

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113816.D
 Acq On : 18 Apr 2019 14:35
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 16:06:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	181515	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	717877	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	369729	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	720674	20.00	ng	0.00
76) Chrysene-d12	14.04	240	612532	20.00	ng	0.00
87) Perylene-d12	15.51	264	493818	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	893322	81.83	ng	0.00
7) Phenol-d6	6.52	99	1123417	82.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	997715	84.63	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344496	84.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1867511	77.03	ng	0.00
79) Terphenyl-d14	13.00	244	2231656	76.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	216607	39.877	ng	99
3) Pyridine	3.45	79	610491	40.847	ng	99
4) n-Nitrosodimethylamine	3.40	42	210735	40.400	ng	99
6) Aniline	6.56	93	779719	40.362	ng	100
8) 2-Chlorophenol	6.68	128	502437	41.010	ng	99
9) Benzaldehyde	6.44	77	325609	41.859	ng	98
10) Phenol	6.53	94	630980	41.346	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	503088	40.609	ng	100
12) 1,3-Dichlorobenzene	6.84	146	557046	40.923	ng	99
13) 1,4-Dichlorobenzene	6.91	146	562642	41.315	ng	97
14) 1,2-Dichlorobenzene	7.07	146	523859	41.741	ng	99
15) Benzyl Alcohol	7.03	79	459151	41.633	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	611569	40.699	ng	100
17) 2-Methylphenol	7.14	107	406426	40.612	ng	99
18) Hexachloroethane	7.42	117	198998	40.746	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	365675	40.242	ng	96
20) 3+4-Methylphenols	7.29	107	504946	41.994	ng	98
22) Acetophenone	7.30	105	666858	40.772	ng	99
24) Nitrobenzene	7.47	77	553188	41.753	ng	99
25) Isophorone	7.72	82	976639	40.013	ng	100
26) 2-Nitrophenol	7.79	139	236097	44.856	ng	91
27) 2,4-Dimethylphenol	7.82	122	411476	40.946	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	625214	40.310	ng	100
29) 2,4-Dichlorophenol	8.03	162	435895	40.709	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	490470	41.237	ng	99
31) Naphthalene	8.20	128	1403214	41.325	ng	100
32) Benzoic acid	7.93	122	197500	31.939	ng	97
33) 4-Chloroaniline	8.24	127	587005	40.750	ng	99
34) Hexachlorobutadiene	8.32	225	298469	41.073	ng	99
35) Caprolactam	8.61	113	138976	40.207	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	434138	40.889	ng	100
37) 2-Methylnaphthalene	8.89	142	921977	40.924	ng	99
38) 1-Methylnaphthalene	8.99	142	895059	40.943	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	482381	41.112	ng	100

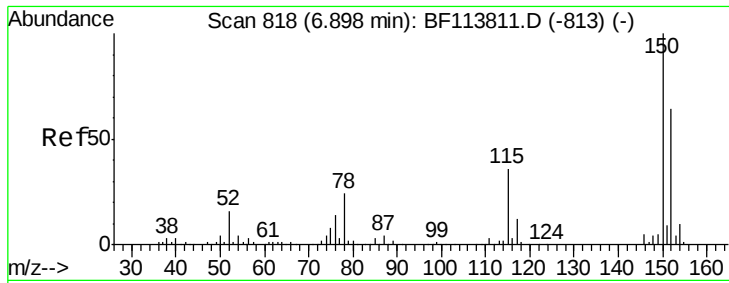
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261935	40.610	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	307111	40.663	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	339227	41.620	ng	100
46) 1,1'-Biphenyl	9.35	154	1157660	41.378	ng	100
47) 2-Chloronaphthalene	9.38	162	937886	40.950	ng	100
48) 2-Nitroaniline	9.46	65	262153	43.987	ng	98
49) Acenaphthylene	9.79	152	1466122	40.928	ng	100
50) Dimethylphthalate	9.65	163	1060571	40.989	ng	100
51) 2,6-Dinitrotoluene	9.71	165	243207	42.591	ng	99
52) Acenaphthene	9.97	154	867944	41.307	ng	99
53) 3-Nitroaniline	9.87	138	261837	43.303	ng	99
54) 2,4-Dinitrophenol	9.97	184	78798	42.155	ng	82
55) Dibenzofuran	10.14	168	1305776	41.485	ng	100
56) 4-Nitrophenol	10.02	139	215187	43.731	ng	98
57) 2,4-Dinitrotoluene	10.11	165	311553	43.977	ng	97
58) Fluorene	10.48	166	957560	40.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	284902	40.963	ng	98
60) Diethylphthalate	10.35	149	1019111	41.097	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	495744	41.230	ng	99
62) 4-Nitroaniline	10.49	138	244285	41.999	ng	100
63) Azobenzene	10.63	77	1043854	40.964	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	120776	41.624	ng	99
66) n-Nitrosodiphenylamine	10.59	169	882691	40.406	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	342799	40.506	ng	98
68) Hexachlorobenzene	11.03	284	377941	40.608	ng	99
69) Atrazine	11.11	200	273152	40.414	ng	99
70) Pentachlorophenol	11.22	266	221748	42.028	ng	97
71) Phenanthrene	11.44	178	1489329	40.576	ng	99
72) Anthracene	11.49	178	1513154	40.910	ng	99
73) Carbazole	11.64	167	1370912	40.823	ng	99
74) Di-n-butylphthalate	11.97	149	1519252	40.649	ng	100
75) Fluoranthene	12.62	202	1610851	41.411	ng	100
77) Benzidine	12.74	184	807127	46.034	ng	98
78) Pyrene	12.85	202	1629182	37.740	ng	99
80) Butylbenzylphthalate	13.47	149	630489	39.427	ng	99
81) Benzo(a)anthracene	14.03	228	1425977	39.825	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	540661	42.484	ng #	97
83) Chrysene	14.07	228	1433495	40.336	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	768173	40.153	ng #	98
85) Di-n-octyl phthalate	14.64	149	1282768	43.216	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1076624	37.109	ng	99
88) Benzo(b)fluoranthene	15.09	252	1271386	41.299	ng	99
89) Benzo(k)fluoranthene	15.12	252	1175627	41.929	ng	100
90) Benzo(a)pyrene	15.45	252	1106911	40.664	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	892576	36.852	ng	99
92) Benzo(g,h,i)perylene	17.43	276	873517	35.483	ng	99

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

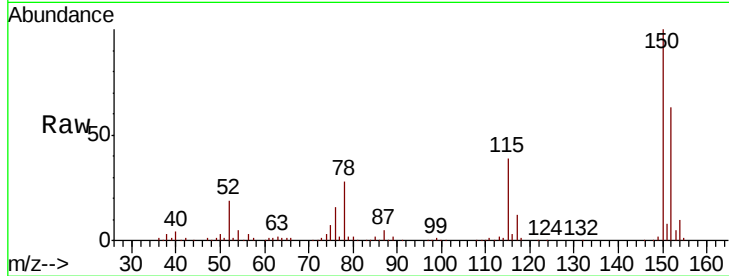


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.9	188.9
115	62.6	45.9	68.9

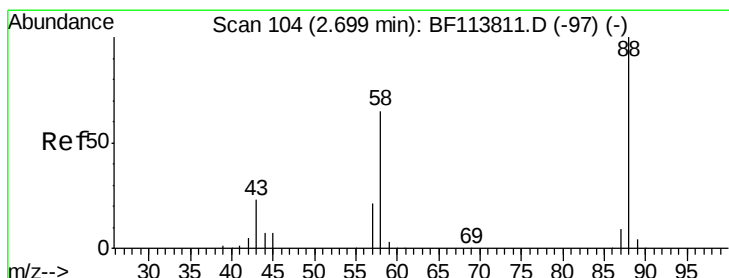
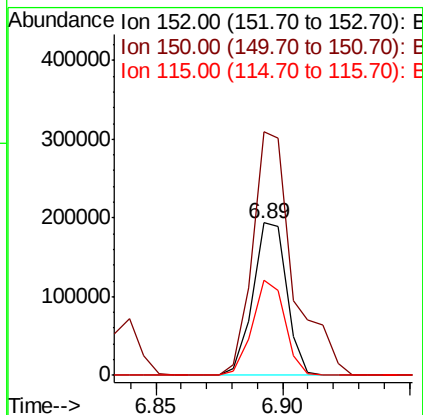
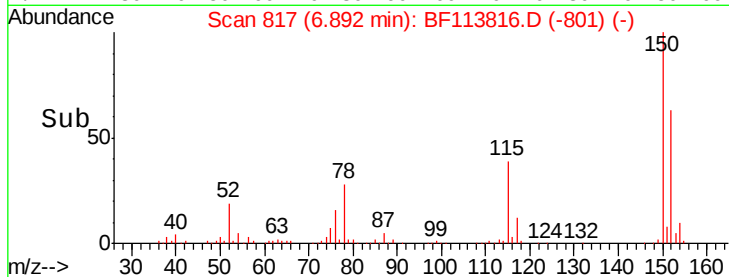


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

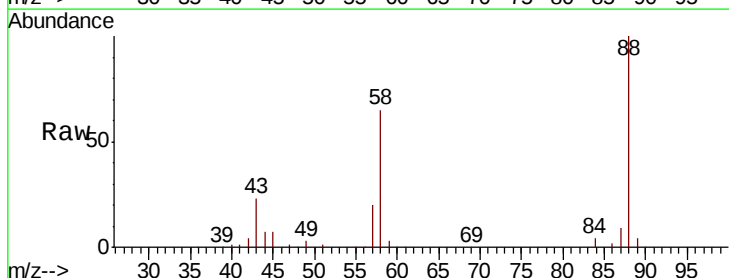
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.877 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	53.3	79.9
43	23.2	19.0	28.4

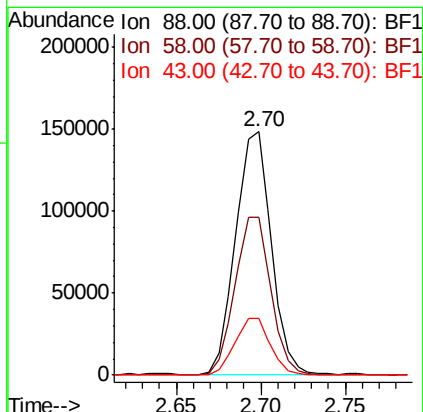
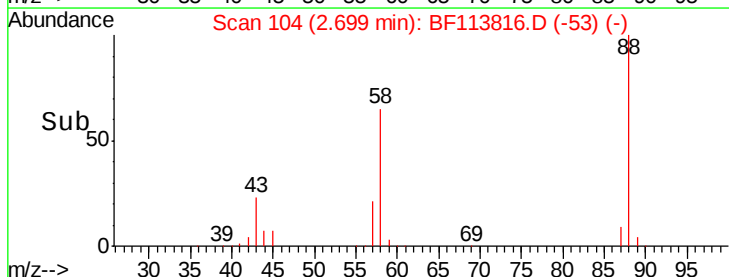


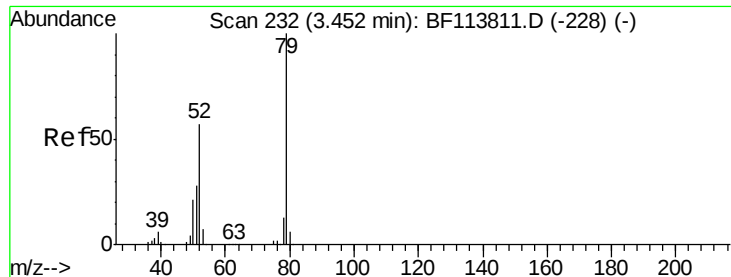
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.847 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

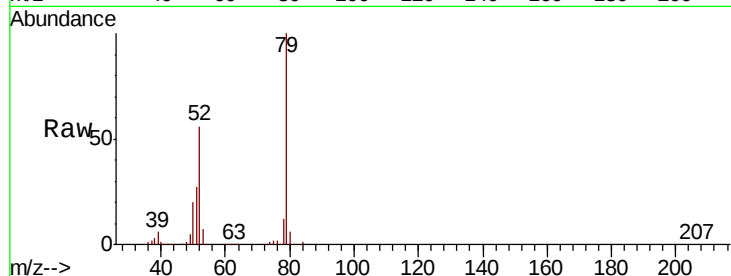
Tot Ion: 79 Resp: 610491

Ion Ratio Lower Upper

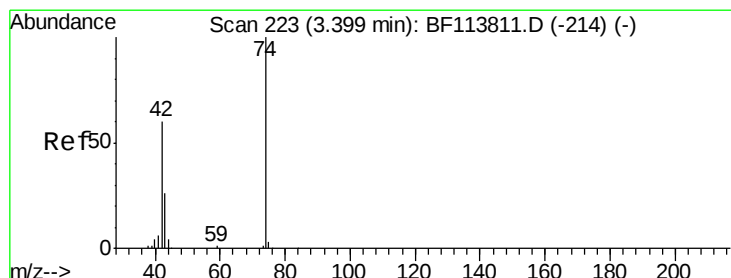
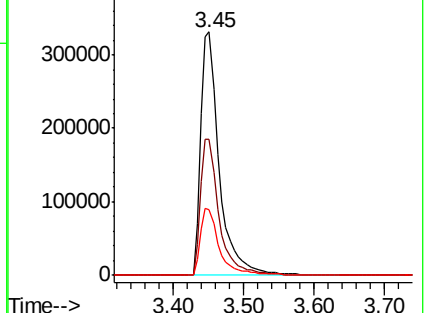
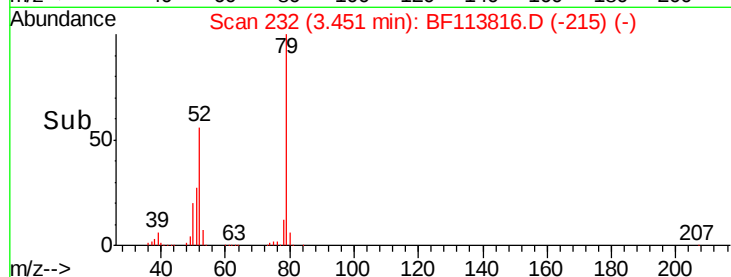
79 100

52 55.6 45.3 67.9

51 27.2 22.1 33.1



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



#4

n-Nitrosodimethylamine

Concen: 40.400 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

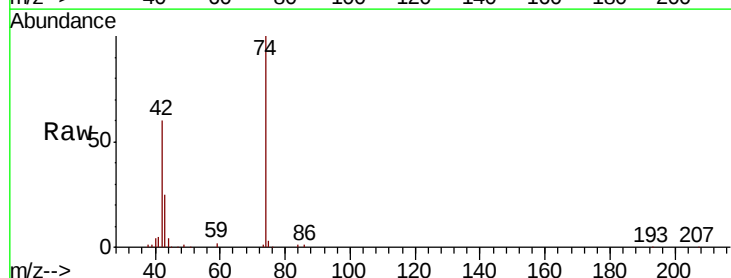
Tgt Ion: 42 Resp: 210735

Ion Ratio Lower Upper

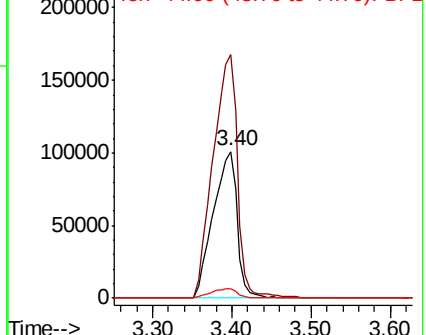
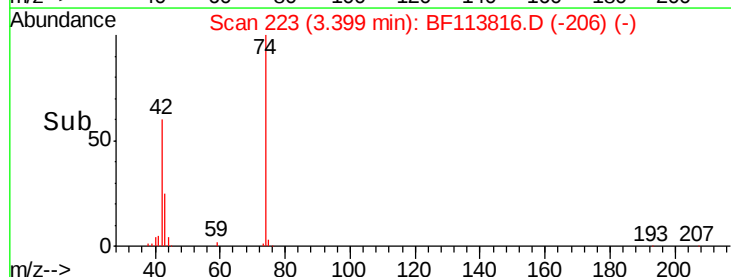
42 100

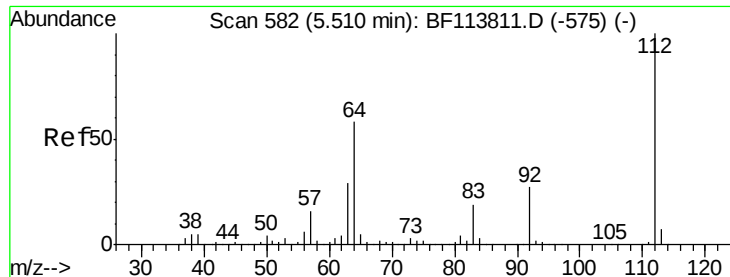
74 166.3 132.6 198.8

44 6.8 5.8 8.8



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





#5

2-Fluorophenol

Concen: 81.833 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampled :

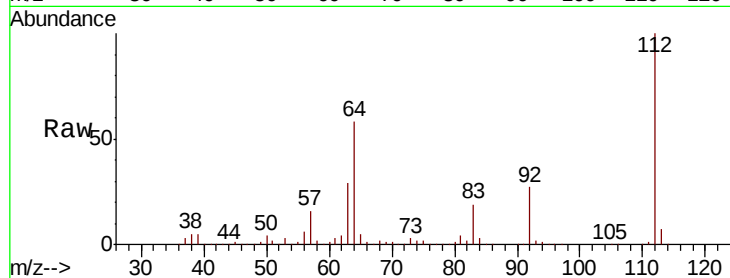
Tot Ion:112 Resp: 893322

Ion Ratio Lower Upper

112 100

64 58.3 46.6 69.8

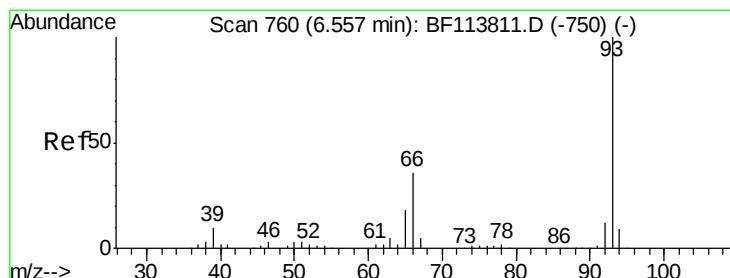
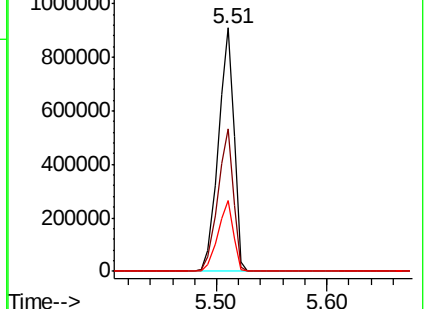
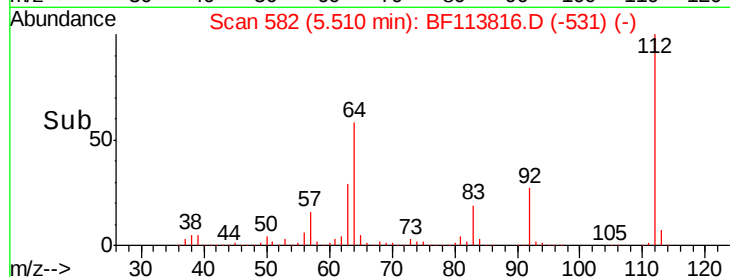
63 28.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.362 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

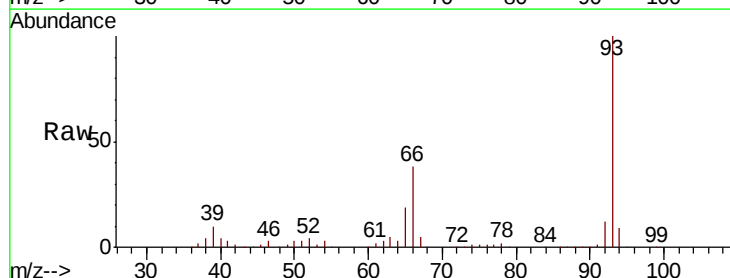
Tgt Ion: 93 Resp: 779719

Ion Ratio Lower Upper

93 100

66 37.5 29.8 44.6

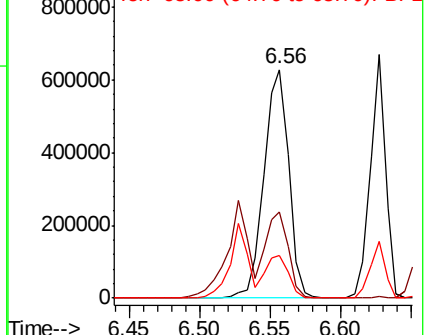
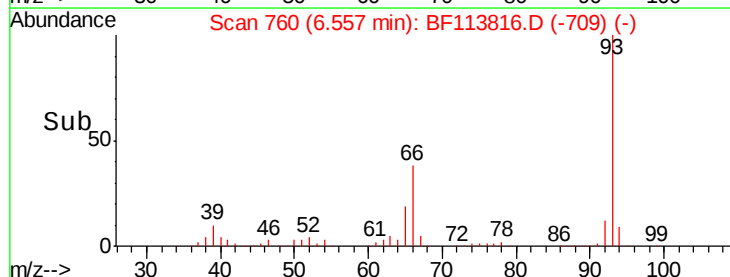
65 18.6 14.9 22.3

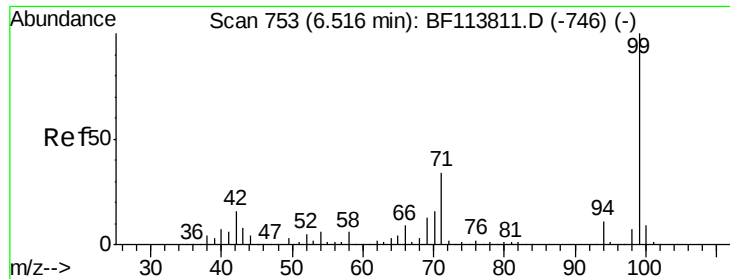


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.522 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

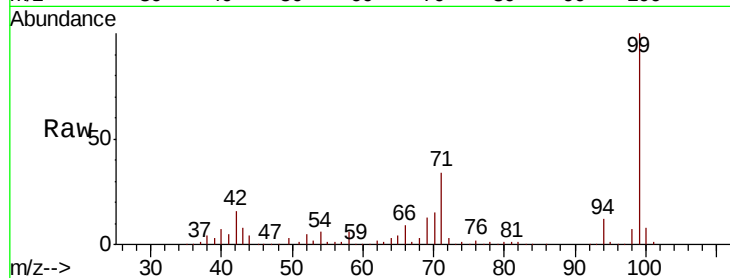
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1123417

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	33.6	26.9	40.3

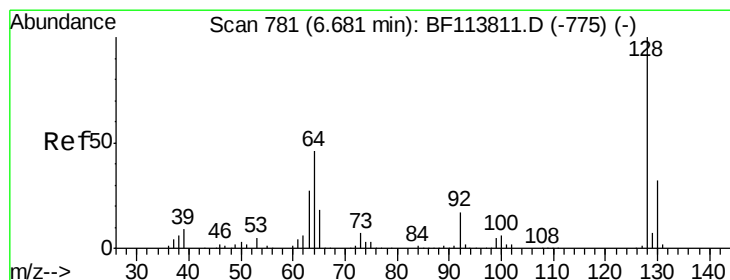
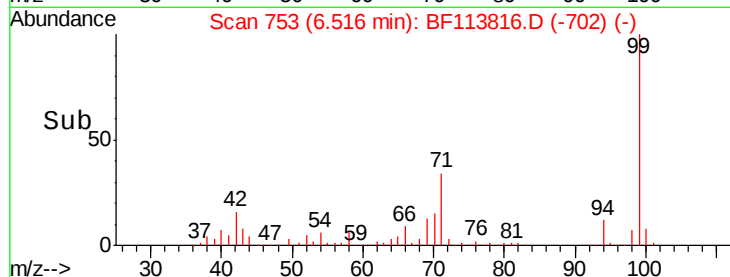
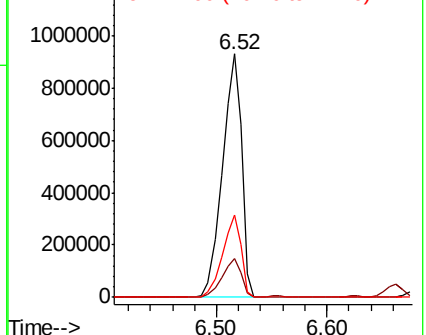


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.010 ng

RT: 6.68 min Scan# 781

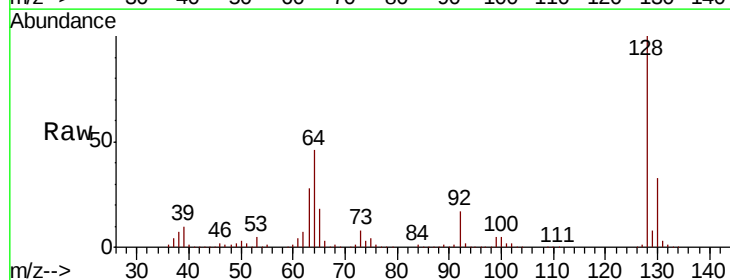
Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion: 128 Resp: 502437

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	46.5	26.1	66.1

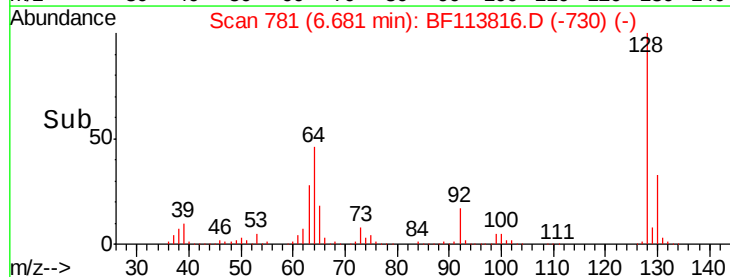
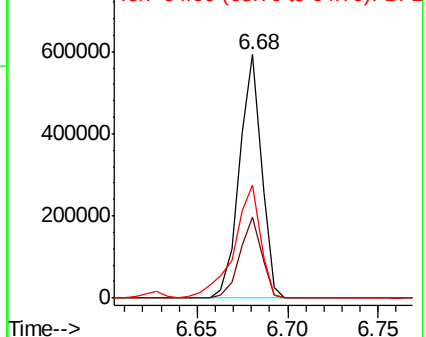


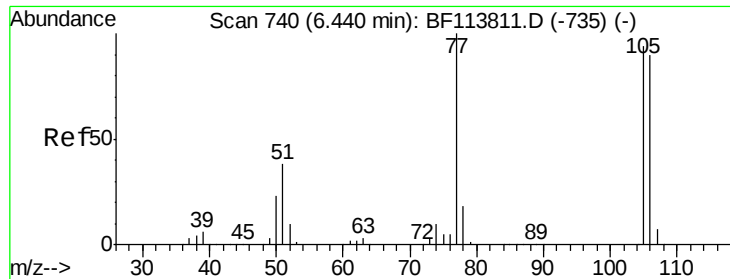
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.859 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

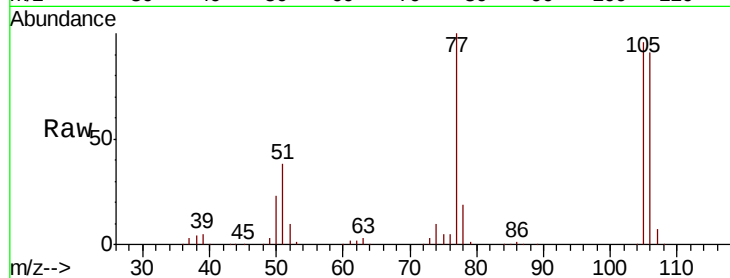
Tot Ion: 77 Resp: 325609

Ion Ratio Lower Upper

77 100

105 96.0 74.1 114.1

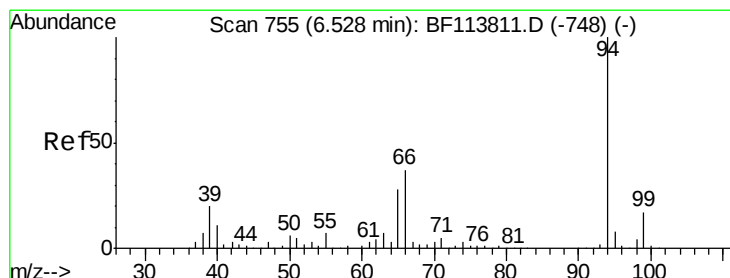
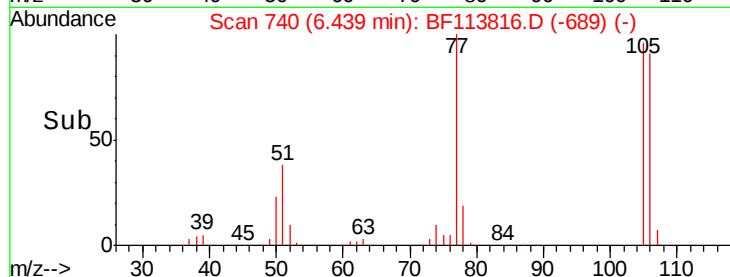
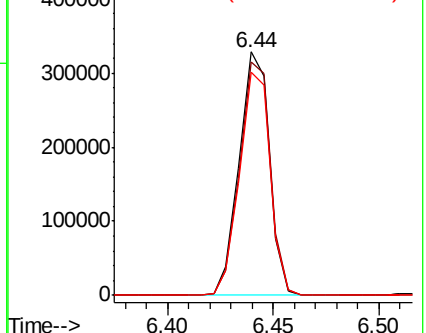
106 91.5 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.346 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

