

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111162.D
 Acq On : 7 Dec 2018 2:17
 Operator : JU/SJ
 Sample : J6214-17 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 07:32:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	519044	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2012737	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	845053	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1160600	20.00	ng	0.00
76) Chrysene-d12	13.97	240	876584	20.00	ng	0.02
87) Perylene-d12	15.40	264	731552	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	342077	10.28	ng	0.00
7) Phenol-d6	6.42	99	441737	10.31	ng	-0.01
23) Nitrobenzene-d5	7.36	82	248770	7.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	55359	8.24	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	426210	-6.06	ng	0.00
79) Terphenyl-d14	12.91	244	271146	6.33	ng	0.00

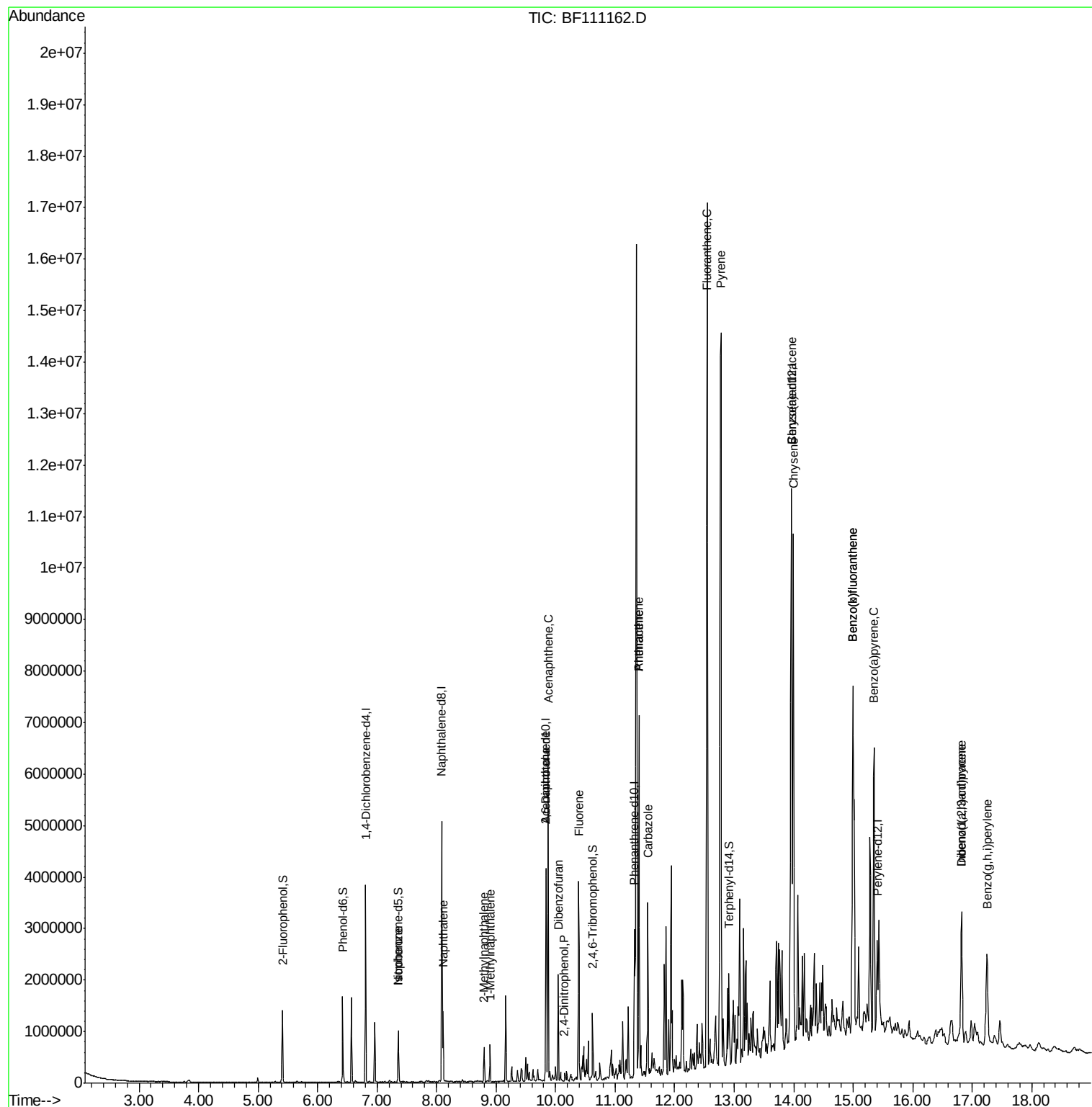
Target Compounds				Qvalue		
9) Benzaldehyde	6.34	77	3092	Below Cal	#	1
25) Isophorone	7.36	82	246127	3.945	ng	65
31) Naphthalene	8.11	128	523941	5.979	ng	94
37) 2-Methylnaphthalene	8.80	142	159162	2.633	ng	98
38) 1-Methylnaphthalene	8.90	142	163977	2.822	ng	96
51) 2,6-Dinitrotoluene	9.84	165	116352	9.331	ng	# 26
52) Acenaphthene	9.87	154	1213177	24.439	ng	99
54) 2,4-Dinitrophenol	10.13	184	119	6.632	ng	# 1
55) Dibenzofuran	10.05	168	637217	9.320	ng	91
58) Fluorene	10.39	166	935674	19.406	ng	99
71) Phenanthrene	11.40	178	2424649	43.432	ng	97
72) Anthracene	11.40	178	2424649	43.087	ng	98
73) Carbazole	11.55	167	1171385	20.005	ng	96
75) Fluoranthene	12.55	202	7968961	145.876	ng	87
77) Benzidine	12.64	184	731	Below Cal	#	1
78) Pyrene	12.78	202	6925398	101.408	ng	91
81) Benzo(a)anthracene	13.96	228	4256695	82.881	ng	95
83) Chrysene	14.00	228	3614281	70.888	ng	96
86) Indeno(1,2,3-cd)pyrene	16.82	276	1570903	38.374	ng	# 92
88) Benzo(b)fluoranthene	15.00	252	5448070	131.428	ng	97
89) Benzo(k)fluoranthene	15.00	252	5448070	135.951	ng	97
90) Benzo(a)pyrene	15.35	252	2648416	69.654	ng	96
91) Dibenzo(a,h)anthracene	16.83	278	387054	12.130	ng	93
92) Benzo(g,h,i)perylene	17.25	276	1416694	44.183	ng	100

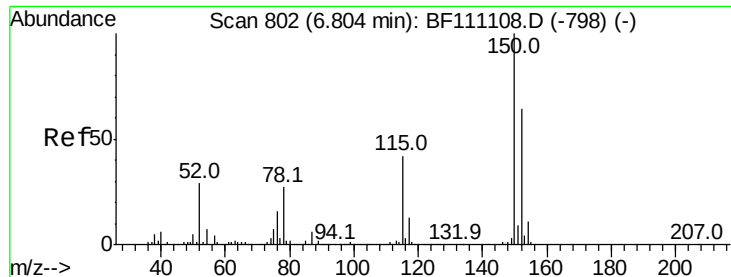
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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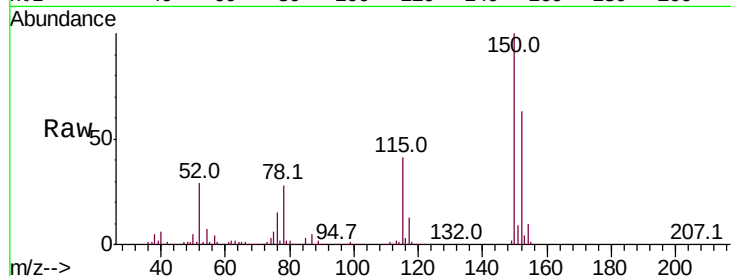


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	187.0
115	64.5	52.2	78.2

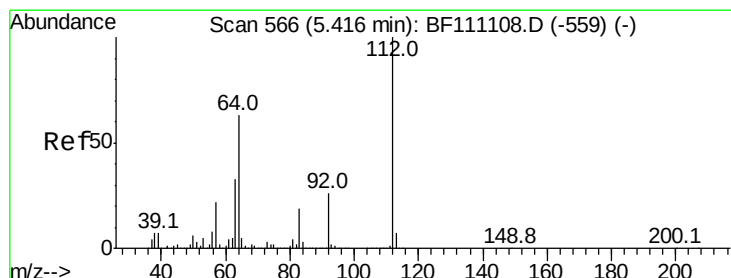
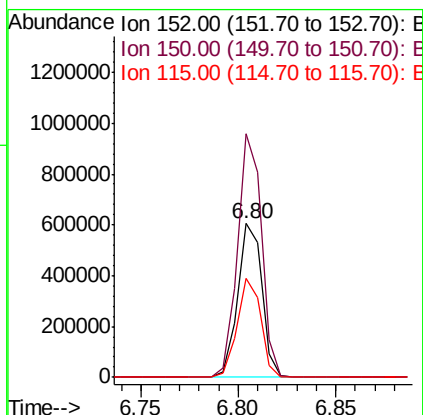
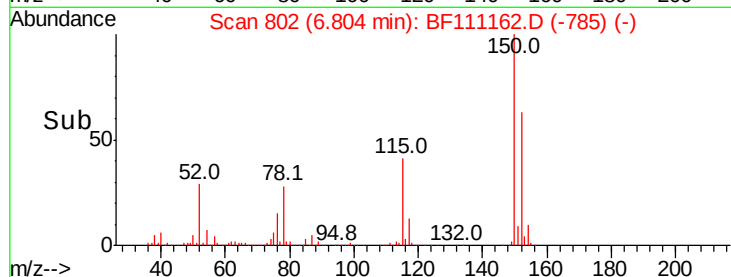


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

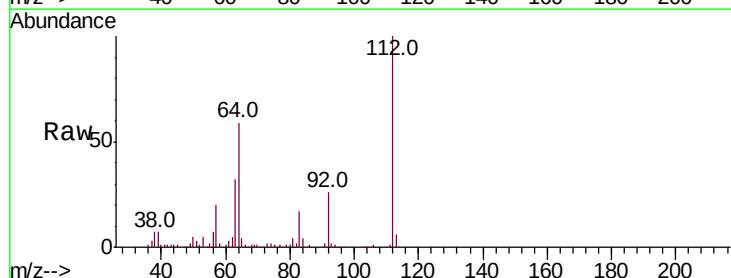
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.284 ng
RT: 5.41 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	50.2	75.4
63	32.1	26.6	39.8

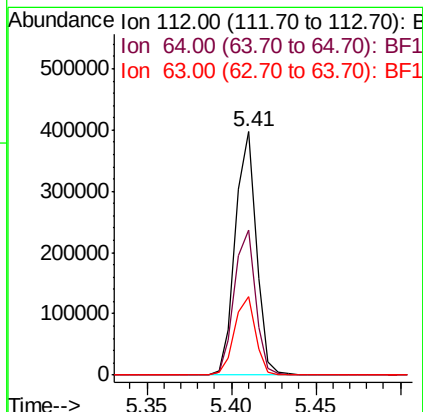
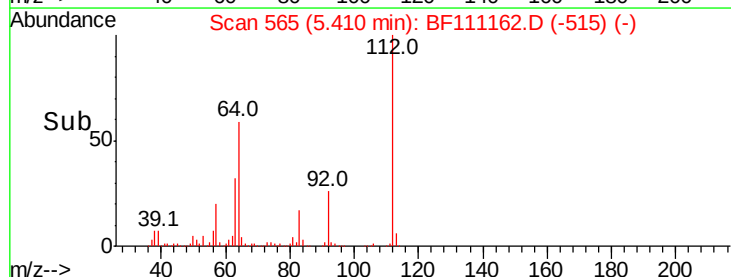


