

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111209.D
 Acq On : 8 Dec 2018 2:02
 Operator : JU/SJ
 Sample : J6260-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Dec 08 02:55:21 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	497832	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1759594	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	784486	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	938872	20.00	ng	0.00
76) Chrysene-d12	13.97	240	934041	20.00	ng	0.02
87) Perylene-d12	15.40	264	601489	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3036565	95.18	ng	0.00
7) Phenol-d6	6.44	99	3791315	92.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	2364973	79.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	650642	104.34	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3342871	77.63	ng	0.00
79) Terphenyl-d14	12.91	244	2167419	47.52	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.35	77	3705	Below Cal		88
10) Phenol	6.45	94	267791	5.976 ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	323426	11.711 ng	#	76
25) Isophorone	7.36	82	2358157	43.233 ng	#	65
31) Naphthalene	8.11	128	1044212	13.630 ng		94
33) 4-Chloroaniline	8.11	127	137804	3.721 ng	#	35
37) 2-Methylnaphthalene	8.80	142	406433	7.691 ng		96
38) 1-Methylnaphthalene	8.90	142	308580	6.074 ng		100
46) 1,1'-Biphenyl	9.26	154	141381	2.202 ng		92
49) Acenaphthylene	9.70	152	221767	3.179 ng		93
50) Dimethylphthalate	9.55	163	265996	4.872 ng		98
52) Acenaphthene	9.87	154	883911	19.181 ng		99
54) 2,4-Dinitrophenol	9.99	184	405	6.705 ng	#	1
55) Dibenzofuran	10.05	168	1038783	16.366 ng		91
56) 4-Nitrophenol	10.05	139	386790	35.301 ng	#	6
58) Fluorene	10.39	166	914078	20.422 ng		100
67) 4-Bromophenyl-phenylether	10.63	248	43682	4.395 ng	#	1
71) Phenanthrene	11.36	178	5243877	116.115 ng		96
72) Anthracene	11.40	178	1870456	41.089 ng		97
73) Carbazole	11.55	167	849228	17.928 ng		96
75) Fluoranthene	12.54	202	5203218	117.742 ng		96
77) Benzidine	12.63	184	1820	Below Cal	#	1
78) Pyrene	12.77	202	4763157	65.456 ng		97
81) Benzo(a)anthracene	13.96	228	3083646	56.348 ng		97
83) Chrysene	13.96	228	3083646	56.760 ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	144639	3.406 ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	766573	17.574 ng	#	93
88) Benzo(b)fluoranthene	14.99	252	3248149	95.301 ng		99
89) Benzo(k)fluoranthene	14.99	252	3248149	98.581 ng		98
90) Benzo(a)pyrene	15.34	252	1649645	52.768 ng		96
91) Dibenzo(a,h)anthracene	16.83	278	203056	7.740 ng		93
92) Benzo(g,h,i)perylene	17.24	276	691296	26.222 ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

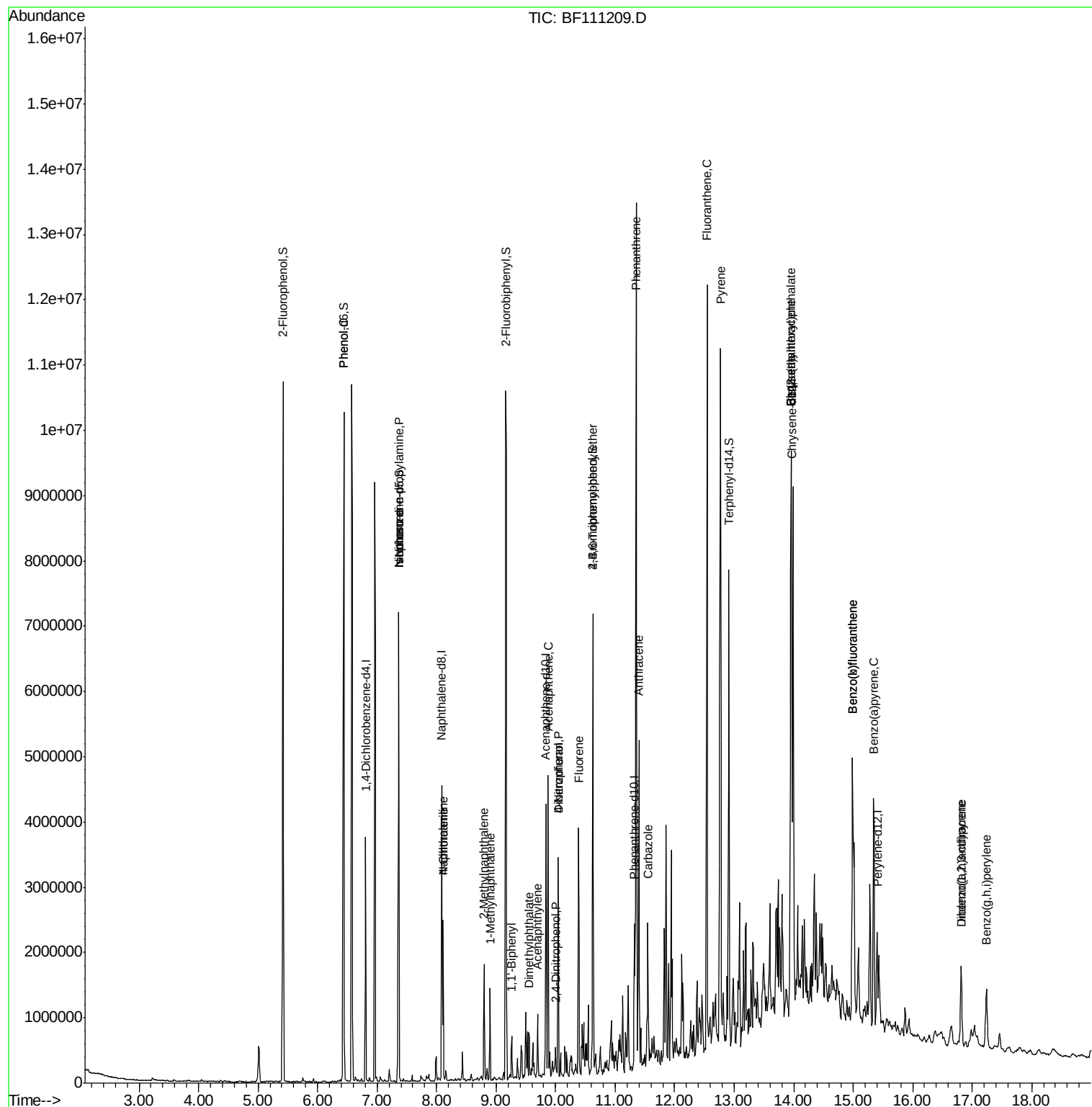
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

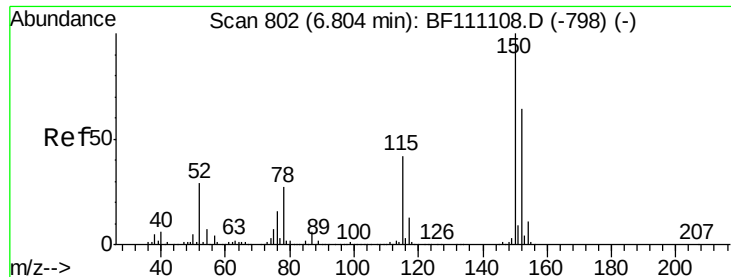
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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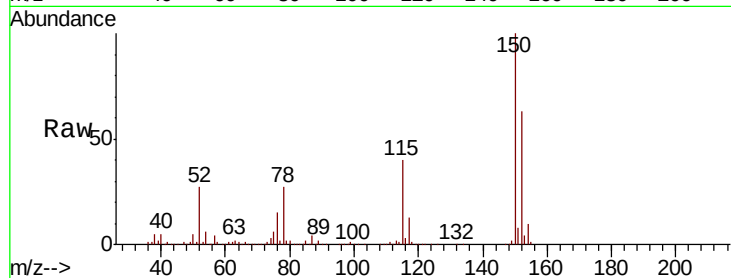


#1

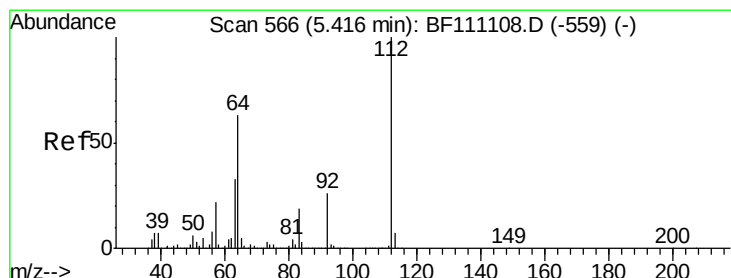
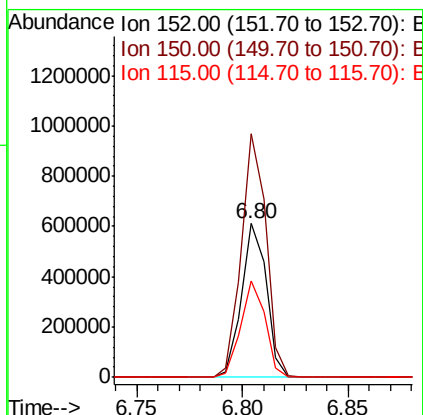
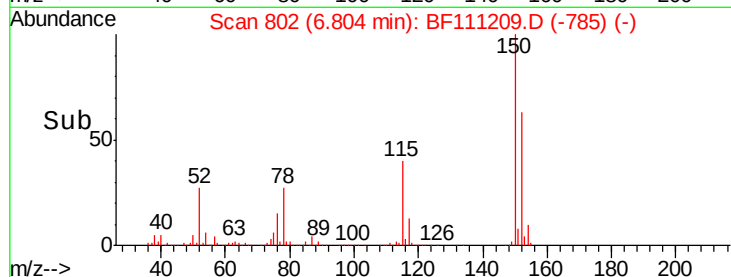
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 497832
Ion Ratio Lower Upper
152 100
150 158.2 124.6 187.0
115 63.0 52.2 78.2



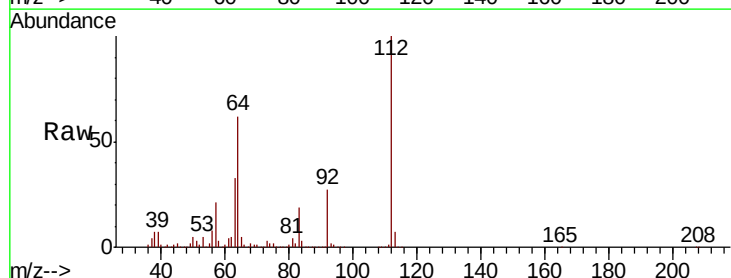
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



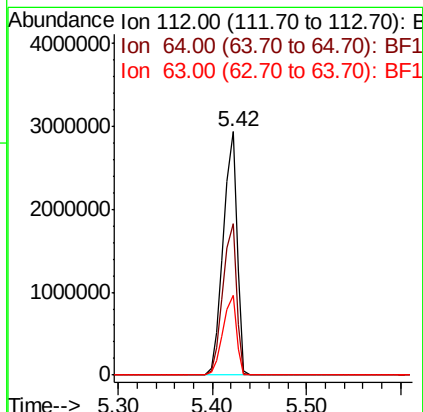
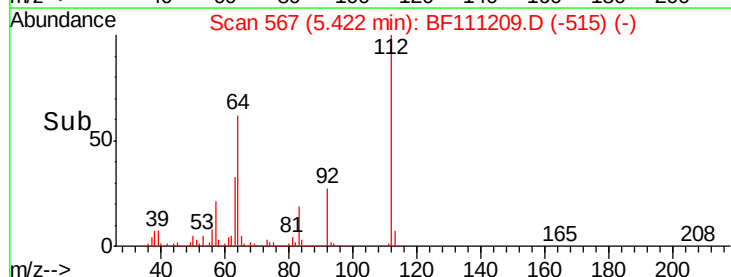
#5

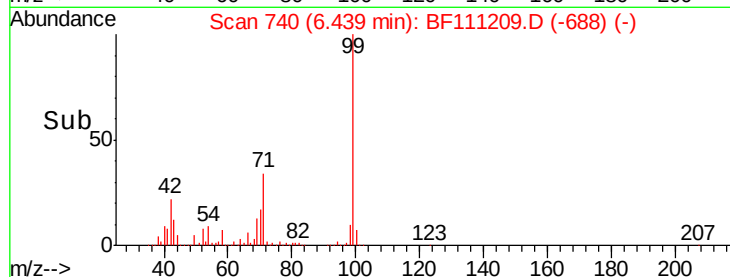
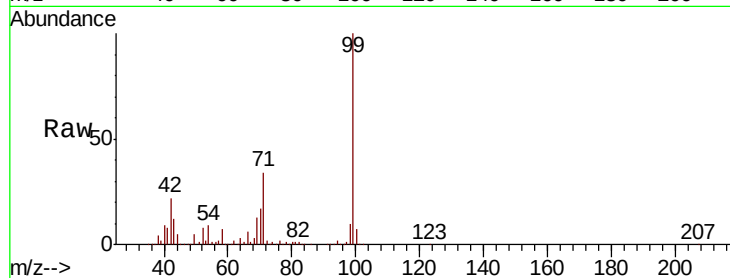
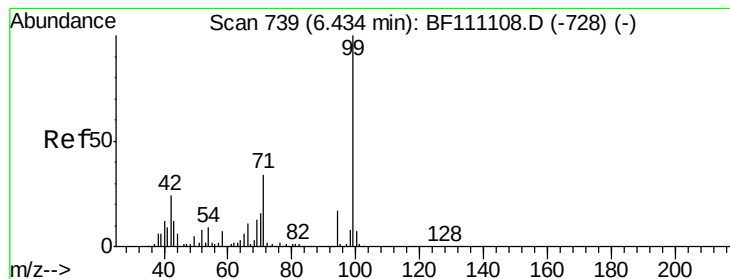
2-Fluorophenol
Concen: 95.181 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:112 Resp: 3036565
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 32.8 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: 92.254 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

