

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114047.D
 Acq On : 30 Apr 2019 17:30
 Operator : JU/SJ
 Sample : K2194-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 23:03:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	109203	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	387824	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	179768	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	342203	20.00	ng	0.00
76) Chrysene-d12	14.06	240	247830	20.00	ng	-0.01
87) Perylene-d12	15.54	264	200825	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	286342	44.85	ng	0.00
7) Phenol-d6	6.52	99	374956	46.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	200823	31.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	95634	43.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	403916	35.14	ng	-0.01
79) Terphenyl-d14	13.00	244	459316	38.00	ng	0.00

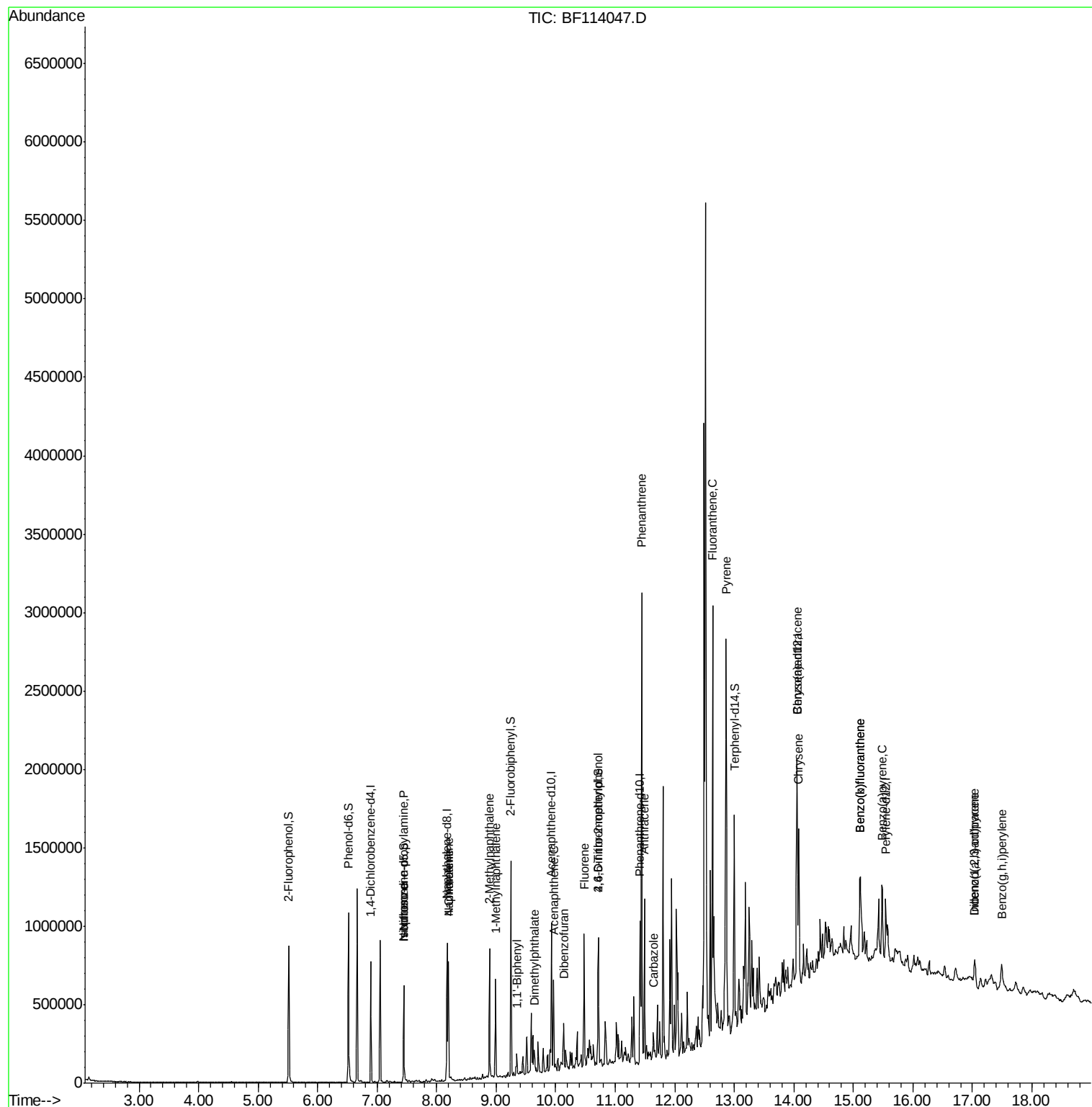
Target Compounds				Qvalue		
9) Benzaldehyde	6.66	77	6995	Below Cal		81
19) n-Nitroso-di-n-propylamine	7.45	70	27825	5.364 ng	#	78
25) Isophorone	7.45	82	200851	15.628 ng	#	65
31) Naphthalene	8.20	128	348047	18.891 ng		98
33) 4-Chloroaniline	8.20	127	43990	5.643 ng	#	35
37) 2-Methylnaphthalene	8.89	142	210935	16.978 ng		99
38) 1-Methylnaphthalene	8.99	142	153582	12.808 ng		99
46) 1,1'-Biphenyl	9.35	154	46568	3.391 ng		97
50) Dimethylphthalate	9.64	163	51451	3.957 ng		97
52) Acenaphthene	9.96	154	111185	10.761 ng		96
55) Dibenzofuran	10.13	168	81606	5.273 ng		97
58) Fluorene	10.47	166	226655	19.451 ng		100
65) 4,6-Dinitro-2-methylphenol	10.72	198	109	7.367 ng	#	1
71) Phenanthrene	11.45	178	1177130	68.447 ng		100
72) Anthracene	11.49	178	371320	21.381 ng		98
73) Carbazole	11.64	167	66652	4.302 ng		99
75) Fluoranthene	12.63	202	977223	52.082 ng		98
78) Pyrene	12.86	202	1082551	62.463 ng		99
81) Benzo(a)anthracene	14.04	228	492047	33.698 ng		98
83) Chrysene	14.09	228	426794	30.012 ng		97
86) Indeno(1,2,3-cd)pyrene	17.04	276	113671	8.439 ng		95
88) Benzo(b)fluoranthene	15.12	252	429961	33.839 ng	#	95
89) Benzo(k)fluoranthene	15.12	252	429961	39.340 ng	#	96
90) Benzo(a)pyrene	15.49	252	251960	22.926 ng		98
91) Dibenzo(a,h)anthracene	17.04	278	34794	3.373 ng	#	81
92) Benzo(g,h,i)perylene	17.49	276	116762	11.215 ng		96

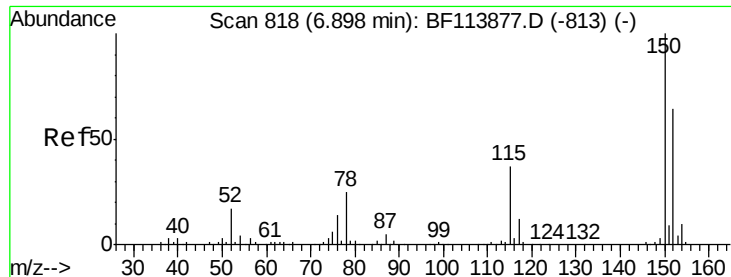
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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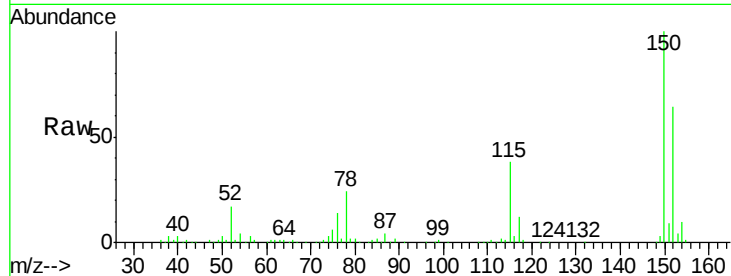


#1

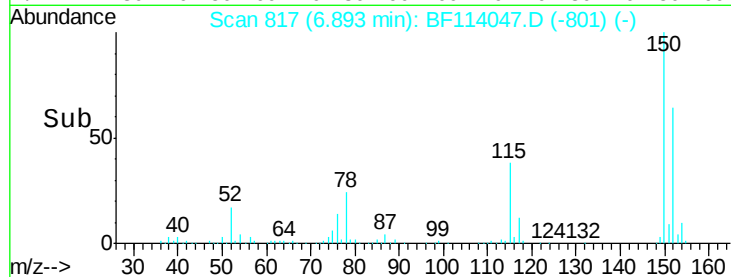
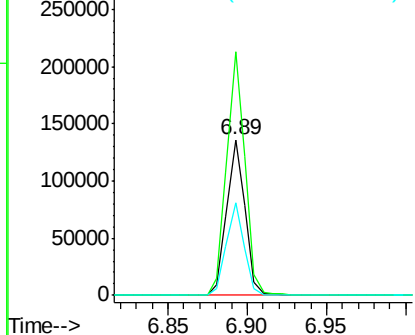
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109203
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 59.6 45.9 68.9



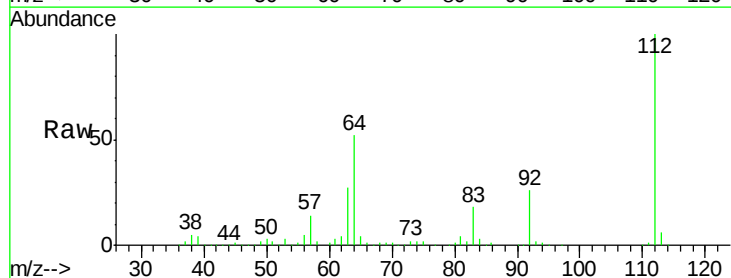
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



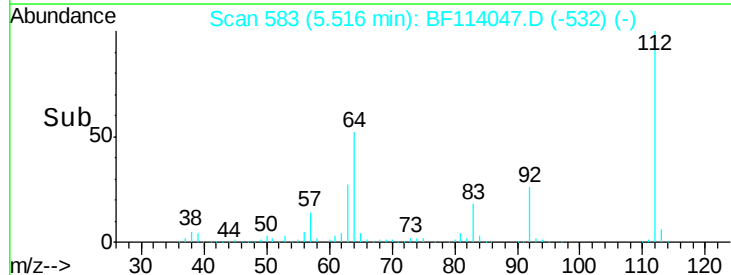
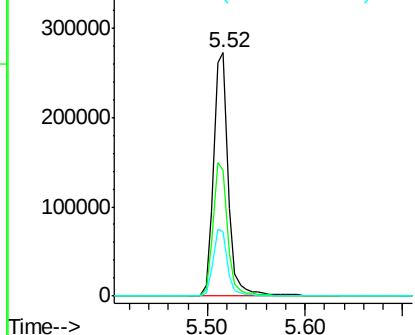
#5

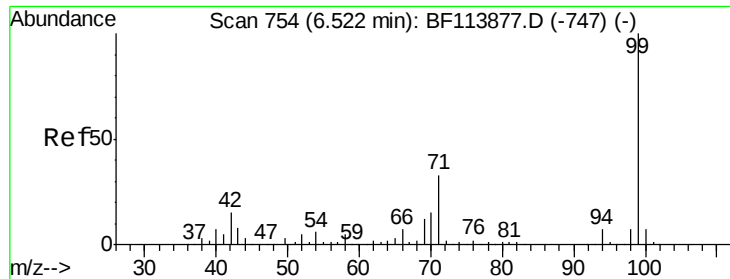
2-Fluorophenol
Concen: 44.847 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

Tgt Ion:112 Resp: 286342
Ion Ratio Lower Upper
112 100
64 51.6 46.6 69.8
63 26.7 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





