

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112206.D
 Acq On : 24 Jan 2019 13:56
 Operator : JU/SJ
 Sample : PB116593BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 14:27:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	244734	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1002114	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	526141	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1044949	20.00	ng	0.00
76) Chrysene-d12	14.03	240	798807	20.00	ng	0.00
87) Perylene-d12	15.49	264	549970	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1766914	131.04	ng	0.01
7) Phenol-d6	6.51	99	2237816	132.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	1331187	91.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	799104	140.79	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2668413	74.36	ng	0.00
79) Terphenyl-d14	12.97	244	3043903	81.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	195410	30.900	ng	96
3) Pyridine	3.48	79	485216	30.635	ng	97
4) n-Nitrosodimethylamine	3.42	42	255854	39.785	ng	97
6) Aniline	6.52	93	573372	27.944	ng	# 25
8) 2-Chlorophenol	6.65	128	656582	41.927	ng	99
9) Benzaldehyde	6.40	77	91153	7.033	ng	99
10) Phenol	6.52	94	742009	40.245	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	571117	38.958	ng	96
12) 1,3-Dichlorobenzene	6.80	146	671087	37.551	ng	99
13) 1,4-Dichlorobenzene	6.87	146	691242	37.813	ng	98
14) 1,2-Dichlorobenzene	7.03	146	655031	38.900	ng	98
15) Benzyl Alcohol	7.00	79	543983	43.280	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	717297	33.930	ng	72
17) 2-Methylphenol	7.12	107	517146	43.973	ng	# 90
18) Hexachloroethane	7.36	117	247269	40.527	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	434286	42.257	ng	97
20) 3+4-Methylphenols	7.27	107	660921	46.350	ng	# 82
22) Acetophenone	7.26	105	875576	37.714	ng	97
24) Nitrobenzene	7.43	77	658858	42.860	ng	99
25) Isophorone	7.67	82	1180568	42.139	ng	99
26) 2-Nitrophenol	7.75	139	370821	47.088	ng	95
27) 2,4-Dimethylphenol	7.80	122	576462	44.327	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	747735	38.908	ng	99
29) 2,4-Dichlorophenol	8.00	162	585315	41.201	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	617510	37.455	ng	98
31) Naphthalene	8.16	128	1879379	41.233	ng	99
32) Benzoic acid	7.95	122	355712	55.526	ng	98
33) 4-Chloroaniline	8.20	127	545599	26.635	ng	98
34) Hexachlorobutadiene	8.27	225	340513	37.114	ng	99
35) Caprolactam	8.59	113	120017	24.138	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	616341	44.420	ng	96
37) 2-Methylnaphthalene	8.85	142	1346567	43.507	ng	97
38) 1-Methylnaphthalene	8.95	142	1266432	42.576	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	609979	36.104	ng	99

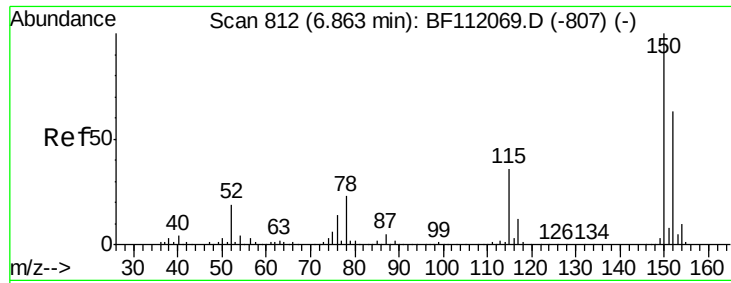
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112206.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	451822	68.216	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	416454	41.204	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	443500	41.200	ng	98
46) 1,1'-Biphenyl	9.32	154	1617791	36.773	ng	98
47) 2-Chloronaphthalene	9.34	162	1276924	37.080	ng	96
48) 2-Nitroaniline	9.44	65	376908	48.591	ng	96
49) Acenaphthylene	9.76	152	2026120	40.318	ng	100
50) Dimethylphthalate	9.62	163	1579058	41.153	ng	99
51) 2,6-Dinitrotoluene	9.68	165	362255	47.275	ng	97
52) Acenaphthene	9.93	154	1164848	37.884	ng	99
53) 3-Nitroaniline	9.85	138	273301	31.894	ng	99
54) 2,4-Dinitrophenol	9.97	184	303455	102.753	ng	93
55) Dibenzofuran	10.10	168	1771453	38.097	ng	96
56) 4-Nitrophenol	10.03	139	478535	78.268	ng	94
57) 2,4-Dinitrotoluene	10.09	165	477522	48.494	ng	# 88
58) Fluorene	10.45	166	1440234	41.456	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	366109	45.071	ng	95
60) Diethylphthalate	10.32	149	1543310	41.205	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	695361	37.092	ng	97
62) 4-Nitroaniline	10.47	138	382239	44.923	ng	97
63) Azobenzene	10.59	77	1355568	37.793	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	221338	50.202	ng	100
66) n-Nitrosodiphenylamine	10.55	169	1299606	37.621	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	444739	36.642	ng	98
68) Hexachlorobenzene	11.00	284	484381	37.047	ng	98
69) Atrazine	11.08	200	412775	37.029	ng	96
70) Pentachlorophenol	11.20	266	432790	69.697	ng	99
71) Phenanthrene	11.41	178	2092949	39.799	ng	100
72) Anthracene	11.46	178	2144692	40.260	ng	99
73) Carbazole	11.62	167	1971053	36.935	ng	99
74) Di-n-butylphthalate	11.93	149	2351480	39.173	ng	99
75) Fluoranthene	12.60	202	2203312	39.682	ng	99
77) Benzidine	12.71	184	636284	23.874	ng	96
78) Pyrene	12.83	202	2192583	41.603	ng	99
80) Butylbenzylphthalate	13.43	149	1012496	43.792	ng	94
81) Benzo(a)anthracene	14.02	228	1875587	40.951	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	524988	30.607	ng	97
83) Chrysene	14.06	228	1746388	40.297	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1351374	40.783	ng	98
85) Di-n-octyl phthalate	14.60	149	2058976	40.329	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1318981	32.988	ng	98
88) Benzo(b)fluoranthene	15.07	252	1520167	48.694	ng	99
89) Benzo(k)fluoranthene	15.10	252	1485581	49.166	ng	99
90) Benzo(a)pyrene	15.44	252	1374376	48.005	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1092746	42.974	ng	98
92) Benzo(g,h,i)perylene	17.43	276	1090563	43.534	ng	99

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

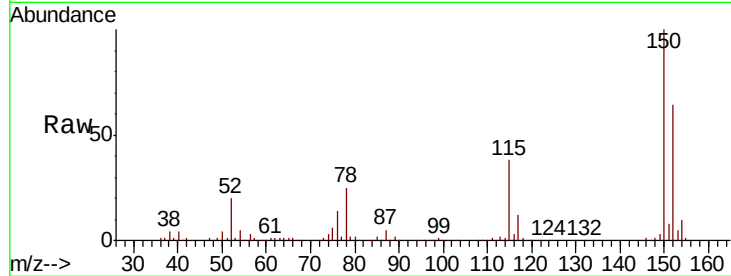


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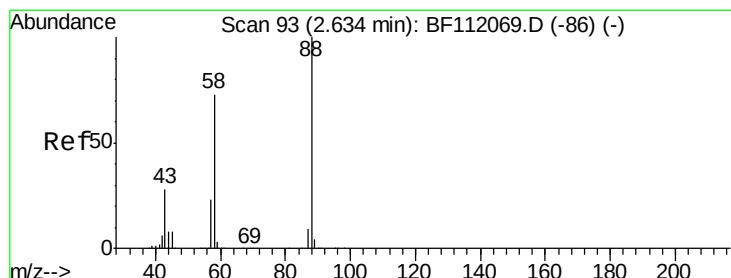
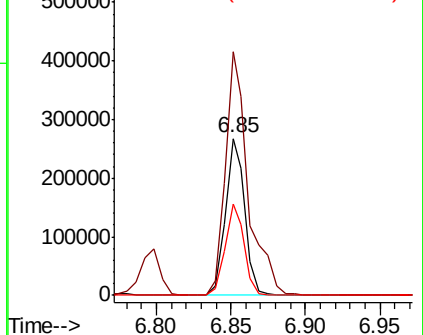
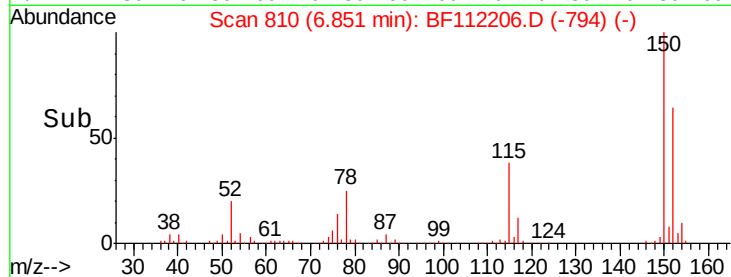
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 244734
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 58.6 45.5 68.3



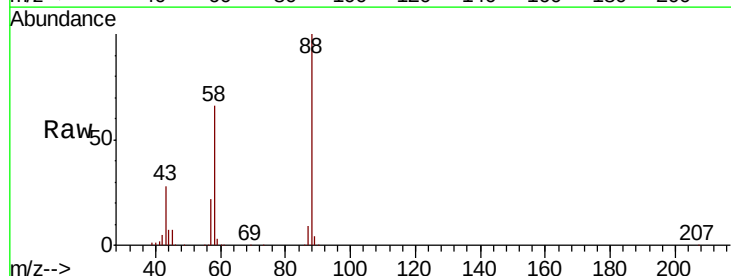
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



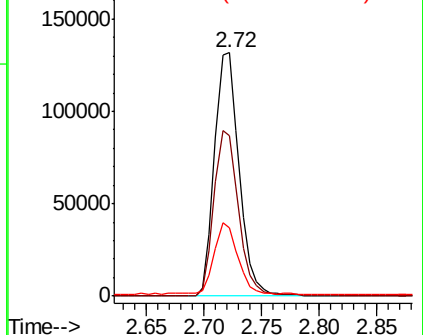
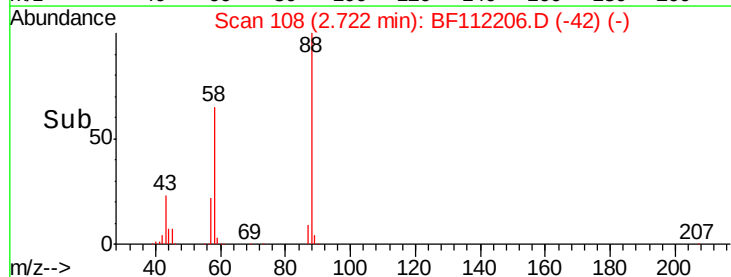
#2

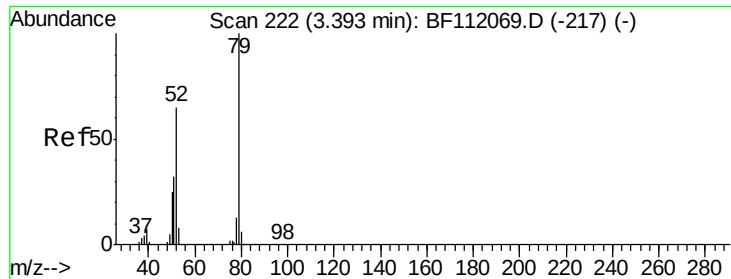
1,4-Dioxane
Concen: 30.900 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.09 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion: 88 Resp: 195410
Ion Ratio Lower Upper
88 100
58 68.0 57.4 86.2
43 29.3 22.2 33.4



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: 30.635 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

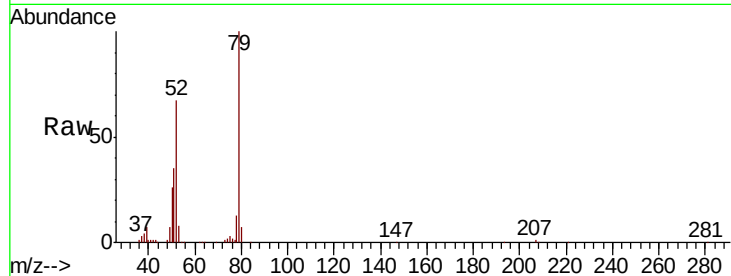
Tot Ion: 79 Resp: 485216

Ion Ratio Lower Upper

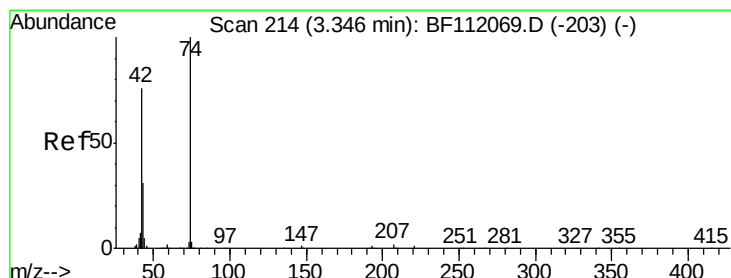
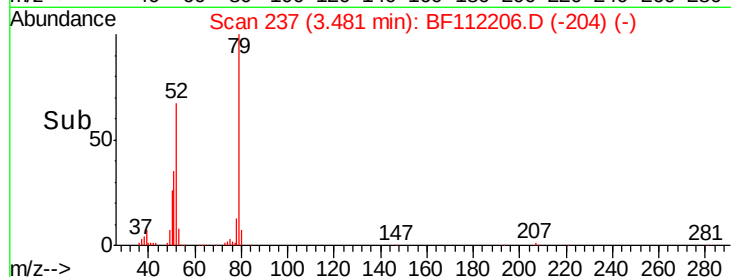
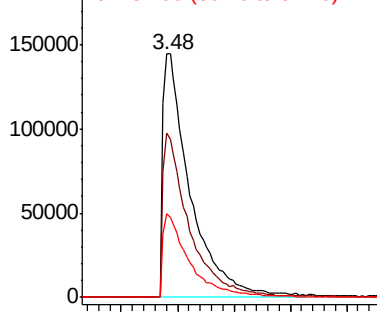
79 100

52 67.3 52.4 78.6

51 34.6 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 39.785 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

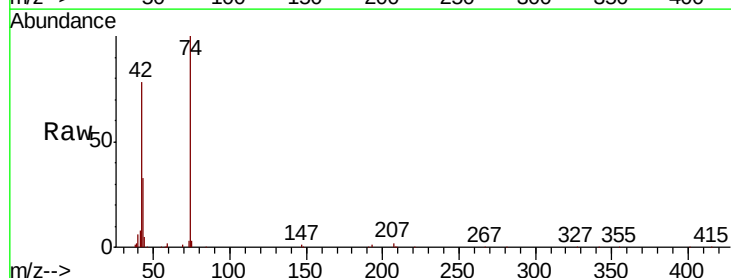
Tgt Ion: 42 Resp: 255854

Ion Ratio Lower Upper

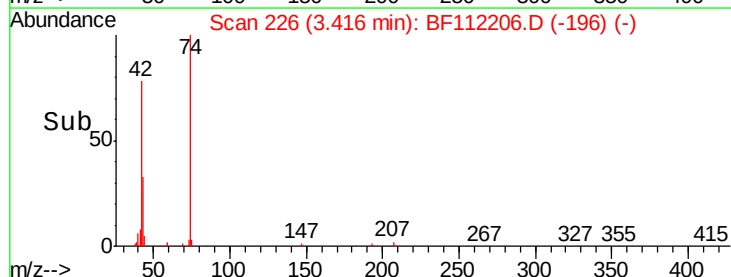
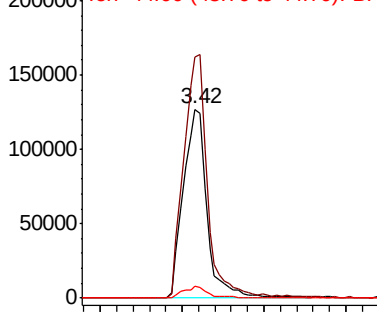
42 100

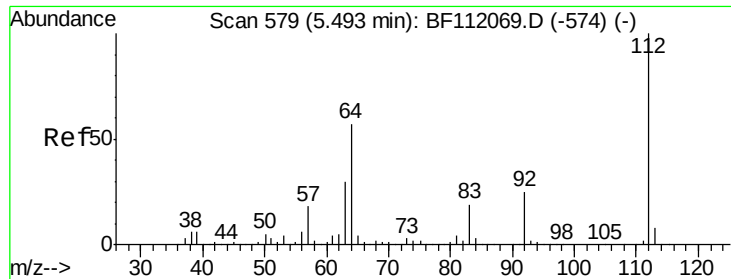
74 128.1 105.6 158.4

44 6.6 5.4 8.2



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





#5

2-Fluorophenol

Concen: 131.041 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

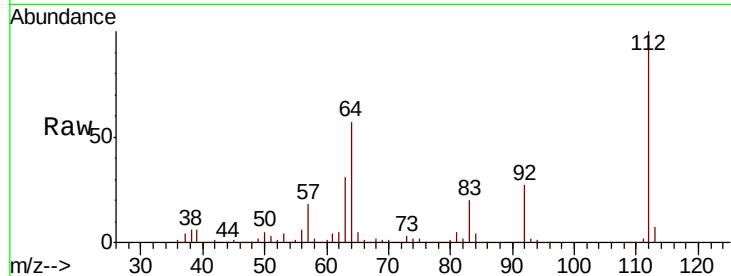
Tot Ion:112 Resp: 1766914

Ion Ratio Lower Upper

112 100

64 56.9 45.7 68.5

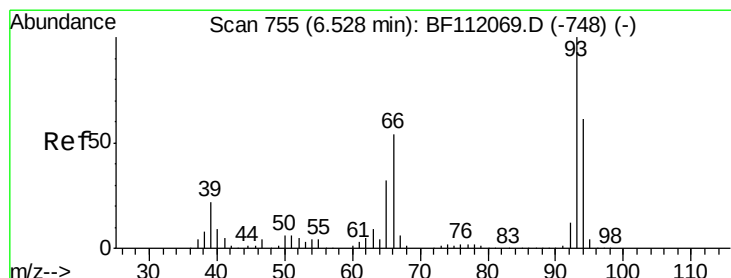
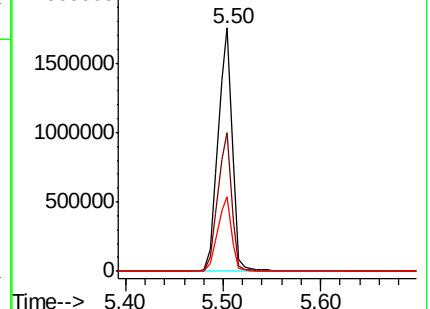
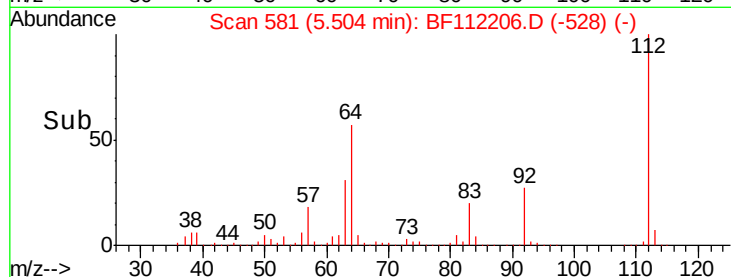
63 30.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.944 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

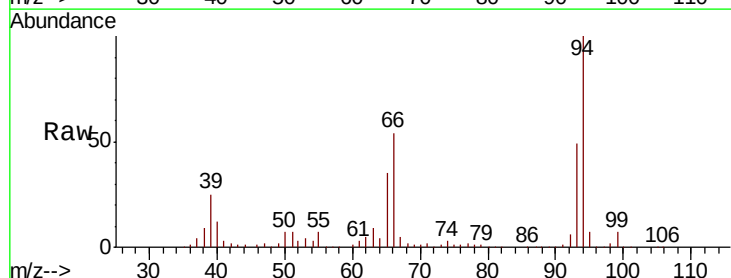
Tgt Ion: 93 Resp: 573372

Ion Ratio Lower Upper

93 100

66 109.8 43.4 65.2#

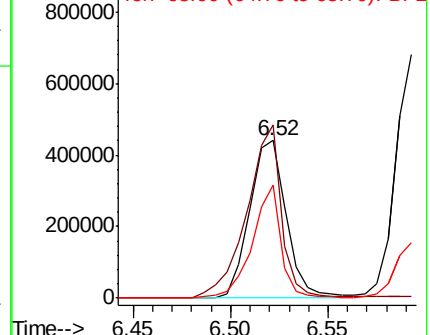
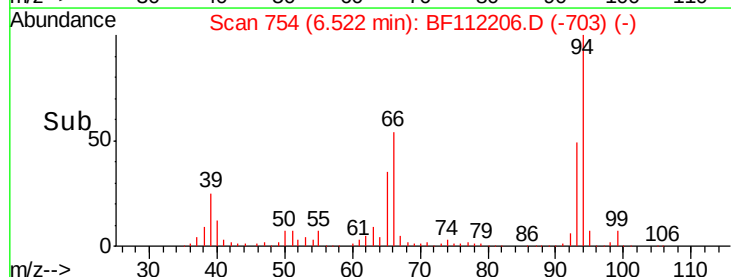
65 71.6 25.3 37.9#

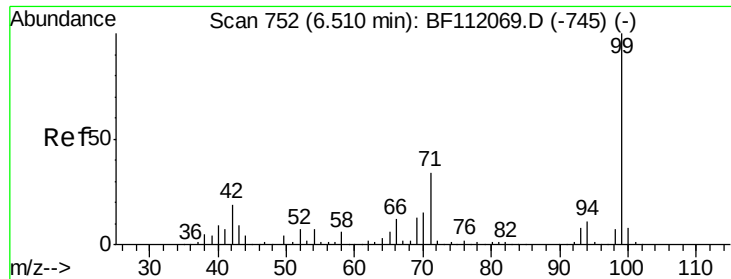


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.649 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

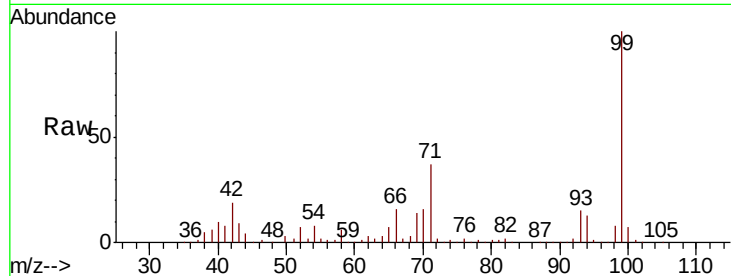
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2237816

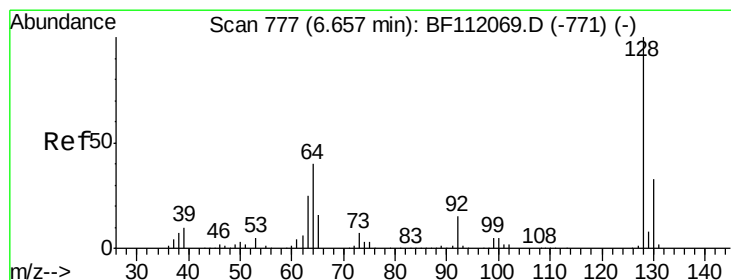
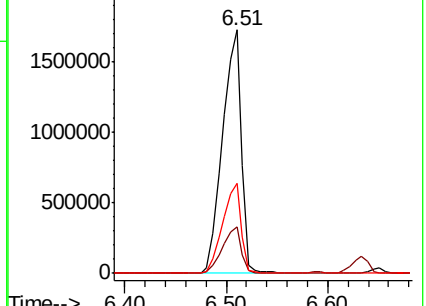
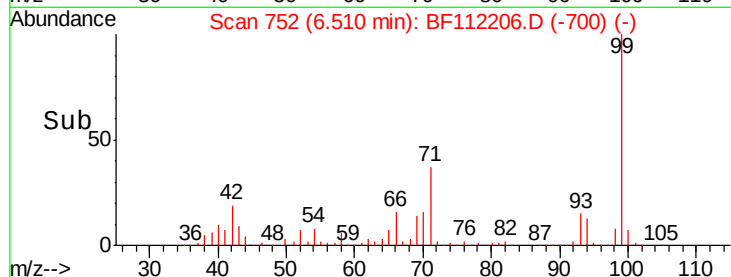
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.0	26.9	40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.927 ng

RT: 6.65 min Scan# 776

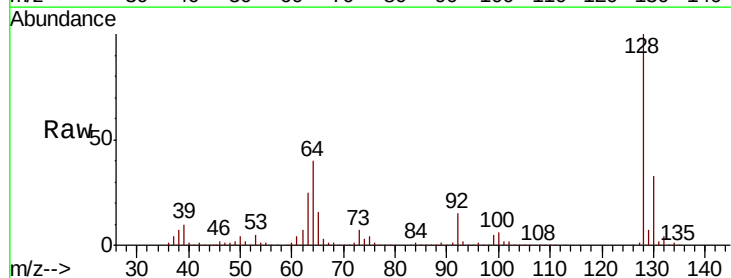
Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Tgt Ion:128 Resp: 656582

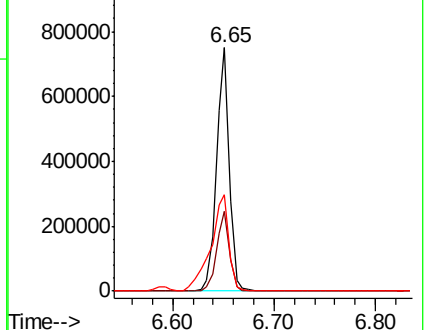
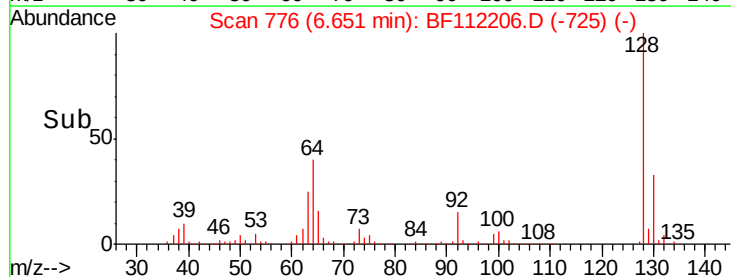
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.4	53.4
64	39.9	20.5	60.5

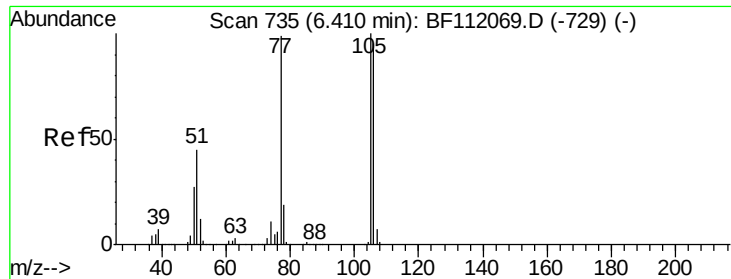


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.033 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

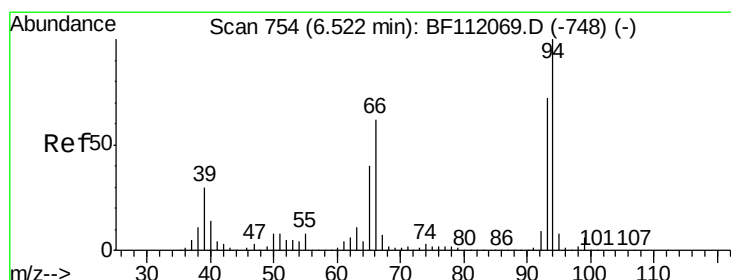
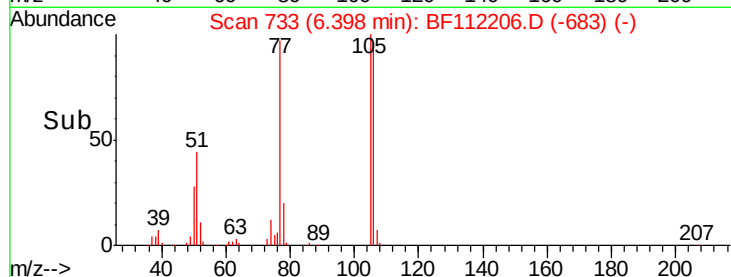
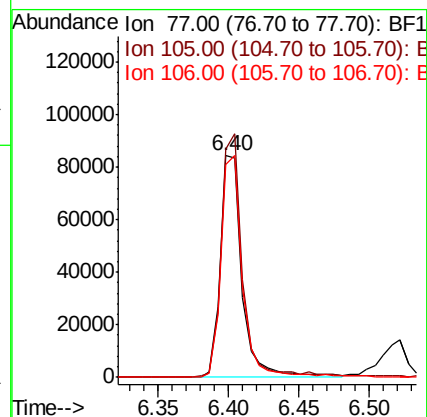
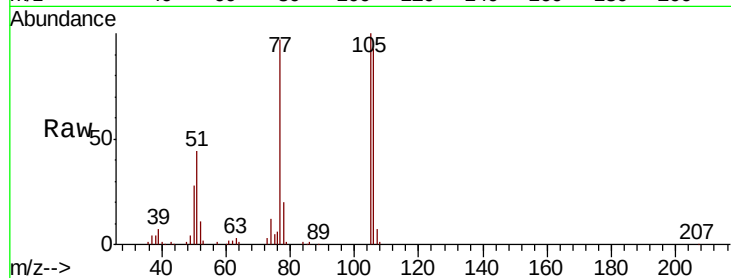
Tot Ion: 77 Resp: 91153

Ion Ratio Lower Upper

77 100

105 103.3 80.8 120.8

106 96.1 75.7 115.7



#10

Phenol

Concen: 40.245 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

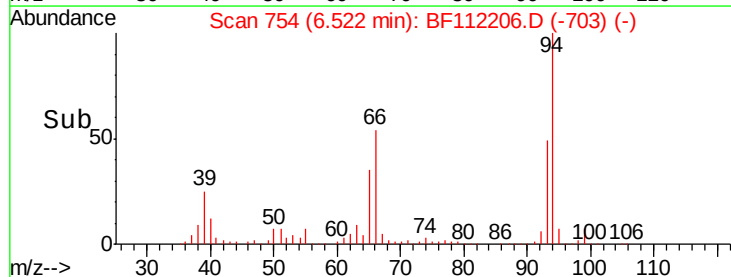
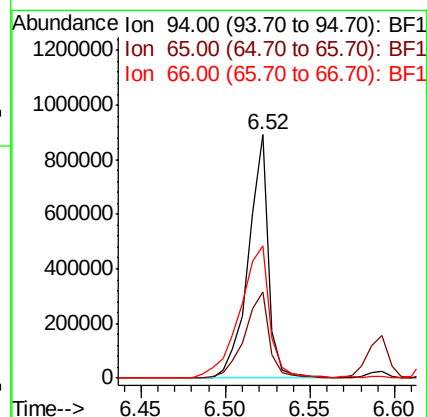
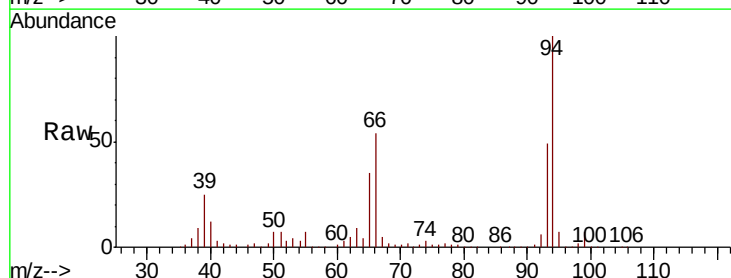
Tgt Ion: 94 Resp: 742009