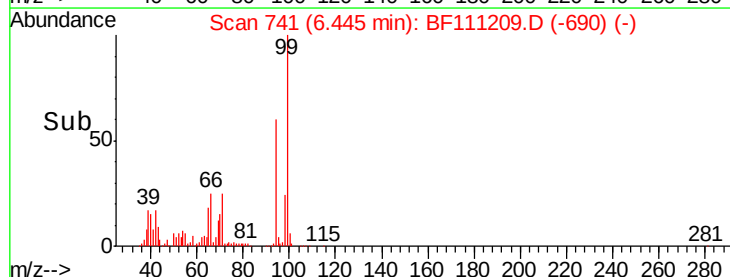
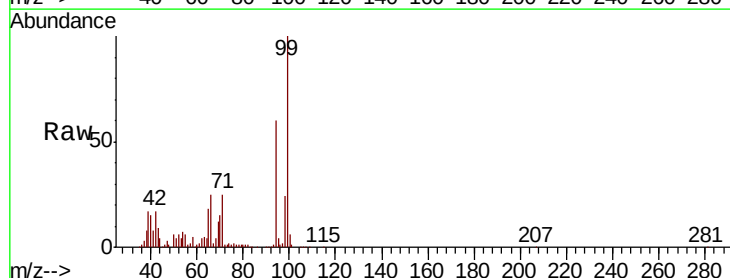
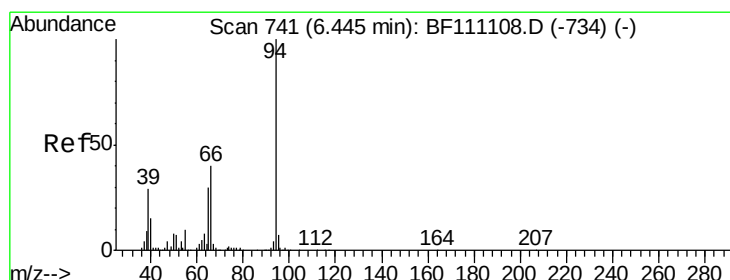
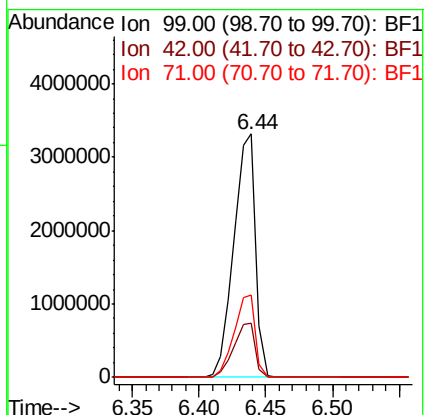
Tgt Ion: 99 Resp: 3791315

Ion Ratio Lower Upper

99 100

42 22.5 19.3 28.9

71 34.0 27.4 41.2



#10

Phenol

Concen: 5.976 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

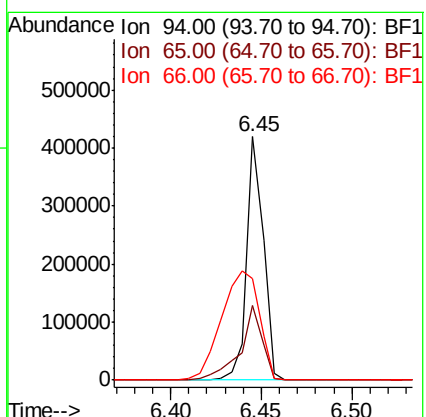
Tgt Ion: 94 Resp: 267791

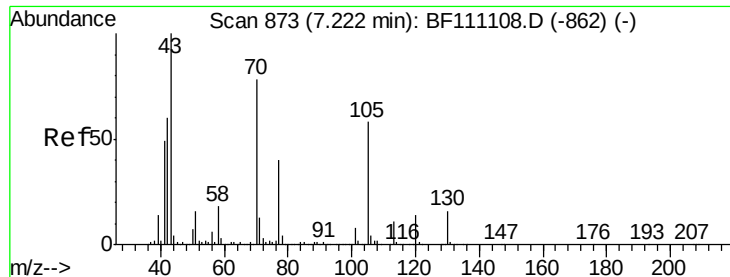
Ion Ratio Lower Upper

94 100

65 30.6 10.5 50.5

66 41.8 19.8 59.8

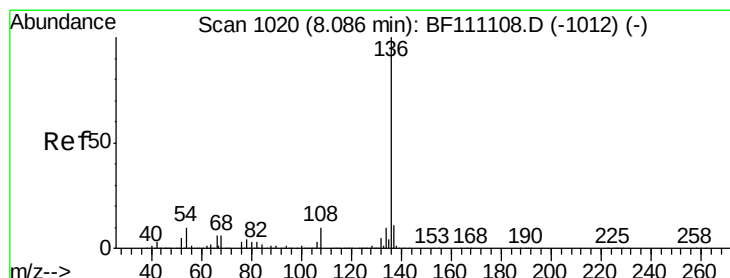
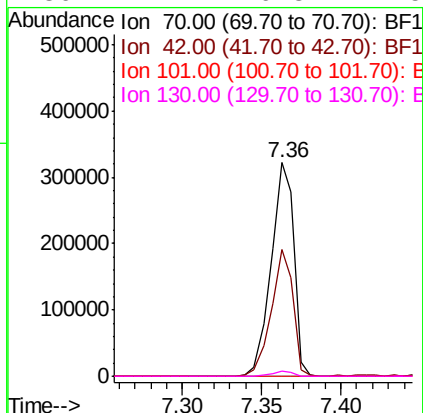
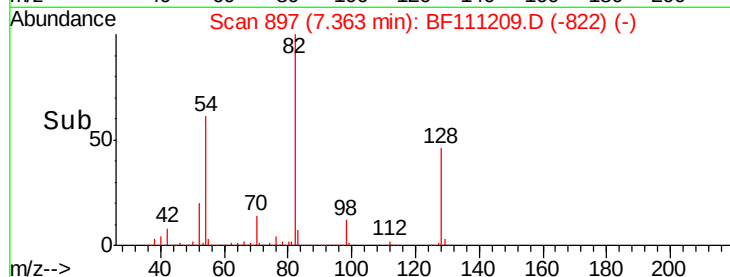
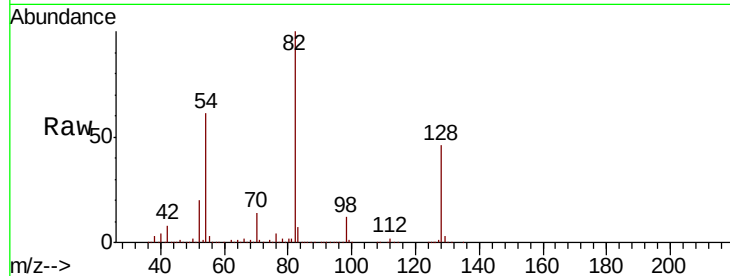




#19
n-Nitroso-di-n-propylamine
Concen: 11.711 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

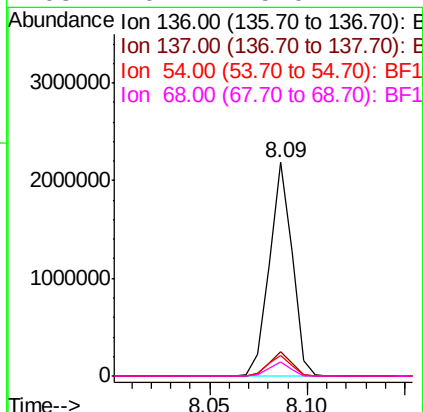
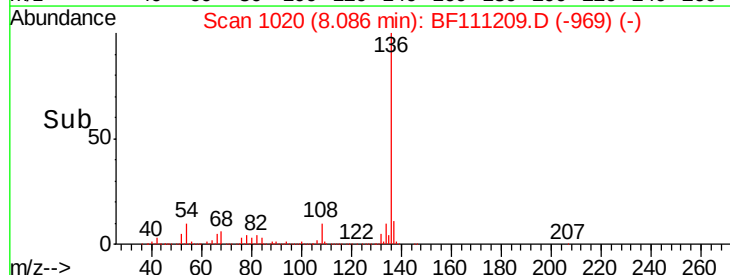
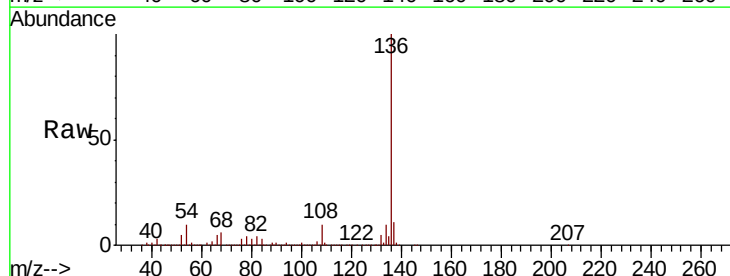
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

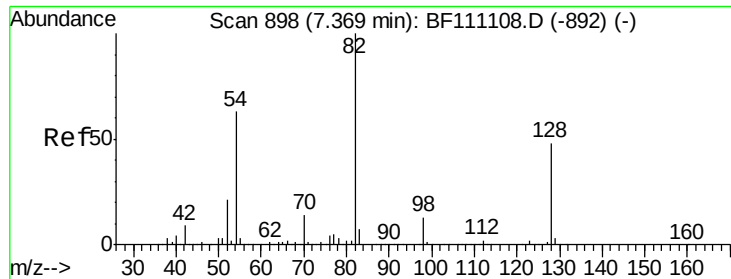
Tgt Ion: 70 Resp: 323426
Ion Ratio Lower Upper
70 100
42 59.2 61.3 91.9#
101 0.0 7.7 11.5#
130 2.2 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:136 Resp: 1759594
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.9 8.4 12.6
68 6.4 5.0 7.4

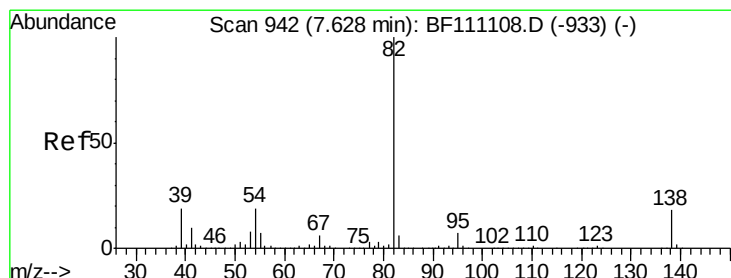
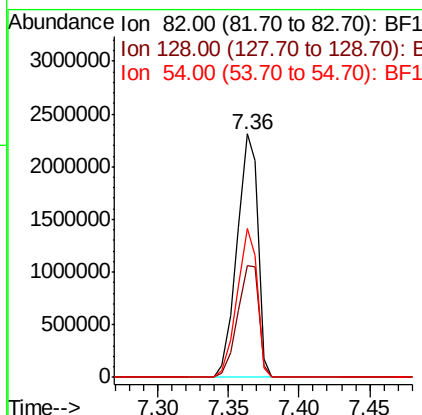
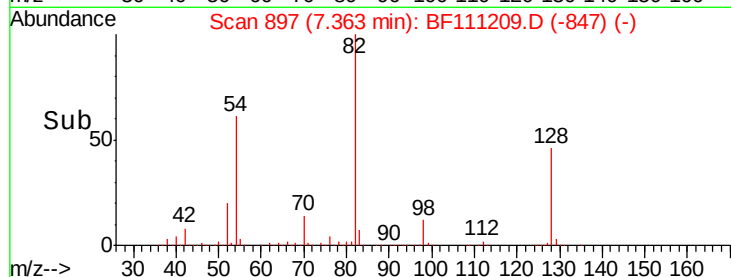
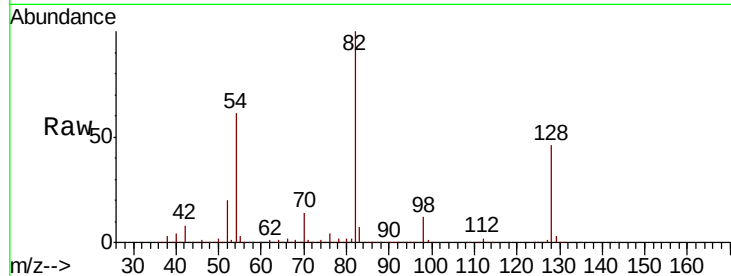




#23
 Nitrobenzene-d5
 Concen: 79.572 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

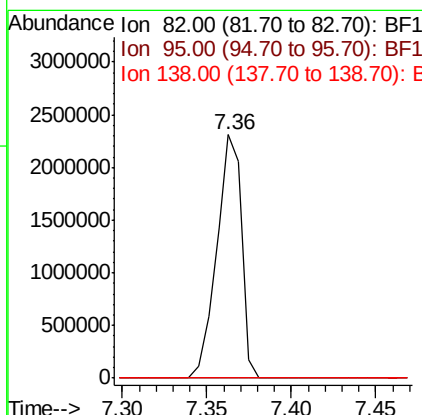
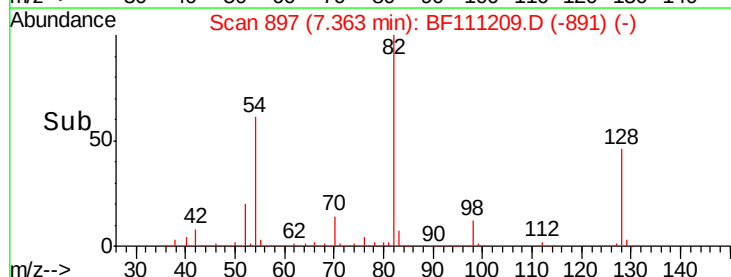
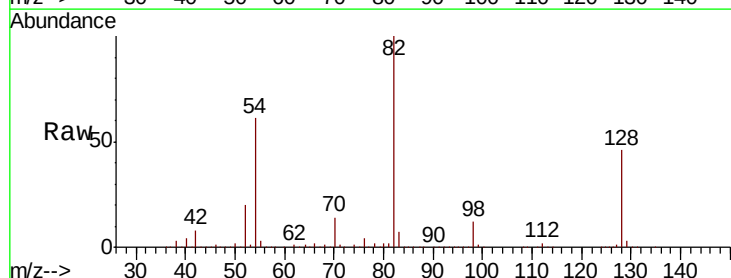
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

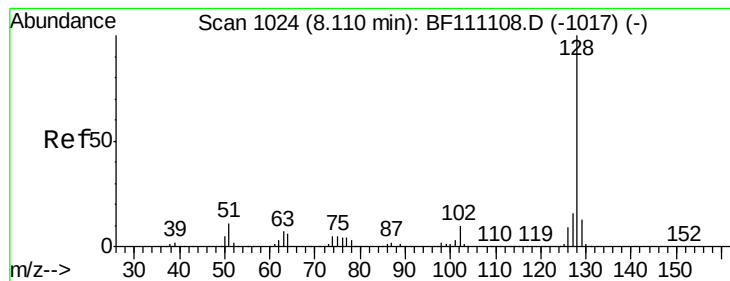
Tgt Ion: 82 Resp: 2364973
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.1 57.1
 54 61.2 50.3 75.5



#25
 Isophorone
 Concen: 43.233 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Tgt Ion: 82 Resp: 2358157
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#31