#7

Phenol-d6

Concen: 46.808 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

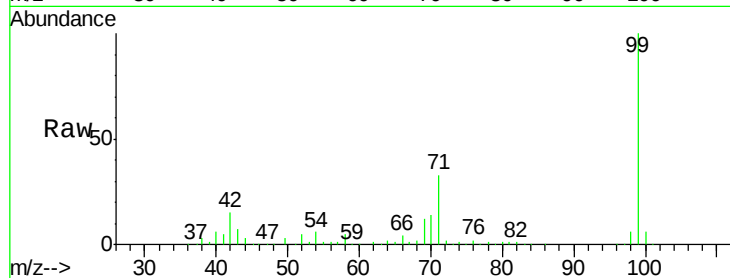
Tot Ion: 99 Resp: 374956

Ion Ratio Lower Upper

99 100

42 14.6 12.5 18.7

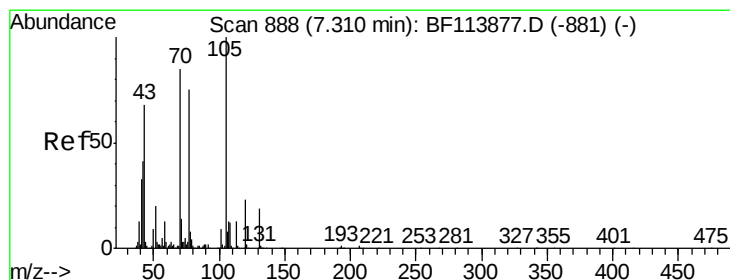
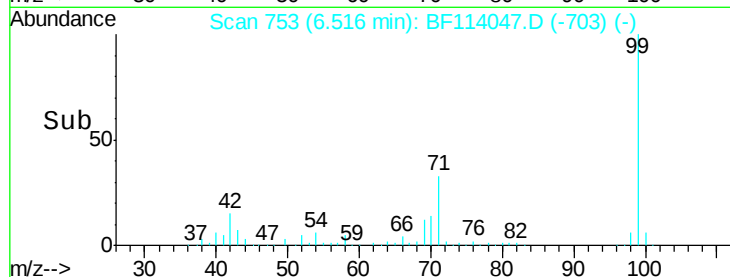
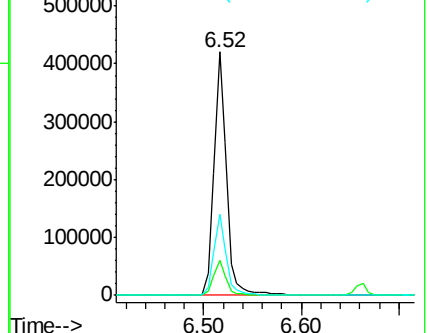
71 33.4 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 5.364 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Tgt Ion: 70 Resp: 27825

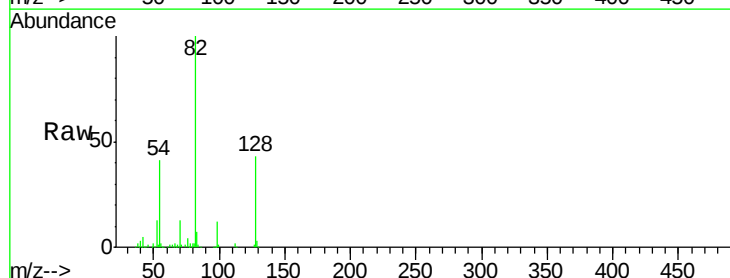
Ion Ratio Lower Upper

70 100

42 39.4 37.3 55.9

101 0.0 7.8 11.8#

130 2.0 18.2 27.2#

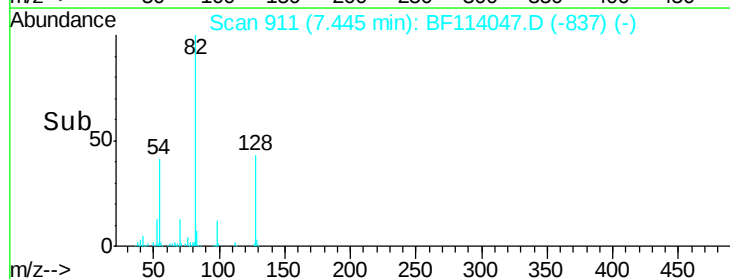
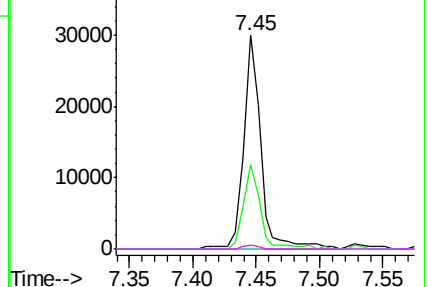


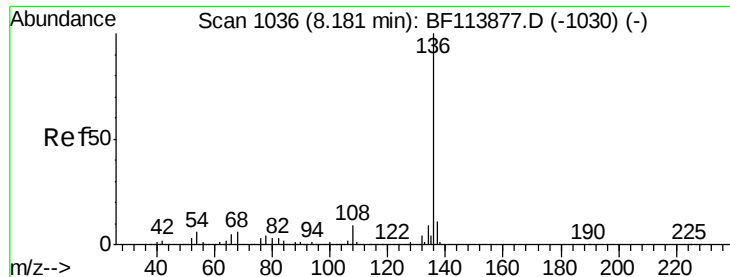
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 387824

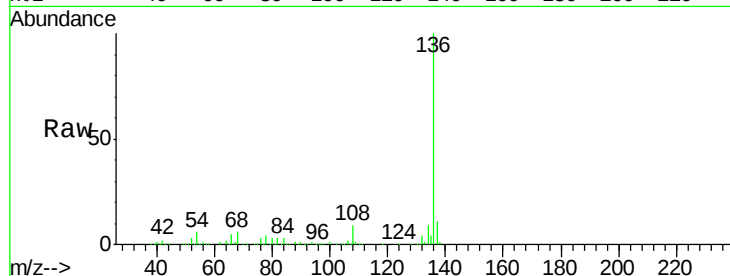
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.0 5.0 7.6

68 6.0 4.9 7.3

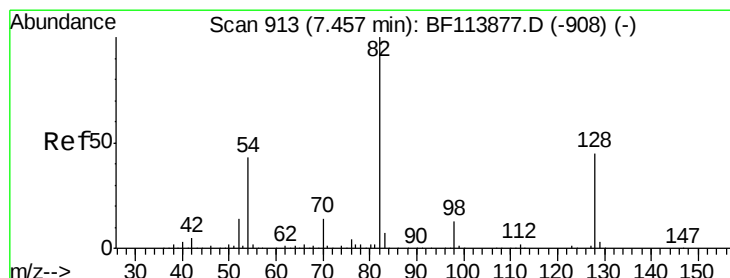
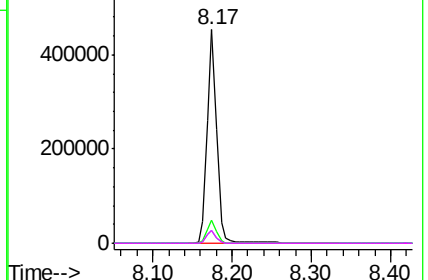
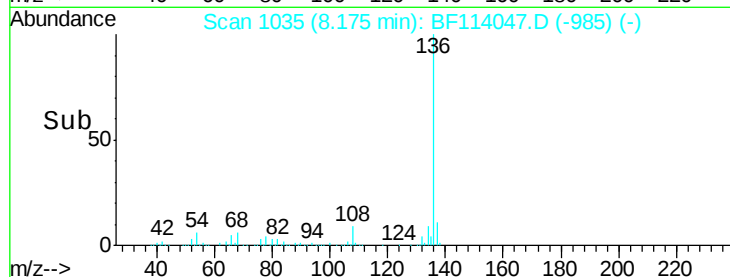


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 31.972 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

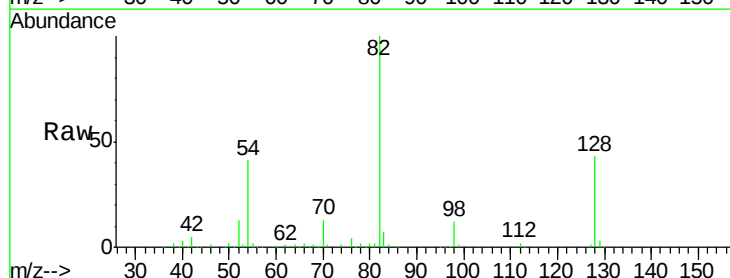
Tgt Ion: 82 Resp: 200823

Ion Ratio Lower Upper

82 100

128 43.1 36.8 55.2

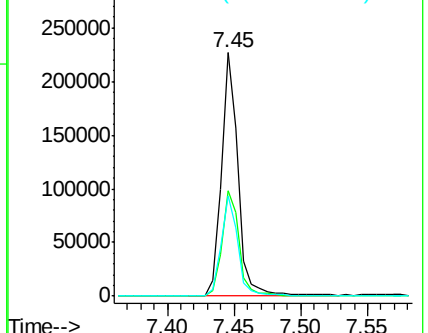
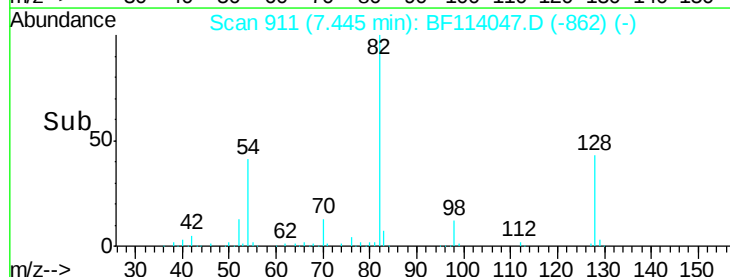
54 41.2 33.8 50.6

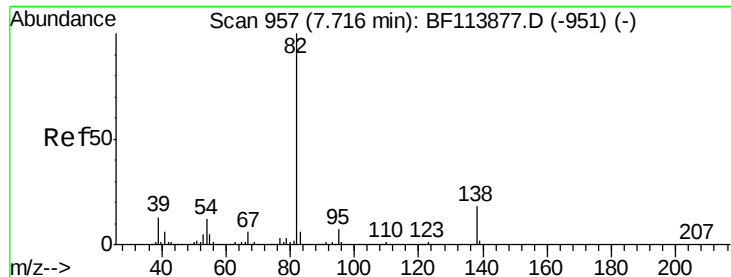


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 15.628 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

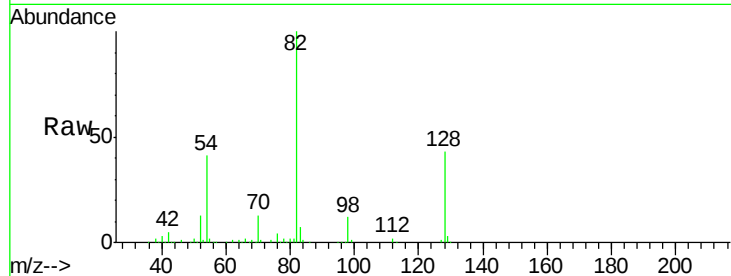
Tot Ion: 82 Resp: 200851

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

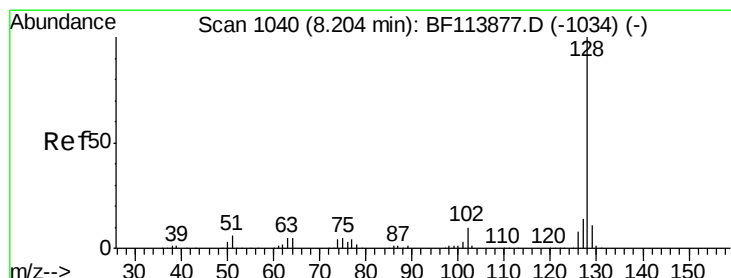
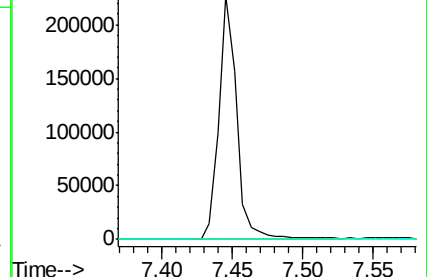
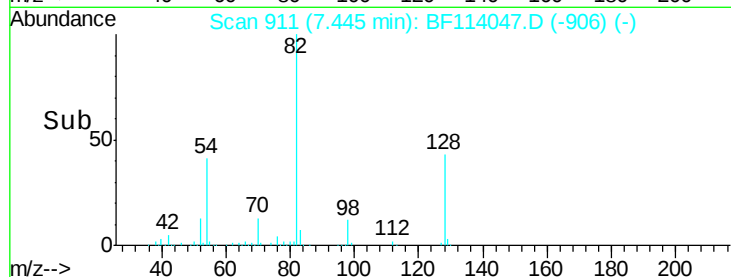
138 0.0 14.6 22.0#