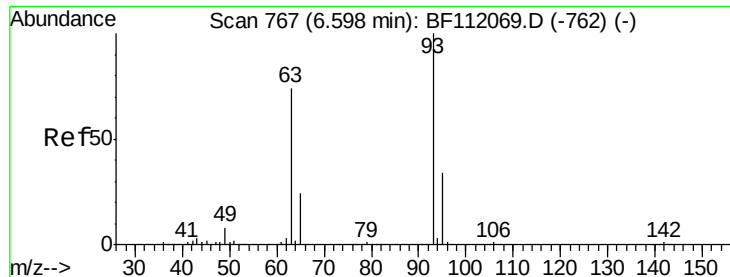
Ion Ratio Lower Upper

94 100

65 35.4 20.3 60.3

66 54.3 42.4 82.4

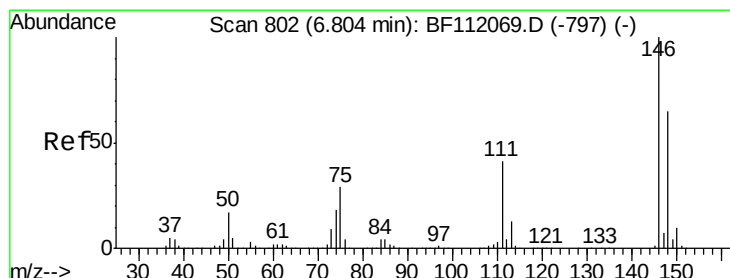
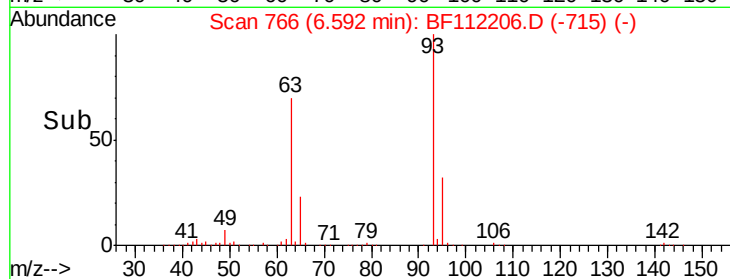
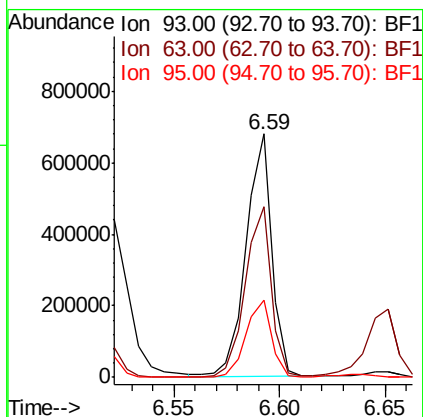
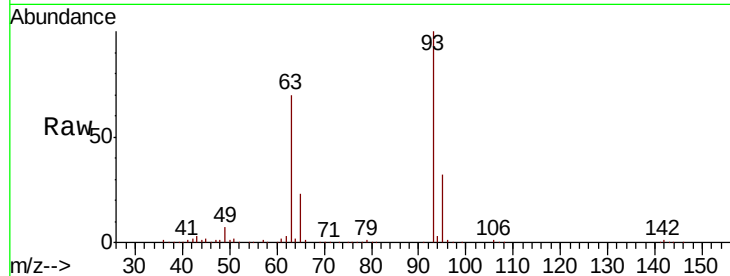




#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

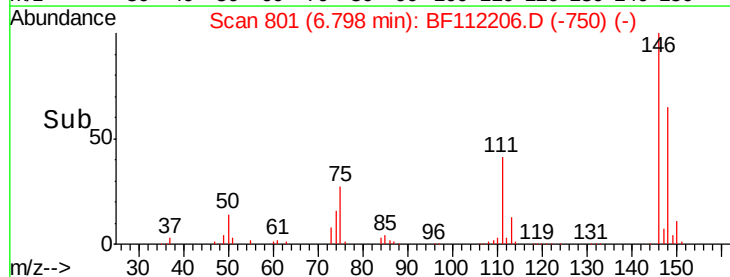
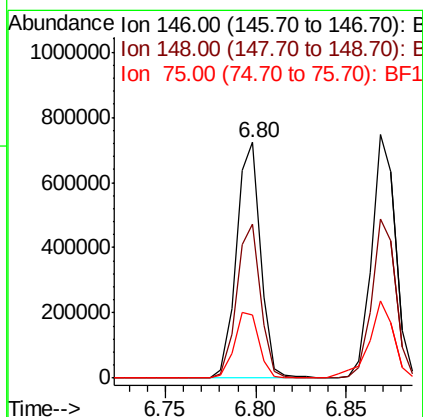
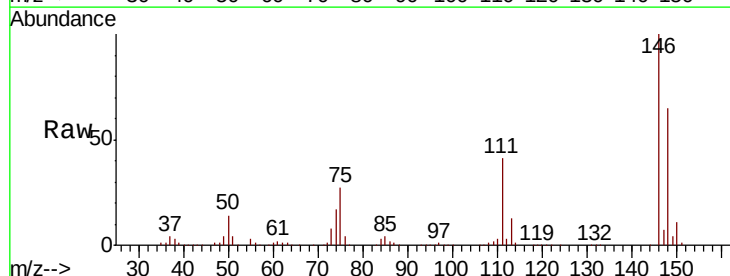
Instrument :
BNA_F
ClientSampleId :

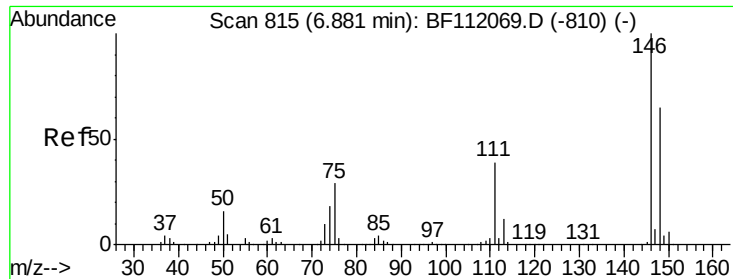
Tot Ion: 93 Resp: 571117
Ion Ratio Lower Upper
93 100
63 69.9 53.3 93.3
95 31.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 37.551 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion: 146 Resp: 671087
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 27.1 23.1 34.7

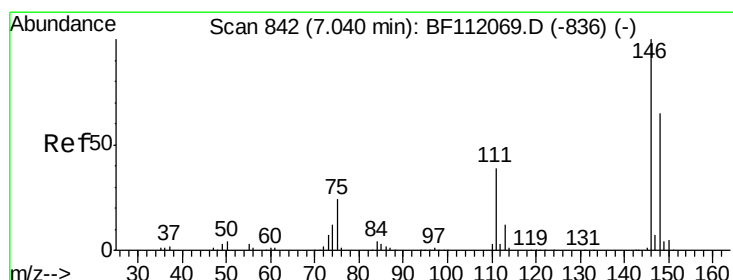
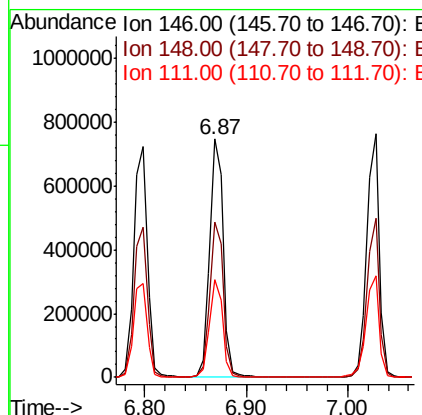
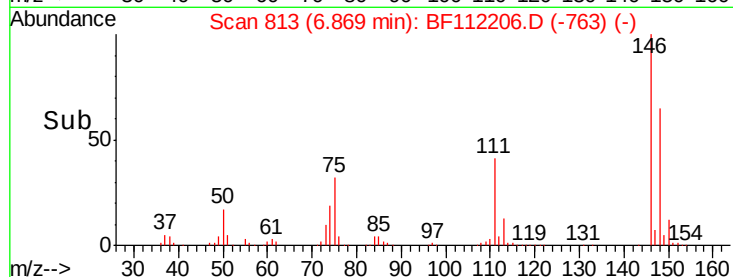
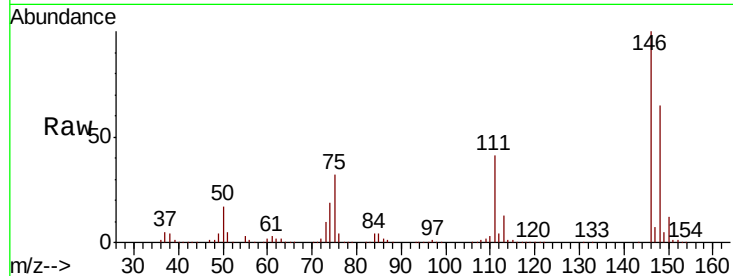




#13
 1,4-Dichlorobenzene
 Concen: 37.813 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

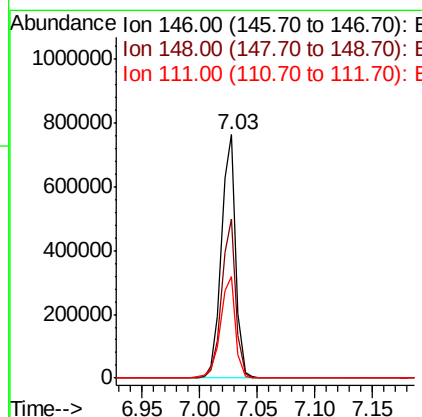
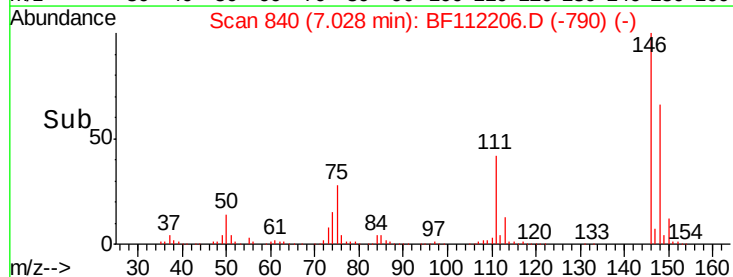
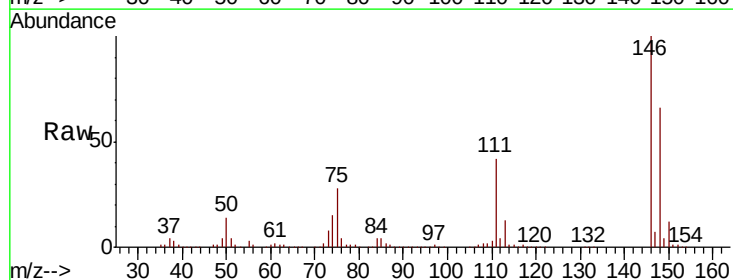
Instrument :
 BNA_F
 ClientSampleId :

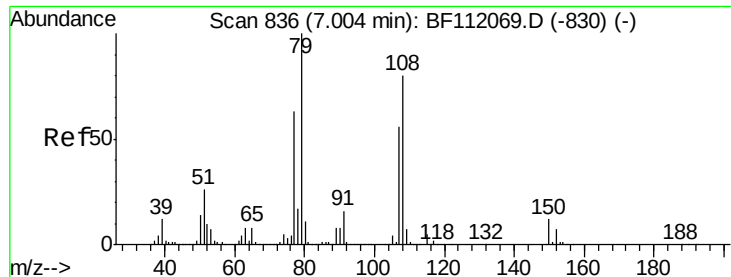
Tot Ion:146 Resp: 691242
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.0 78.0
 111 41.3 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 38.900 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Tgt Ion:146 Resp: 655031
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.4
 111 41.6 31.2 46.8





#15

Benzyl Alcohol

Concen: 43.280 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampled :

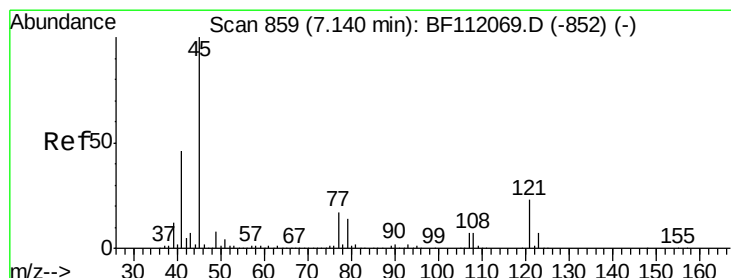
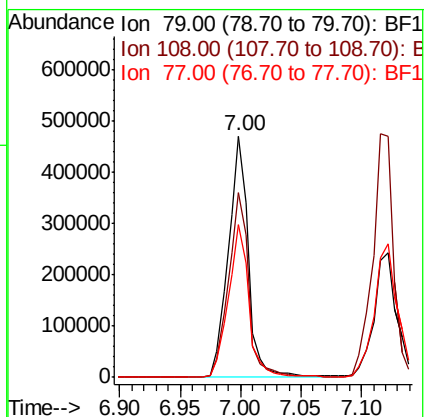
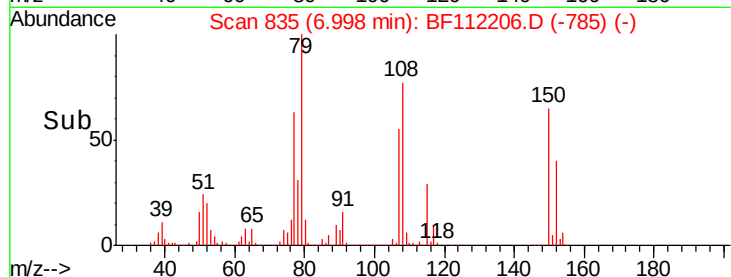
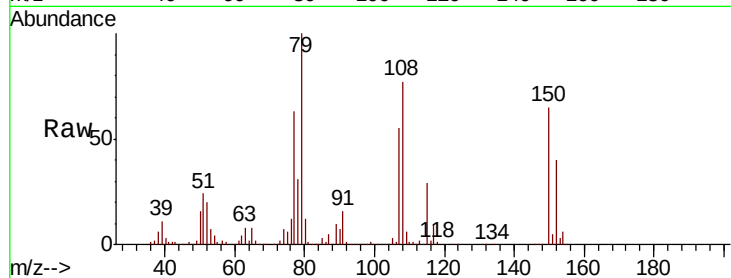
Tot Ion: 79 Resp: 543983

Ion Ratio Lower Upper

79 100

108 76.7 64.2 96.2

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.930 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

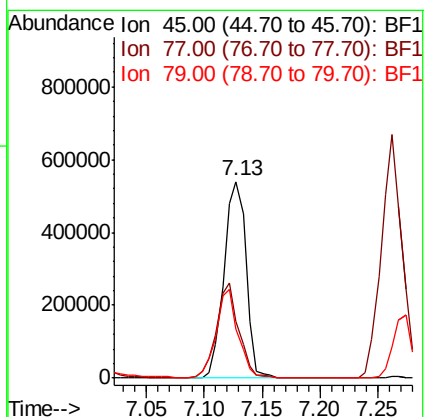
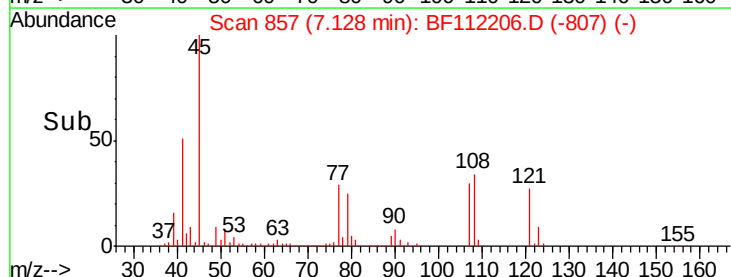
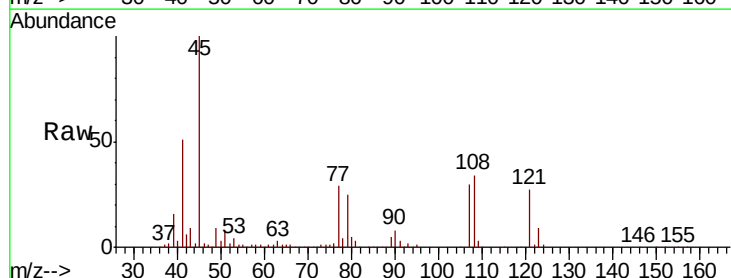
Tgt Ion: 45 Resp: 717297

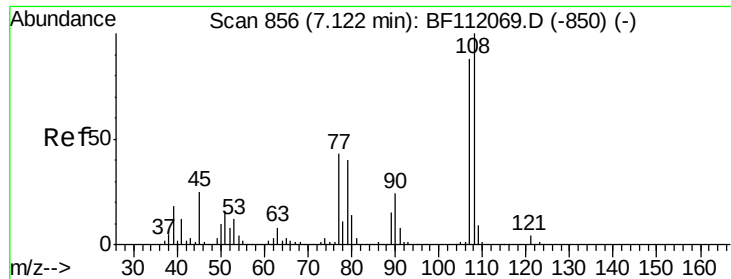
Ion Ratio Lower Upper

45 100

77 29.2 0.0 36.9

79 24.8 0.0 34.0

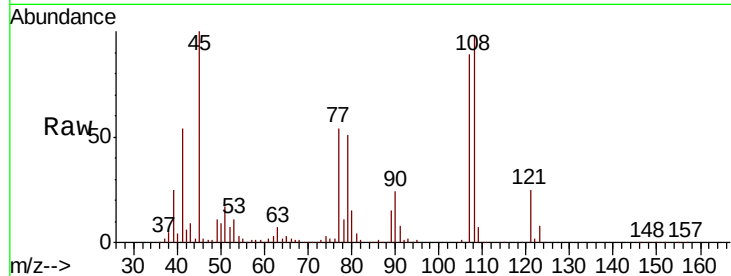




#17
2-Methylphenol
Concen: 43.973 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	91.3	136.9
77	61.3	39.0	58.6
79	57.1	37.0	55.4



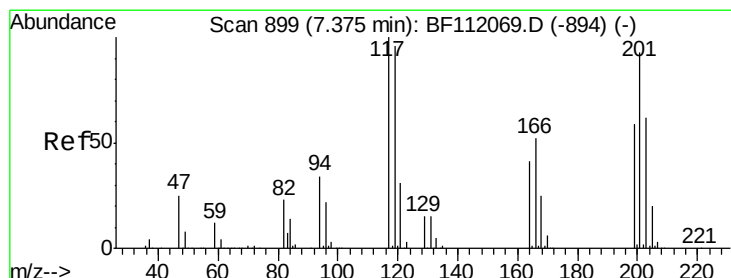
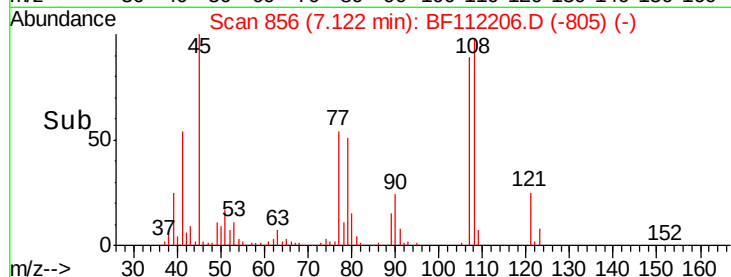
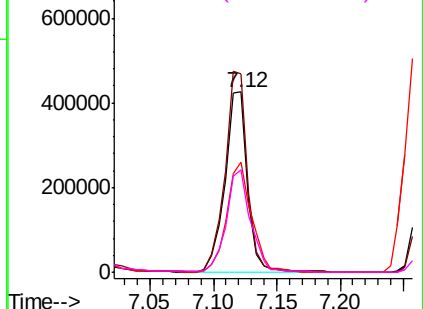
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

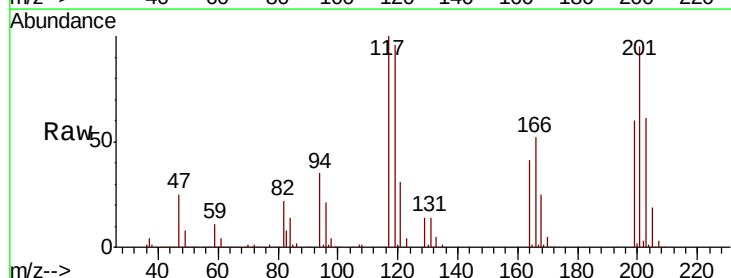
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.527 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	95.1	74.1	111.1

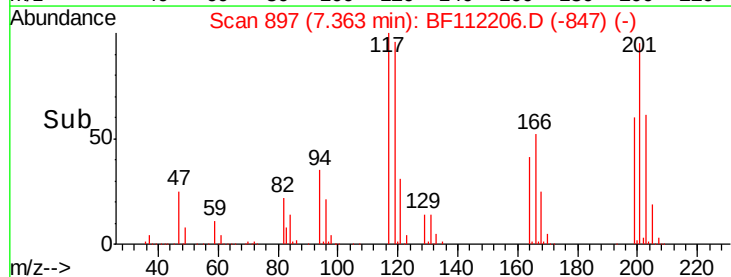
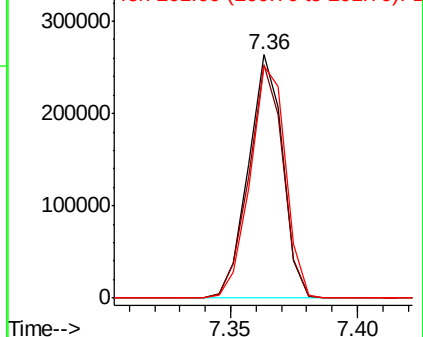


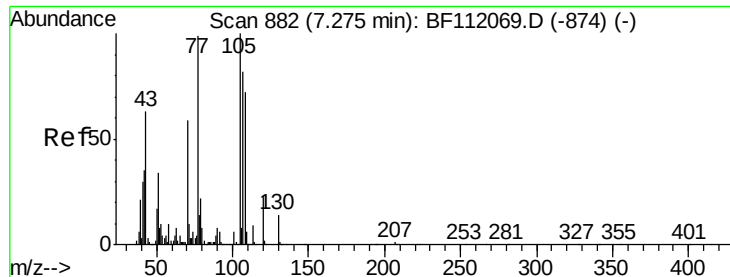
Abundance

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

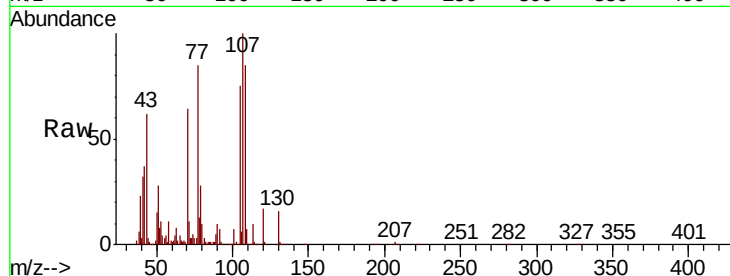




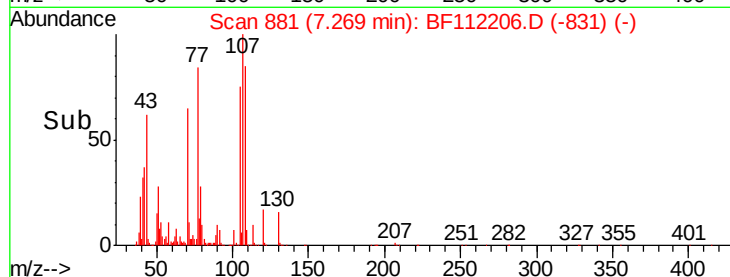
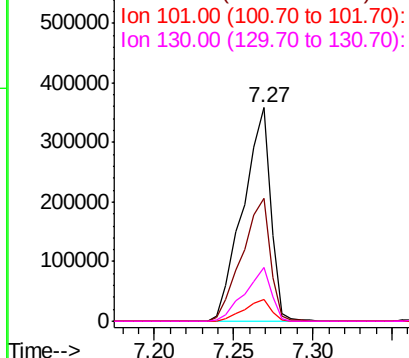
#19
n-Nitroso-di-n-propylamine
Concen: 42.257 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 434286
Ion Ratio Lower Upper
70 100
42 57.3 47.6 71.4
101 10.5 7.9 11.9
130 25.3 18.4 27.6



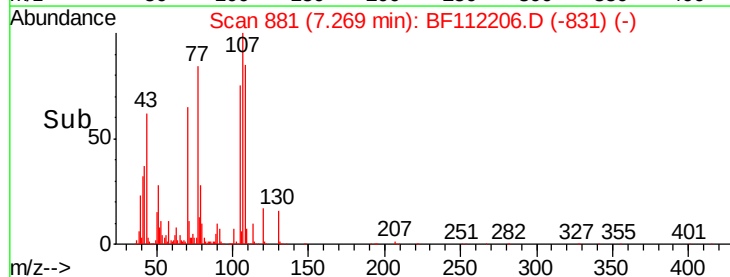
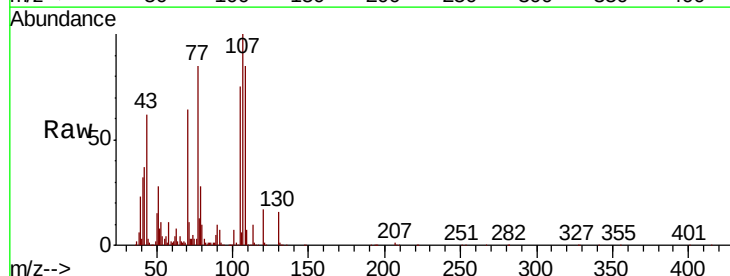
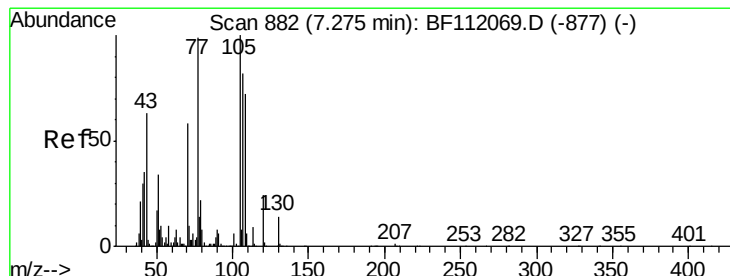
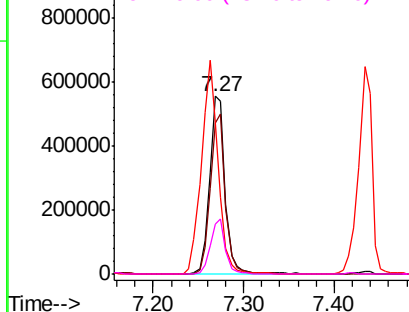
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

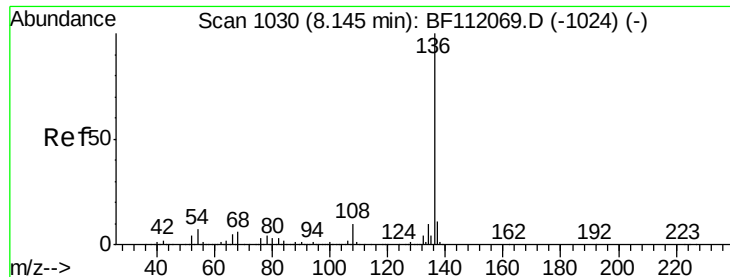


#20
3+4-Methylphenols
Concen: 46.350 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion: 107 Resp: 660921
Ion Ratio Lower Upper
107 100
108 85.2 68.2 108.2
77 84.8 100.7 140.7#
79 28.4 7.3 47.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1002114

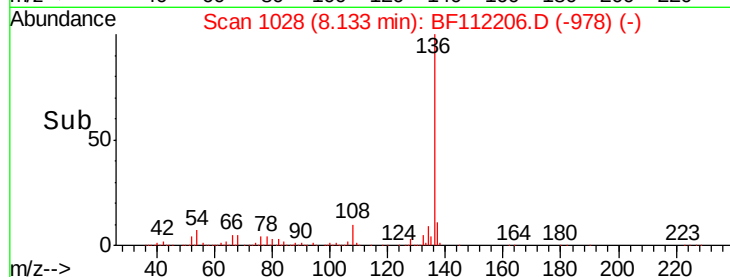
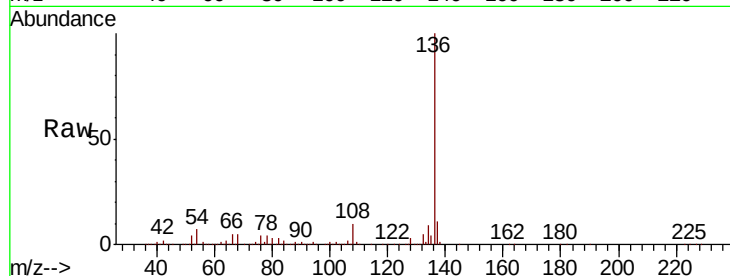
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.6 5.9 8.9

68 5.4 5.1 7.7

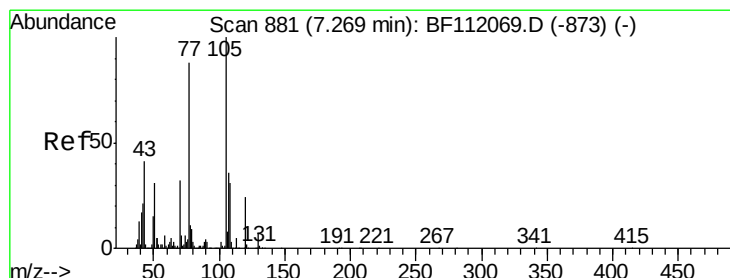
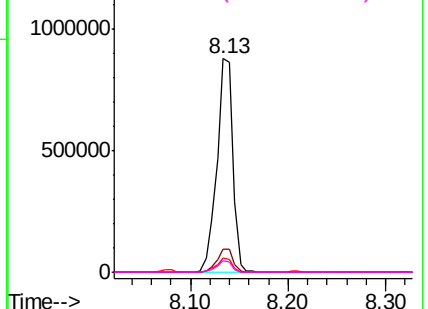


