

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108071.D
 Acq On : 10 Aug 2018 00:40
 Operator : JU/SJ
 Sample : J4388-07 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: Aug 10 03:32:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	299455	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1095044	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	461390	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	741956	20.00	ng	0.00
75) Chrysene-d12	14.22	240	683742	20.00	ng	0.00
86) Perylene-d12	15.78	264	543750	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	550196	33.26	ng	0.00
7) Phenol-d6	6.62	99	736567	33.51	ng	-0.01
23) Nitrobenzene-d5	7.57	82	443887	22.62	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	112321	24.41	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	703249	24.47	ng	0.00
78) Terphenyl-d14	13.15	244	573839	21.34	ng	0.00

Target Compounds

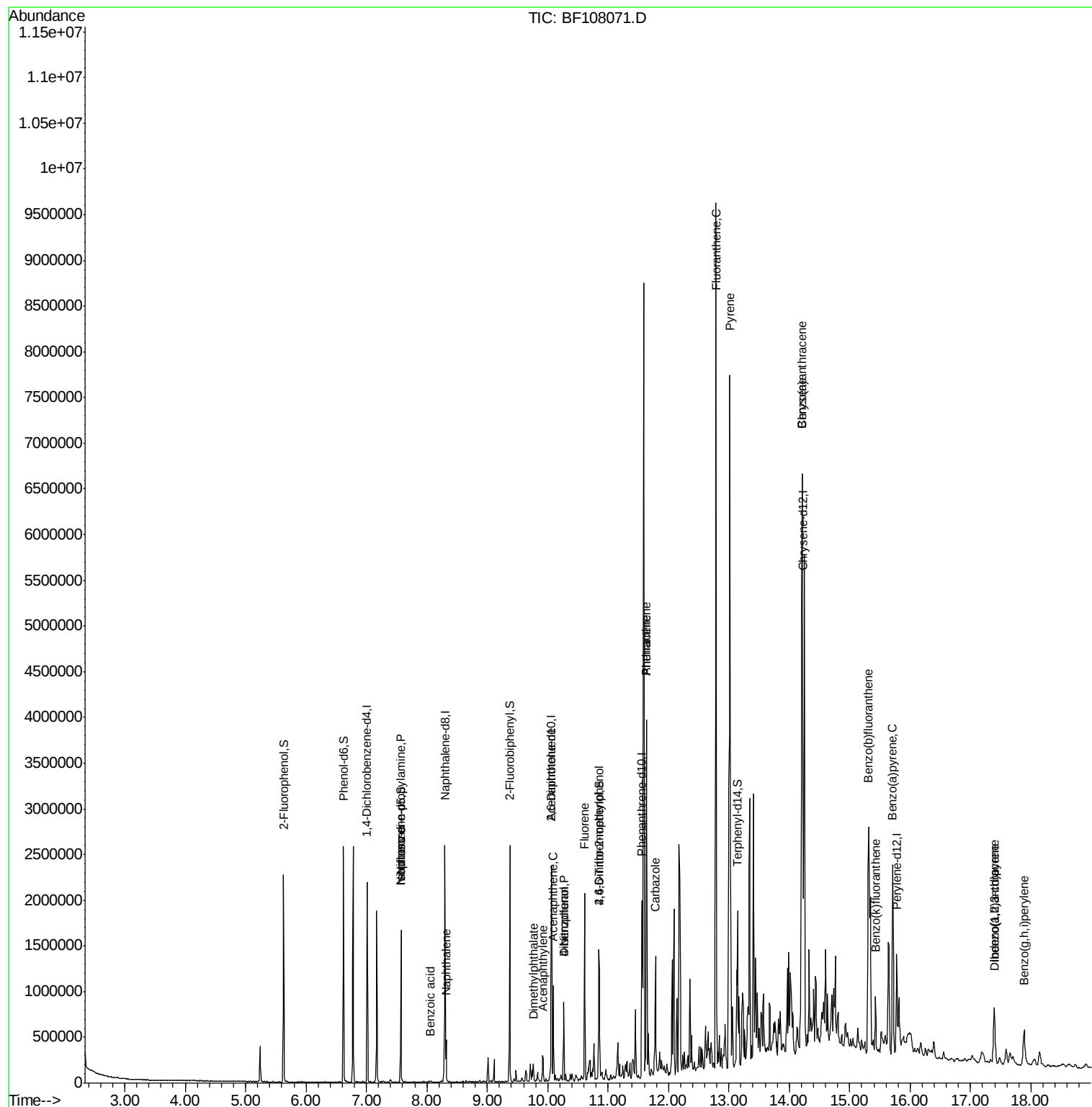
						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	59417	3.998	ng	# 85
25) Isophorone	7.57	82	443672	11.862	ng	# 64
31) Naphthalene	8.32	128	166808	3.350	ng	99
32) Benzoic acid	8.06	122	2531	6.204	ng	# 26
48) Acenaphthylene	9.92	152	108491	2.552	ng	98
49) Dimethylphthalate	9.77	163	69655	2.167	ng	# 95
50) 2,6-Dinitrotoluene	10.06	165	66349	9.867	ng	# 25
51) Acenaphthene	10.10	154	189292	7.271	ng	99
54) Dibenzofuran	10.27	168	289971	7.688	ng	99
55) 4-Nitrophenol	10.27	139	109152	19.592	ng	# 10
57) Fluorene	10.61	166	507696	17.003	ng	99
64) 4,6-Dinitro-2-methylphenol	10.85	198	309	5.457	ng	# 1
70) Phenanthrene	11.64	178	1365653	39.024	ng	99
71) Anthracene	11.64	178	1365653	38.075	ng	98
72) Carbazole	11.78	167	496878	15.592	ng	99
74) Fluoranthene	12.79	202	4227628	110.691	ng	91
77) Pyrene	13.02	202	3706591	85.626	ng	# 89
80) Benzo(a)anthracene	14.21	228	2263865	57.693	ng	94
82) Chrysene	14.21	228	2263865	62.929	ng	98
85) Indeno(1,2,3-cd)pyrene	17.39	276	432434	13.873	ng	# 89
87) Benzo(b)fluoranthene	15.31	252	2325695	71.579	ng	97
88) Benzo(k)fluoranthene	15.43	252	291890	9.773	ng	93
89) Benzo(a)pyrene	15.71	252	1089810	37.457	ng	95
90) Dibenzo(a,h)anthracene	17.41	278	128038	5.319	ng	93
91) Benzo(g,h,i)perylene	17.89	276	351526	14.829	ng	# 90

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

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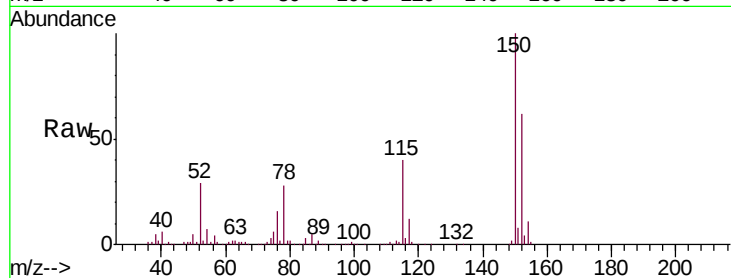


#1

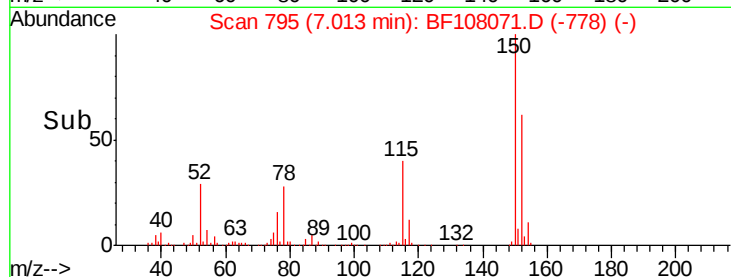
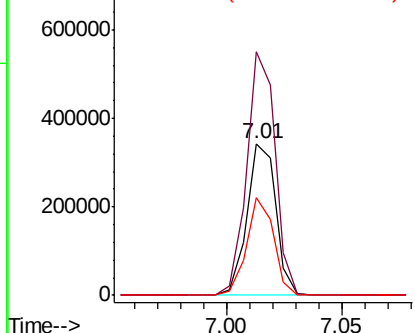
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108071.D
Acq: 10 Aug 2018 00:40

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	64.4	50.1	75.1



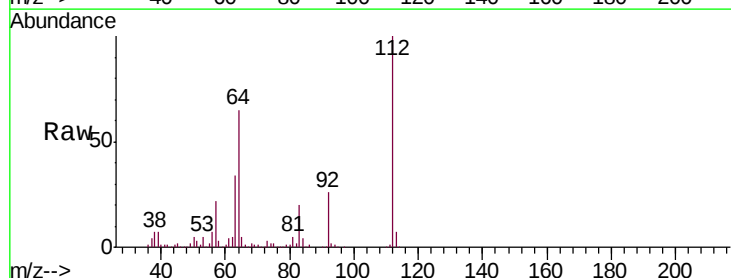
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



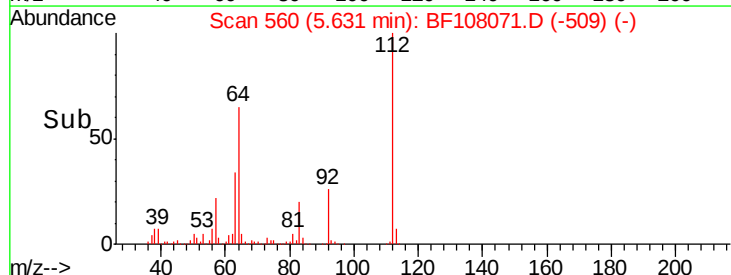
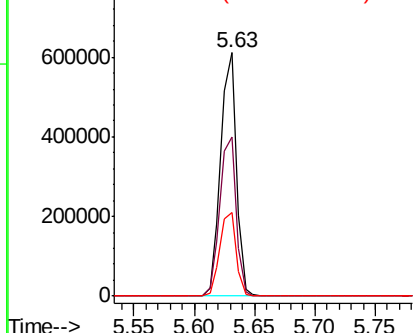
#5

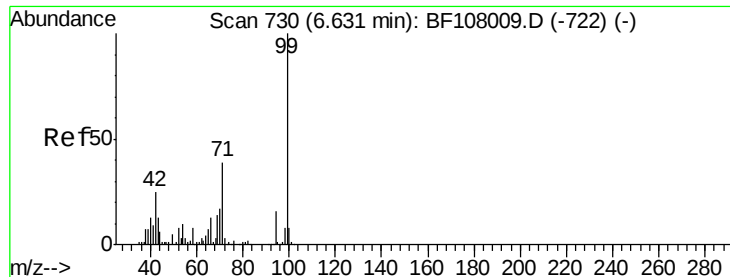
2-Fluorophenol
Concen: 33.264 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108071.D
Acq: 10 Aug 2018 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	34.5	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: 33.511 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

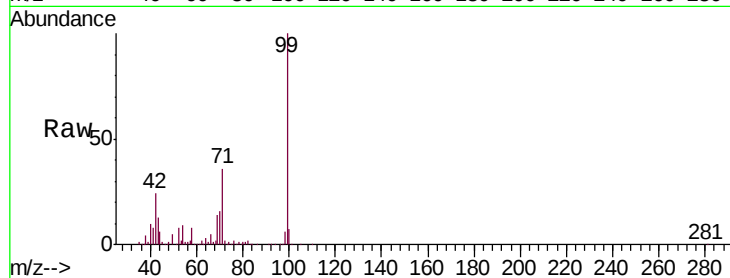
Tgt Ion: 99 Resp: 736567

Ion Ratio Lower Upper

99 100

42 23.6 14.5 21.7#

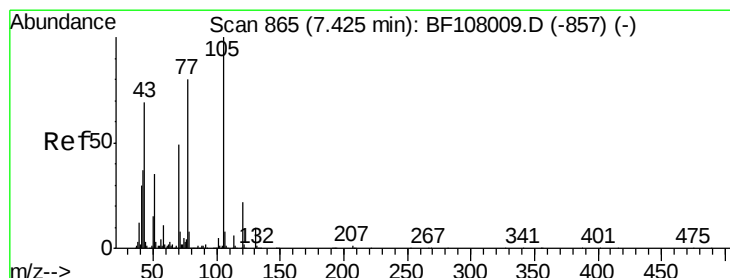
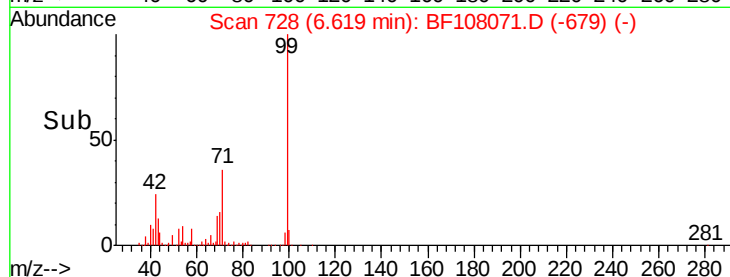
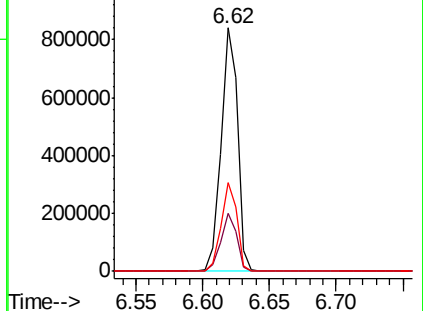
71 36.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 3.998 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Tgt Ion: 70 Resp: 59417