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



#31

Naphthalene

Concen: 18.891 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

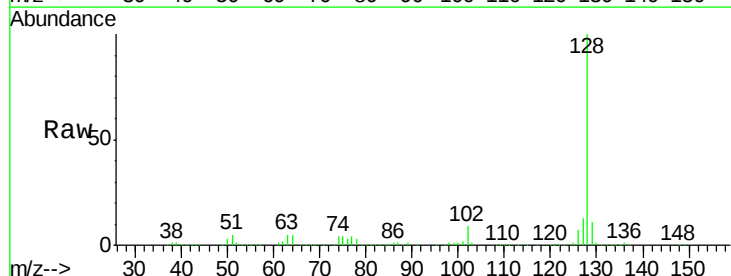
Tgt Ion:128 Resp: 348047

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

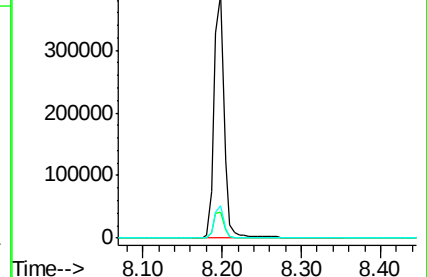
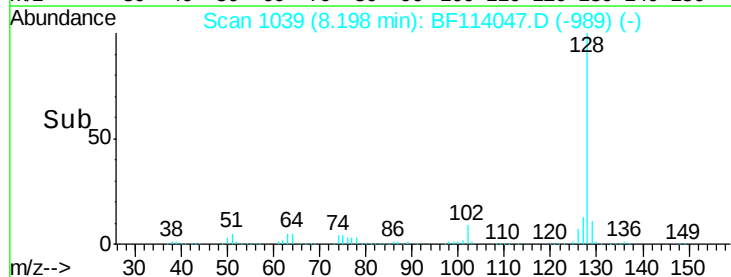
127 13.2 10.8 16.2

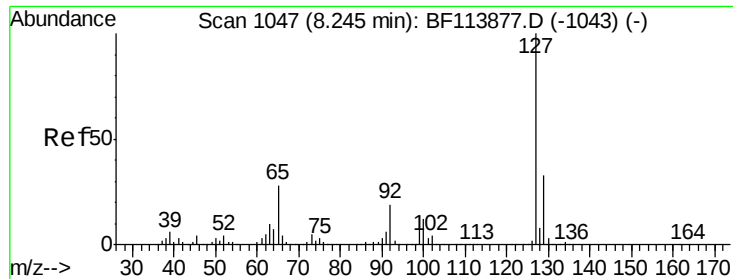


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

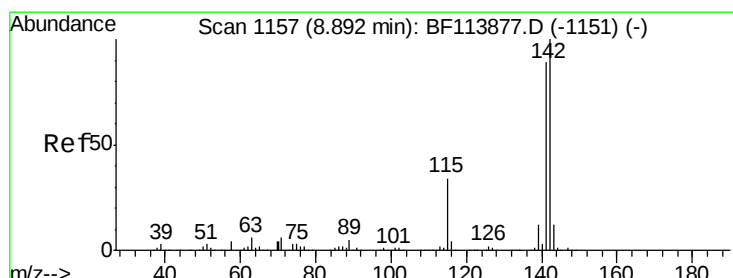
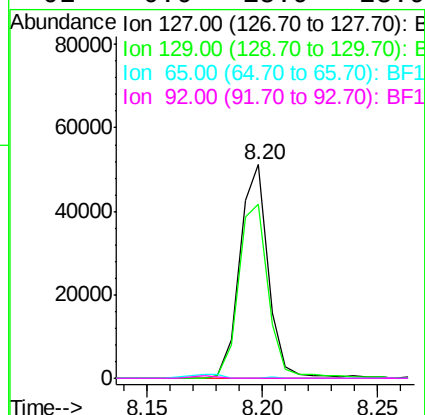
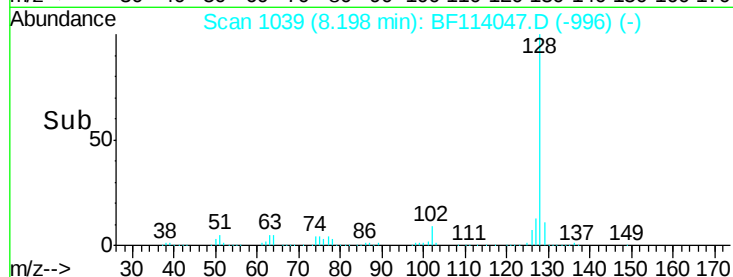
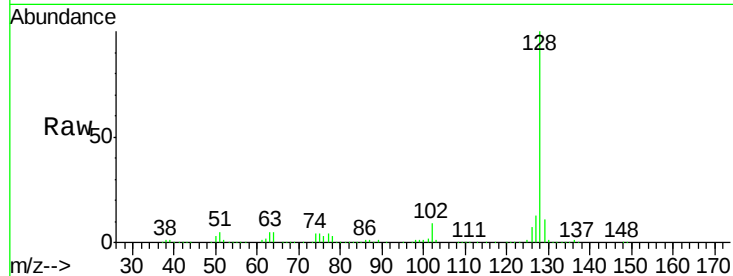




#33
4-Chloroaniline
Concen: 5.643 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

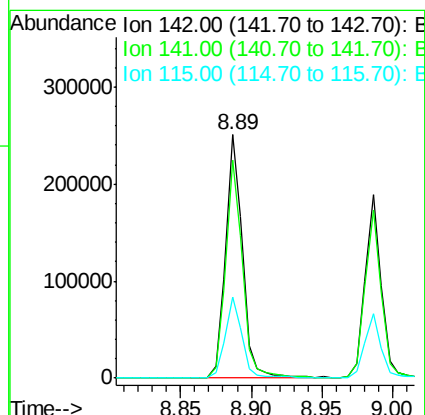
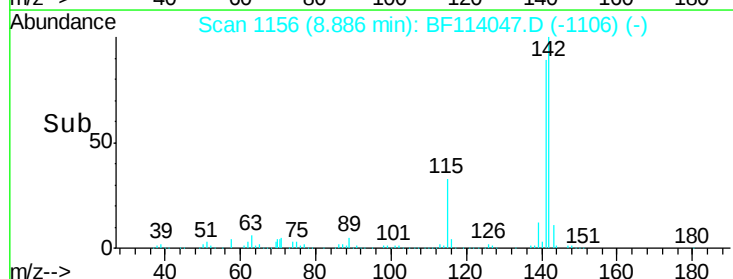
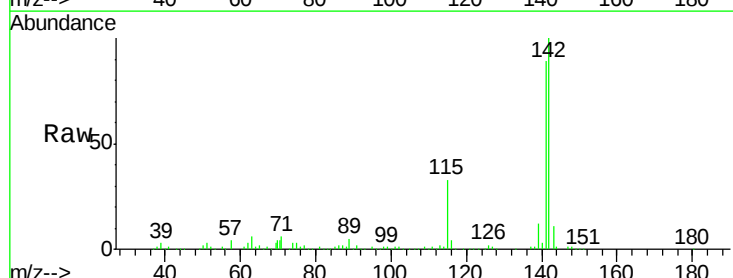
Instrument :
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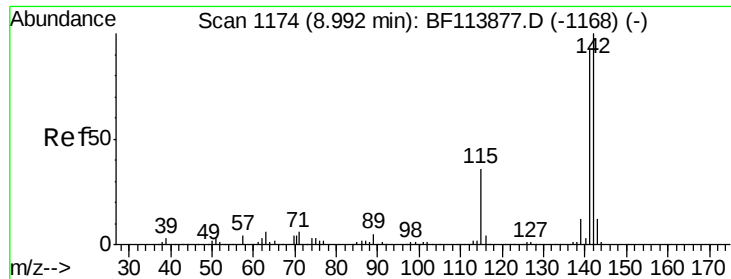
Tot Ion:127	Resp:	43990
Ion Ratio	Lower	Upper
127	100	
129	81.8	26.4 39.6#
65	0.0	24.9 37.3#
92	0.0	15.9 23.9#

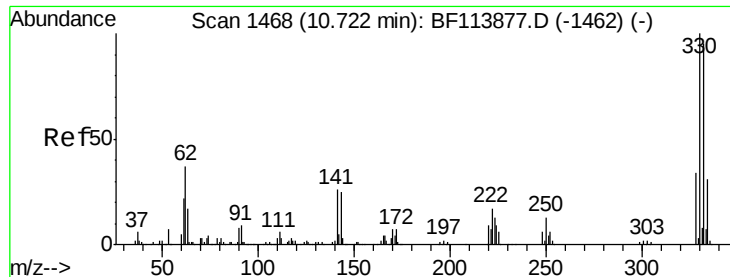


#37
2-Methylnaphthalene
Concen: 16.978 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

Tgt Ion:142	Resp:	210935
Ion Ratio	Lower	Upper
142	100	
141	89.3	70.4 105.6
115	33.3	26.3 39.5



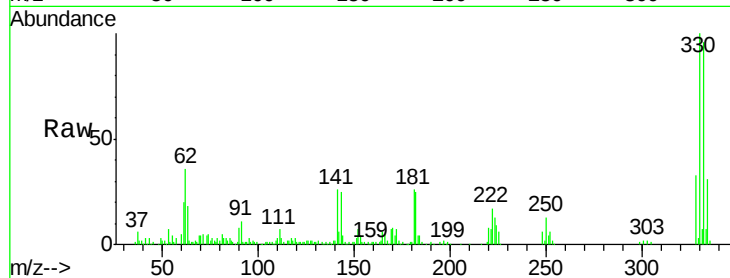




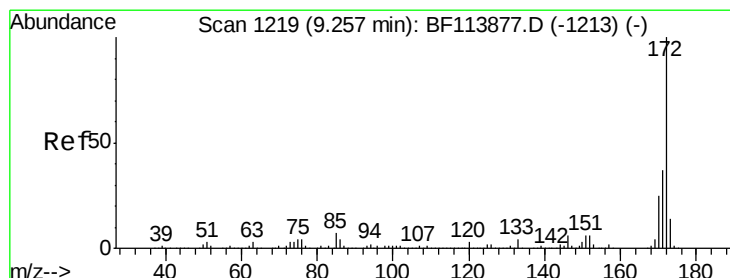
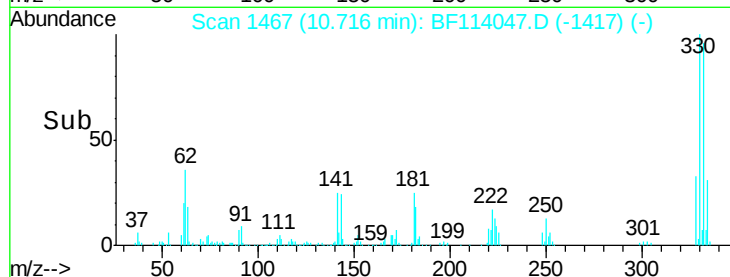
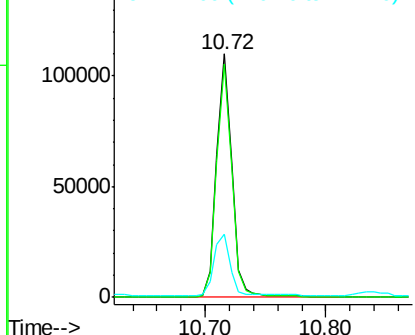
#42
 2,4,6-Tribromophenol
 Concen: 43.670 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114047.D
 Acq: 30 Apr 2019 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 95634
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.5 116.3
 141 26.2 22.2 33.2

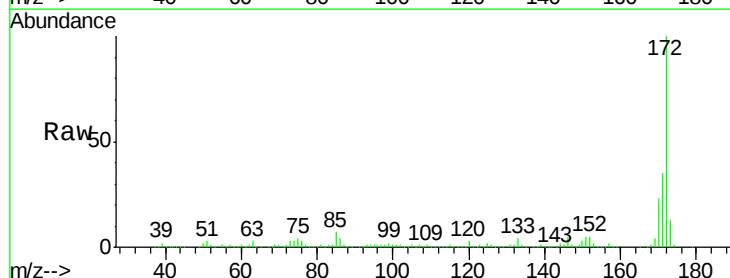


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

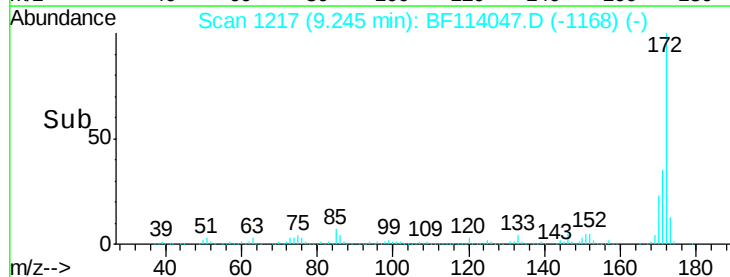
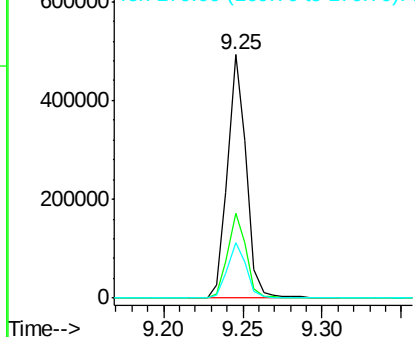


