

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111208.D
 Acq On : 8 Dec 2018 1:34
 Operator : JU/SJ
 Sample : J6260-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Dec 08 02:55:03 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	496688	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1831352	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	848152	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1454157	20.00	ng	0.00
76) Chrysene-d12	13.97	240	972247	20.00	ng	0.02
87) Perylene-d12	15.40	264	967945	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3162857	99.37	ng	0.00
7) Phenol-d6	6.44	99	3961899	96.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	2423062	78.33	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	772257	114.55	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3409795	72.26	ng	0.00
79) Terphenyl-d14	12.91	244	2711995	57.13	ng	0.00

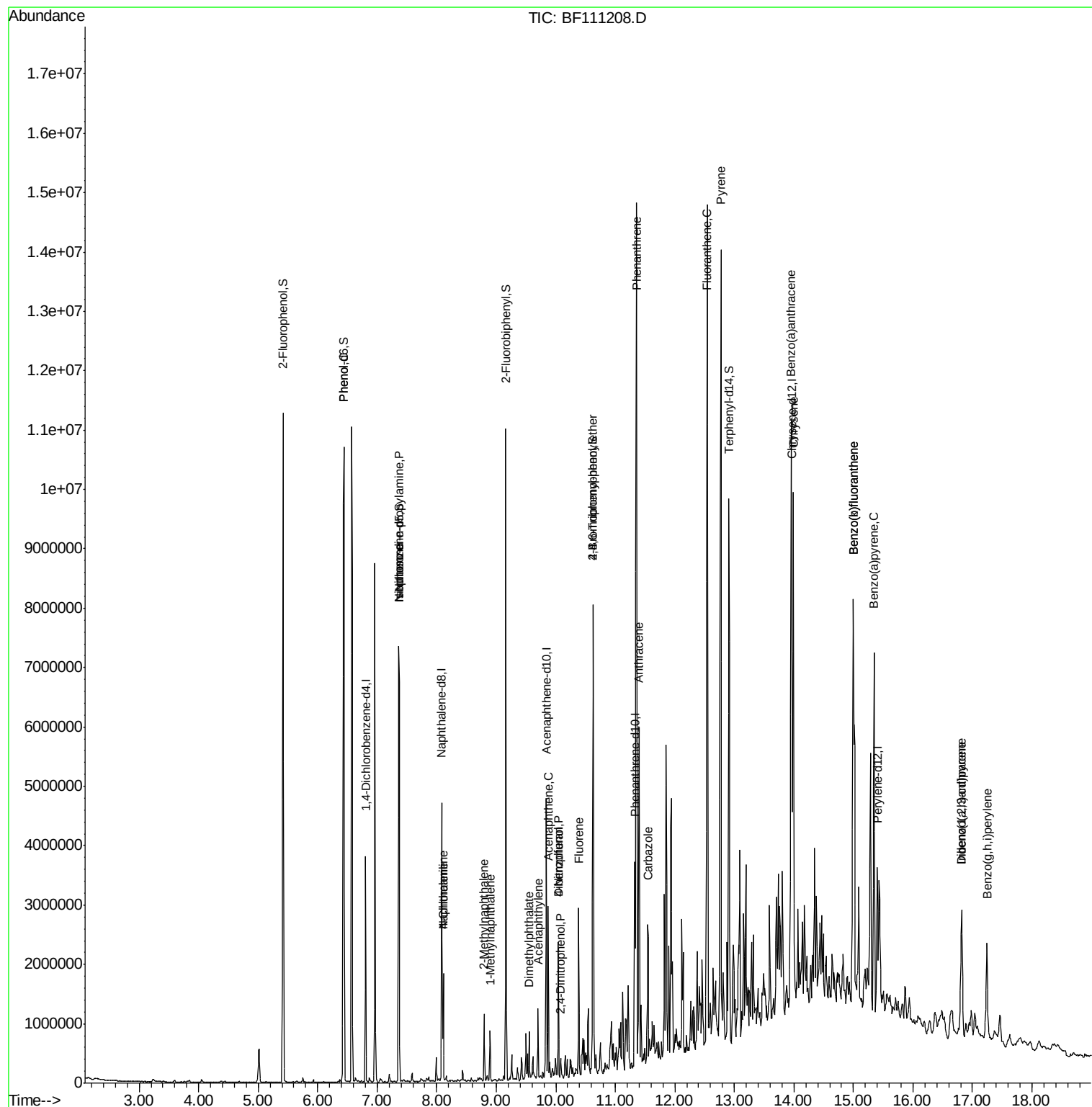
Target Compounds				Qvalue		
9) Benzaldehyde	6.35	77	3329	Below Cal	#	71
10) Phenol	6.45	94	283138	6.333 ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	337006	12.231 ng	#	73
25) Isophorone	7.36	82	2413737	42.518 ng	#	65
31) Naphthalene	8.11	128	776822	9.743 ng	#	93
33) 4-Chloroaniline	8.10	127	98834	2.564 ng	#	35
37) 2-Methylnaphthalene	8.80	142	265262	4.823 ng		96
38) 1-Methylnaphthalene	8.90	142	208036	3.934 ng		99
49) Acenaphthylene	9.70	152	368192	4.882 ng		97
50) Dimethylphthalate	9.55	163	292316	4.952 ng		99
52) Acenaphthene	9.87	154	609900	12.241 ng		98
54) 2,4-Dinitrophenol	10.07	184	224	6.656 ng	#	1
55) Dibenzofuran	10.05	168	676768	9.862 ng		92
56) 4-Nitrophenol	10.05	139	257149	21.708 ng	#	6
58) Fluorene	10.39	166	701752	14.501 ng		99
67) 4-Bromophenyl-phenylether	10.63	248	50088	3.254 ng	#	1
71) Phenanthrene	11.36	178	5689543	81.340 ng		92
72) Anthracene	11.40	178	2031250	28.809 ng		97
73) Carbazole	11.55	167	920765	12.550 ng		96
75) Fluoranthene	12.54	202	6632446	96.901 ng		92
78) Pyrene	12.77	202	6042011	79.768 ng		92
81) Benzo(a)anthracene	13.96	228	3738586	65.631 ng		95
83) Chrysene	13.99	228	3530758	62.436 ng		96
86) Indeno(1,2,3-cd)pyrene	16.82	276	1351806	29.773 ng	#	88
88) Benzo(b)fluoranthene	15.00	252	5563023	101.426 ng	#	96
89) Benzo(k)fluoranthene	15.00	252	5563023	104.917 ng	#	96
90) Benzo(a)pyrene	15.35	252	2934317	58.326 ng		98
91) Dibenzo(a,h)anthracene	16.83	278	378340	8.962 ng		92
92) Benzo(g,h,i)perylene	17.24	276	1196504	28.203 ng		97

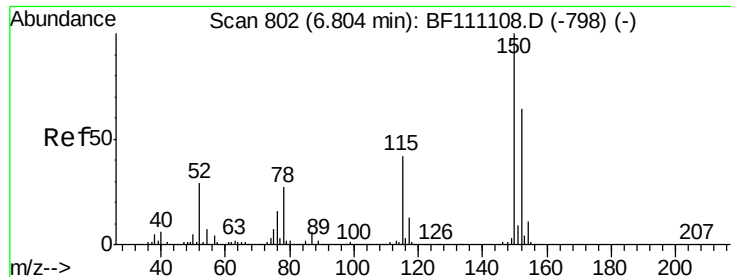
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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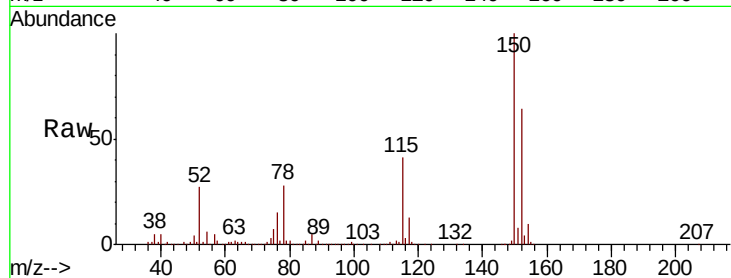


#1

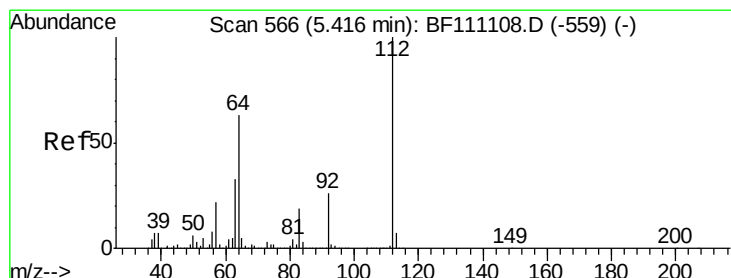
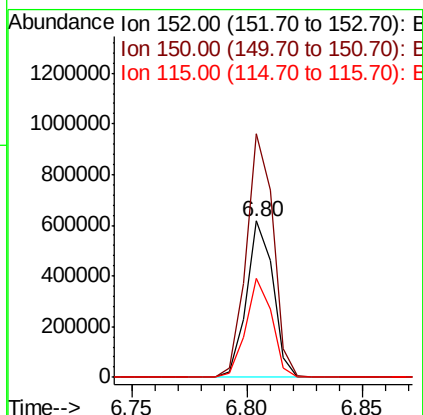
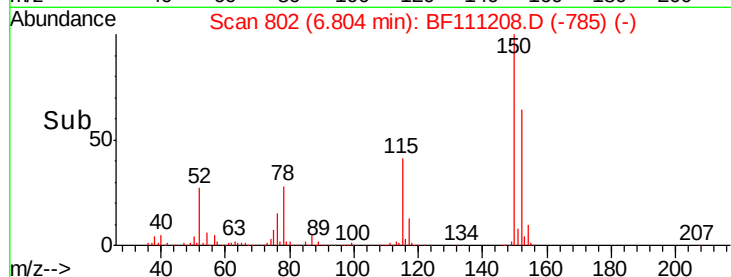
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 496688
Ion Ratio Lower Upper
152 100
150 156.0 124.6 187.0
115 63.8 52.2 78.2



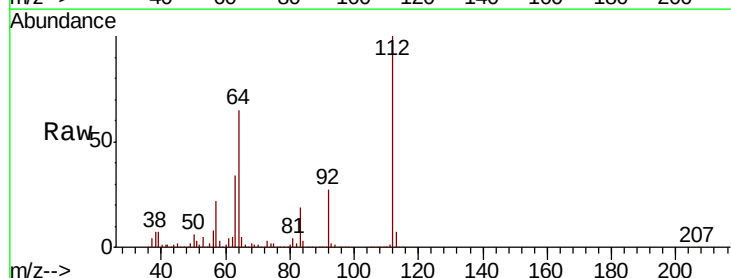
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



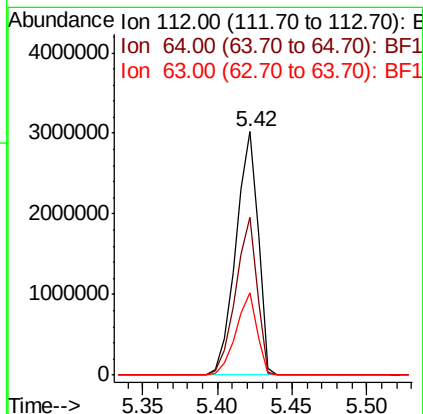
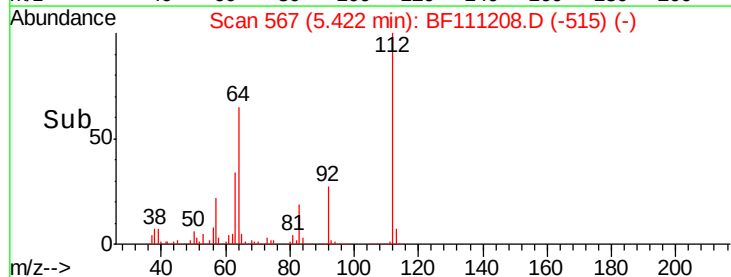
#5

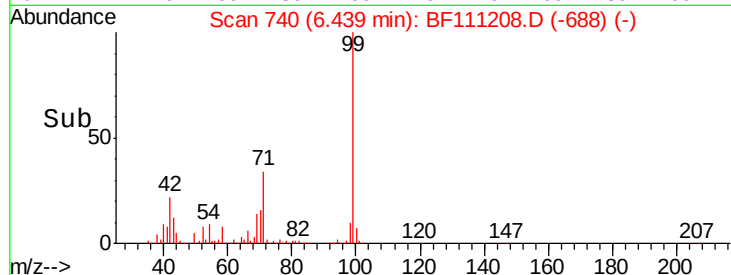
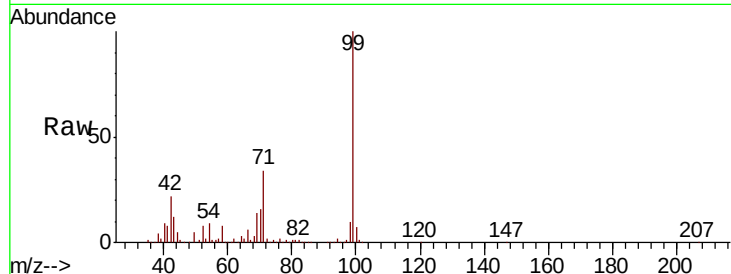
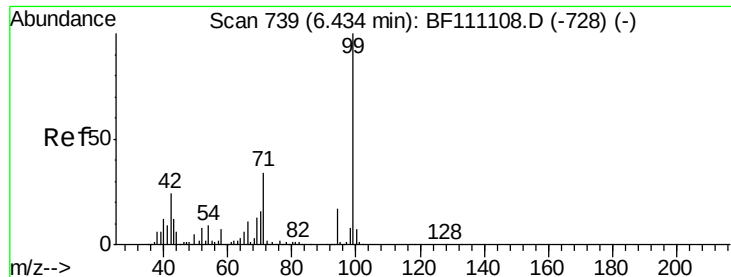
2-Fluorophenol
Concen: 99.368 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:112 Resp: 3162857
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.4
63 33.9 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

