

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112024.D
 Acq On : 11 Jan 2019 19:17
 Operator : JU/SJ
 Sample : K1011-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

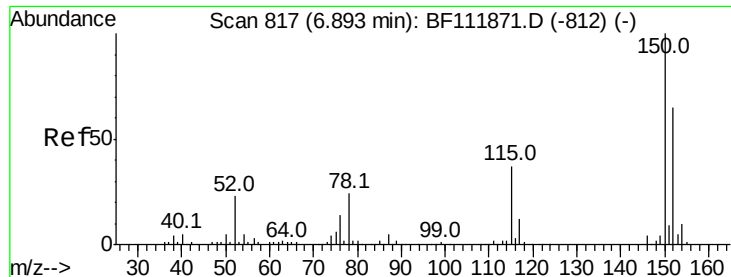
Quant Time: Jan 11 21:24:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	106762	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	375306	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	168045	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	307812	20.00	ng	-0.02
76) Chrysene-d12	14.05	240	269677	20.00	ng	-0.01
87) Perylene-d12	15.52	264	183839	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	341143	54.67	ng	-0.02
7) Phenol-d6	6.51	99	367999	45.75	ng	-0.02
23) Nitrobenzene-d5	7.43	82	217839	31.02	ng	-0.03
42) 2,4,6-Tribromophenol	10.70	330	94637	43.30	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	399895	34.70	ng	-0.02
79) Terphenyl-d14	12.98	244	431887	30.40	ng	-0.02

Target Compounds				Qvalue		
9) Benzaldehyde	6.51	77	529	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	30061	5.752 ng	#	74
25) Isophorone	7.43	82	217837	19.157 ng	#	65
31) Naphthalene	8.17	128	73576	4.130 ng		100
37) 2-Methylnaphthalene	8.87	142	180708	16.369 ng		98
38) 1-Methylnaphthalene	8.97	142	203640	19.232 ng		100
49) Acenaphthylene	9.77	152	69093	4.236 ng	#	88
50) Dimethylphthalate	9.62	163	117749	9.328 ng		99
52) Acenaphthene	9.95	154	100040	9.514 ng		95
55) Dibenzofuran	10.12	168	60095	3.930 ng	#	90
56) 4-Nitrophenol	10.02	139	5419	2.537 ng	#	31
58) Fluorene	10.46	166	219044	19.686 ng		100
71) Phenanthrene	11.43	178	1224010	74.376 ng		100
72) Anthracene	11.47	178	309292	18.514 ng		98
73) Carbazole	11.63	167	35069	2.158 ng		96
75) Fluoranthene	12.62	202	1007936	59.660 ng		98
78) Pyrene	12.85	202	1116713	60.182 ng		100
81) Benzo(a)anthracene	14.03	228	434088	27.969 ng		96
83) Chrysene	14.07	228	375832	25.397 ng		97
86) Indeno(1,2,3-cd)pyrene	17.01	276	119562	11.082 ng		96
88) Benzo(b)fluoranthene	15.09	252	390116	35.474 ng	#	95
89) Benzo(k)fluoranthene	15.09	252	390116	37.739 ng	#	96
90) Benzo(a)pyrene	15.46	252	227113	23.488 ng		98
91) Dibenzo(a,h)anthracene	17.02	278	30575	3.931 ng	#	80
92) Benzo(g,h,i)perylene	17.46	276	123579	16.246 ng		96

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

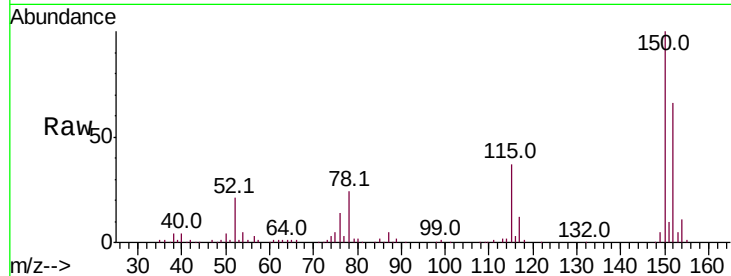


#1

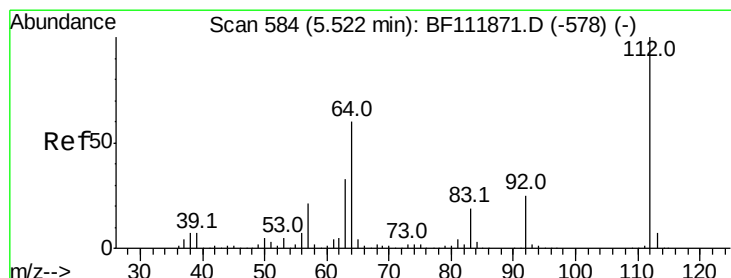
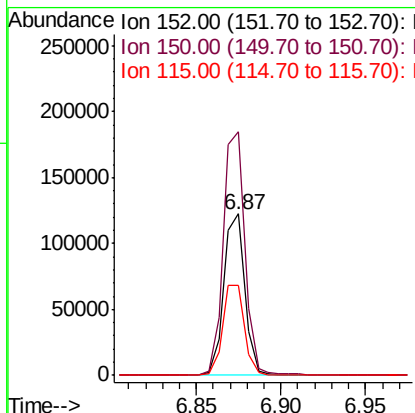
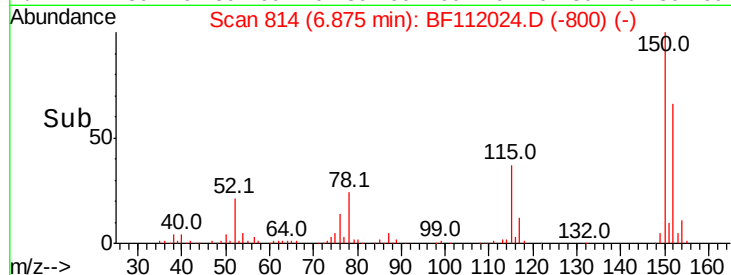
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106762
Ion Ratio Lower Upper
152 100
150 150.9 122.7 184.1
115 56.1 45.2 67.8



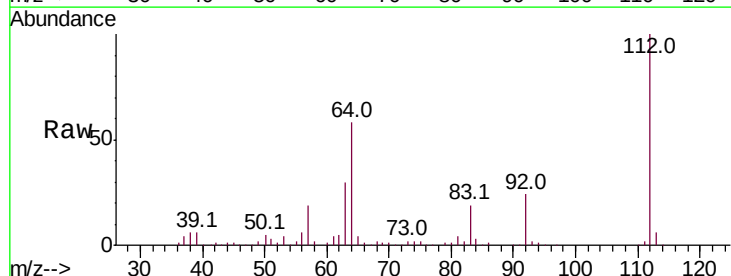
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



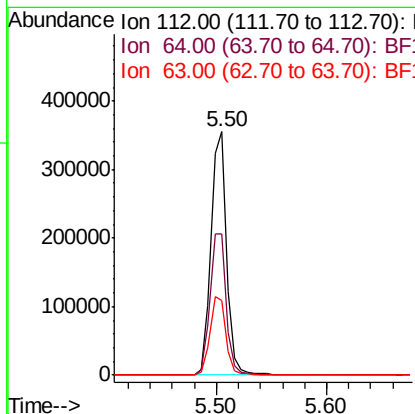
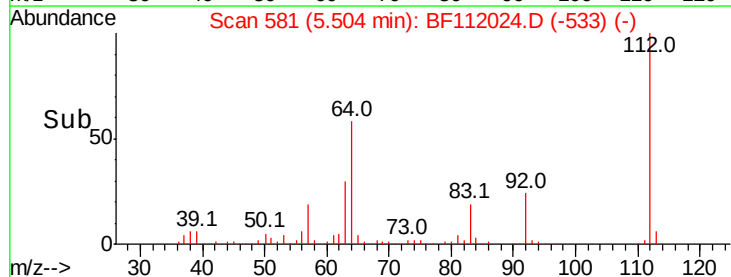
#5

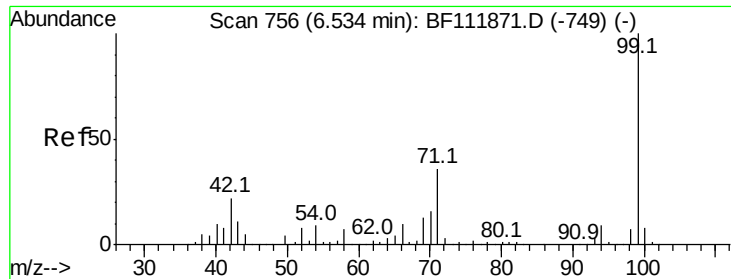
2-Fluorophenol
Concen: 54.667 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion:112 Resp: 341143
Ion Ratio Lower Upper
112 100
64 58.0 48.3 72.5
63 30.5 26.1 39.1



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: 45.753 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampled :

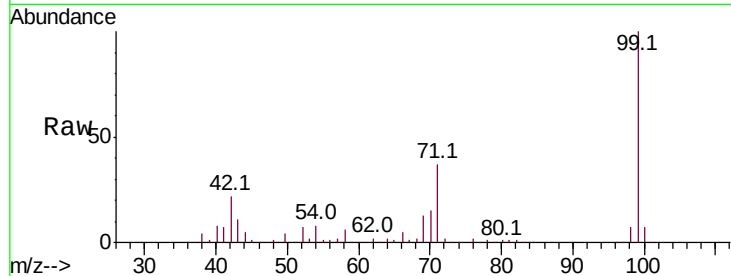
Tot Ion: 99 Resp: 367999

Ion Ratio Lower Upper

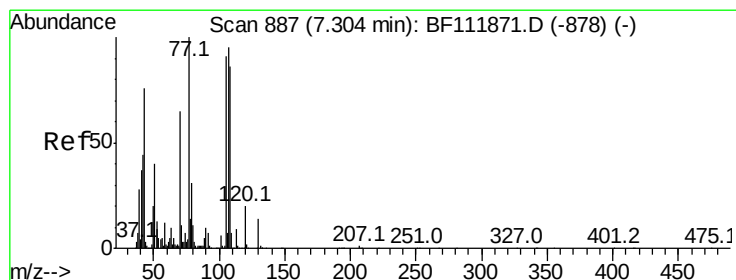
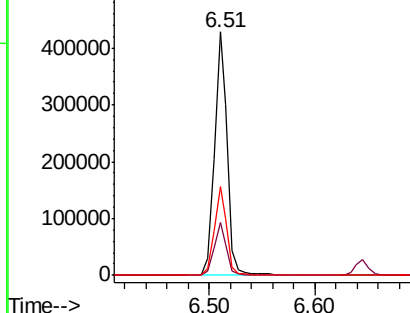
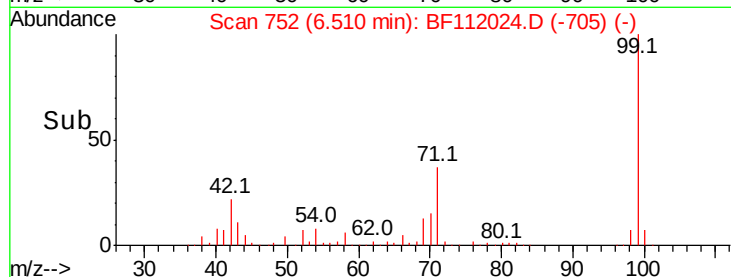
99 100

42 21.5 17.9 26.9

71 36.6 28.7 43.1



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: 5.752 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.12 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Tgt Ion: 70 Resp: 30061