Naphthalene

Concen: 13.630 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

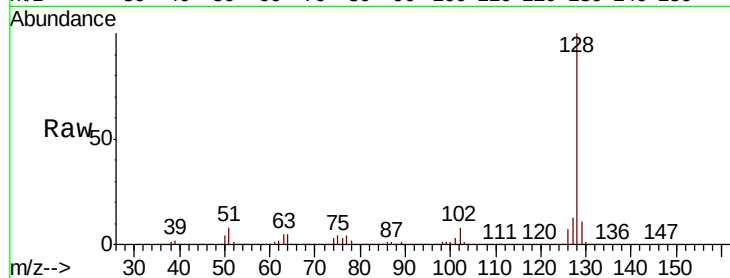
Tgt Ion:128 Resp: 1044212

Ion Ratio Lower Upper

128 100

129 10.8 10.5 15.7

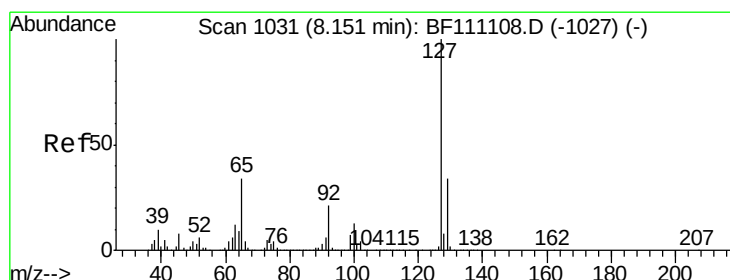
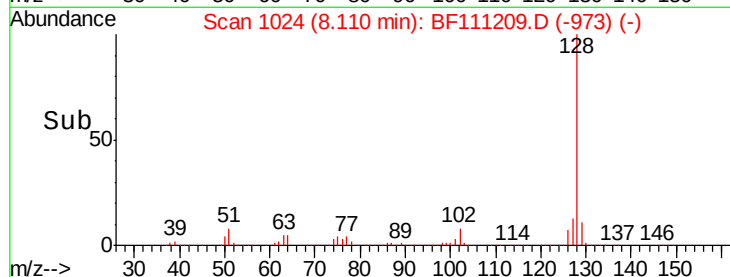
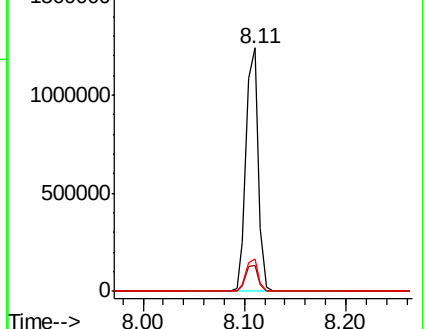
127 13.1 12.5 18.7



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: 3.721 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Tgt Ion:127 Resp: 137804

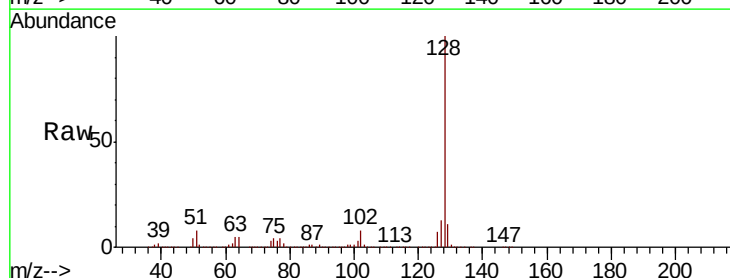
Ion Ratio Lower Upper

127 100

129 82.2 27.0 40.6#

65 0.0 27.2 40.8#

92 0.5 16.6 24.8#

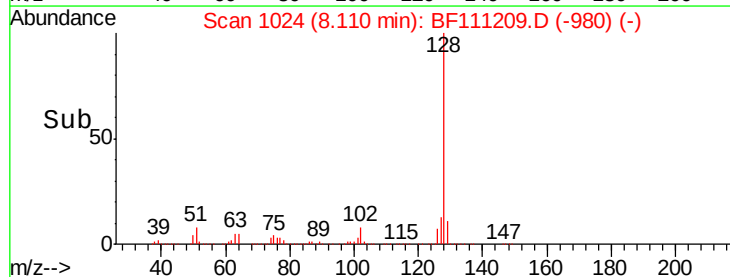
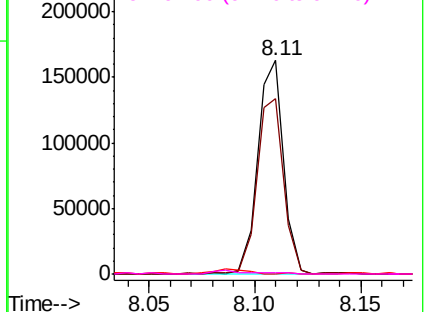


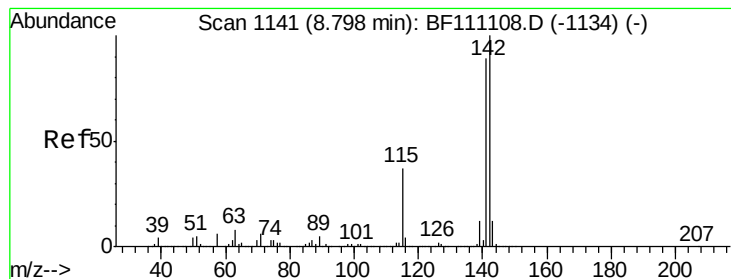
Abundance Ion 127.00 (126.70 to 127.70): E

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: 7.691 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

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ClientSampleId :

SB-02-COMP

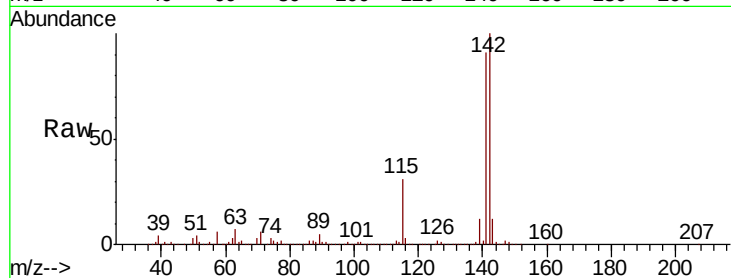
Tgt Ion:142 Resp: 406433

Ion Ratio Lower Upper

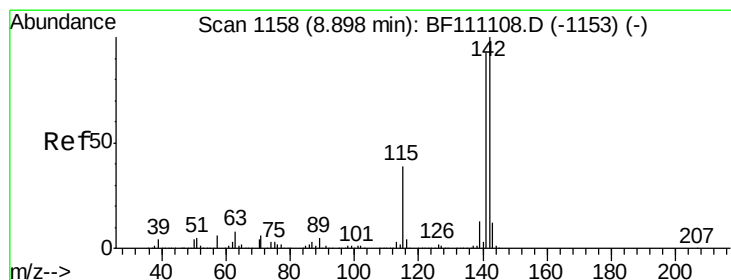
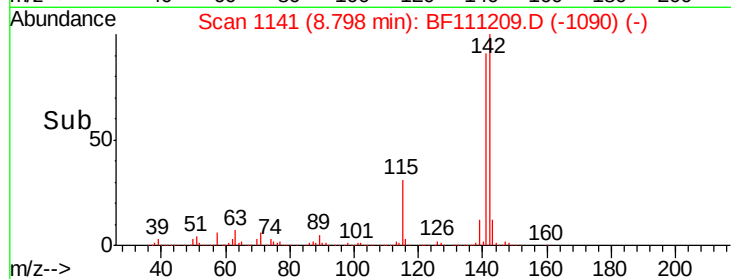
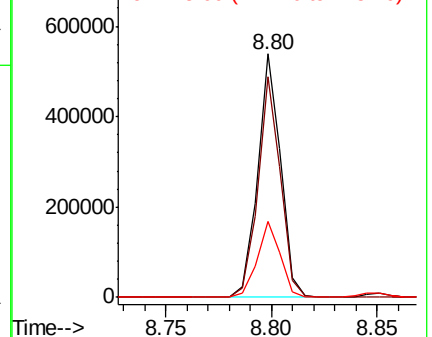
142 100

141 90.8 71.4 107.0

115 31.1 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: 6.074 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

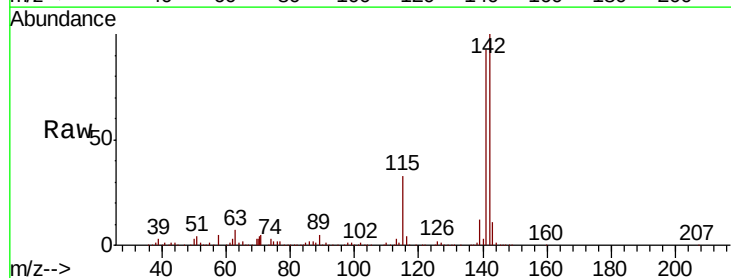
Tgt Ion:142 Resp: 308580

Ion Ratio Lower Upper

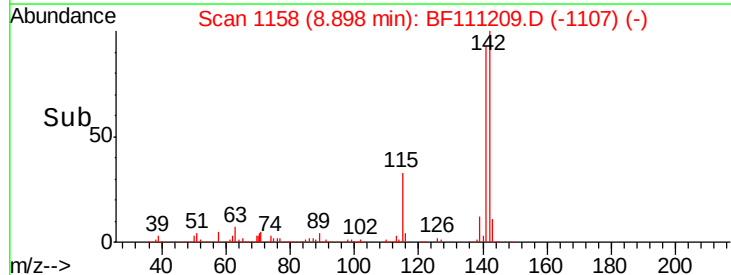
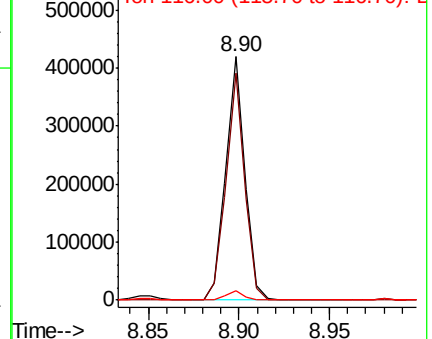
142 100

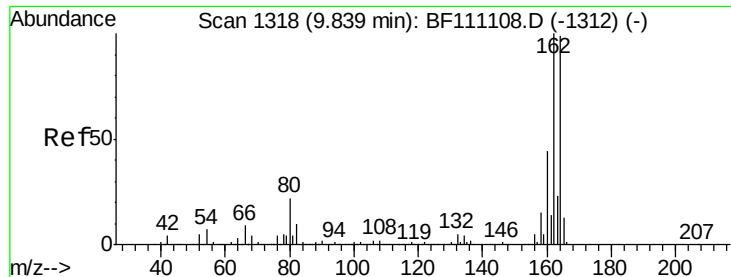
141 93.0 74.5 111.7

116 3.7 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

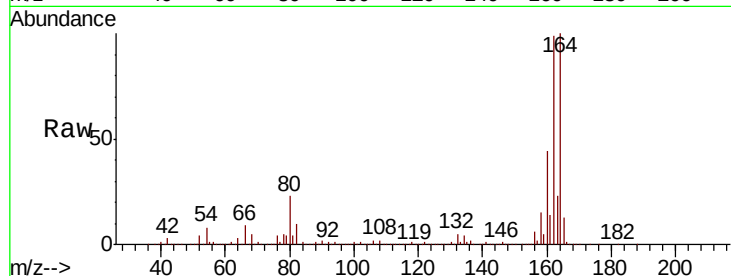




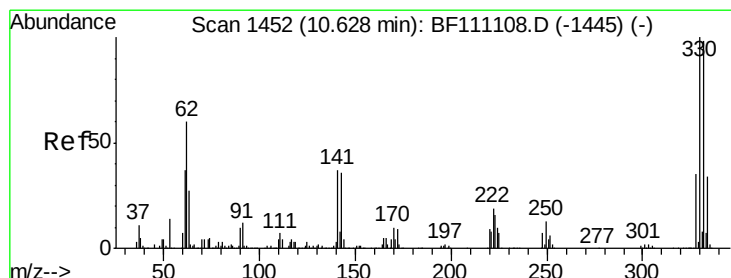
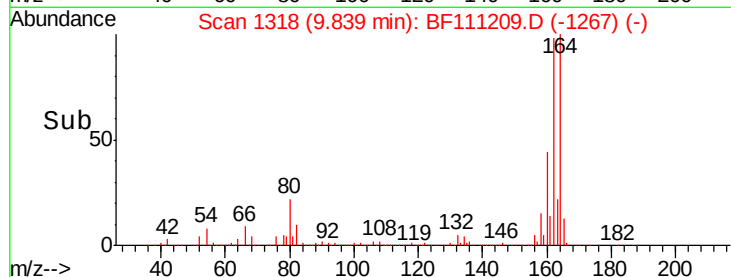
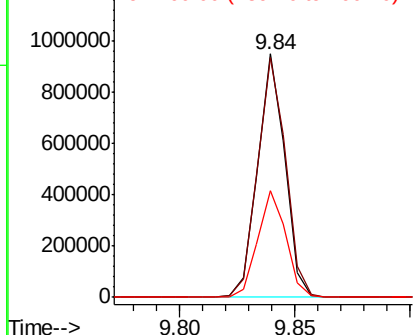
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:164 Resp: 784486
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 43.9 35.5 53.3

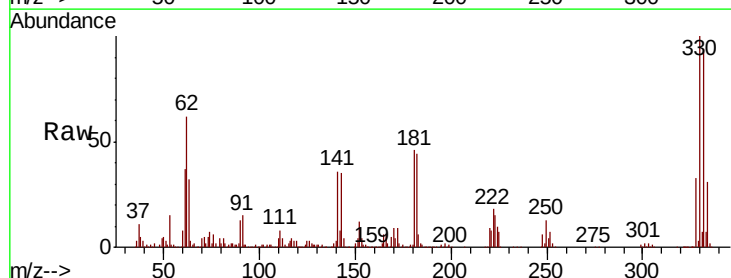


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

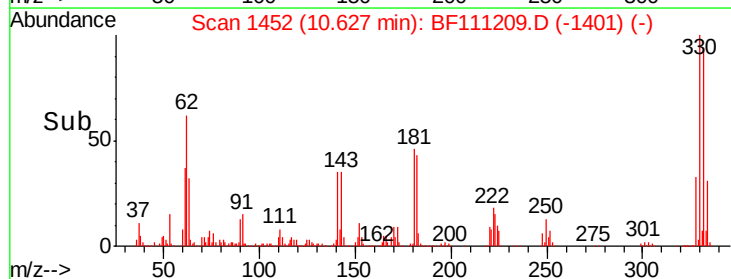
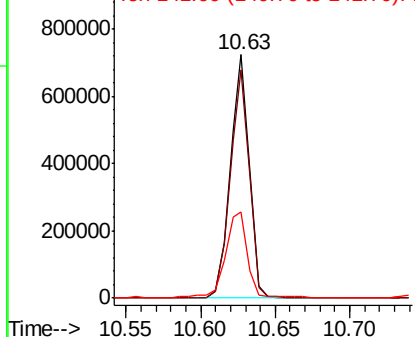


