

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113830.D
 Acq On : 18 Apr 2019 21:29
 Operator : JU/SJ
 Sample : K2441-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 02:08:12 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	6.90	152	165589	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	569527	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	251305	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	433084	20.00	ng	0.00
76) Chrysene-d12	14.04	240	453553	20.00	ng	0.00
87) Perylene-d12	15.52	264	540944	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1064499	106.89	ng	0.01
7) Phenol-d6	6.52	99	1326814	106.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	750809	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	296949	106.95	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1119416	67.93	ng	0.00
79) Terphenyl-d14	12.99	244	1224841	56.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.73	88	180793	36.484	ng	98
3) Pyridine	3.49	79	477891	35.051	ng	98
4) n-Nitrosodimethylamine	3.43	42	176524	37.096	ng	100
6) Aniline	6.56	93	407589	23.128	ng	99
8) 2-Chlorophenol	6.68	128	411048	36.777	ng	99
9) Benzaldehyde	6.44	77	146760	15.909	ng	97
10) Phenol	6.53	94	529005	37.998	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	422230	37.360	ng	99
12) 1,3-Dichlorobenzene	6.84	146	463266	37.307	ng	100
13) 1,4-Dichlorobenzene	6.92	146	465772	37.492	ng	99
14) 1,2-Dichlorobenzene	7.07	146	435062	38.000	ng	99
15) Benzyl Alcohol	7.03	79	370169	36.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	494712	36.088	ng	99
17) 2-Methylphenol	7.14	107	327966	35.924	ng	99
18) Hexachloroethane	7.42	117	158359	35.544	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	287732	34.710	ng	98
20) 3+4-Methylphenols	7.29	107	407025	37.106	ng	91
22) Acetophenone	7.30	105	560615	43.204	ng	96
24) Nitrobenzene	7.47	77	432209	41.119	ng	98
25) Isophorone	7.71	82	754117	38.944	ng	99
26) 2-Nitrophenol	7.79	139	185137	44.337	ng	92
27) 2,4-Dimethylphenol	7.82	122	327906	41.129	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	492026	39.986	ng	99
29) 2,4-Dichlorophenol	8.03	162	332339	39.122	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	381047	40.382	ng	99
31) Naphthalene	8.20	128	1101973	40.906	ng	99
32) Benzoic acid	7.86	122	12576	8.014	ng	93
33) 4-Chloroaniline	8.24	127	202464	17.716	ng	96
34) Hexachlorobutadiene	8.32	225	223257	38.726	ng	98
35) Caprolactam	8.59	113	82604	30.123	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	306310	36.364	ng	97
37) 2-Methylnaphthalene	8.89	142	690603	38.639	ng	99
38) 1-Methylnaphthalene	8.99	142	650583	37.512	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	347770	43.607	ng	99

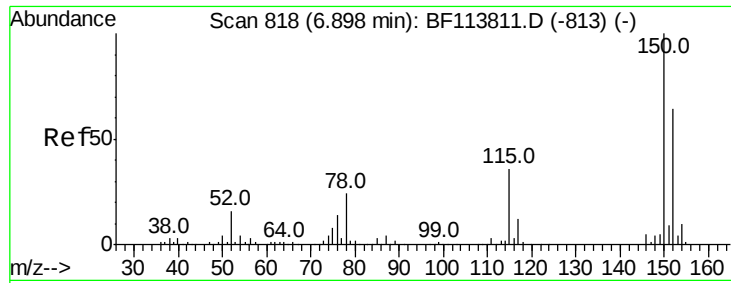
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	246852	56.306	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	223728	43.582	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	234732	42.371	ng	100
46) 1,1'-Biphenyl	9.35	154	826480	43.461	ng	99
47) 2-Chloronaphthalene	9.37	162	651848	41.873	ng	98
48) 2-Nitroaniline	9.46	65	173469	42.823	ng	95
49) Acenaphthylene	9.79	152	972141	39.927	ng	98
50) Dimethylphthalate	9.65	163	891525	50.693	ng	100
51) 2,6-Dinitrotoluene	9.70	165	157765	40.647	ng	94
52) Acenaphthene	9.96	154	563097	39.428	ng	98
53) 3-Nitroaniline	9.87	138	120654	29.357	ng	96
54) 2,4-Dinitrophenol	9.97	184	26842	25.542	ng	# 1
55) Dibenzofuran	10.13	168	847750	39.625	ng	99
56) 4-Nitrophenol	10.02	139	236934	70.840	ng	99
57) 2,4-Dinitrotoluene	10.10	165	188740	39.196	ng	97
58) Fluorene	10.47	166	615192	38.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	185597	39.260	ng	99
60) Diethylphthalate	10.35	149	672466	39.897	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	321899	39.388	ng	98
62) 4-Nitroaniline	10.47	138	130605	33.036	ng	99
63) Azobenzene	10.63	77	627763	36.245	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	40907	26.483	ng	98
66) n-Nitrosodiphenylamine	10.58	169	555972	42.350	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	202852	39.886	ng	97
68) Hexachlorobenzene	11.03	284	218137	39.002	ng	98
69) Atrazine	11.10	200	175108	43.112	ng	99
70) Pentachlorophenol	11.22	266	246556	77.761	ng	97
71) Phenanthrene	11.43	178	874643	39.653	ng	99
72) Anthracene	11.49	178	898678	40.432	ng	99
73) Carbazole	11.63	167	828658	41.062	ng	99
74) Di-n-butylphthalate	11.97	149	927180	41.281	ng	99
75) Fluoranthene	12.62	202	995391	42.581	ng	99
77) Benzidine	12.73	184	401541	26.433	ng	98
78) Pyrene	12.85	202	1028942	32.190	ng	99
80) Butylbenzylphthalate	13.47	149	433245	36.589	ng	97
81) Benzo(a)anthracene	14.03	228	1052984	39.716	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	386646	41.031	ng	99
83) Chrysene	14.07	228	1100898	41.835	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	592453	41.823	ng	# 99
85) Di-n-octyl phthalate	14.64	149	1168279	53.155	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1105476	51.459	ng	100
88) Benzo(b)fluoranthene	15.09	252	1239274	36.749	ng	99
89) Benzo(k)fluoranthene	15.12	252	1198848	39.032	ng	99
90) Benzo(a)pyrene	15.46	252	1168303	39.180	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	963440	36.313	ng	99
92) Benzo(g,h,i)perylene	17.43	276	857007	31.780	ng	99

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

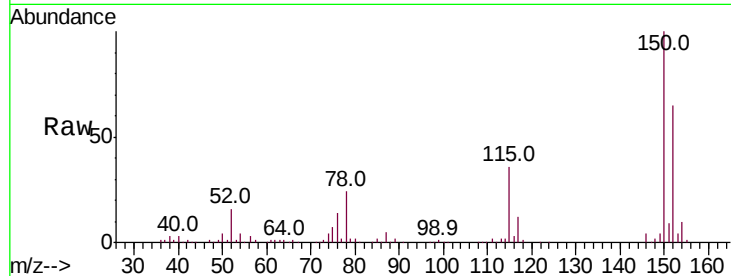


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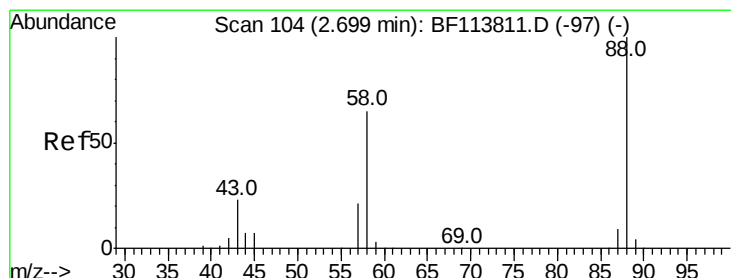
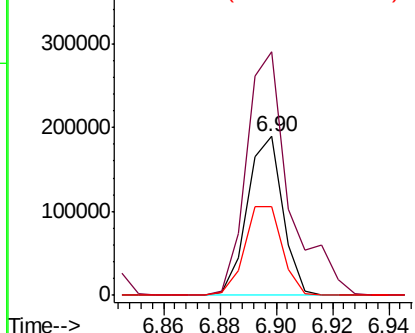
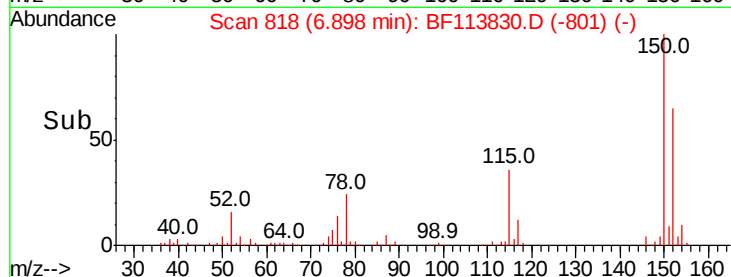
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 165589
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.9 188.9
 115 55.6 45.9 68.9



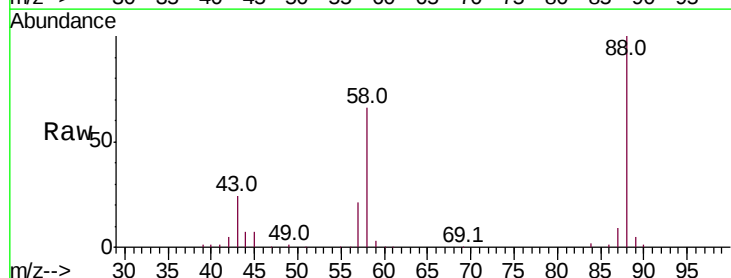
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



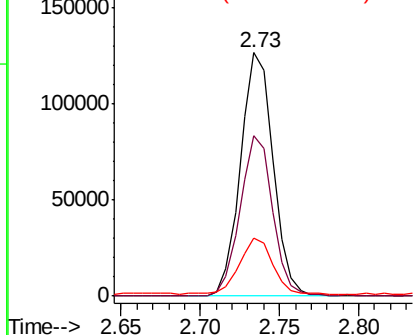
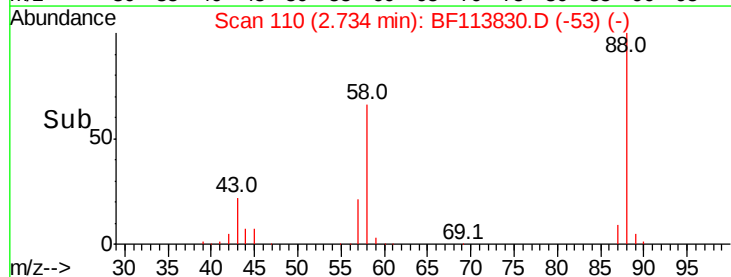
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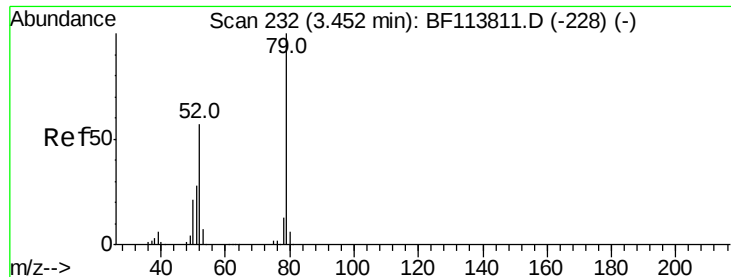
1,4-Dioxane
 Concen: 36.484 ng
 RT: 2.73 min Scan# 110
 Delta R.T. 0.04 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion: 88 Resp: 180793
 Ion Ratio Lower Upper
 88 100
 58 64.6 53.3 79.9
 43 22.9 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

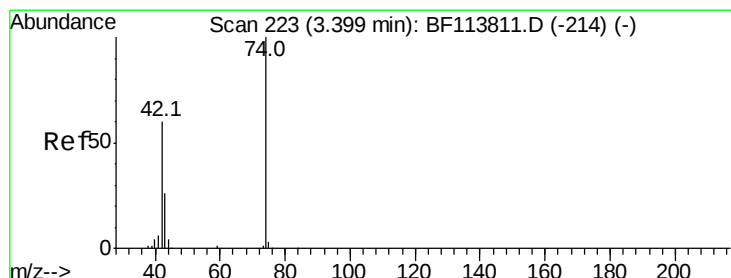
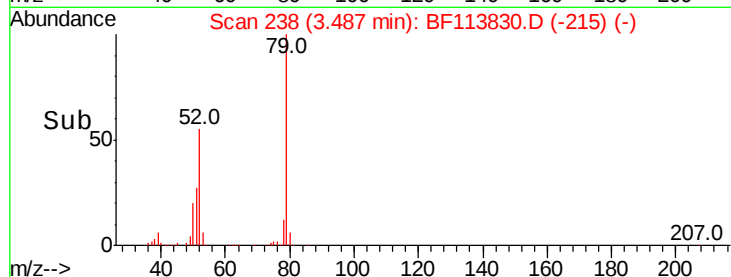
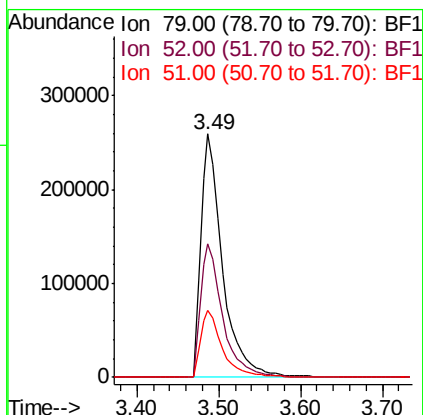
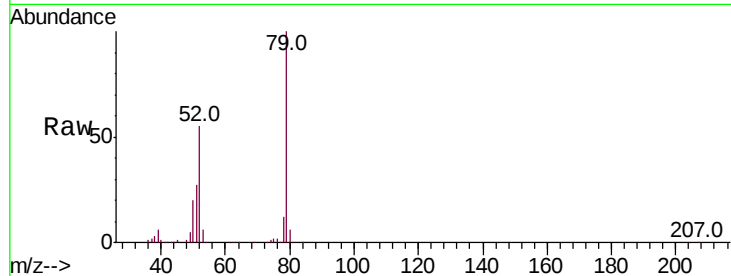




#3
 Pvridine
 Concen: 35.051 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.04 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

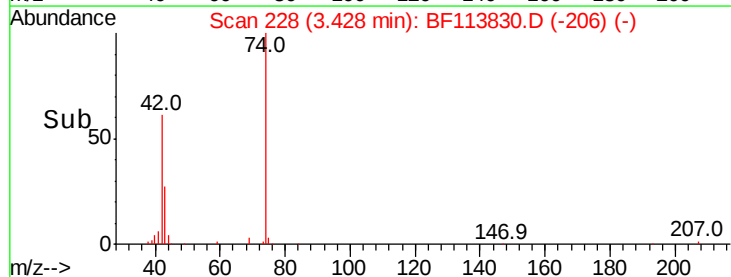
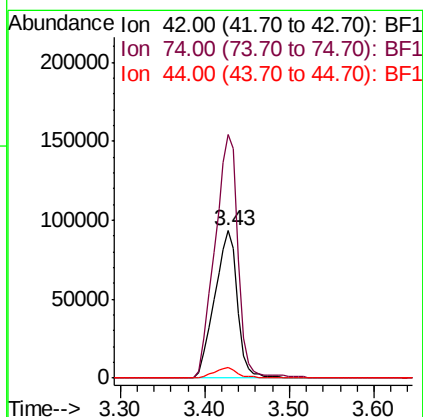
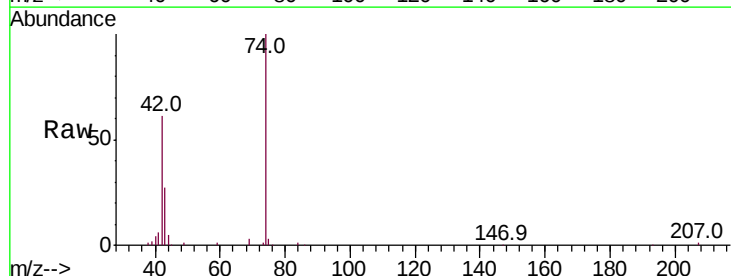
Instrument :
 BNA_F
 ClientSampleId :

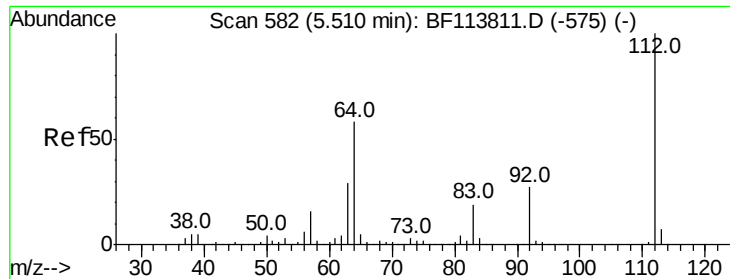
Tot Ion: 79 Resp: 477891
 Ion Ratio Lower Upper
 79 100
 52 54.9 45.3 67.9
 51 27.5 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 37.096 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.03 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion: 42 Resp: 176524
 Ion Ratio Lower Upper
 42 100
 74 165.3 132.6 198.8
 44 7.5 5.8 8.8





#5

2-Fluorophenol

Concen: 106.893 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

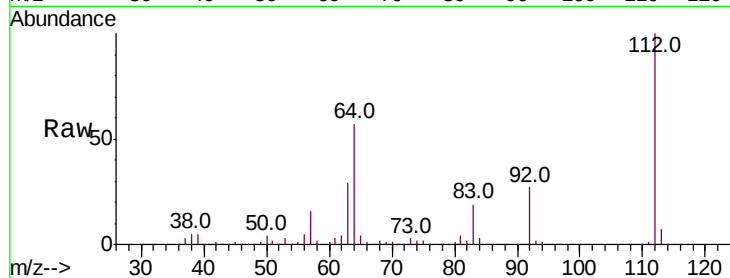
Tot Ion:112 Resp: 1064499

Ion Ratio Lower Upper

112 100

64 57.4 46.6 69.8

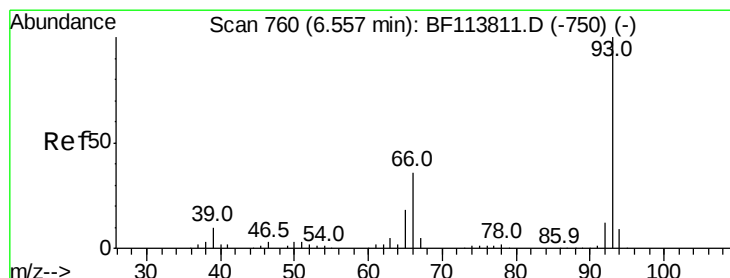
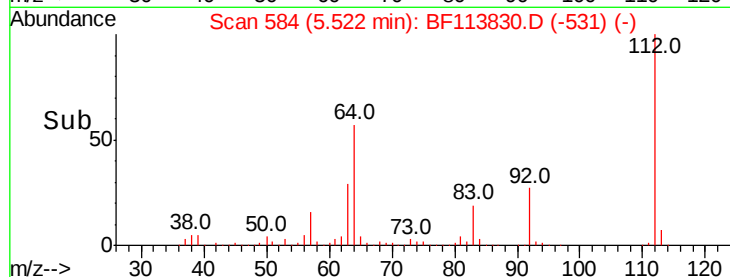
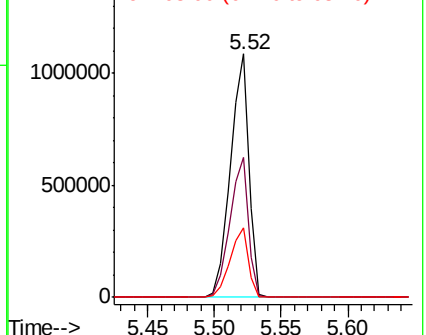
63 28.6 23.1 34.7



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: 23.128 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

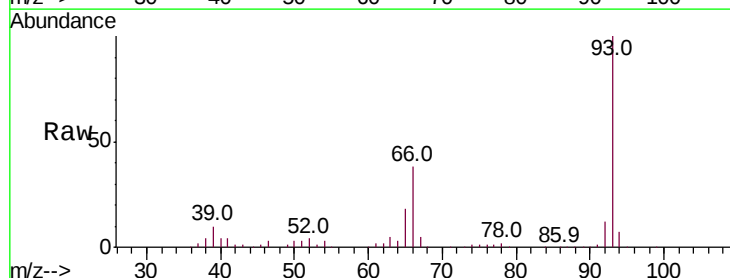
Tgt Ion: 93 Resp: 407589

Ion Ratio Lower Upper

93 100

66 37.6 29.8 44.6

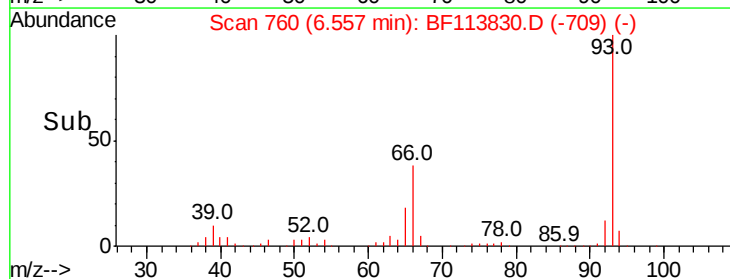
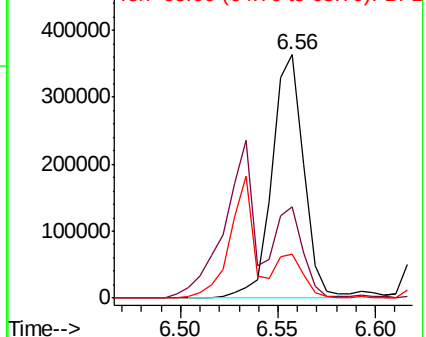
65 18.1 14.9 22.3

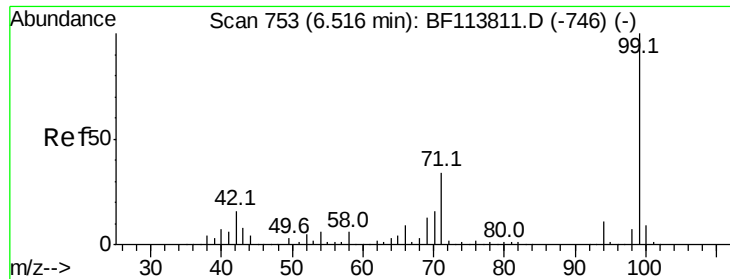


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.837 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

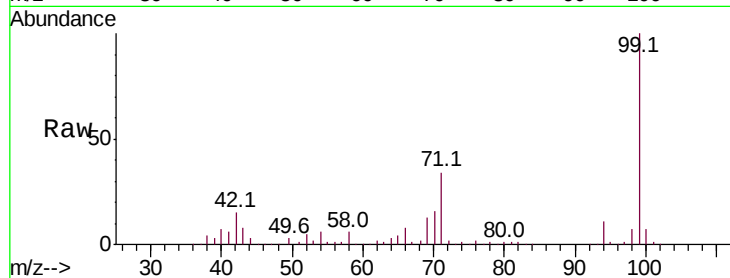
Tot Ion: 99 Resp: 1326814

Ion Ratio Lower Upper

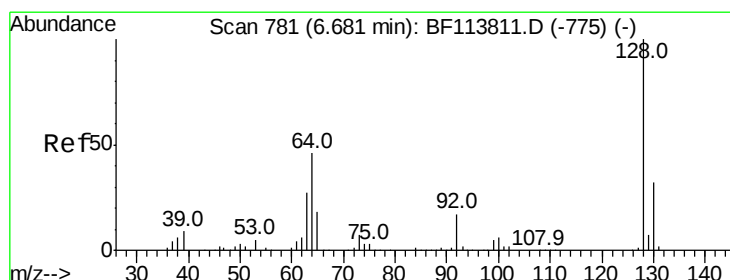
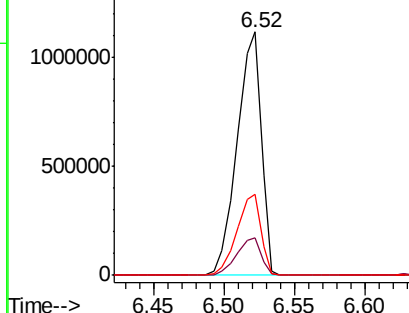
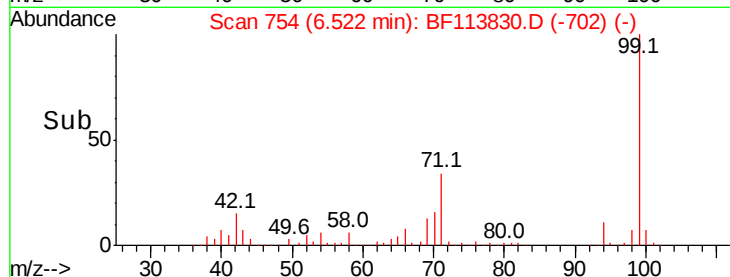
99 100

42 15.3 12.5 18.7

71 33.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.777 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

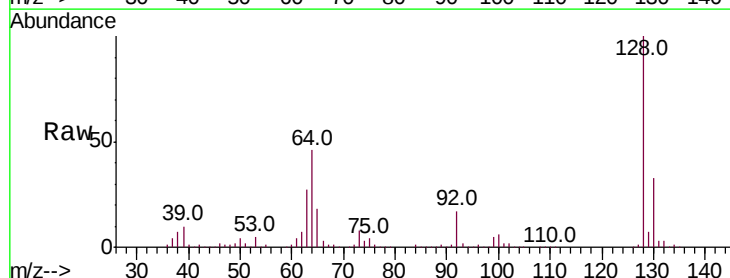
Tgt Ion:128 Resp: 411048

Ion Ratio Lower Upper

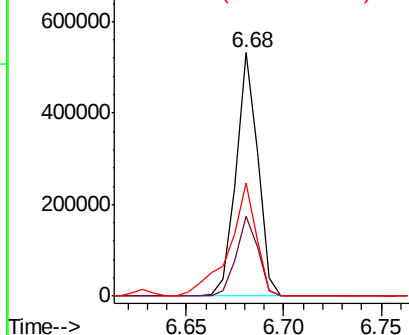
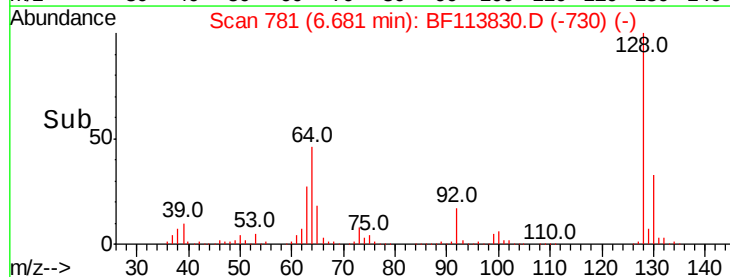
128 100

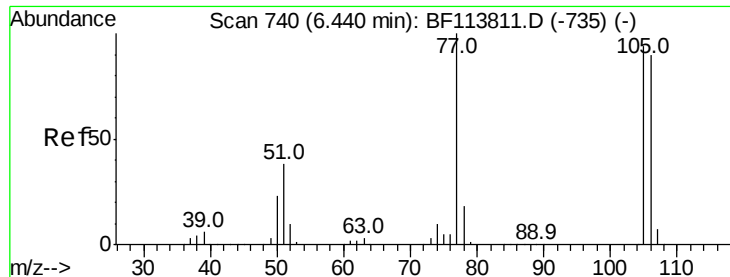
130 32.8 12.3 52.3

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: 15.909 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

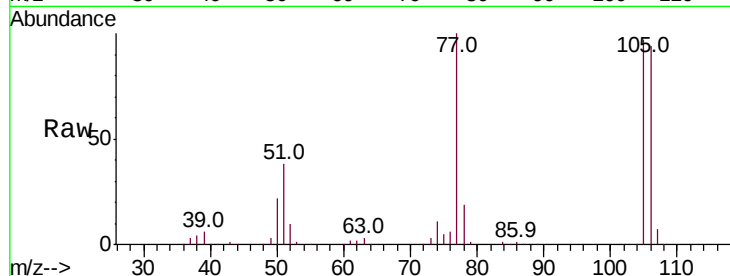
Tot Ion: 77 Resp: 146760

Ion Ratio Lower Upper

77 100

105 96.9 74.1 114.1

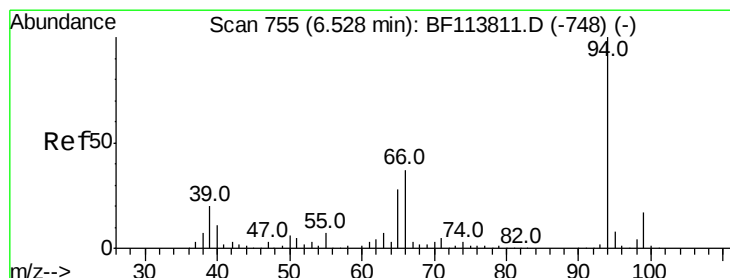
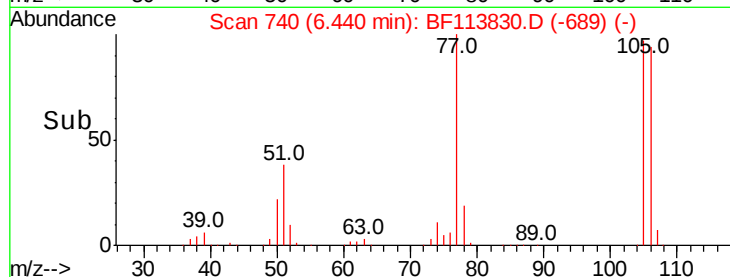
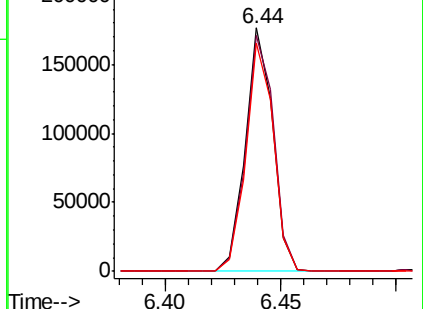
106 93.8 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.998 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