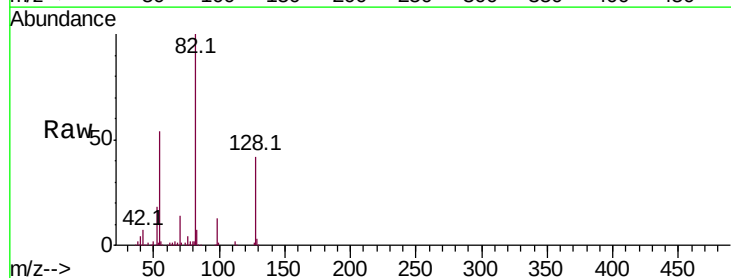
Ion Ratio Lower Upper

70 100

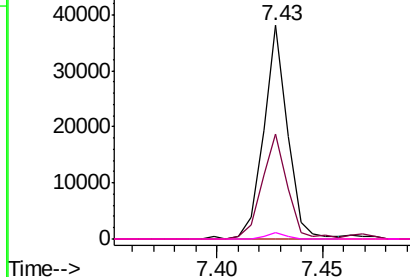
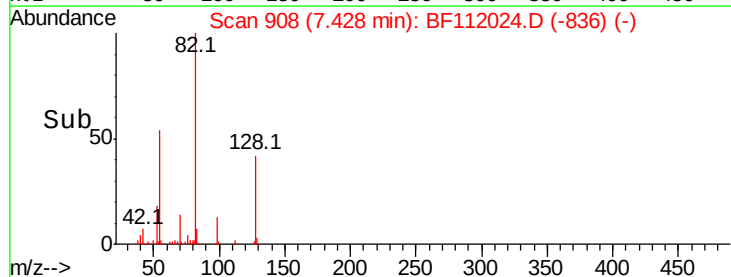
42 49.1 53.6 80.4#

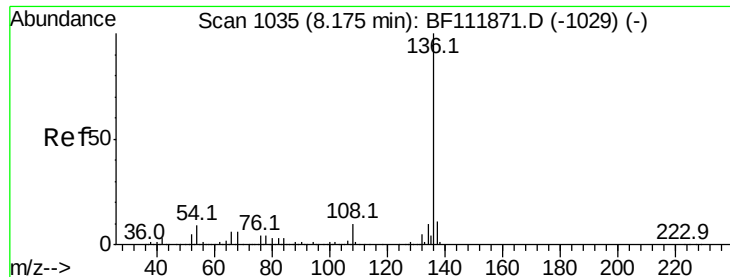
101 0.0 7.3 10.9#

130 2.8 16.8 25.2#



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

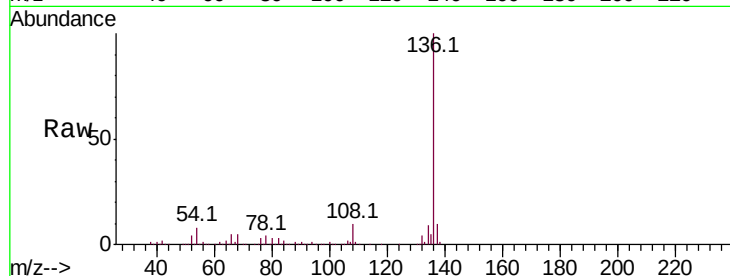




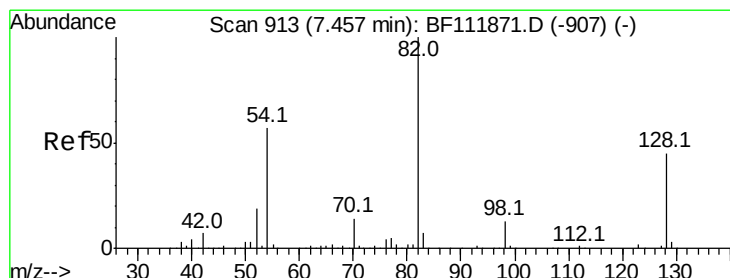
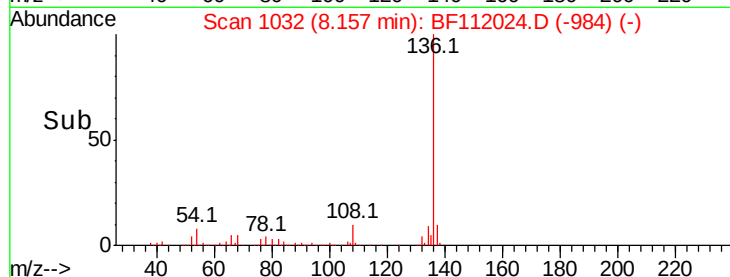
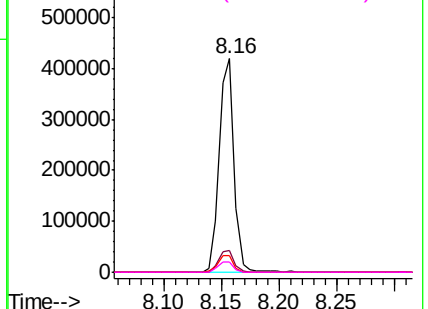
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	375306
Ion Ratio	Lower	Upper
136 100		
137 10.4	9.1	13.7
54 7.6	7.2	10.8
68 5.0	4.4	6.6

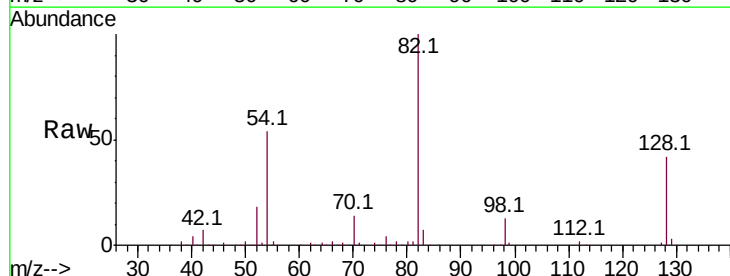


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

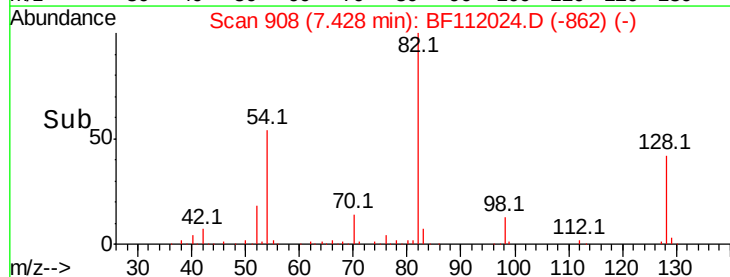
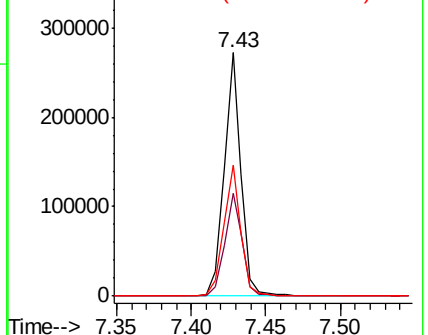


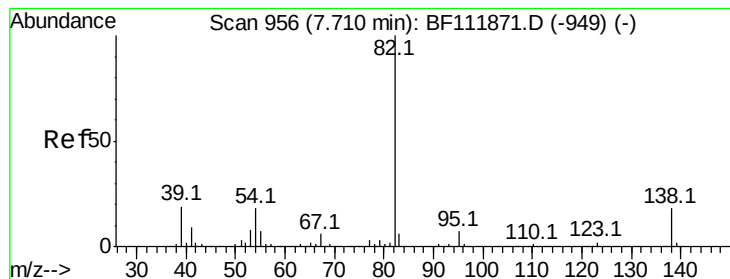
#23
Nitrobenzene-d5
Concen: 31.021 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 82	Resp: 217839
Ion Ratio	Lower Upper
82 100	
128 42.2	35.7 53.5
54 53.7	45.8 68.8



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: 19.157 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

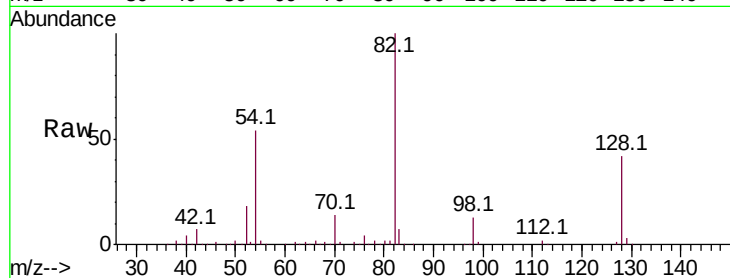
Tot Ion: 82 Resp: 217837

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

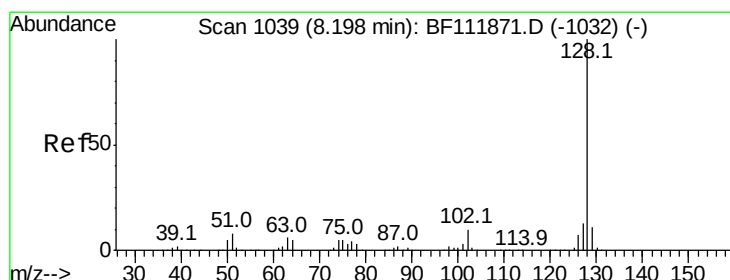
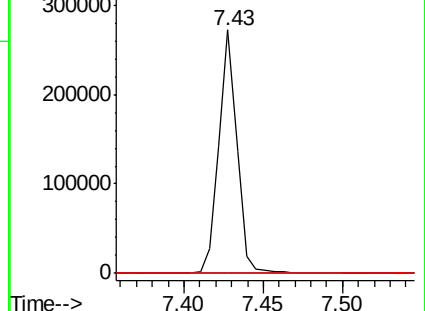
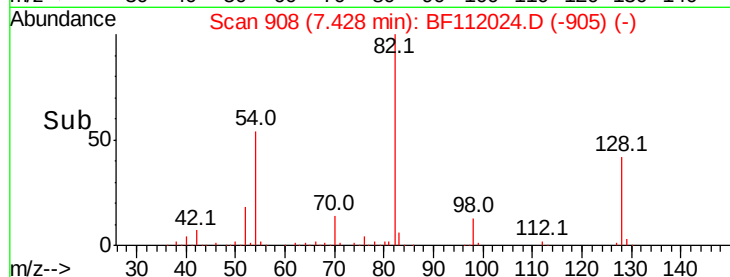
138 0.0 14.4 21.6#



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: 4.130 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

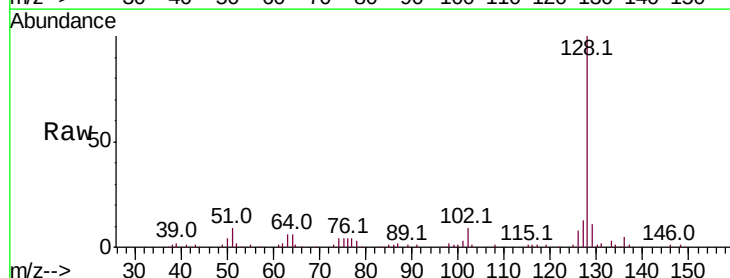
Tgt Ion:128 Resp: 73576

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

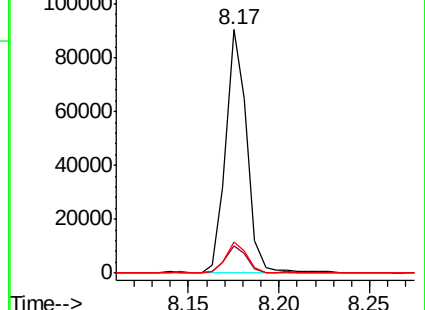
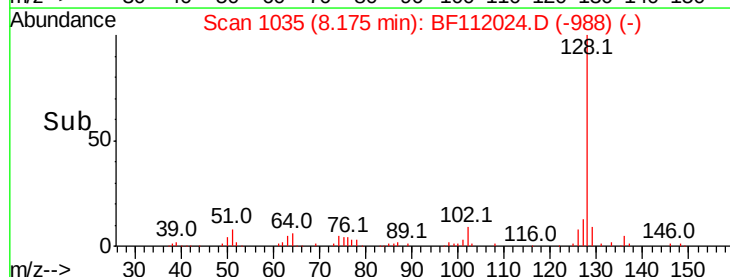
127 13.1 10.7 16.1

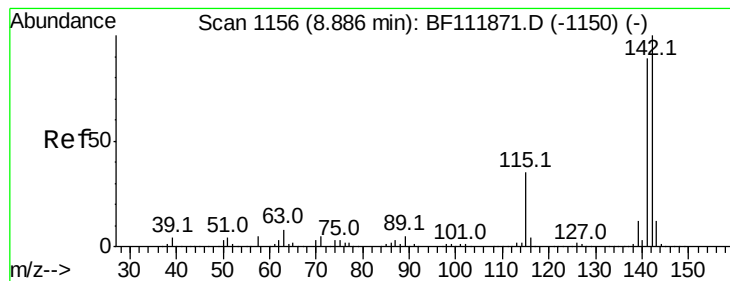


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 16.369 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

