

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108817.D
 Acq On : 6 Sep 2018 11:11
 Operator : JU/SJ
 Sample : J4791-03 DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 13:17:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

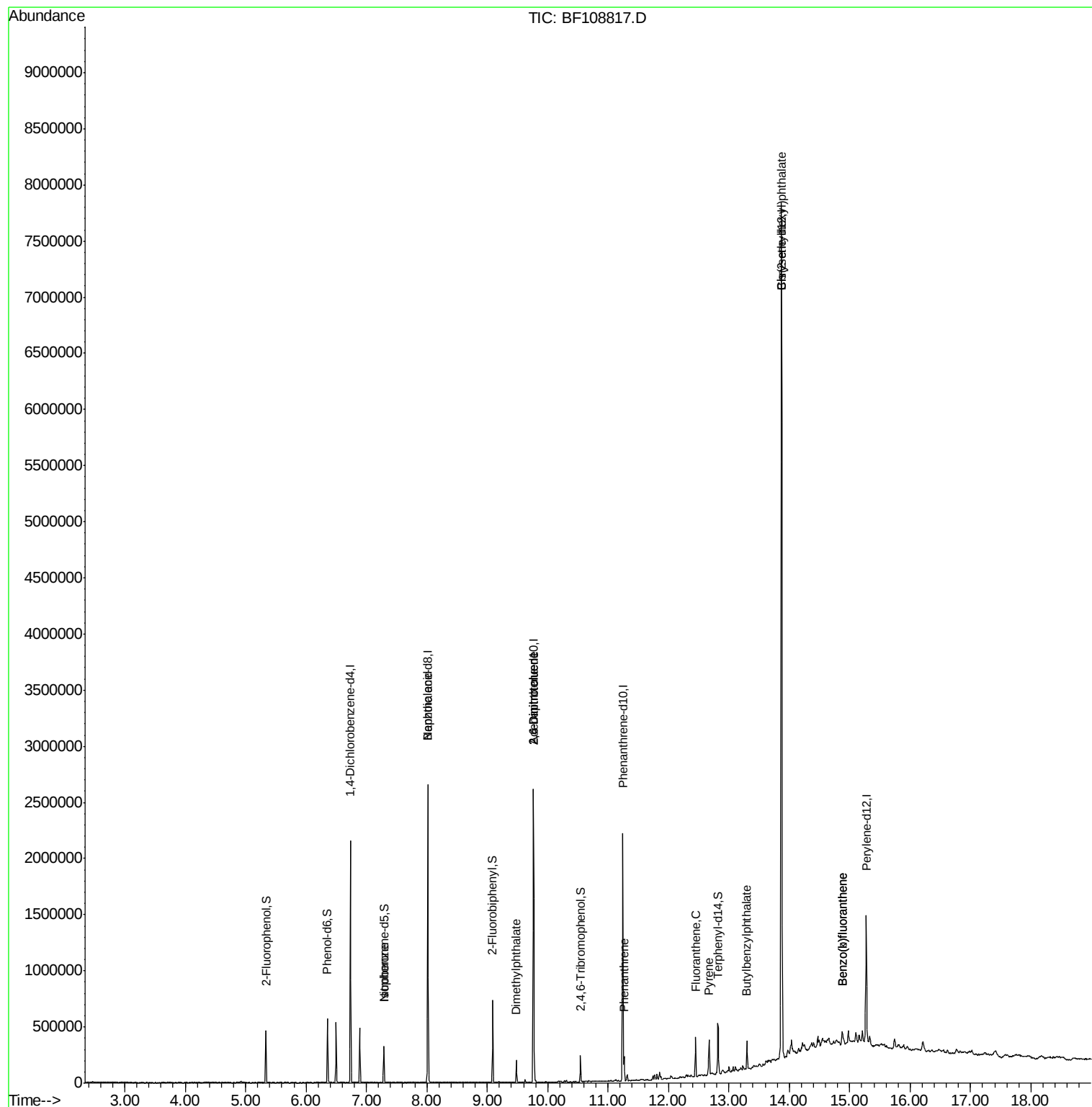
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	287993	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1083504	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	461067	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	714956	20.00	ng	0.00
75) Chrysene-d12	13.87	240	542850	20.00	ng	0.00
86) Perylene-d12	15.28	264	526776	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131174	7.55	ng	0.00
7) Phenol-d6	6.35	99	173092	7.74	ng	-0.01
23) Nitrobenzene-d5	7.29	82	92540	5.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	25460	5.78	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	195367	7.23	ng	0.00
78) Terphenyl-d14	12.82	244	145433	6.25	ng	0.00
Target Compounds						
25) Isophorone	7.29	82	91776	2.657	ng	# 64
32) Benzoic acid	8.02	122	163	4.035	ng	# 1
49) Dimethylphthalate	9.48	163	67621	2.097	ng	99
50) 2,6-Dinitrotoluene	9.77	165	58414	9.506	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	58414	7.433	ng	# 23
70) Phenanthrene	11.27	178	68566	2.008	ng	96
74) Fluoranthene	12.45	202	123468	3.652	ng	97
77) Pyrene	12.67	202	121751	2.915	ng	97
79) Butylbenzylphthalate	13.30	149	50197	2.669	ng	95
83) Bis(2-ethylhexyl)phthalate	13.87	149	1863034	78.810	ng	98
87) Benzo(b)fluoranthene	14.88	252	83163	2.903	ng	# 93
88) Benzo(k)fluoranthene	14.88	252	83163	3.153	ng	# 96