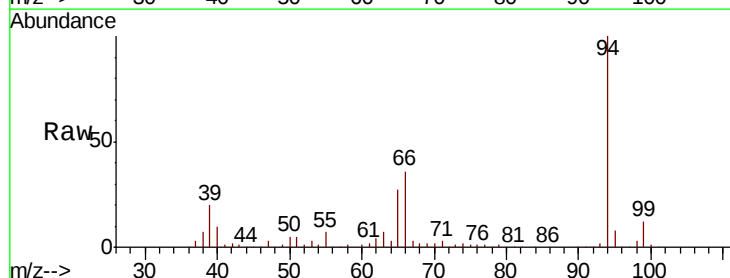
Tgt Ion: 94 Resp: 630980

Ion Ratio Lower Upper

94 100

65 27.4 8.1 48.1

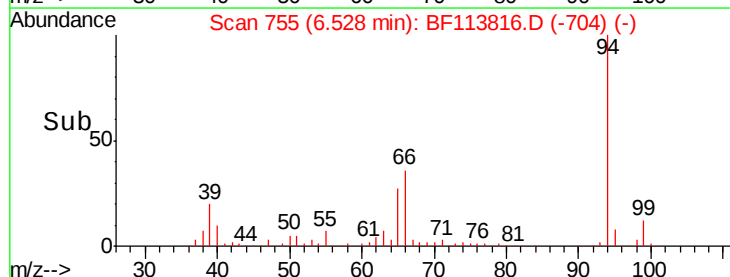
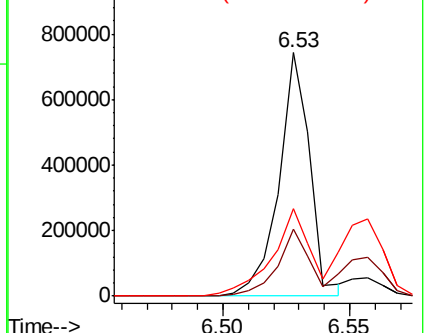
66 36.0 16.6 56.6

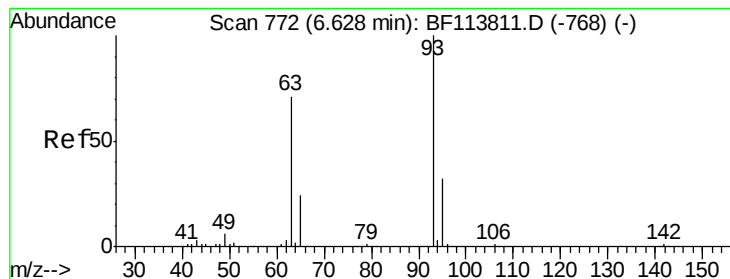


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.609 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

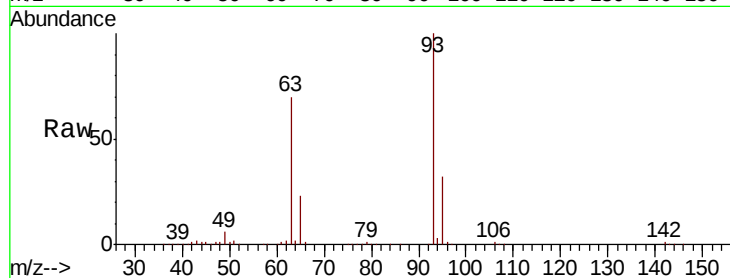
Tot Ion: 93 Resp: 503088

Ion Ratio Lower Upper

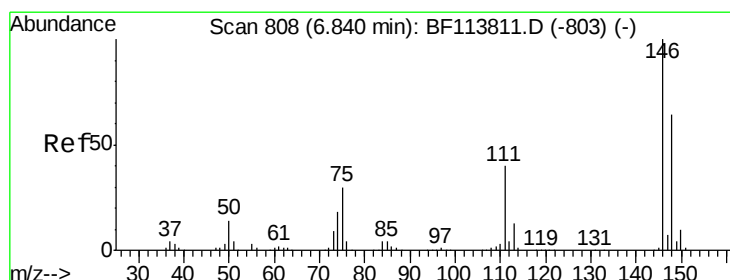
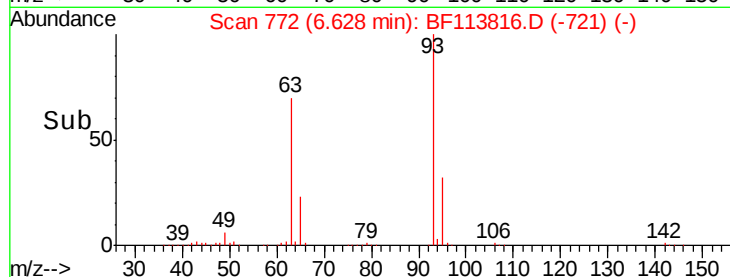
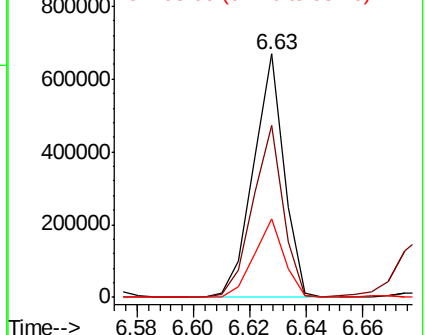
93 100

63 70.4 50.7 90.7

95 32.4 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 40.923 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

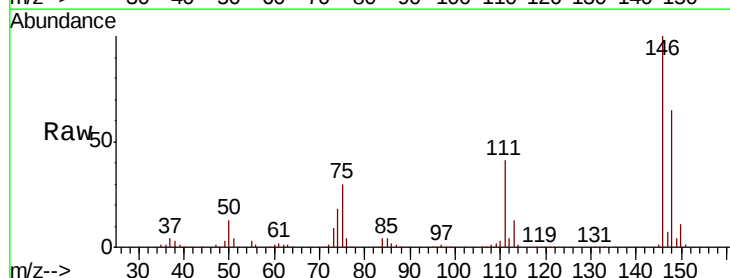
Tgt Ion: 146 Resp: 557046

Ion Ratio Lower Upper

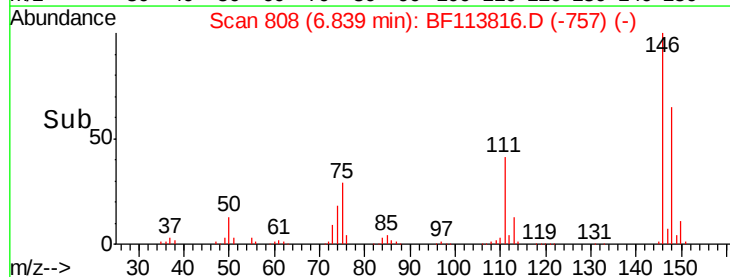
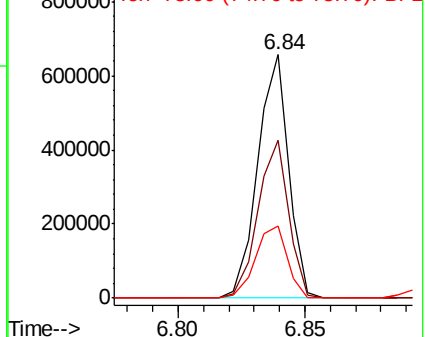
146 100

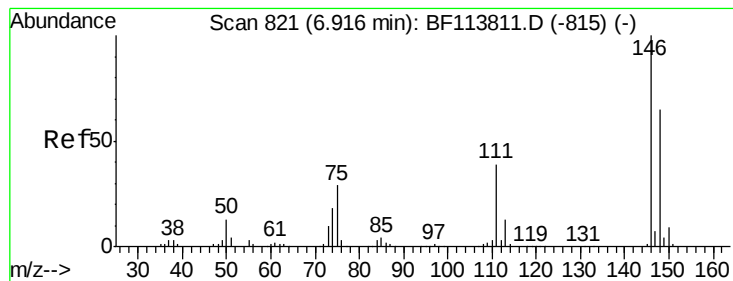
148 64.6 51.0 76.6

75 29.6 23.8 35.8



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





#13

1,4-Dichlorobenzene

Concen: 41.315 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

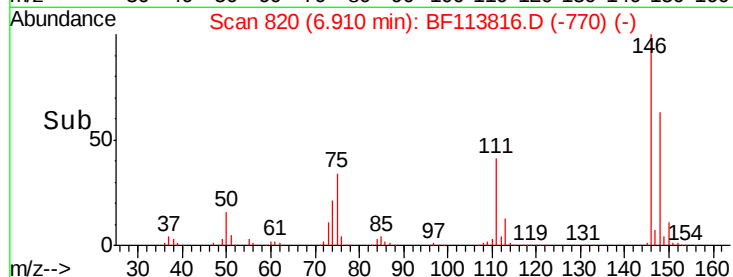
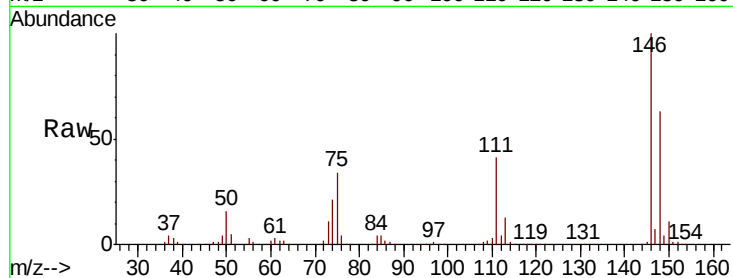
Tot Ion:146 Resp: 562642

Ion Ratio Lower Upper

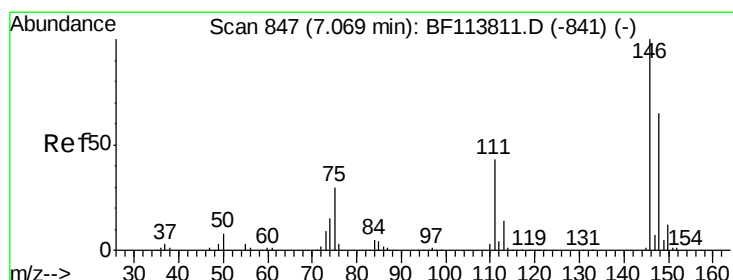
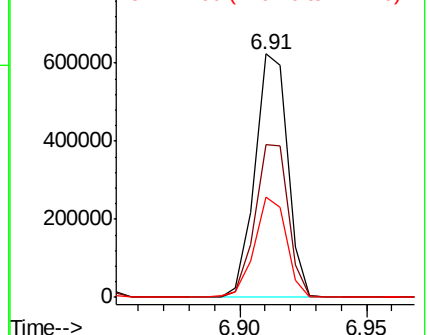
146 100

148 62.7 51.8 77.8

111 41.1 30.9 46.3



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



#14

1,2-Dichlorobenzene

Concen: 41.741 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

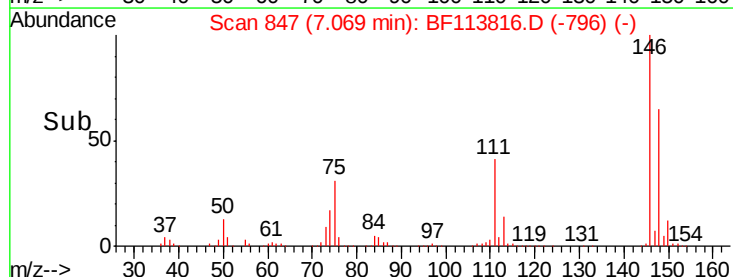
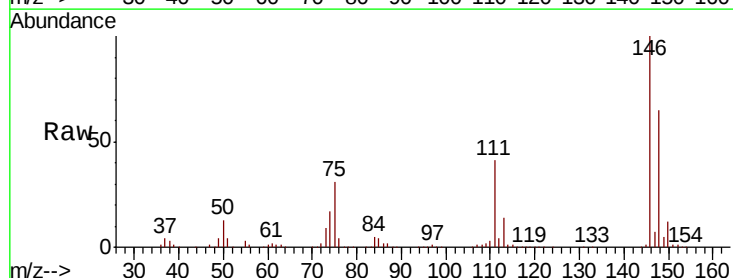
Tgt Ion:146 Resp: 523859

Ion Ratio Lower Upper

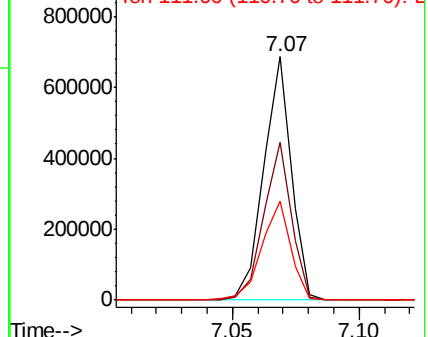
146 100

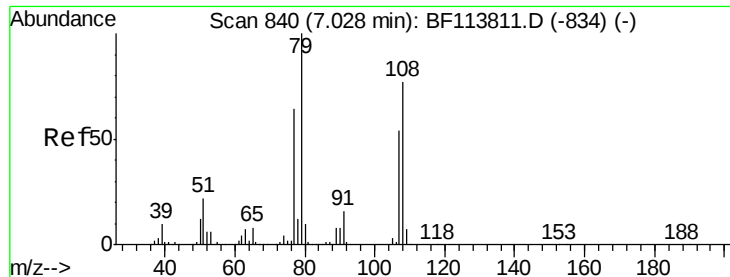
148 64.7 52.1 78.1

111 40.8 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 41.633 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampled :

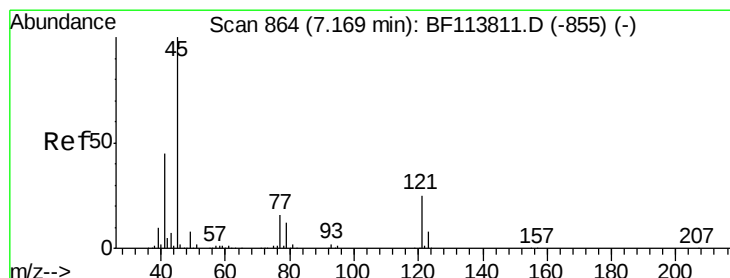
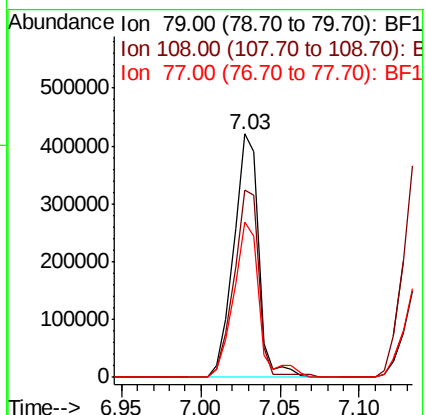
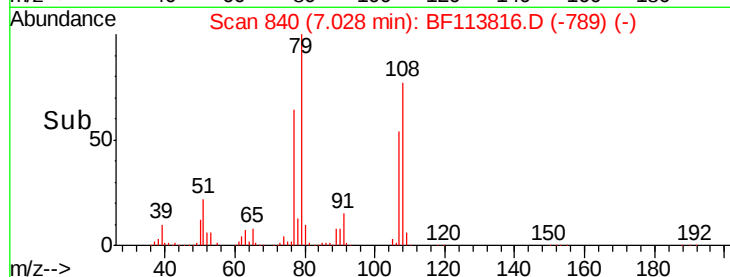
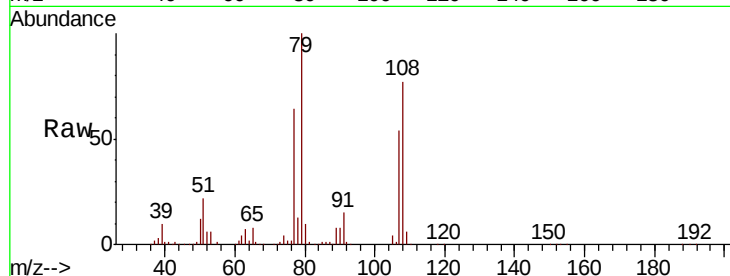
Tot Ion: 79 Resp: 459151

Ion Ratio Lower Upper

79 100

108 76.9 61.4 92.0

77 63.6 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.699 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

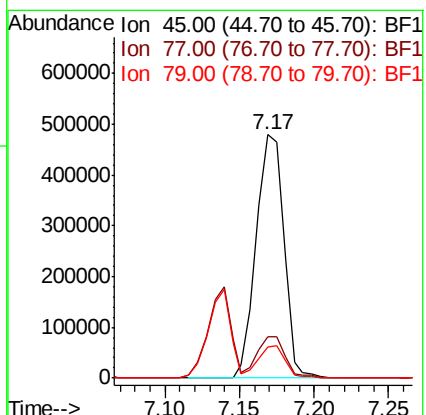
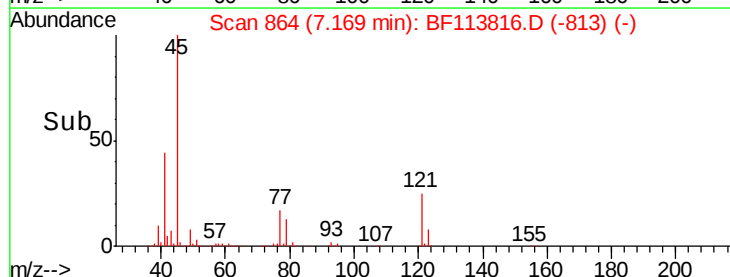
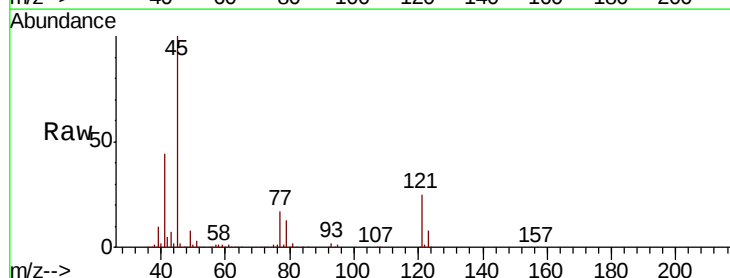
Tgt Ion: 45 Resp: 611569

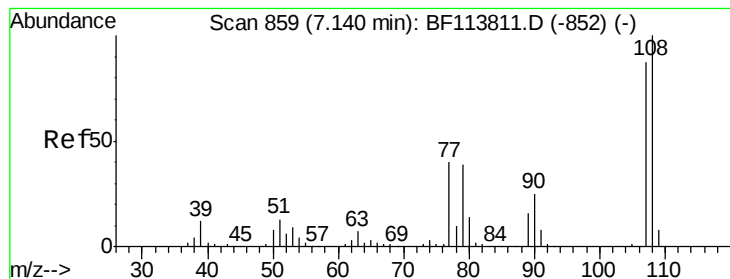
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.0

79 12.7 0.0 32.7

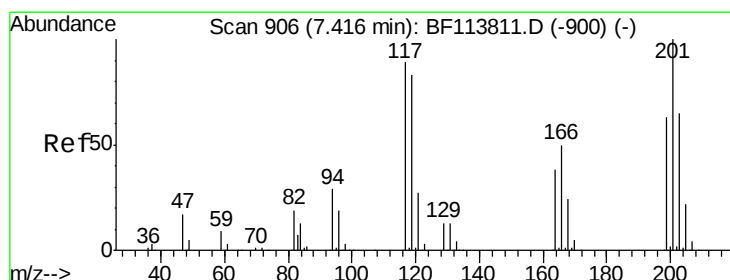
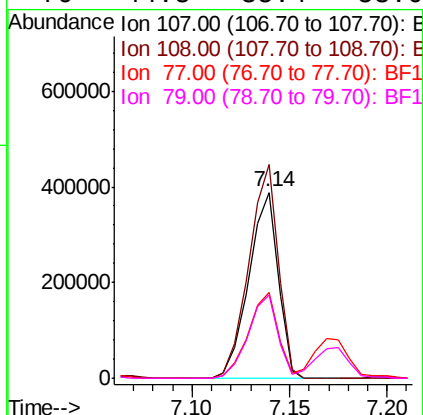
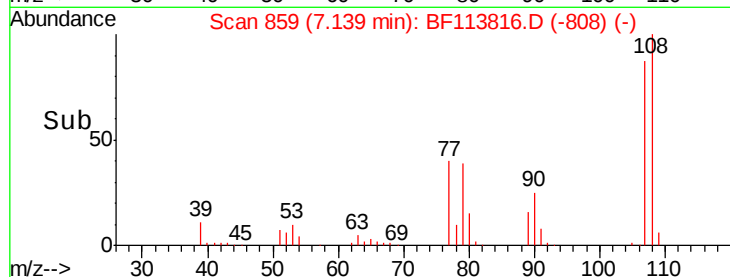
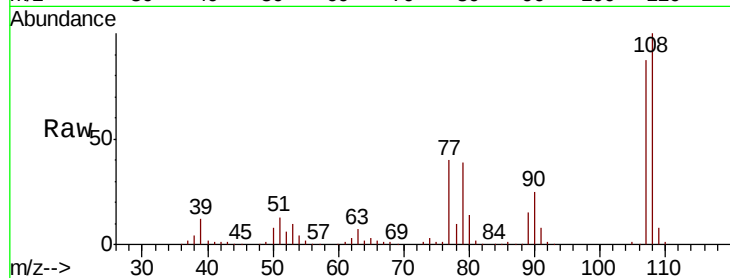




#17
2-Methylphenol
Concen: 40.612 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

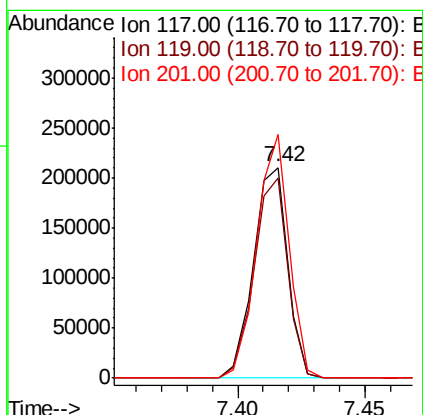
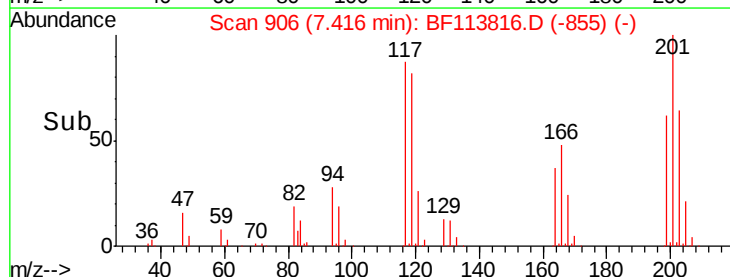
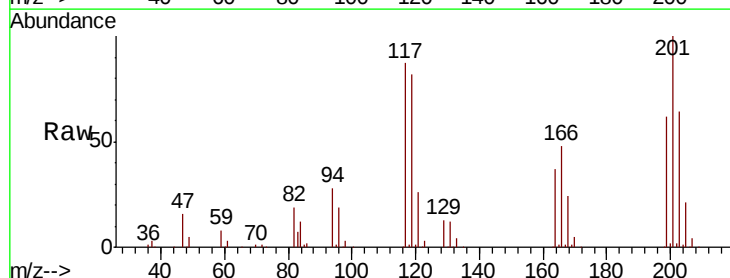
Instrument :
BNA_F
ClientSampleId :

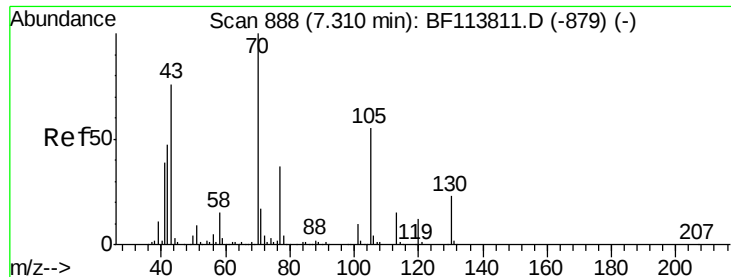
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.5	137.3
77	46.2	36.2	54.4
79	44.8	35.4	53.0



#18
Hexachloroethane
Concen: 40.746 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.4	111.6
201	115.4	90.2	135.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.242 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 365675

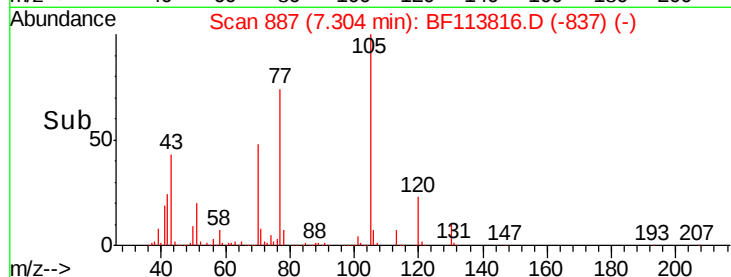
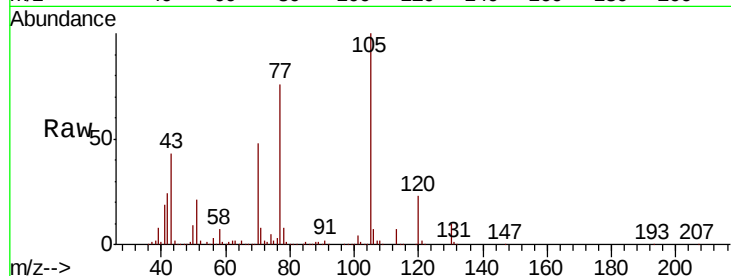
Ion Ratio Lower Upper

70 100

42 49.2 37.3 55.9

101 9.3 7.8 11.8

130 20.8 18.2 27.2

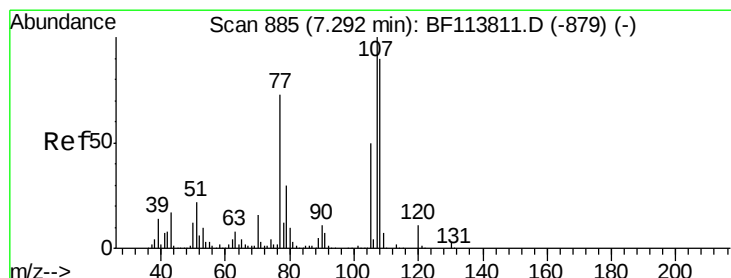
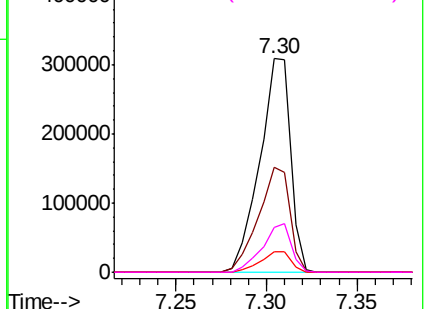


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 41.994 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:107 Resp: 504946

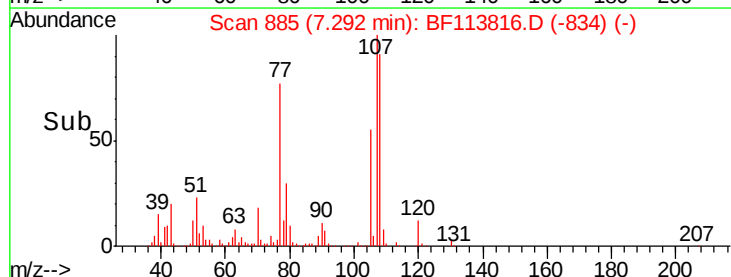
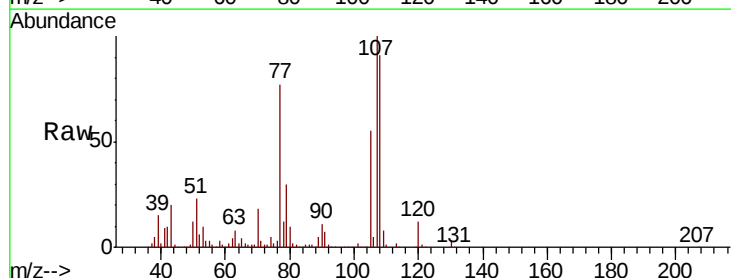
Ion Ratio Lower Upper

107 100

108 91.5 70.1 110.1

77 76.9 52.9 92.9

79 30.2 10.2 50.2

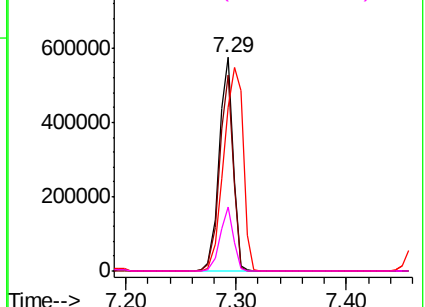


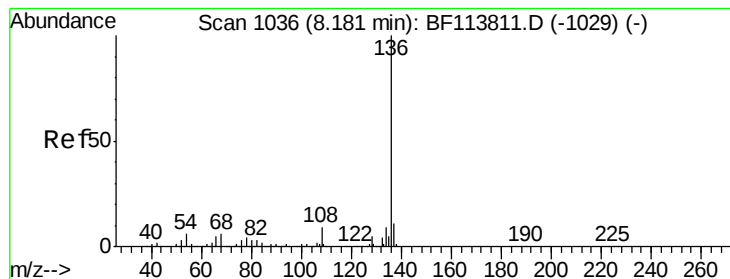
Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 717877

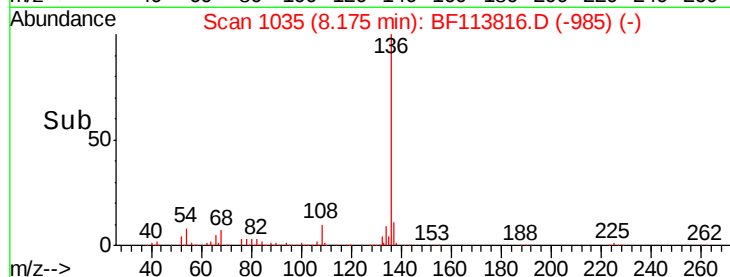
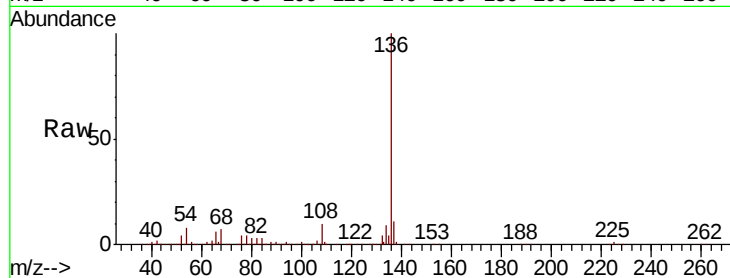
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 7.5 5.0 7.6

68 7.2 4.9 7.3

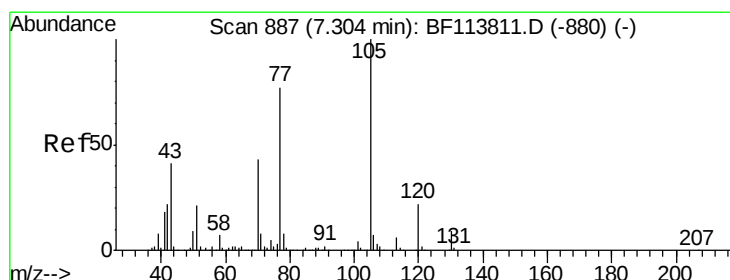
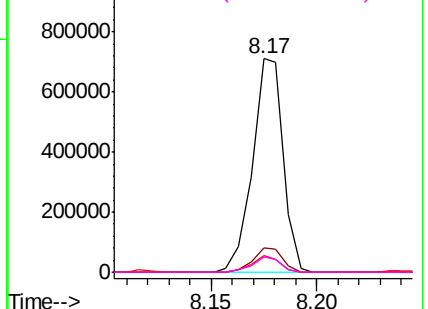