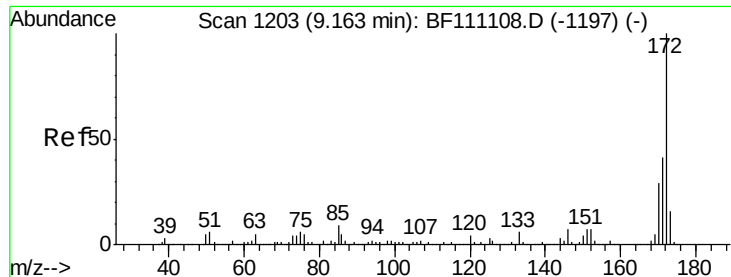
#42
2,4,6-Tribromophenol
Concen: 104.340 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:330 Resp: 650642
Ion Ratio Lower Upper
330 100
332 94.9 77.2 115.8
141 40.6 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

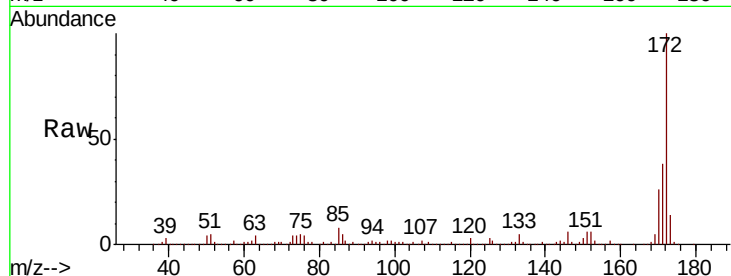




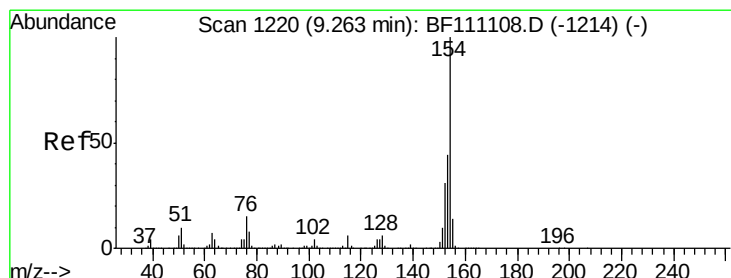
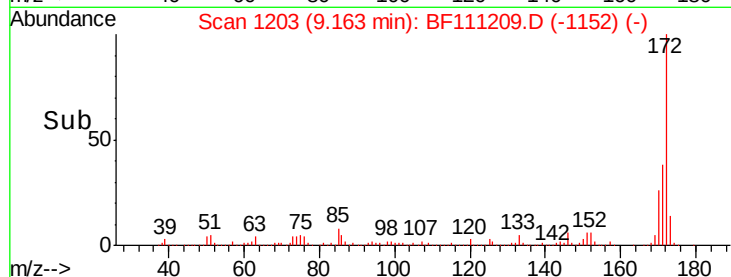
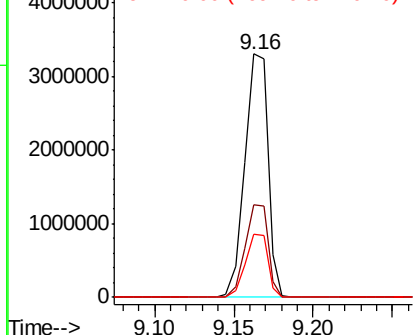
#45
2-Fluorobiphenyl
Concen: 77.632 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:172 Resp: 3342871
Ion Ratio Lower Upper
172 100
171 38.0 33.2 49.8
170 26.0 22.9 34.3

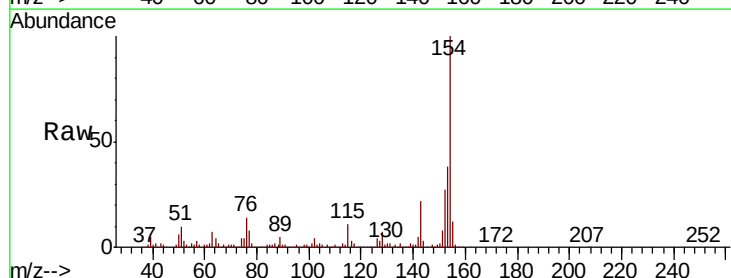


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

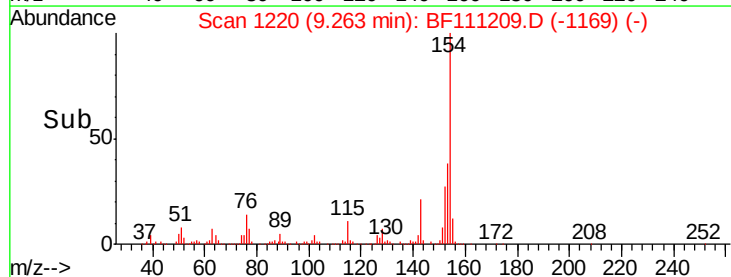
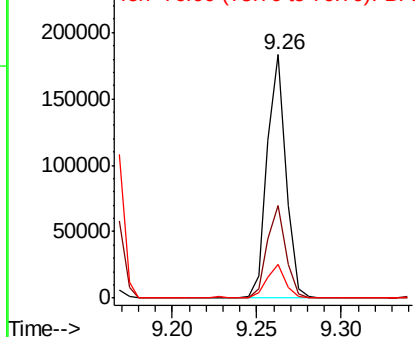


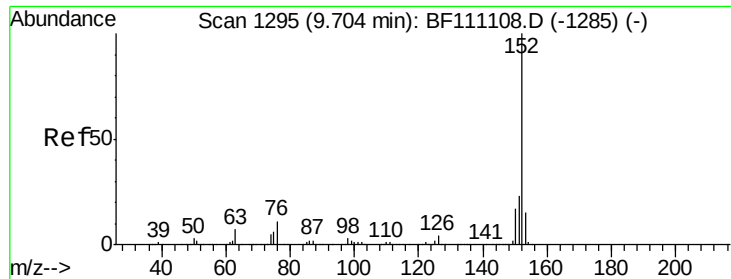
#46
1,1'-Biphenyl
Concen: 2.202 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:154 Resp: 141381
Ion Ratio Lower Upper
154 100
153 37.8 23.7 63.7
76 13.9 0.0 35.0



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





#49

Acenaphthylene

Concen: 3.179 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

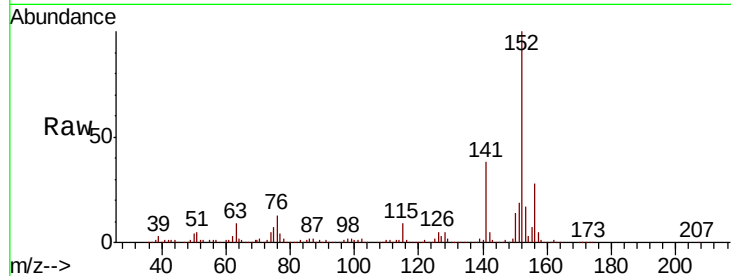
Tgt Ion:152 Resp: 221767

Ion Ratio Lower Upper

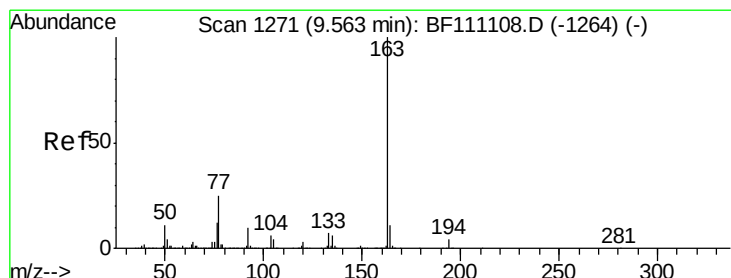
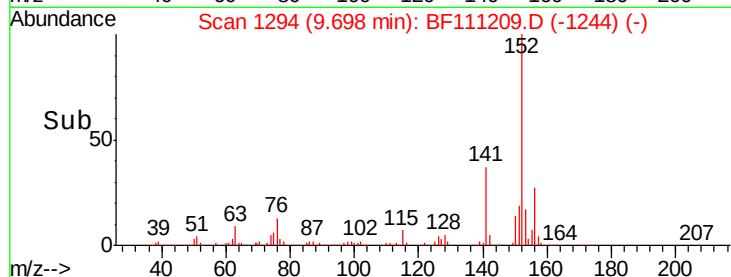
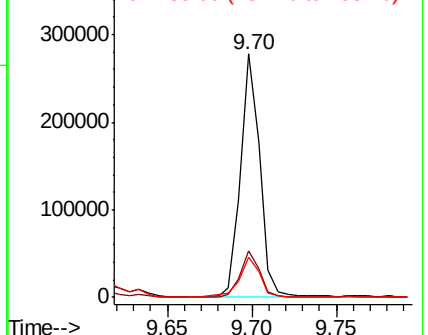
152 100

151 19.0 18.3 27.5

153 16.7 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: 4.872 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

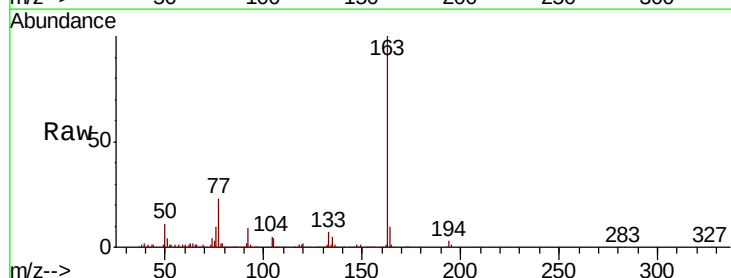
Tgt Ion:163 Resp: 265996

Ion Ratio Lower Upper

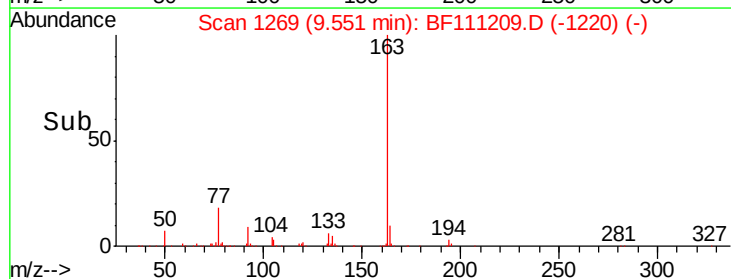
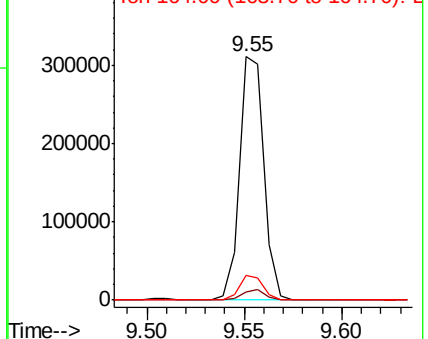
163 100

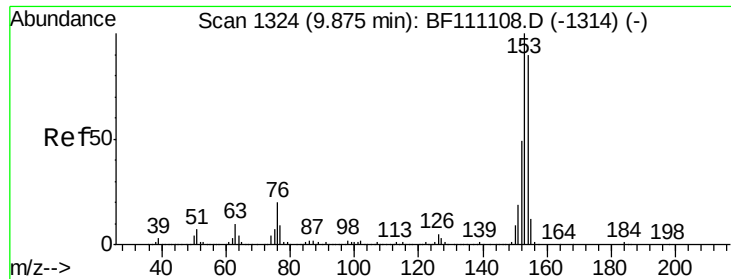
194 3.3 3.0 4.4

164 10.2 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: 19.181 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

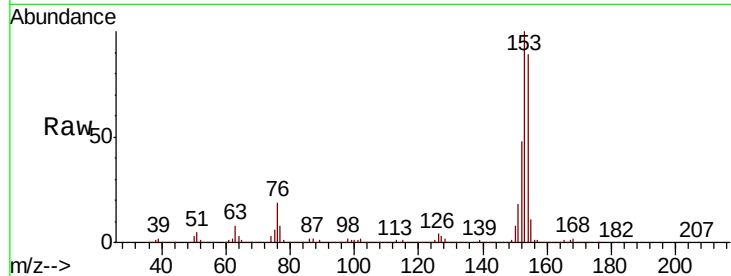
Tgt Ion:154 Resp: 883911

Ion Ratio Lower Upper

154 100

153 112.2 88.7 133.1

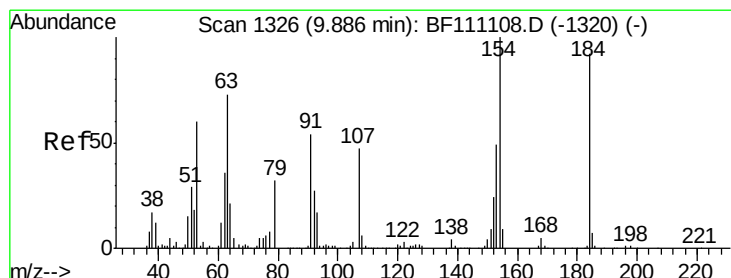
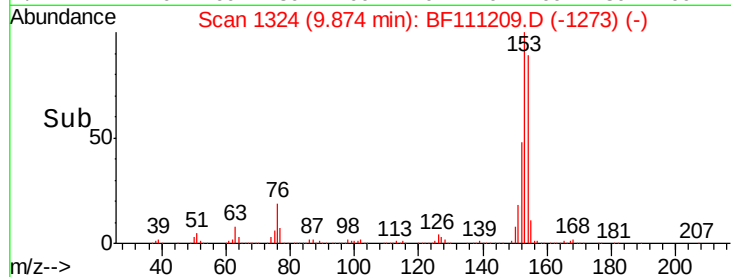
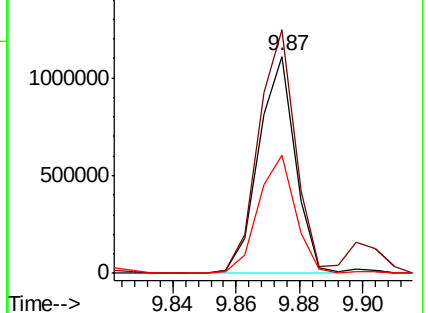
152 54.4 43.8 65.8



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: 6.705 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.11 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