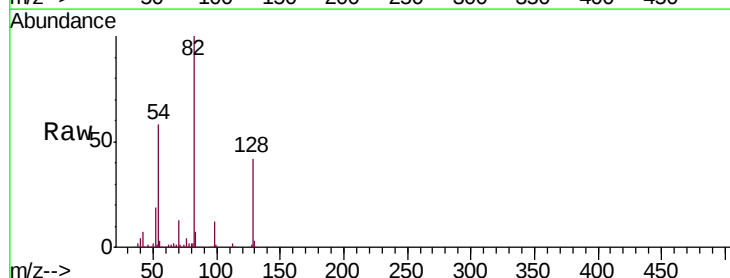
Ion Ratio Lower Upper

70 100

42 56.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

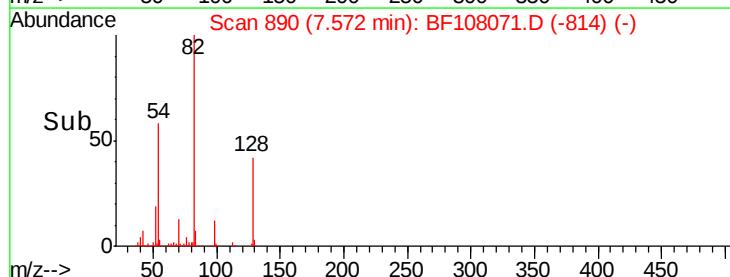
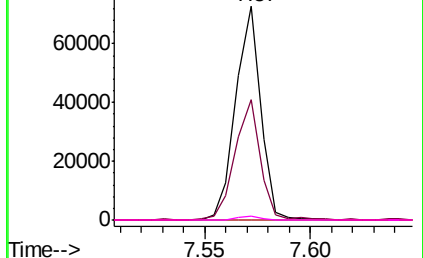


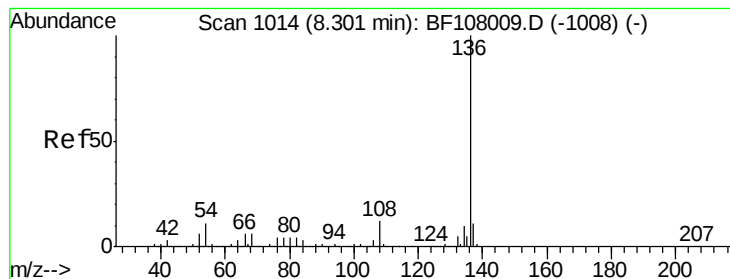
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 1095044

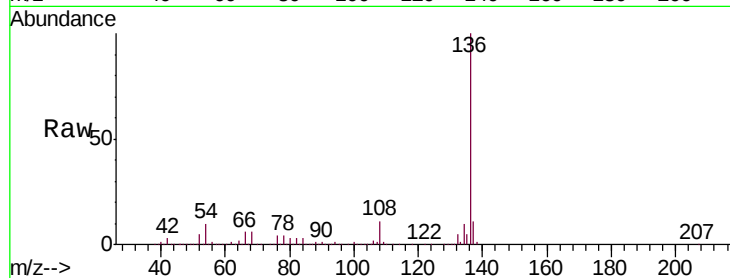
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 5.8 5.0 7.4

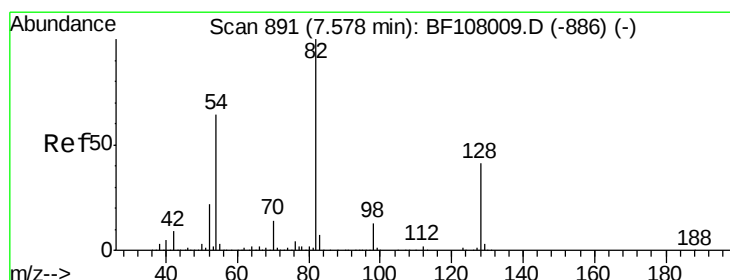
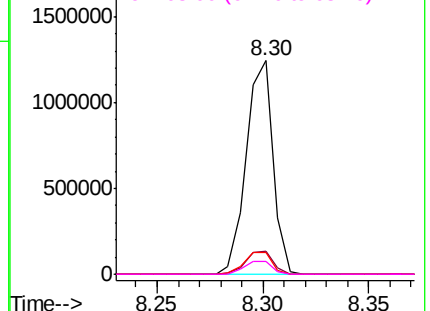
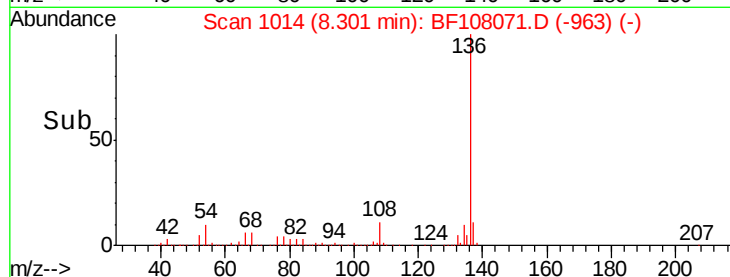


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 22.620 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

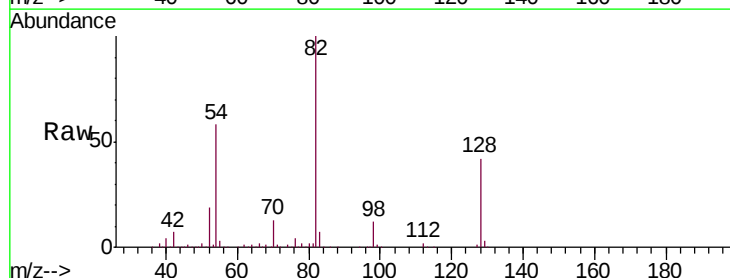
Tgt Ion: 82 Resp: 443887

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

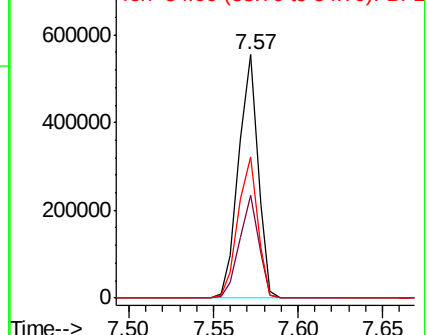
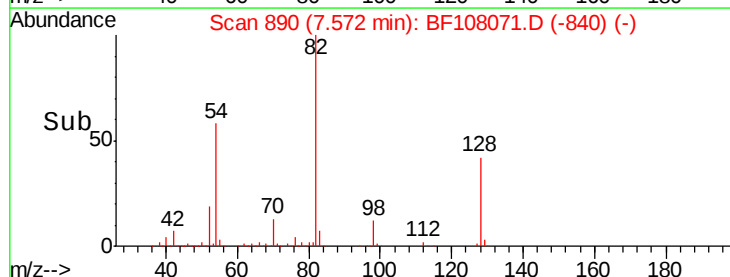
54 57.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 11.862 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

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ClientSampleId :

DFTPP

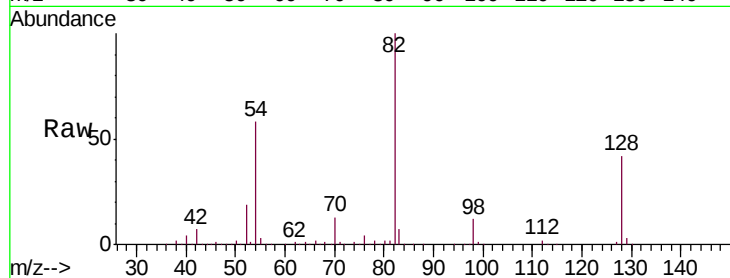
Tgt Ion: 82 Resp: 443672

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

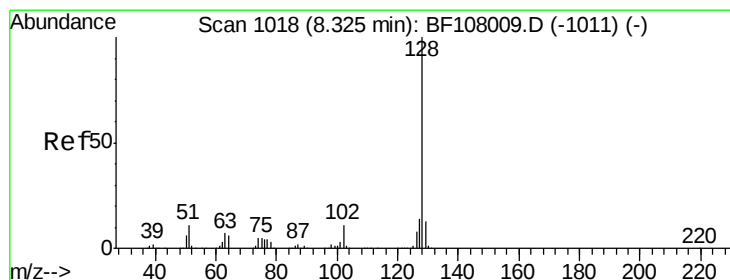
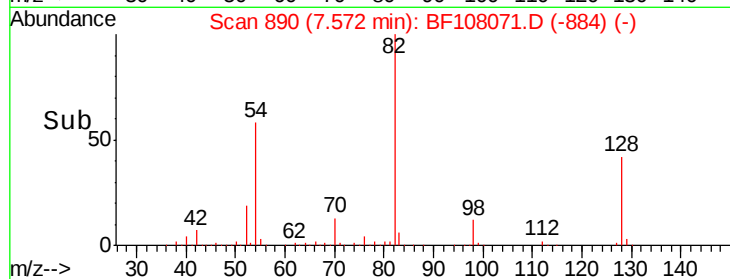
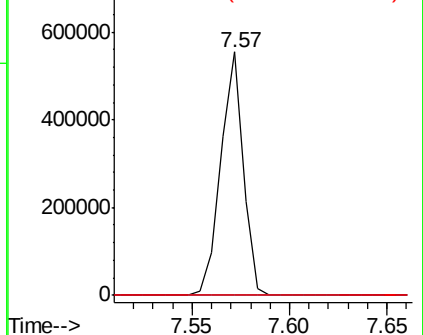
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 3.350 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

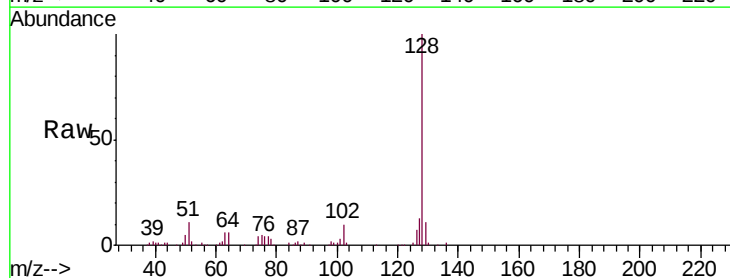
Tgt Ion: 128 Resp: 166808

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

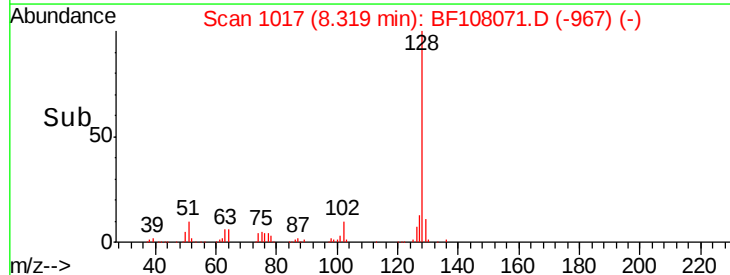
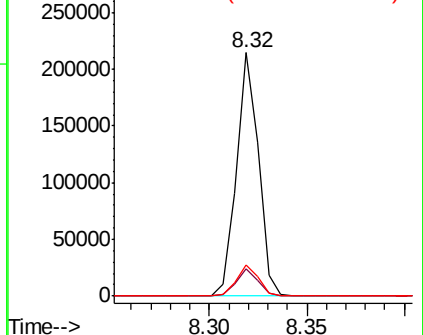
127 12.7 10.9 16.3