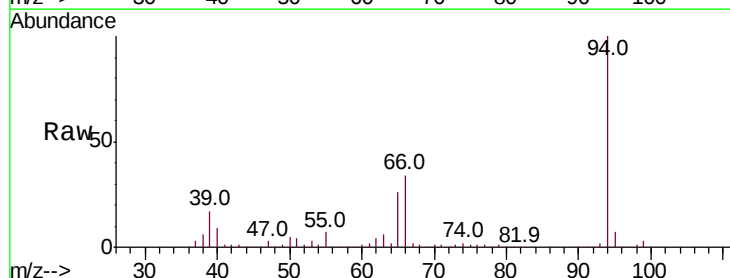
Tgt Ion: 94 Resp: 529005

Ion Ratio Lower Upper

94 100

65 25.9 8.1 48.1

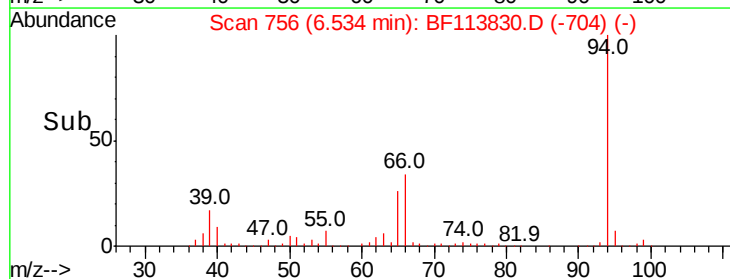
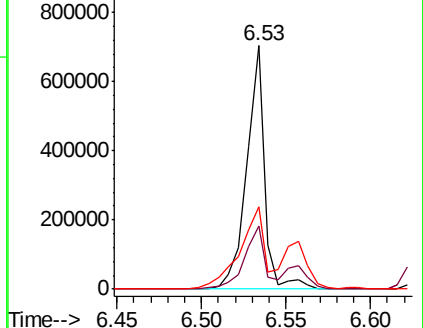
66 33.6 16.6 56.6

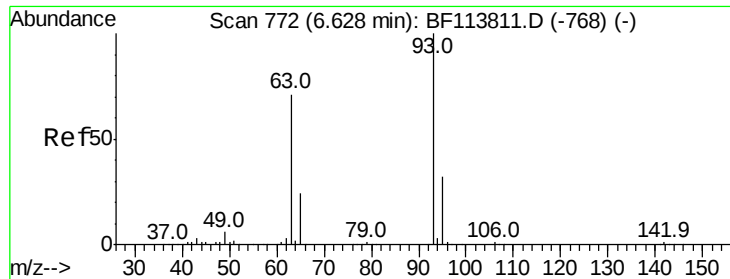


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.360 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

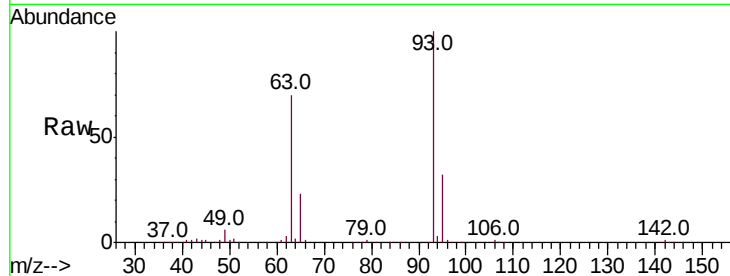
Tot Ion: 93 Resp: 422230

Ion Ratio Lower Upper

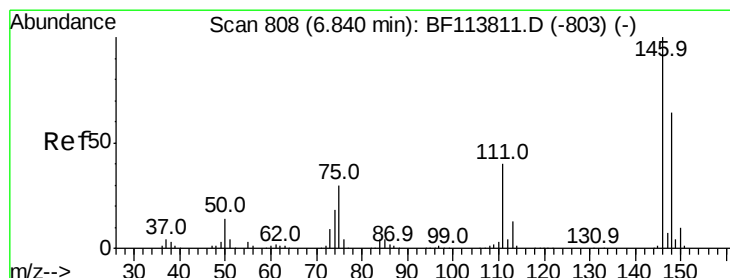
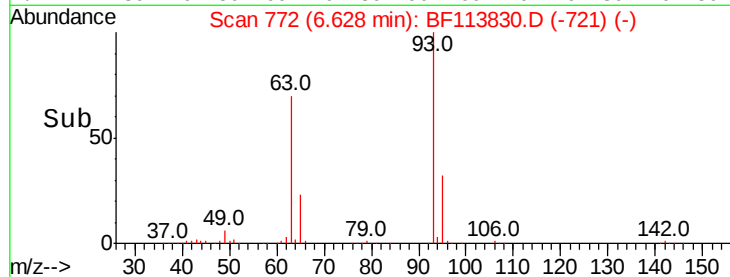
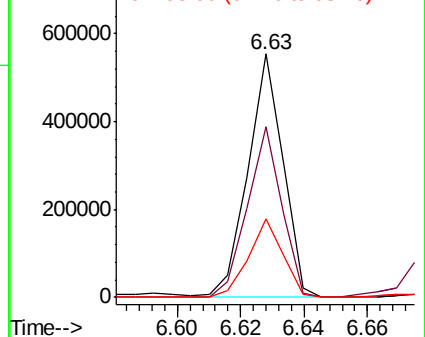
93 100

63 70.1 50.7 90.7

95 32.1 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: 37.307 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

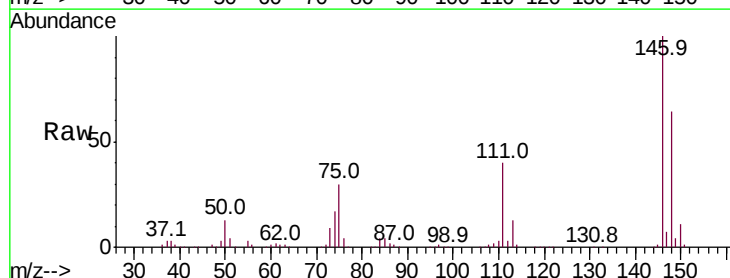
Tgt Ion: 146 Resp: 463266

Ion Ratio Lower Upper

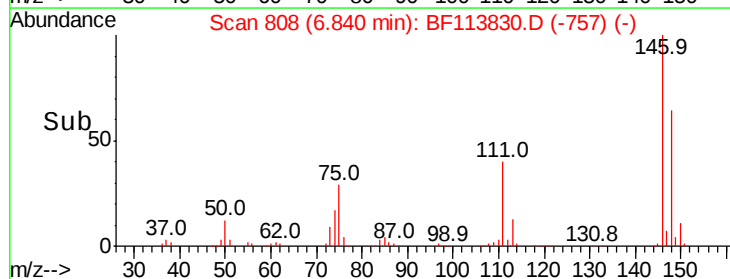
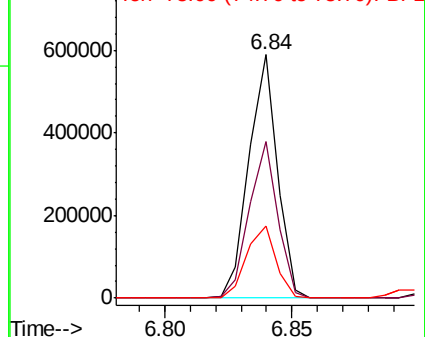
146 100

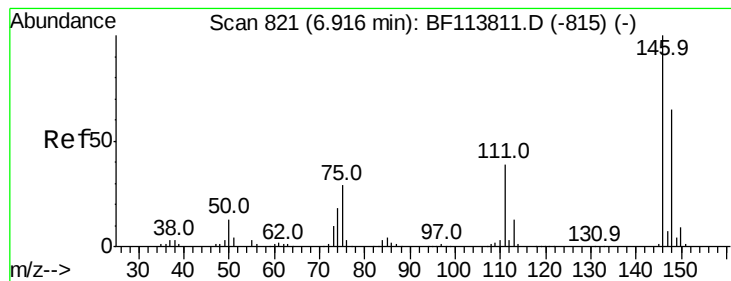
148 64.2 51.0 76.6

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: 37.492 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

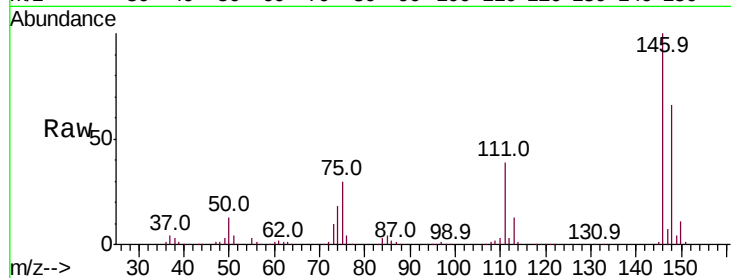
Tot Ion:146 Resp: 465772

Ion Ratio Lower Upper

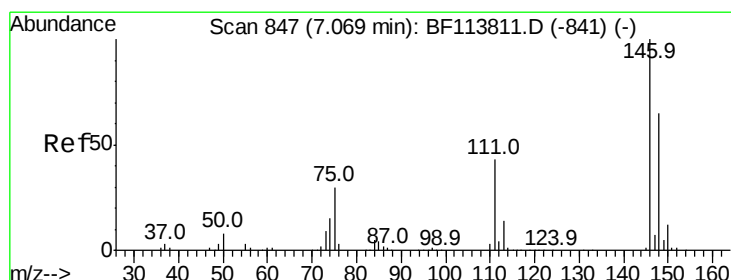
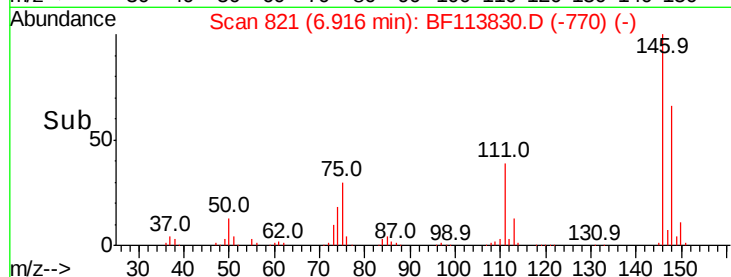
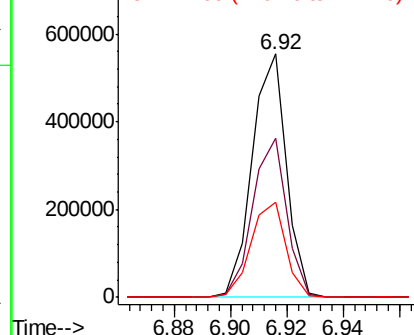
146 100

148 65.5 51.8 77.8

111 39.1 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: 38.000 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

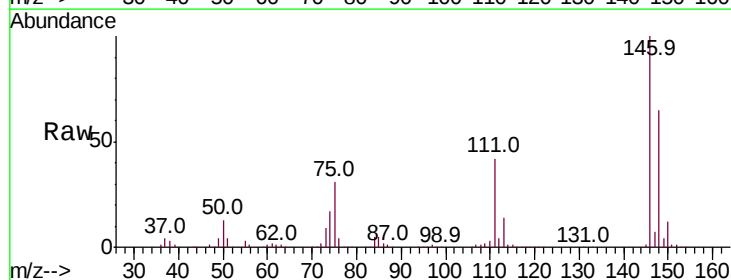
Tgt Ion:146 Resp: 435062

Ion Ratio Lower Upper

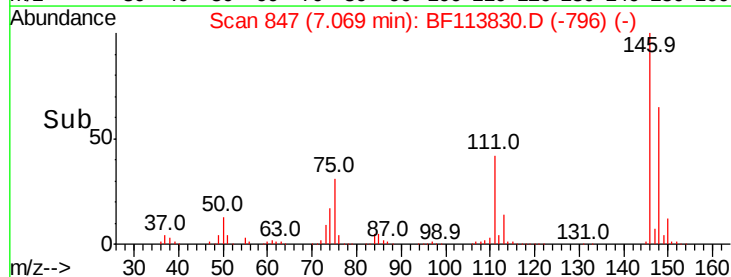
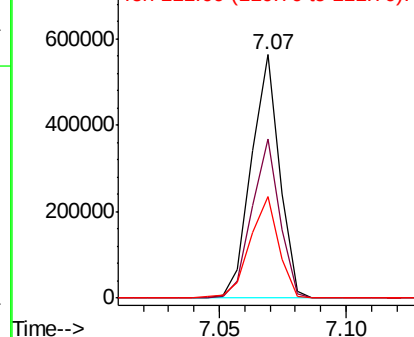
146 100

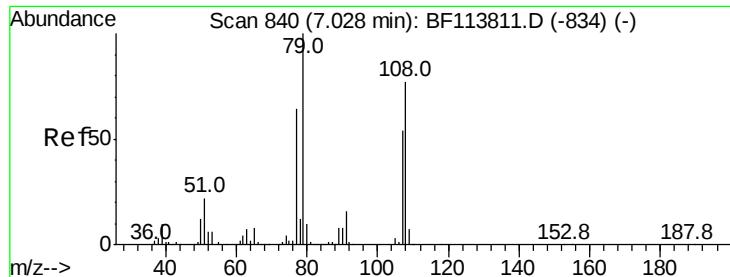
148 65.4 52.1 78.1

111 41.9 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: 36.793 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

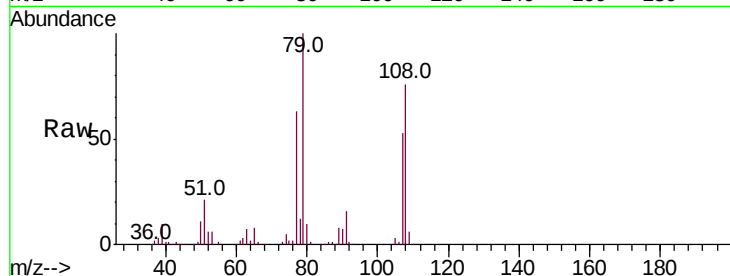
Tot Ion: 79 Resp: 370169

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

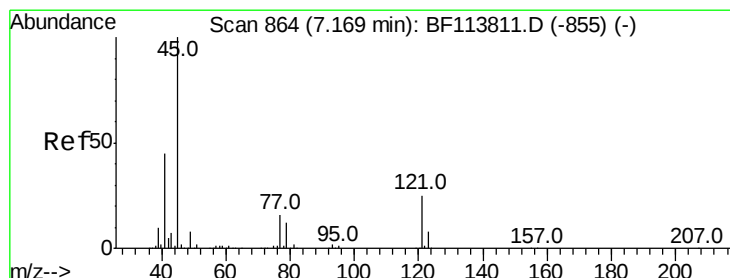
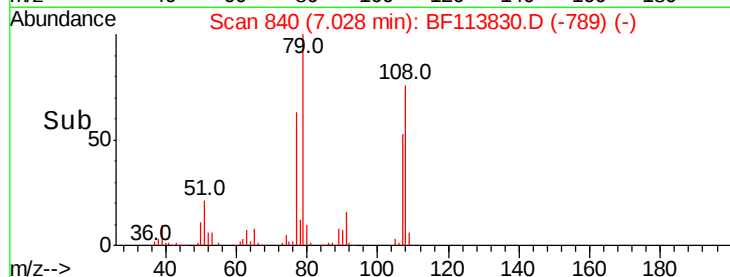
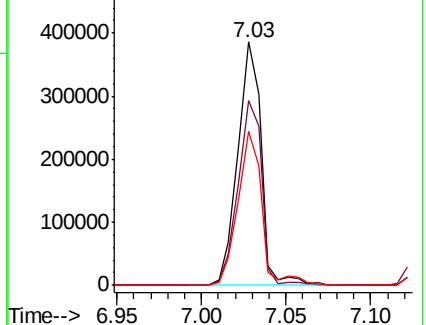
77 63.5 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.088 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

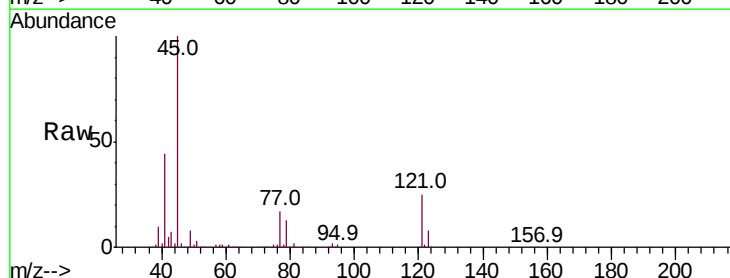
Tgt Ion: 45 Resp: 494712

Ion Ratio Lower Upper

45 100

77 16.7 0.0 37.0

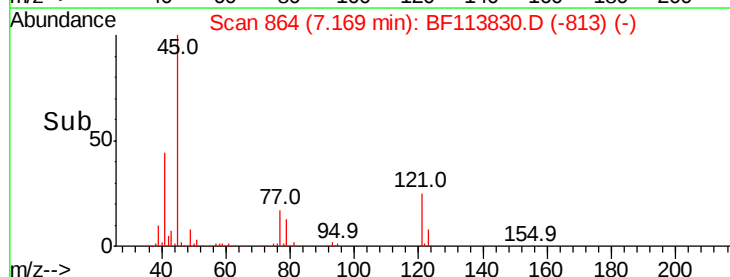
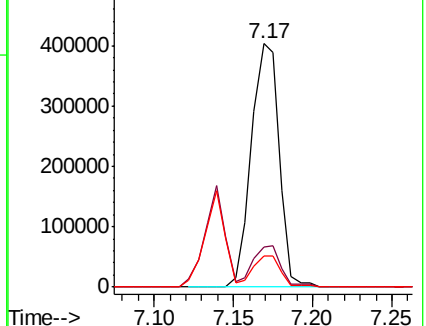
79 12.8 0.0 32.7

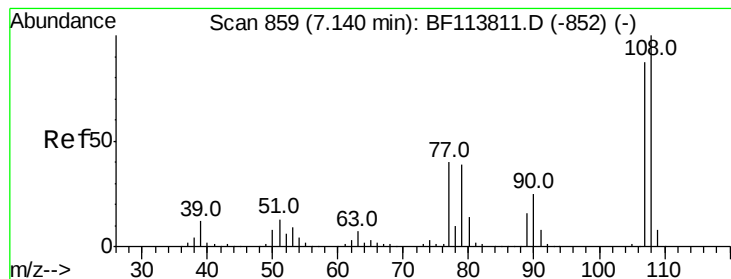


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

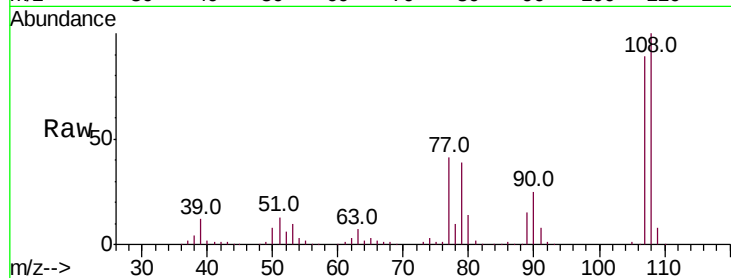




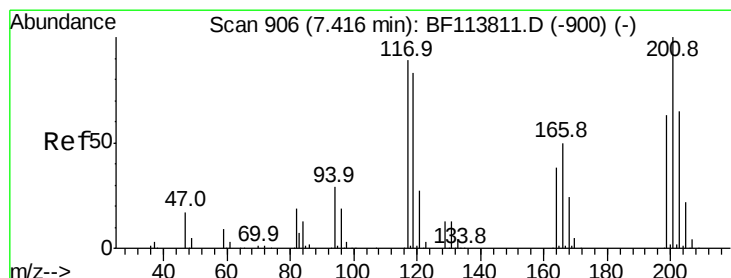
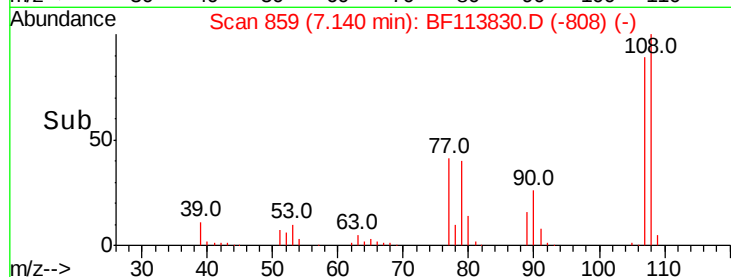
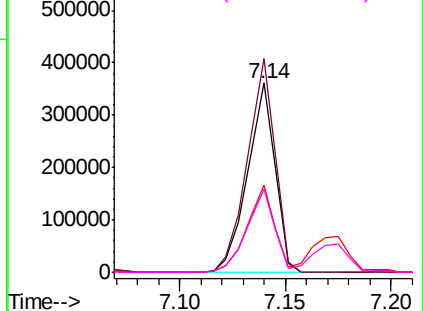
#17
2-Methylphenol
Concen: 35.924 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	327966
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.5	137.3
77	46.3	36.2	54.4
79	44.1	35.4	53.0

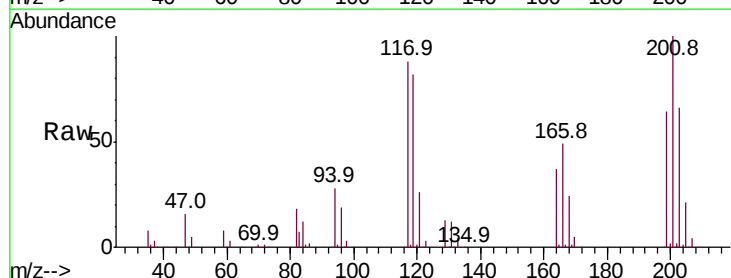


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

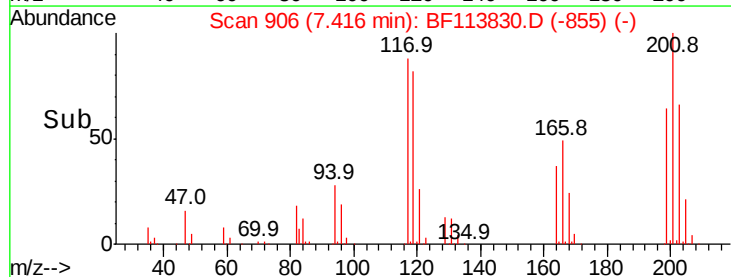
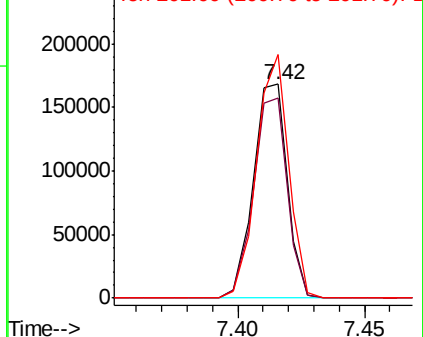


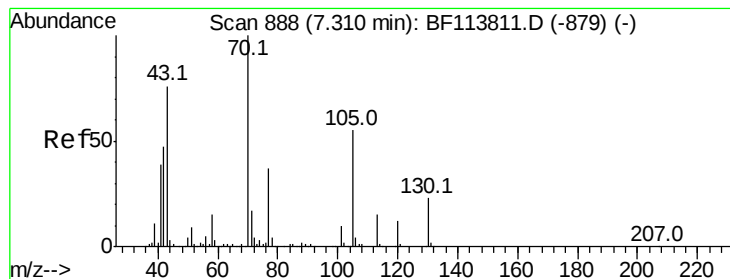
#18
Hexachloroethane
Concen: 35.544 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:	117	Resp:	158359
Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.4	111.6
201	113.7	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.710 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 287732

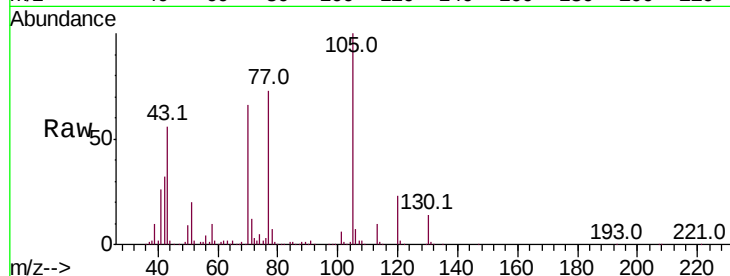
Ion Ratio Lower Upper

70 100

42 47.7 37.3 55.9

101 9.4 7.8 11.8

130 20.9 18.2 27.2

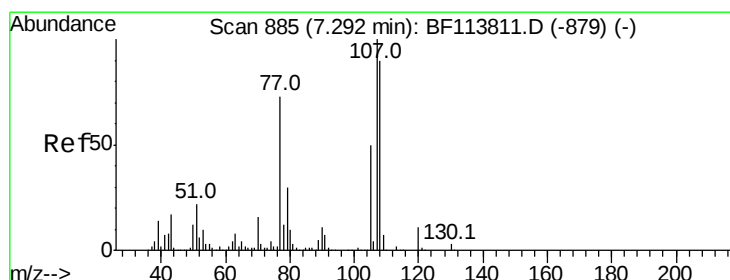
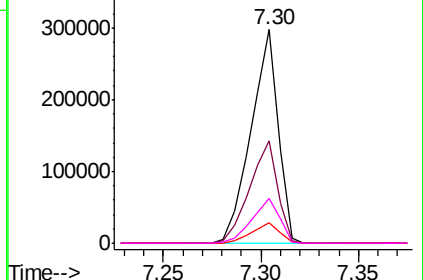
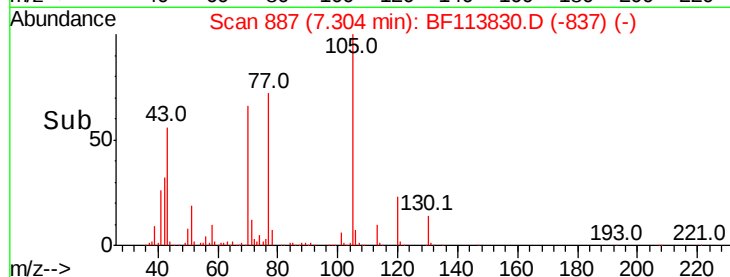


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 37.106 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion: 107 Resp: 407025

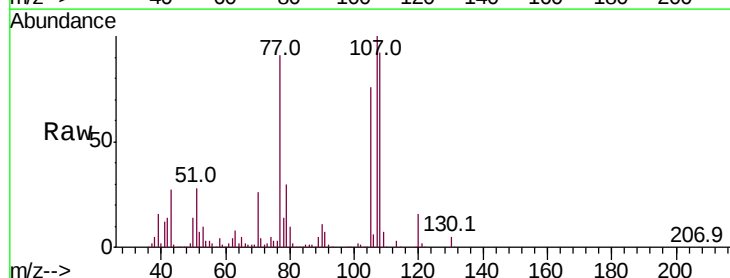
Ion Ratio Lower Upper

107 100

108 92.1 70.1 110.1

77 91.4 52.9 92.9

79 30.3 10.2 50.2

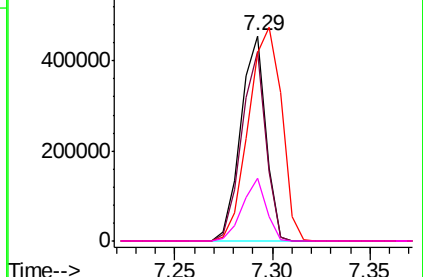
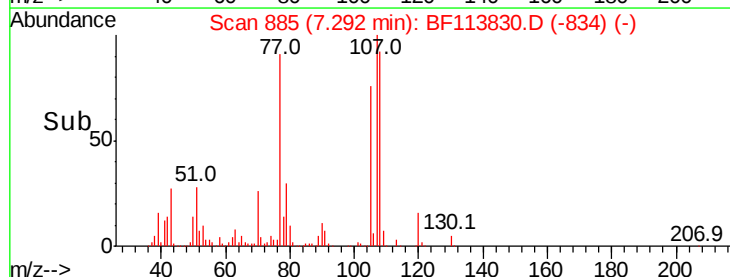


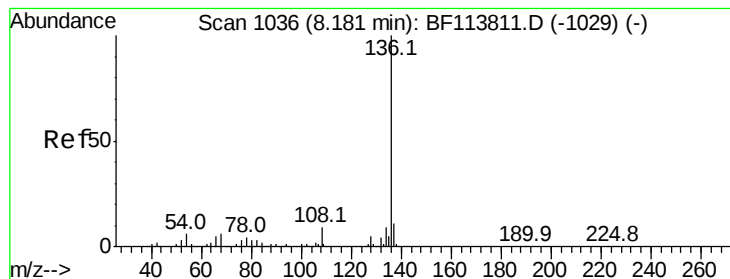
Abundance Ion 107.00 (106.70 to 107.70): E

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: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 569527

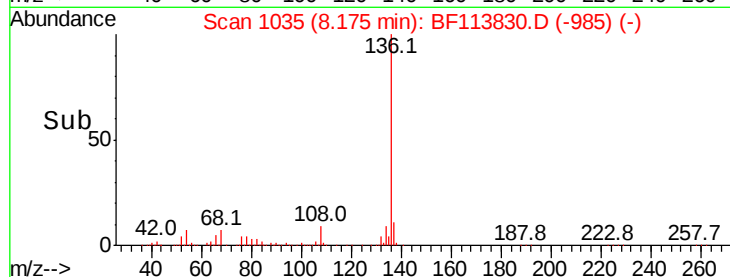
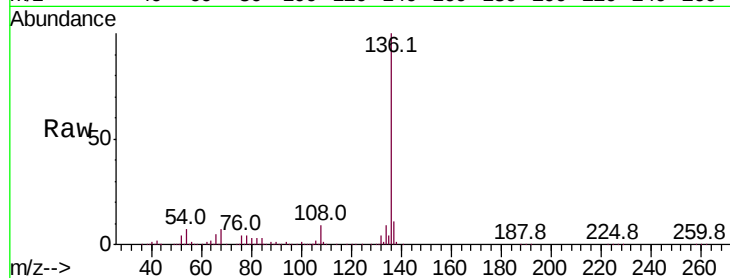
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.1 5.0 7.6

68 6.7 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E

1000000 Ion 137.00 (136.70 to 137.70): E

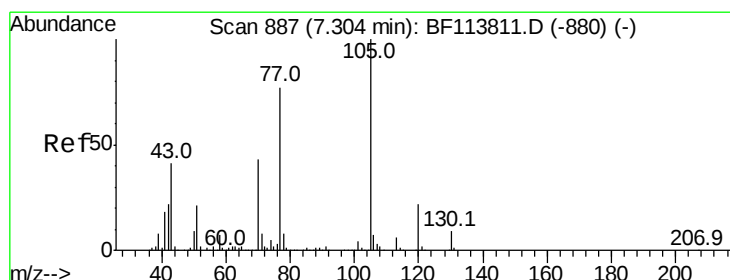
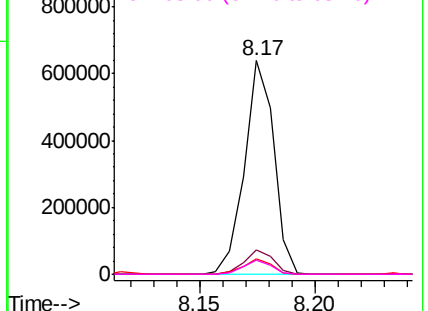
800000 Ion 54.00 (53.70 to 54.70): BF1

