

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101809.D
 Acq On : 28 Dec 2017 18:19
 Operator : SJ/JU
 Sample : I6970-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 04:35:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	146298	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	570111	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	234288	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	368775	20.00	ng	0.00
75) Chrysene-d12	13.96	240	286867	20.00	ng	0.00
86) Perylene-d12	15.43	264	277342	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	992682	101.07	ng	0.00
7) Phenol-d6	6.43	99	1177075	96.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	730069	71.28	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	211278	93.59	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1123533	74.39	ng	0.00
78) Terphenyl-d14	12.89	244	819288	68.85	ng	0.00

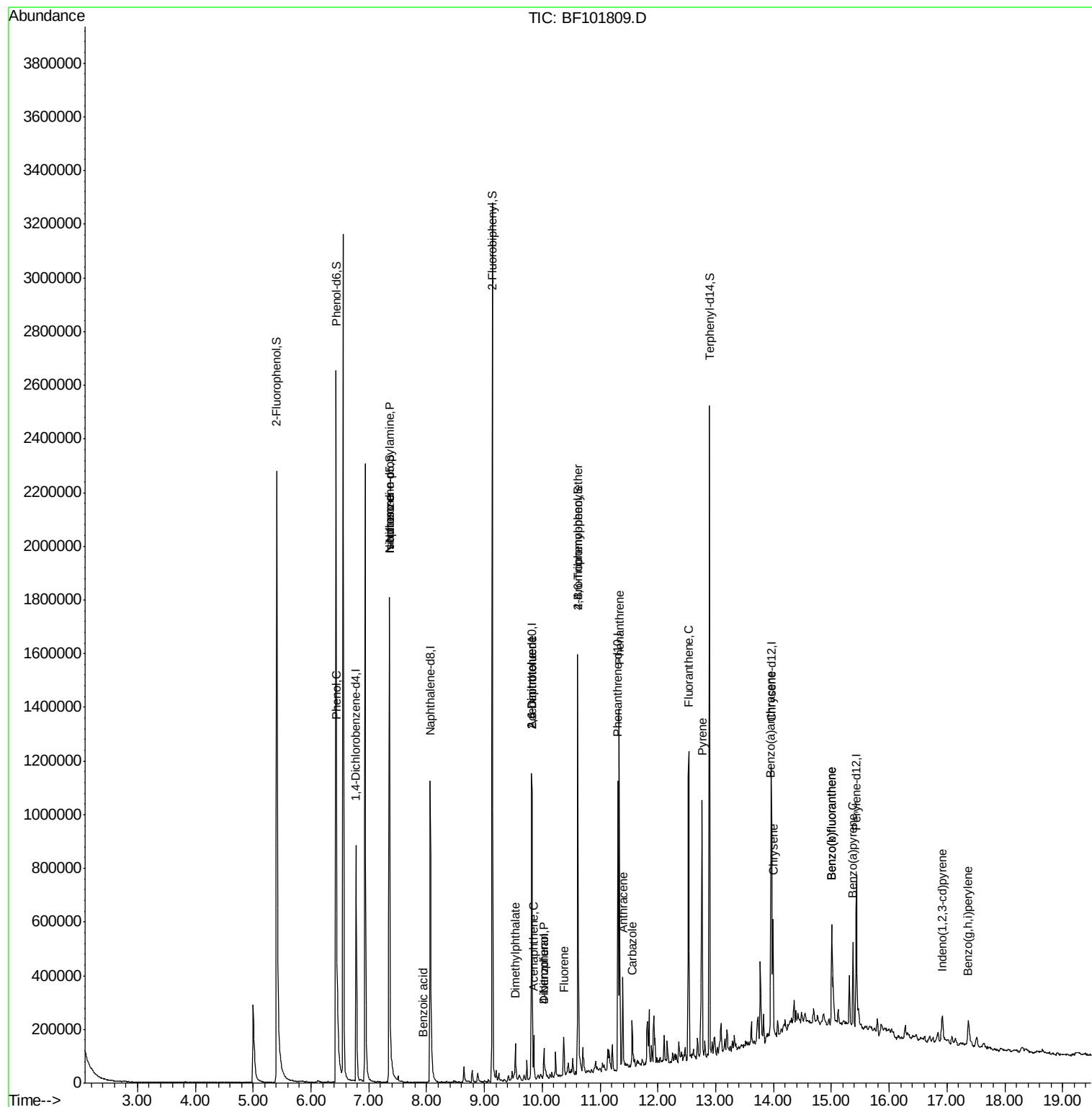
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	48436	3.477	ng	# 71
19) n-Nitroso-di-n-propylamine	7.36	70	96886	12.070	ng	# 78
25) Isophorone	7.36	82	730069	35.534	ng	# 64
32) Benzoic acid	7.93	122	799	8.080	ng	# 1
49) Dimethylphthalate	9.54	163	66546	3.531	ng	# 97
50) 2,6-Dinitrotoluene	9.82	165	30311	7.914	ng	# 26
51) Acenaphthene	9.85	154	33911	2.248	ng	95
54) Dibenzofuran	10.03	168	54165	2.825	ng	99
55) 4-Nitrophenol	10.03	139	20275	9.737	ng	# 11
56) 2,4-Dinitrotoluene	9.82	165	30311	7.024	ng	# 23
57) Fluorene	10.37	166	45154	2.784	ng	97
66) 4-Bromophenyl-phenylether	10.62	248	13347	3.221	ng	# 1
70) Phenanthrene	11.34	178	539100	26.287	ng	98
71) Anthracene	11.39	178	137959	6.586	ng	97
72) Carbazole	11.56	167	67562	3.445	ng	100
74) Fluoranthene	12.53	202	483152	22.445	ng	97
77) Pyrene	12.76	202	407351	18.921	ng	98
80) Benzo(a)anthracene	13.95	228	191033	10.085	ng	96
82) Chrysene	13.99	228	174511	9.757	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	75171	4.720	ng	# 90
87) Benzo(b)fluoranthene	15.01	252	251640	14.886	ng	# 96
88) Benzo(k)fluoranthene	15.01	252	251640	15.310	ng	99
89) Benzo(a)pyrene	15.37	252	134858	8.654	ng	98
91) Benzo(g,h,i)perylene	17.37	276	67702	5.110	ng	# 94

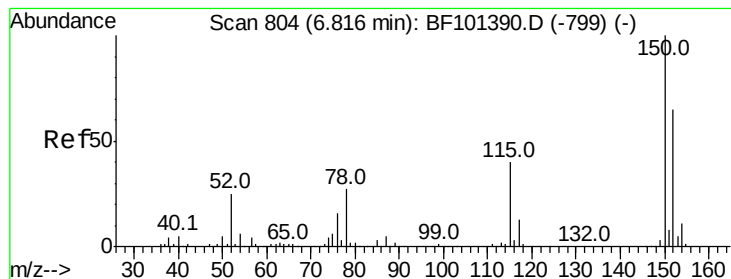
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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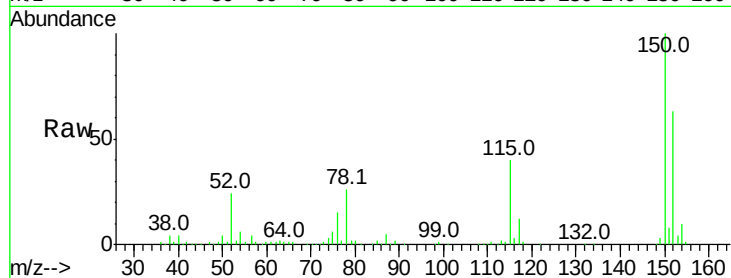


#1

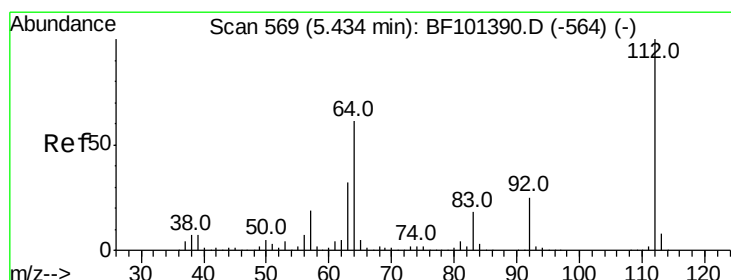
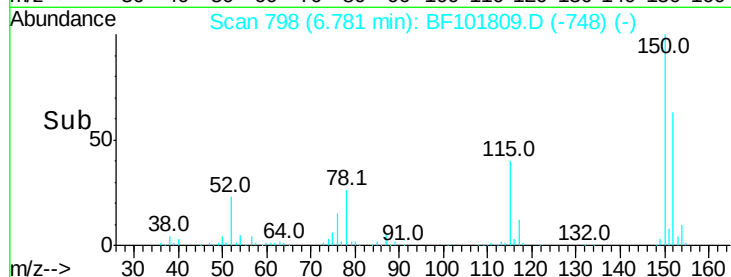
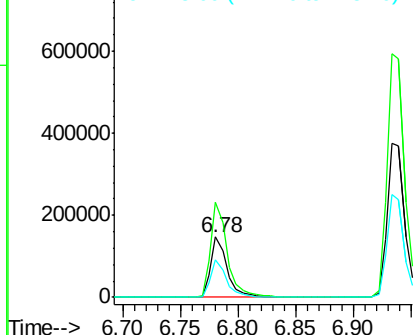
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146298
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 62.5 50.1 75.1



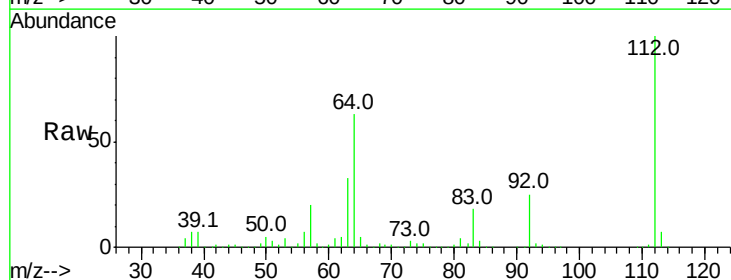
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



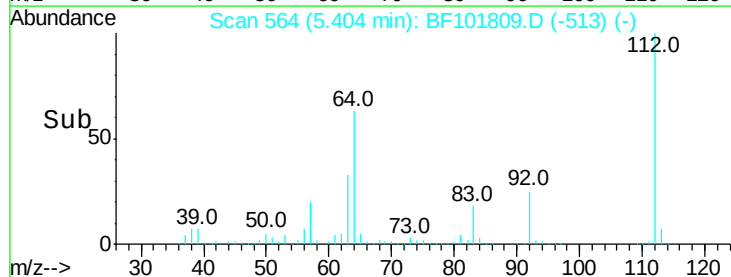
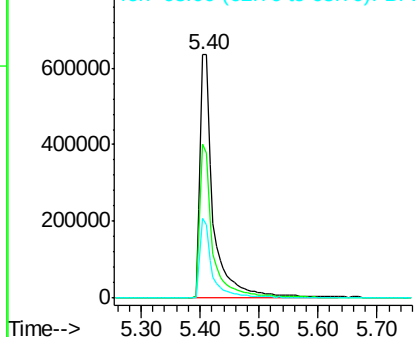
#5

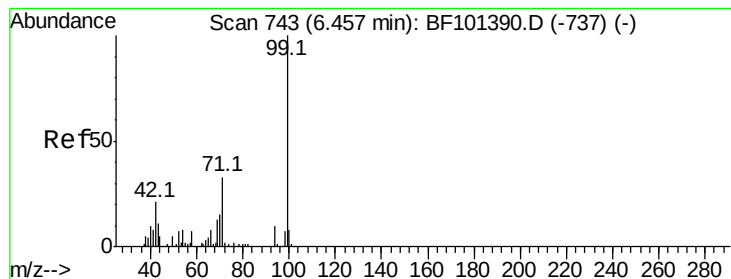
2-Fluorophenol
Concen: 101.073 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion:112 Resp: 992682
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 32.9 23.7 35.5



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: 96.299 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampleId :