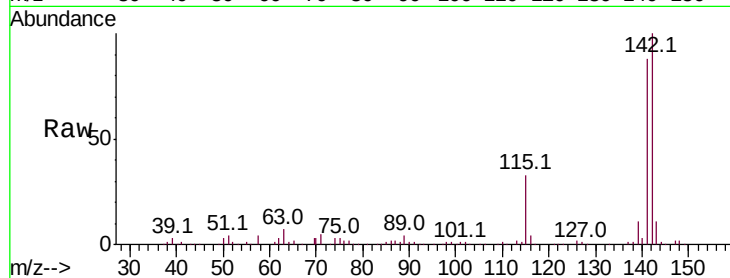
Tot Ion:142 Resp: 180708

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2

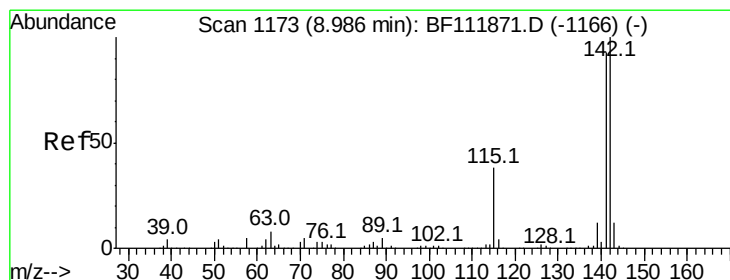
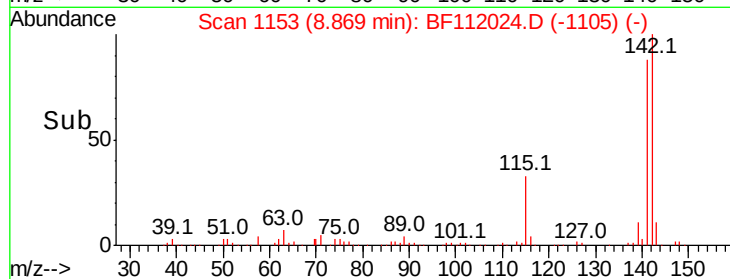
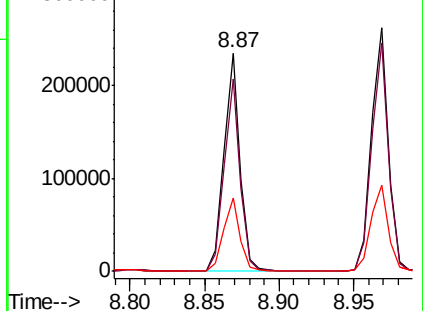
115 33.5 28.3 42.5



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: 19.232 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

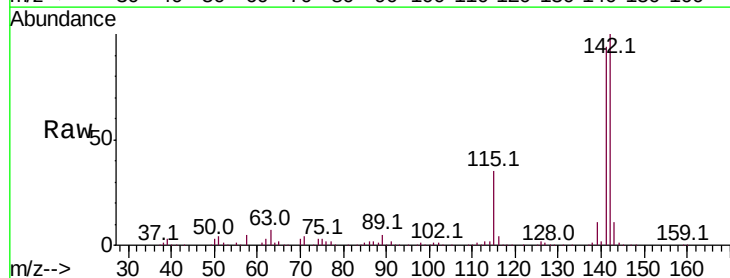
Tgt Ion:142 Resp: 203640

Ion Ratio Lower Upper

142 100

141 93.6 74.8 112.2

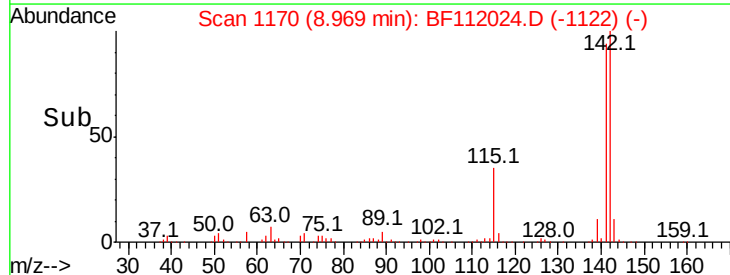
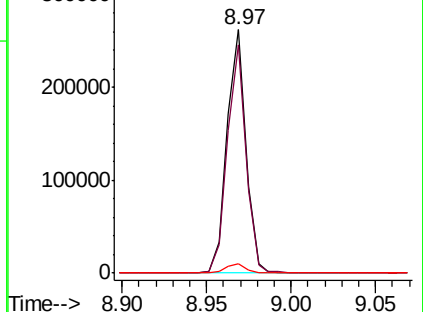
116 3.7 3.1 4.7

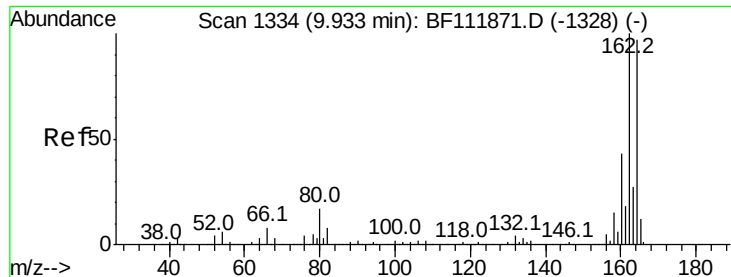


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

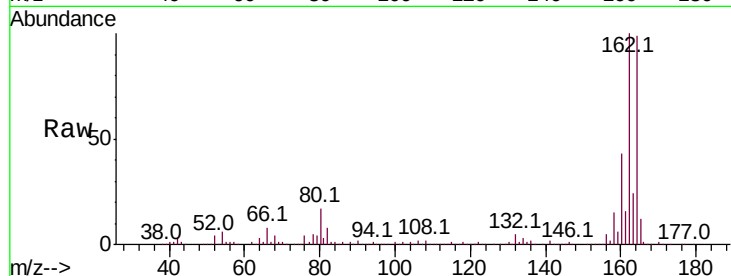




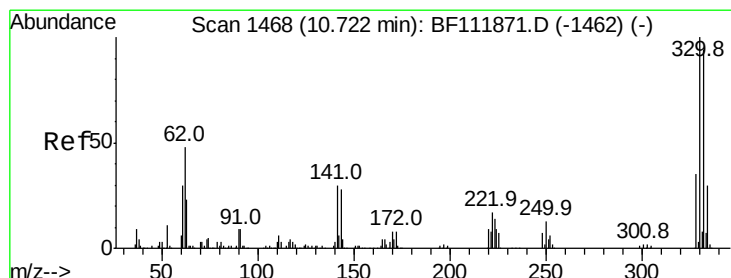
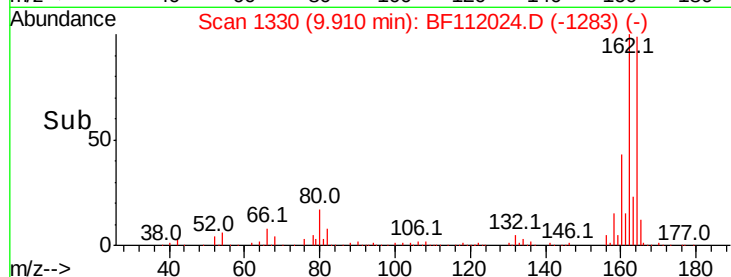
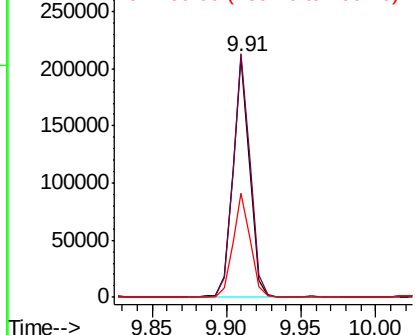
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 168045
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 43.5 35.5 53.3

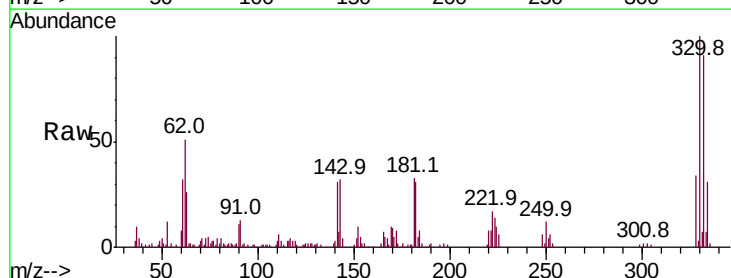


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

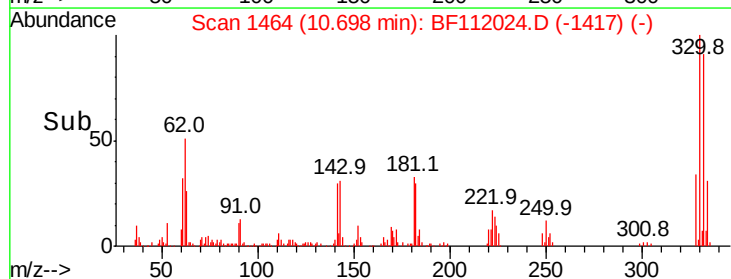
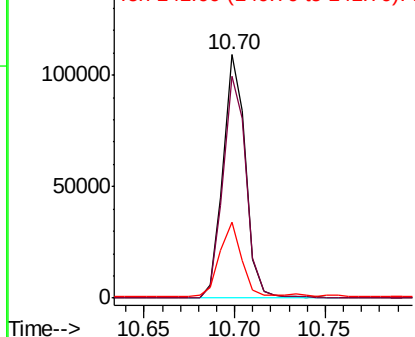


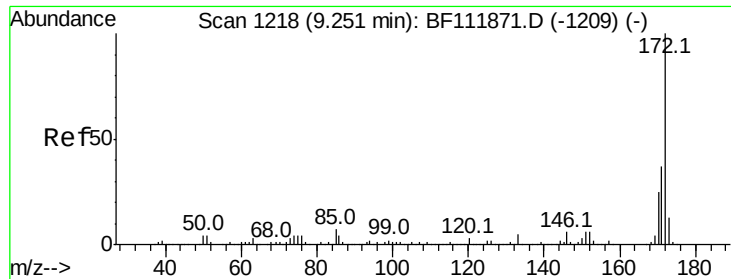
#42
2,4,6-Tribromophenol
Concen: 43.297 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion:330 Resp: 94637
Ion Ratio Lower Upper
330 100
332 93.8 76.9 115.3
141 29.9 23.7 35.5



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

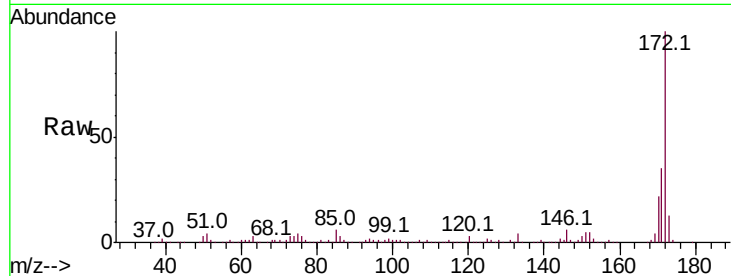




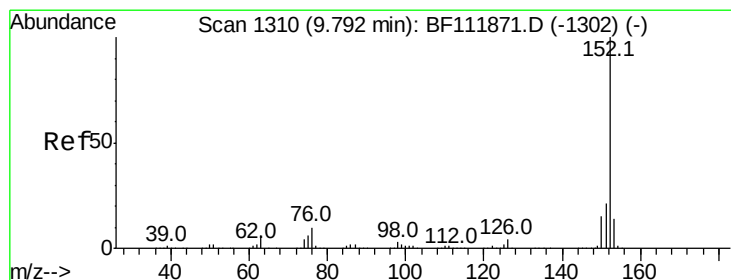
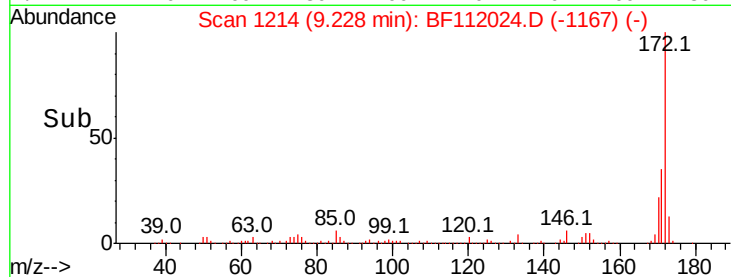
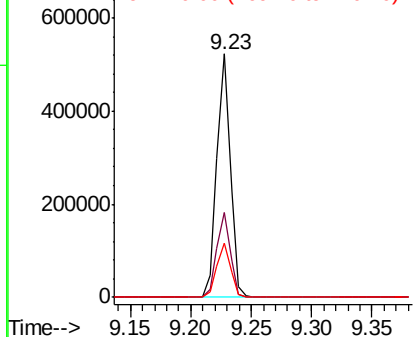
#45
2-Fluorobiphenyl
Concen: 34.701 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 399895
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 22.5 19.8 29.8