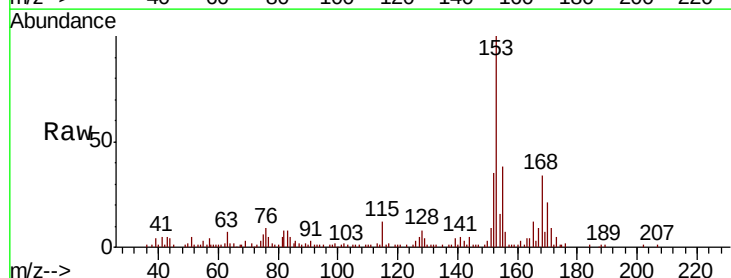
Tgt Ion:184 Resp: 405

Ion Ratio Lower Upper

184 100

63 1054.8 64.2 96.4#

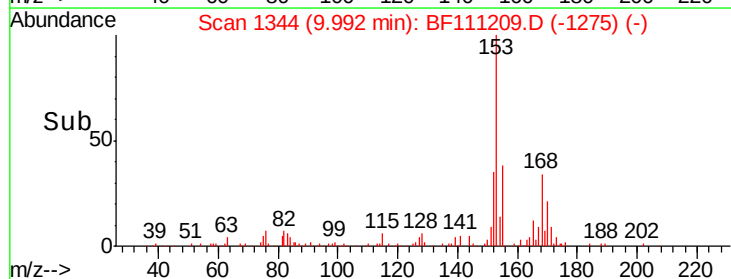
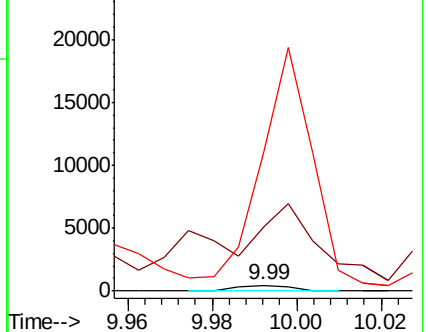
154 2294.6 89.5 134.3#

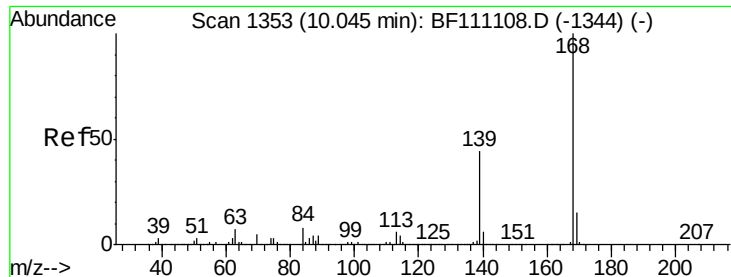


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

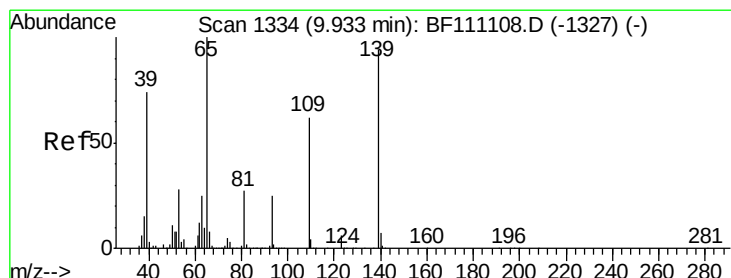
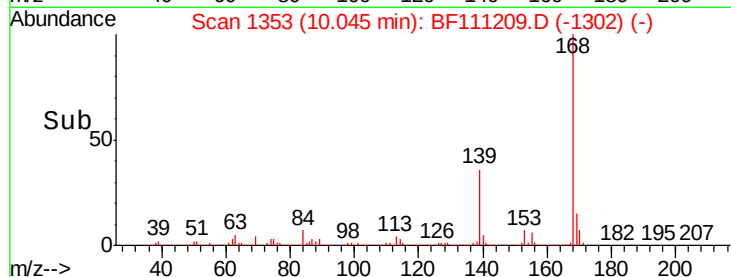
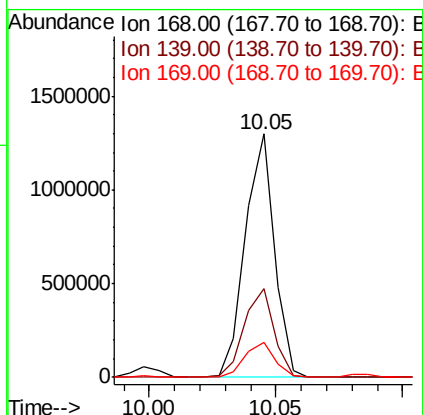
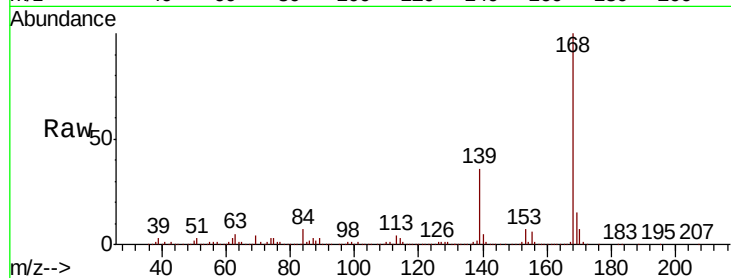




#55
Dibenzofuran
Concen: 16.366 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

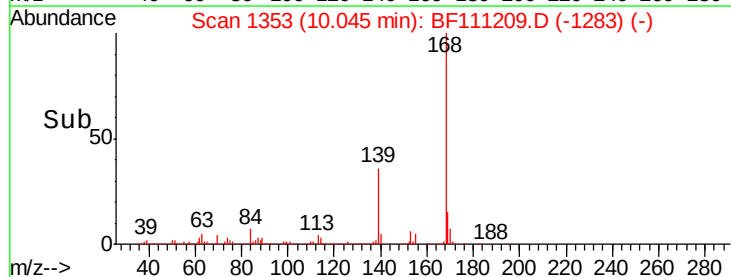
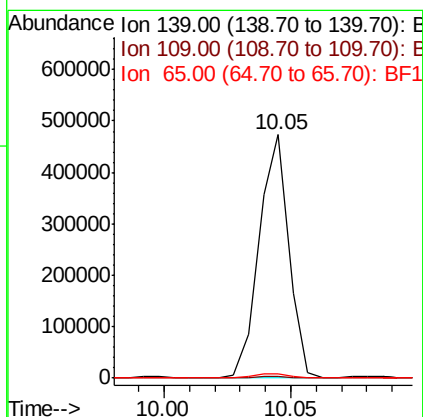
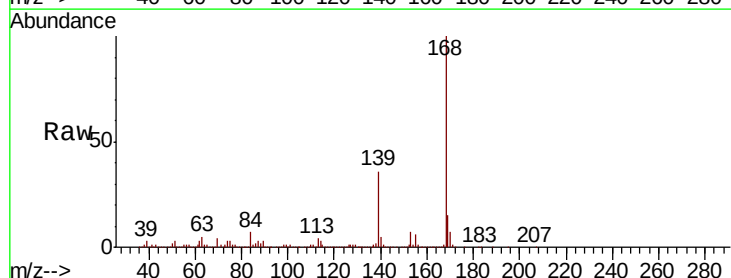
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

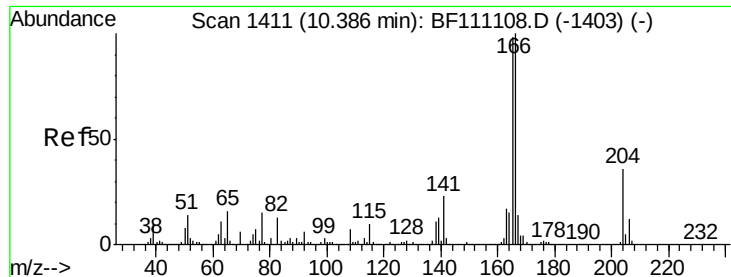
Tgt Ion:168 Resp: 1038783
Ion Ratio Lower Upper
168 100
139 36.5 35.1 52.7
169 14.6 12.2 18.4



#56
4-Nitrophenol
Concen: 35.301 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.11 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:139 Resp: 386790
Ion Ratio Lower Upper
139 100
109 0.8 46.1 86.1#
65 1.9 87.0 127.0#

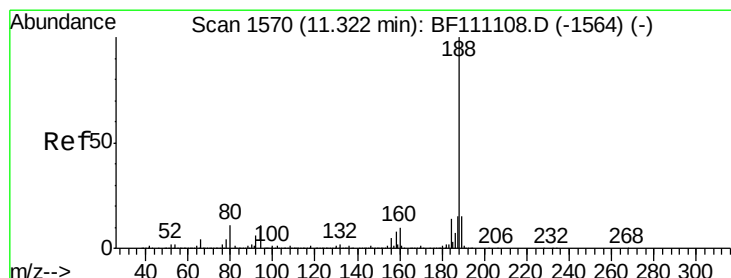
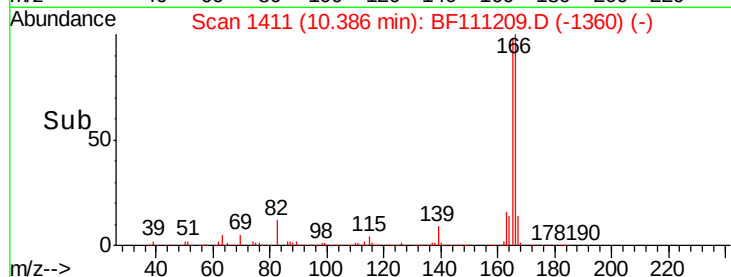
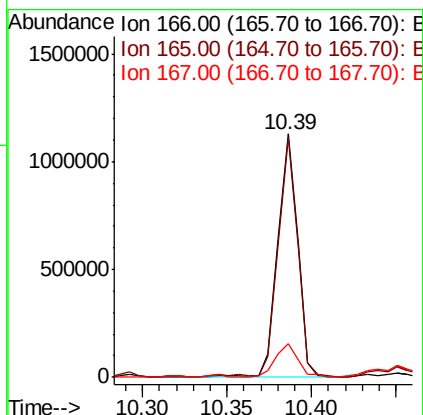
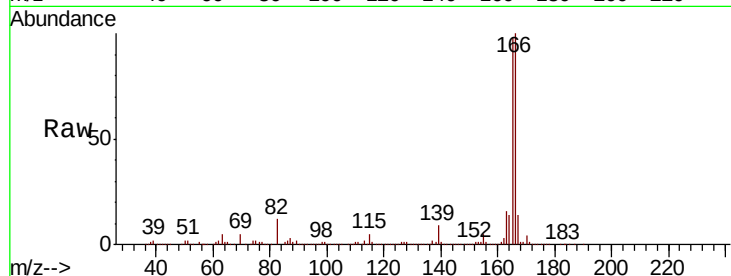




#58
 Fluorene
 Concen: 20.422 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

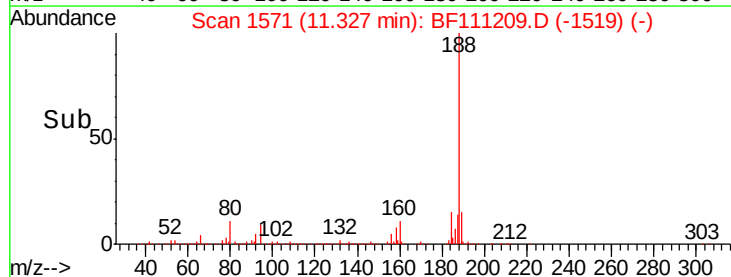
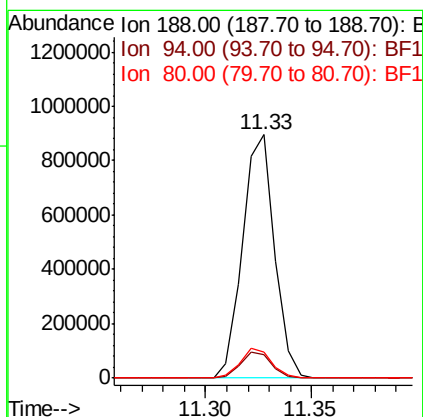
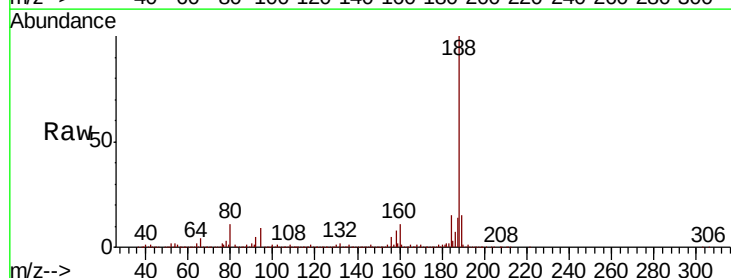
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

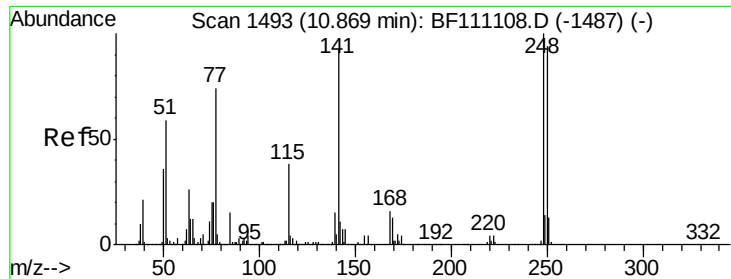
Tgt Ion:166 Resp: 914078
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.4 117.6
 167 13.9 11.4 17.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:188 Resp: 938872
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.5 9.0 13.6

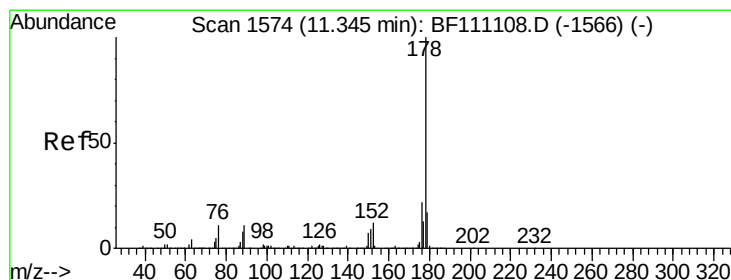
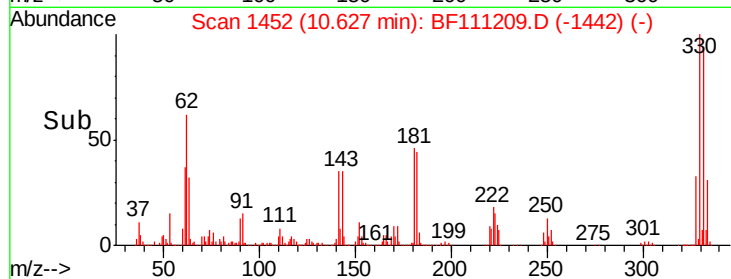
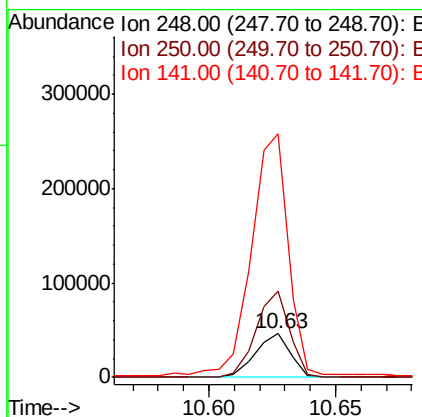
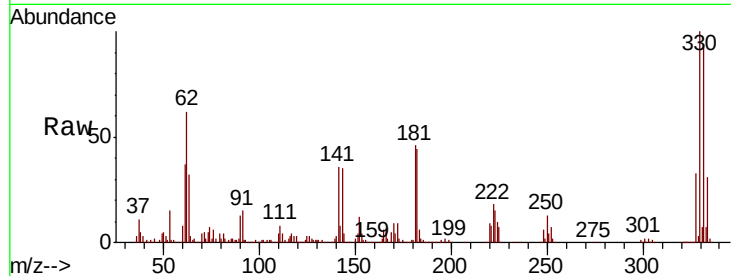