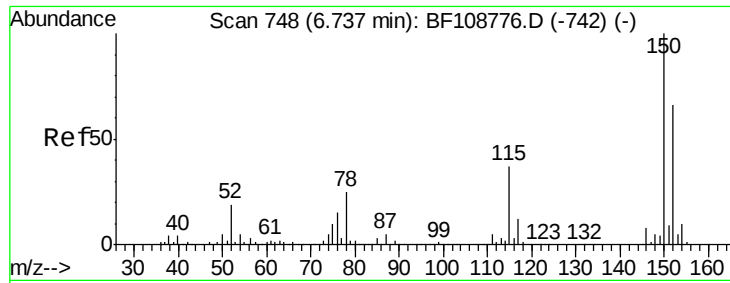
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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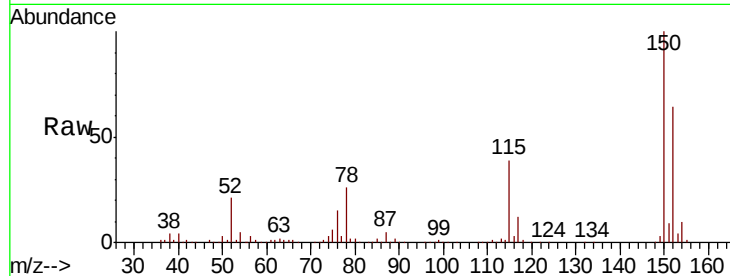


#1

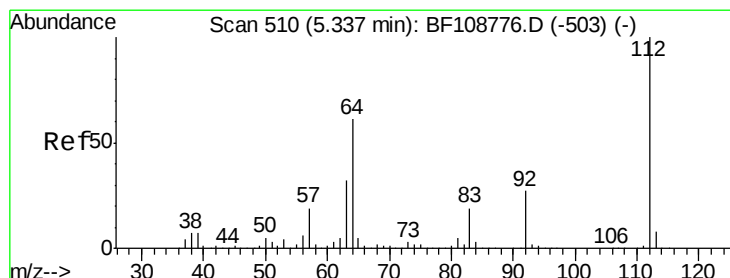
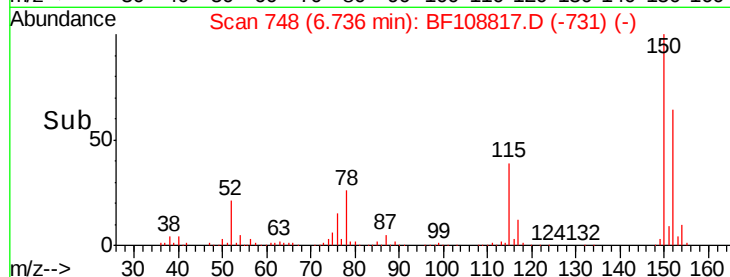
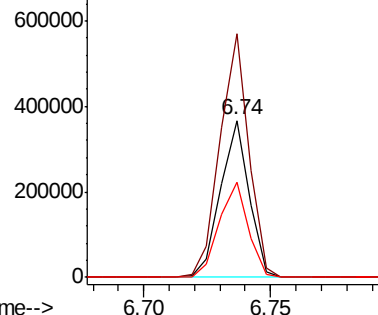
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.3	50.1	75.1



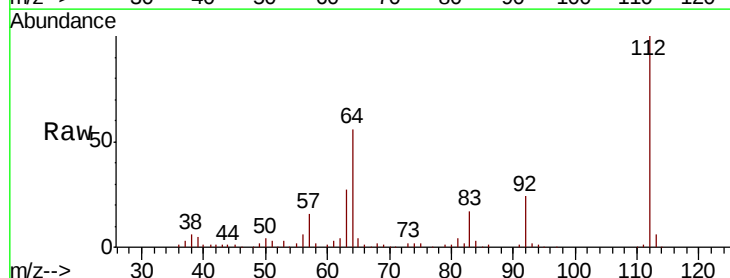
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



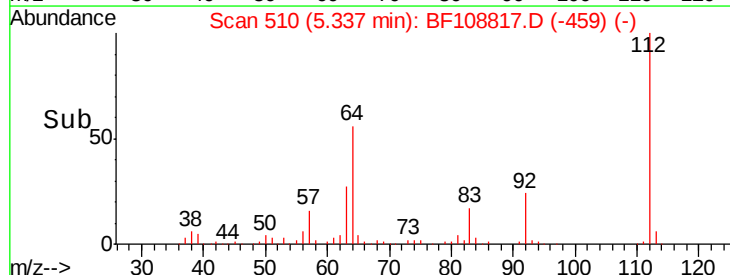
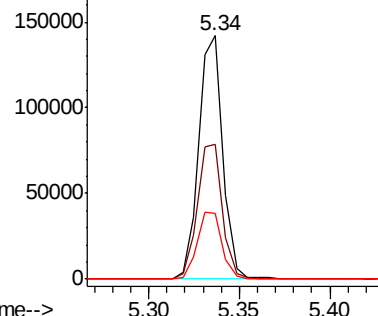
#5

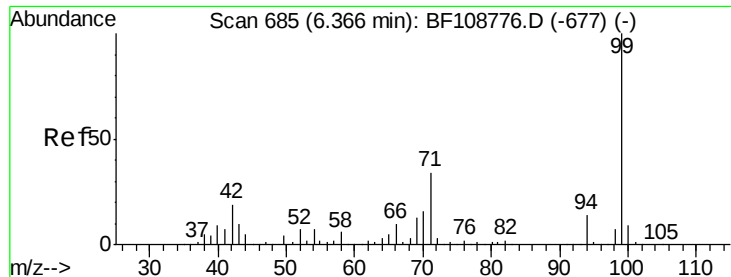
2-Fluorophenol
Concen: 7.546 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.2	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: 7.739 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

Instrument :

BNA_F

ClientSampled :