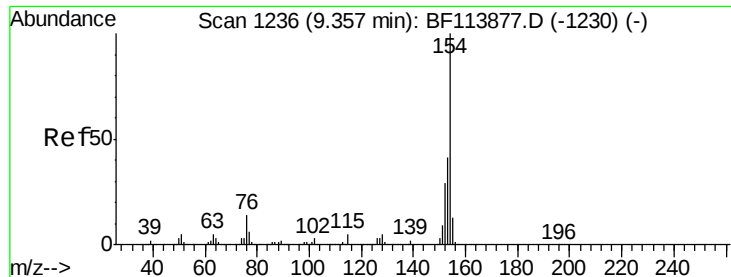
#45
 2-Fluorobiphenyl
 Concen: 35.142 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114047.D
 Acq: 30 Apr 2019 17:30

Tgt Ion:172 Resp: 403916
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.0 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: 3.391 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

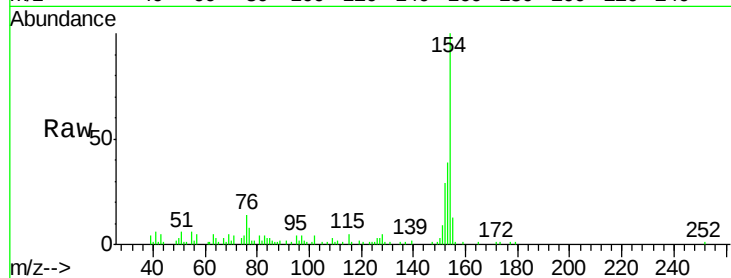
Tot Ion:154 Resp: 46568

Ion Ratio Lower Upper

154 100

153 39.3 20.8 60.8

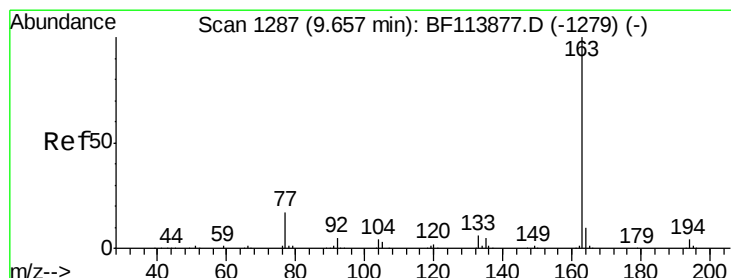
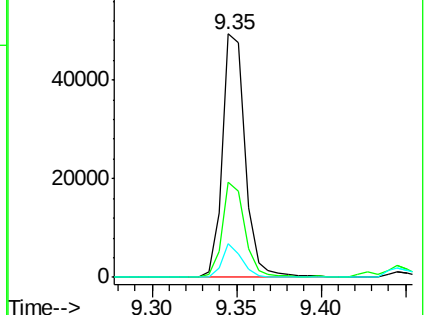
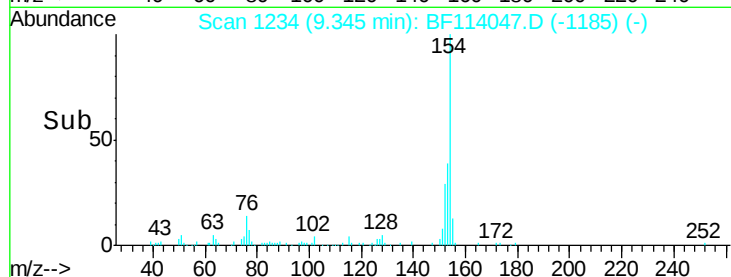
76 13.9 0.0 35.2



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



#50

Dimethylphthalate

Concen: 3.957 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

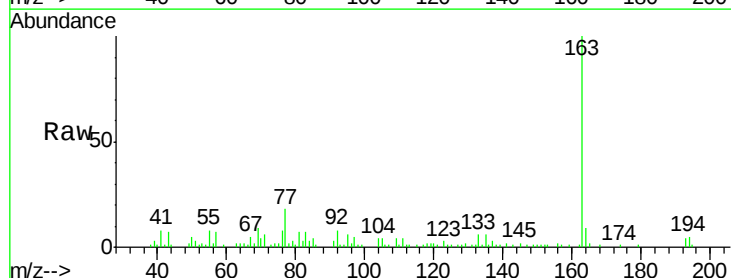
Tgt Ion:163 Resp: 51451

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

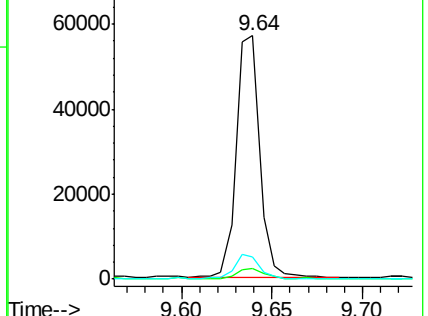
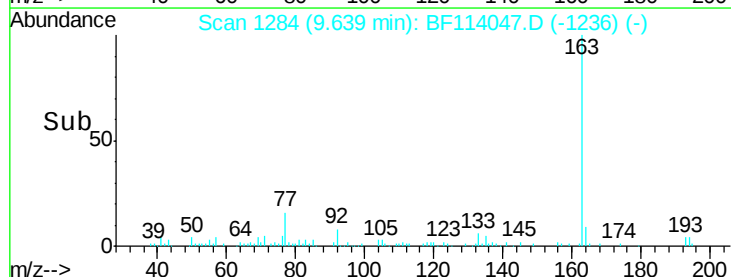
164 9.1 8.5 12.7

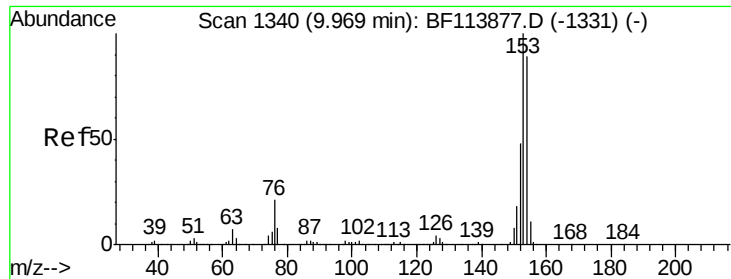


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 10.761 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

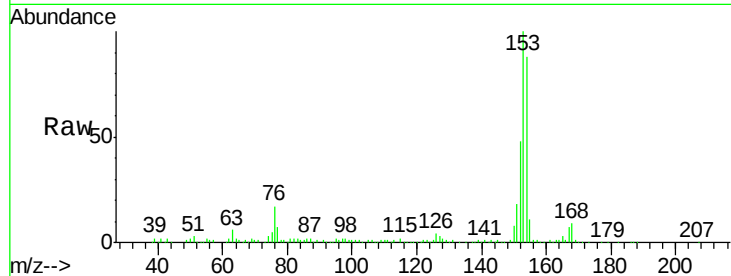
Tot Ion:154 Resp: 111185

Ion Ratio Lower Upper

154 100

153 113.8 87.2 130.8

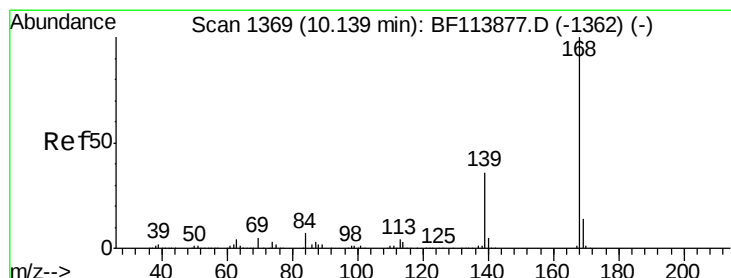
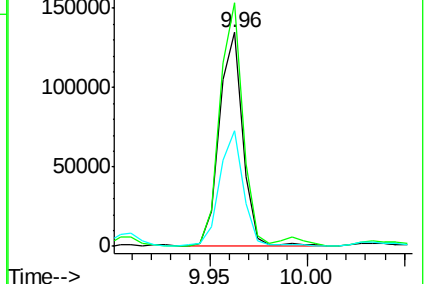
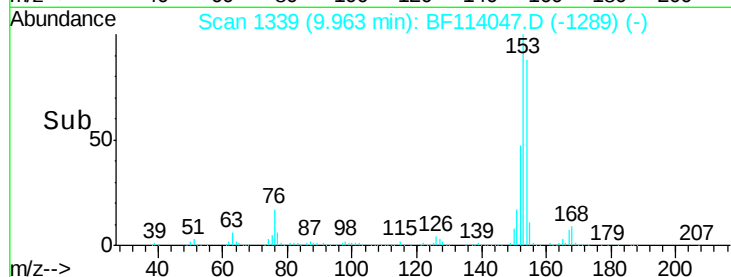
152 54.2 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 5.273 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

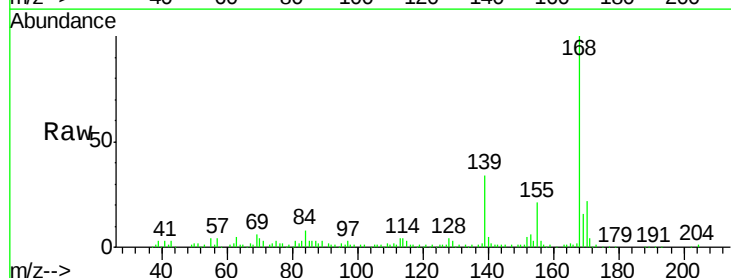
Tgt Ion:168 Resp: 81606

Ion Ratio Lower Upper

168 100

139 33.7 27.8 41.6

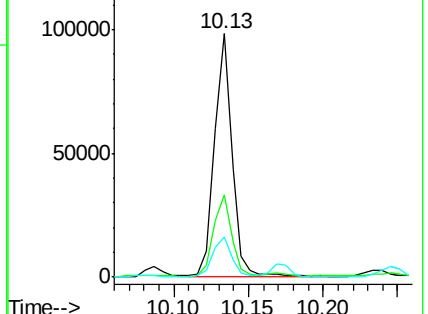
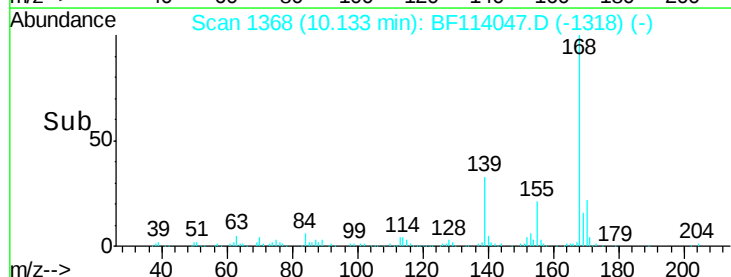
169 16.5 11.0 16.6