#67
 4-Bromophenyl-phenylether
 Concen: 4.395 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

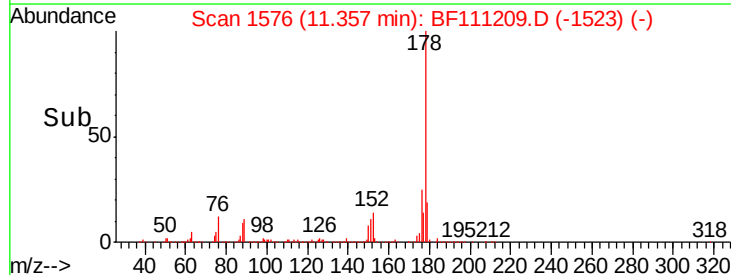
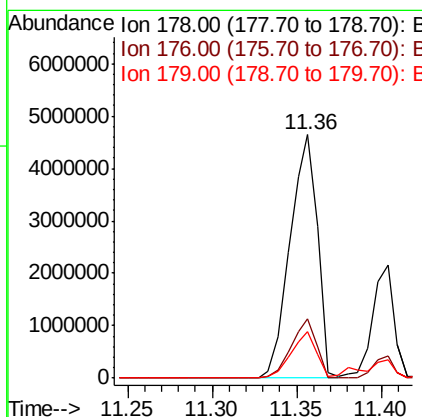
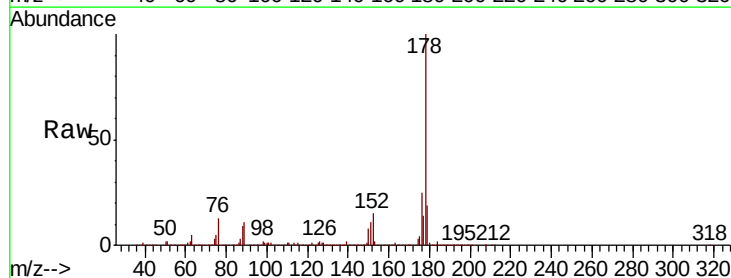
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

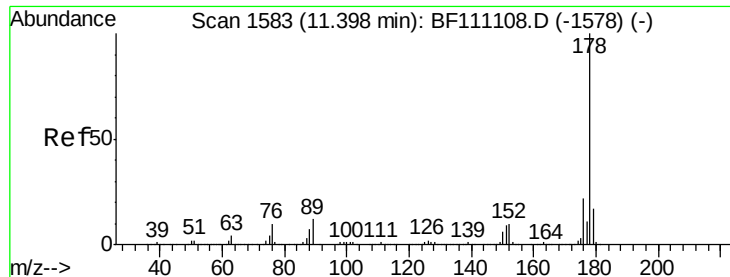
Tgt Ion:248 Resp: 43682
 Ion Ratio Lower Upper
 248 100
 250 199.1 75.4 113.0#
 141 561.6 73.8 110.6#



#71
 Phenanthrene
 Concen: 116.115 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:178 Resp: 5243877
 Ion Ratio Lower Upper
 178 100
 176 24.6 17.7 26.5
 179 19.1 14.0 21.0





#72

Anthracene

Concen: 41.089 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

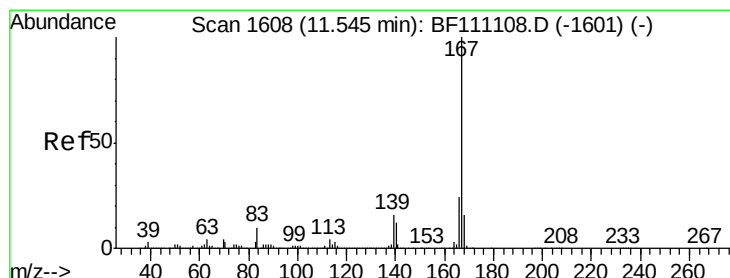
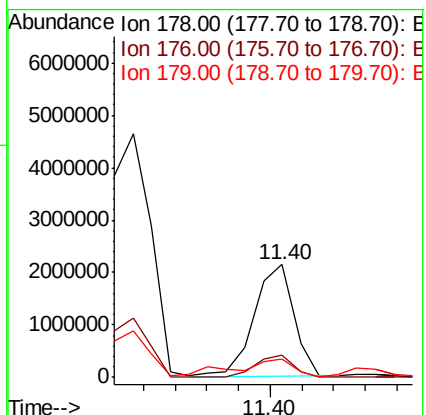
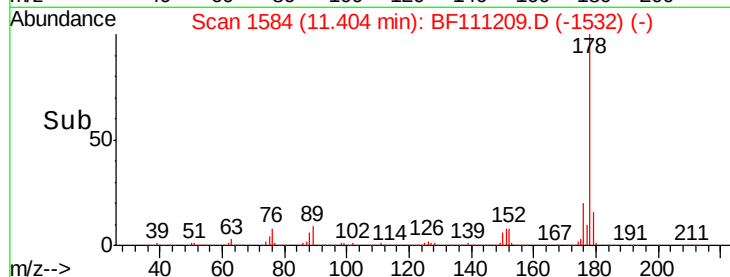
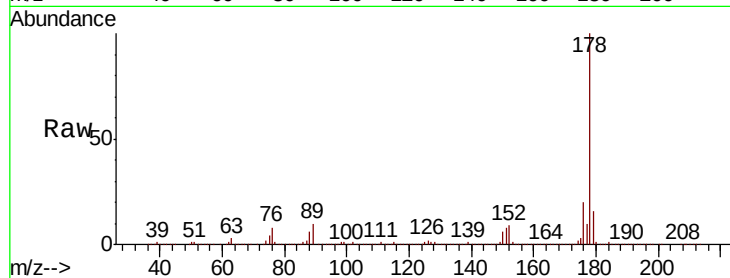
Tgt Ion:178 Resp: 1870456

Ion Ratio Lower Upper

178 100

176 20.0 17.3 25.9

179 16.0 13.8 20.8



#73

Carbazole

Concen: 17.928 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

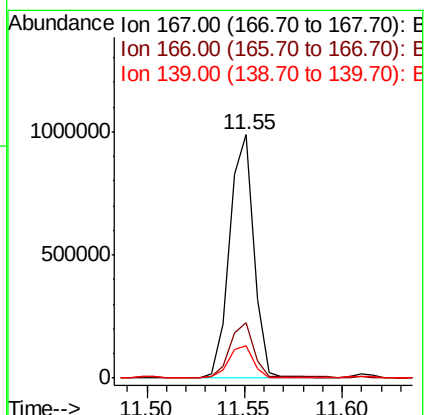
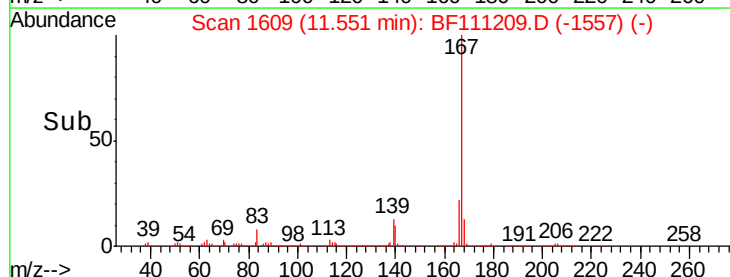
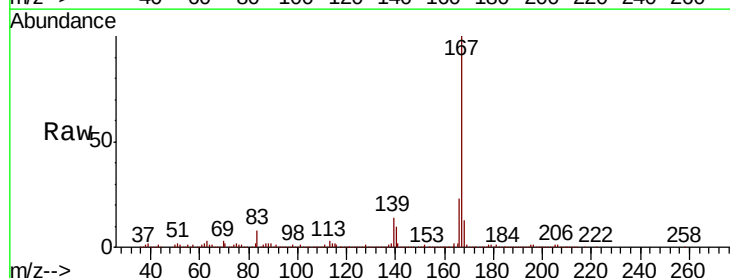
Tgt Ion:167 Resp: 849228

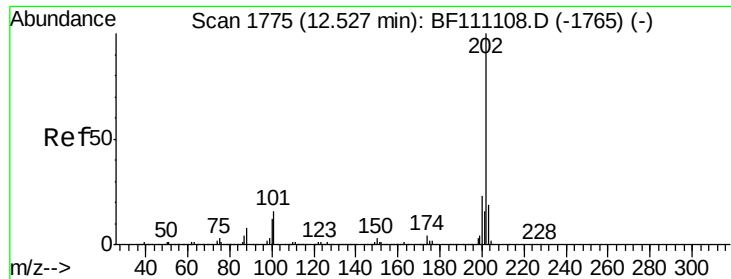
Ion Ratio Lower Upper

167 100

166 22.6 19.4 29.0

139 13.5 12.6 18.8





#75

Fluoranthene

Concen: 117.742 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

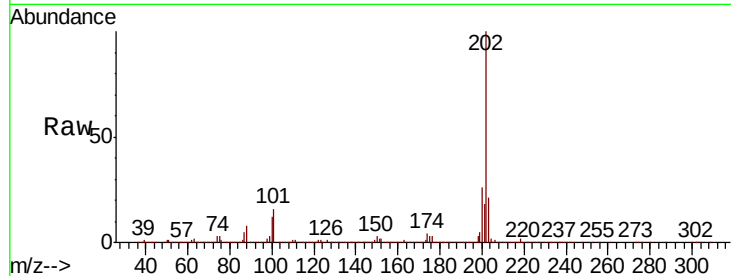
Tgt Ion:202 Resp: 5203218

Ion Ratio Lower Upper

202 100

101 16.0 0.0 35.8

203 21.4 0.0 38.6

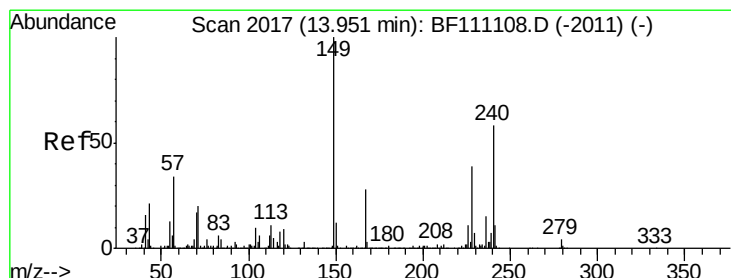
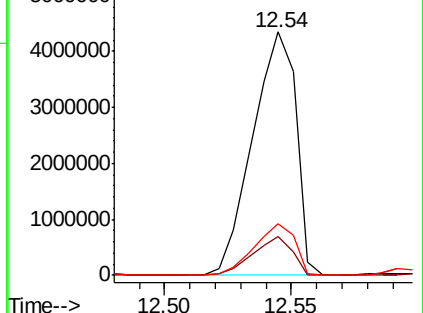
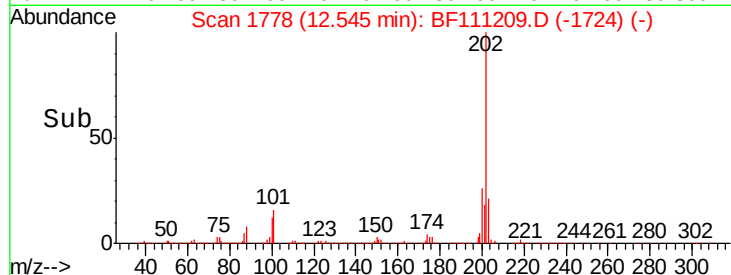


Abundance

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: 13.97 min Scan# 2020

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

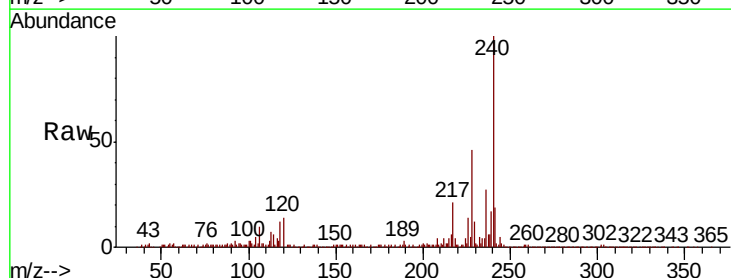
Tgt Ion:240 Resp: 934041

Ion Ratio Lower Upper

240 100

120 13.8 12.8 19.2

236 26.6 21.1 31.7

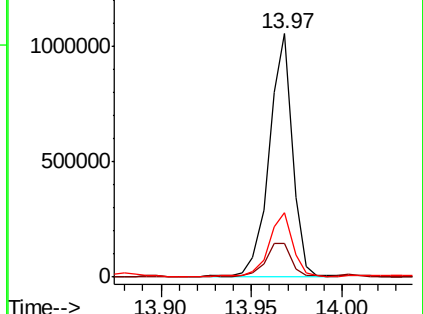
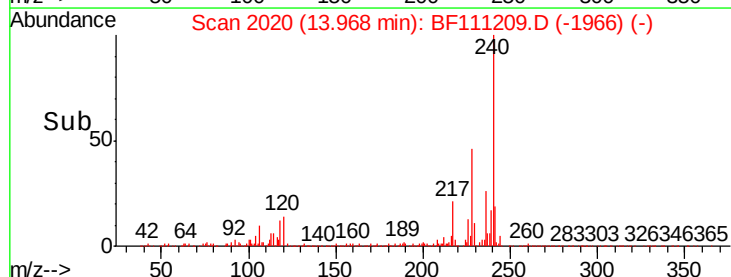