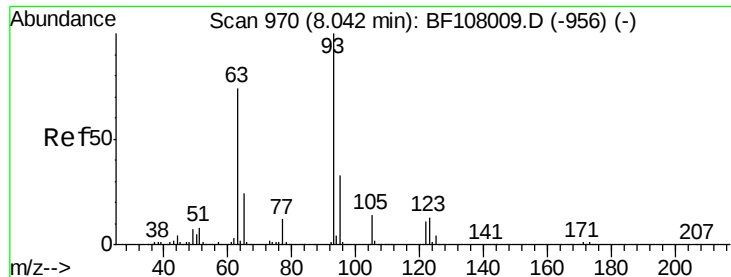


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

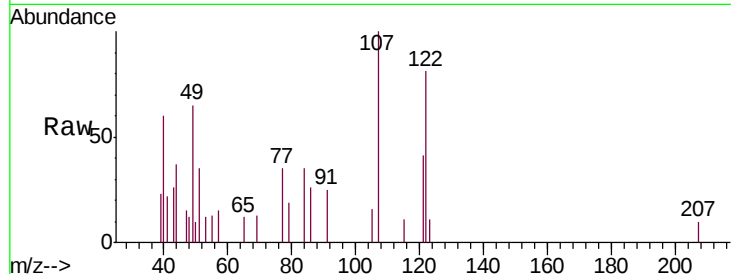




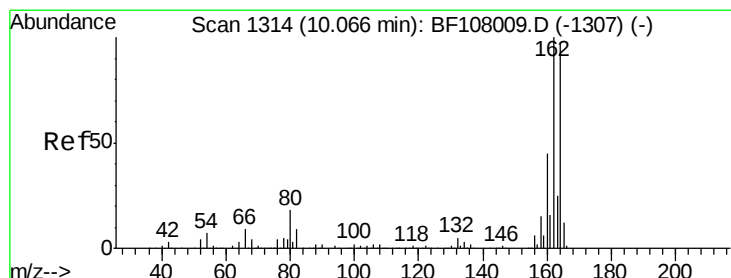
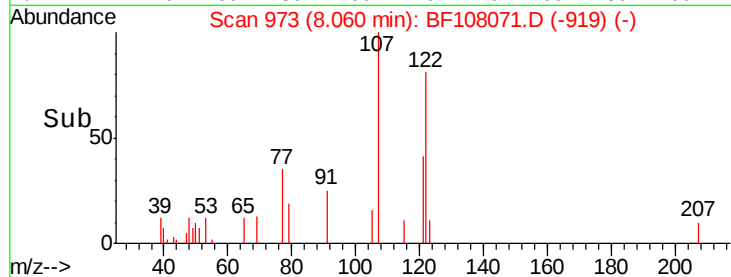
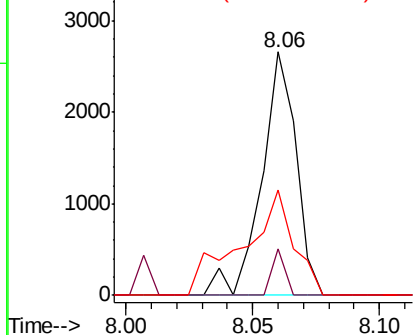
#32
Benzoic acid
Concen: 6.204 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108071.D
Acq: 10 Aug 2018 00:40

Instrument :
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DFTPP

Tgt Ion:122 Resp: 2531
Ion Ratio Lower Upper
122 100
105 19.3 101.1 141.1#
77 43.3 70.7 110.7#

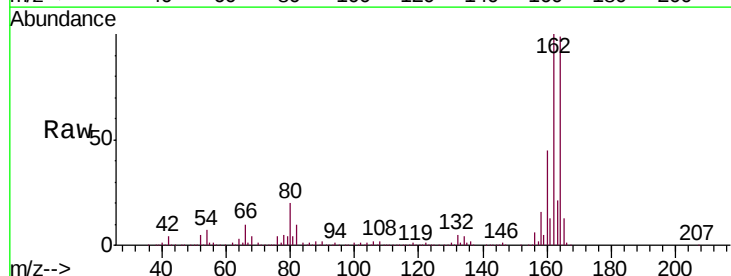


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

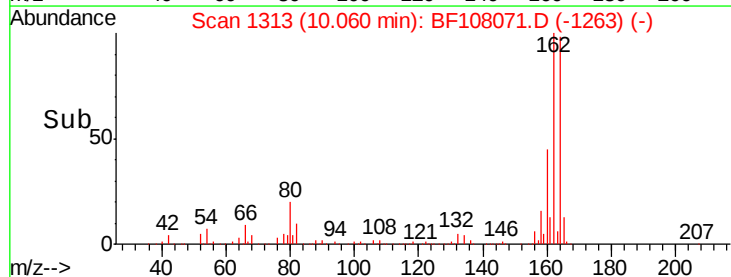
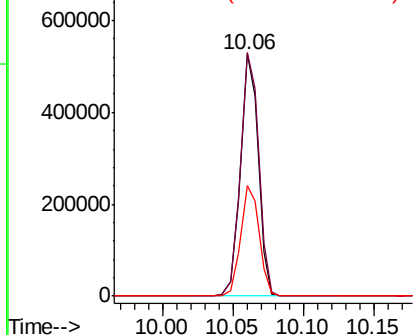


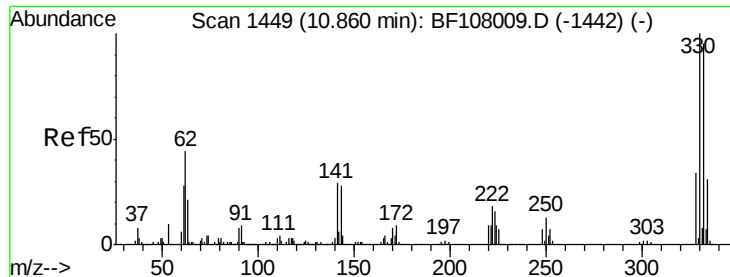
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108071.D
Acq: 10 Aug 2018 00:40

Tgt Ion:164 Resp: 461390
Ion Ratio Lower Upper
164 100
162 100.6 86.1 129.1
160 45.5 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

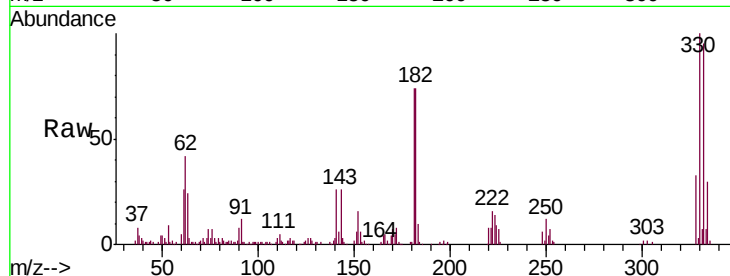




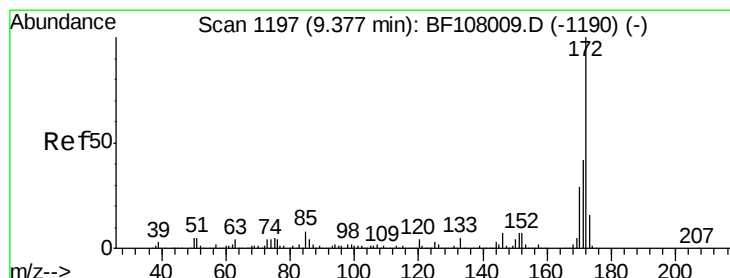
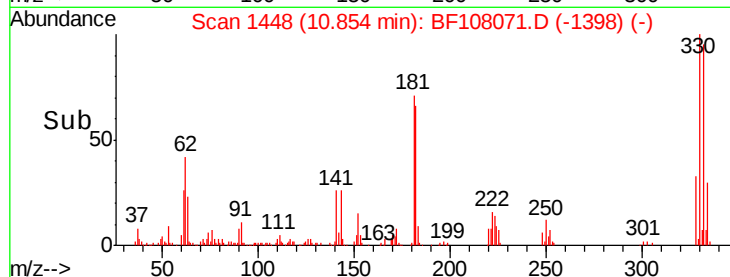
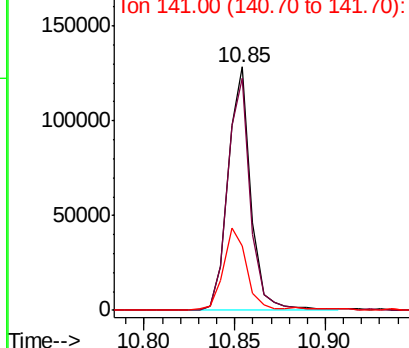
#41
 2,4,6-Tribromophenol
 Concen: 24.406 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 112321
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 36.3 29.9 44.9

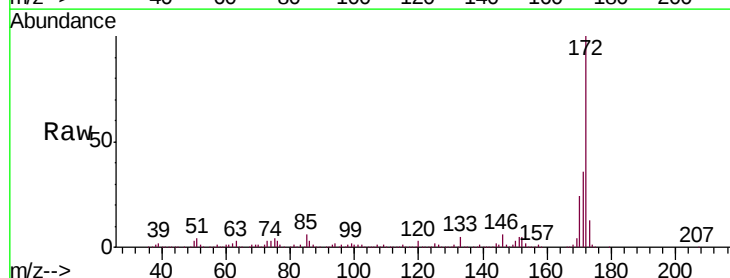


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

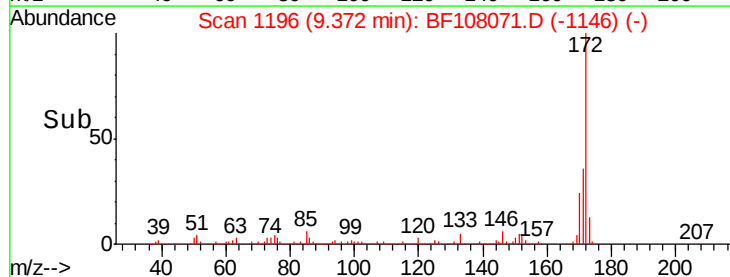
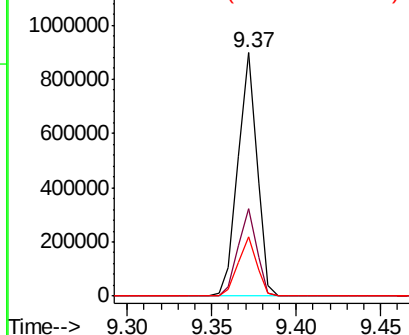


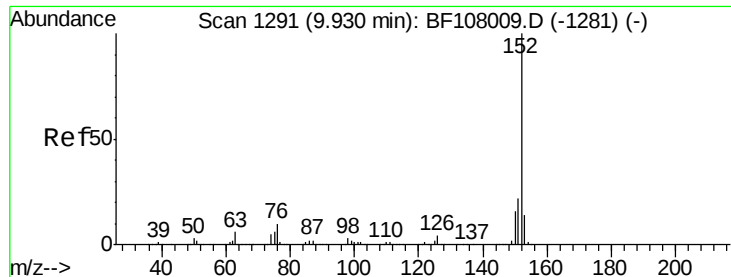
#44
 2-Fluorobiphenyl
 Concen: 24.471 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Tgt Ion:172 Resp: 703249
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.1 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





#48

Acenaphthylene

Concen: 2.552 ng

RT: 9.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

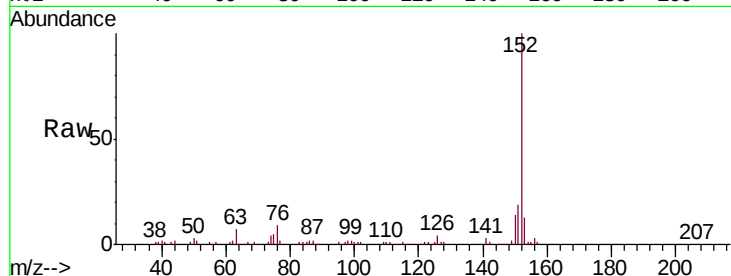
Tgt Ion:152 Resp: 108491

Ion Ratio Lower Upper

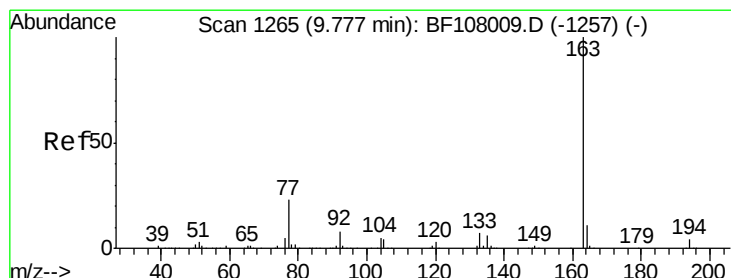
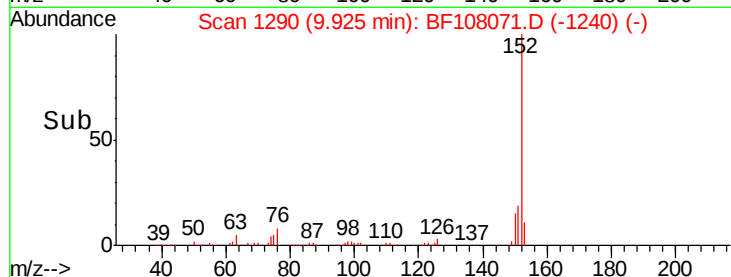
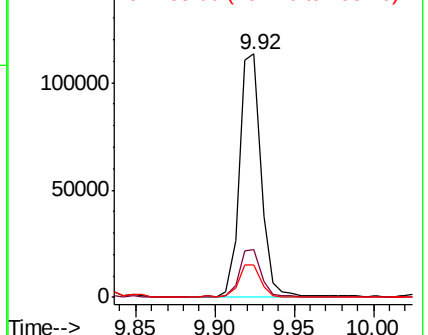
152 100