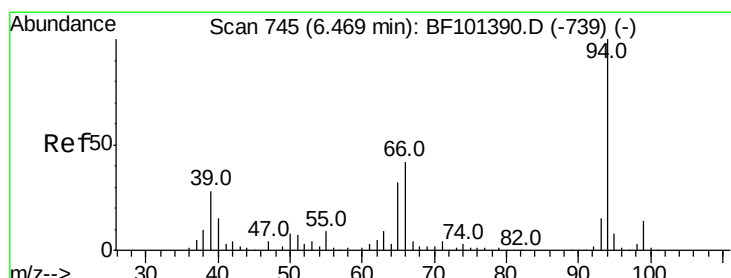
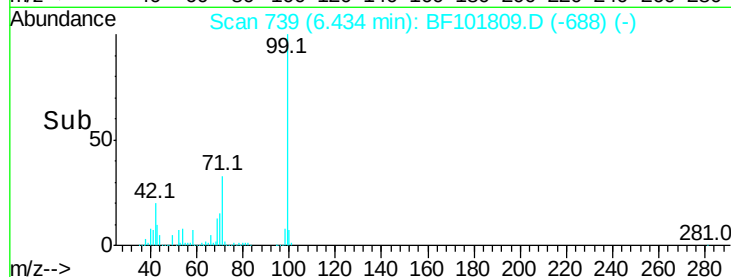
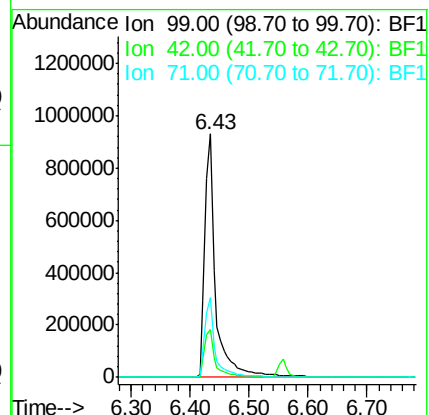
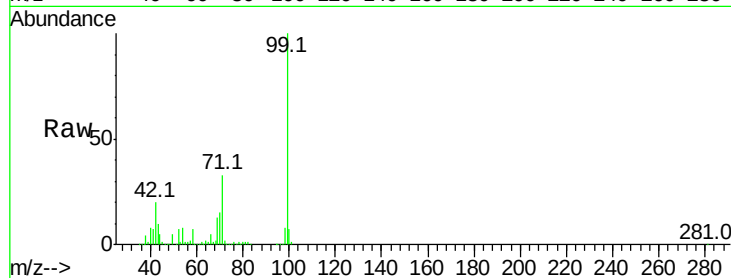
Tot Ion: 99 Resp: 1177075

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.8 25.4 38.0



#10

Phenol

Concen: 3.477 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

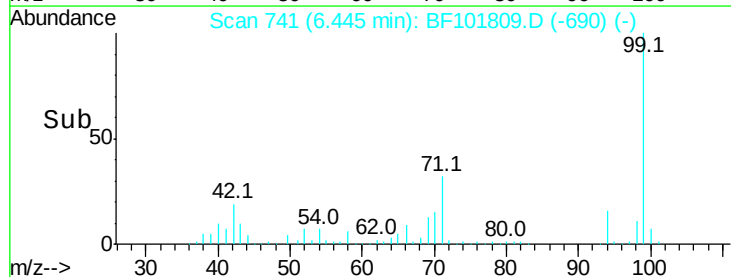
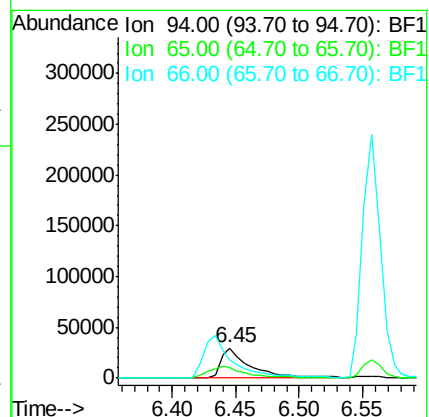
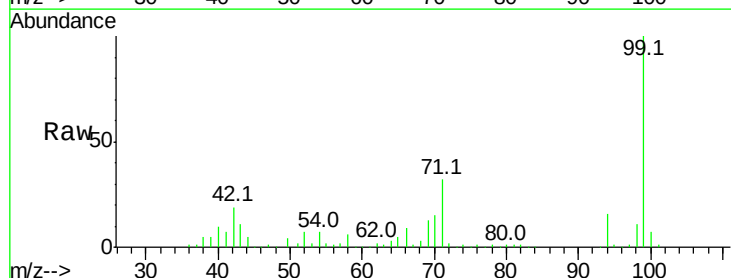
Tgt Ion: 94 Resp: 48436

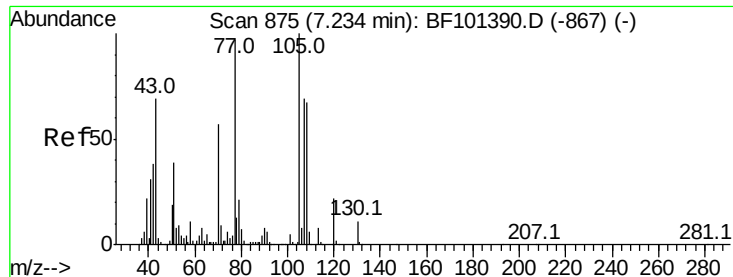
Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

66 60.5 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 12.070 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 96886

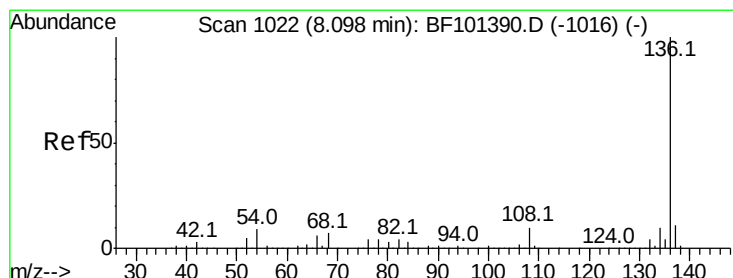
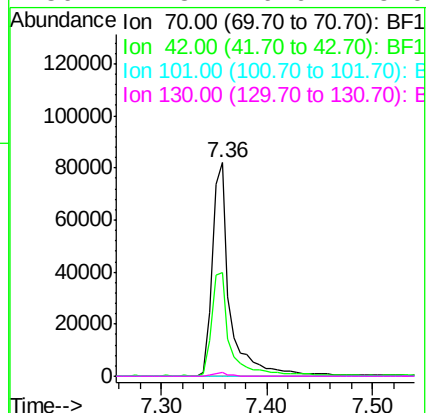
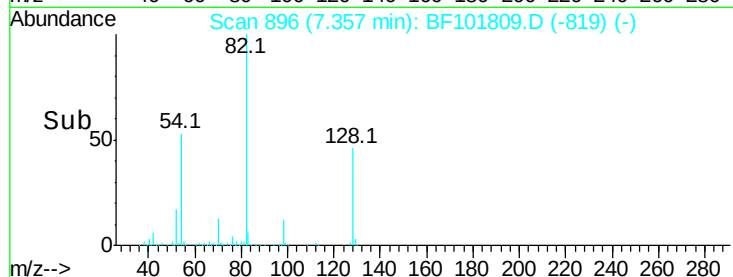
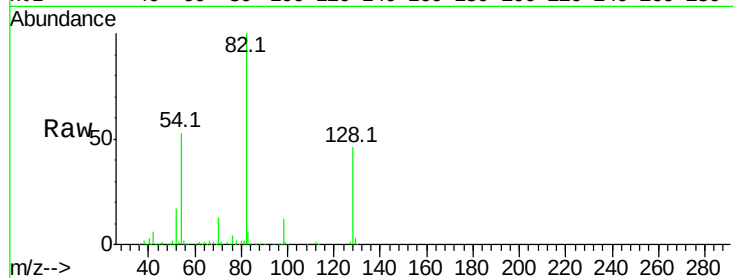
Ion Ratio Lower Upper

70 100

42 48.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Tgt Ion: 136 Resp: 570111

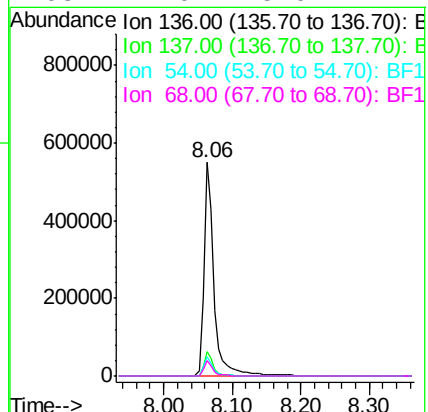
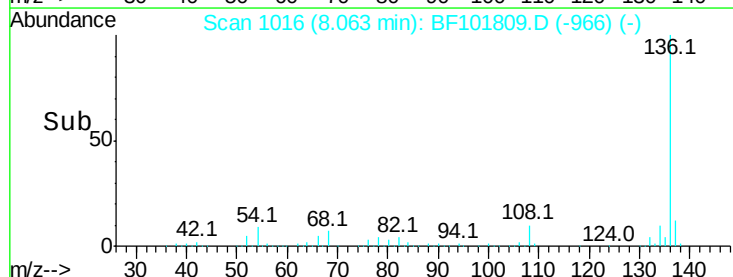
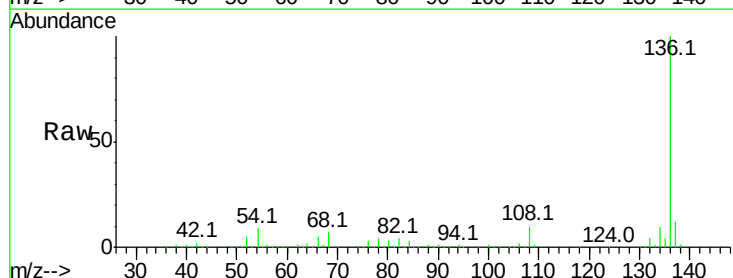
Ion Ratio Lower Upper

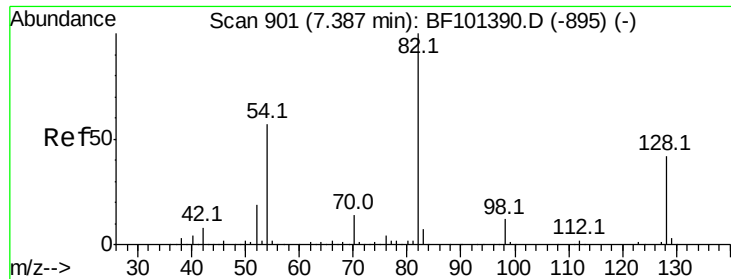
136 100

137 11.5 8.9 13.3

54 9.2 6.6 9.8

68 7.0 5.0 7.4

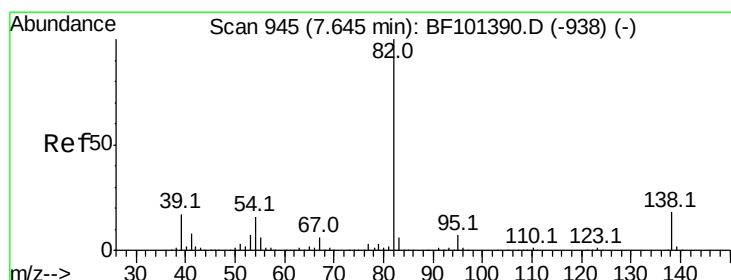
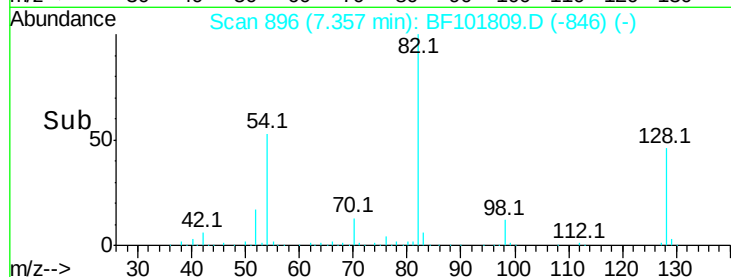
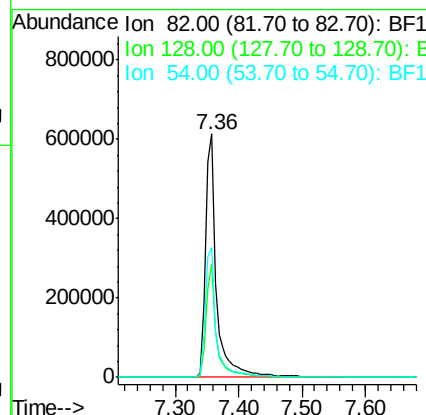
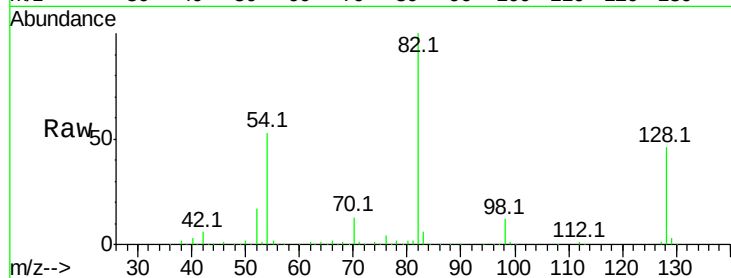