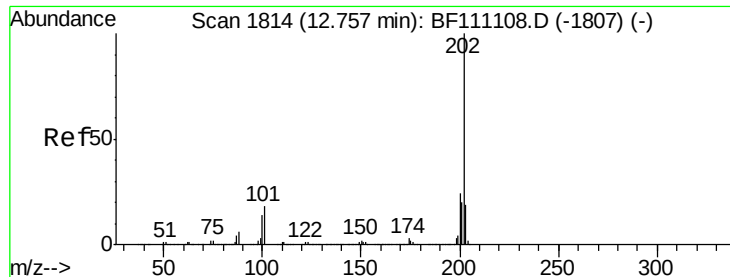
Abundance

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

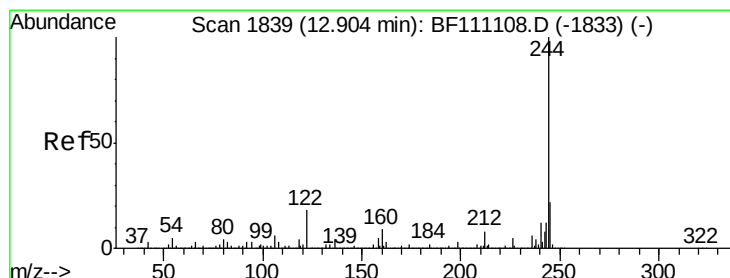
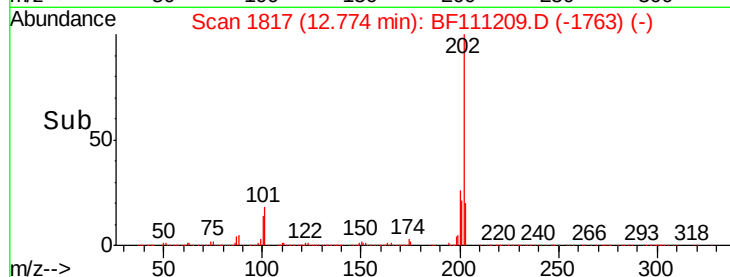
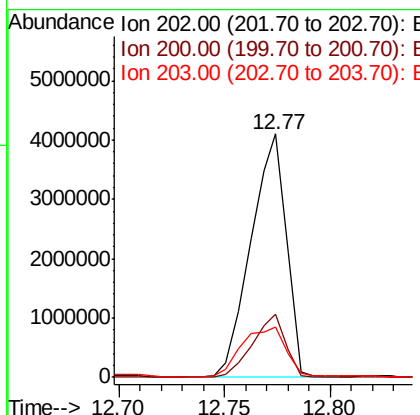
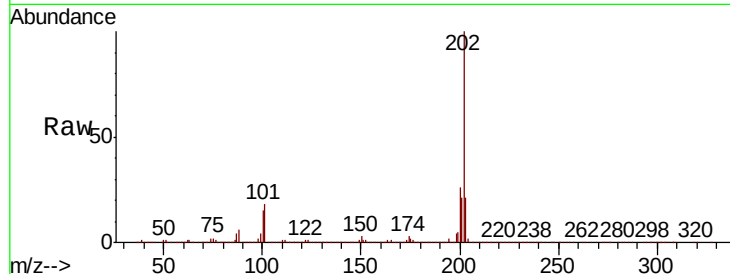




#78
 Pyrene
 Concen: 65.456 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.02 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

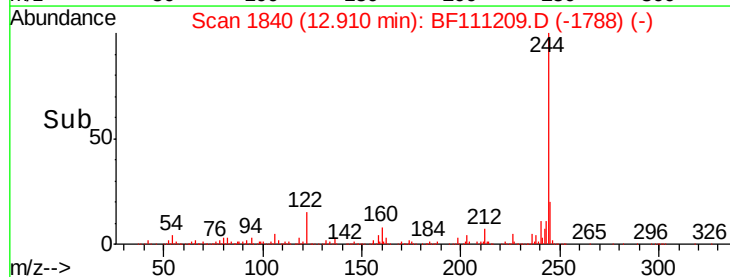
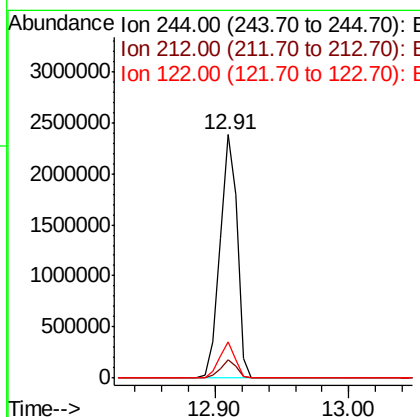
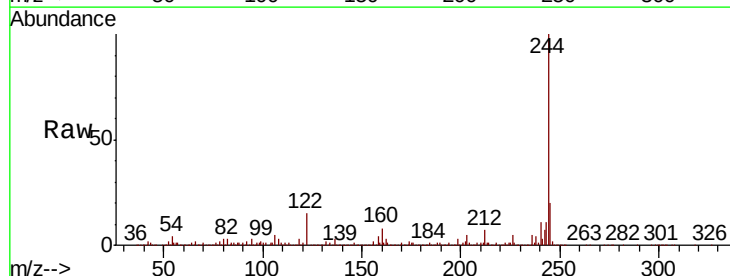
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

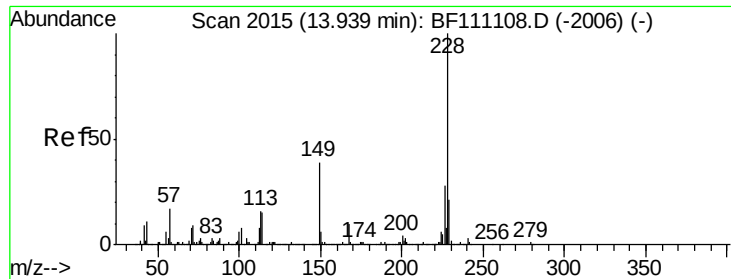
Tgt Ion:202 Resp: 4763157
 Ion Ratio Lower Upper
 202 100
 200 25.7 19.3 28.9
 203 20.6 15.4 23.2



#79
 Terphenyl-d14
 Concen: 47.523 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:244 Resp: 2167419
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 9.8
 122 15.1 14.2 21.2

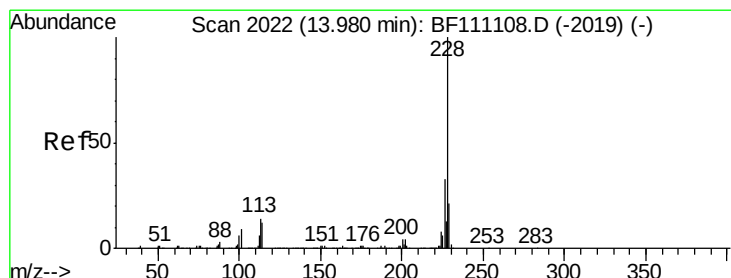
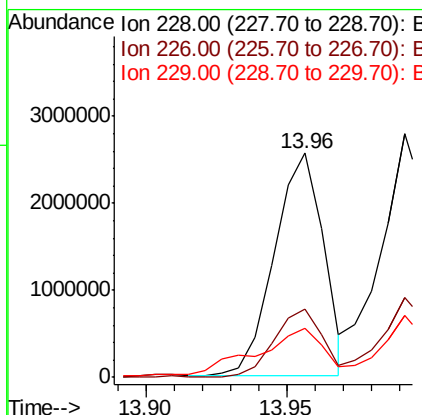
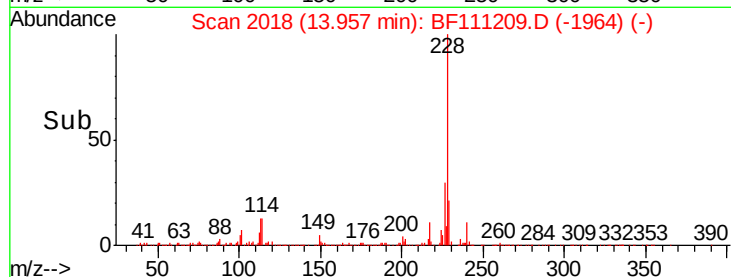
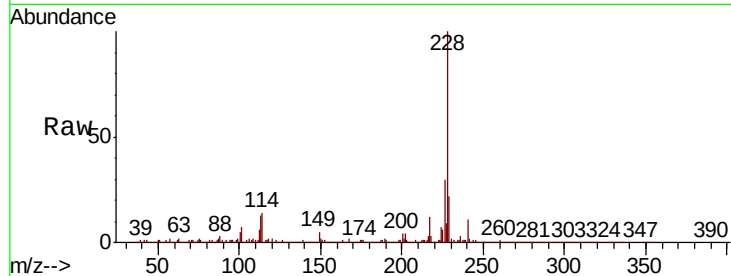




#81
Benzo(a)anthracene
Concen: 56.348 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

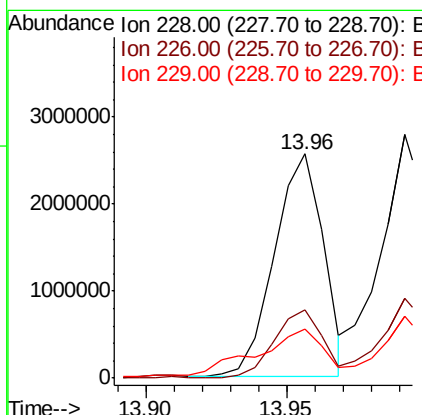
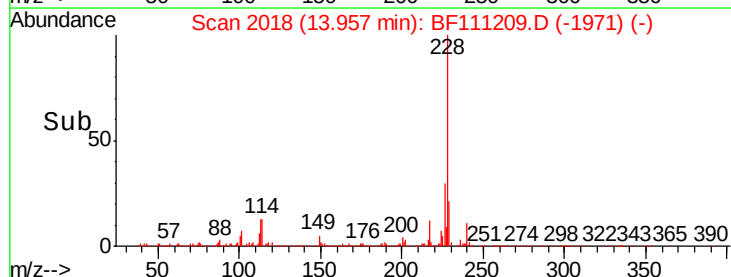
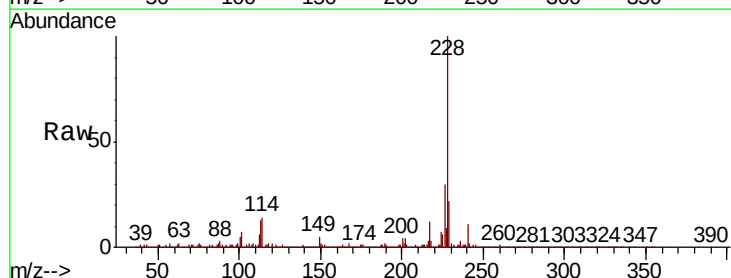
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

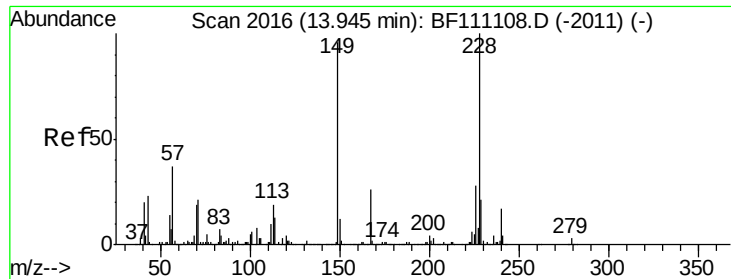
Tgt Ion:228 Resp: 3083646
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 21.7 16.7 25.1



#83
Chrysene
Concen: 56.760 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:228 Resp: 3083646
Ion Ratio Lower Upper
228 100
226 30.3 26.2 39.2
229 21.7 16.9 25.3

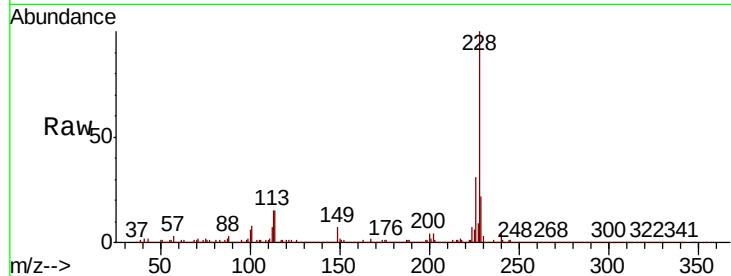




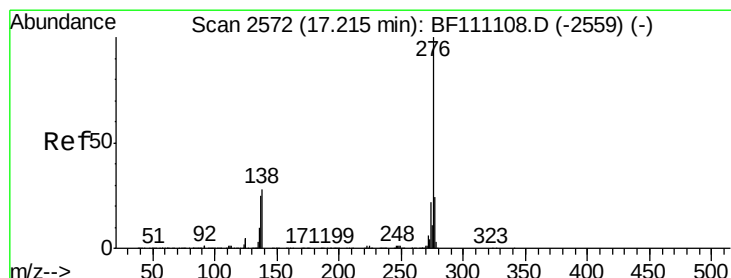
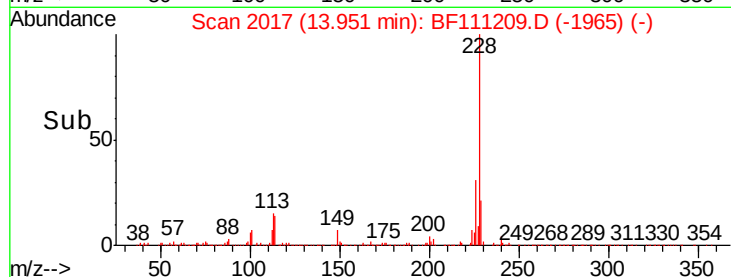
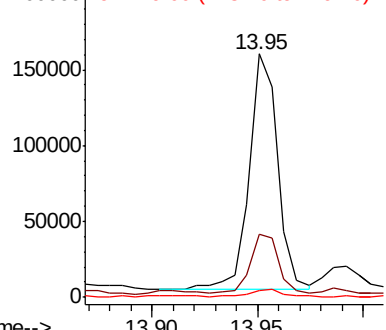
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.406 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:149 Resp: 144639
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.6 32.4
 279 2.9 2.3 3.5

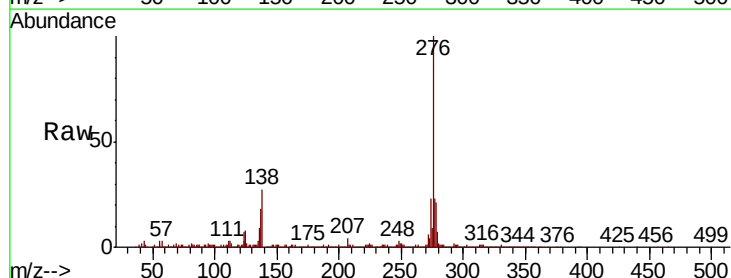


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

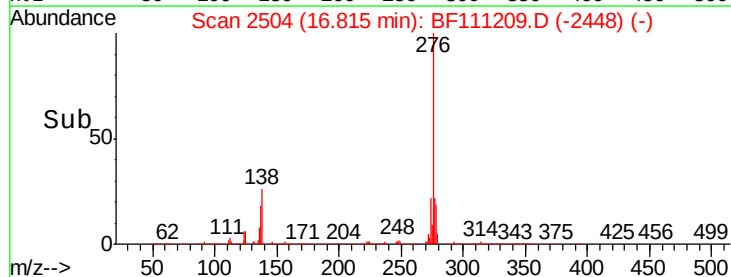
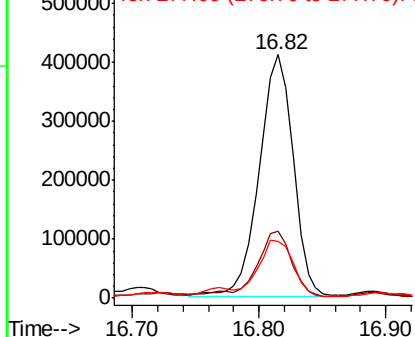