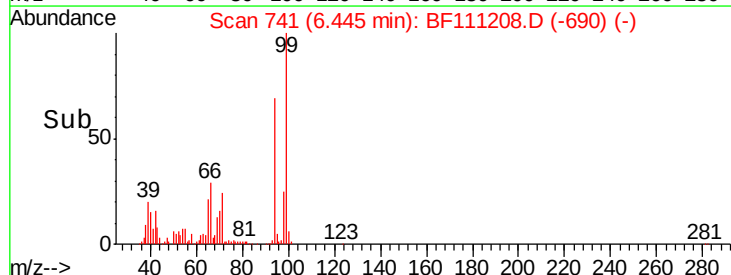
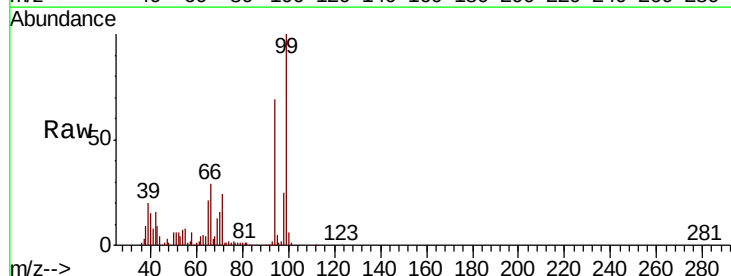
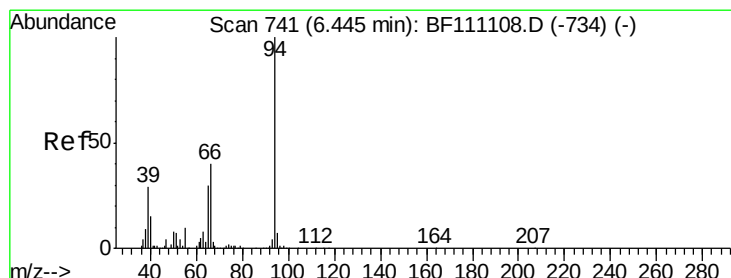
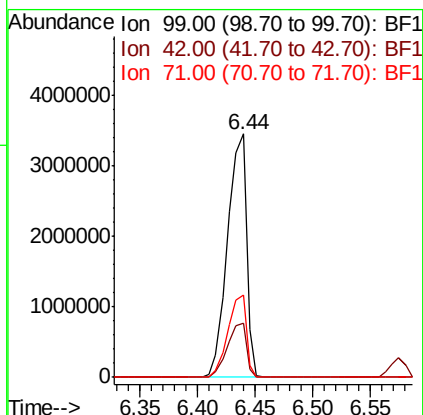




#7
Phenol-d6
Concen: 96.627 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

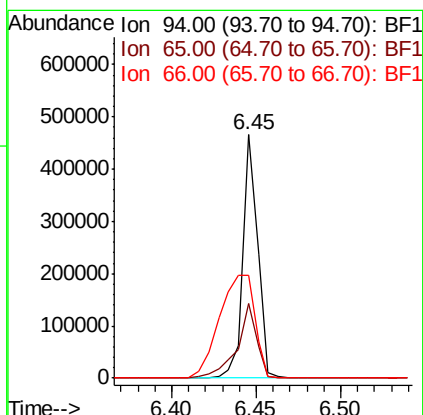
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

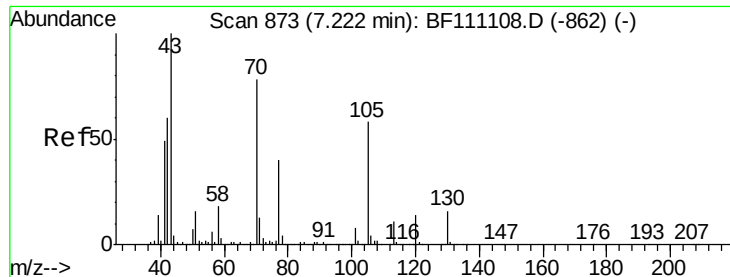
Tgt Ion: 99 Resp: 3961899
Ion Ratio Lower Upper
99 100
42 22.4 19.3 28.9
71 33.6 27.4 41.2



#10
Phenol
Concen: 6.333 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion: 94 Resp: 283138
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 42.0 19.8 59.8

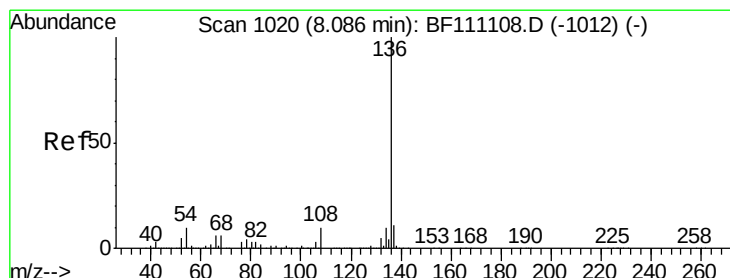
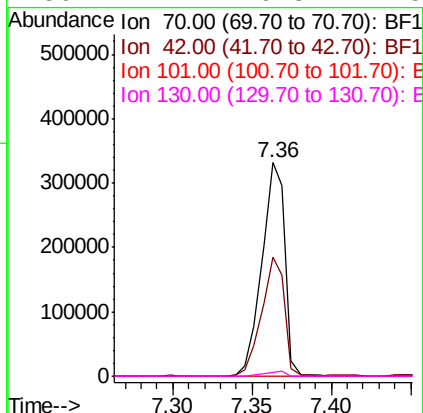
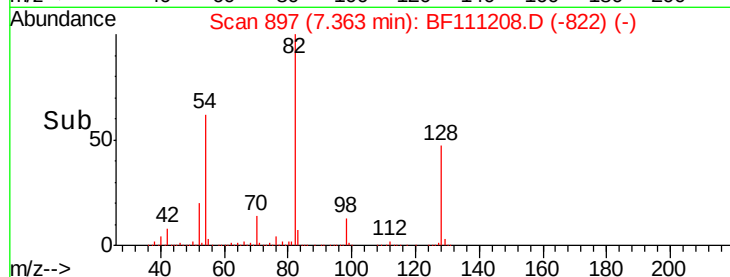
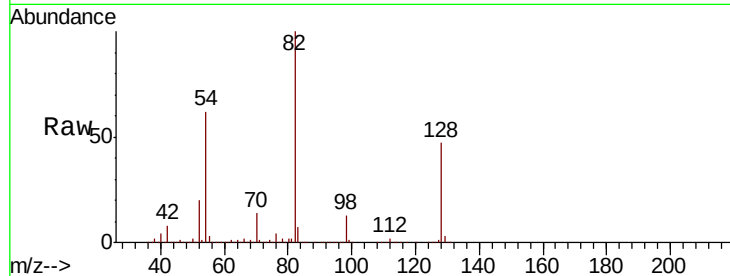




#19
n-Nitroso-di-n-propylamine
Concen: 12.231 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

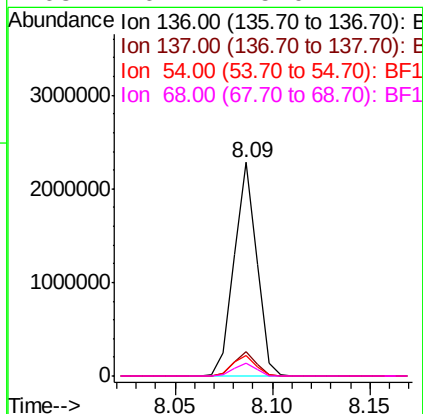
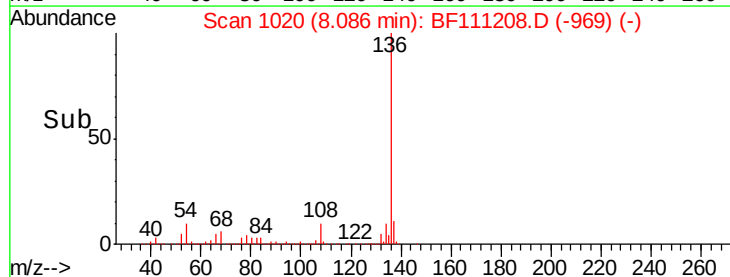
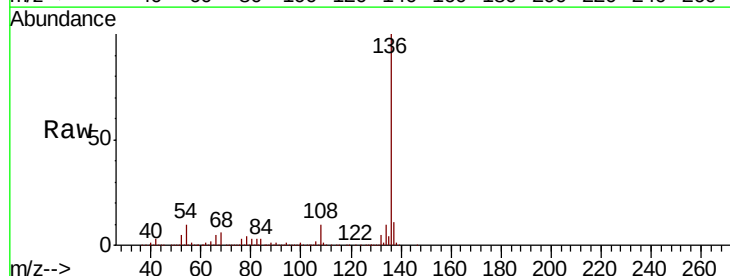
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

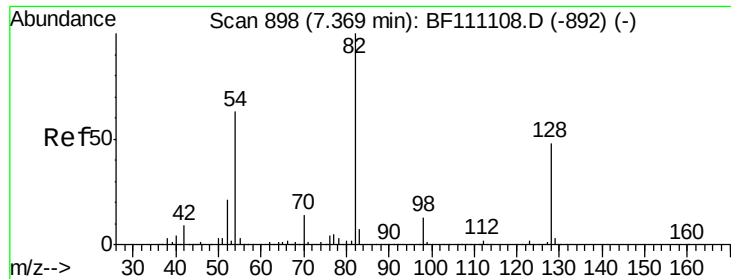
Tgt Ion: 70 Resp: 337006
Ion Ratio Lower Upper
70 100
42 55.8 61.3 91.9#
101 0.0 7.7 11.5#
130 2.1 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion: 136 Resp: 1831352
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.7 8.4 12.6
68 6.2 5.0 7.4

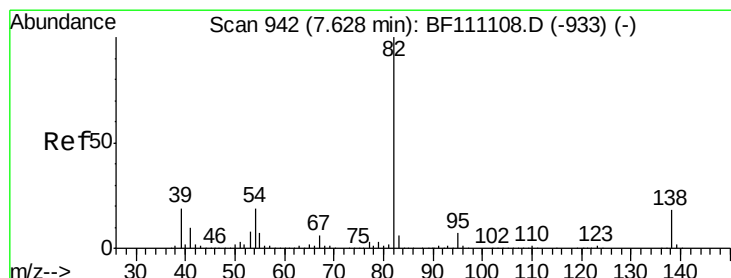
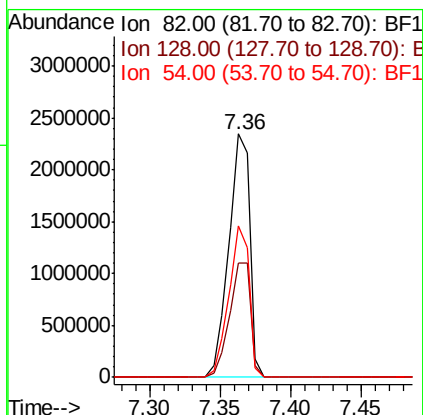
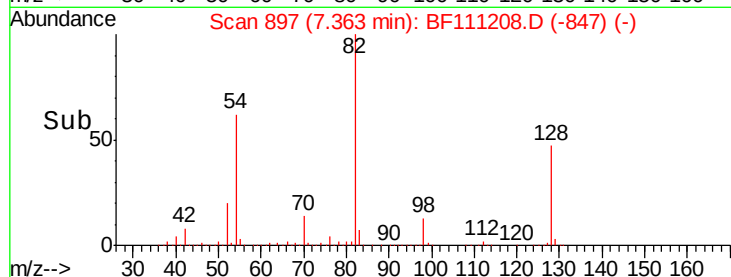
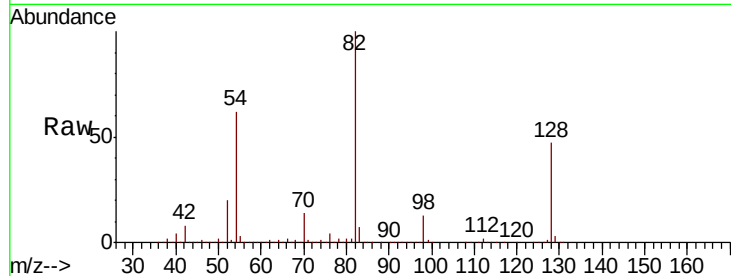




#23
Nitrobenzene-d5
Concen: 78.332 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

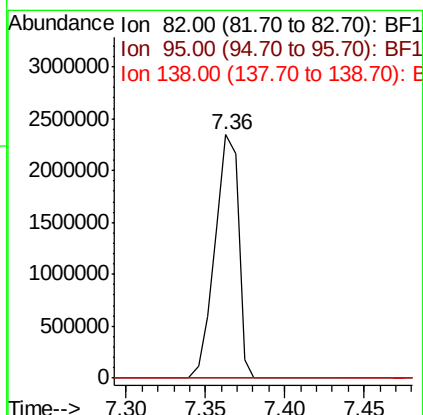
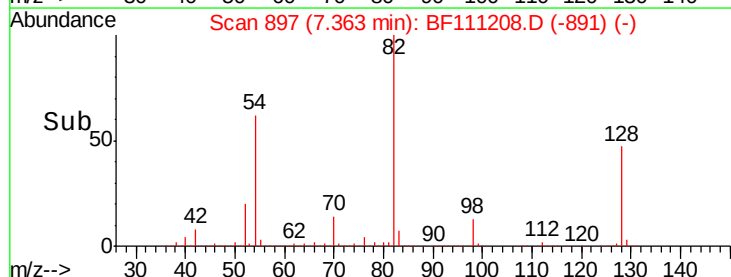
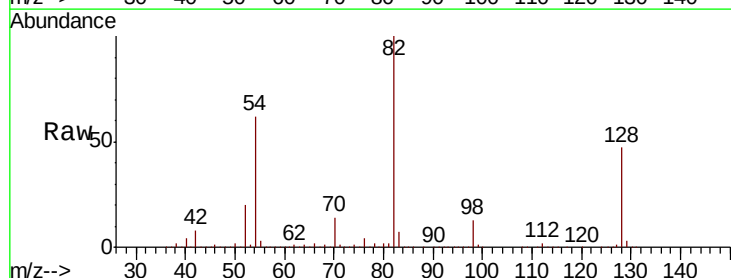
Instrument :
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ClientSampleId :
SB-01-COMP