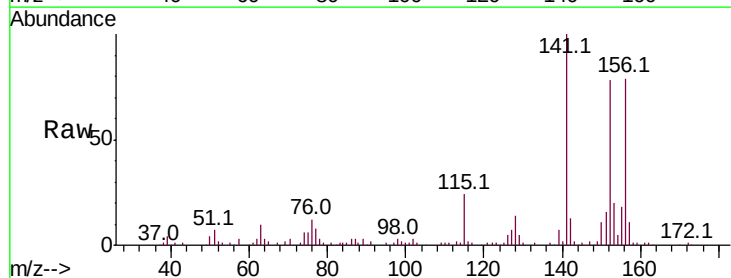


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

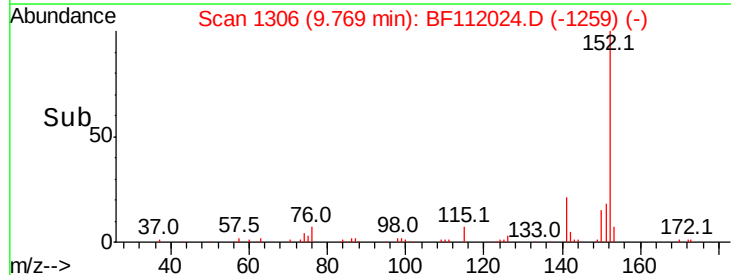
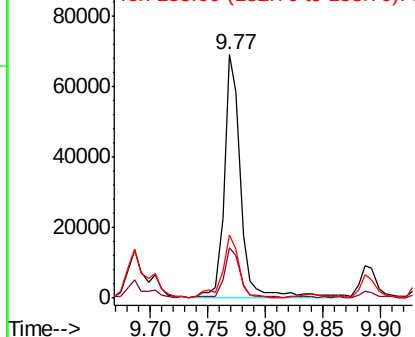


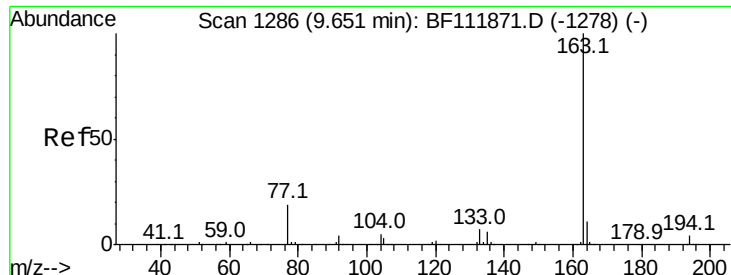
#49
Acenaphthylene
Concen: 4.236 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion:152 Resp: 69093
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 26.1 11.0 16.4#



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





#50

Dimethylphthalate

Concen: 9.328 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

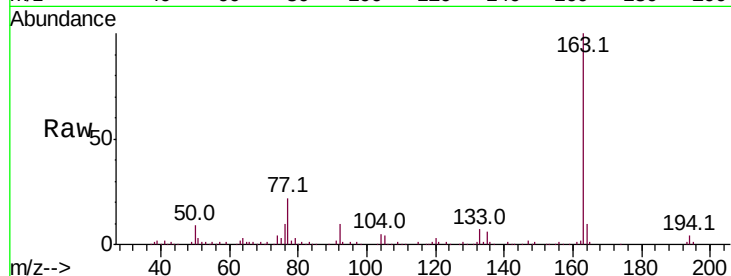
Tot Ion:163 Resp: 117749

Ion Ratio Lower Upper

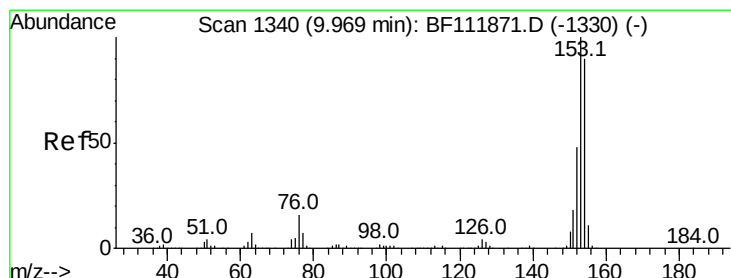
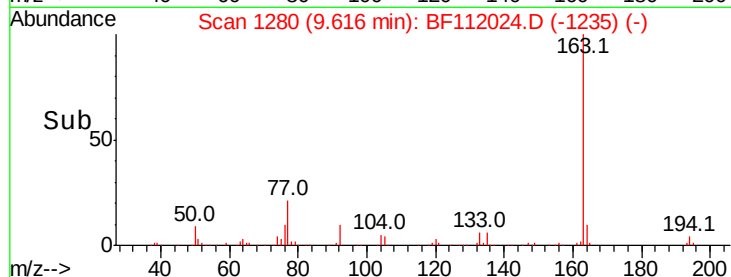
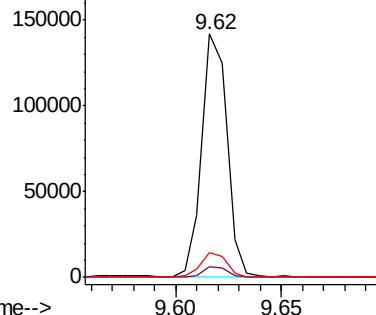
163 100

194 4.2 3.4 5.2

164 10.4 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: 9.514 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

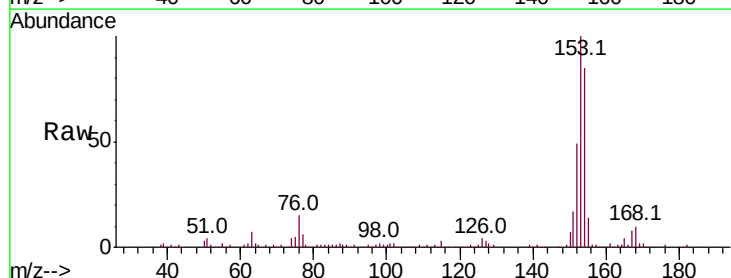
Tgt Ion:154 Resp: 100040

Ion Ratio Lower Upper

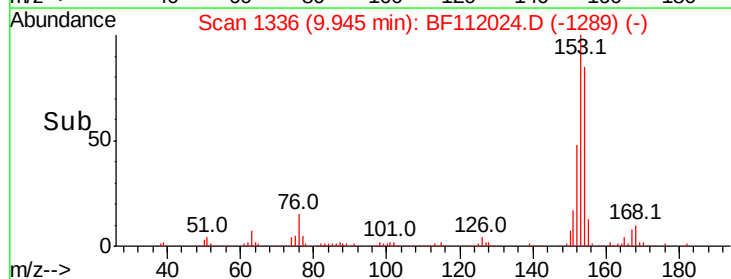
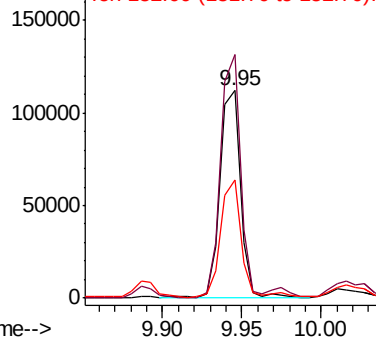
154 100

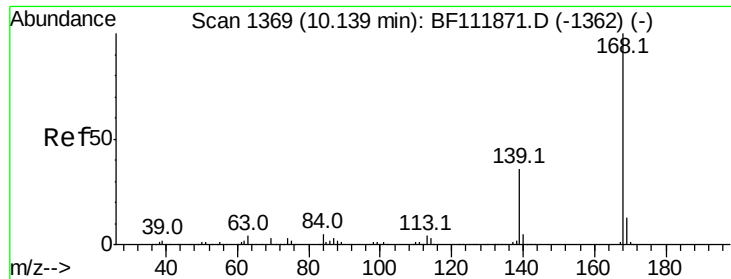
153 117.4 89.4 134.0

152 57.0 43.1 64.7



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: 3.930 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampled :

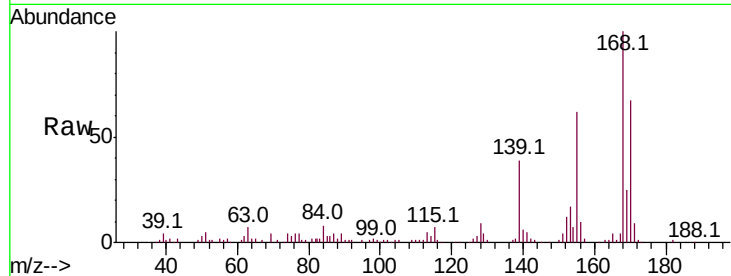
Tot Ion:168 Resp: 60095

Ion Ratio Lower Upper

168 100

139 38.5 29.3 43.9

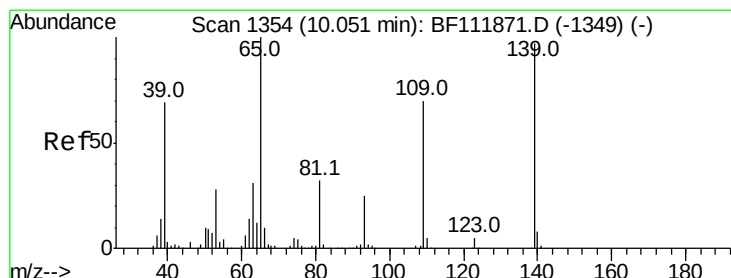
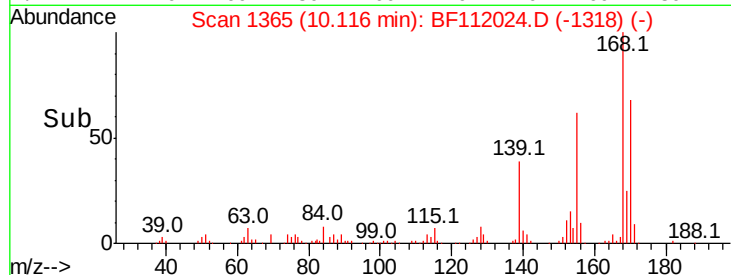
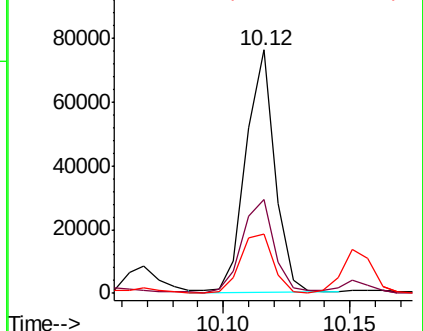
169 24.5 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 2.537 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.04 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

