

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113674.D
 Acq On : 9 Apr 2019 21:23
 Operator : JU/SJ
 Sample : K2294-04MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:25:59 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	106178	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	387067	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	176736	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	306870	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	260014	20.00	ng	-0.02
87) Perylene-d12	15.23	264	265098	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	754363	121.15	ng	0.01
7) Phenol-d6	6.34	99	884082	115.20	ng	0.00
23) Nitrobenzene-d5	7.25	82	608225	92.04	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	280289	132.02	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1121946	102.20	ng	-0.01
79) Terphenyl-d14	12.77	244	1043360	81.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	109416	37.102	ng	# 84
3) Pyridine	3.14	79	238849	30.948	ng	97
4) n-Nitrosodimethylamine	3.04	42	128563	39.206	ng	95
6) Aniline	6.35	93	252188	27.110	ng	# 88
8) 2-Chlorophenol	6.47	128	295613	41.034	ng	96
9) Benzaldehyde	6.23	77	90606	19.856	ng	98
10) Phenol	6.35	94	315434	35.988	ng	91
11) bis(2-Chloroethyl)ether	6.42	93	284766	41.766	ng	98
12) 1,3-Dichlorobenzene	6.62	146	296769	38.252	ng	97
13) 1,4-Dichlorobenzene	6.70	146	303092	38.660	ng	99
14) 1,2-Dichlorobenzene	6.85	146	287535	40.632	ng	98
15) Benzyl Alcohol	6.84	79	167723	32.323	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.96	45	438861	41.353	ng	67
17) 2-Methylphenol	6.96	107	263538	47.204	ng	# 86
18) Hexachloroethane	7.19	117	100488	35.214	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	206275	43.589	ng	98
20) 3+4-Methylphenols	7.12	107	312847	46.248	ng	91
22) Acetophenone	7.09	105	405866	47.742	ng	97
24) Nitrobenzene	7.27	77	302837	44.501	ng	100
25) Isophorone	7.50	82	556921	43.750	ng	97
26) 2-Nitrophenol	7.59	139	153604	41.939	ng	92
27) 2,4-Dimethylphenol	7.63	122	266445	50.887	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	360895	44.843	ng	100
29) 2,4-Dichlorophenol	7.84	162	254337	45.399	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	267339	43.943	ng	98
31) Naphthalene	7.99	128	847964	45.214	ng	98
32) Benzoic acid	7.76	122	30198	7.448	ng	94
33) 4-Chloroaniline	8.05	127	118213	15.897	ng	98
34) Hexachlorobutadiene	8.10	225	157108	42.357	ng	98
35) Caprolactam	8.41	113	36511	20.531	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	250317	44.510	ng	98
37) 2-Methylnaphthalene	8.67	142	561416	45.515	ng	99
38) 1-Methylnaphthalene	8.77	142	529866	44.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	268585	46.990	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	31800	26.605	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	164637	45.632	ng	97
44) 2,4,5-Trichlorophenol	9.02	196	175806	45.387	ng	99
46) 1,1'-Biphenyl	9.14	154	692512	47.484	ng	98
47) 2-Chloronaphthalene	9.16	162	521001	47.183	ng	97
48) 2-Nitroaniline	9.26	65	157847	46.717	ng	97
49) Acenaphthylene	9.57	152	813749	45.320	ng	99
50) Dimethylphthalate	9.44	163	613754	47.111	ng	99
51) 2,6-Dinitrotoluene	9.50	165	129621	45.137	ng	97
52) Acenaphthene	9.75	154	474696	46.184	ng	99
53) 3-Nitroaniline	9.67	138	93613	28.672	ng	93
54) 2,4-Dinitrophenol	9.82	184	18938	14.096	ng	91
55) Dibenzofuran	9.92	168	703521	46.661	ng	100
56) 4-Nitrophenol	9.87	139	101837	50.282	ng	94
57) 2,4-Dinitrotoluene	9.92	165	153011	44.056	ng	# 85
58) Fluorene	10.26	166	543802	45.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	156306	46.619	ng	98
60) Diethylphthalate	10.13	149	603863	48.076	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	281674	48.022	ng	93
62) 4-Nitroaniline	10.29	138	123890	37.315	ng	97
63) Azobenzene	10.41	77	527059	44.317	ng	99
65) 4,6-Dinitro-2-methylphenol	10.34	198	17514	10.841	ng	97
66) n-Nitrosodiphenylamine	10.37	169	495546	52.602	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	172821	50.214	ng	99
68) Hexachlorobenzene	10.82	284	188569	47.817	ng	98
69) Atrazine	10.90	200	150311	50.621	ng	95
70) Pentachlorophenol	11.02	266	115115	61.948	ng	99
71) Phenanthrene	11.22	178	727835	47.731	ng	99
72) Anthracene	11.27	178	758153	48.868	ng	99
73) Carbazole	11.43	167	692657	47.736	ng	99
74) Di-n-butylphthalate	11.75	149	869683	50.384	ng	100
75) Fluoranthene	12.40	202	752639	46.061	ng	99
77) Benzidine	12.53	184	356707	36.892	ng	96
78) Pyrene	12.63	202	758216	38.324	ng	100
80) Butylbenzylphthalate	13.24	149	328489	40.789	ng	96
81) Benzo(a)anthracene	13.82	228	678677	45.248	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	223846	38.747	ng	99
83) Chrysene	13.86	228	698639	45.949	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	449987	46.214	ng	99
85) Di-n-octyl phthalate	14.41	149	805314	50.881	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	643052	45.807	ng	99
88) Benzo(b)fluoranthene	14.84	252	743607	45.824	ng	100
89) Benzo(k)fluoranthene	14.84	252	743607	51.059	ng	99
90) Benzo(a)pyrene	15.18	252	685378	47.531	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	554632	41.131	ng	99
92) Benzo(g,h,i)perylene	17.00	276	516680	37.540	ng	99

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

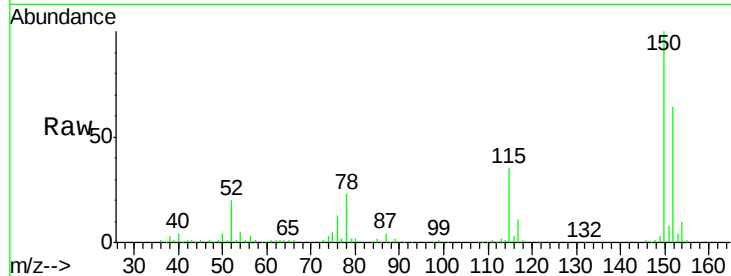


#1

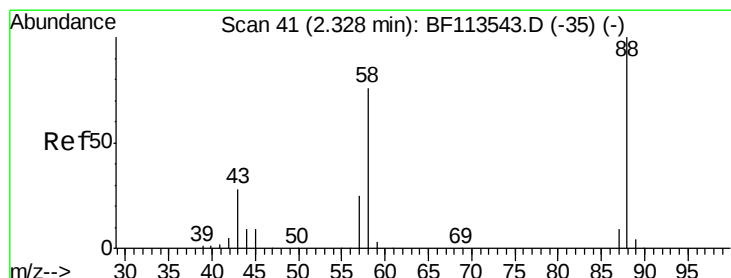
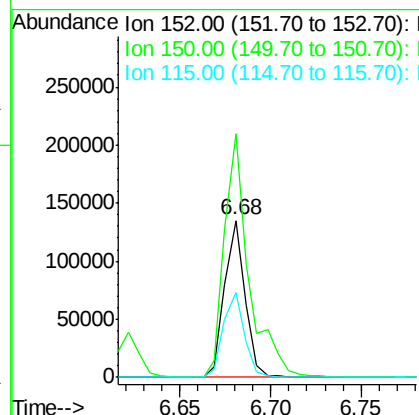
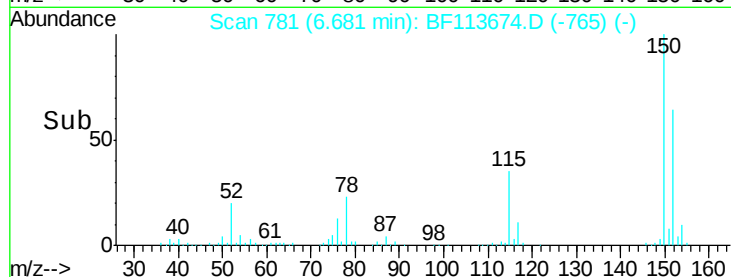
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106178
Ion Ratio Lower Upper
152 100
150 155.3 124.7 187.1
115 54.3 46.0 69.0



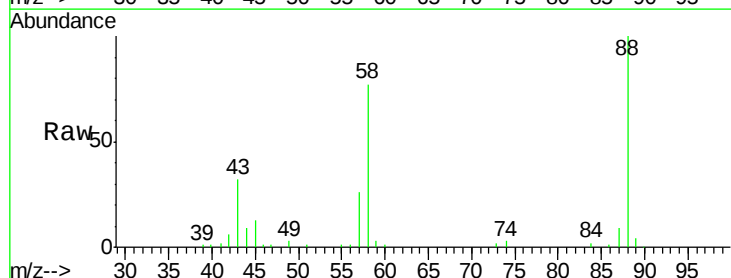
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



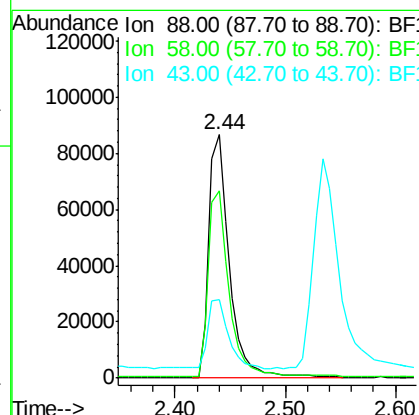
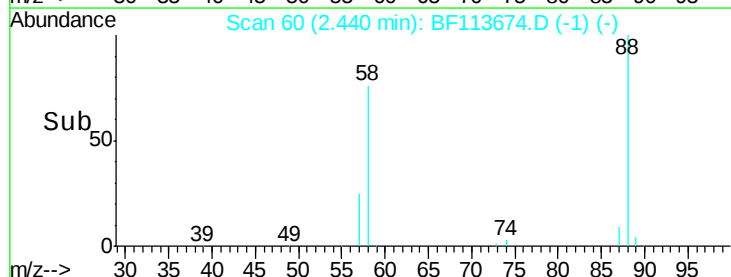
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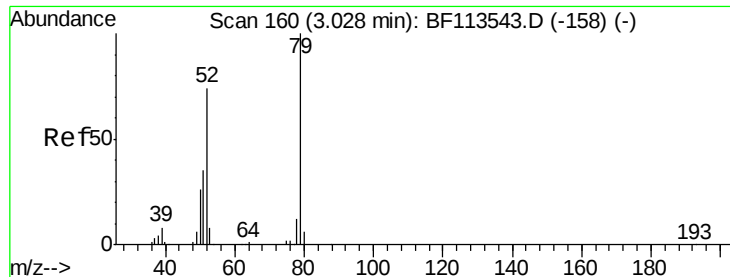
1,4-Dioxane
Concen: 37.102 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.11 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion: 88 Resp: 109416
Ion Ratio Lower Upper
88 100
58 77.7 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

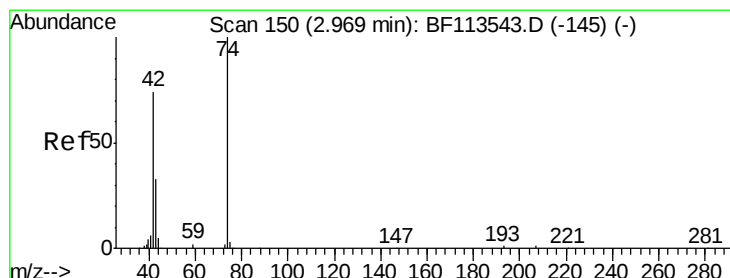
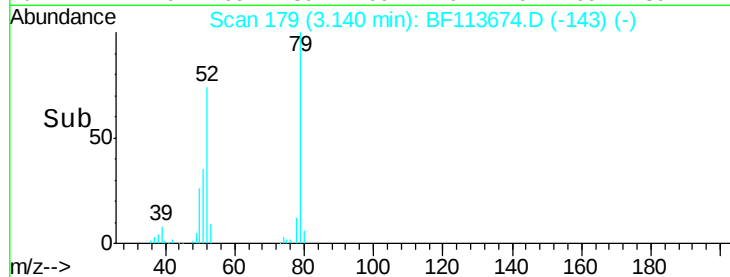
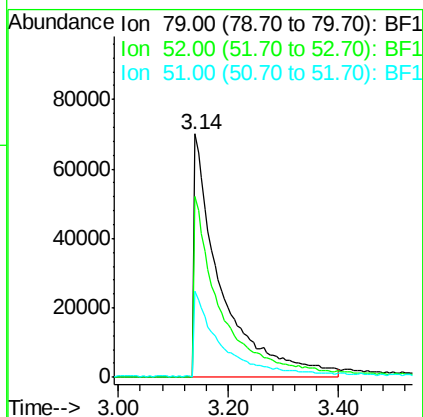
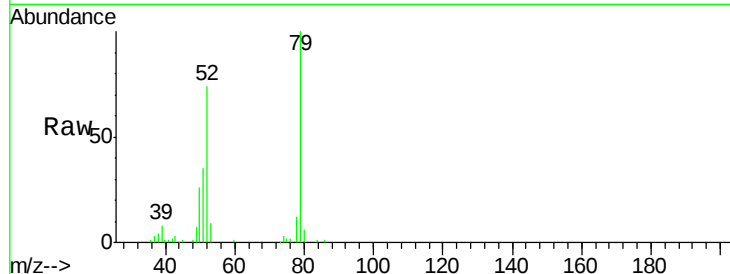




#3
 Pvridine
 Concen: 30.948 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.11 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

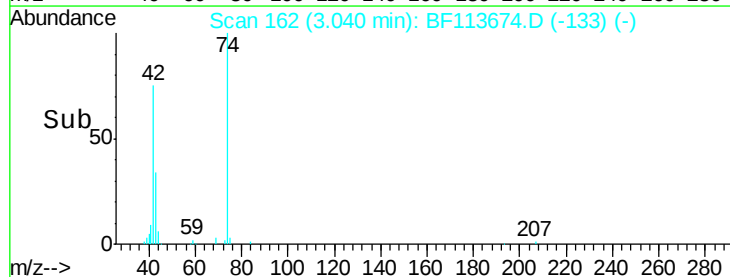
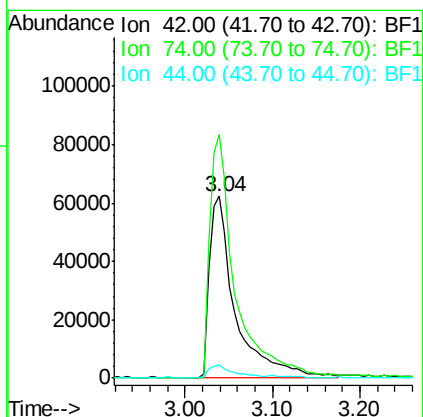
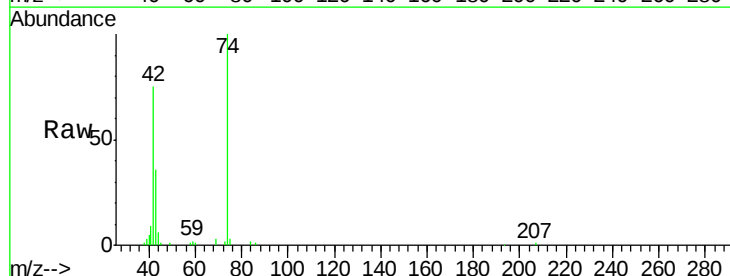
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 238849
 Ion Ratio Lower Upper
 79 100
 52 74.5 61.0 91.4
 51 35.2 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 39.206 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.07 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion: 42 Resp: 128563
 Ion Ratio Lower Upper
 42 100
 74 133.9 102.4 153.6
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 121.152 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF113674.D

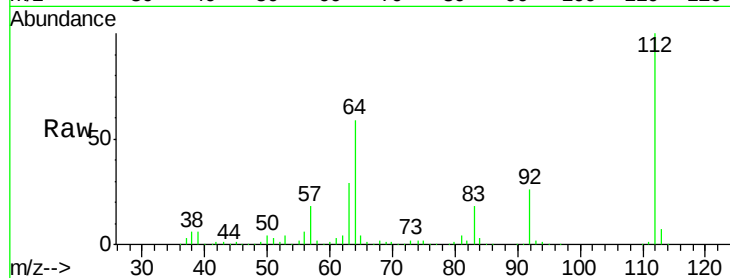
Acq: 9 Apr 2019 21:23

Instrument :

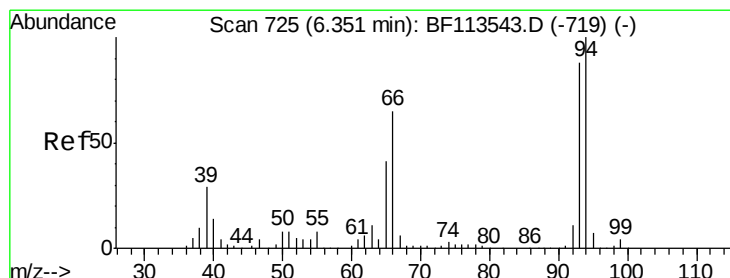
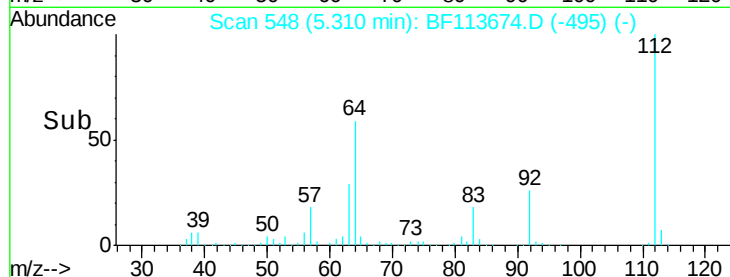
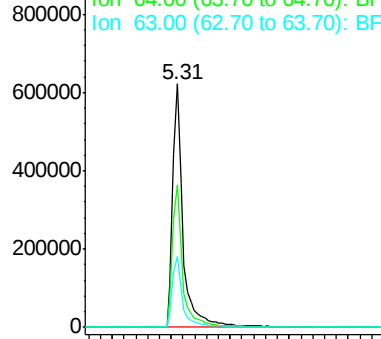
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	754363
Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.2	73.8
63	29.2	24.9	37.3



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



#6

Aniline

Concen: 27.110 ng

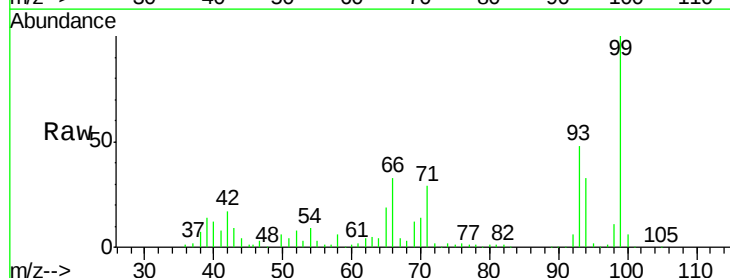
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

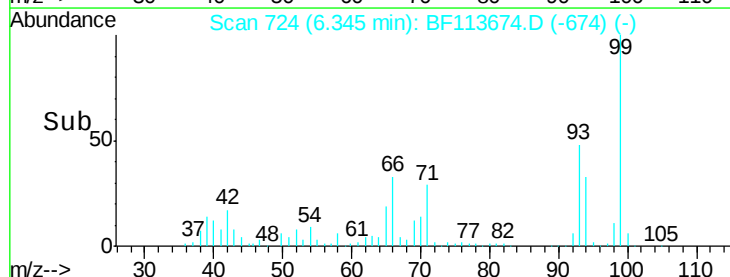
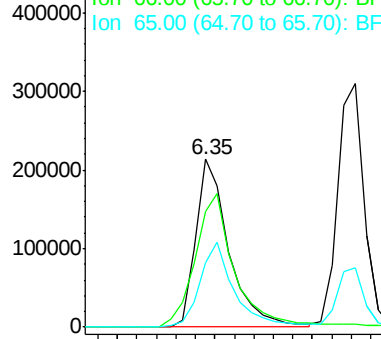
Lab File: BF113674.D

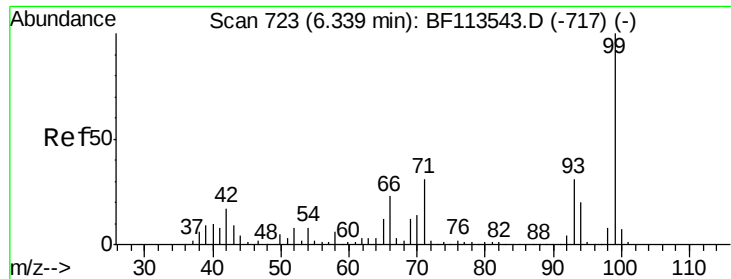
Acq: 9 Apr 2019 21:23

Tgt Ion:	93	Resp:	252188
Ion	Ratio	Lower	Upper
93	100		
66	68.9	62.1	93.1
65	38.5	38.7	58.1



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





#7

Phenol-d6

Concen: 115.200 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

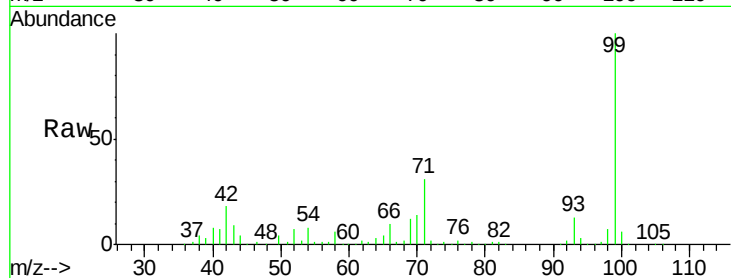
Tot Ion: 99 Resp: 884082

Ion Ratio Lower Upper

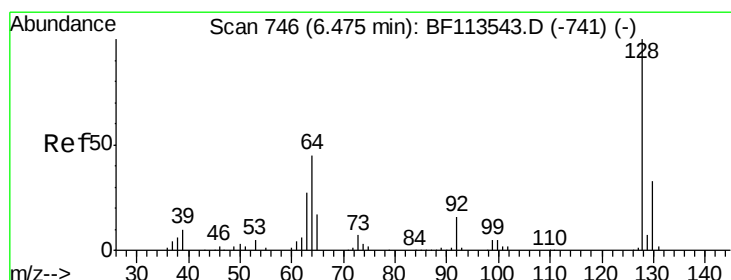
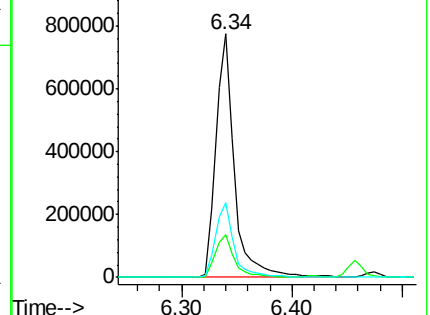
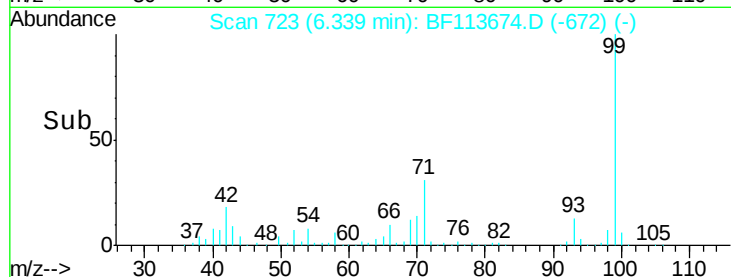
99 100

42 17.8 14.8 22.2

71 30.7 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: 41.034 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

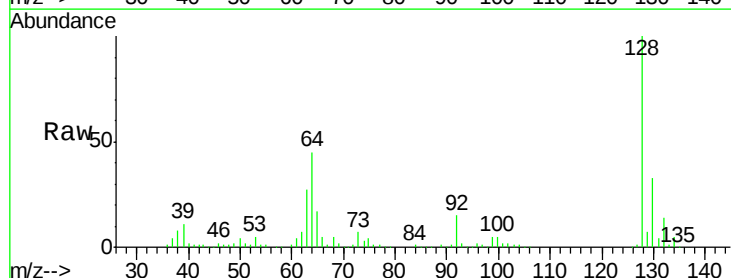
Tgt Ion:128 Resp: 295613

Ion Ratio Lower Upper

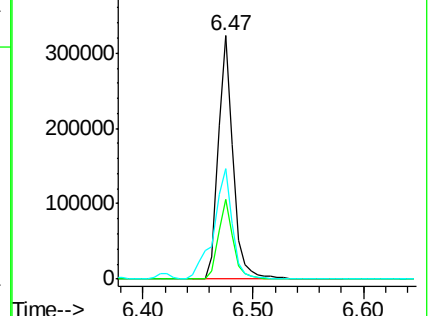
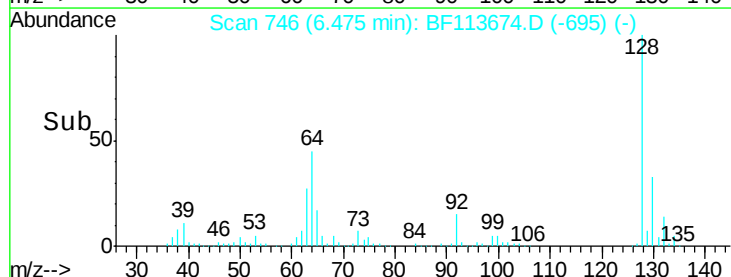
128 100

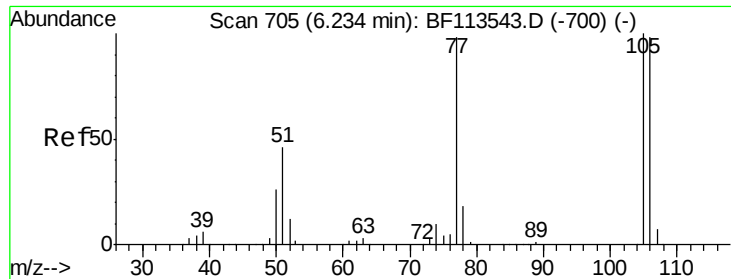
130 32.5 12.6 52.6

64 45.2 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

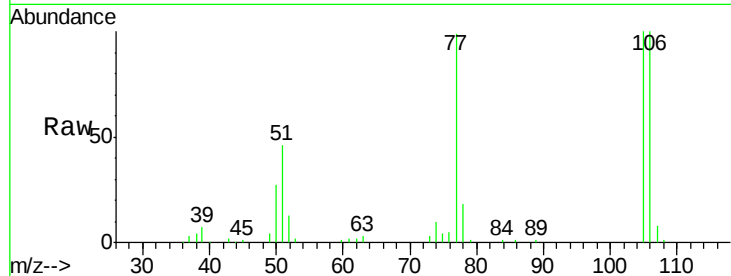




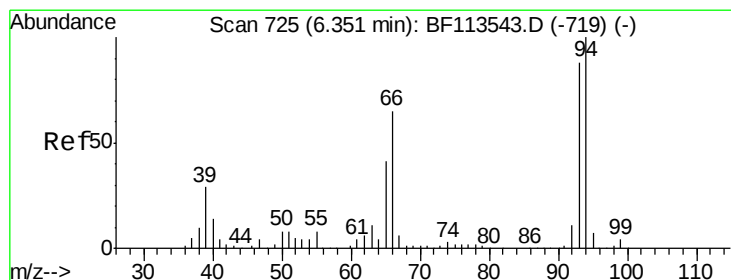
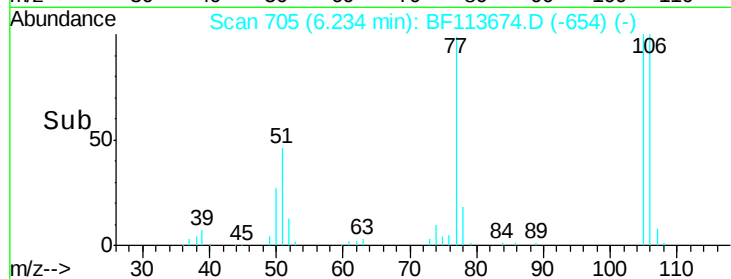
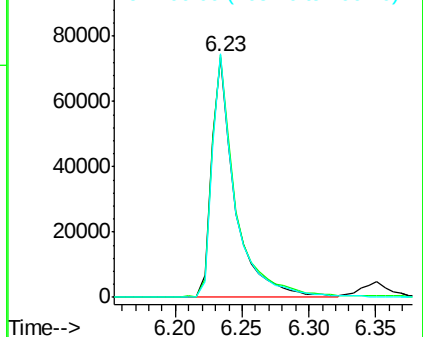
#9
Benzaldehyde
Concen: 19.856 ng
RT: 6.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 90606
Ion Ratio Lower Upper
77 100
105 101.3 80.9 120.9
106 101.5 77.8 117.8

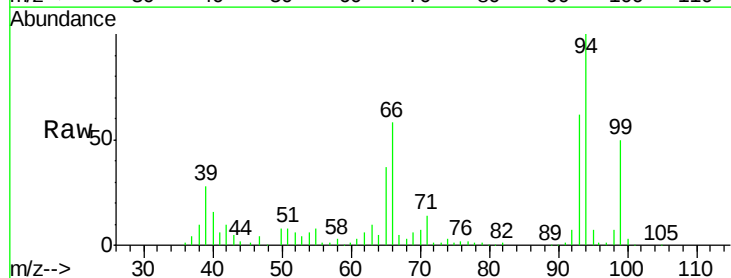


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

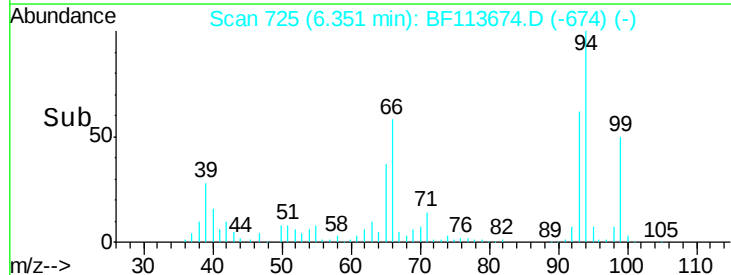
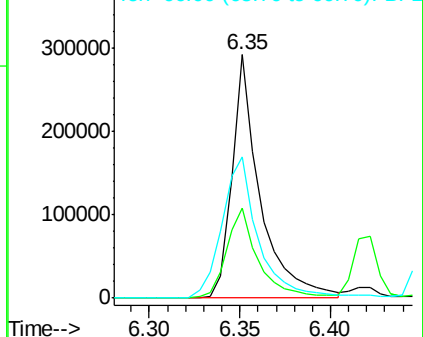