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.772 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:105 Resp: 666858

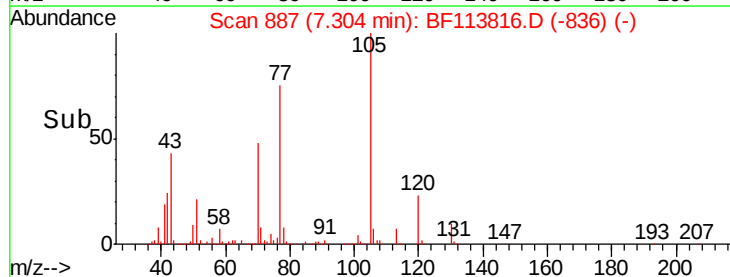
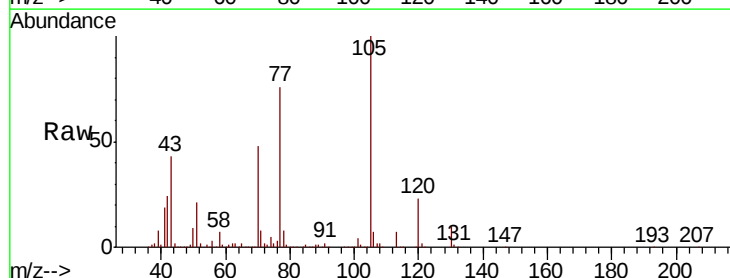
Ion Ratio Lower Upper

105 100

71 8.1 6.1 9.1

51 20.9 16.8 25.2

120 22.5 17.6 26.4

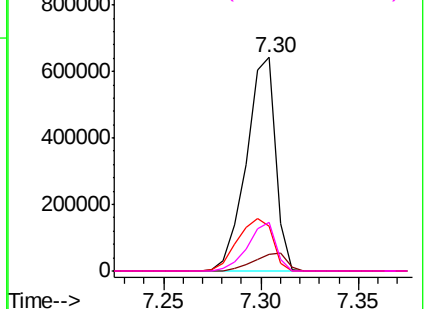


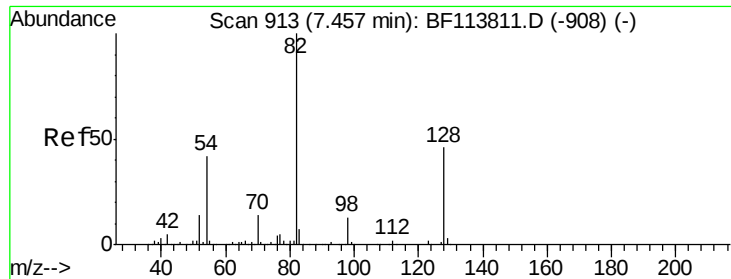
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

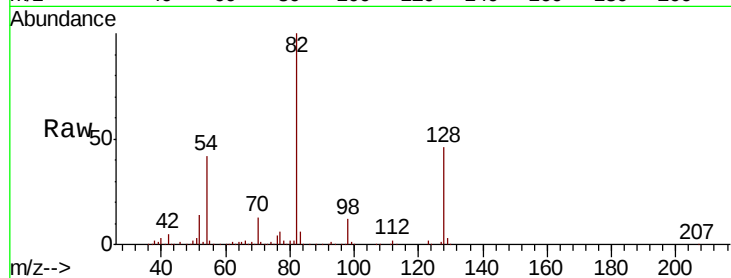




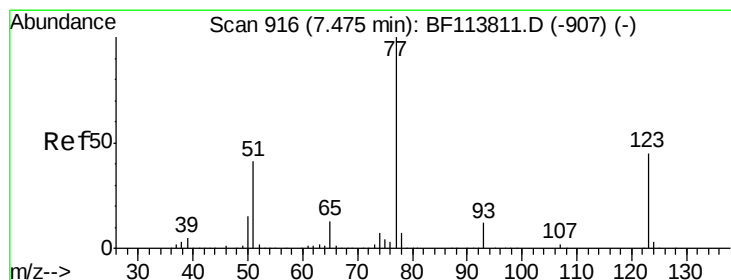
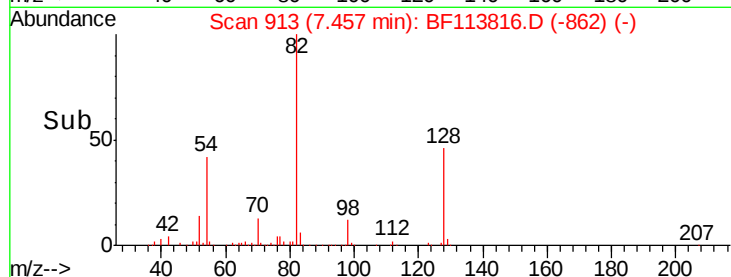
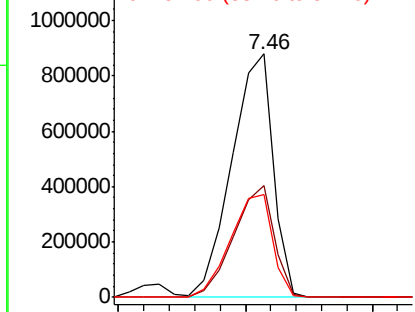
#23
Nitrobenzene-d5
Concen: 84.635 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	997715
Ion Ratio	100	Lower	Upper
128	45.8	36.8	55.2
54	42.1	33.8	50.6

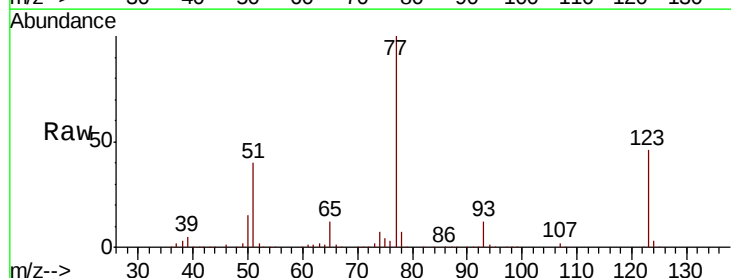


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

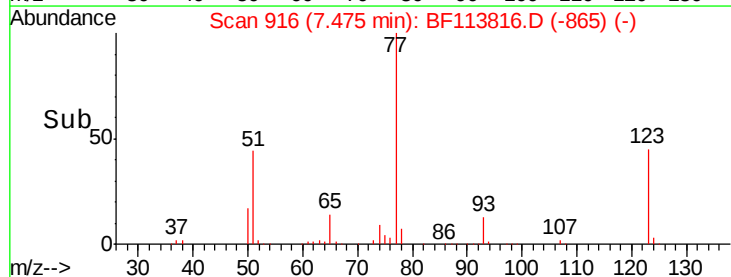
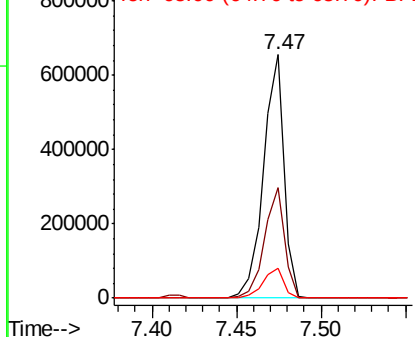


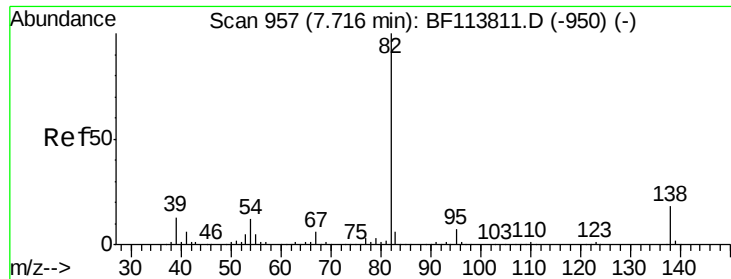
#24
Nitrobenzene
Concen: 41.753 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	77	Resp	553188
Ion Ratio	100	Lower	Upper
123	45.6	36.3	54.5
65	12.5	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.013 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

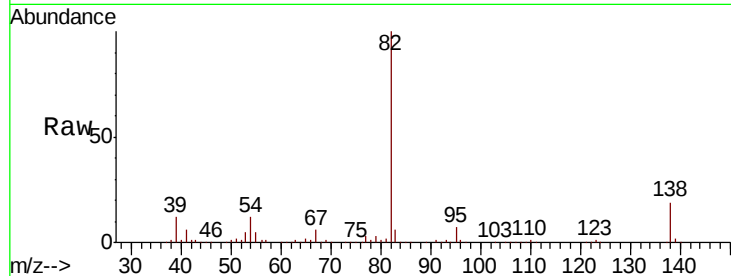
Tot Ion: 82 Resp: 976639

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

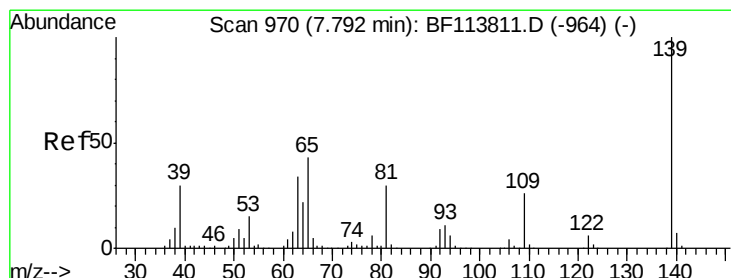
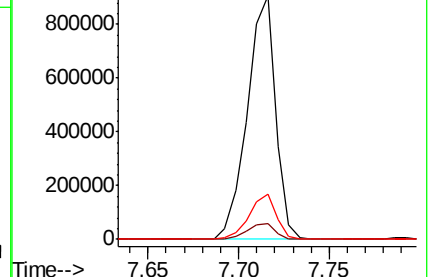
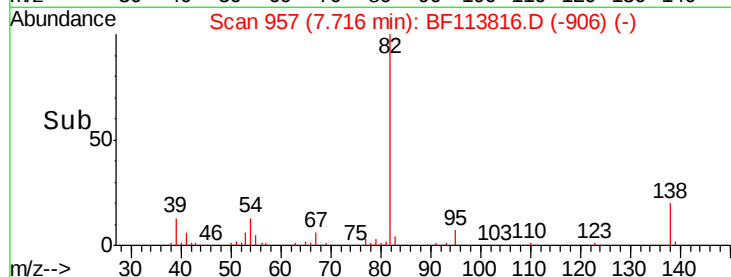
138 18.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.856 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

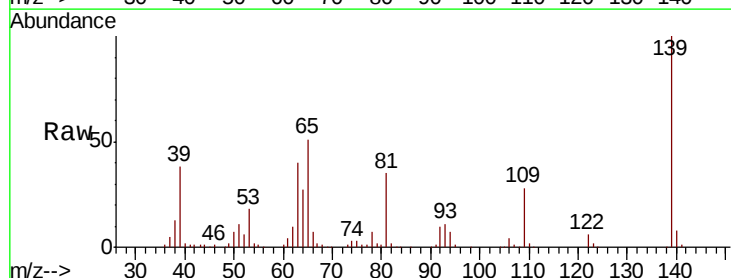
Tgt Ion: 139 Resp: 236097

Ion Ratio Lower Upper

139 100

109 27.7 20.6 31.0

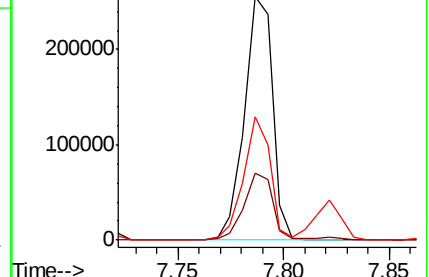
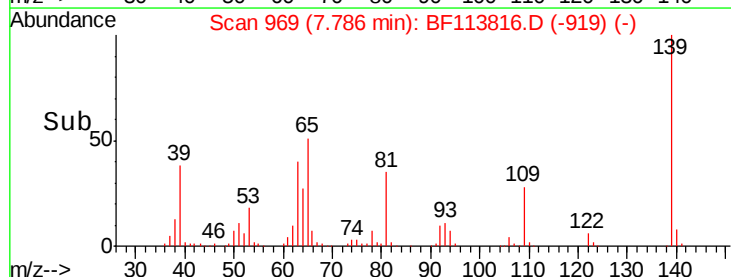
65 50.7 34.6 52.0

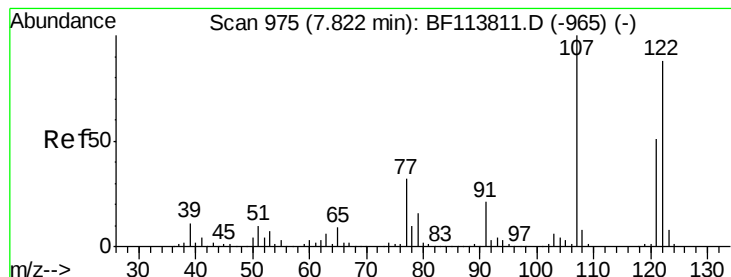


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

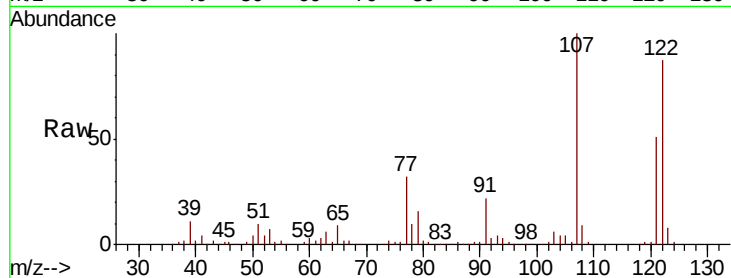




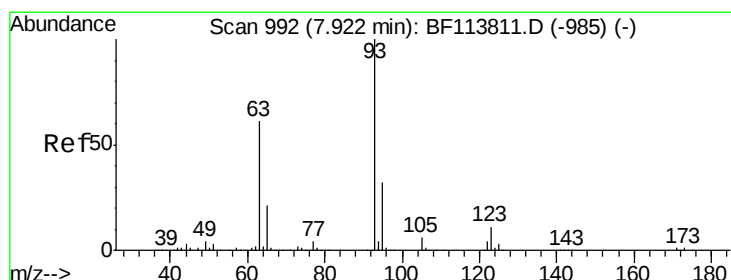
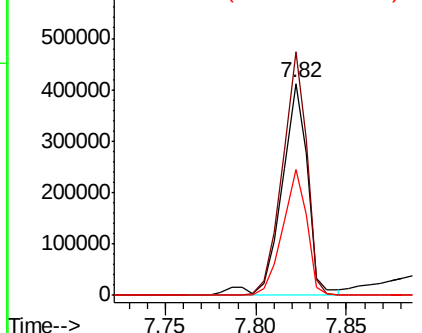
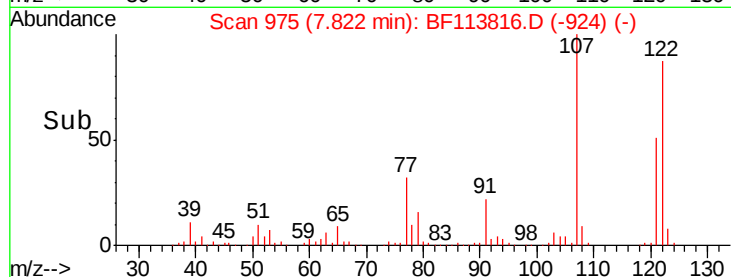
#27
 2,4-Dimethylphenol
 Concen: 40.946 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 411476
 Ion Ratio Lower Upper
 122 100
 107 114.7 91.2 136.8
 121 59.0 46.4 69.6

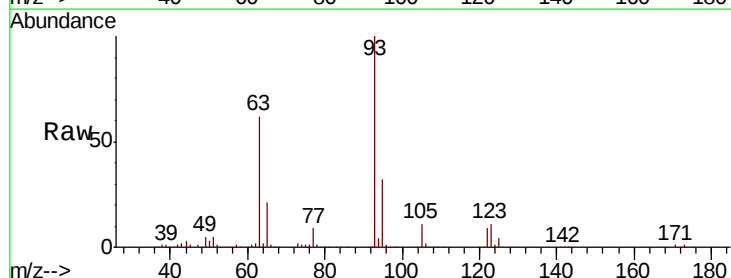


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

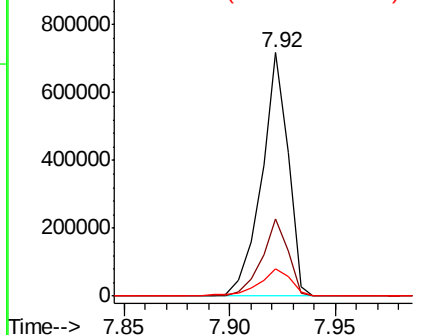
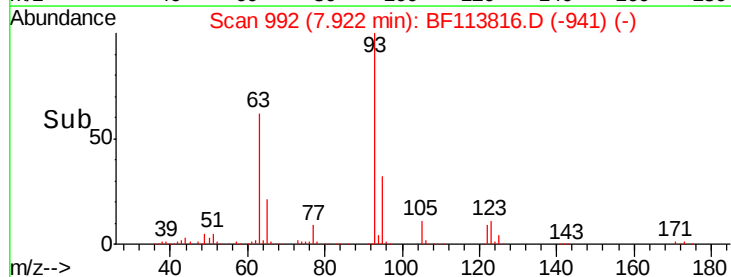


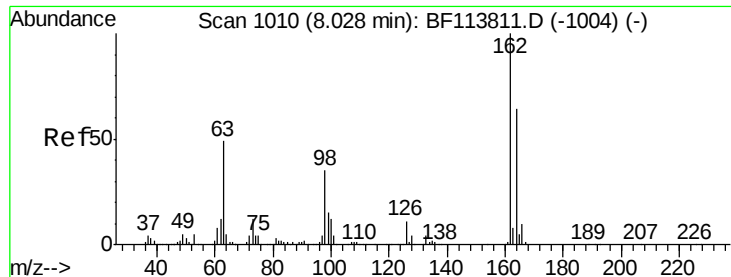
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.310 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion: 93 Resp: 625214
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.8 38.6
 123 11.3 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

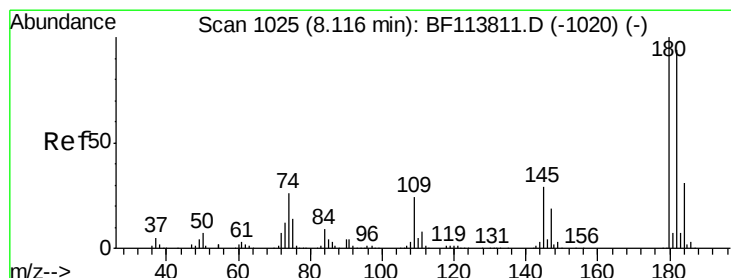
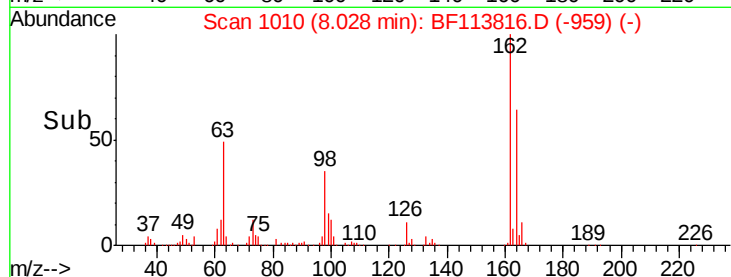
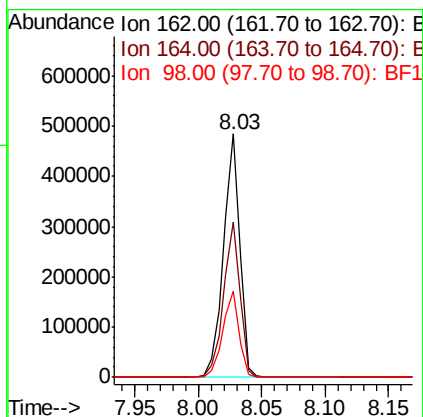
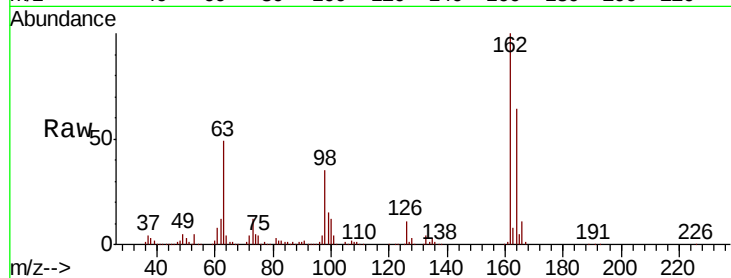




#29
2,4-Dichlorophenol
Concen: 40.709 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

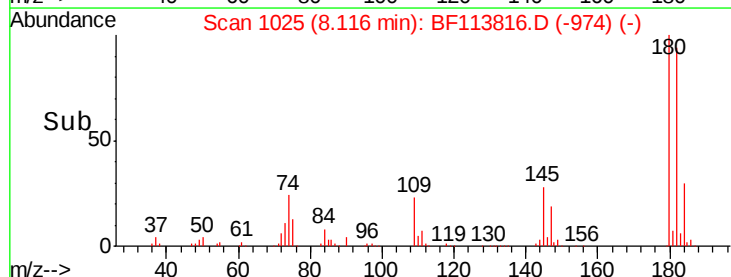
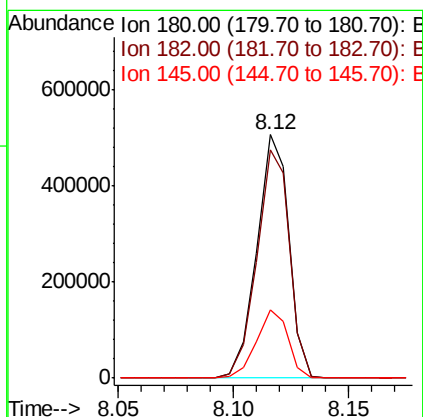
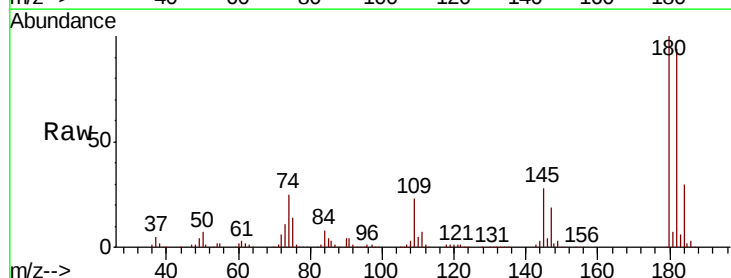
Instrument :
BNA_F
ClientSampleId :

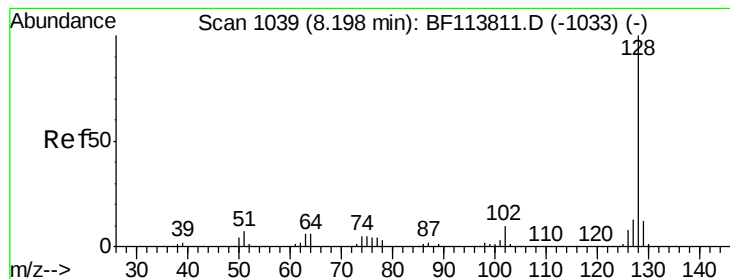
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.7	83.7
98	35.2	15.5	55.5



#30
1,2,4-Trichlorobenzene
Concen: 41.237 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.4	113.0
145	28.2	23.0	34.4





#31

Naphthalene

Concen: 41.325 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

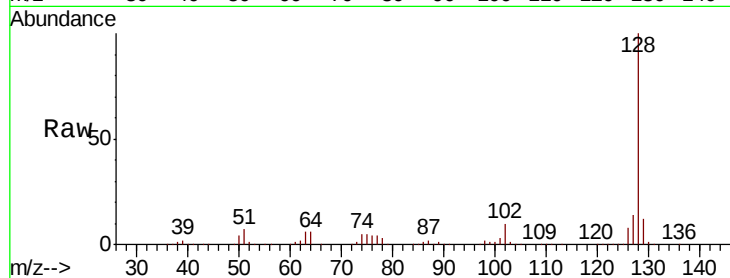
Tot Ion:128 Resp: 1403214

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

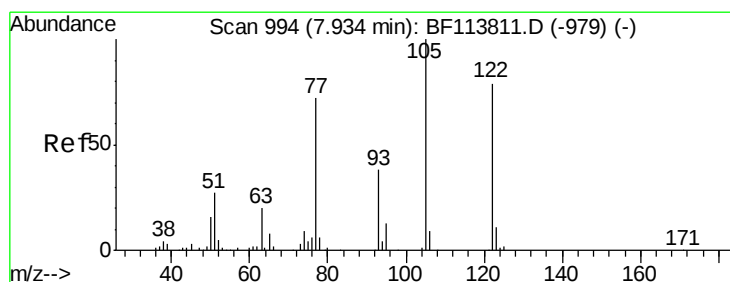
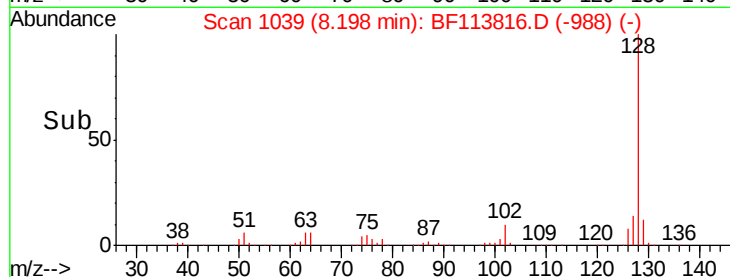
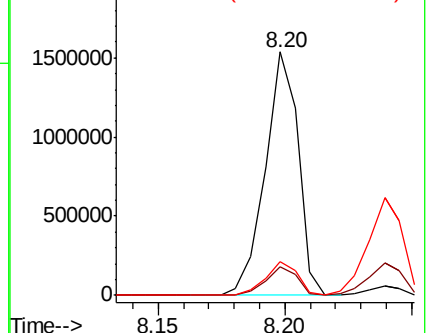
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.939 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

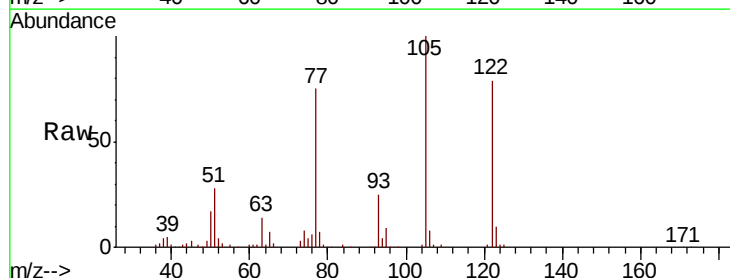
Tgt Ion:122 Resp: 197500

Ion Ratio Lower Upper

122 100

105 126.2 104.3 144.3

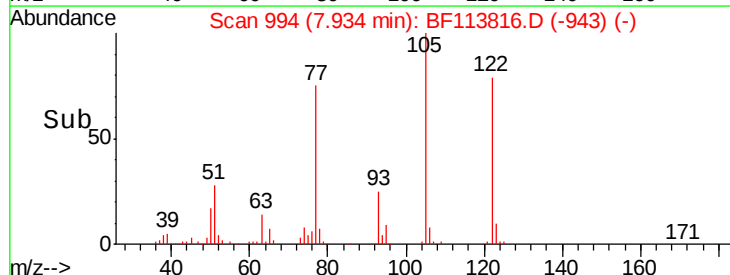
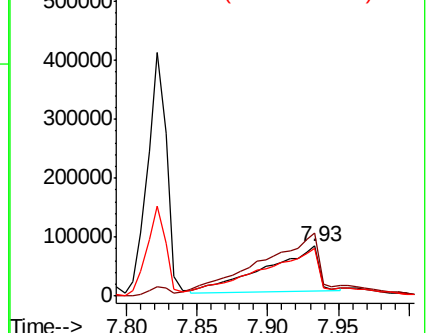
77 95.0 70.4 110.4

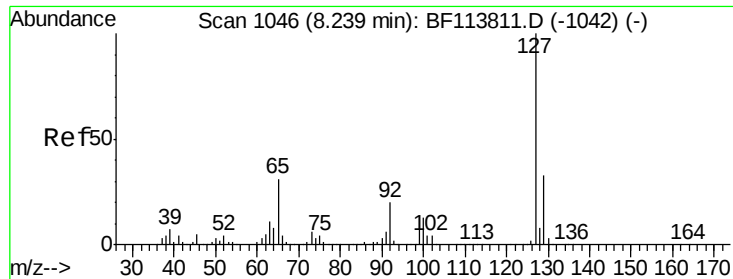


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

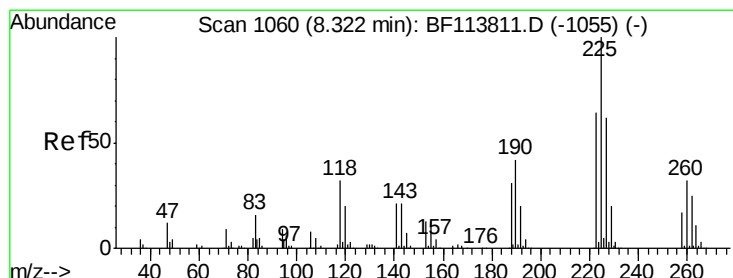
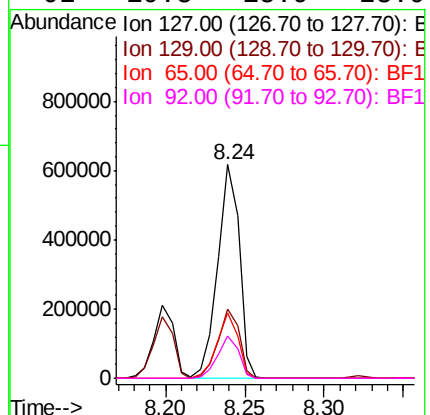
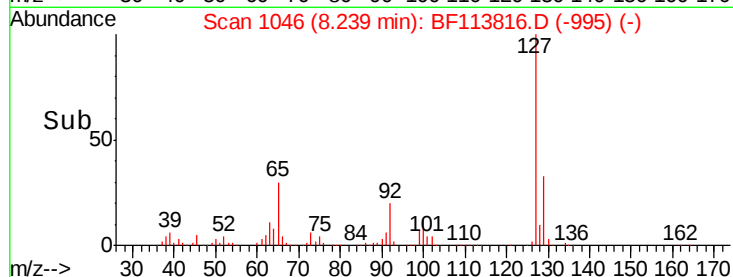
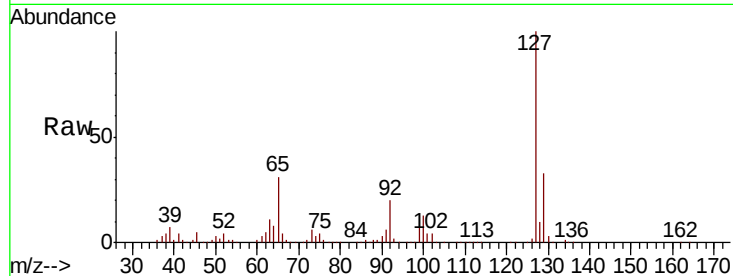