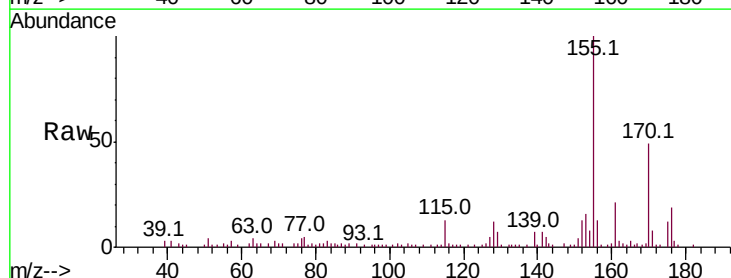
Tgt Ion:139 Resp: 5419

Ion Ratio Lower Upper

139 100

109 16.6 52.2 92.2#

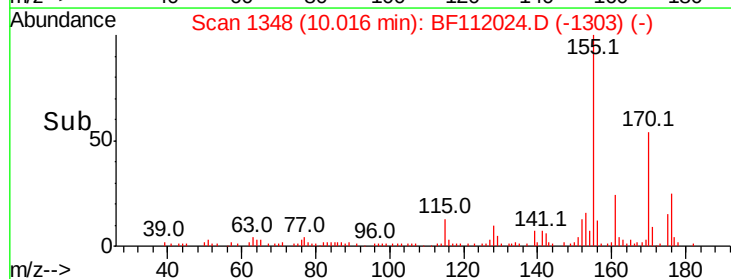
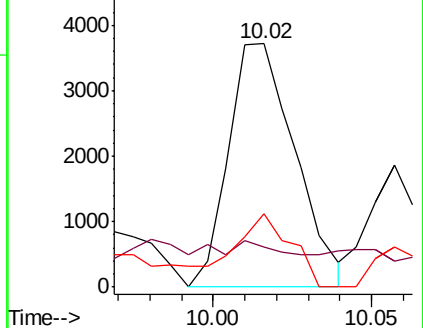
65 30.3 83.1 123.1#

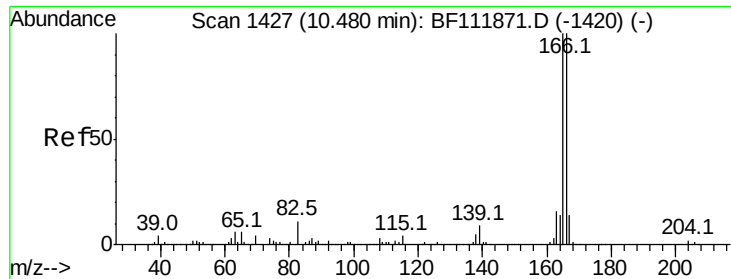


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

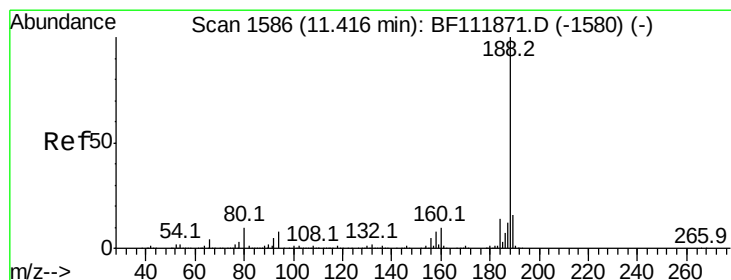
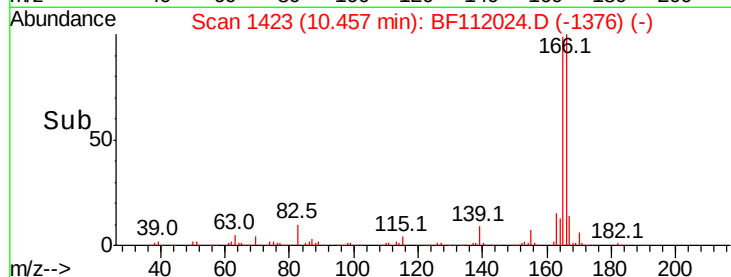
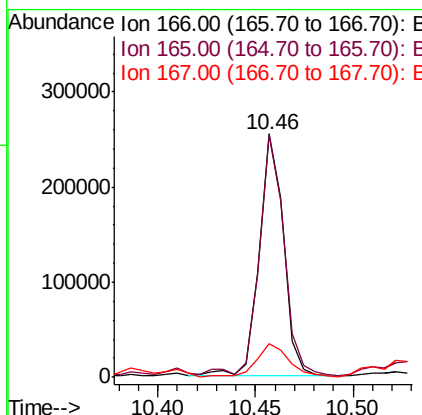
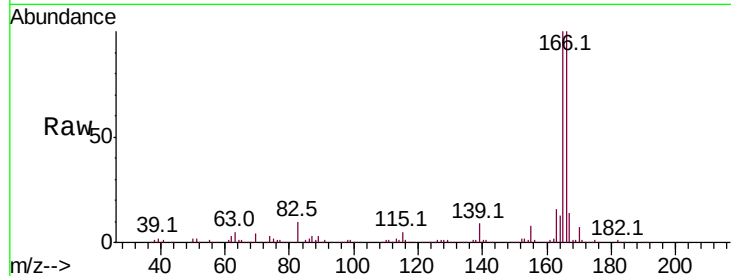




#58
 Fluorene
 Concen: 19.686 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF112024.D
 Acq: 11 Jan 2019 19:17

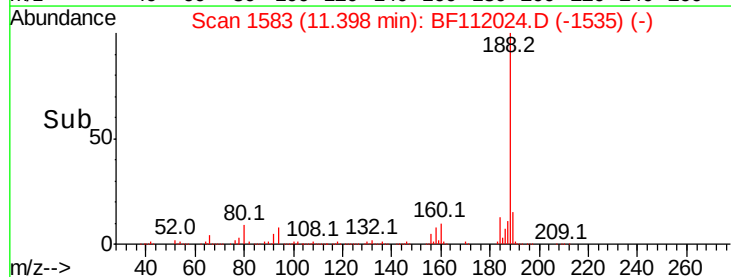
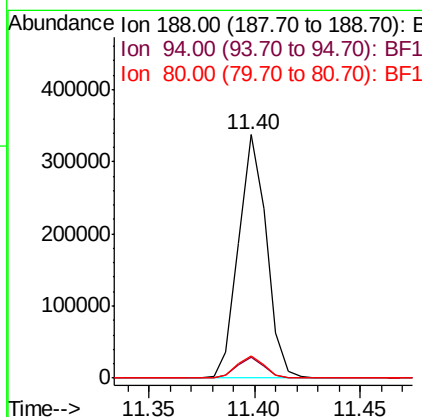
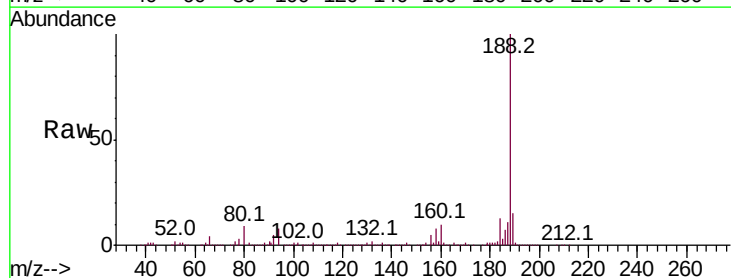
Instrument :
 BNA_F
 ClientSampleId :

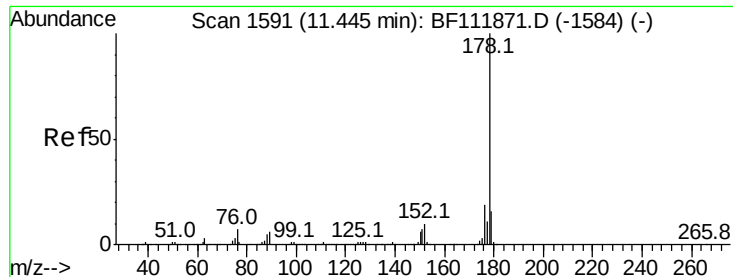
Tot Ion:166 Resp: 219044
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.7 119.5
 167 13.9 11.1 16.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF112024.D
 Acq: 11 Jan 2019 19:17

Tgt Ion:188 Resp: 307812
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.6 10.0
 80 9.0 7.7 11.5

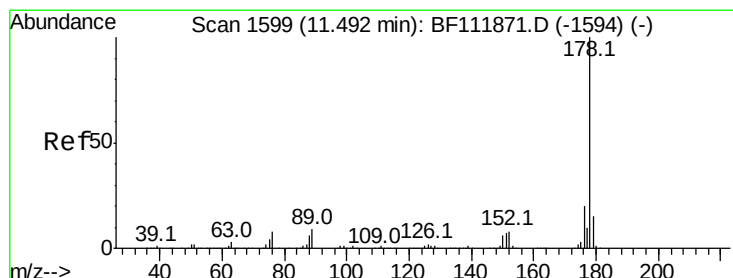
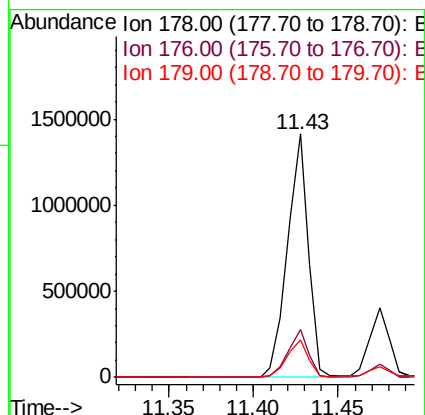
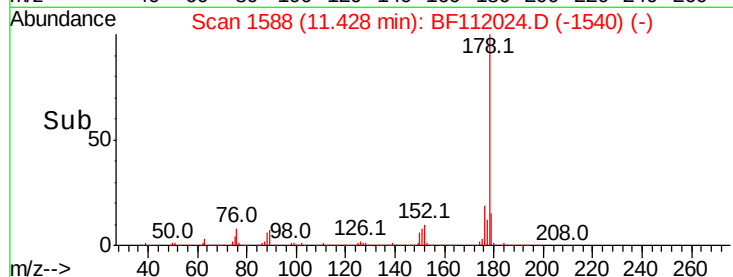
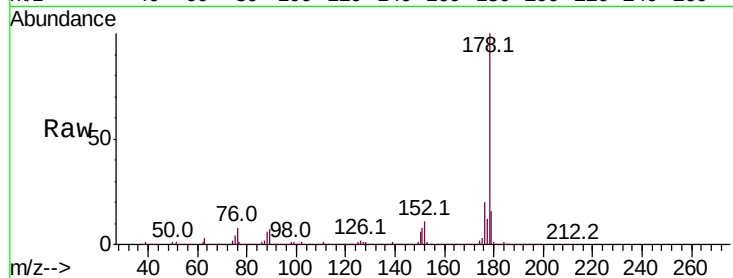




#71
Phenanthrene
Concen: 74.376 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

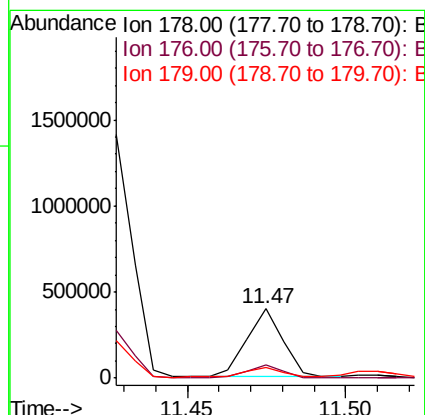
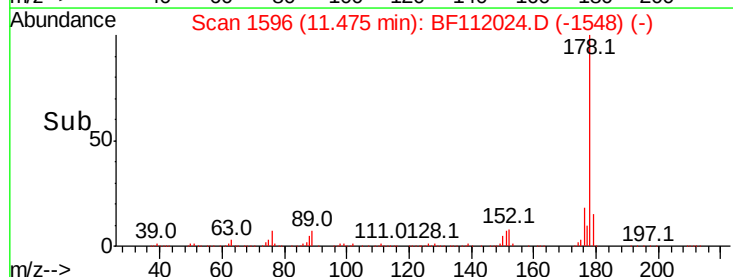
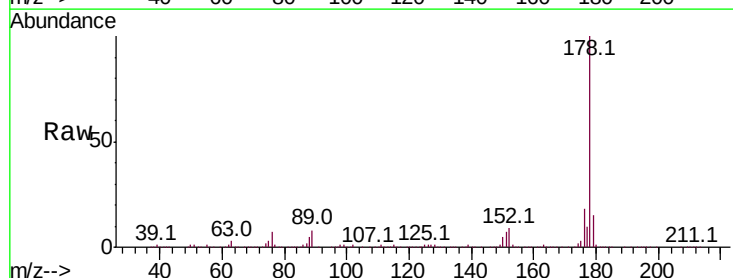
Instrument :
BNA_F
ClientSampleId :