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.714 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Tgt Ion:105 Resp: 875576

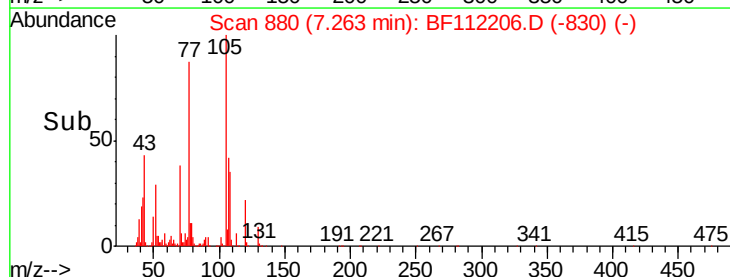
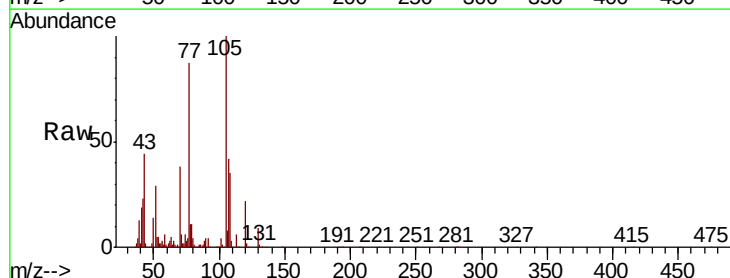
Ion Ratio Lower Upper

105 100

71 6.4 4.6 6.8

51 29.1 25.0 37.6

120 22.4 19.0 28.4

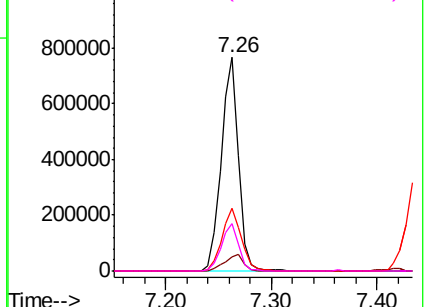


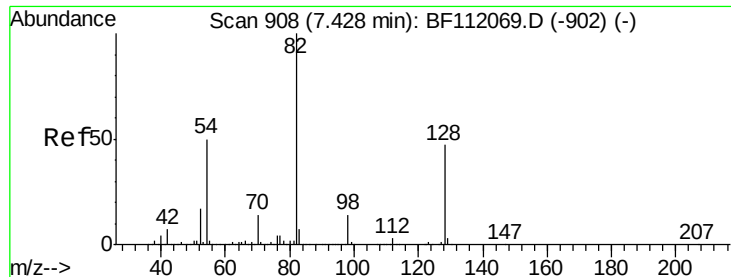
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.776 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

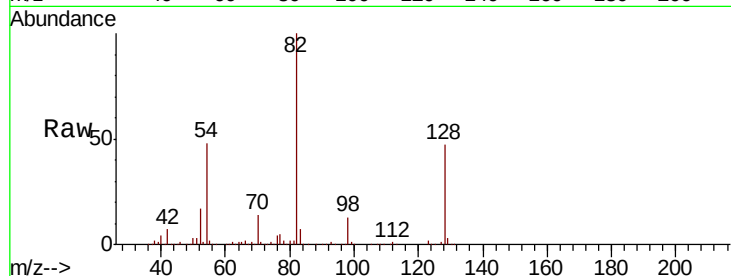
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1331187

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.8
54	48.1	39.7	59.5

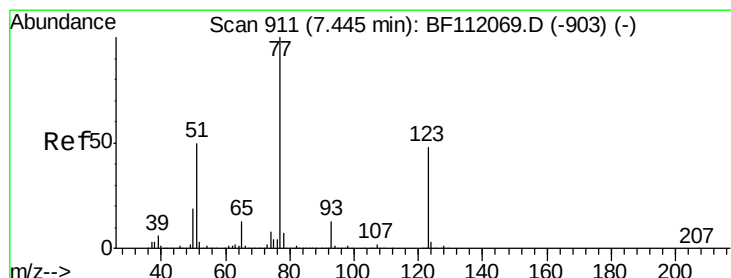
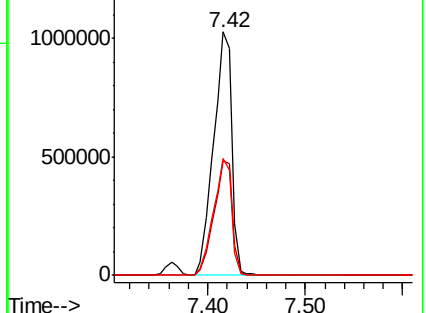
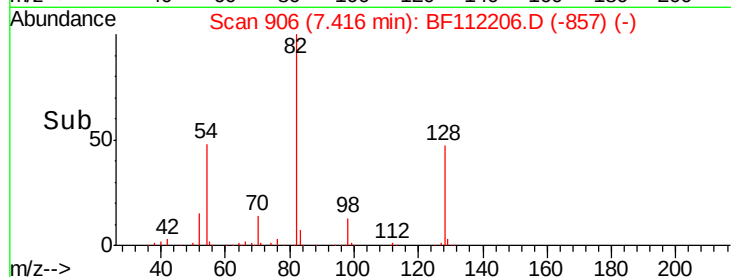


Abundance

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: 42.860 ng

RT: 7.43 min Scan# 909

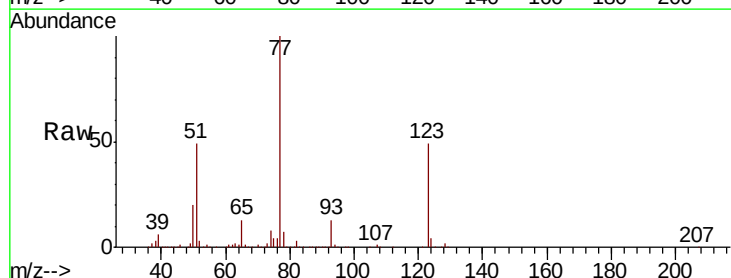
Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Tgt Ion: 77 Resp: 658858

Ion	Ratio	Lower	Upper
77	100		
123	48.6	38.4	57.6
65	13.4	10.6	15.8

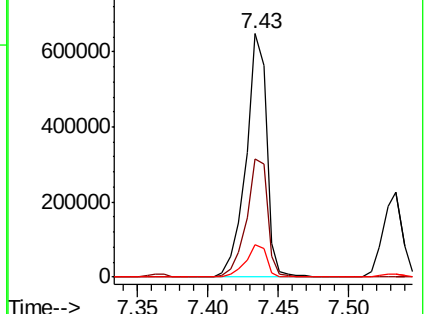
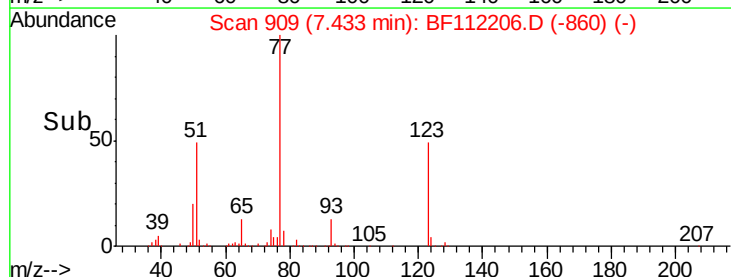


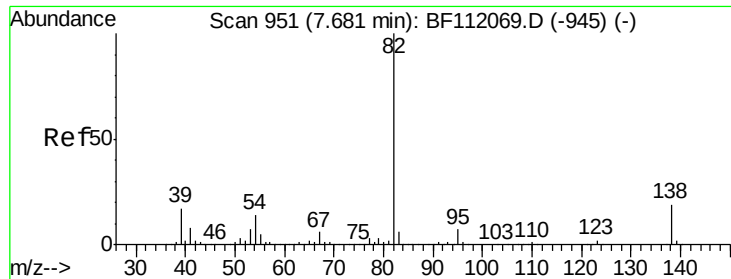
Abundance

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: 42.139 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

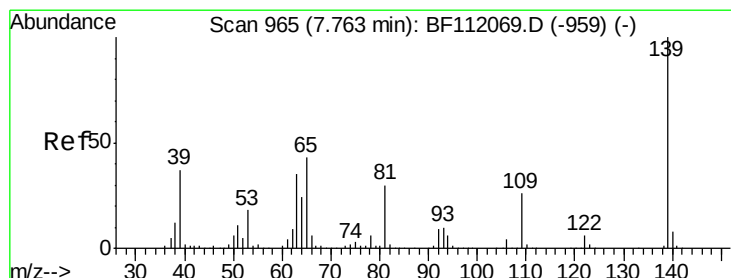
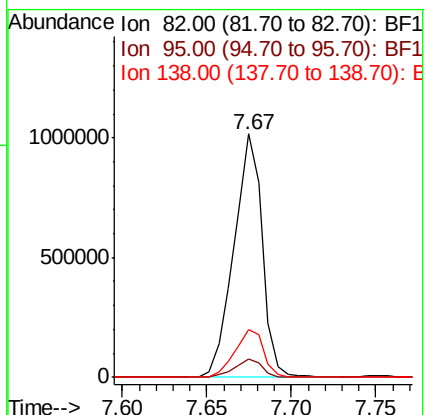
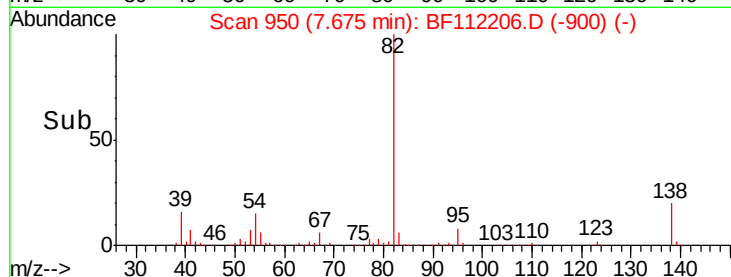
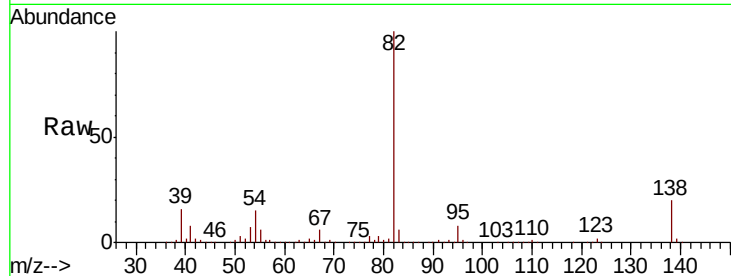
Tot Ion: 82 Resp: 1180568

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 19.7 15.4 23.0



#26

2-Nitrophenol

Concen: 47.088 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

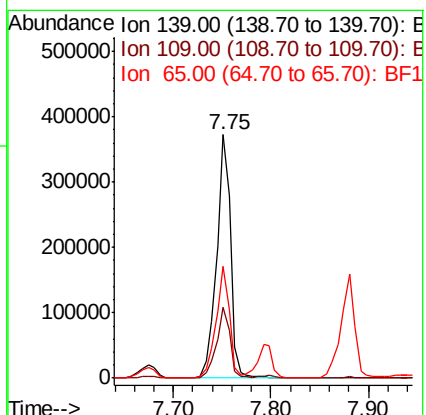
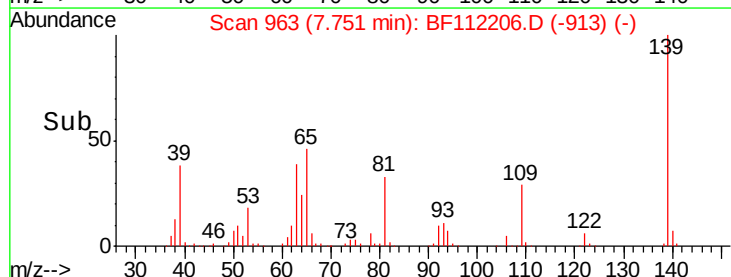
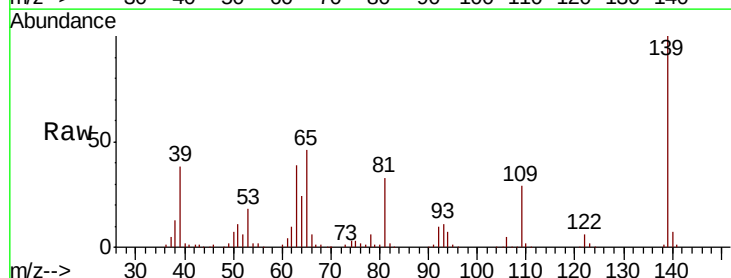
Tgt Ion: 139 Resp: 370821

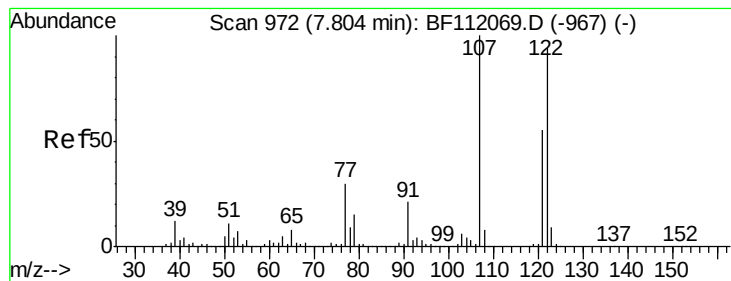
Ion Ratio Lower Upper

139 100

109 29.1 20.8 31.2

65 45.9 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 44.327 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

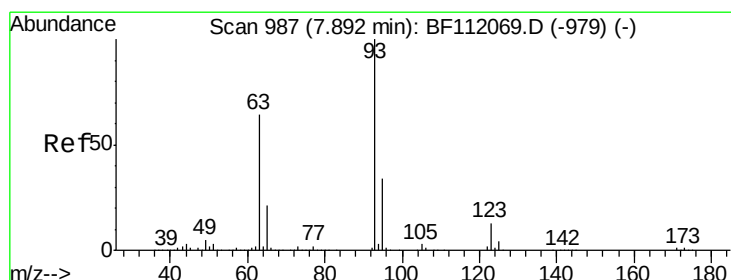
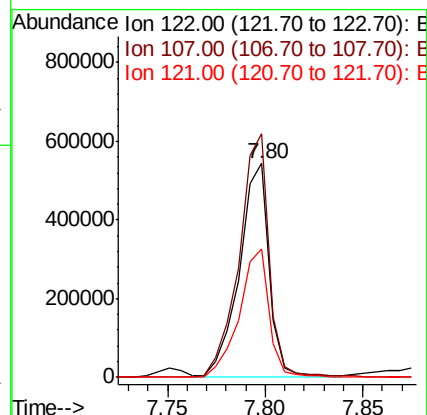
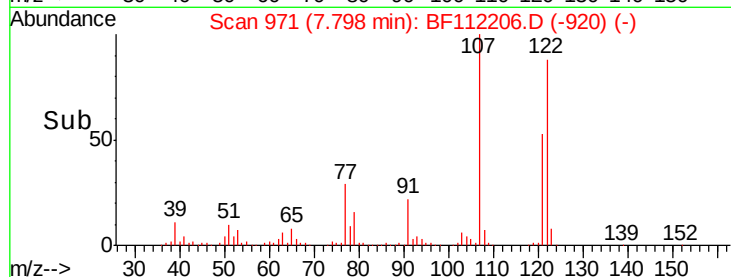
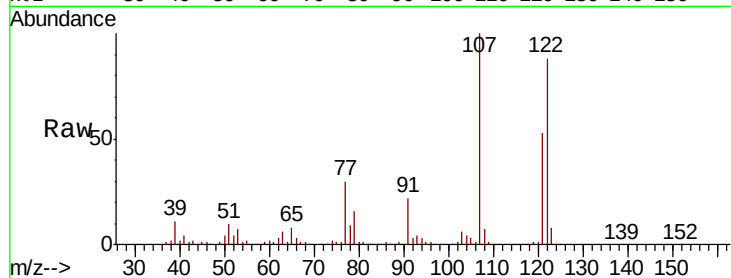
Tot Ion:122 Resp: 576462

Ion Ratio Lower Upper

122 100

107 113.8 85.4 128.0

121 60.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.908 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

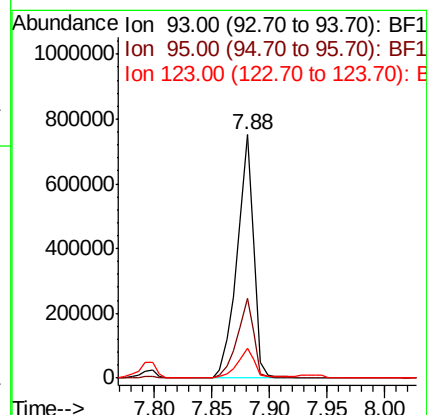
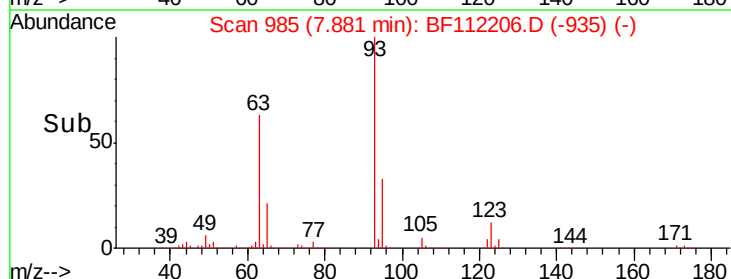
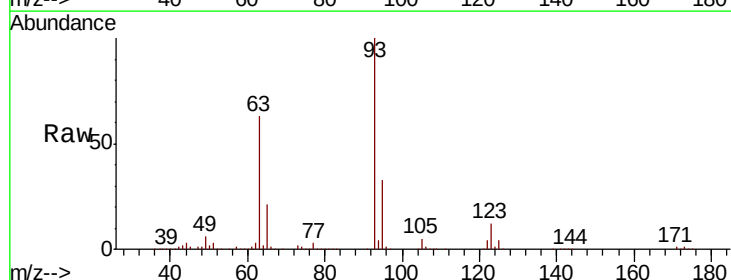
Tgt Ion: 93 Resp: 747735

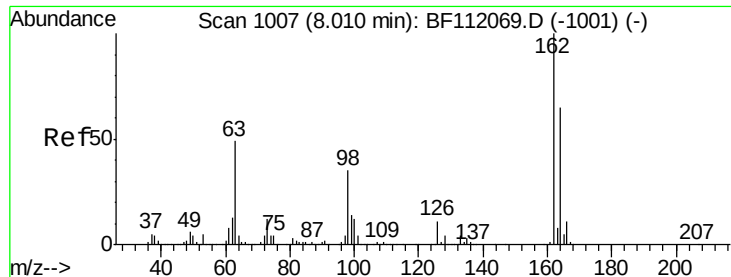
Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

123 12.3 10.2 15.2

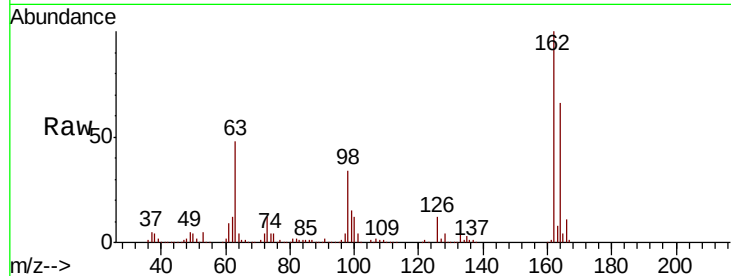




#29
2,4-Dichlorophenol
Concen: 41.201 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.6	84.6
98	34.4	14.6	54.6

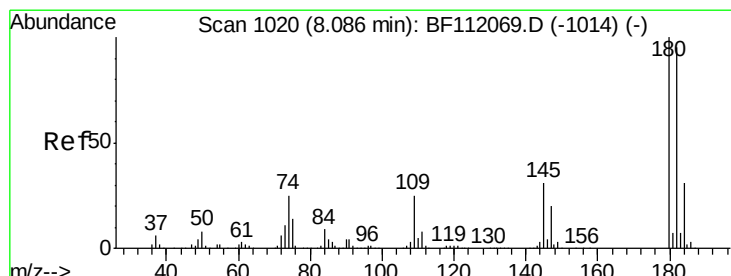
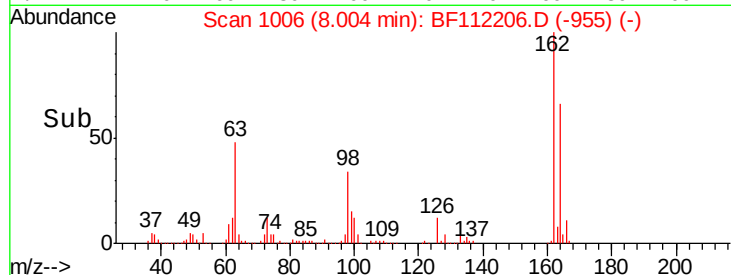
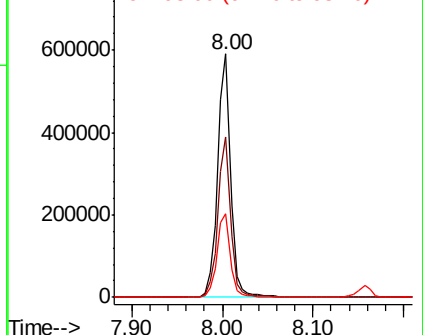


Abundance

Ion 162.00 (161.70 to 162.70): E

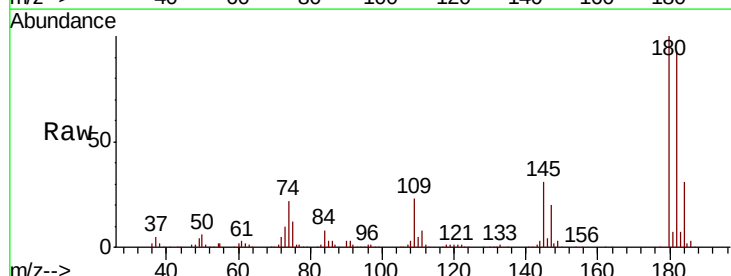
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.455 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.4	114.6
145	30.7	25.0	37.4

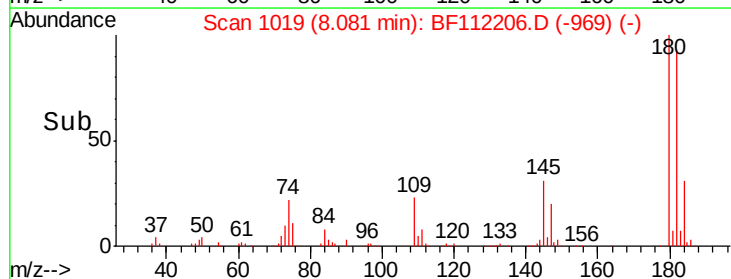
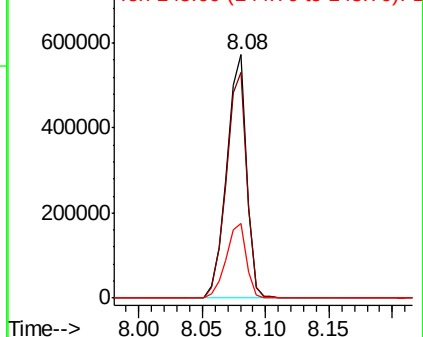


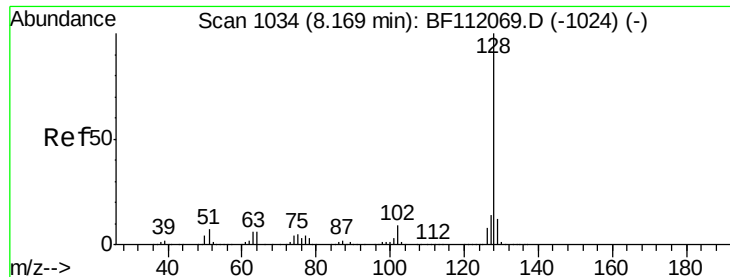
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

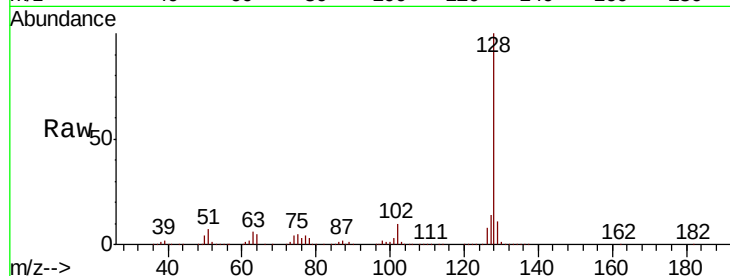




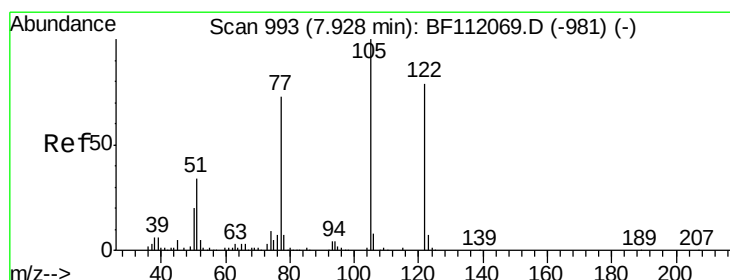
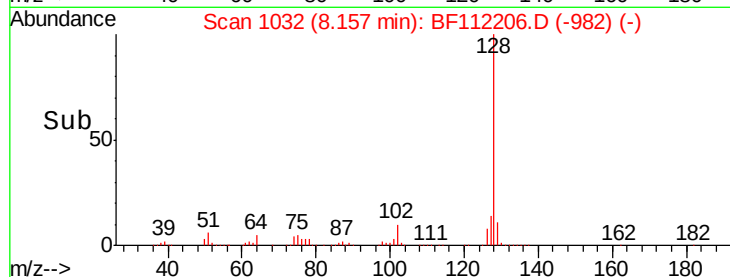
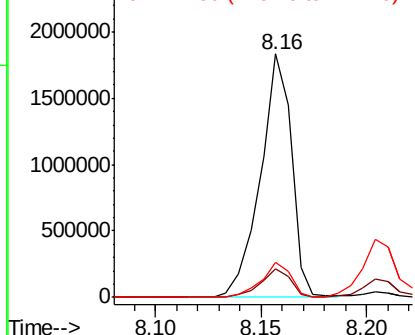
#31
Naphthalene
Concen: 41.233 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1879379
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 14.3 11.1 16.7

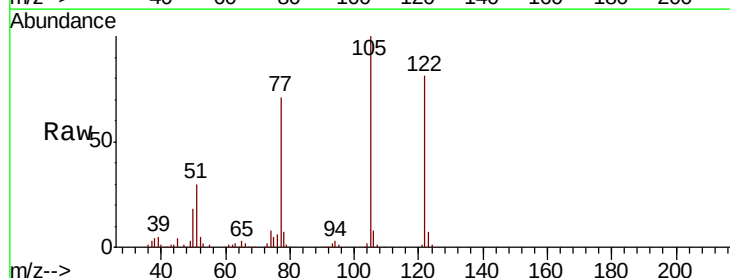


Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

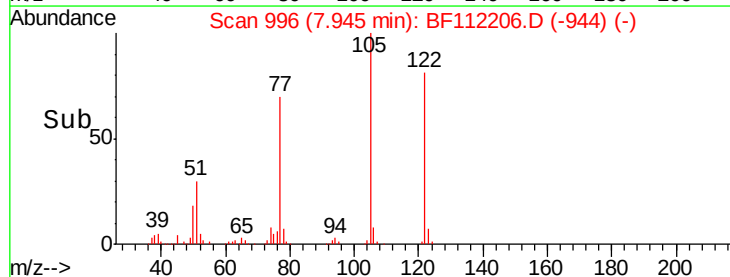
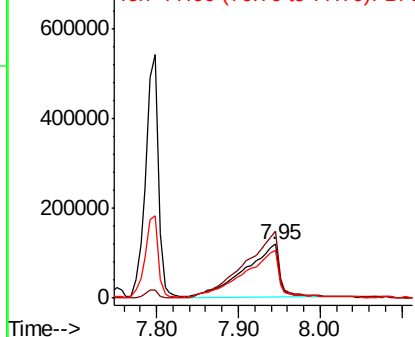


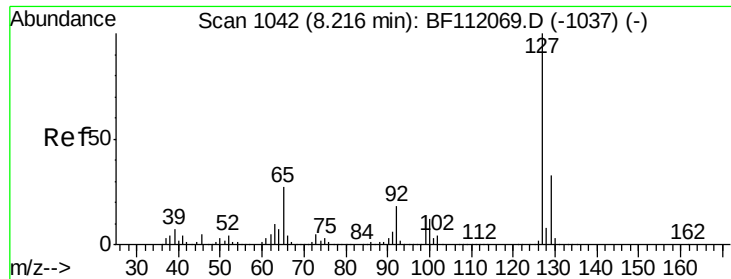
#32
Benzoic acid
Concen: 55.526 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:122 Resp: 355712
Ion Ratio Lower Upper
122 100
105 123.8 101.2 141.2
77 88.2 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

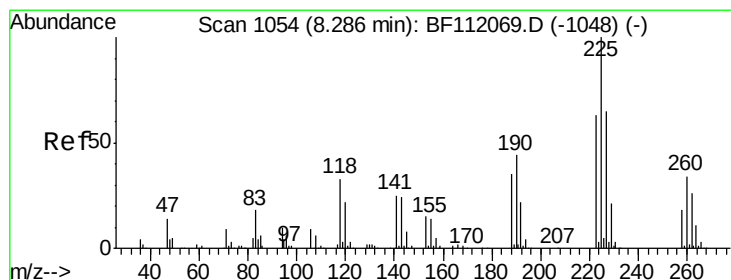
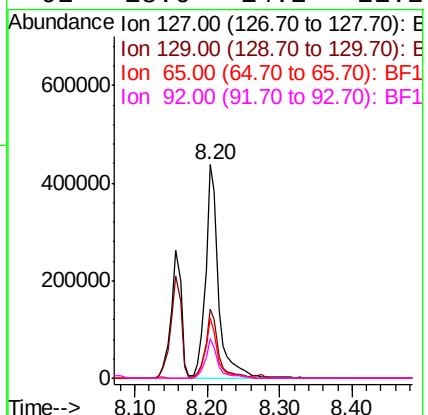
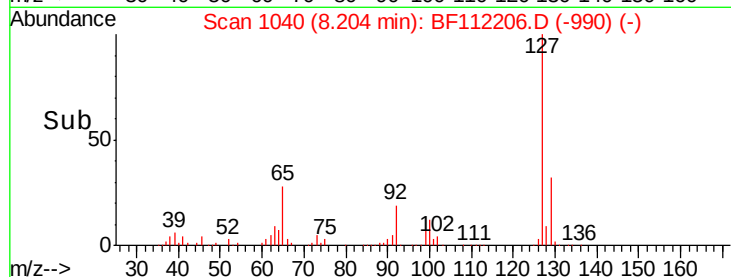
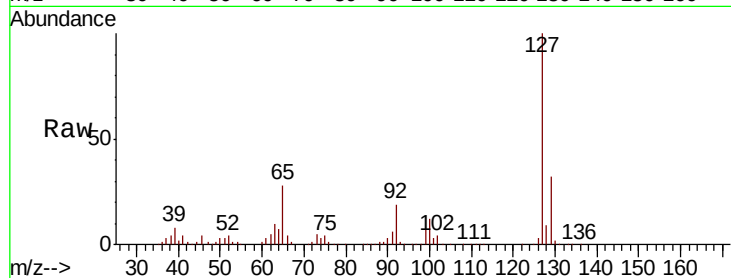