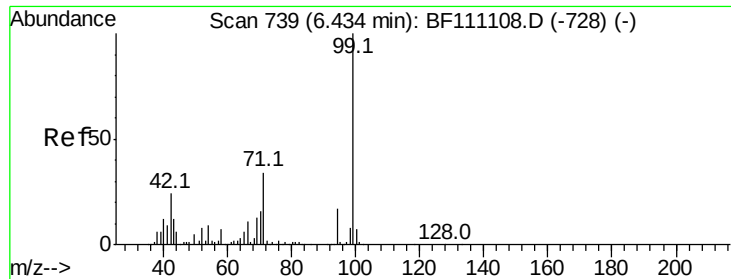
Abundance

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: 10.309 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

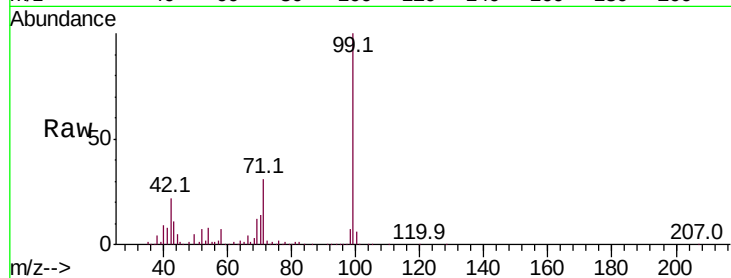
Tot Ion: 99 Resp: 441737

Ion Ratio Lower Upper

99 100

42 22.0 19.3 28.9

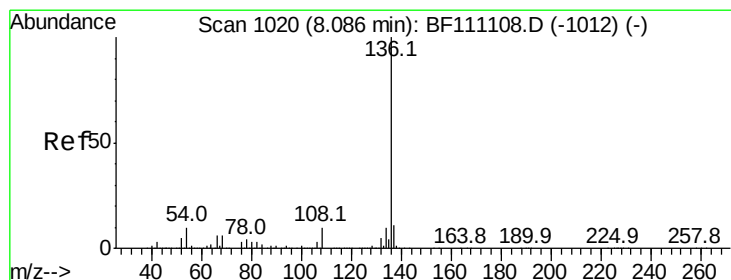
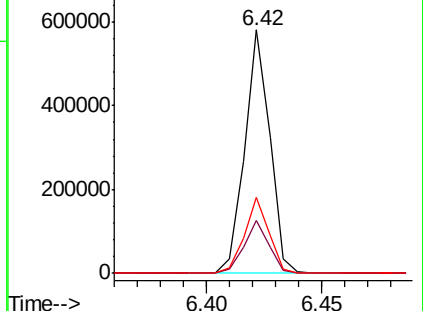
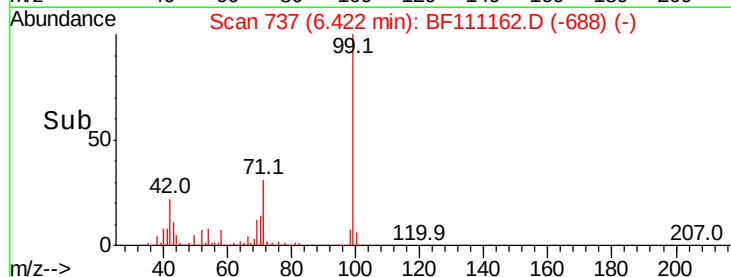
71 31.1 27.4 41.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Tgt Ion: 136 Resp: 2012737

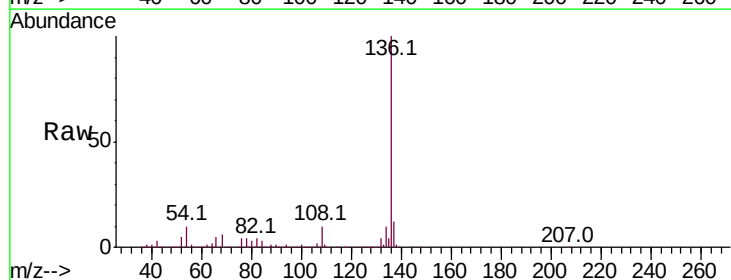
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 10.2 8.4 12.6

68 6.1 5.0 7.4

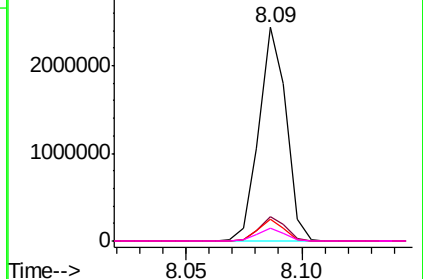
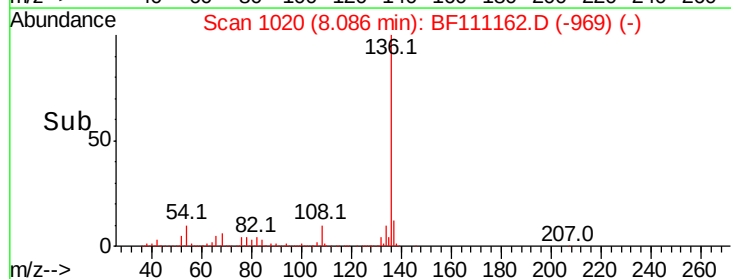


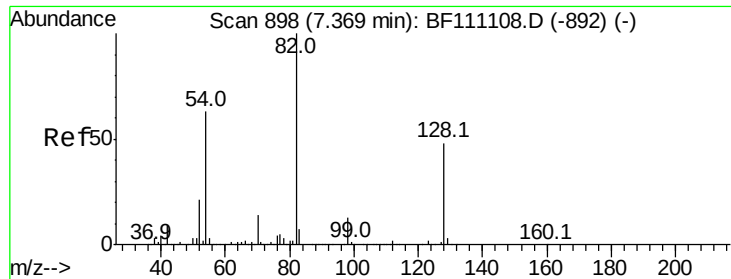
Abundance Ion 136.00 (135.70 to 136.70): E

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

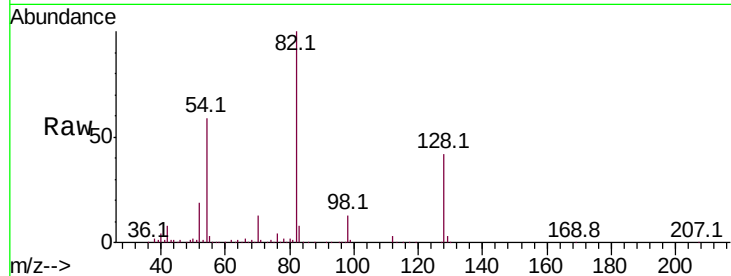




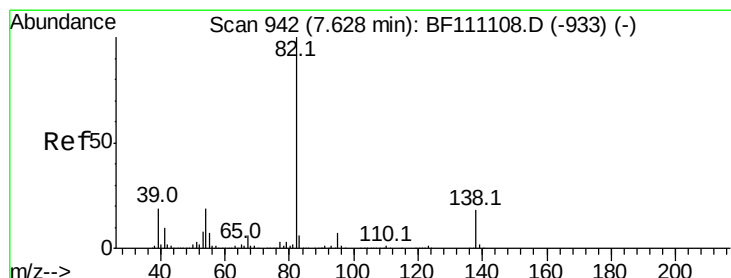
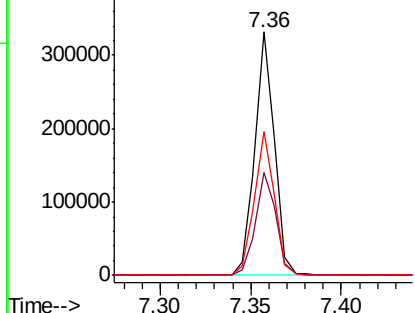
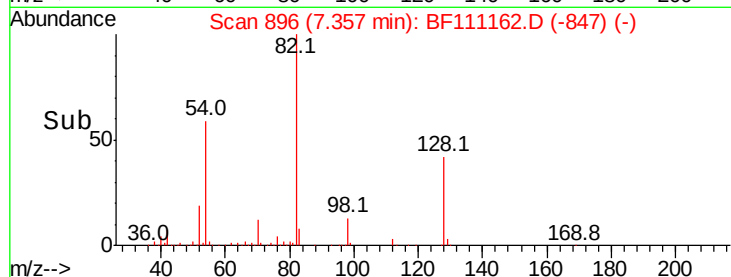
#23
Nitrobenzene-d5
Concen: 7.317 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	248770
Ion Ratio	Lower	Upper	
82	100		
128	42.1	38.1	57.1
54	58.8	50.3	75.5

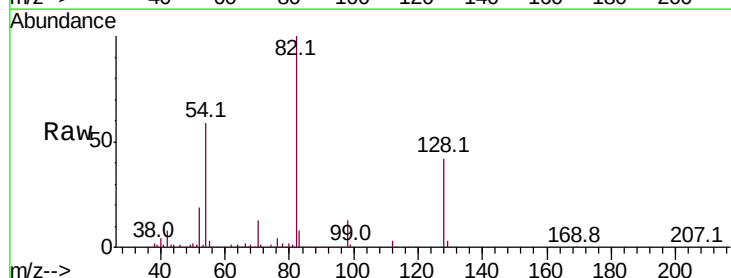


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

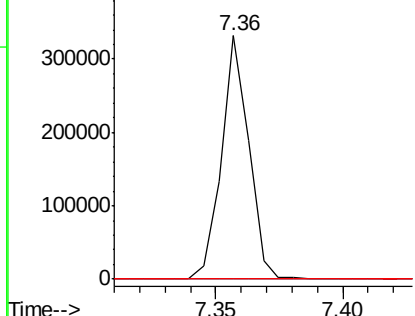
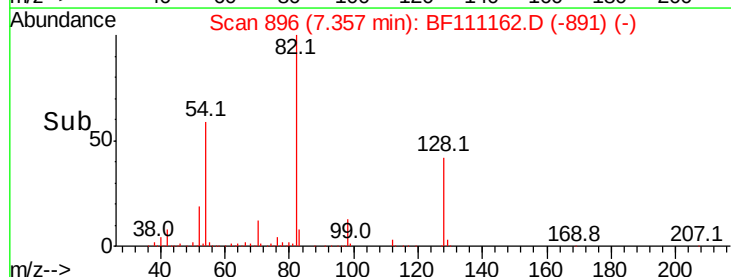


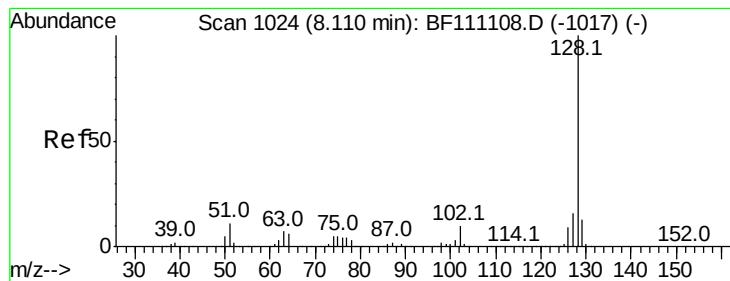
#25
Isophorone
Concen: 3.945 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion	82	Resp	246127
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.6	8.4#
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: 5.979 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