#10
Phenol
Concen: 35.988 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion: 94 Resp: 315434
Ion Ratio Lower Upper
94 100
65 37.2 21.4 61.4
66 58.2 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.766 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

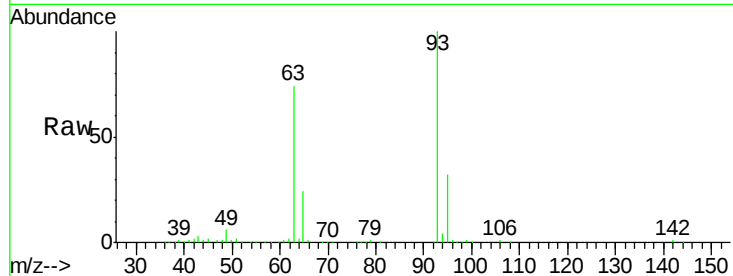
Tot Ion: 93 Resp: 284766

Ion Ratio Lower Upper

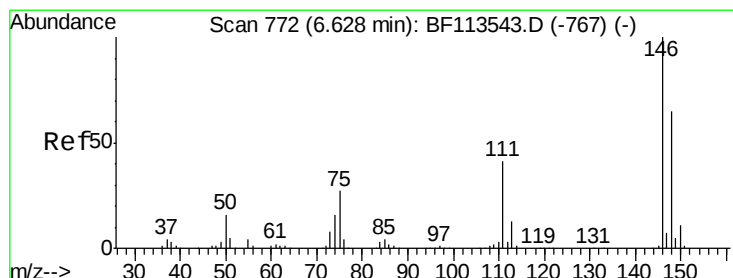
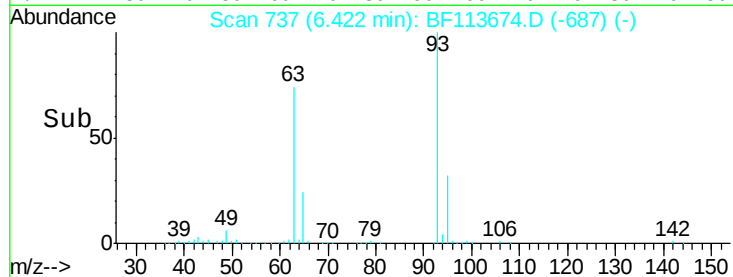
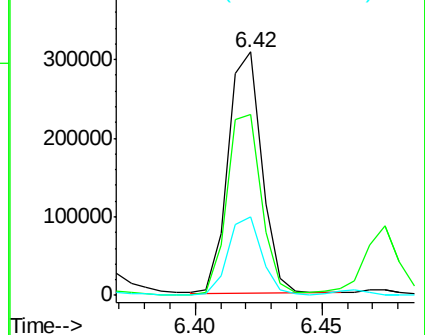
93 100

63 74.1 56.1 96.1

95 32.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.252 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

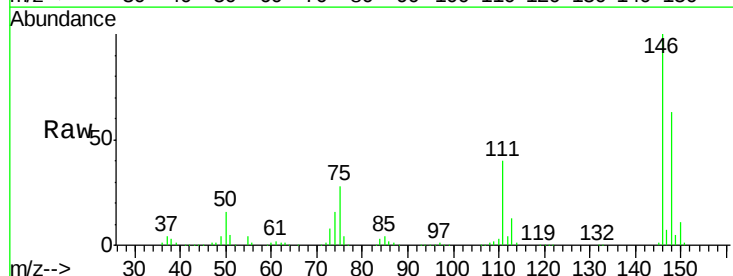
Tgt Ion: 146 Resp: 296769

Ion Ratio Lower Upper

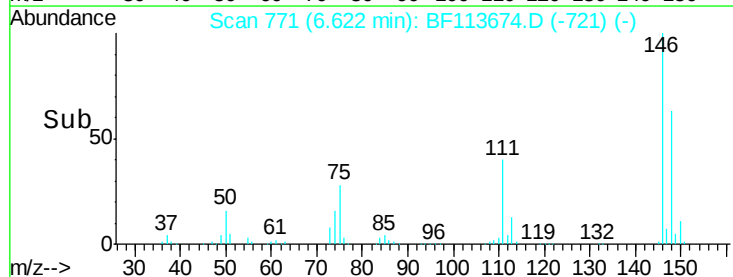
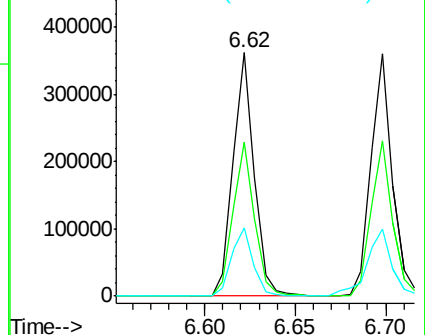
146 100

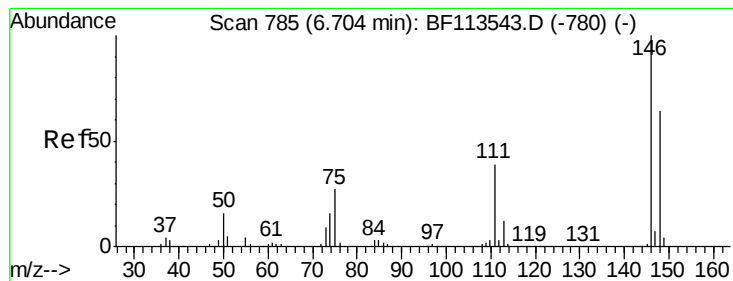
148 63.4 51.4 77.0

75 27.8 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.660 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampled :

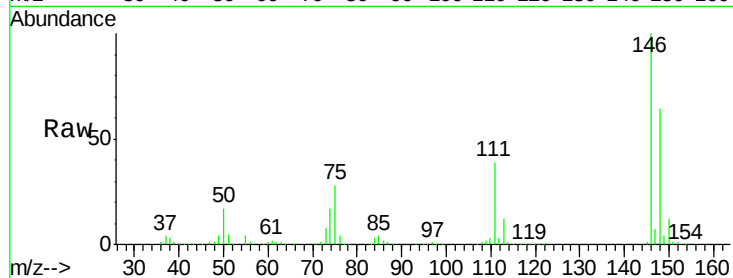
Tot Ion:146 Resp: 303092

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

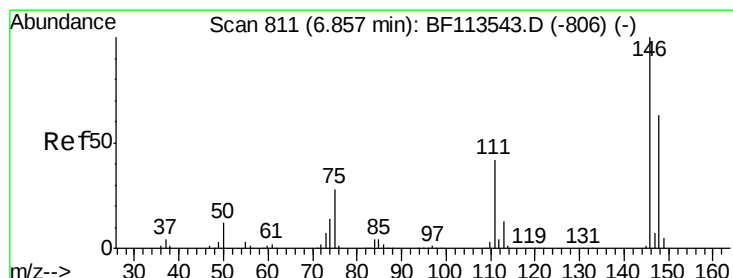
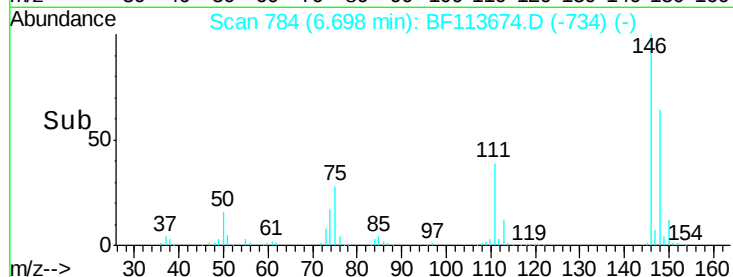
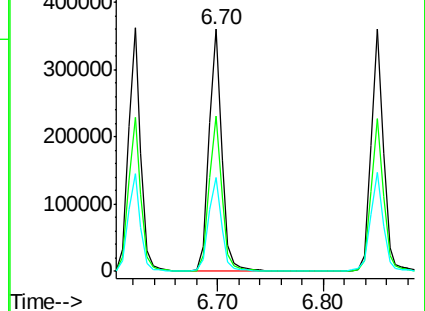
111 38.9 32.8 49.2



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: 40.632 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

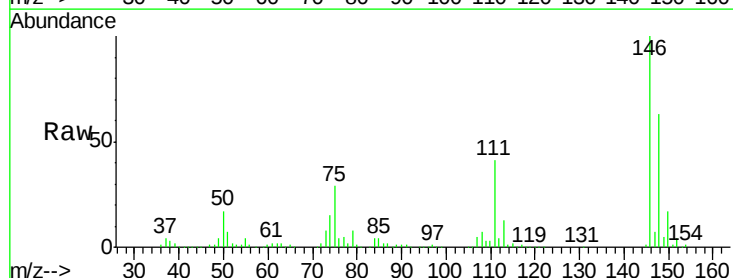
Tgt Ion:146 Resp: 287535

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.4

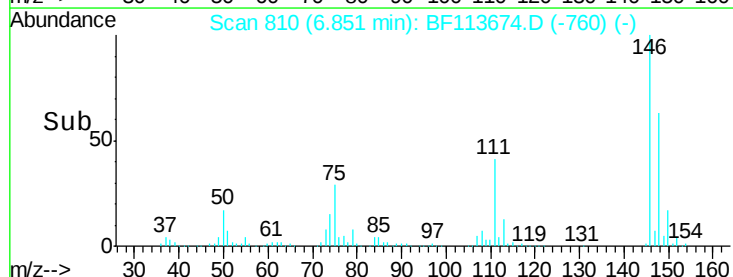
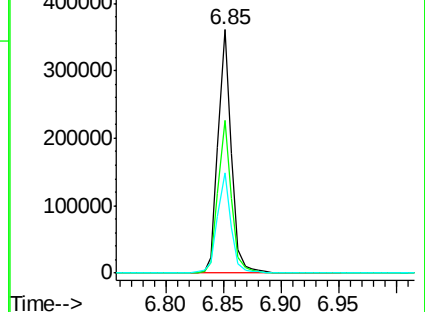
111 41.1 35.4 53.2

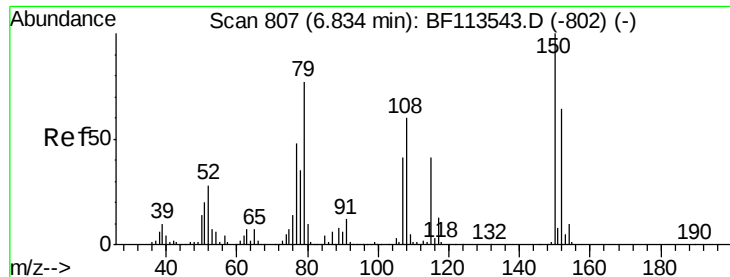


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.323 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampled :

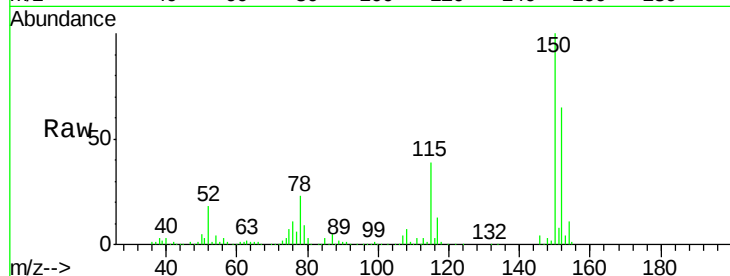
Tot Ion: 79 Resp: 167723

Ion Ratio Lower Upper

79 100

108 73.4 62.0 93.0

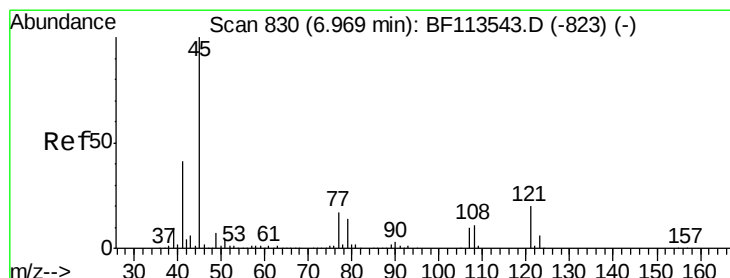
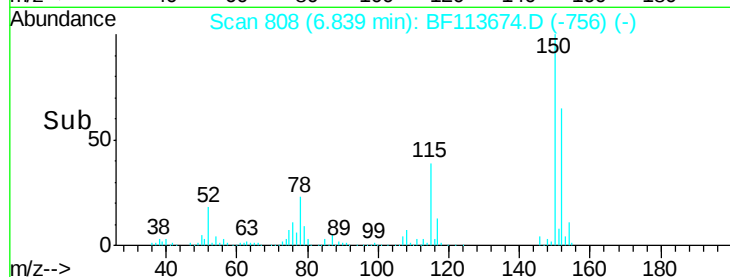
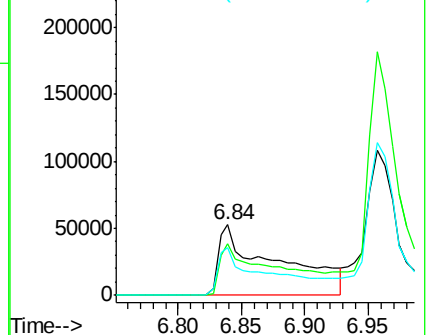
77 68.7 49.9 74.9



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: 41.353 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

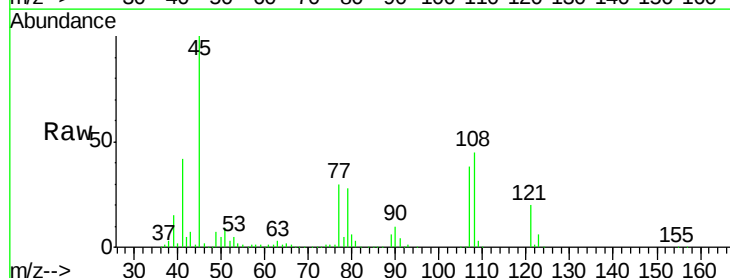
Tgt Ion: 45 Resp: 438861

Ion Ratio Lower Upper

45 100

77 30.1 0.0 36.6

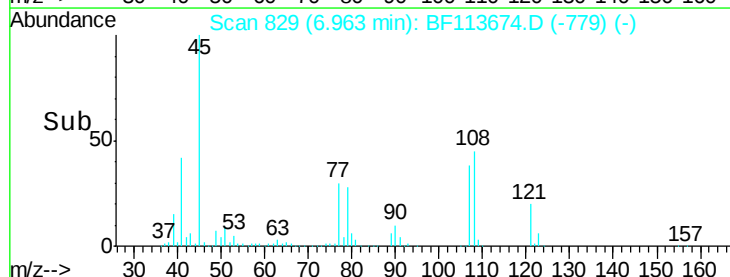
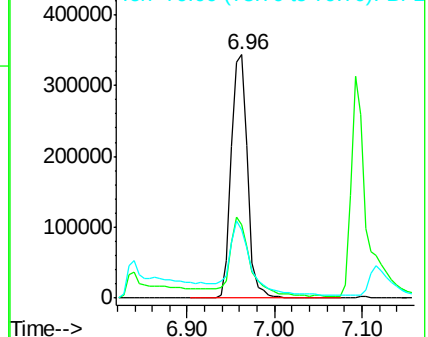
79 28.3 0.0 34.0

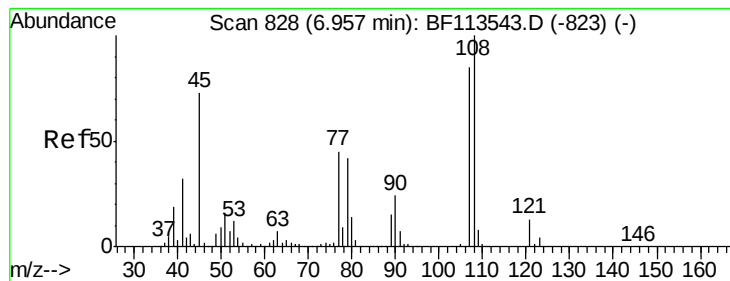


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

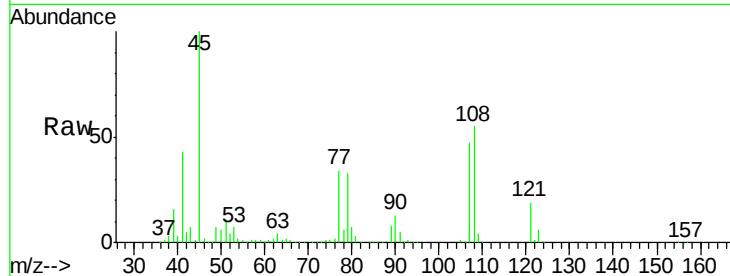




#17
2-Methylphenol
Concen: 47.204 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.4	140.0
77	72.6	41.2	61.8#
79	69.2	40.1	60.1#



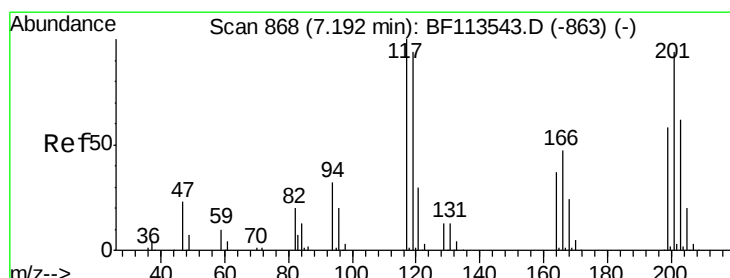
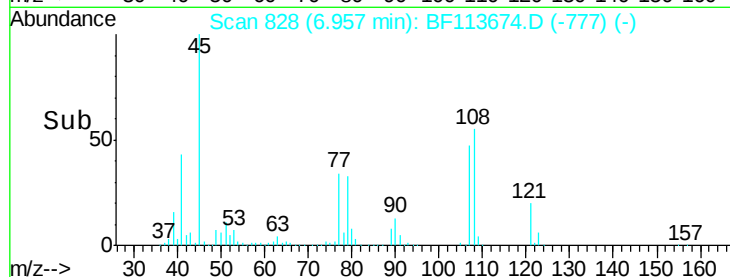
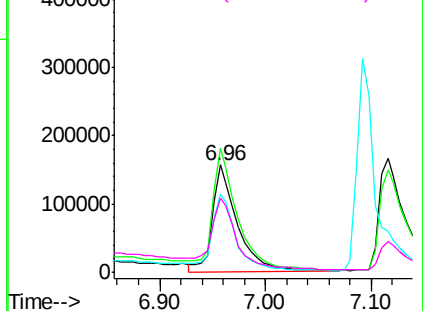
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

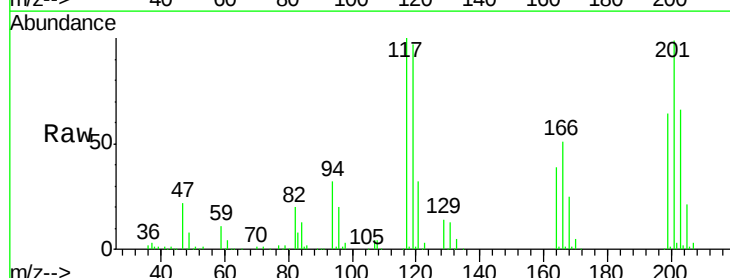
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.214 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
201	98.9	78.7	118.1

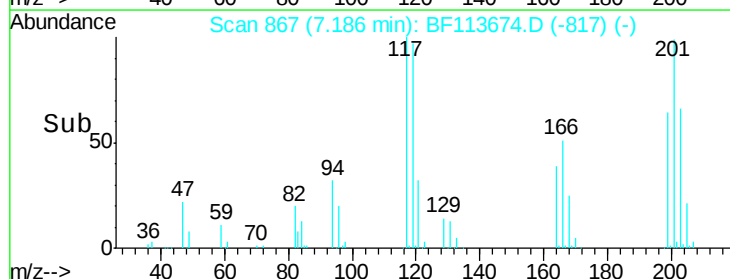
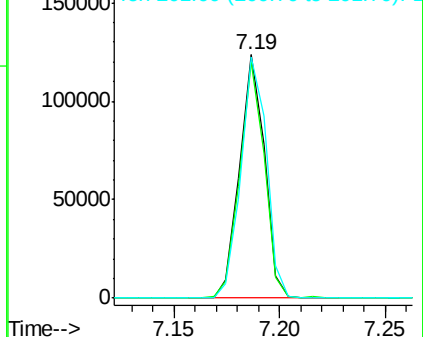


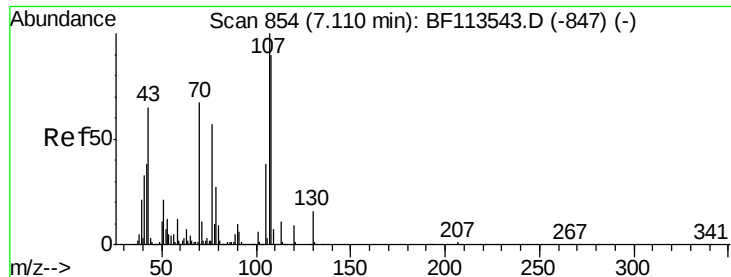
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

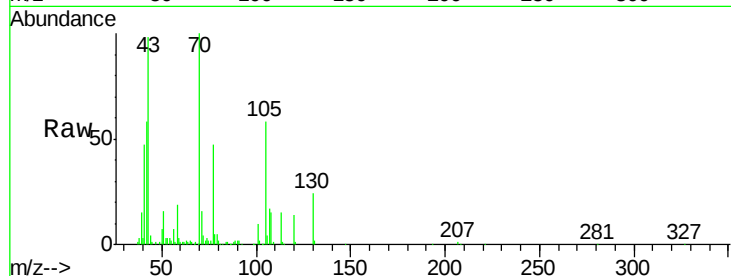




#19
n-Nitroso-di-n-propylamine
Concen: 43.589 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	48.4	72.6
101	10.0	7.8	11.8
130	23.8	18.2	27.4



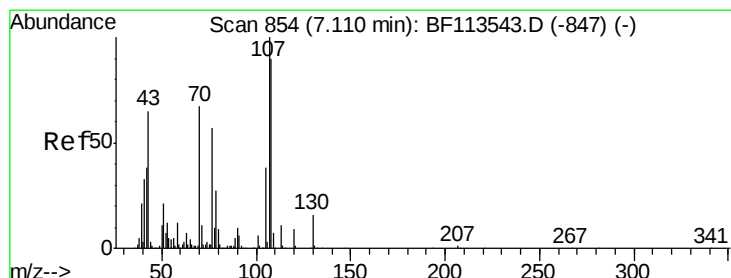
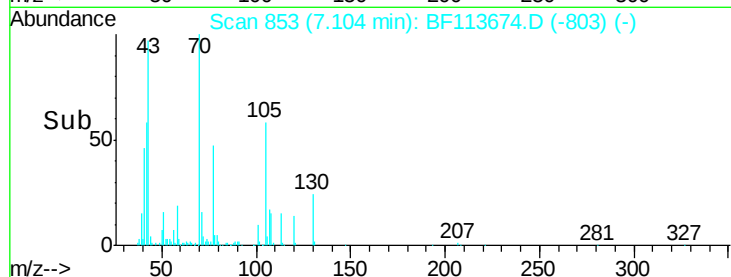
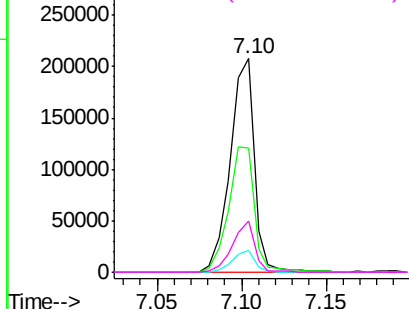
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.248 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	36.1	33.5	73.5
79	27.6	8.3	48.3

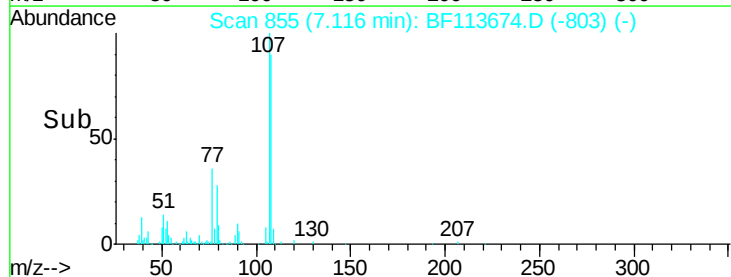
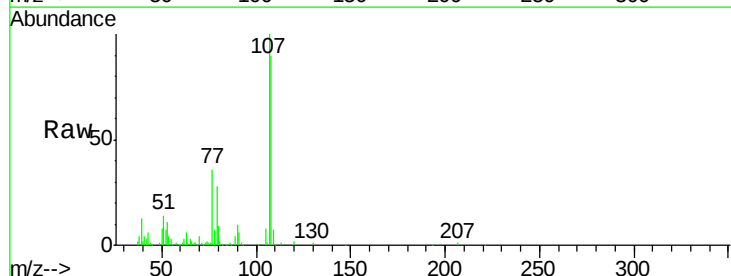
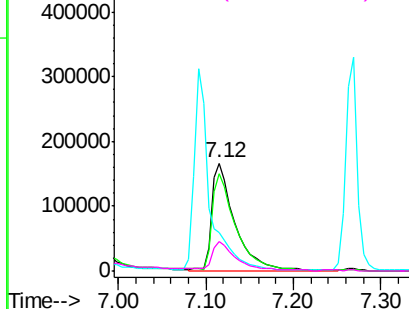
Abundance

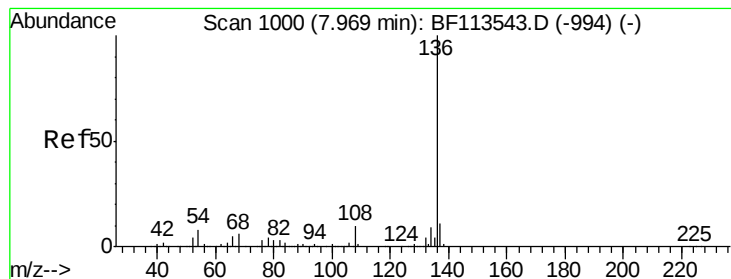
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 387067

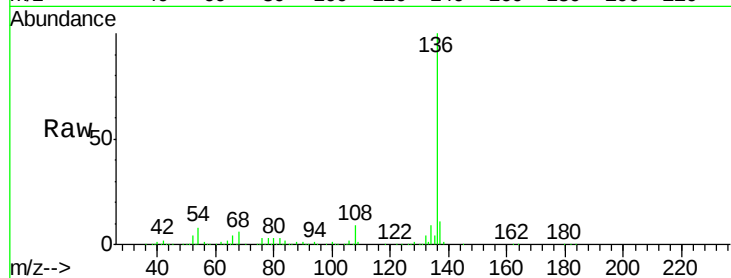
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 7.0 10.6

68 5.7 4.8 7.2

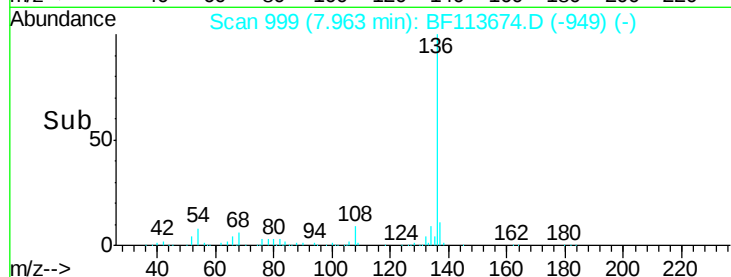


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

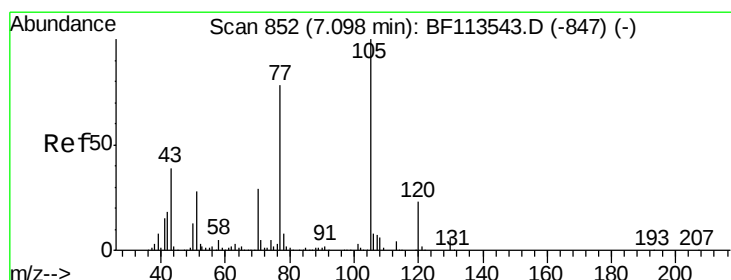
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

7.96



#22

Acetophenone

Concen: 47.742 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Tgt Ion:105 Resp: 405866

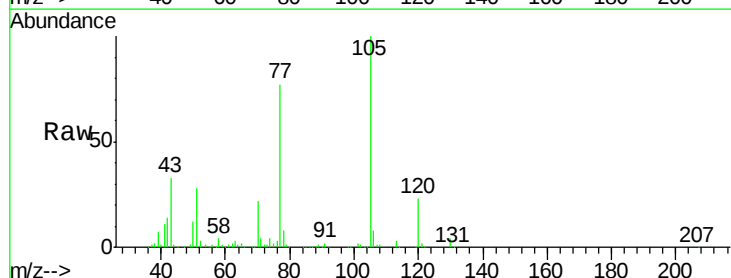
Ion Ratio Lower Upper

105 100

71 3.6 3.3 4.9

51 27.8 24.2 36.2

120 22.5 18.1 27.1

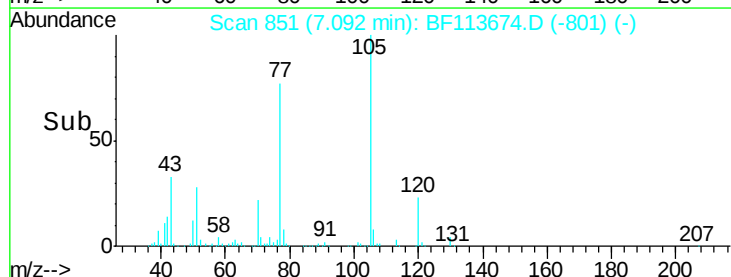


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

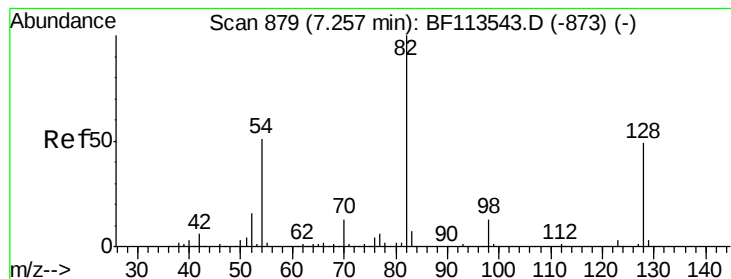
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