#33
4-Chloroaniline
Concen: 26.635 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

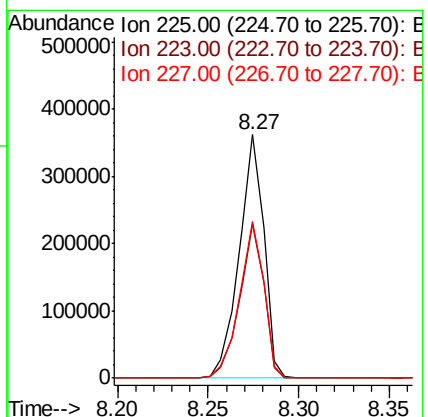
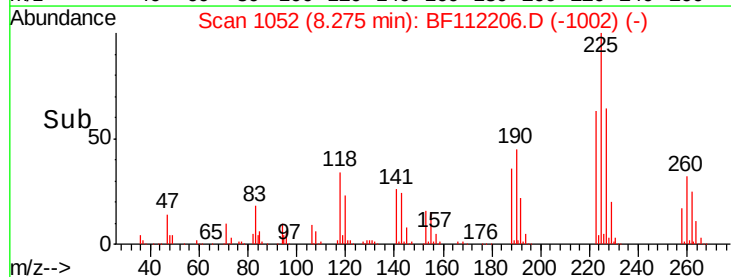
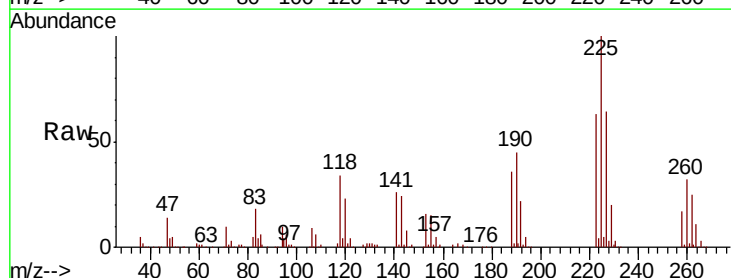
Instrument :
BNA_F
ClientSampleId :

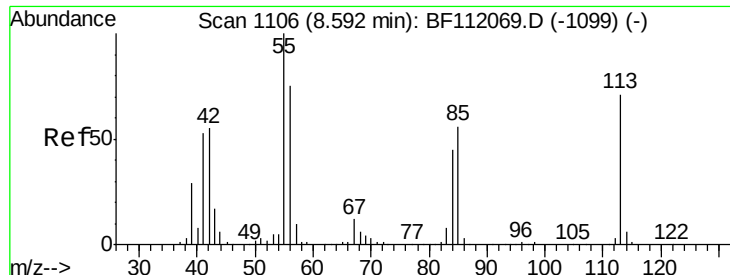
Tot Ion:	127	Resp:	545599
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	28.5	21.4	32.2
92	18.6	14.2	21.2



#34
Hexachlorobutadiene
Concen: 37.114 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:	225	Resp:	340513
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	64.2	51.8	77.8

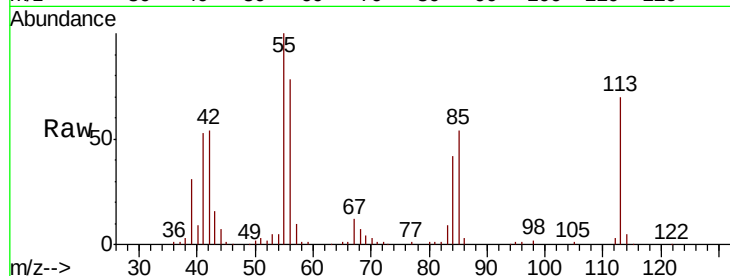




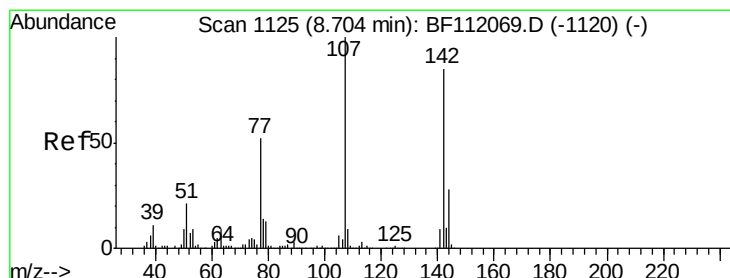
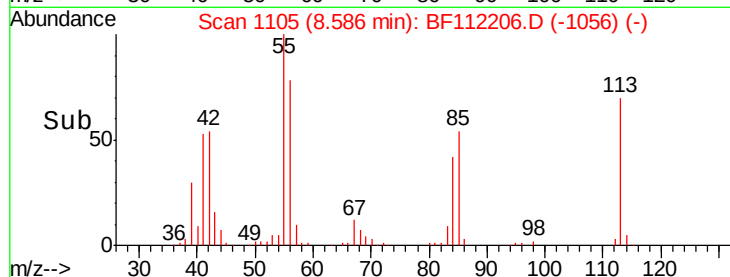
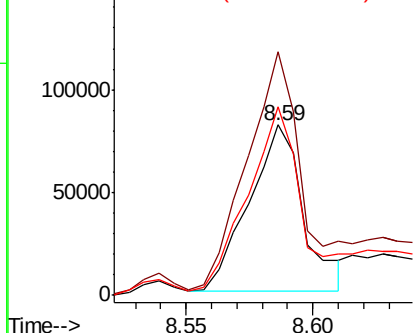
#35
Caprolactam
Concen: 24.138 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 120017
Ion Ratio Lower Upper
113 100
55 143.2 121.6 161.6
56 111.1 86.7 126.7

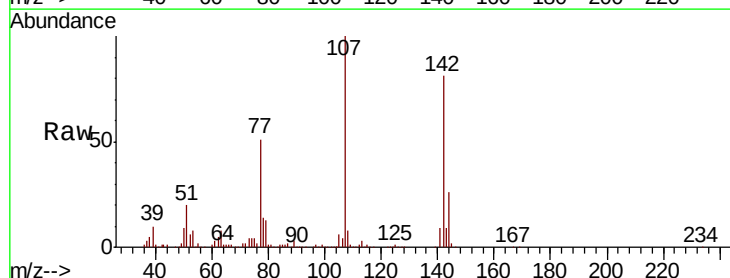


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

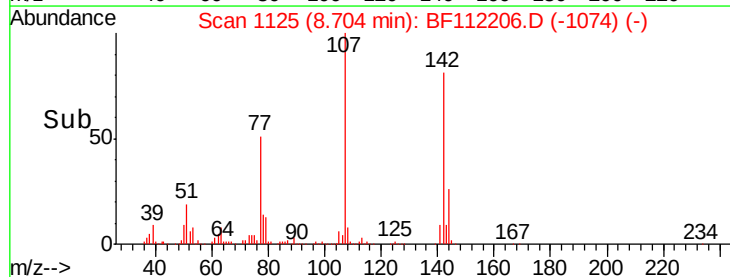
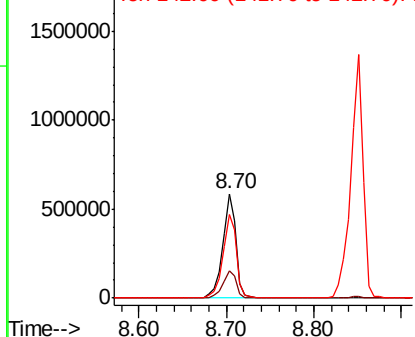


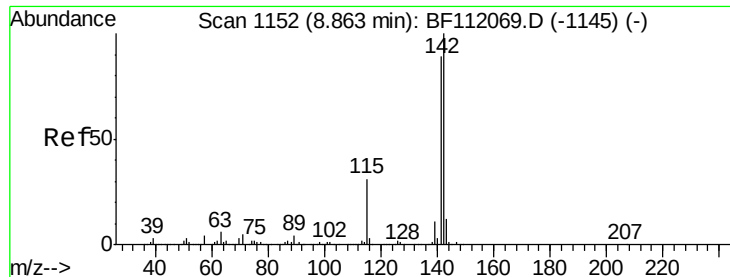
#36
4-Chloro-3-methylphenol
Concen: 44.420 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:107 Resp: 616341
Ion Ratio Lower Upper
107 100
144 26.3 22.2 33.2
142 80.7 67.7 101.5



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

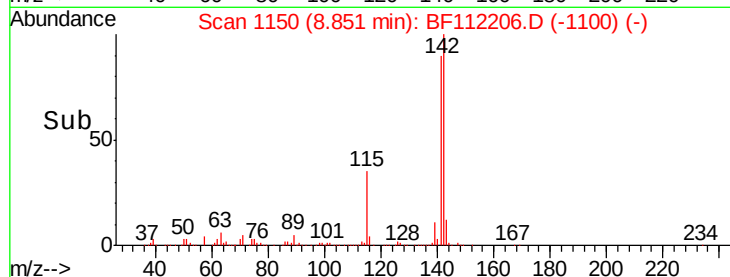
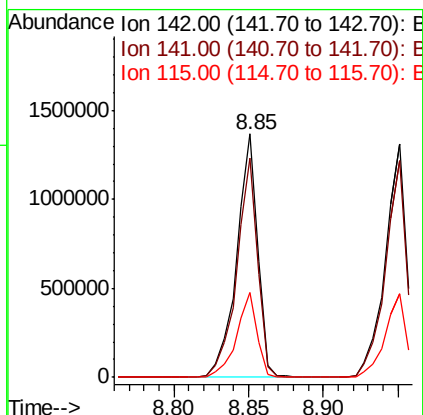
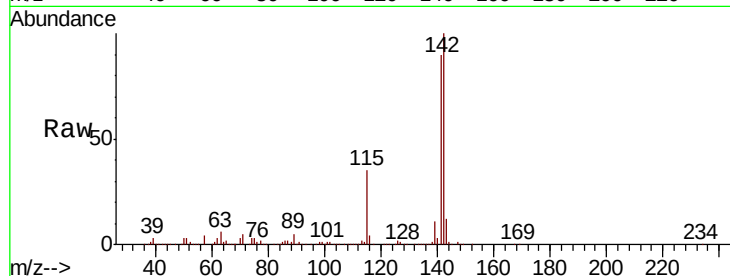




#37
 2-Methylnaphthalene
 Concen: 43.507 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

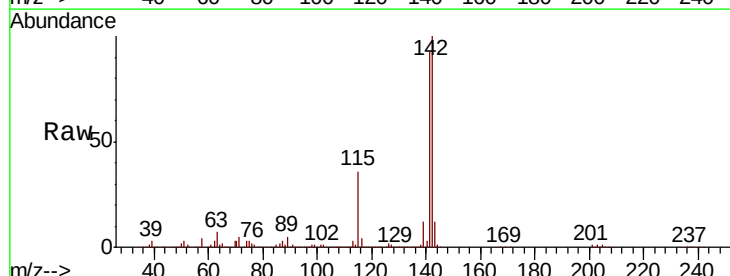
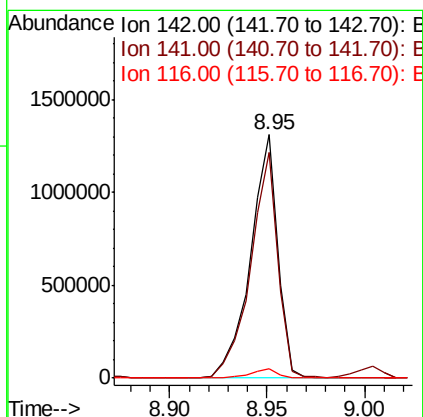
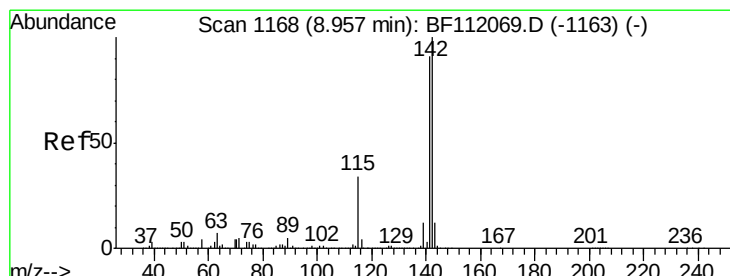
Instrument :
 BNA_F
 ClientSampleId :

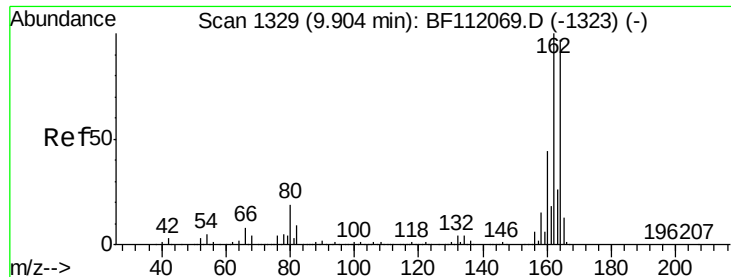
Tot Ion:142 Resp: 1346567
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.9 106.3
 115 35.0 24.9 37.3



#38
 1-Methylnaphthalene
 Concen: 42.576 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Tgt Ion:142 Resp: 1266432
 Ion Ratio Lower Upper
 142 100
 141 92.7 72.6 108.8
 116 3.8 2.8 4.2

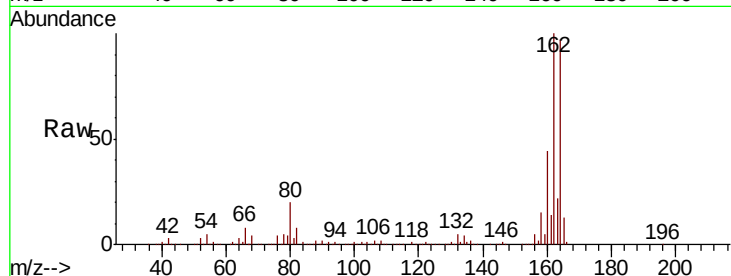




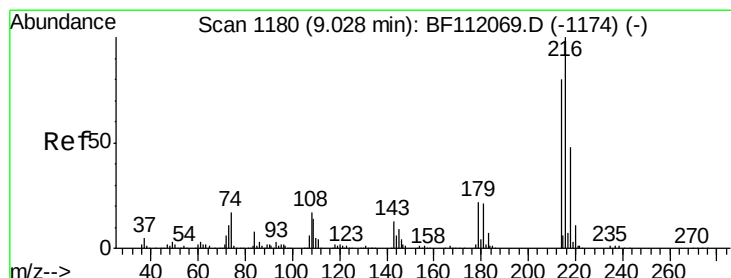
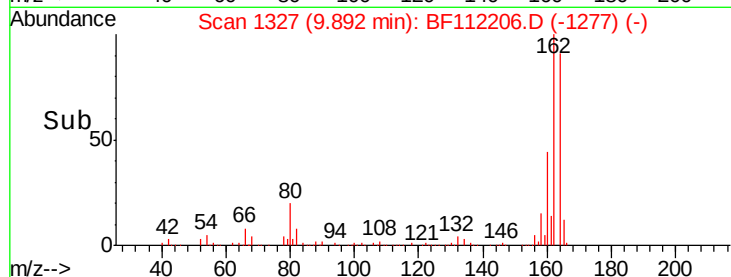
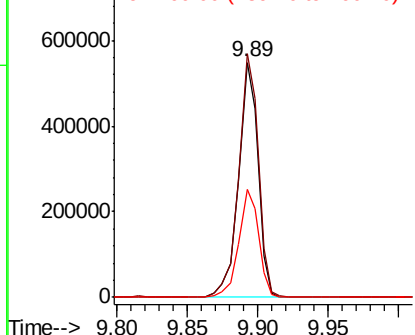
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	45.7	36.2	54.4



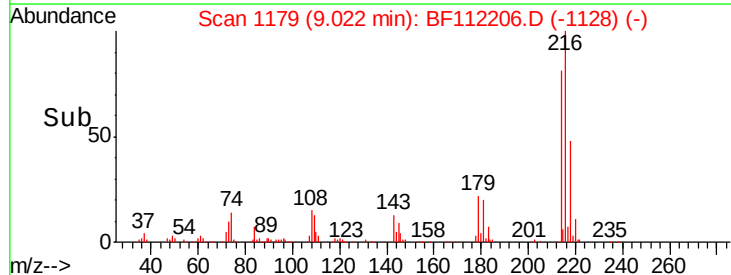
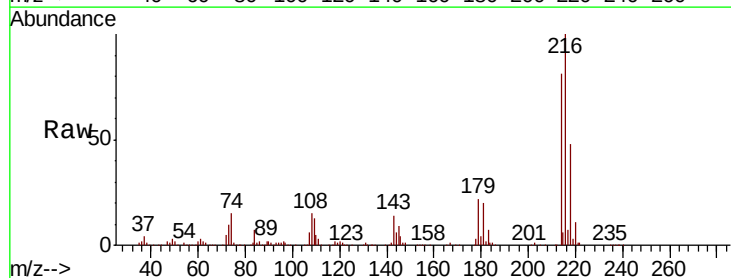
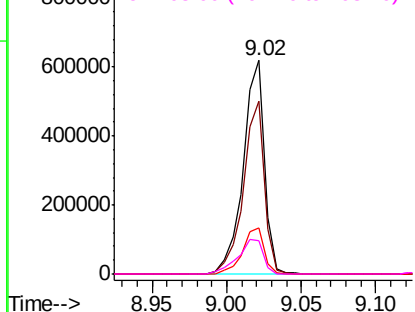
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

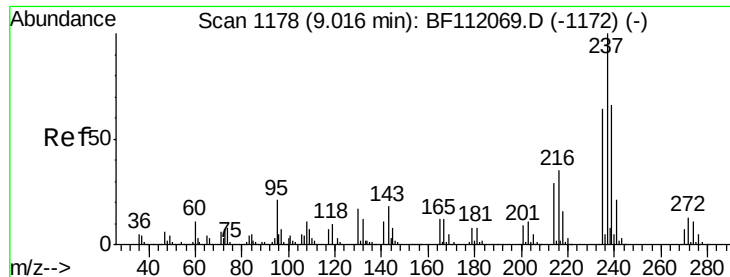


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.104 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.0	16.9	25.3
108	19.7	14.2	21.4

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

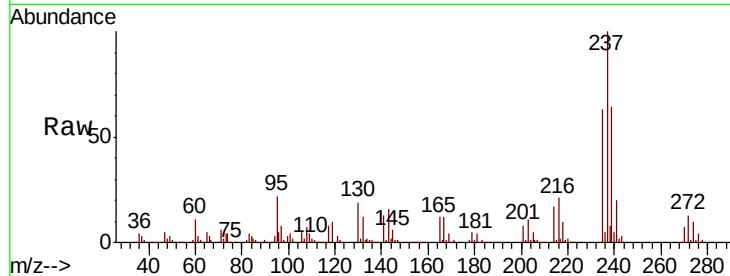




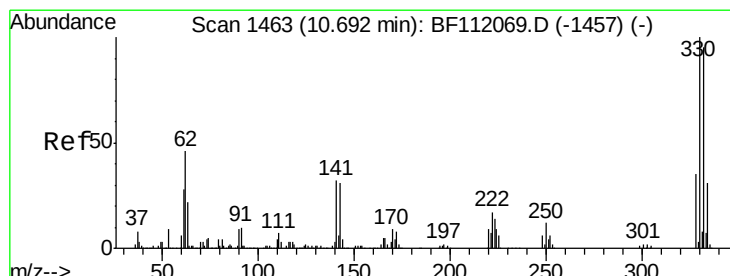
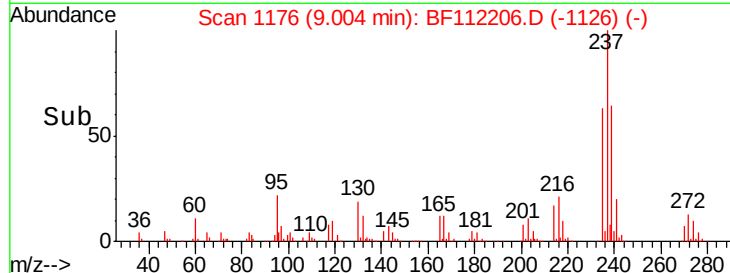
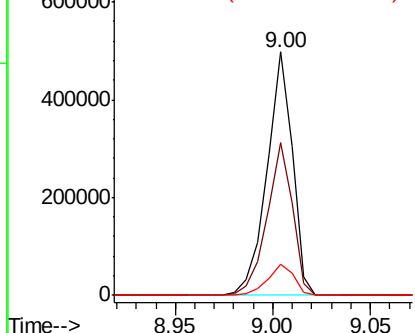
#41
Hexachlorocyclopentadiene
Concen: 68.216 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 451822
Ion Ratio Lower Upper
237 100
235 62.8 44.0 84.0
272 13.0 0.0 33.3

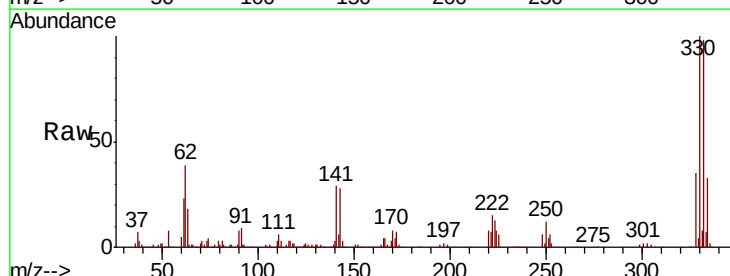


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

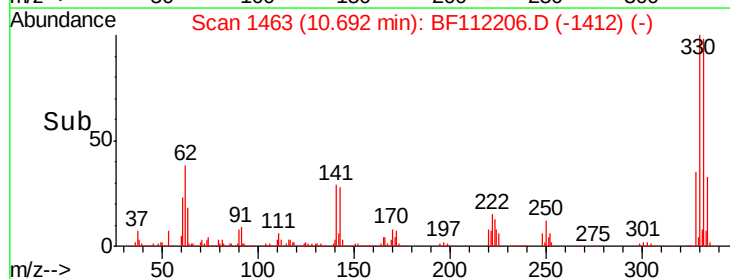
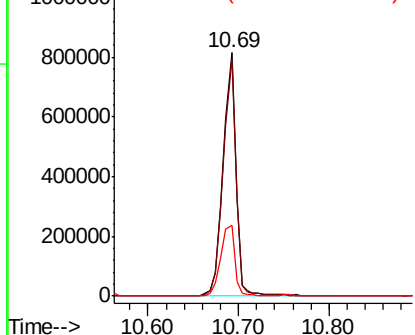


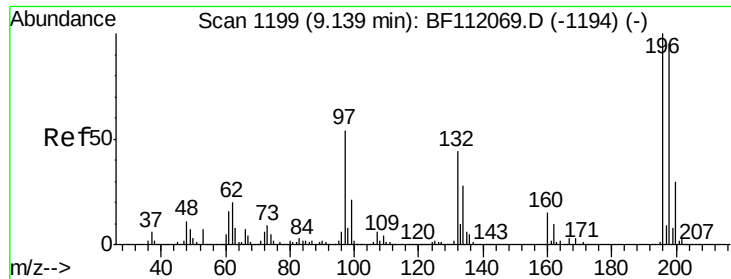
#42
2,4,6-Tribromophenol
Concen: 140.789 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:330 Resp: 799104
Ion Ratio Lower Upper
330 100
332 97.7 76.6 114.8
141 31.9 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

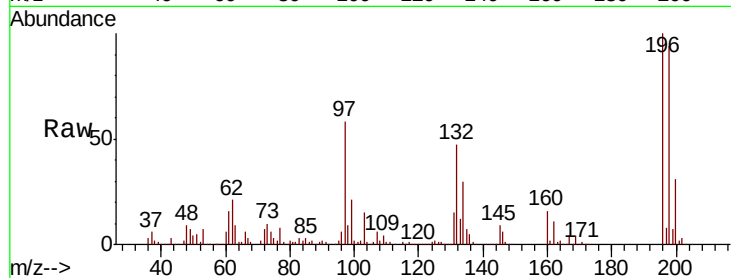




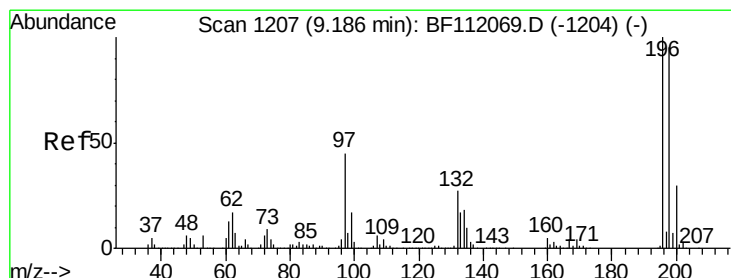
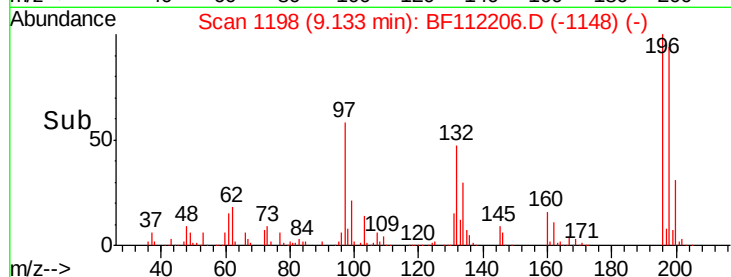
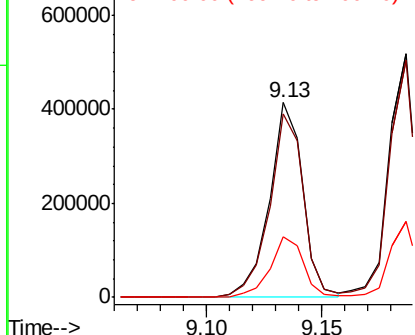
#43
 2,4,6-Trichlorophenol
 Concen: 41.204 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 416454
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.2 114.4
 200 31.0 24.3 36.5



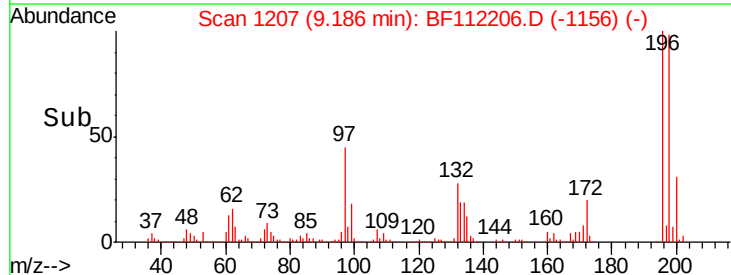
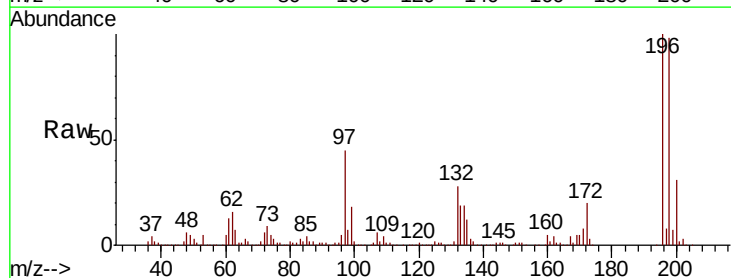
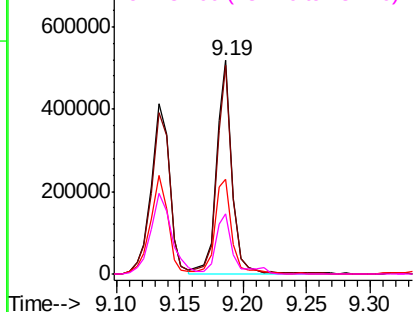
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

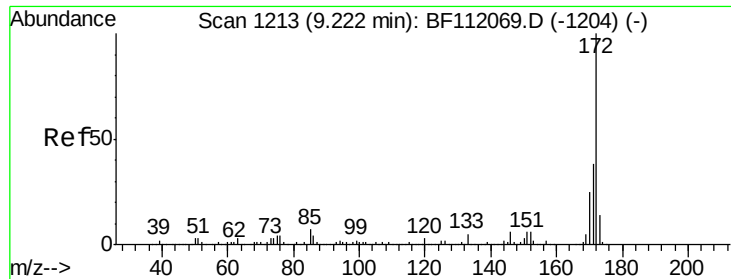


#44
 2,4,5-Trichlorophenol
 Concen: 41.200 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Tgt Ion:196 Resp: 443500
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.0 114.0
 97 44.6 36.4 54.6
 132 28.4 21.5 32.3

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

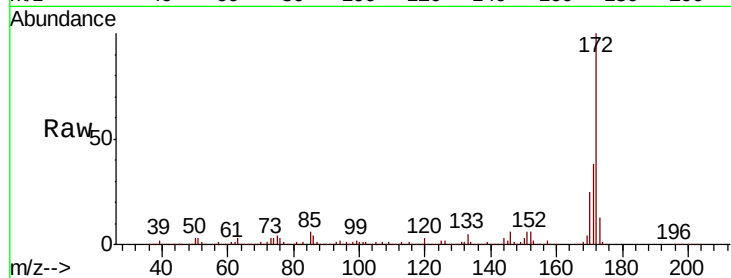




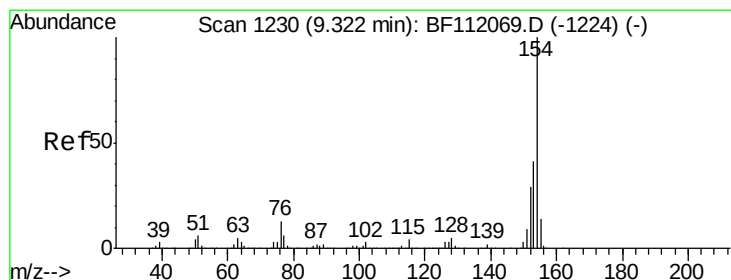
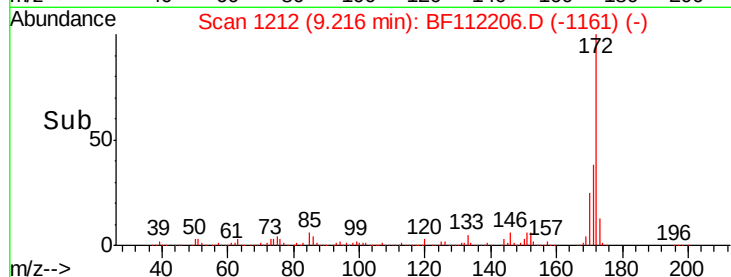
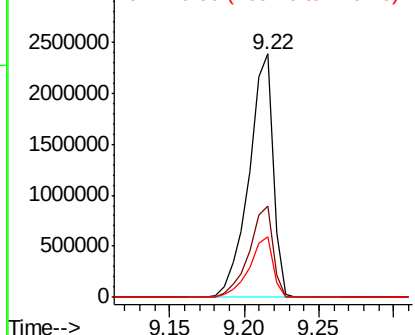
#45
2-Fluorobiphenyl
Concen: 74.356 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2668413
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.9 20.2 30.4