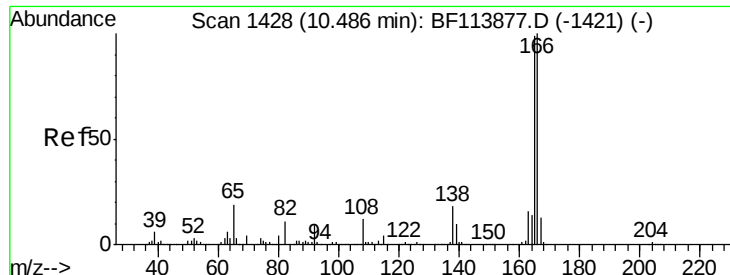


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

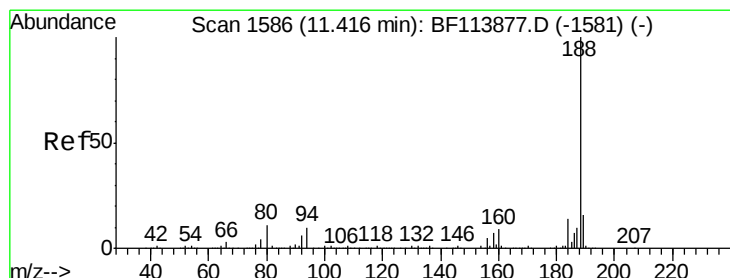
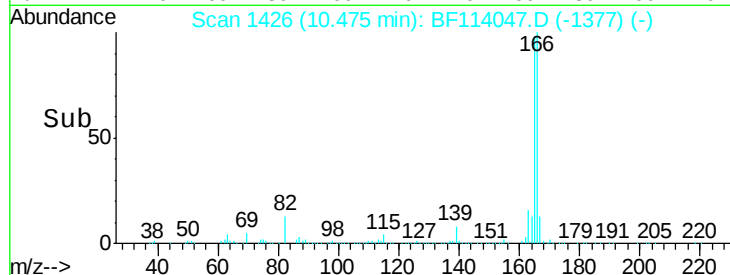
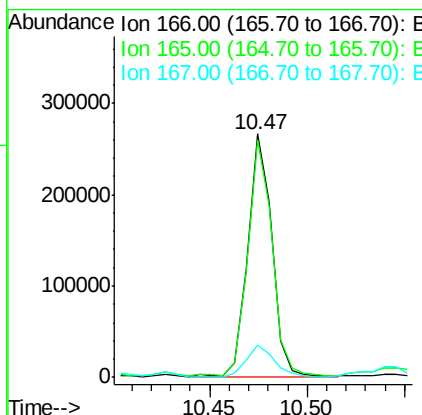
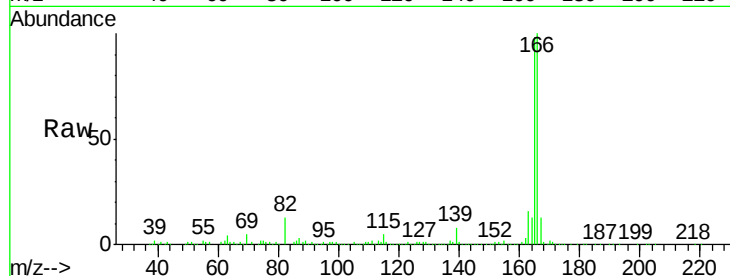




#58
 Fluorene
 Concen: 19.451 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114047.D
 Acq: 30 Apr 2019 17:30

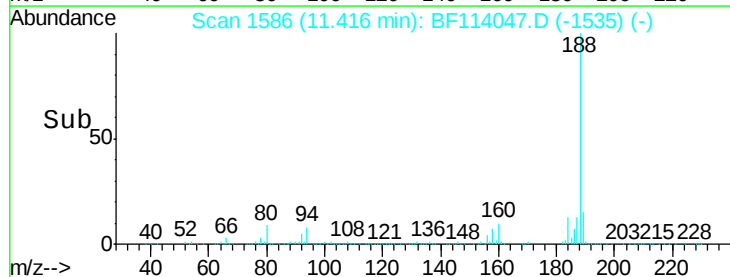
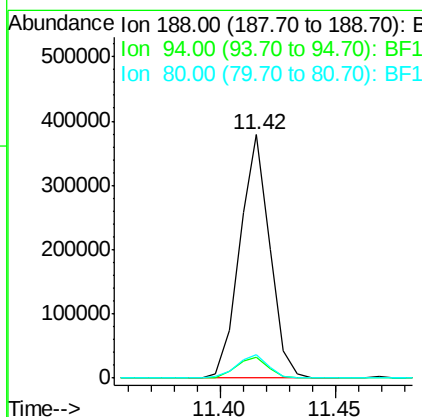
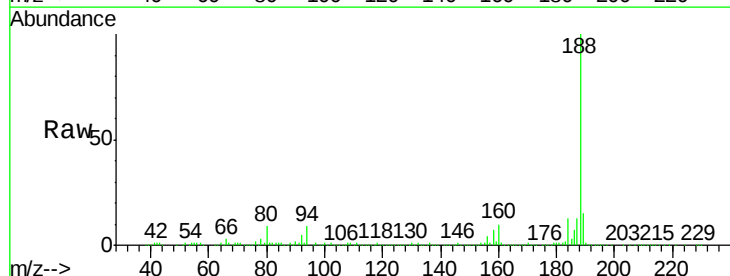
Instrument :
 BNA_F
 ClientSampleId :

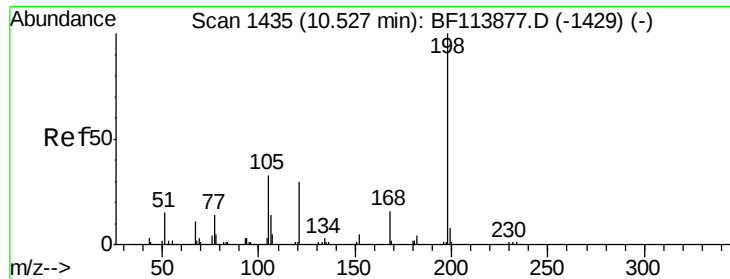
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.3	10.9	16.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF114047.D
 Acq: 30 Apr 2019 17:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.4
80	9.4	9.0	13.6

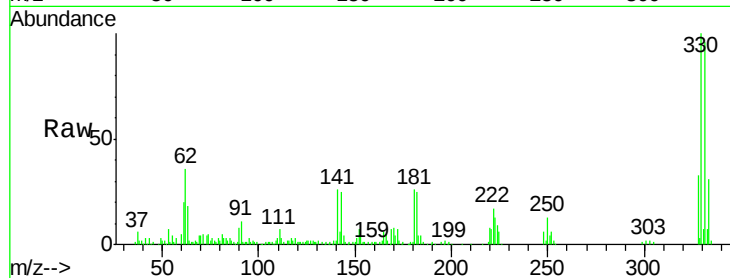




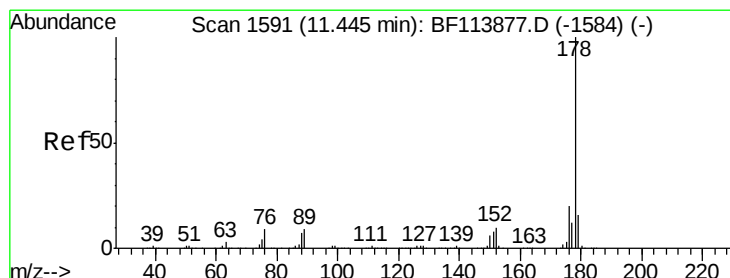
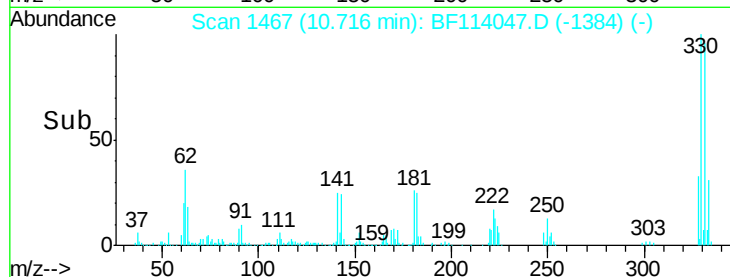
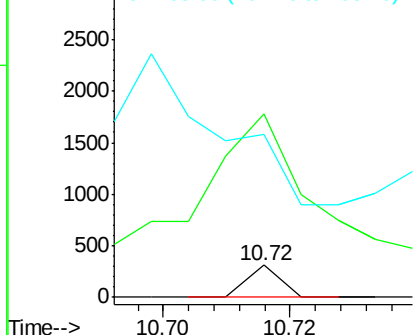
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.367 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF114047.D
 Acq: 30 Apr 2019 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 574.1 11.1 51.1#
 105 512.9 20.7 60.7#

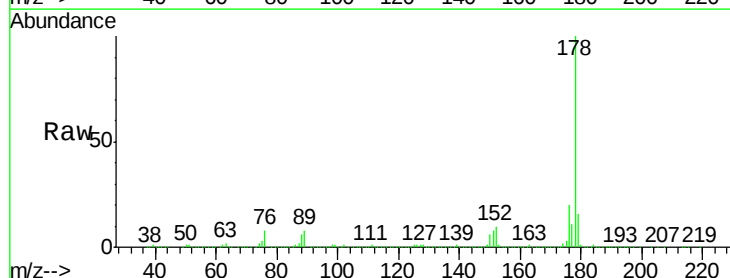


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

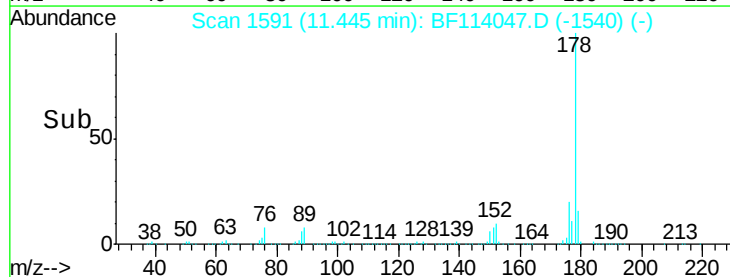
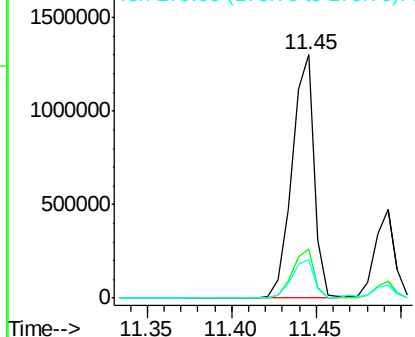


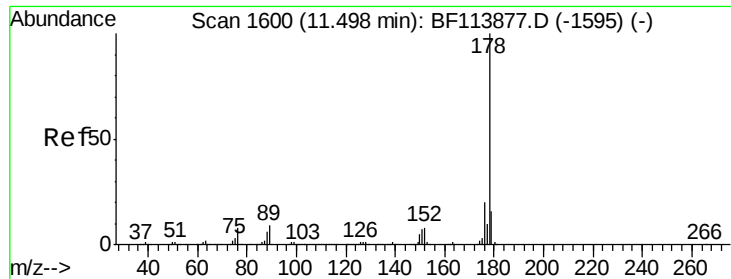
#71
 Phenanthrene
 Concen: 68.447 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF114047.D
 Acq: 30 Apr 2019 17:30

Tgt Ion:178 Resp: 1177130
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 15.7 12.8 19.2



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





#72

Anthracene

Concen: 21.381 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

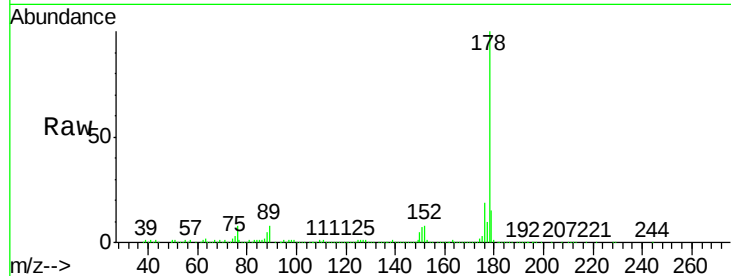
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 371320

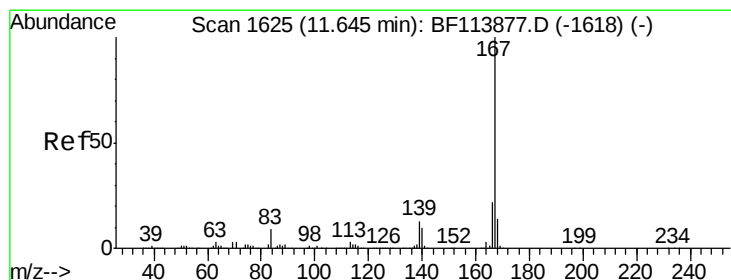
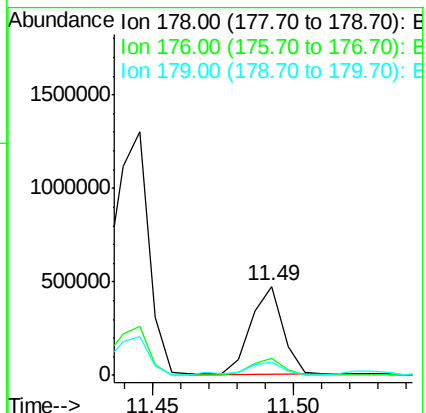
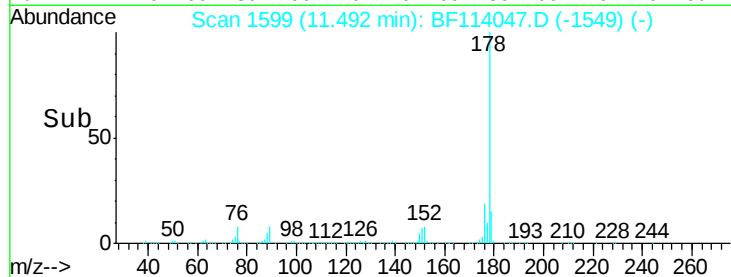
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.5	13.0	19.4