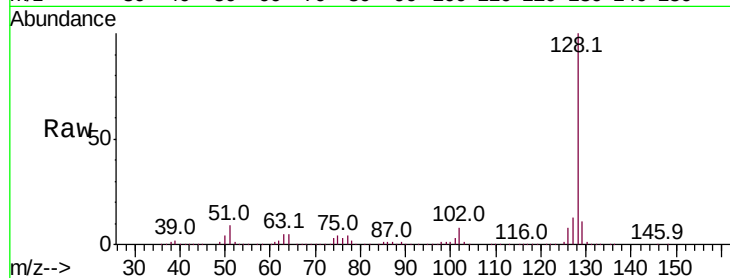
Tot Ion:128 Resp: 523941

Ion Ratio Lower Upper

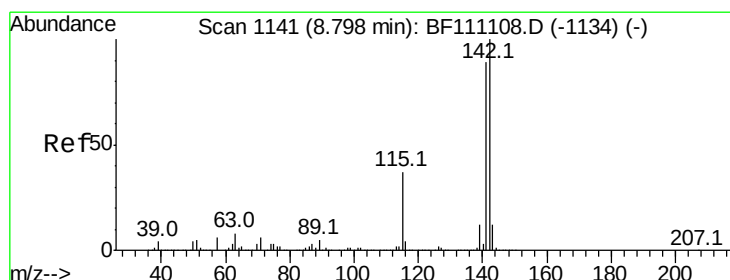
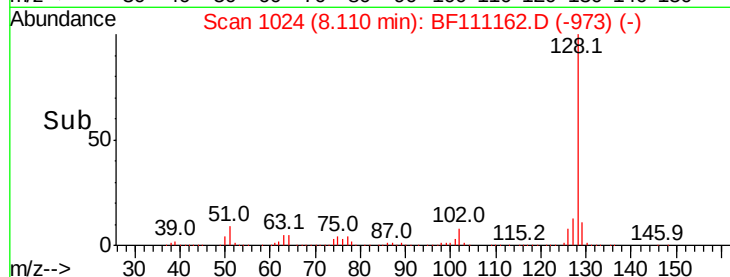
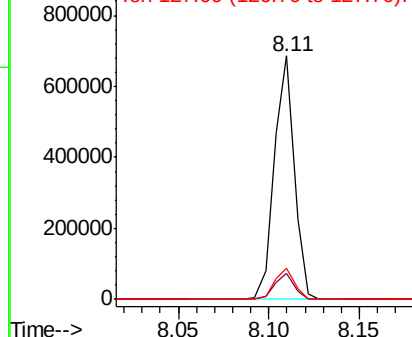
128 100

129 10.9 10.5 15.7

127 12.7 12.5 18.7



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: 2.633 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

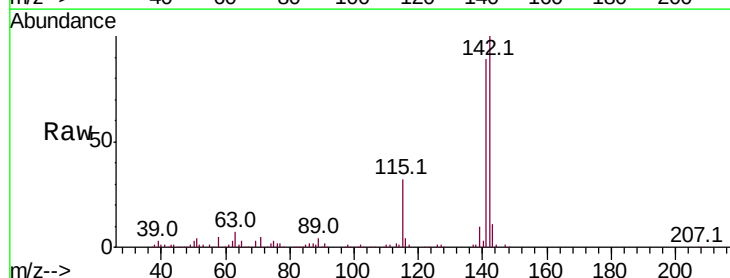
Tgt Ion:142 Resp: 159162

Ion Ratio Lower Upper

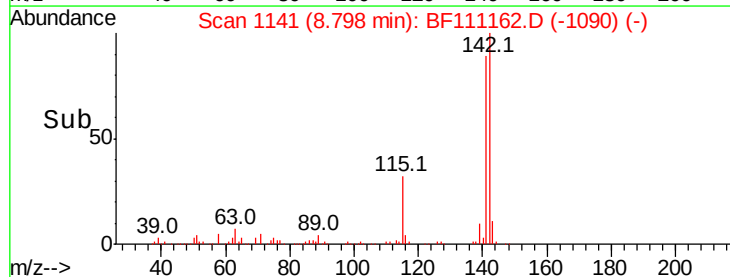
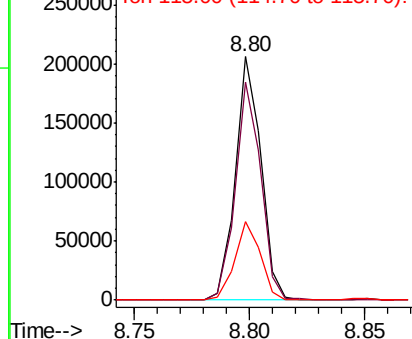
142 100

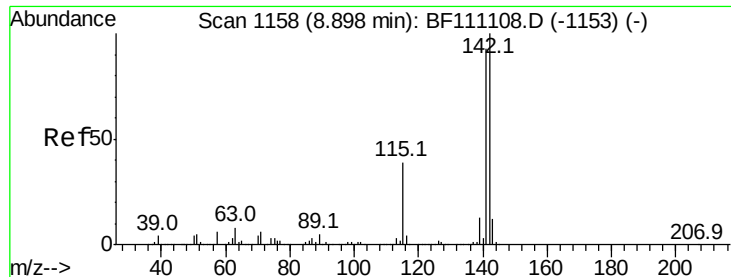
141 89.4 71.4 107.0

115 32.3 29.2 43.8



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

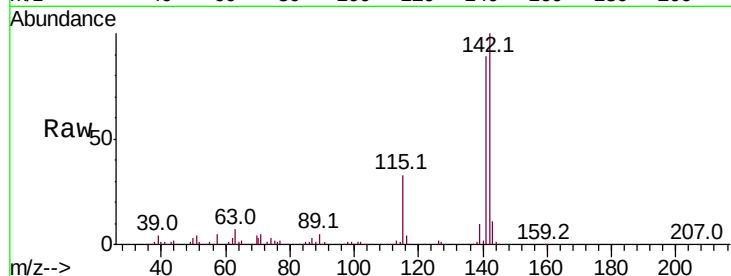




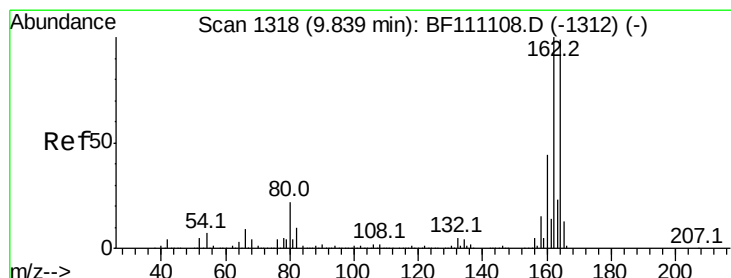
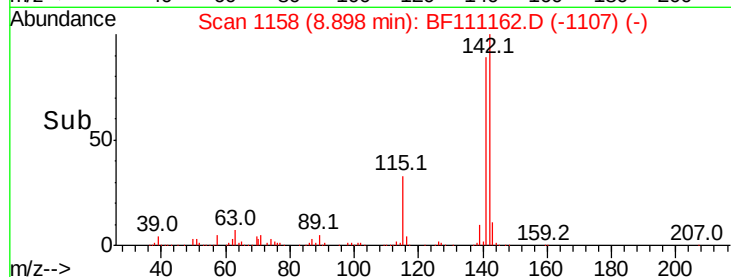
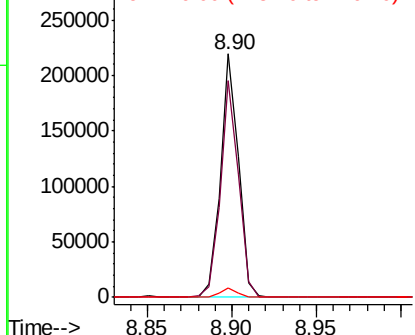
#38
1-Methylnaphthalene
Concen: 2.822 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.5	111.7
116	3.6	3.2	4.8

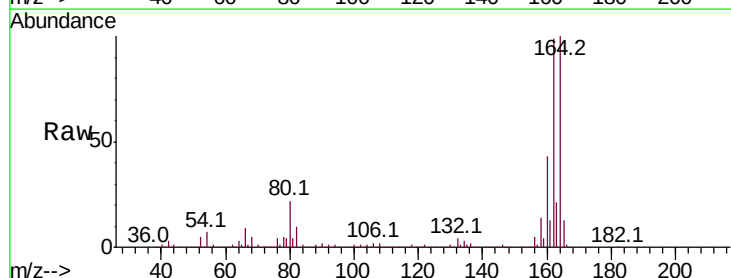


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

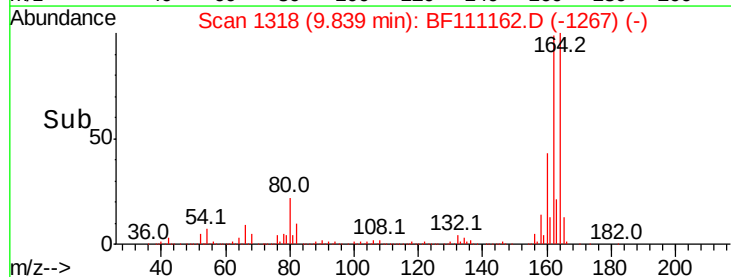
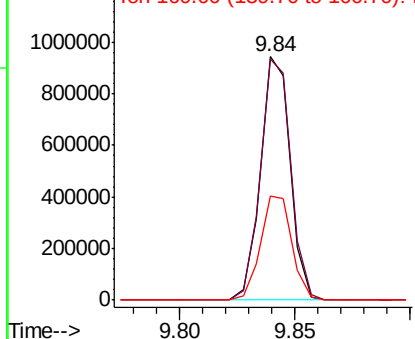


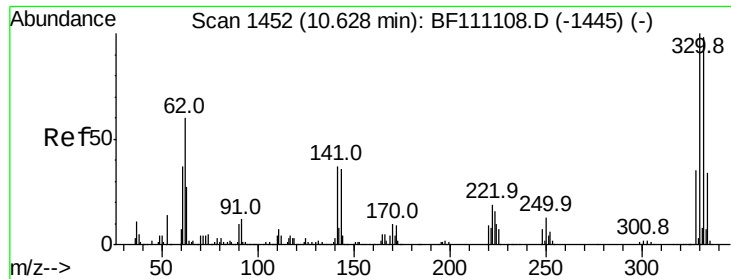
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.6	120.8
160	42.7	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: 8.241 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

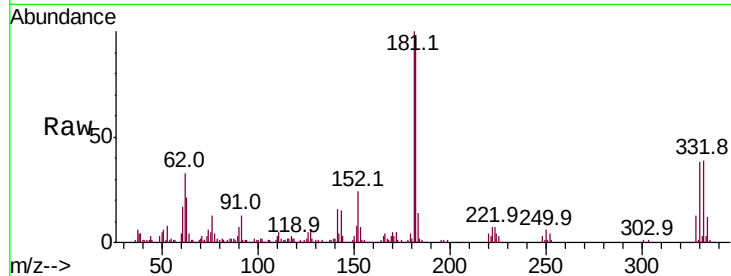
Tot Ion:330 Resp: 55359

Ion Ratio Lower Upper

330 100

332 100.0 77.2 115.8

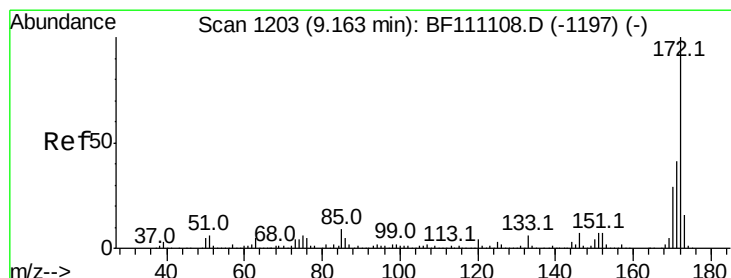
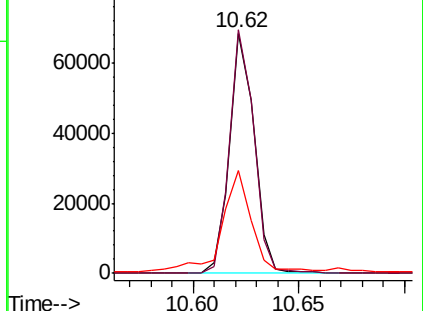
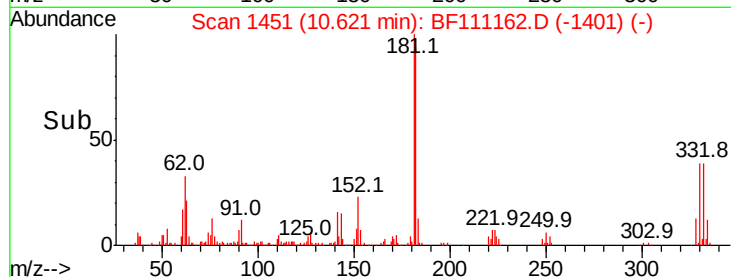
141 49.4 36.1 54.1