#23
Nitrobenzene-d5
Concen: 71.284 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

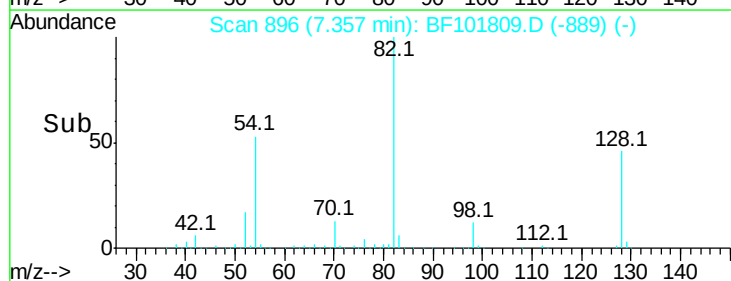
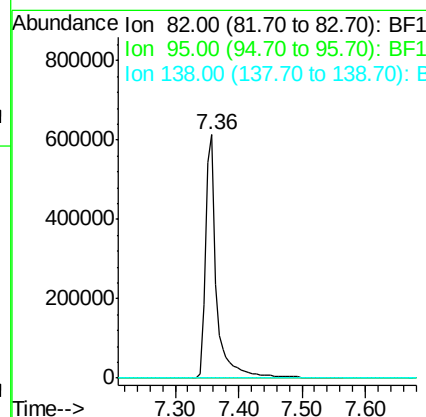
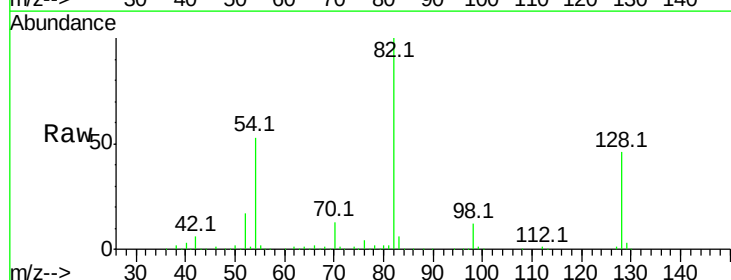
Instrument :
BNA_F
ClientSampleId :

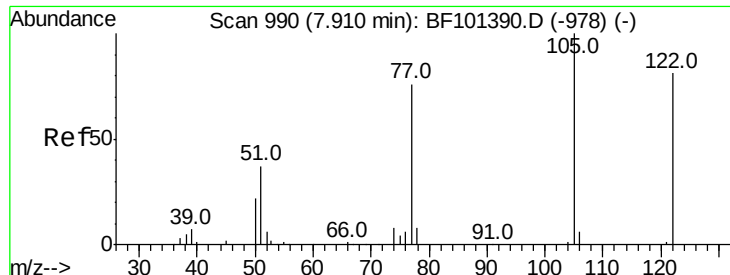
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.3	41.4	62.2



#25
Isophorone
Concen: 35.534 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

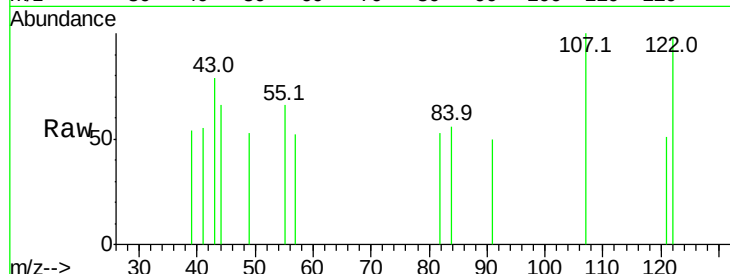




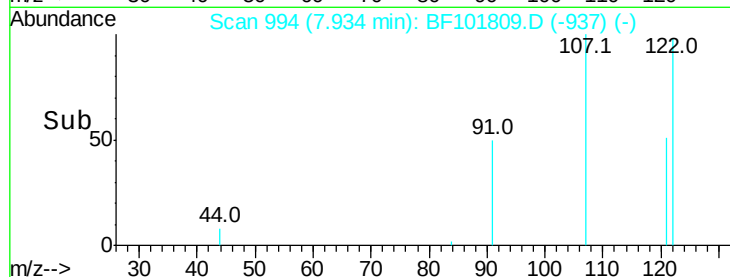
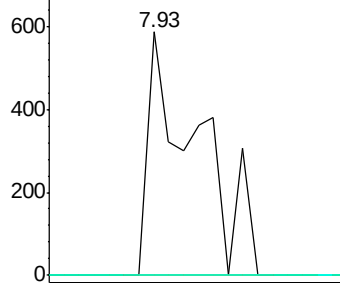
#32
Benzoic acid
Concen: 8.080 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.04 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Instrument :
BNA_F
ClientSampleId :

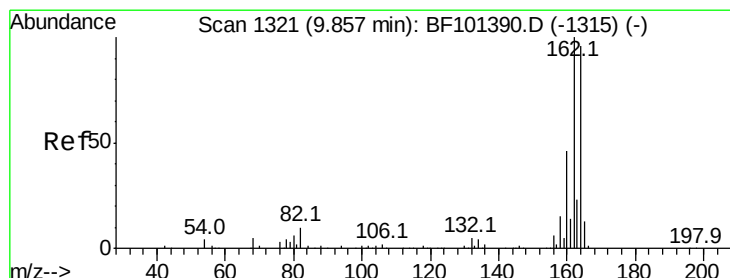
Tot Ion:122 Resp: 799
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

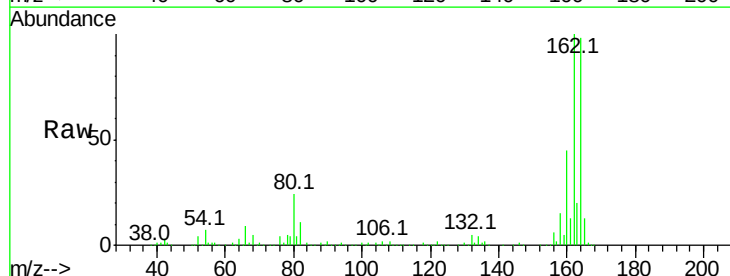


Time-->

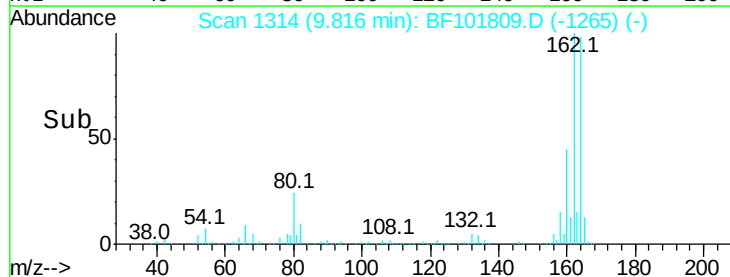
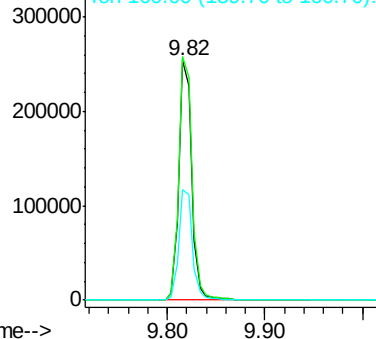


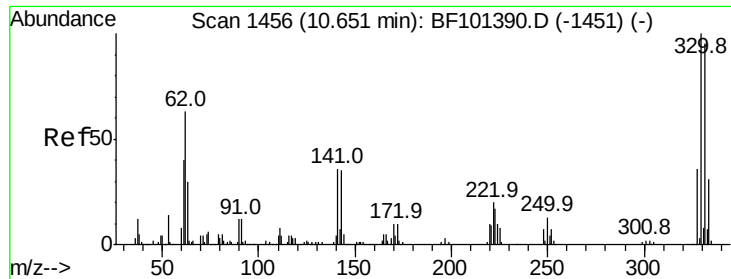
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion:164 Resp: 234288
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 45.9 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 93.587 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampled :

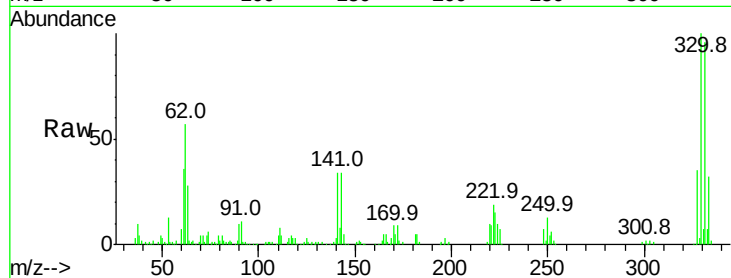
Tot Ion:330 Resp: 211278

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

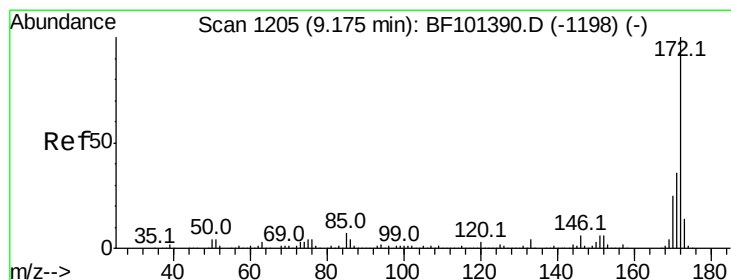
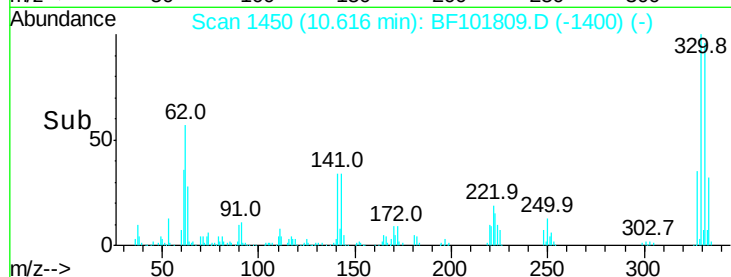
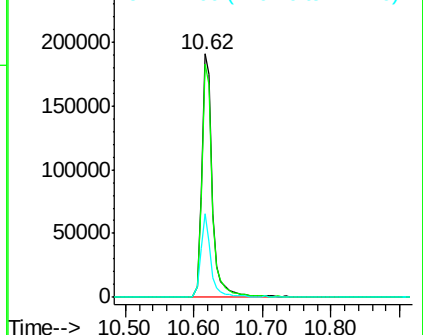
141 32.5 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 74.390 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

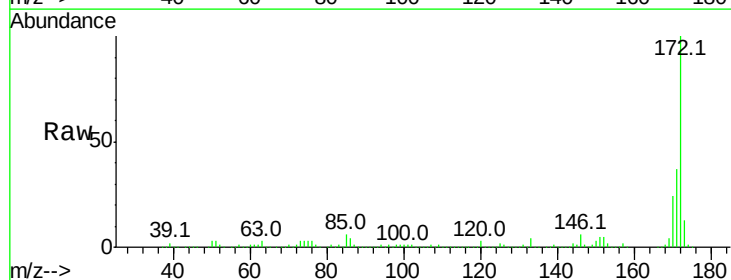
Tgt Ion:172 Resp: 1123533

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

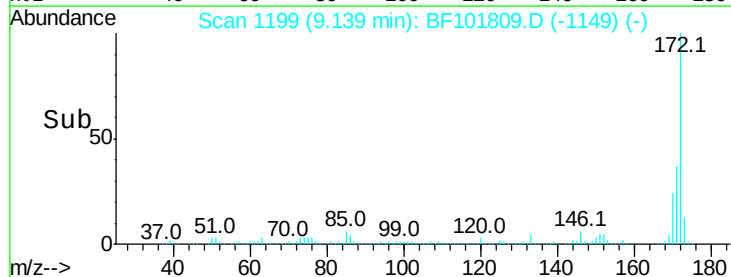
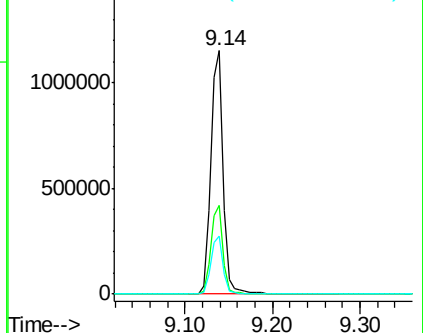
170 23.8 19.6 29.4