7.09



#23

Nitrobenzene-d5

Concen: 92.043 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

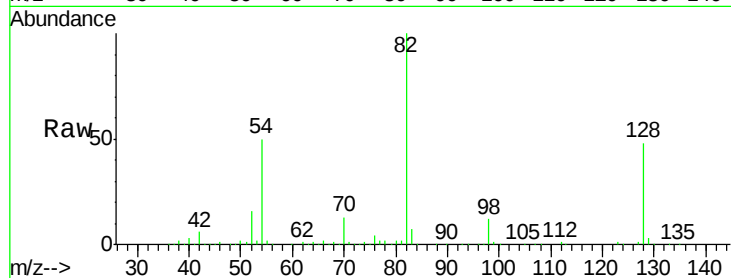
Tot Ion: 82 Resp: 608225

Ion Ratio Lower Upper

82 100

128 48.2 36.5 54.7

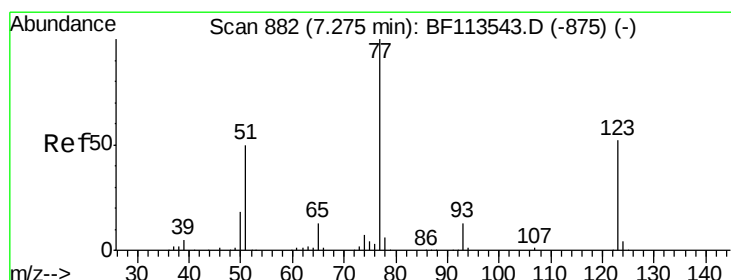
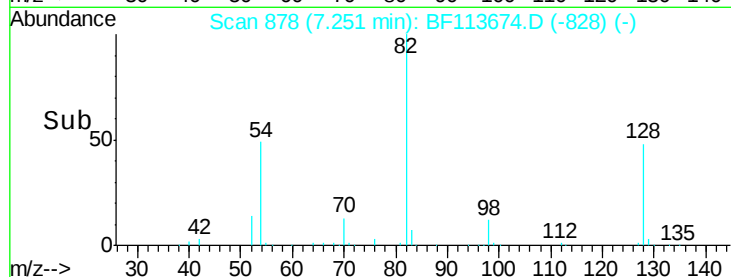
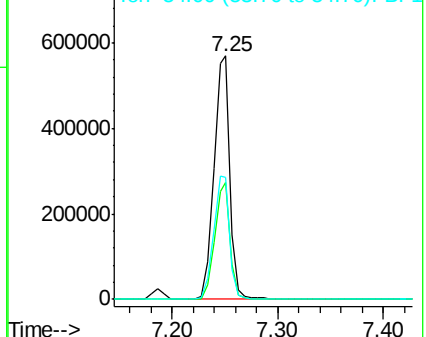
54 50.0 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.501 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

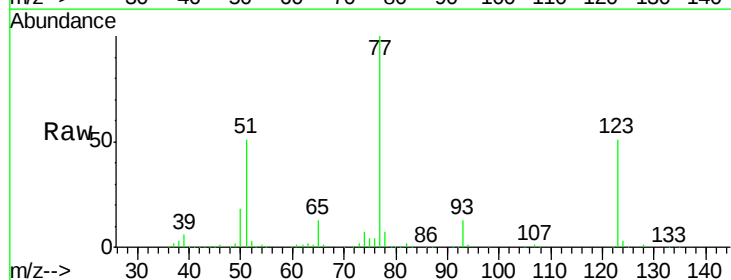
Tgt Ion: 77 Resp: 302837

Ion Ratio Lower Upper

77 100

123 50.7 40.8 61.2

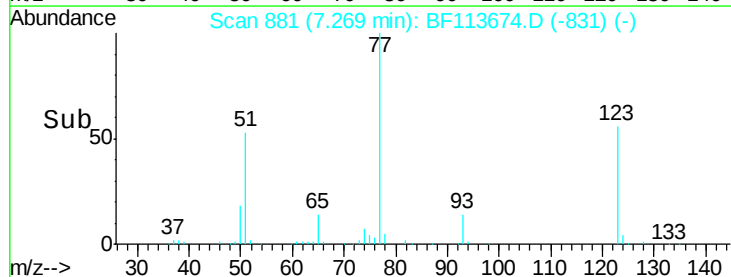
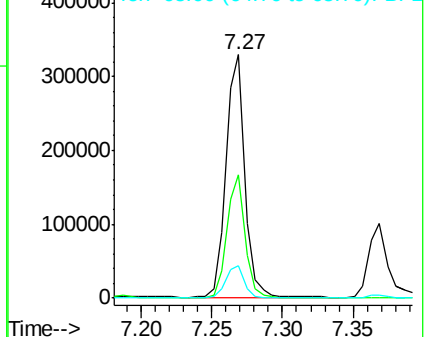
65 13.3 10.6 16.0

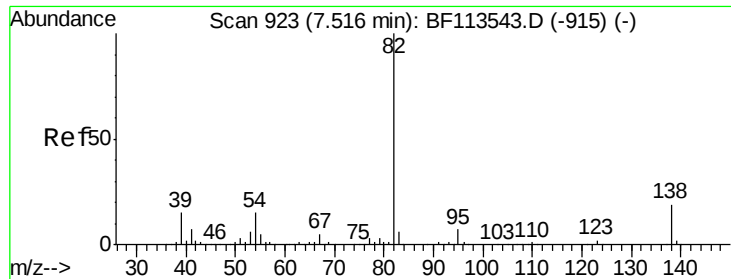


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

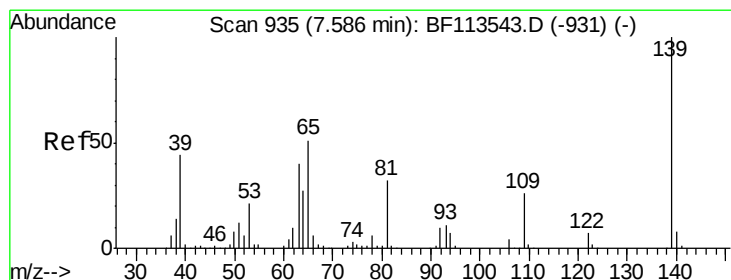
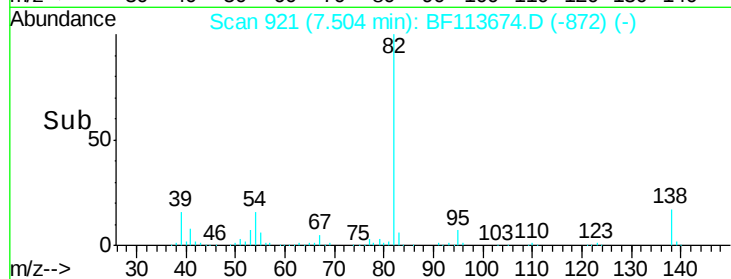
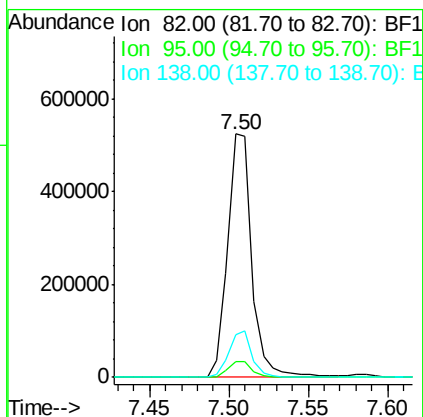
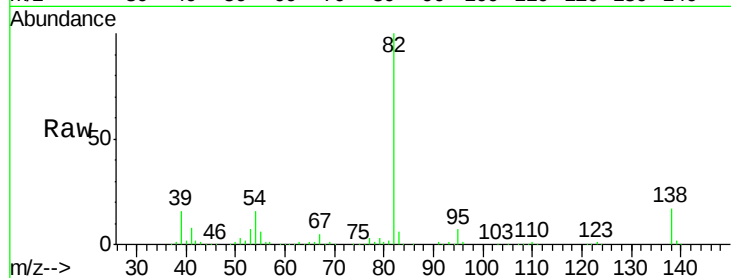




#25
Isophorone
Concen: 43.750 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

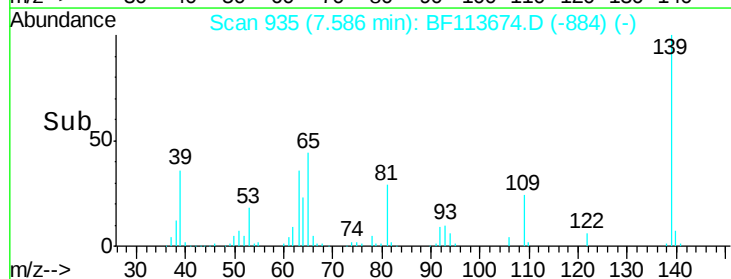
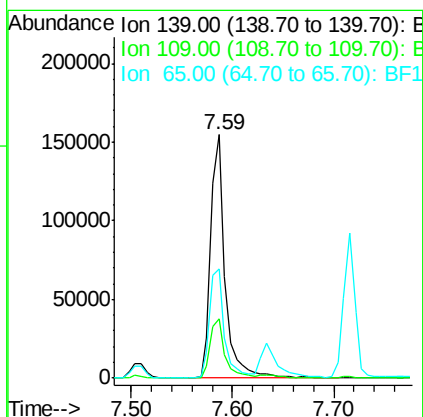
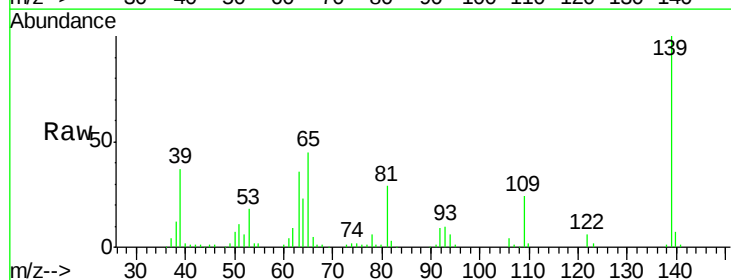
Instrument :
BNA_F
ClientSampleId :

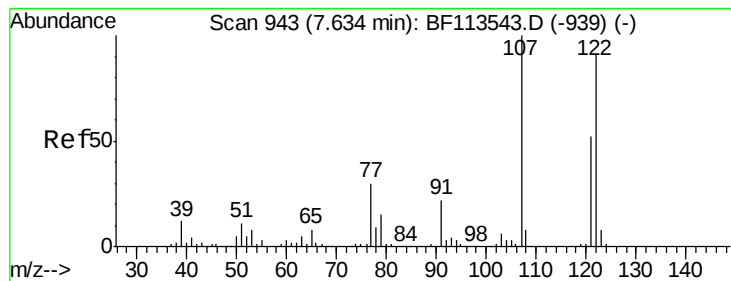
Tot Ion: 82 Resp: 556921
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.5 15.2 22.8



#26
2-Nitrophenol
Concen: 41.939 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion: 139 Resp: 153604
Ion Ratio Lower Upper
139 100
109 24.4 21.7 32.5
65 45.0 41.6 62.4

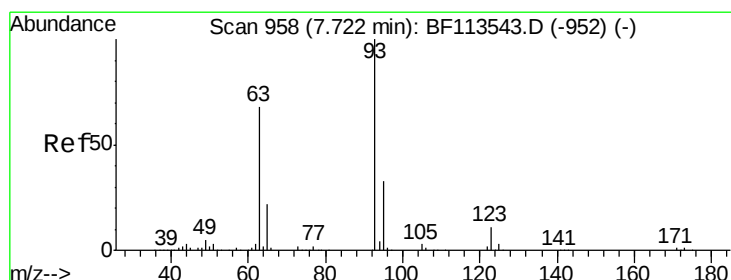
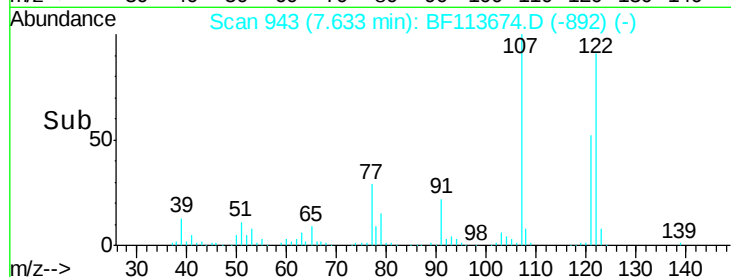
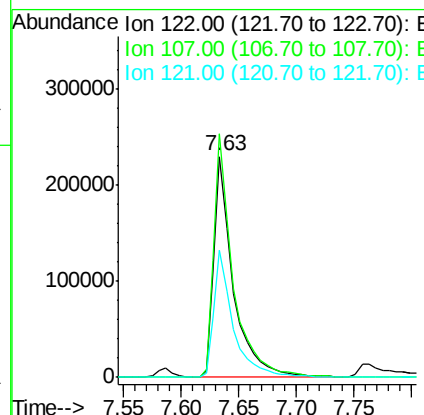
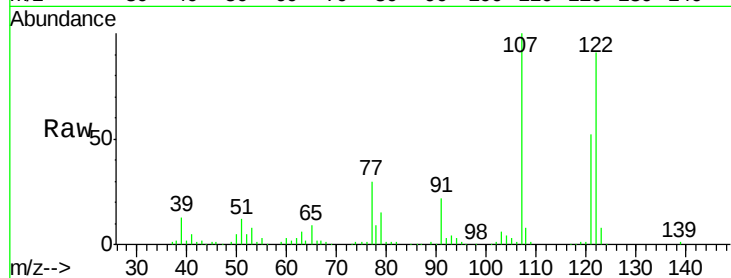




#27
2,4-Dimethylphenol
Concen: 50.887 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

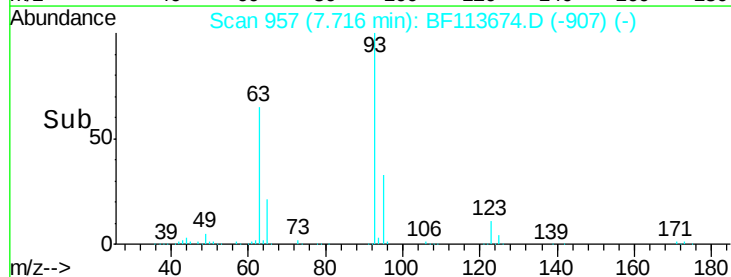
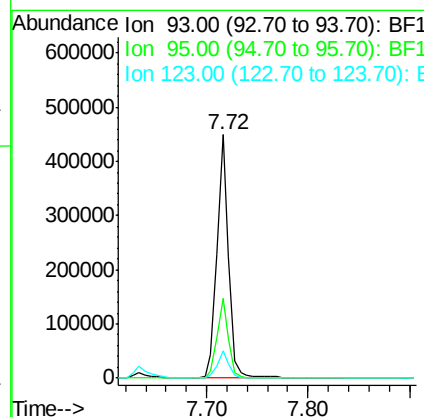
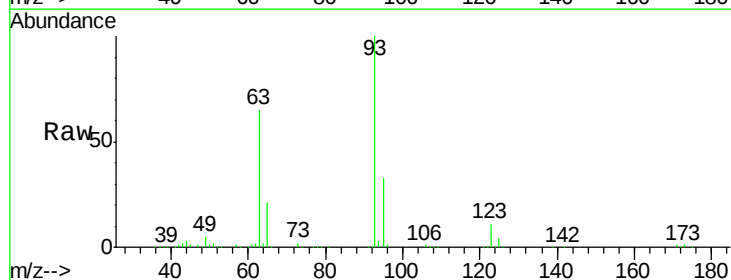
Instrument :
BNA_F
ClientSampleId :

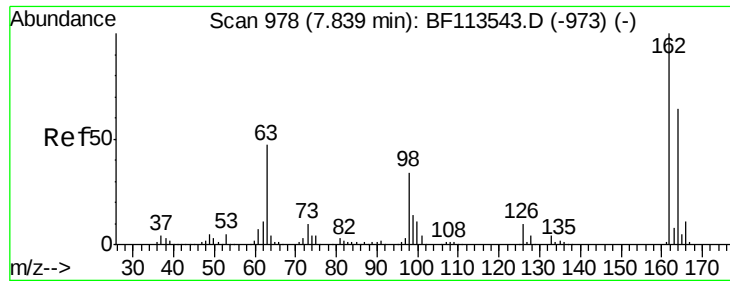
Tot Ion:122 Resp: 266445
Ion Ratio Lower Upper
122 100
107 110.2 88.8 133.2
121 57.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.843 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion: 93 Resp: 360895
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.1 9.1 13.7

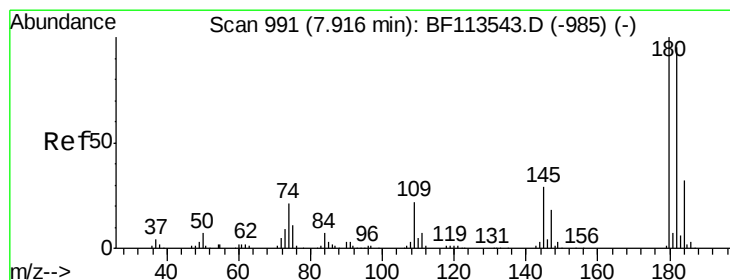
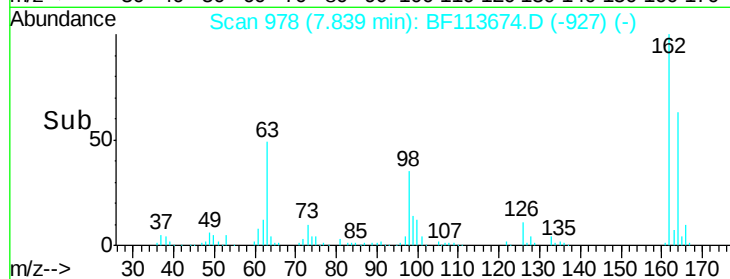
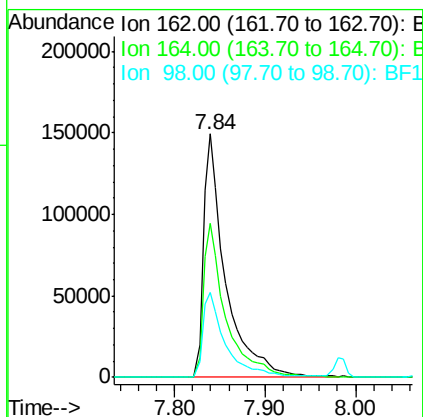
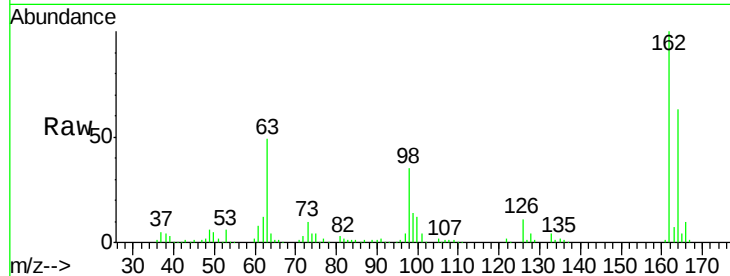




#29
 2,4-Dichlorophenol
 Concen: 45.399 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

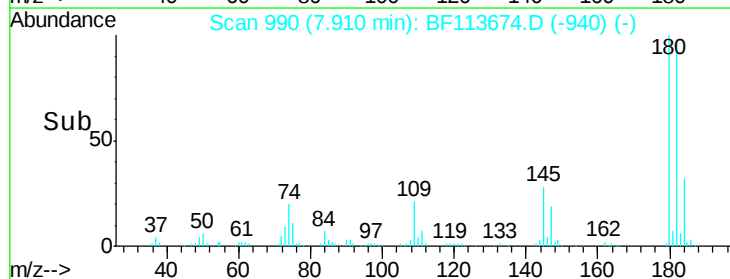
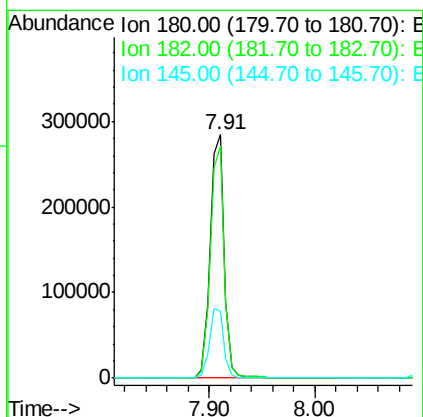
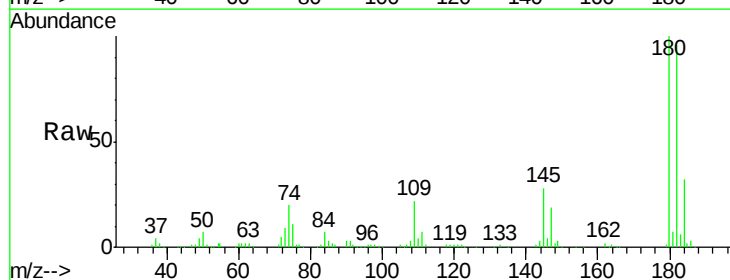
Instrument :
 BNA_F
 ClientSampleId :

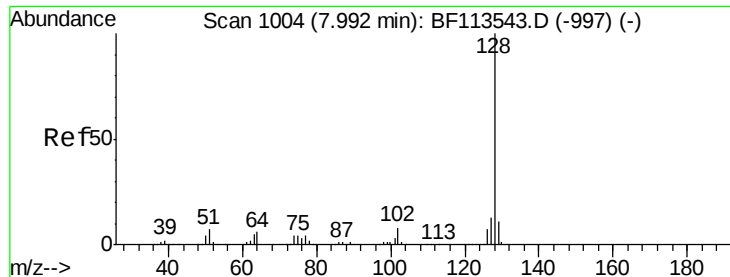
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	34.9	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.943 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	111.8
145	27.7	23.4	35.0

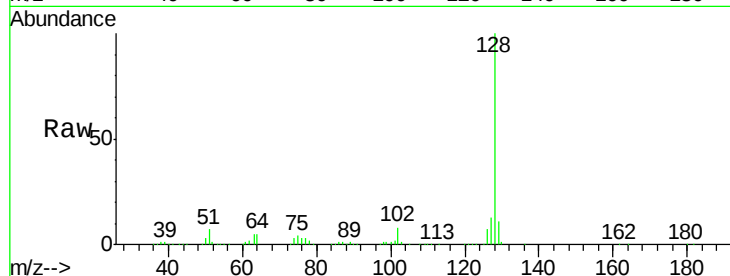




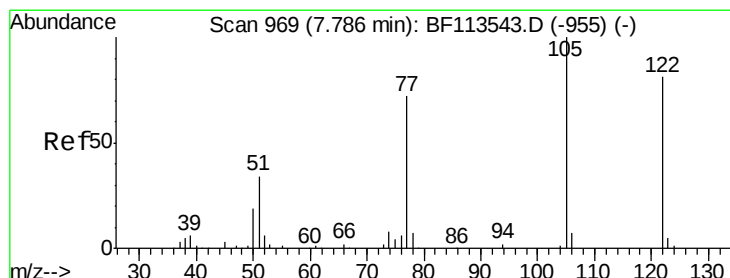
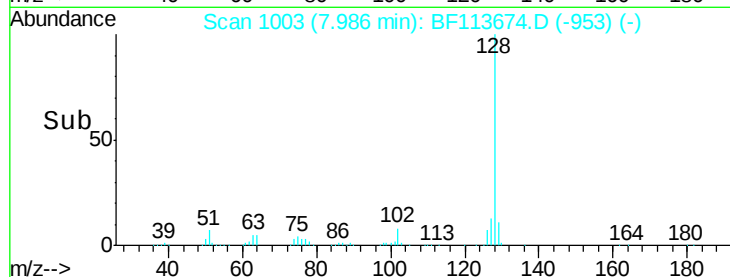
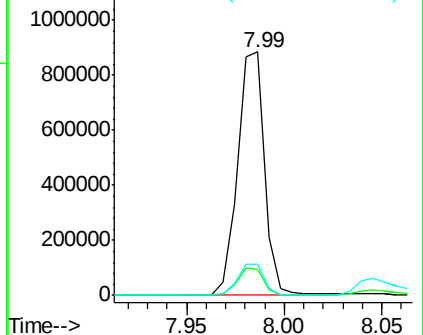
#31
Naphthalene
Concen: 45.214 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 847964
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 10.9 16.3

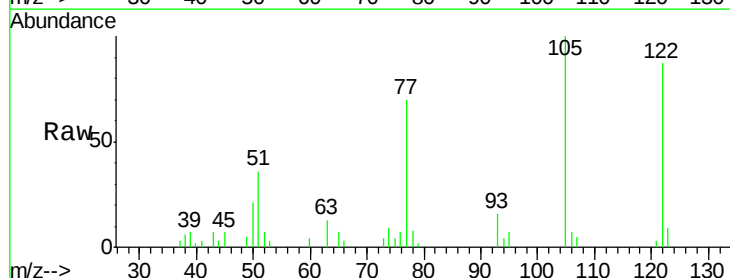


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

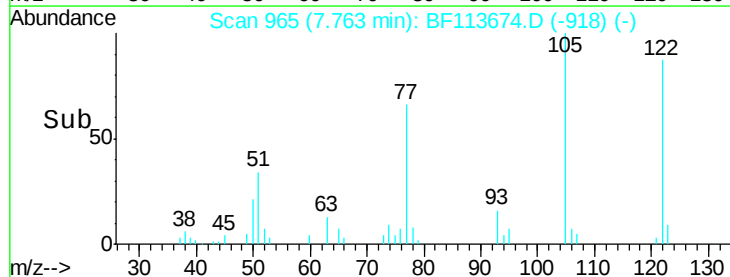
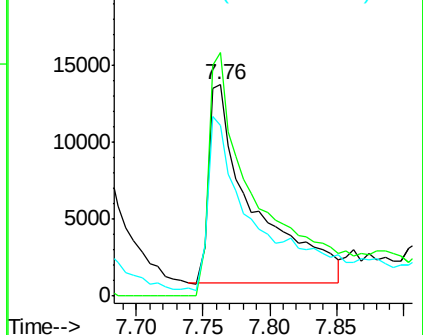


#32
Benzoic acid
Concen: 7.448 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:122 Resp: 30198
Ion Ratio Lower Upper
122 100
105 115.2 100.4 140.4
77 80.9 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

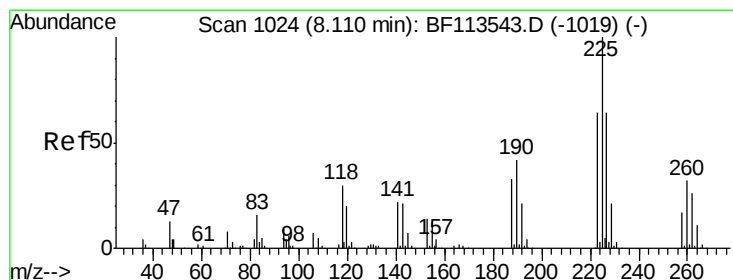
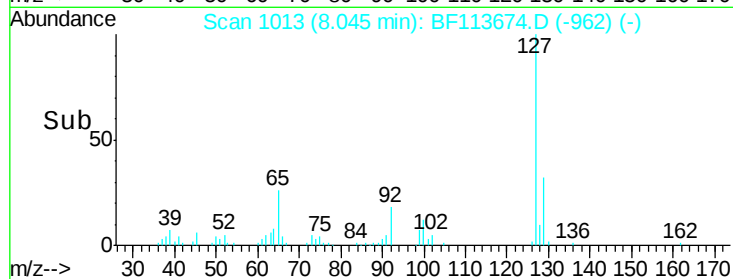
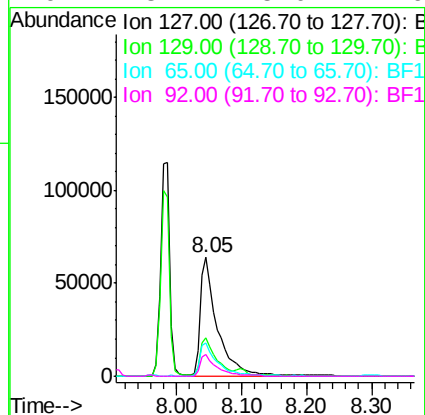
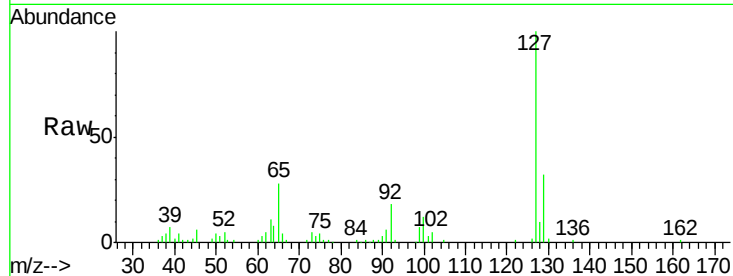




#33
 4-Chloroaniline
 Concen: 15.897 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