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: -6.064 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

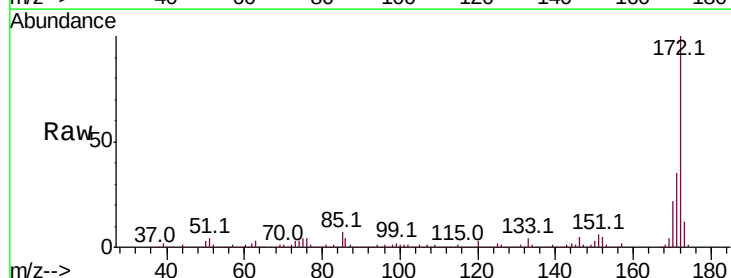
Tgt Ion:172 Resp: 426210

Ion Ratio Lower Upper

172 100

171 34.8 33.2 49.8

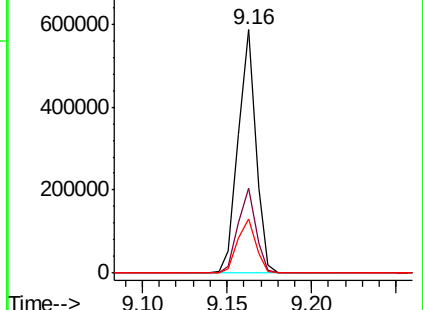
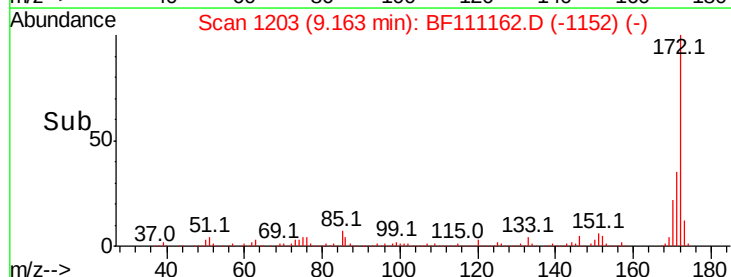
170 22.2 22.9 34.3#

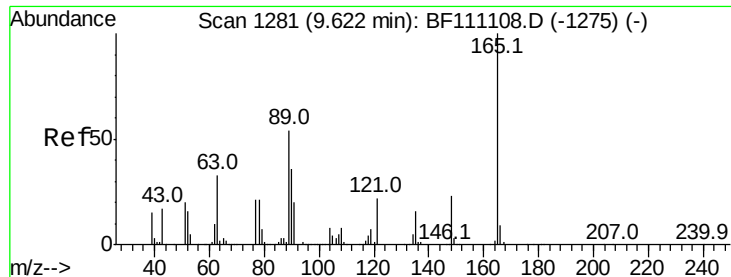


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 9.331 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.22 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

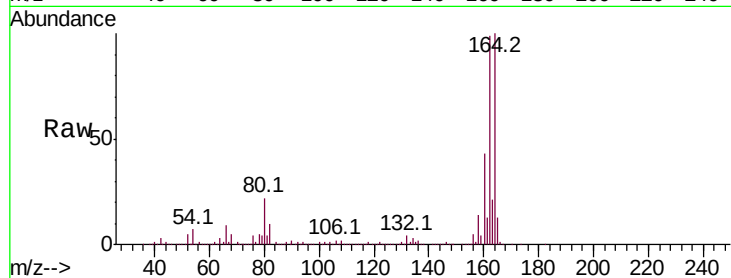
Tot Ion:165 Resp: 116352

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

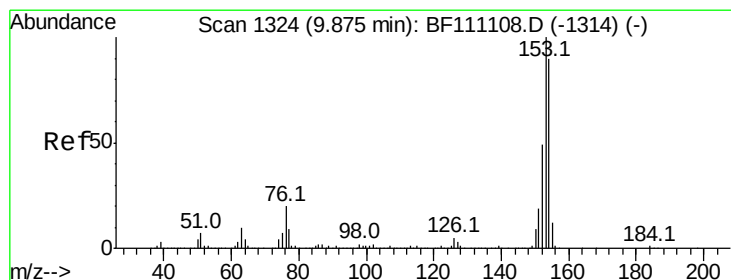
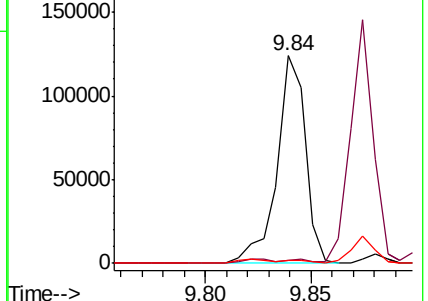
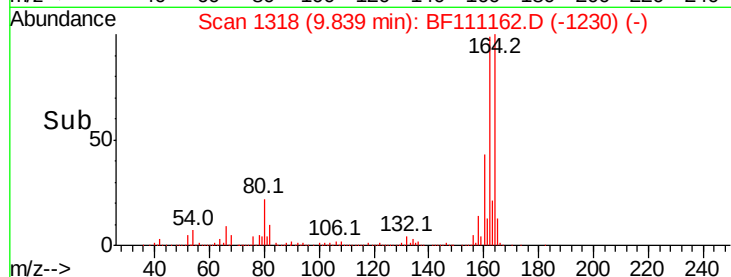
89 1.3 43.0 64.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 24.439 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

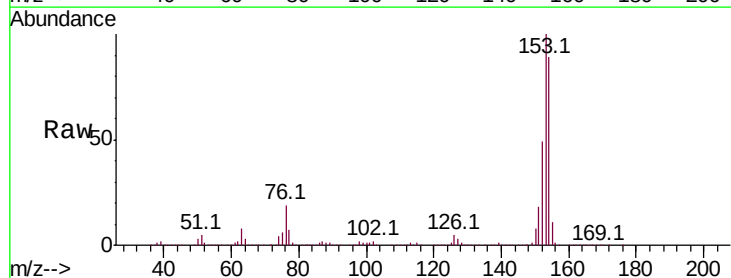
Tgt Ion:154 Resp: 1213177

Ion Ratio Lower Upper

154 100

153 112.0 88.7 133.1

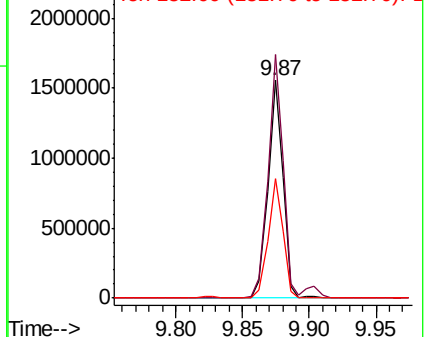
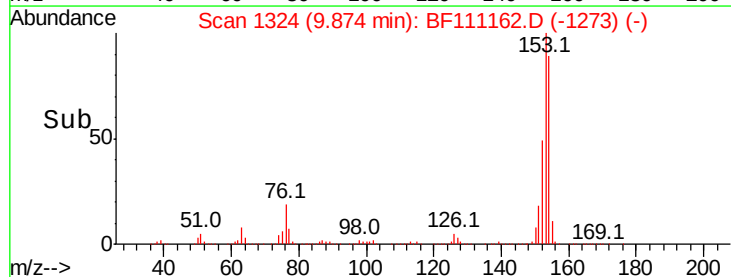
152 54.9 43.8 65.8

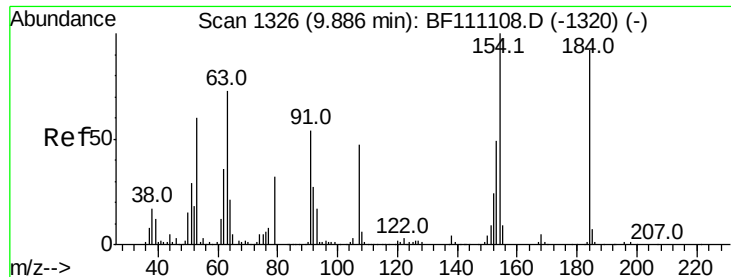


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

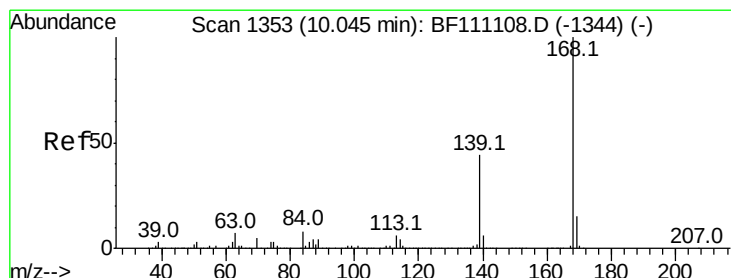
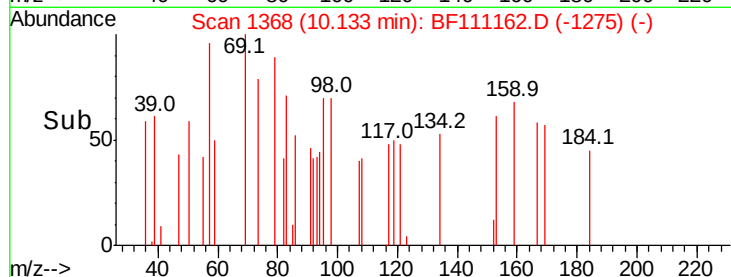
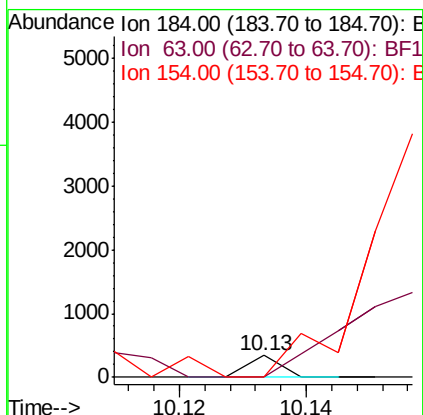
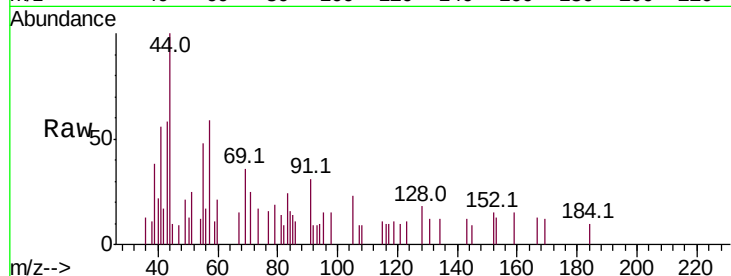




#54
2,4-Dinitrophenol
Concen: 6.632 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.25 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

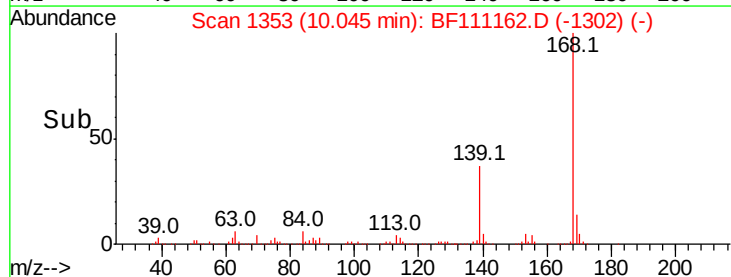
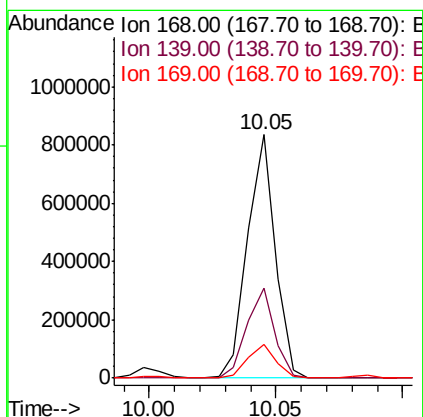
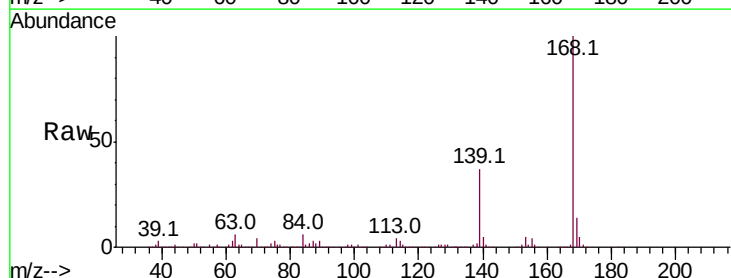
Instrument :
BNA_F
ClientSampleId :