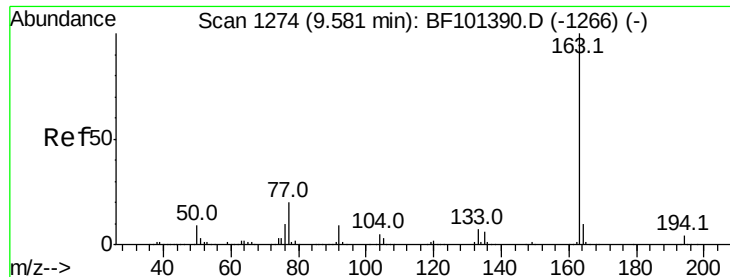


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

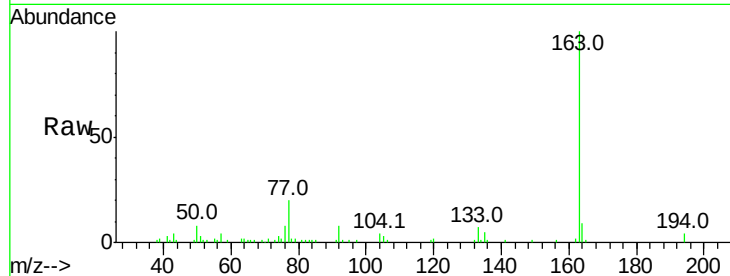




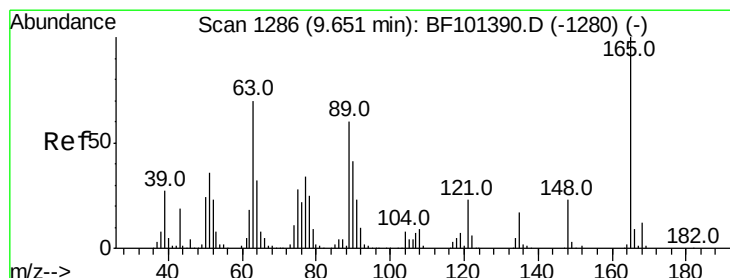
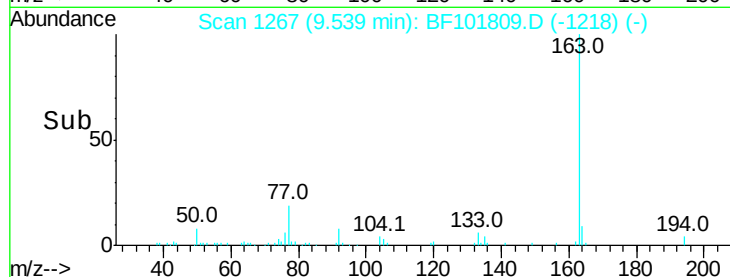
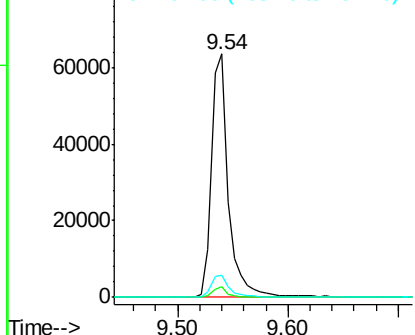
#49
Dimethylphthalate
Concen: 3.531 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 66546
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.0 8.2 12.2

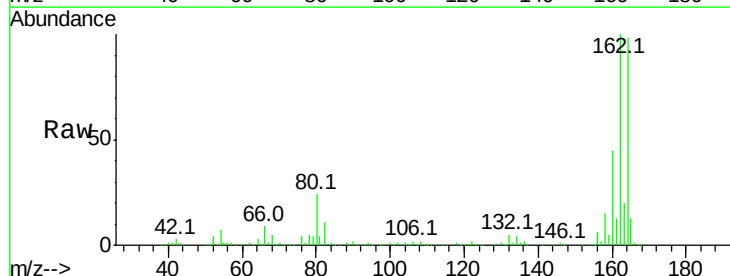


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

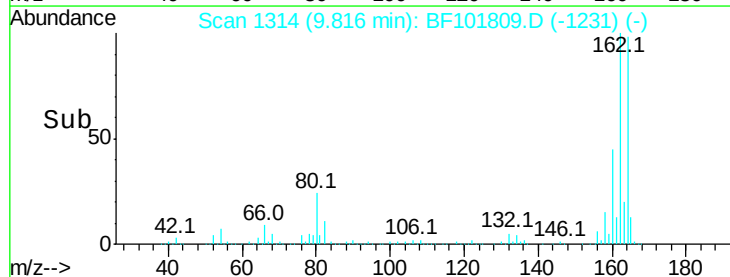
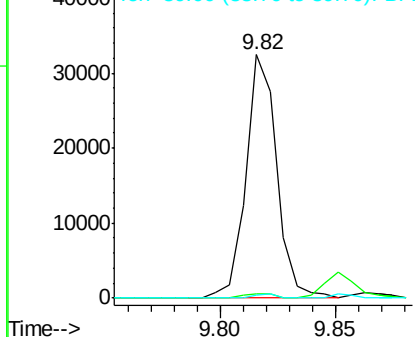


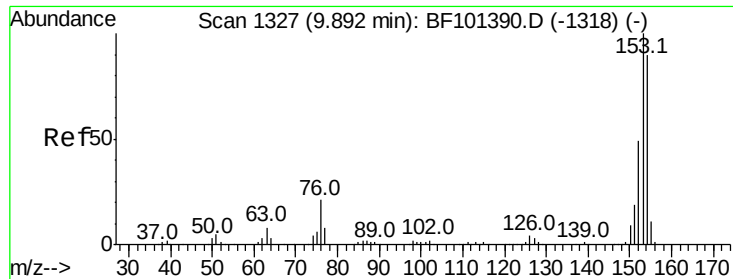
#50
2,6-Dinitrotoluene
Concen: 7.914 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.19 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion:165 Resp: 30311
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.4 44.0 66.0#



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





#51

Acenaphthene

Concen: 2.248 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampleId :

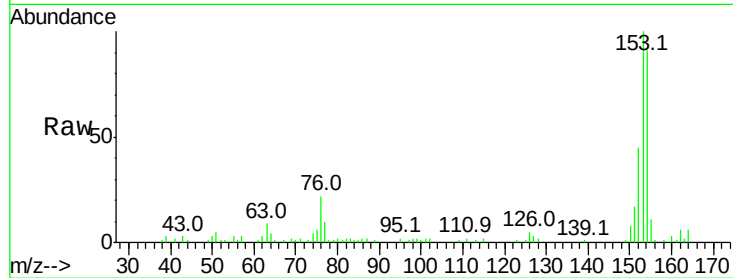
Tot Ion:154 Resp: 33911

Ion Ratio Lower Upper

154 100

153 110.1 91.2 136.8

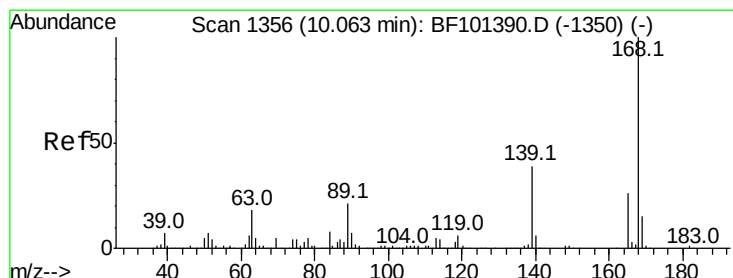
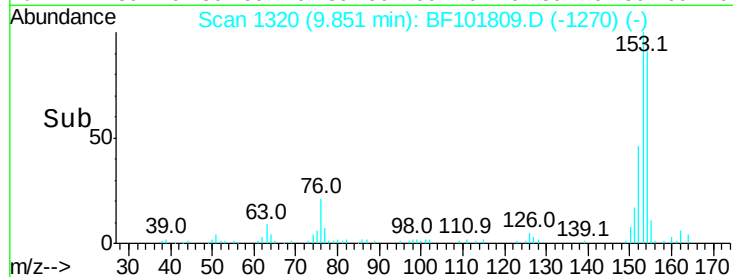
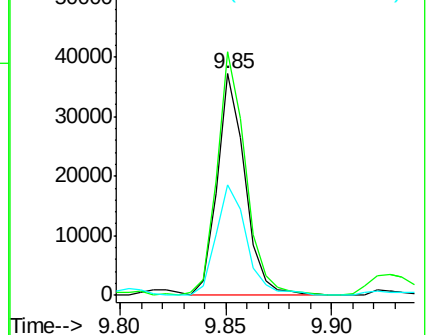
152 50.0 43.8 65.8



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

Dibenzofuran

Concen: 2.825 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

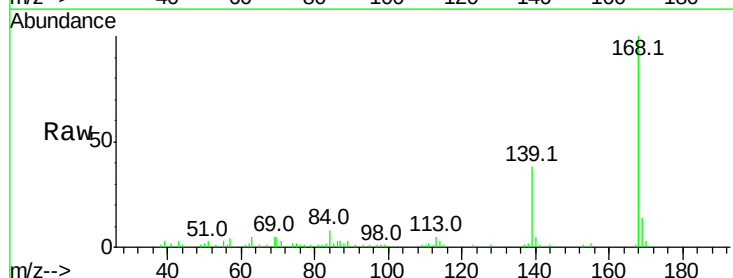
Tgt Ion:168 Resp: 54165

Ion Ratio Lower Upper

168 100

139 38.2 30.1 45.1

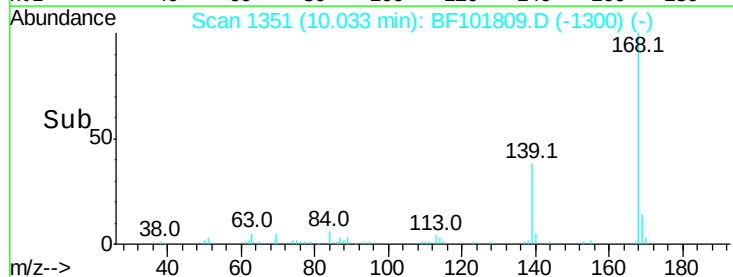
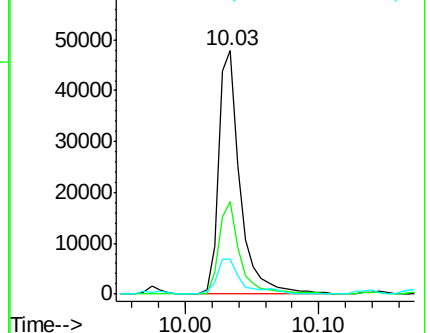
169 14.3 10.9 16.3

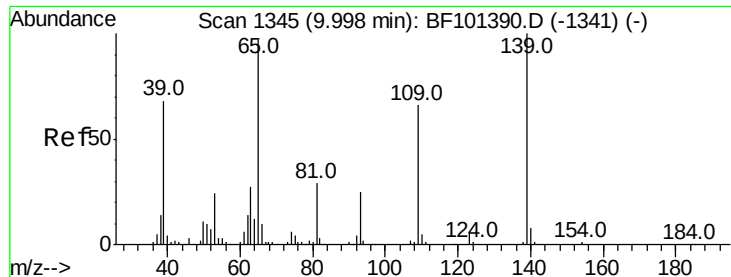


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

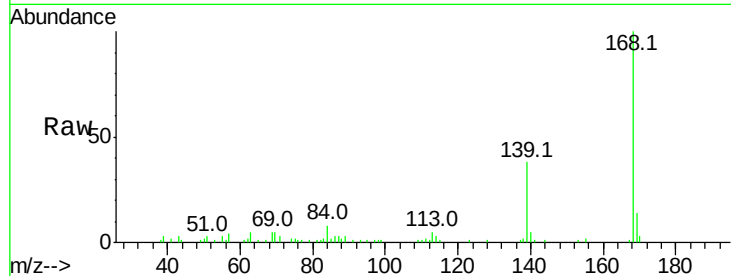




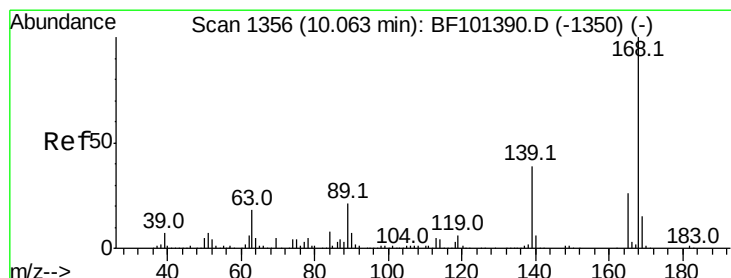
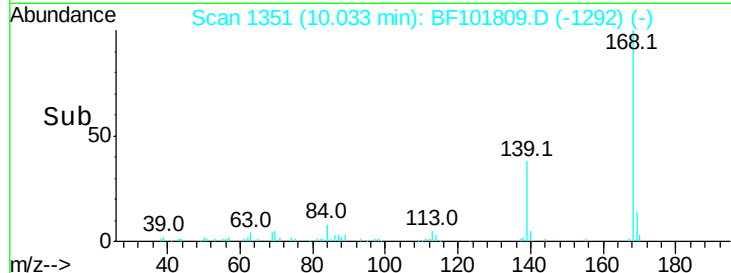
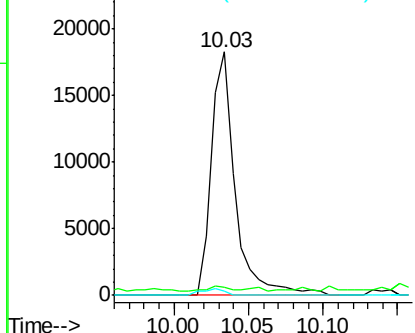
#55
4-Nitrophenol
Concen: 9.737 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 20275
Ion Ratio Lower Upper
139 100
109 3.2 48.4 88.4#
65 1.6 72.6 112.6#