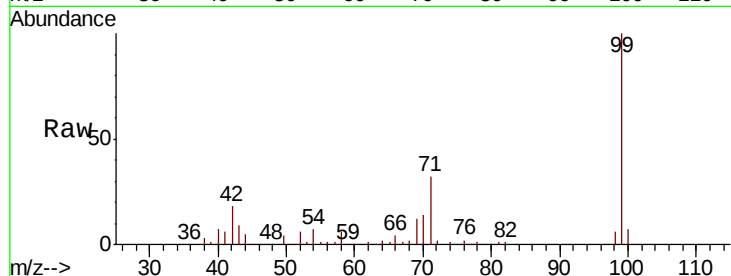
Tot Ion: 99 Resp: 173092

Ion Ratio Lower Upper

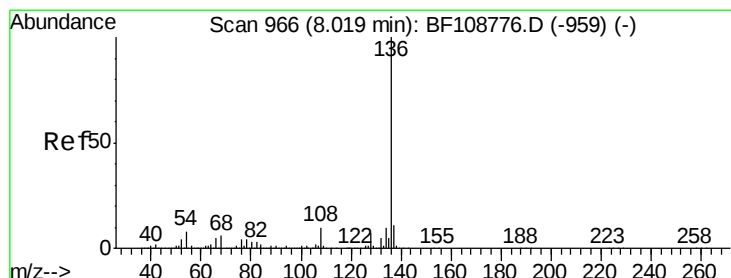
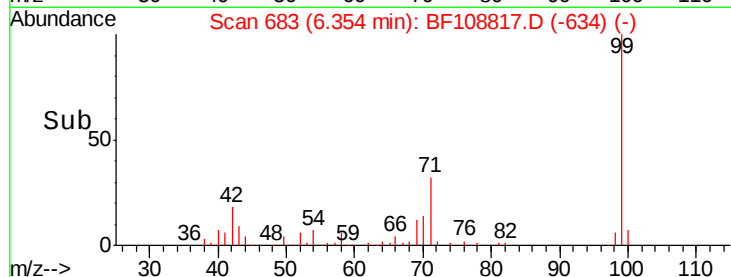
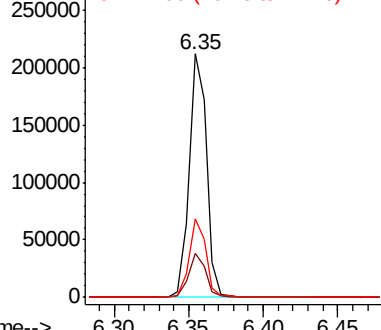
99 100

42 17.9 14.5 21.7

71 32.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

Tgt Ion: 136 Resp: 1083504

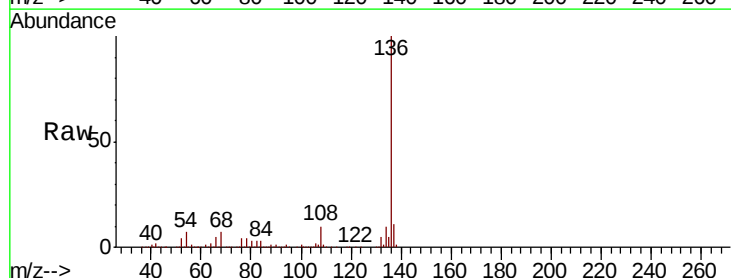
Ion Ratio Lower Upper

136 100

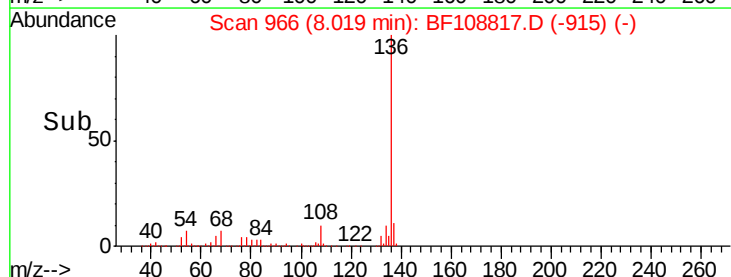
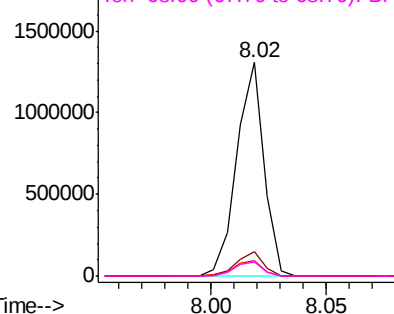
137 11.3 8.9 13.3