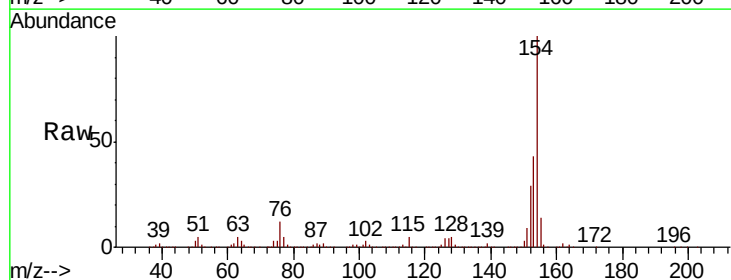


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

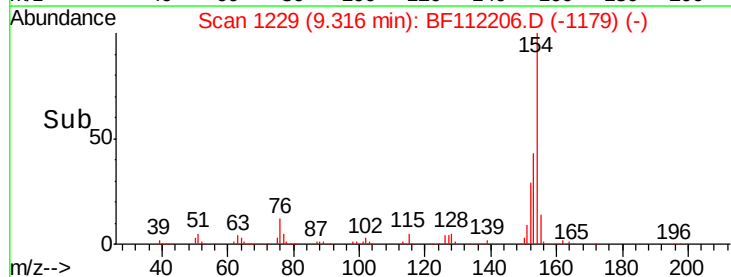
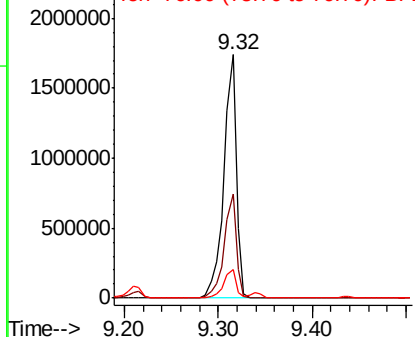


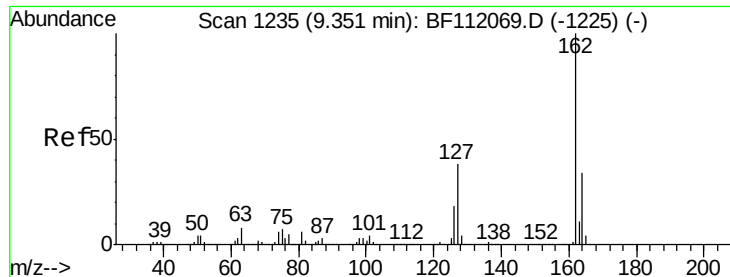
#46
1,1'-Biphenyl
Concen: 36.773 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:154 Resp: 1617791
Ion Ratio Lower Upper
154 100
153 42.7 21.5 61.5
76 11.7 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

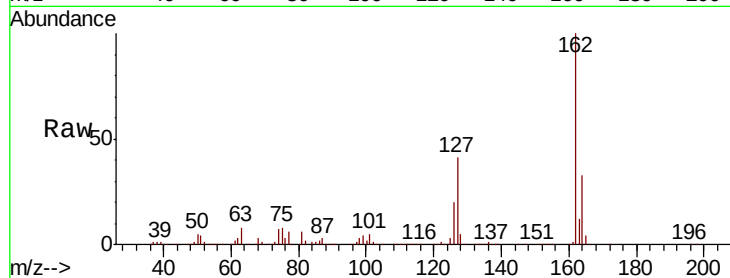




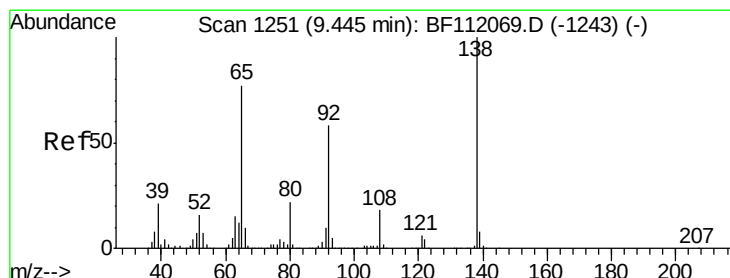
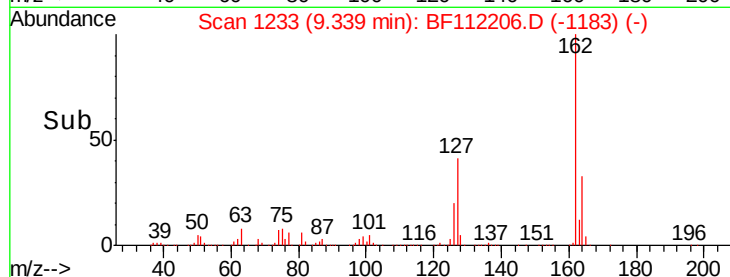
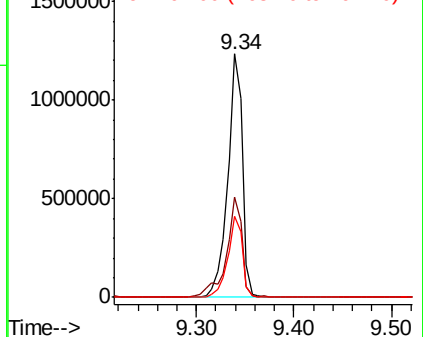
#47
 2-Chloronaphthalene
 Concen: 37.080 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1276924
 Ion Ratio Lower Upper
 162 100
 127 41.2 30.4 45.6
 164 33.1 27.4 41.2

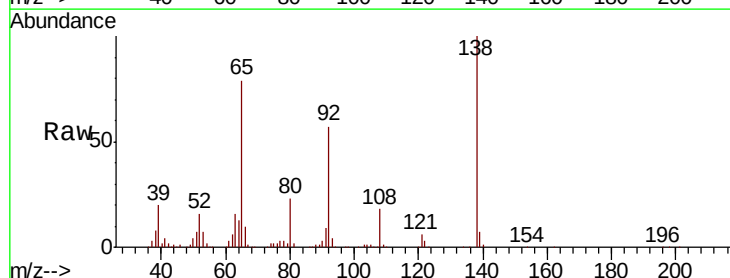


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

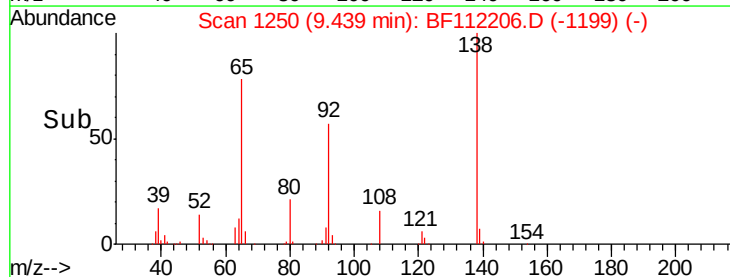
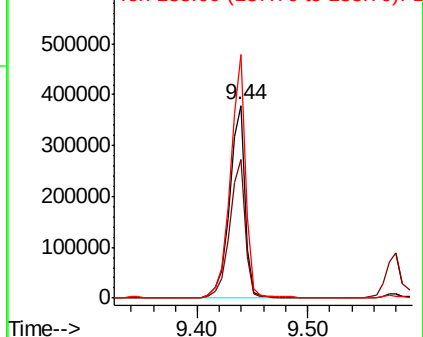


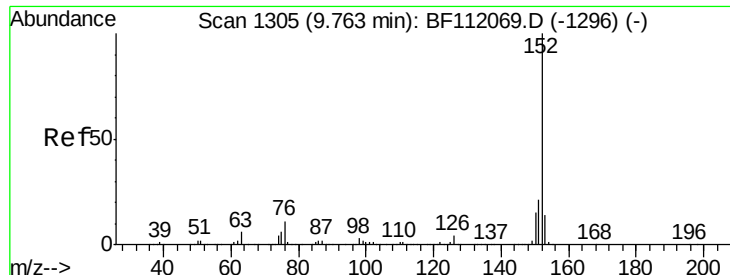
#48
 2-Nitroaniline
 Concen: 48.591 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Tgt Ion: 65 Resp: 376908
 Ion Ratio Lower Upper
 65 100
 92 72.2 60.4 90.6
 138 126.2 104.4 156.6



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





#49

Acenaphthylene

Concen: 40.318 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampled :

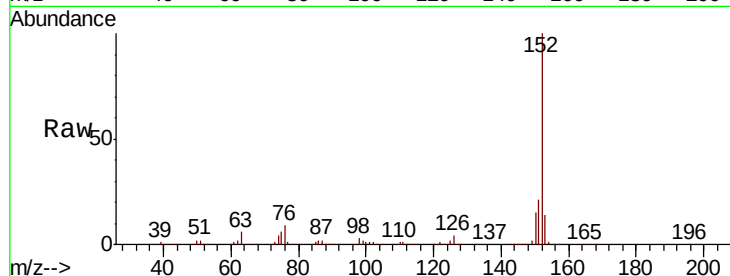
Tot Ion:152 Resp: 2026120

Ion Ratio Lower Upper

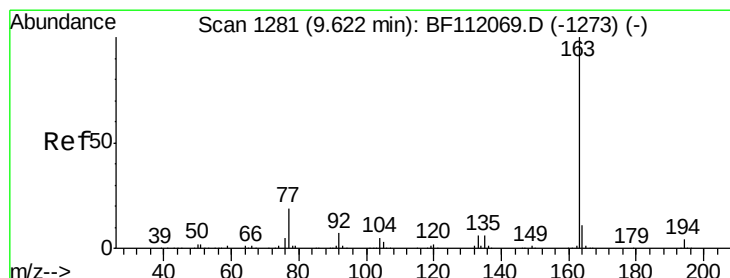
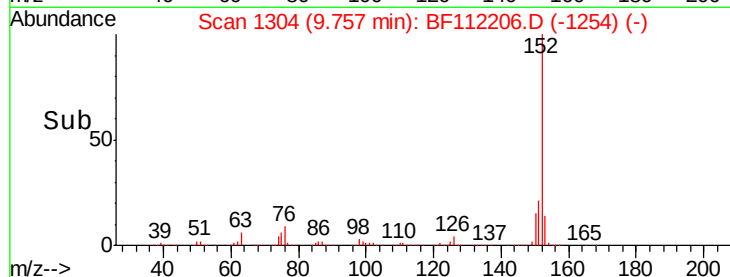
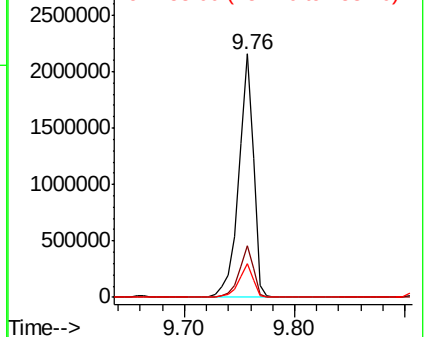
152 100

151 21.2 17.0 25.6

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.153 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

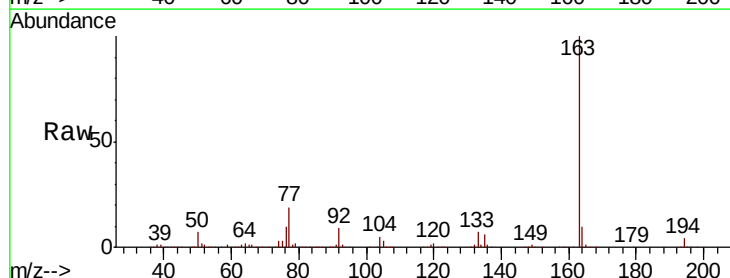
Tgt Ion:163 Resp: 1579058

Ion Ratio Lower Upper

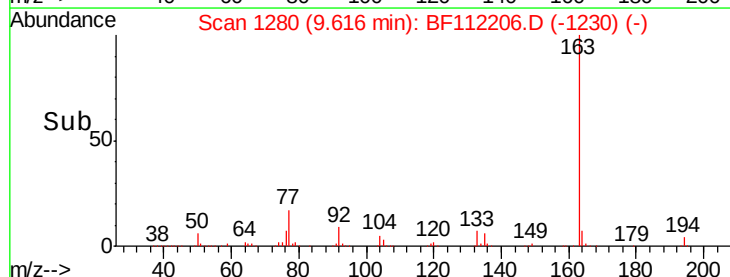
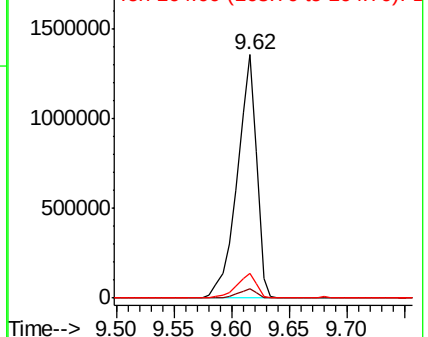
163 100

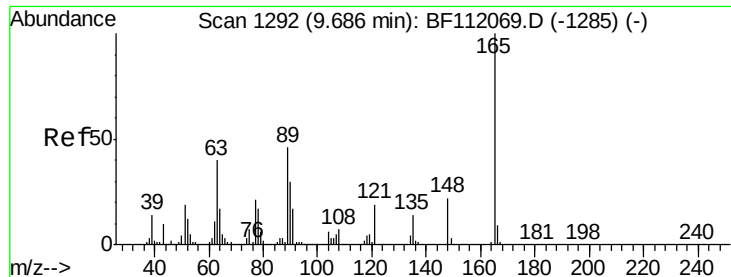
194 4.1 3.3 4.9

164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

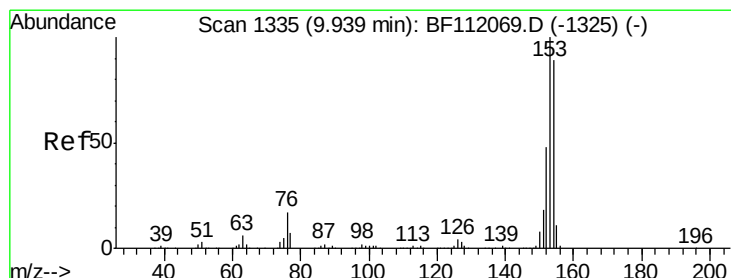
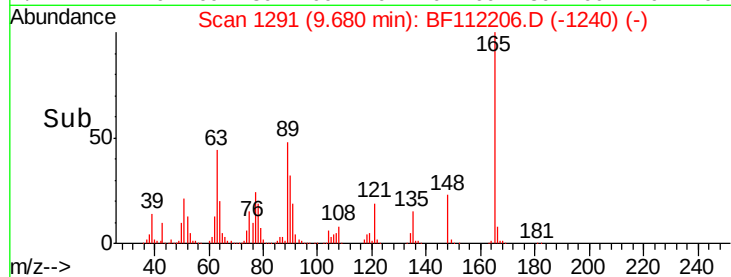
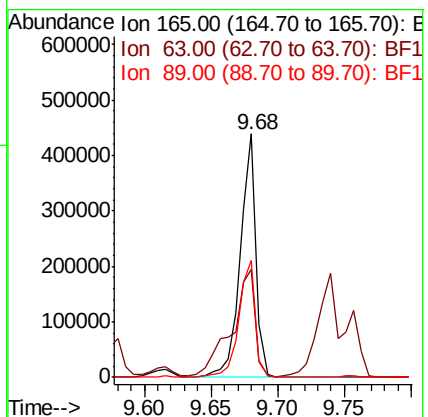
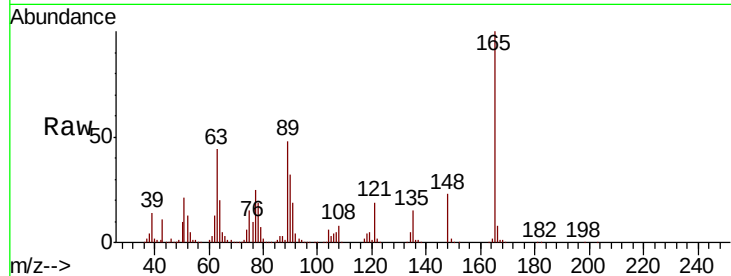




#51
2,6-Dinitrotoluene
Concen: 47.275 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

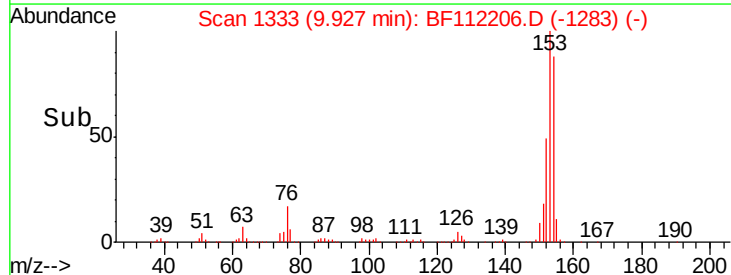
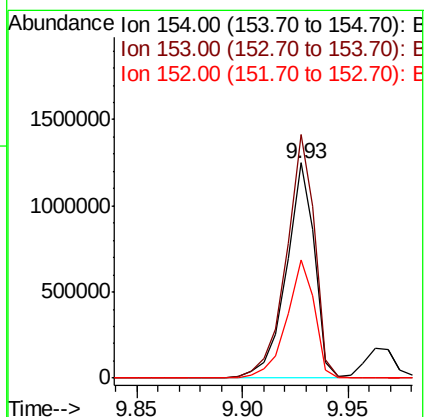
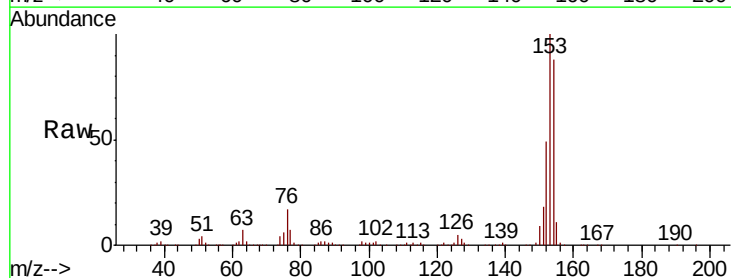
Instrument :
BNA_F
ClientSampled :

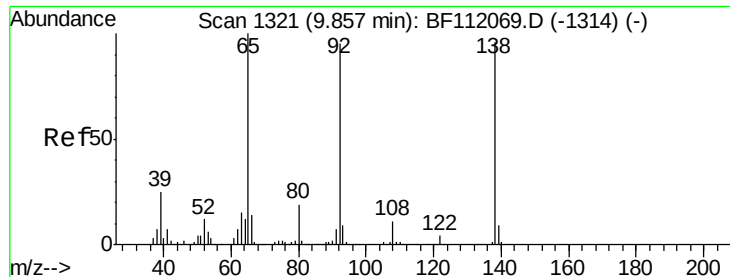
Tot Ion:165 Resp: 362255
Ion Ratio Lower Upper
165 100
63 44.3 33.8 50.8
89 48.1 36.9 55.3



#52
Acenaphthene
Concen: 37.884 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:154 Resp: 1164848
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.6
152 55.1 43.5 65.3

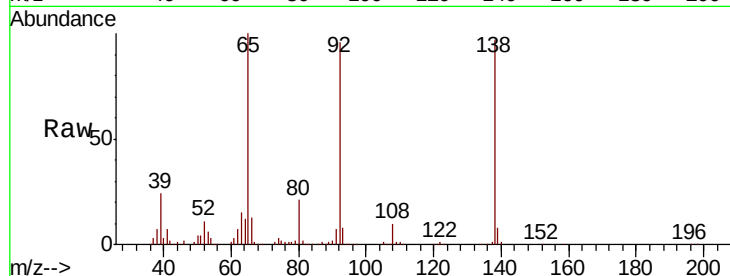




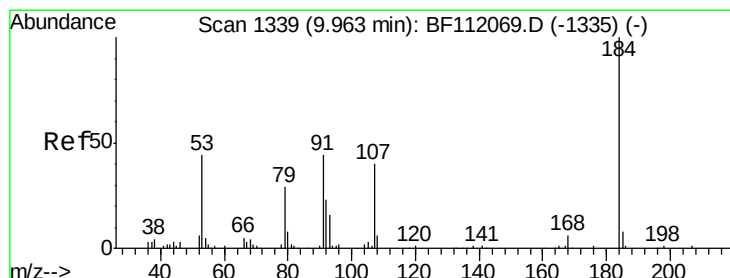
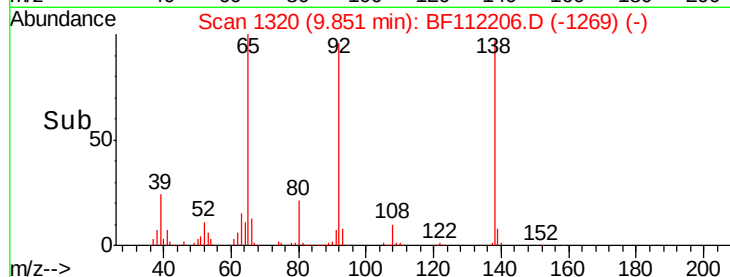
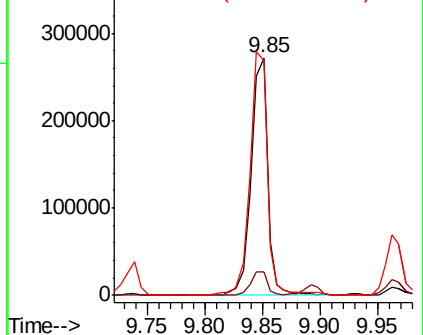
#53
3-Nitroaniline
Concen: 31.894 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 273301
Ion Ratio Lower Upper
138 100
108 9.9 9.8 14.6
92 98.9 79.4 119.2

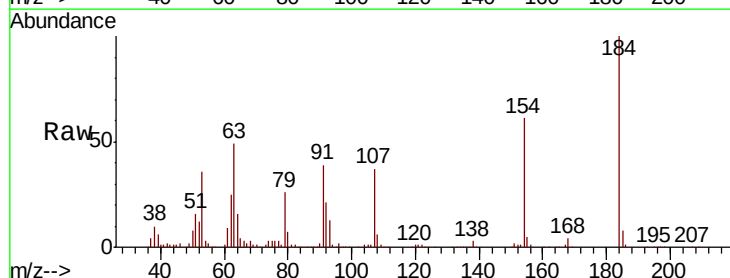


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

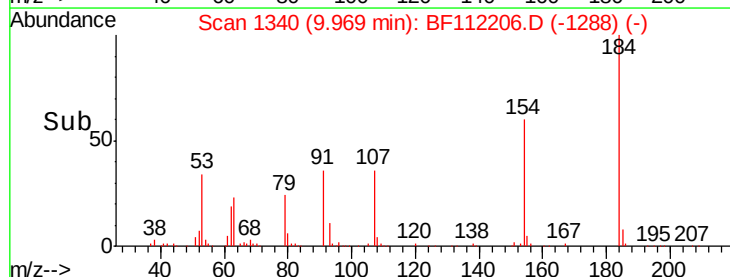
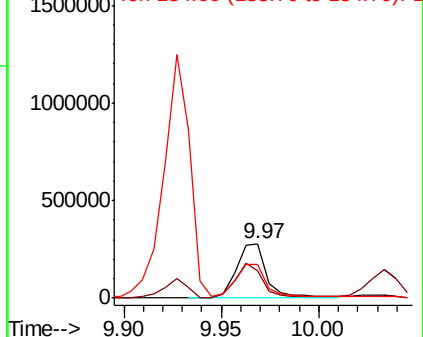


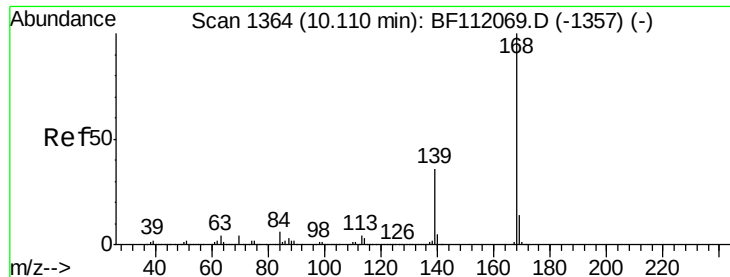
#54
2,4-Dinitrophenol
Concen: 102.753 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:184 Resp: 303455
Ion Ratio Lower Upper
184 100
63 48.9 47.1 70.7
154 60.5 48.9 73.3



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





#55

Dibenzofuran

Concen: 38.097 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampled :

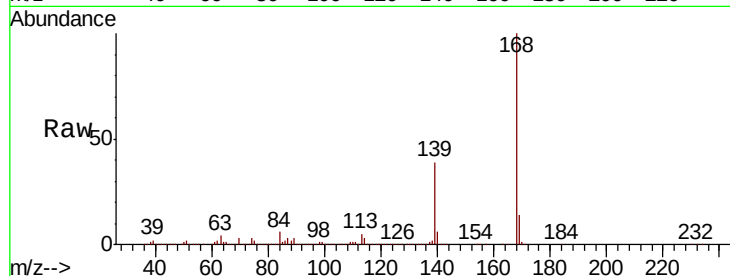
Tot Ion:168 Resp: 1771453

Ion Ratio Lower Upper

168 100

139 39.3 29.2 43.8

169 13.5 11.4 17.0

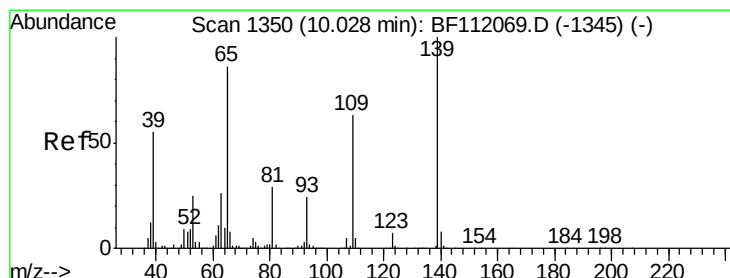
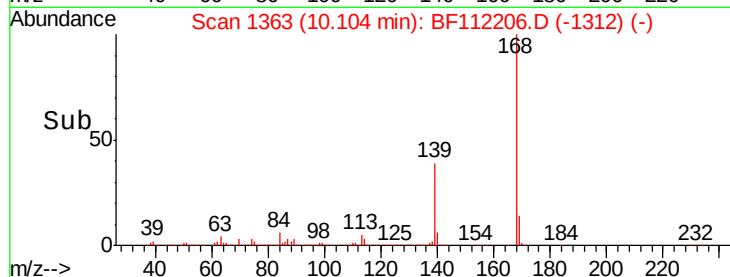
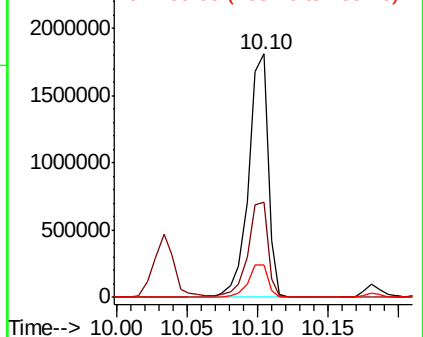


Abundance

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: 78.268 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

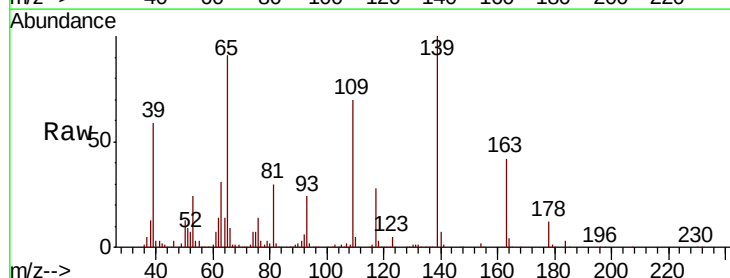
Tgt Ion:139 Resp: 478535

Ion Ratio Lower Upper

139 100

109 69.6 42.8 82.8

65 90.6 66.1 106.1

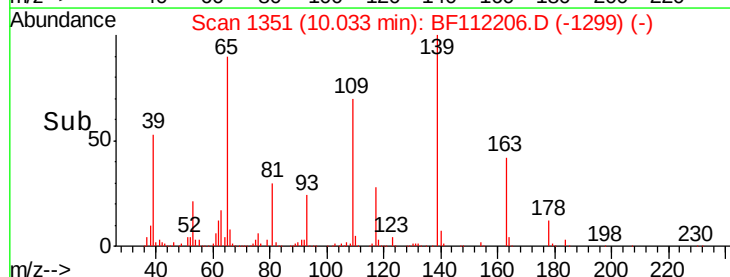
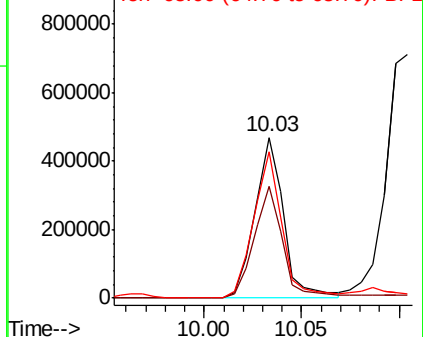


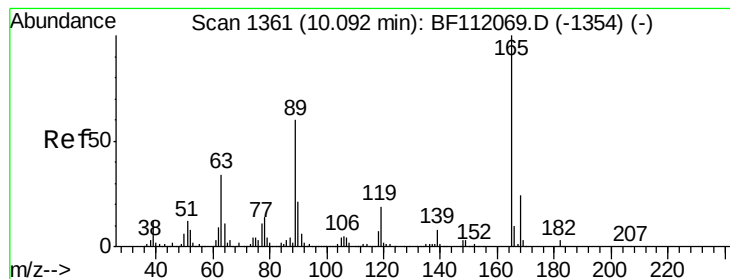
Abundance

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: 48.494 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 477522