#33
4-Chloroaniline
Concen: 40.750 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

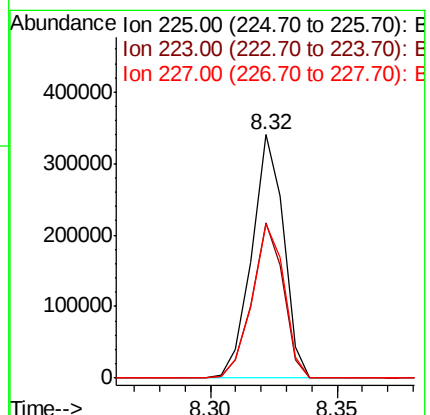
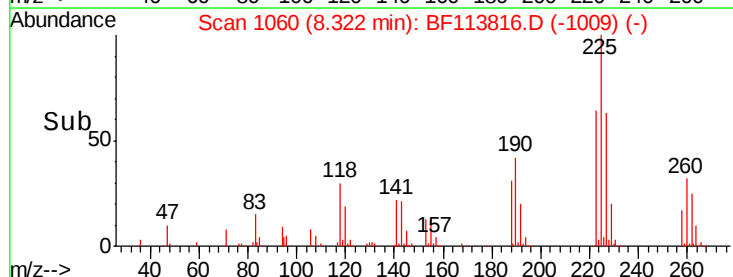
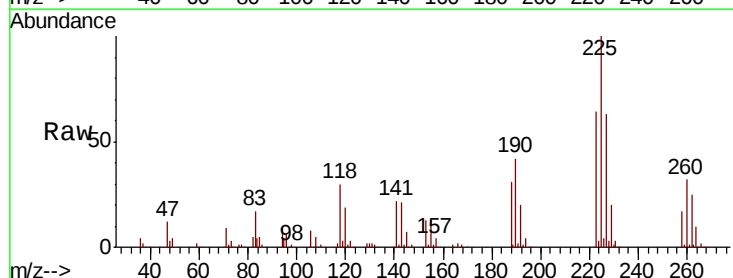
Instrument :
BNA_F
ClientSampled :

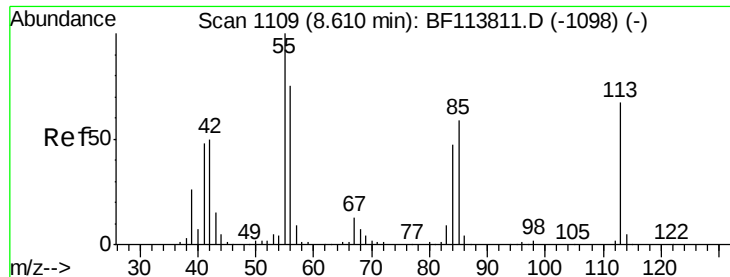
Tot Ion:	127	Resp:	587005
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	30.6	24.9	37.3
92	19.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.073 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:	225	Resp:	298469
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	63.1	49.9	74.9

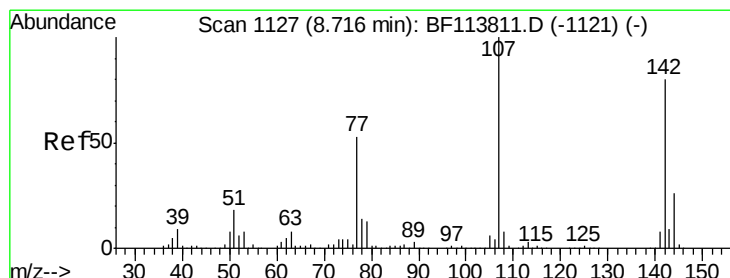
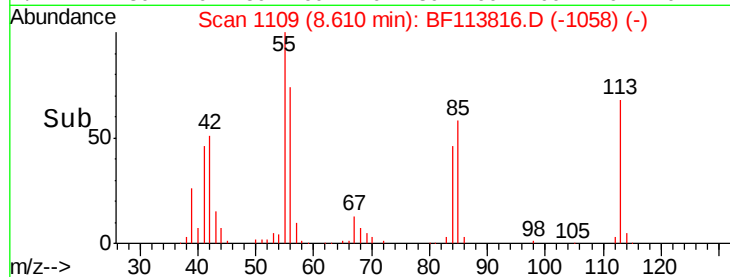
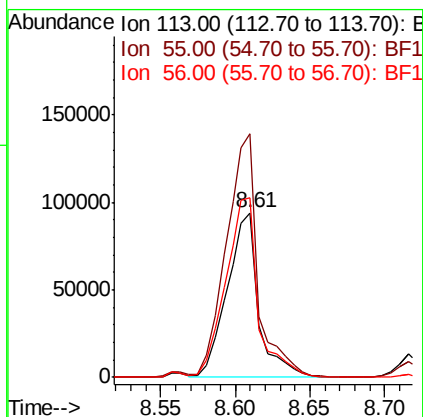
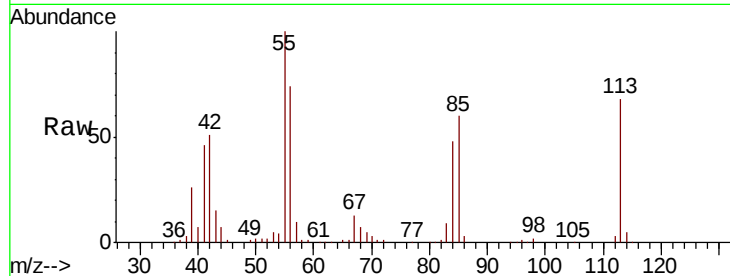




#35
 Caprolactam
 Concen: 40.207 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

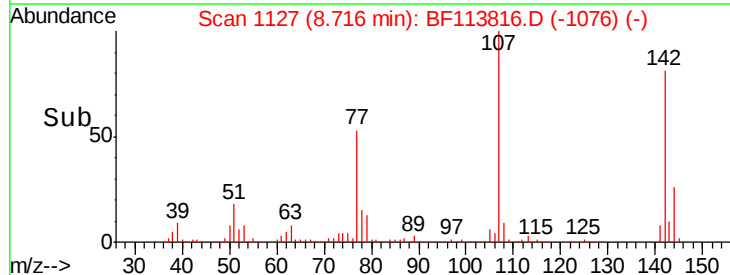
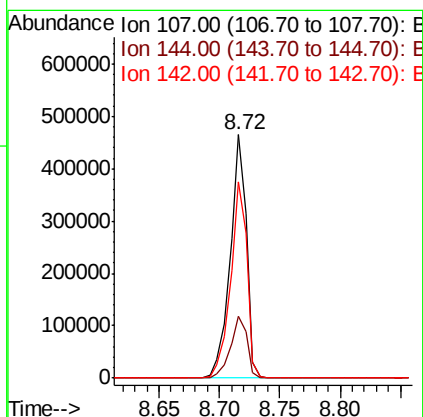
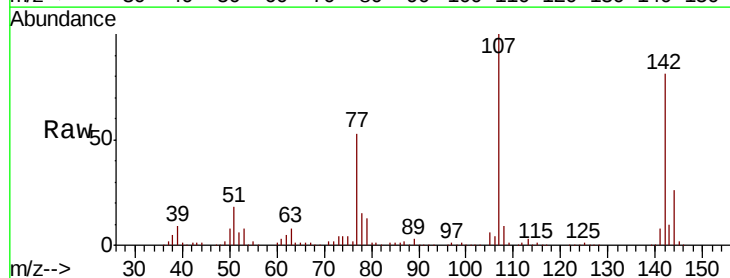
Instrument :
 BNA_F
 ClientSampleId :

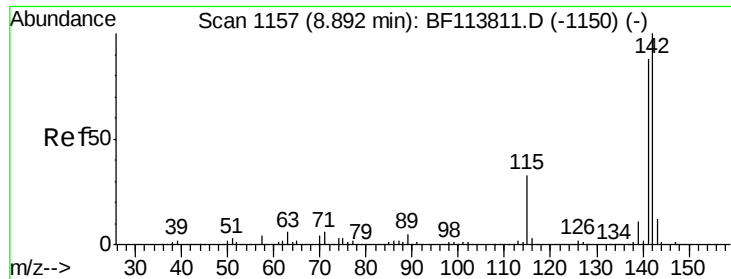
Tot Ion:113 Resp: 138976
 Ion Ratio Lower Upper
 113 100
 55 148.0 128.6 168.6
 56 109.4 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.889 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion:107 Resp: 434138
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 80.7 64.2 96.4

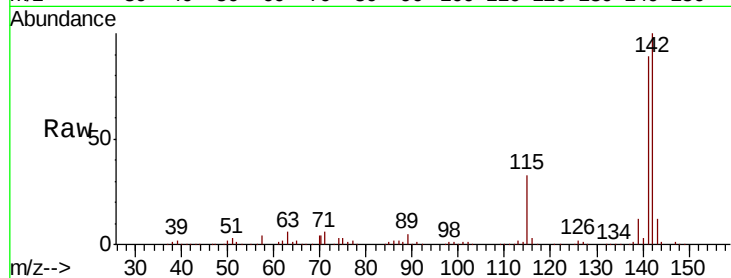




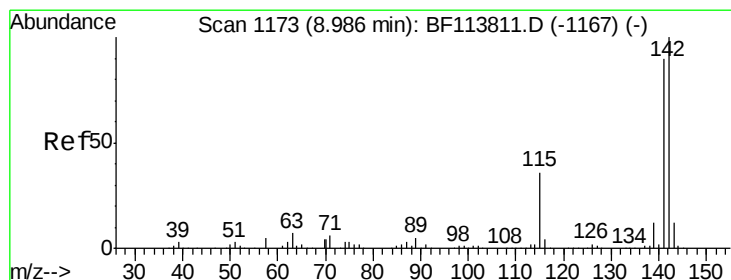
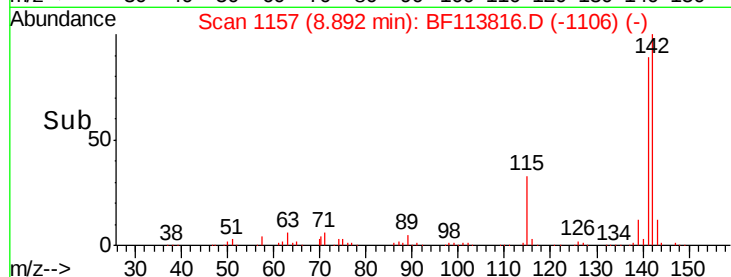
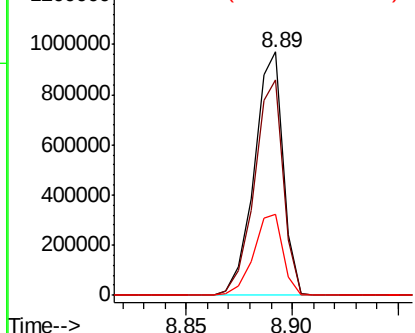
#37
2-Methylnaphthalene
Concen: 40.924 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	33.4	26.3	39.5

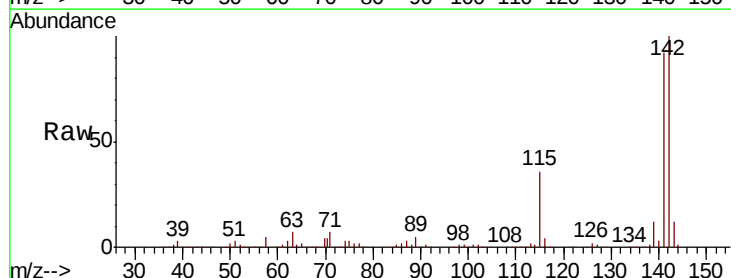


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

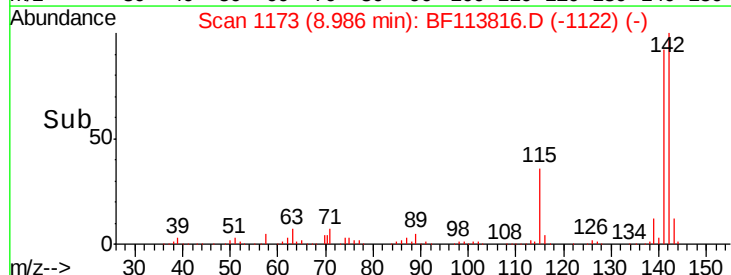
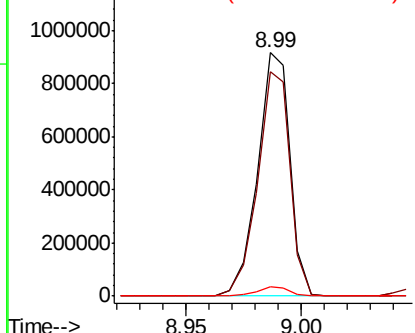


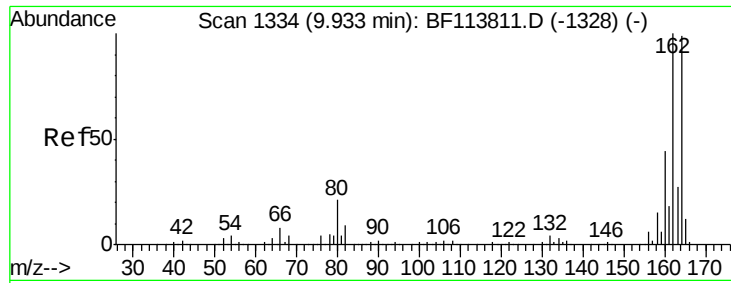
#38
1-Methylnaphthalene
Concen: 40.943 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
116	3.8	3.0	4.4



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

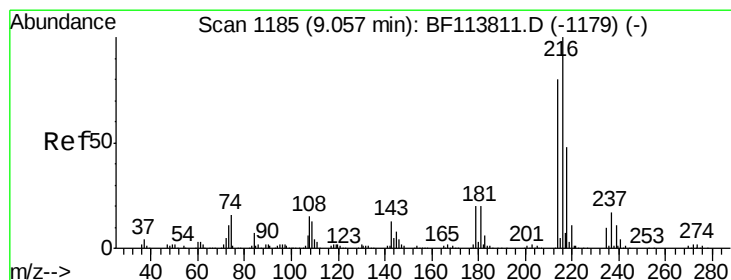
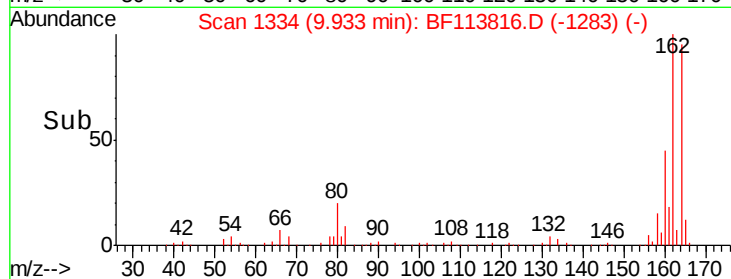
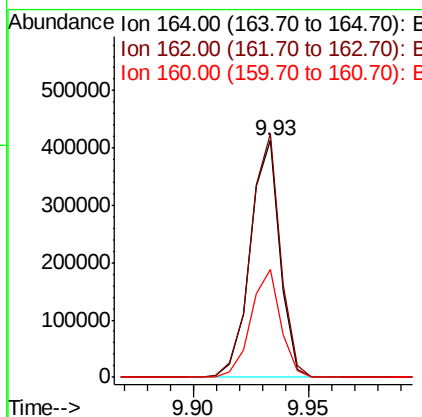
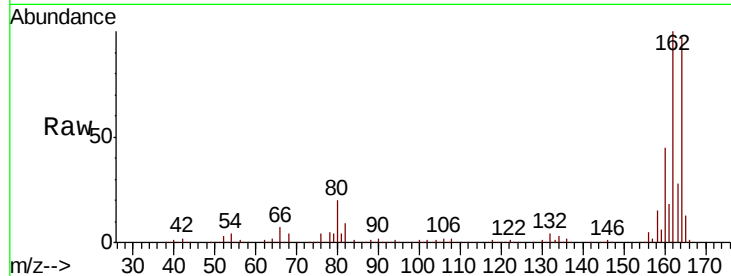




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

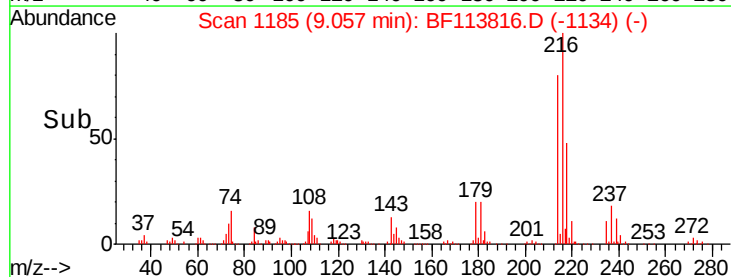
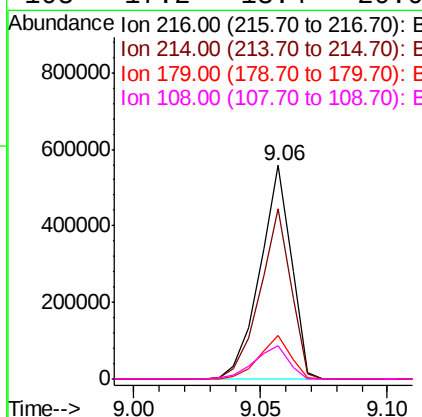
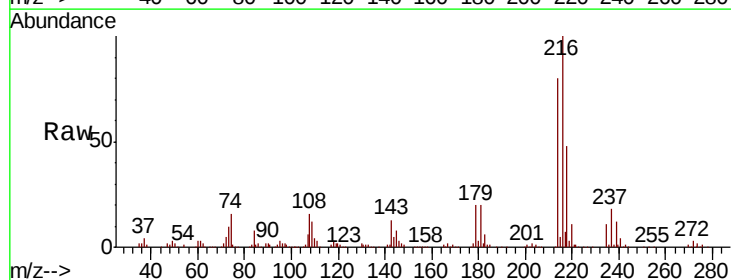
Instrument :
BNA_F
ClientSampled :

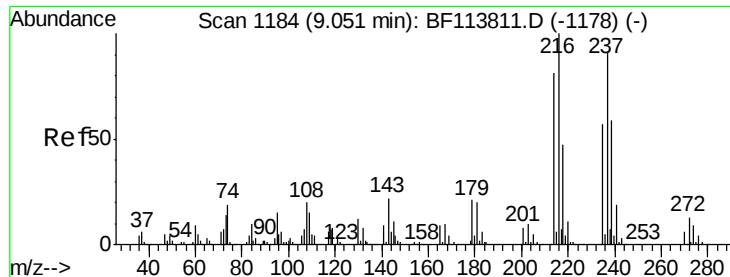
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.1	121.7
160	45.8	35.8	53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.112 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	20.2	16.1	24.1
108	17.2	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 40.610 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

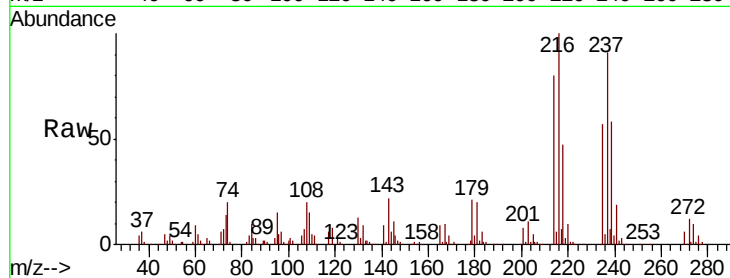
Tot Ion:237 Resp: 261935

Ion Ratio Lower Upper

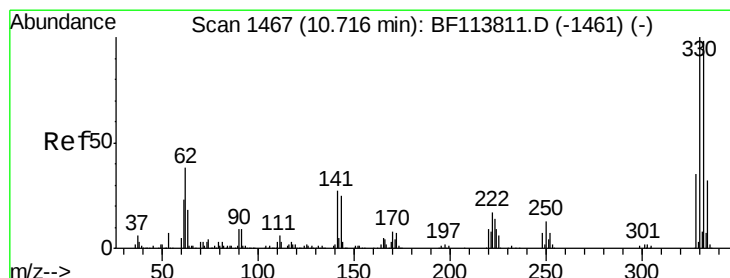
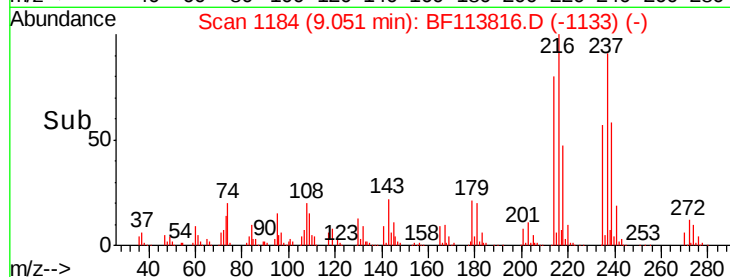
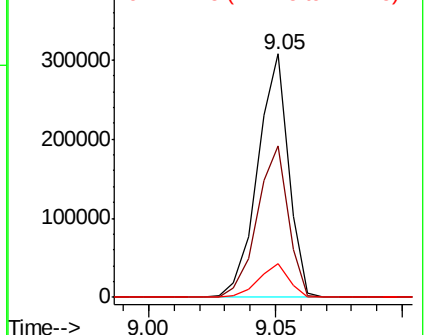
237 100

235 62.4 42.6 82.6

272 13.7 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 84.335 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

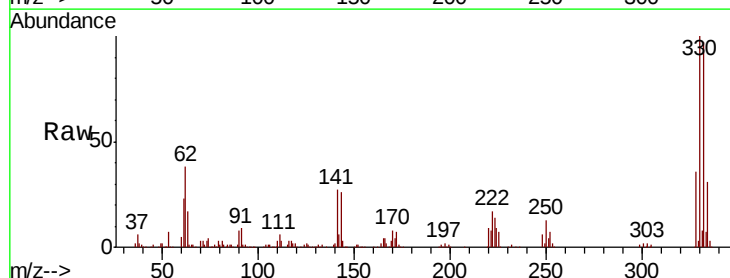
Tgt Ion:330 Resp: 344496

Ion Ratio Lower Upper

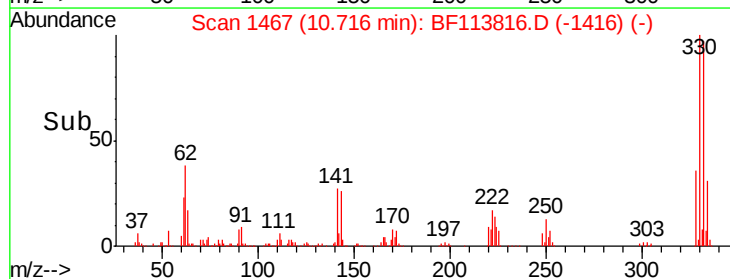
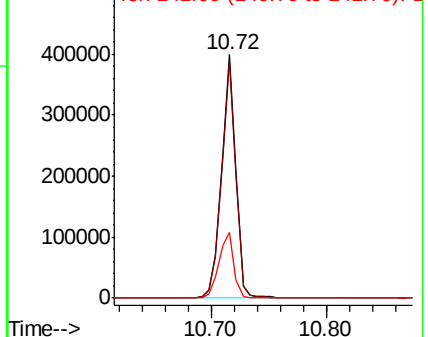
330 100

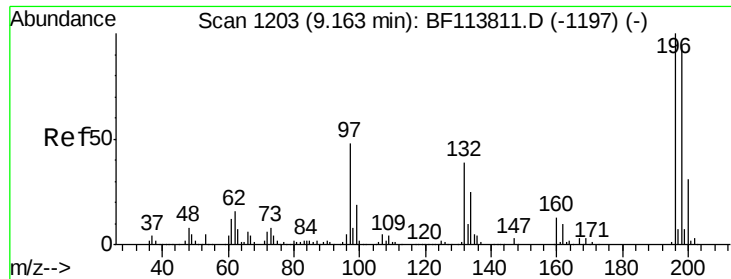
332 97.2 77.5 116.3

141 28.1 22.2 33.2



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

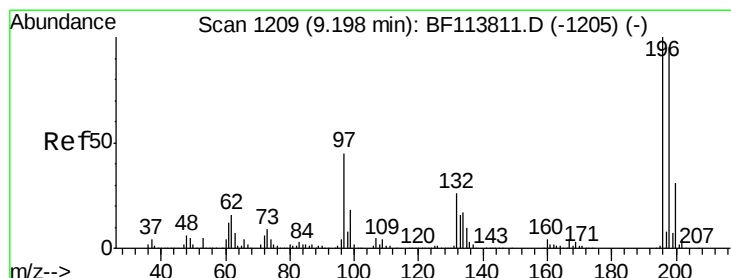
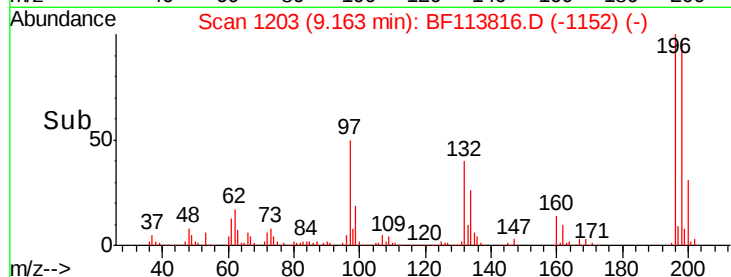
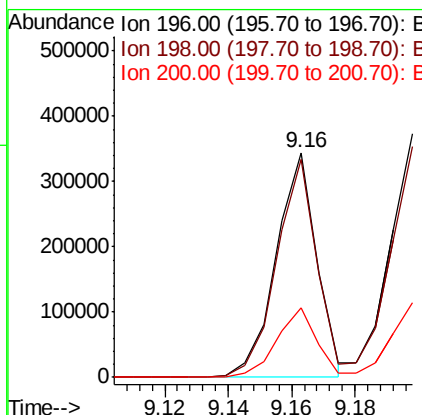
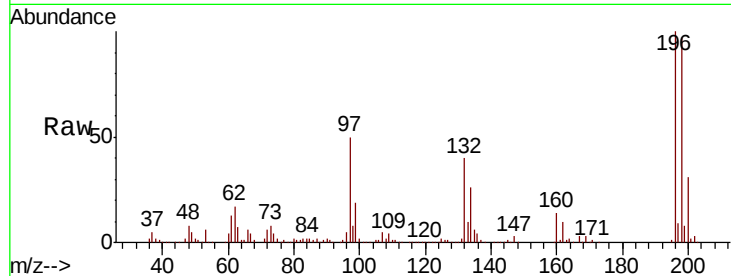




#43
 2,4,6-Trichlorophenol
 Concen: 40.663 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

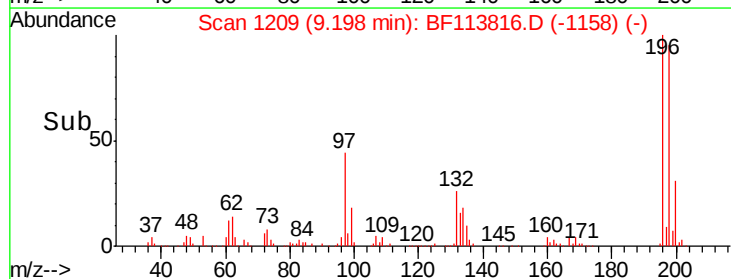
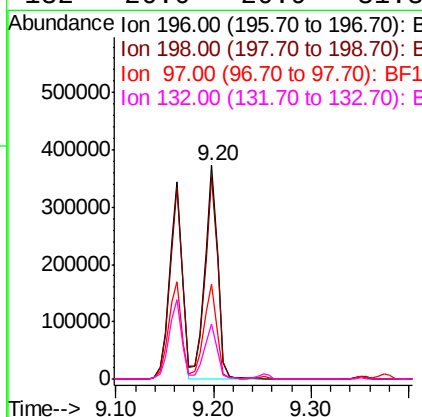
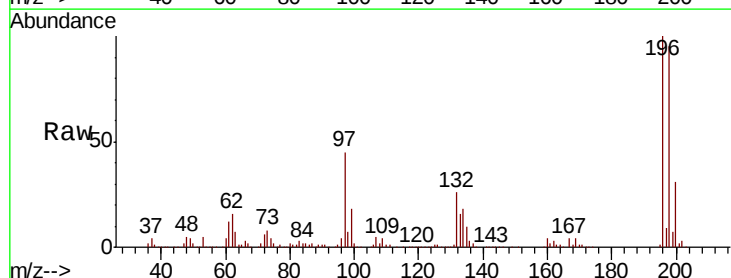
Instrument :
 BNA_F
 ClientSampled :

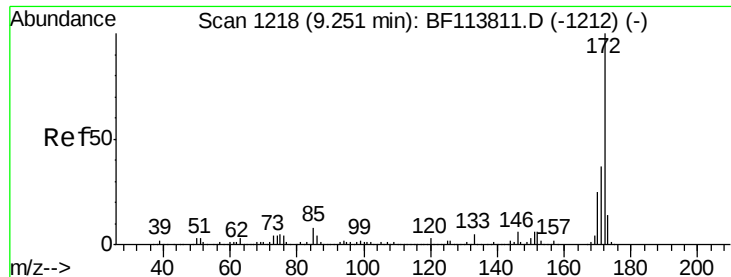
Tot Ion:196 Resp: 307111
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.6 113.4
 200 30.9 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.620 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion:196 Resp: 339227
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 97 44.6 35.8 53.8
 132 26.0 20.9 31.3