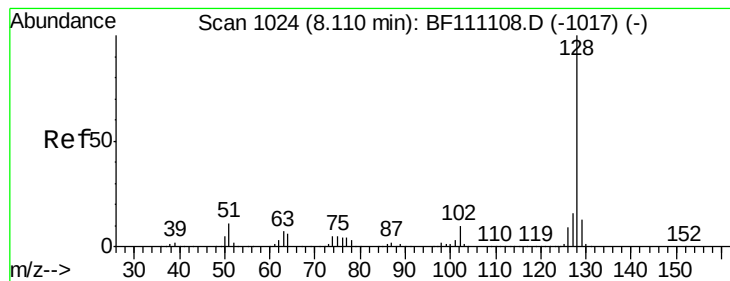
Tgt Ion: 82 Resp: 2423062
Ion Ratio Lower Upper
82 100
128 47.0 38.1 57.1
54 62.4 50.3 75.5



#25
Isophorone
Concen: 42.518 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion: 82 Resp: 2413737
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#





#31

Naphthalene

Concen: 9.743 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

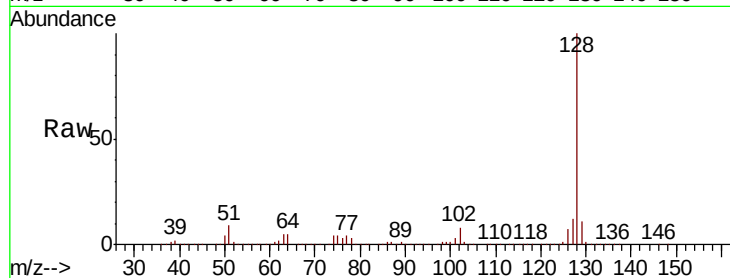
Tgt Ion:128 Resp: 776822

Ion Ratio Lower Upper

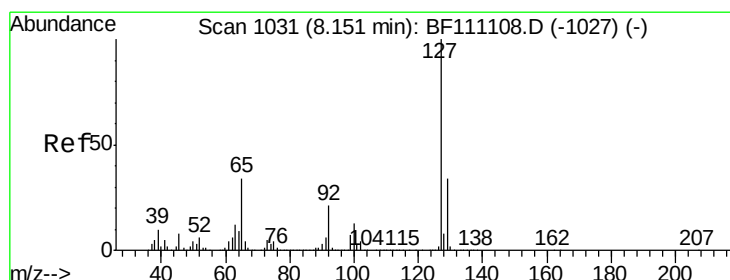
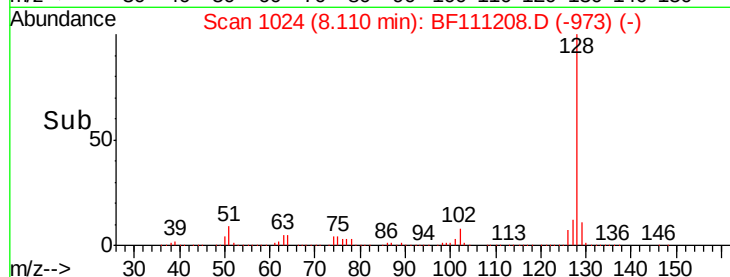
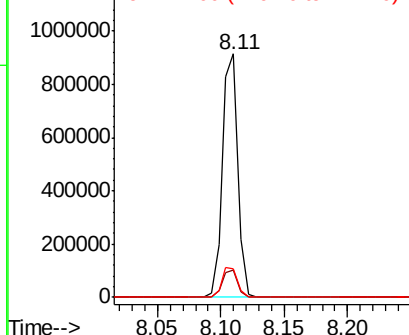
128 100

129 11.0 10.5 15.7

127 11.9 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



#33

4-Chloroaniline

Concen: 2.564 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Tgt Ion:127 Resp: 98834

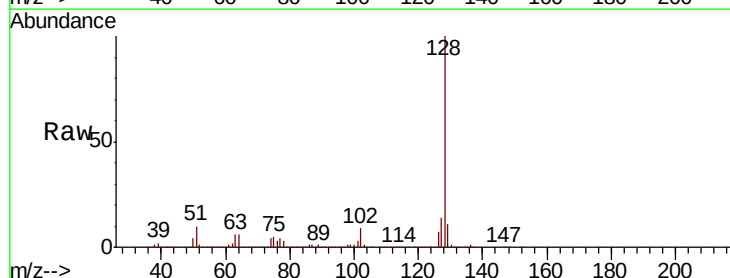
Ion Ratio Lower Upper

127 100

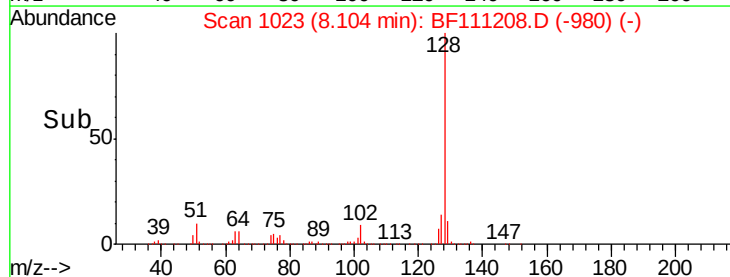
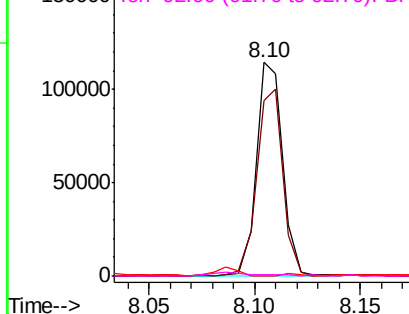
129 81.9 27.0 40.6#

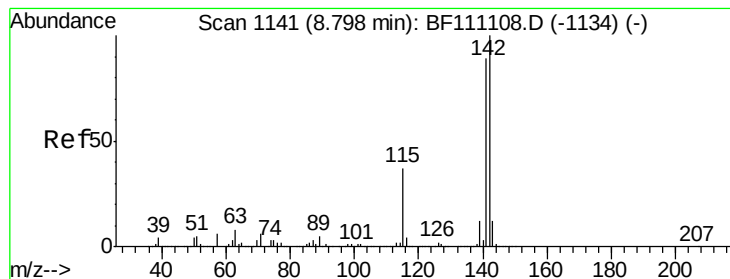
65 0.0 27.2 40.8#

92 0.6 16.6 24.8#



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





#37

2-Methylnaphthalene

Concen: 4.823 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

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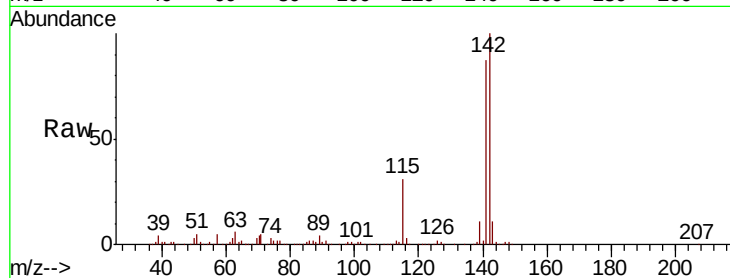
Tgt Ion:142 Resp: 265262

Ion Ratio Lower Upper

142 100

141 86.8 71.4 107.0

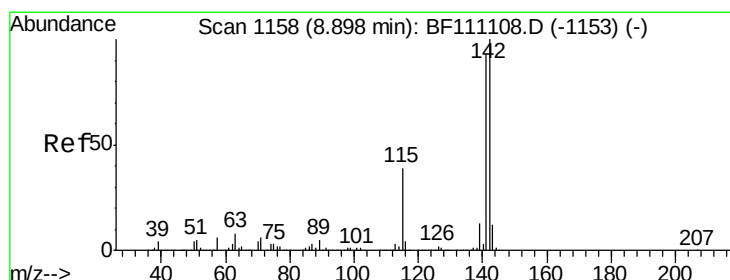
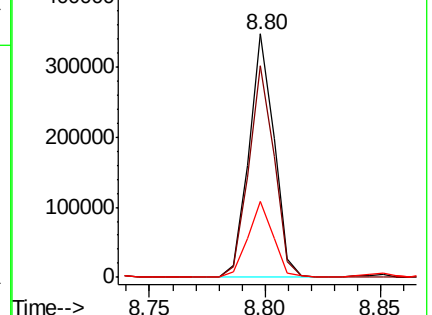
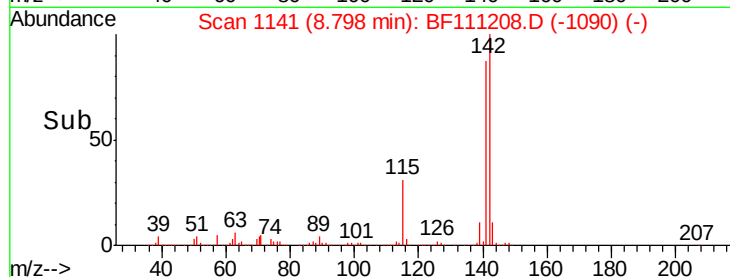
115 31.2 29.2 43.8



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: 3.934 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

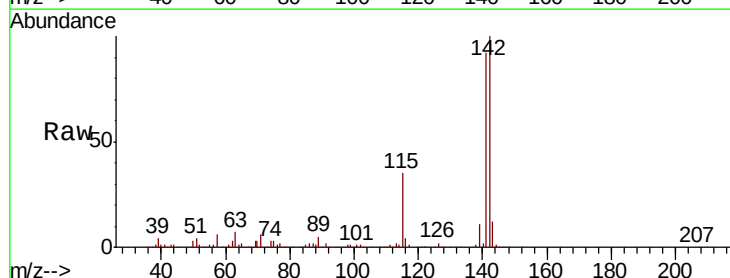
Tgt Ion:142 Resp: 208036

Ion Ratio Lower Upper

142 100

141 92.0 74.5 111.7

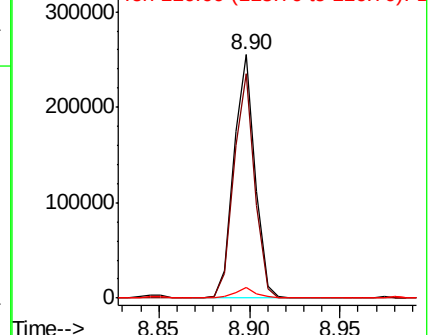
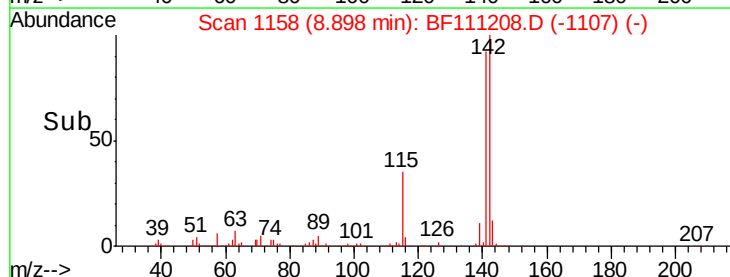
116 4.2 3.2 4.8

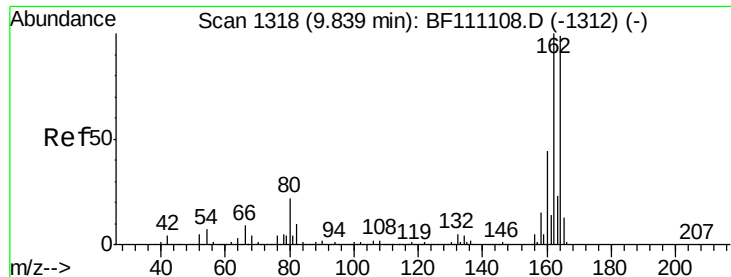


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

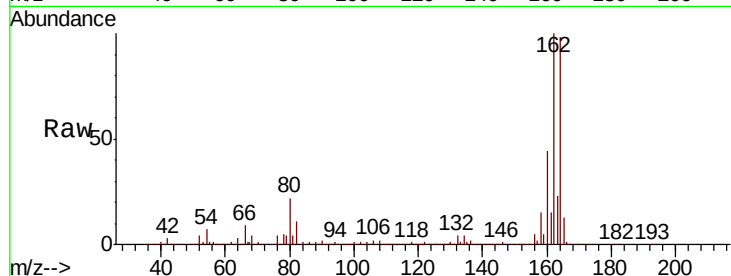




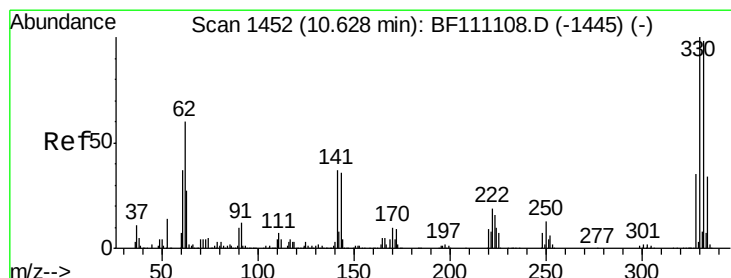
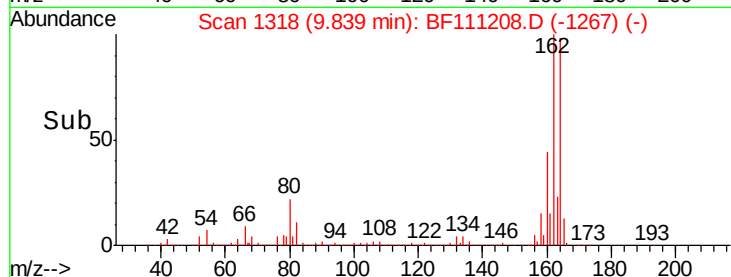
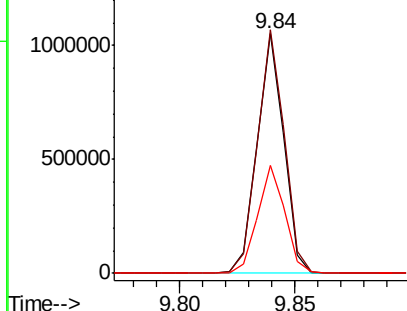
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:164 Resp: 848152
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 45.1 35.5 53.3