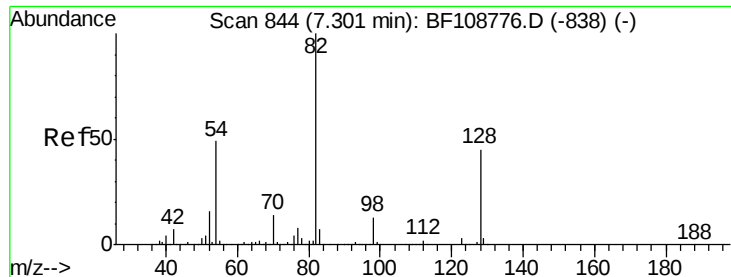
54 7.5 6.6 9.8

68 6.7 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

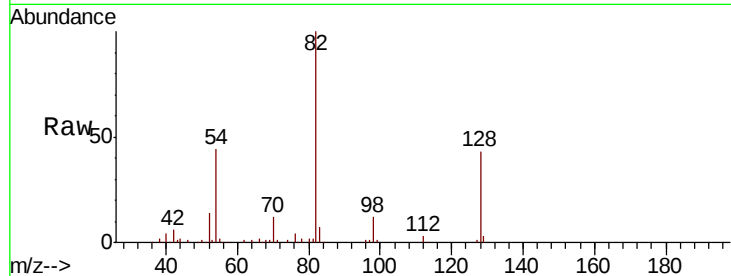




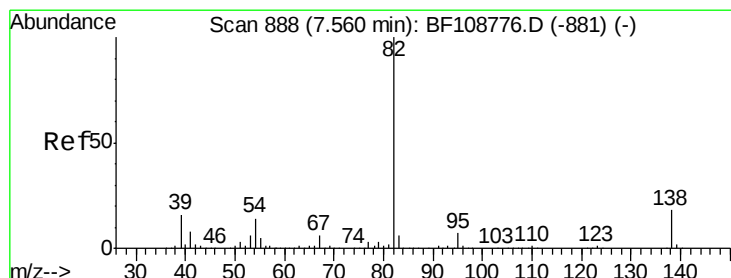
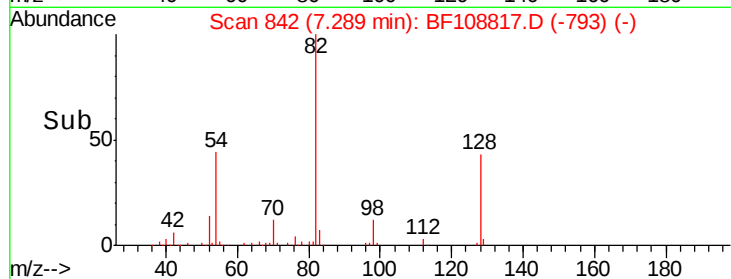
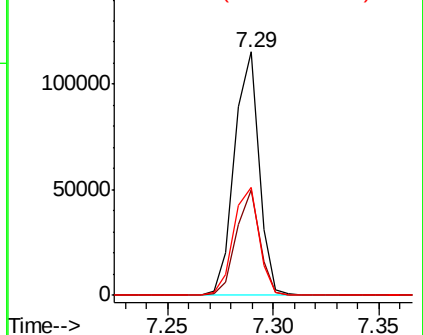
#23
Nitrobenzene-d5
Concen: 5.345 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	92540
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	44.3	41.4	62.2

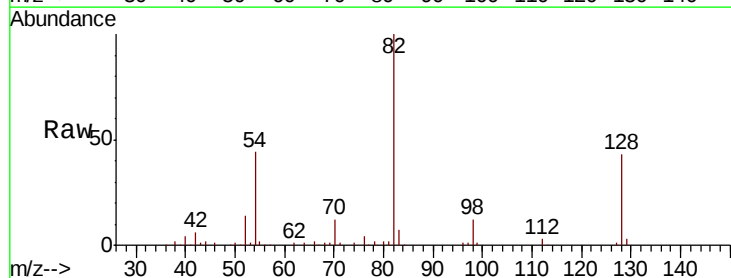


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

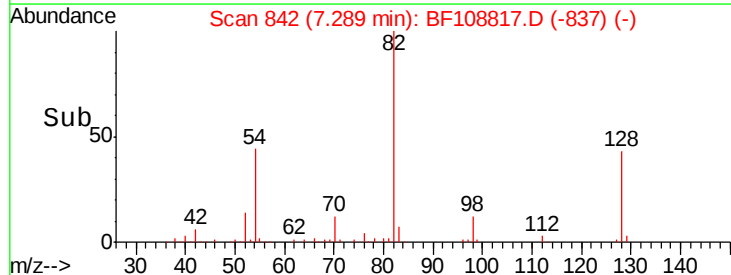
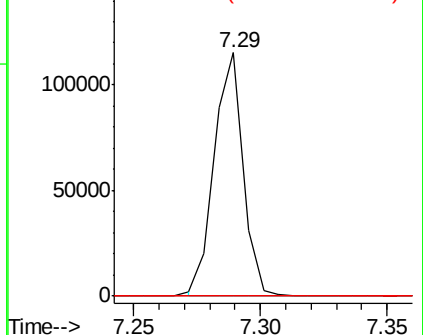


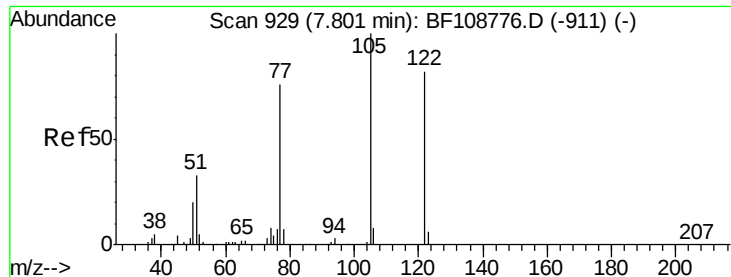
#25
Isophorone
Concen: 2.657 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion	82	Resp	91776
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

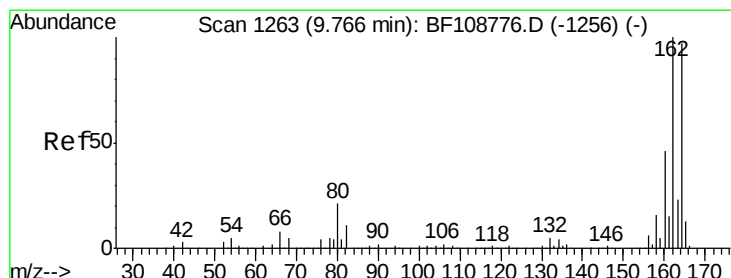
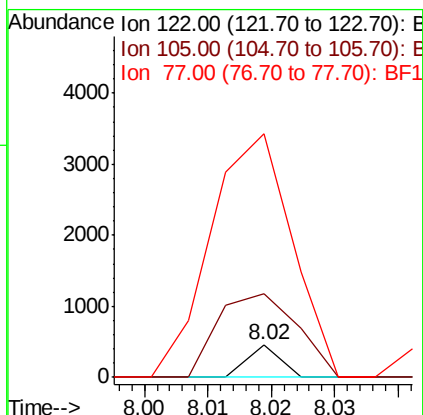
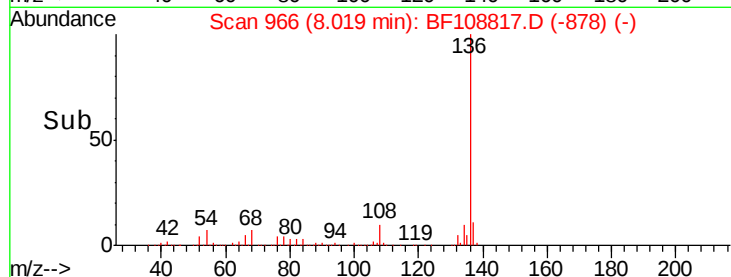
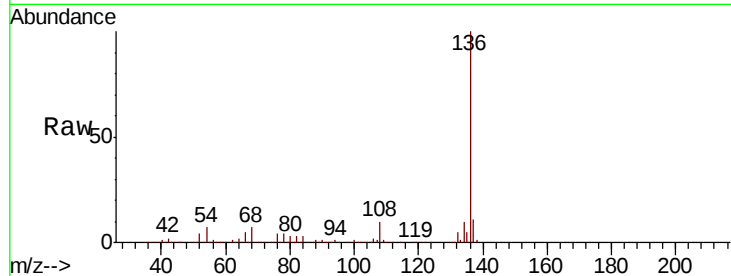