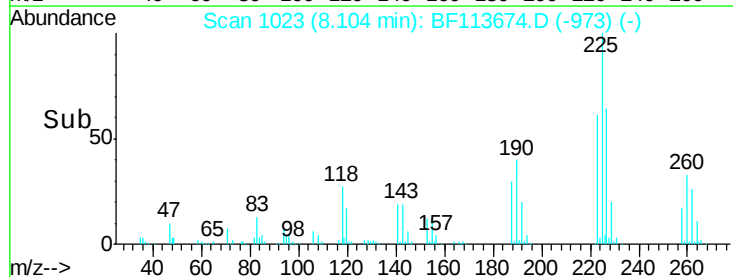
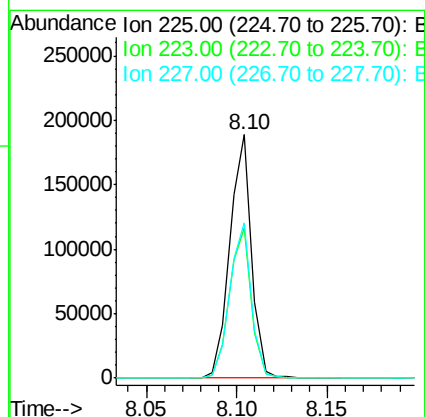
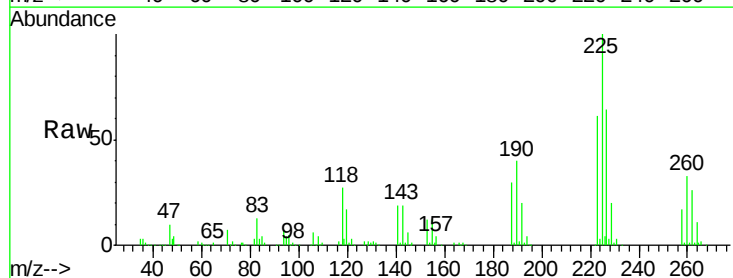
Instrument :
 BNA_F
 ClientSampleId :

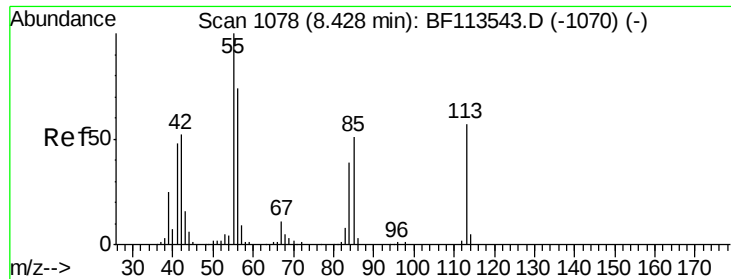
Tot Ion:	127	Resp:	118213
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	28.1	24.2	36.4
92	18.4	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 42.357 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:	225	Resp:	157108
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.2
227	63.5	51.1	76.7

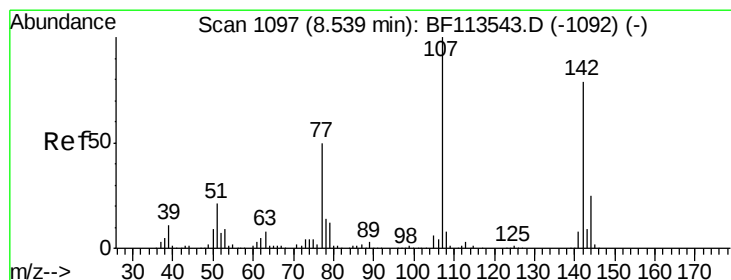
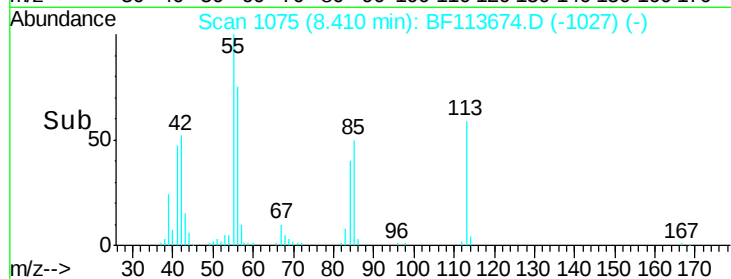
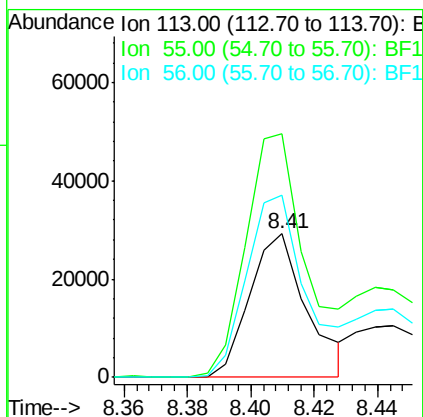
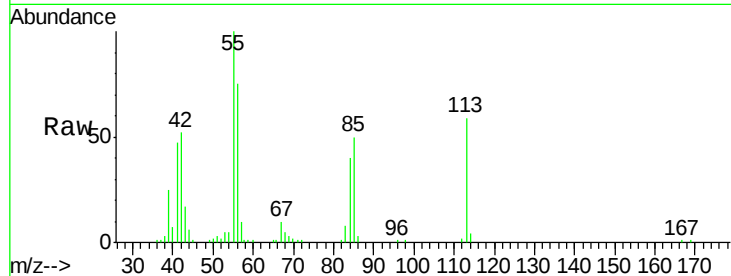




#35
 Caprolactam
 Concen: 20.531 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

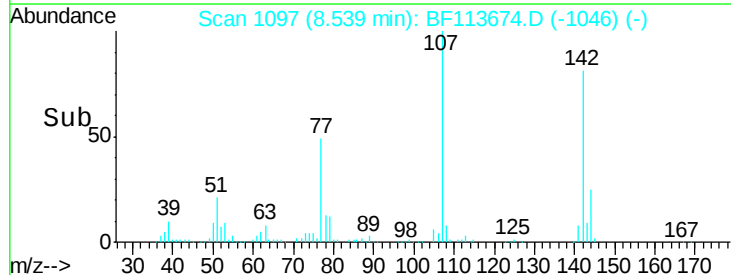
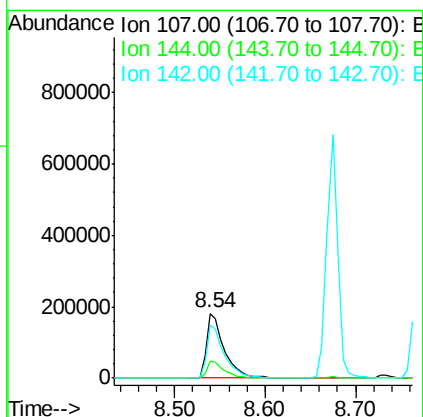
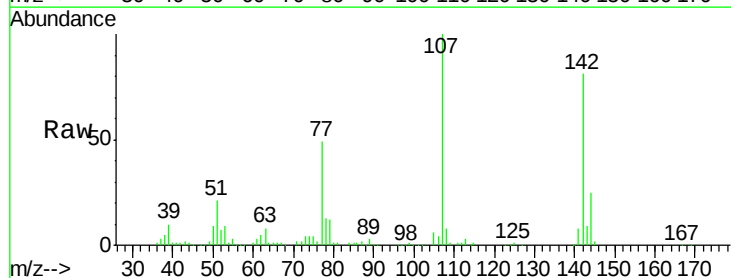
Instrument :
 BNA_F
 ClientSampleId :

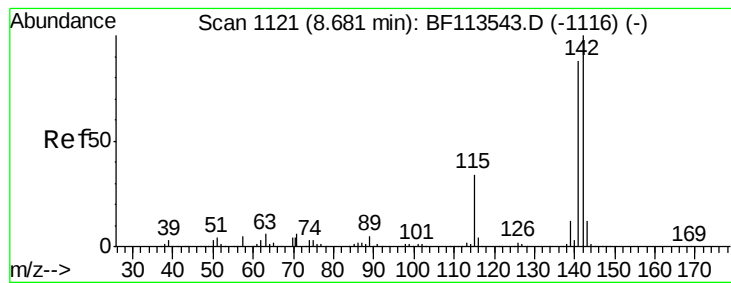
Tot Ion:113 Resp: 36511
 Ion Ratio Lower Upper
 113 100
 55 169.4 152.7 192.7
 56 126.9 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.510 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:107 Resp: 250317
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.4 32.0
 142 80.6 65.6 98.4

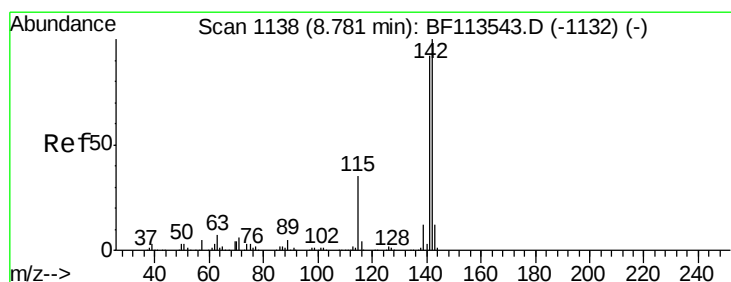
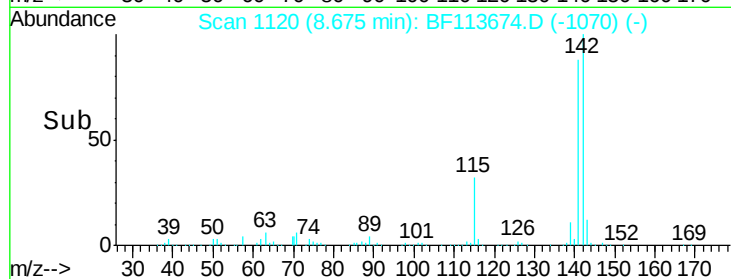
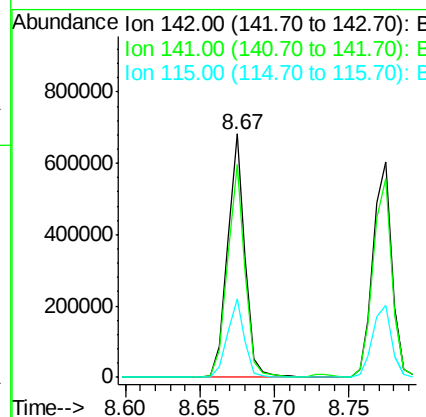
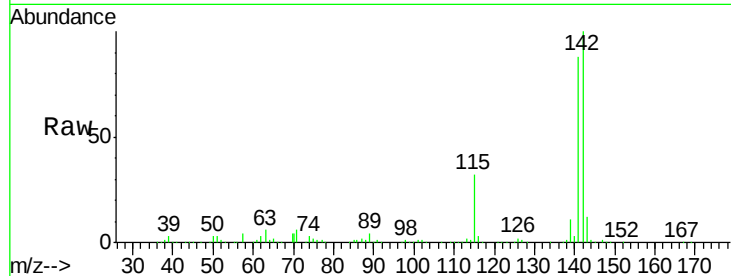




#37
 2-Methylnaphthalene
 Concen: 45.515 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

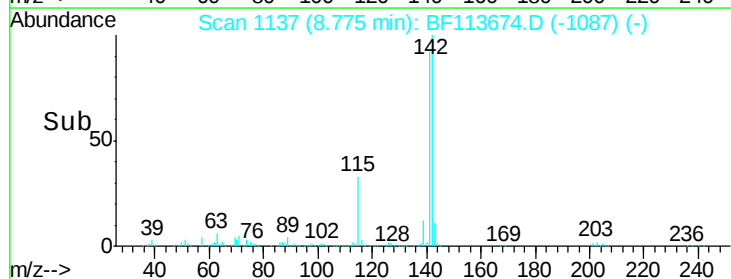
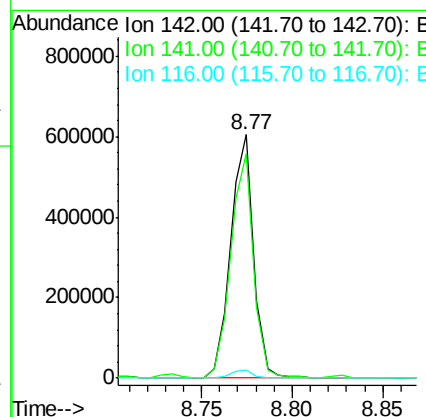
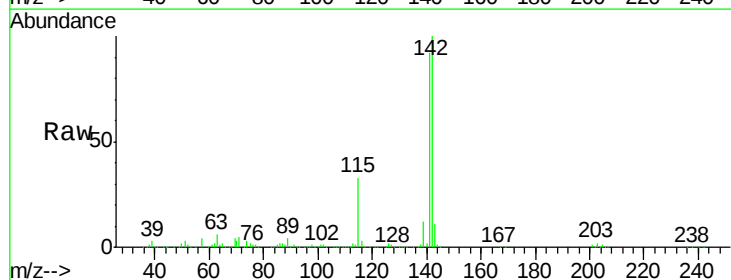
Instrument :
 BNA_F
 ClientSampleId :

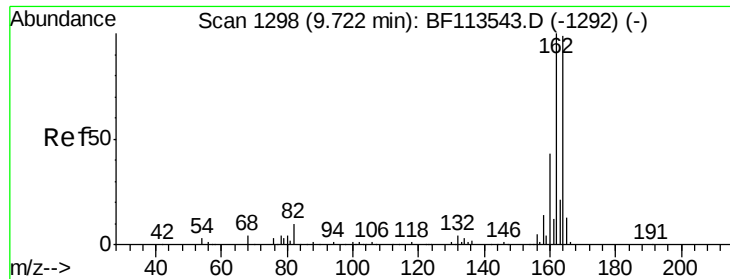
Tot Ion:142 Resp: 561416
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.0 106.6
 115 32.4 26.6 39.8



#38
 1-Methylnaphthalene
 Concen: 44.550 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:142 Resp: 529866
 Ion Ratio Lower Upper
 142 100
 141 92.0 73.2 109.8
 116 3.4 3.0 4.4

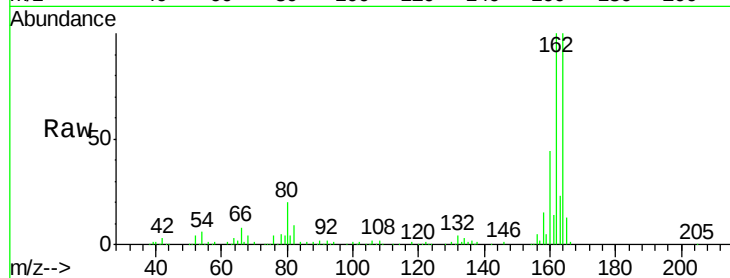




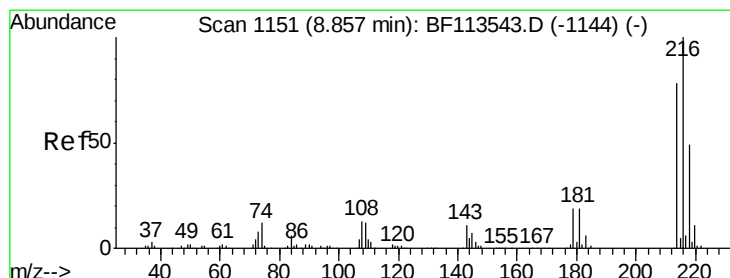
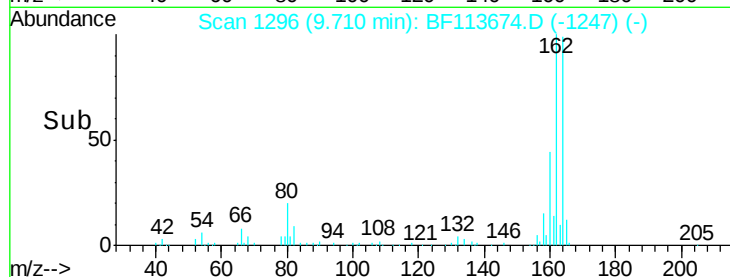
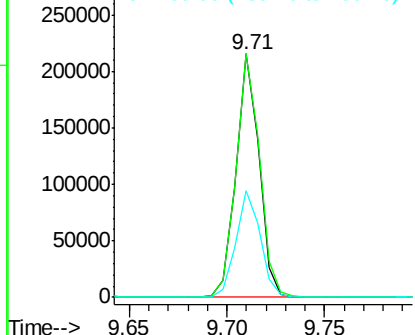
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 176736
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.8 122.6
 160 43.9 36.4 54.6



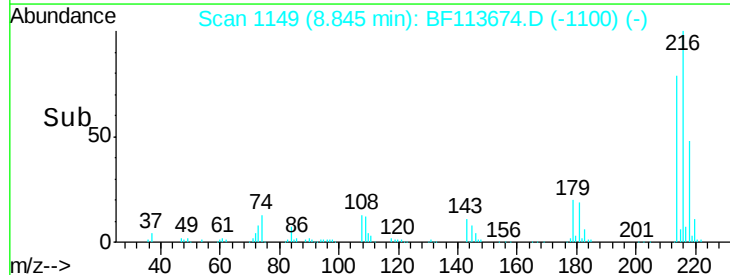
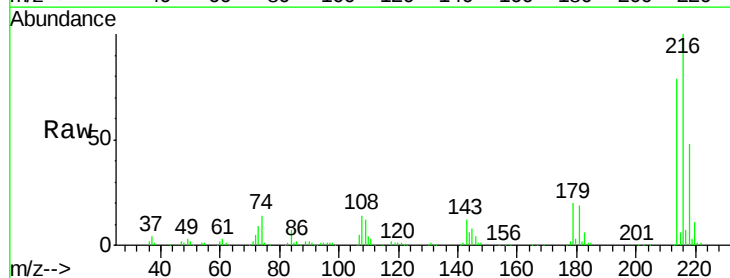
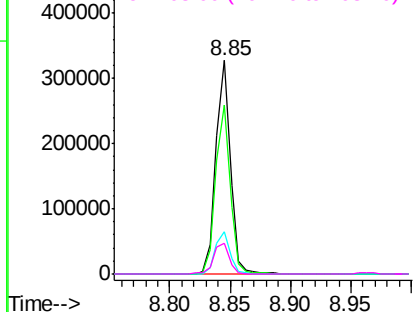
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.990 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:216 Resp: 268585
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.0 94.6
 179 20.1 16.8 25.2
 108 16.0 13.8 20.6

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

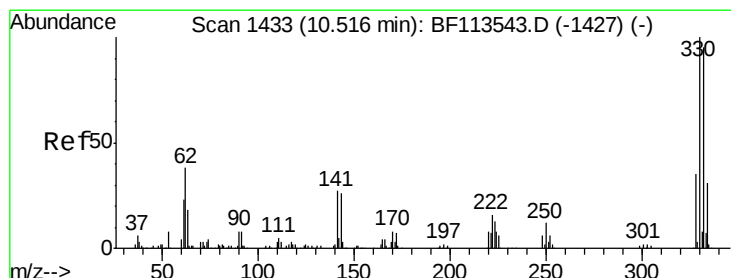
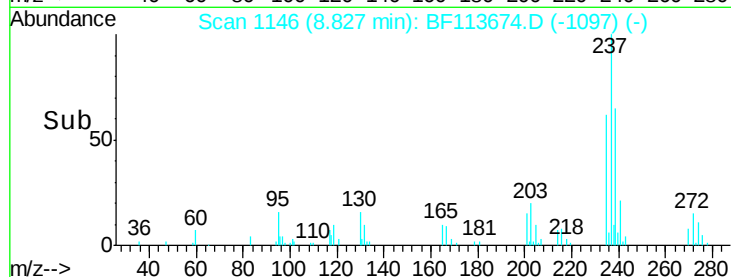
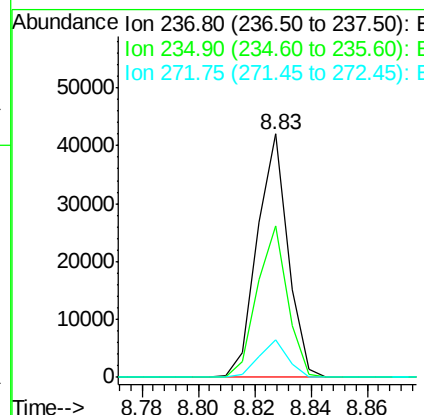
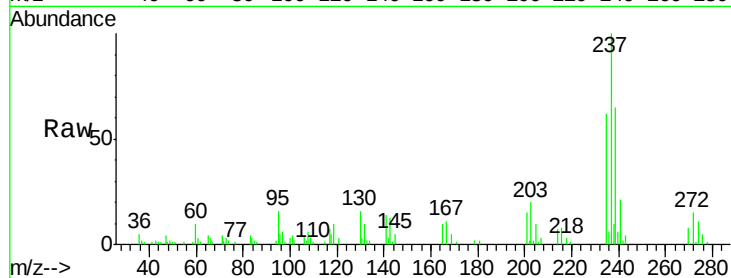




#41
Hexachlorocyclopentadiene
Concen: 26.605 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

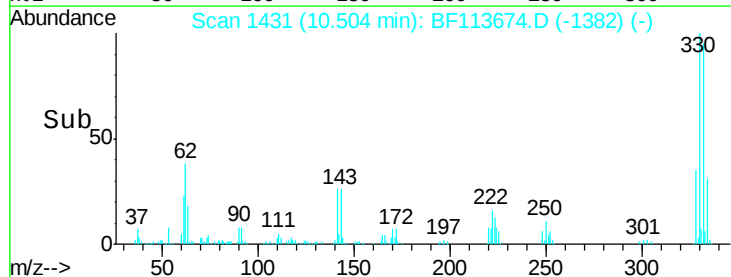
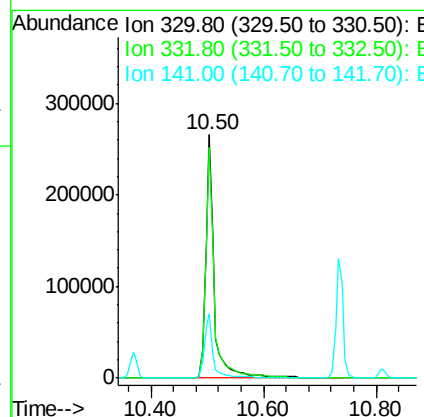
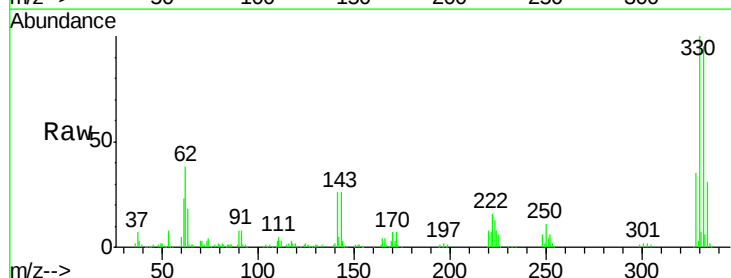
Instrument :
BNA_F
ClientSampleId :

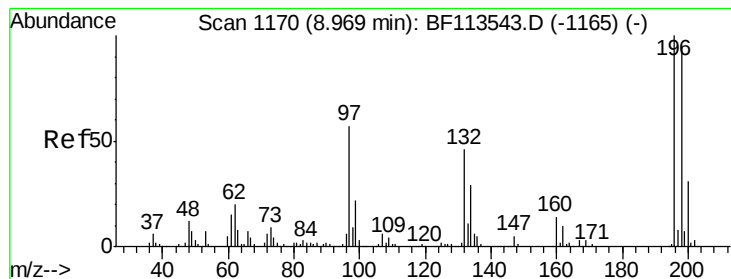
Tot Ion:237 Resp: 31800
Ion Ratio Lower Upper
237 100
235 62.2 43.4 83.4
272 15.3 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 132.023 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:330 Resp: 280289
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.6
141 25.8 22.7 34.1





#43

2,4,6-Trichlorophenol

Concen: 45.632 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

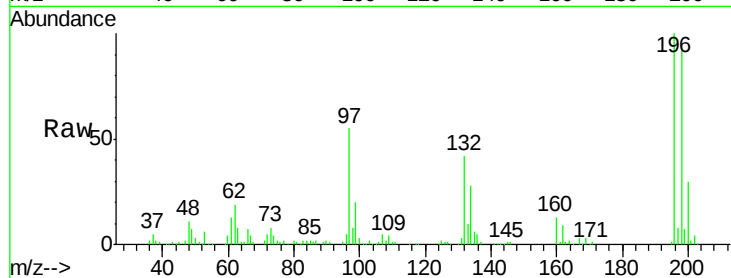
Tot Ion:196 Resp: 164637

Ion Ratio Lower Upper

196 100

198 93.8 77.7 116.5

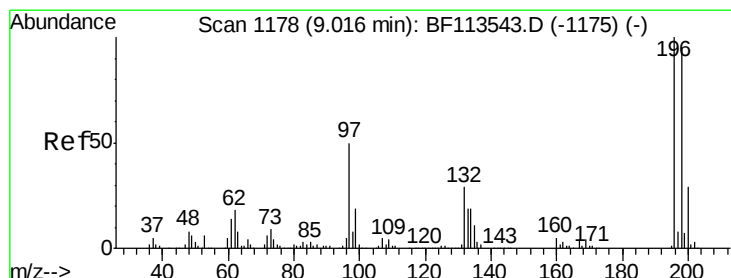
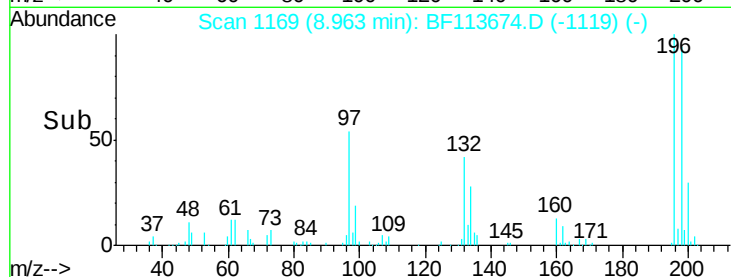
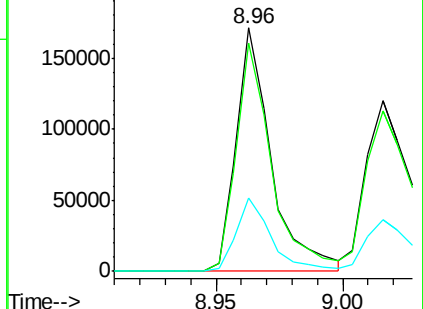
200 30.2 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.387 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Tgt Ion:196 Resp: 175806

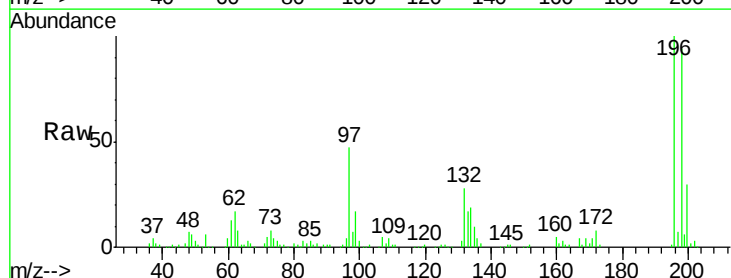
Ion Ratio Lower Upper

196 100

198 94.1 75.4 113.2

97 47.1 38.6 58.0

132 27.7 22.9 34.3

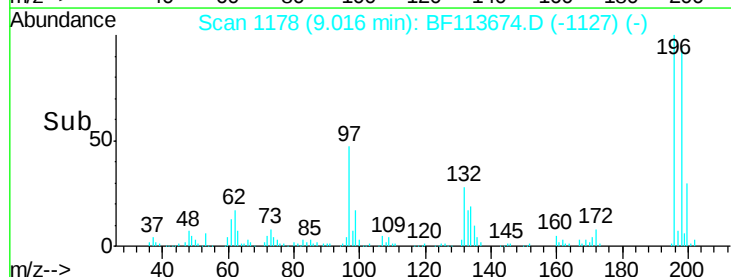
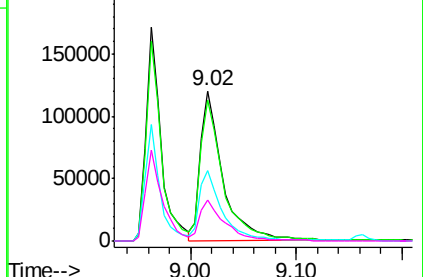


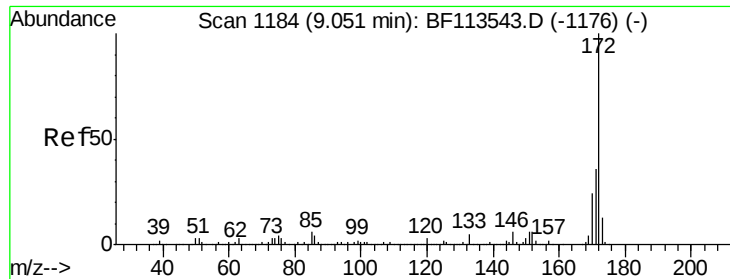
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



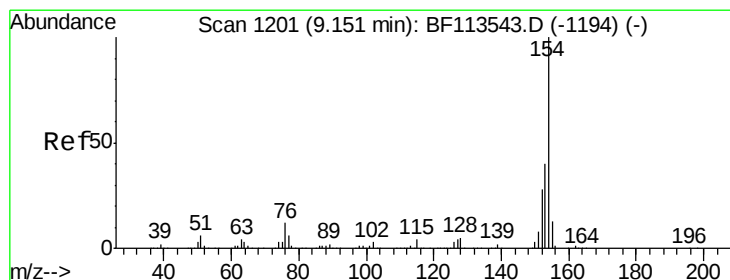
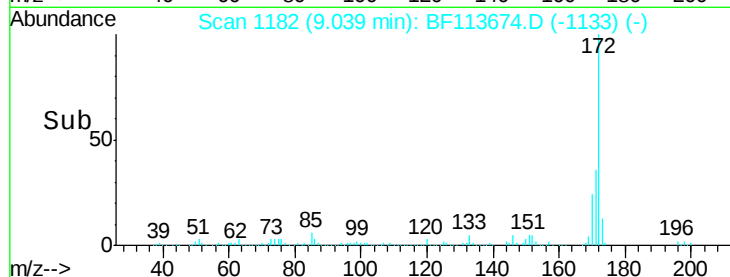
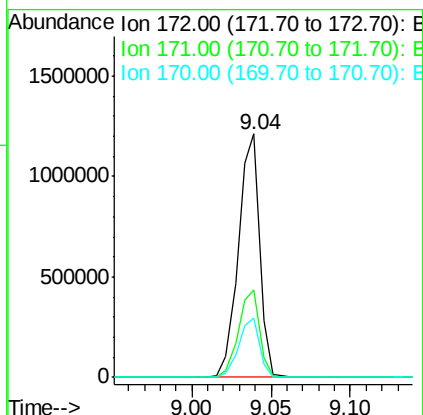
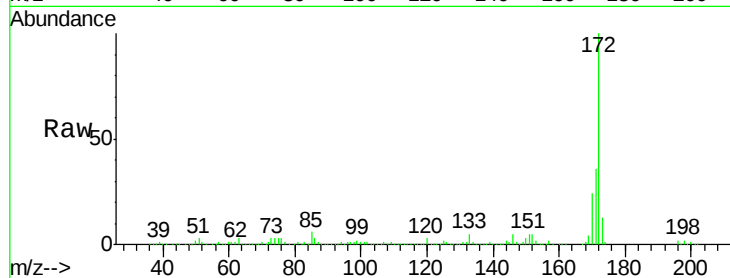