600000 Ion 68.00 (67.70 to 68.70): BF1

400000

200000

0



#22

Acetophenone

Concen: 43.204 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:105 Resp: 560615

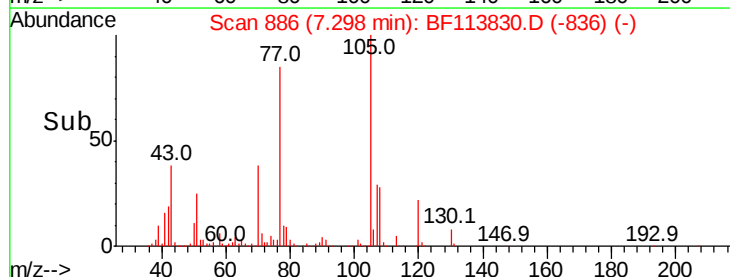
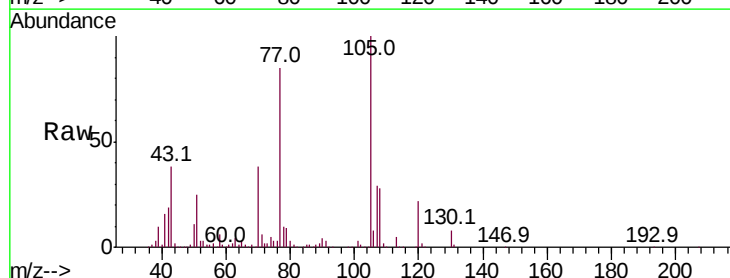
Ion Ratio Lower Upper

105 100

71 6.5 6.1 9.1

51 24.8 16.8 25.2

120 21.7 17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E

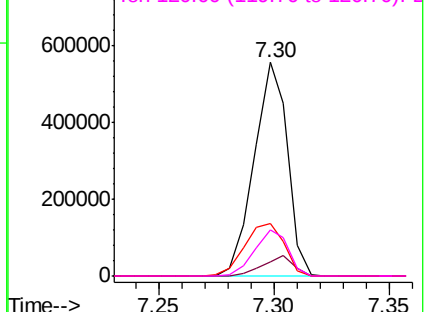
800000 Ion 71.00 (70.70 to 71.70): BF1

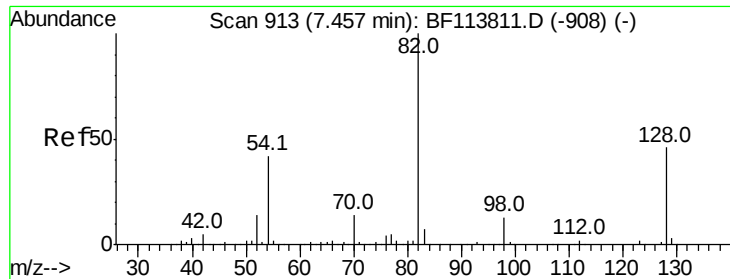
600000 Ion 51.00 (50.70 to 51.70): BF1

400000 Ion 120.00 (119.70 to 120.70): E

200000

0

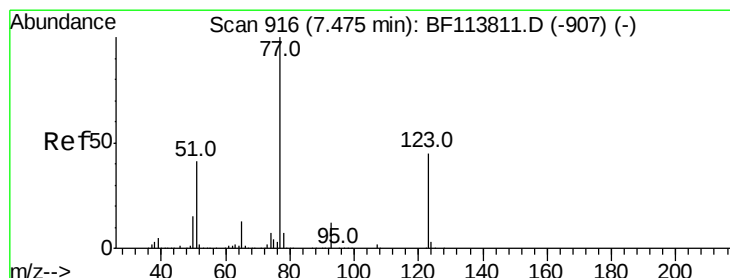
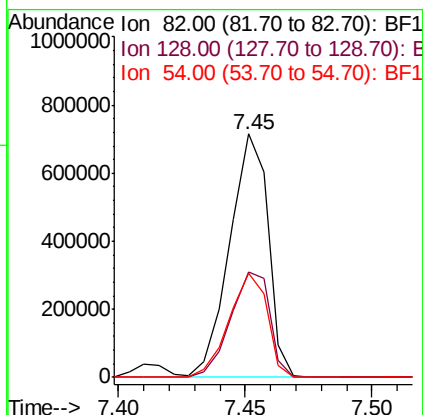
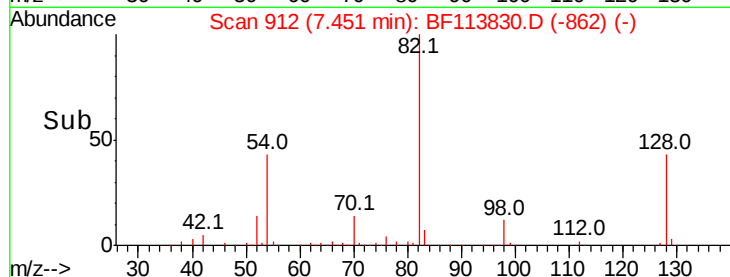
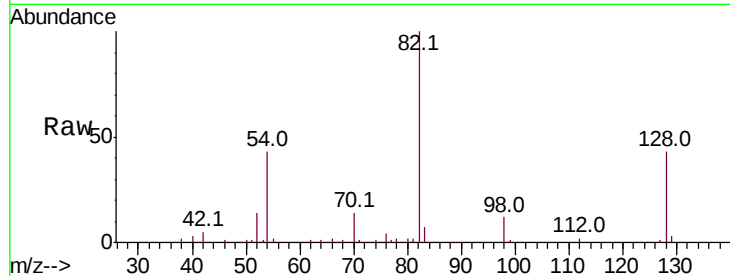




#23
Nitrobenzene-d5
Concen: 80.280 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

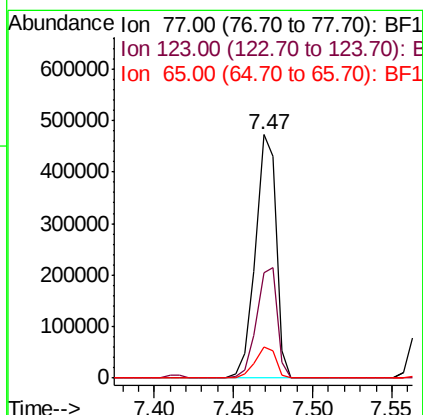
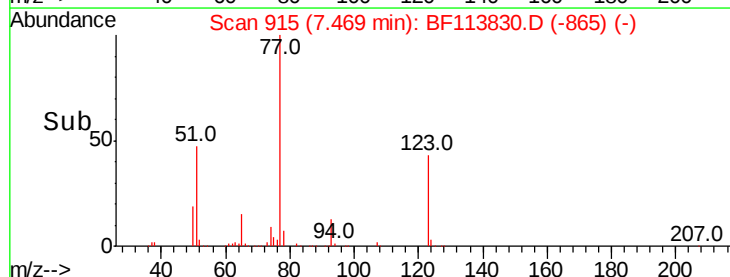
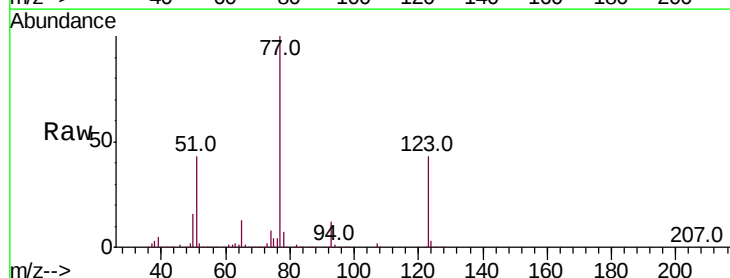
Instrument :
BNA_F
ClientSampled :

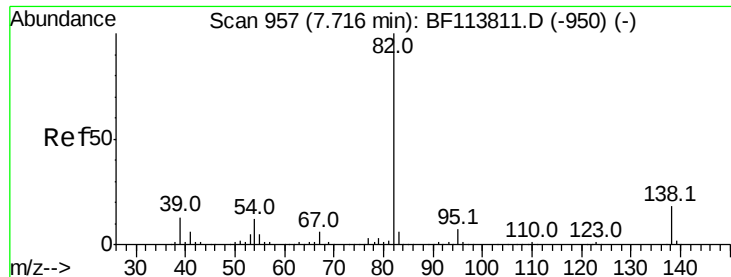
Tot Ion: 82 Resp: 750809
Ion Ratio Lower Upper
82 100
128 43.3 36.8 55.2
54 43.0 33.8 50.6



#24
Nitrobenzene
Concen: 41.119 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion: 77 Resp: 432209
Ion Ratio Lower Upper
77 100
123 43.4 36.3 54.5
65 12.9 10.3 15.5





#25

Isophorone

Concen: 38.944 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

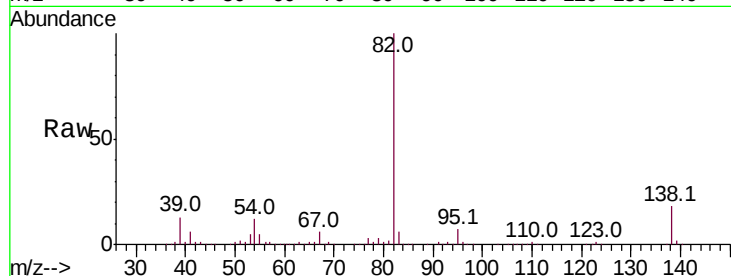
Tot Ion: 82 Resp: 754117

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

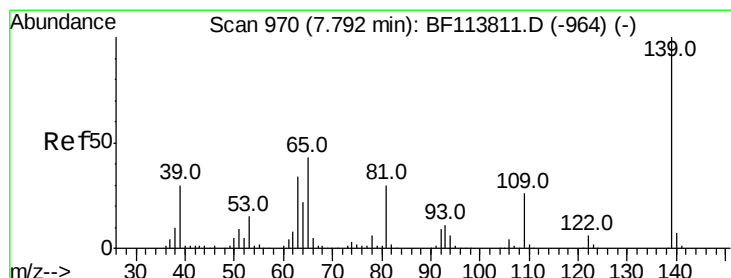
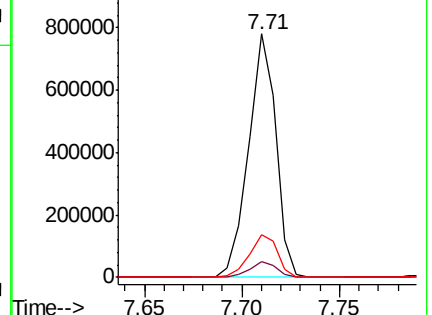
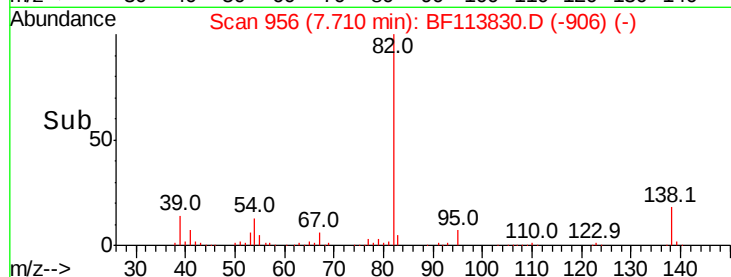
138 17.7 14.6 22.0



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: 44.337 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

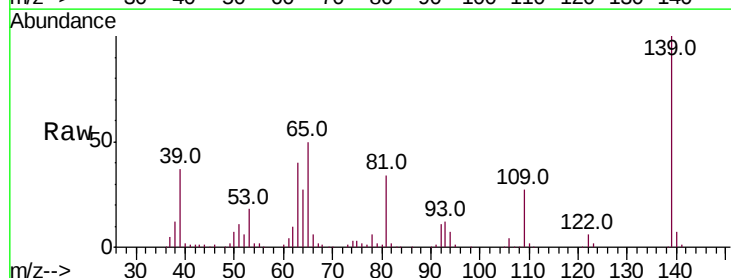
Tgt Ion:139 Resp: 185137

Ion Ratio Lower Upper

139 100

109 26.9 20.6 31.0

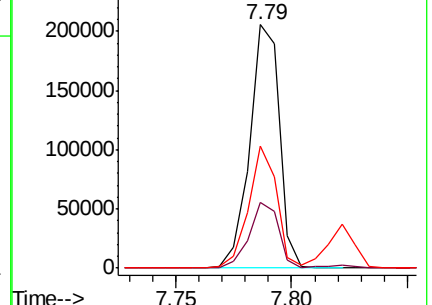
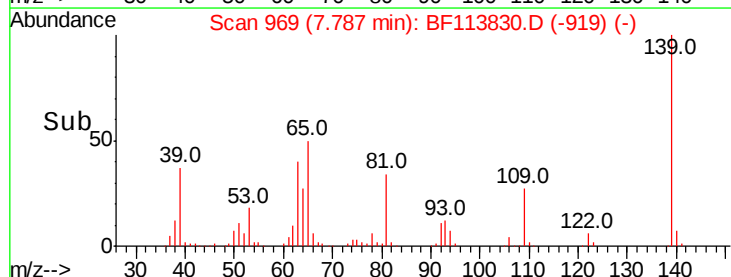
65 50.2 34.6 52.0

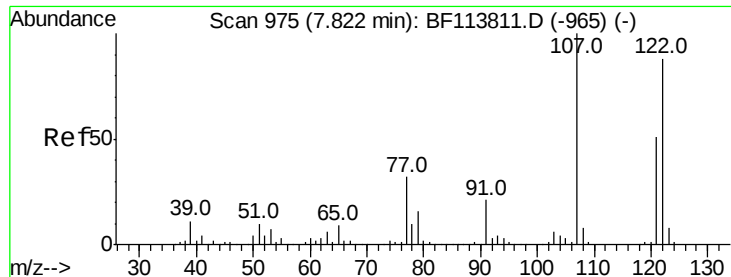


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

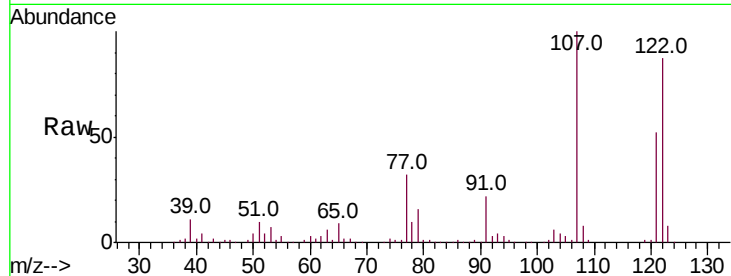




#27
 2,4-Dimethylphenol
 Concen: 41.129 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	59.2	46.4	69.6

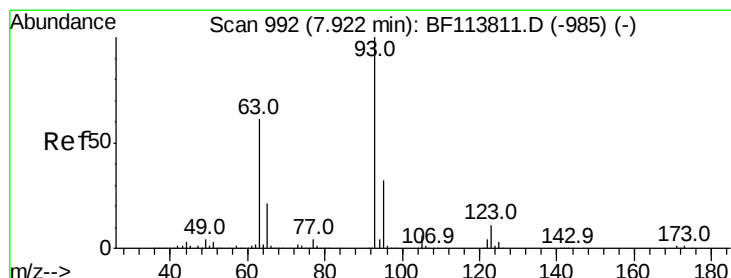
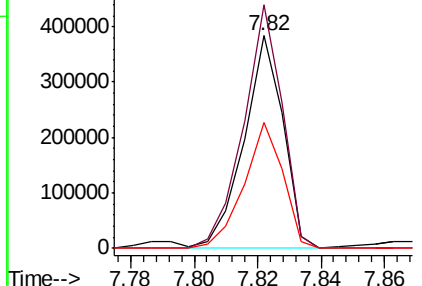
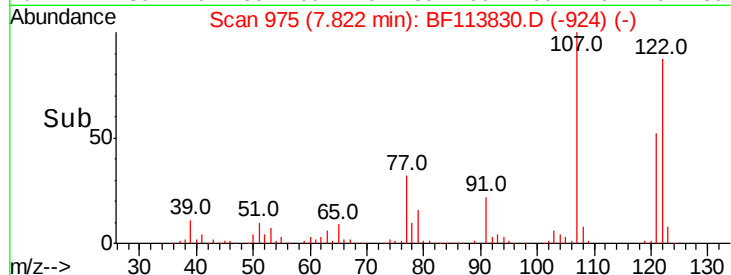


Abundance

Ion 122.00 (121.70 to 122.70): E

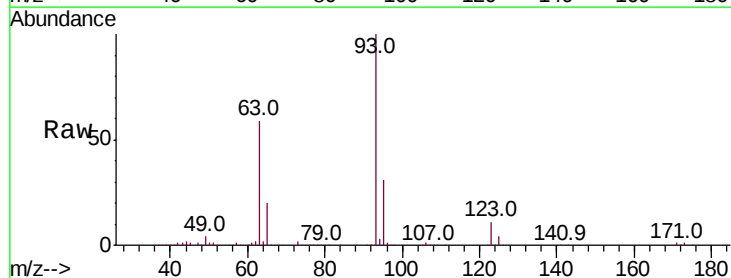
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.986 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.6
123	11.3	9.0	13.6

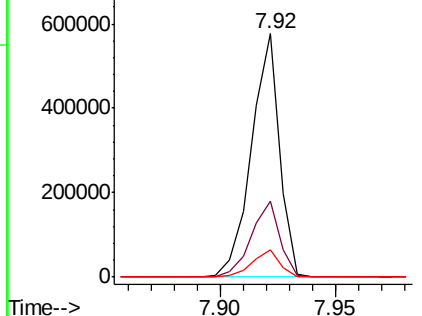
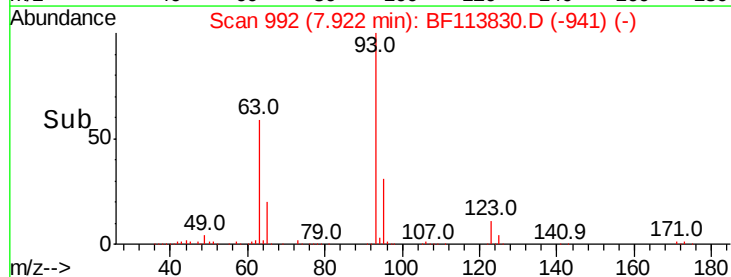


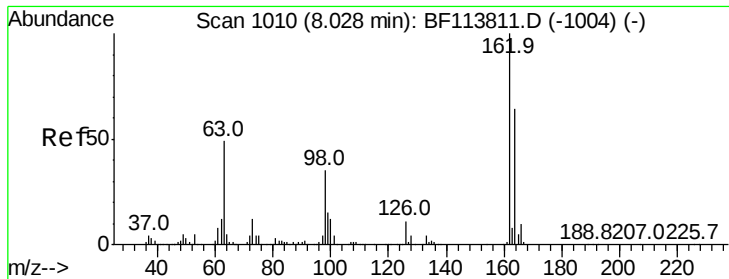
Abundance

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

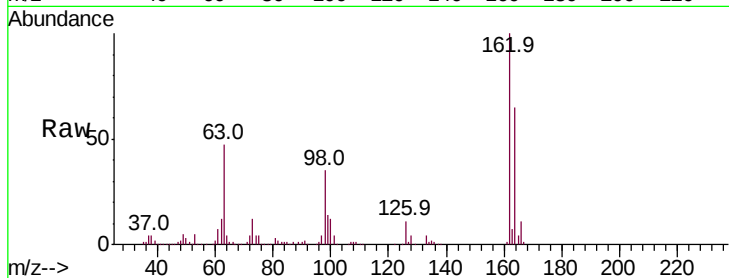




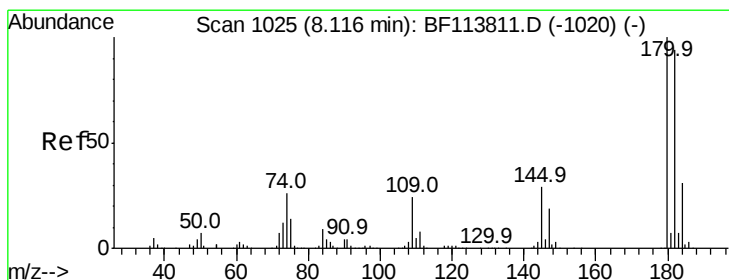
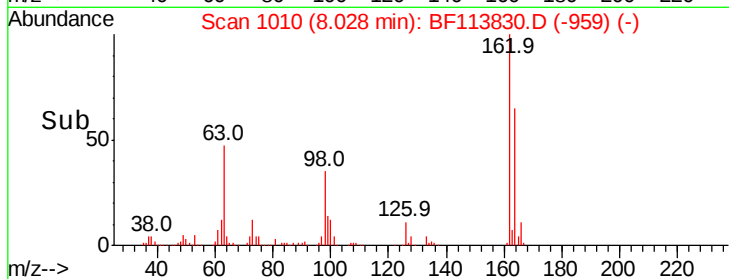
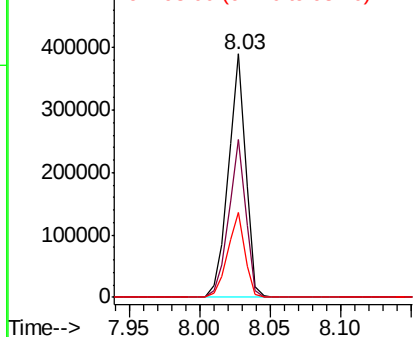
#29
2,4-Dichlorophenol
Concen: 39.122 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.7	83.7
98	35.0	15.5	55.5

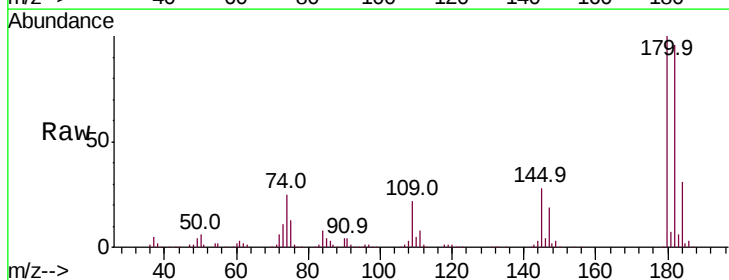


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

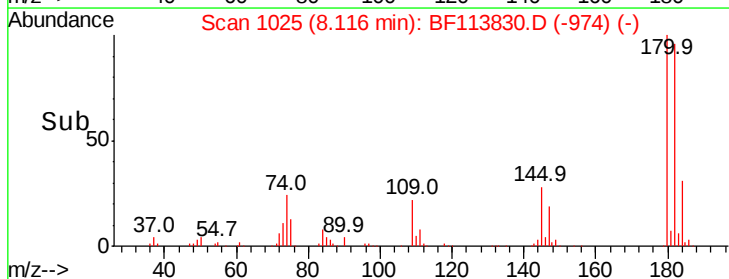
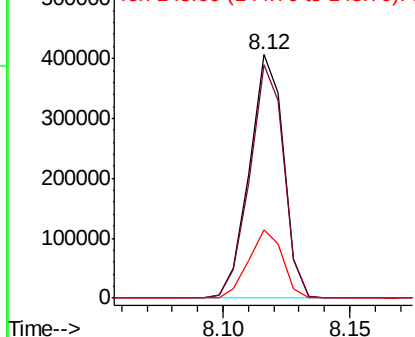


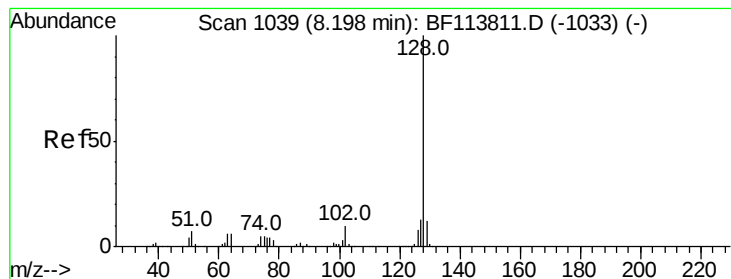
#30
1,2,4-Trichlorobenzene
Concen: 40.382 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	28.2	23.0	34.4



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





#31

Naphthalene

Concen: 40.906 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

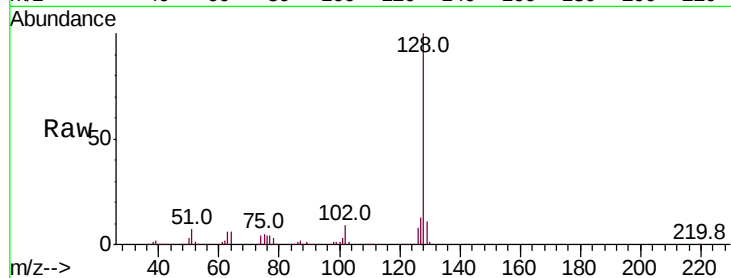
Tot Ion:128 Resp: 1101973

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

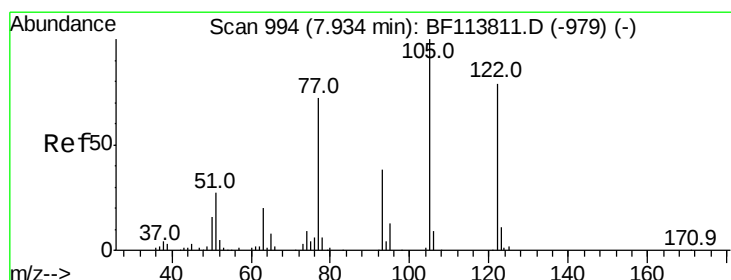
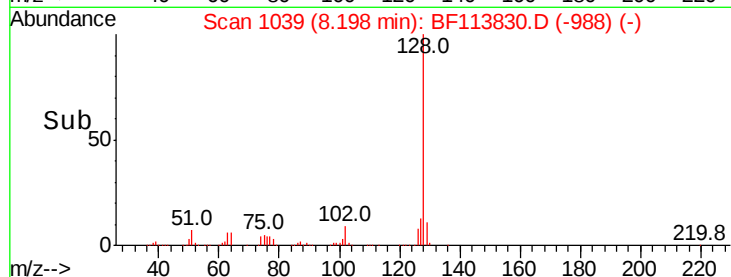
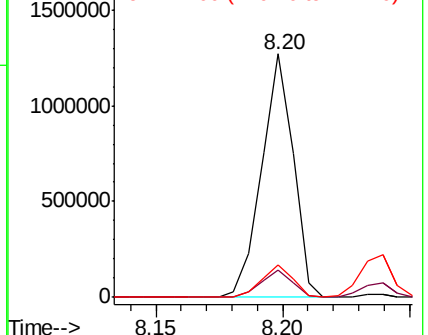
127 13.4 10.8 16.2



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: 8.014 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.07 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

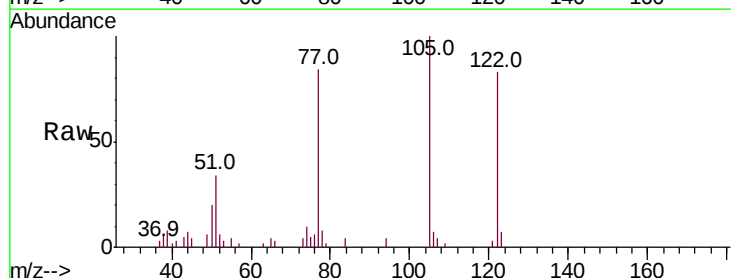
Tgt Ion:122 Resp: 12576

Ion Ratio Lower Upper

122 100

105 119.8 104.3 144.3

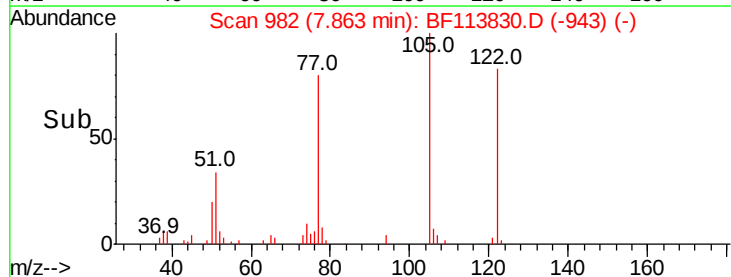
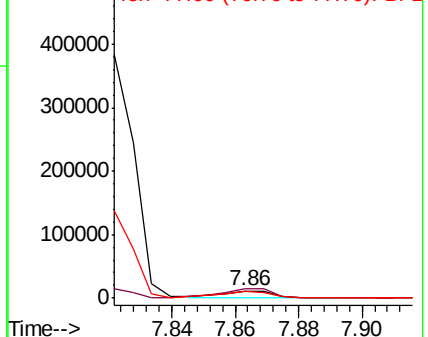
77 100.5 70.4 110.4

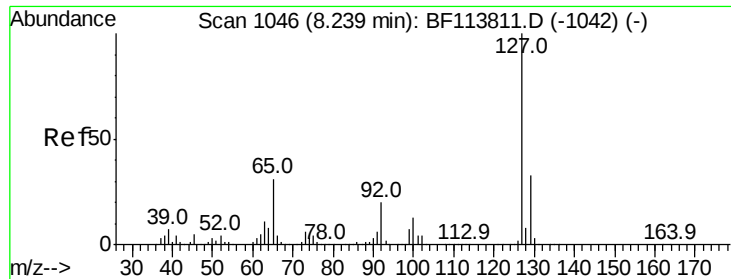


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

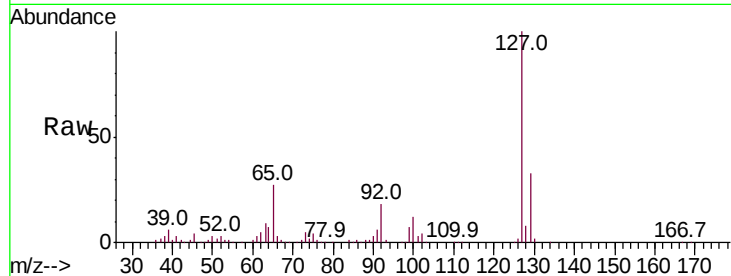




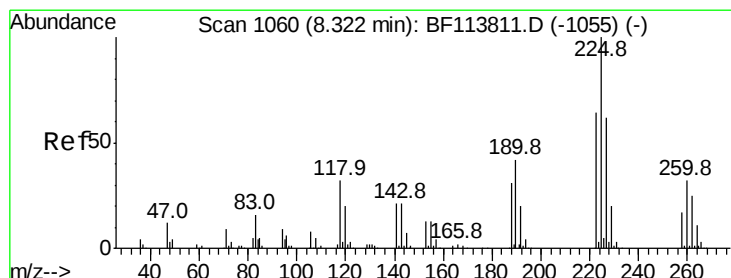
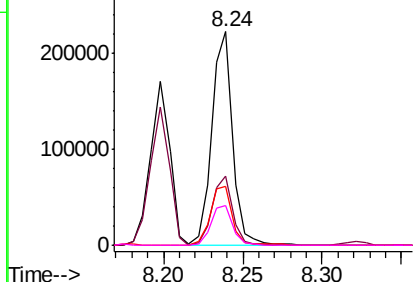
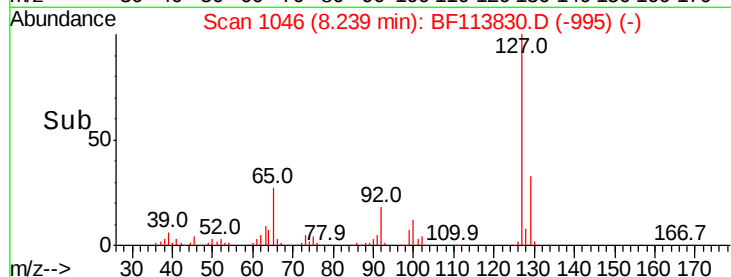
#33
4-Chloroaniline
Concen: 17.716 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	202464
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	27.4	24.9	37.3
92	18.4	15.9	23.9