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: 4.302 ng

RT: 11.64 min Scan# 1624

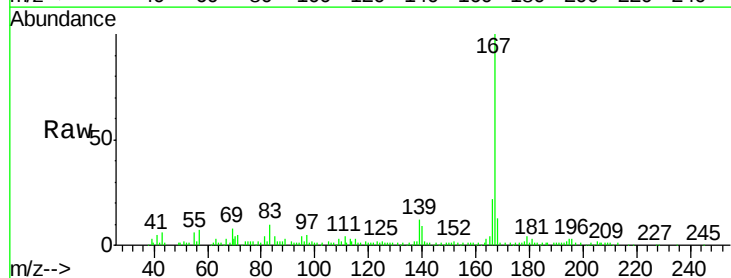
Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Tgt Ion:167 Resp: 66652

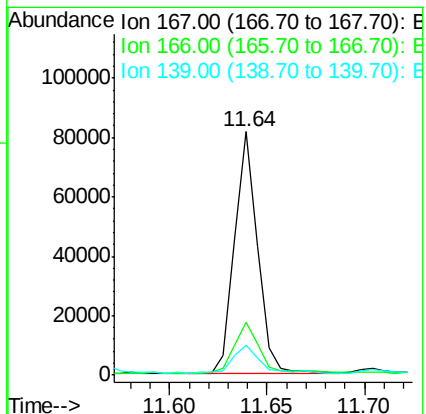
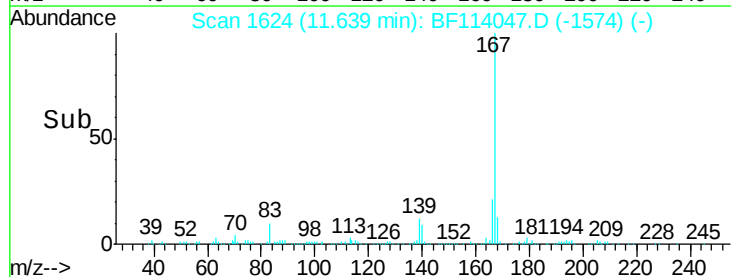
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.4	10.0	15.0

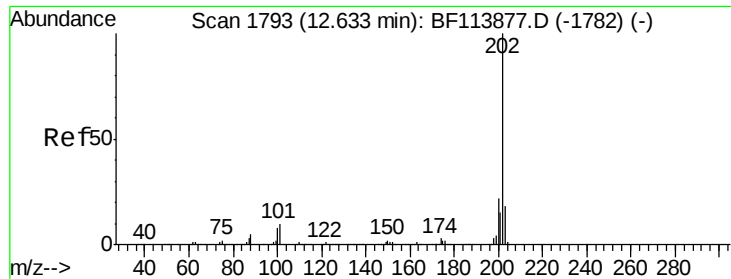


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 52.082 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampled :

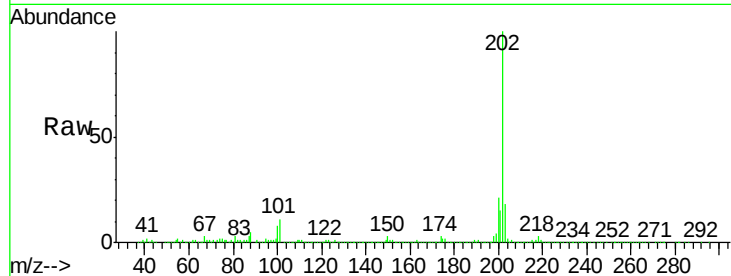
Tot Ion:202 Resp: 977223

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.9

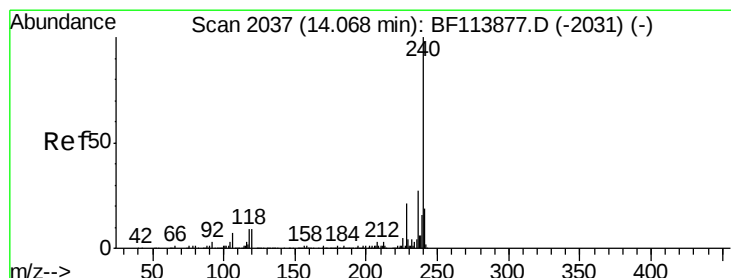
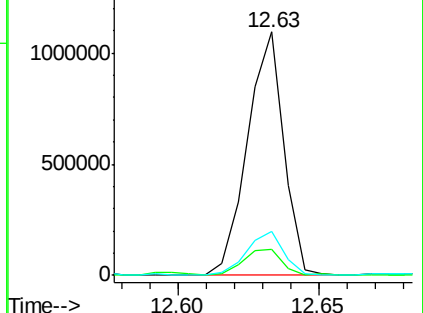
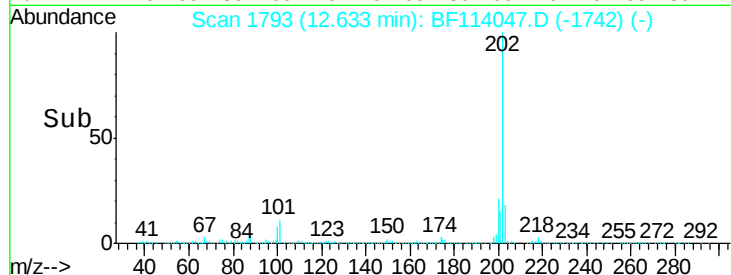
203 18.2 0.0 38.2



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

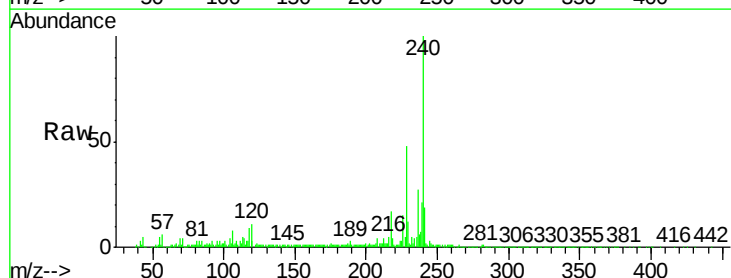
Tgt Ion:240 Resp: 247830

Ion Ratio Lower Upper

240 100

120 10.6 9.3 13.9

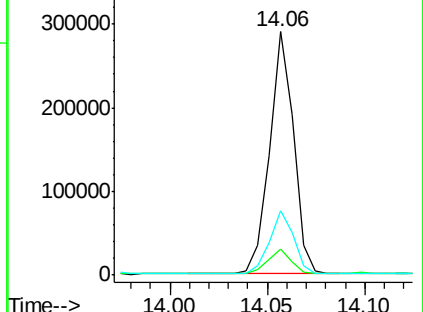
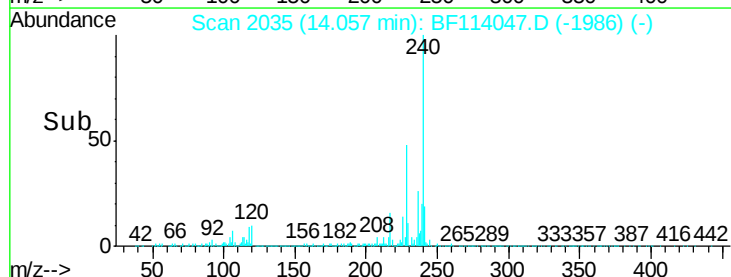
236 26.6 21.2 31.8

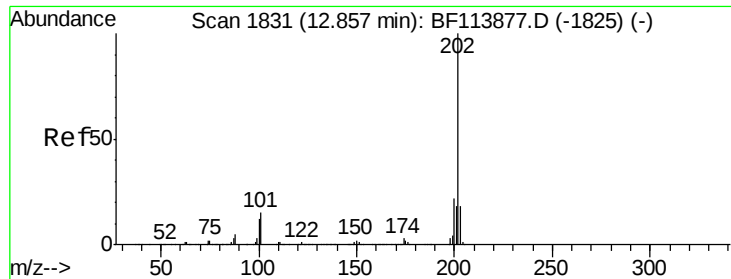


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

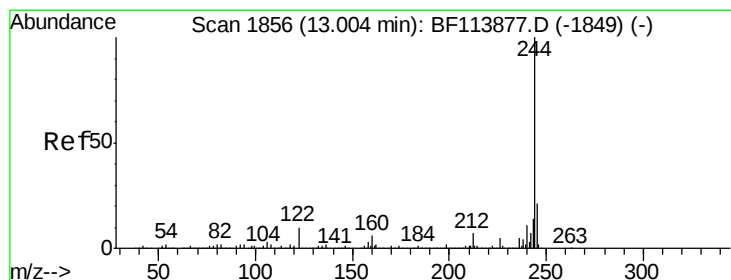
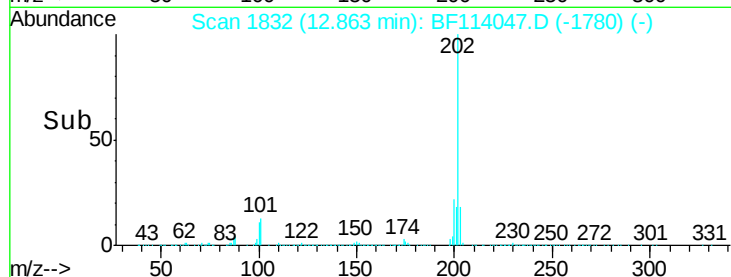
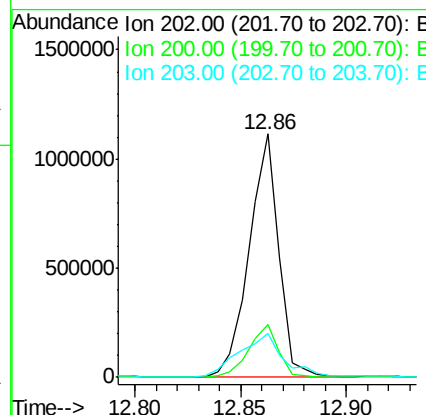
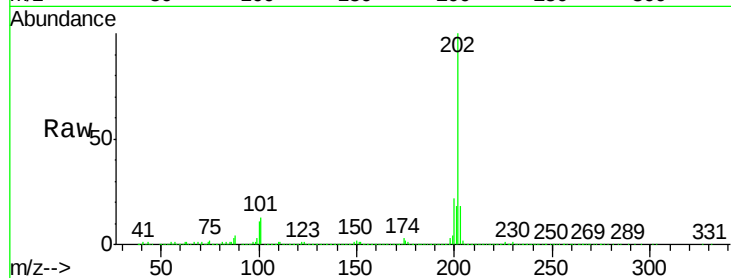




#78
Pvrene
Concen: 62.463 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

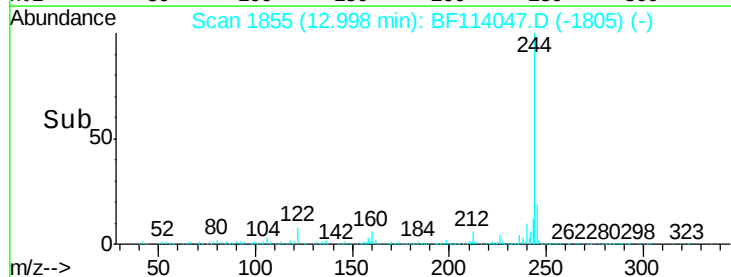
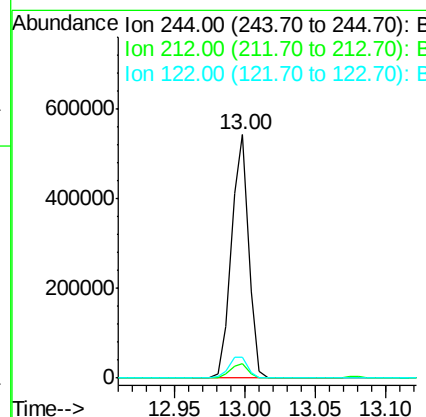
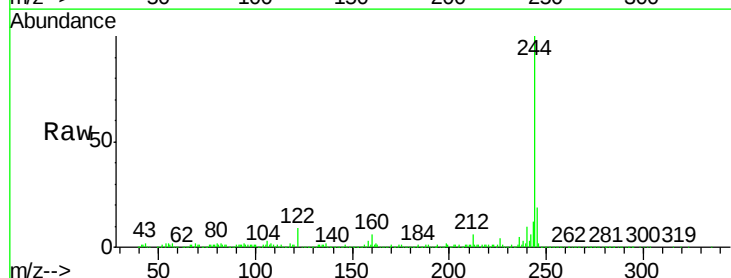
Instrument :
BNA_F
ClientSampleId :