151 19.4 16.3 24.5

153 13.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 2.167 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

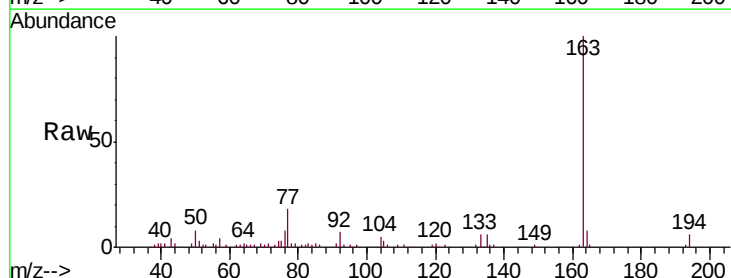
Tgt Ion:163 Resp: 69655

Ion Ratio Lower Upper

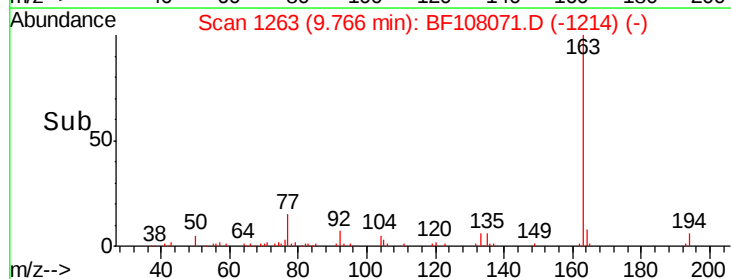
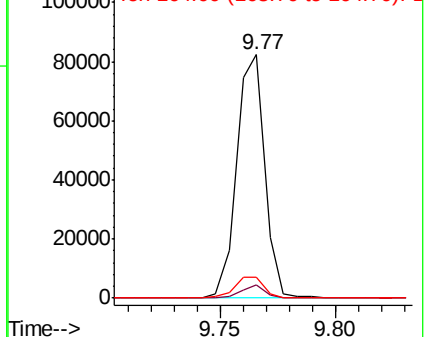
163 100

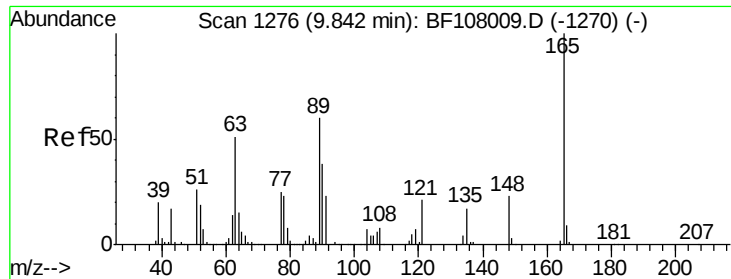
194 5.5 2.7 4.1#

164 8.4 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

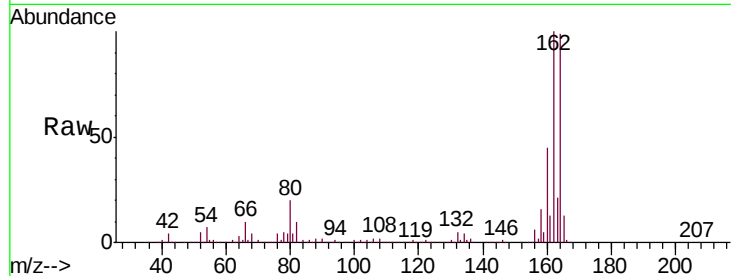




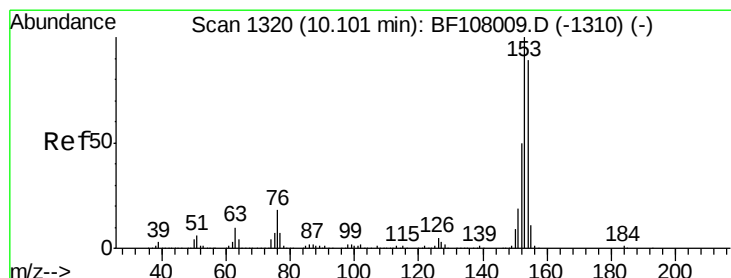
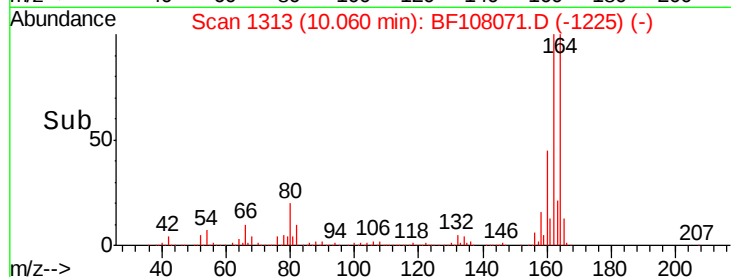
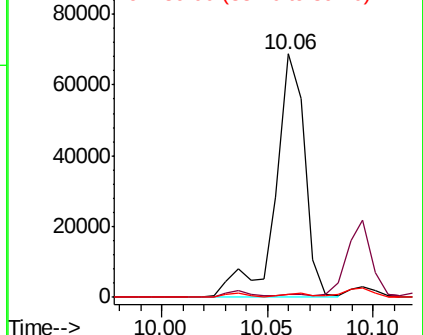
#50
 2,6-Dinitrotoluene
 Concen: 9.867 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

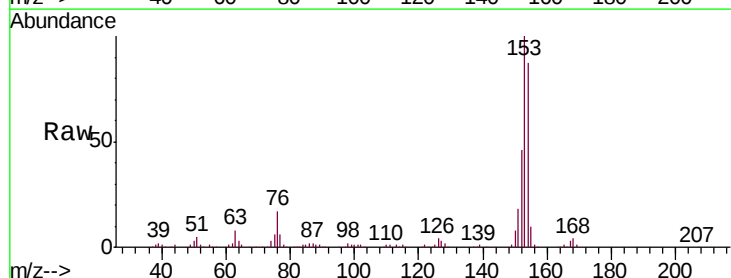


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

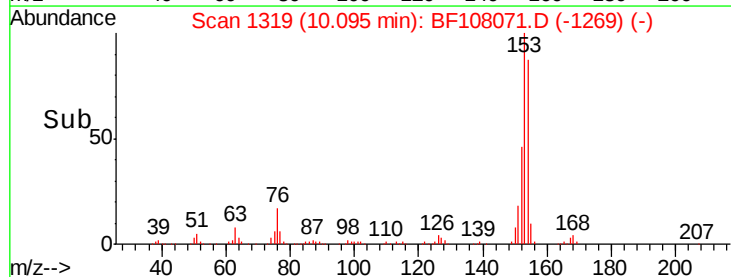
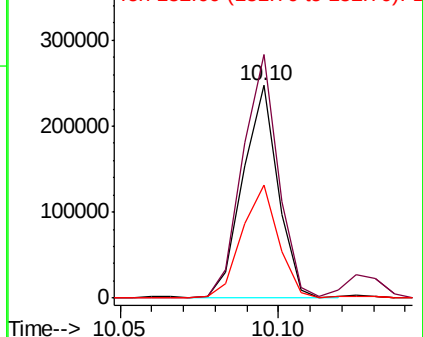


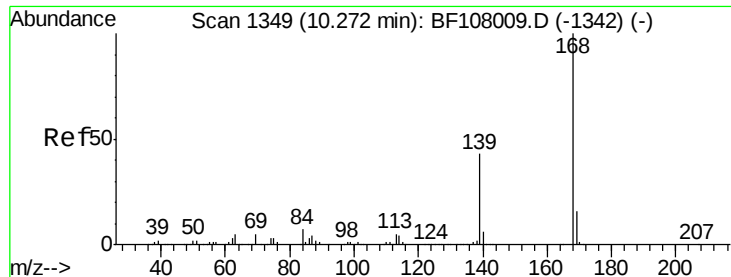
#51
 Acenaphthene
 Concen: 7.271 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	52.9	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

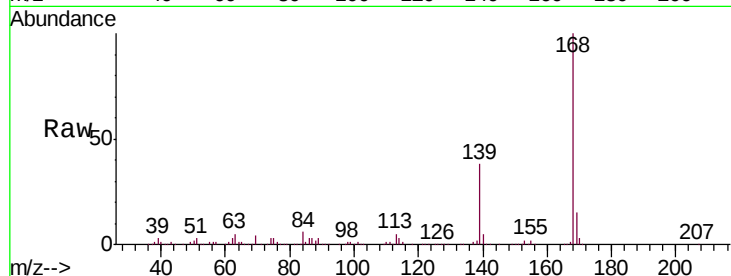




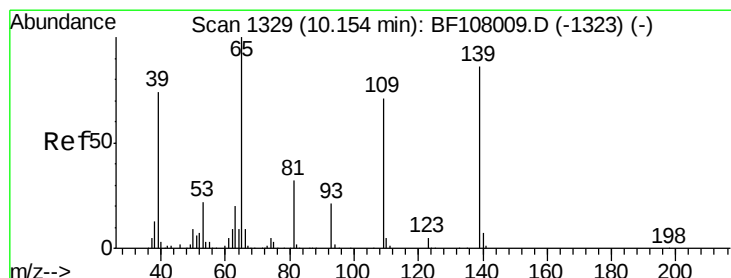
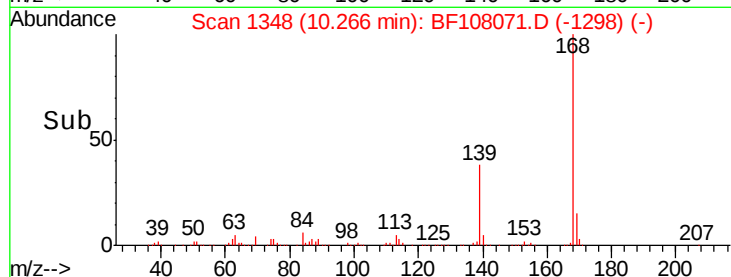
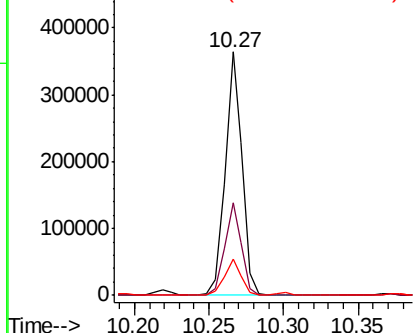
#54
Dibenzofuran
Concen: 7.688 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108071.D
Acq: 10 Aug 2018 00:40

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:168 Resp: 289971
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.7 10.9 16.3

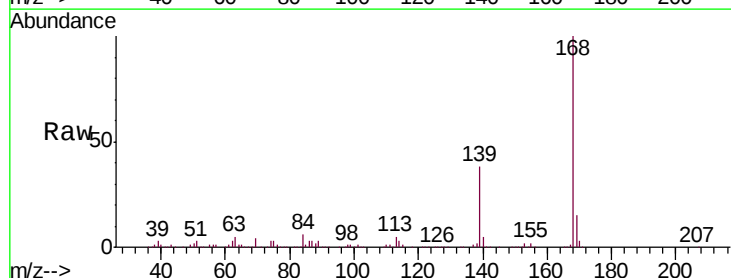


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

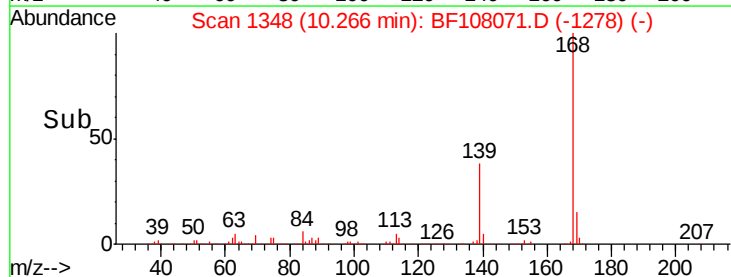
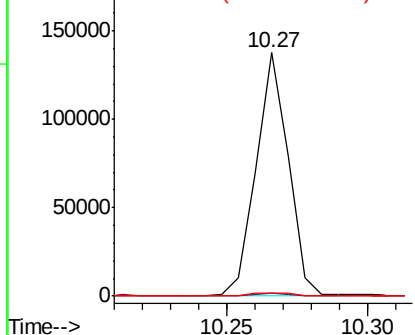