#45
 2-Fluorobiphenyl
 Concen: 102.198 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1121946

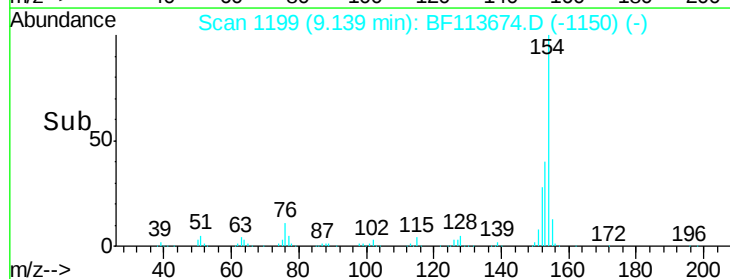
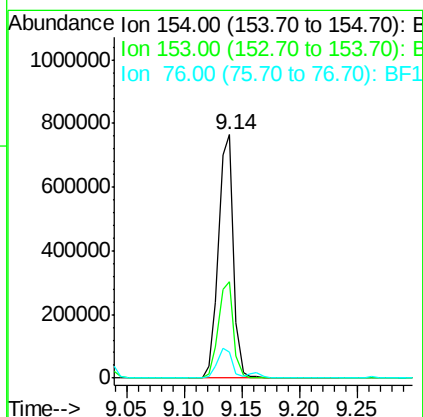
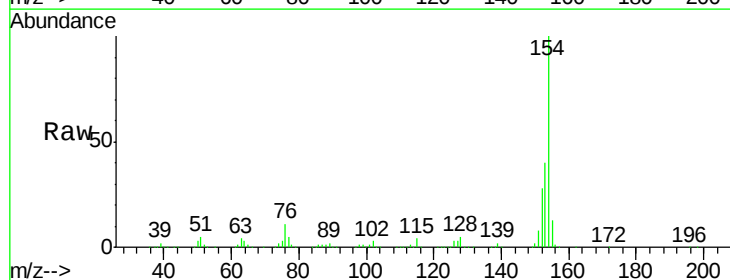
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.5	29.3

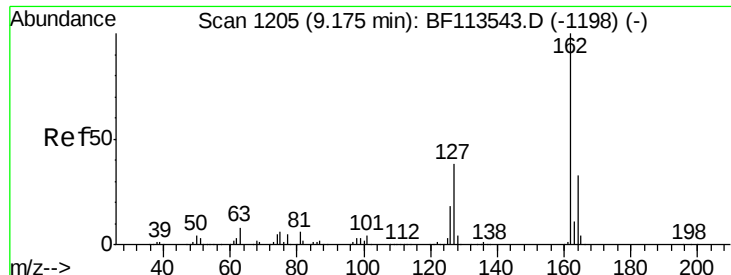


#46
 1,1'-Biphenyl
 Concen: 47.484 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:154 Resp: 692512

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	10.8	0.0	31.9

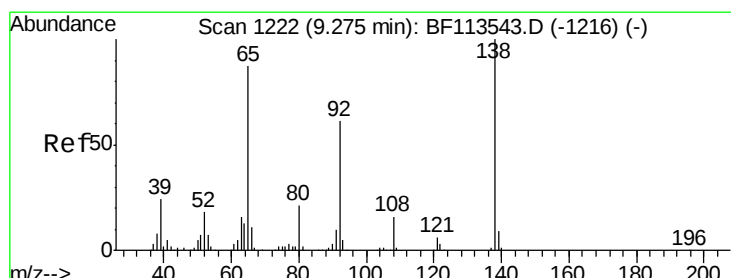
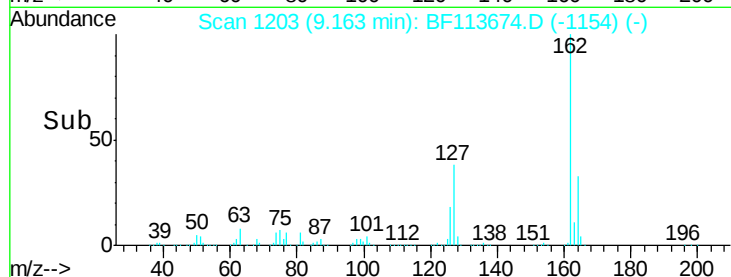
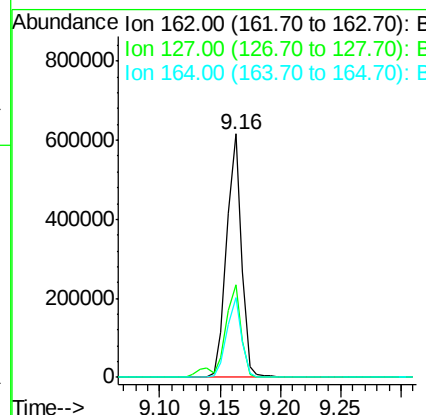
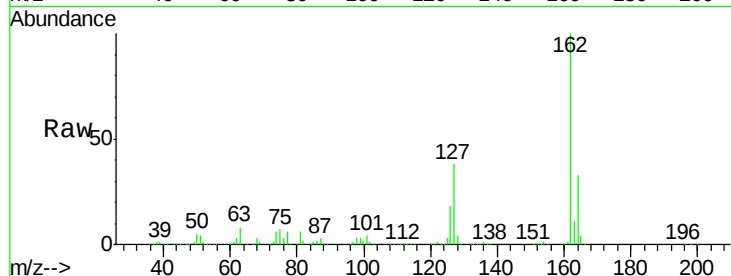




#47
 2-Chloronaphthalene
 Concen: 47.183 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

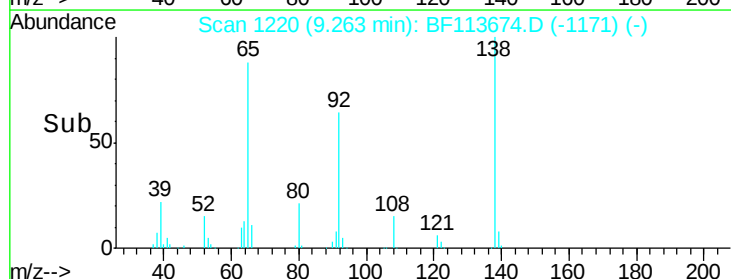
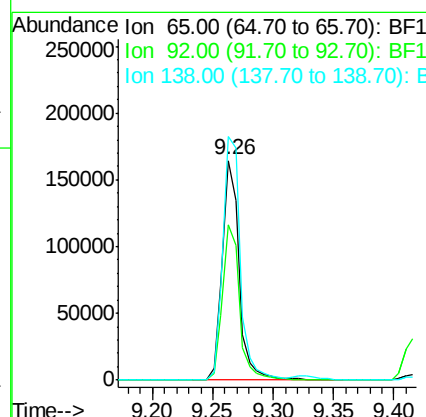
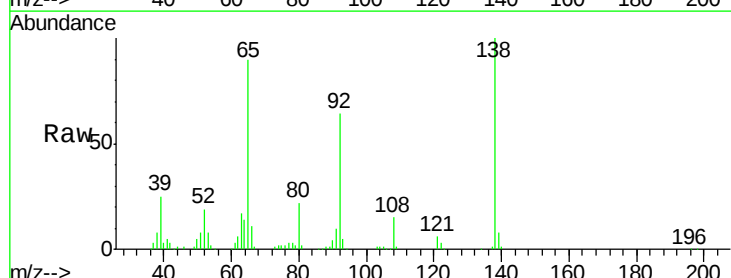
Instrument :
 BNA_F
 ClientSampleId :

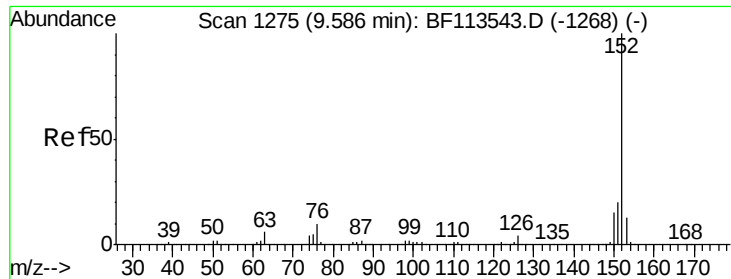
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.6	49.0
164	32.8	26.6	39.8



#48
 2-Nitroaniline
 Concen: 46.717 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	56.8	85.2
138	110.8	92.3	138.5





#49

Acenaphthylene

Concen: 45.320 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

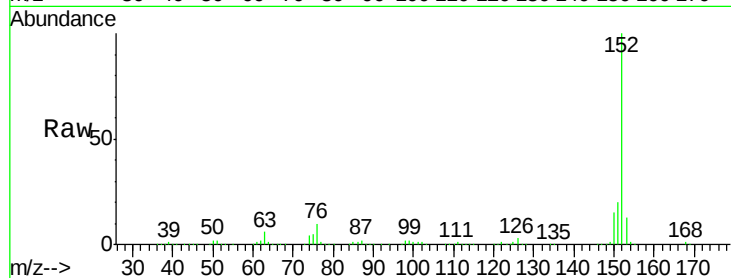
Tot Ion:152 Resp: 813749

Ion Ratio Lower Upper

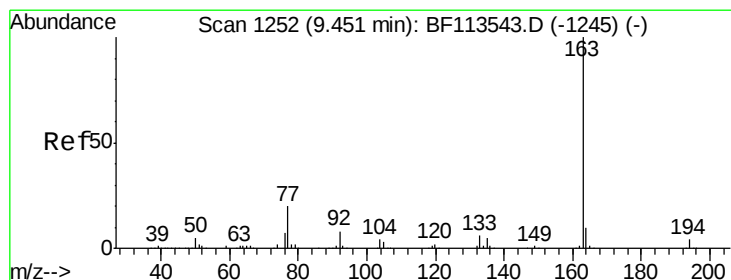
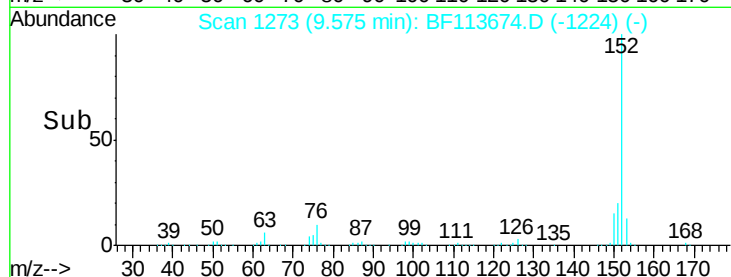
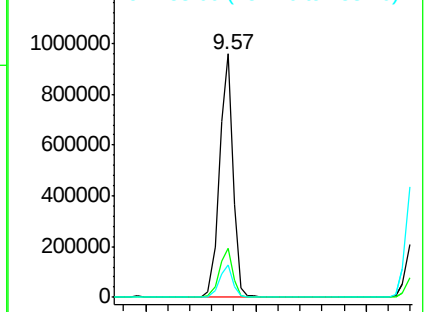
152 100

151 20.2 16.2 24.4

153 13.2 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: 47.111 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

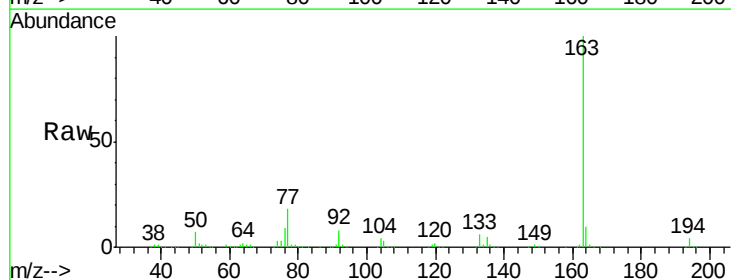
Tgt Ion:163 Resp: 613754

Ion Ratio Lower Upper

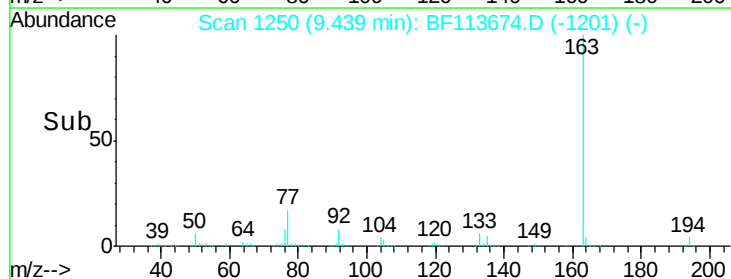
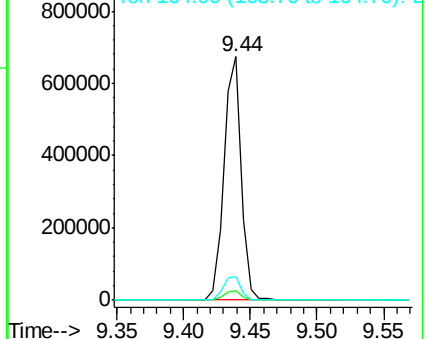
163 100

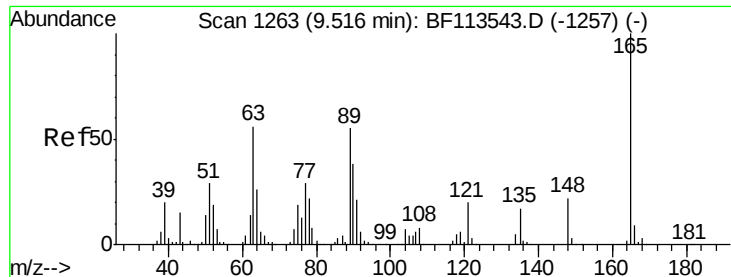
194 3.9 3.0 4.6

164 9.9 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

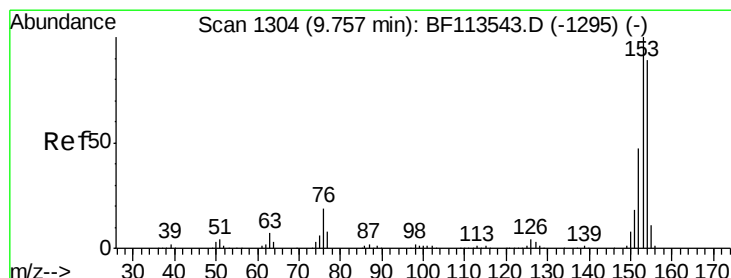
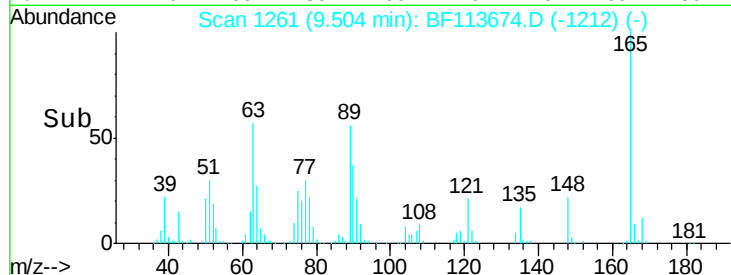
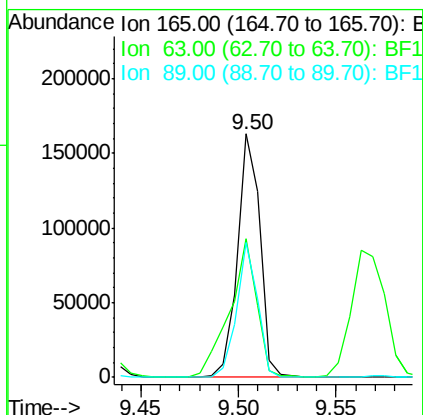
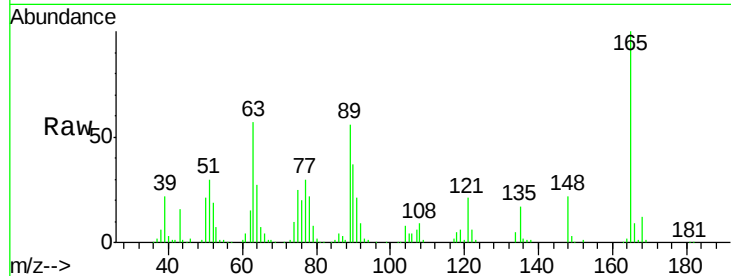




#51
 2,6-Dinitrotoluene
 Concen: 45.137 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

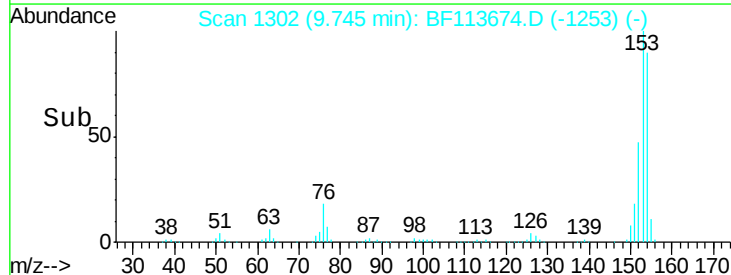
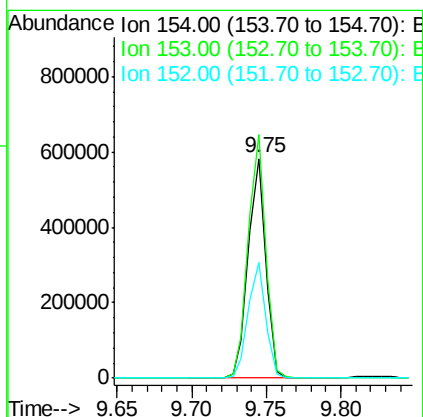
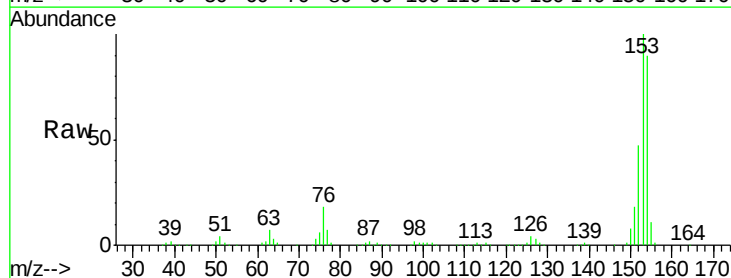
Instrument :
 BNA_F
 ClientSampleId :

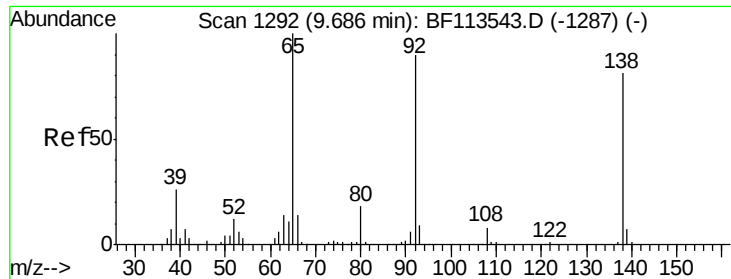
Tot Ion:165 Resp: 129621
 Ion Ratio Lower Upper
 165 100
 63 56.7 43.4 65.0
 89 55.6 43.1 64.7



#52
 Acenaphthene
 Concen: 46.184 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:154 Resp: 474696
 Ion Ratio Lower Upper
 154 100
 153 111.0 89.5 134.3
 152 52.7 43.3 64.9

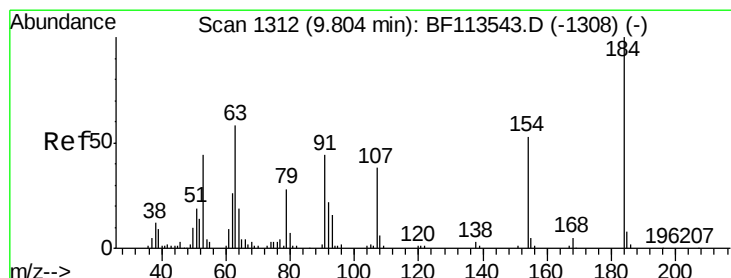
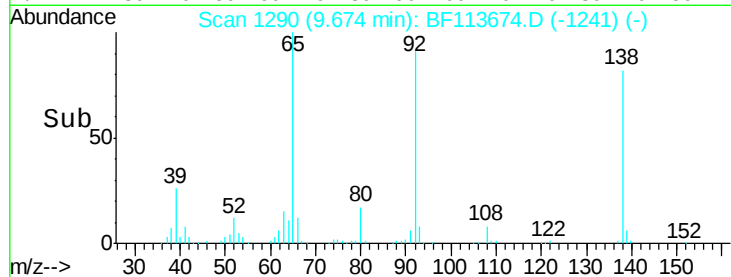
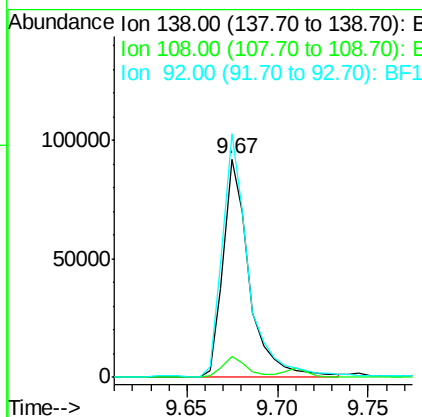
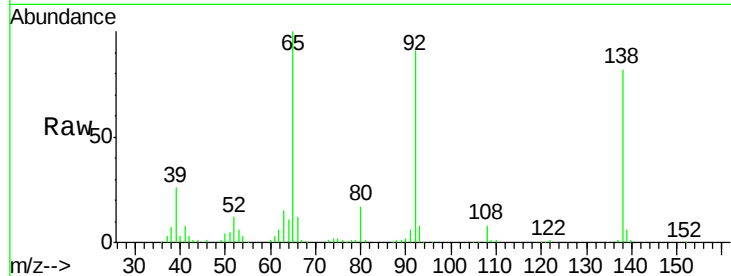




#53
 3-Nitroaniline
 Concen: 28.672 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

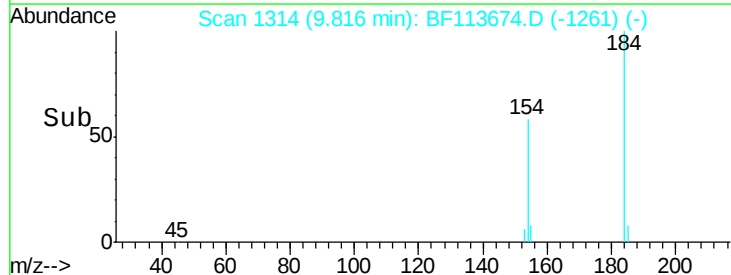
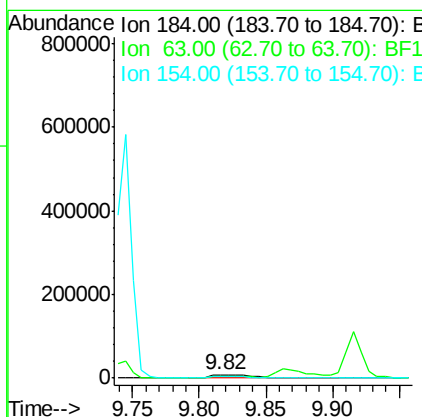
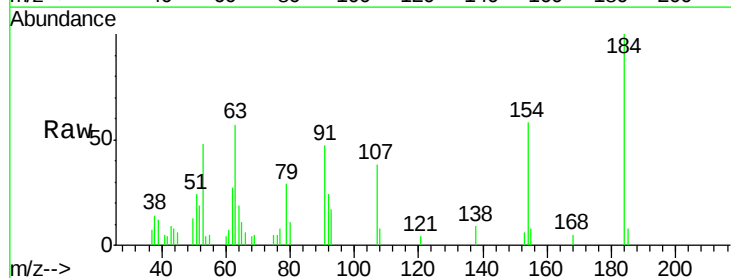
Instrument :
 BNA_F
 ClientSampleId :

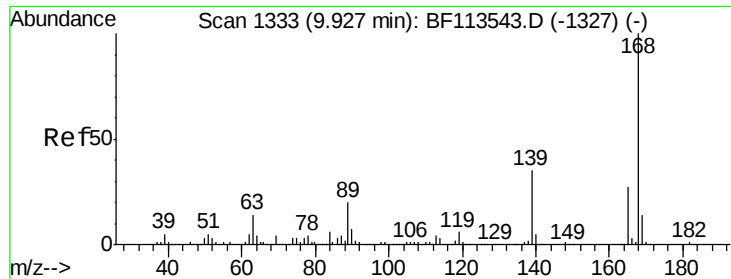
Tot Ion:138 Resp: 93613
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.8 11.6
 92 111.4 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 14.096 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:184 Resp: 18938
 Ion Ratio Lower Upper
 184 100
 63 57.1 54.3 81.5
 154 58.1 48.4 72.6

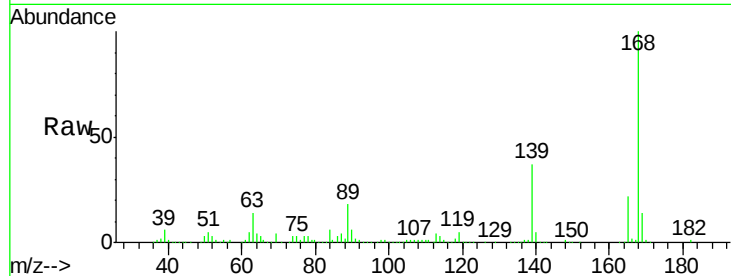




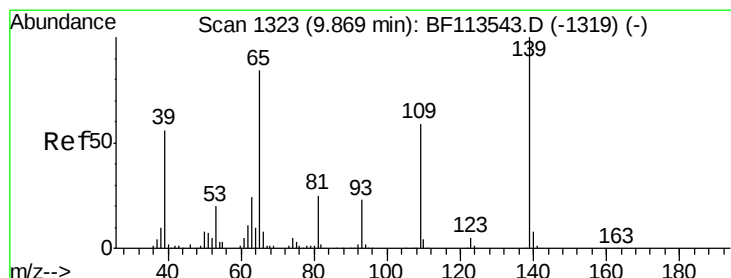
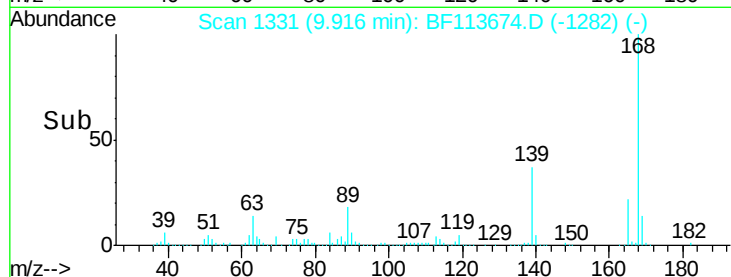
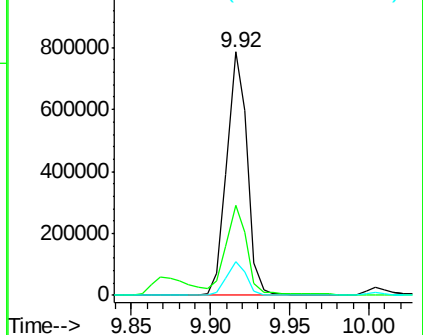
#55
Dibenzenofuran
Concen: 46.661 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 703521
Ion Ratio Lower Upper
168 100
139 37.2 29.7 44.5
169 13.7 10.7 16.1

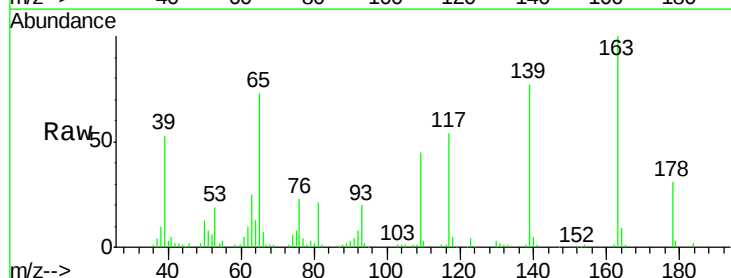


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

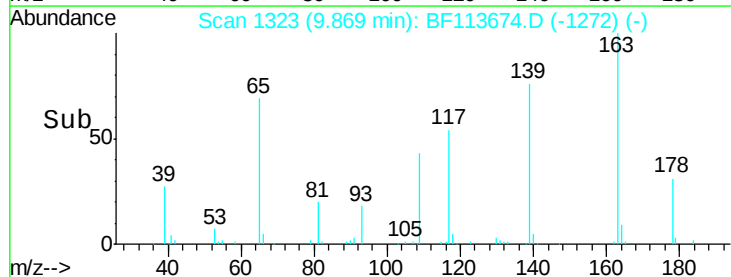
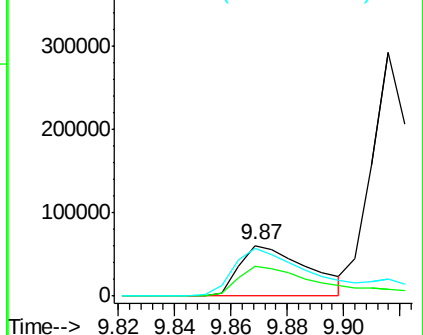