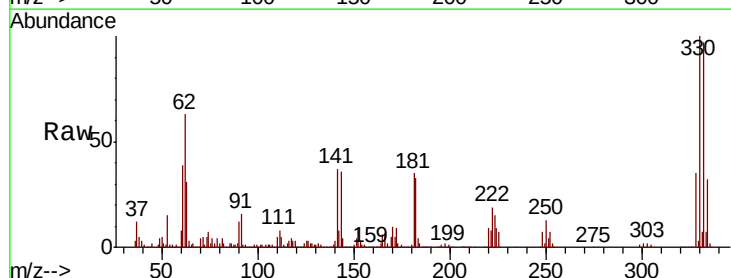


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

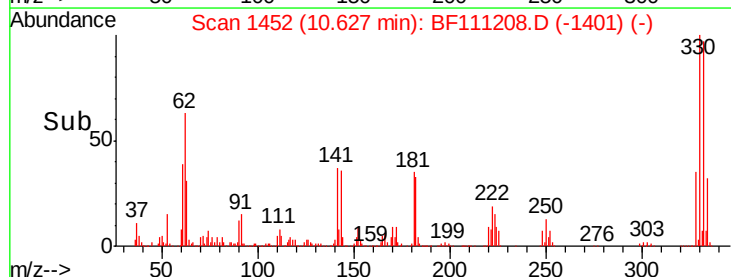
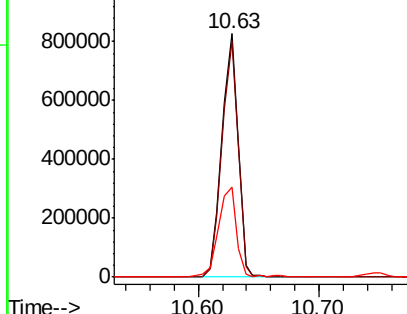


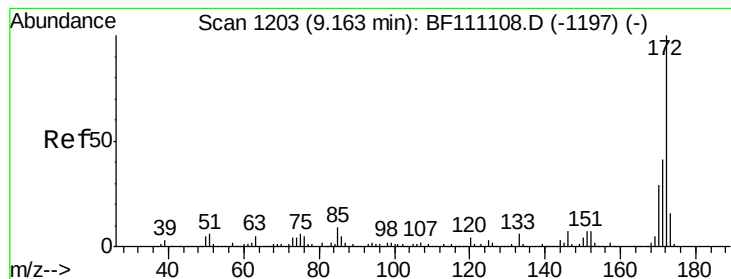
#42
 2,4,6-Tribromophenol
 Concen: 114.547 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Tgt Ion:330 Resp: 772257
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.2 115.8
 141 39.6 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: 72.264 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

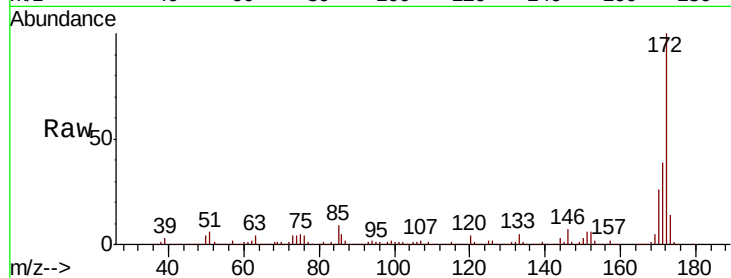
Tgt Ion:172 Resp: 3409795

Ion Ratio Lower Upper

172 100

171 38.5 33.2 49.8

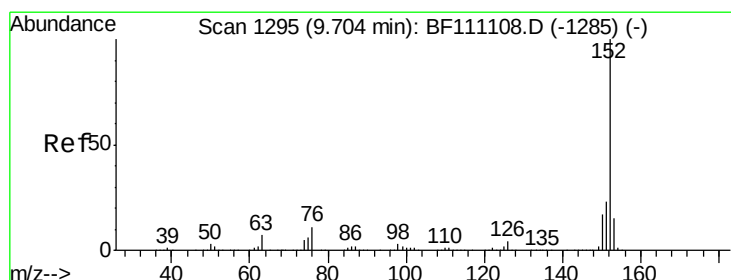
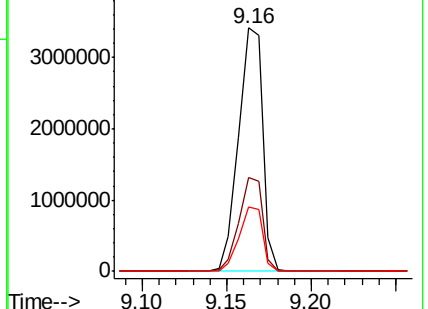
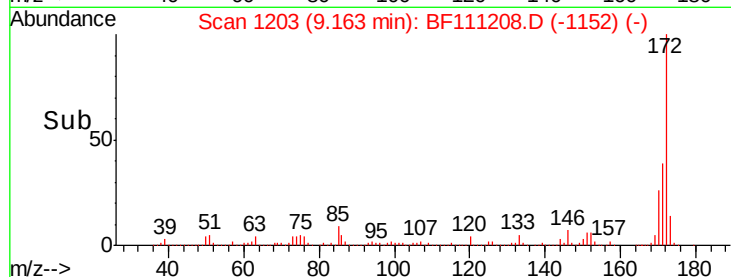
170 26.2 22.9 34.3



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



#49

Acenaphthylene

Concen: 4.882 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

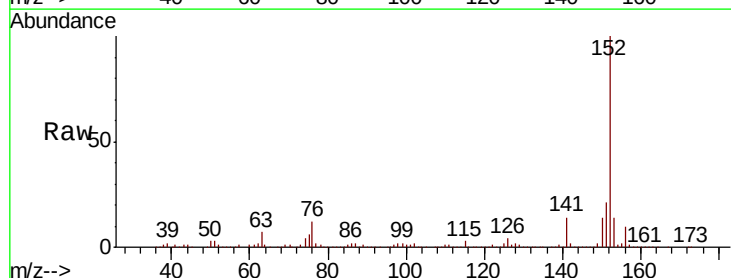
Tgt Ion:152 Resp: 368192

Ion Ratio Lower Upper

152 100

151 21.1 18.3 27.5

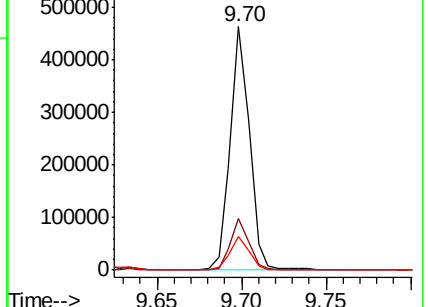
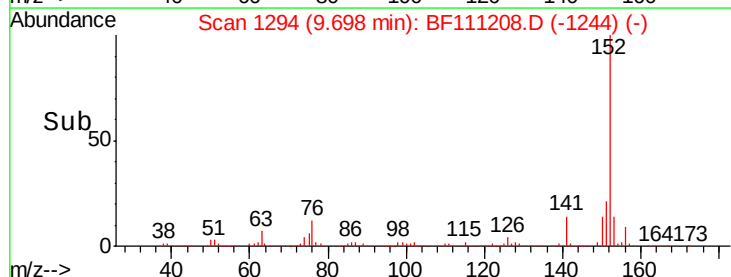
153 13.8 11.8 17.8

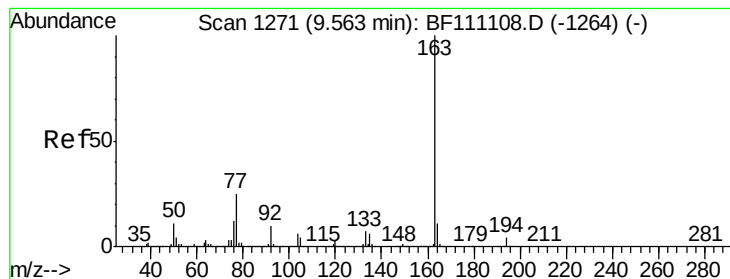


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 4.952 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

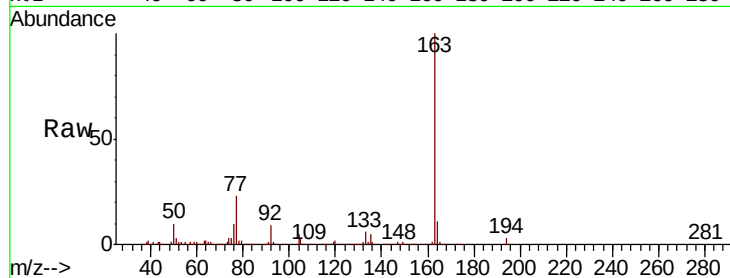
Tgt Ion:163 Resp: 292316

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

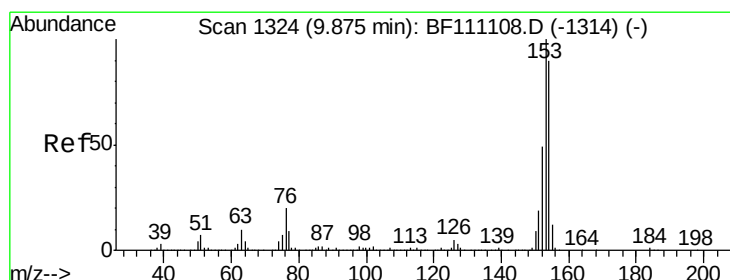
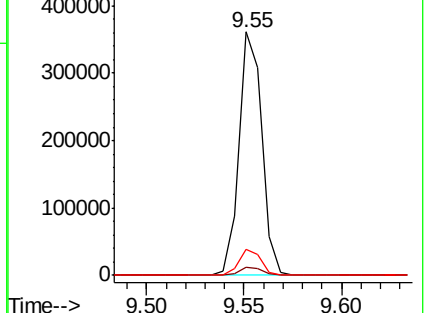
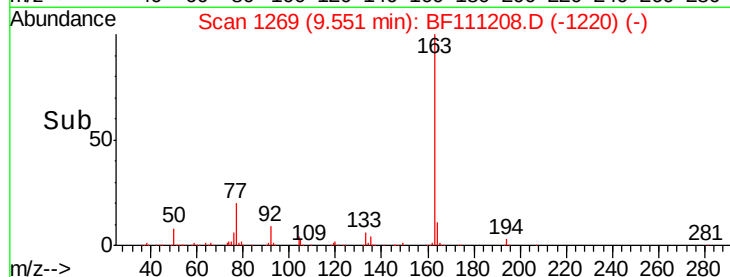
164 10.5 8.9 13.3



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: 12.241 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

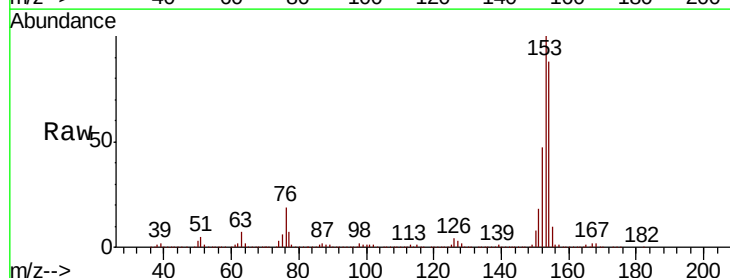
Tgt Ion:154 Resp: 609900

Ion Ratio Lower Upper

154 100

153 113.8 88.7 133.1

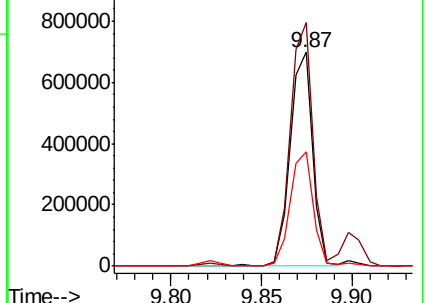
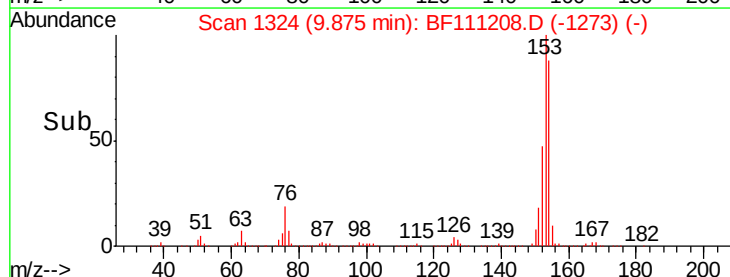
152 53.6 43.8 65.8

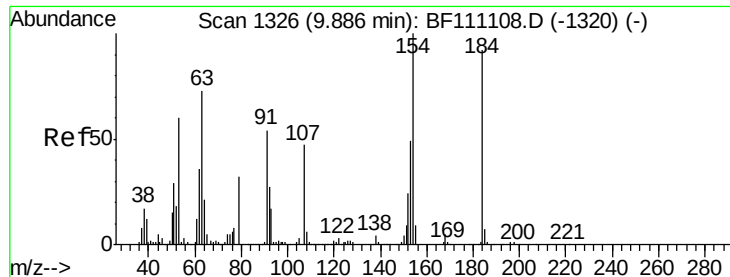


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

2,4-Dinitrophenol

Concen: 6.656 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.19 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