#32
Benzoic acid
Concen: 4.035 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

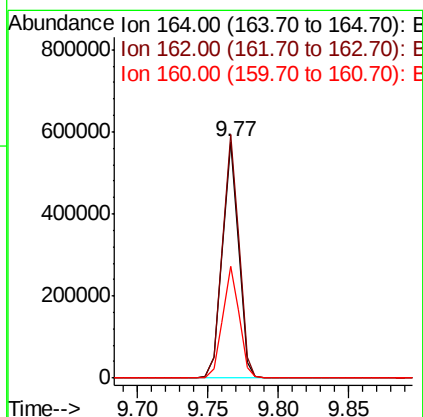
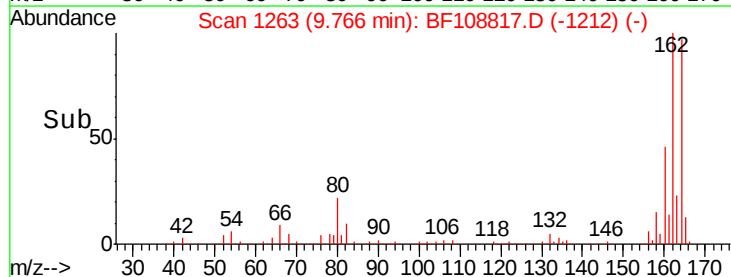
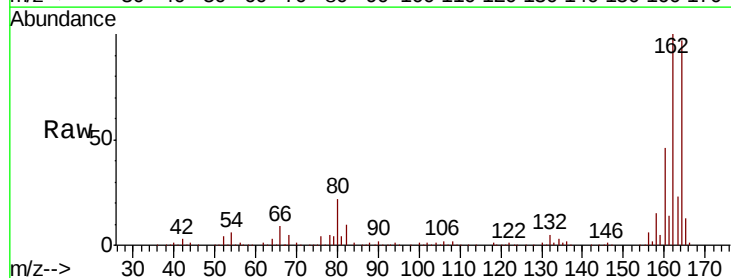
Instrument :
BNA_F
ClientSampleId :

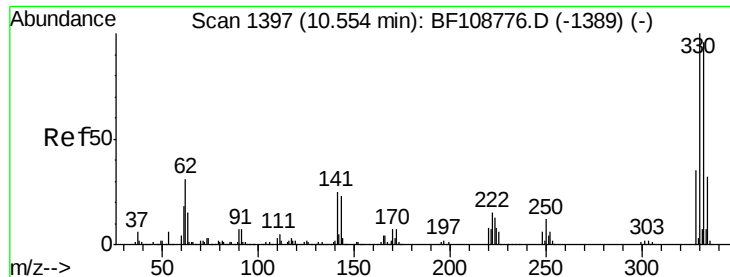
Tot Ion:122 Resp: 163
Ion Ratio Lower Upper
122 100
105 253.3 101.1 141.1#
77 740.4 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion:164 Resp: 461067
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.2 38.3 57.5

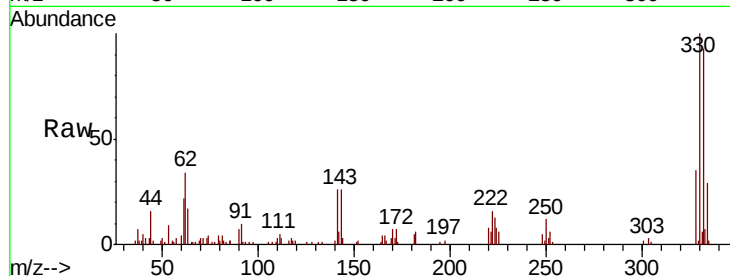




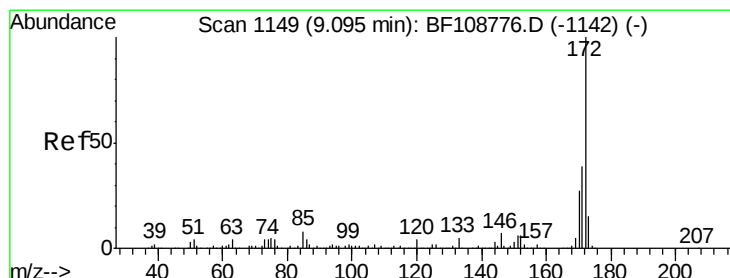
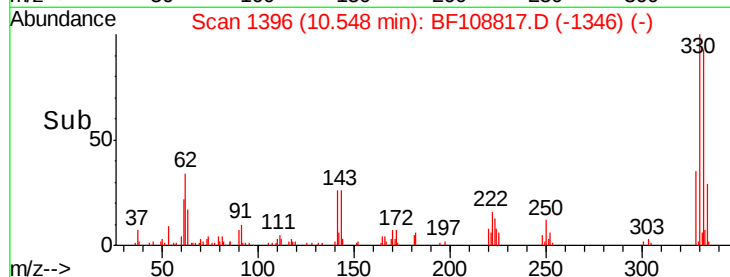
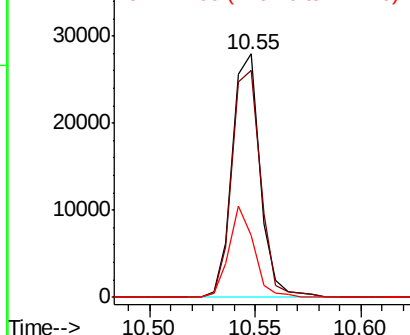
#41
 2,4,6-Tribromophenol
 Concen: 5.784 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.4	29.9	44.9