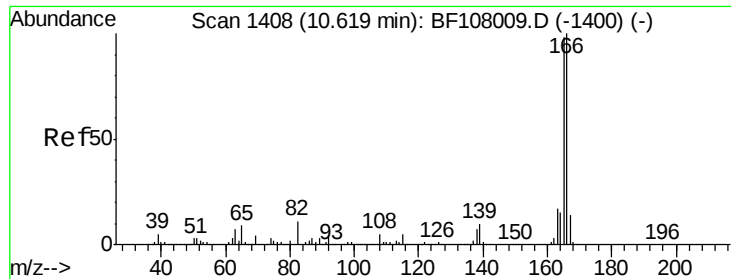
#55
4-Nitrophenol
Concen: 19.592 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.11 min
Lab File: BF108071.D
Acq: 10 Aug 2018 00:40

Tgt Ion:139 Resp: 109152
Ion Ratio Lower Upper
139 100
109 1.2 48.4 88.4#
65 1.5 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

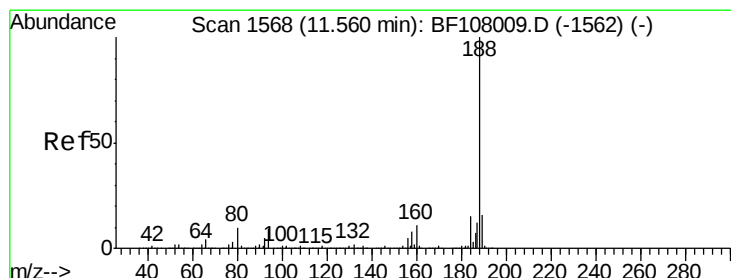
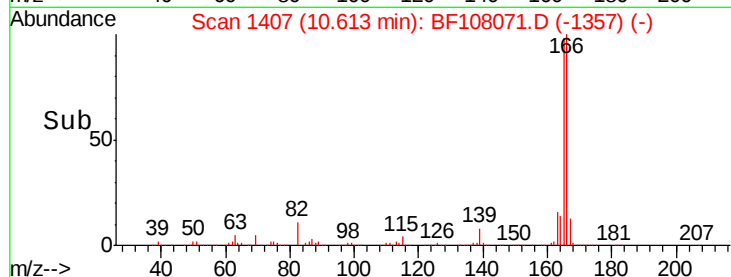
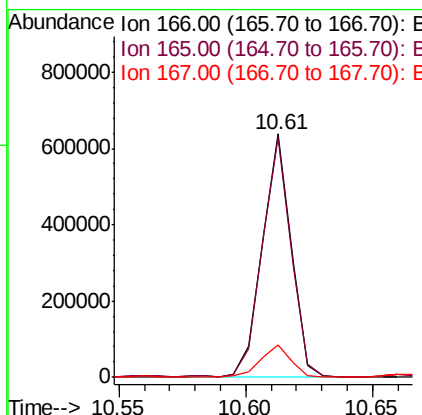
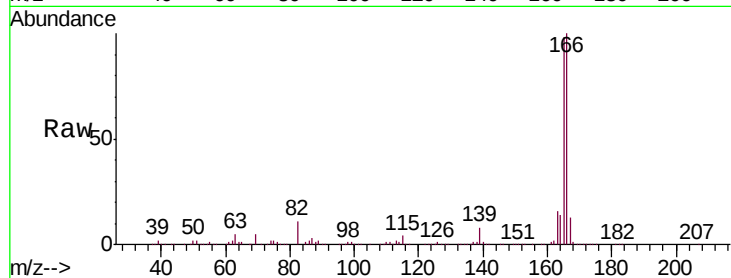




#57
 Fluorene
 Concen: 17.003 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

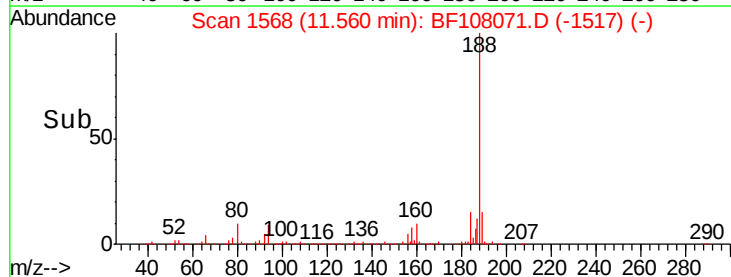
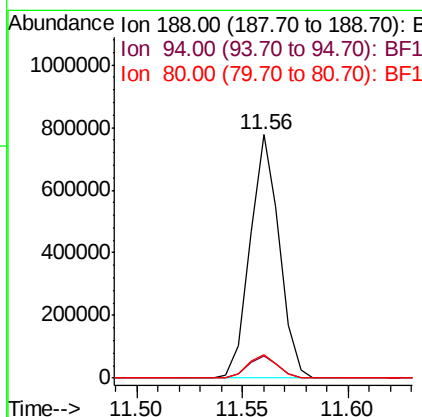
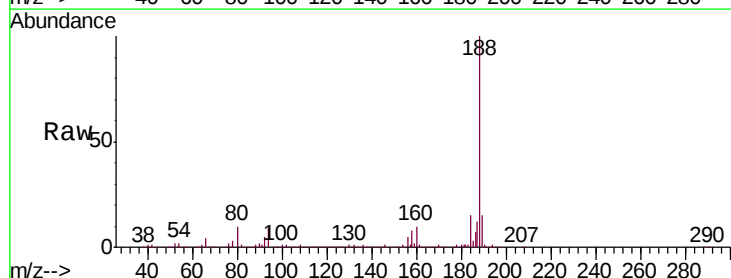
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

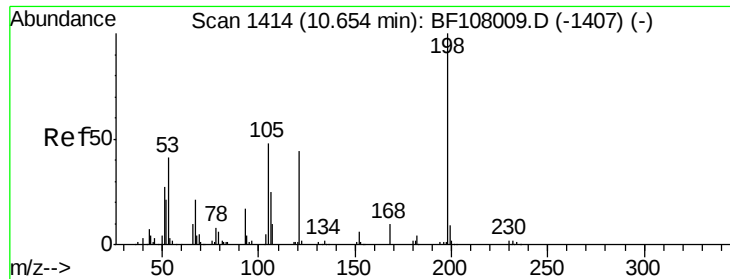
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.3	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.457 ng

RT: 10.85 min Scan# 1447

Delta R.T. 0.20 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

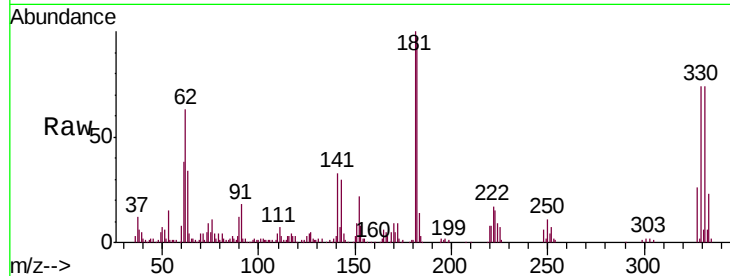
Tgt Ion:198 Resp: 309

Ion Ratio Lower Upper

198 100

51 1628.2 37.7 77.7#

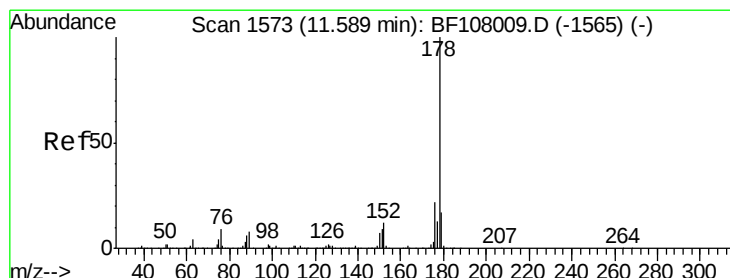
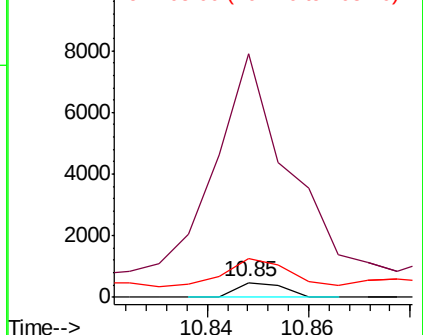
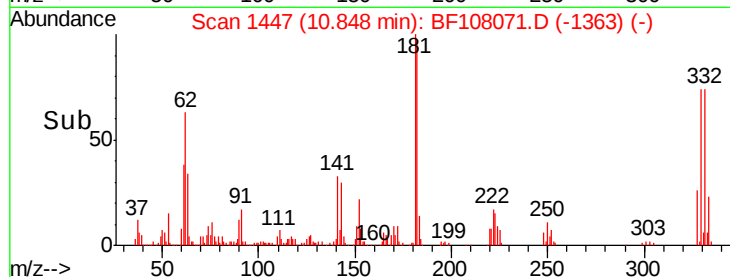
105 259.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 39.024 ng

RT: 11.64 min Scan# 1581

Delta R.T. 0.05 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

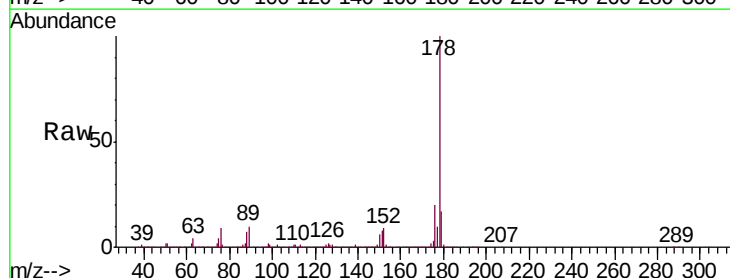
Tgt Ion:178 Resp: 1365653

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

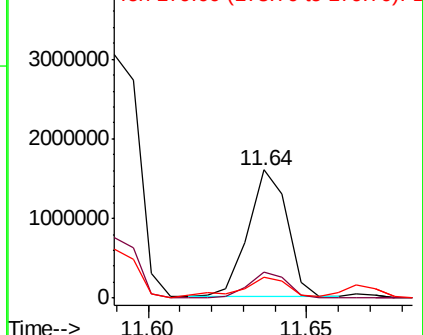
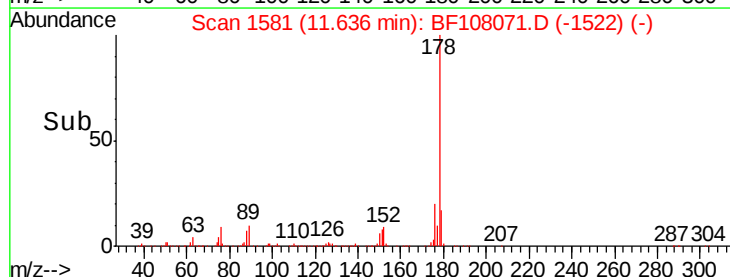
179 16.7 13.0 19.6