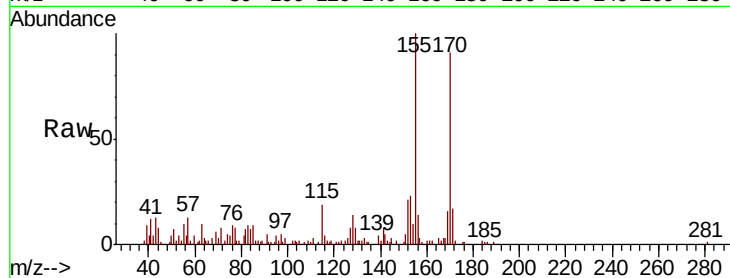
Tgt Ion:184 Resp: 224

Ion Ratio Lower Upper

184 100

63 469.8 64.2 96.4#

154 474.5 89.5 134.3#

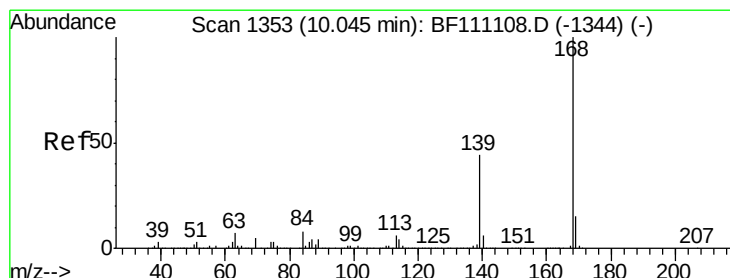
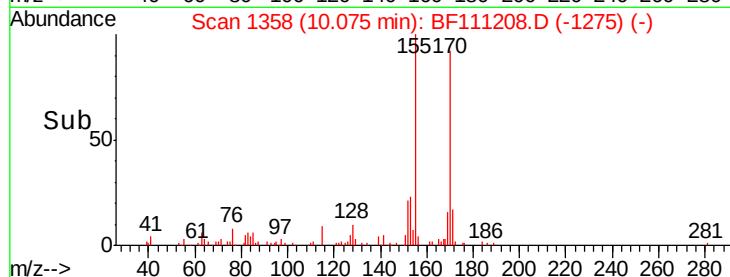
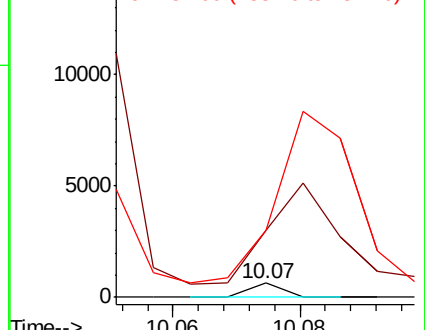


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 9.862 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

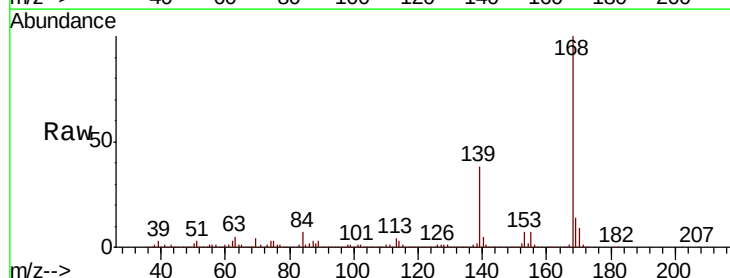
Tgt Ion:168 Resp: 676768

Ion Ratio Lower Upper

168 100

139 37.6 35.1 52.7

169 14.3 12.2 18.4

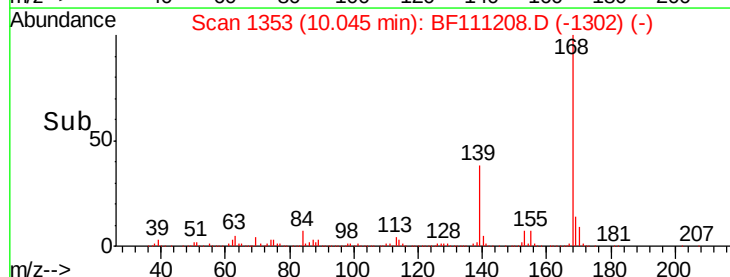
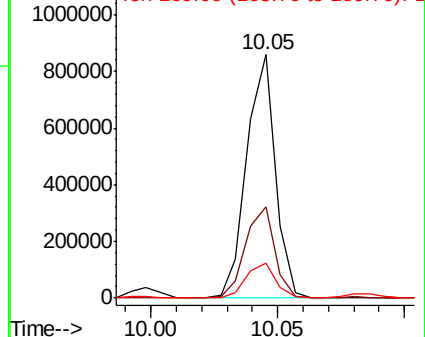


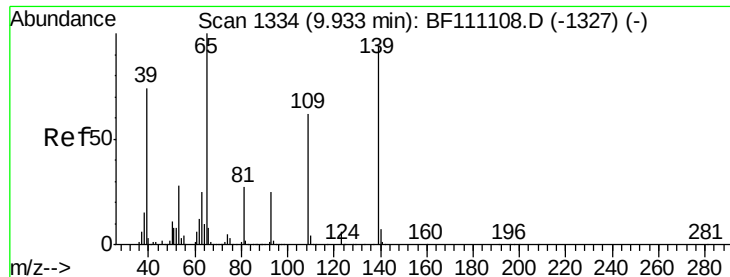
Abundance

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

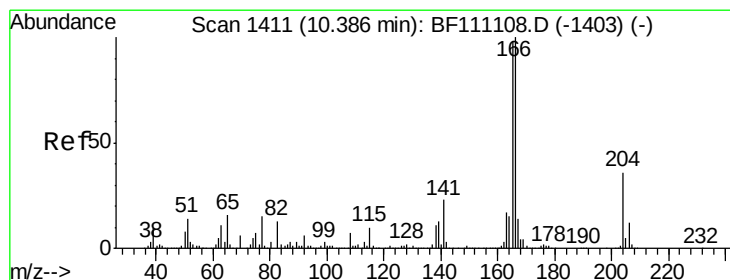
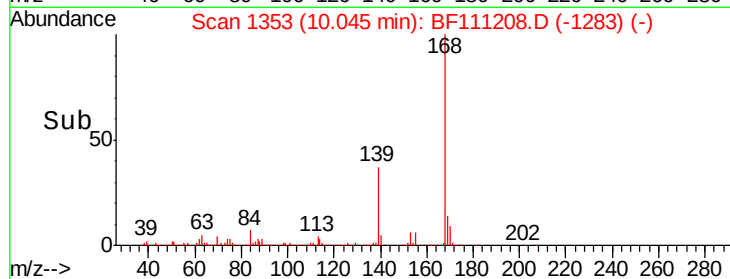
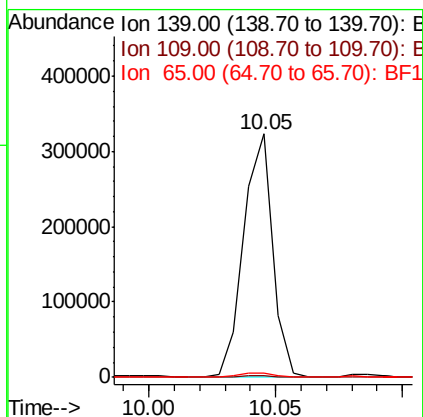
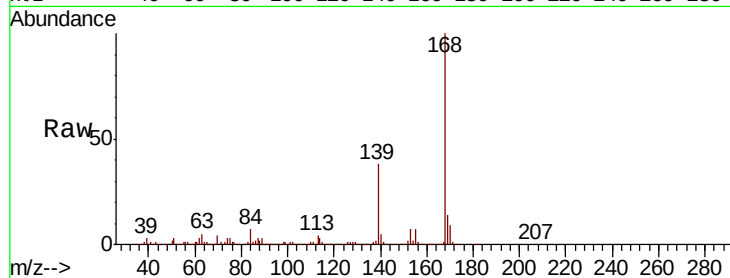




#56
4-Nitrophenol
Concen: 21.708 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.11 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

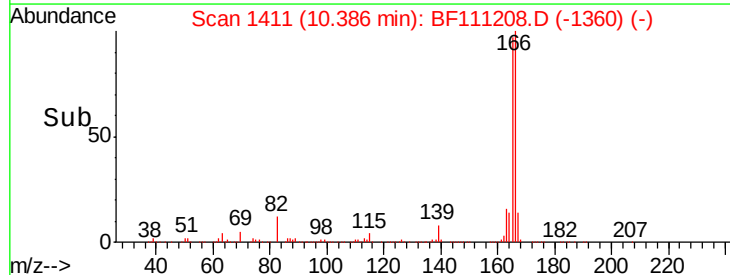
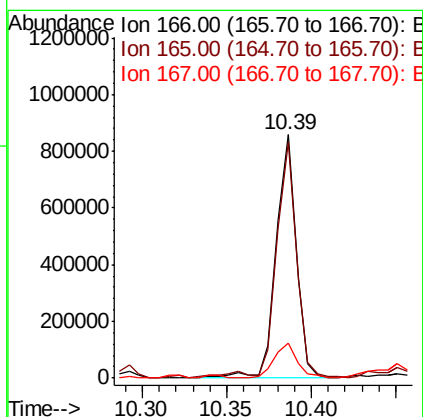
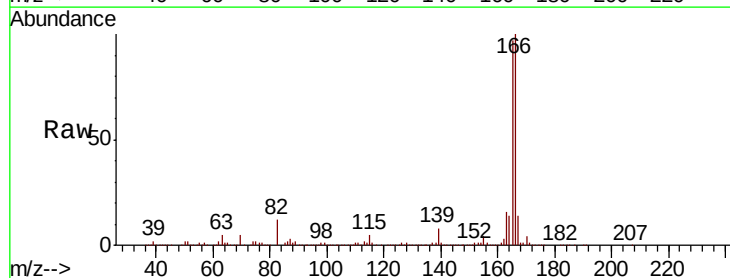
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

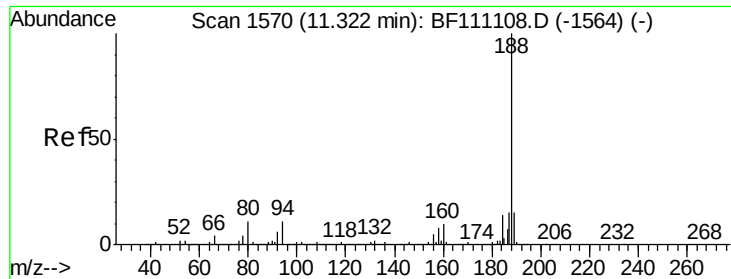
Tgt Ion:139 Resp: 257149
Ion Ratio Lower Upper
139 100
109 0.9 46.1 86.1#
65 1.7 87.0 127.0#



#58
Fluorene
Concen: 14.501 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:166 Resp: 701752
Ion Ratio Lower Upper
166 100
165 97.0 78.4 117.6
167 14.3 11.4 17.2

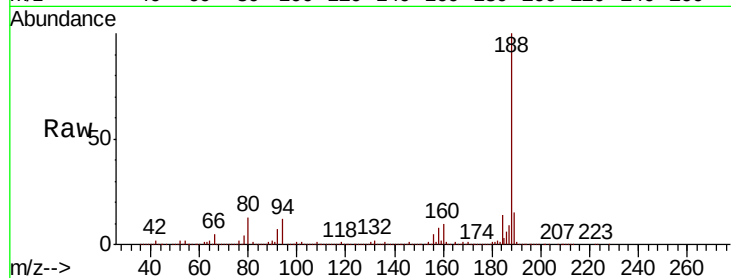




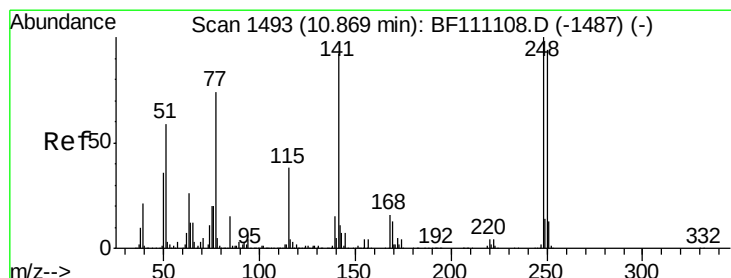
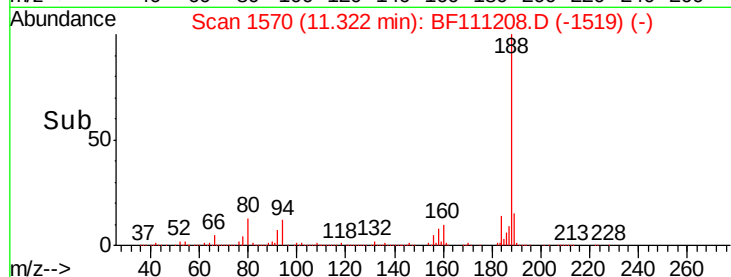
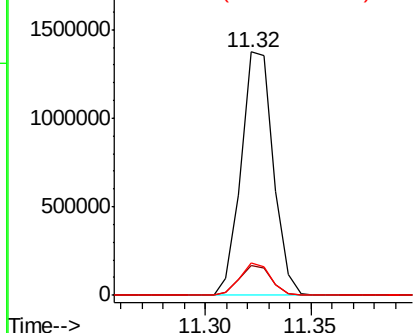
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:188 Resp: 1454157
 Ion Ratio Lower Upper
 188 100
 94 12.3 8.5 12.7
 80 13.4 9.0 13.6

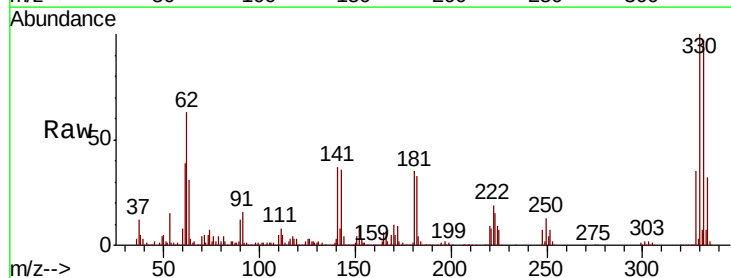


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

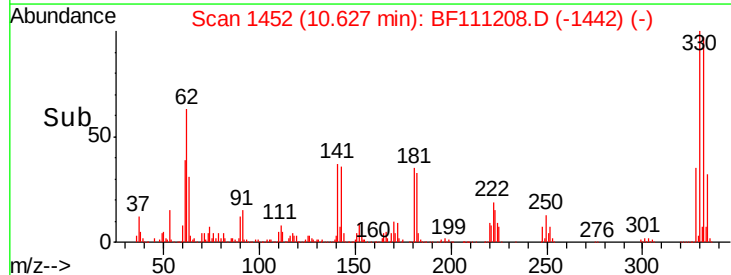
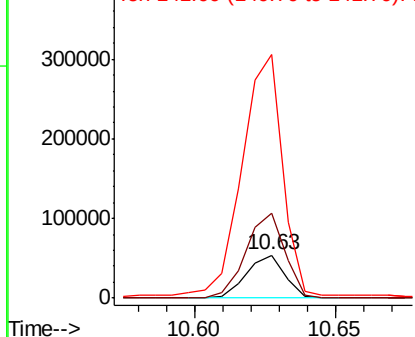