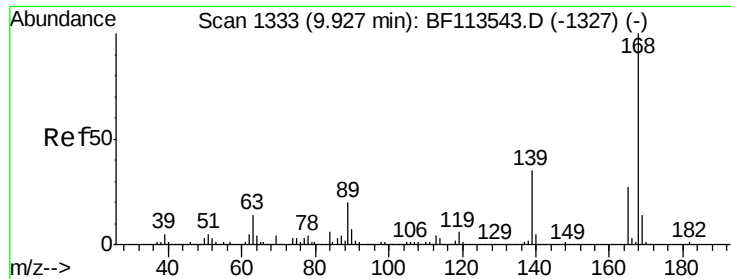
#56
4-Nitrophenol
Concen: 50.282 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:139 Resp: 101837
Ion Ratio Lower Upper
139 100
109 58.4 46.9 86.9
65 95.0 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

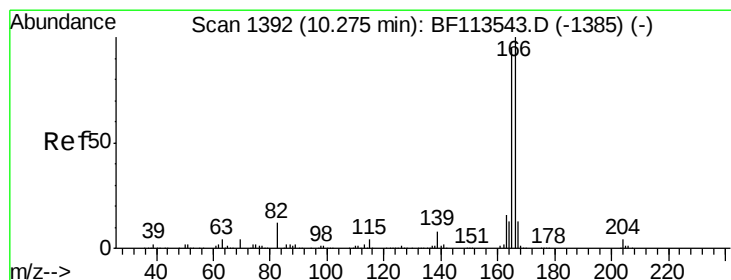
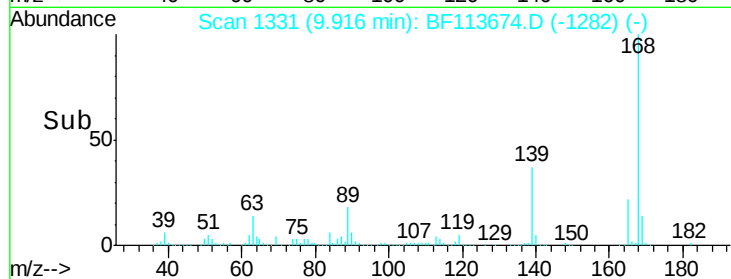
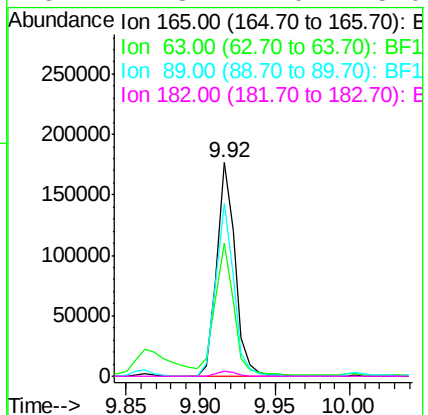
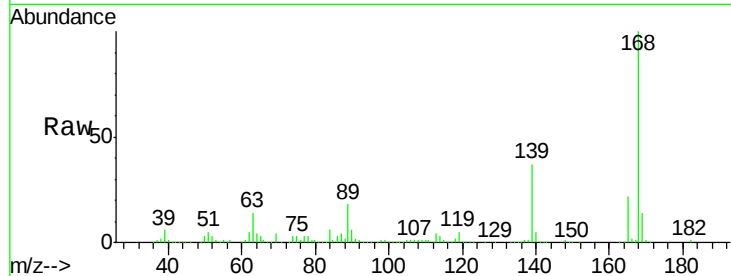




#57
 2,4-Dinitrotoluene
 Concen: 44.056 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

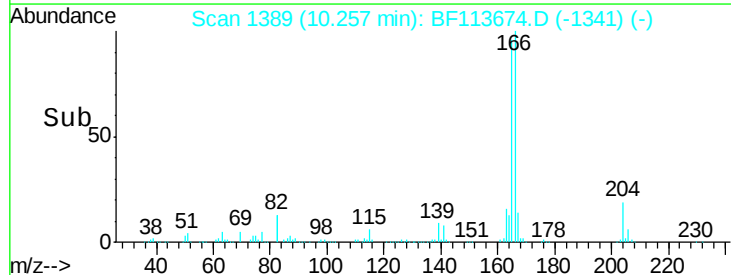
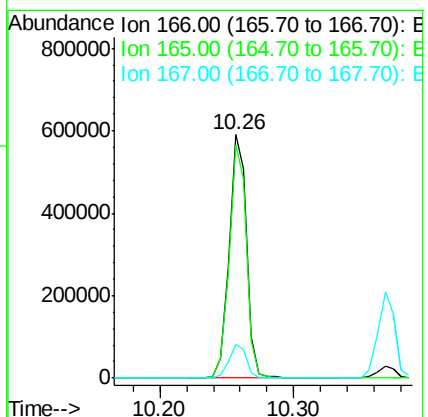
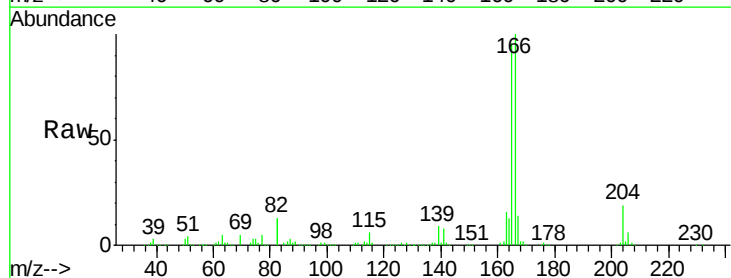
Instrument :
 BNA_F
 ClientSampleId :

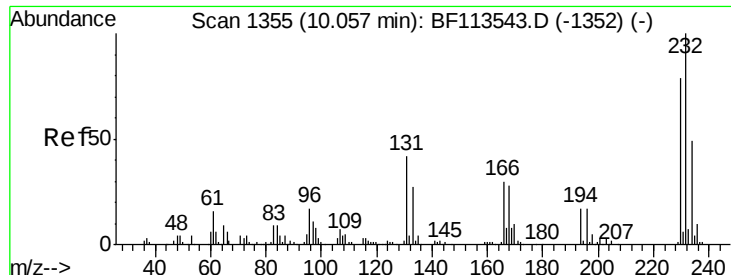
Tot Ion:165 Resp: 153011
 Ion Ratio Lower Upper
 165 100
 63 62.2 37.5 56.3#
 89 80.9 57.4 86.2
 182 2.3 2.0 3.0



#58
 Fluorene
 Concen: 45.602 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:166 Resp: 543802
 Ion Ratio Lower Upper
 166 100
 165 96.0 76.2 114.2
 167 14.1 10.7 16.1

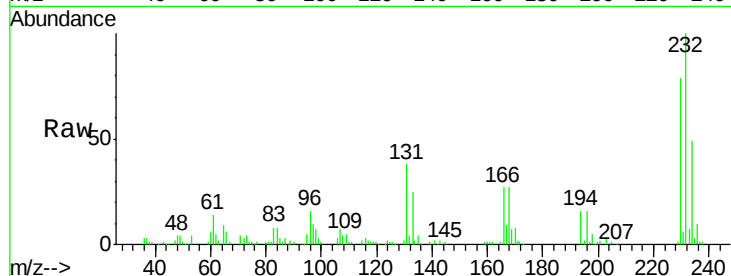




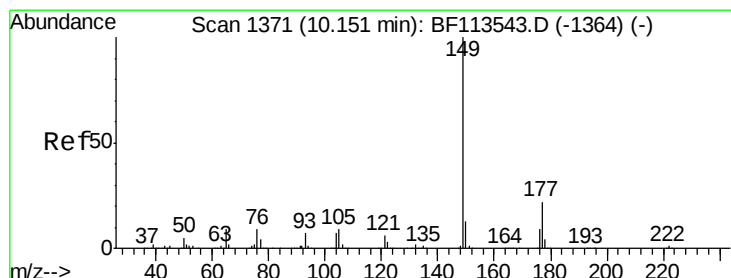
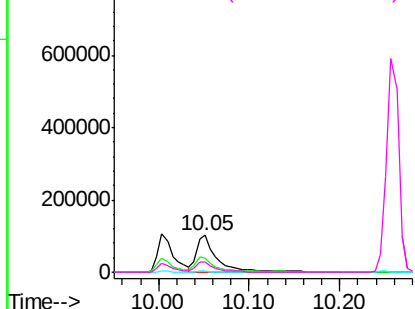
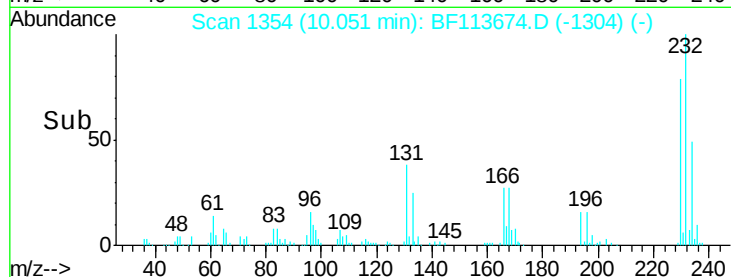
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.619 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 156306
 Ion Ratio Lower Upper
 232 100
 131 39.7 33.2 49.8
 130 1.8 1.6 2.4
 166 25.4 21.0 31.6

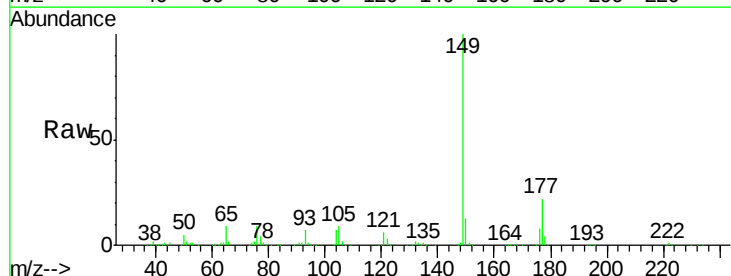


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

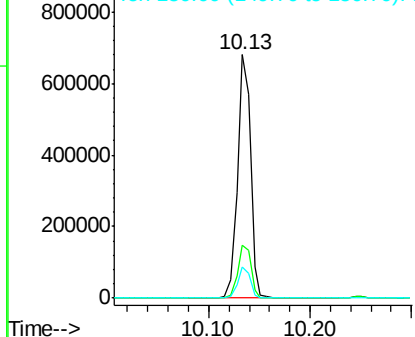
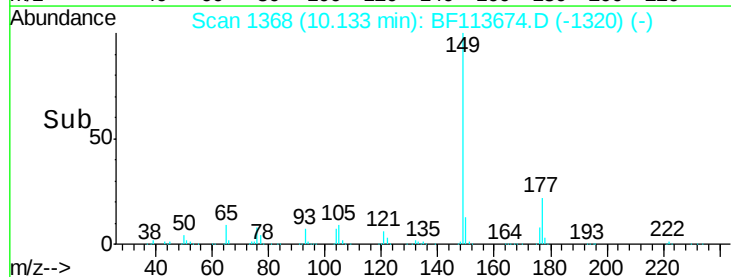


#60
 Diethylphthalate
 Concen: 48.076 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:149 Resp: 603863
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.4 26.0
 150 12.5 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

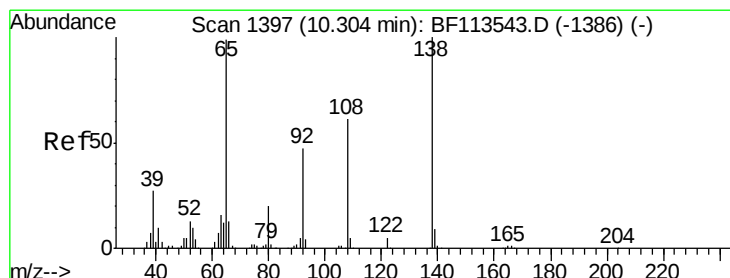
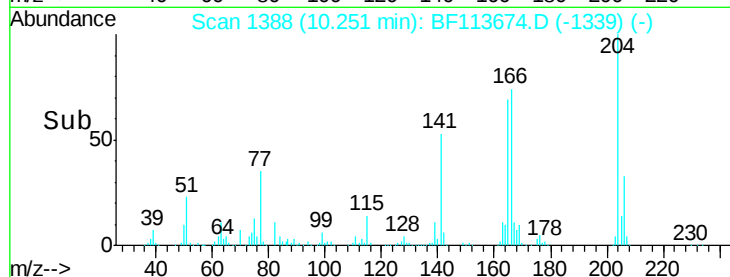
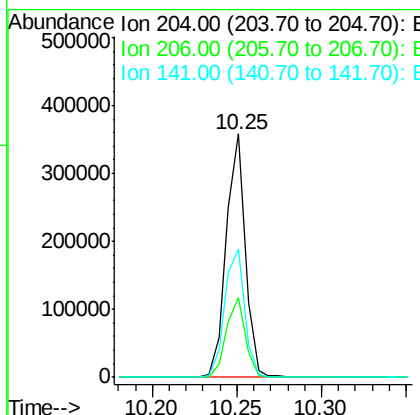
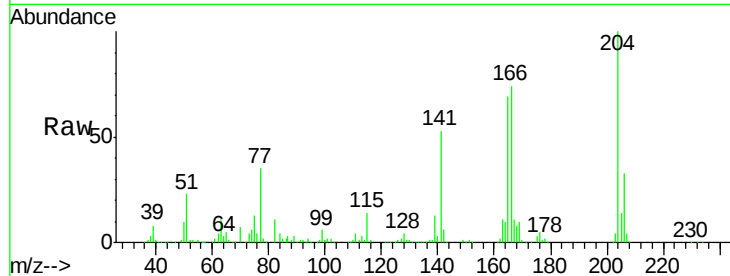




#61
 4-Chlorophenyl-phenylether
 Concen: 48.022 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

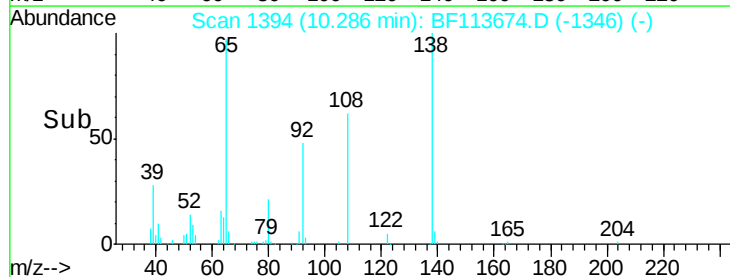
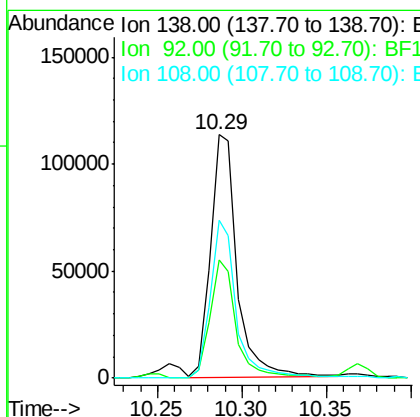
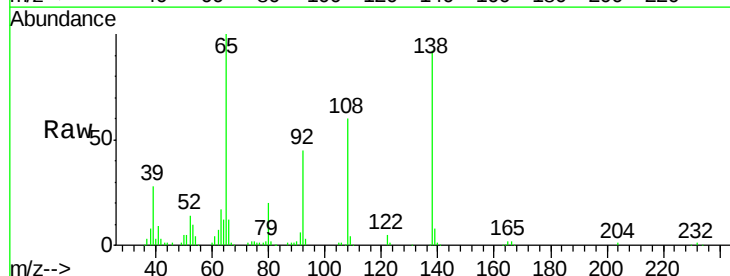
Instrument :
 BNA_F
 ClientSampled :

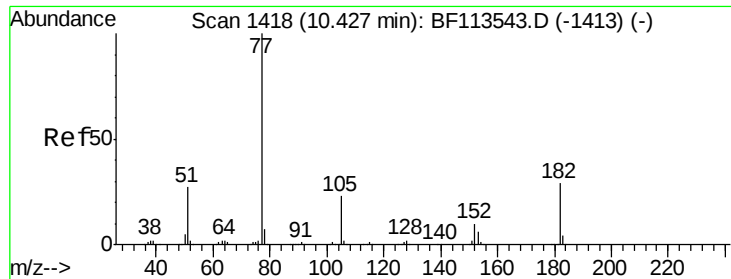
Tot Ion:204 Resp: 281674
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.9 40.3
 141 52.7 48.8 73.2



#62
 4-Nitroaniline
 Concen: 37.315 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:138 Resp: 123890
 Ion Ratio Lower Upper
 138 100
 92 48.7 25.8 65.8
 108 65.0 44.0 84.0





#63

Azobenzene

Concen: 44.317 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

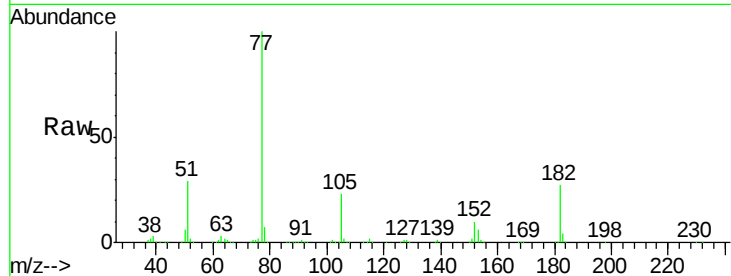
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 527059

Ion	Ratio	Lower	Upper
77	100		
182	26.9	8.7	48.7
105	22.8	2.9	42.9
51	28.7	8.8	48.8

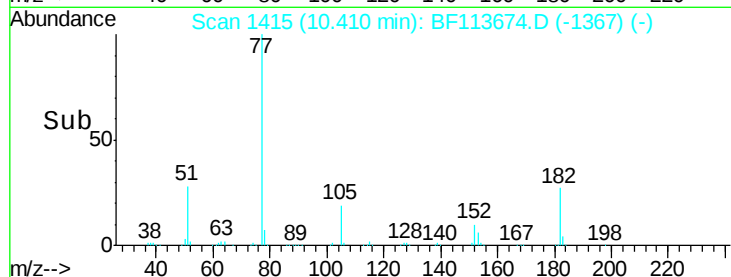


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

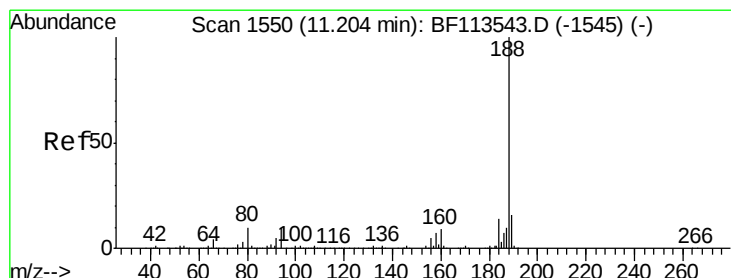
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.35 10.40 10.45 10.50



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

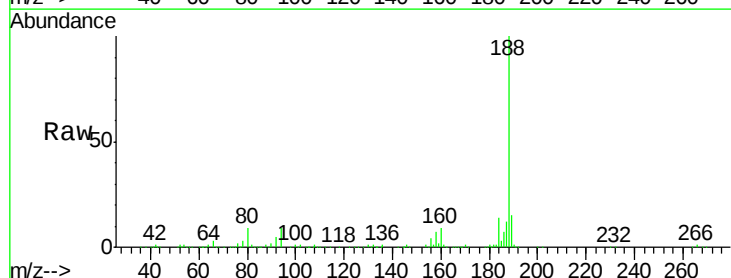
Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Tgt Ion: 188 Resp: 306870

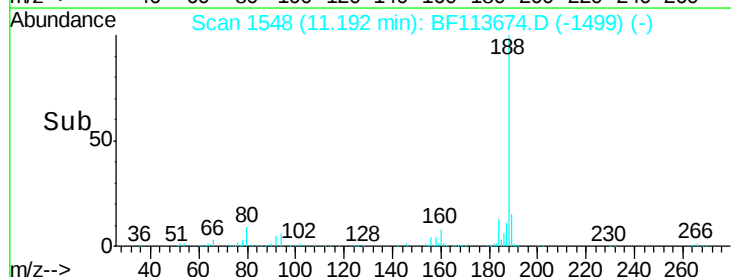
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.3	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.15 11.20 11.25



#65

4,6-Dinitro-2-methylphenol

Concen: 10.841 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

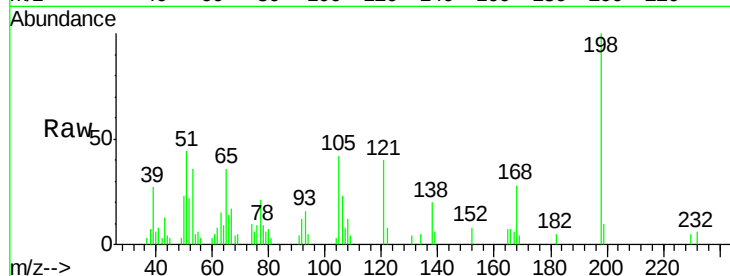
Tot Ion:198 Resp: 17514

Ion	Ratio	Lower	Upper
198	100		
51	44.2	21.6	61.6
105	41.7	20.6	60.6

198 100

51 44.2 21.6 61.6

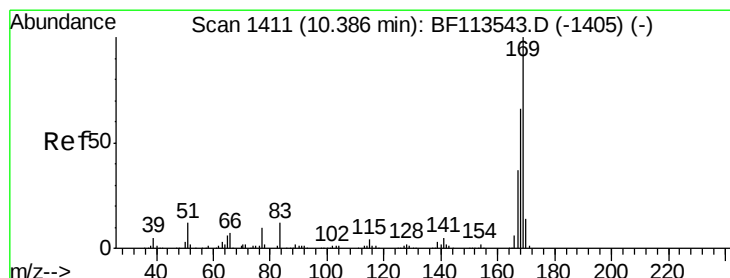
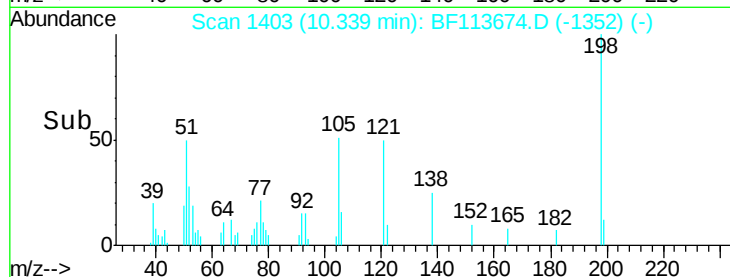
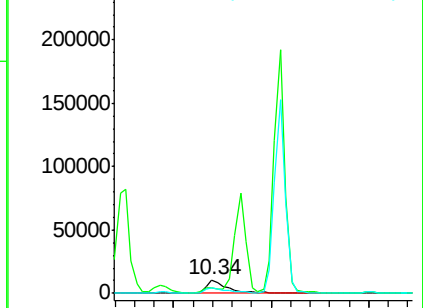
105 41.7 20.6 60.6



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: 52.602 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

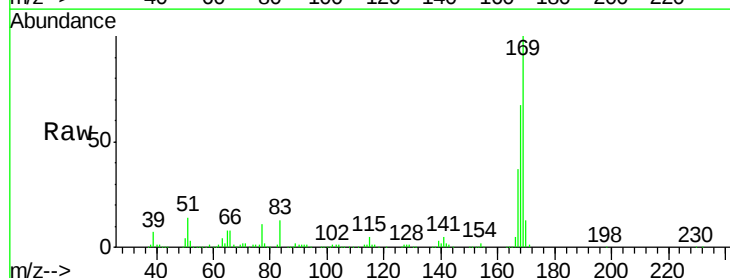
Tgt Ion:169 Resp: 495546

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.7	80.5
167	36.6	29.5	44.3

169 100

168 66.5 53.7 80.5

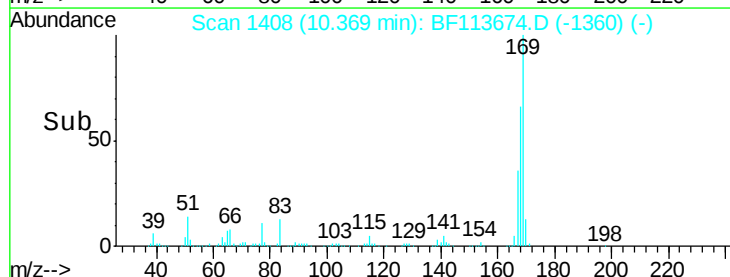
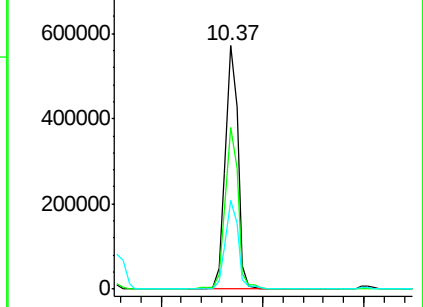
167 36.6 29.5 44.3

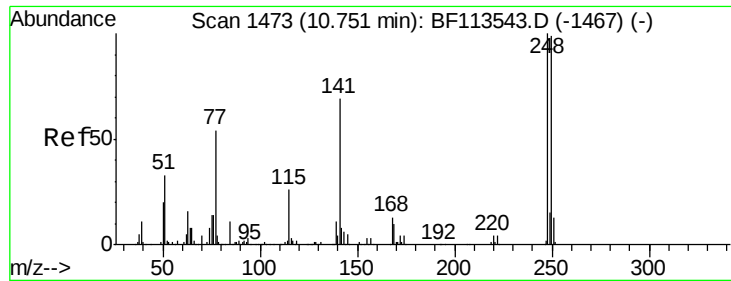


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

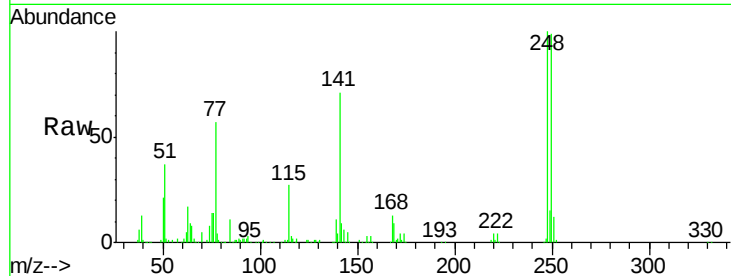




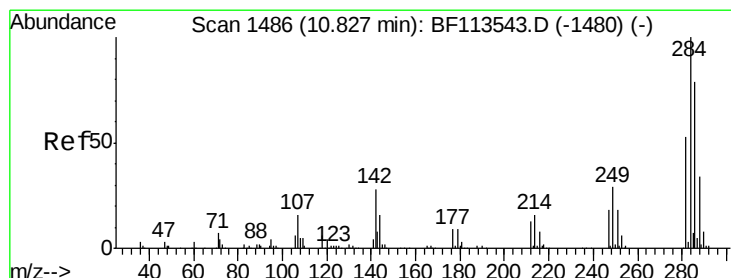
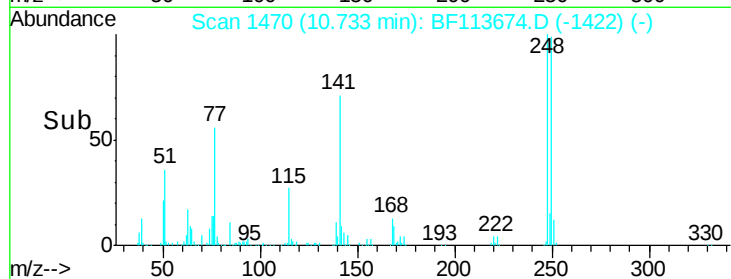
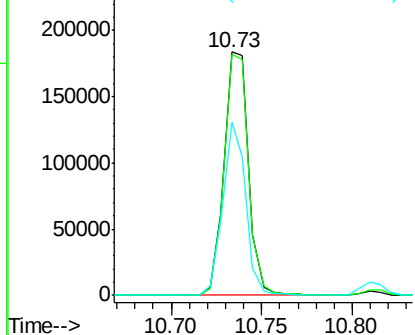
#67
4-Bromophenyl-phenylether
Concen: 50.214 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 172821
Ion Ratio Lower Upper
248 100
250 99.0 78.3 117.5
141 71.4 56.2 84.4

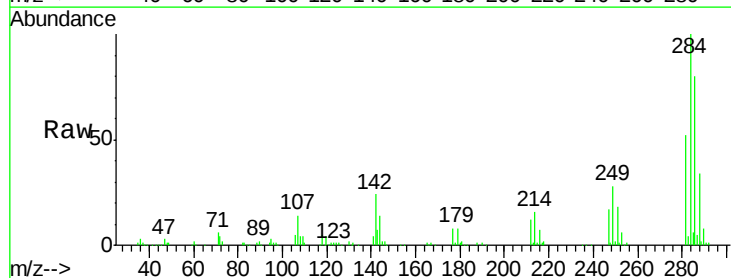


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

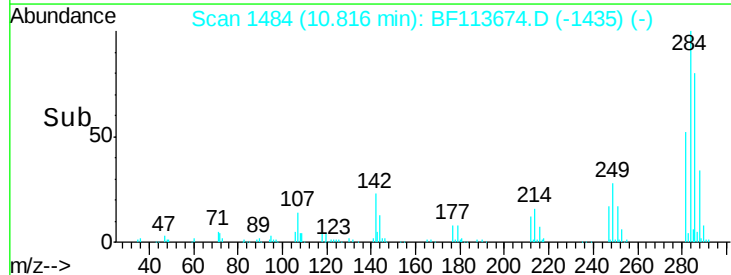
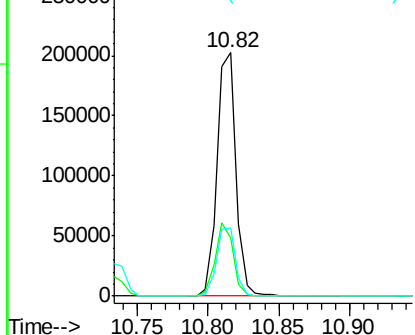


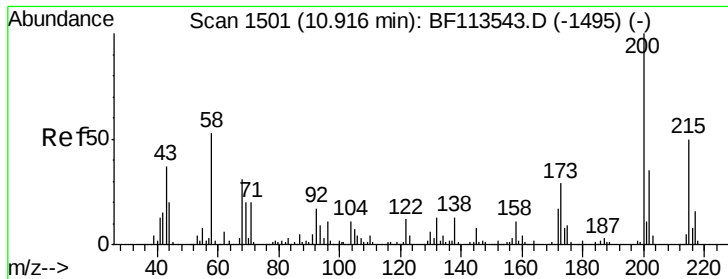
#68
Hexachlorobenzene
Concen: 47.817 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:284 Resp: 188569
Ion Ratio Lower Upper
284 100
142 23.6 20.1 30.1
249 28.1 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