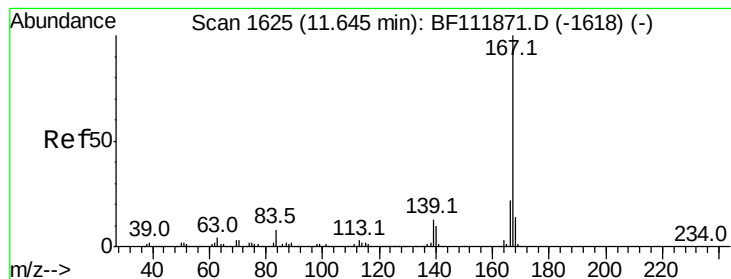
Tot Ion:178 Resp: 1224010
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.6 18.8



#72
Anthracene
Concen: 18.514 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion:178 Resp: 309292
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.4 12.4 18.6





#73

Carbazole

Concen: 2.158 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampled :

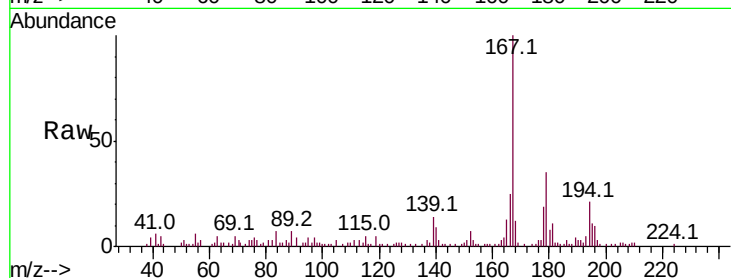
Tot Ion:167 Resp: 35069

Ion Ratio Lower Upper

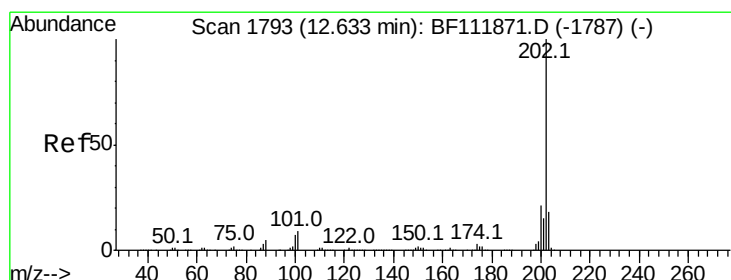
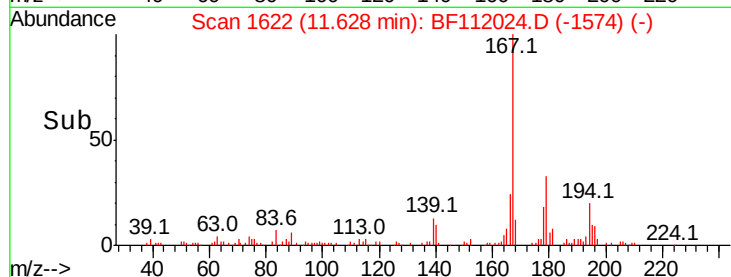
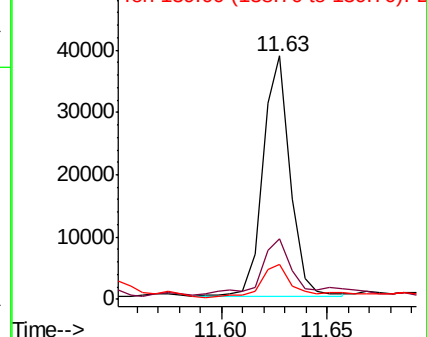
167 100

166 24.9 17.8 26.6

139 14.2 10.6 16.0



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: 59.660 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

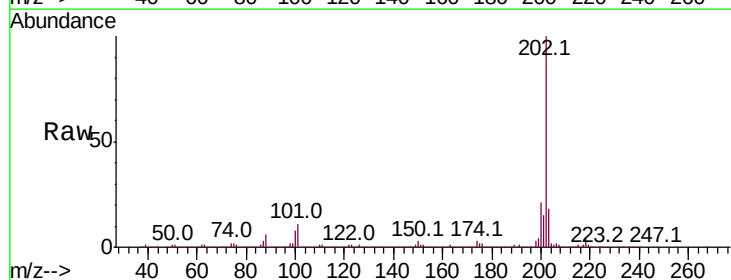
Tgt Ion:202 Resp: 1007936

Ion Ratio Lower Upper

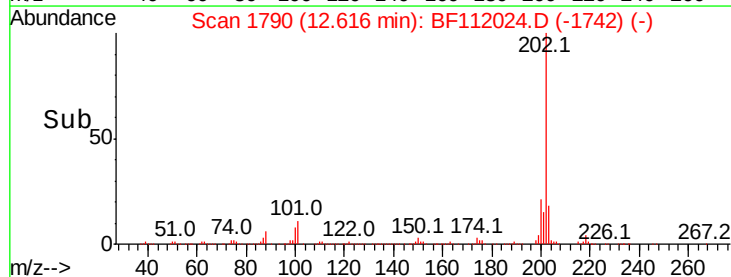
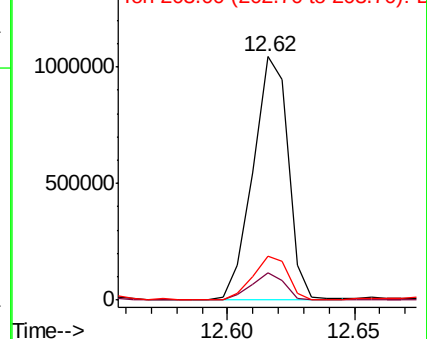
202 100

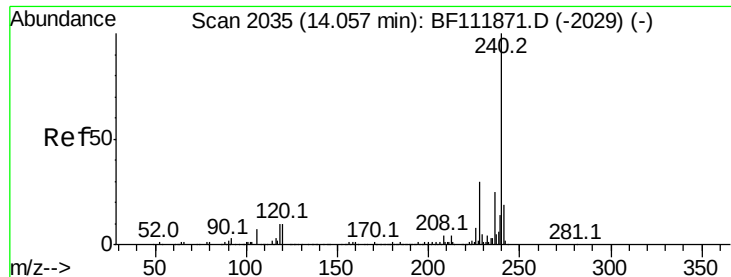
101 11.4 0.0 29.3

203 17.8 0.0 37.6



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: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

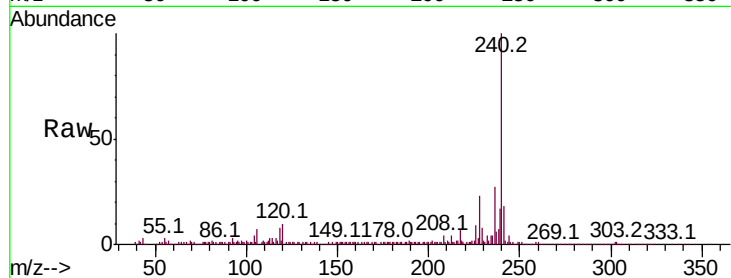
Tot Ion:240 Resp: 269677

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

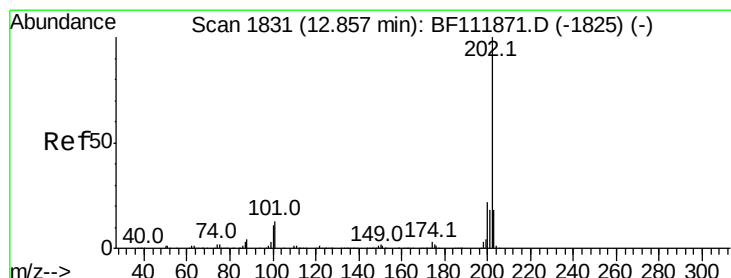
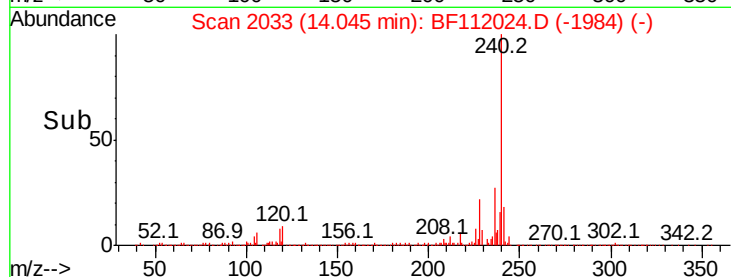
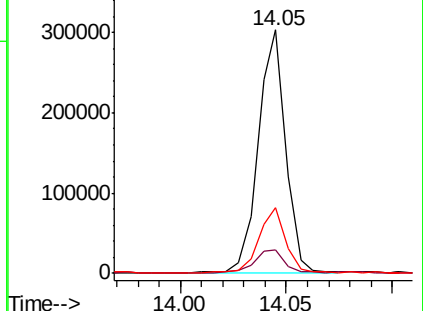
236 26.7 20.2 30.4



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

Pyrene

Concen: 60.182 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

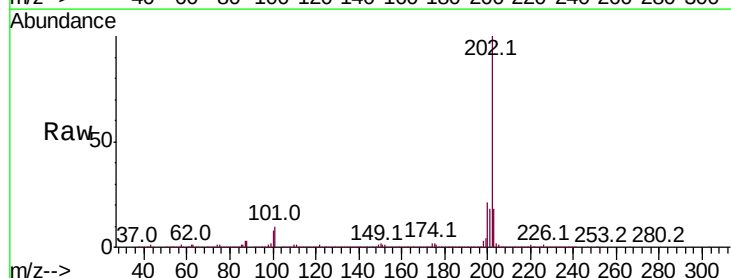
Tgt Ion:202 Resp: 1116713

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

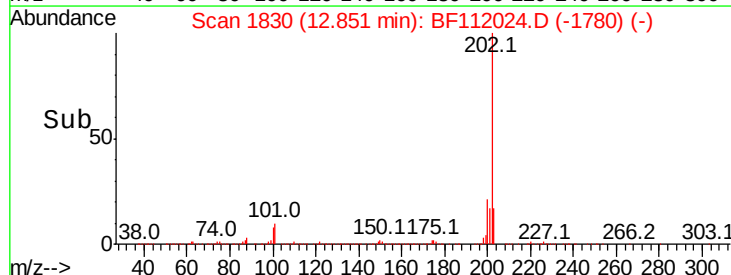
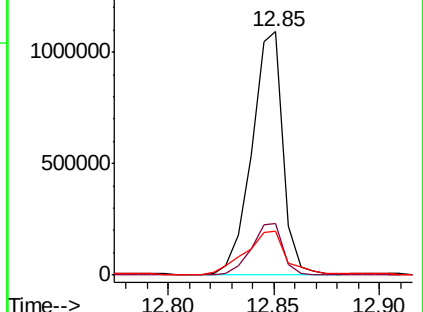
203 18.2 14.6 21.8

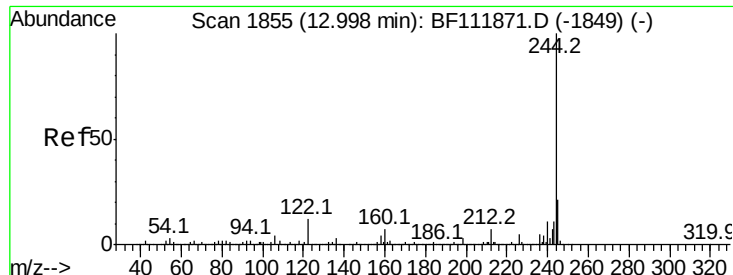


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 30.400 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF112024.D