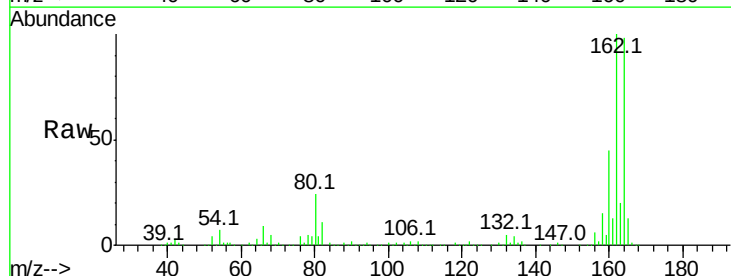


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

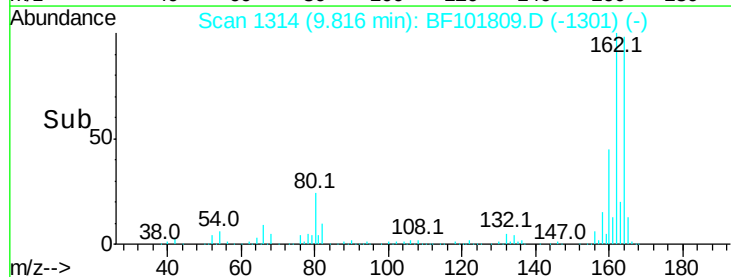
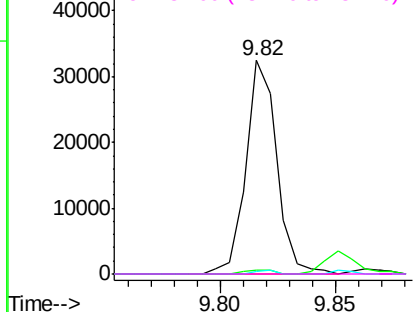


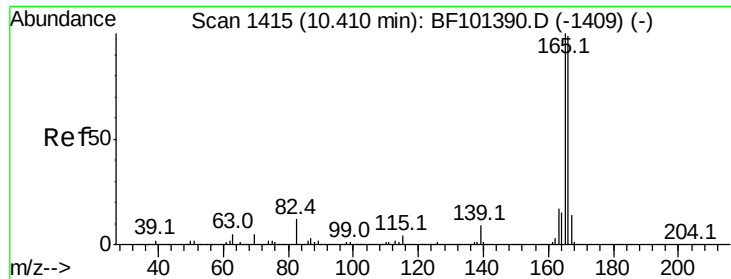
#56
2,4-Dinitrotoluene
Concen: 7.024 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.22 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion:165 Resp: 30311
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

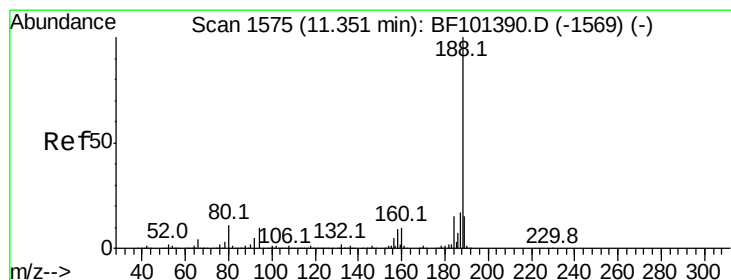
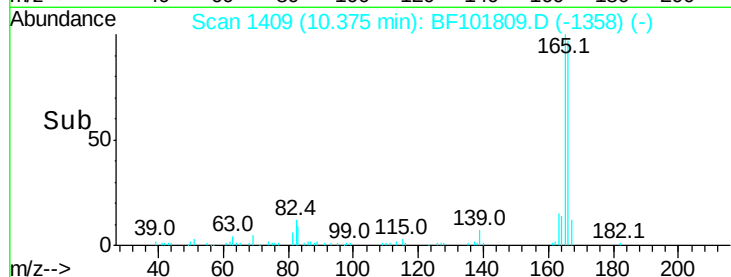
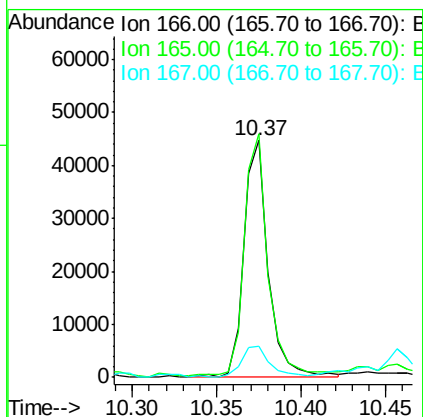
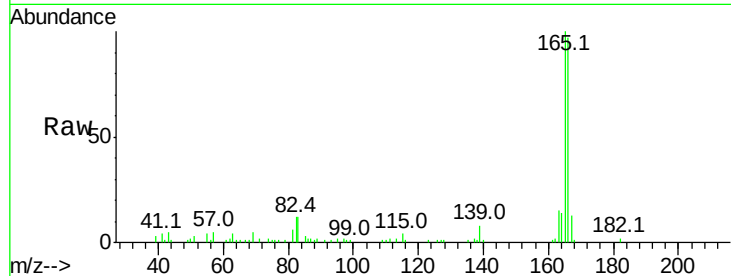




#57
Fluorene
 Concen: 2.784 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF101809.D
 Acq: 28 Dec 2017 18:19

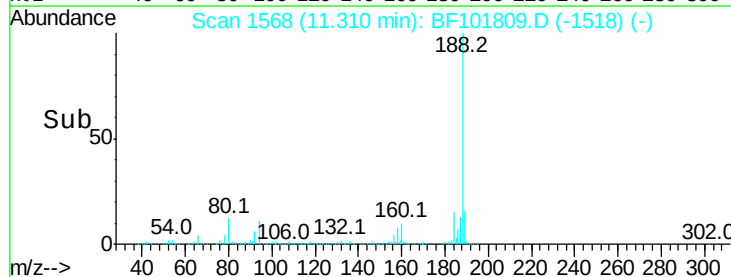
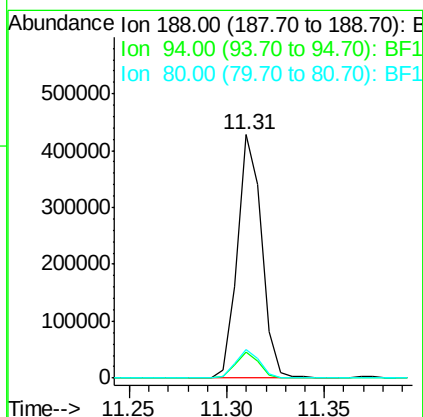
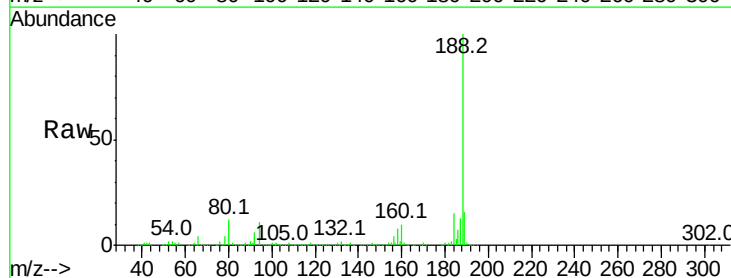
Instrument :
 BNA_F
 ClientSampleId :

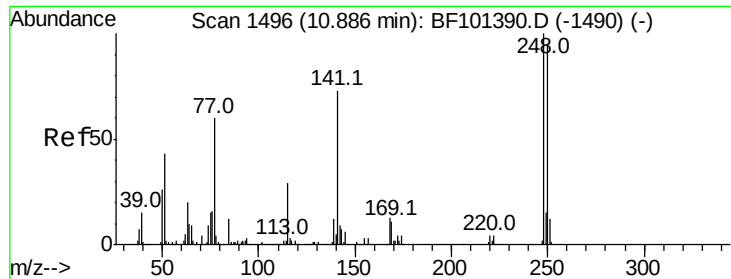
Tot Ion:166 Resp: 45154
 Ion Ratio Lower Upper
 166 100
 165 102.8 79.8 119.8
 167 13.4 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF101809.D
 Acq: 28 Dec 2017 18:19

Tgt Ion:188 Resp: 368775
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.9 9.2 13.8

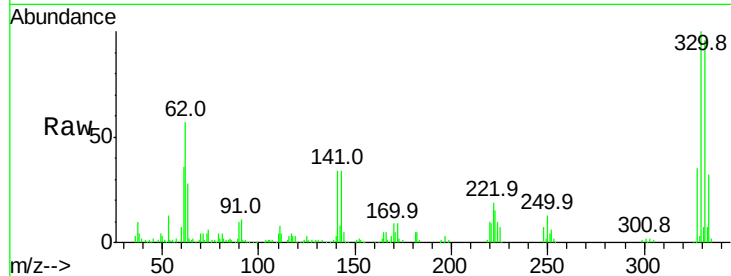




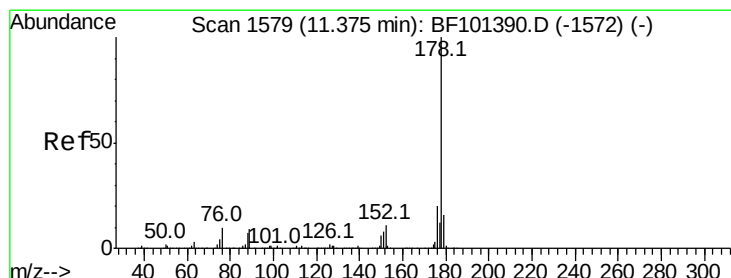
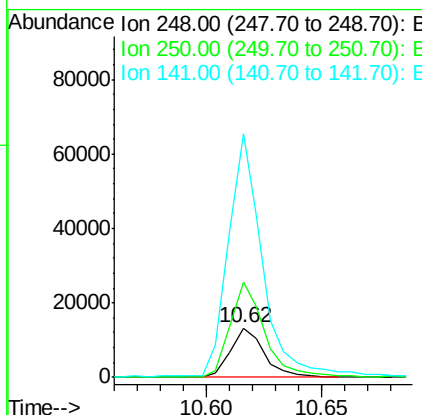
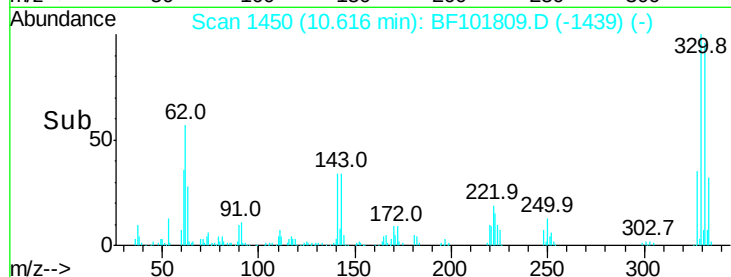
#66
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13347
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 496.3 74.4 111.6#