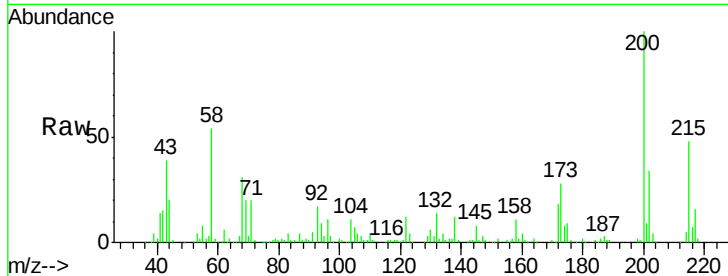




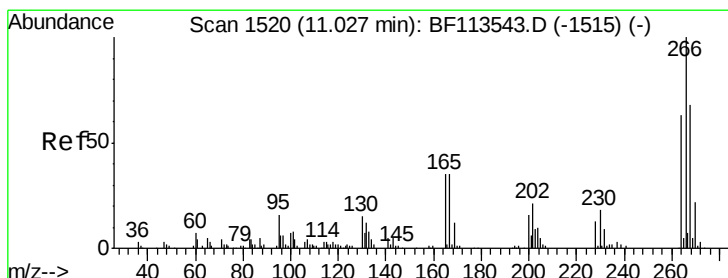
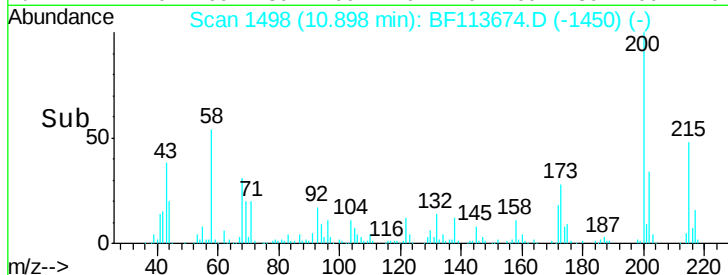
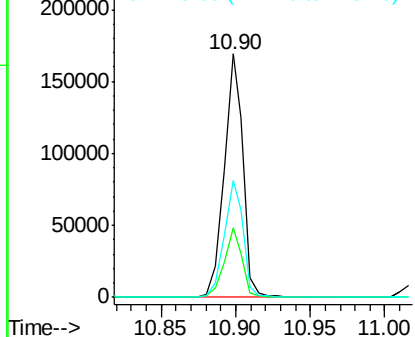
#69
 Atrazine
 Concen: 50.621 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.0	46.0
215	48.0	31.3	71.3

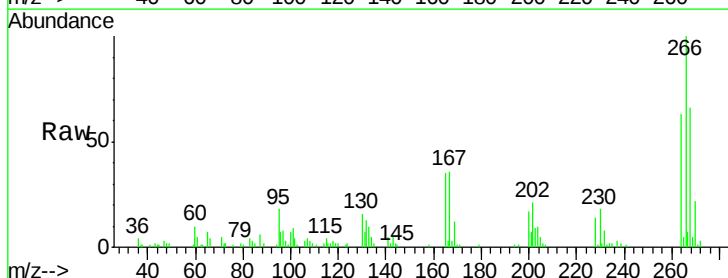


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

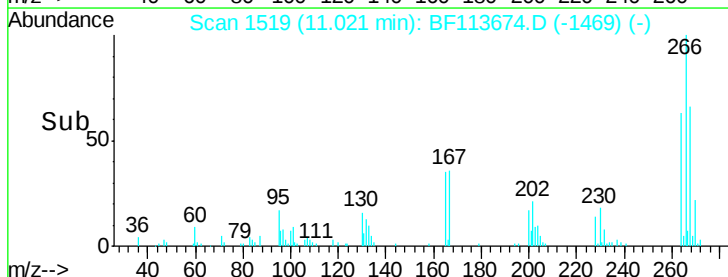
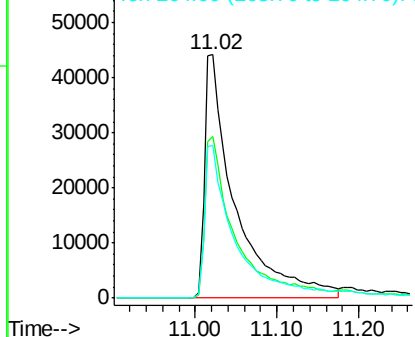


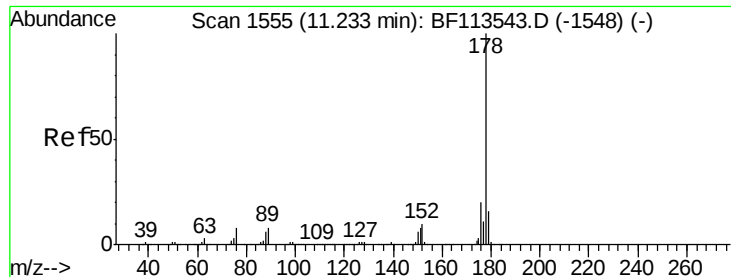
#70
 Pentachlorophenol
 Concen: 61.948 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.8	80.6
264	62.6	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

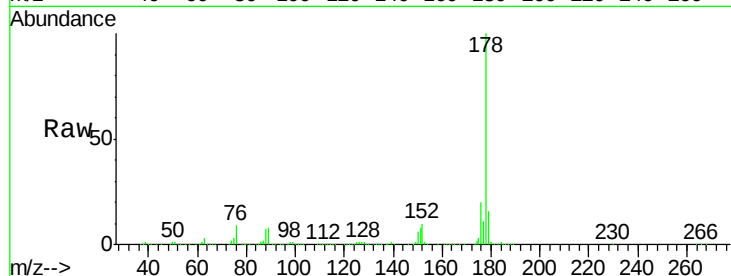




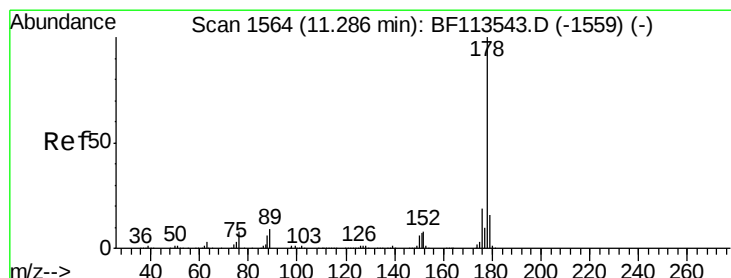
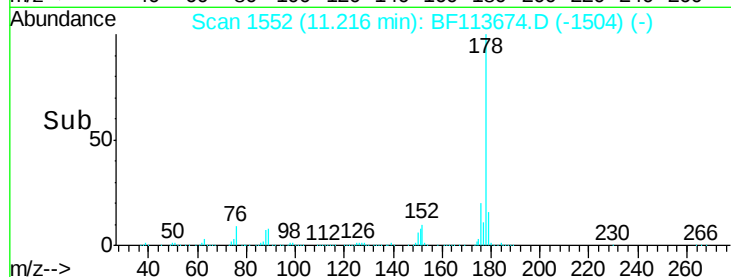
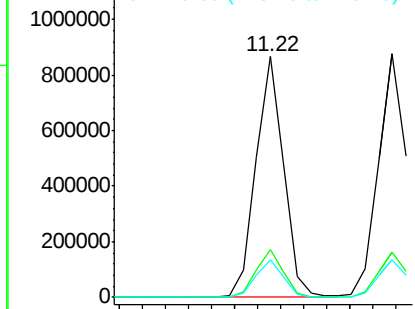
#71
Phenanthrene
Concen: 47.731 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 727835
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.6 12.7 19.1

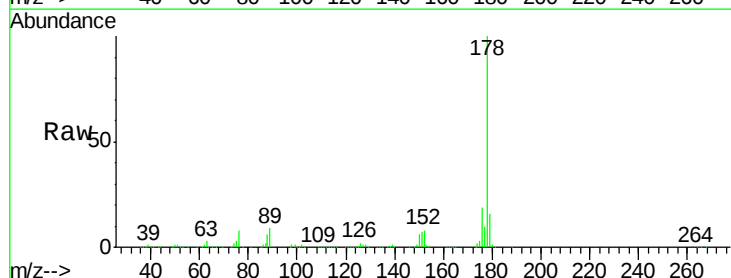


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

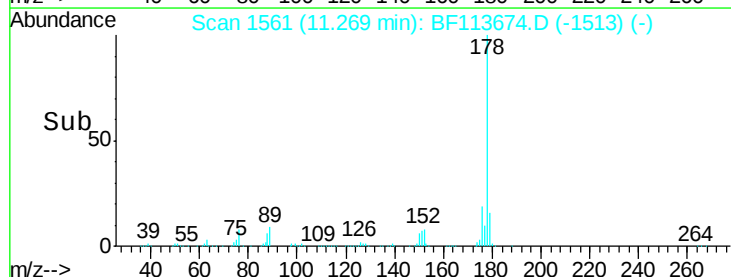
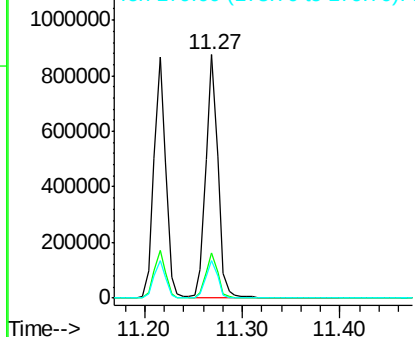


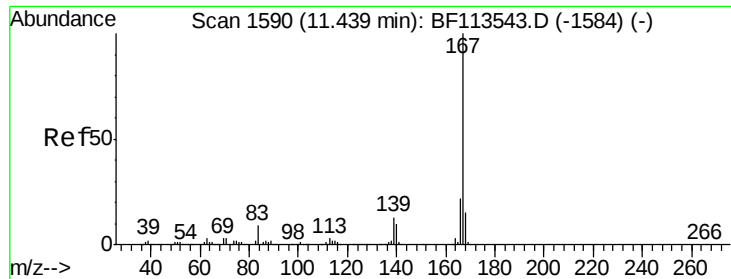
#72
Anthracene
Concen: 48.868 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:178 Resp: 758153
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 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: 47.736 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

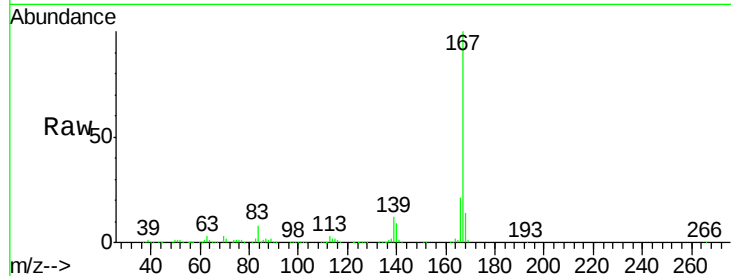
Tot Ion:167 Resp: 692657

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

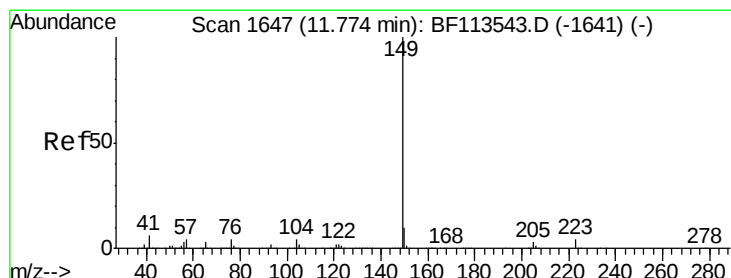
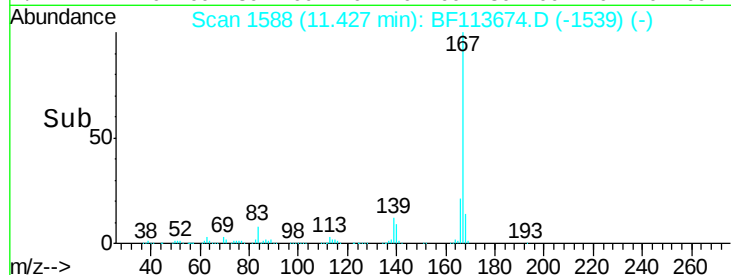
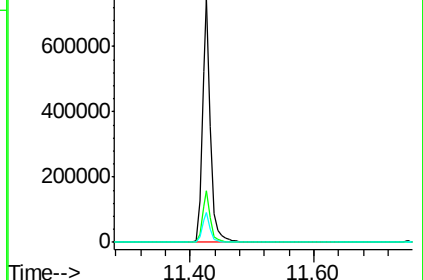
139 12.3 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.384 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

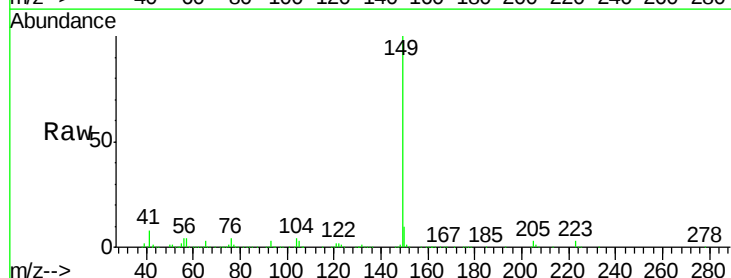
Tgt Ion:149 Resp: 869683

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

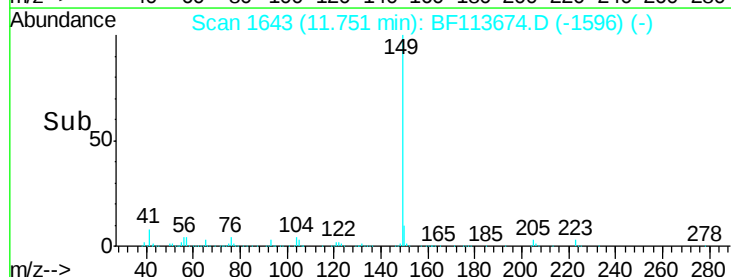
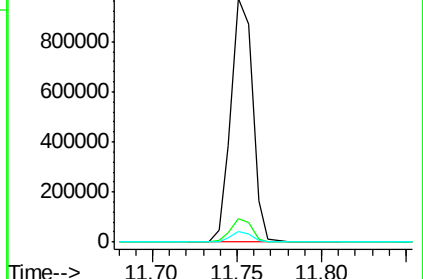
104 4.3 3.7 5.5

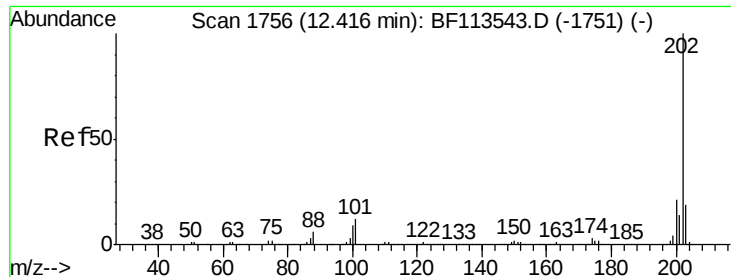


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

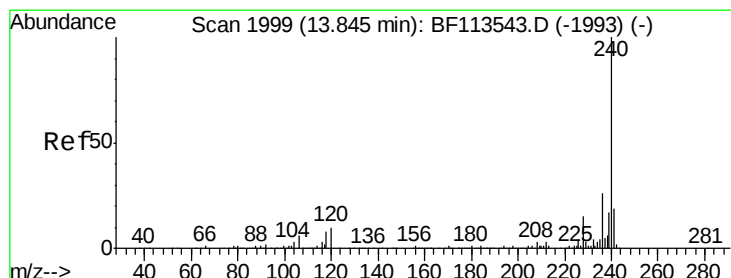
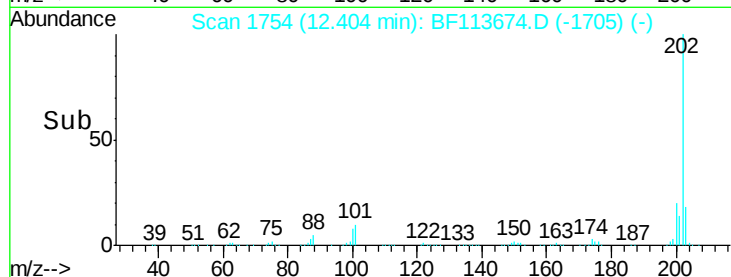
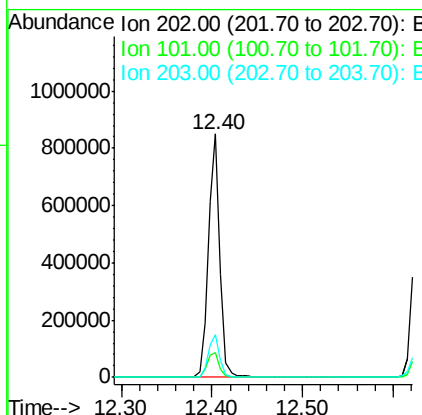
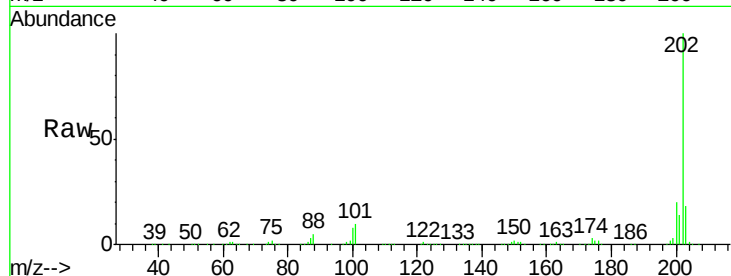




#75
 Fluoranthene
 Concen: 46.061 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

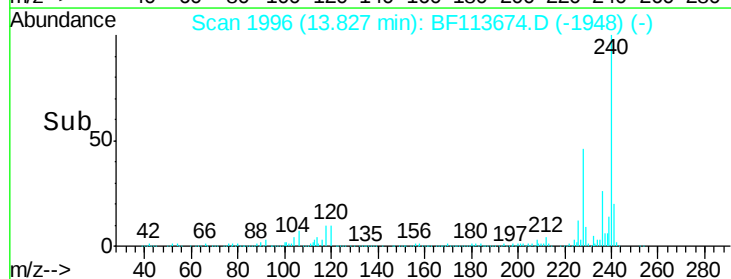
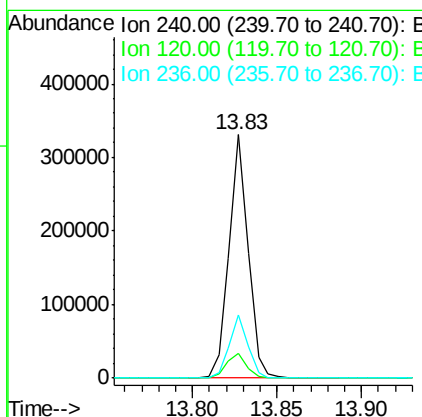
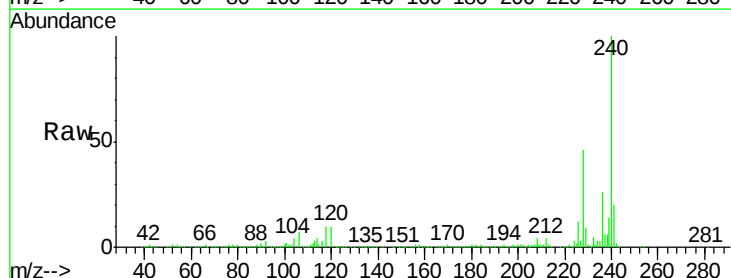
Instrument :
 BNA_F
 ClientSampled :

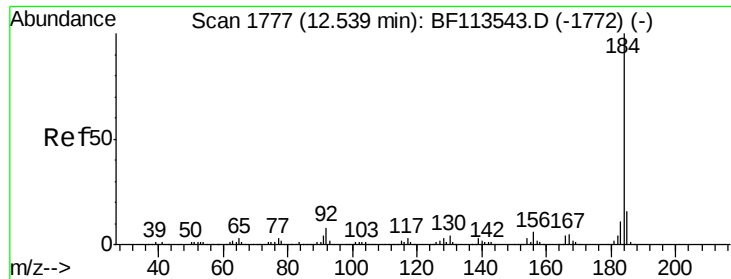
Tot Ion:202 Resp: 752639
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.4
 203 17.7 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:240 Resp: 260014
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.8 13.2
 236 25.9 20.9 31.3





#77

Benzidine

Concen: 36.892 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

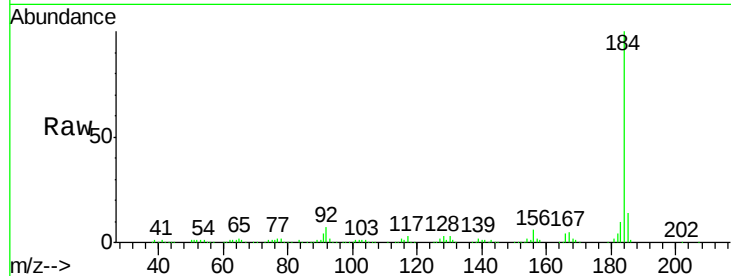
Tot Ion:184 Resp: 356707

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.6
183	10.2	9.0	13.4

184 100

185 13.9 13.0 19.6

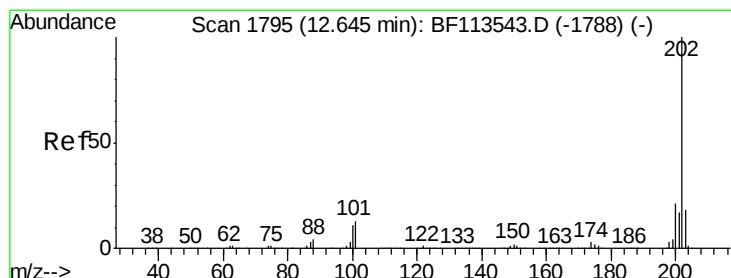
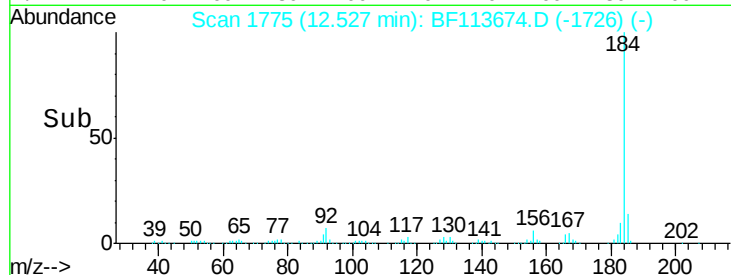
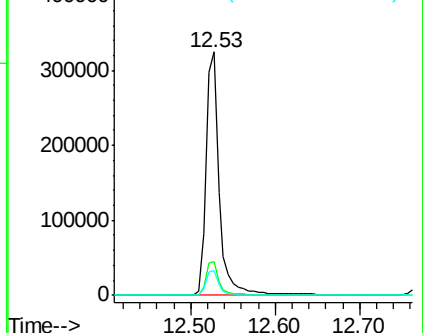
183 10.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.324 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

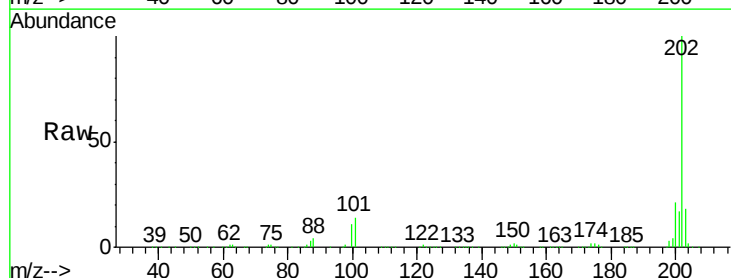
Tgt Ion:202 Resp: 758216

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.9	14.4	21.6

202 100

200 20.7 16.8 25.2

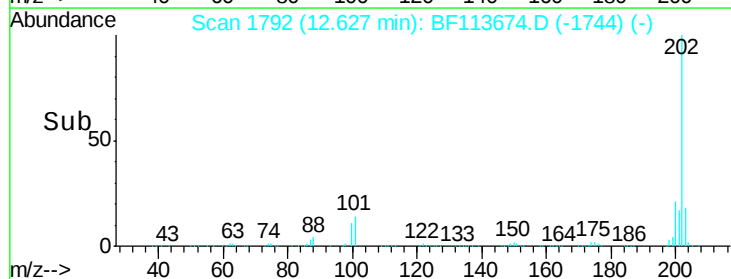
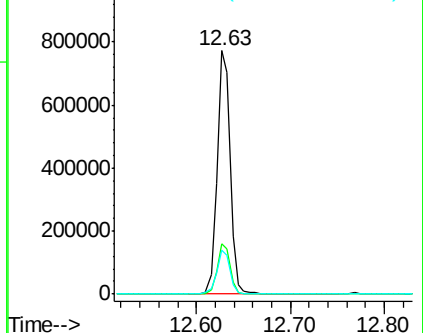
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.699 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

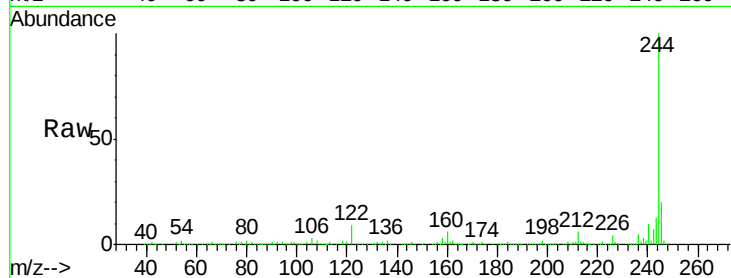
Tot Ion:244 Resp: 1043360

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

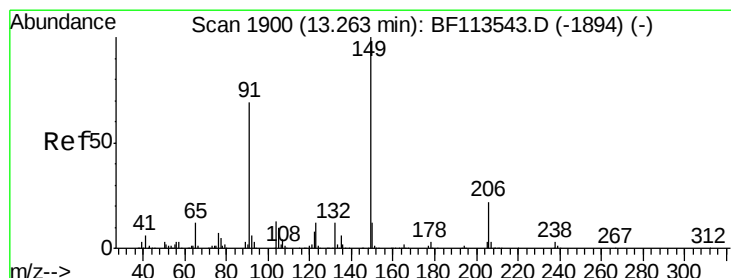
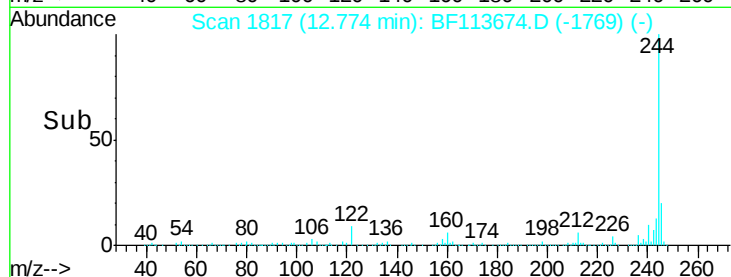
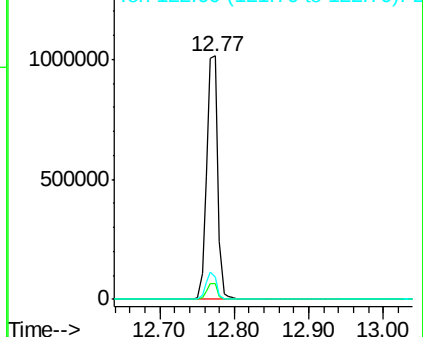
122 9.0 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.789 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

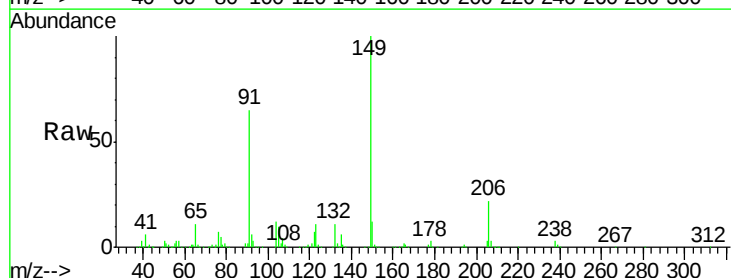
Tgt Ion:149 Resp: 328489

Ion Ratio Lower Upper

149 100

91 65.4 55.2 82.8

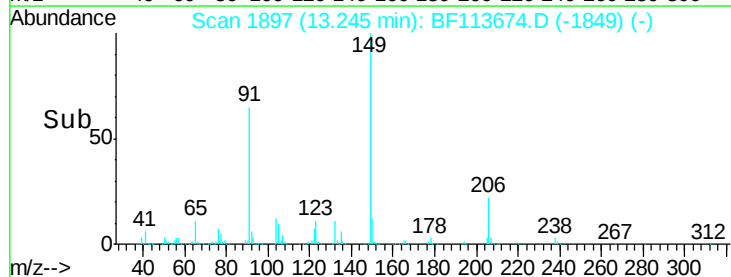
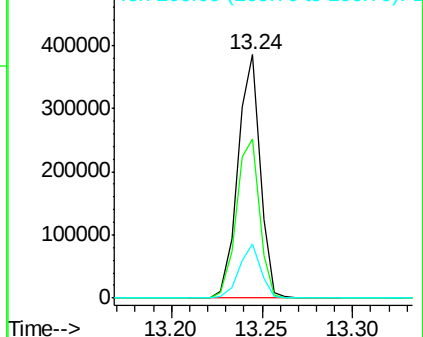
206 22.1 16.1 24.1

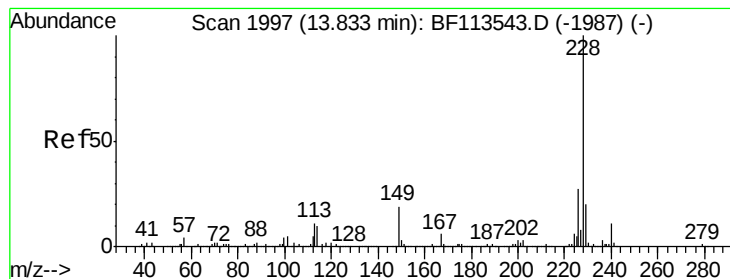


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.248 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