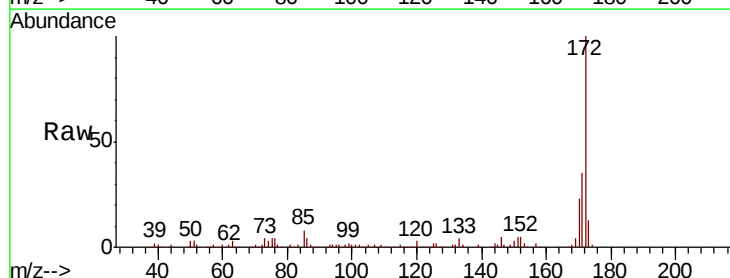


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

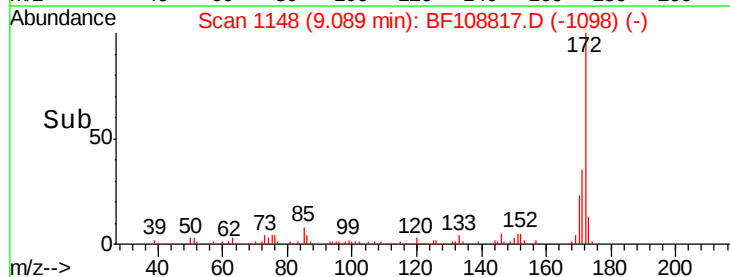
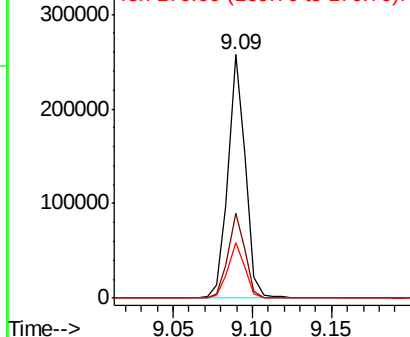


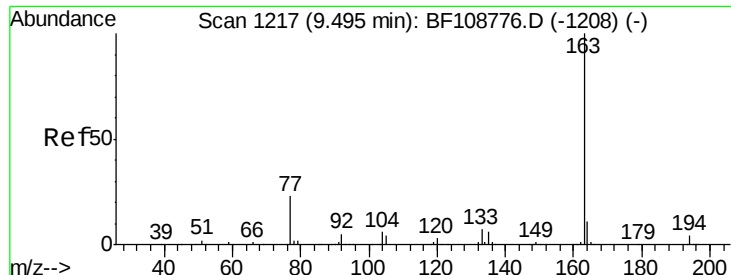
#44
 2-Fluorobiphenyl
 Concen: 7.229 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.9	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

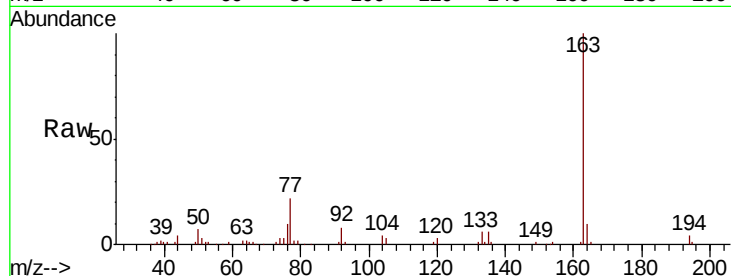




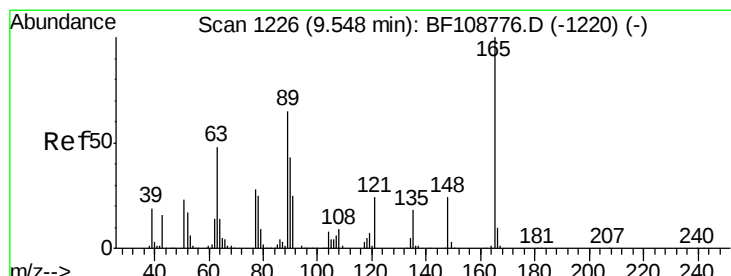
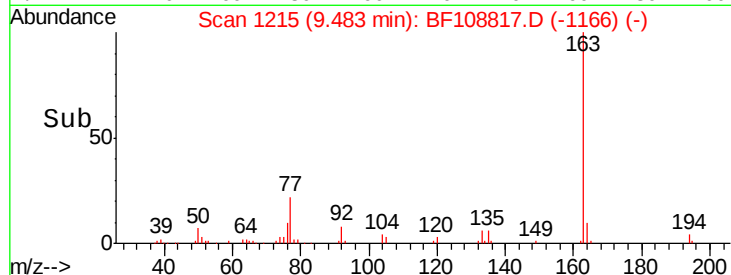
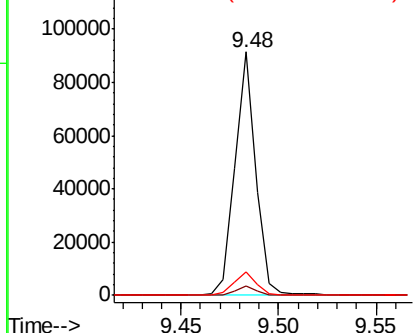
#49
Dimethylphthalate
Concen: 2.097 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 67621
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

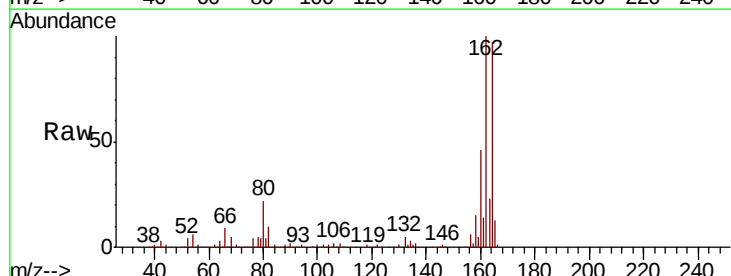


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

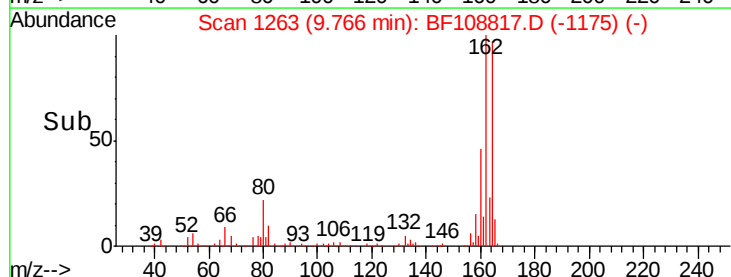
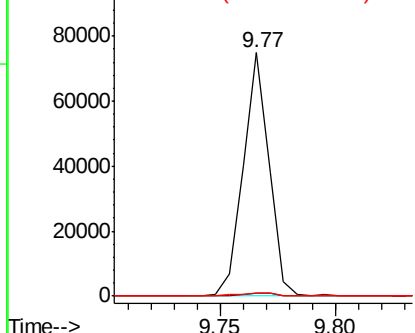