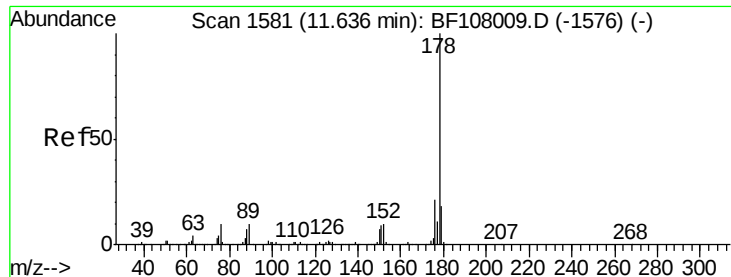


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

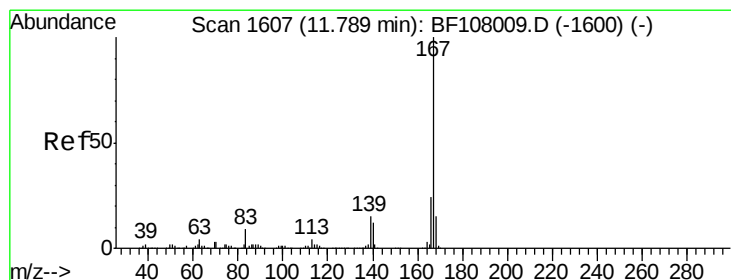
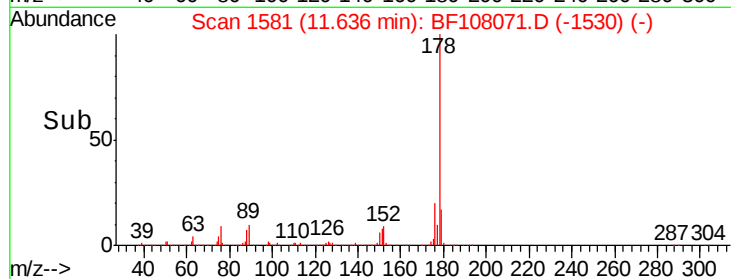
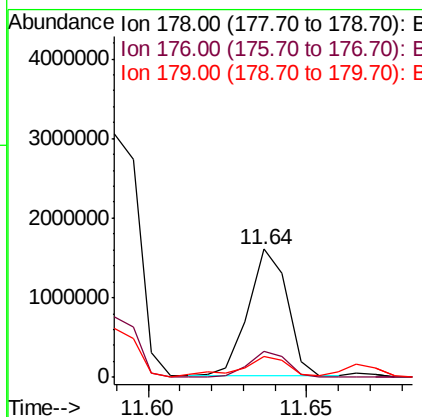
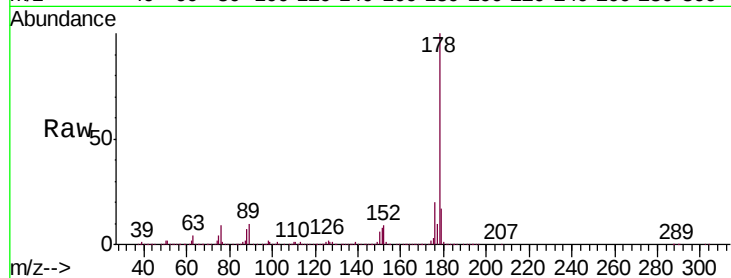




#71
 Anthracene
 Concen: 38.075 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

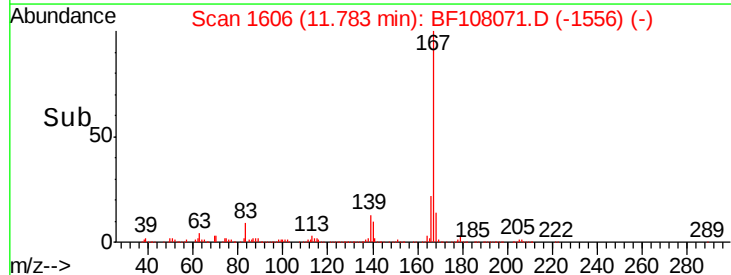
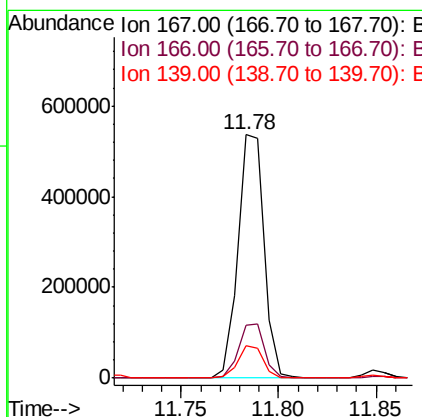
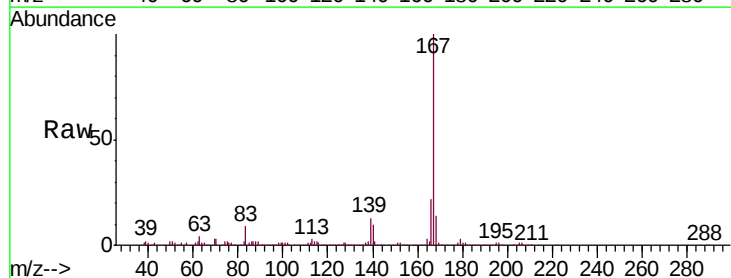
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

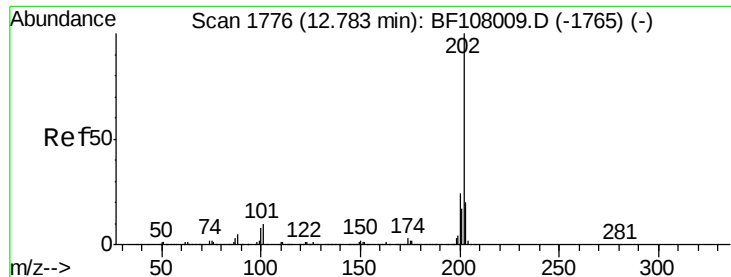
Tgt Ion:178 Resp: 1365653
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 15.592 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Tgt Ion:167 Resp: 496878
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.1 10.9 16.3





#74

Fluoranthene

Concen: 110.691 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

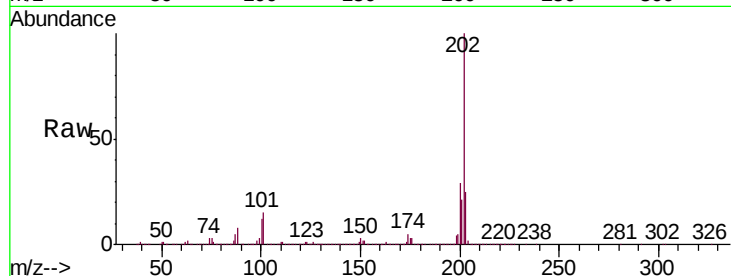
Tgt Ion:202 Resp: 4227628

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.1

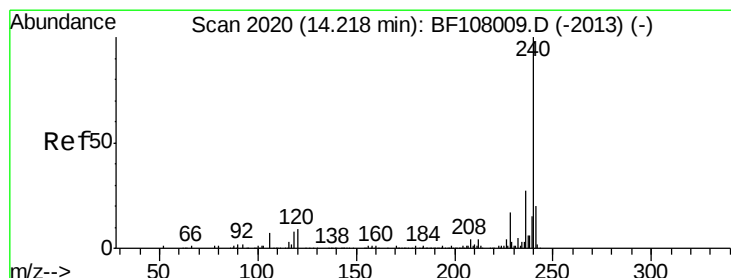
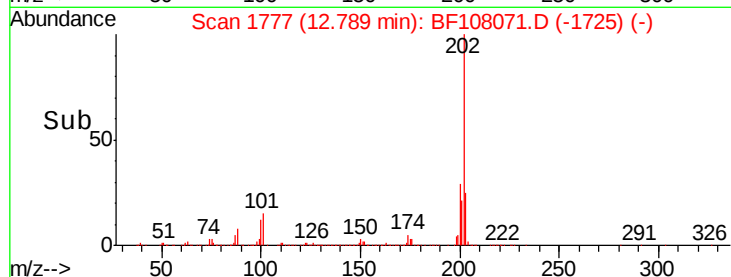
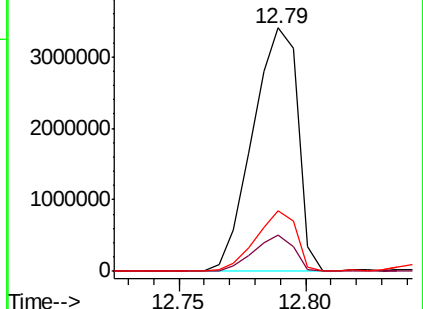
203 24.6 0.0 38.1



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: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

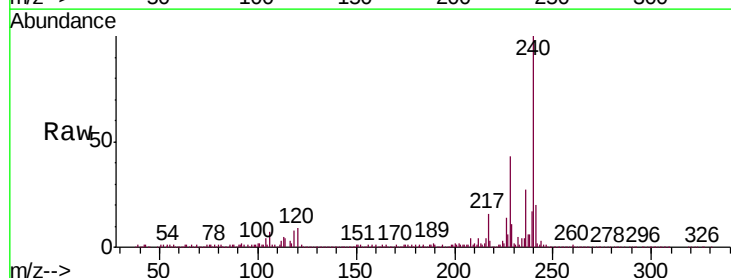
Tgt Ion:240 Resp: 683742

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

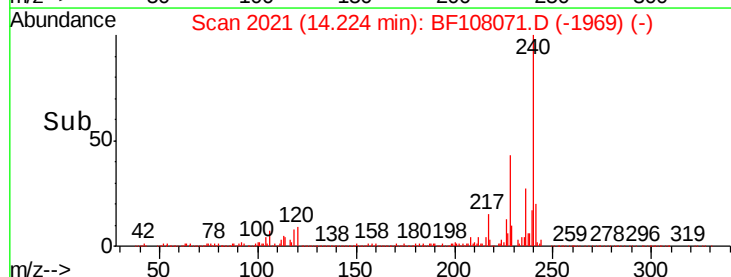
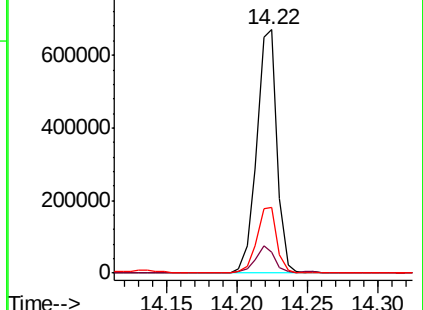
236 27.2 20.7 31.1

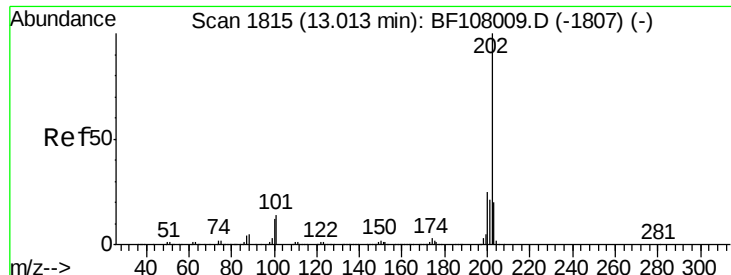


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

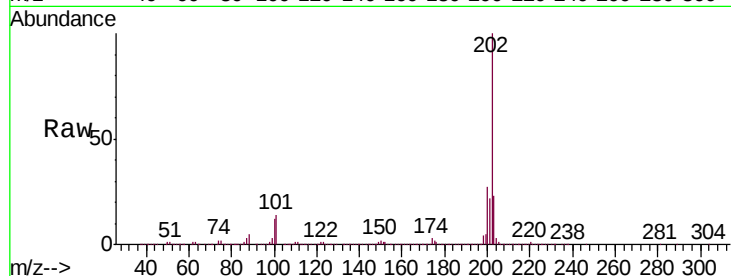




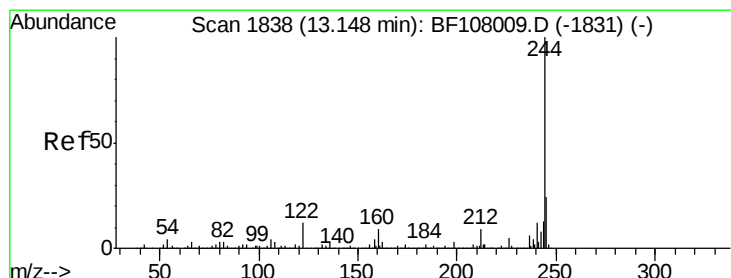
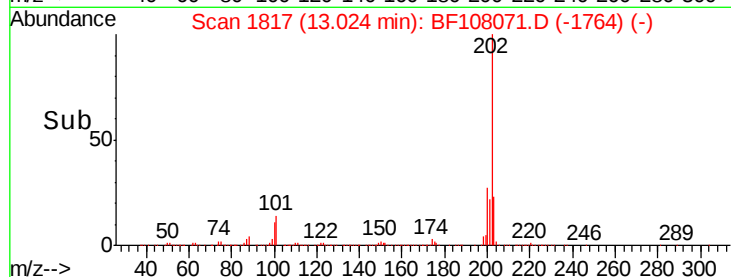
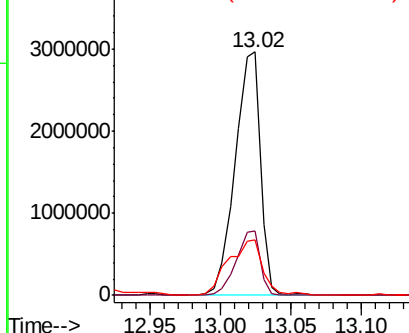
#77
 Pyrene
 Concen: 85.626 ng
 RT: 13.02 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion: 202 Resp: 3706591
 Ion Ratio Lower Upper
 202 100
 200 26.6 17.4 26.2#
 203 23.0 14.3 21.5#