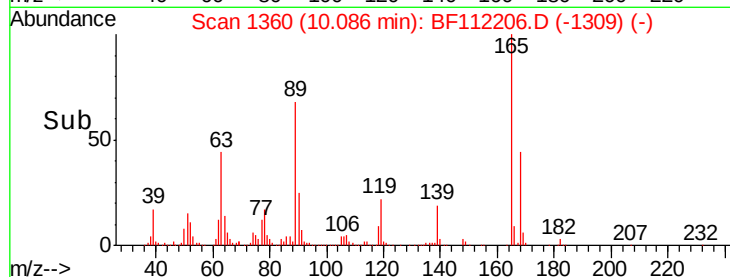
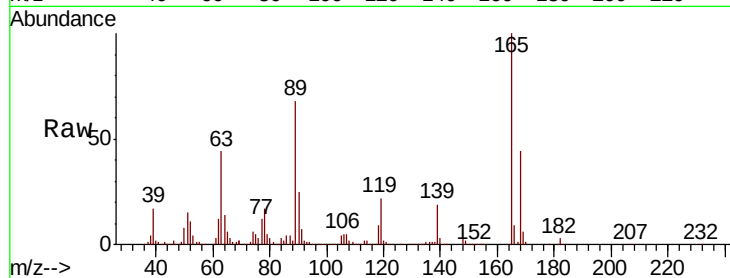
Ion Ratio Lower Upper

165 100

63 43.8 27.9 41.9#

89 67.7 47.9 71.9

182 2.9 2.2 3.4

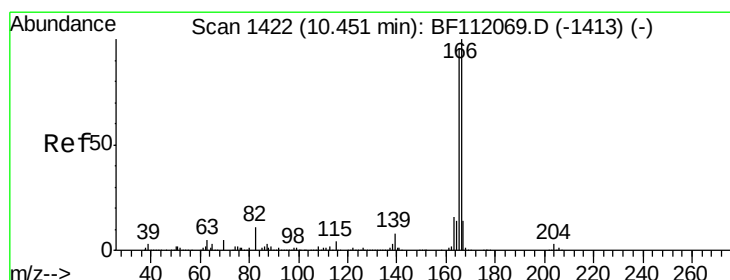
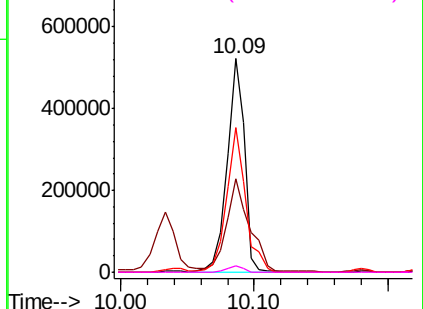


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.456 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

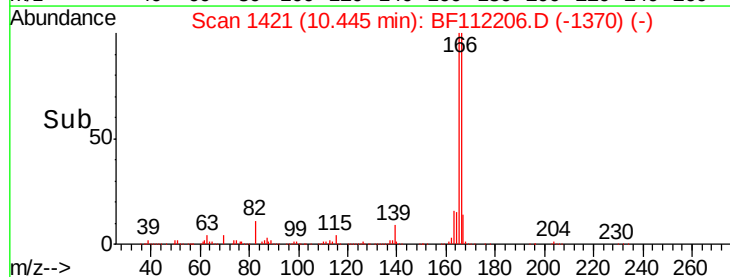
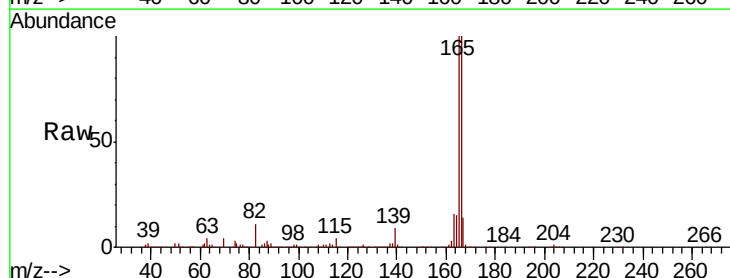
Tgt Ion:166 Resp: 1440234

Ion Ratio Lower Upper

166 100

165 99.9 77.1 115.7

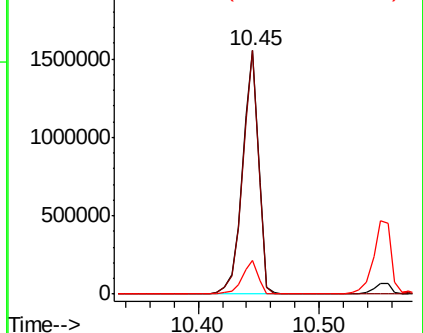
167 13.8 11.3 16.9

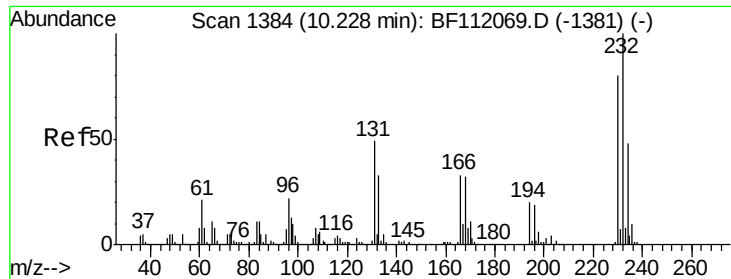


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

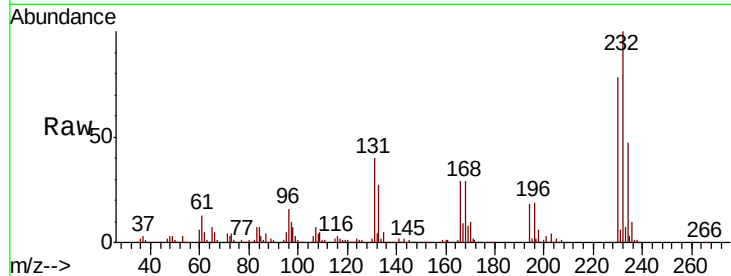




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.071 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	33.9	50.9
130	2.5	1.8	2.6
166	31.5	23.6	35.4



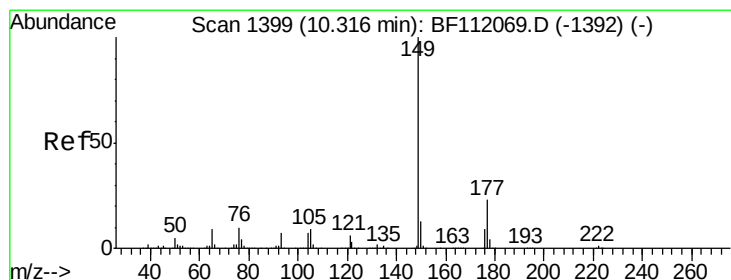
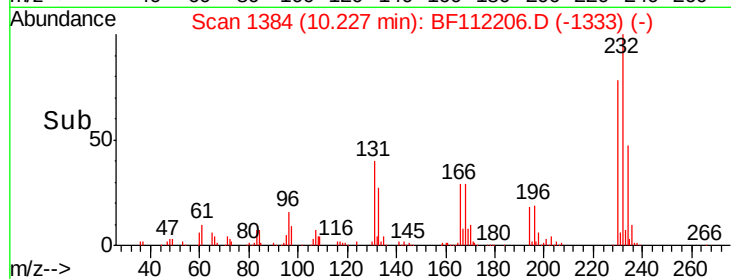
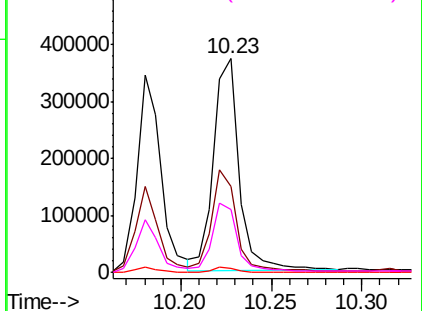
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

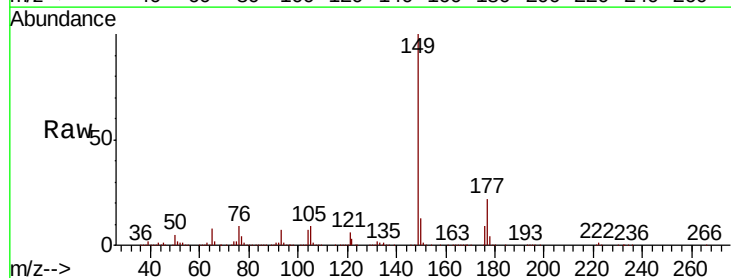
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.205 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.9	10.4	15.6

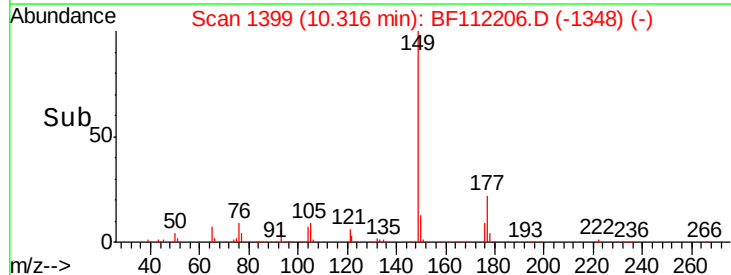
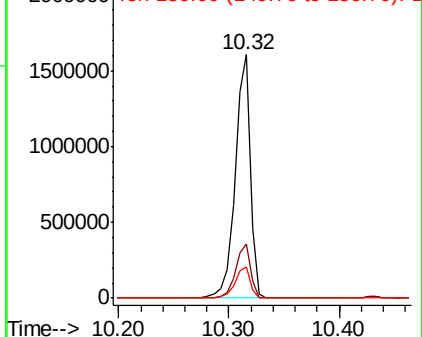


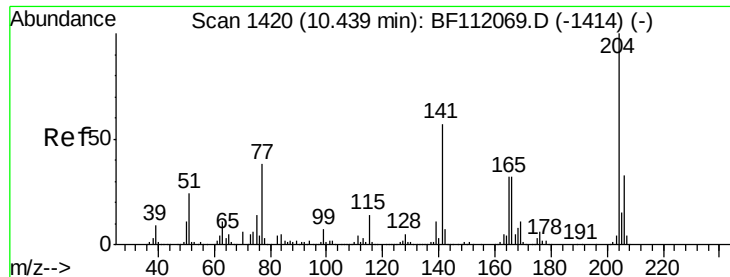
Abundance

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

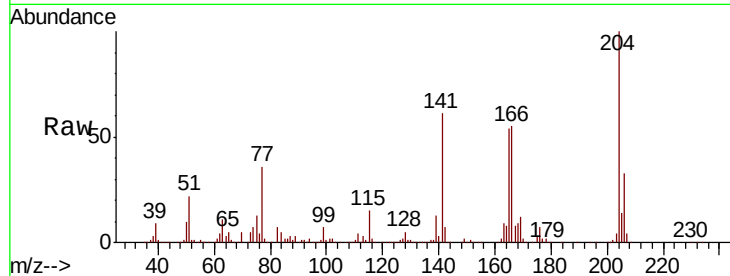




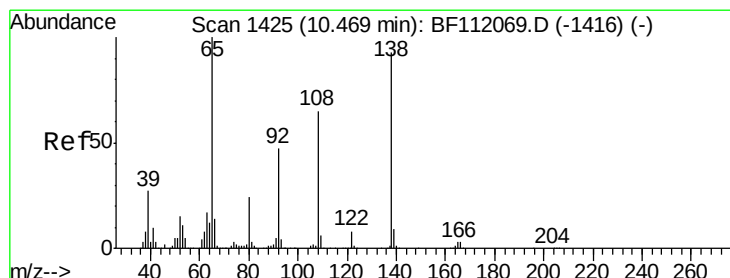
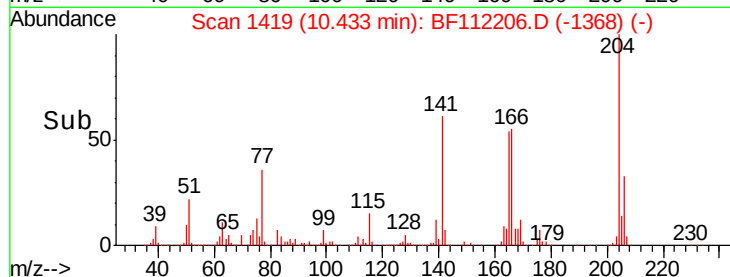
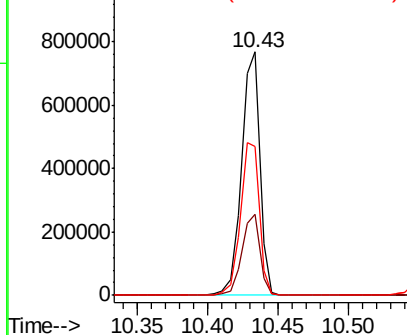
#61
4-Chlorophenyl-phenylether
Concen: 37.092 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 695361
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.9 45.9 68.9

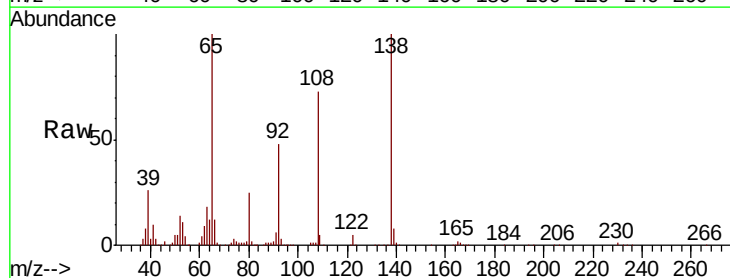


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

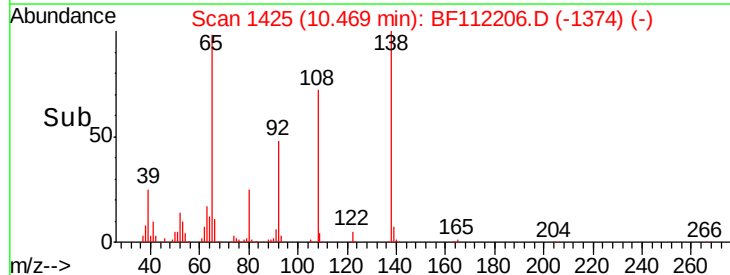
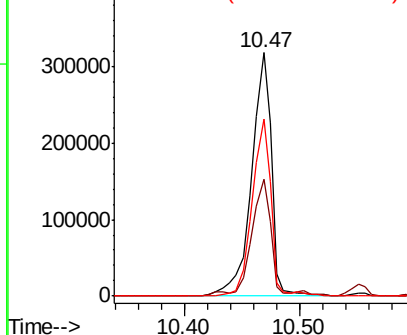


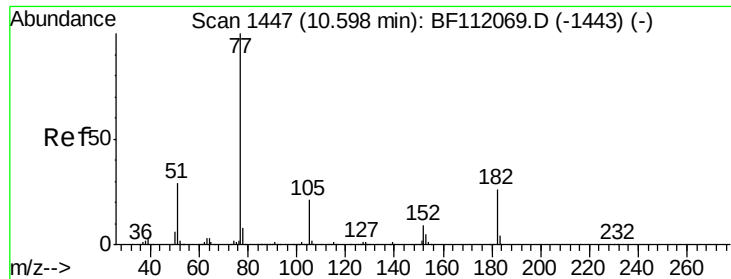
#62
4-Nitroaniline
Concen: 44.923 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:138 Resp: 382239
Ion Ratio Lower Upper
138 100
92 48.0 30.6 70.6
108 72.6 50.0 90.0



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





#63

Azobenzene

Concen: 37.793 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1355568

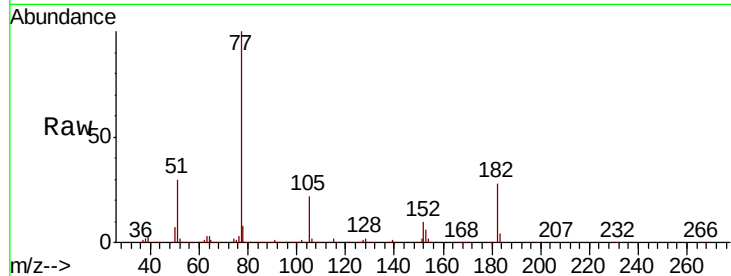
Ion Ratio Lower Upper

77 100

182 27.8 5.7 45.7

105 22.5 1.4 41.4

51 29.6 9.5 49.5

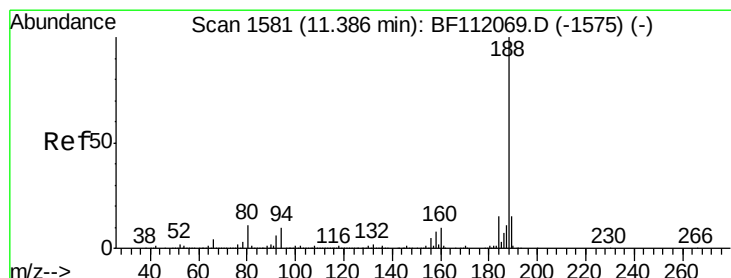
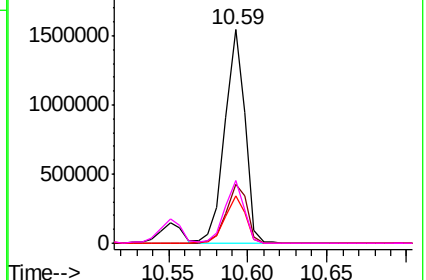
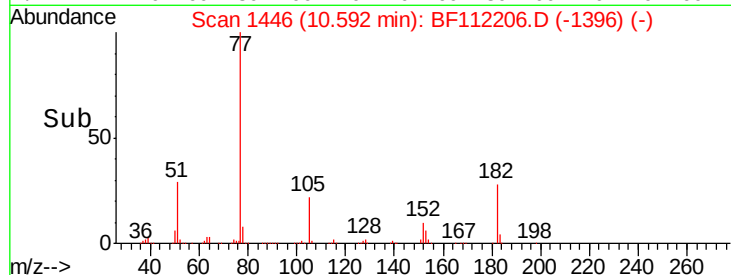


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

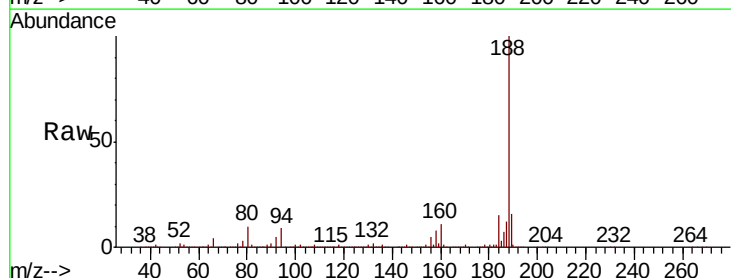
Tgt Ion: 188 Resp: 1044949

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

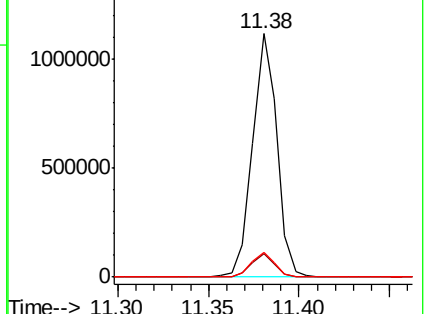
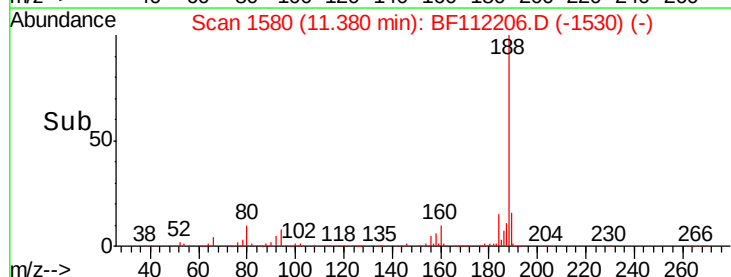
80 10.3 8.9 13.3

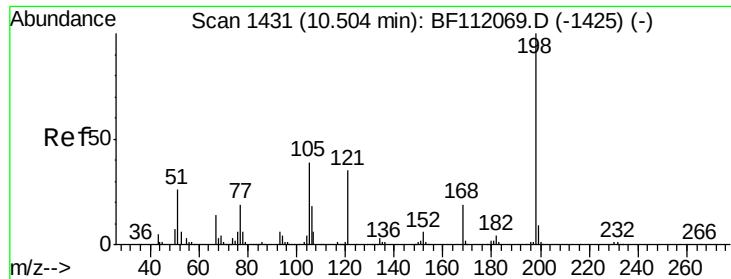


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

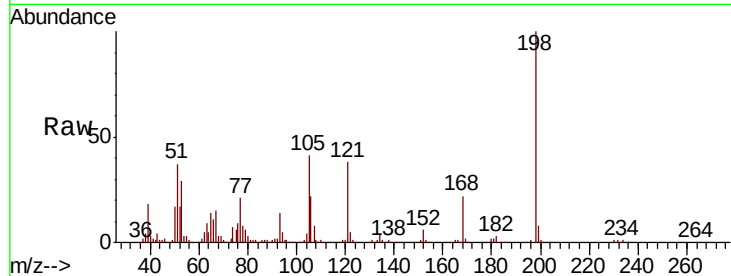




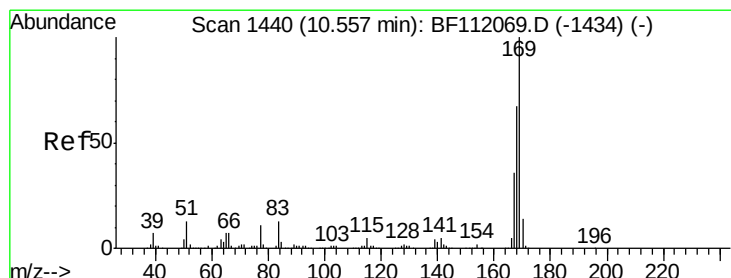
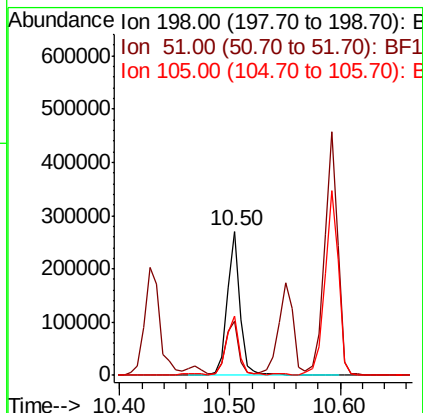
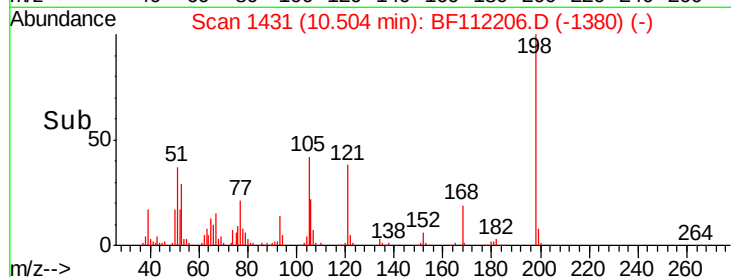
#65
4,6-Dinitro-2-methylphenol
Concen: 50.202 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 221338
Ion Ratio Lower Upper
198 100
51 37.1 17.2 57.2
105 41.5 21.9 61.9

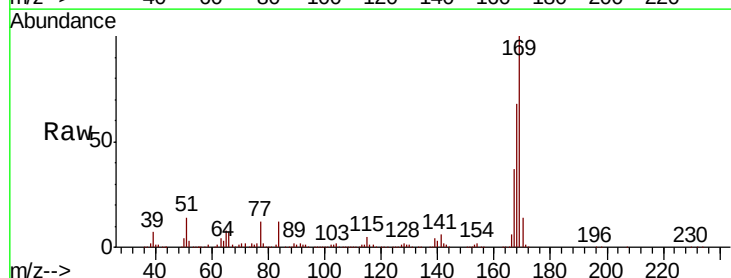


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

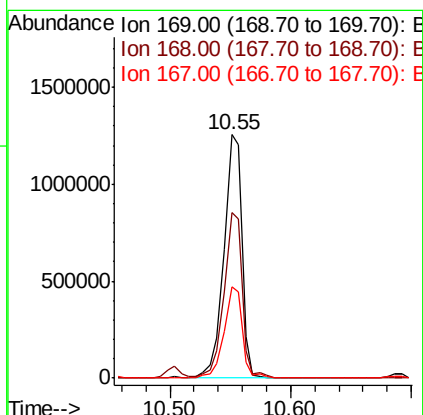
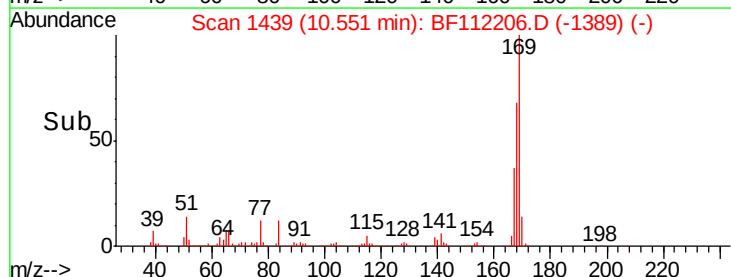


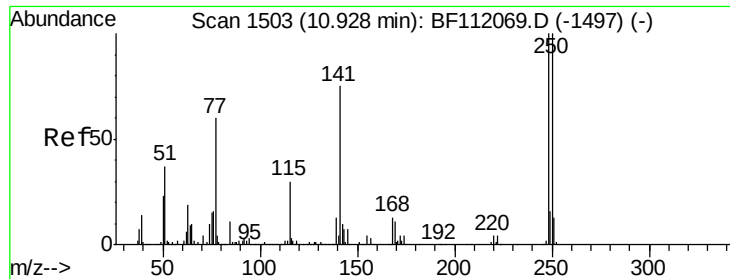
#66
n-Nitrosodiphenylamine
Concen: 37.621 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:169 Resp: 1299606
Ion Ratio Lower Upper
169 100
168 67.9 53.9 80.9
167 37.3 28.9 43.3



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

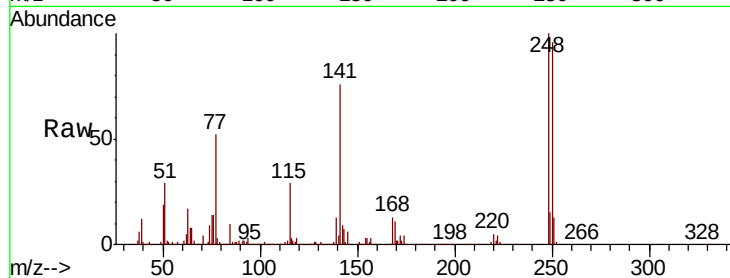




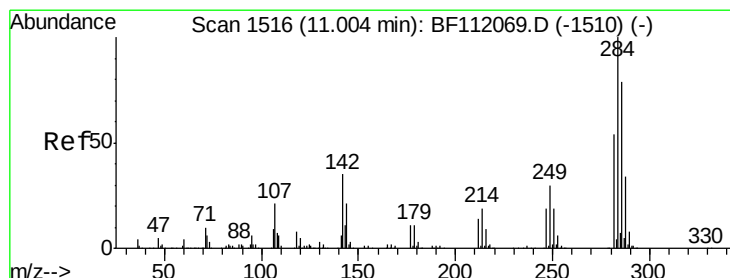
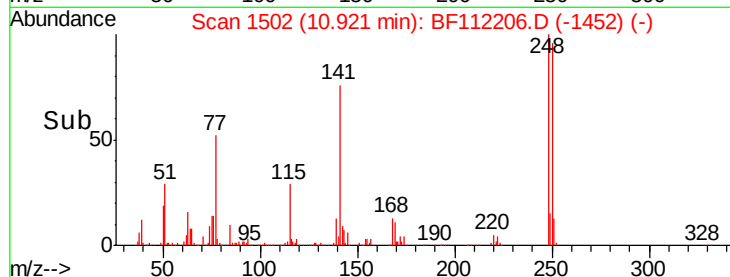
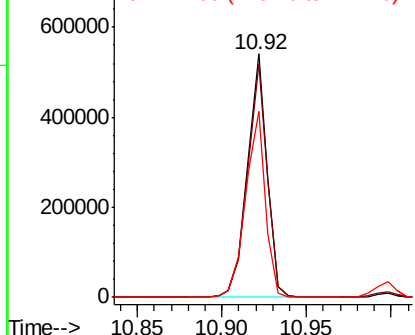
#67
4-Bromophenyl-phenylether
Concen: 36.642 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 444739
Ion Ratio Lower Upper
248 100
250 96.0 79.7 119.5
141 76.2 60.3 90.5

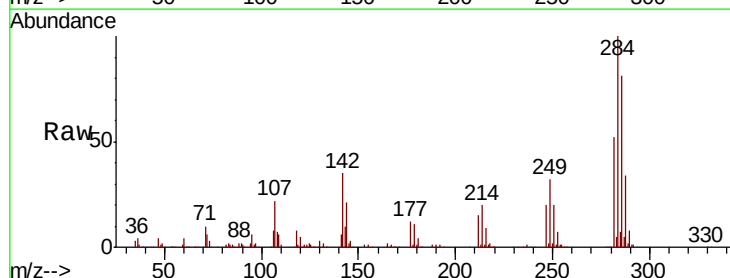


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

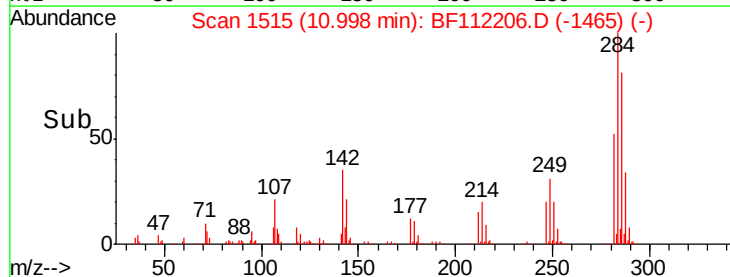
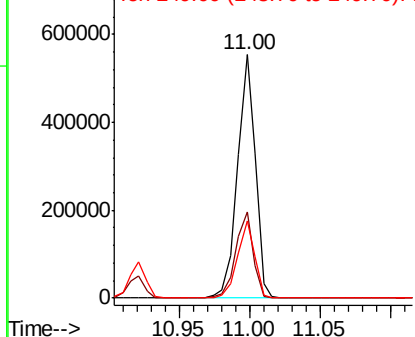


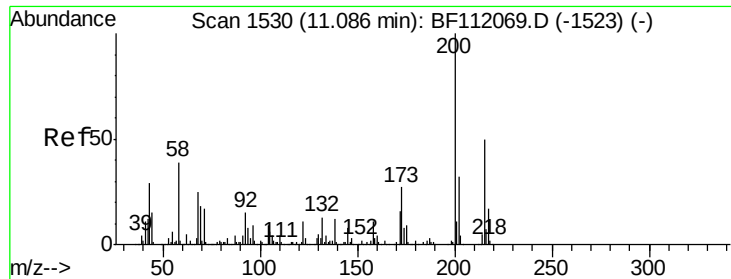
#68
Hexachlorobenzene
Concen: 37.047 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:284 Resp: 484381
Ion Ratio Lower Upper
284 100
142 35.2 27.6 41.4
249 31.6 24.1 36.1