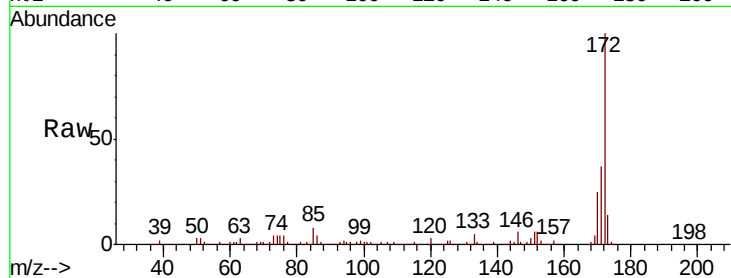




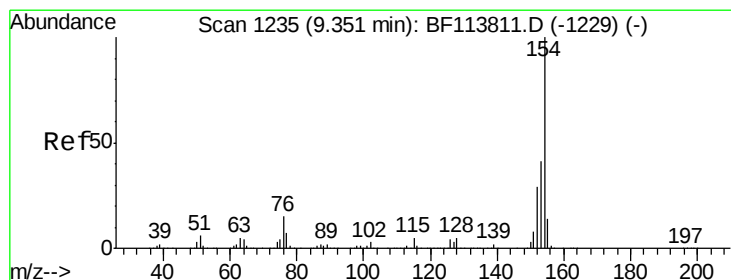
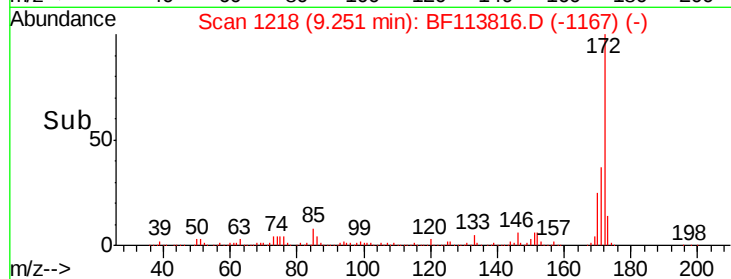
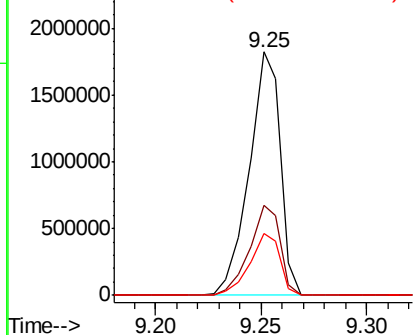
#45
2-Fluorobiphenyl
Concen: 77.030 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1867511
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 25.2 19.9 29.9

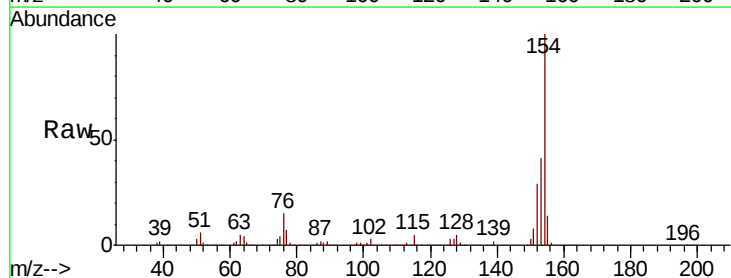


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

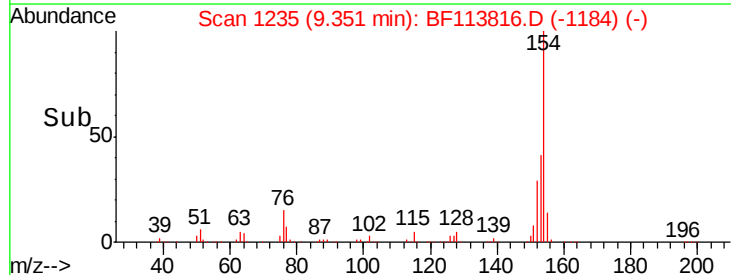
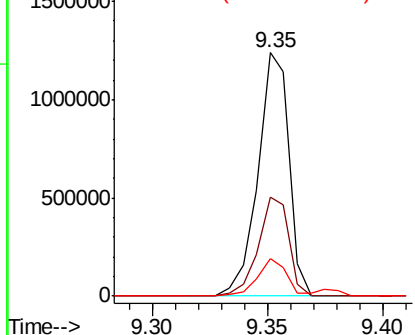


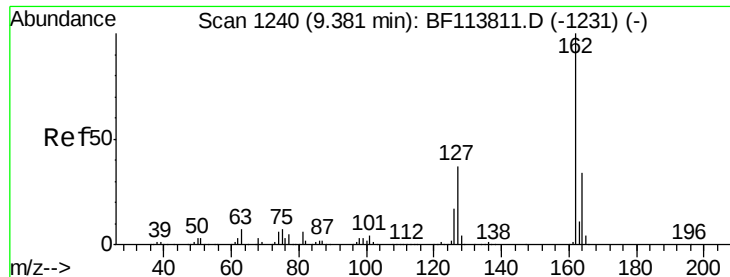
#46
1,1'-Biphenyl
Concen: 41.378 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:154 Resp: 1157660
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 15.2 0.0 35.2



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

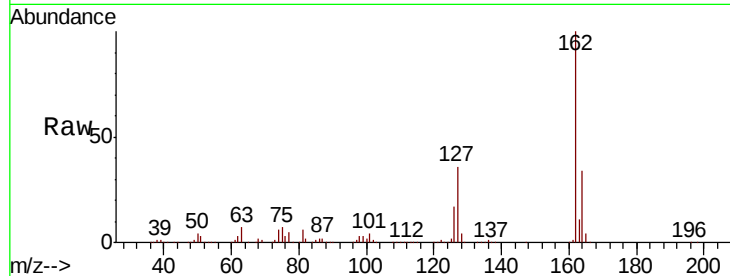




#47
2-Chloronaphthalene
Concen: 40.950 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.3	43.9
164	33.8	27.1	40.7

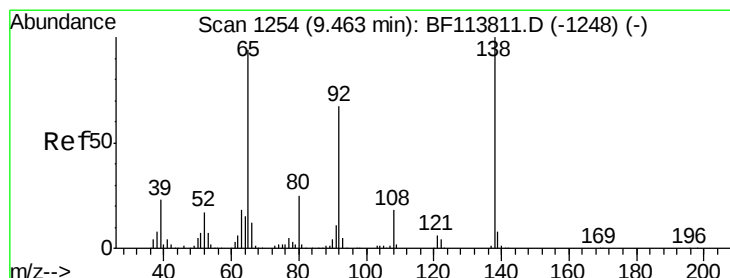
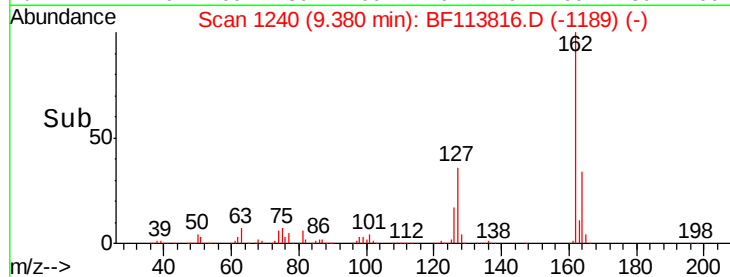
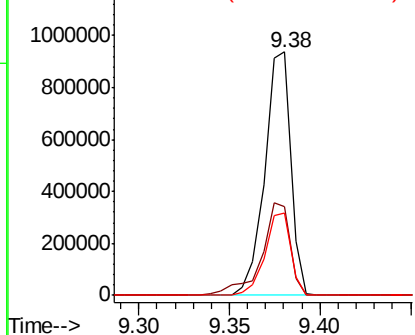


Abundance

Ion 162.00 (161.70 to 162.70): E

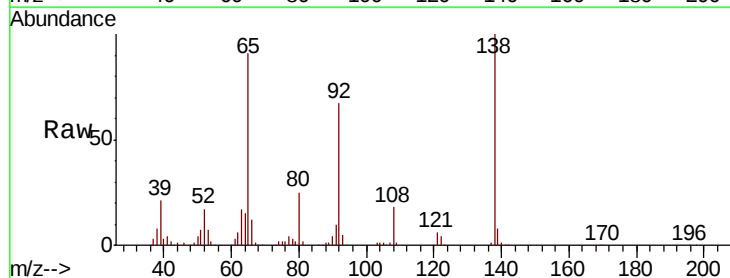
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.987 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.4	86.0
138	109.8	85.4	128.0

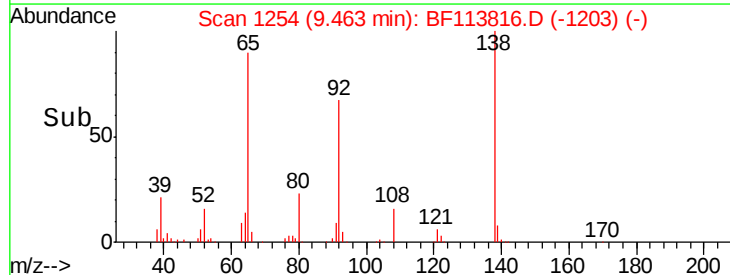
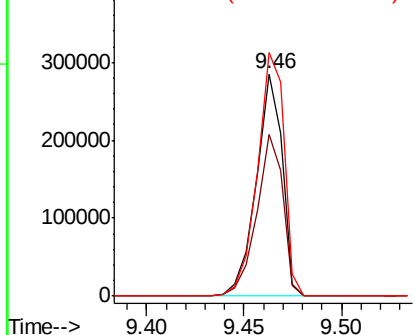


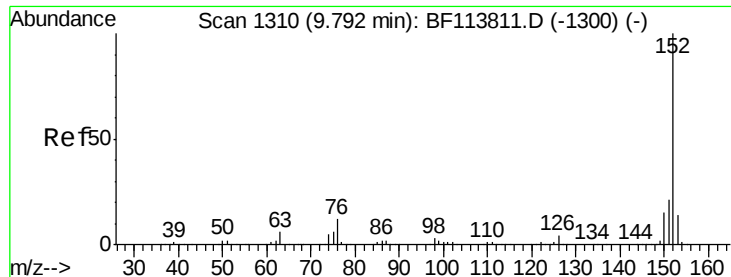
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.928 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

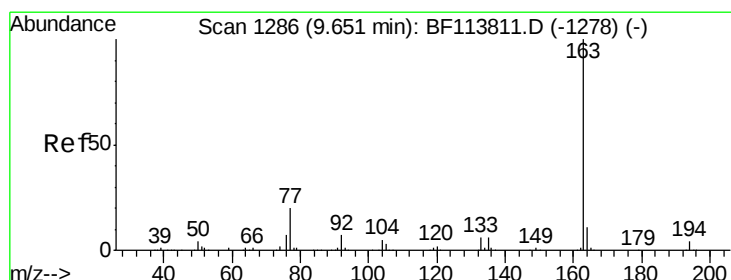
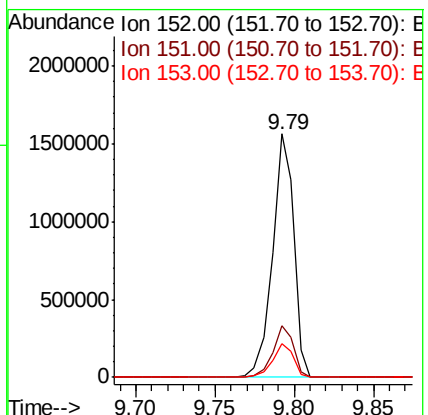
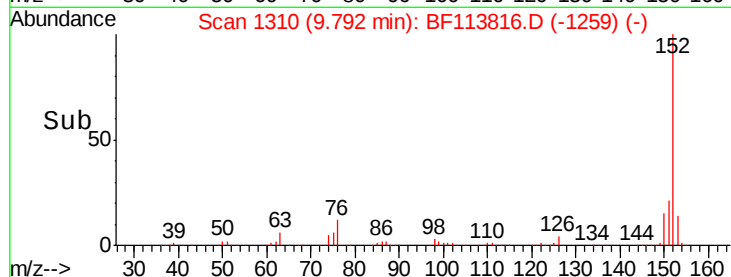
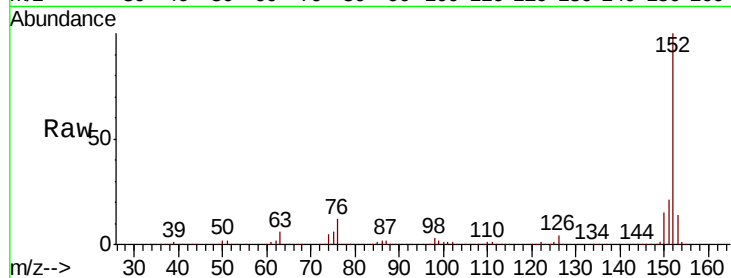
Tot Ion:152 Resp: 1466122

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

153 14.0 11.0 16.6



#50

Dimethylphthalate

Concen: 40.989 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

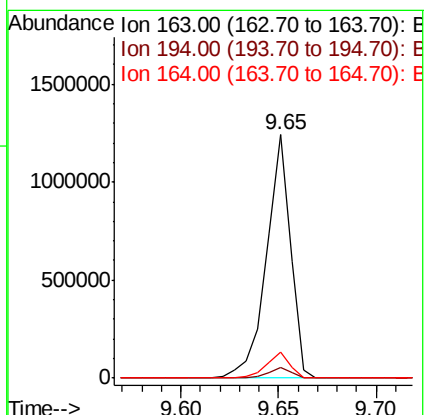
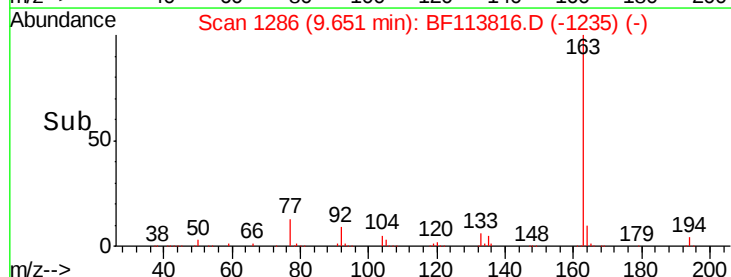
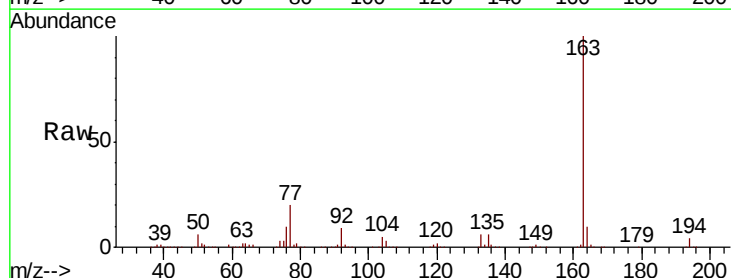
Tgt Ion:163 Resp: 1060571

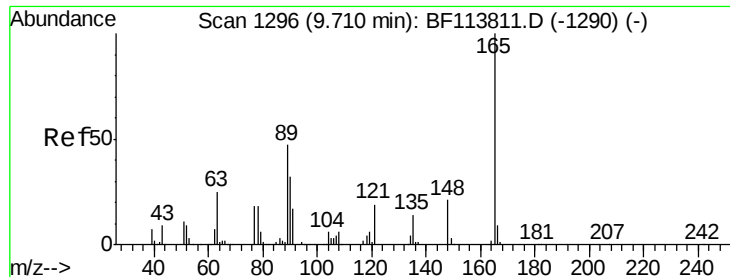
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 8.5 12.7

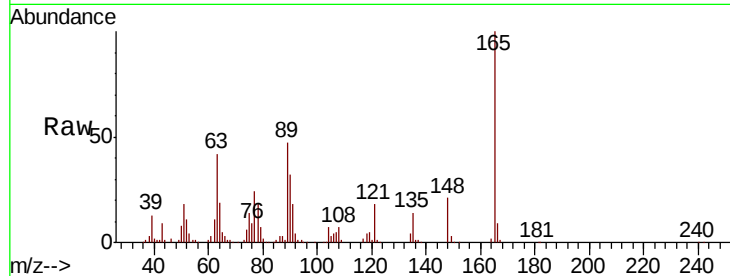




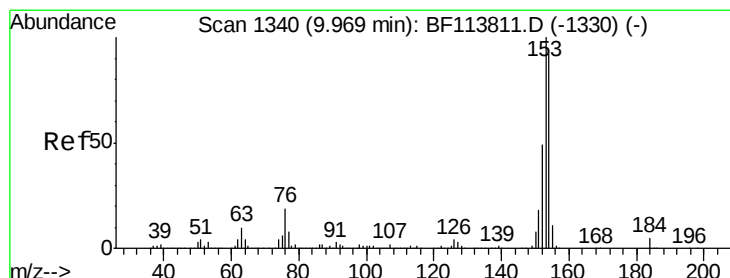
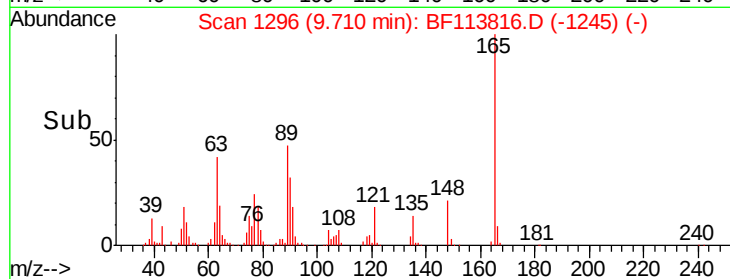
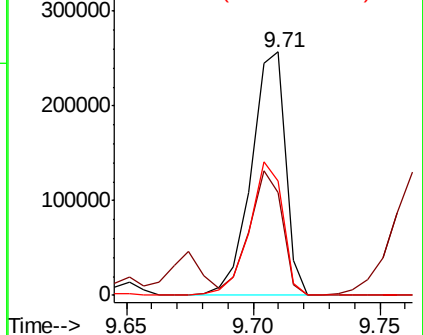
#51
 2,6-Dinitrotoluene
 Concen: 42.591 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 243207
 Ion Ratio Lower Upper
 165 100
 63 42.0 33.8 50.8
 89 46.7 38.2 57.2

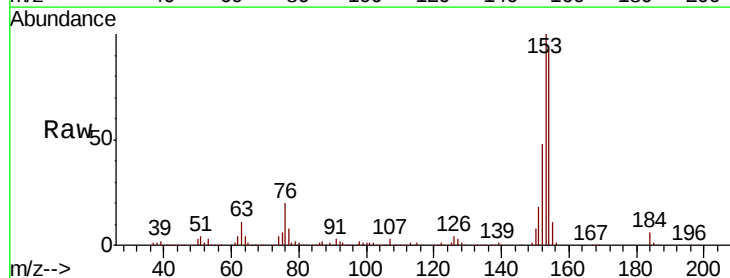


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

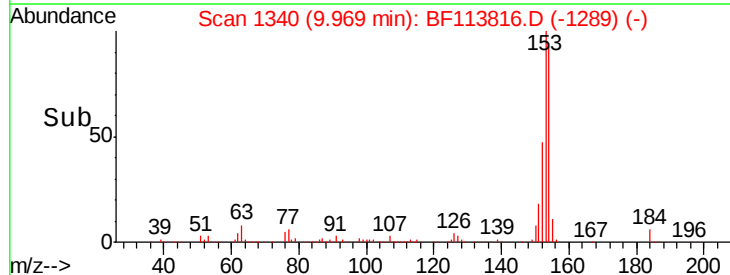
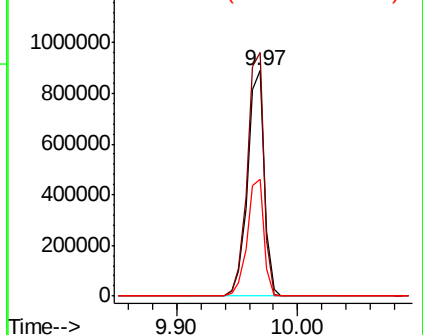


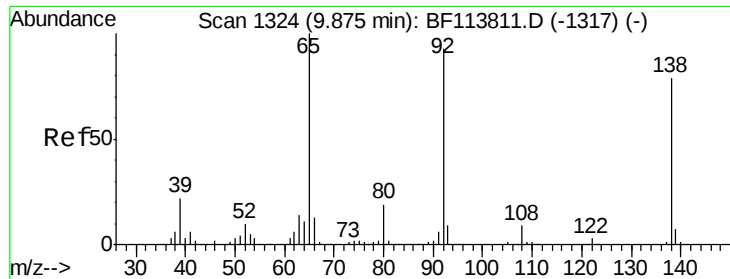
#52
 Acenaphthene
 Concen: 41.307 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion:154 Resp: 867944
 Ion Ratio Lower Upper
 154 100
 153 107.9 87.2 130.8
 152 51.7 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

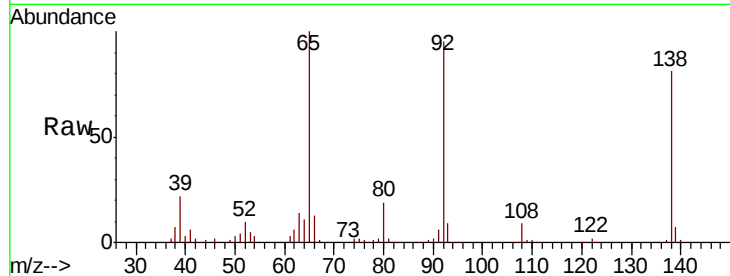




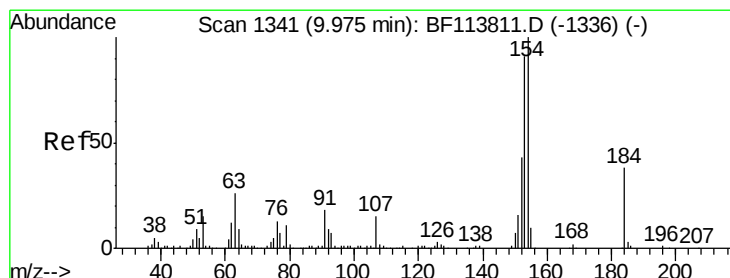
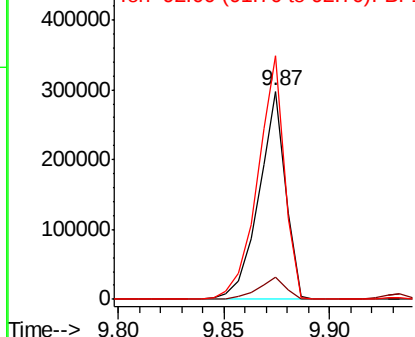
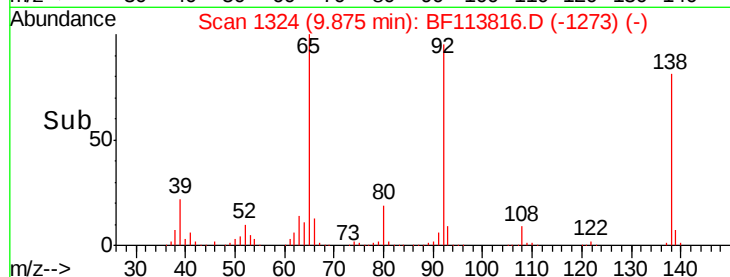
#53
3-Nitroaniline
Concen: 43.303 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 261837
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.2
92 116.9 94.1 141.1

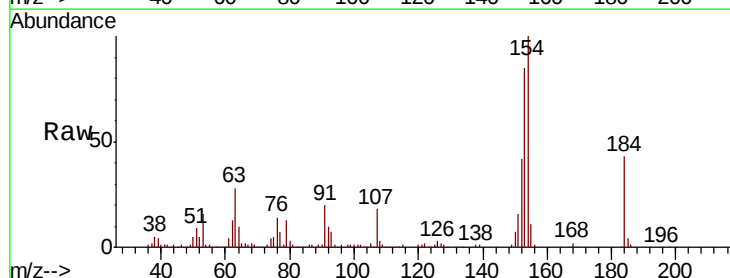


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

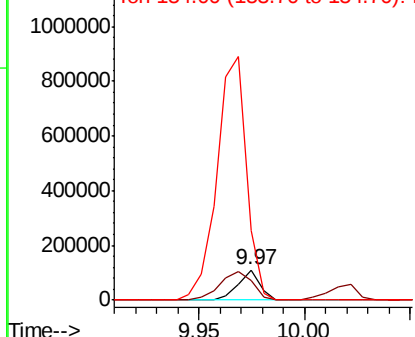
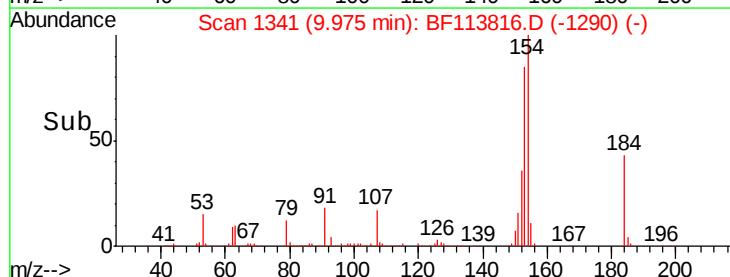


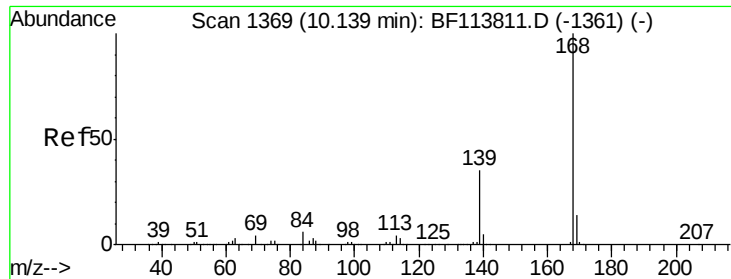
#54
2,4-Dinitrophenol
Concen: 42.155 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:184 Resp: 78798
Ion Ratio Lower Upper
184 100
63 64.8 54.6 81.8
154 233.7 218.6 328.0



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

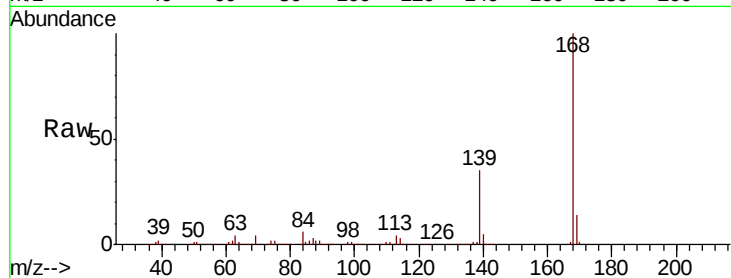




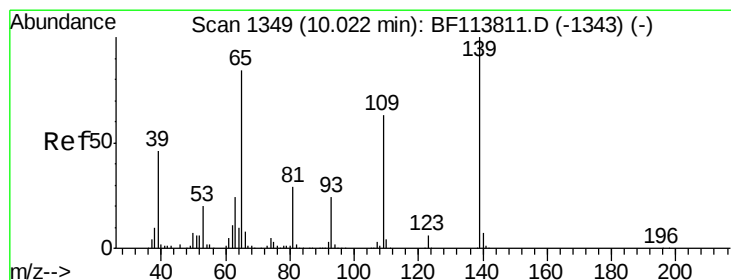
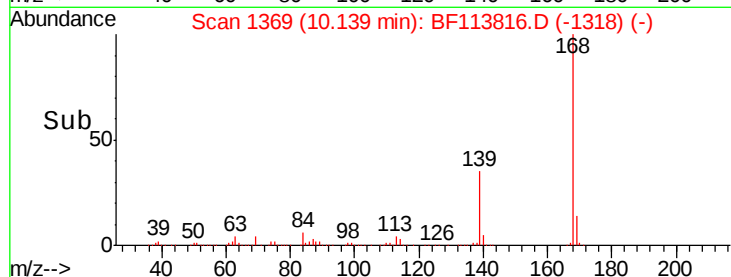
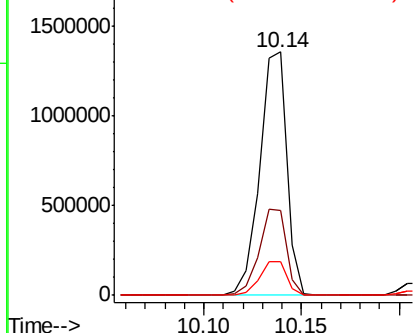
#55
Dibenzofuran
Concen: 41.485 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1305776
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.6
169 13.6 11.0 16.6

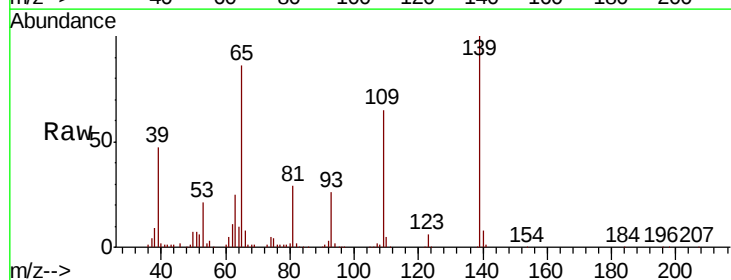


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

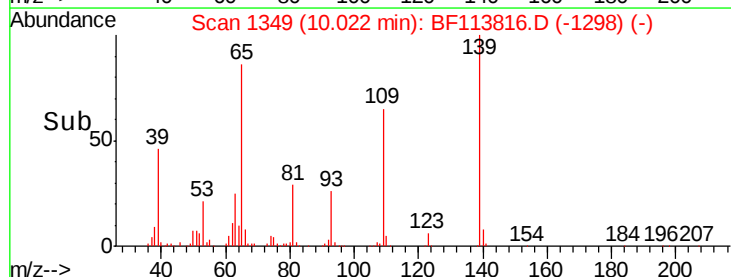
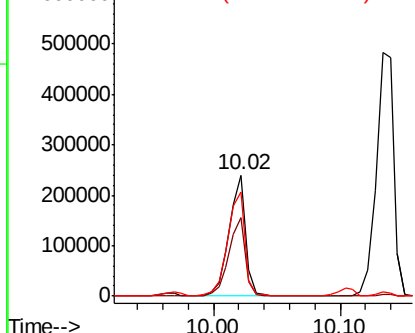


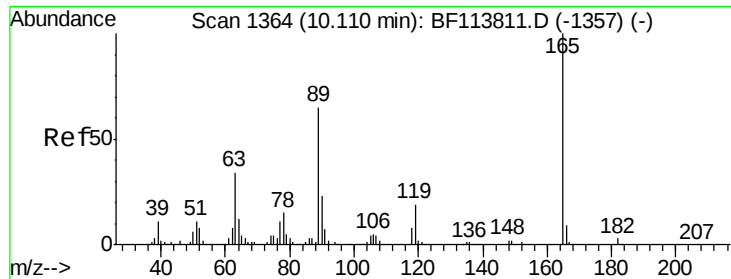
#56
4-Nitrophenol
Concen: 43.731 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:139 Resp: 215187
Ion Ratio Lower Upper
139 100
109 64.5 42.9 82.9
65 86.4 64.4 104.4