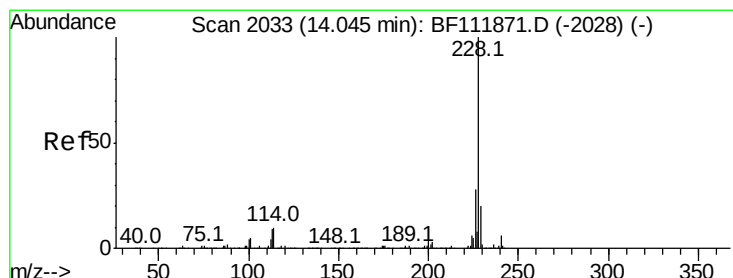
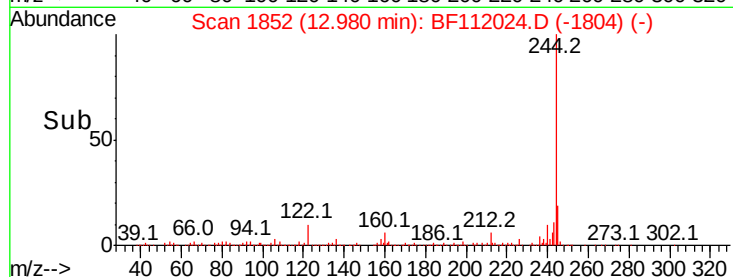
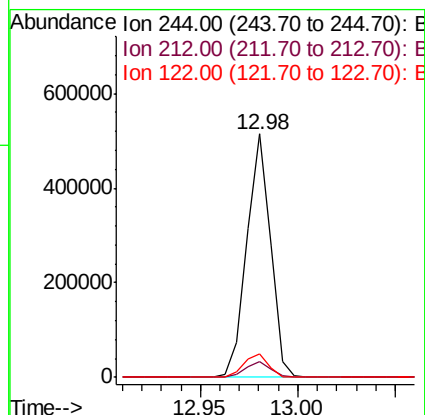
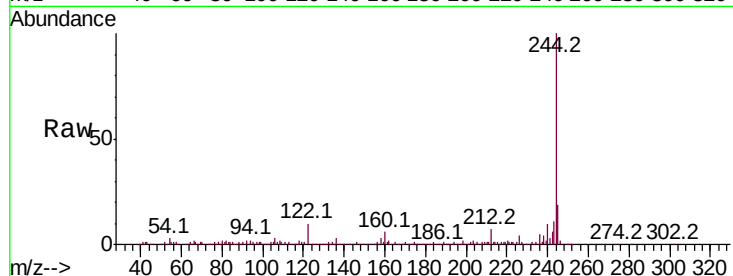
Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	244	Resp:	431887
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.6	9.5	14.3



#81

Benzo(a)anthracene

Concen: 27.969 ng

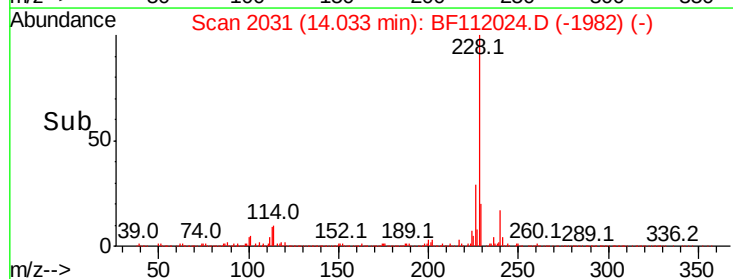
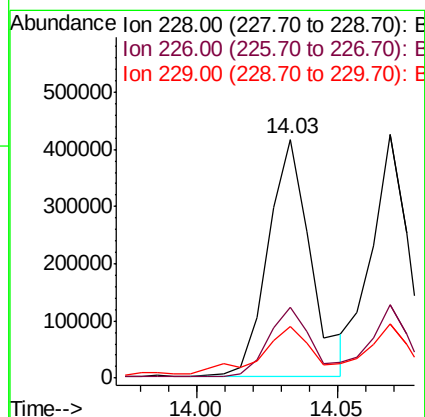
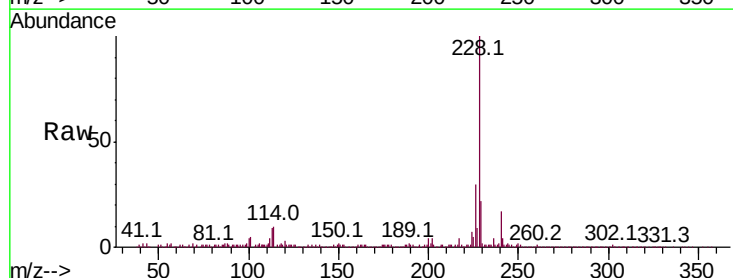
RT: 14.03 min Scan# 2031

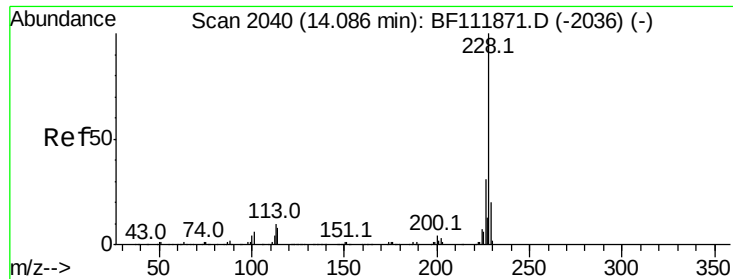
Delta R.T. -0.01 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	228	Resp:	434088
Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.2	33.2
229	21.8	16.2	24.2





#83

Chrysene

Concen: 25.397 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

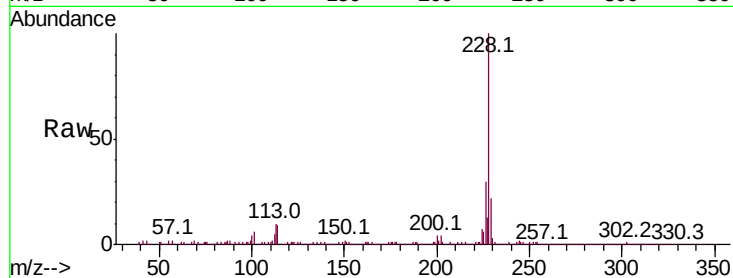
Tot Ion:228 Resp: 375832

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

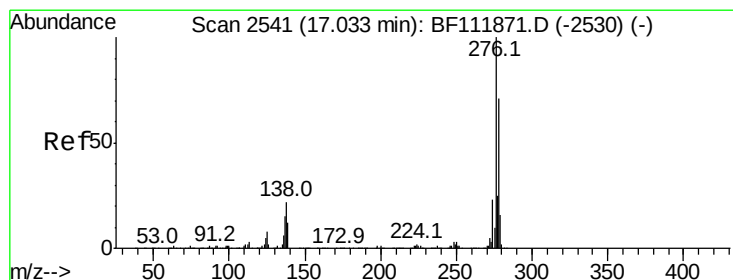
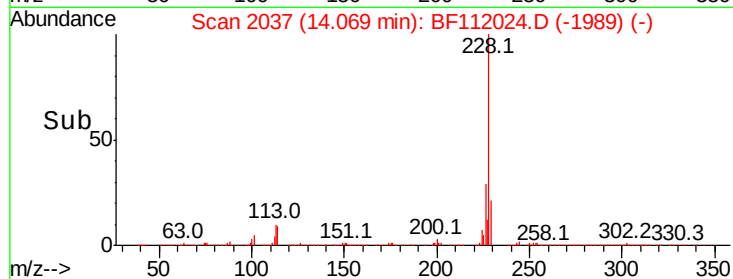
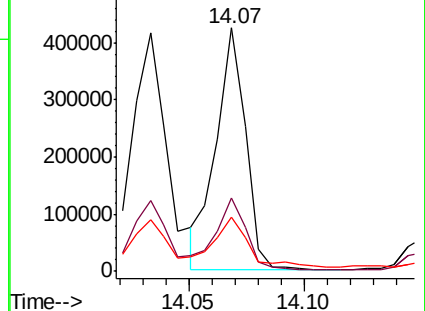
229 22.2 15.7 23.5



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 11.082 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

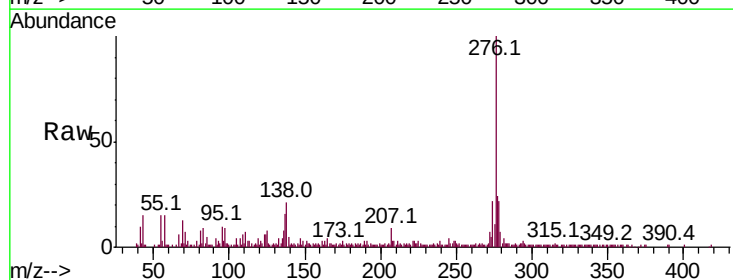
Tgt Ion:276 Resp: 119562

Ion Ratio Lower Upper

276 100

138 18.9 18.1 27.1

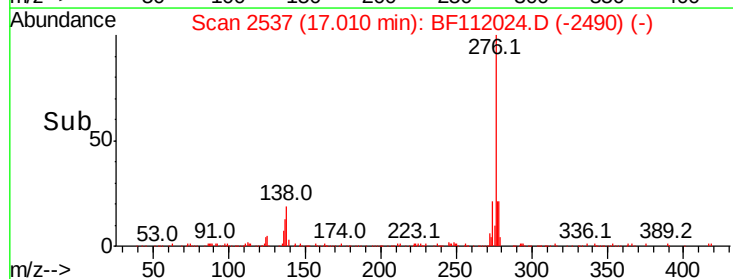
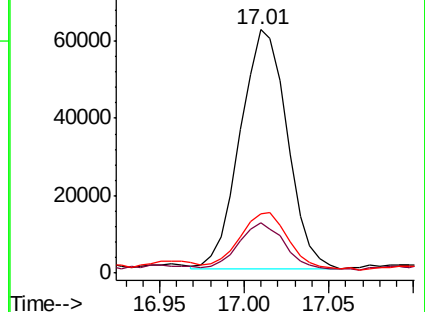
277 25.0 19.9 29.9

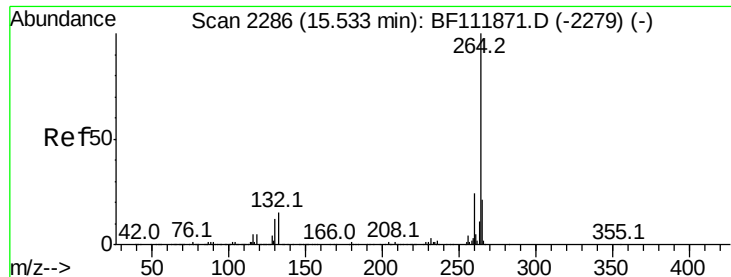


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2284

Delta R.T. -0.01 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

Instrument :

BNA_F

ClientSampleId :

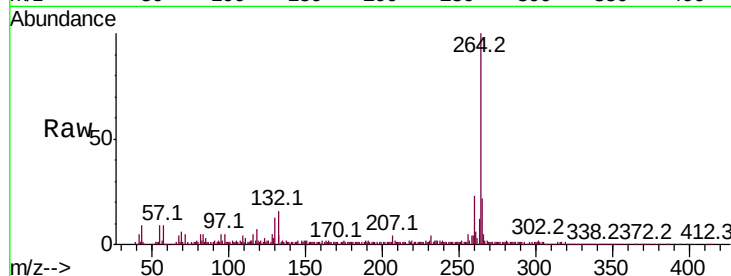
Tot Ion:264 Resp: 183839

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

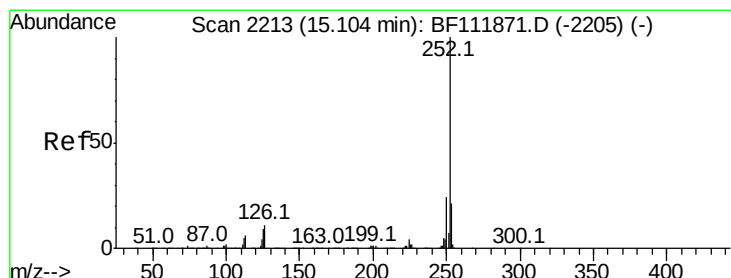
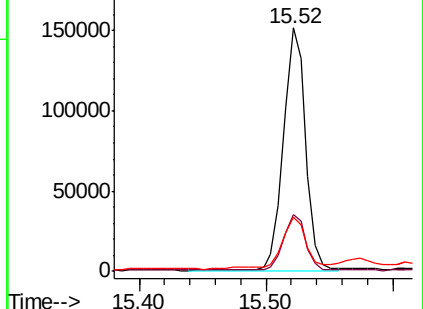
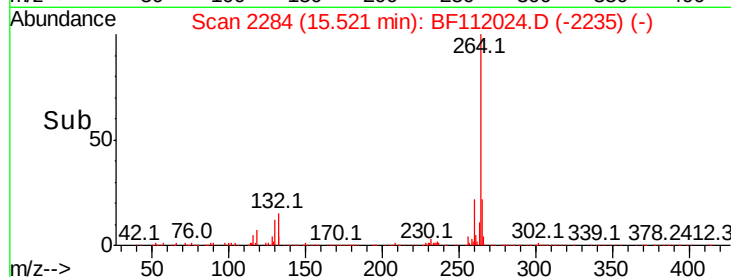
265 22.5 17.1 25.7