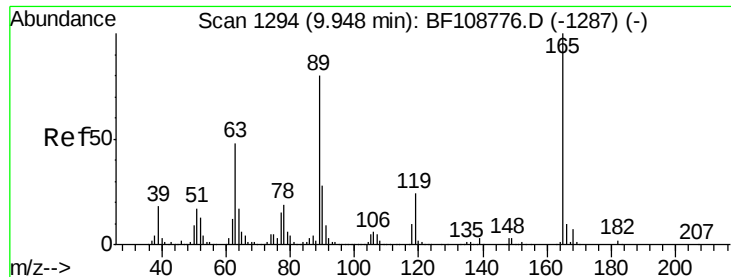
#50
2,6-Dinitrotoluene
Concen: 9.506 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion:165 Resp: 58414
Ion Ratio Lower Upper
165 100
63 1.1 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

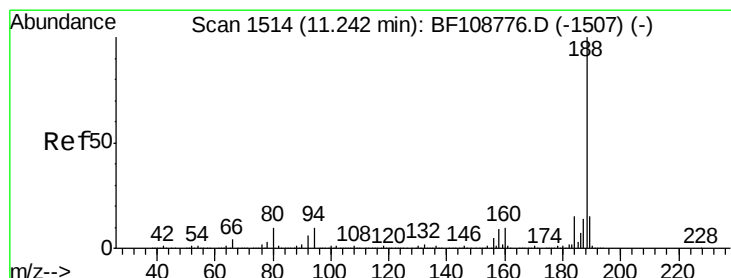
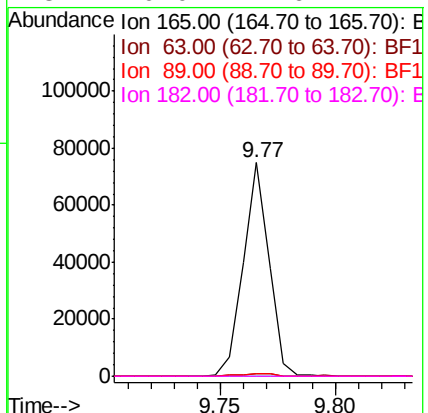
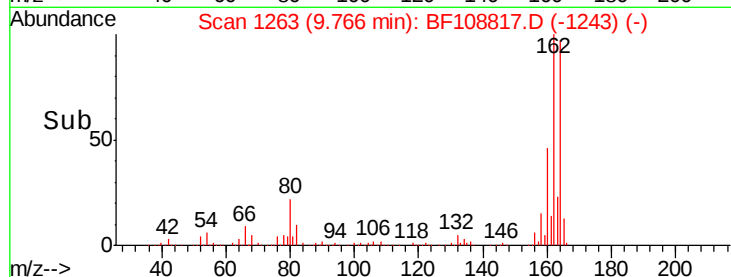
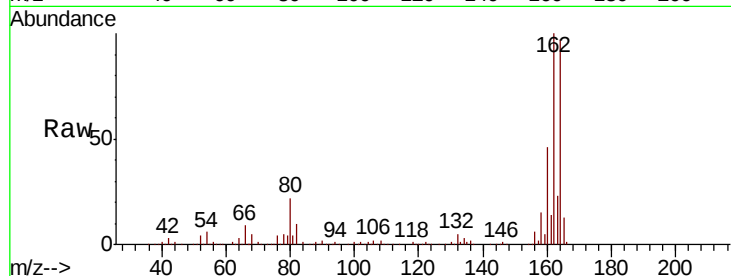




#56
 2,4-Dinitrotoluene
 Concen: 7.433 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

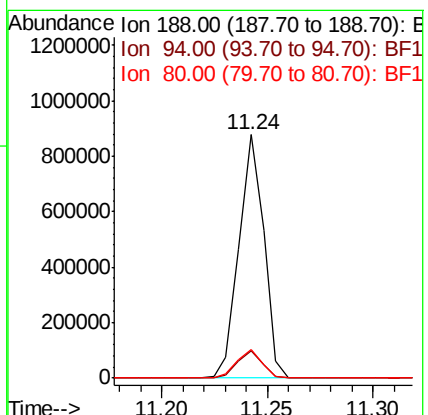
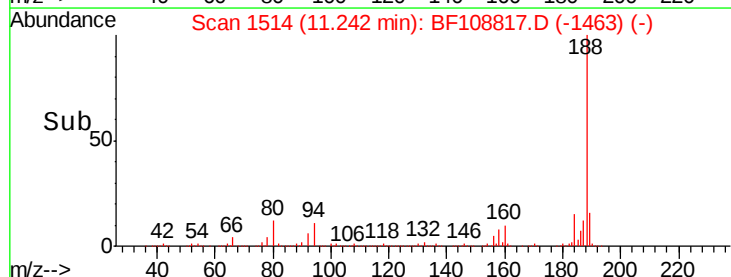
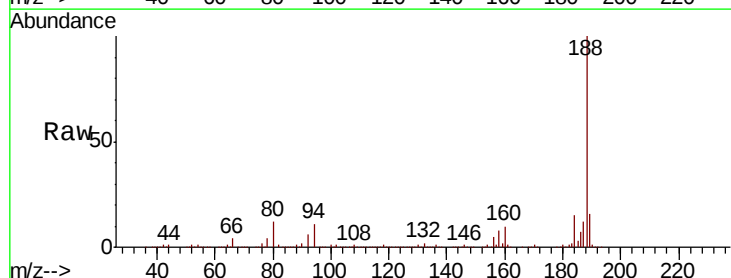
Instrument :
 BNA_F
 ClientSampled :