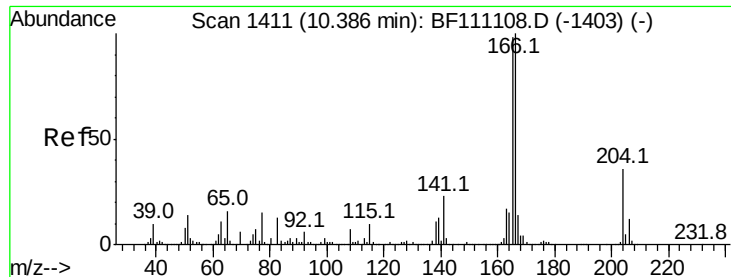
Tot Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 0.0 64.2 96.4#
154 0.0 89.5 134.3#



#55
Dibenzofuran
Concen: 9.320 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion:168 Resp: 637217
Ion Ratio Lower Upper
168 100
139 37.1 35.1 52.7
169 14.0 12.2 18.4





#58

Fluorene

Concen: 19.406 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

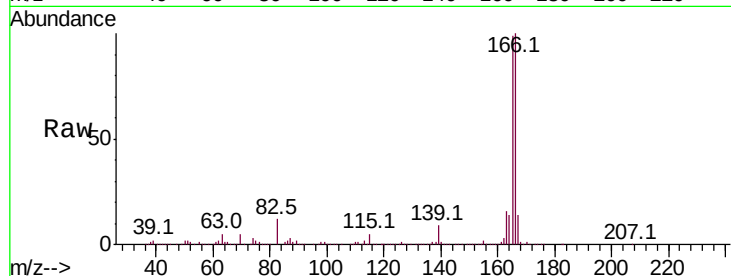
Tot Ion:166 Resp: 935674

Ion Ratio Lower Upper

166 100

165 98.6 78.4 117.6

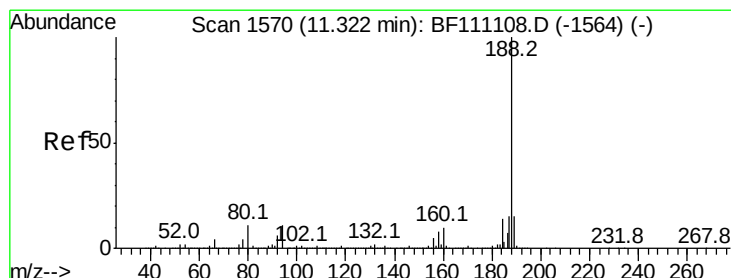
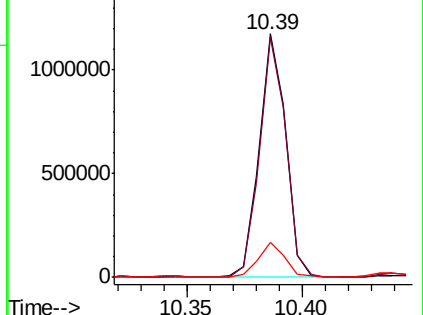
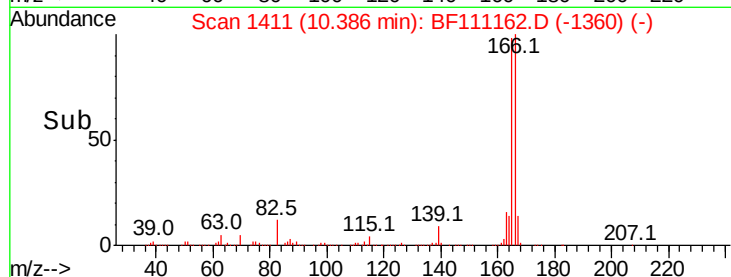
167 14.2 11.4 17.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

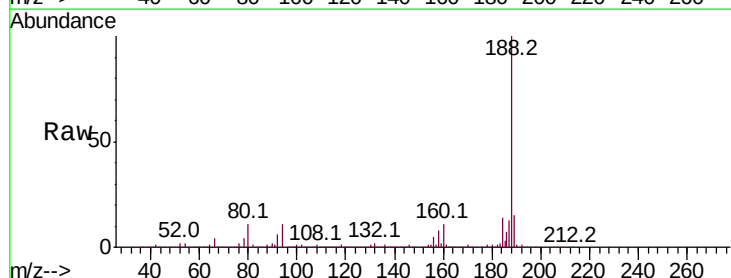
Tgt Ion:188 Resp: 1160600

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

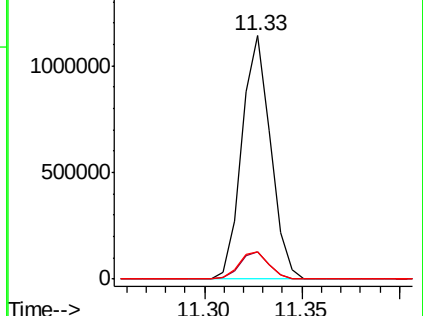
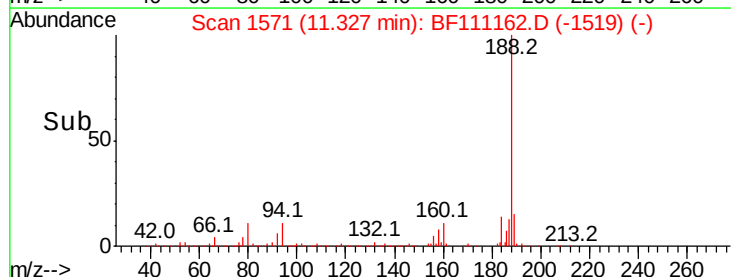
80 11.5 9.0 13.6

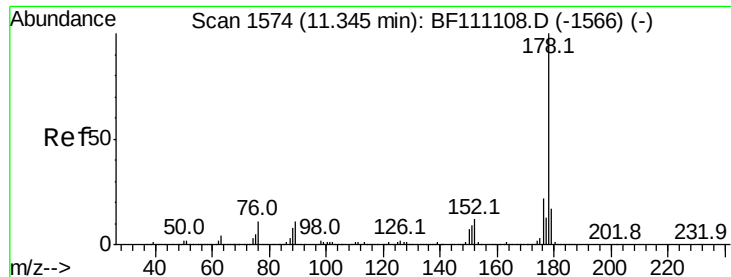


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 43.432 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.06 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

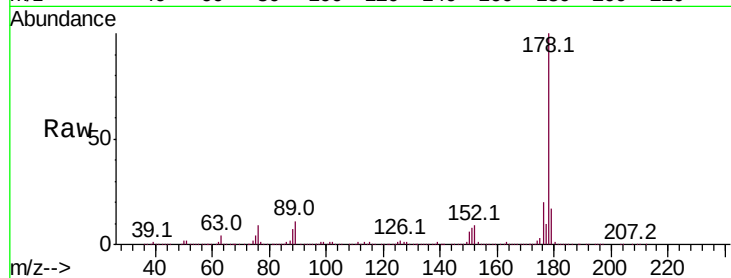
Tot Ion:178 Resp: 2424649

Ion Ratio Lower Upper

178 100

176 20.3 17.7 26.5

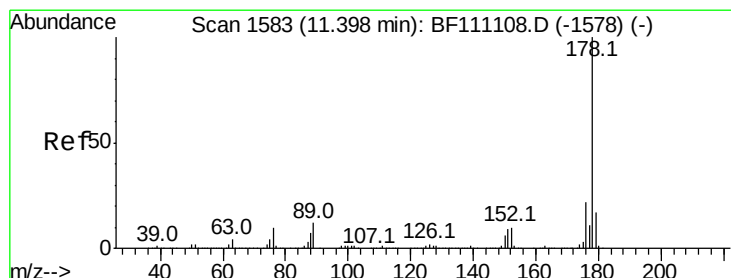
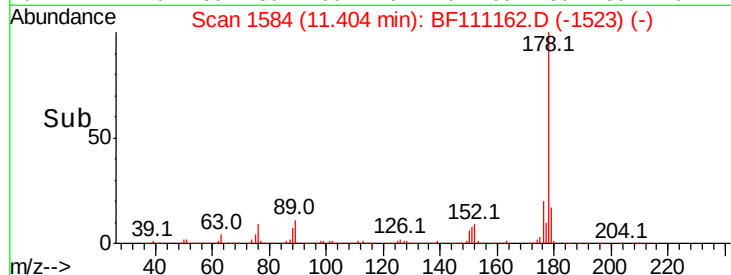
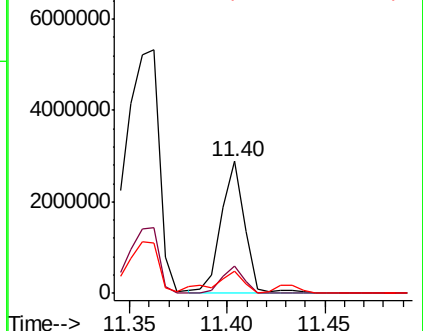
179 16.7 14.0 21.0



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: 43.087 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

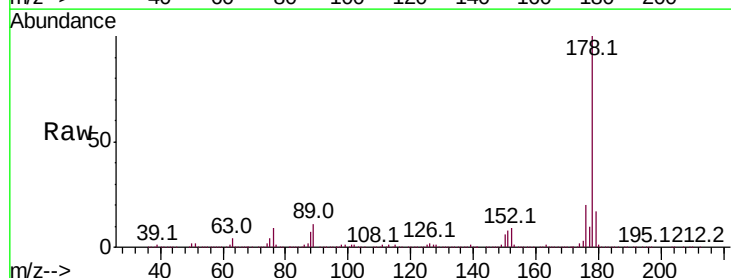
Tgt Ion:178 Resp: 2424649

Ion Ratio Lower Upper

178 100

176 20.3 17.3 25.9

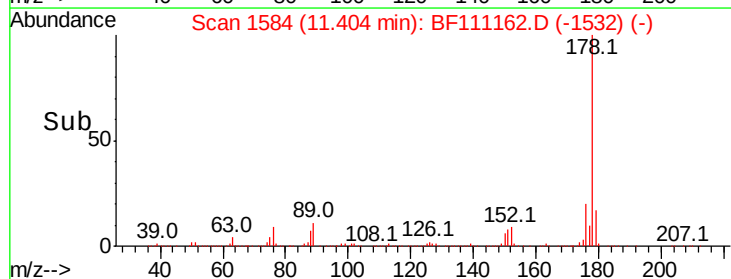
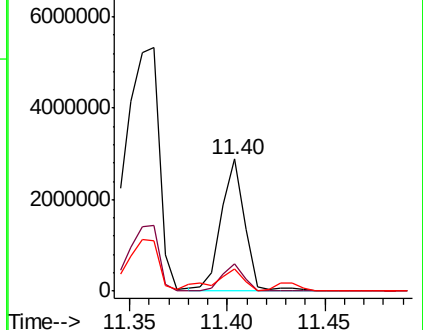
179 16.7 13.8 20.8

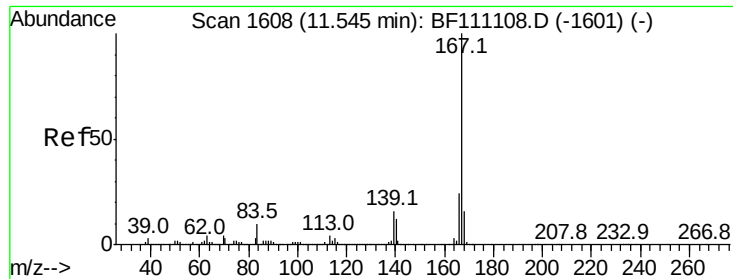


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 20.005 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