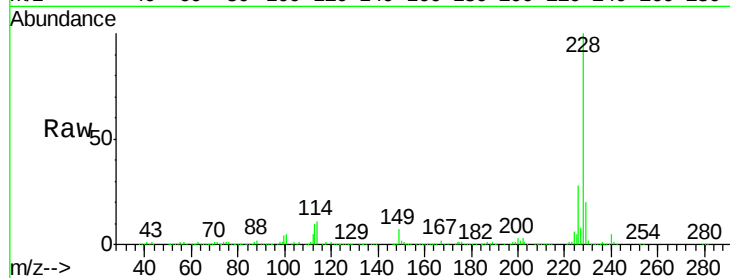
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 678677

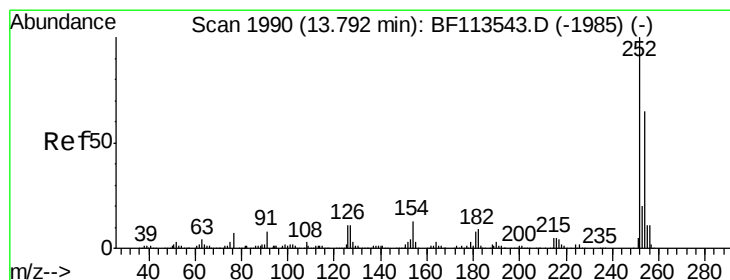
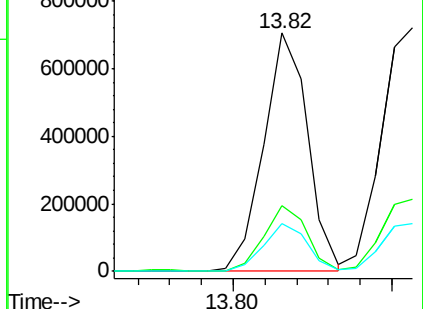
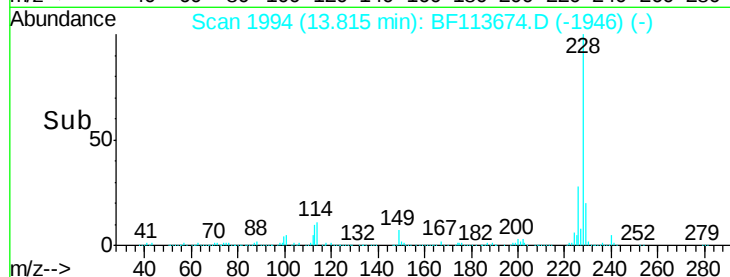
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.2	16.2	24.4



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: 38.747 ng

RT: 13.78 min Scan# 1988

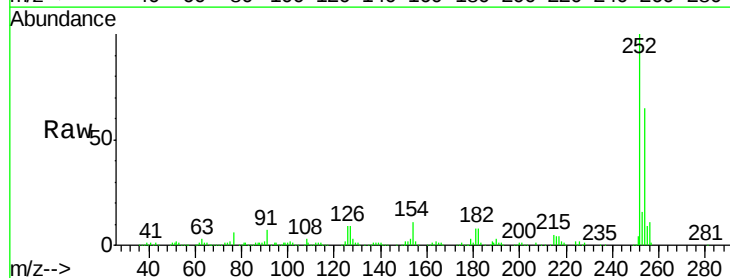
Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Tgt Ion:252 Resp: 223846

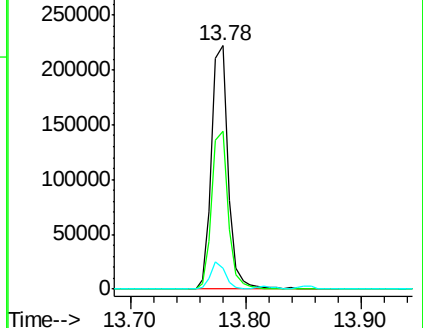
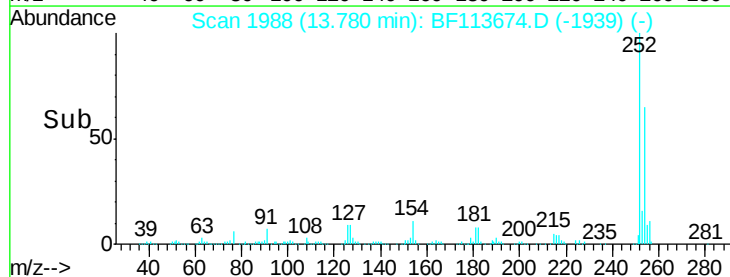
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	8.8	8.5	12.7

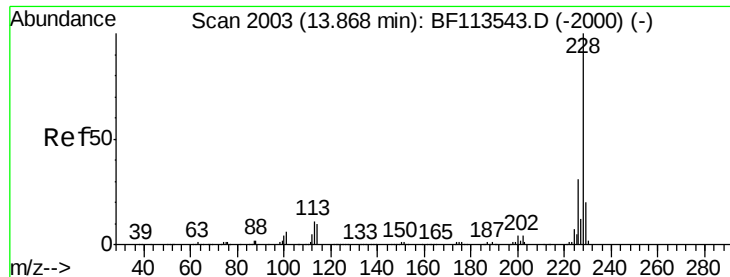


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

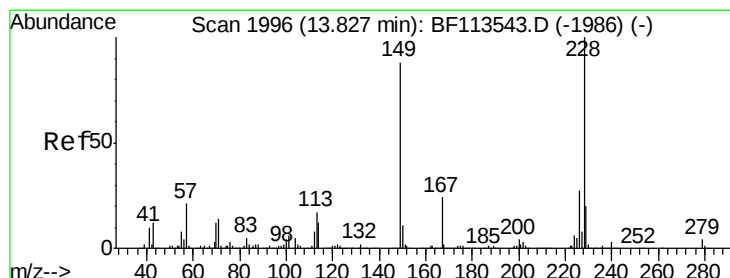
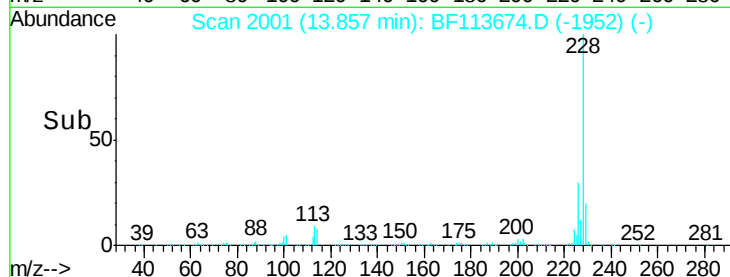
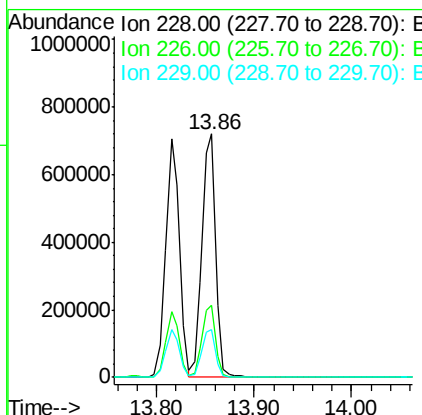
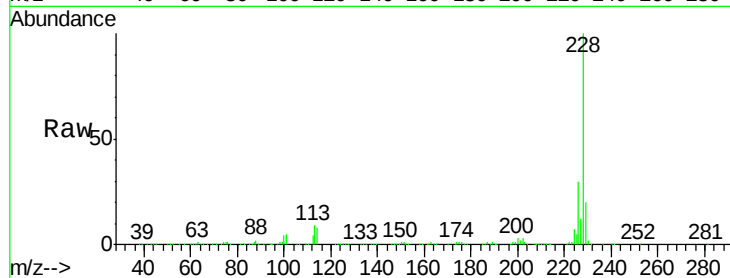




#83
 Chrvsene
 Concen: 45.949 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

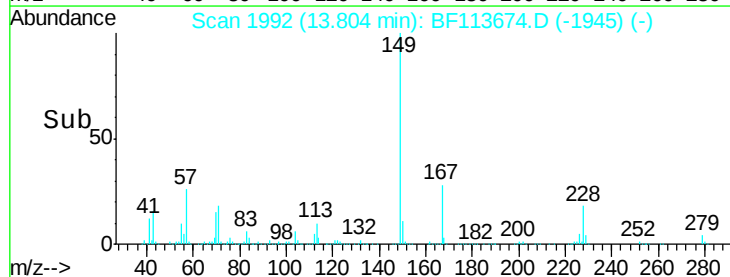
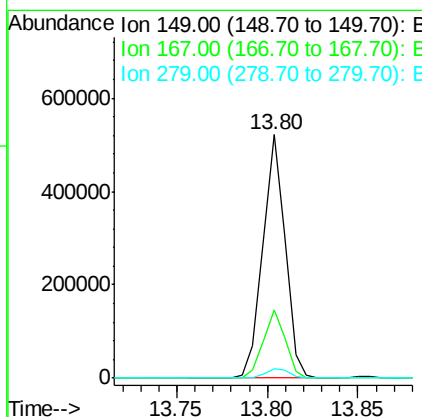
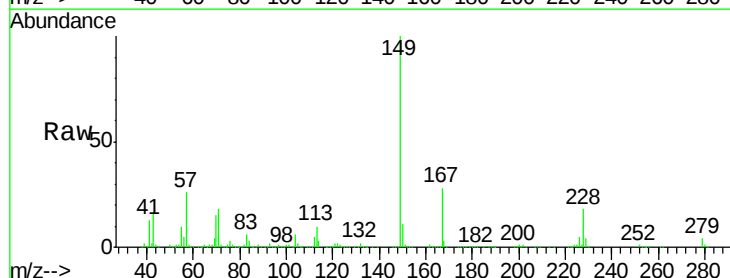
Instrument :
 BNA_F
 ClientSampled :

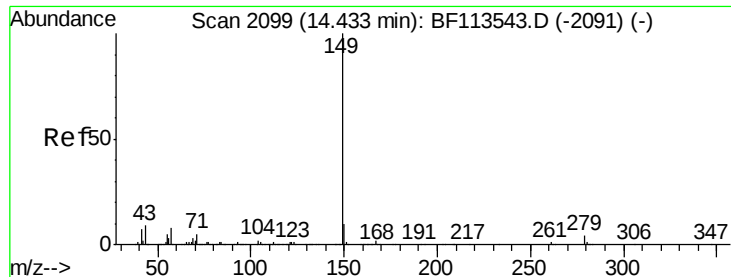
Tot Ion:228 Resp: 698639
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.3 36.5
 229 19.6 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.214 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF113674.D
 Acq: 9 Apr 2019 21:23

Tgt Ion:149 Resp: 449987
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 4.0 2.9 4.3

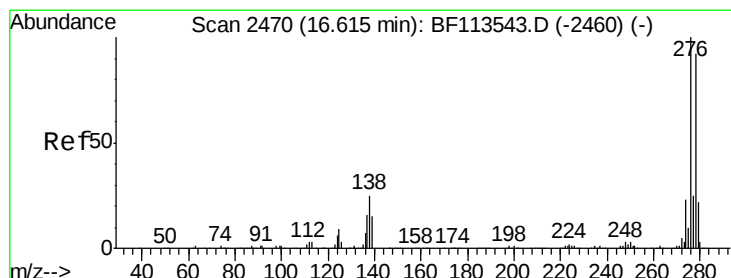
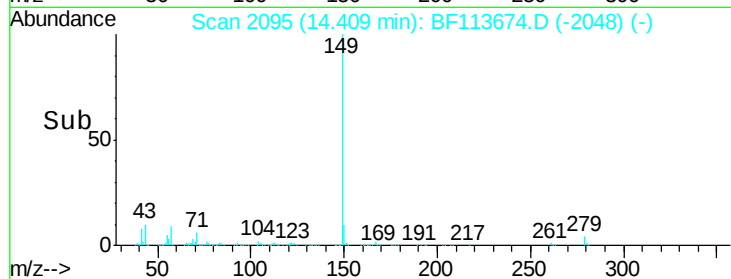
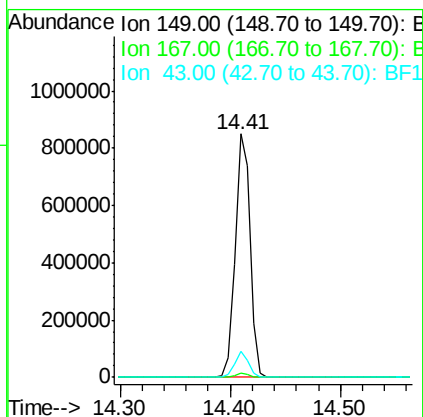
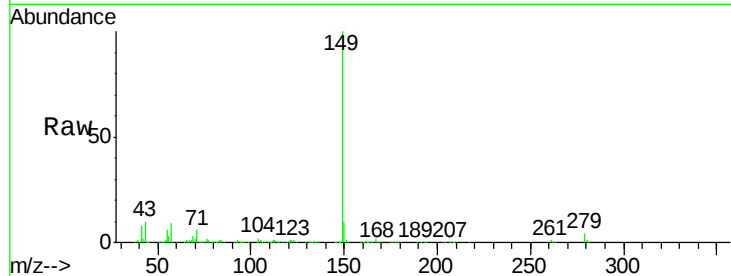




#85
Di-n-octyl phthalate
Concen: 50.881 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

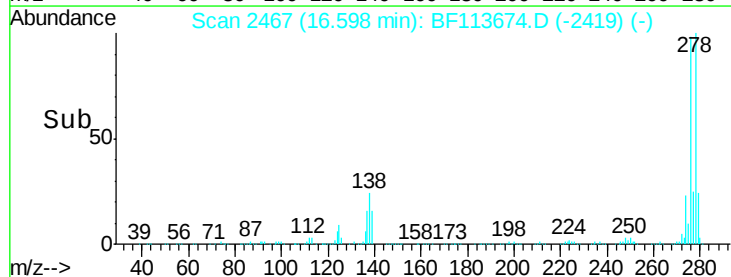
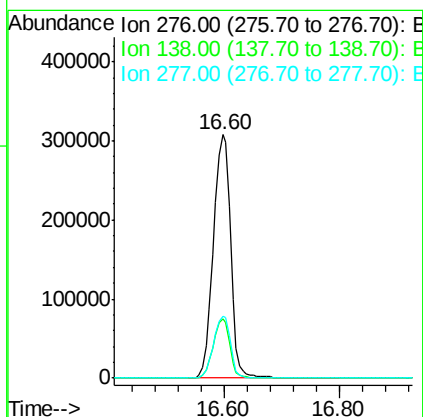
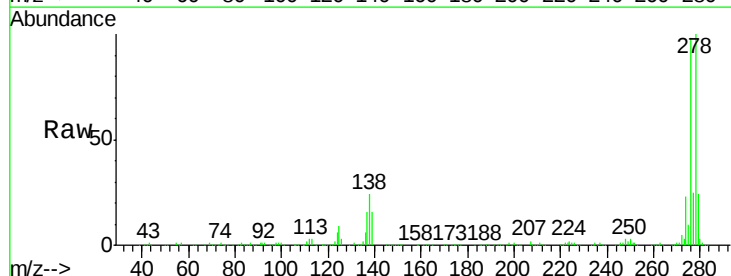
Instrument :
BNA_F
ClientSampleId :

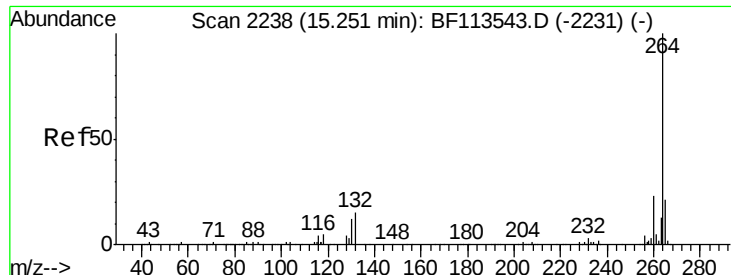
Tot Ion:149 Resp: 805314
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.807 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:276 Resp: 643052
Ion Ratio Lower Upper
276 100
138 23.5 18.1 27.1
277 25.0 20.2 30.4



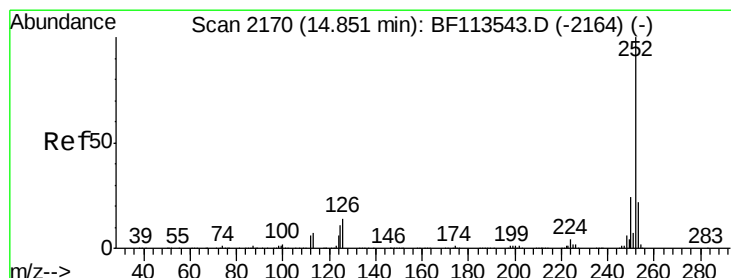
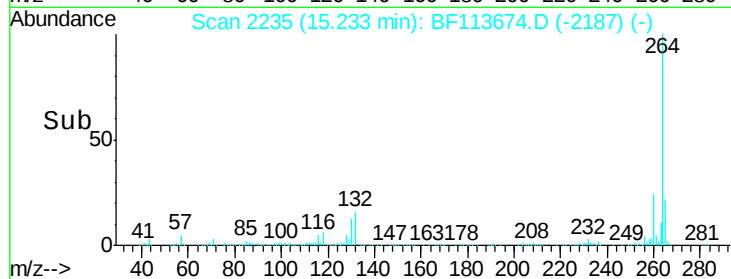
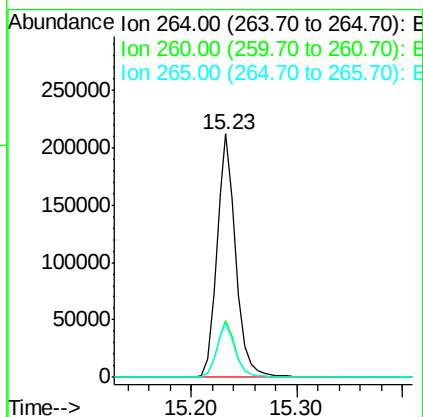
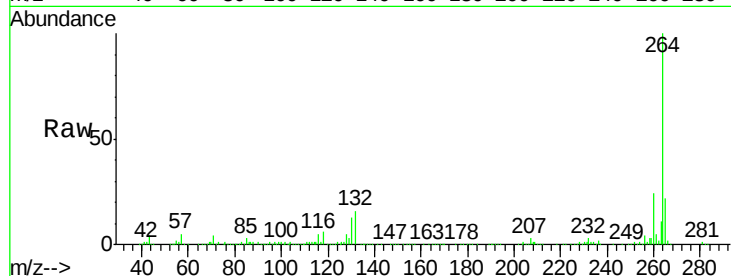


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 265098

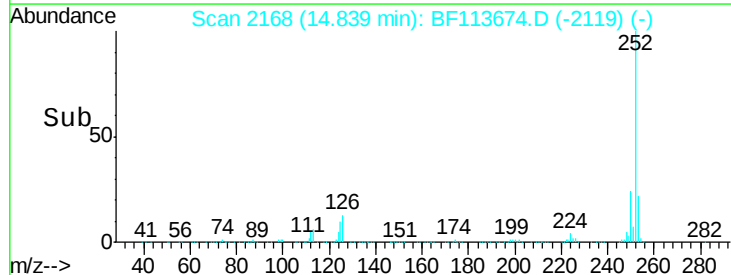
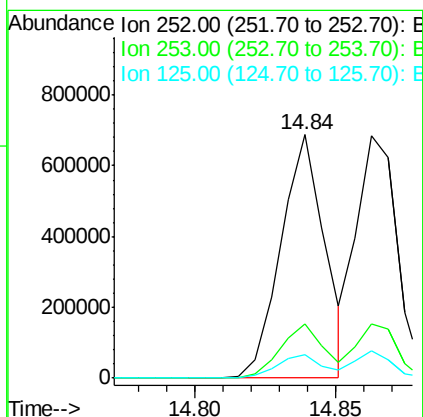
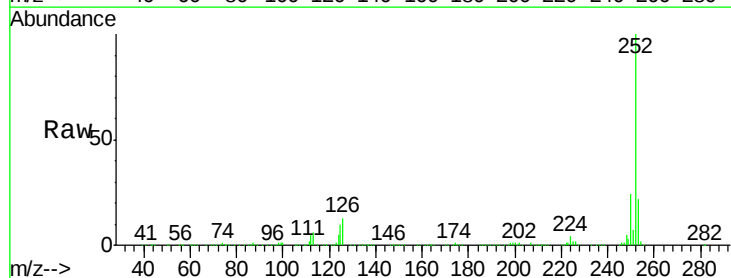
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.1	17.1	25.7

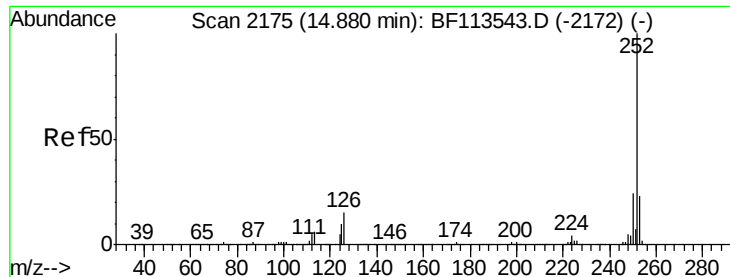


#88
Benzo(b)fluoranthene
Concen: 45.824 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:252 Resp: 743607

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.7	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 51.059 ng

RT: 14.84 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

Instrument :

BNA_F

ClientSampleId :

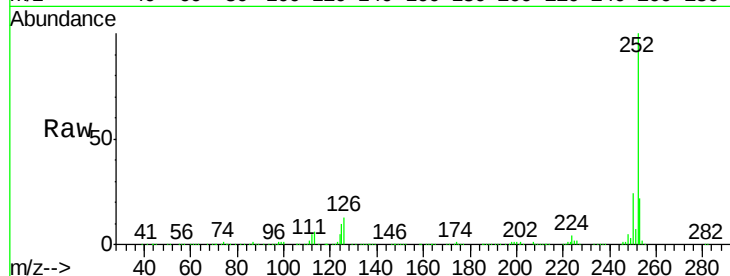
Tot Ion:252 Resp: 743607

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

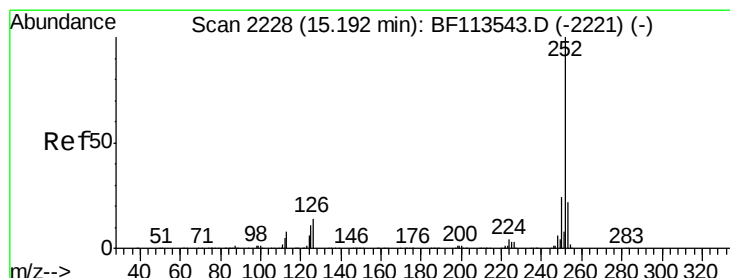
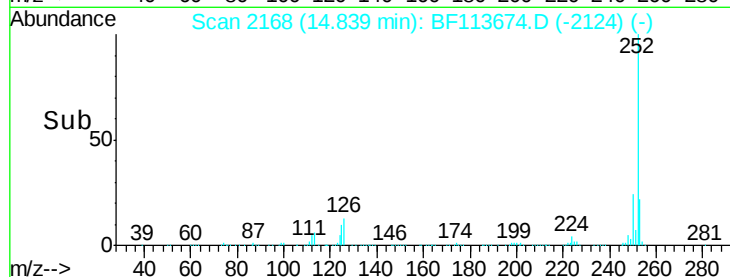
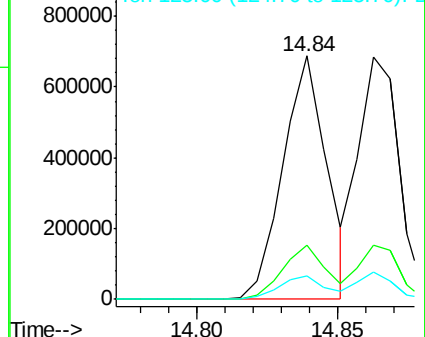
125 9.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.531 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF113674.D

Acq: 9 Apr 2019 21:23

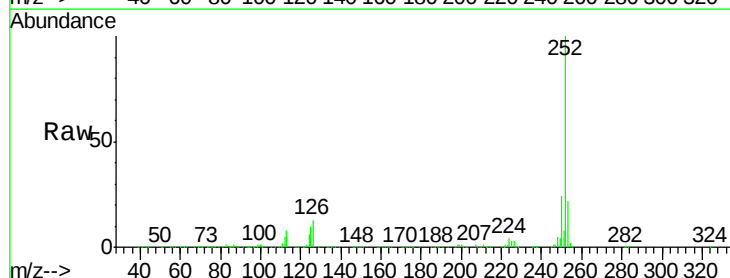
Tgt Ion:252 Resp: 685378

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

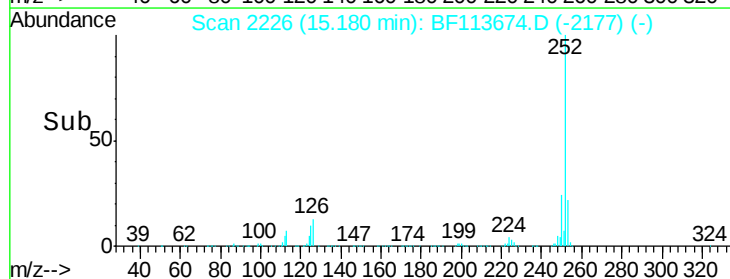
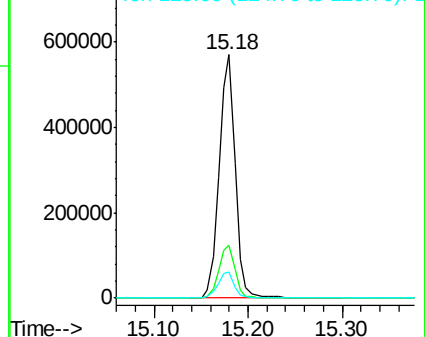
125 10.5 8.8 13.2

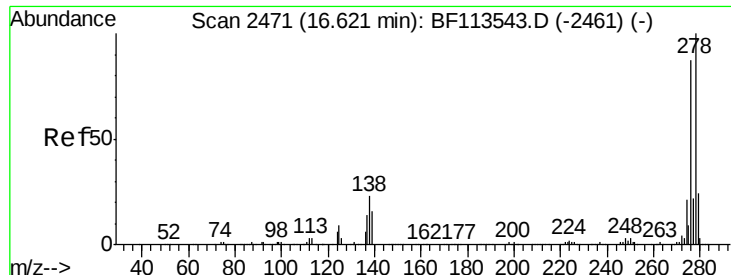


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

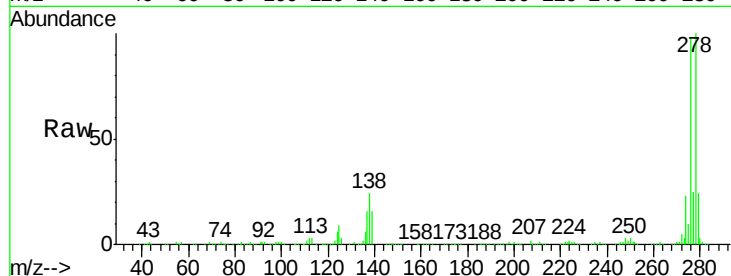




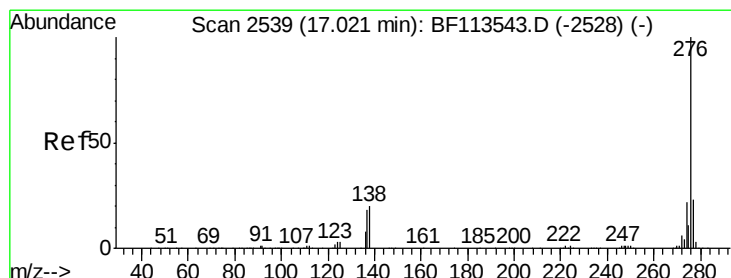
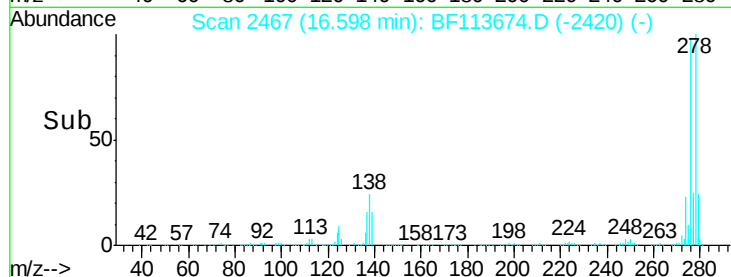
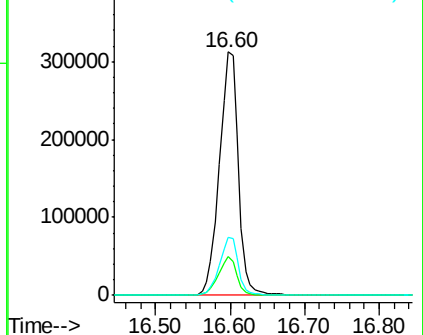
#91
Dibenzo(a,h)anthracene
Concen: 41.131 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 554632
Ion Ratio Lower Upper
278 100
139 15.9 12.0 18.0
279 24.0 19.0 28.6

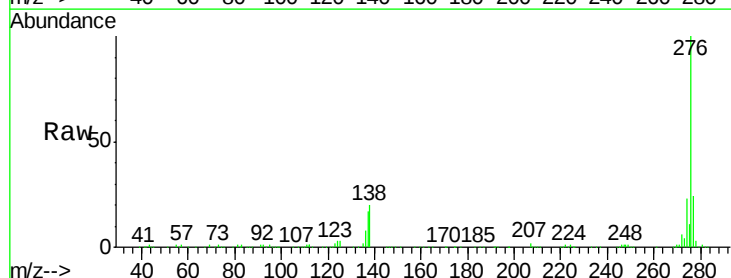


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.540 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF113674.D
Acq: 9 Apr 2019 21:23

Tgt Ion:276 Resp: 516680
Ion Ratio Lower Upper
276 100
277 24.4 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