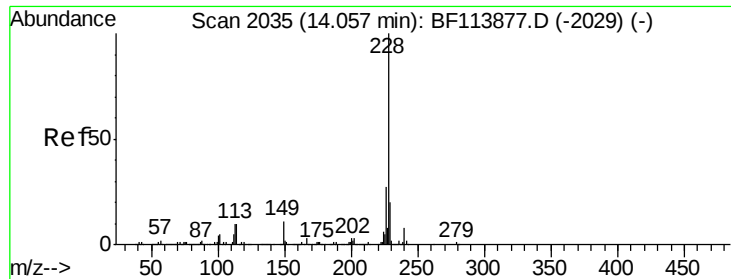
Tot Ion:202 Resp: 1082551
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.2 15.0 22.6



#79
Terphenyl-d14
Concen: 37.996 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

Tgt Ion:244 Resp: 459316
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.2
122 8.6 7.6 11.4

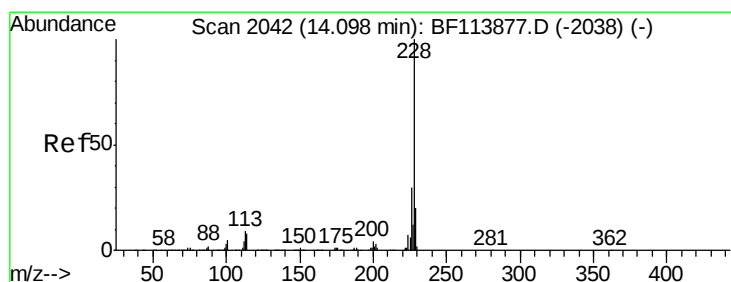
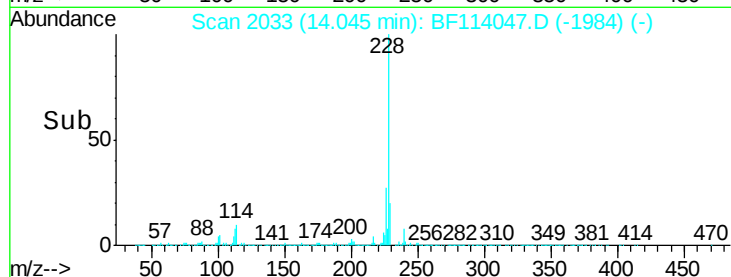
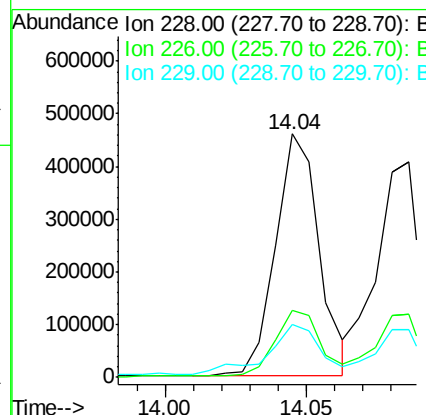
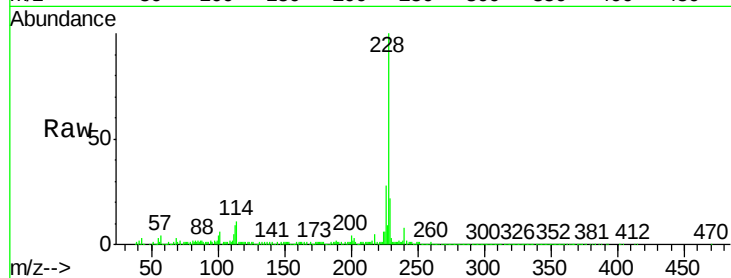




#81
Benzo(a)anthracene
Concen: 33.698 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

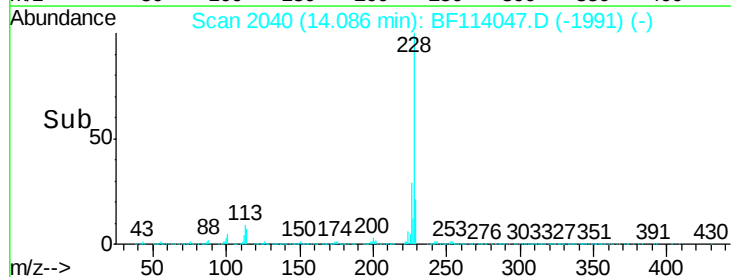
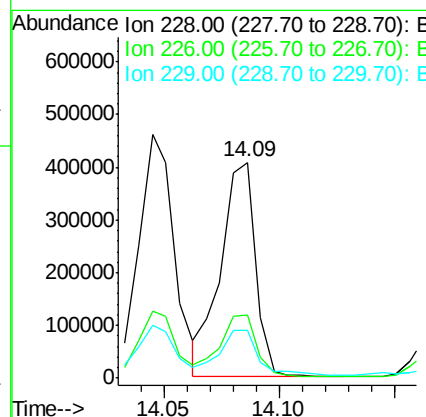
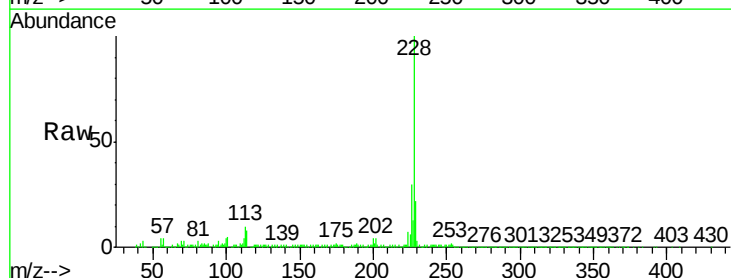
Instrument :
BNA_F
ClientSampleId :

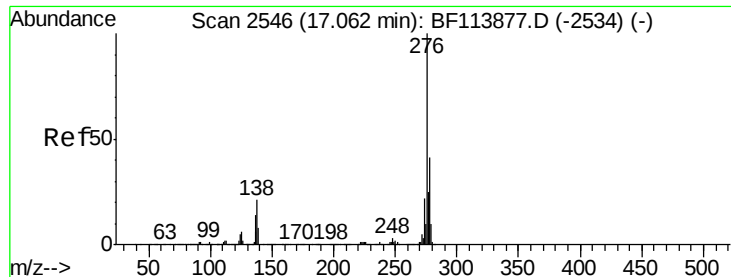
Tot Ion:228 Resp: 492047
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 21.5 16.0 24.0



#83
Chrysene
Concen: 30.012 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

Tgt Ion:228 Resp: 426794
Ion Ratio Lower Upper
228 100
226 29.5 25.2 37.8
229 22.0 16.7 25.1





#86

Indeno(1,2,3-cd)pyrene

Concen: 8.439 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

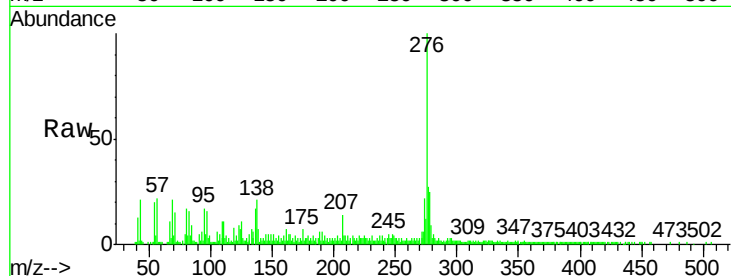
Tot Ion:276 Resp: 113671

Ion Ratio Lower Upper

276 100

138 20.0 19.6 29.4

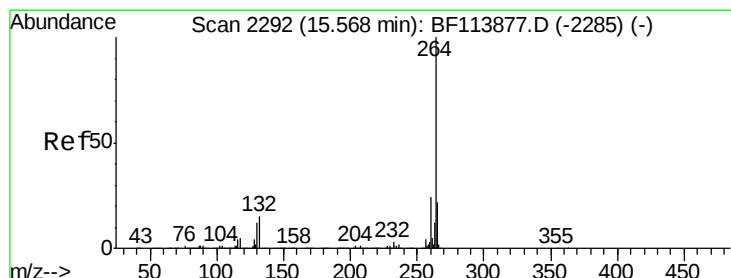
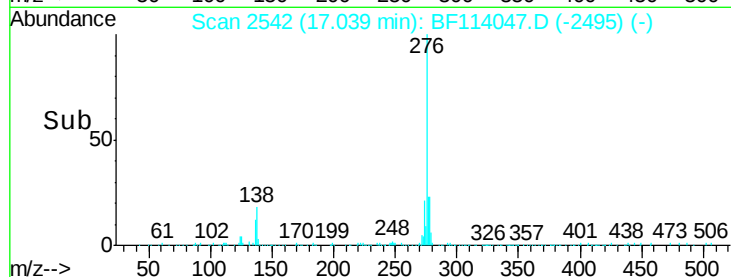
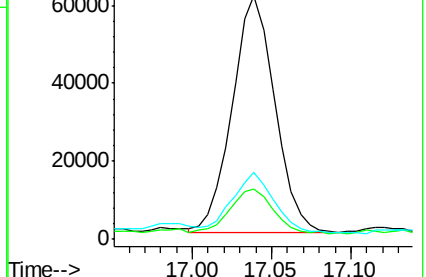
277 24.8 20.2 30.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

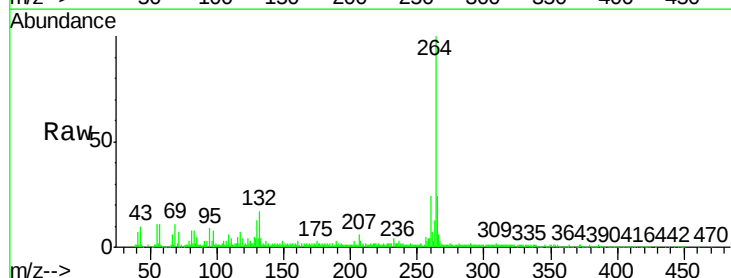
Tgt Ion:264 Resp: 200825

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

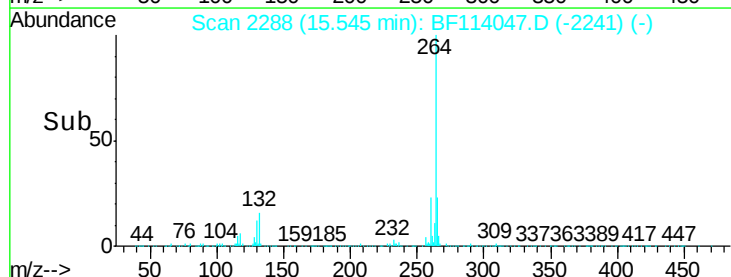
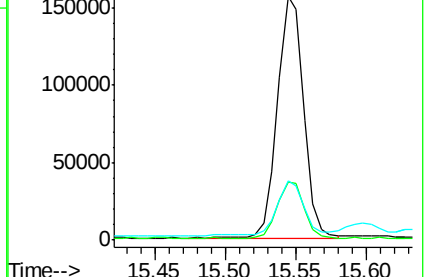
265 24.2 17.3 25.9