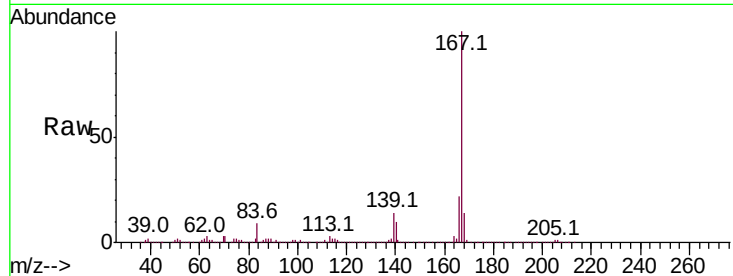
Tot Ion:167 Resp: 1171385

Ion Ratio Lower Upper

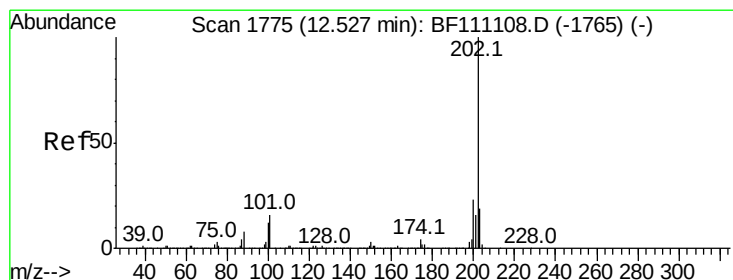
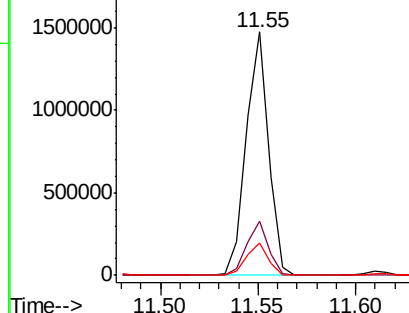
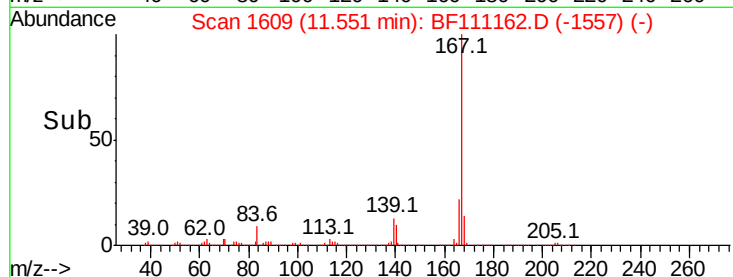
167 100

166 22.2 19.4 29.0

139 13.5 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E
2000000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 145.876 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.02 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

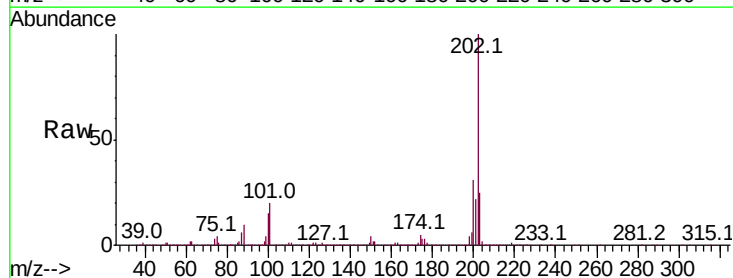
Tgt Ion:202 Resp: 7968961

Ion Ratio Lower Upper

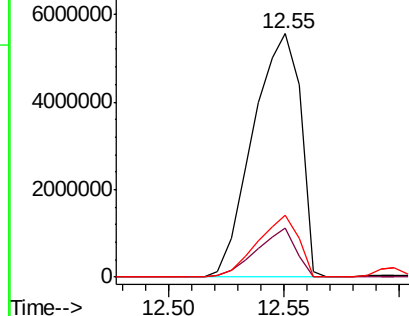
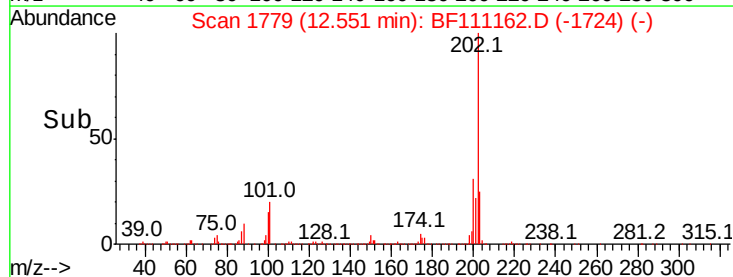
202 100

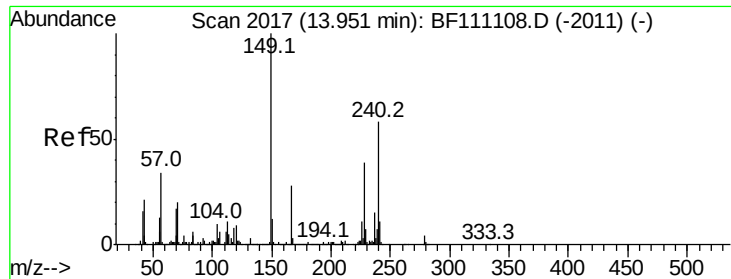
101 20.0 0.0 35.8

203 25.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
6000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

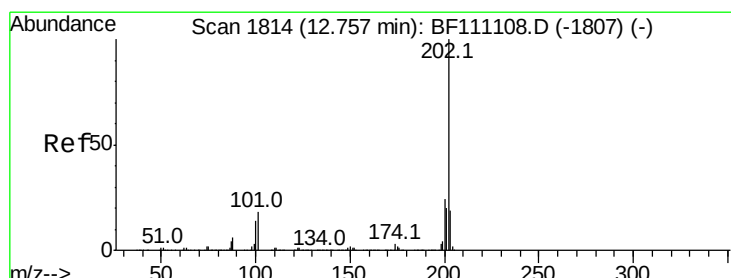
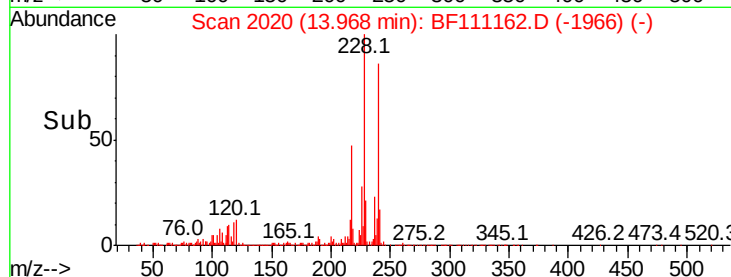
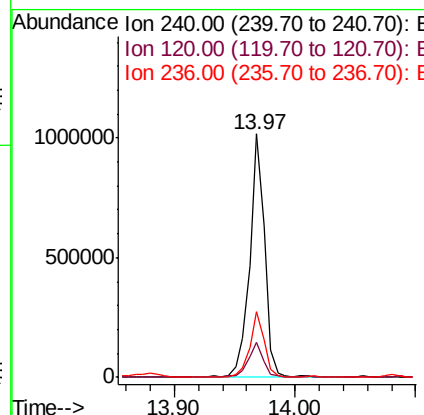
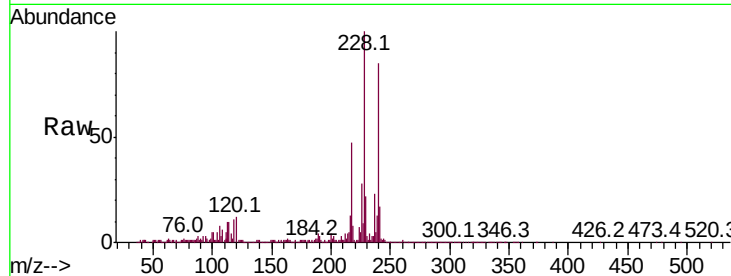




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

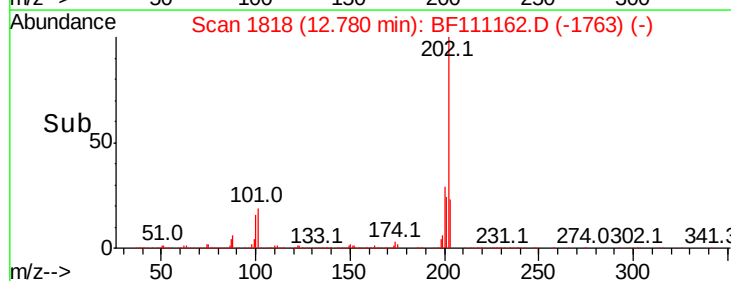
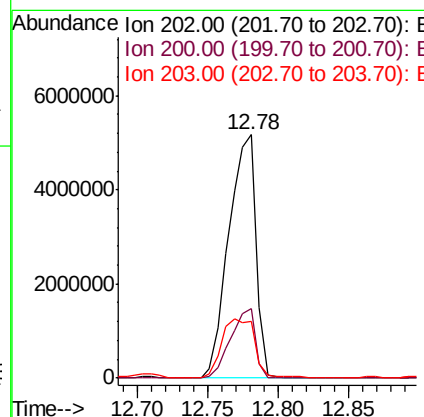
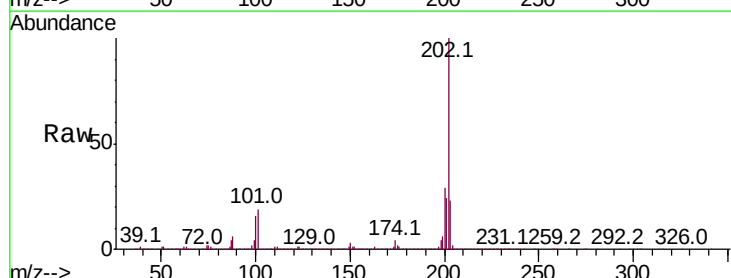
Instrument :
BNA_F
ClientSampled :

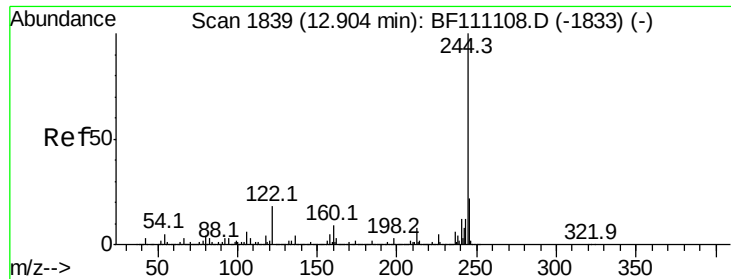
Tot Ion:240 Resp: 876584
Ion Ratio Lower Upper
240 100
120 14.5 12.8 19.2
236 26.7 21.1 31.7



#78
Pyrene
Concen: 101.408 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.02 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion:202 Resp: 6925398
Ion Ratio Lower Upper
202 100
200 28.8 19.3 28.9
203 23.1 15.4 23.2