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

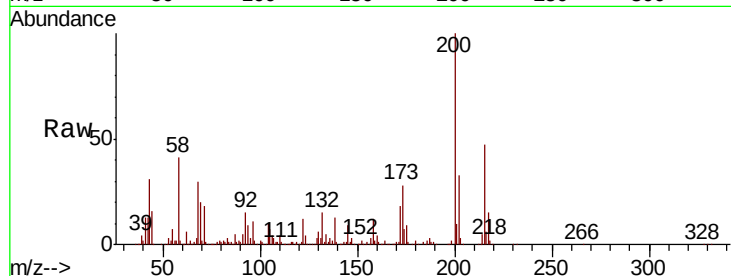




#69
Atrazine
Concen: 37.029 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.1	47.1
215	47.4	30.4	70.4

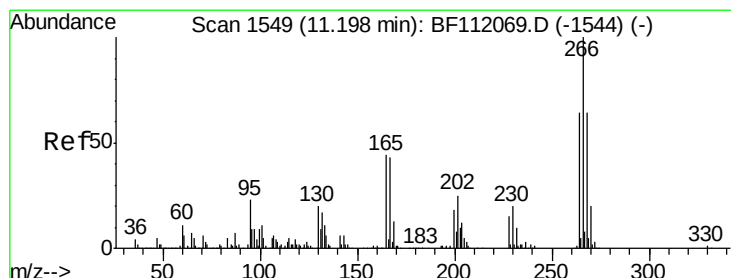
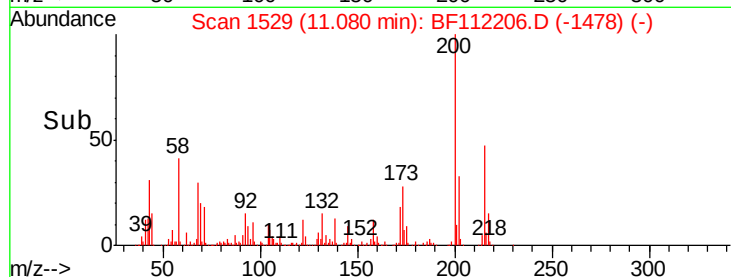
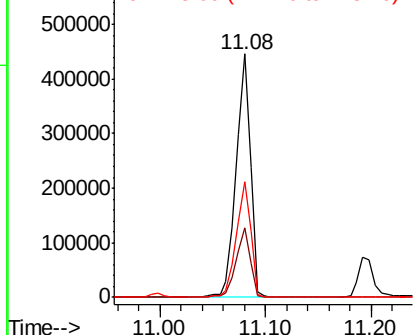


Abundance

Ion 200.00 (199.70 to 200.70): E

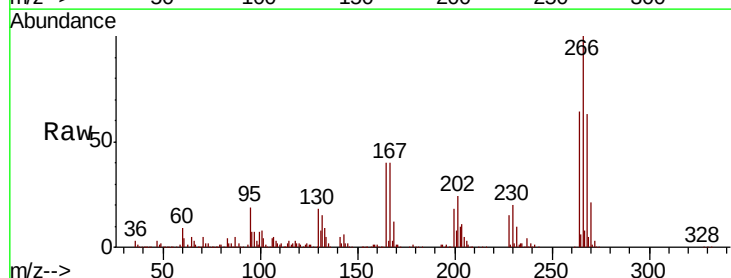
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.697 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.2	76.8
264	63.8	50.9	76.3

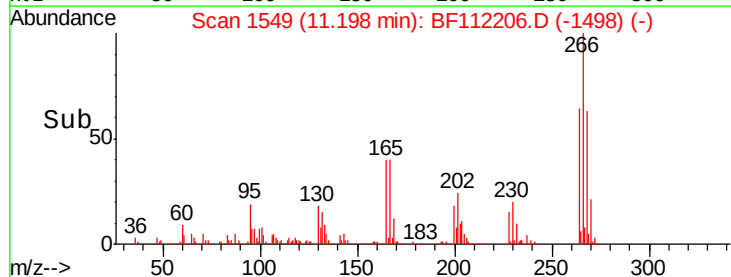
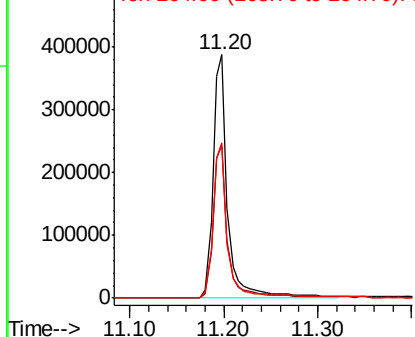


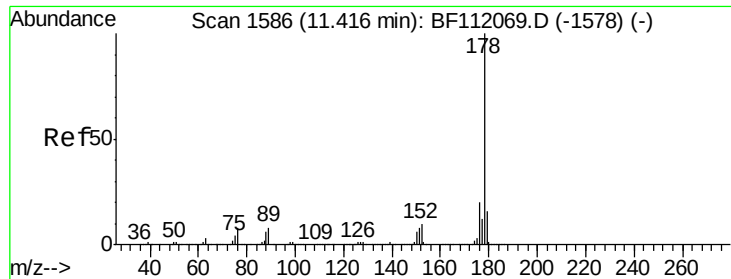
Abundance

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

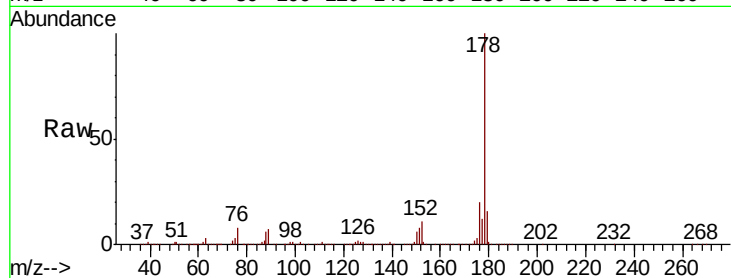




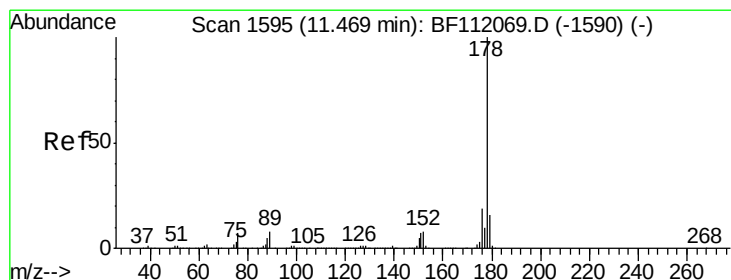
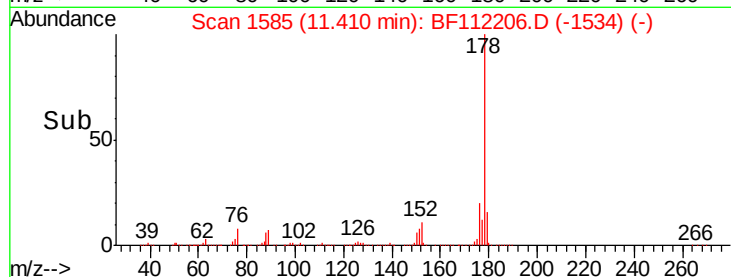
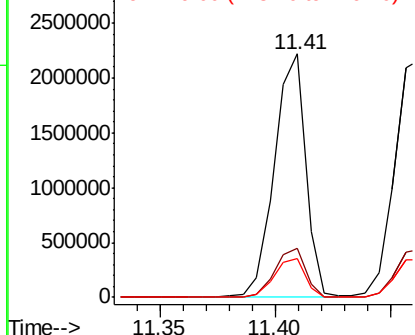
#71
Phenanthrene
Concen: 39.799 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 2092949
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.2 13.0 19.4

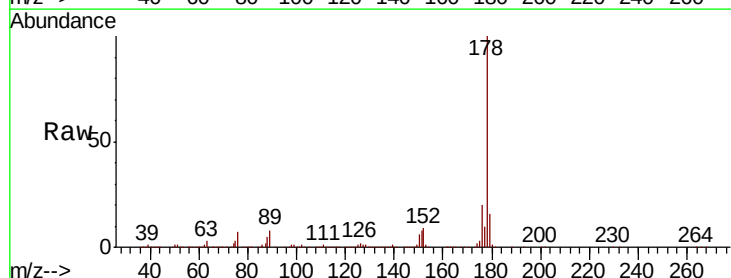


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

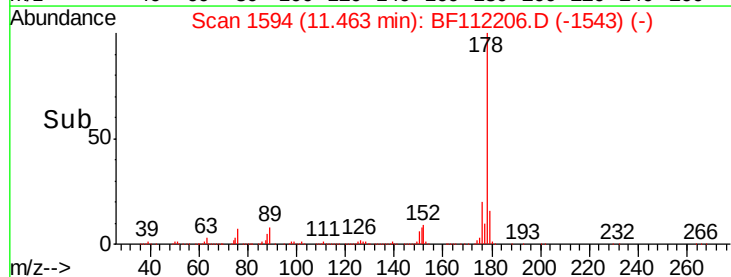
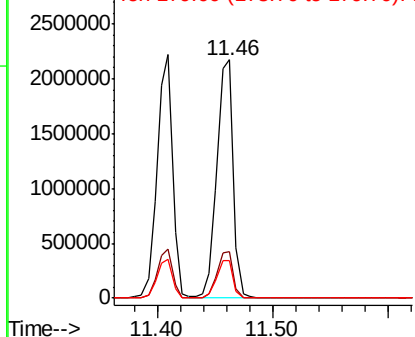


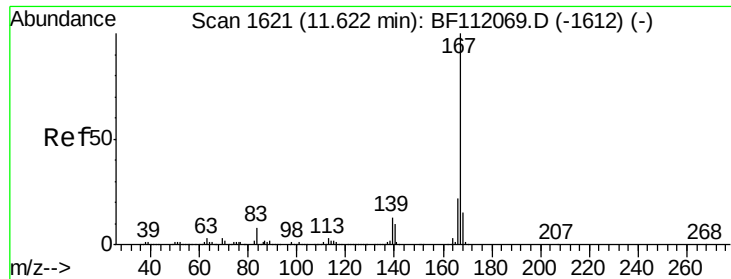
#72
Anthracene
Concen: 40.260 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:178 Resp: 2144692
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 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

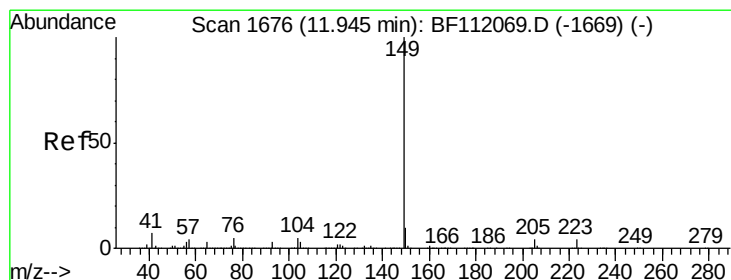
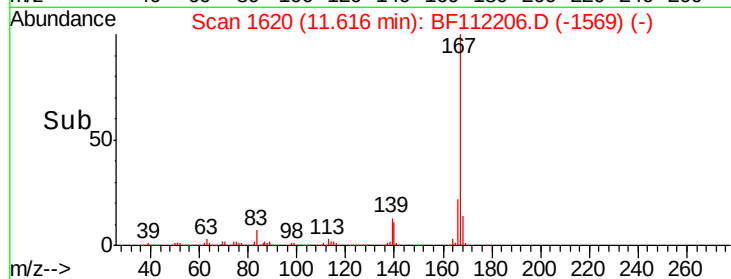
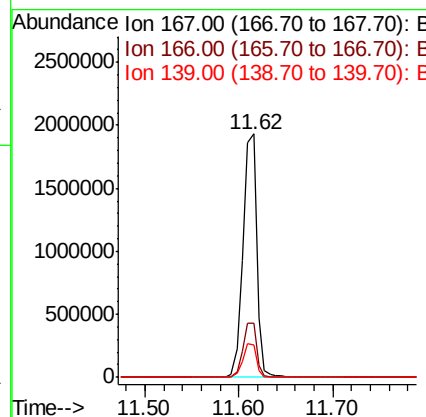
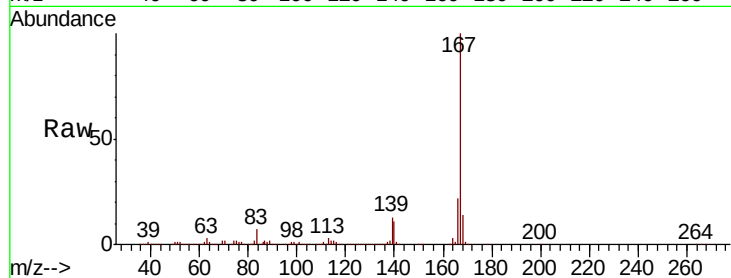




#73
 Carbazole
 Concen: 36.935 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

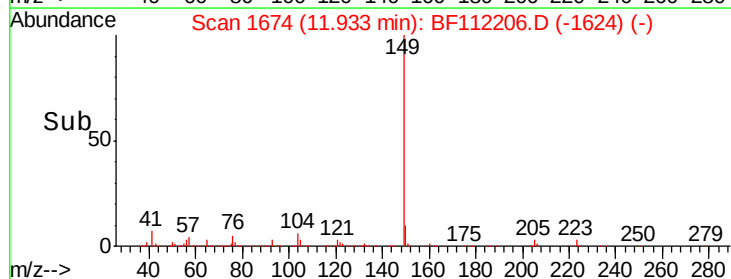
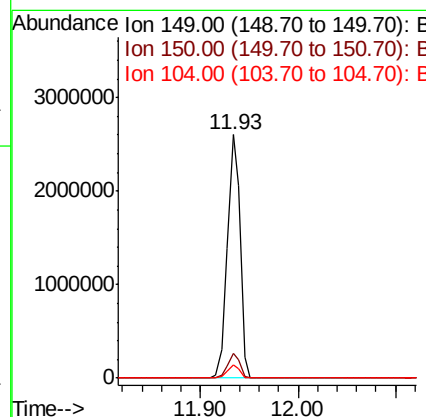
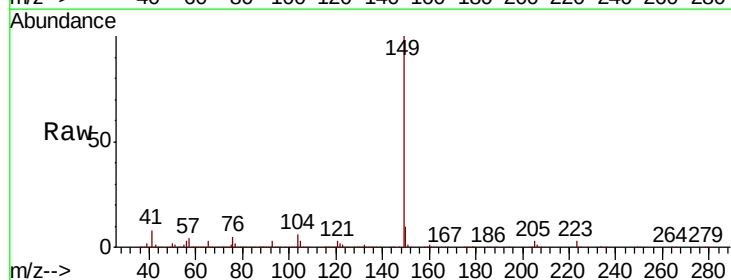
Instrument :
 BNA_F
 ClientSampled :

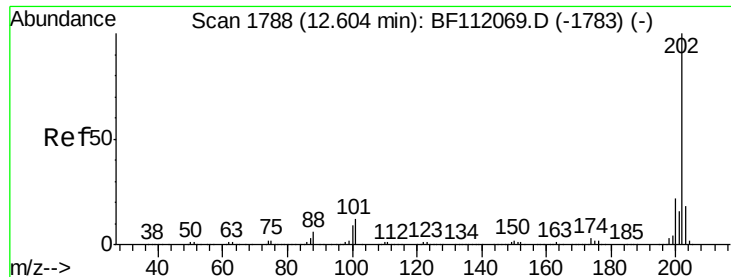
Tot Ion:167 Resp: 1971053
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 39.173 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112206.D
 Acq: 24 Jan 2019 13:56

Tgt Ion:149 Resp: 2351480
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.1 12.1
 104 5.6 3.9 5.9

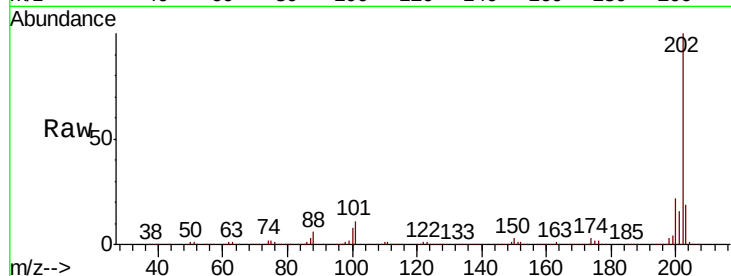




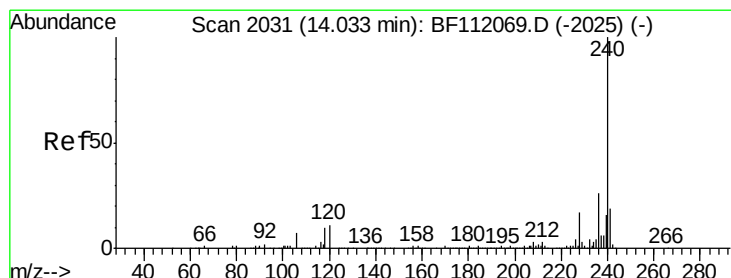
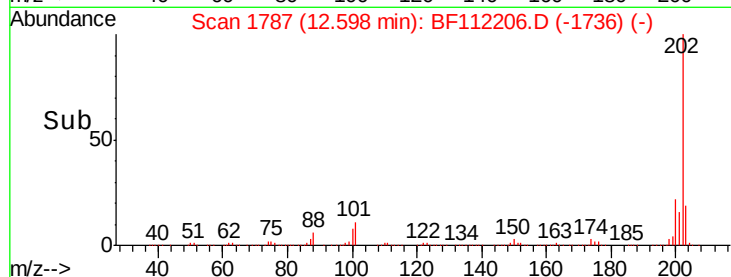
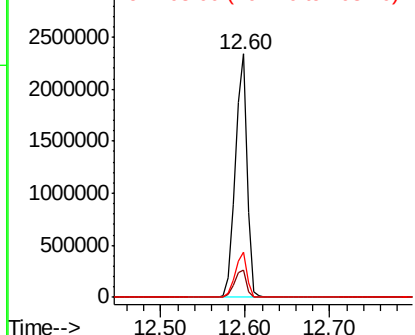
#75
Fluoranthene
Concen: 39.682 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2203312
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 18.5 0.0 38.4

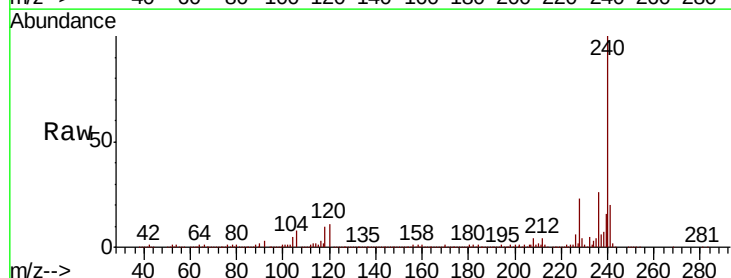


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

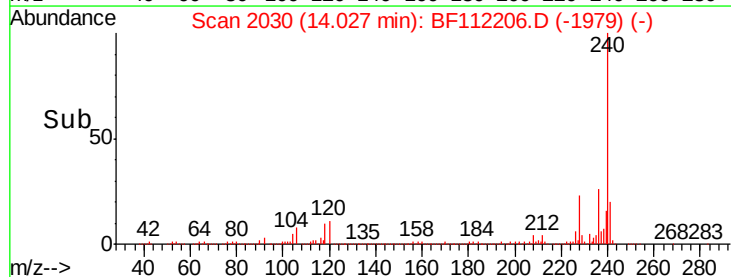
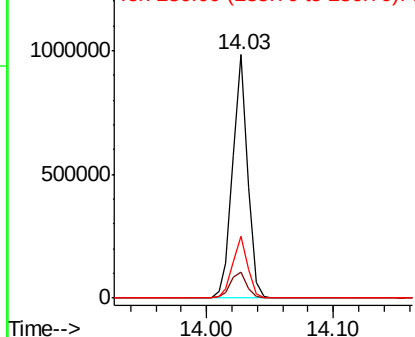


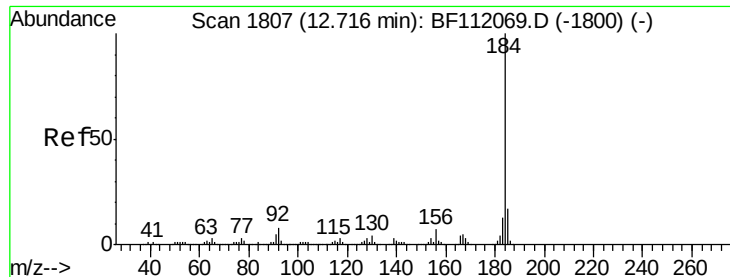
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:240 Resp: 798807
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.874 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

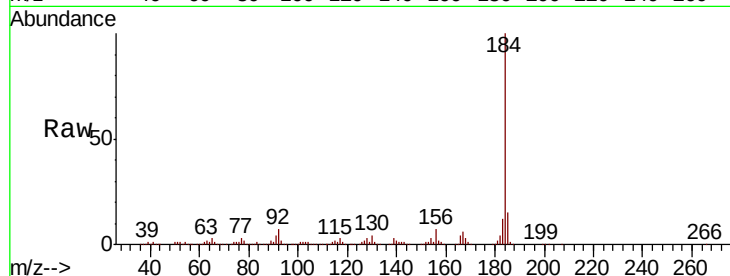
Tot Ion:184 Resp: 636284

Ion Ratio Lower Upper

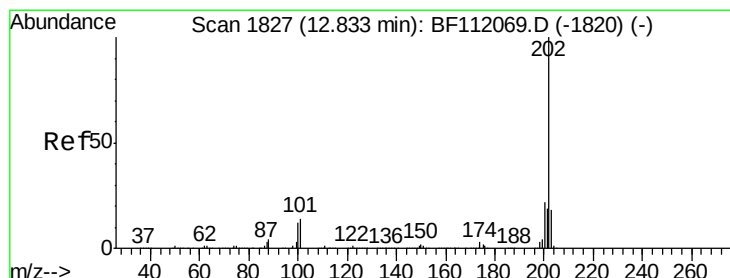
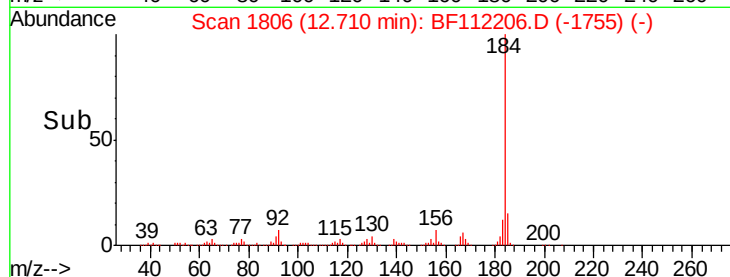
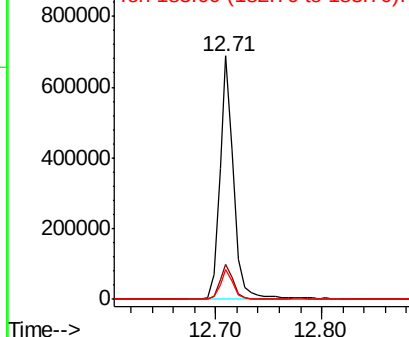
184 100

185 14.6 13.9 20.9

183 12.2 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.603 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

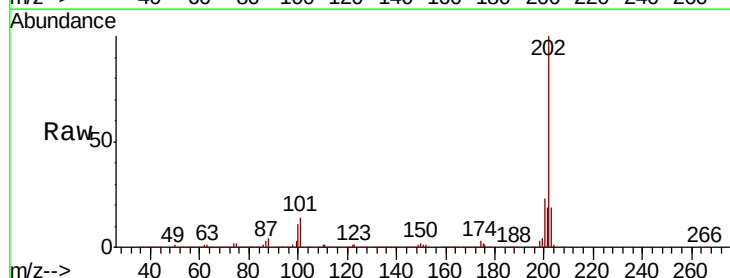
Tgt Ion:202 Resp: 2192583

Ion Ratio Lower Upper

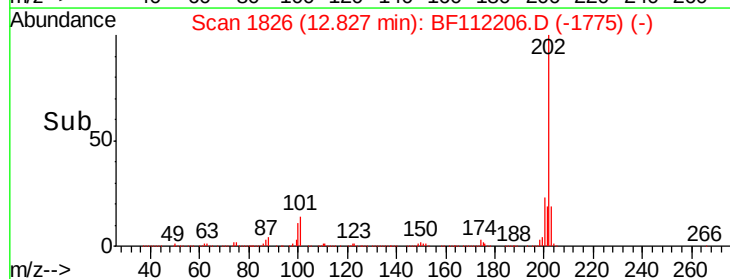
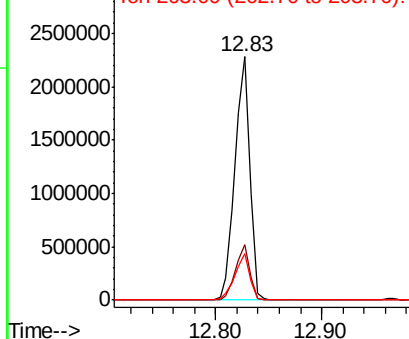
202 100

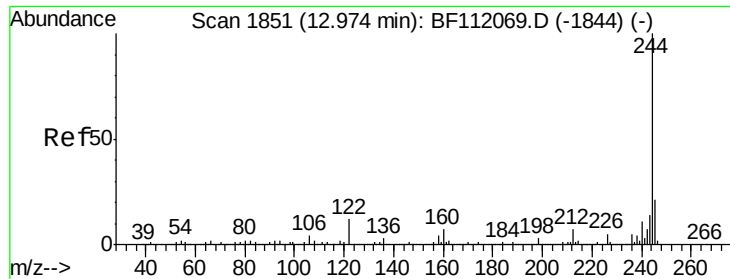
200 22.7 17.7 26.5

203 18.9 14.6 22.0



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: 81.065 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampleId :

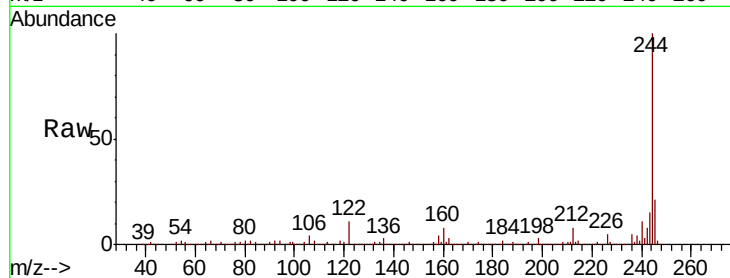
Tot Ion:244 Resp: 3043903

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

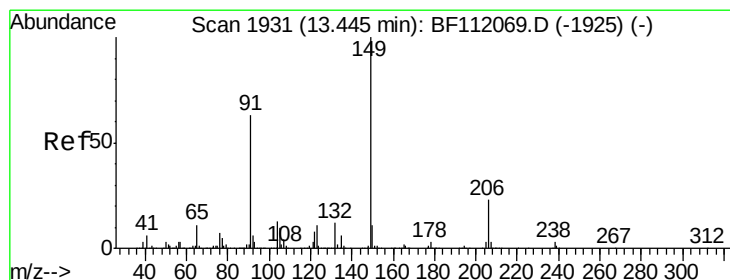
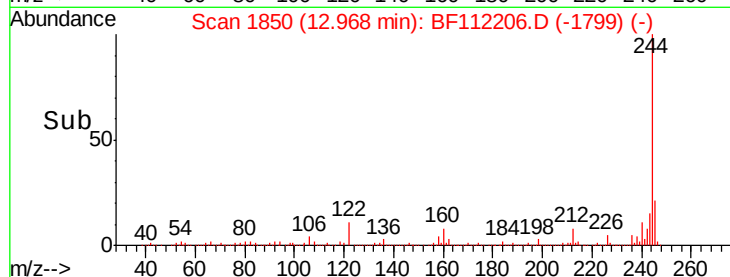
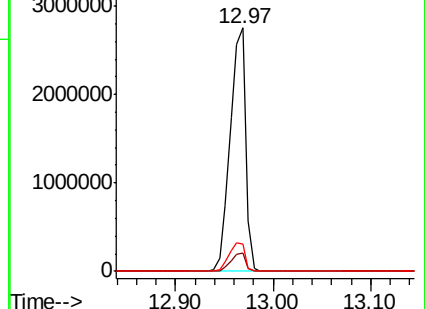
122 11.1 9.8 14.6



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: 43.792 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

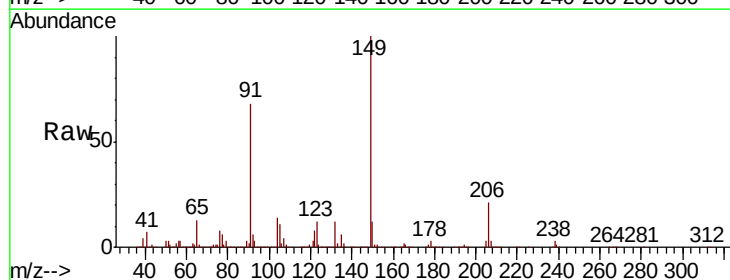
Tgt Ion:149 Resp: 1012496

Ion Ratio Lower Upper

149 100

91 68.2 50.3 75.5

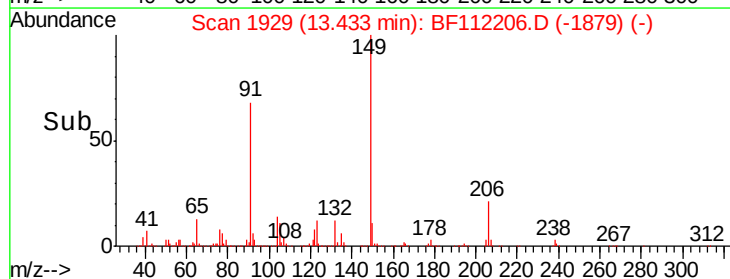
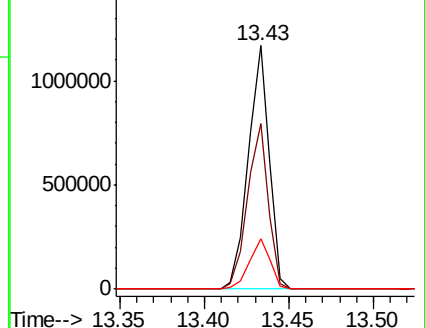
206 20.5 18.2 27.4