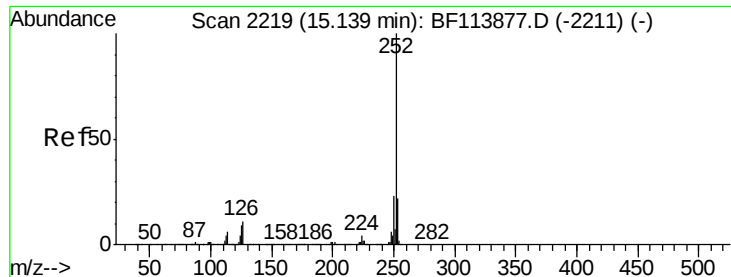


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

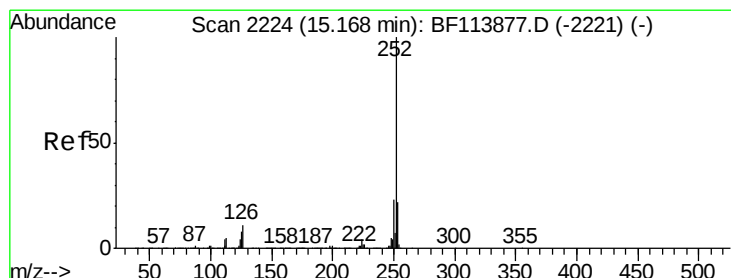
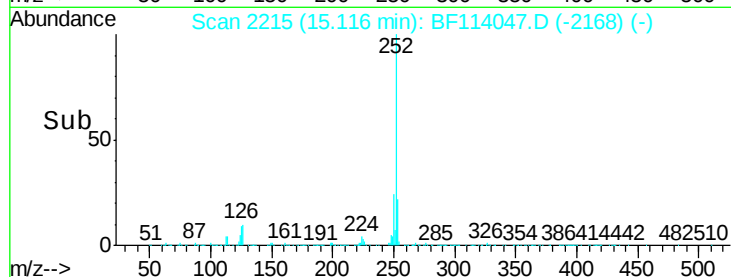
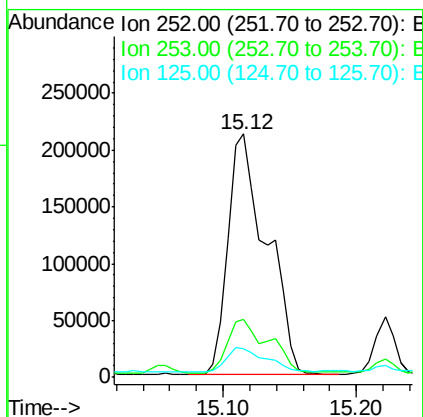
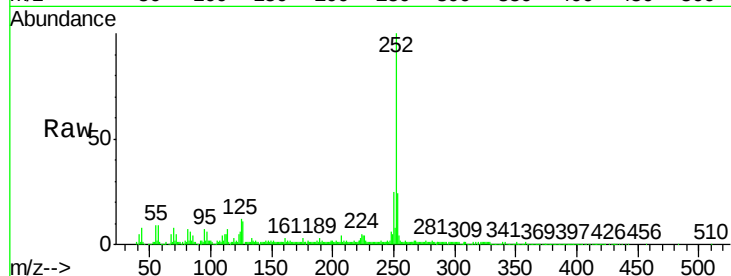




#88
Benzo(b)fluoranthene
Concen: 33.839 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

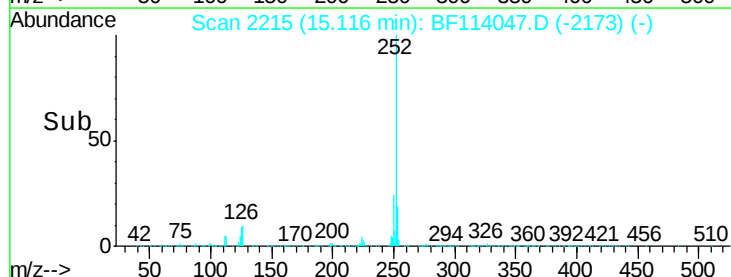
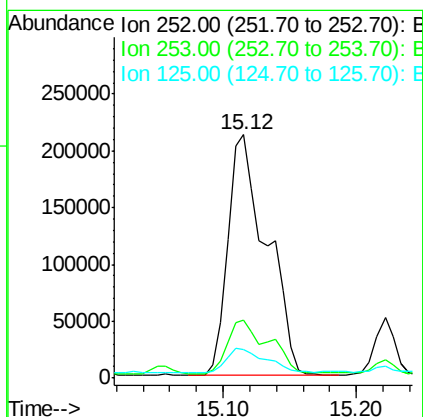
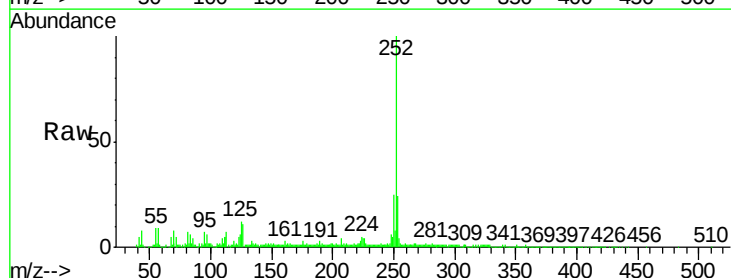
Instrument :
BNA_F
ClientSampleId :

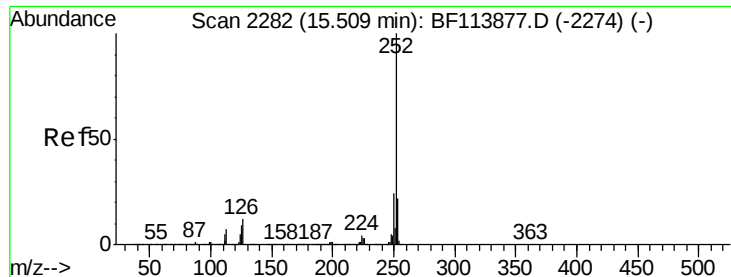
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	11.7	7.0	10.6



#89
Benzo(k)fluoranthene
Concen: 39.340 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.05 min
Lab File: BF114047.D
Acq: 30 Apr 2019 17:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	11.7	7.4	11.2





#90

Benzo(a)pyrene

Concen: 22.926 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampled :

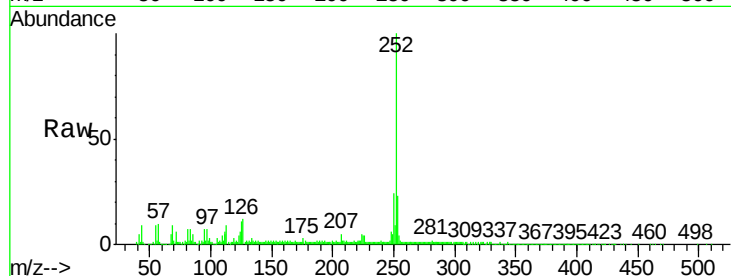
Tot Ion:252 Resp: 251960

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

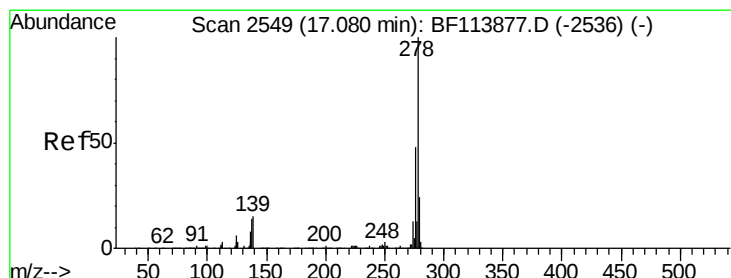
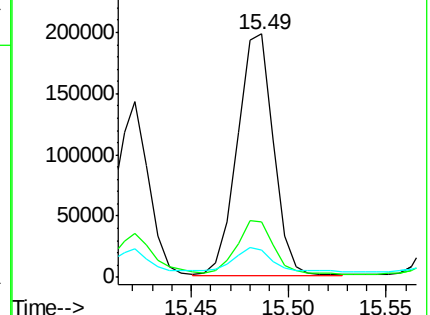
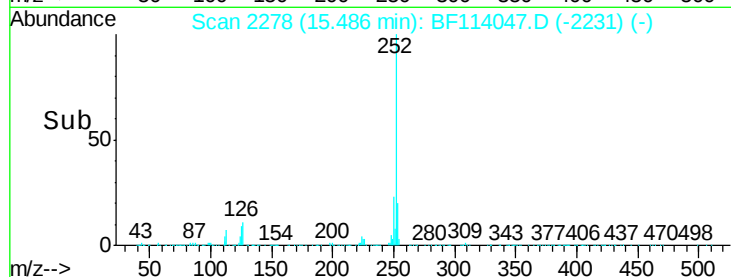
125 11.2 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 3.373 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

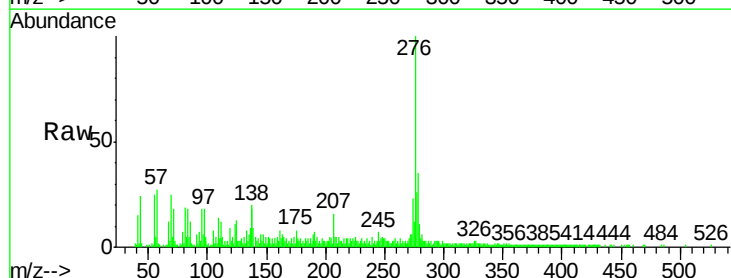
Tgt Ion:278 Resp: 34794

Ion Ratio Lower Upper

278 100

139 24.8 11.6 17.4#

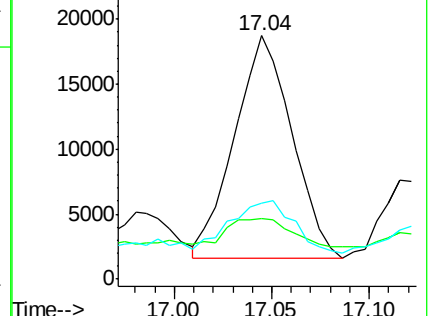
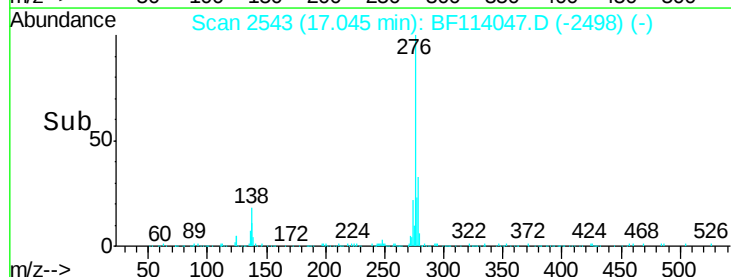
279 31.3 19.0 28.6#

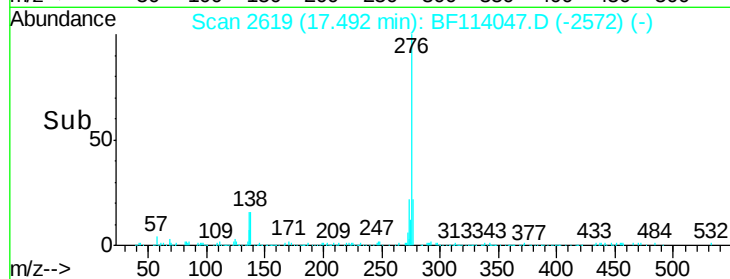
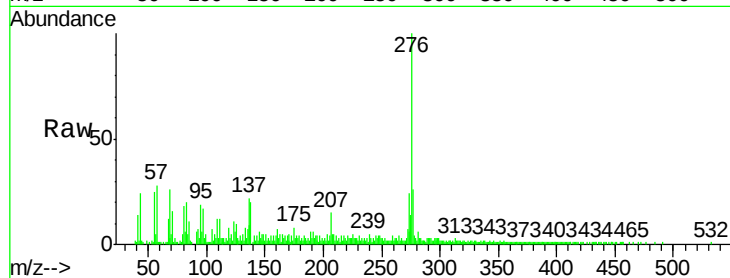
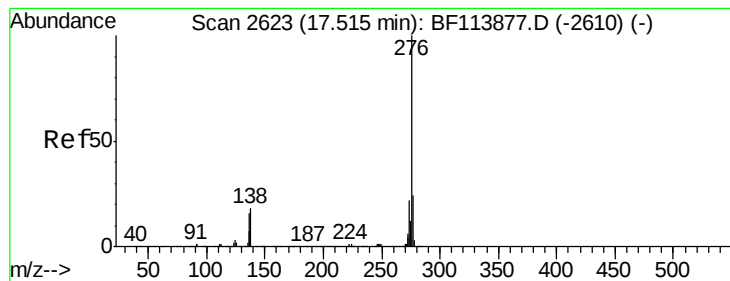


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 11.215 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF114047.D

Acq: 30 Apr 2019 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 116762

Ion Ratio Lower Upper

276 100

277 26.1 19.0 28.4

138 19.9 16.6 25.0