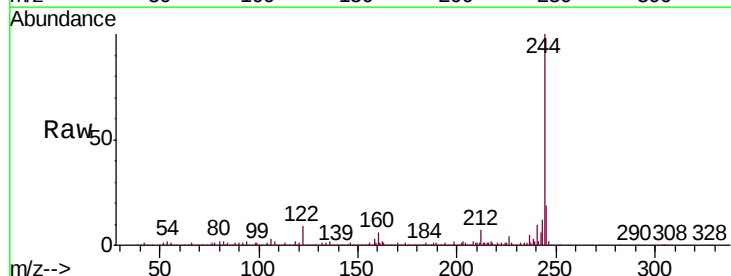


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

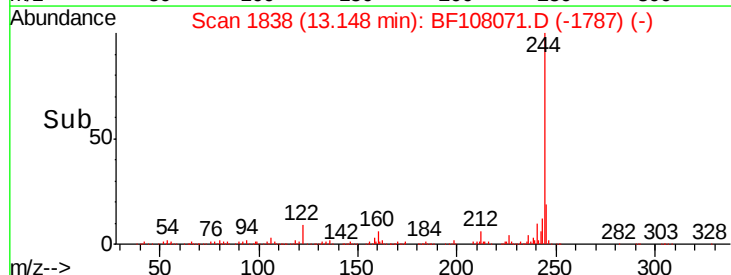
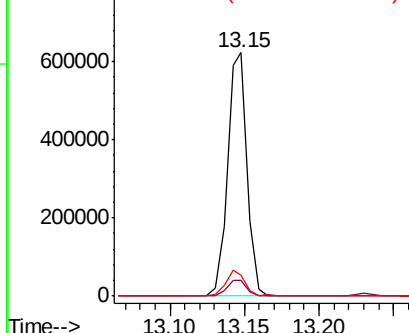


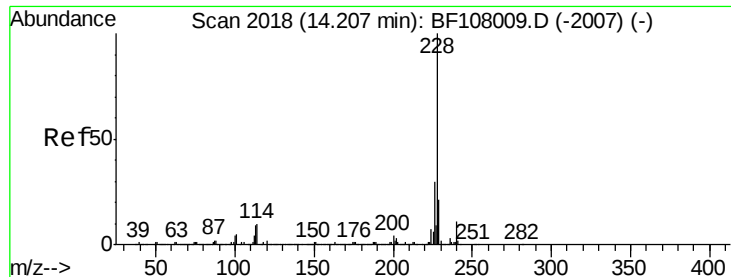
#78
 Terphenyl-d14
 Concen: 21.339 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108071.D
 Acq: 10 Aug 2018 00:40

Tgt Ion: 244 Resp: 573839
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.6 11.0 16.4#



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





#80

Benzo(a)anthracene

Concen: 57.693 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

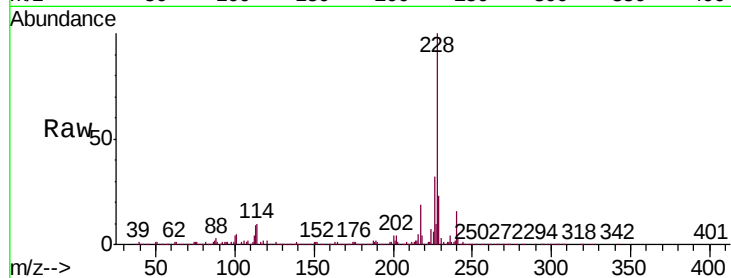
Tgt Ion:228 Resp: 2263865

Ion Ratio Lower Upper

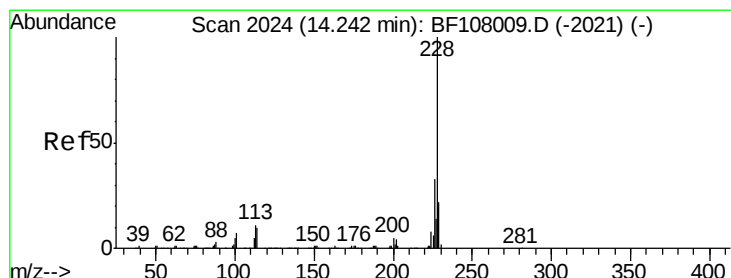
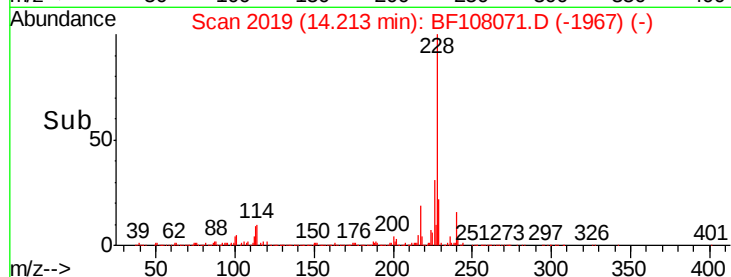
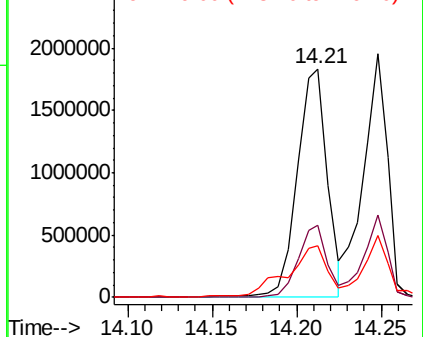
228 100

226 31.6 22.6 33.8

229 22.7 15.8 23.6



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



#82

Chrysene

Concen: 62.929 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

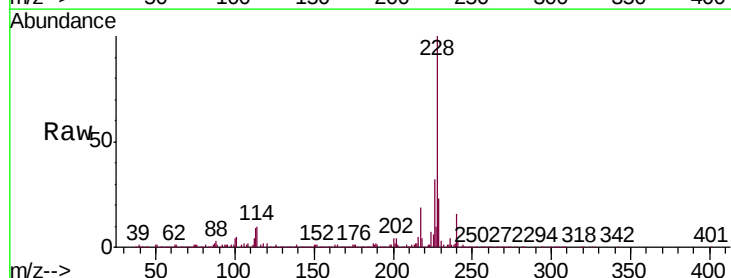
Tgt Ion:228 Resp: 2263865

Ion Ratio Lower Upper

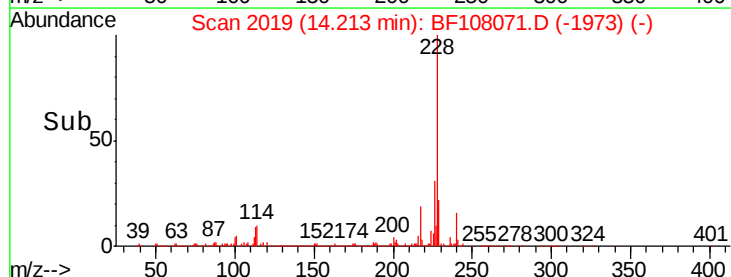
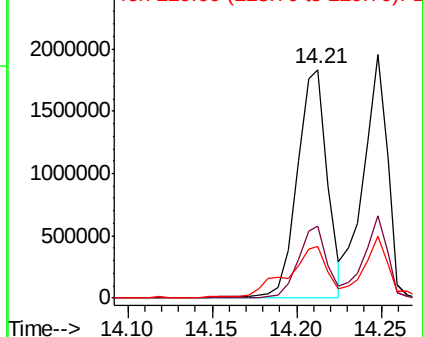
228 100

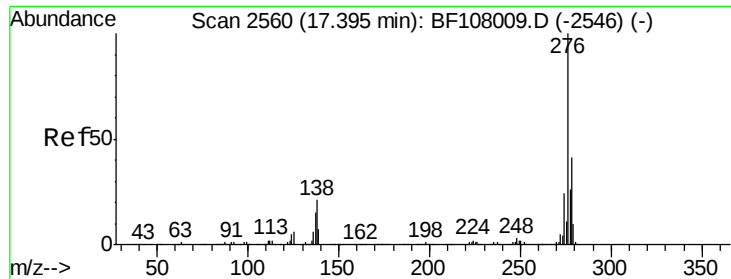
226 31.6 25.0 37.6

229 22.7 16.2 24.4



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 13.873 ng

RT: 17.39 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampled :

DFTPP

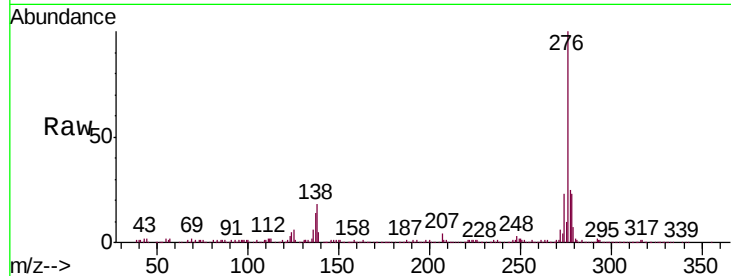
Tgt Ion:276 Resp: 432434

Ion Ratio Lower Upper

276 100

138 20.3 25.0 37.6#

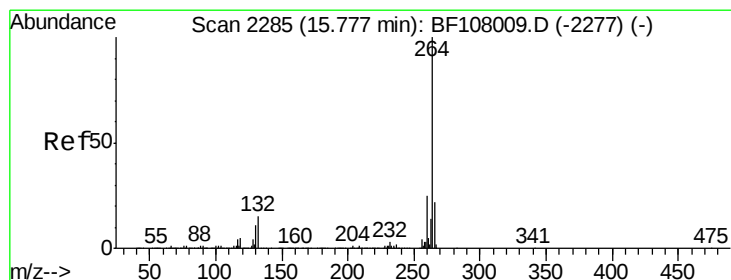
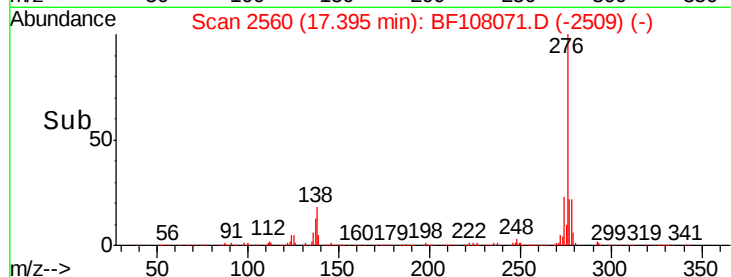
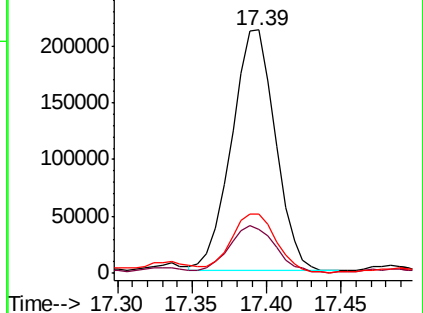
277 25.3 20.1 30.1



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: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

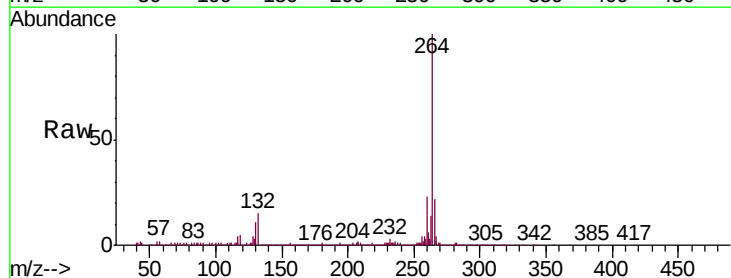
Tgt Ion:264 Resp: 543750

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

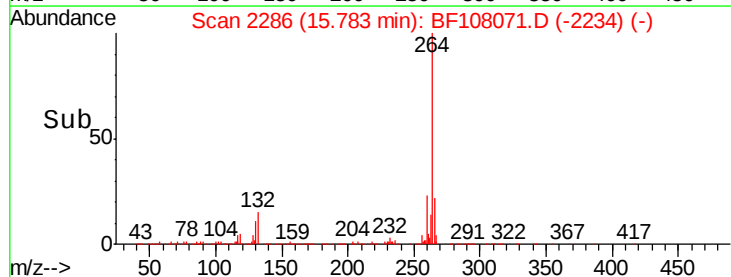
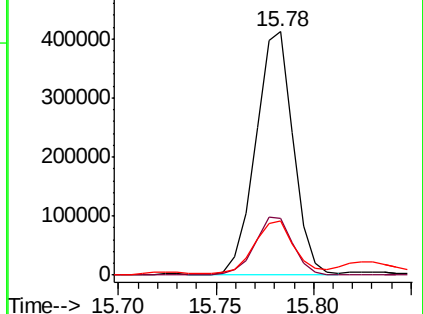
265 22.1 17.5 26.3