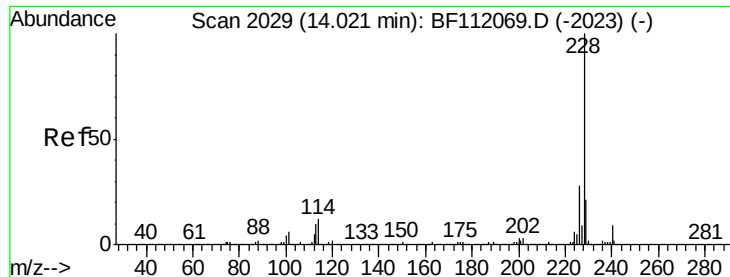


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.951 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

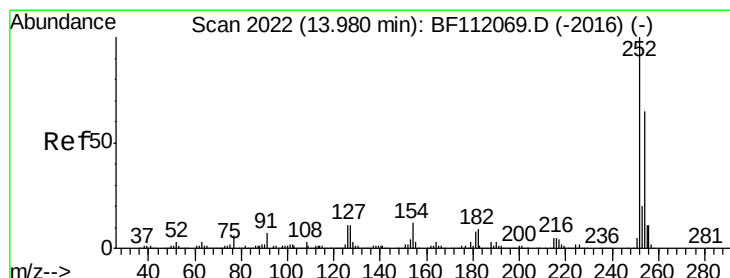
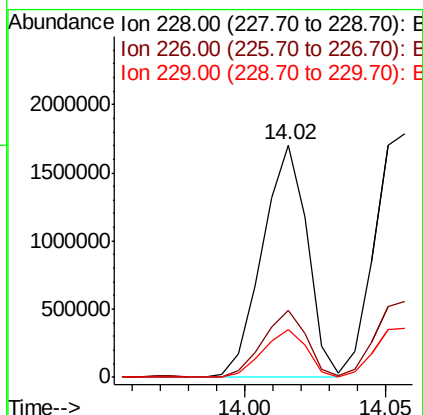
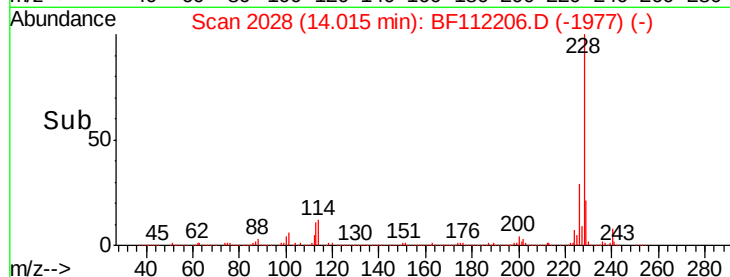
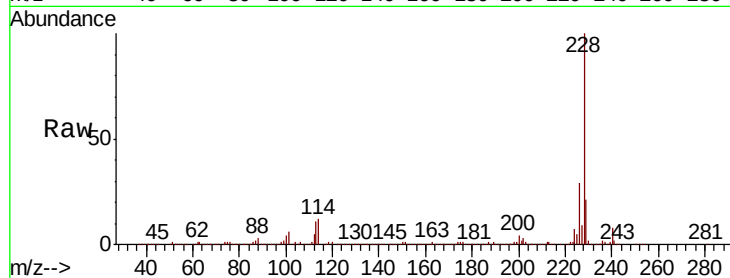
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1875587

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	20.8	16.5	24.7



#82

3,3'-Dichlorobenzidine

Concen: 30.607 ng

RT: 13.97 min Scan# 2021

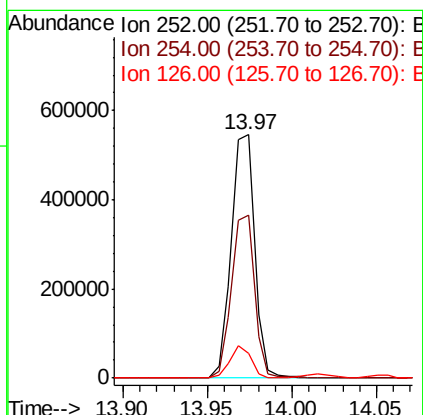
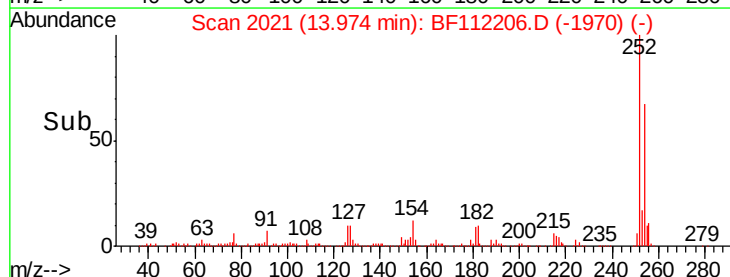
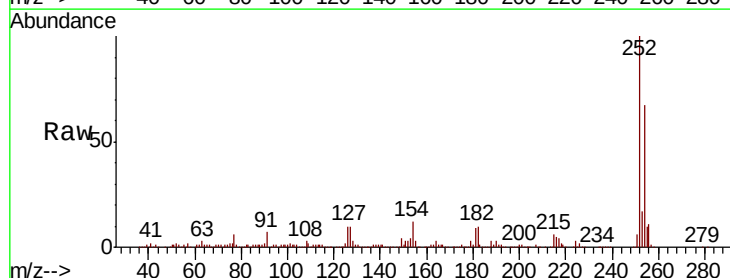
Delta R.T. 0.00 min

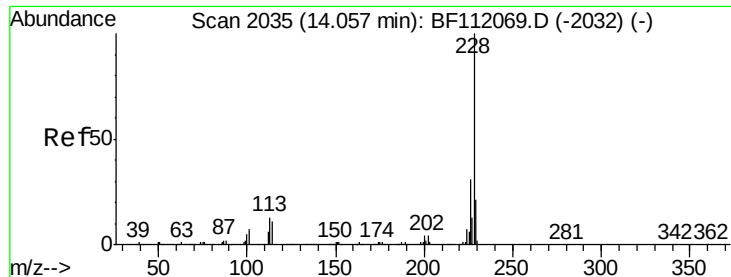
Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Tgt Ion:252 Resp: 524988

Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.6	77.4
126	9.9	8.6	12.8

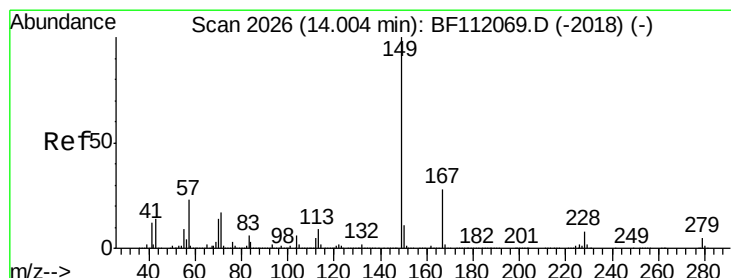
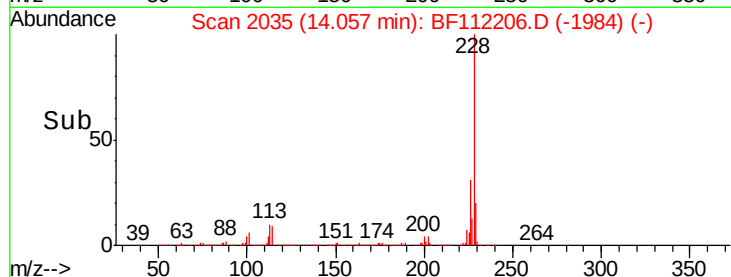
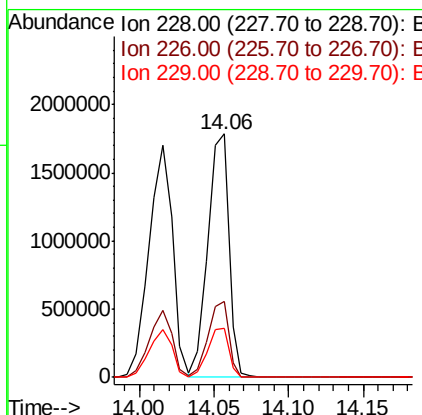
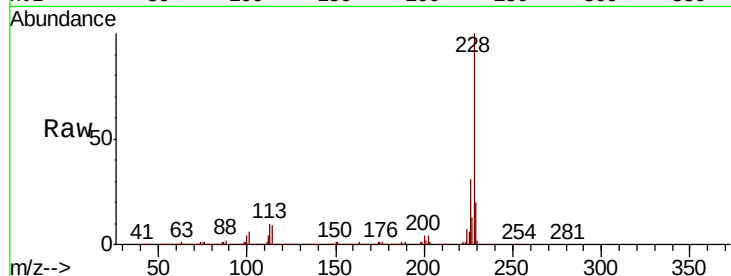




#83
Chrysene
Concen: 40.297 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

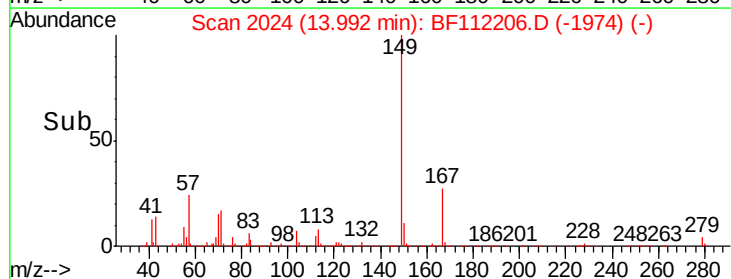
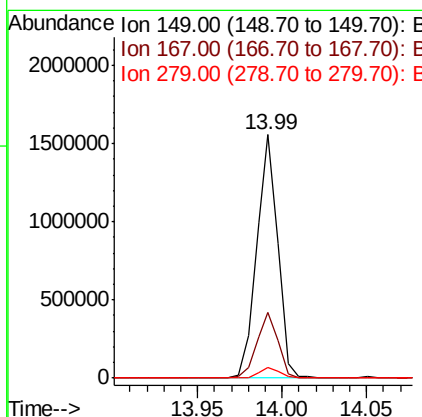
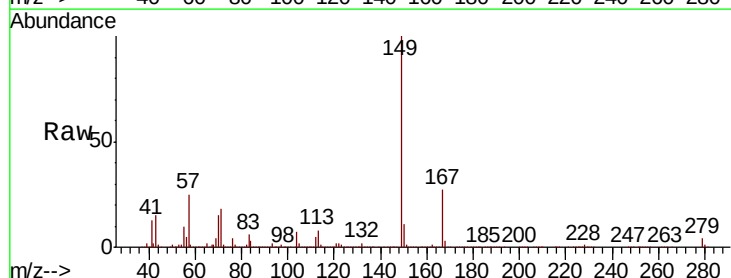
Instrument :
BNA_F
ClientSampleId :

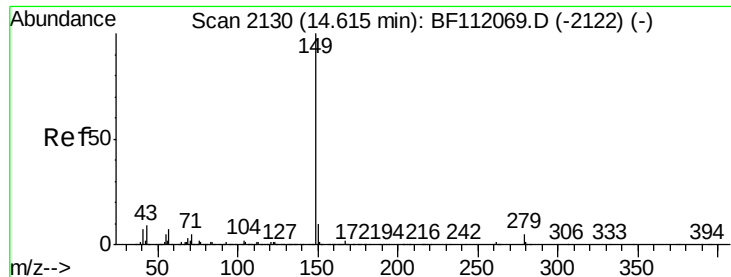
Tot Ion:228 Resp: 1746388
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.0 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.783 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:149 Resp: 1351374
Ion Ratio Lower Upper
149 100
167 27.2 22.5 33.7
279 4.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 40.329 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Instrument :

BNA_F

ClientSampled :

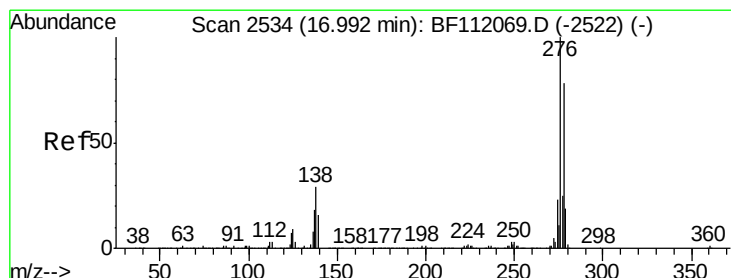
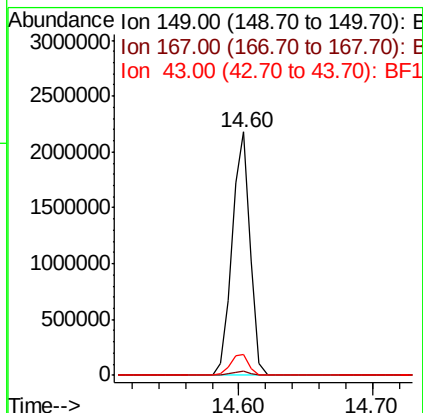
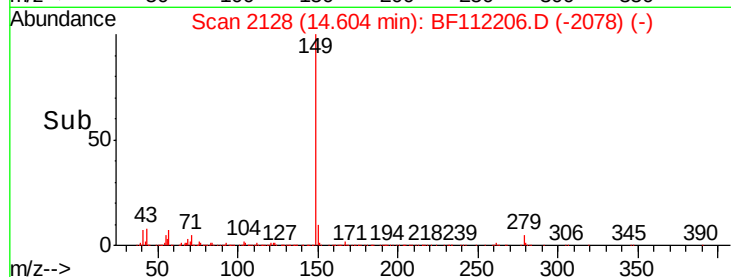
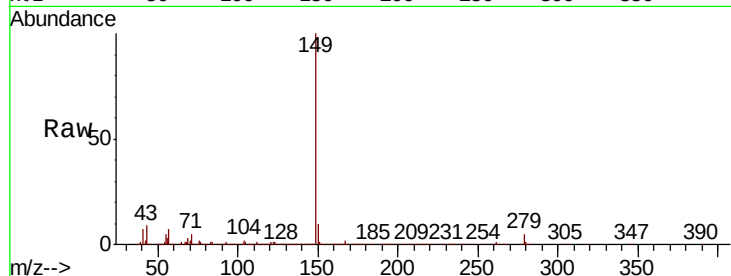
Tot Ion:149 Resp: 2058976

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.8 11.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.988 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

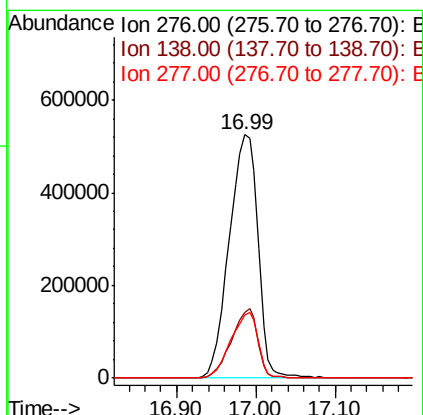
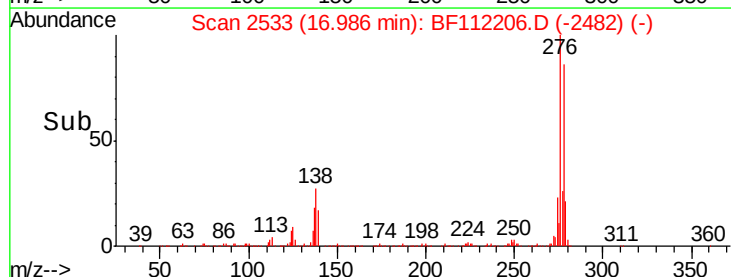
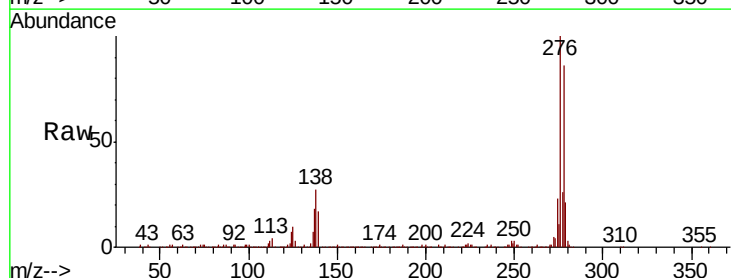
Tgt Ion:276 Resp: 1318981

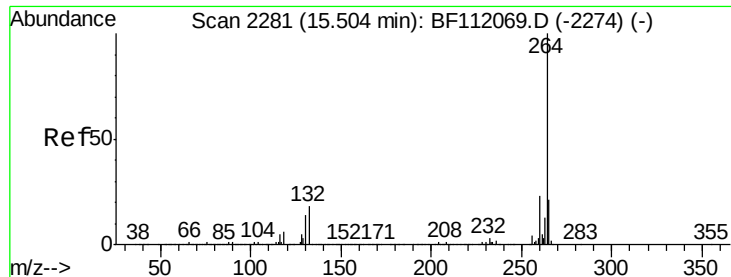
Ion Ratio Lower Upper

276 100

138 26.3 22.6 34.0

277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

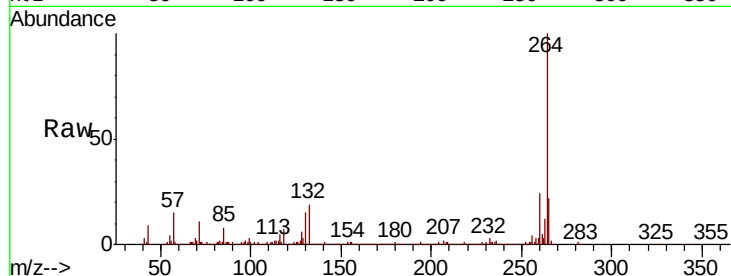
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 549970

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	17.0	25.4

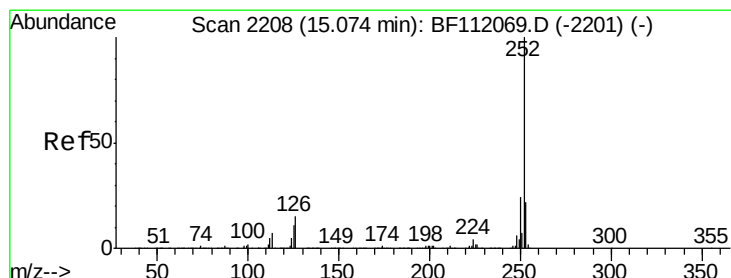
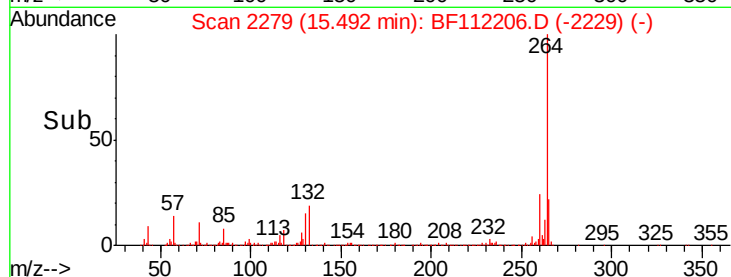
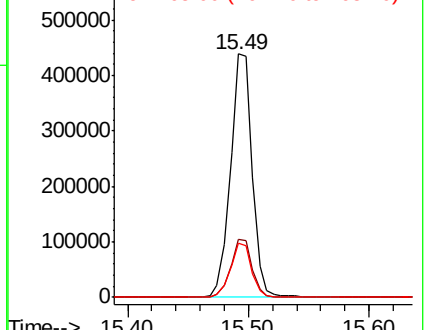


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.694 ng

RT: 15.07 min Scan# 2207

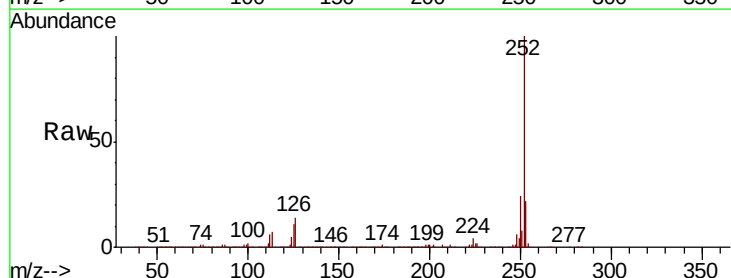
Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Tgt Ion:252 Resp: 1520167

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.9	8.7	13.1

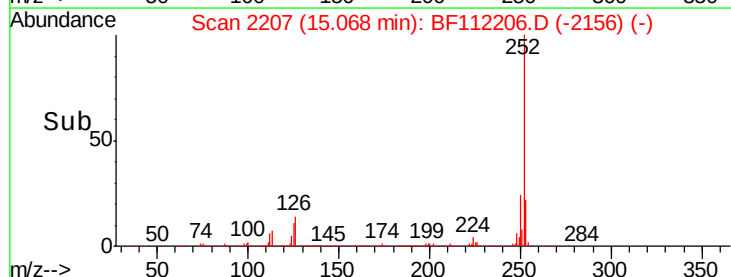
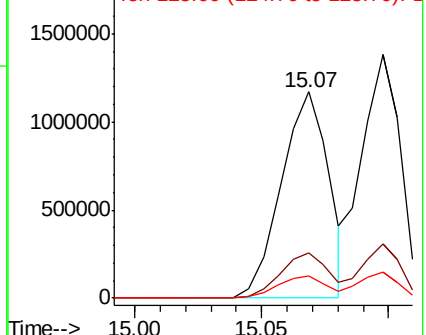


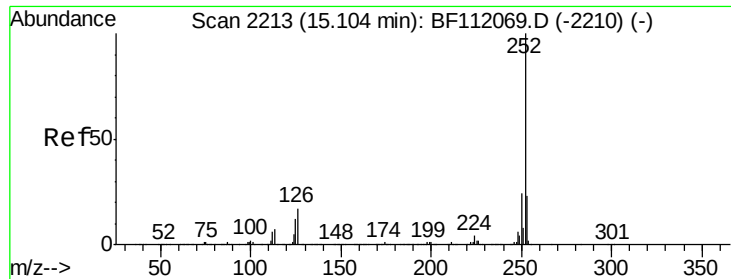
Abundance

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

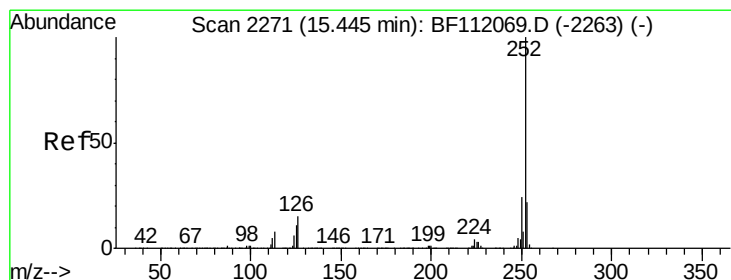
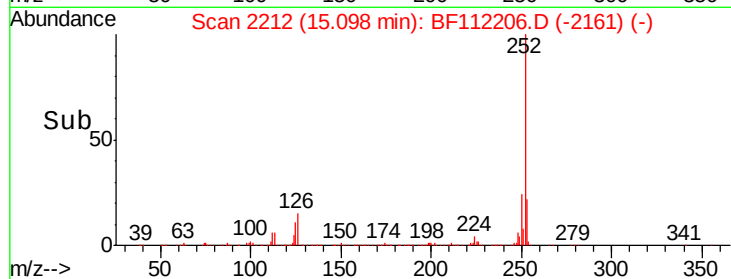
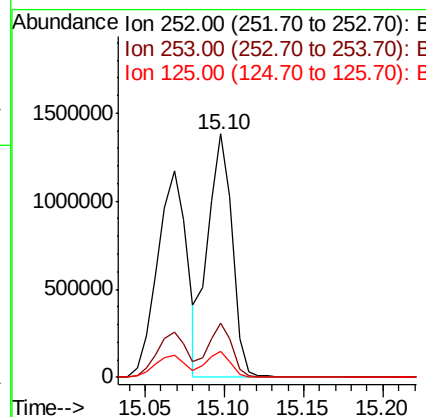
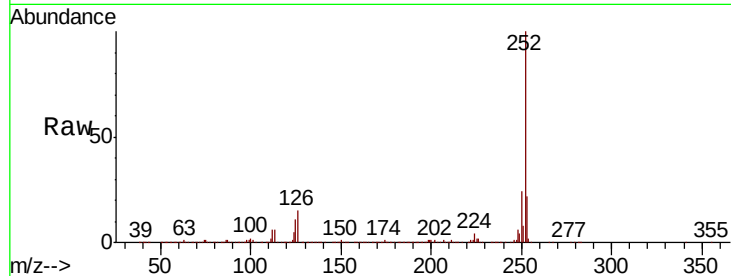




#89
Benzo(k)fluoranthene
Concen: 49.166 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

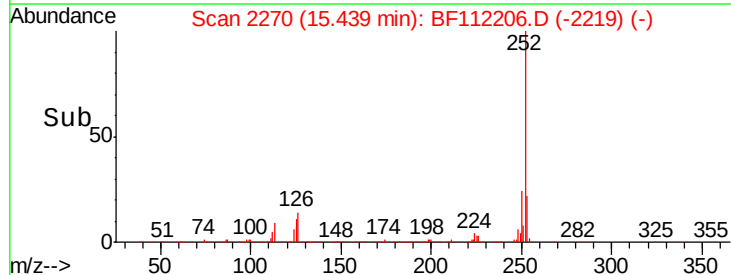
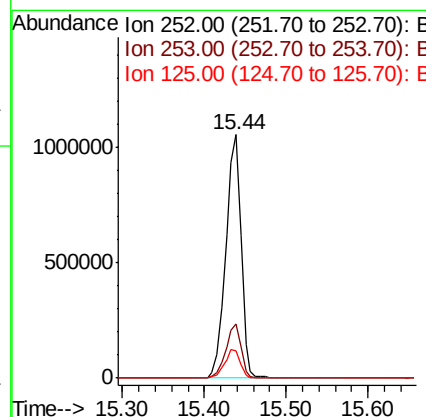
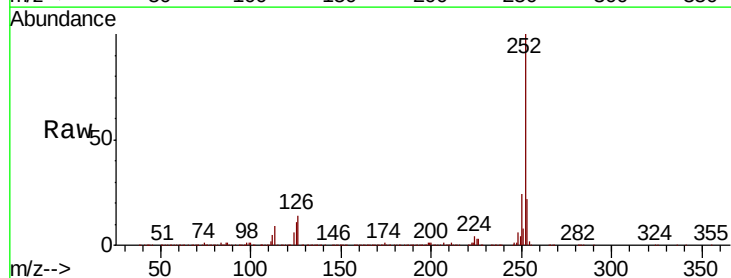
Instrument :
BNA_F
ClientSampleId :

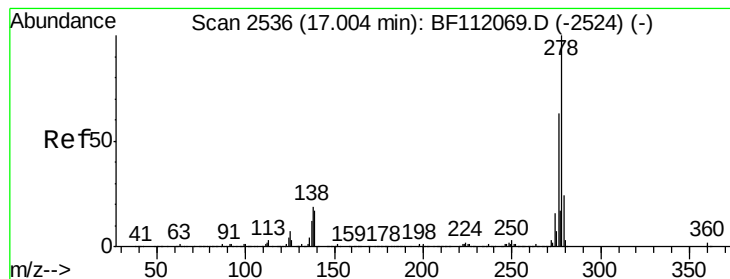
Tot Ion:252 Resp: 1485581
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.005 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112206.D
Acq: 24 Jan 2019 13:56

Tgt Ion:252 Resp: 1374376
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 42.974 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

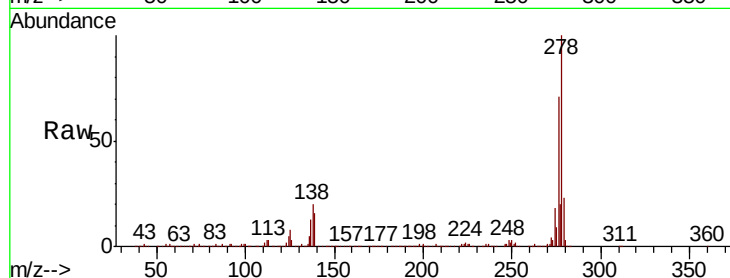
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1092746

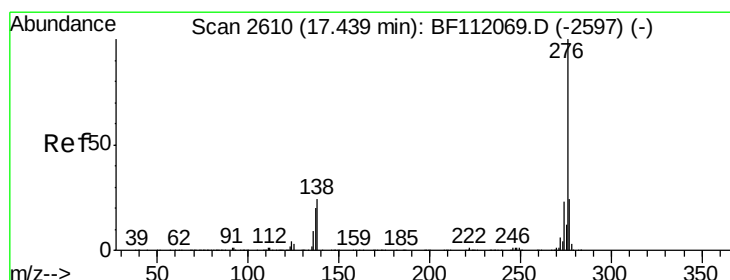
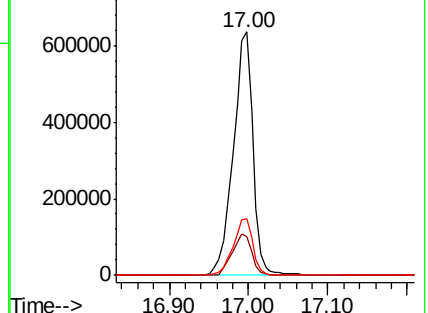
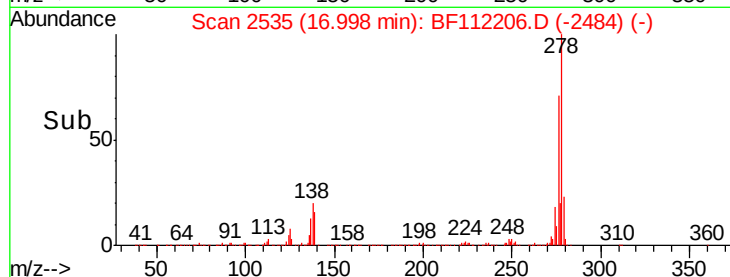
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.7	20.5
279	23.3	19.0	28.6



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: 43.534 ng

RT: 17.43 min Scan# 2609

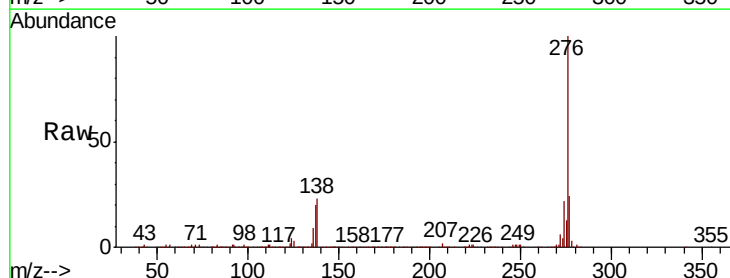
Delta R.T. 0.01 min

Lab File: BF112206.D

Acq: 24 Jan 2019 13:56

Tgt Ion:276 Resp: 1090563

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	23.4	19.1	28.7



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