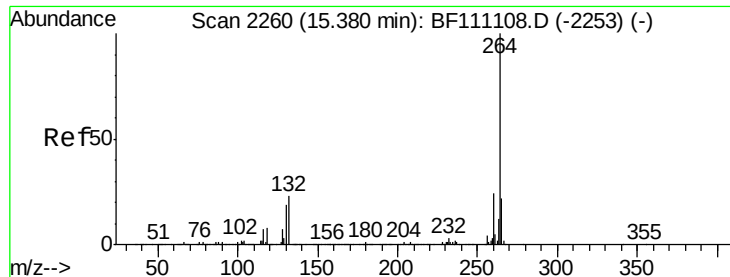
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 17.574 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. 0.03 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Tgt Ion:276 Resp: 766573
 Ion Ratio Lower Upper
 276 100
 138 27.7 20.2 30.4
 277 24.0 15.8 23.6#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

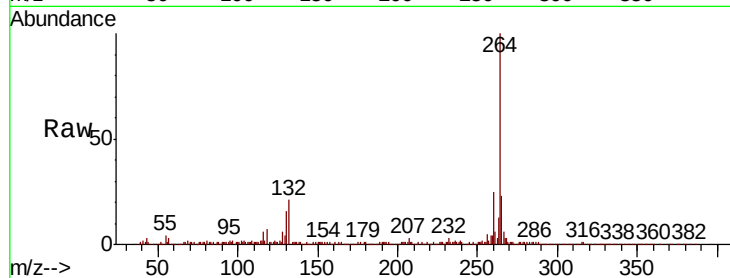
Tgt Ion:264 Resp: 601489

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.0

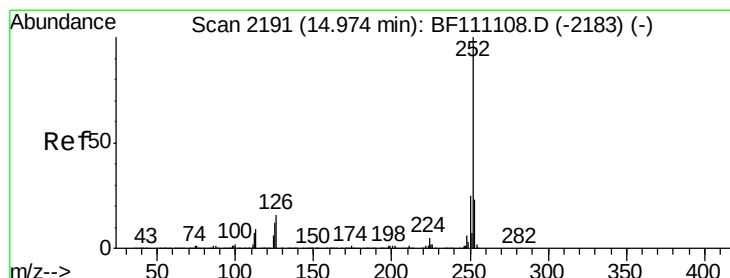
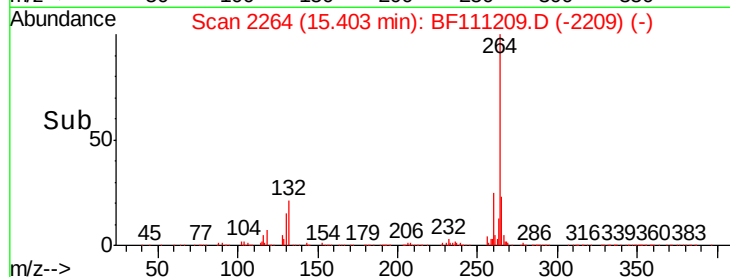
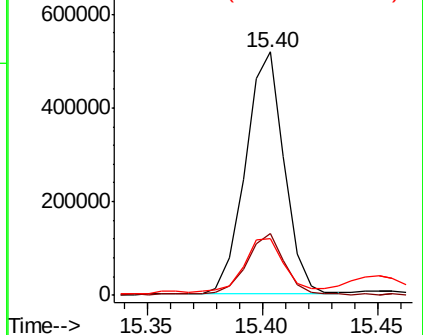
265 23.4 17.4 26.0



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: 95.301 ng

RT: 14.99 min Scan# 2194

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

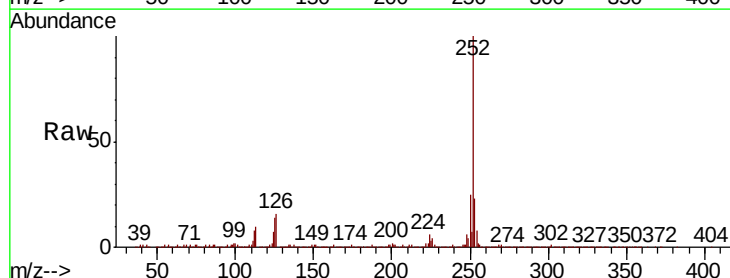
Tgt Ion:252 Resp: 3248149

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

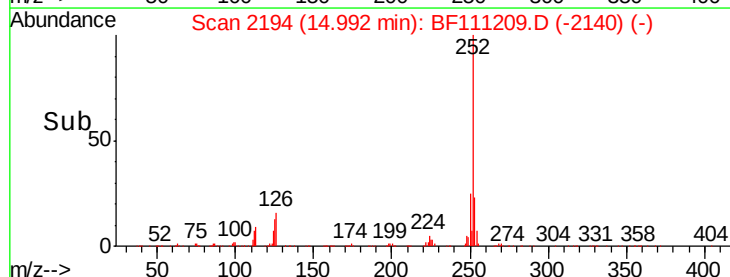
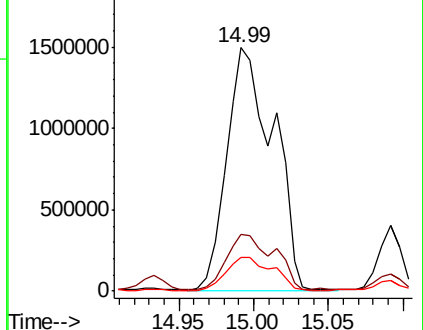
125 13.7 9.9 14.9

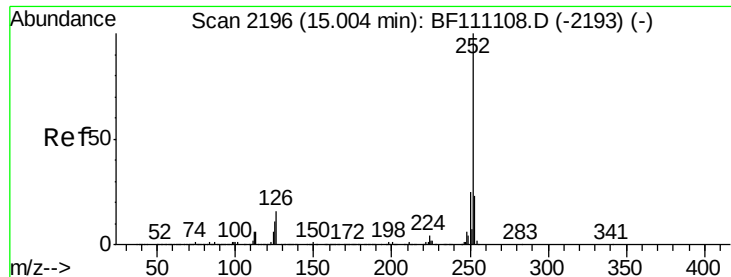


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

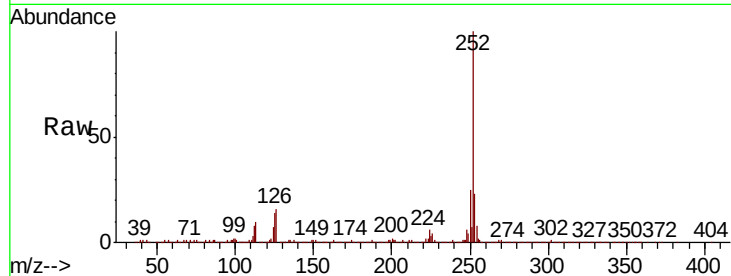




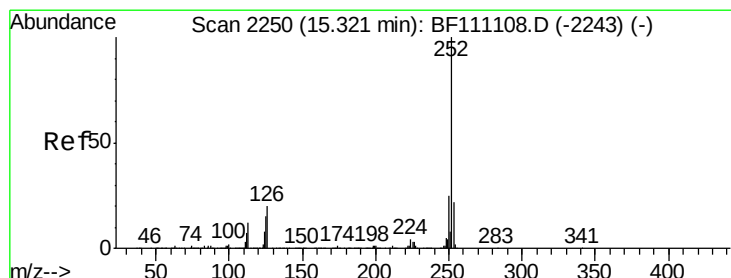
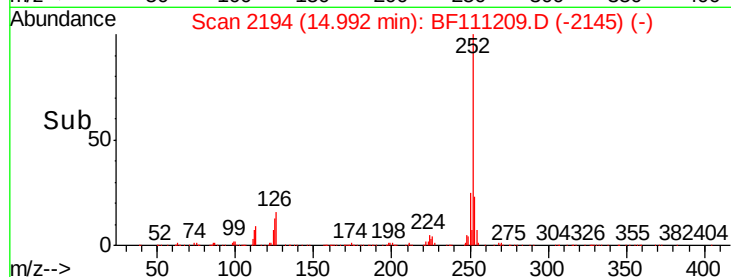
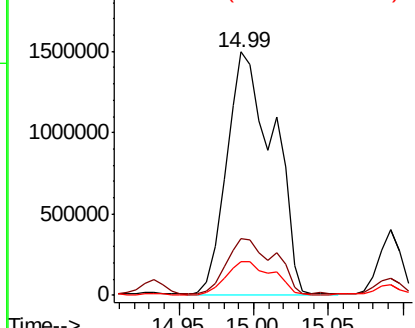
#89
Benzo(k)fluoranthene
Concen: 98.581 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:252 Resp: 3248149
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 13.7 9.9 14.9

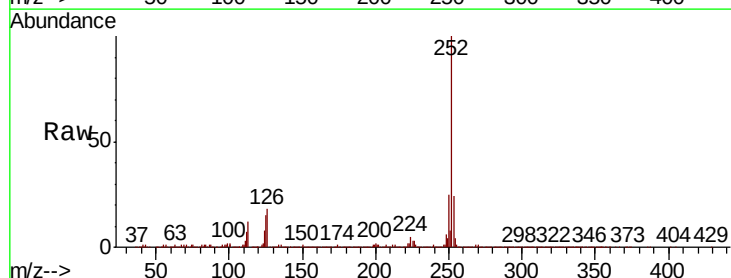


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

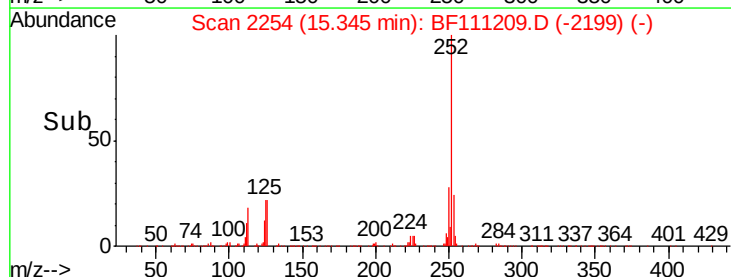
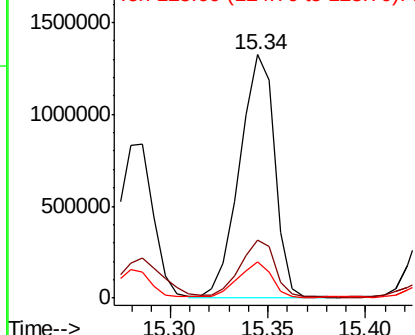


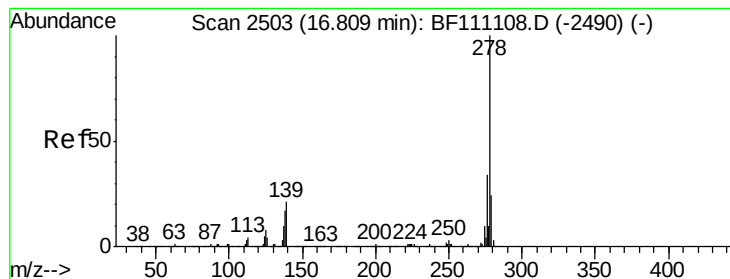
#90
Benzo(a)pyrene
Concen: 52.768 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.02 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:252 Resp: 1649645
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 14.7 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.740 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

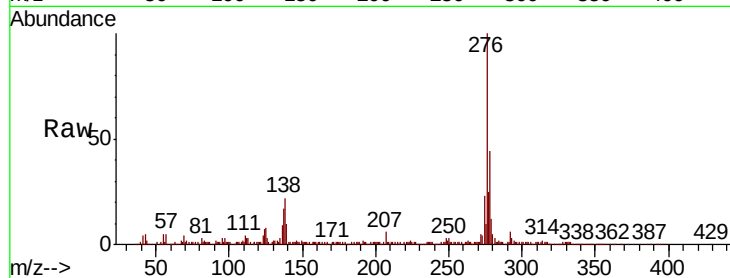
Tgt Ion: 278 Resp: 203056

Ion Ratio Lower Upper

278 100

139 23.5 16.6 25.0

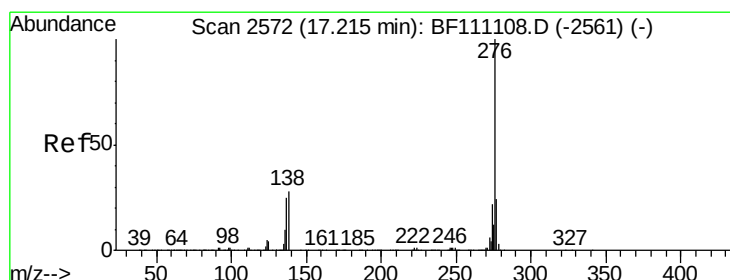
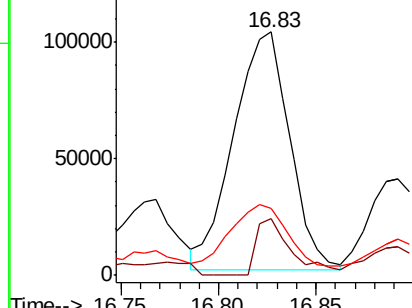
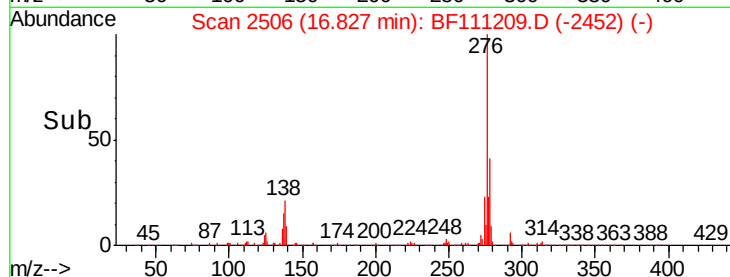
279 27.6 18.8 28.2



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: 26.222 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

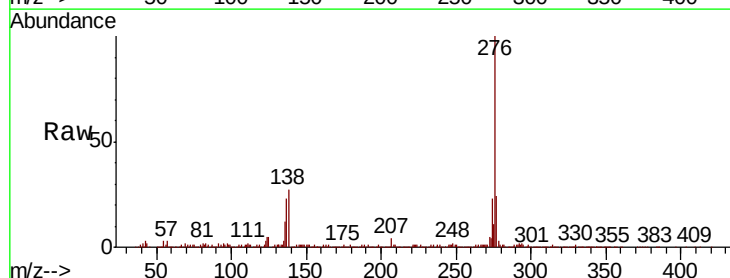
Tgt Ion: 276 Resp: 691296

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 26.5 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