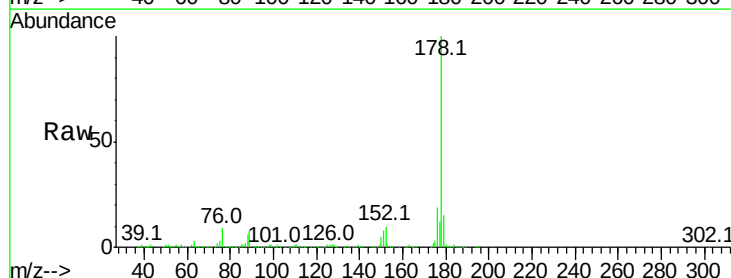


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

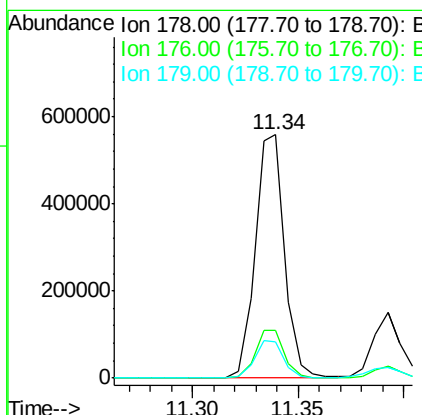
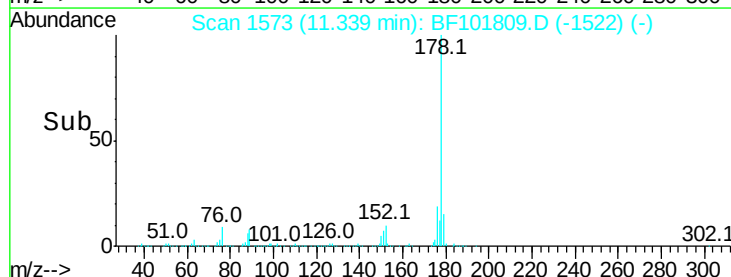


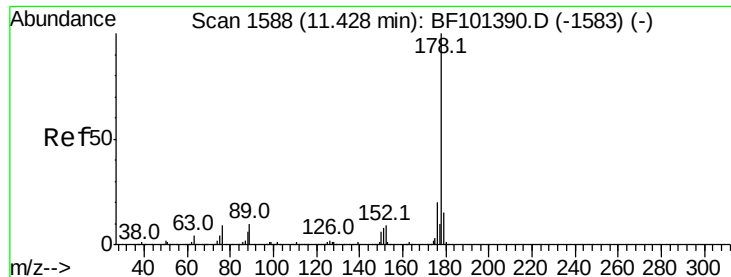
#70
Phenanthrene
Concen: 26.287 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion:178 Resp: 539100
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.2 13.0 19.6



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

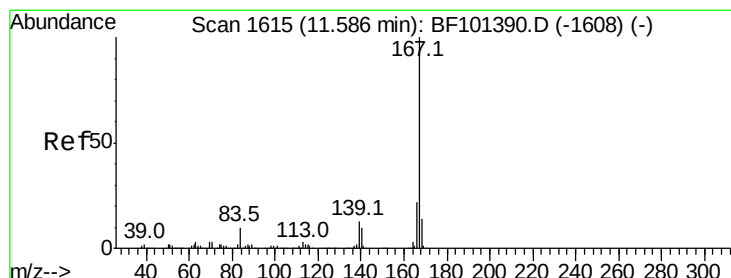
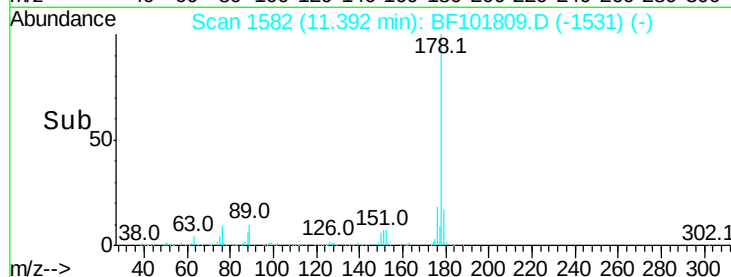
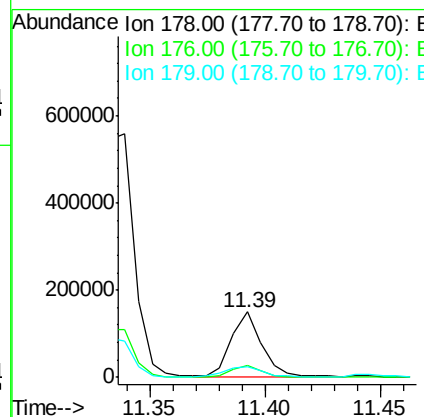
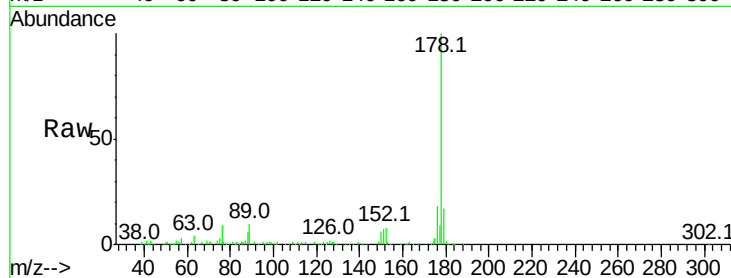




#71
 Anthracene
 Concen: 6.586 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF101809.D
 Acq: 28 Dec 2017 18:19

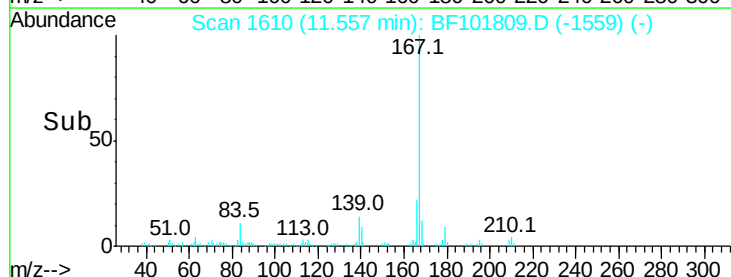
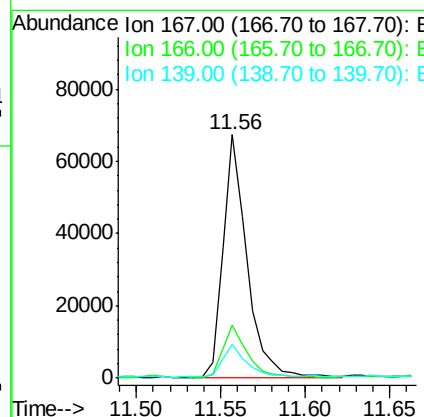
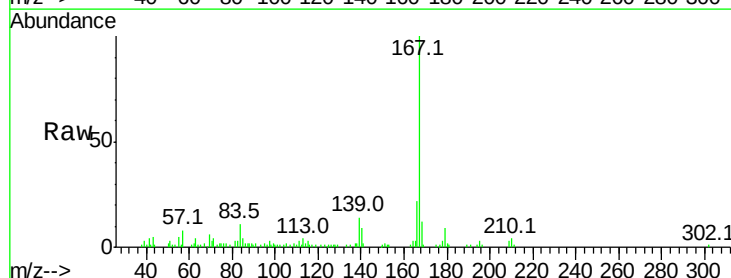
Instrument :
 BNA_F
 ClientSampleId :

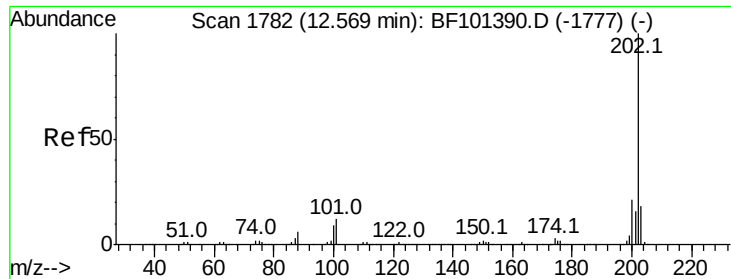
Tot Ion:178 Resp: 137959
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.2
 179 17.0 12.6 19.0



#72
 Carbazole
 Concen: 3.445 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101809.D
 Acq: 28 Dec 2017 18:19

Tgt Ion:167 Resp: 67562
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.9 10.9 16.3





#74

Fluoranthene

Concen: 22.445 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampleId :

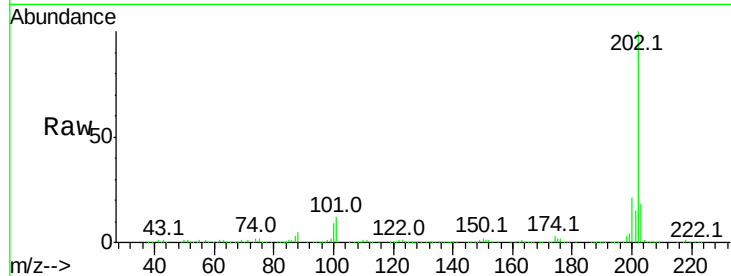
Tot Ion:202 Resp: 483152

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

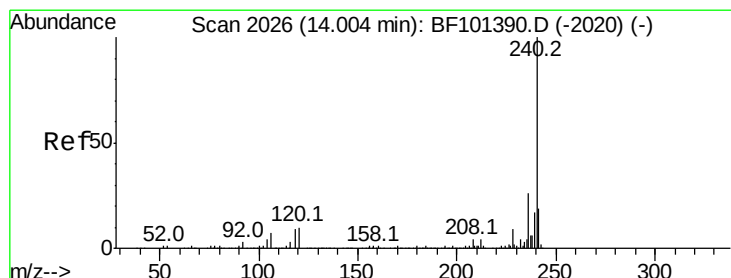
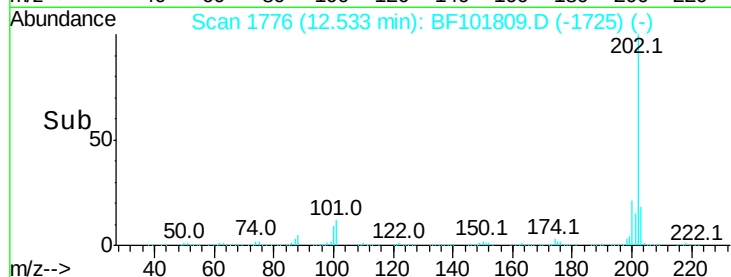
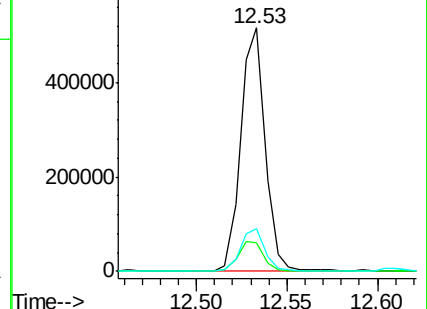
203 17.7 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

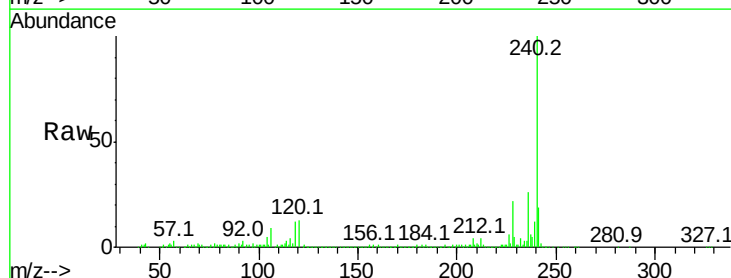
Tgt Ion:240 Resp: 286867

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

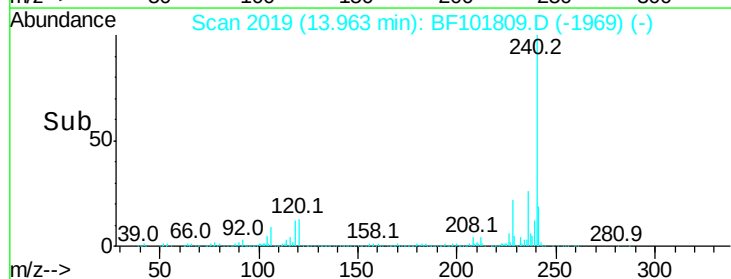
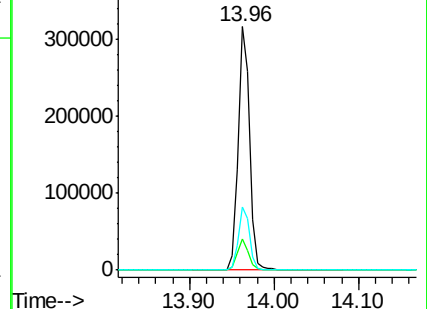
236 25.7 20.7 31.1

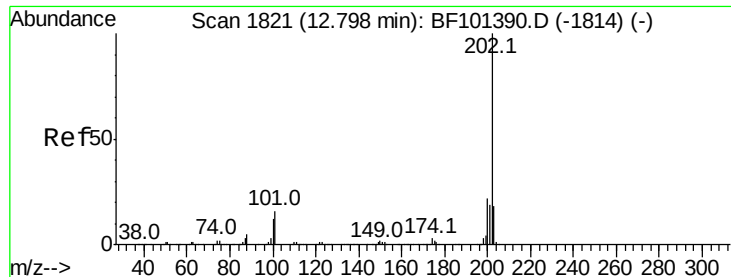


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 18.921 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampled :