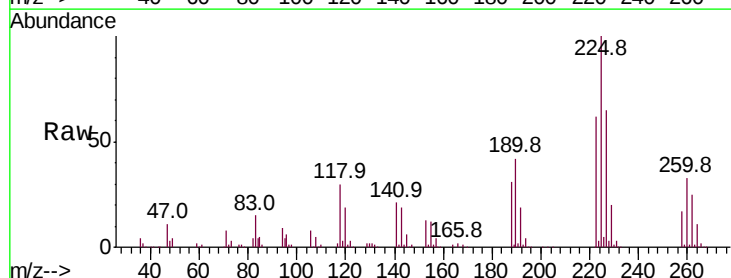


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

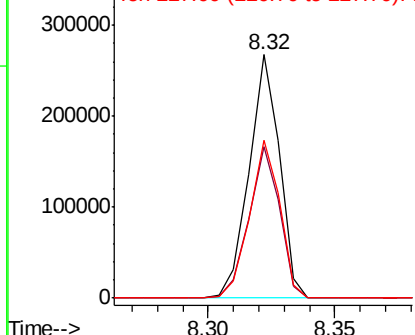
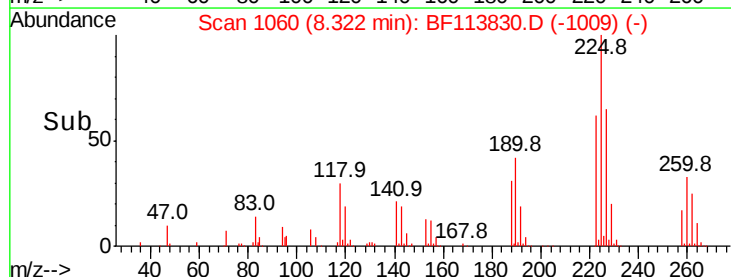


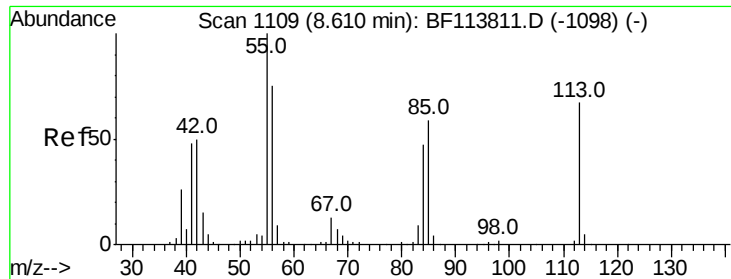
#34
Hexachlorobutadiene
Concen: 38.726 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:	225	Resp:	223257
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.1	76.7
227	64.6	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

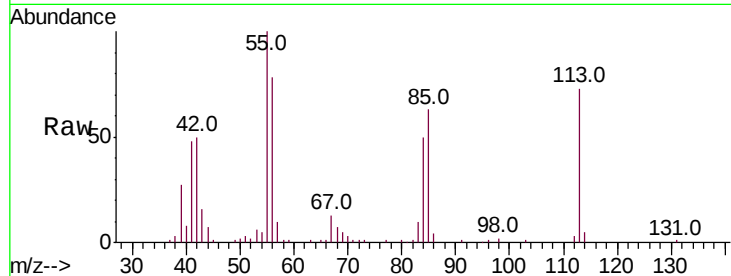




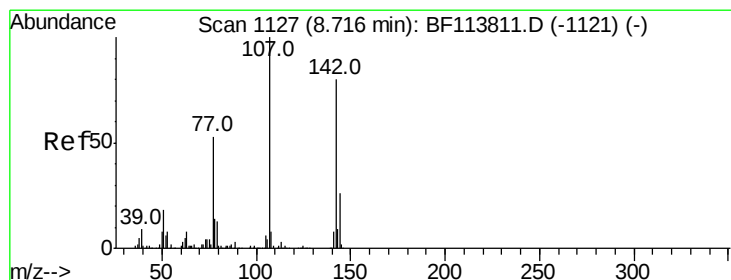
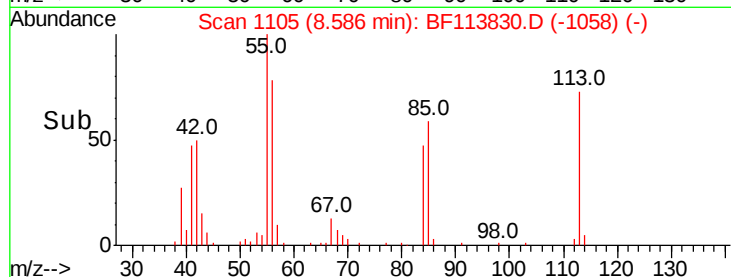
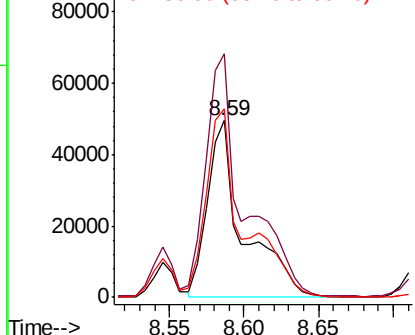
#35
 Caprolactam
 Concen: 30.123 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 82604
 Ion Ratio Lower Upper
 113 100
 55 137.7 128.6 168.6
 56 106.8 91.9 131.9

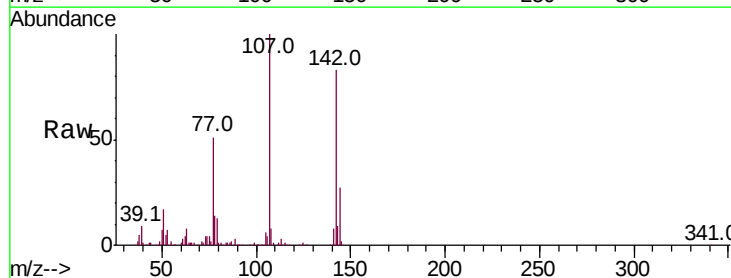


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

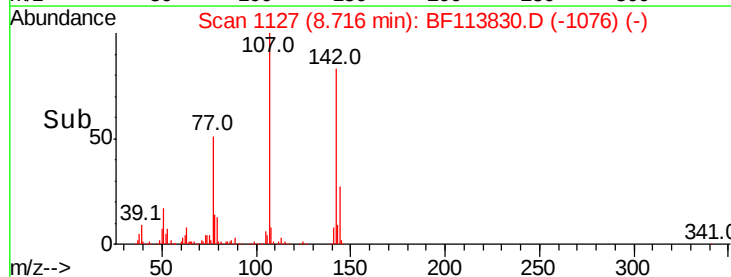
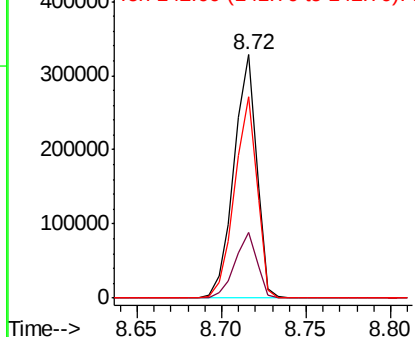


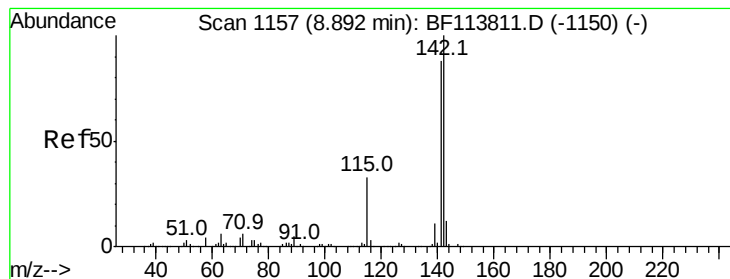
#36
 4-Chloro-3-methylphenol
 Concen: 36.364 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion:107 Resp: 306310
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 82.9 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 38.639 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

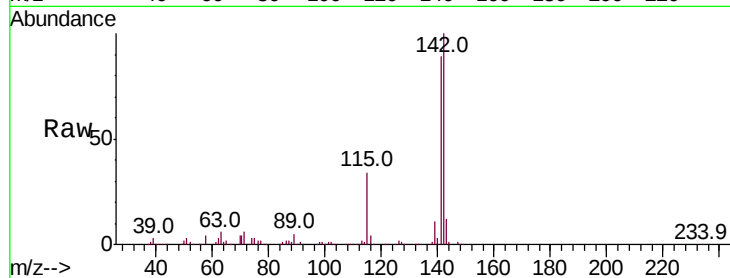
Tot Ion:142 Resp: 690603

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

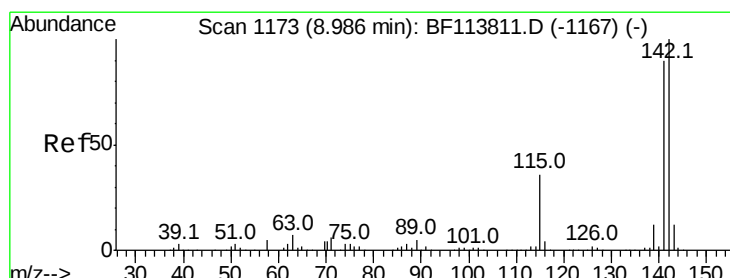
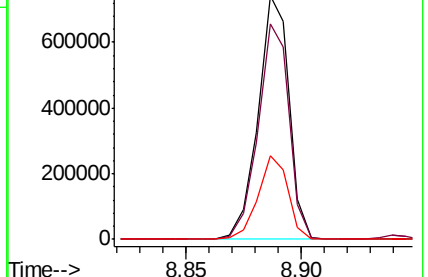
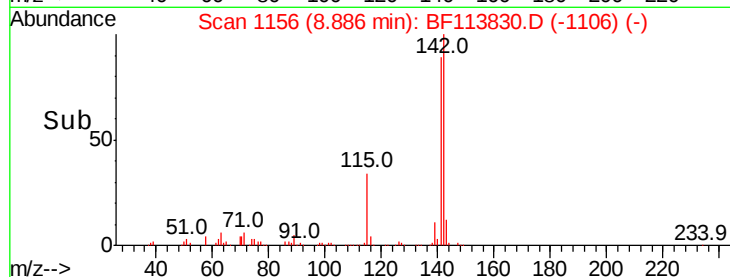
115 34.1 26.3 39.5



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: 37.512 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

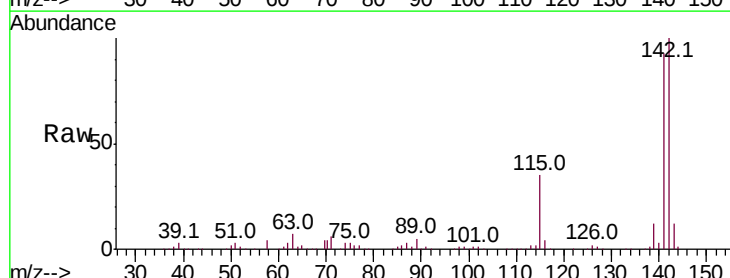
Tgt Ion:142 Resp: 650583

Ion Ratio Lower Upper

142 100

141 92.5 72.3 108.5

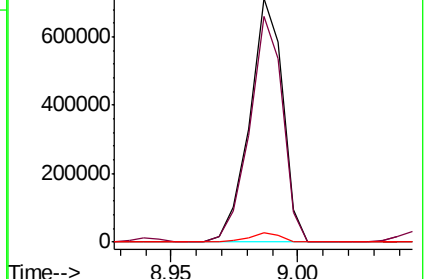
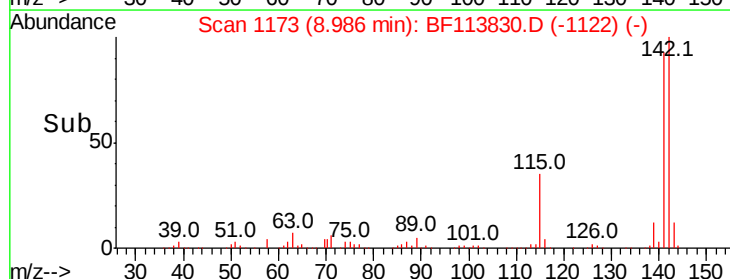
116 3.7 3.0 4.4

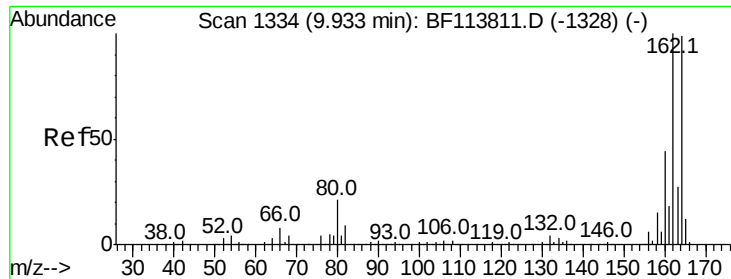


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

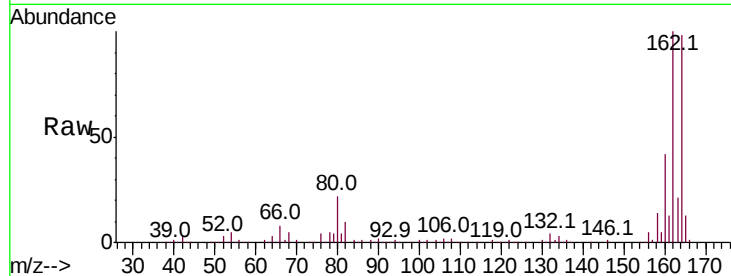




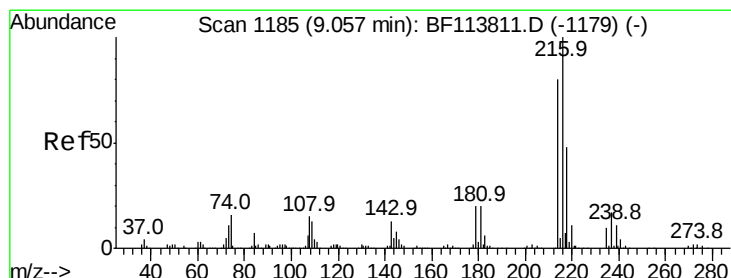
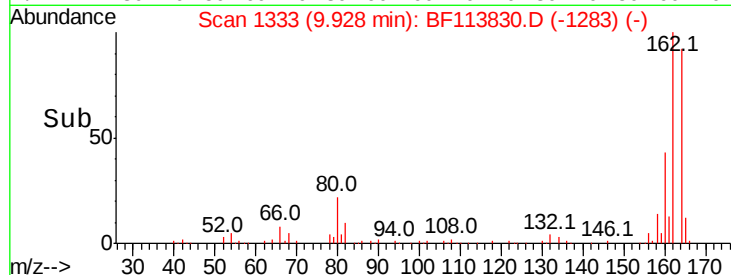
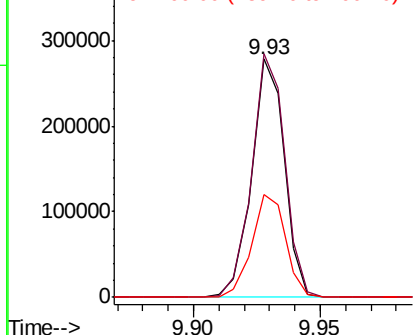
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 251305
Ion Ratio Lower Upper
164 100
162 102.2 81.1 121.7
160 43.3 35.8 53.6

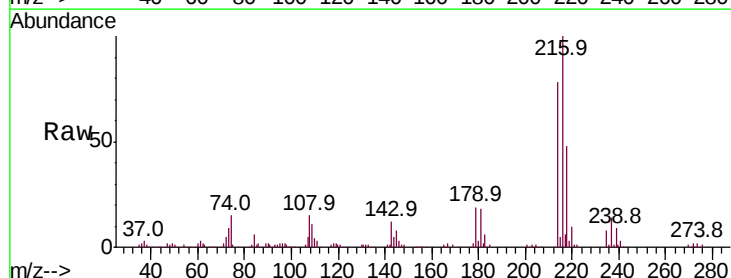


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

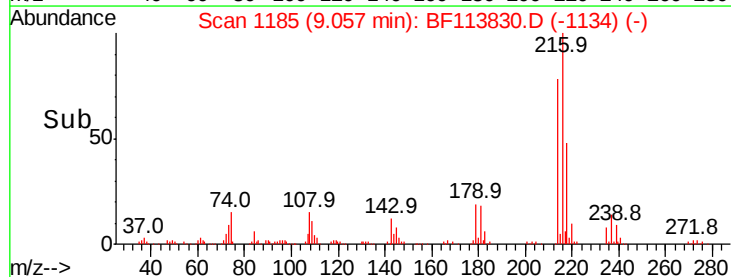
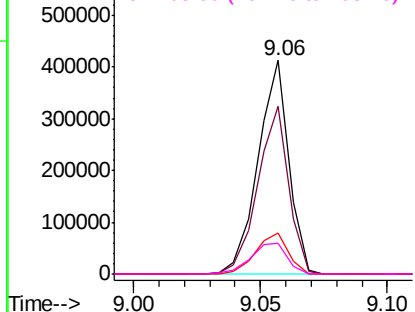


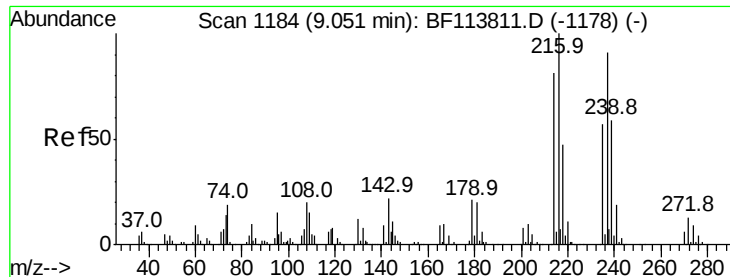
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.607 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:216 Resp: 347770
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 20.0 16.1 24.1
108 17.3 13.4 20.0



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

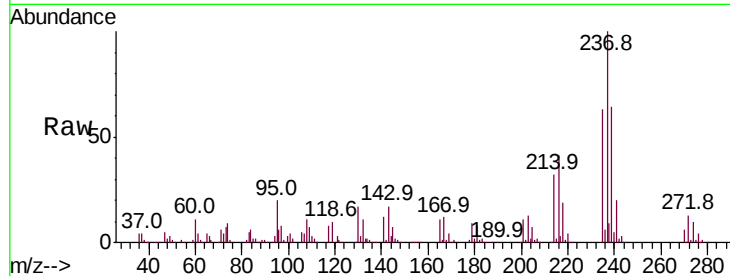




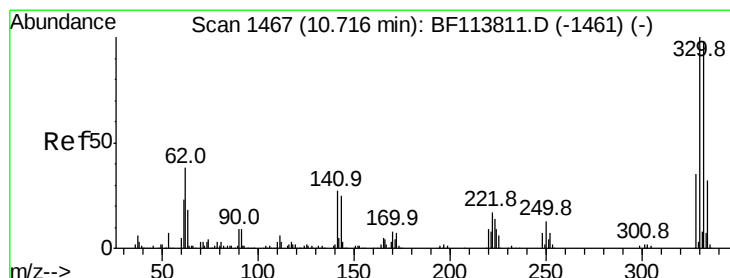
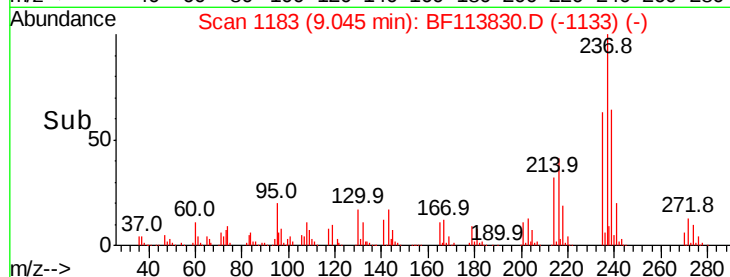
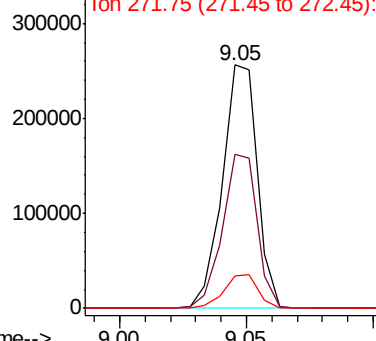
#41
Hexachlorocyclopentadiene
Concen: 56.306 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 246852
Ion Ratio Lower Upper
237 100
235 63.4 42.6 82.6
272 13.1 0.0 33.8

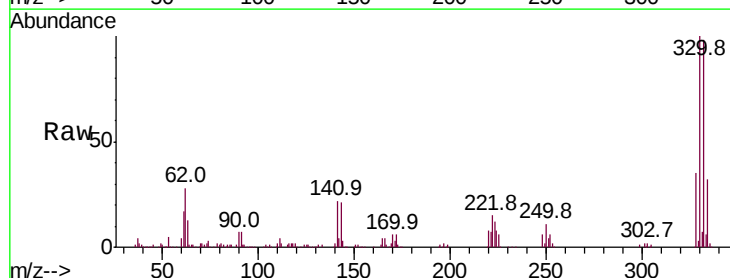


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

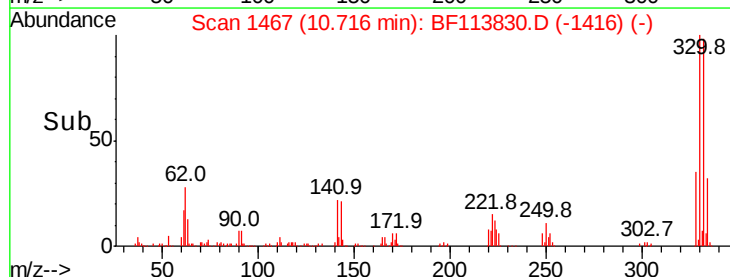
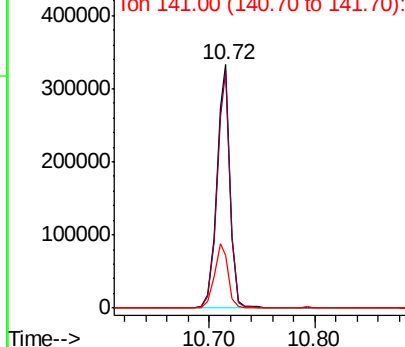


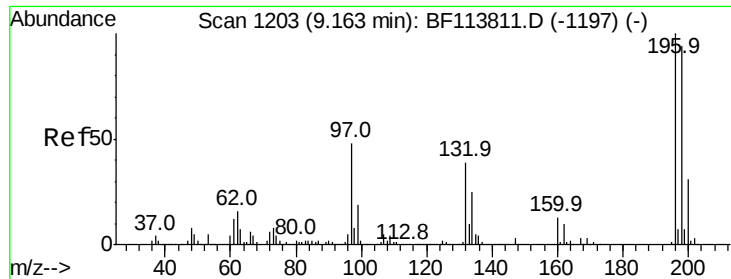
#42
2,4,6-Tribromophenol
Concen: 106.952 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:330 Resp: 296949
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 27.3 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

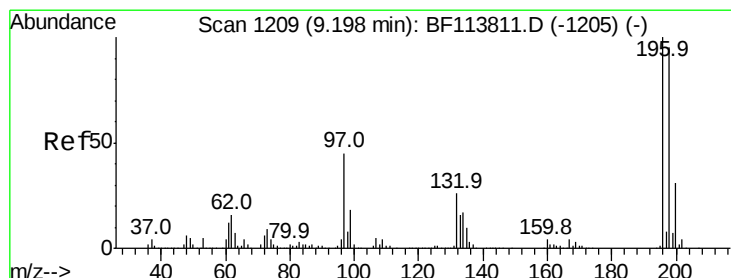
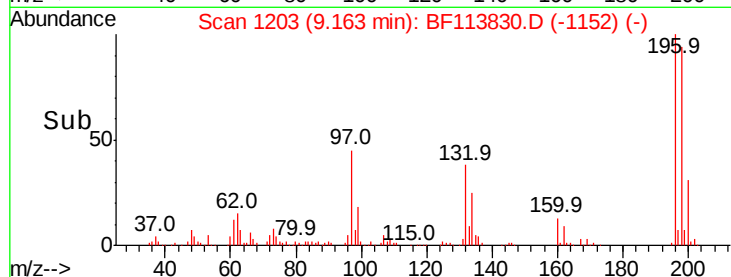
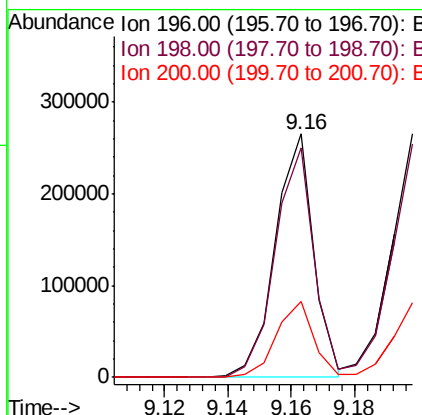
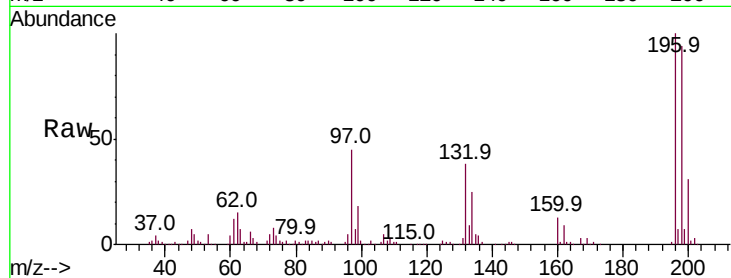




#43
 2,4,6-Trichlorophenol
 Concen: 43.582 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

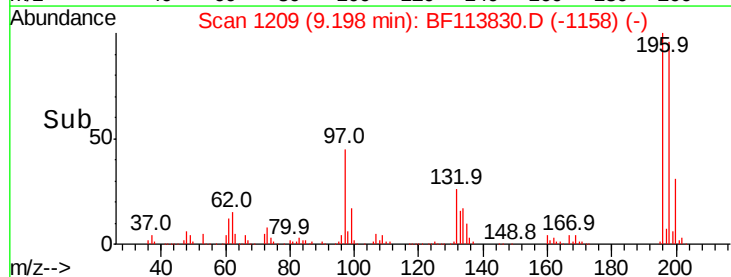
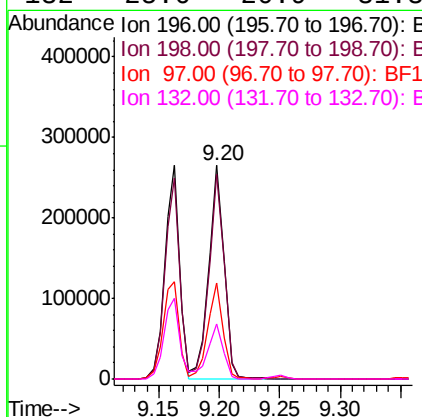
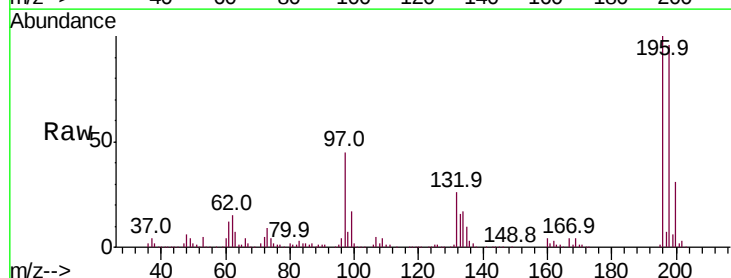
Instrument :
 BNA_F
 ClientSampleId :

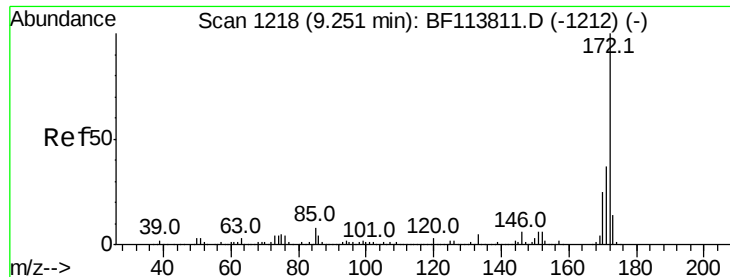
Tot Ion:196 Resp: 223728
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.6 113.4
 200 31.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.371 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion:196 Resp: 234732
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.4
 97 45.1 35.8 53.8
 132 25.6 20.9 31.3