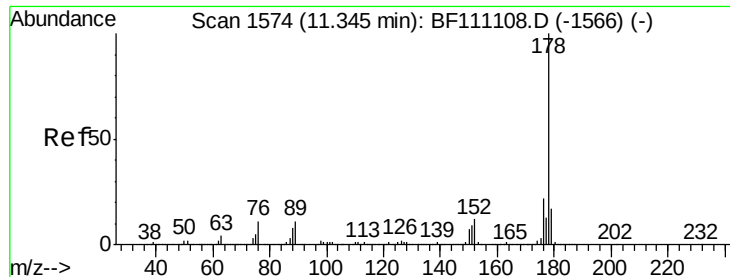
#67
 4-Bromophenyl-phenylether
 Concen: 3.254 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Tgt Ion:248 Resp: 50088
 Ion Ratio Lower Upper
 248 100
 250 198.4 75.4 113.0#
 141 568.1 73.8 110.6#



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





#71

Phenanthrene

Concen: 81.340 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

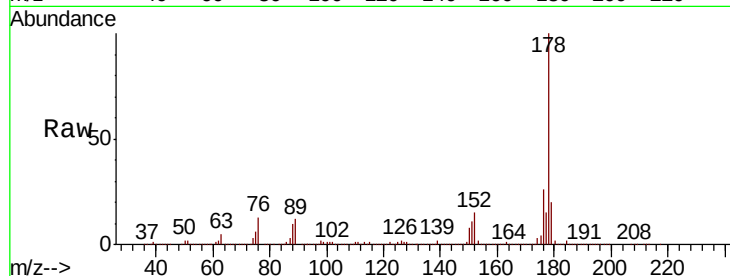
Tgt Ion:178 Resp: 5689543

Ion Ratio Lower Upper

178 100

176 26.1 17.7 26.5

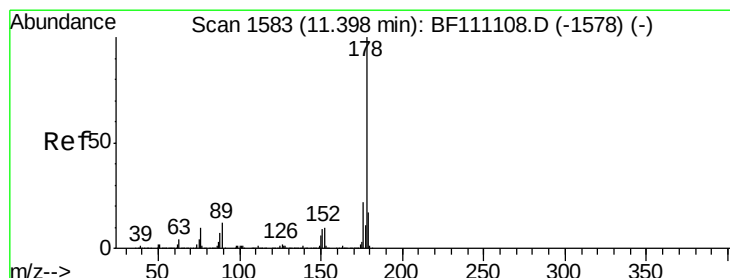
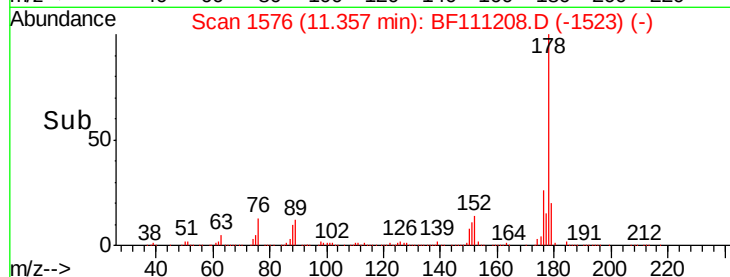
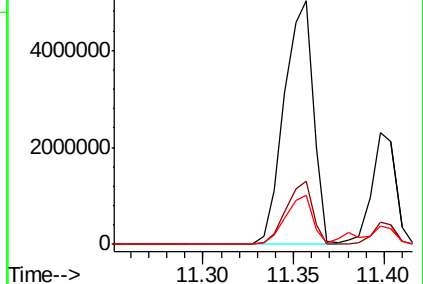
179 20.4 14.0 21.0



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: 28.809 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

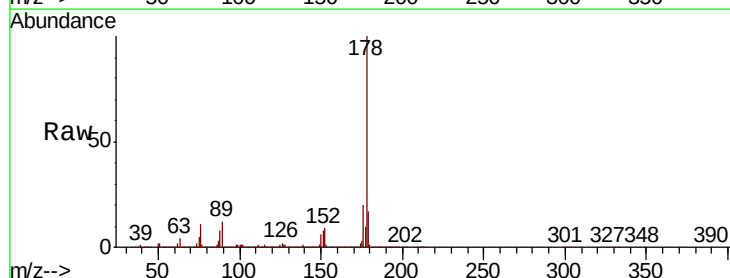
Tgt Ion:178 Resp: 2031250

Ion Ratio Lower Upper

178 100

176 19.9 17.3 25.9

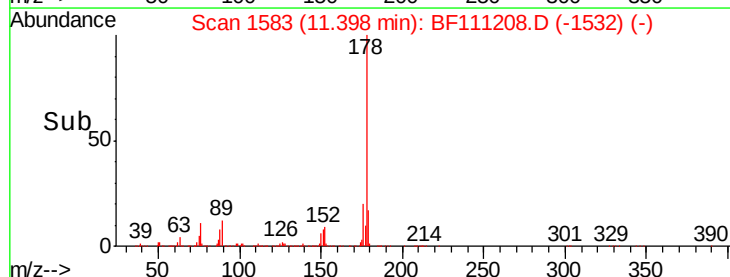
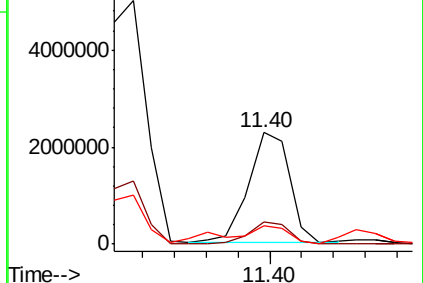
179 16.6 13.8 20.8

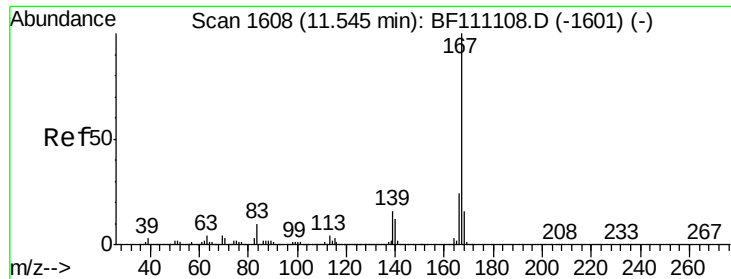


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

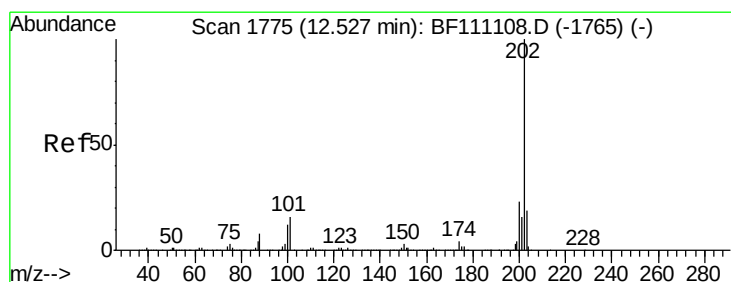
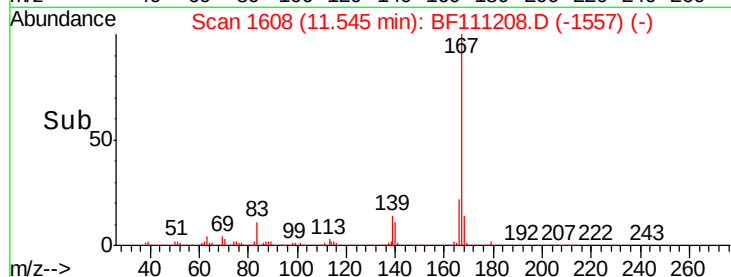
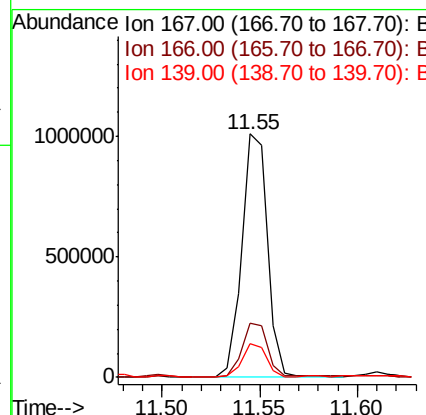
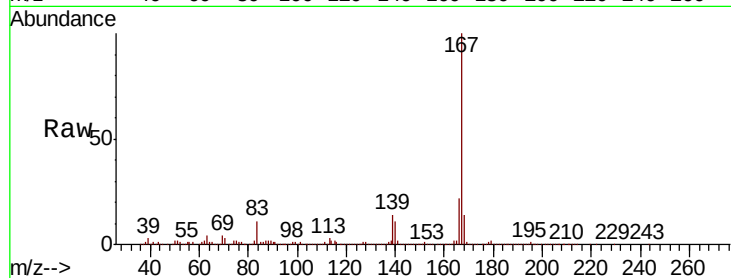




#73
 Carbazole
 Concen: 12.550 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

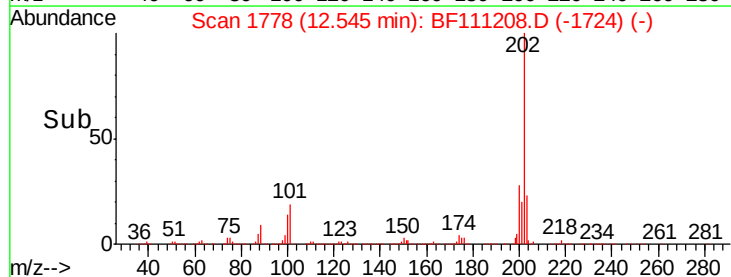
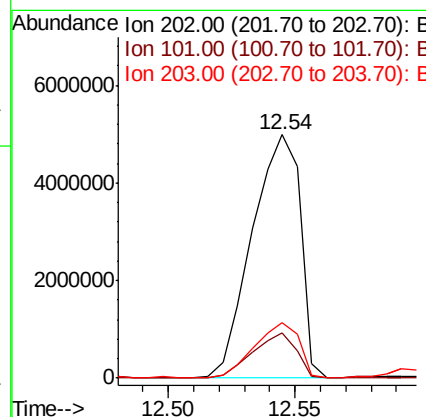
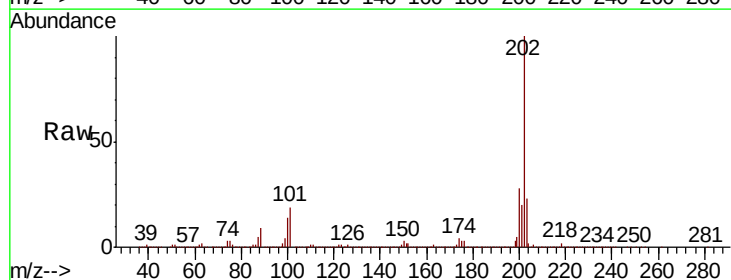
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

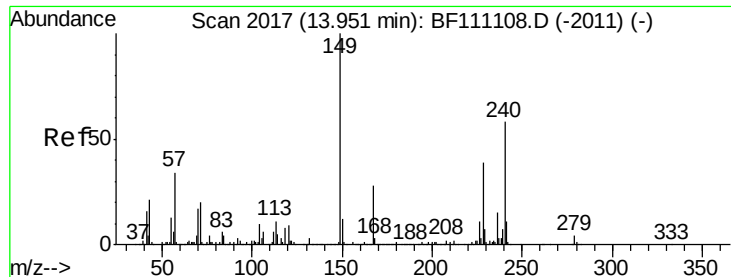
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.4	29.0
139	13.9	12.6	18.8



#75
 Fluoranthene
 Concen: 96.901 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.02 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.6	0.0	35.8
203	23.0	0.0	38.6

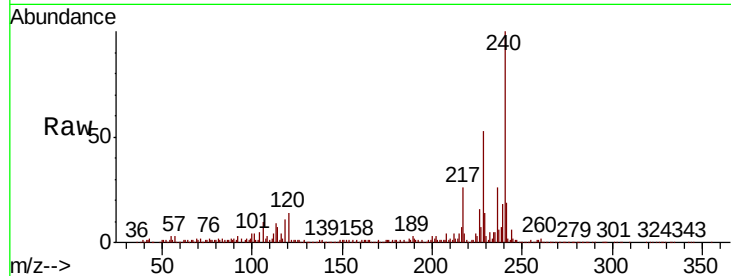




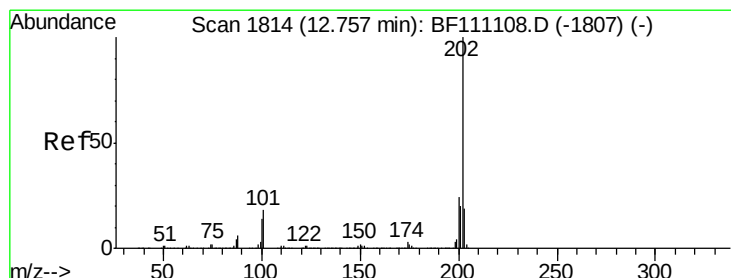
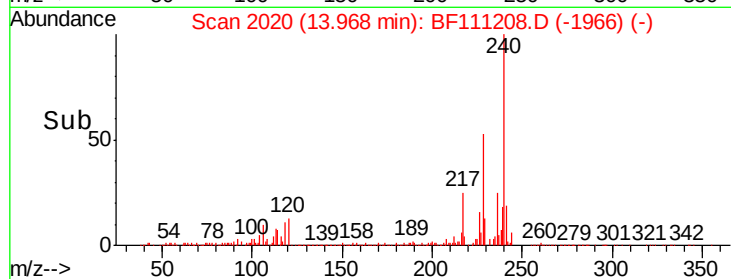
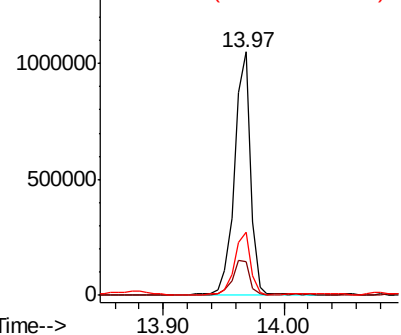
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:240 Resp: 972247
Ion Ratio Lower Upper
240 100
120 13.6 12.8 19.2
236 26.0 21.1 31.7