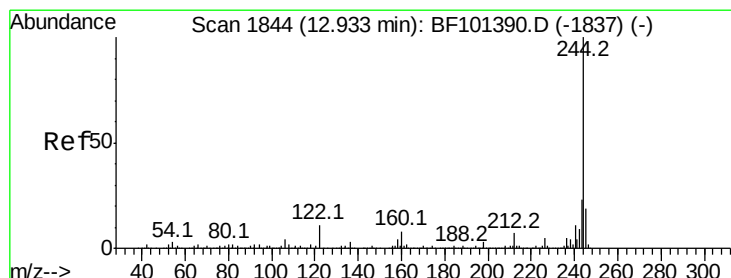
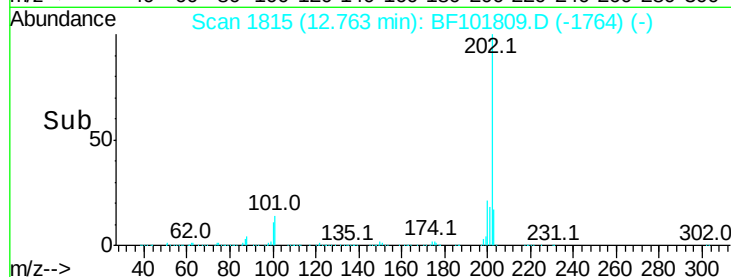
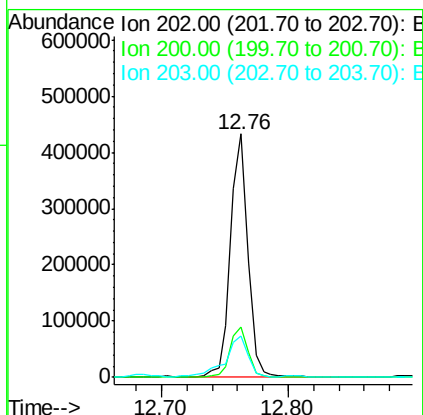
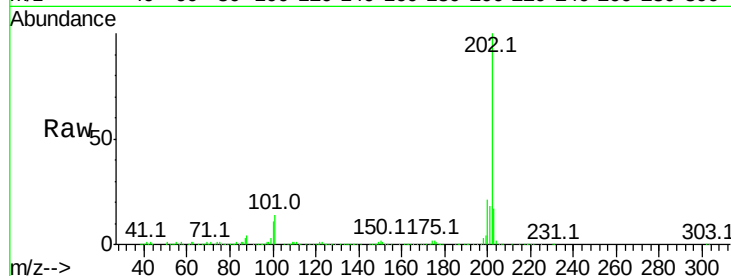
Tot Ion:202 Resp: 407351

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

203 16.9 14.3 21.5



#78

Terphenyl-d14

Concen: 68.851 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

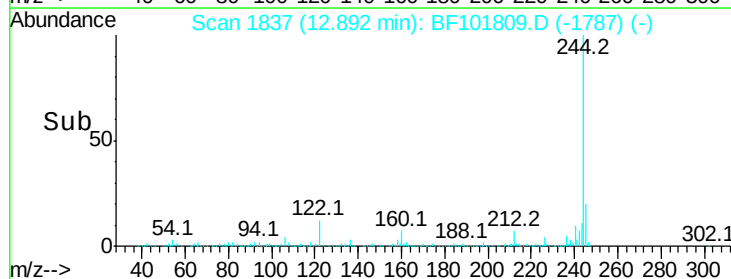
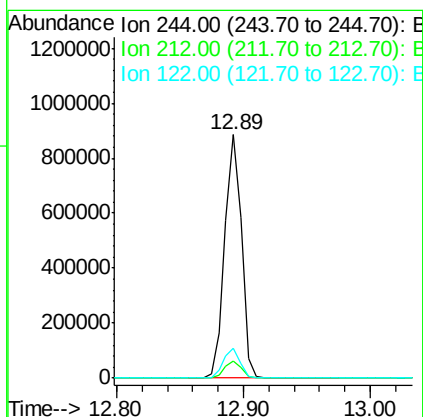
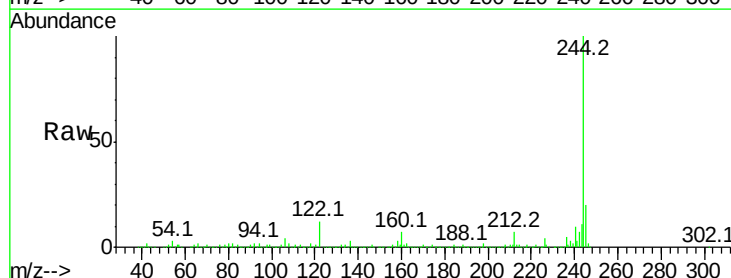
Tgt Ion:244 Resp: 819288

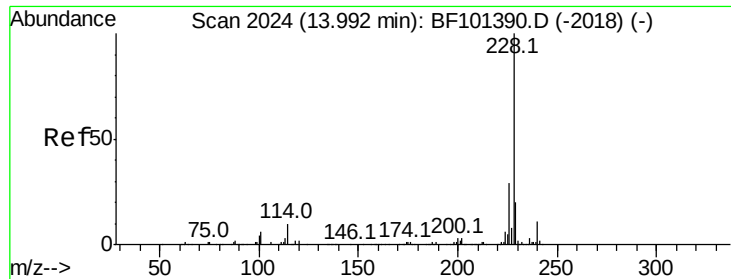
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 12.0 11.0 16.4

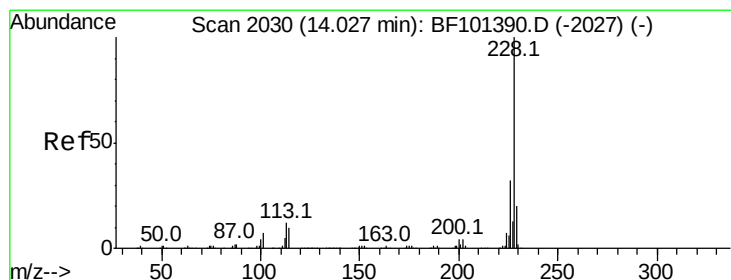
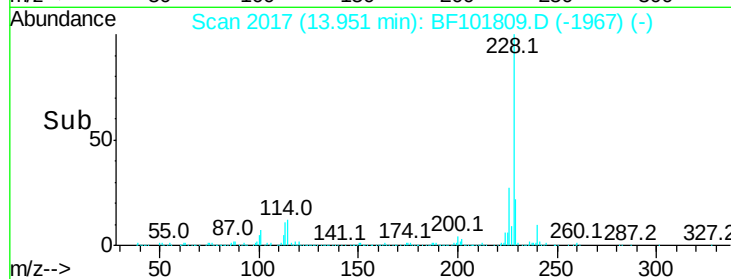
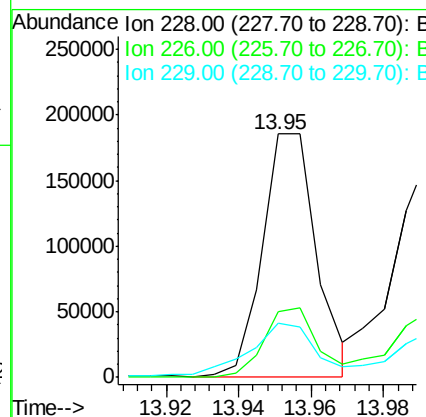
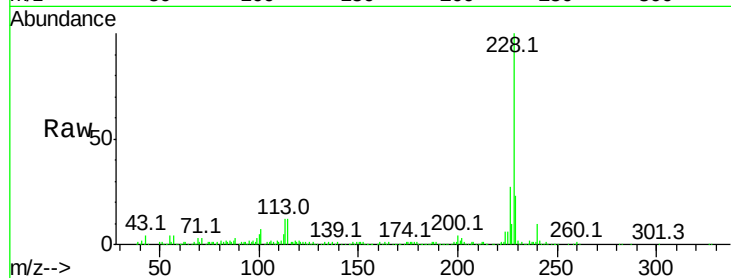




#80
Benzo(a)anthracene
Concen: 10.085 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

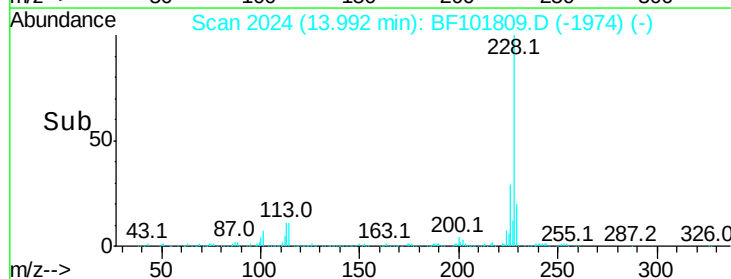
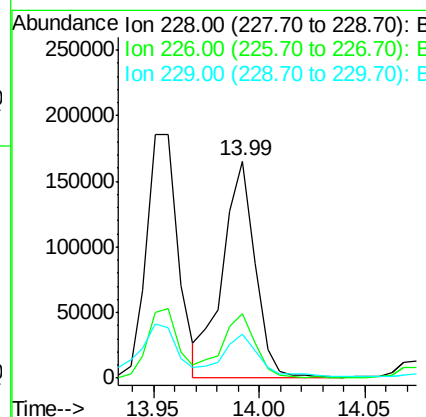
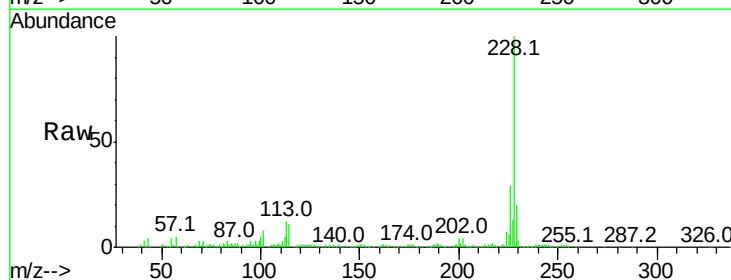
Instrument :
BNA_F
ClientSampleId :

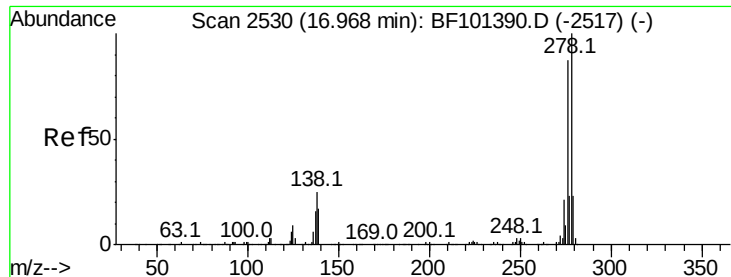
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	22.5	15.8	23.6



#82
Chrysene
Concen: 9.757 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	20.5	16.2	24.4

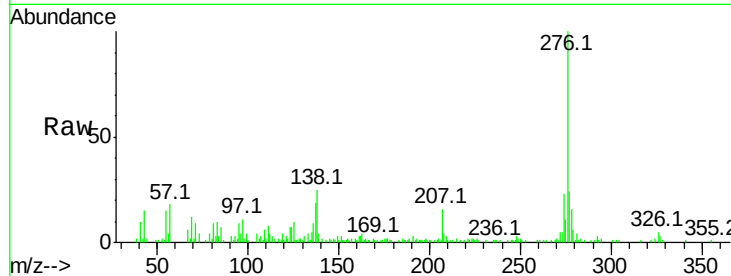




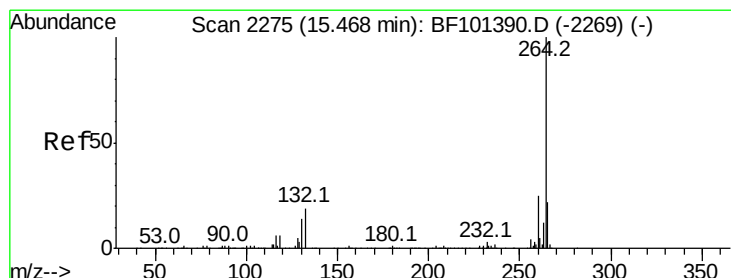
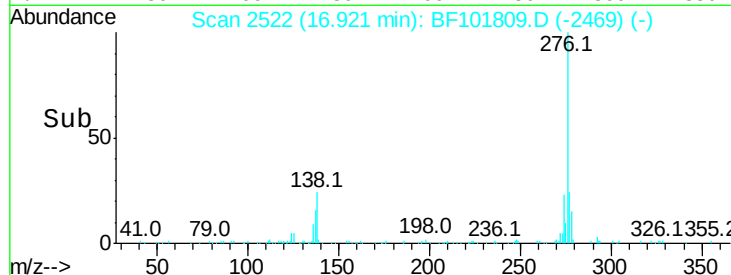
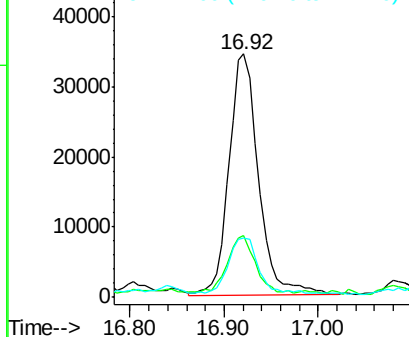
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.720 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF101809.D
 Acq: 28 Dec 2017 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 75171
 Ion Ratio Lower Upper
 276 100
 138 22.8 25.0 37.6#
 277 23.0 20.1 30.1