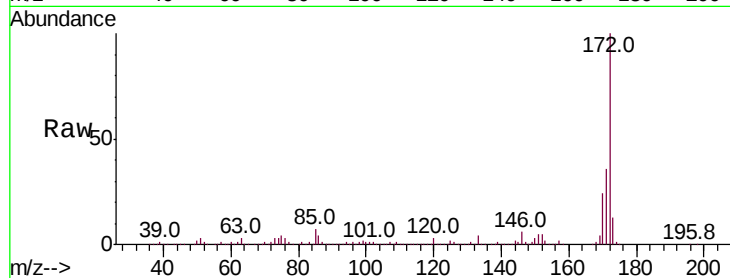




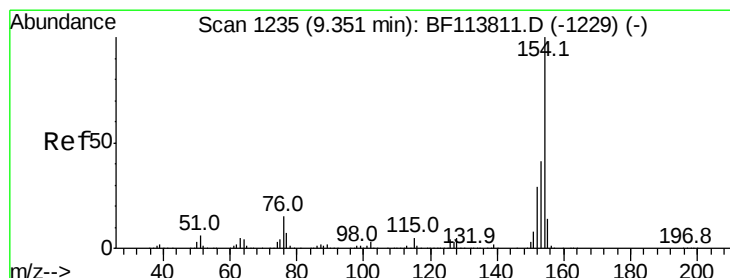
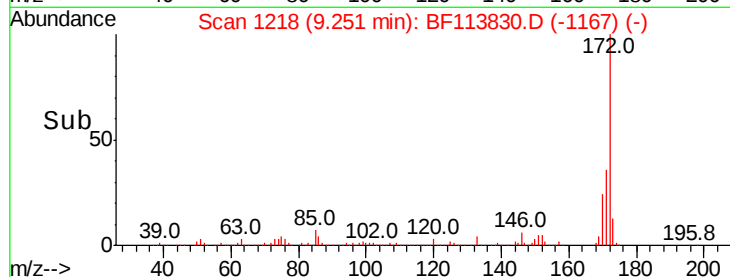
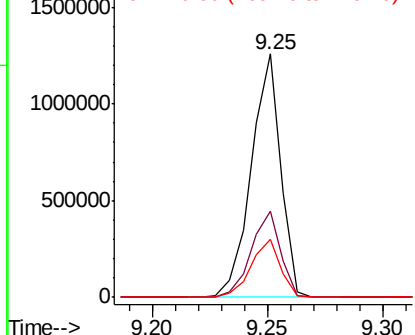
#45
2-Fluorobiphenyl
Concen: 67.931 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1119416
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.1 19.9 29.9

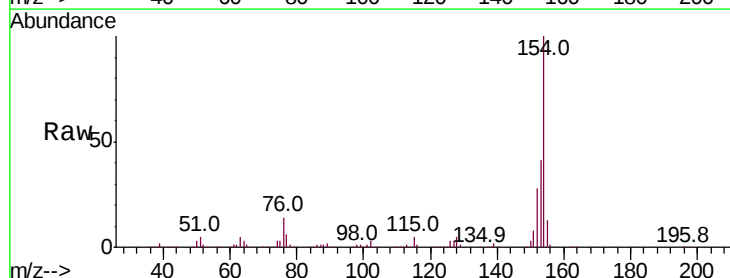


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

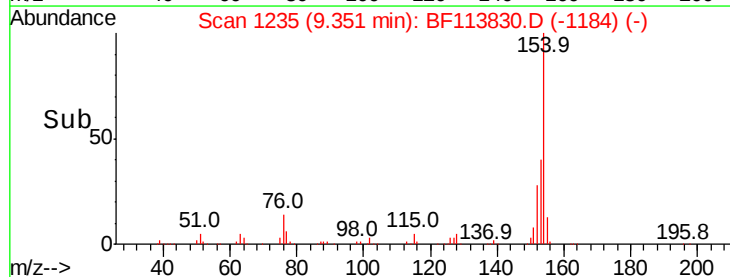
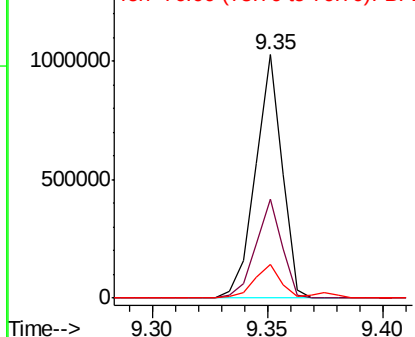


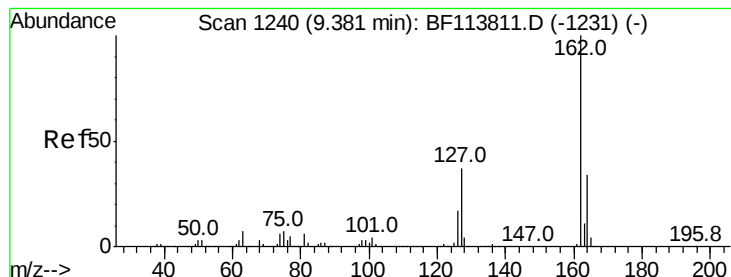
#46
1,1'-Biphenyl
Concen: 43.461 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:154 Resp: 826480
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 13.8 0.0 35.2



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





#47

2-Chloronaphthalene

Concen: 41.873 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

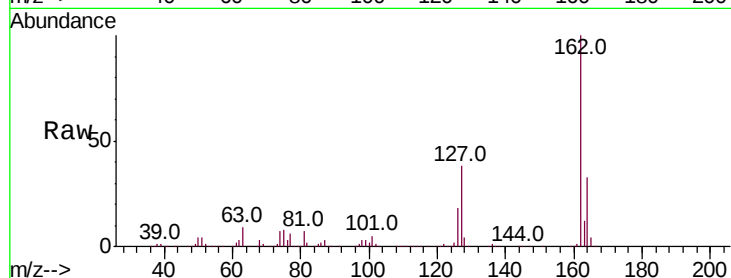
Tot Ion:162 Resp: 651848

Ion Ratio Lower Upper

162 100

127 37.7 29.3 43.9

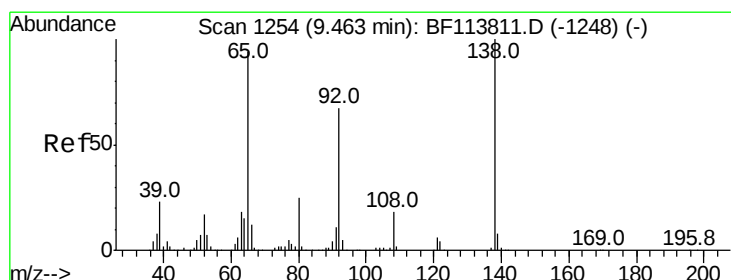
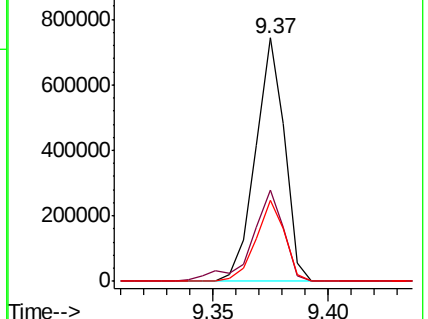
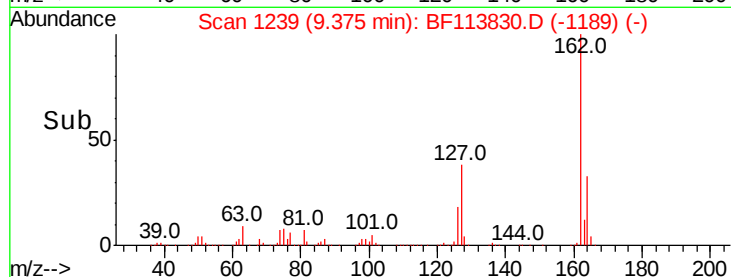
164 33.1 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.823 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

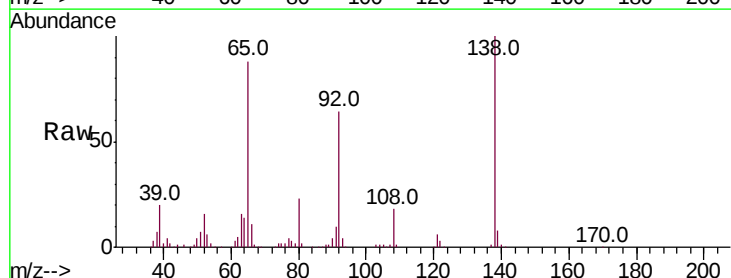
Tgt Ion: 65 Resp: 173469

Ion Ratio Lower Upper

65 100

92 73.1 57.4 86.0

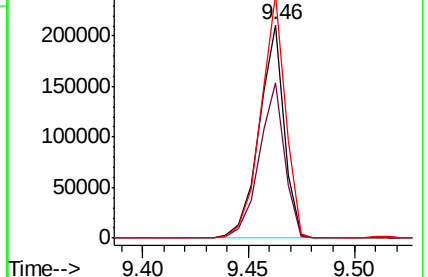
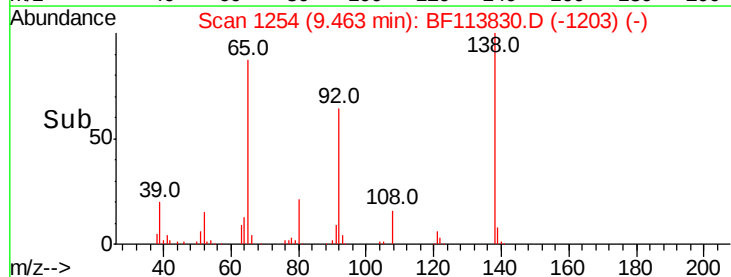
138 114.2 85.4 128.0

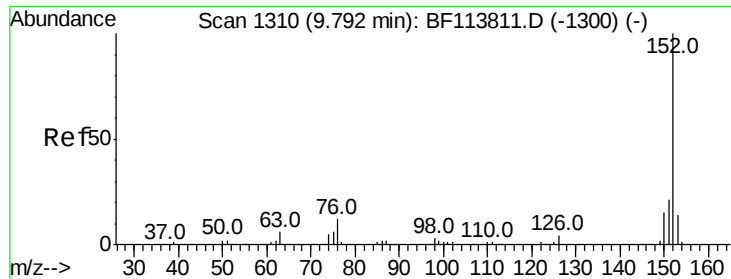


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.927 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

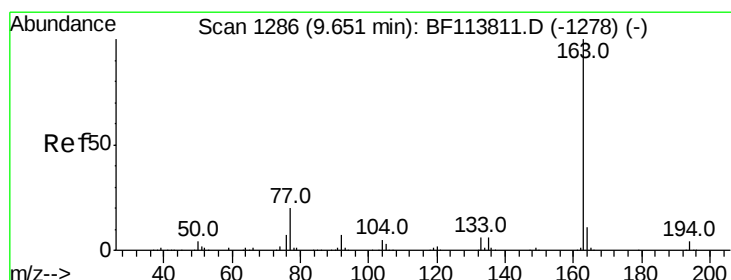
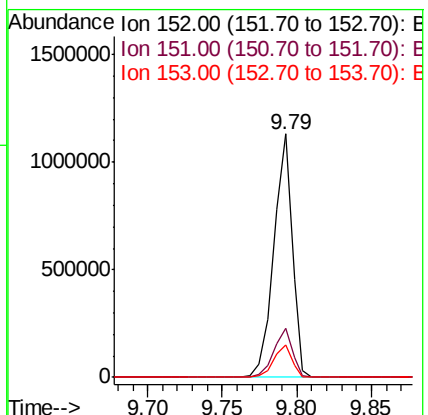
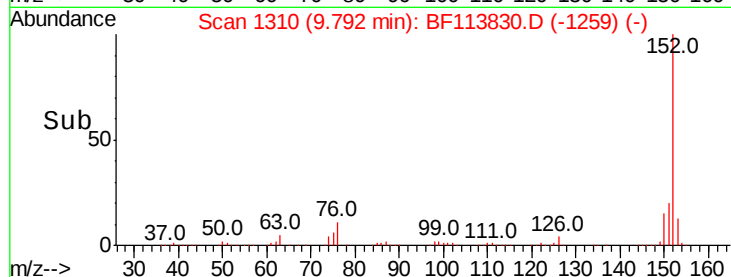
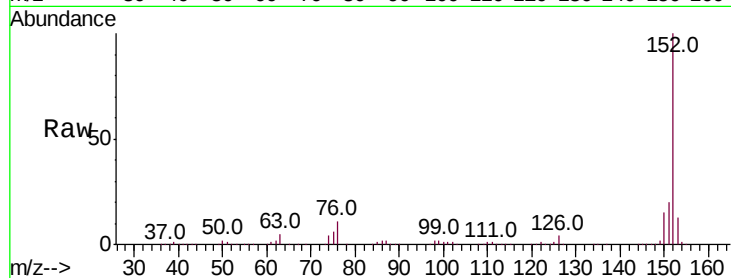
Tot Ion:152 Resp: 972141

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

153 13.3 11.0 16.6



#50

Dimethylphthalate

Concen: 50.693 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

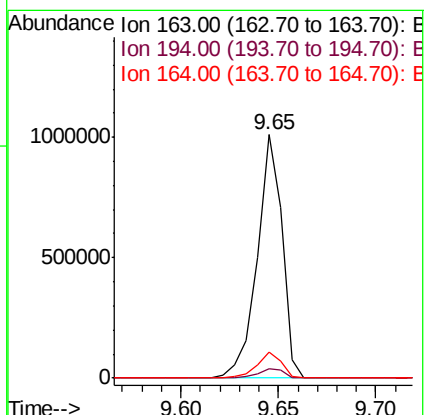
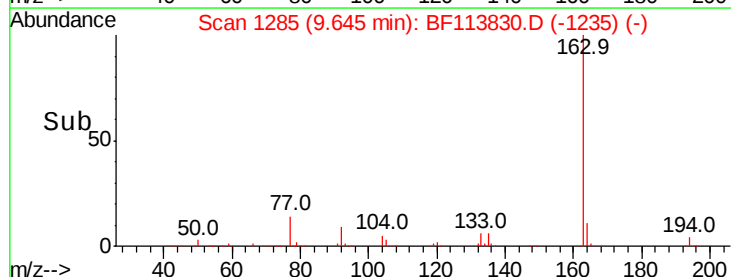
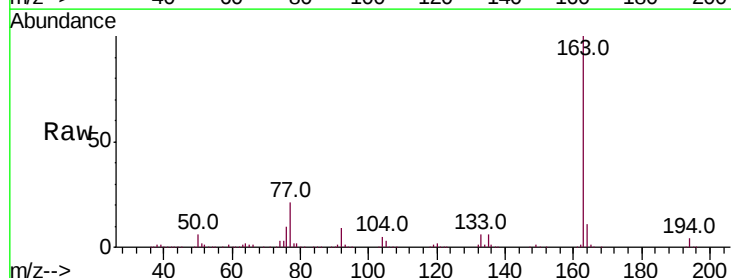
Tgt Ion:163 Resp: 891525

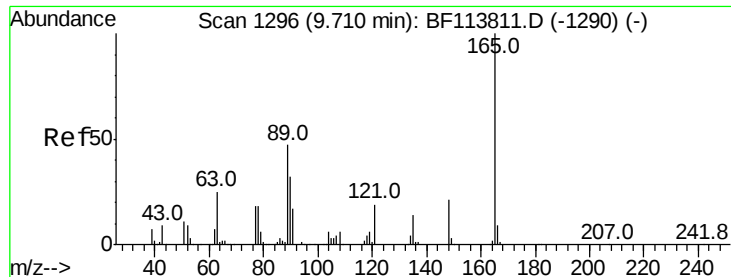
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.6 8.5 12.7

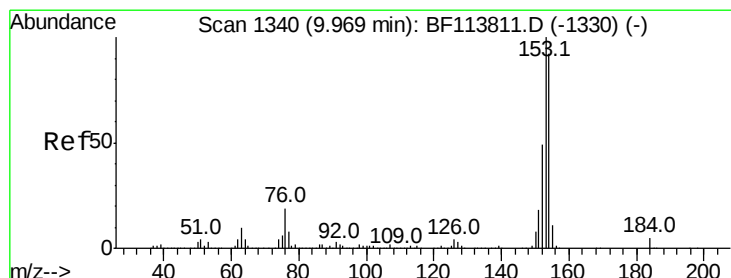
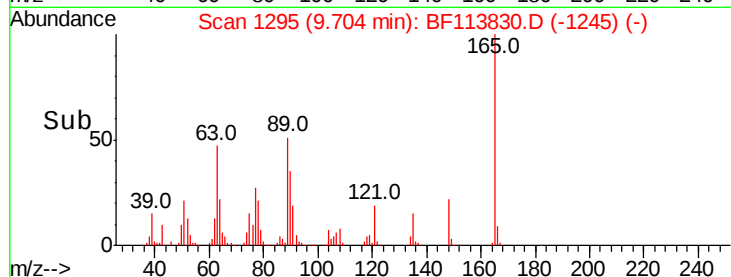
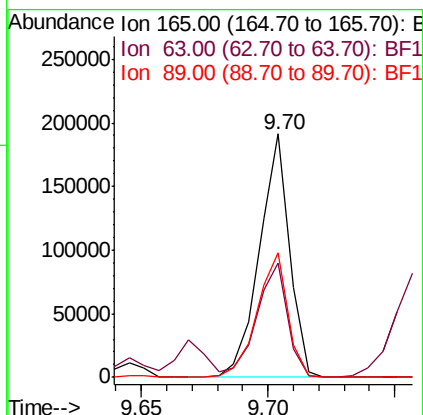
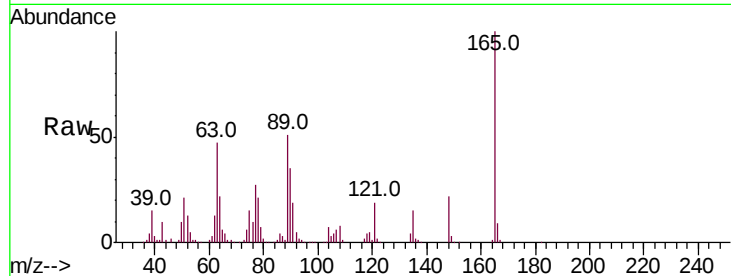




#51
 2,6-Dinitrotoluene
 Concen: 40.647 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

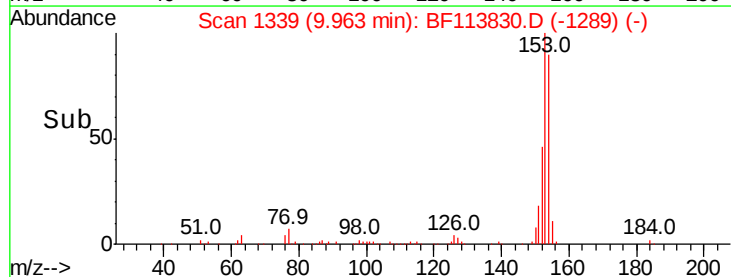
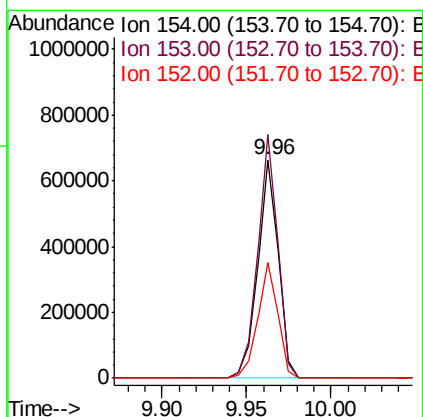
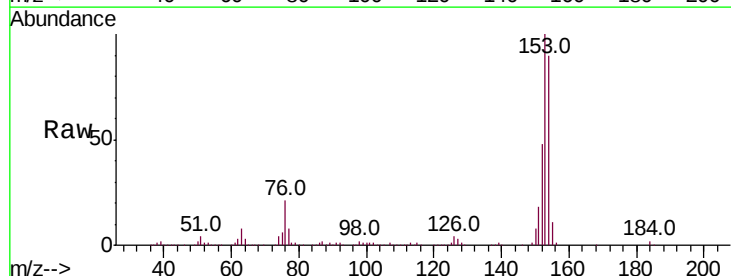
Instrument :
 BNA_F
 ClientSampleId :

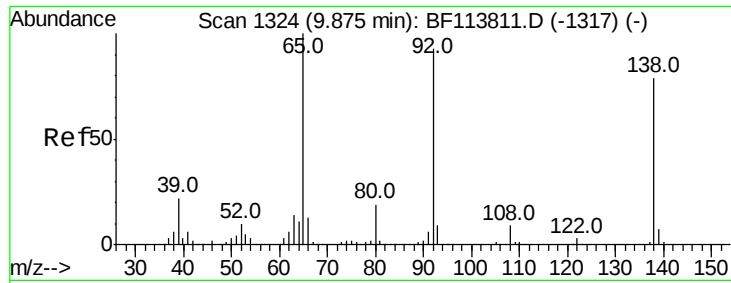
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	33.8	50.8
89	51.0	38.2	57.2



#52
 Acenaphthene
 Concen: 39.428 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	87.2	130.8
152	53.1	42.3	63.5

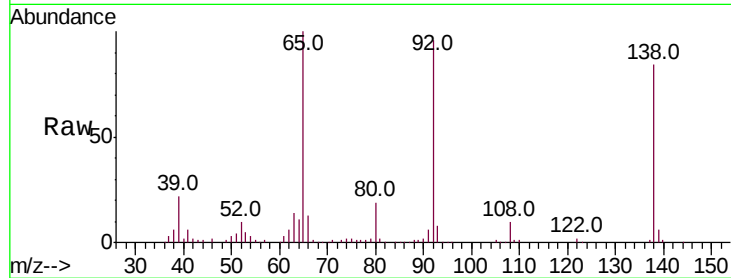




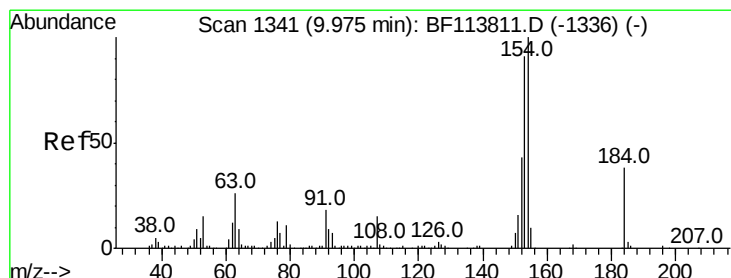
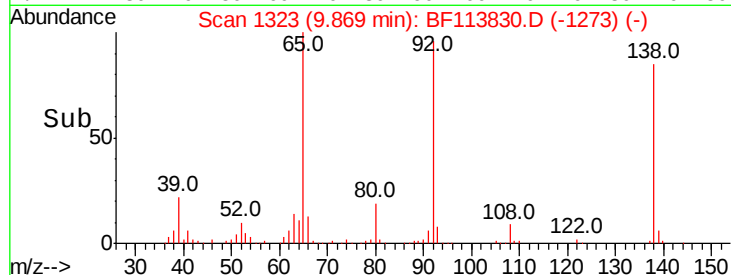
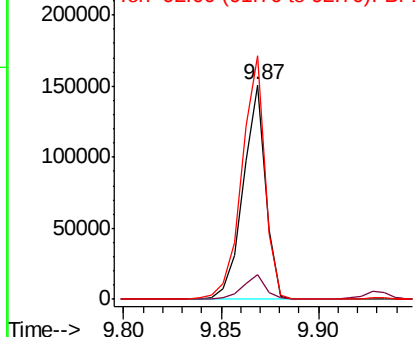
#53
3-Nitroaniline
Concen: 29.357 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 120654
Ion Ratio Lower Upper
138 100
108 11.3 9.4 14.2
92 113.5 94.1 141.1

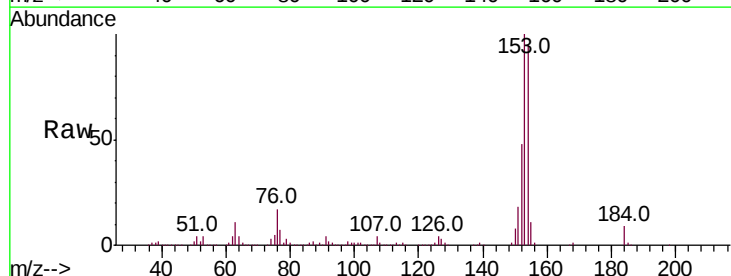


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

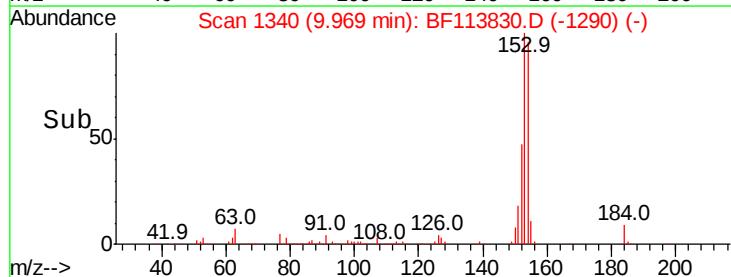
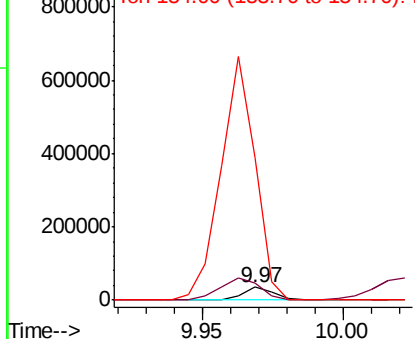


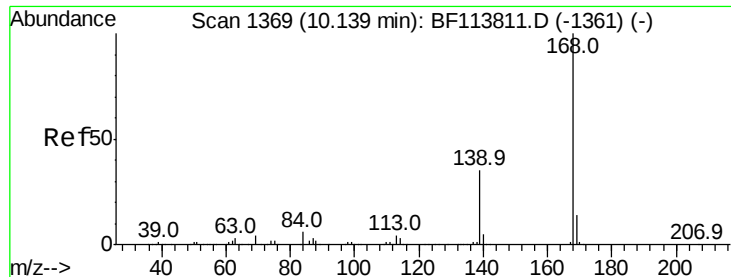
#54
2,4-Dinitrophenol
Concen: 25.542 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:184 Resp: 26842
Ion Ratio Lower Upper
184 100
63 127.6 54.6 81.8#
154 1094.8 218.6 328.0#



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

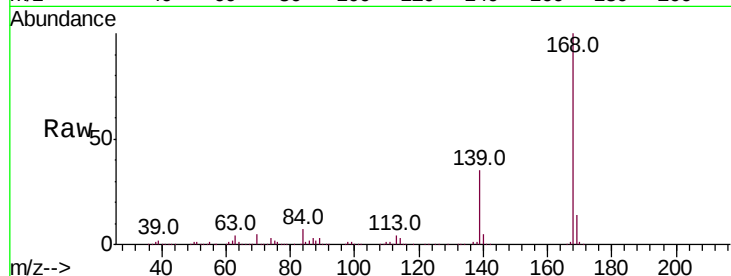




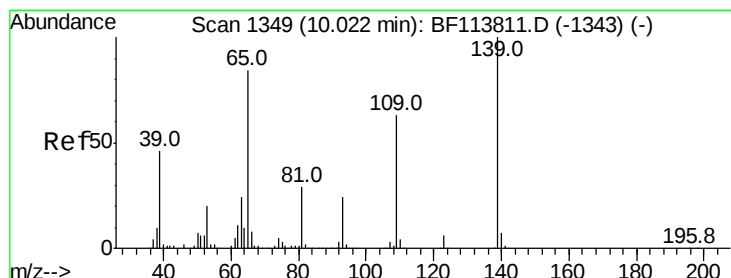
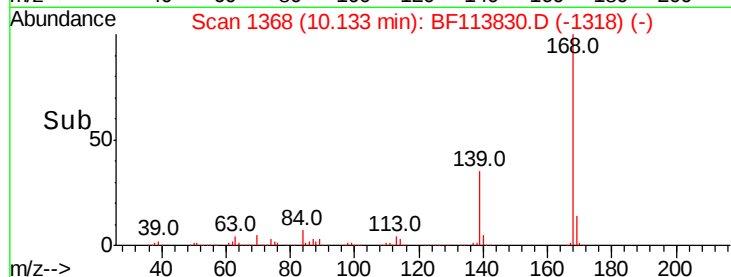
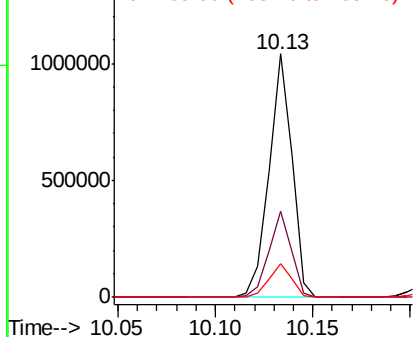
#55
Dibenzofuran
Concen: 39.625 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	27.8	41.6
169	13.8	11.0	16.6

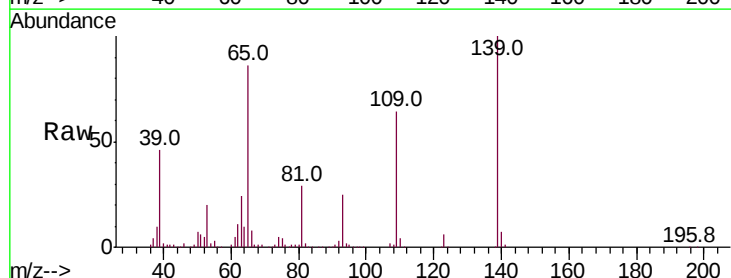


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

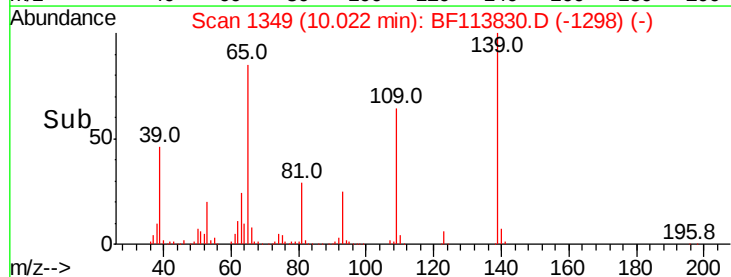
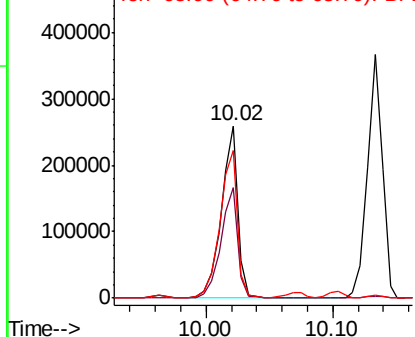


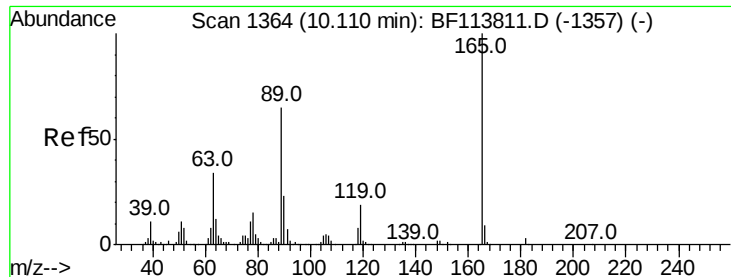
#56
4-Nitrophenol
Concen: 70.840 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.9	82.9
65	85.6	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