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

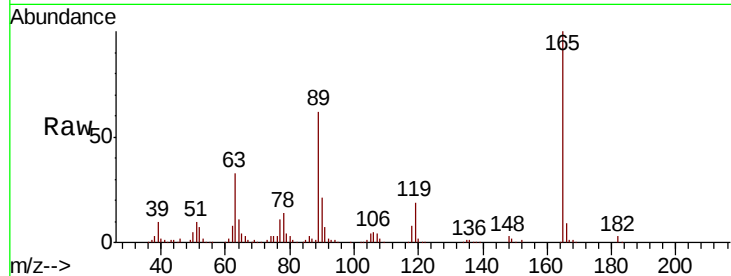




#57
2,4-Dinitrotoluene
Concen: 43.977 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.8	27.4	41.0
89	62.0	51.8	77.6
182	2.8	2.2	3.2



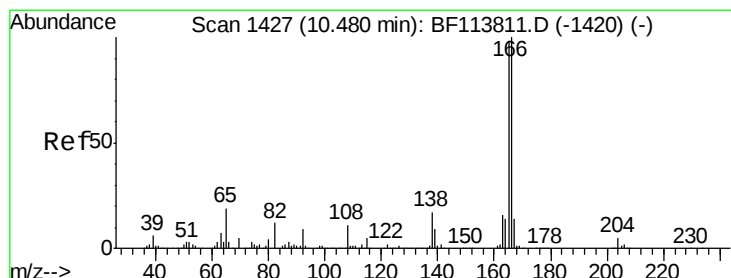
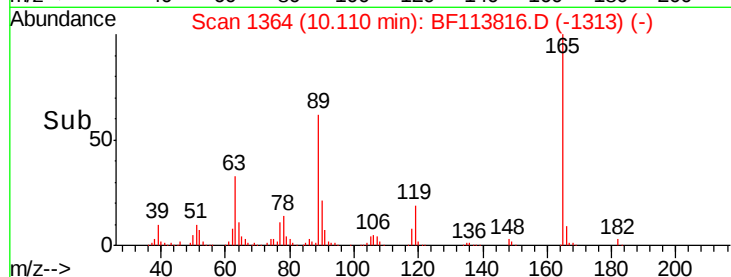
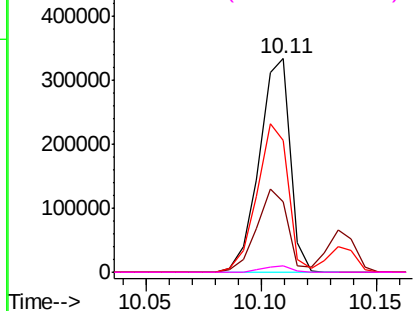
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

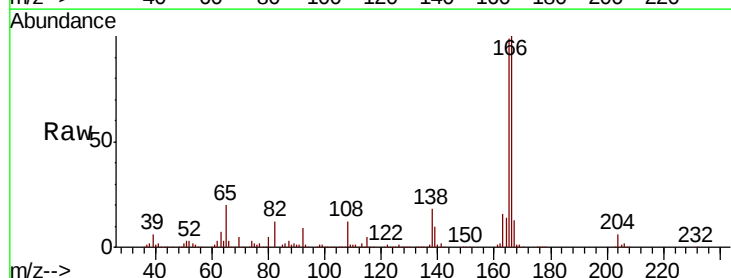
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.782 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	13.4	10.9	16.3

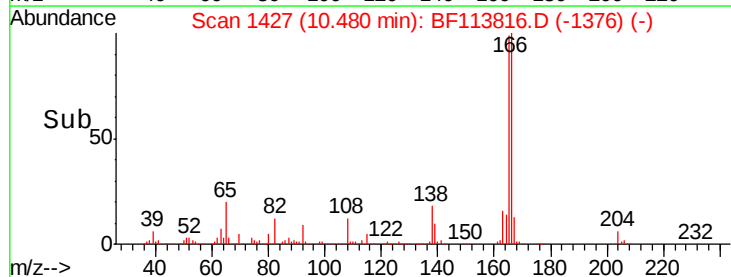
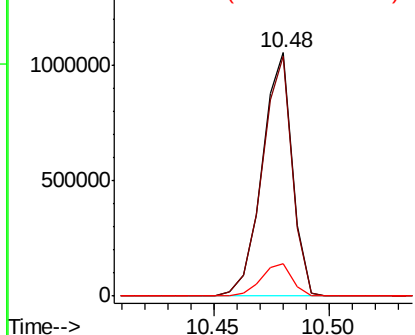


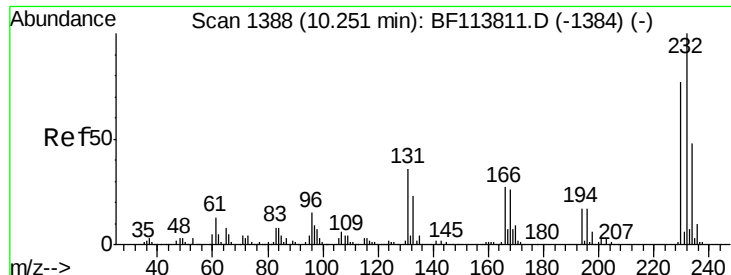
Abundance

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: 40.963 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 284902

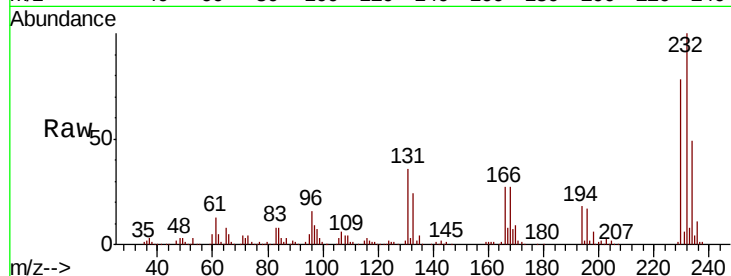
Ion Ratio Lower Upper

232 100

131 39.5 30.2 45.2

130 1.8 1.5 2.3

166 28.4 22.2 33.4

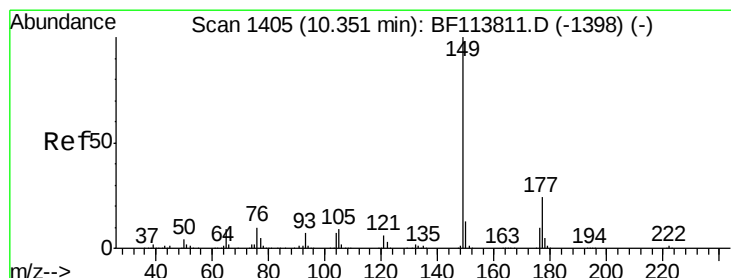
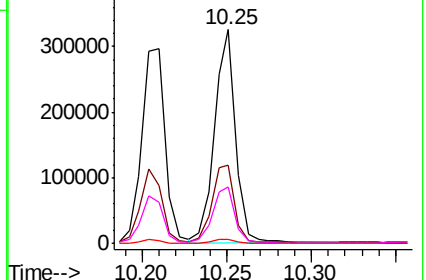
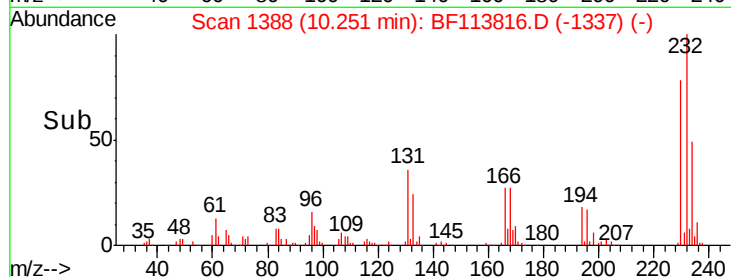


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.097 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

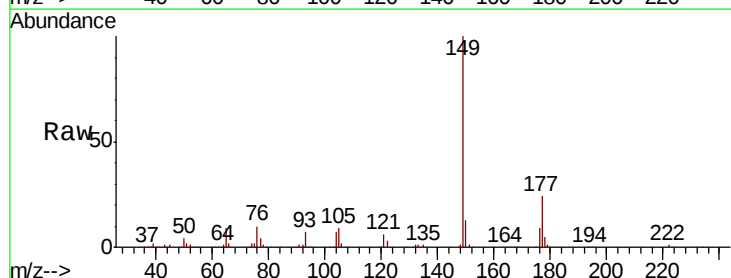
Tgt Ion:149 Resp: 1019111

Ion Ratio Lower Upper

149 100

177 24.0 19.2 28.8

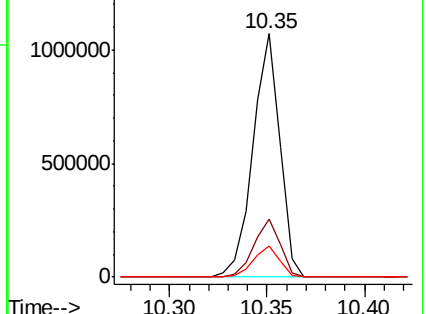
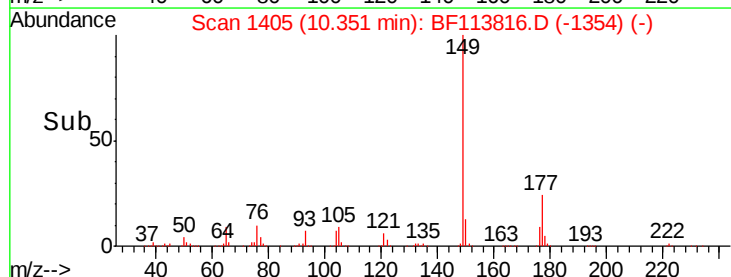
150 12.8 10.3 15.5

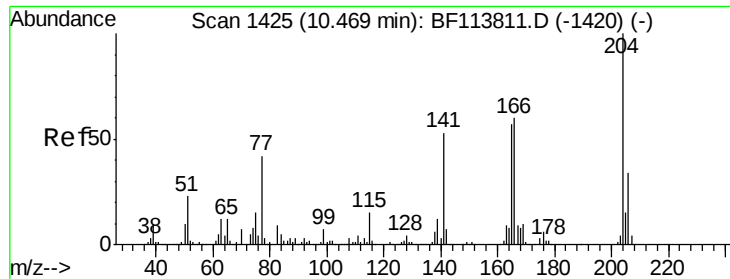


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

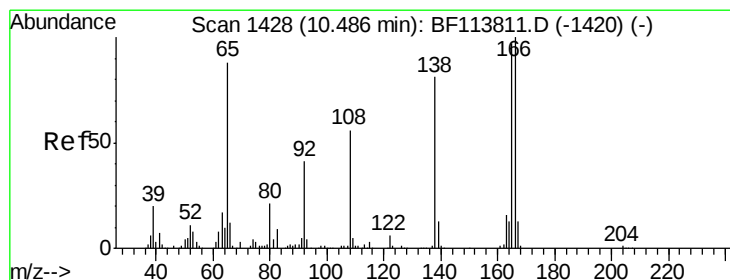
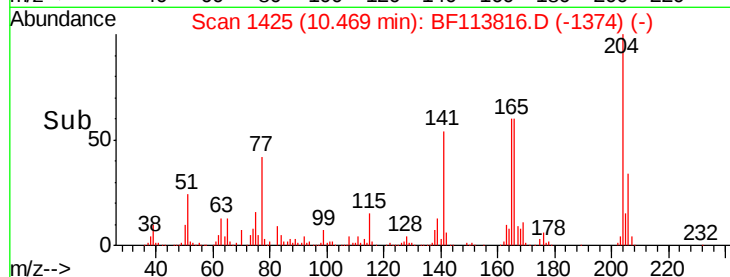
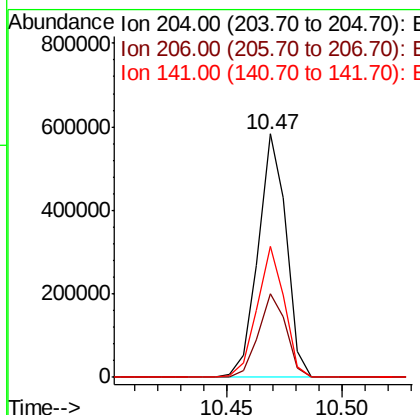
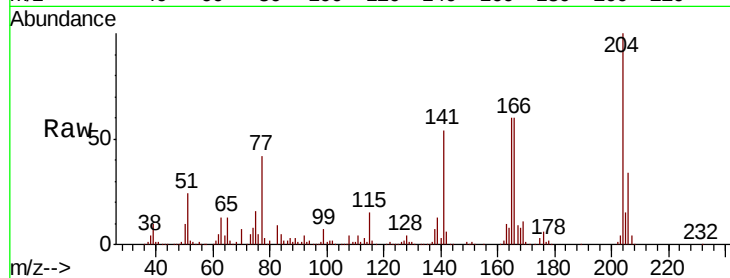




#61
4-Chlorophenyl-phenylether
Concen: 41.230 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

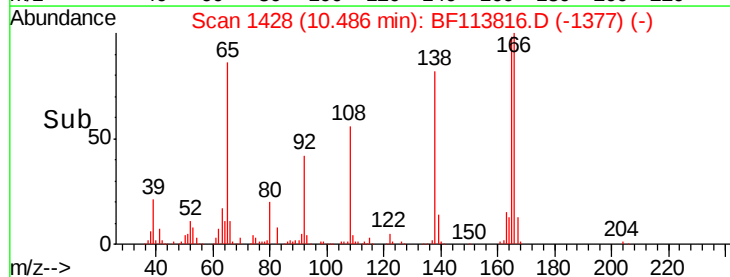
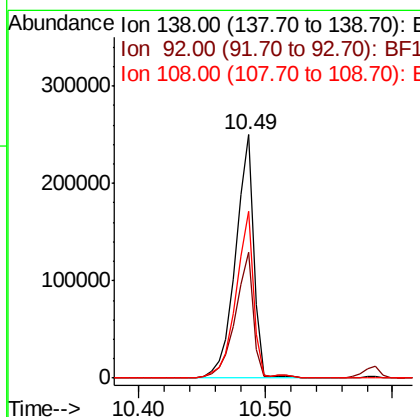
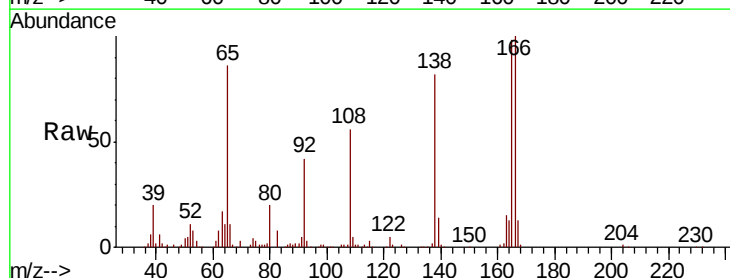
Instrument :
BNA_F
ClientSampleId :

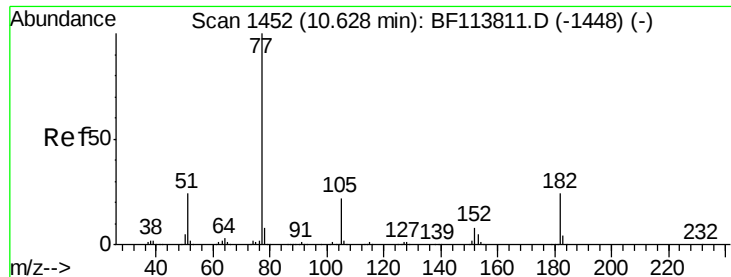
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	53.8	42.6	63.8



#62
4-Nitroaniline
Concen: 41.999 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.3	71.3
108	68.5	48.9	88.9





#63

Azobenzene

Concen: 40.964 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1043854

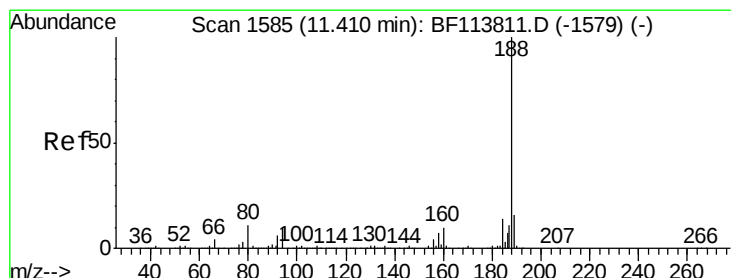
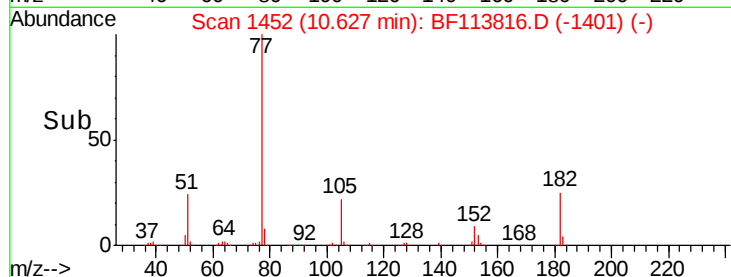
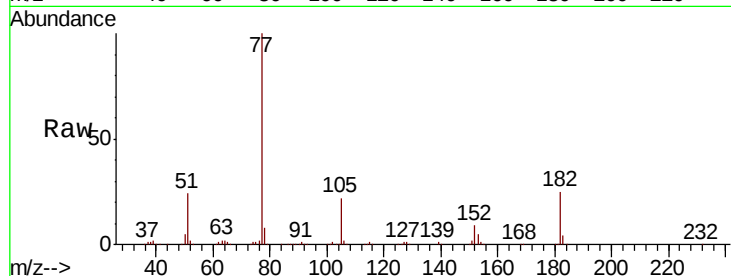
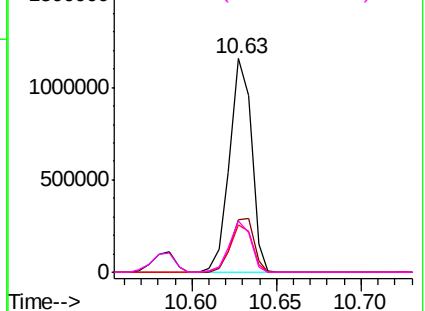
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.4	44.4
105	22.2	2.2	42.2
51	24.0	3.9	43.9

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

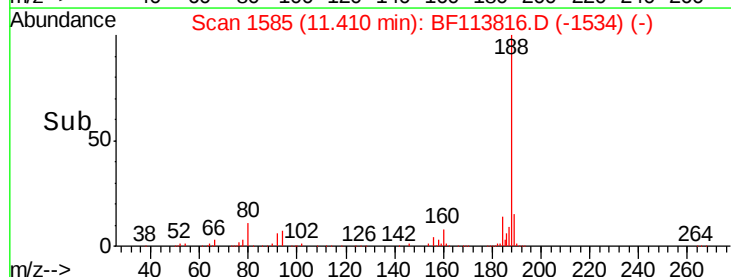
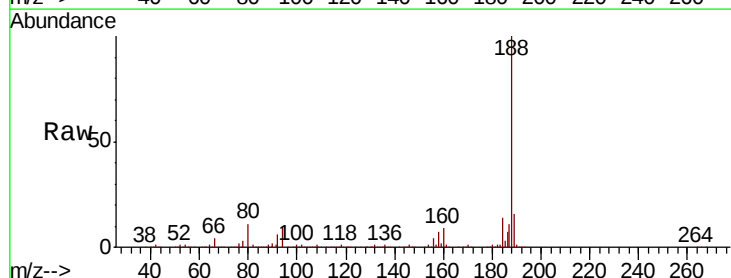
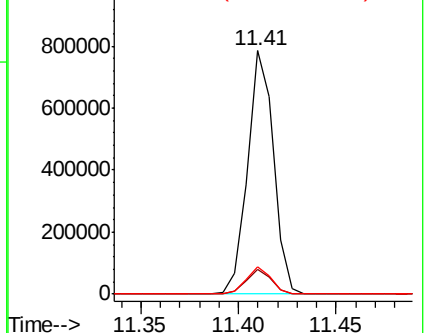
Tgt Ion: 188 Resp: 720674

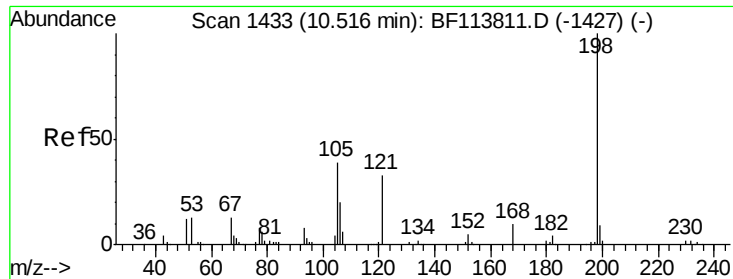
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	11.3	9.0	13.6

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

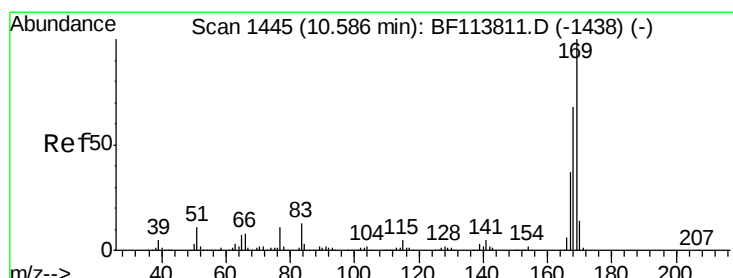
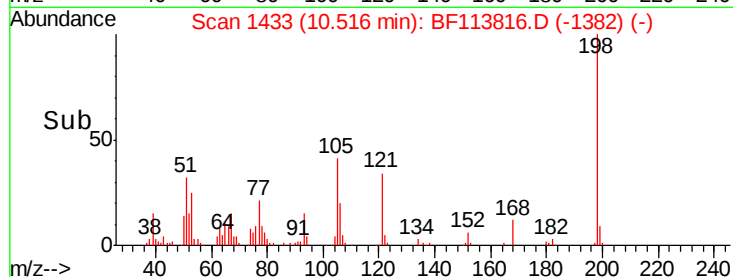
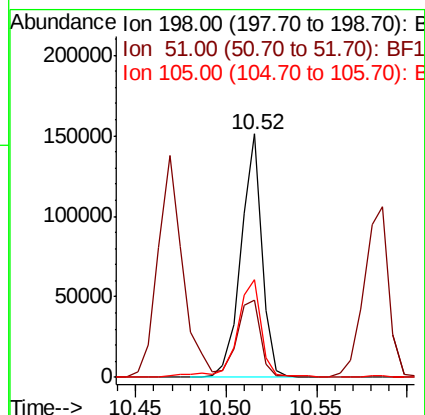
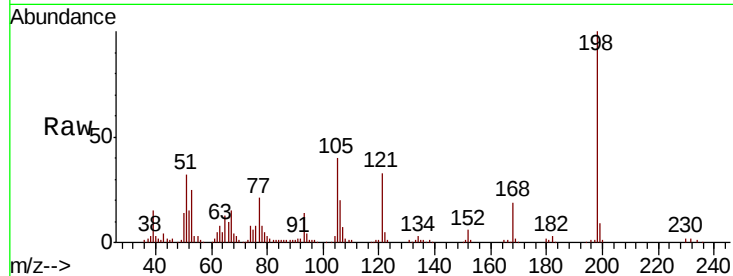




#65
4,6-Dinitro-2-methylphenol
Concen: 41.624 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

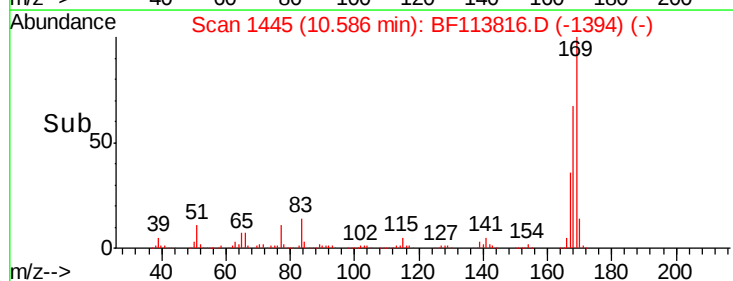
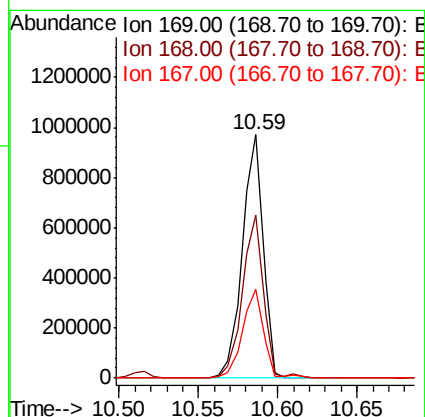
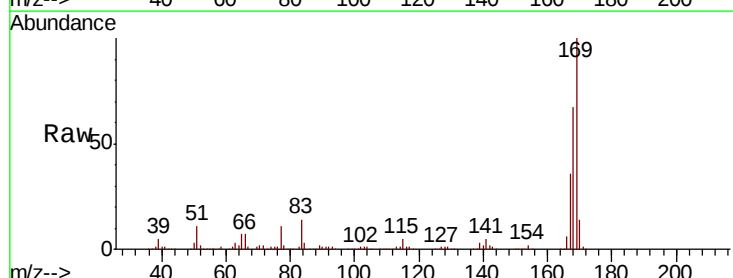
Instrument :
BNA_F
ClientSampleId :

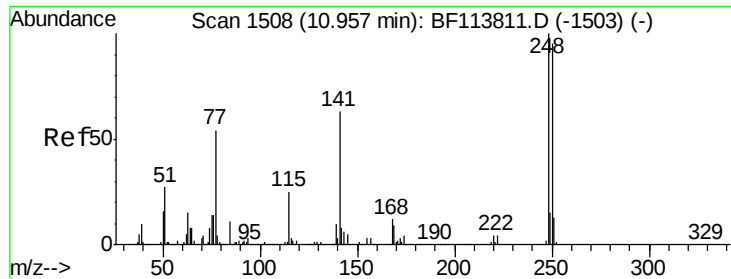
Tot Ion:198 Resp: 120776
Ion Ratio Lower Upper
198 100
51 31.8 11.1 51.1
105 40.1 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 40.406 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:169 Resp: 882691
Ion Ratio Lower Upper
169 100
168 66.7 54.3 81.5
167 36.5 29.4 44.0

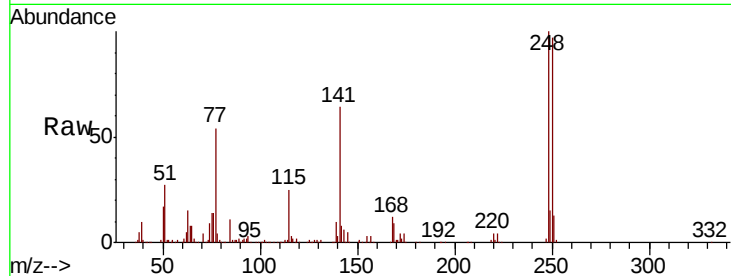




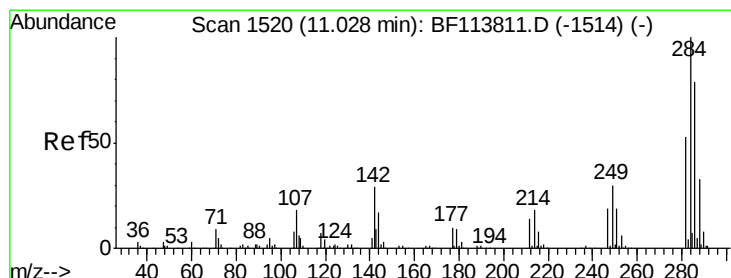
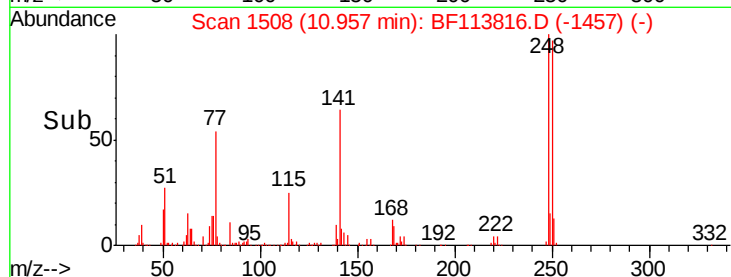
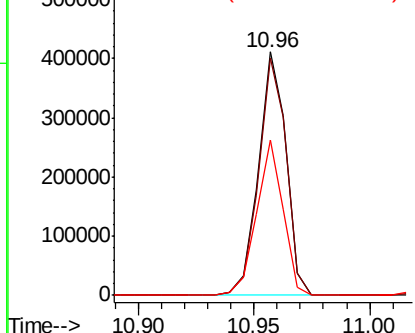
#67
4-Bromophenyl-phenylether
Concen: 40.506 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 342799
Ion Ratio Lower Upper
248 100
250 97.4 75.8 113.6
141 63.7 50.2 75.4

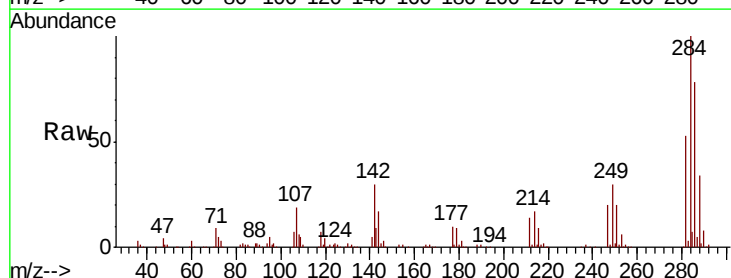


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

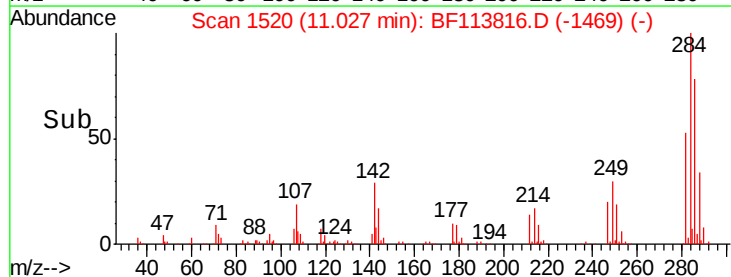
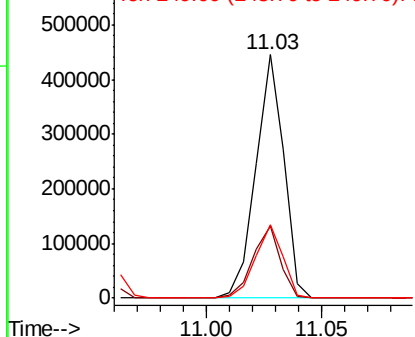