#79

Terphenyl-d14

Concen: 6.335 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

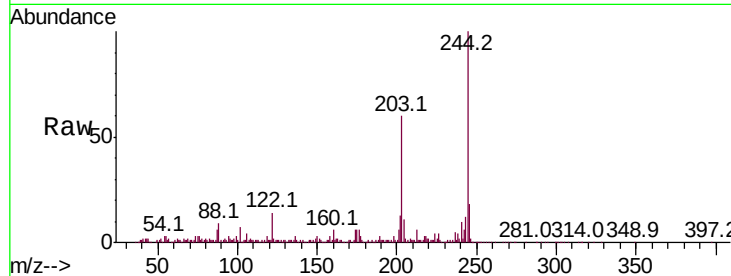
Tot Ion:244 Resp: 271146

Ion Ratio Lower Upper

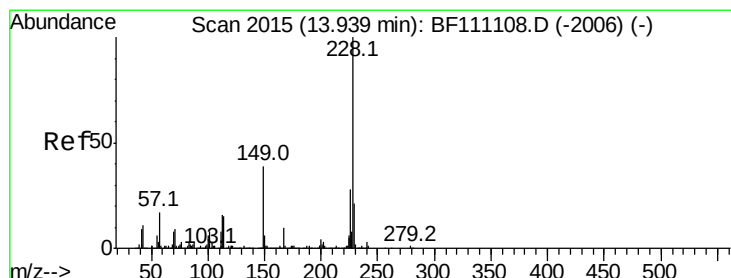
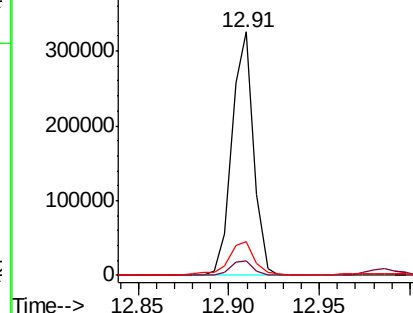
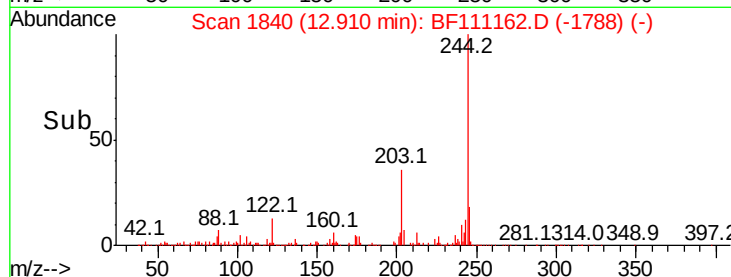
244 100

212 5.9 6.6 9.8#

122 13.6 14.2 21.2#



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



#81

Benzo(a)anthracene

Concen: 82.881 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.02 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

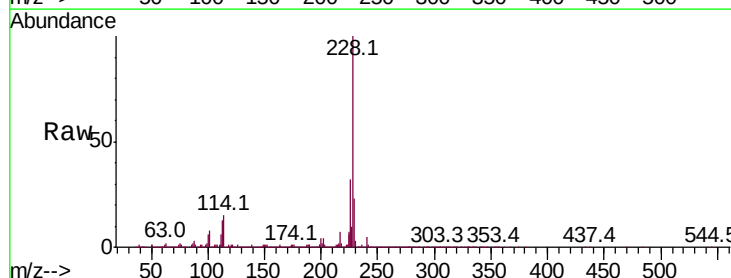
Tgt Ion:228 Resp: 4256695

Ion Ratio Lower Upper

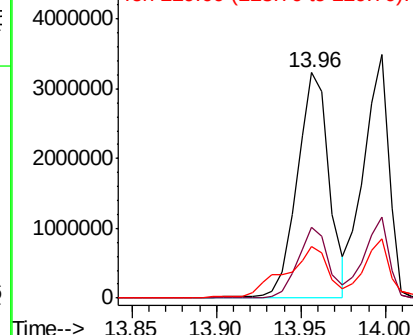
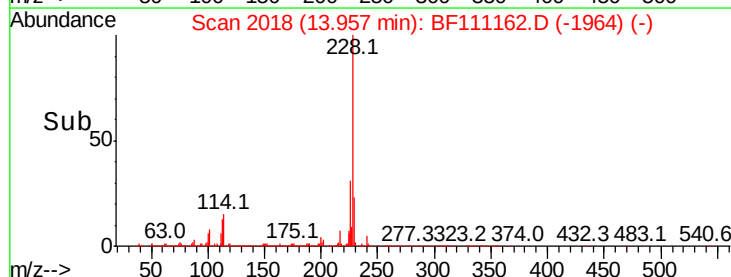
228 100

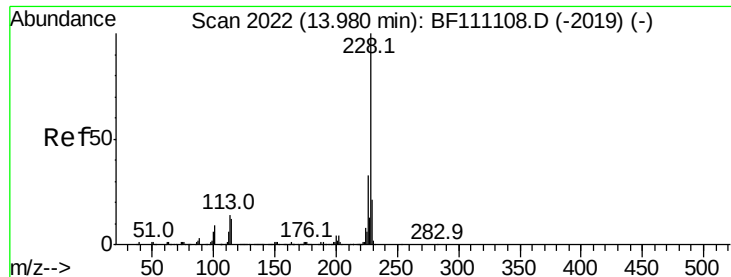
226 31.6 22.6 34.0

229 22.8 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

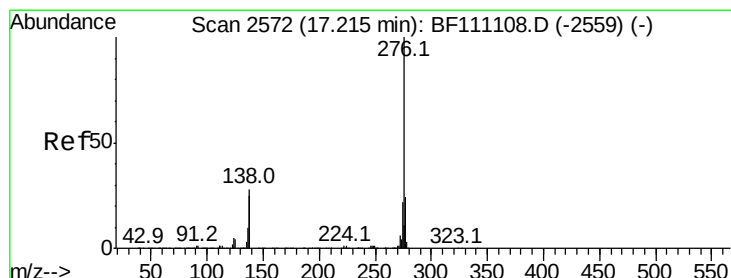
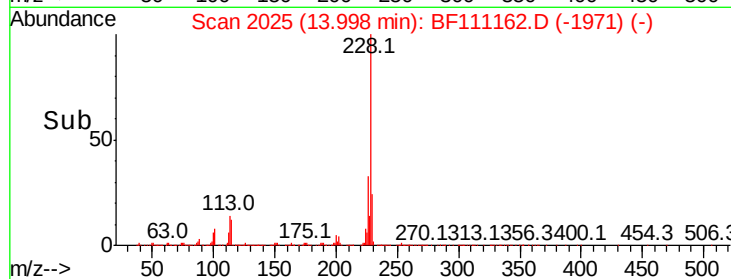
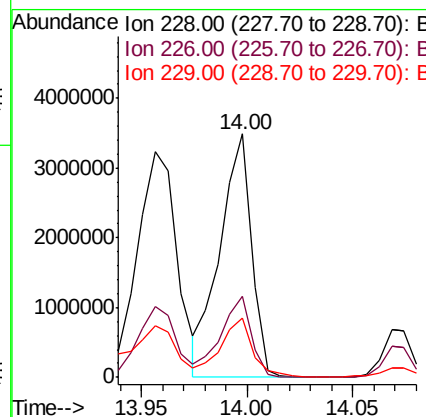
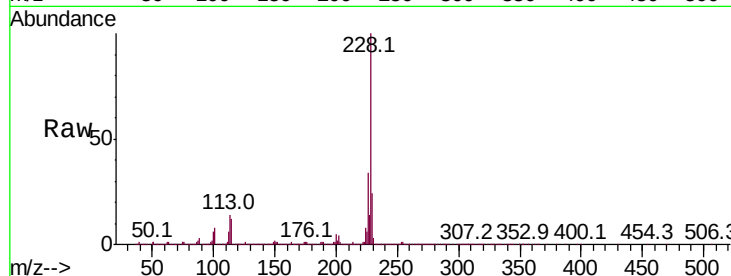




#83
Chrysene
Concen: 70.888 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

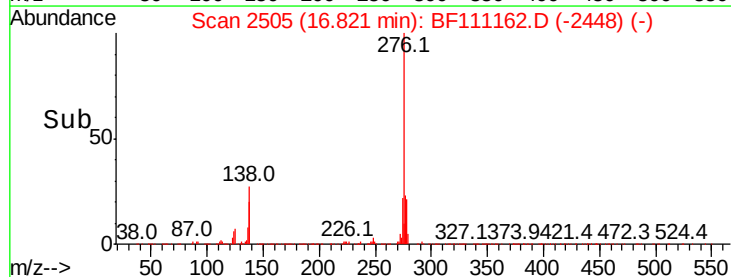
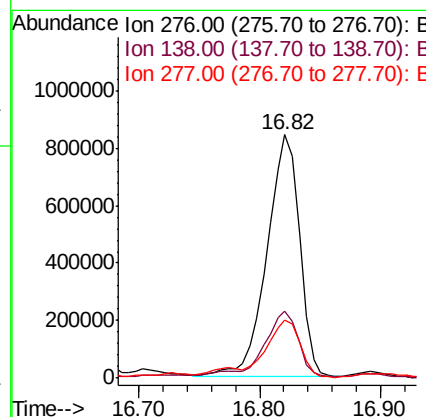
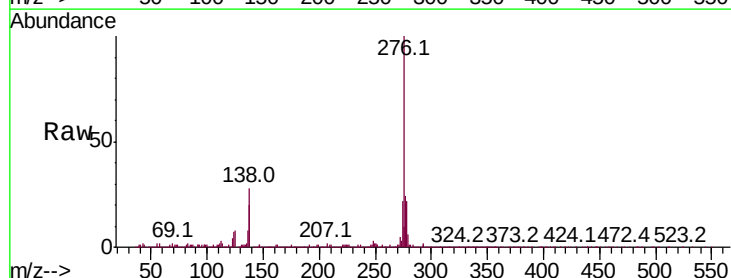
Instrument :
BNA_F
ClientSampleId :

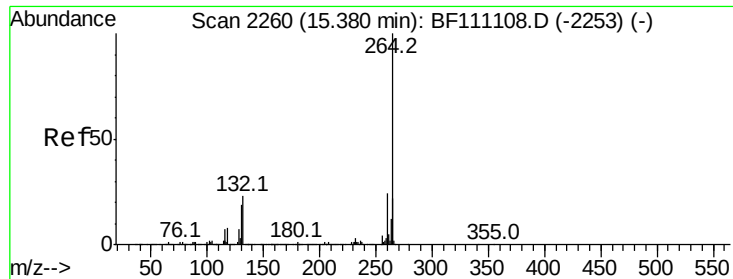
Tot Ion:228 Resp: 3614281
Ion Ratio Lower Upper
228 100
226 33.5 26.2 39.2
229 24.4 16.9 25.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.374 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.04 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion:276 Resp: 1570903
Ion Ratio Lower Upper
276 100
138 28.8 20.2 30.4
277 24.0 15.8 23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

Instrument :

BNA_F

ClientSampleId :

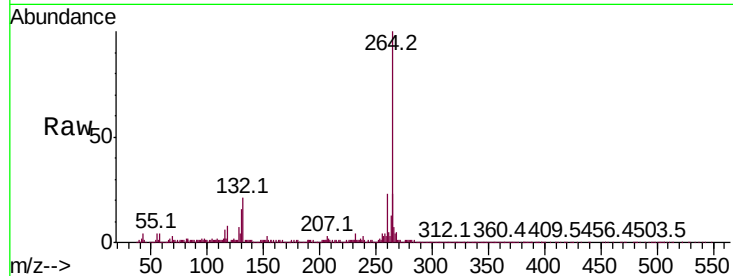
Tot Ion:264 Resp: 731552

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

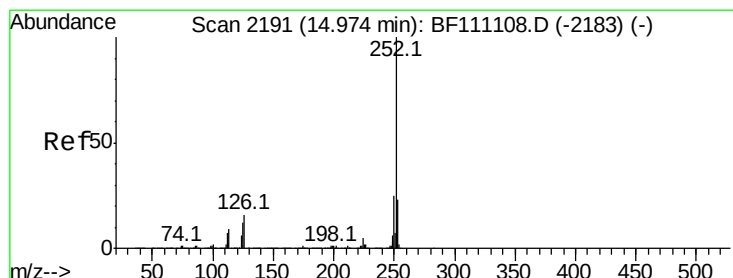
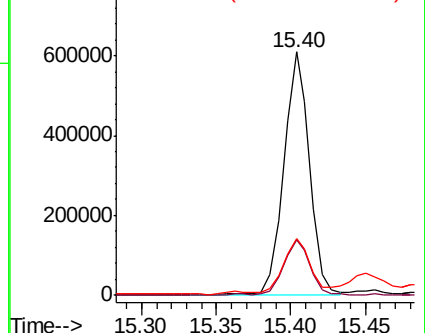
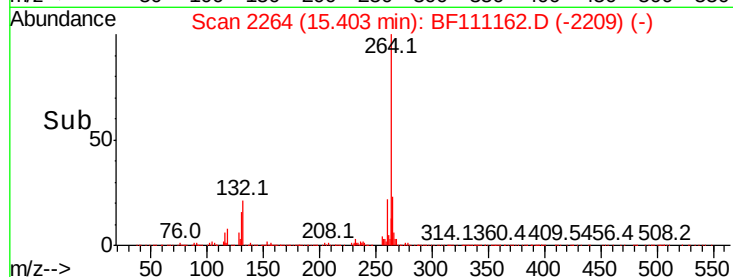
265 23.2 17.4 26.0