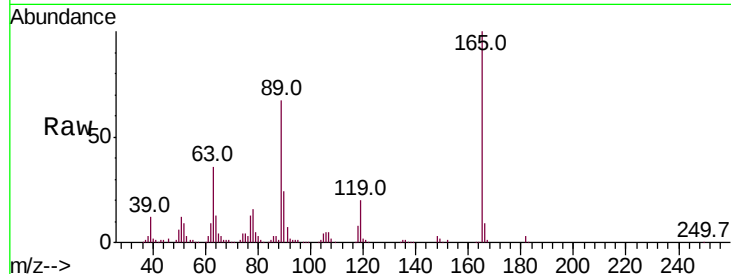




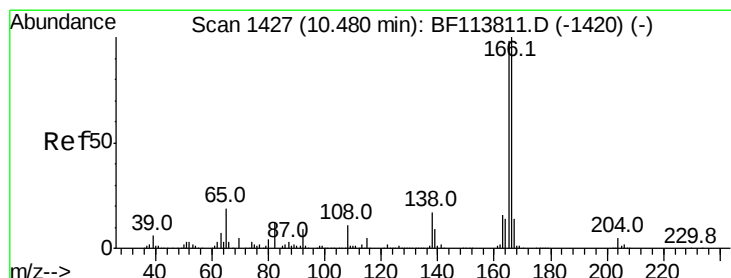
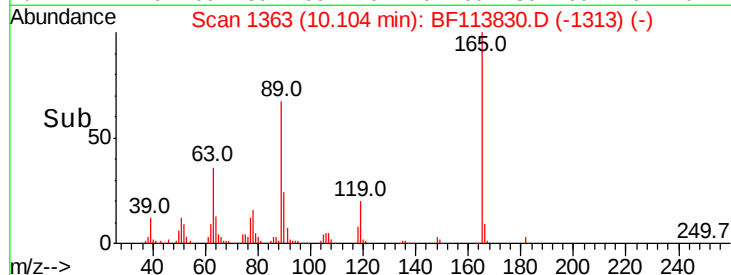
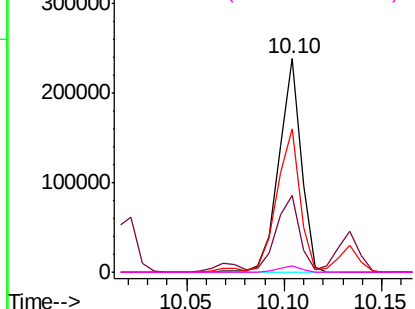
#57
2,4-Dinitrotoluene
Concen: 39.196 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 188740
Ion Ratio Lower Upper
165 100
63 36.0 27.4 41.0
89 67.3 51.8 77.6
182 2.9 2.2 3.2

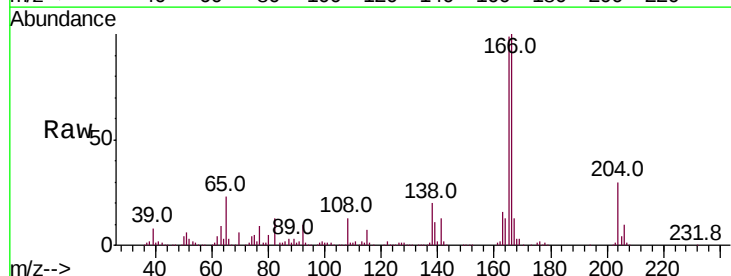


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

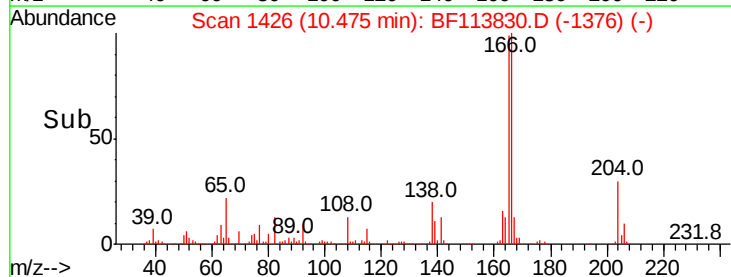
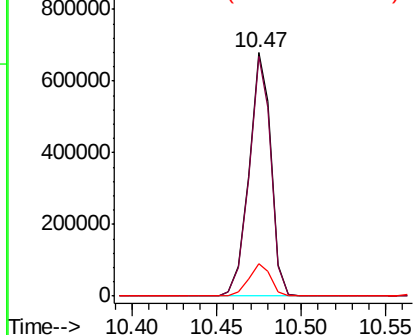


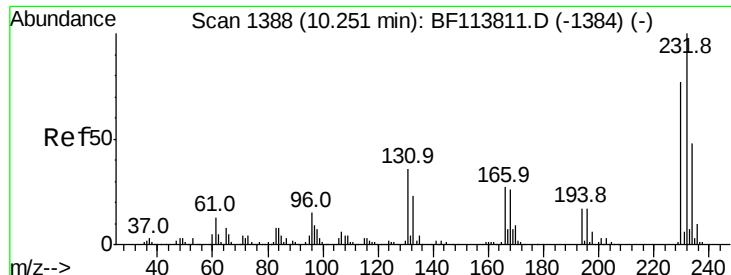
#58
Fluorene
Concen: 38.548 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:166 Resp: 615192
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 13.3 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

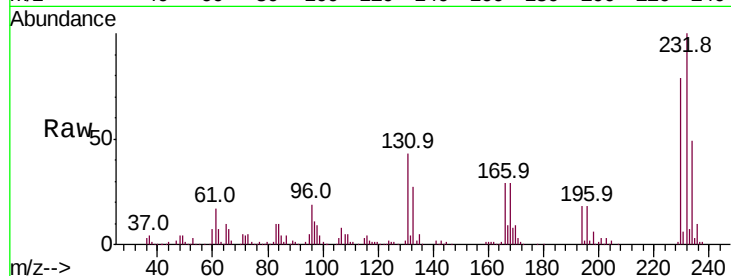




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.260 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.4	30.2	45.2
130	2.0	1.5	2.3
166	26.9	22.2	33.4



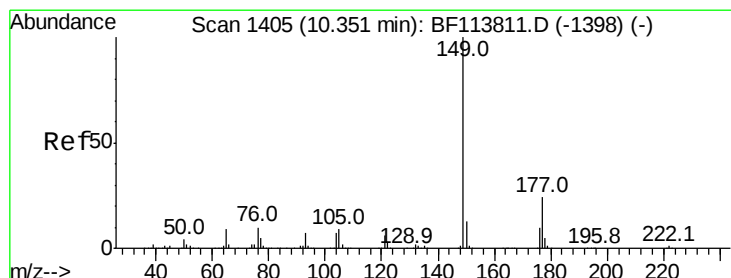
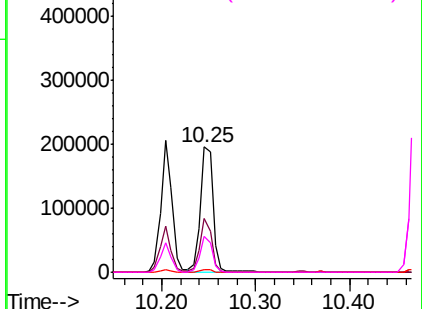
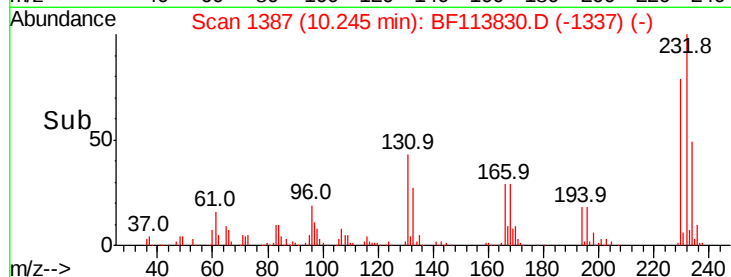
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

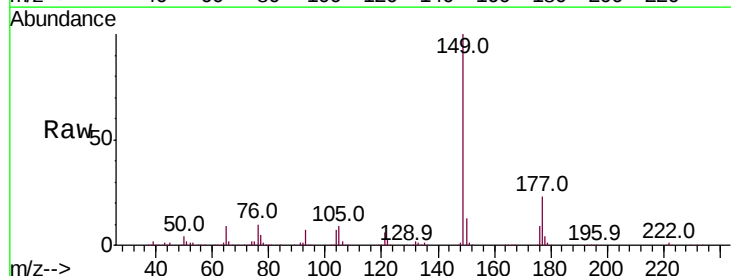
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.897 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.2	28.8
150	12.8	10.3	15.5

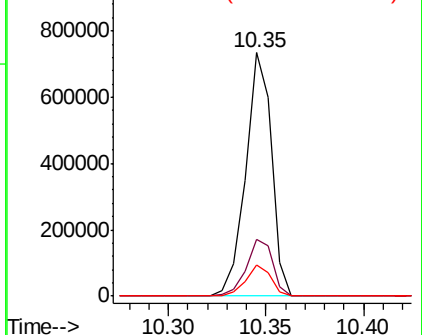
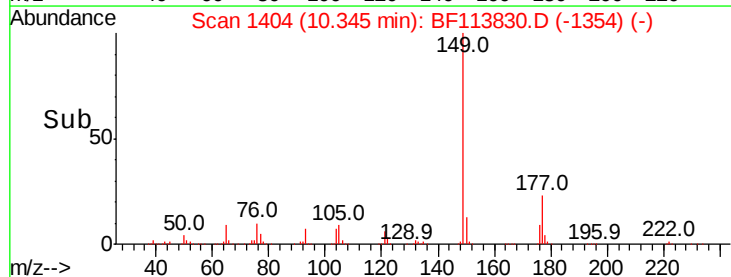


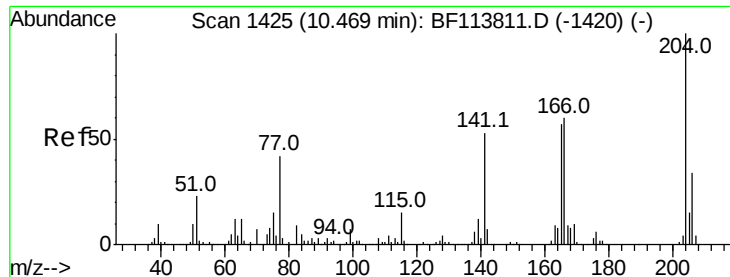
Abundance

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

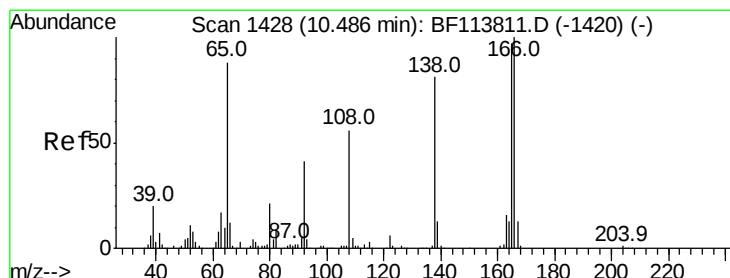
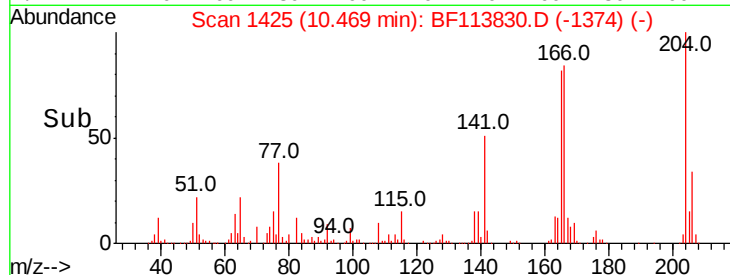
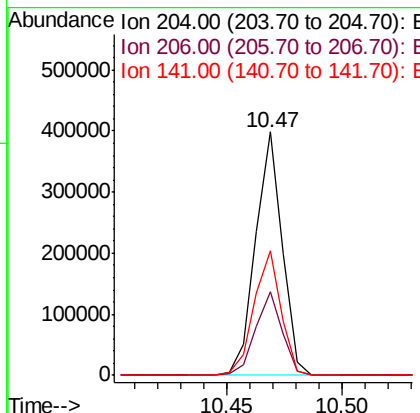
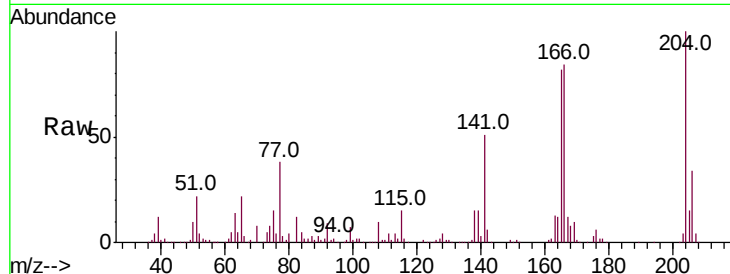




#61
 4-Chlorophenyl-phenylether
 Concen: 39.388 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

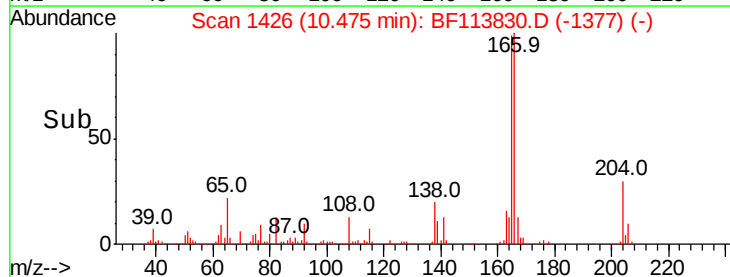
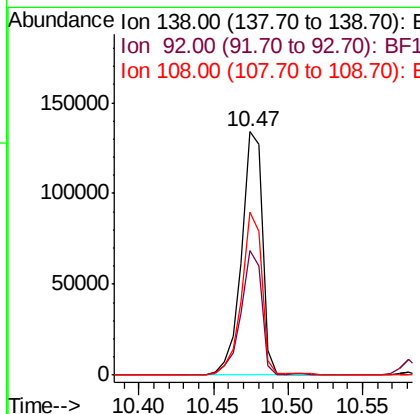
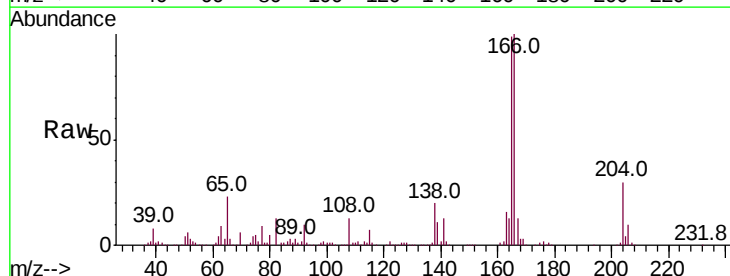
Instrument :
 BNA_F
 ClientSampled :

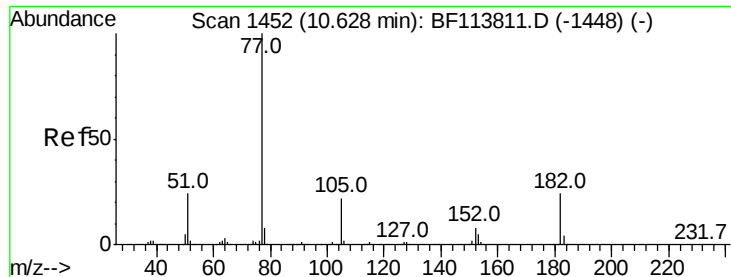
Tot Ion:204 Resp: 321899
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.4 41.2
 141 51.3 42.6 63.8



#62
 4-Nitroaniline
 Concen: 33.036 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion:138 Resp: 130605
 Ion Ratio Lower Upper
 138 100
 92 51.2 31.3 71.3
 108 67.1 48.9 88.9





#63

Azobenzene

Concen: 36.245 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 627763

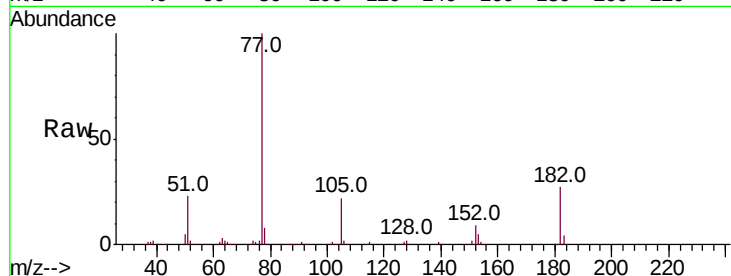
Ion Ratio Lower Upper

77 100

182 26.9 4.4 44.4

105 22.0 2.2 42.2

51 23.3 3.9 43.9

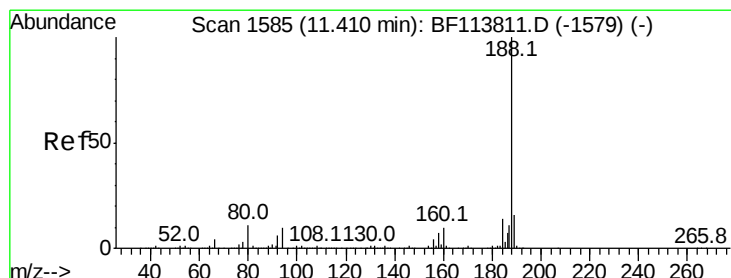
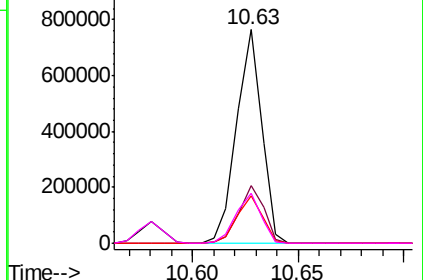
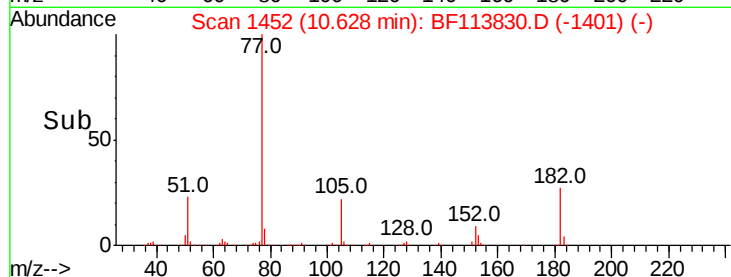


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113830.D

Acq: 18 Apr 2019 21:29

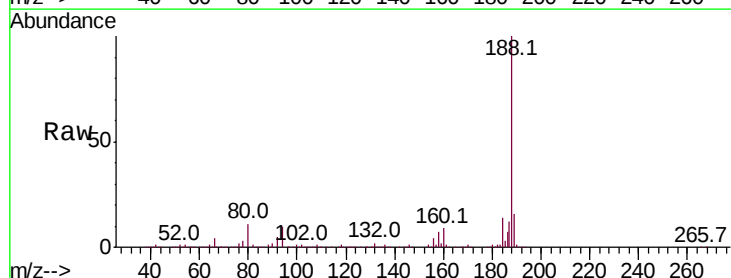
Tgt Ion: 188 Resp: 433084

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

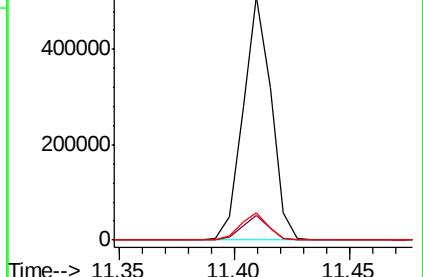
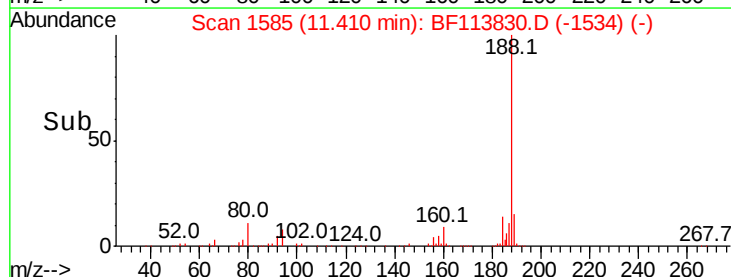
80 11.3 9.0 13.6

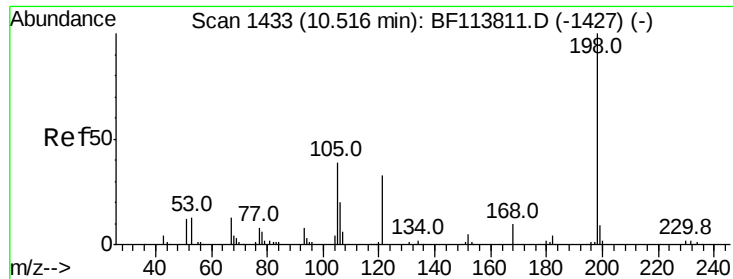


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

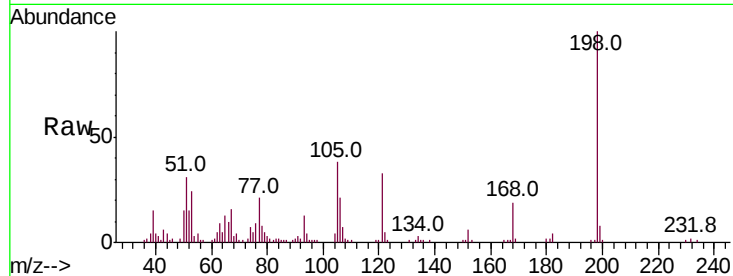




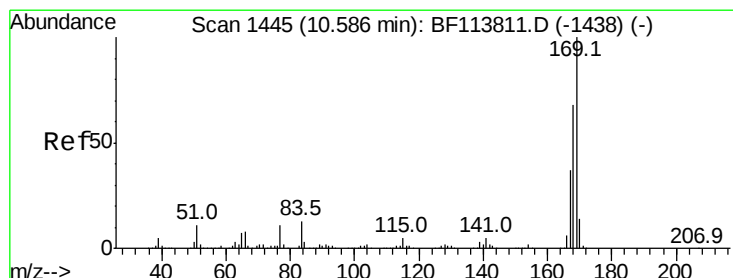
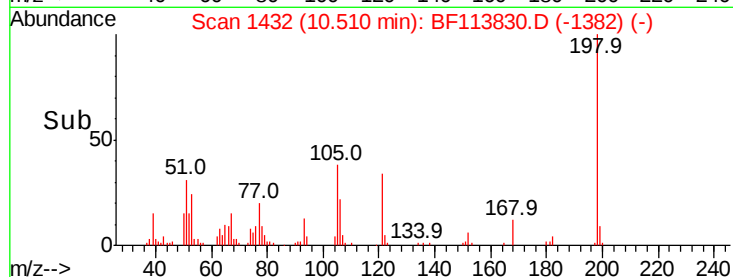
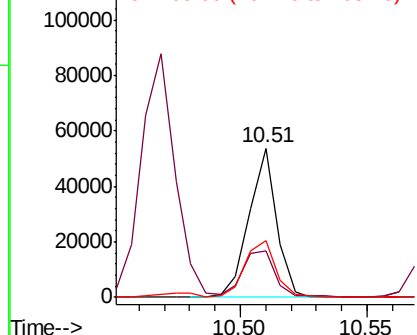
#65
4,6-Dinitro-2-methylphenol
Concen: 26.483 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.3	11.1	51.1
105	38.3	20.7	60.7

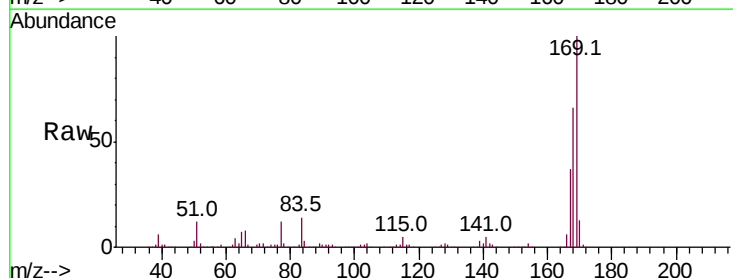


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

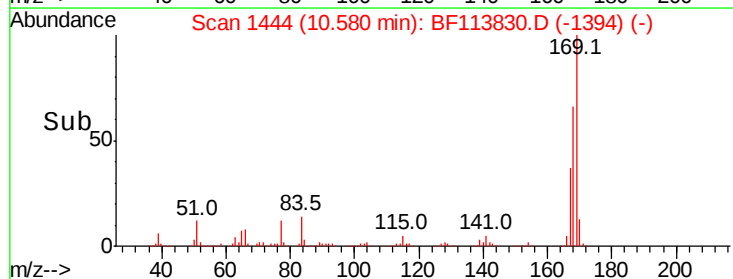
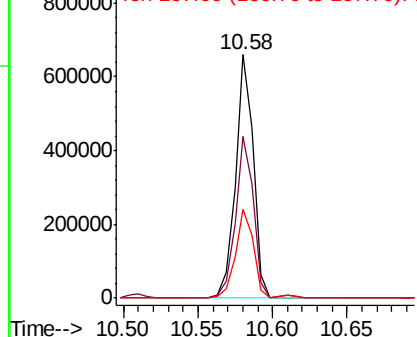


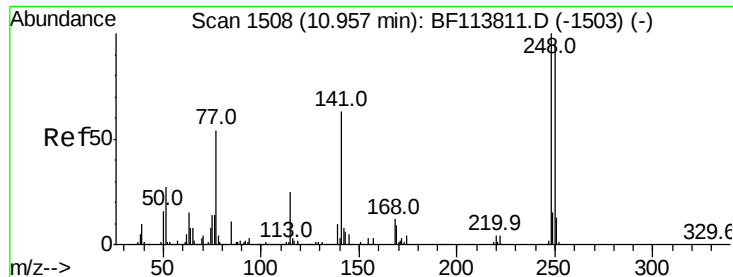
#66
n-Nitrosodiphenylamine
Concen: 42.350 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.3	81.5
167	36.6	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

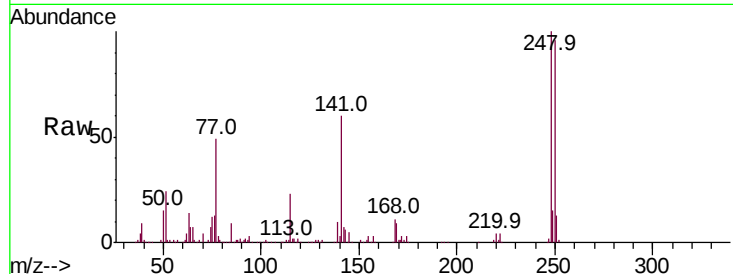




#67
4-Bromophenyl-phenylether
Concen: 39.886 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	75.8	113.6
141	59.7	50.2	75.4

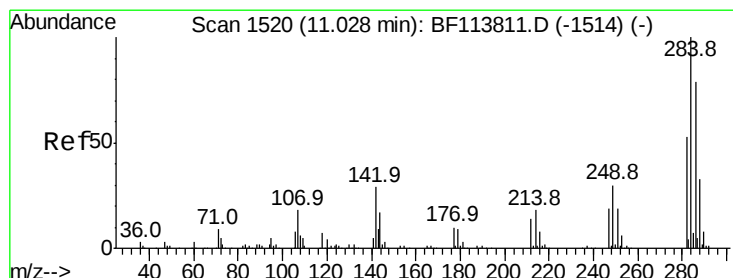
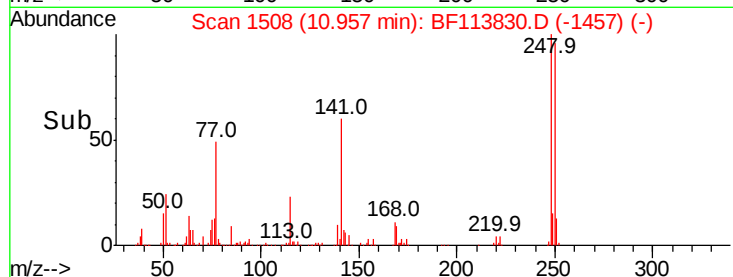
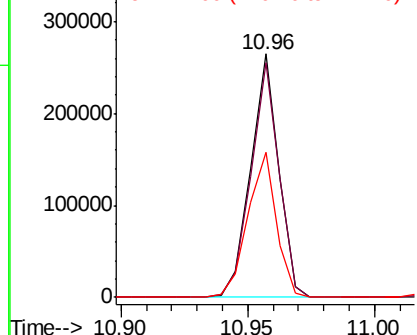


Abundance

Ion 248.00 (247.70 to 248.70): E

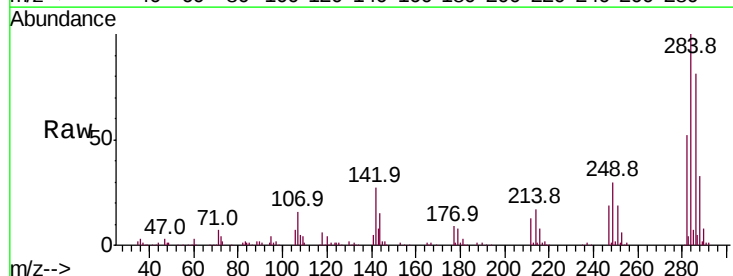
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.002 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	23.0	34.4
249	30.2	24.4	36.6

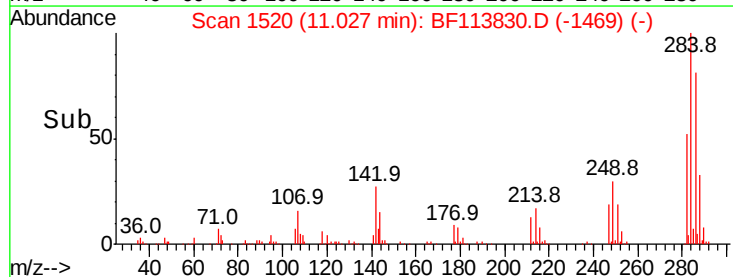
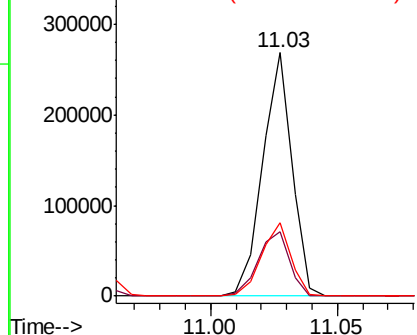