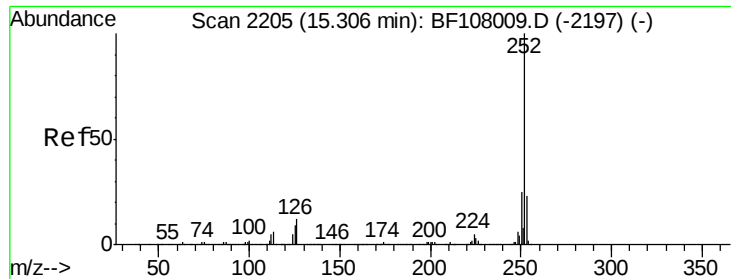


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 71.579 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

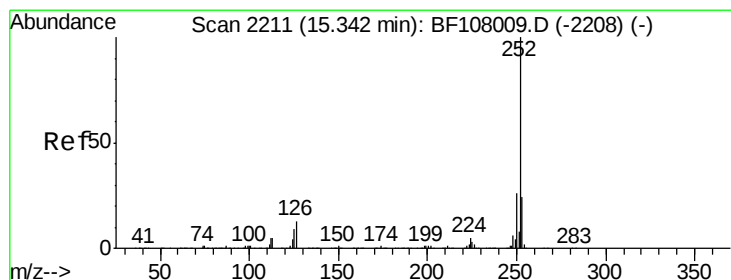
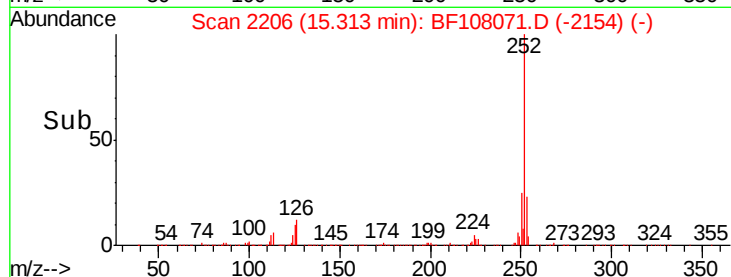
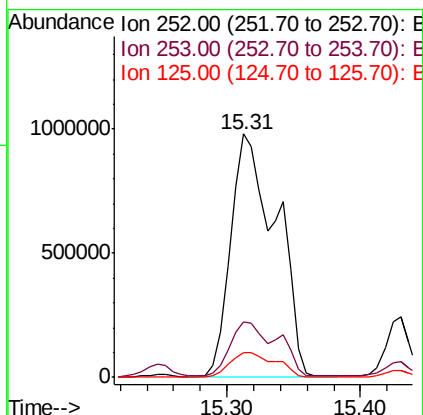
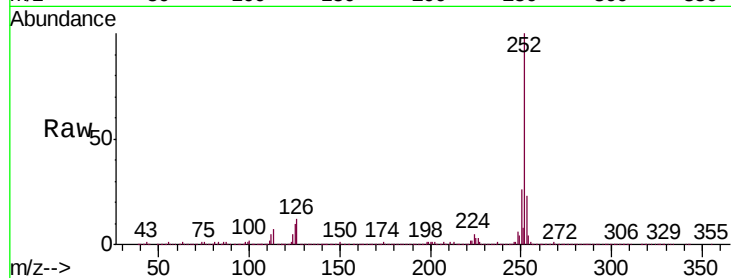
Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :
BNA_M
ClientSampled :
DFTPP

Tgt Ion:252 Resp: 2325695

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.1	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 9.773 ng

RT: 15.43 min Scan# 2226

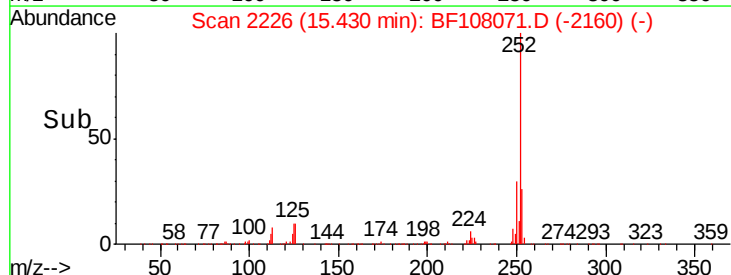
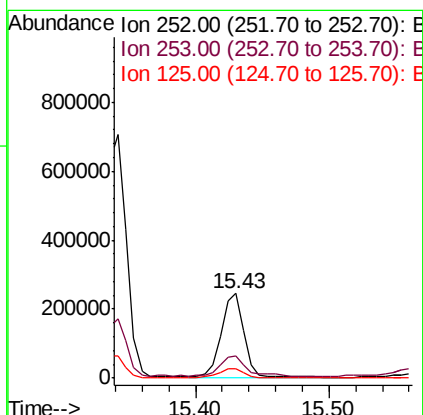
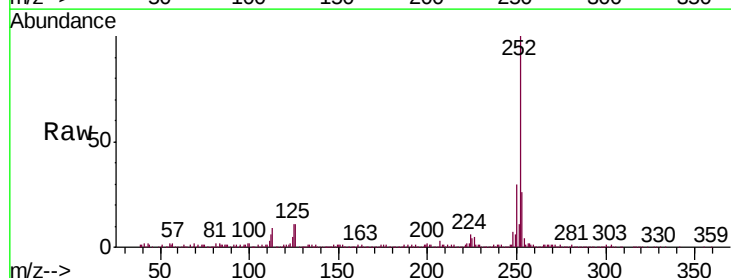
Delta R.T. 0.09 min

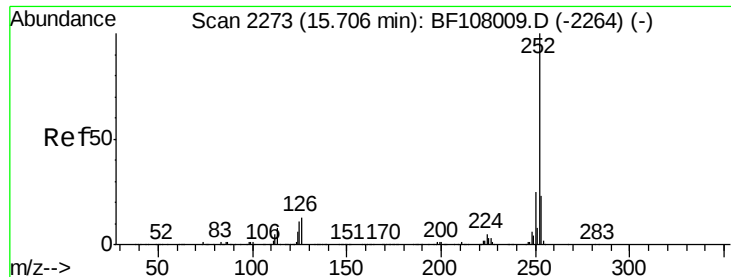
Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Tgt Ion:252 Resp: 291890

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	10.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 37.457 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampled :

DFTPP

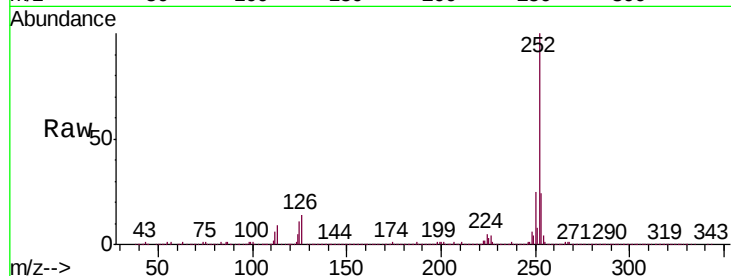
Tgt Ion:252 Resp: 1089810

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

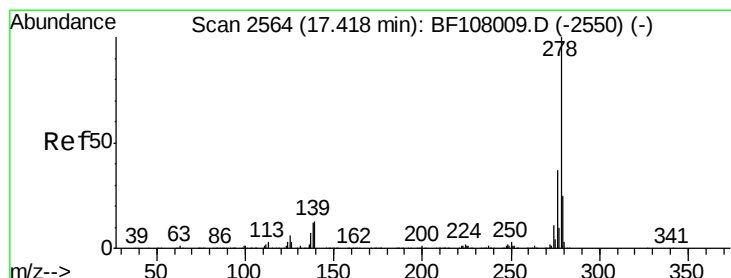
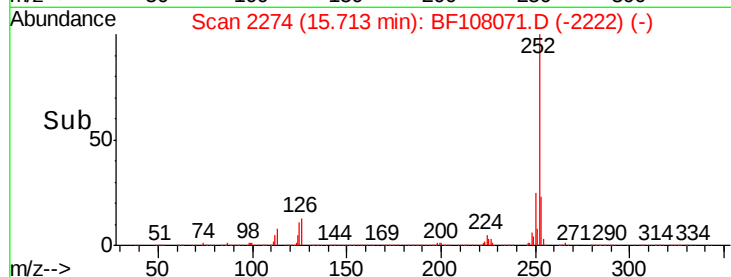
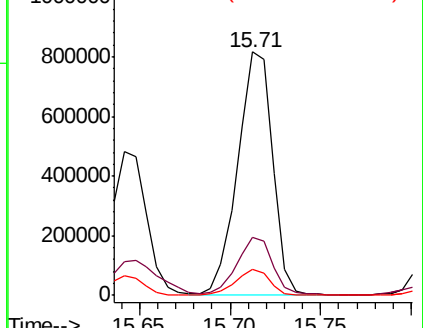
125 10.9 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 5.319 ng

RT: 17.41 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

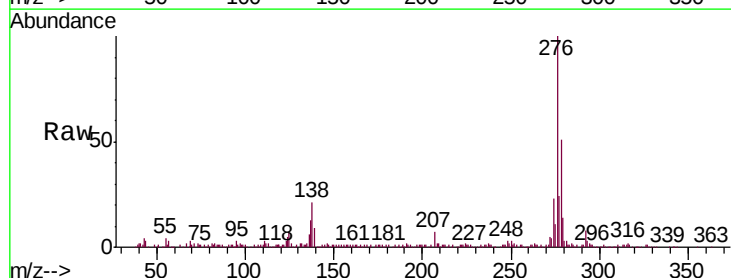
Tgt Ion:278 Resp: 128038

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

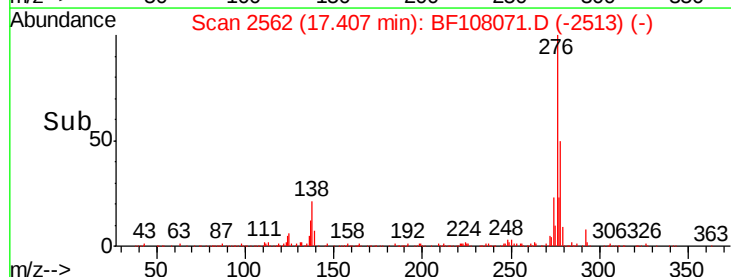
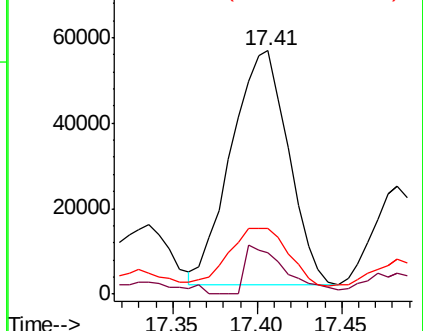
279 26.9 19.0 28.4

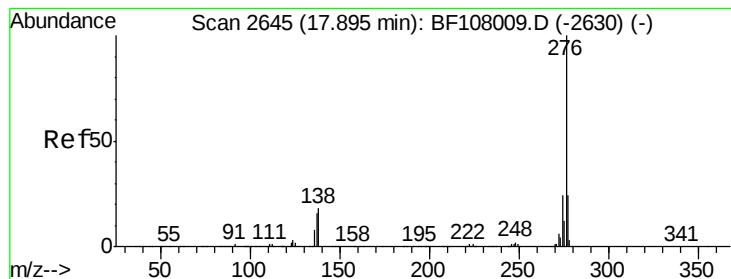


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 14.829 ng

RT: 17.89 min Scan# 2644

Delta R.T. -0.01 min

Lab File: BF108071.D

Acq: 10 Aug 2018 00:40

Instrument :

BNA_M

ClientSampleId :

DFTPP

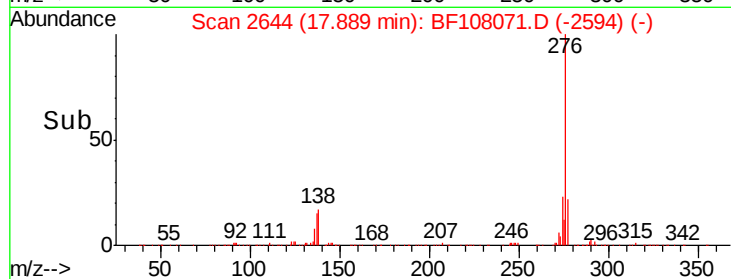
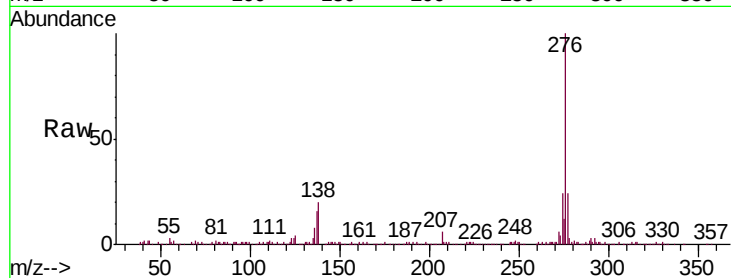
Tgt Ion: 276 Resp: 351526

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 19.7 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

