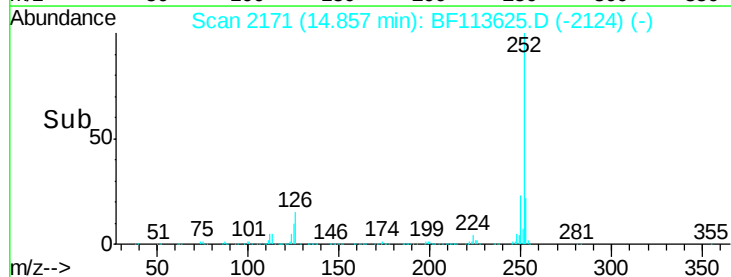
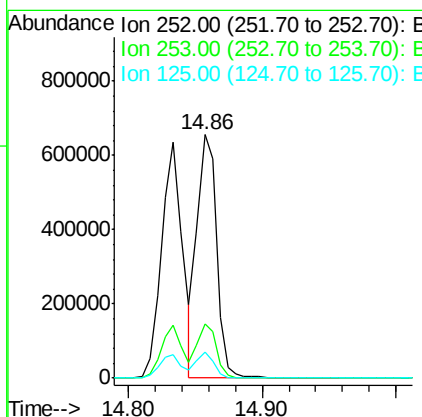
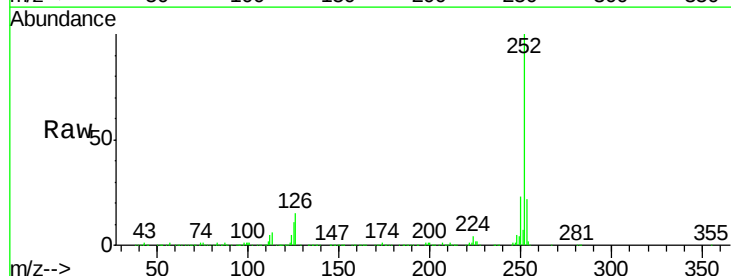
Instrument :
BNA_F
ClientSampleId :

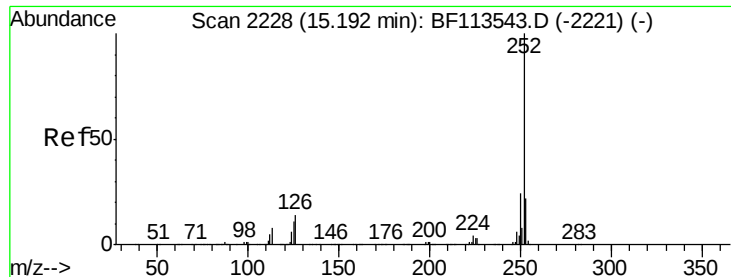
Tot Ion:252 Resp: 703707
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.9 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 39.105 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:252 Resp: 655411
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.5 7.3 10.9

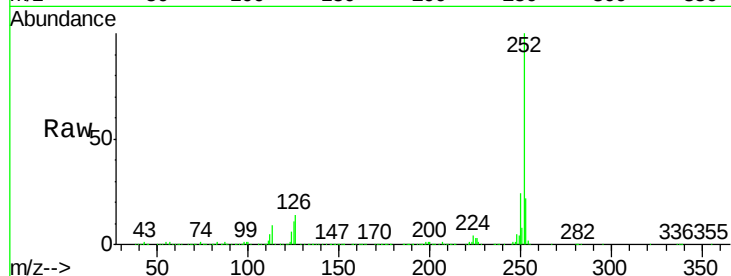




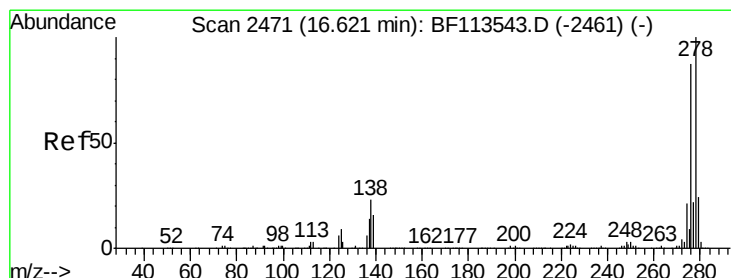
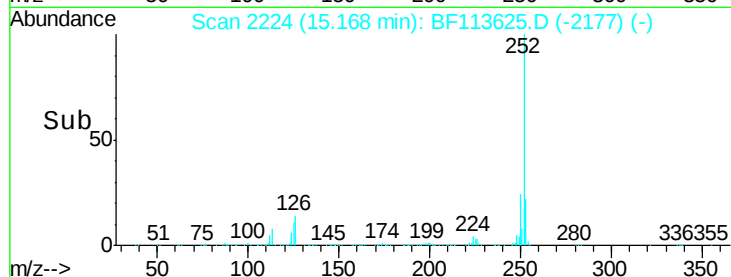
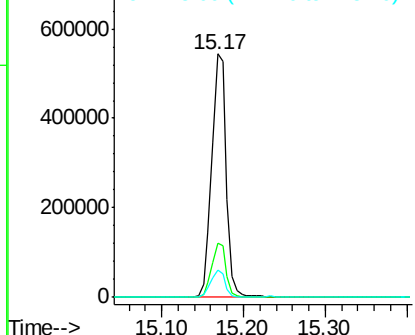
#90
Benzo(a)pyrene
Concen: 40.714 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 675633
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.3 8.8 13.2