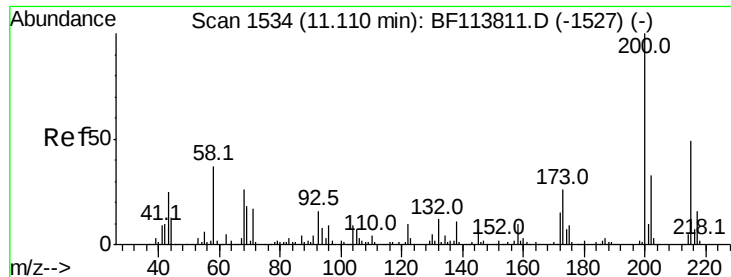
Abundance

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

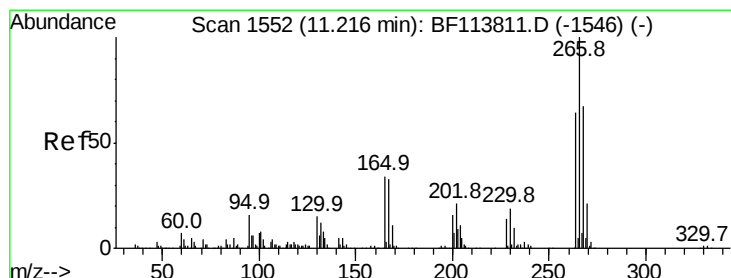
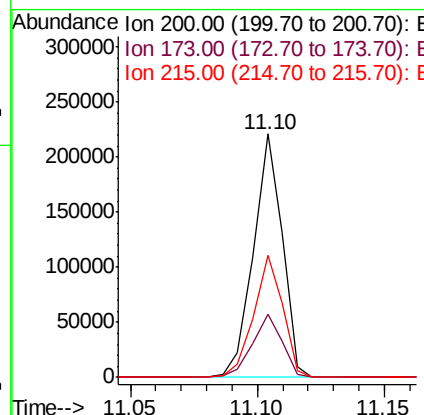
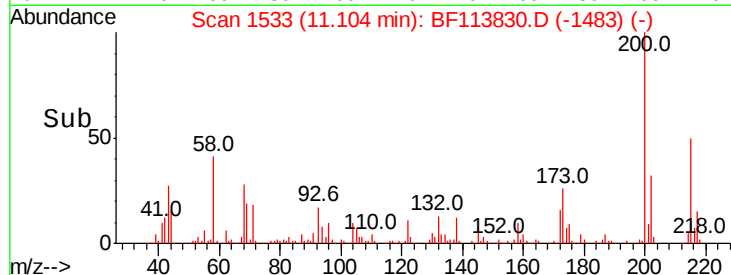
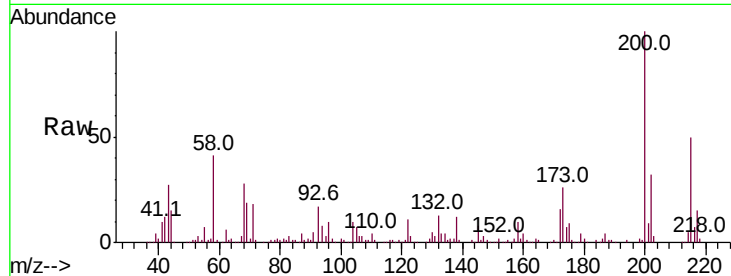




#69
 Atrazine
 Concen: 43.112 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

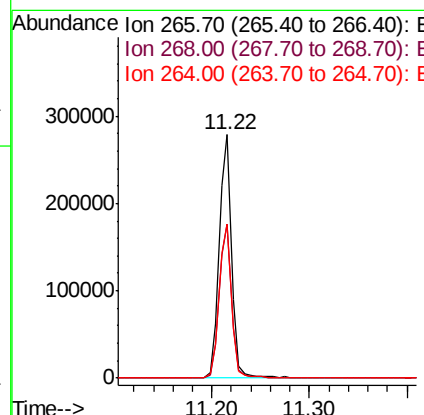
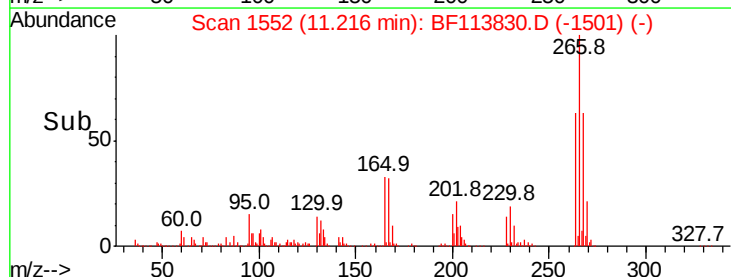
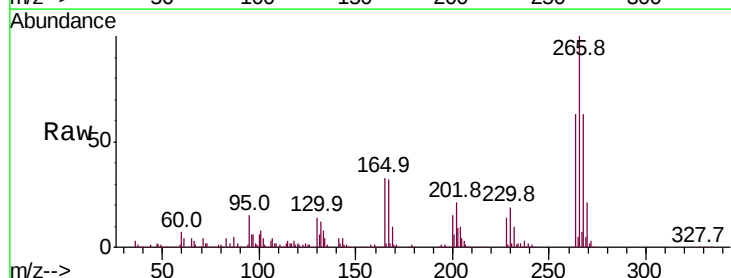
Instrument :
 BNA_F
 ClientSampleId :

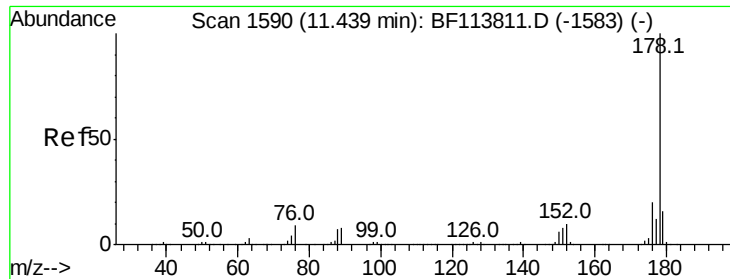
Tot Ion:200 Resp: 175108
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.9 45.9
 215 49.9 29.3 69.3



#70
 Pentachlorophenol
 Concen: 77.761 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113830.D
 Acq: 18 Apr 2019 21:29

Tgt Ion:266 Resp: 246556
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.5 80.3
 264 63.3 51.0 76.6

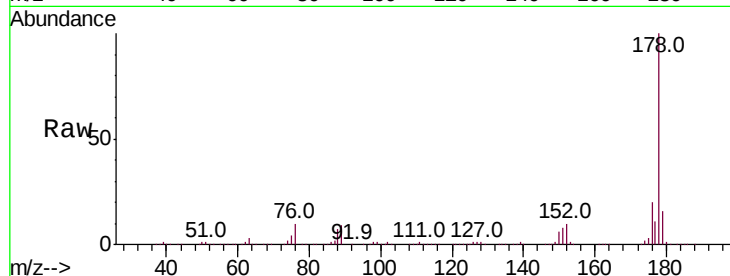




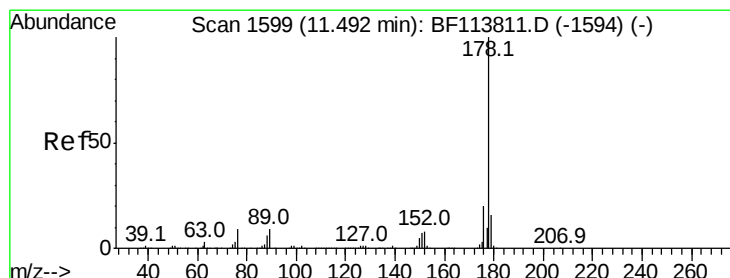
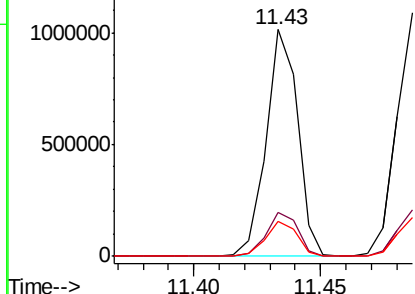
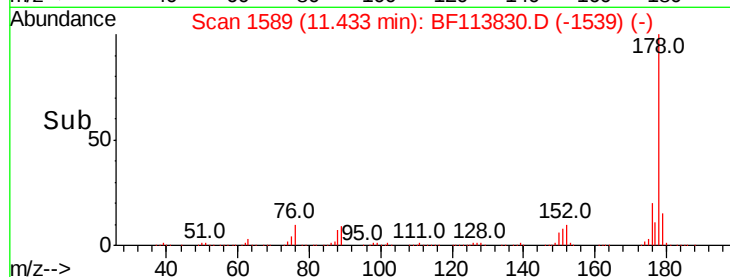
#71
Phenanthrene
Concen: 39.653 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleID :

Tot Ion:178 Resp: 874643
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.6 12.8 19.2

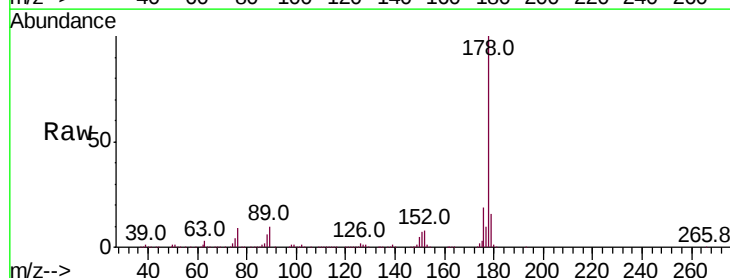


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

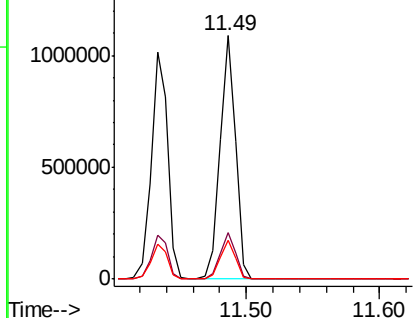
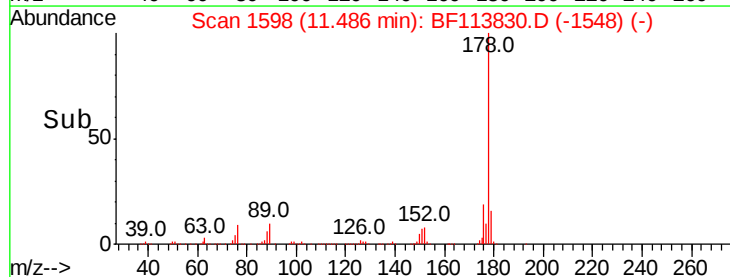


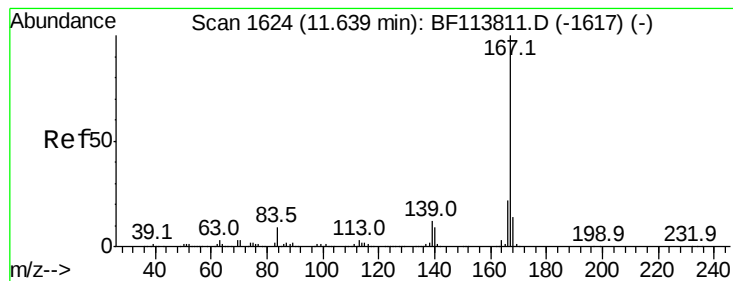
#72
Anthracene
Concen: 40.432 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:178 Resp: 898678
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.7 13.0 19.4



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





#73

Carbazole

Concen: 41.062 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

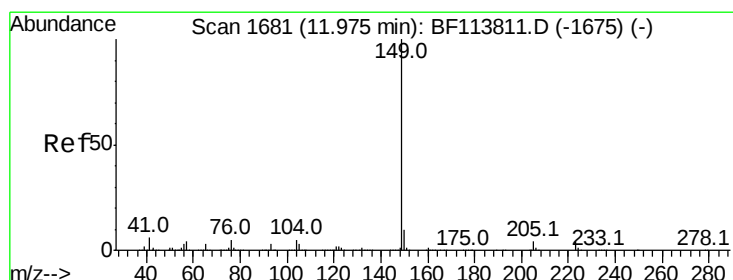
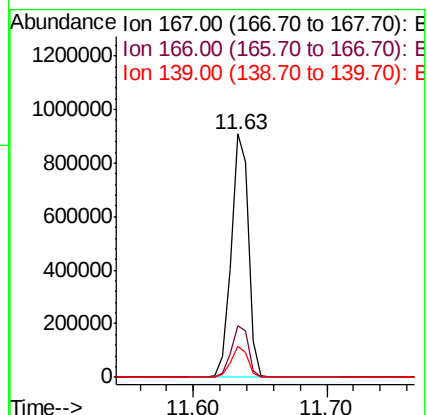
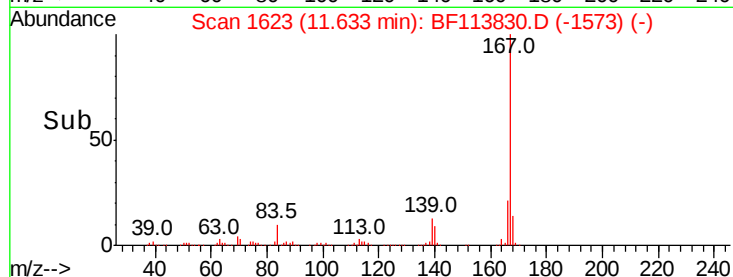
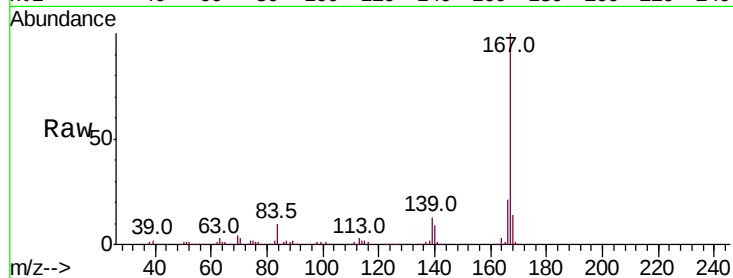
Tot Ion:167 Resp: 828658

Ion Ratio Lower Upper

167 100

166 21.3 17.7 26.5

139 12.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 41.281 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

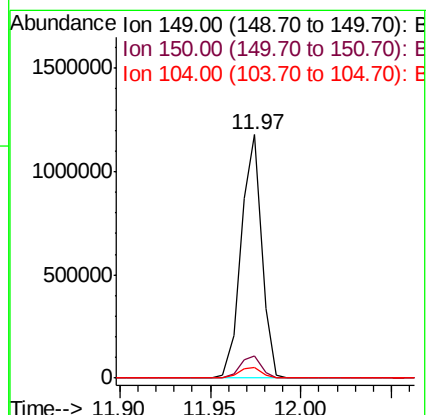
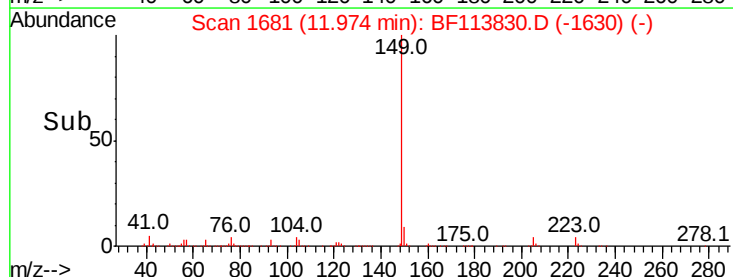
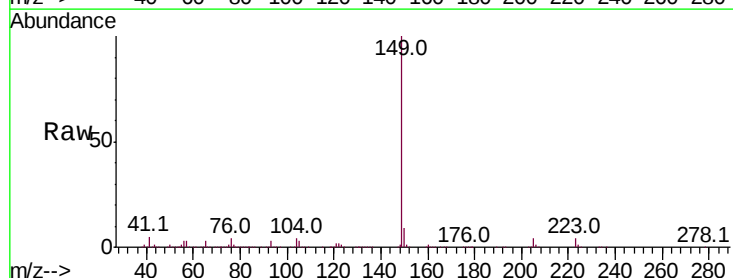
Tgt Ion:149 Resp: 927180

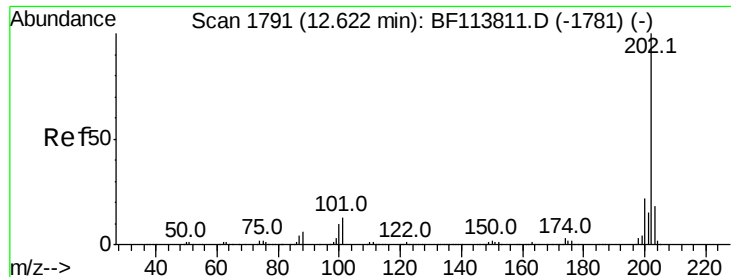
Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

104 4.3 3.8 5.8





#75

Fluoranthene

Concen: 42.581 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

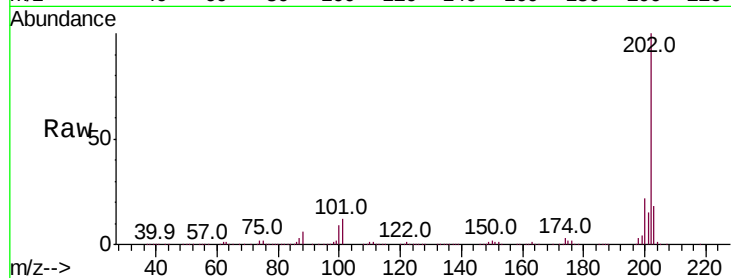
Tot Ion:202 Resp: 995391

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.9

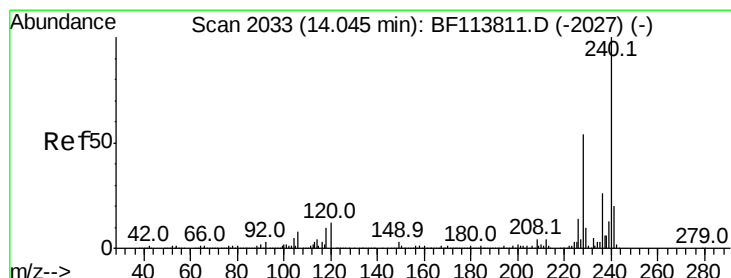
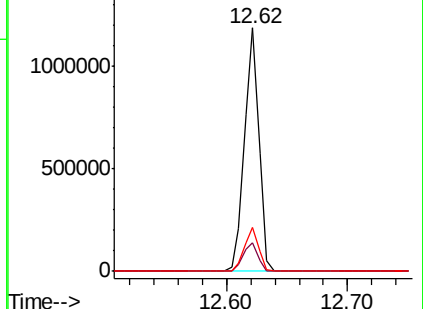
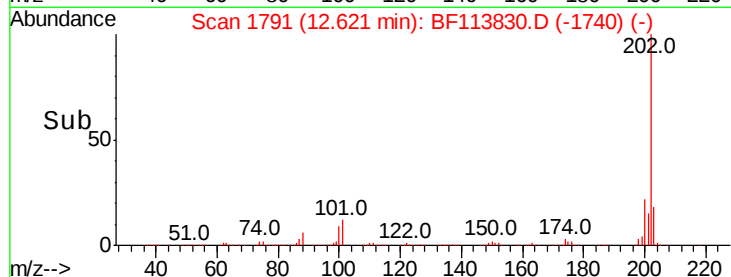
203 18.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

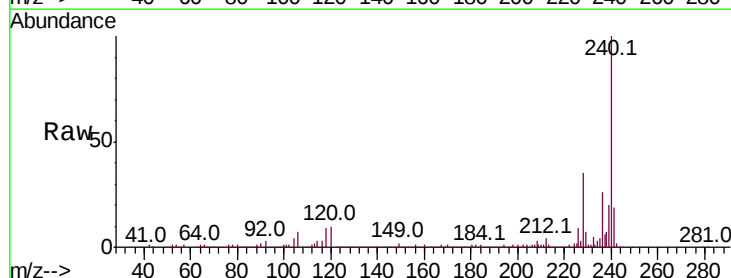
Tgt Ion:240 Resp: 453553

Ion Ratio Lower Upper

240 100

120 10.1 9.3 13.9

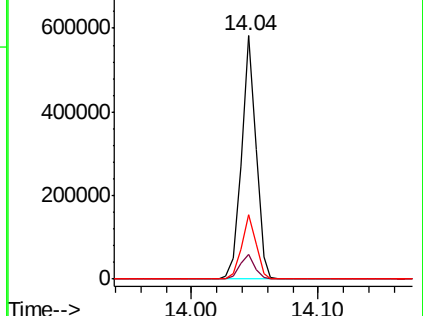
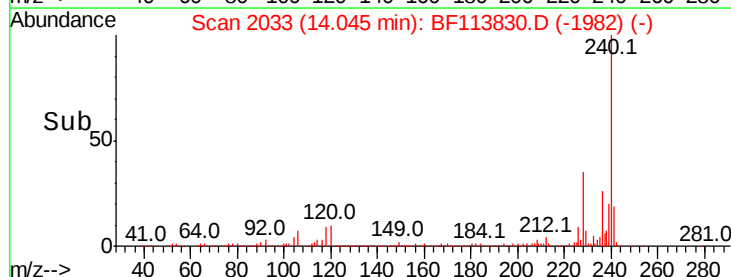
236 26.3 21.2 31.8

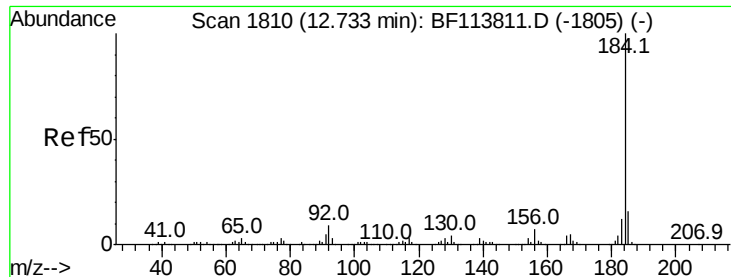


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.433 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

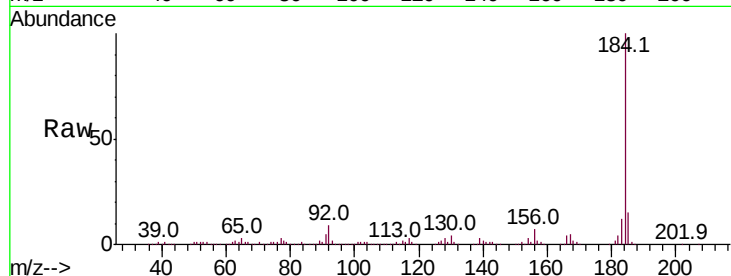
Tot Ion:184 Resp: 401541

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	11.6	9.4	14.0

184 100

185 15.0 13.0 19.6

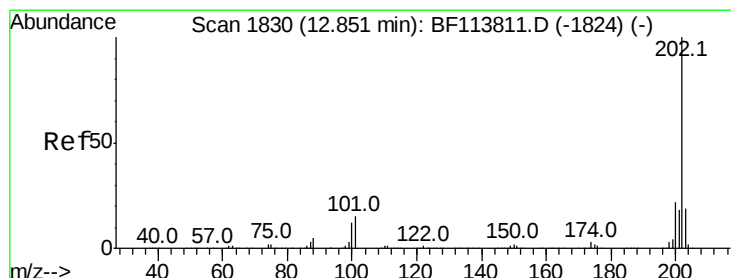
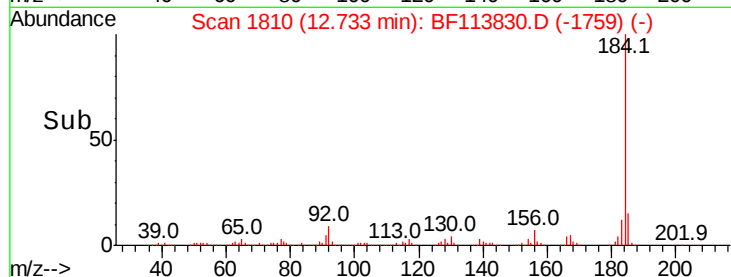
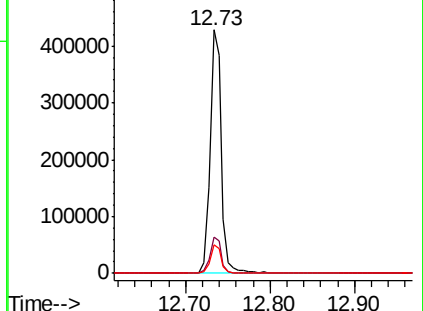
183 11.6 9.4 14.0



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: 32.190 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

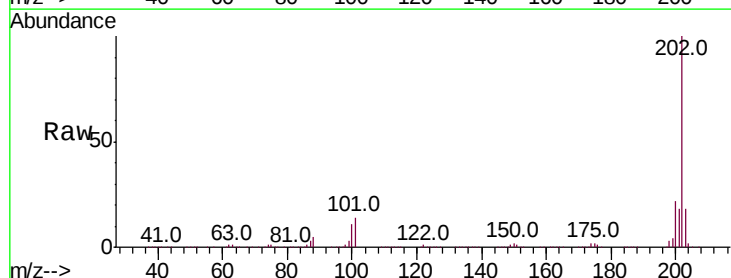
Tgt Ion:202 Resp: 1028942

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.2	15.0	22.6

202 100

200 21.9 17.7 26.5

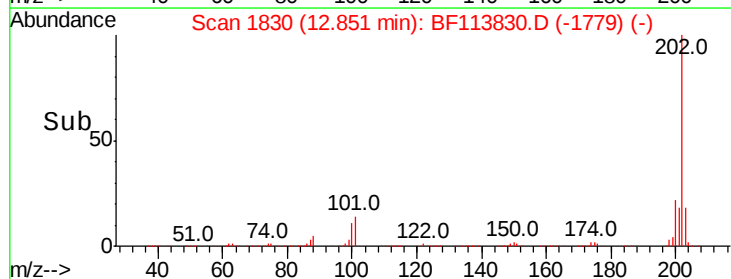
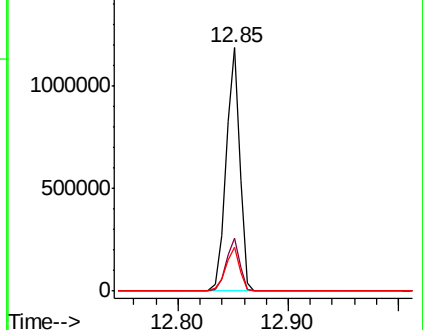
203 18.2 15.0 22.6

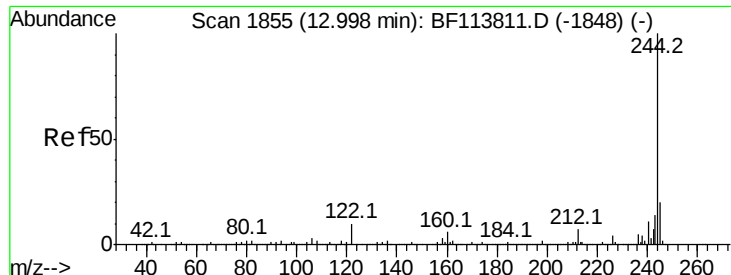


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.629 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

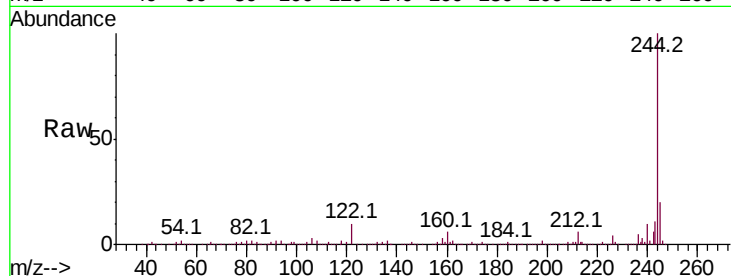
Tot Ion:244 Resp: 1224841

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

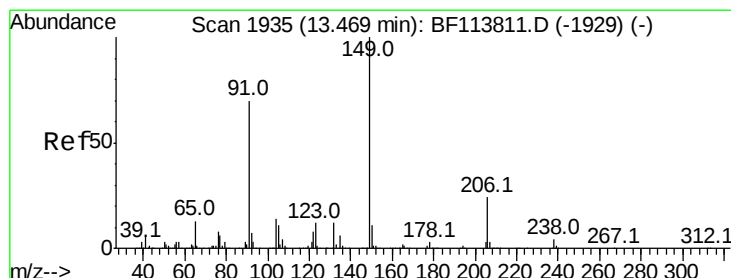
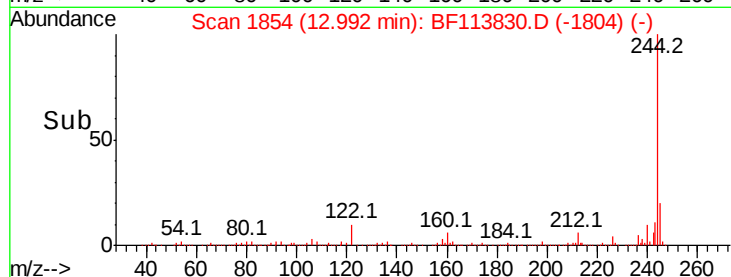
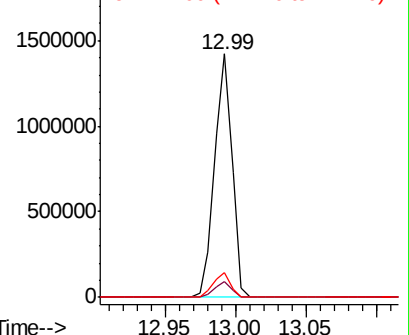
122 10.0 7.6 11.4



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: 36.589 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

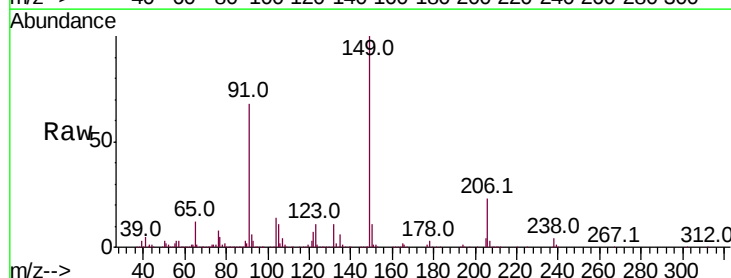
Tgt Ion:149 Resp: 433245

Ion Ratio Lower Upper

149 100

91 67.6 56.3 84.5

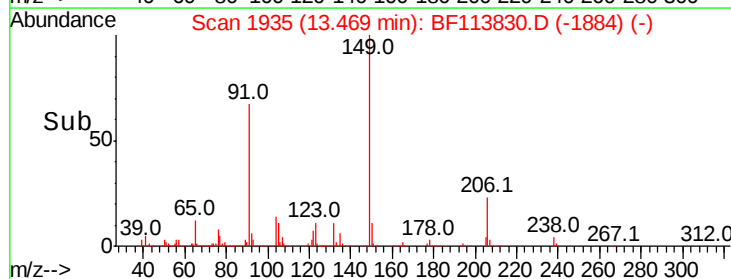
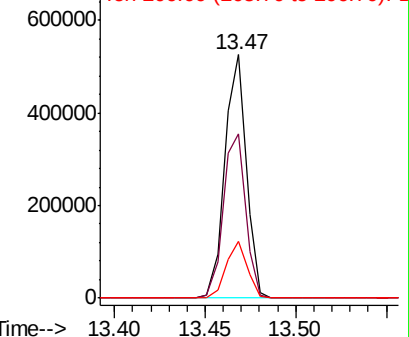
206 23.3 19.0 28.6