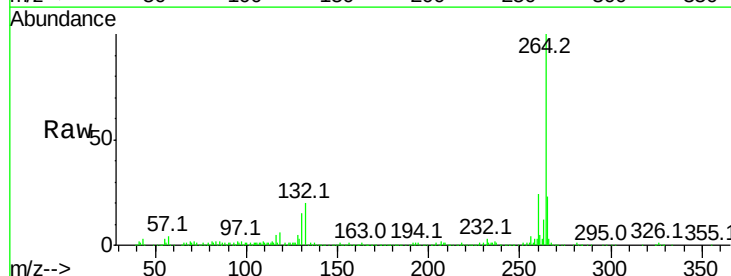


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

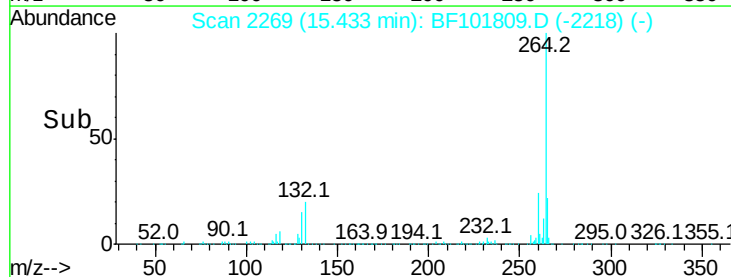
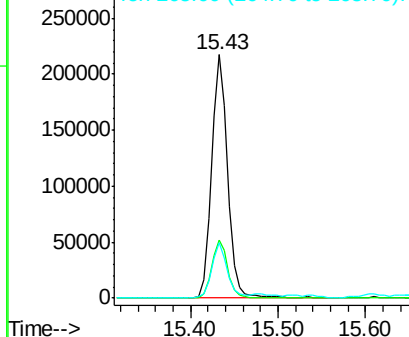


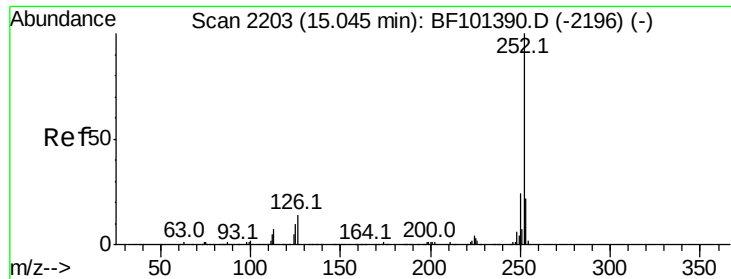
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101809.D
 Acq: 28 Dec 2017 18:19

Tgt Ion:264 Resp: 277342
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.6 17.5 26.3



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

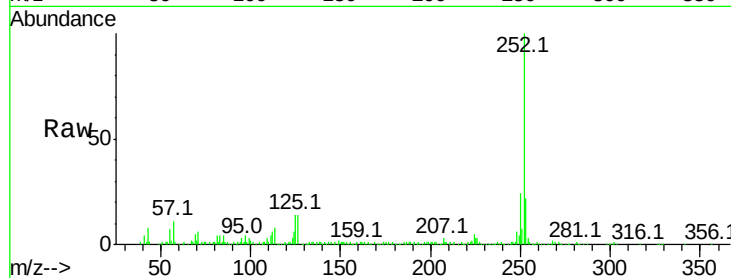




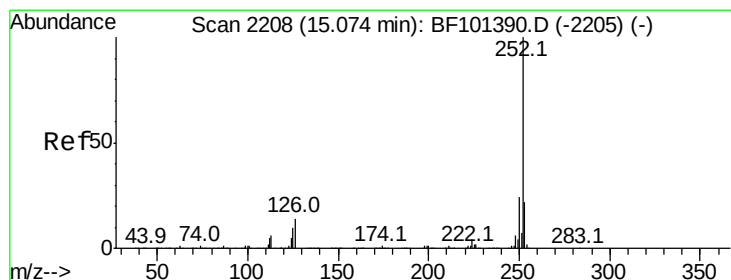
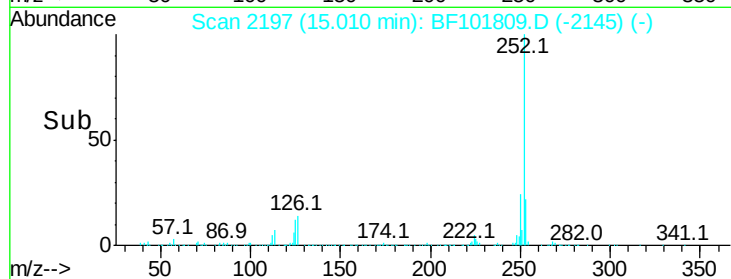
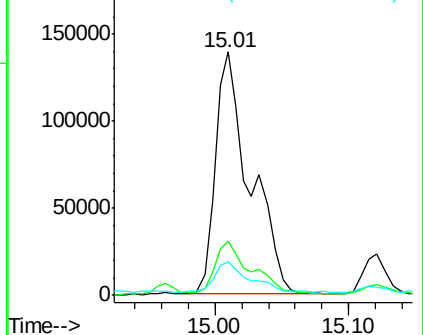
#87
Benzo(b)fluoranthene
Concen: 14.886 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 251640
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 14.0 9.0 13.6#

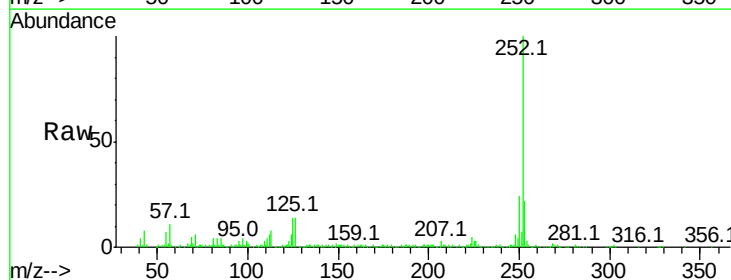


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

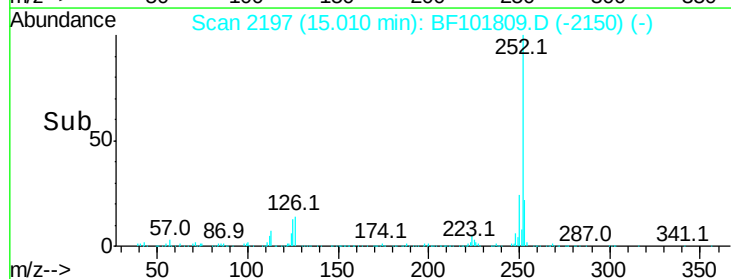
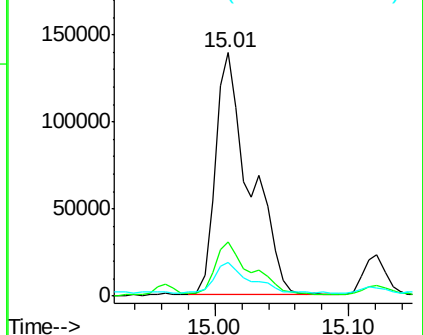


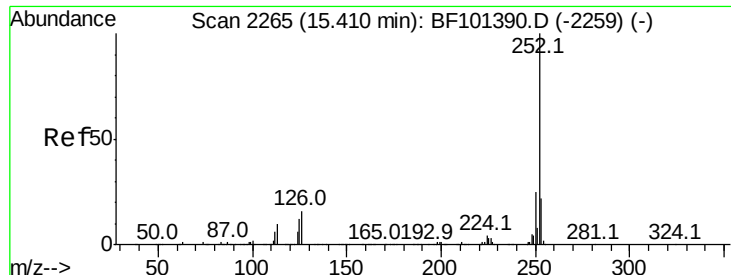
#88
Benzo(k)fluoranthene
Concen: 15.310 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF101809.D
Acq: 28 Dec 2017 18:19

Tgt Ion:252 Resp: 251640
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 14.0 10.2 15.2



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(a)pyrene

Concen: 8.654 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

Instrument :

BNA_F

ClientSampleId :

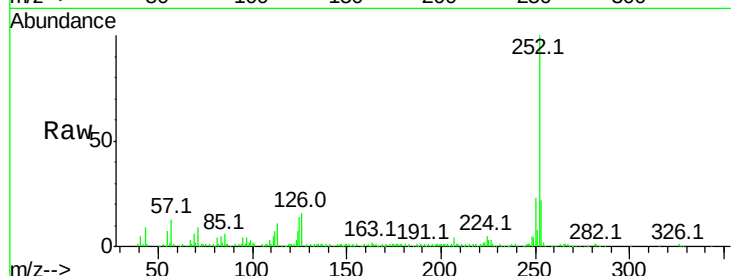
Tot Ion:252 Resp: 134858

Ion Ratio Lower Upper

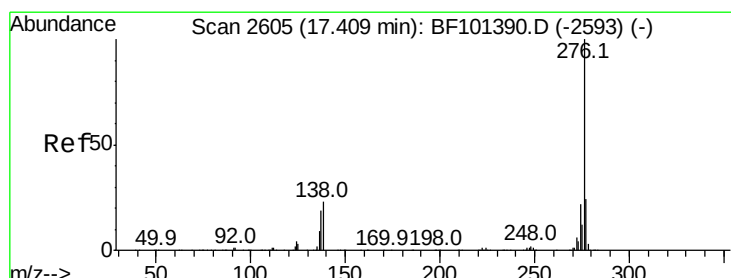
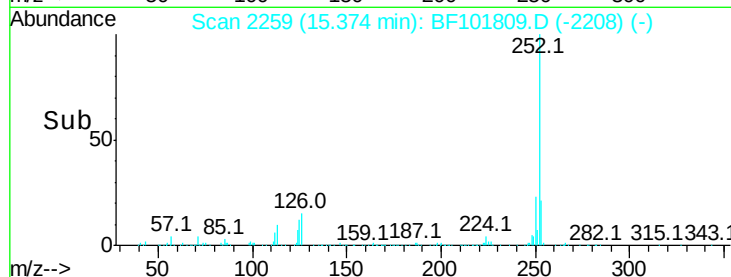
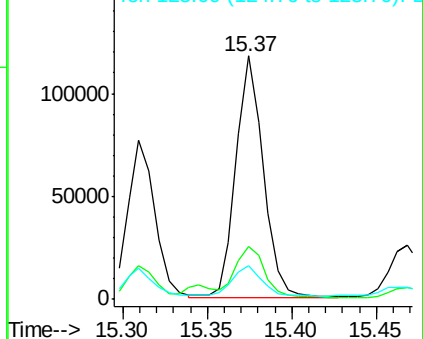
252 100

253 21.5 17.1 25.7

125 13.9 9.8 14.6



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

Benzo(g,h,i)perylene

Concen: 5.110 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF101809.D

Acq: 28 Dec 2017 18:19

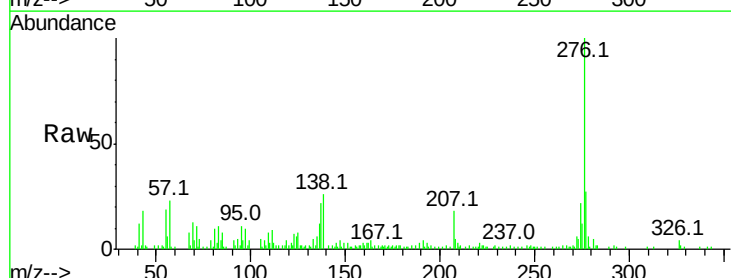
Tgt Ion:276 Resp: 67702

Ion Ratio Lower Upper

276 100

277 27.4 17.9 26.9#

138 26.2 21.8 32.8



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