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: 131.428 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BF111162.D

Acq: 7 Dec 2018 2:17

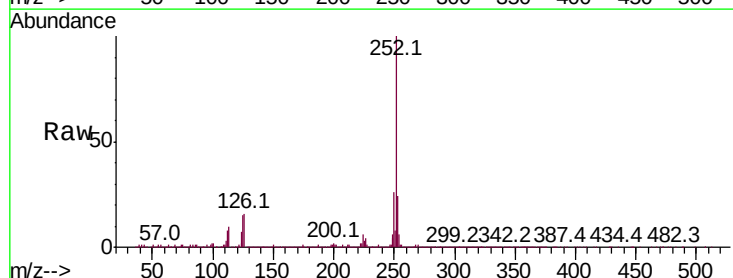
Tgt Ion:252 Resp: 5448070

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

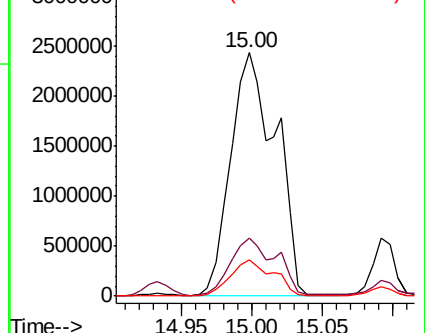
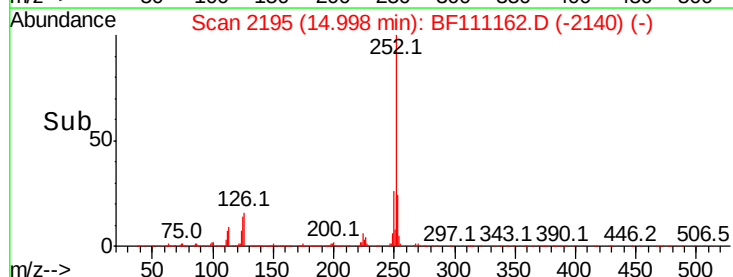
125 14.6 9.9 14.9

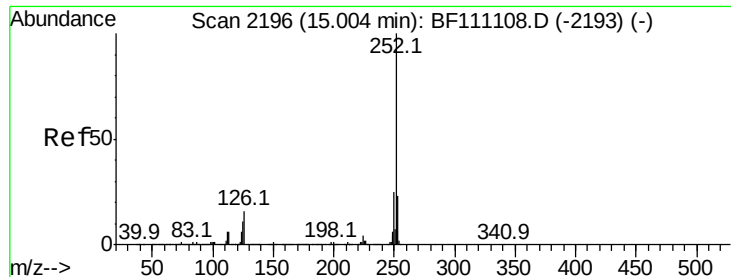


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

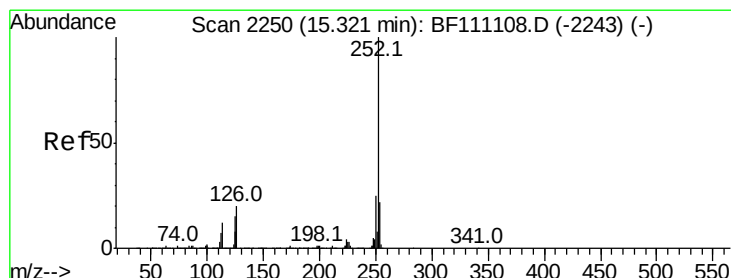
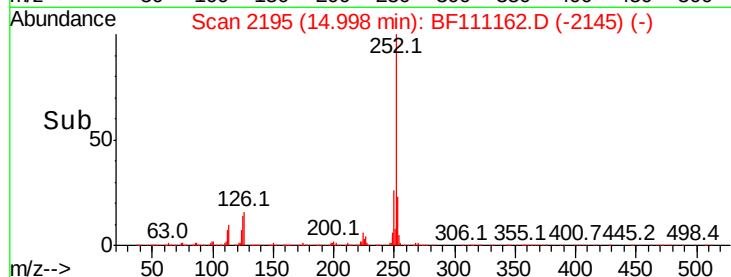
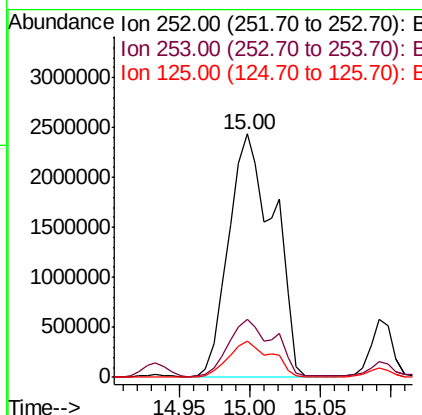
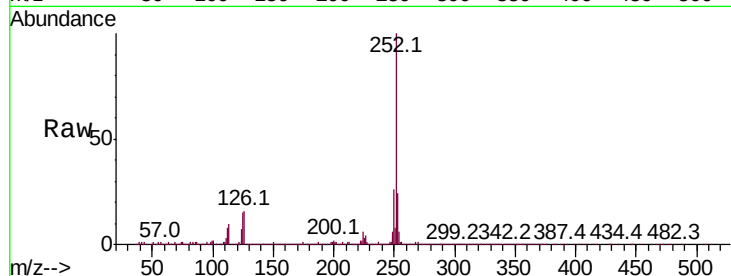




#89
Benzo(k)fluoranthene
Concen: 135.951 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

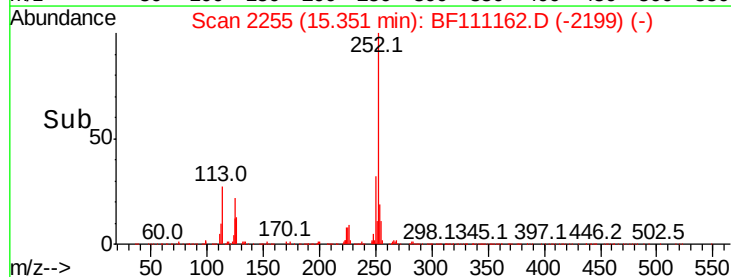
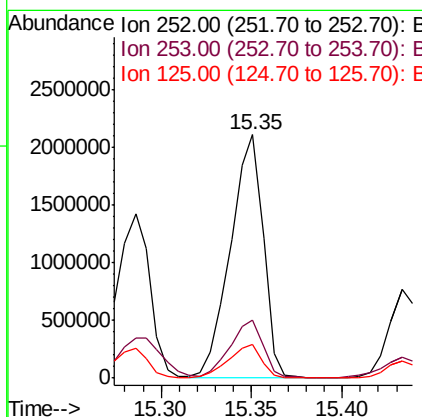
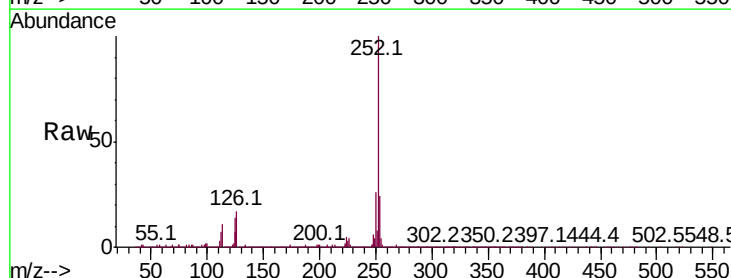
Instrument :
BNA_F
ClientSampleId :

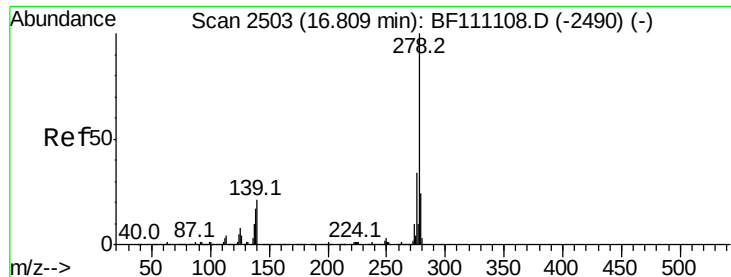
Tot Ion:252 Resp: 5448070
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 14.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 69.654 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.03 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion:252 Resp: 2648416
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 14.0 12.4 18.6

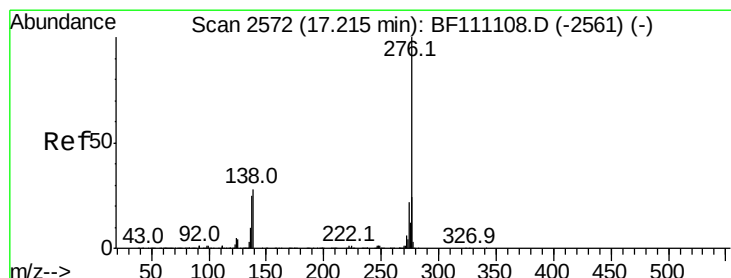
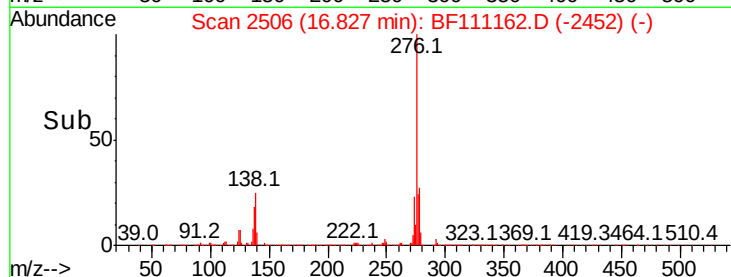
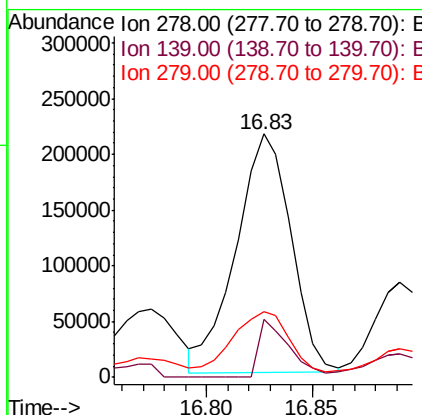
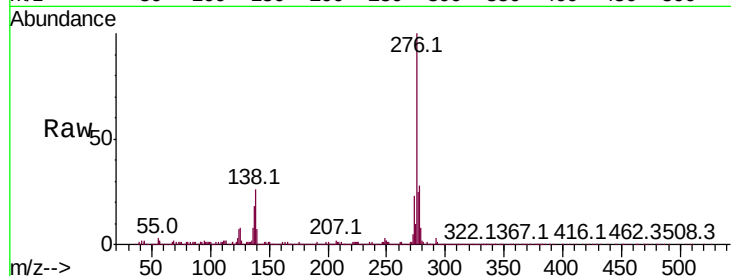




#91
Dibenzo(a,h)anthracene
Concen: 12.130 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.02 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 387054
Ion Ratio Lower Upper
278 100
139 23.8 16.6 25.0
279 27.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 44.183 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.04 min
Lab File: BF111162.D
Acq: 7 Dec 2018 2:17

Tgt Ion:276 Resp: 1416694
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 27.6 22.3 33.5