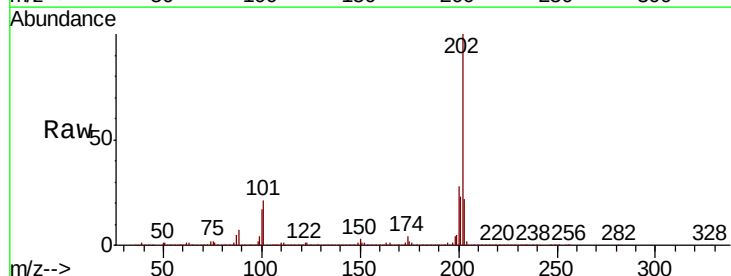


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

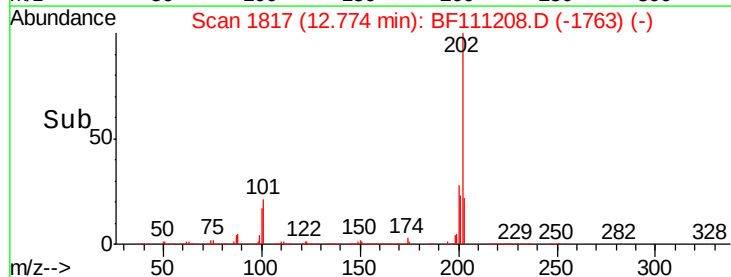
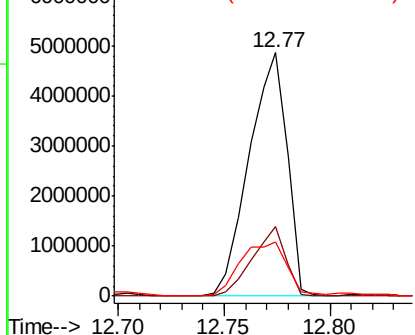


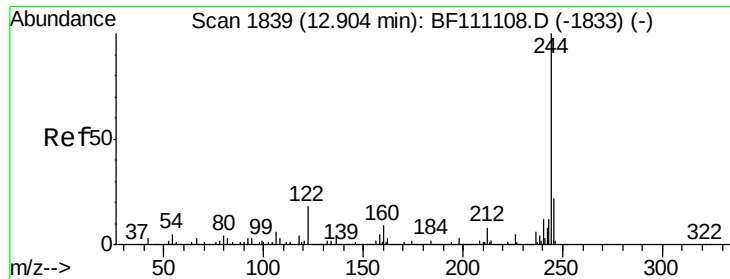
#78
Pyrene
Concen: 79.768 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:202 Resp: 6042011
Ion Ratio Lower Upper
202 100
200 28.3 19.3 28.9
203 22.4 15.4 23.2



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

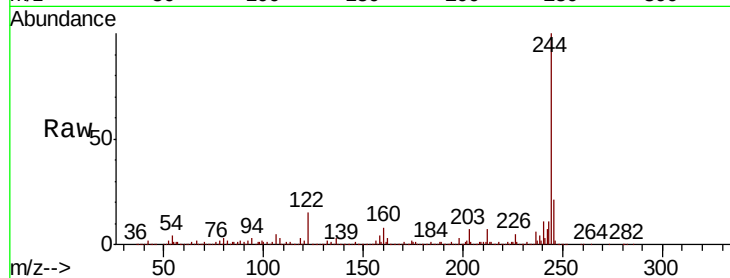




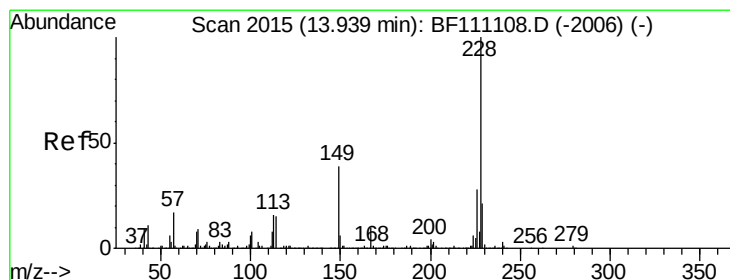
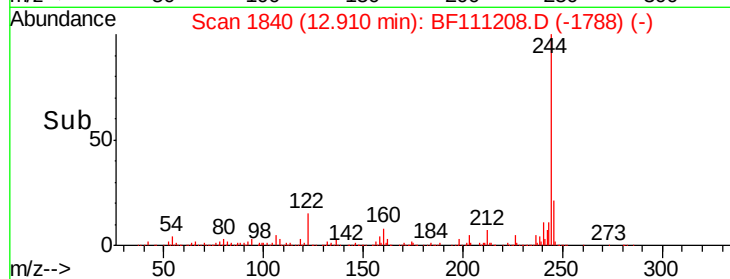
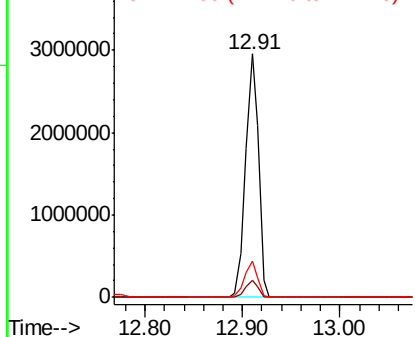
#79
 Terphenyl-d14
 Concen: 57.127 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:244 Resp: 2711995
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 9.8
 122 15.1 14.2 21.2

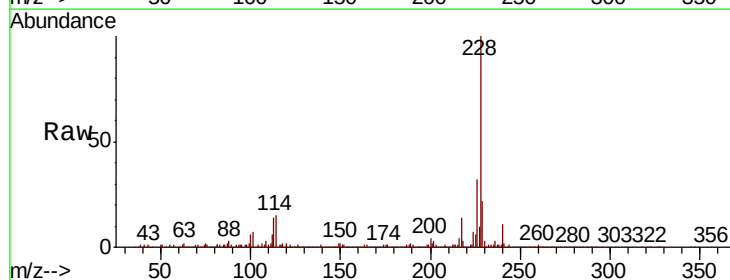


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

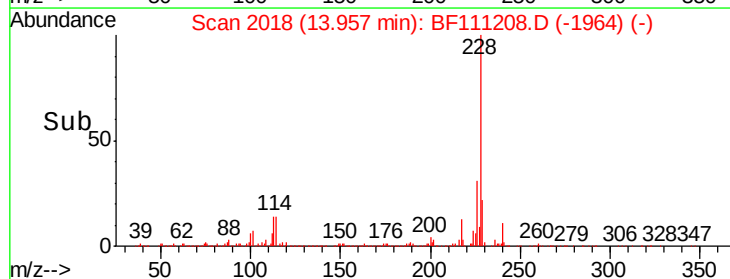
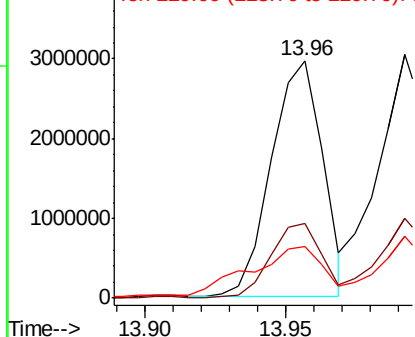


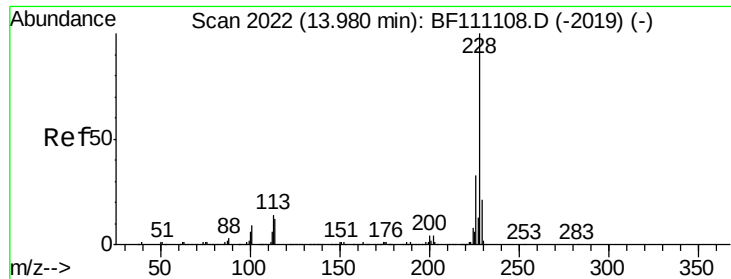
#81
 Benzo(a)anthracene
 Concen: 65.631 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.02 min
 Lab File: BF111208.D
 Acq: 8 Dec 2018 1:34

Tgt Ion:228 Resp: 3738586
 Ion Ratio Lower Upper
 228 100
 226 31.7 22.6 34.0
 229 22.0 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

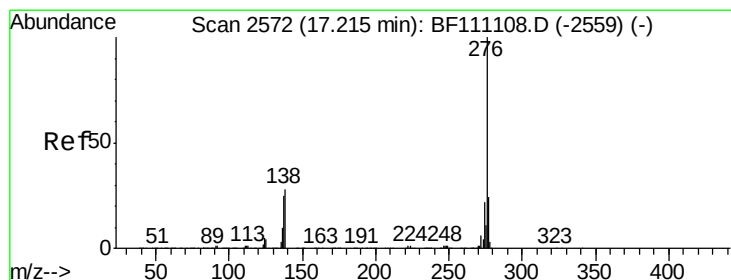
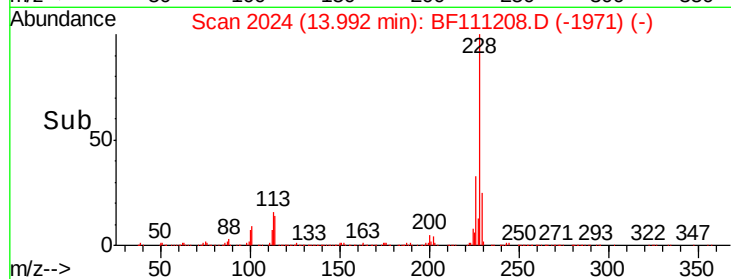
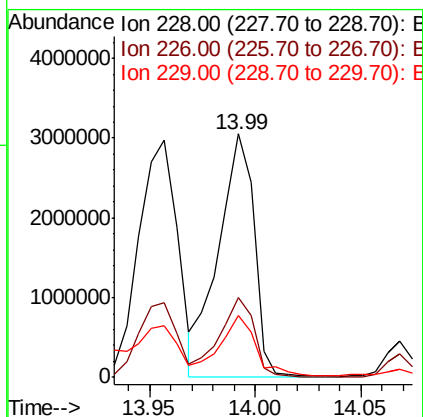
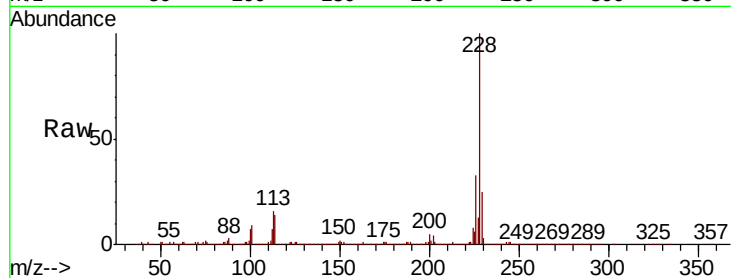




#83
Chrysene
Concen: 62.436 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

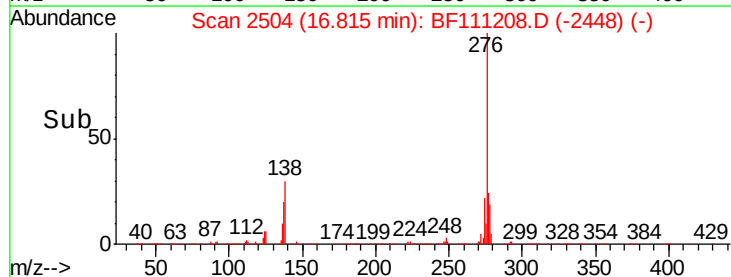
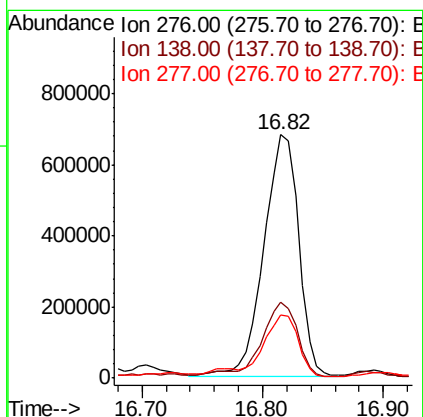
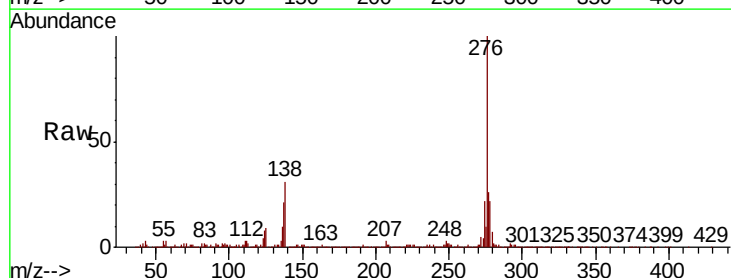
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

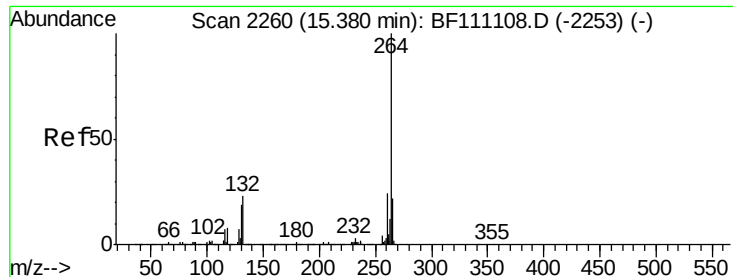
Tgt Ion:228 Resp: 3530758
Ion Ratio Lower Upper
228 100
226 32.9 26.2 39.2
229 25.2 16.9 25.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.773 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:276 Resp: 1351806
Ion Ratio Lower Upper
276 100
138 31.7 20.2 30.4#
277 24.8 15.8 23.6#