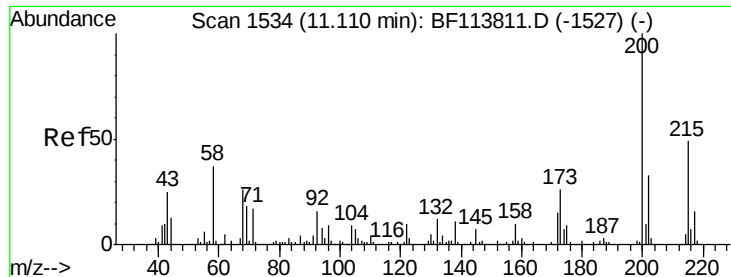
#68
Hexachlorobenzene
Concen: 40.608 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:284 Resp: 377941
Ion Ratio Lower Upper
284 100
142 29.5 23.0 34.4
249 30.2 24.4 36.6



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





#69

Atrazine

Concen: 40.414 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

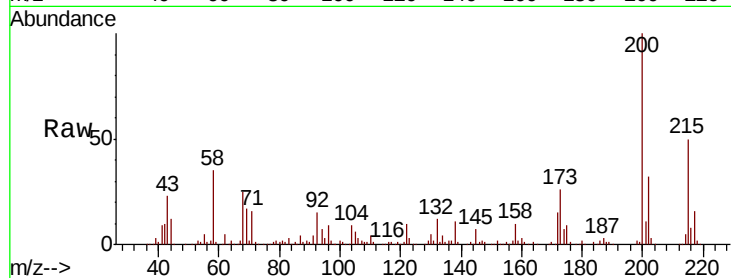
Tot Ion:200 Resp: 273152

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

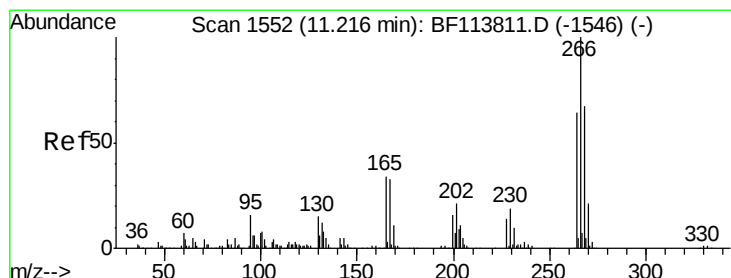
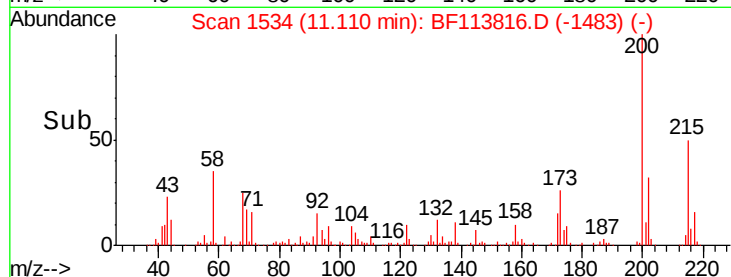
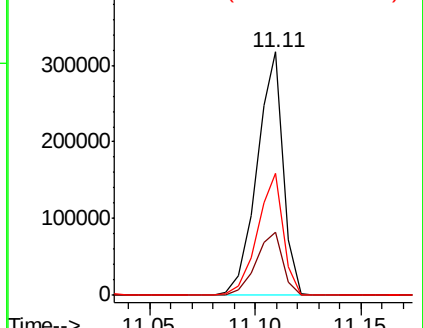
215 50.2 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.028 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

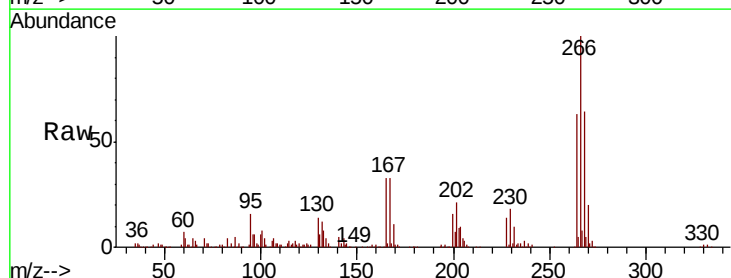
Tgt Ion:266 Resp: 221748

Ion Ratio Lower Upper

266 100

268 64.0 53.5 80.3

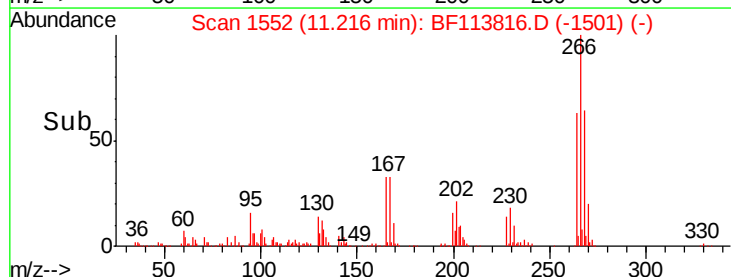
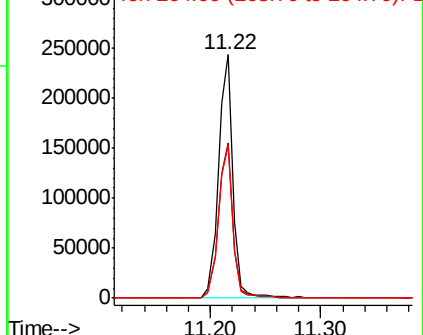
264 62.8 51.0 76.6

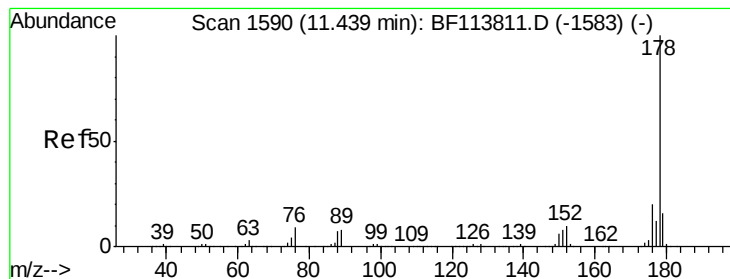


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.576 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

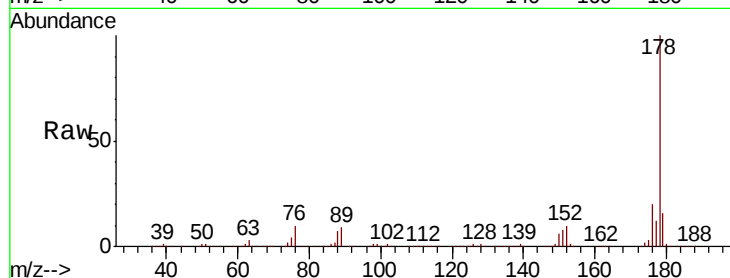
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1489329

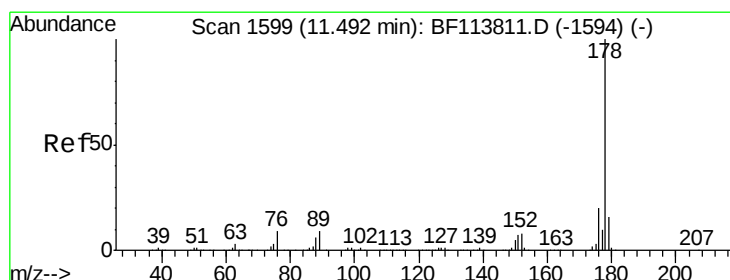
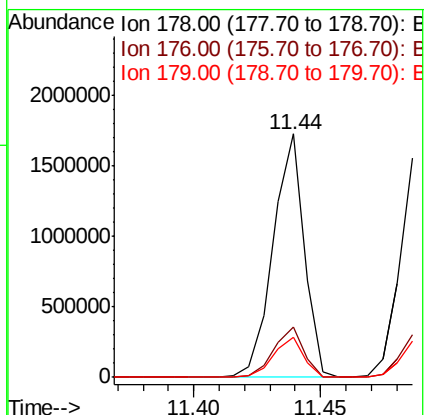
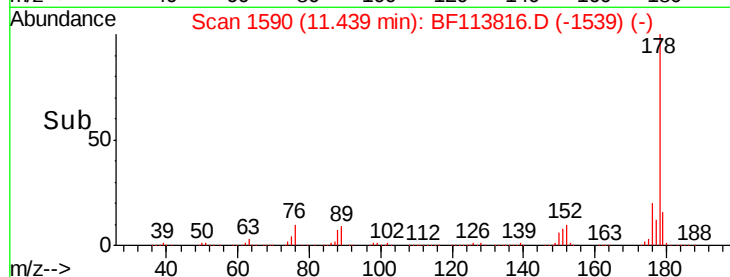
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	16.2	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.910 ng

RT: 11.49 min Scan# 1599

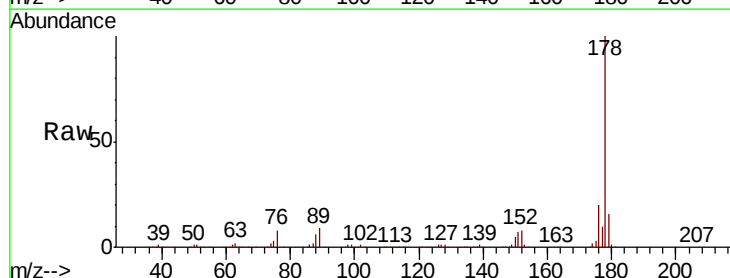
Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:178 Resp: 1513154

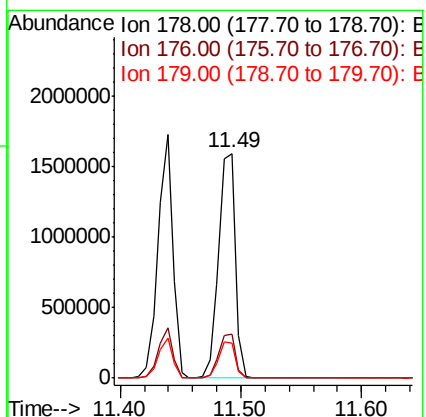
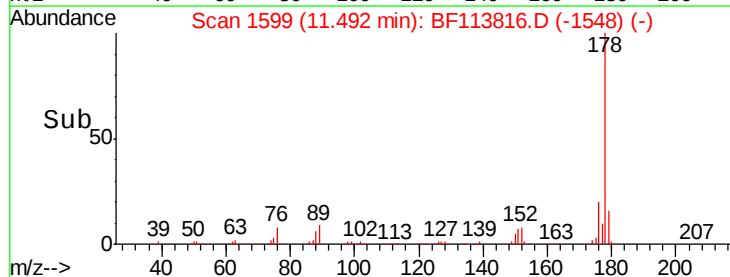
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.8	13.0	19.4

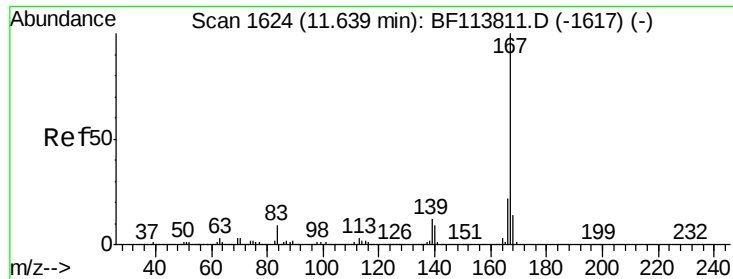


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

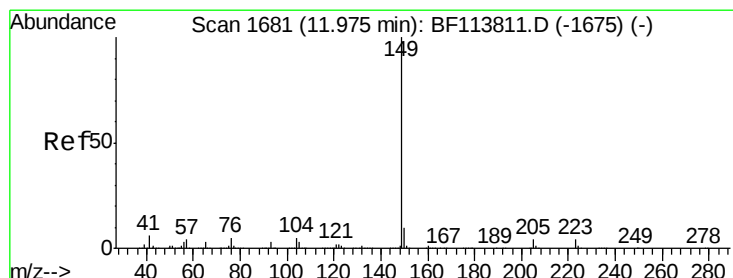
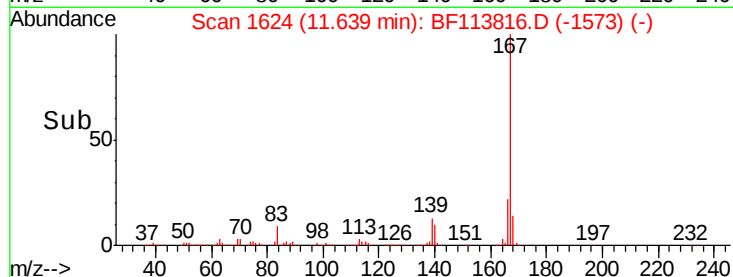
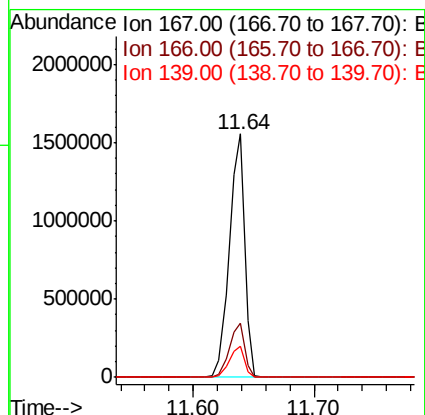
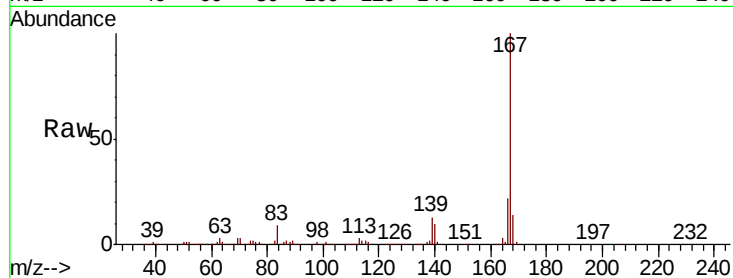




#73
 Carbazole
 Concen: 40.823 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

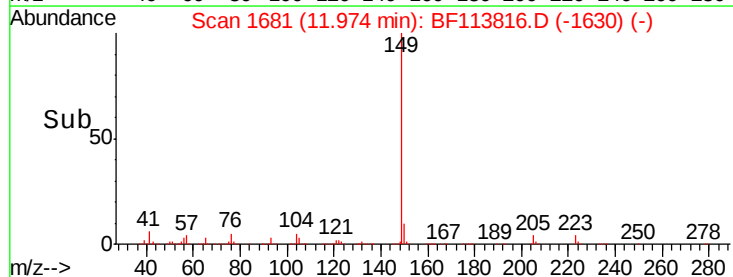
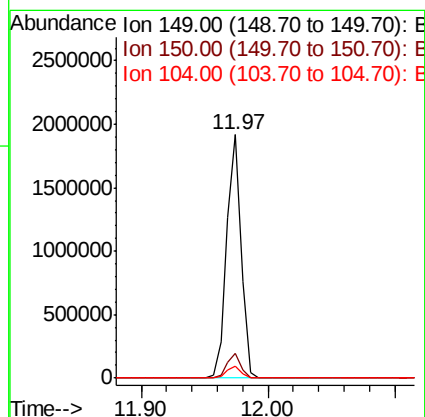
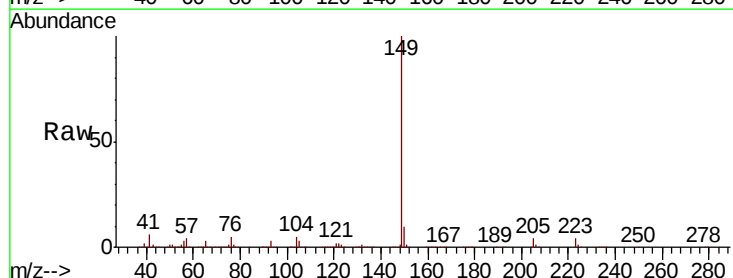
Instrument :
 BNA_F
 ClientSampleId :

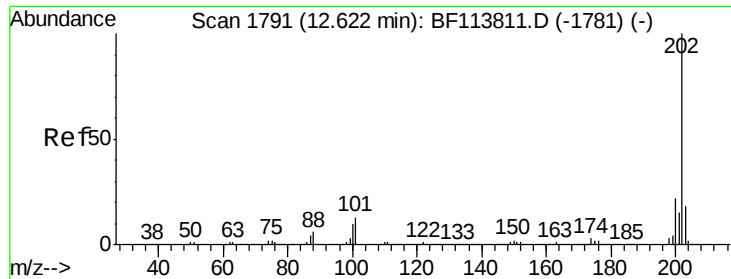
Tot Ion:167 Resp: 1370912
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 40.649 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion:149 Resp: 1519252
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.8 3.8 5.8

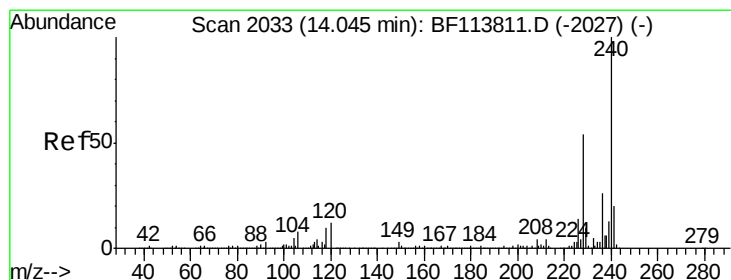
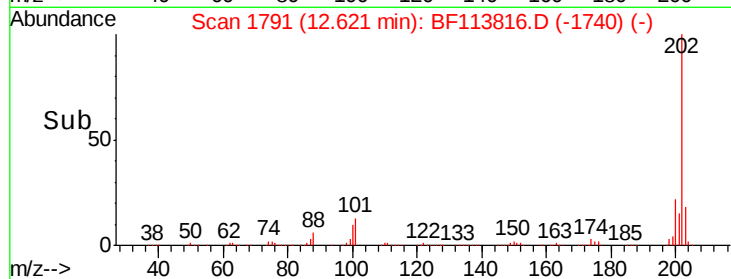
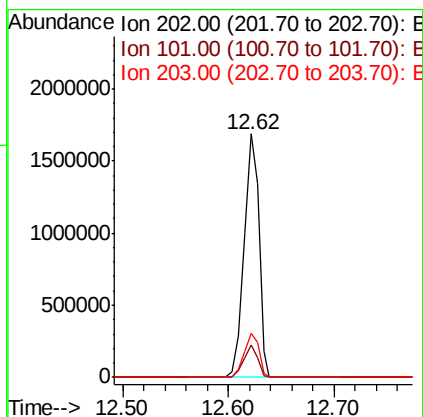
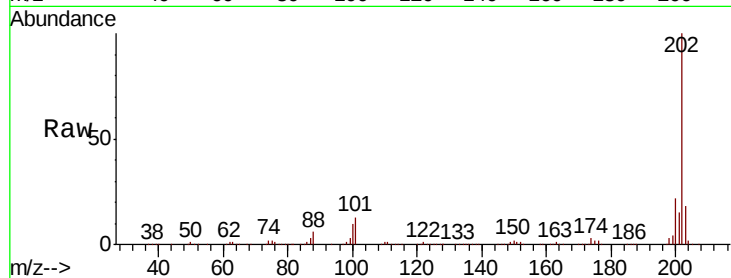




#75
 Fluoranthene
 Concen: 41.411 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

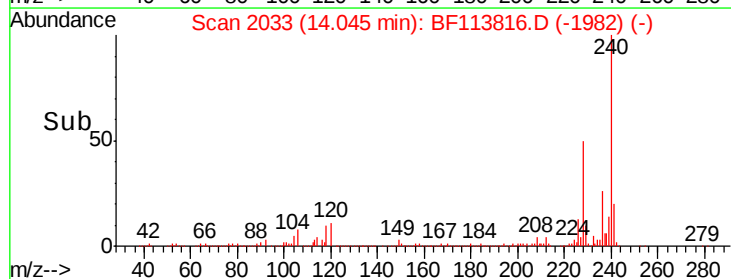
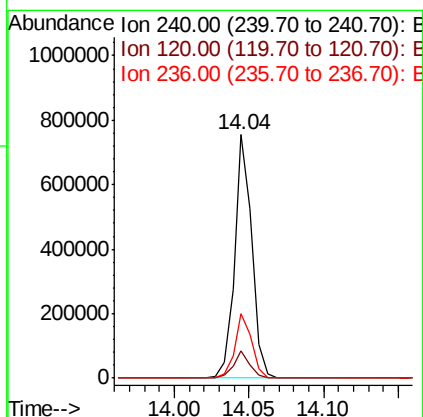
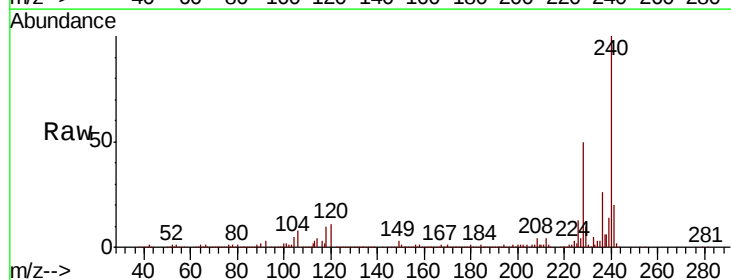
Instrument :
 BNA_F
 ClientSampleId :

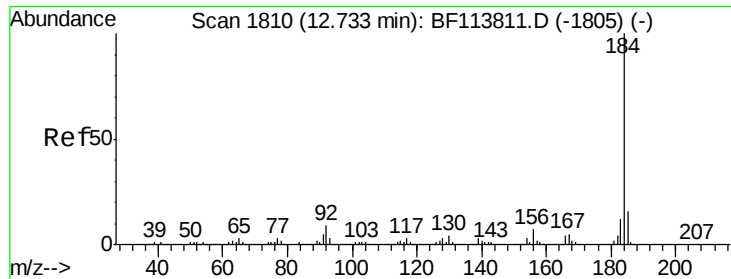
Tot Ion:202 Resp: 1610851
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 32.9
 203 18.2 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion:240 Resp: 612532
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.3 13.9
 236 26.4 21.2 31.8

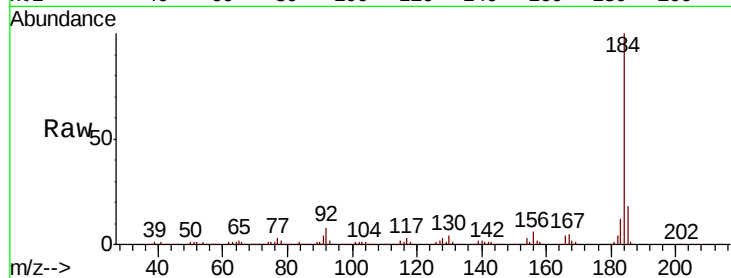




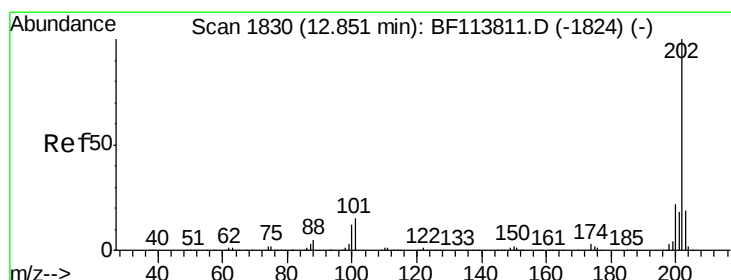
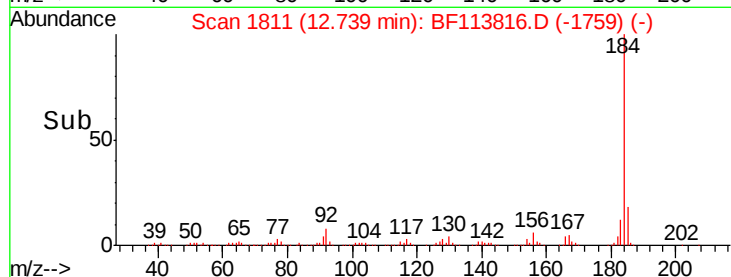
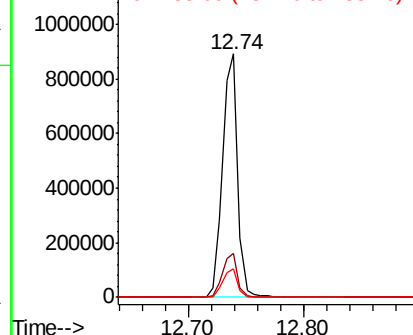
#77
Benzidine
Concen: 46.034 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 807127
Ion Ratio Lower Upper
184 100
185 17.8 13.0 19.6
183 11.9 9.4 14.0

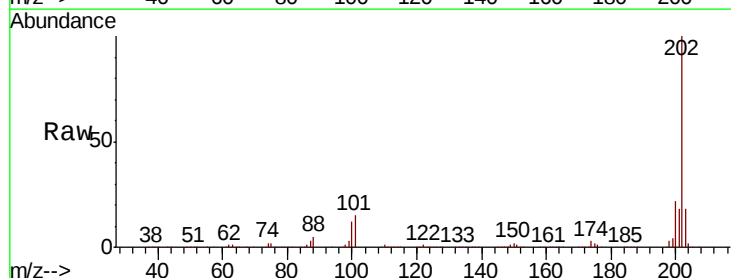


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

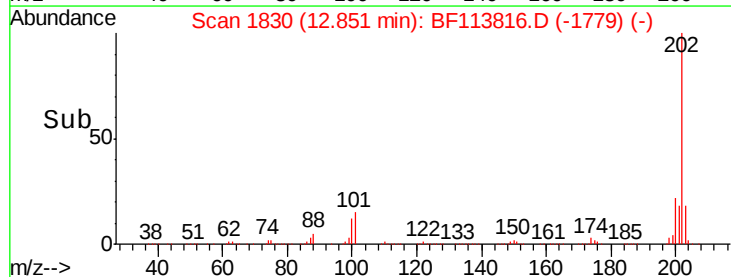
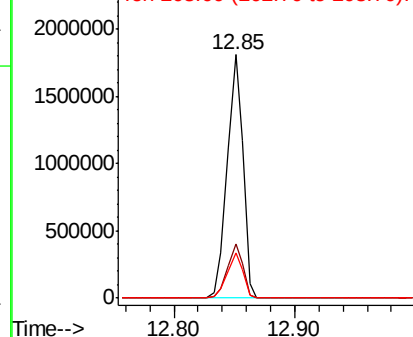


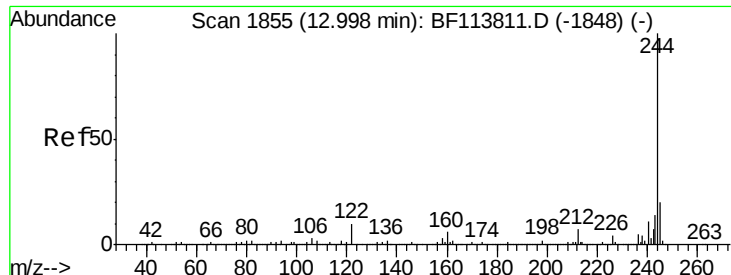
#78
Pyrene
Concen: 37.740 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:202 Resp: 1629182
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.3 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.399 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampled :

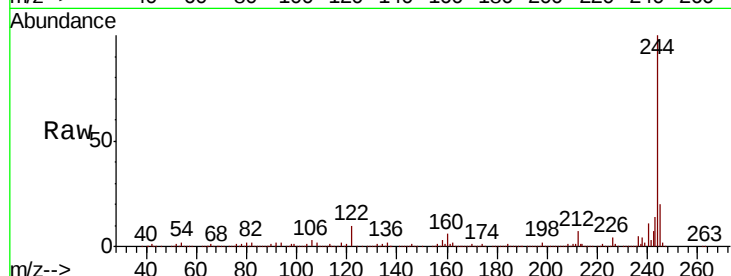
Tot Ion:244 Resp: 2231656

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.6 7.6 11.4

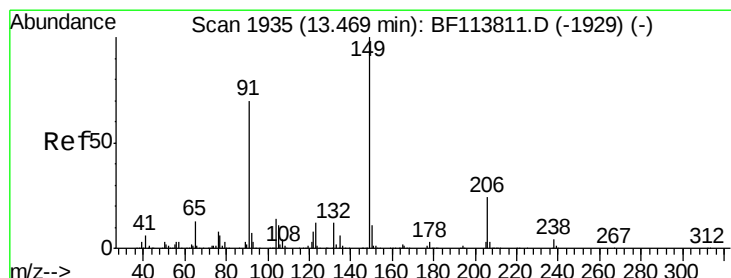
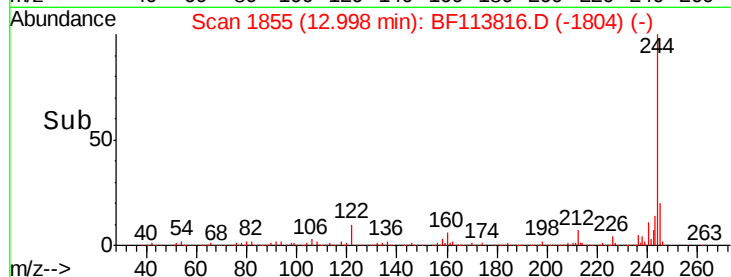
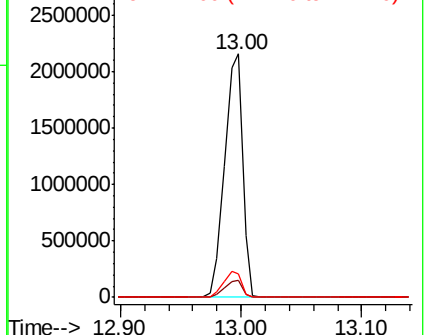


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.427 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

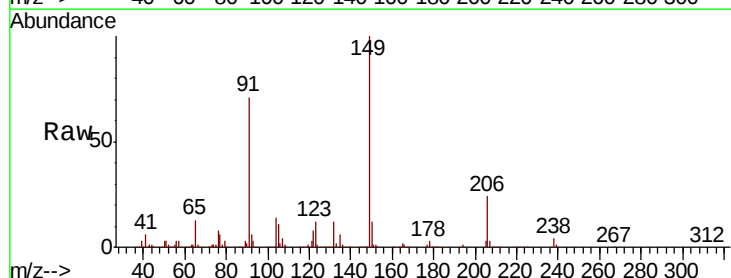
Tgt Ion:149 Resp: 630489

Ion Ratio Lower Upper

149 100

91 70.9 56.3 84.5

206 23.5 19.0 28.6

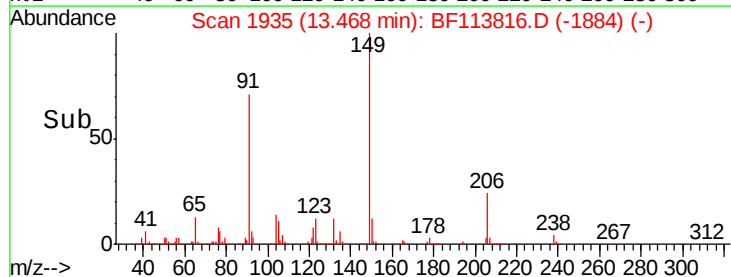
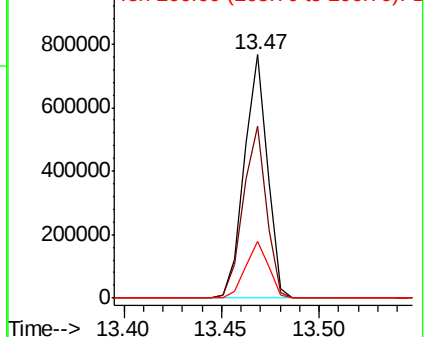