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: 35.474 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF112024.D

Acq: 11 Jan 2019 19:17

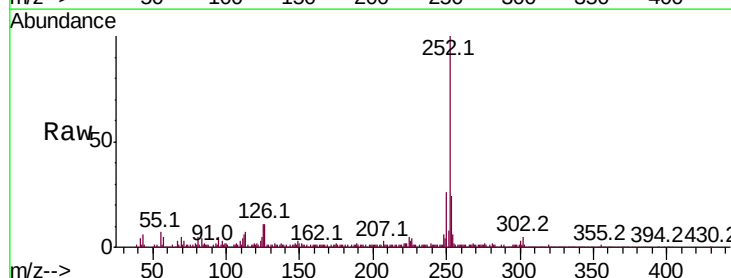
Tgt Ion:252 Resp: 390116

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

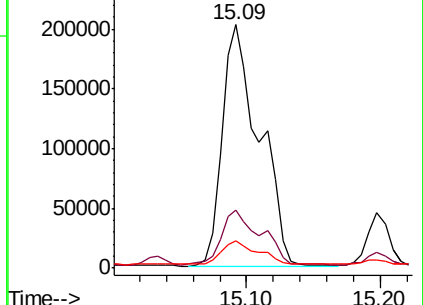
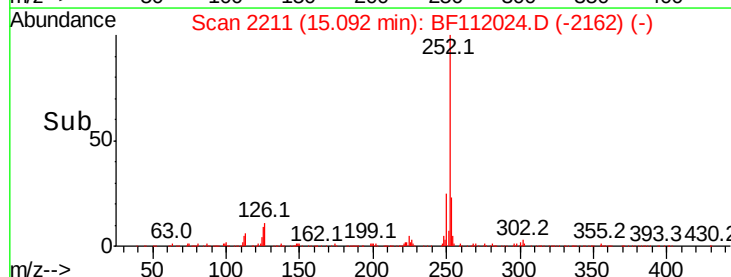
125 11.2 7.1 10.7#

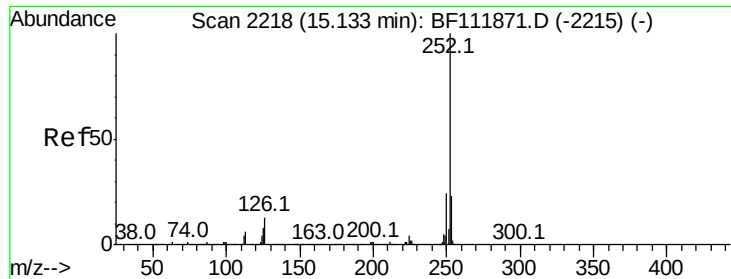


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

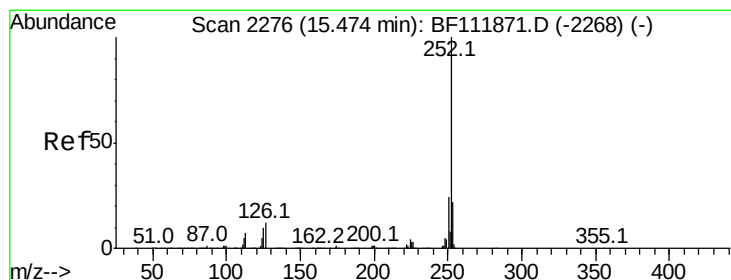
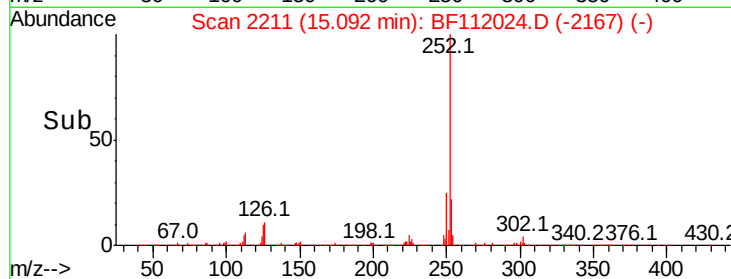
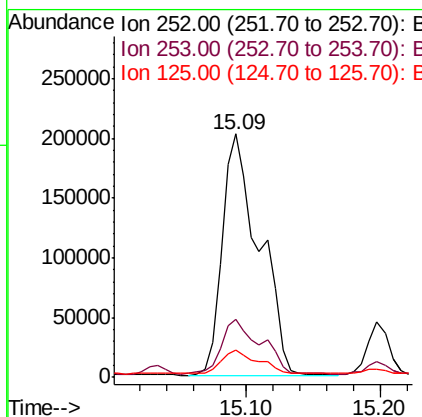
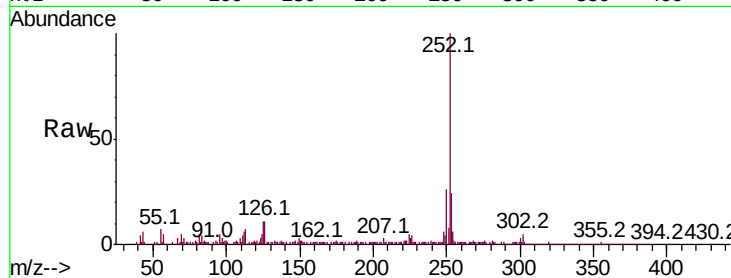




#89
Benzo(k)fluoranthene
Concen: 37.739 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

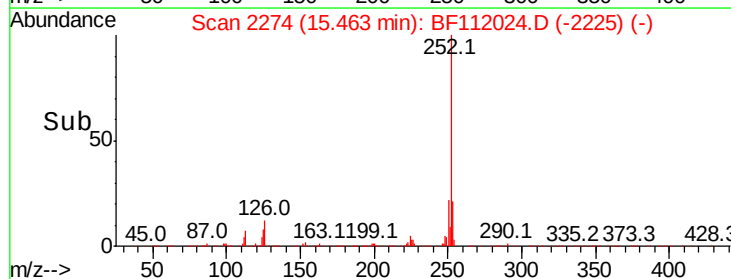
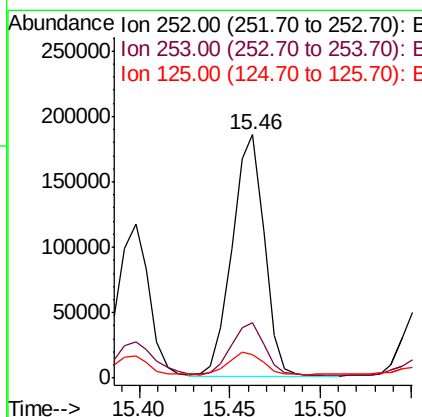
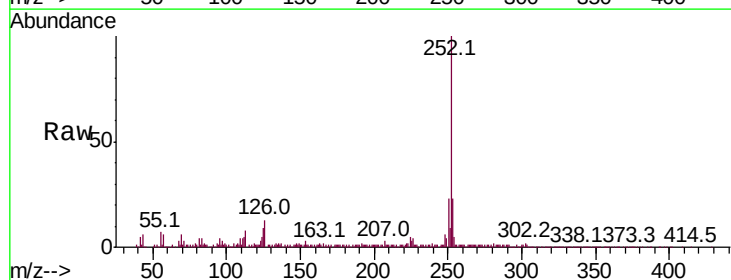
Instrument :
BNA_F
ClientSampleId :

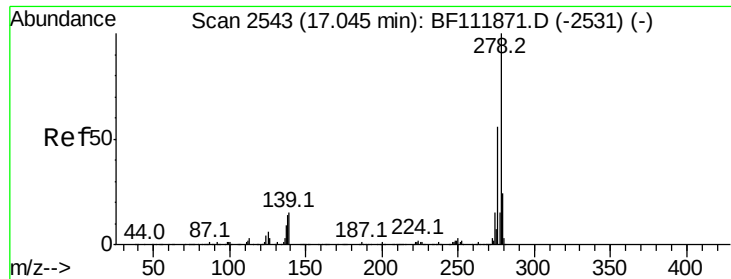
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	11.2	7.0	10.4



#90
Benzo(a)pyrene
Concen: 23.488 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	9.5	7.9	11.9

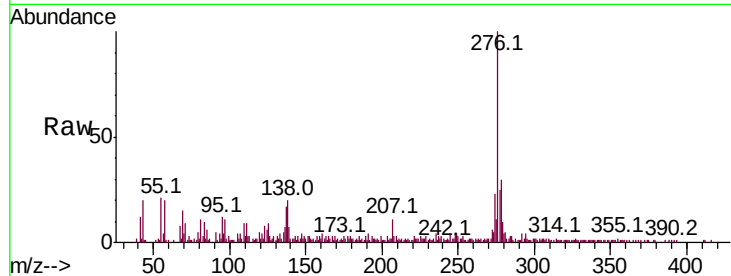




#91
Dibenzo(a,h)anthracene
Concen: 3.931 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.2	11.8	17.6#
279	33.7	19.4	29.2#

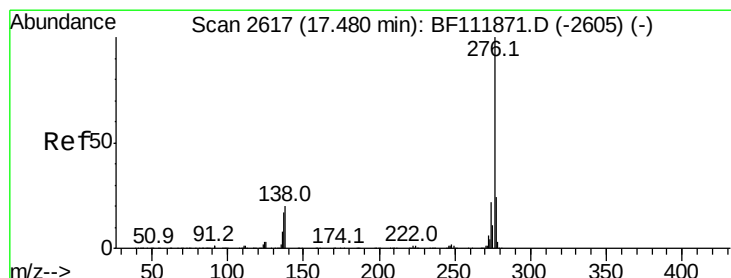
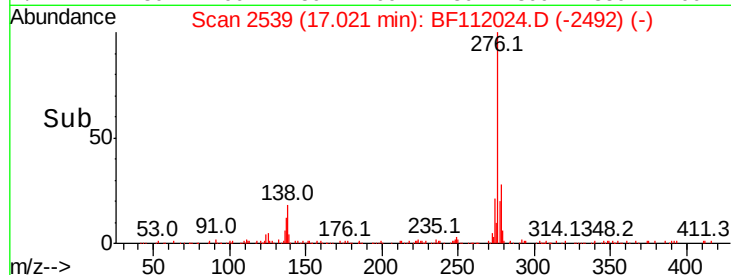
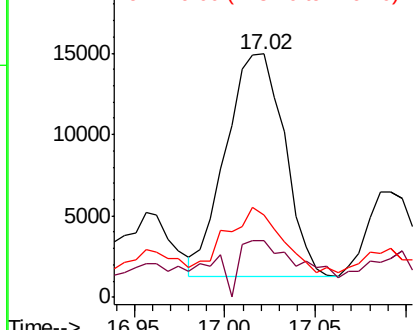


Abundance

Ion 278.00 (277.70 to 278.70): E

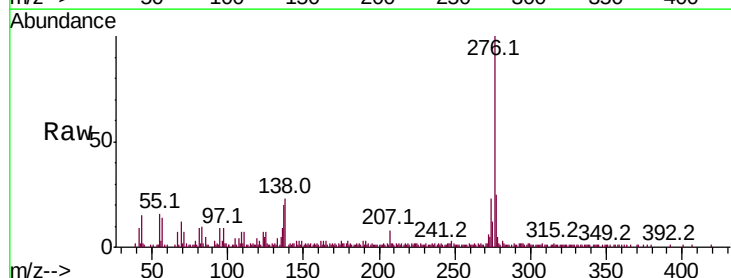
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 16.246 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BF112024.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.0	28.6
138	22.6	16.2	24.2



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