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

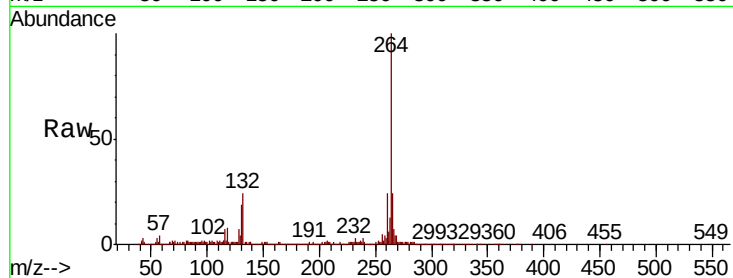
Tgt Ion:264 Resp: 967945

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

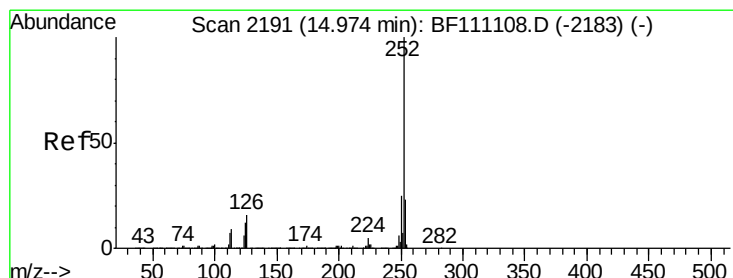
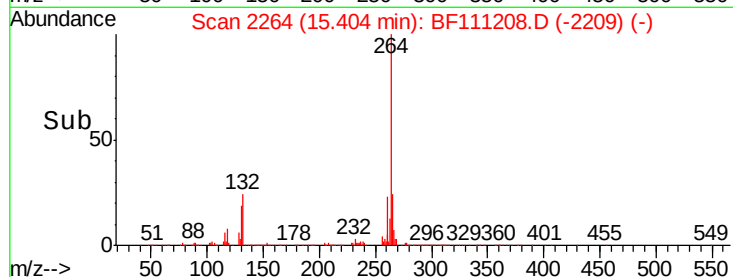
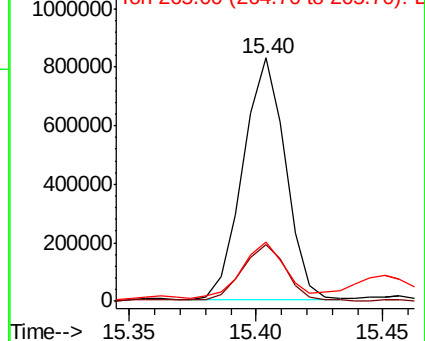
265 24.3 17.4 26.0



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: 101.426 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

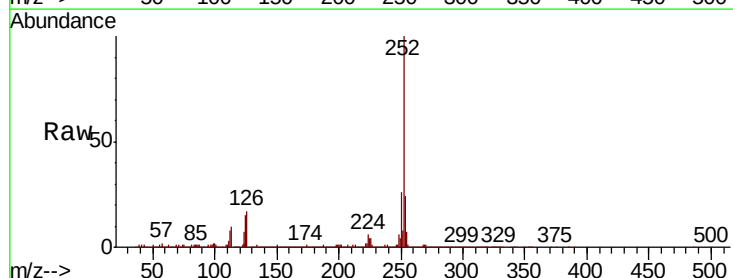
Tgt Ion:252 Resp: 5563023

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

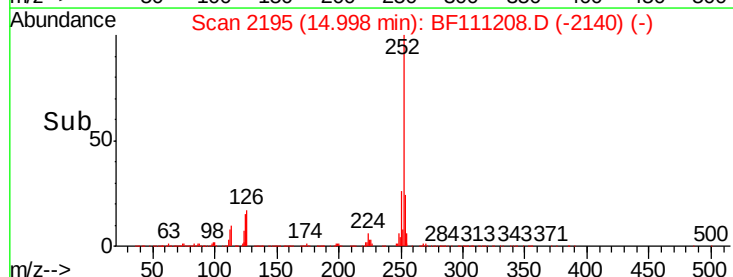
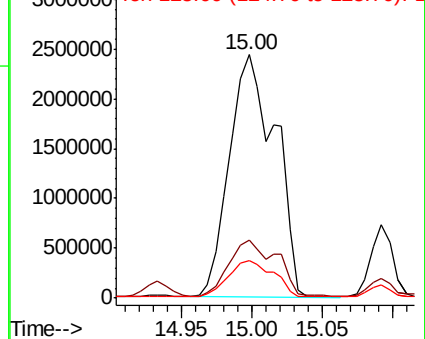
125 15.3 9.9 14.9#

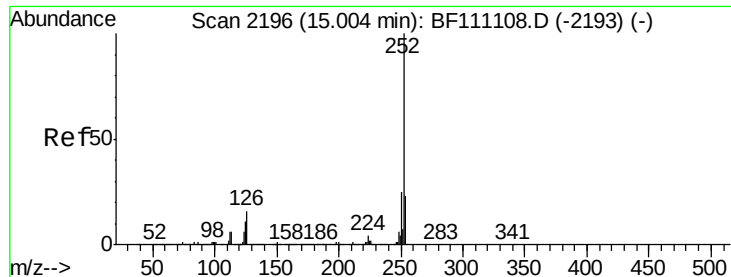


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

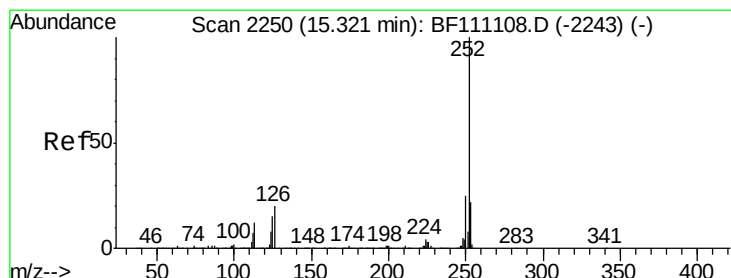
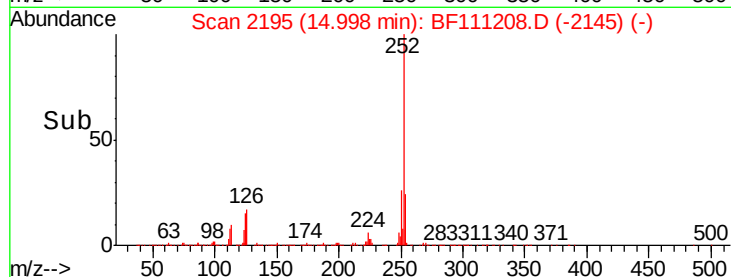
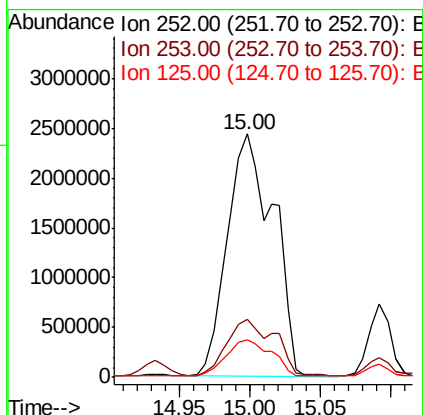
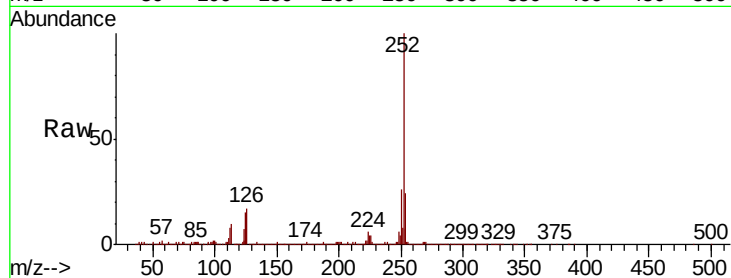




#89
Benzo(k)fluoranthene
Concen: 104.917 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

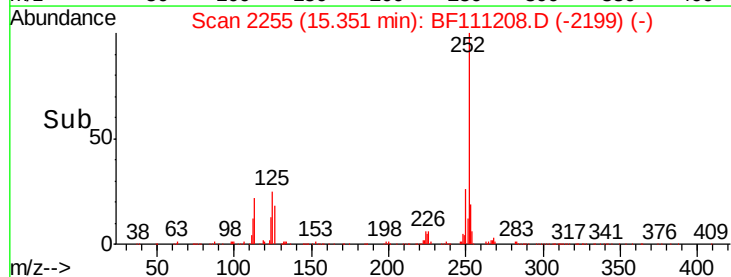
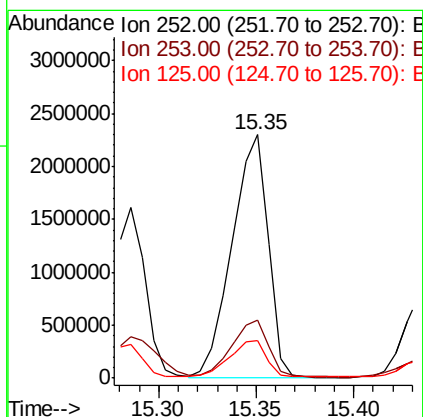
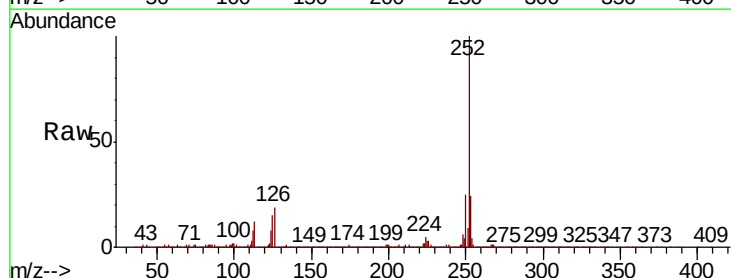
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

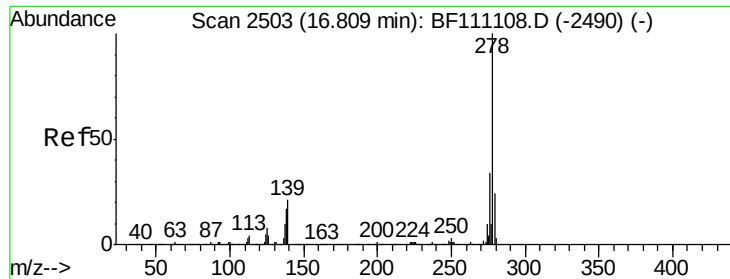
Tgt Ion:252 Resp: 5563023
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.4
125 15.3 9.9 14.9#



#90
Benzo(a)pyrene
Concen: 58.326 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.03 min
Lab File: BF111208.D
Acq: 8 Dec 2018 1:34

Tgt Ion:252 Resp: 2934317
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 15.5 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 8.962 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

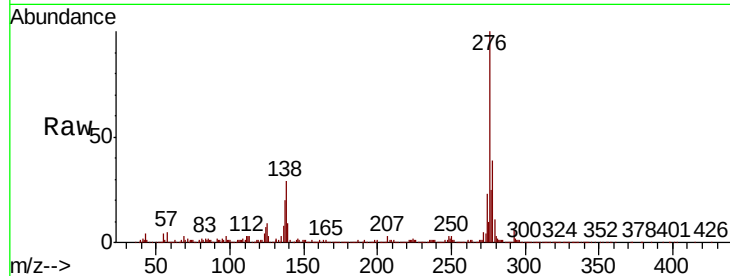
Tgt Ion: 278 Resp: 378340

Ion Ratio Lower Upper

278 100

139 23.5 16.6 25.0

279 28.0 18.8 28.2

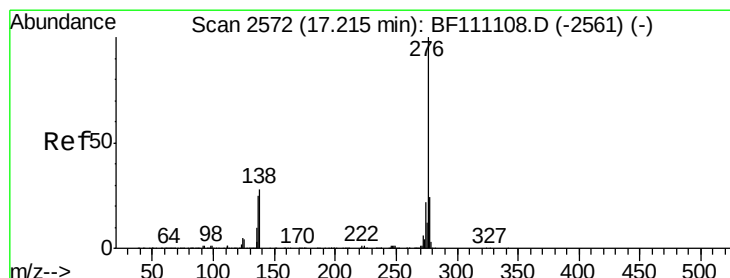
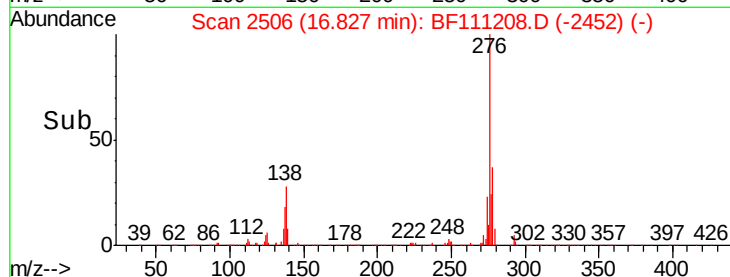
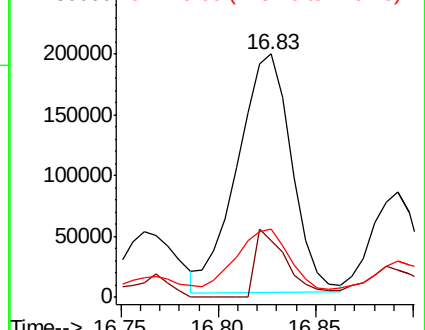


Abundance

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: 28.203 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.03 min

Lab File: BF111208.D

Acq: 8 Dec 2018 1:34

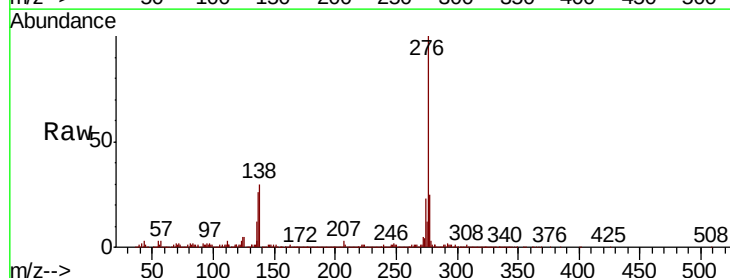
Tgt Ion: 276 Resp: 1196504

Ion Ratio Lower Upper

276 100

277 25.0 19.3 28.9

138 30.1 22.3 33.5



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