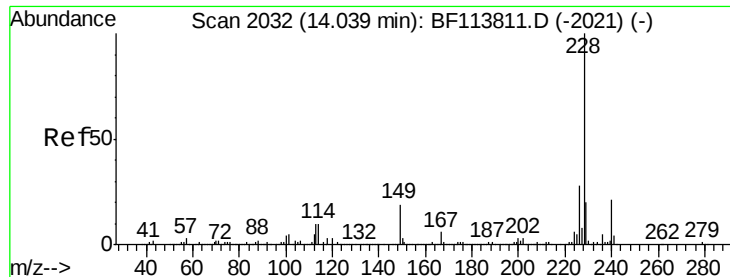
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



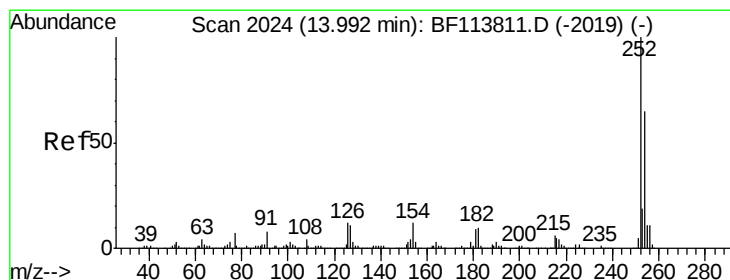
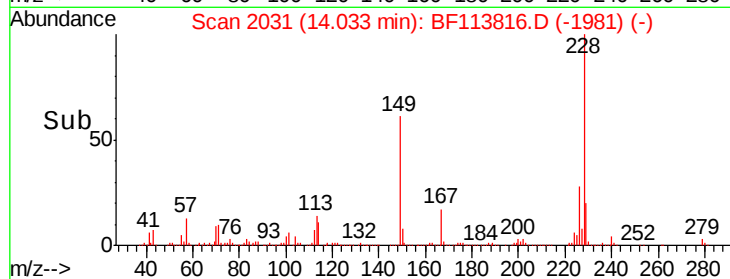
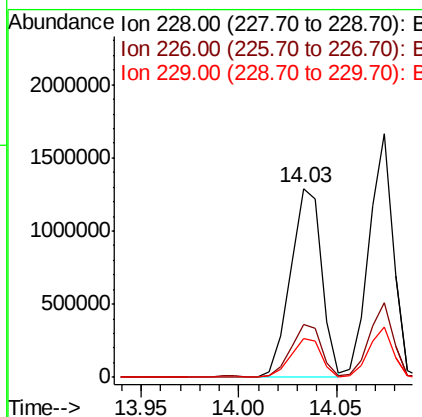
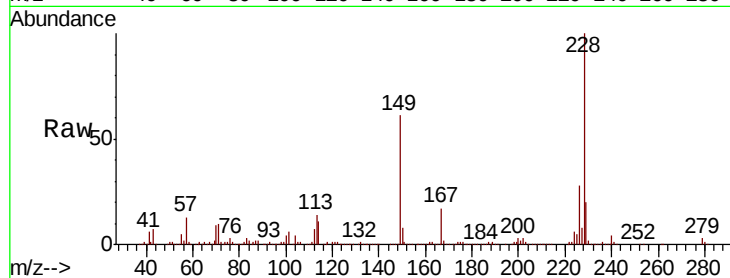


#81
Benzo(a)anthracene
Concen: 39.825 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1425977

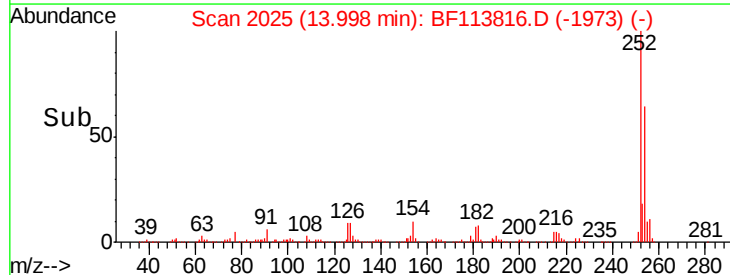
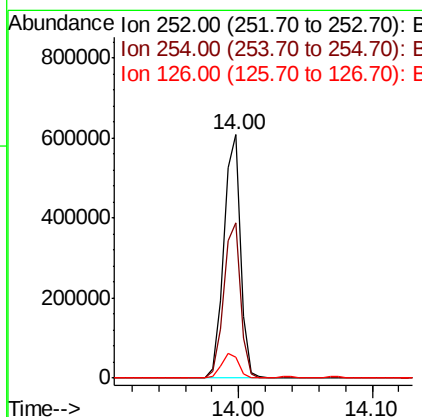
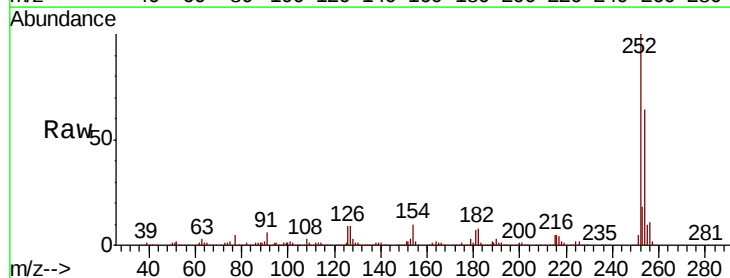
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.3	16.0	24.0

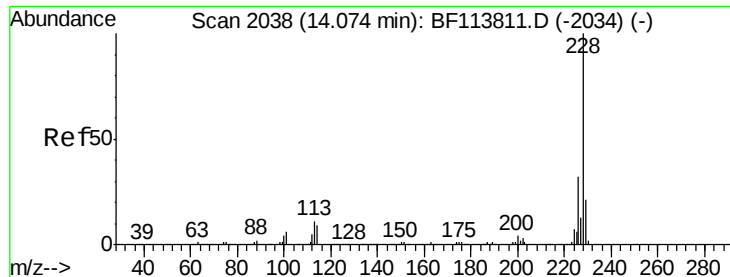


#82
3,3'-Dichlorobenzidine
Concen: 42.484 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:252 Resp: 540661

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	8.6	9.3	13.9#





#83

Chrysene

Concen: 40.336 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

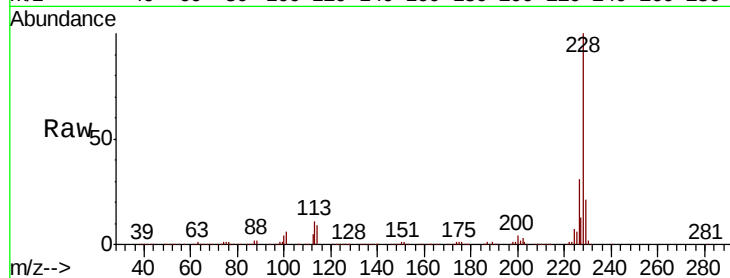
Tot Ion:228 Resp: 1433495

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

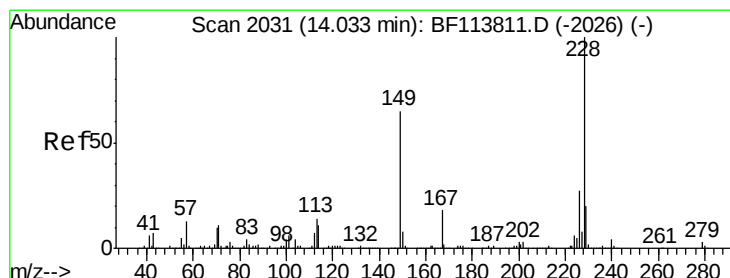
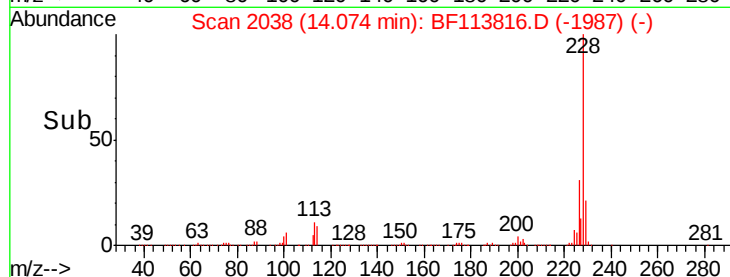
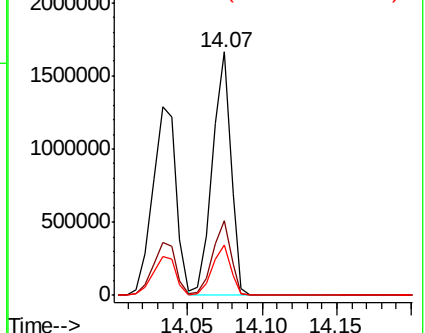
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.153 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

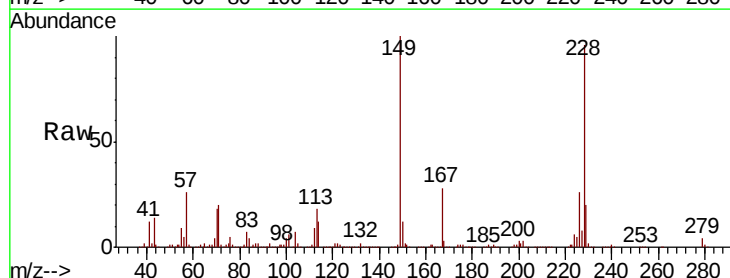
Tgt Ion:149 Resp: 768173

Ion Ratio Lower Upper

149 100

167 27.7 22.9 34.3

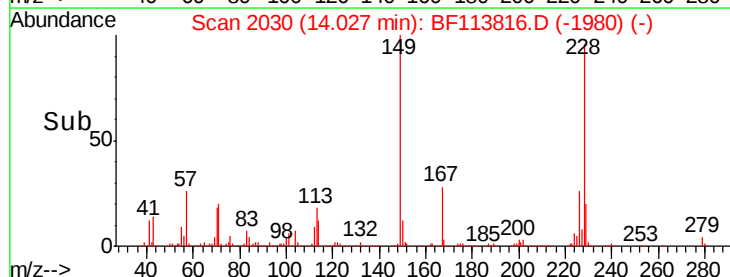
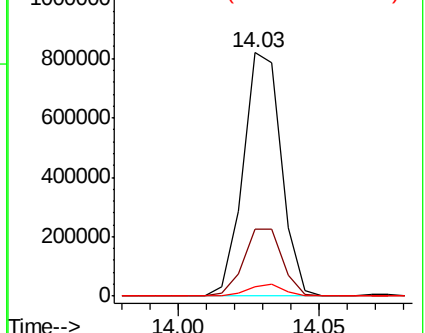
279 3.9 4.2 6.2#

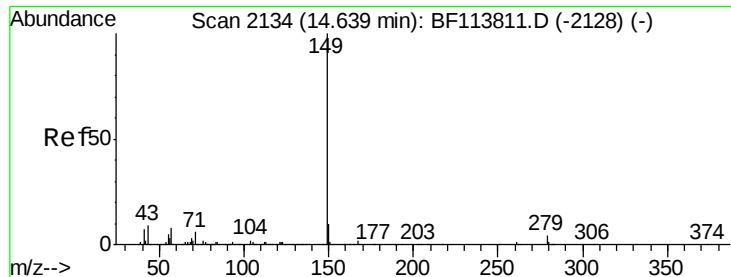


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.216 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

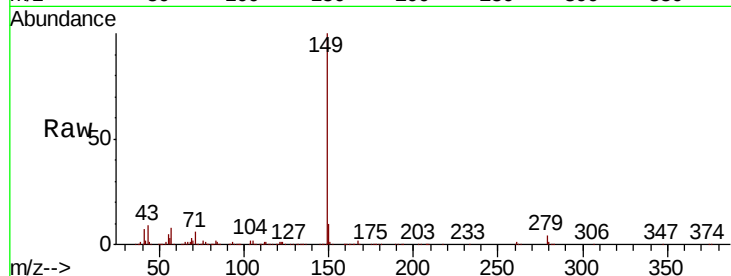
Tot Ion:149 Resp: 1282768

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

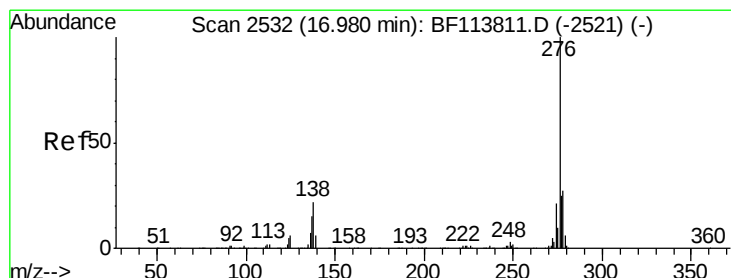
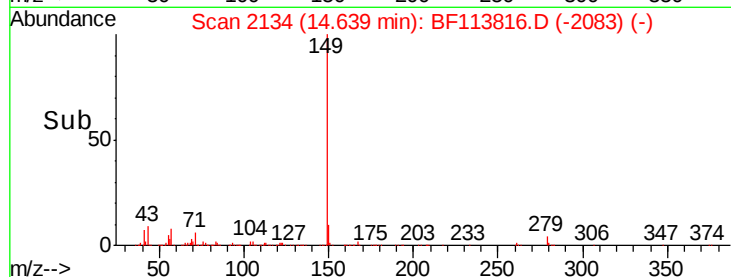
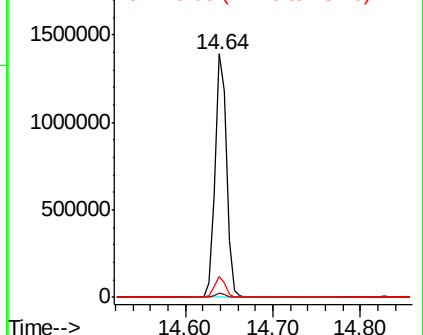
43 8.4 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.109 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

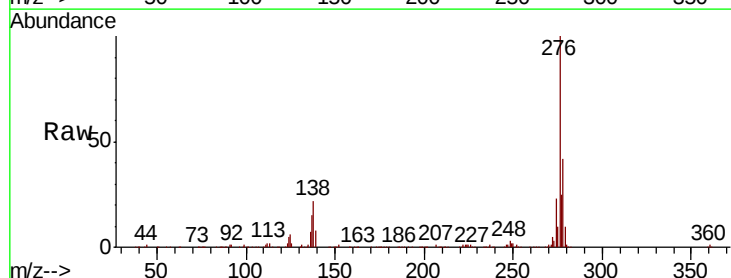
Tgt Ion:276 Resp: 1076624

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

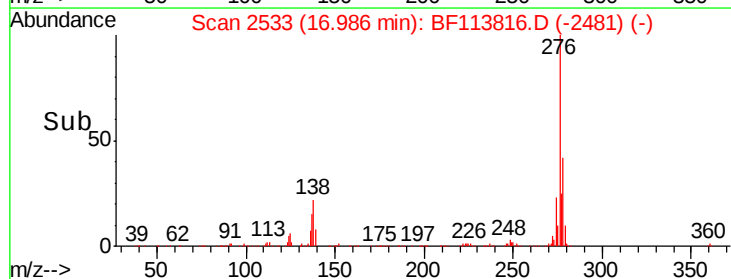
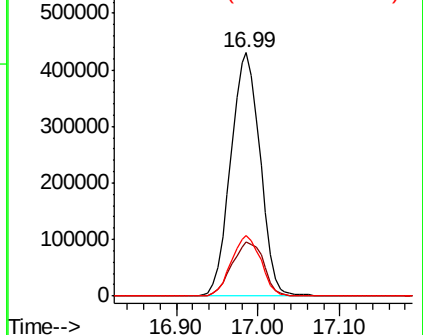
277 25.1 20.2 30.4

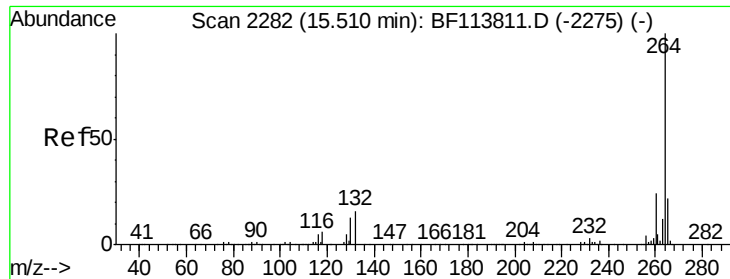


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

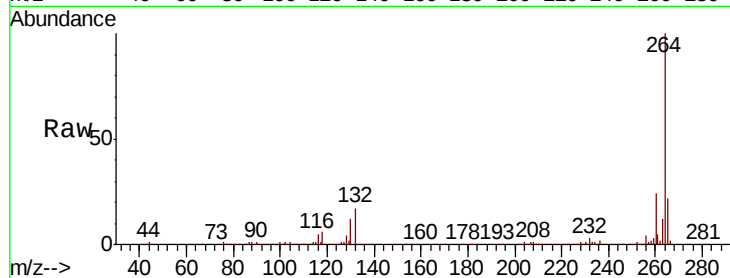




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.8	17.3	25.9

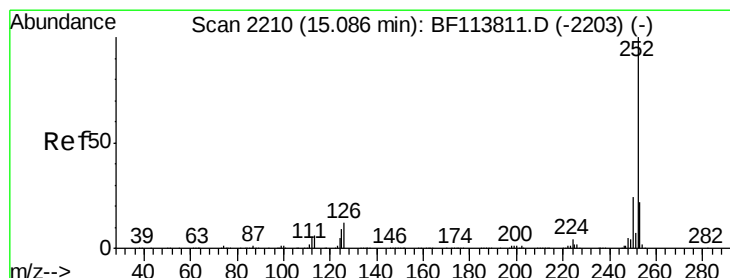
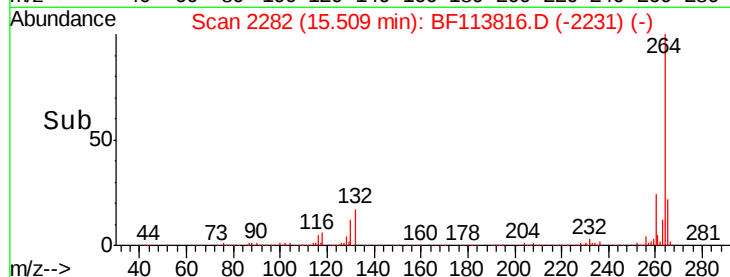
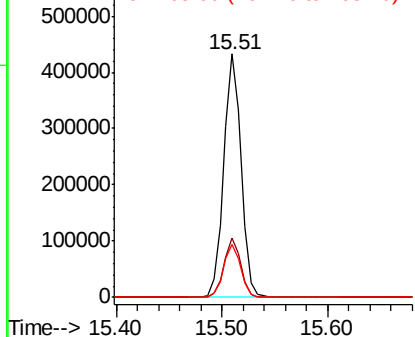


Abundance

Ion 264.00 (263.70 to 264.70): E

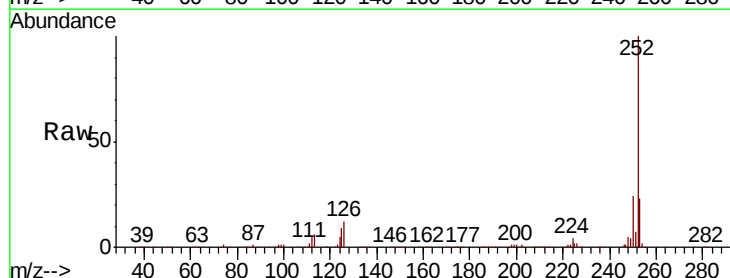
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.299 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.2	7.0	10.6

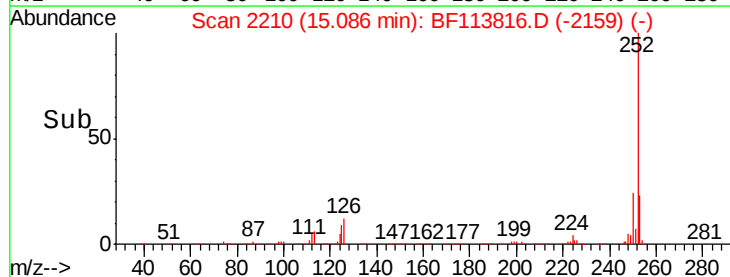
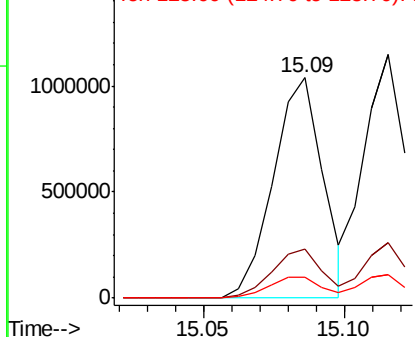


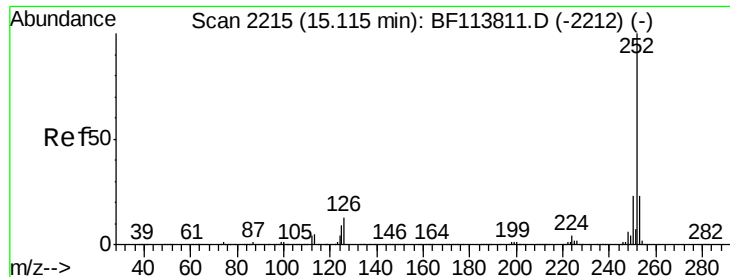
Abundance

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

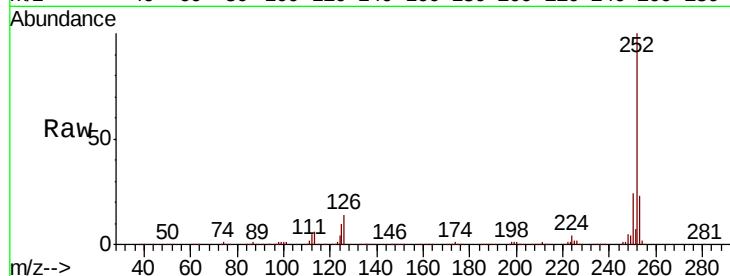




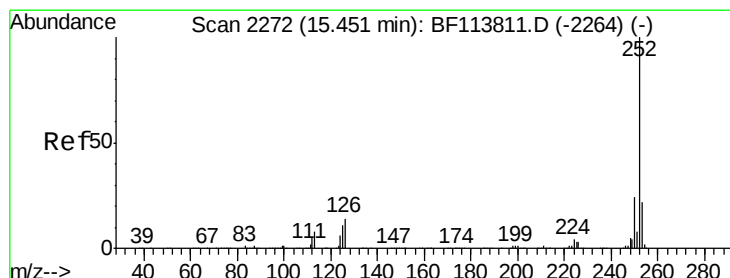
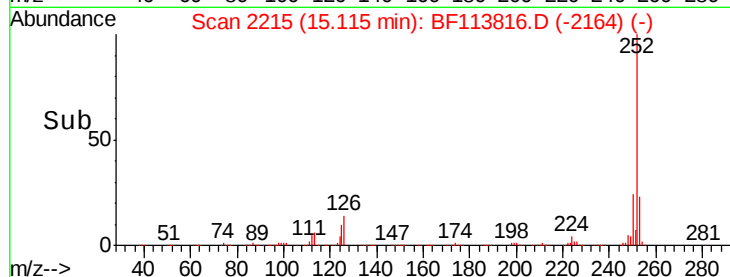
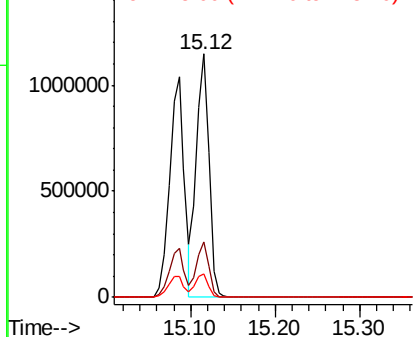
#89
Benzo(k)fluoranthene
Concen: 41.929 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1175627
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.6 7.4 11.2

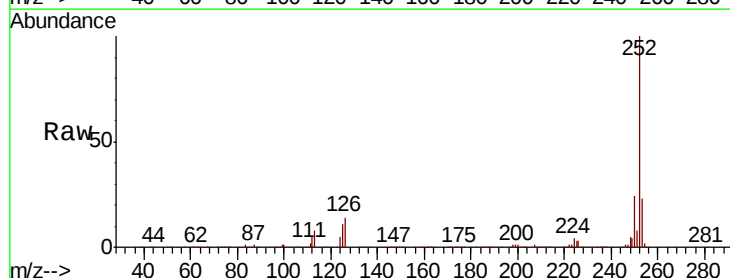


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

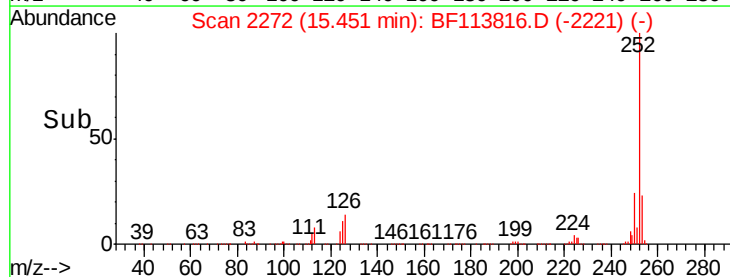
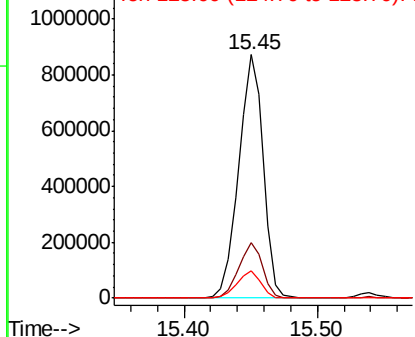


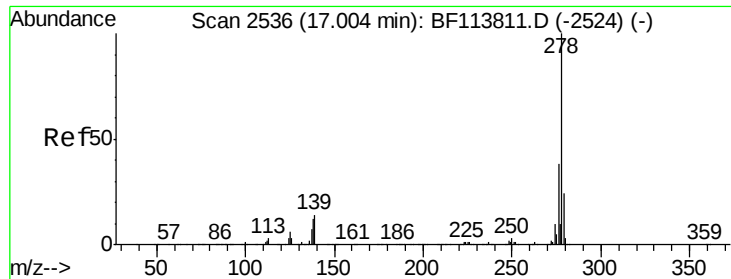
#90
Benzo(a)pyrene
Concen: 40.664 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:252 Resp: 1106911
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.2 8.5 12.7



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





#91

Dibenzo(a,h)anthracene

Concen: 36.852 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

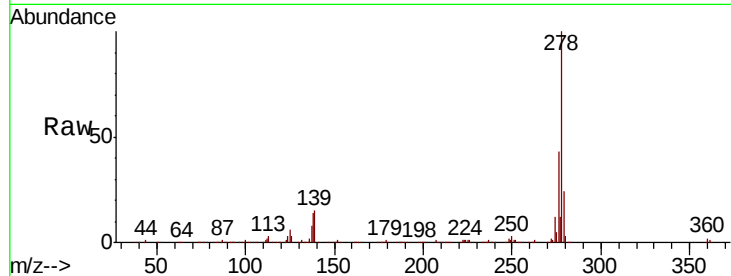
Tot Ion:278 Resp: 892576

Ion Ratio Lower Upper

278 100

139 15.1 11.6 17.4

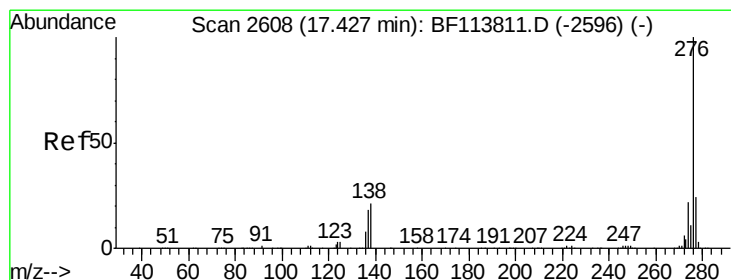
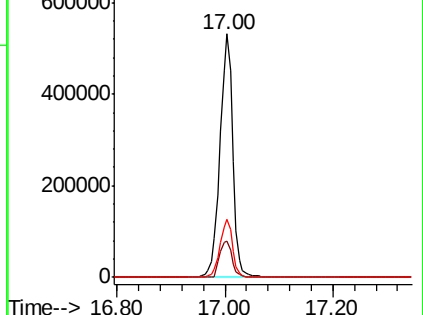
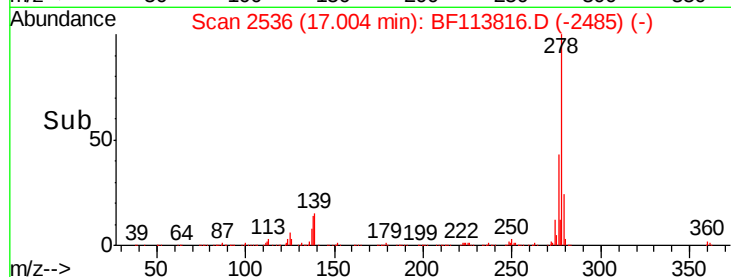
279 23.8 19.0 28.6



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: 35.483 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

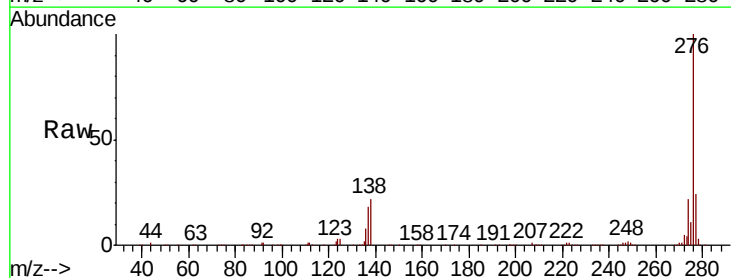
Tgt Ion:276 Resp: 873517

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.6 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