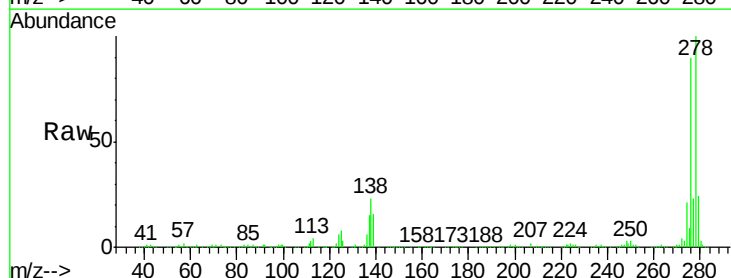


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

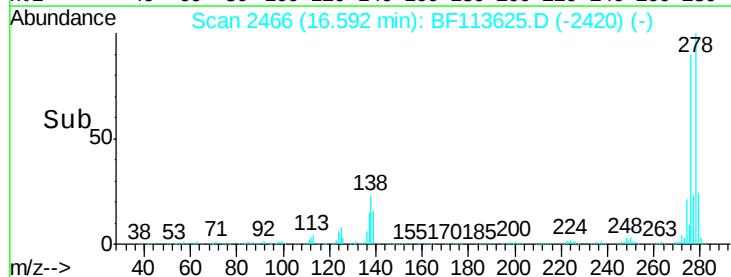
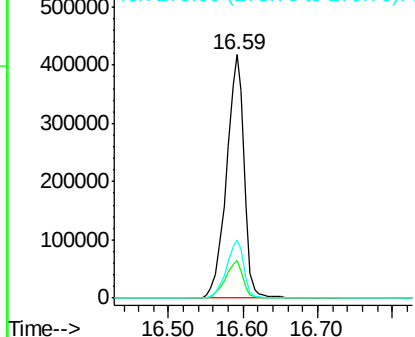


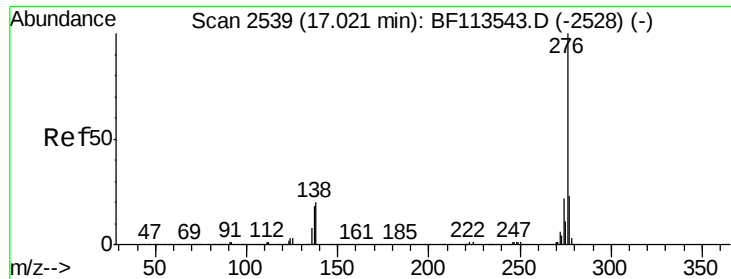
#91
Dibenzo(a,h)anthracene
Concen: 44.394 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.03 min
Lab File: BF113625.D
Acq: 5 Apr 2019 19:59

Tgt Ion:278 Resp: 688914
Ion Ratio Lower Upper
278 100
139 15.6 12.0 18.0
279 23.7 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

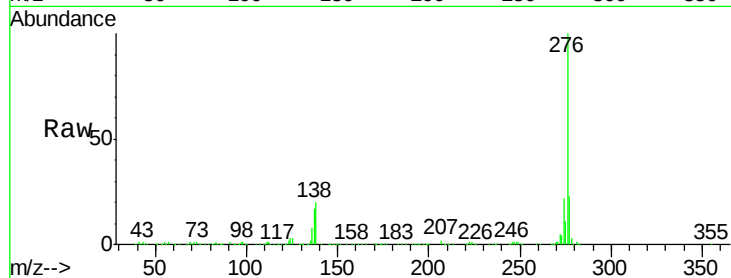




#92
 Benzo(a,h,i)perylene
 Concen: 44.724 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.03 min
 Lab File: BF113625.D
 Acq: 5 Apr 2019 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.6	15.6	23.4



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