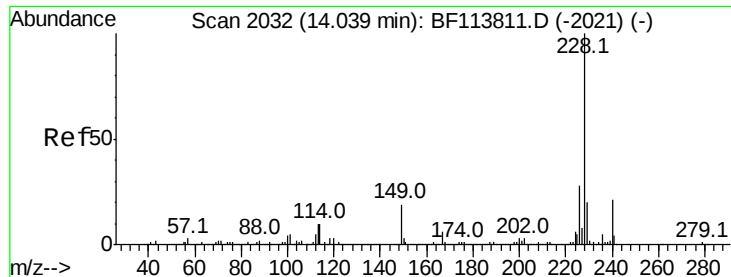


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.716 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

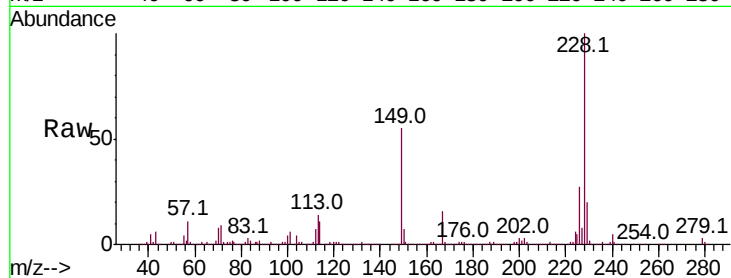
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1052984

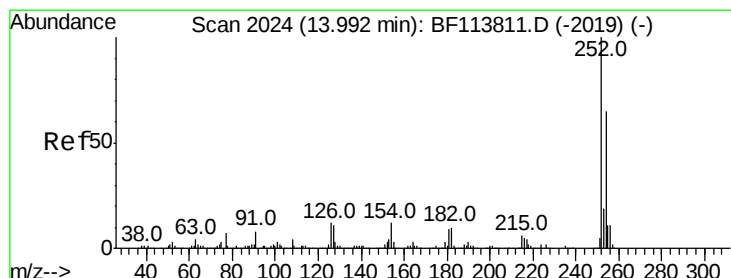
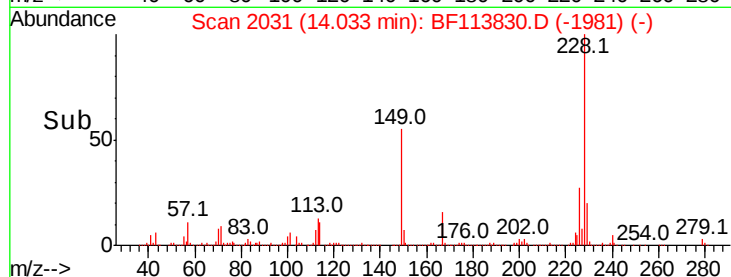
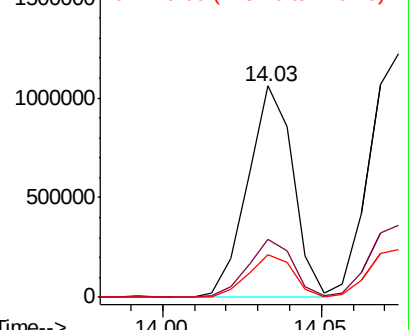
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.3	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.031 ng

RT: 13.99 min Scan# 2024

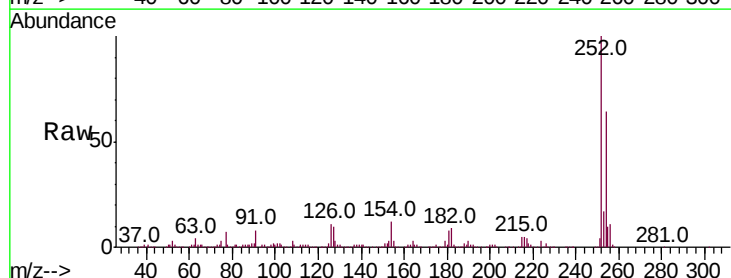
Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Tgt Ion:252 Resp: 386646

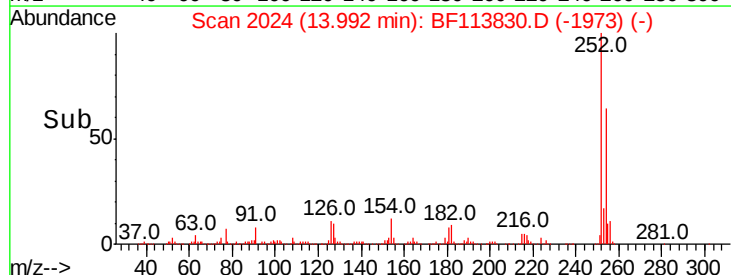
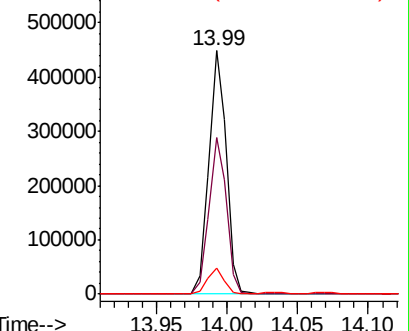
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	10.5	9.3	13.9

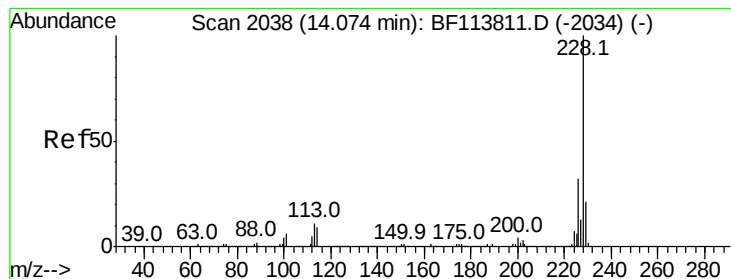


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.835 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

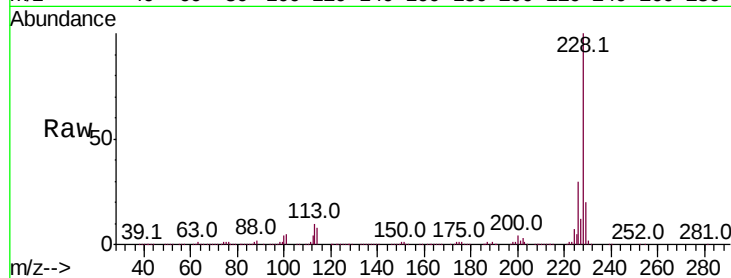
Tot Ion:228 Resp: 1100898

Ion Ratio Lower Upper

228 100

226 29.8 25.2 37.8

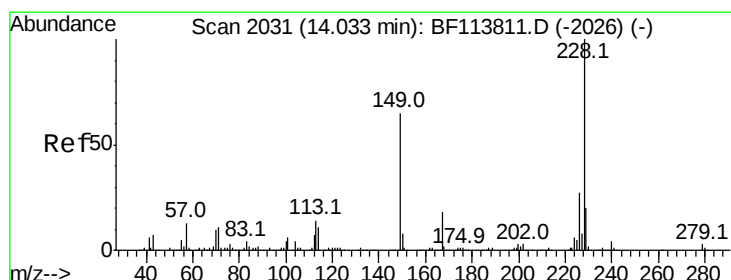
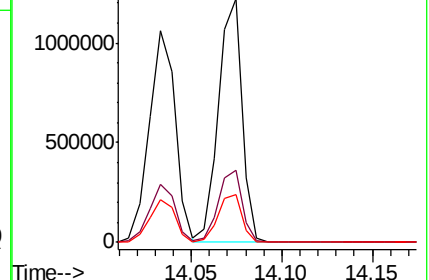
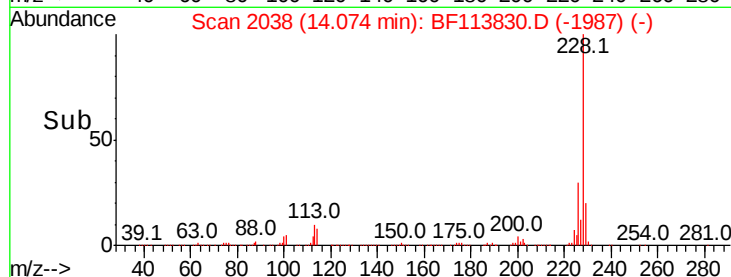
229 19.7 16.7 25.1



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: 41.823 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

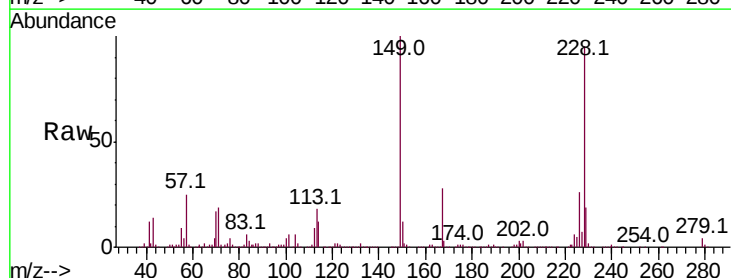
Tgt Ion:149 Resp: 592453

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

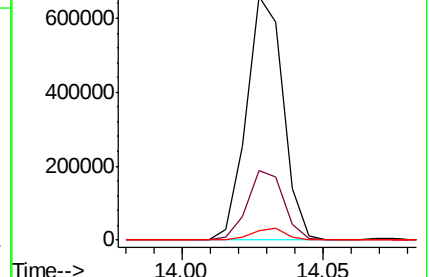
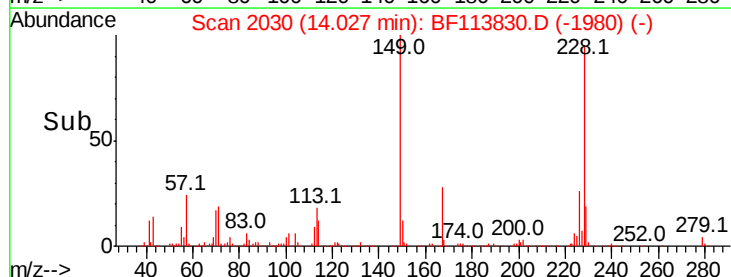
279 4.0 4.2 6.2#

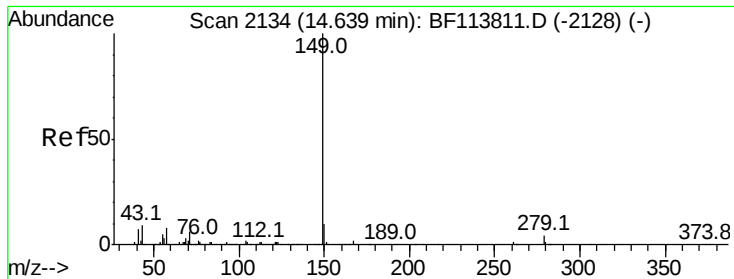


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.155 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

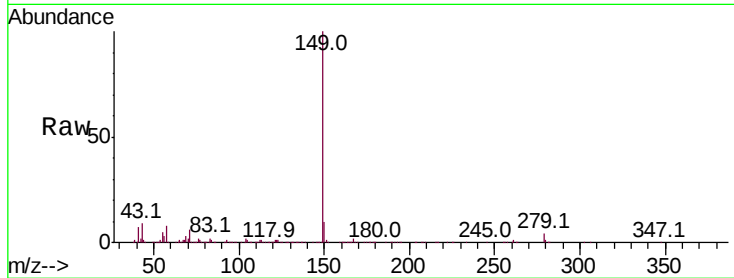
Tot Ion:149 Resp: 1168279

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

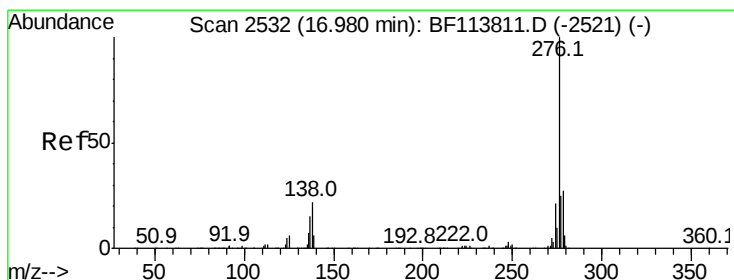
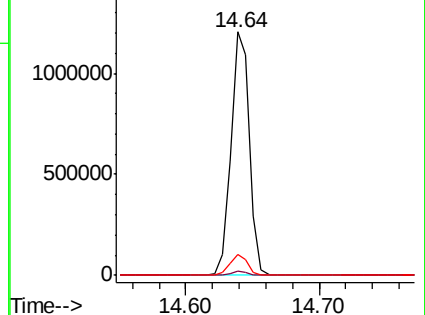
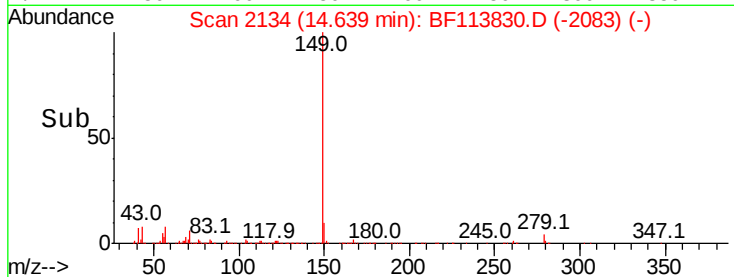
43 8.1 6.6 10.0



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: 51.459 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

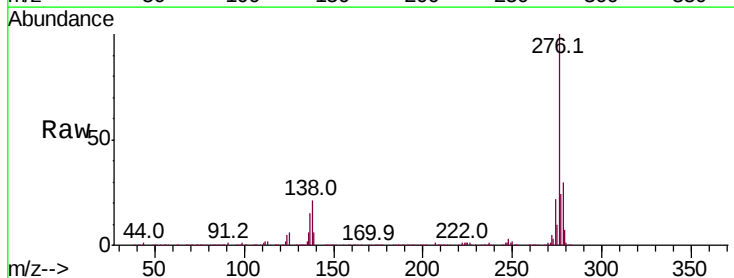
Tgt Ion:276 Resp: 1105476

Ion Ratio Lower Upper

276 100

138 24.2 19.6 29.4

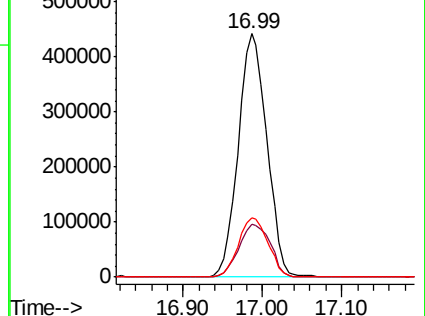
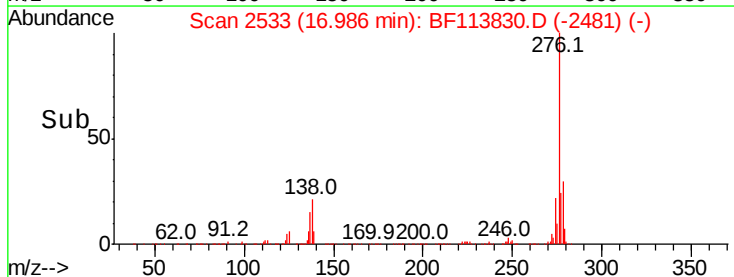
277 25.4 20.2 30.4

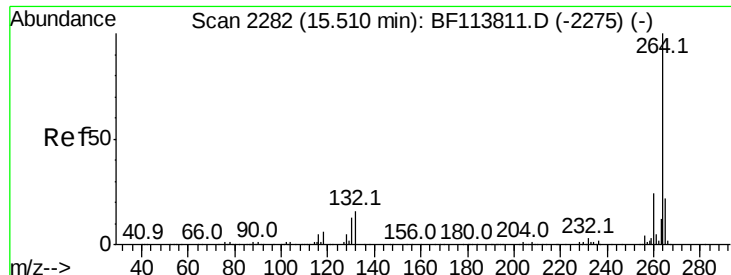


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

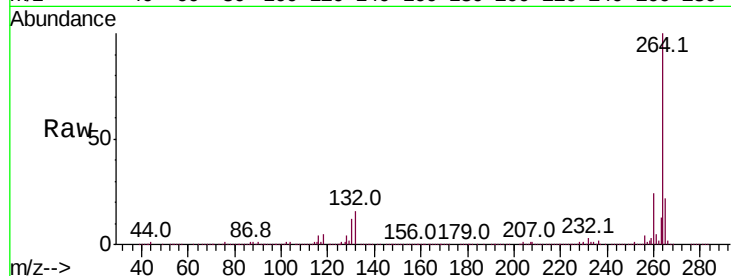




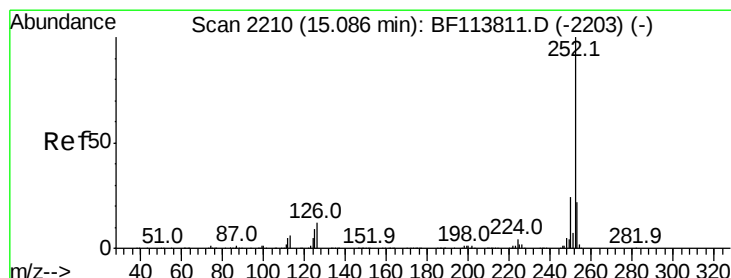
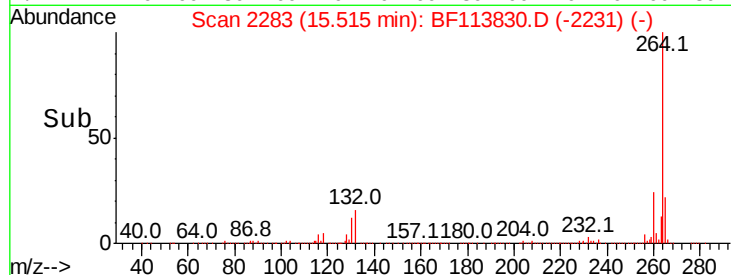
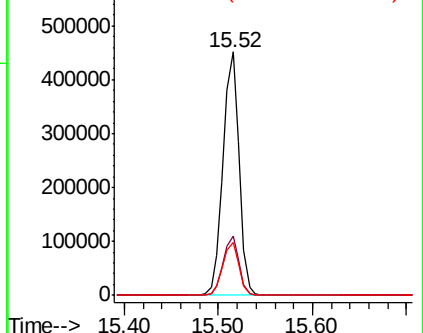
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 540944
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.6 17.3 25.9

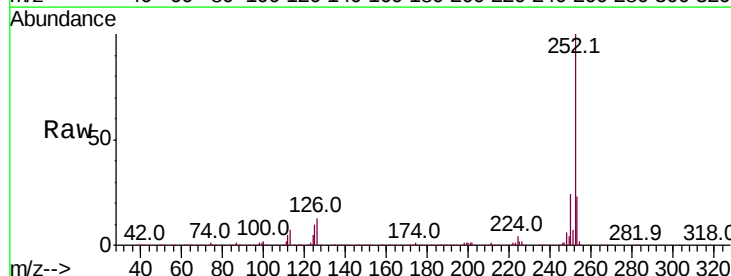


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

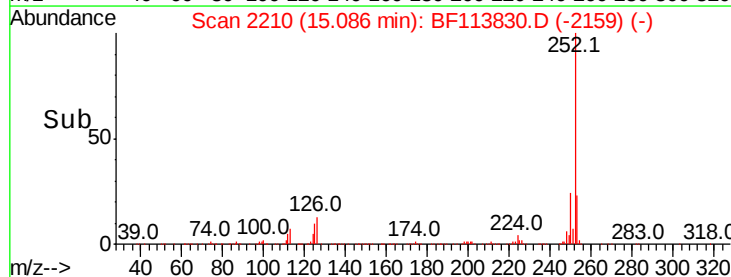
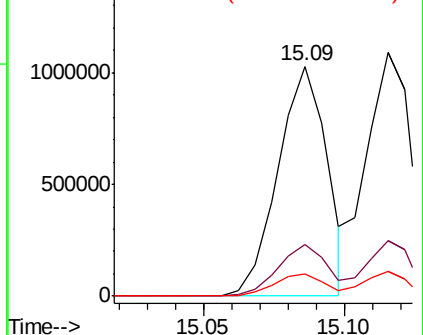


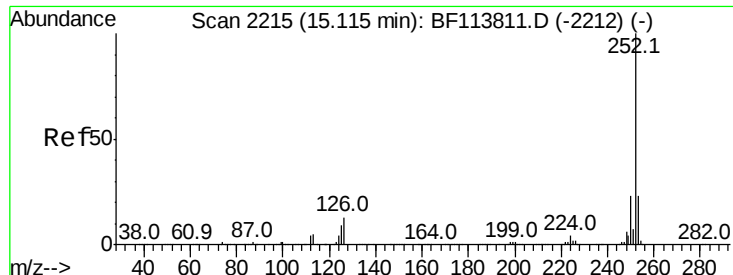
#88
Benzo(b)fluoranthene
Concen: 36.749 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:252 Resp: 1239274
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.7 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

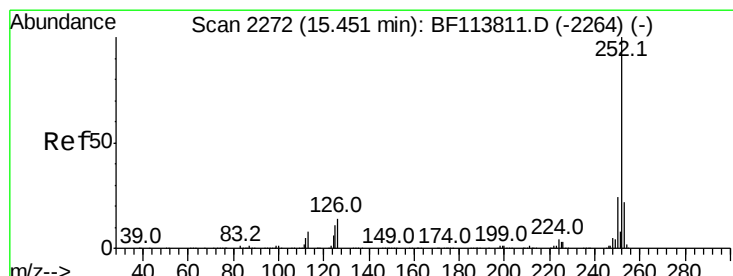
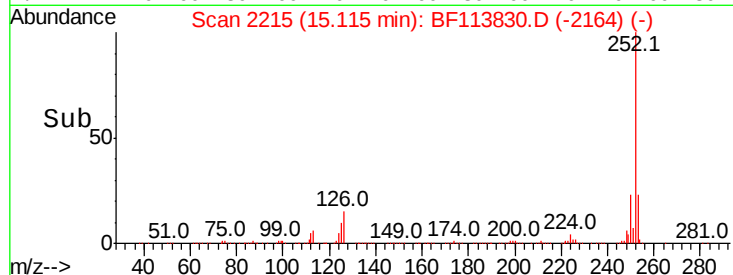
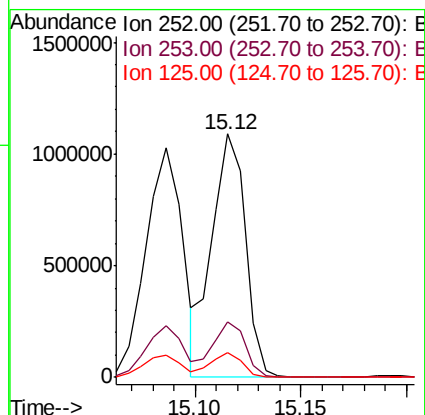
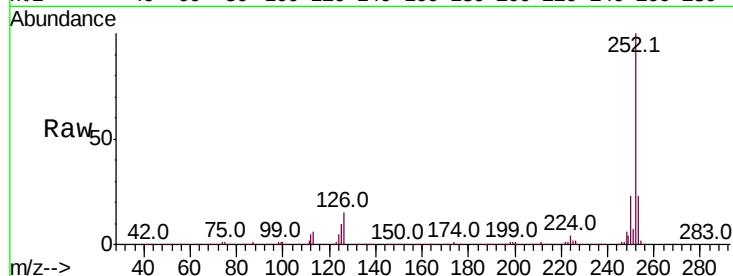




#89
Benzo(k)fluoranthene
Concen: 39.032 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

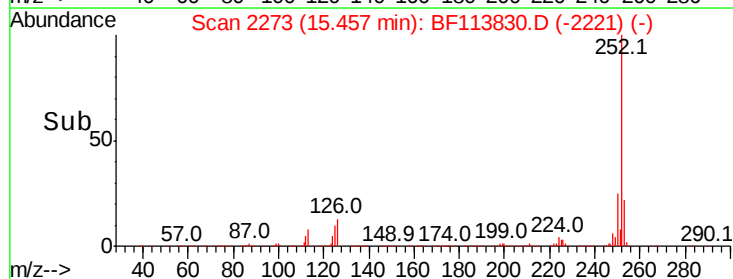
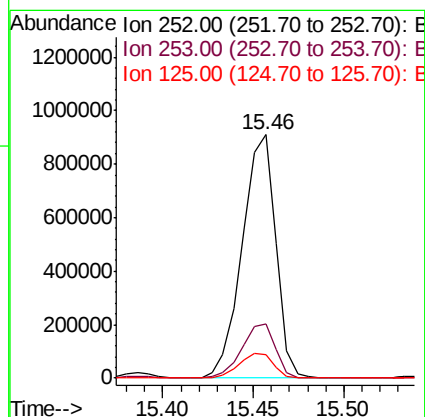
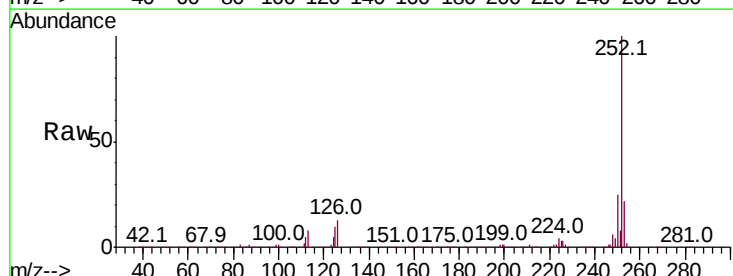
Instrument :
BNA_F
ClientSampled :

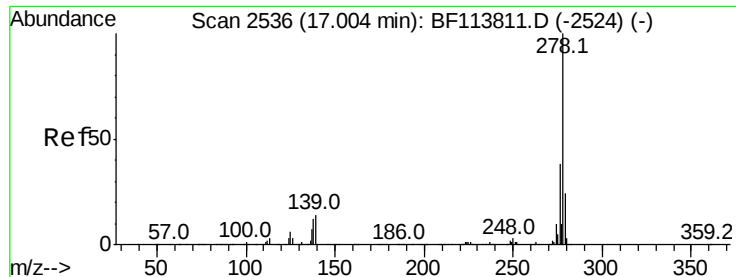
Tot Ion:252 Resp: 1198848
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 39.180 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF113830.D
Acq: 18 Apr 2019 21:29

Tgt Ion:252 Resp: 1168303
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.9 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.313 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

Instrument :

BNA_F

ClientSampleId :

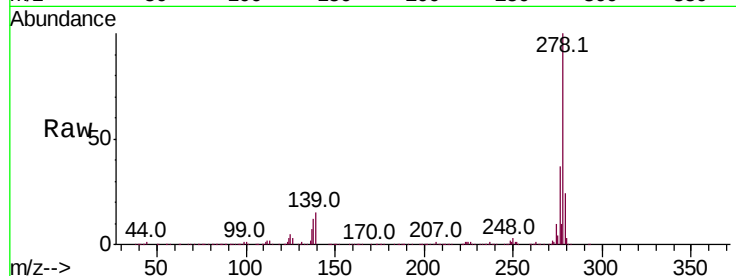
Tot Ion:278 Resp: 963440

Ion Ratio Lower Upper

278 100

139 15.0 11.6 17.4

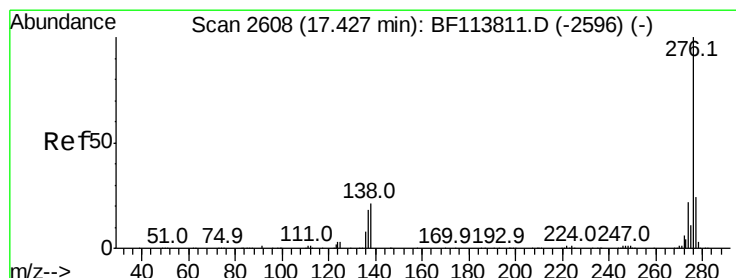
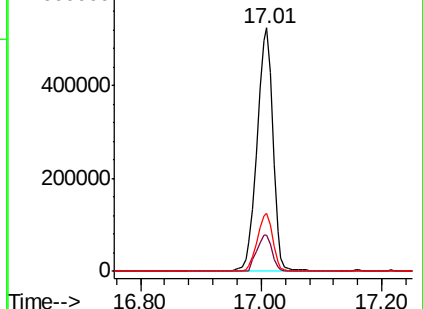
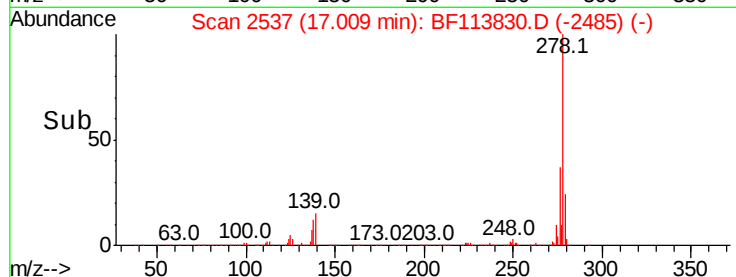
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.780 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF113830.D

Acq: 18 Apr 2019 21:29

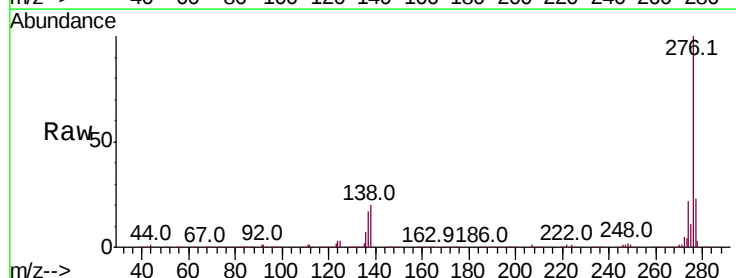
Tgt Ion:276 Resp: 857007

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 20.4 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