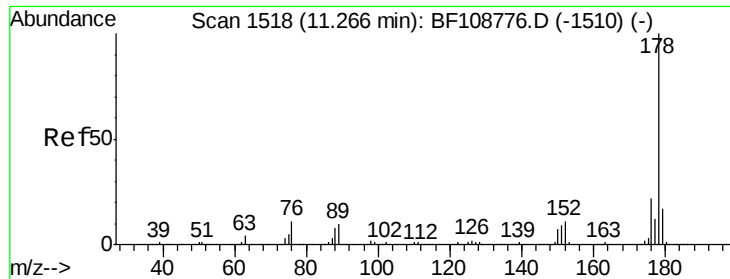
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.8	9.2	13.8

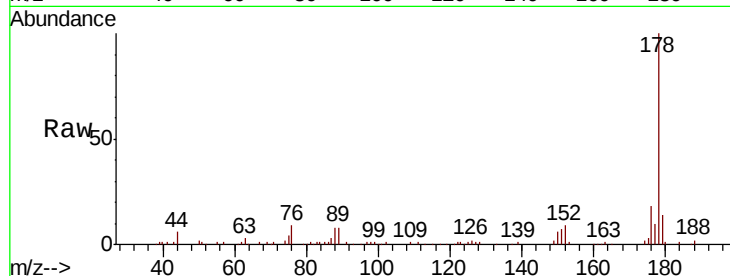




#70
Phenanthrene
Concen: 2.008 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.4	13.0	19.6

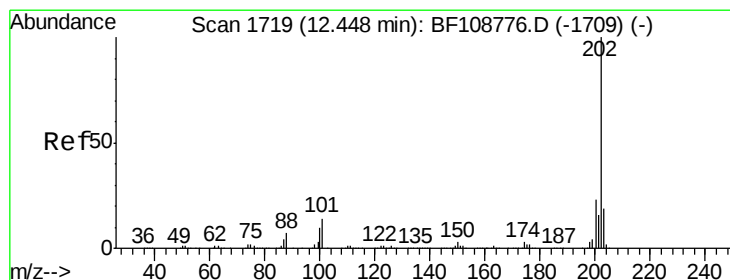
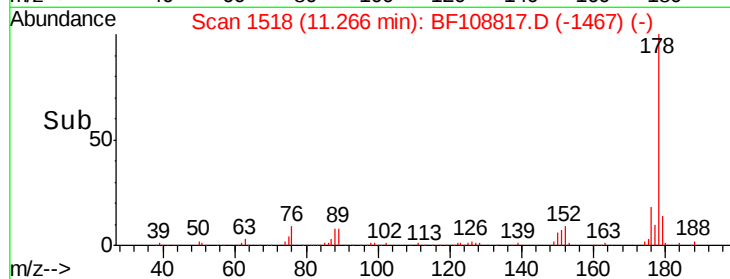
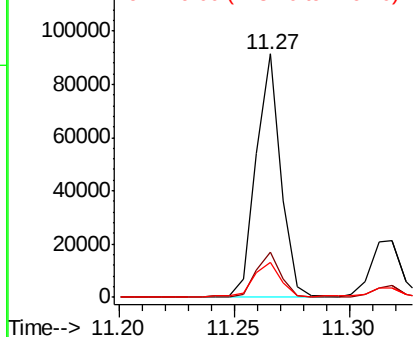


Abundance

Ion 178.00 (177.70 to 178.70): E

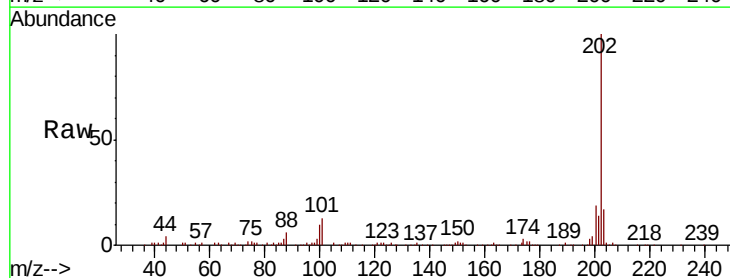
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 3.652 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	16.6	0.0	38.1

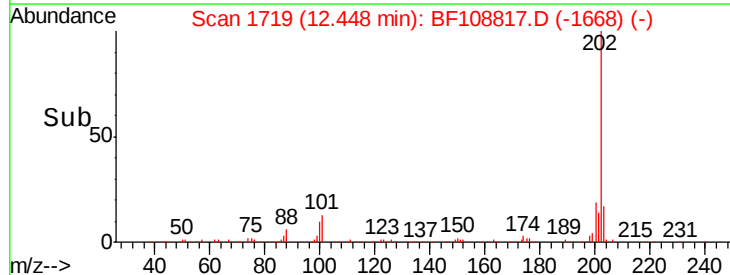
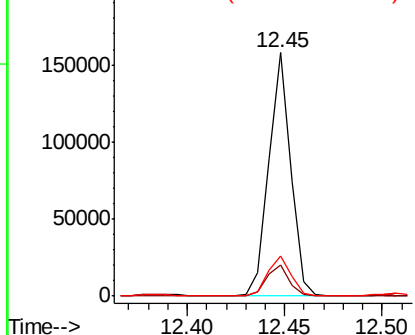


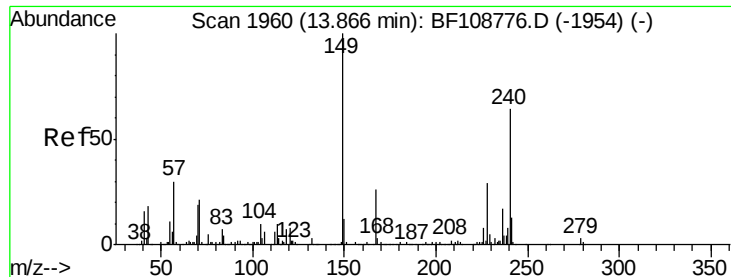
Abundance

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

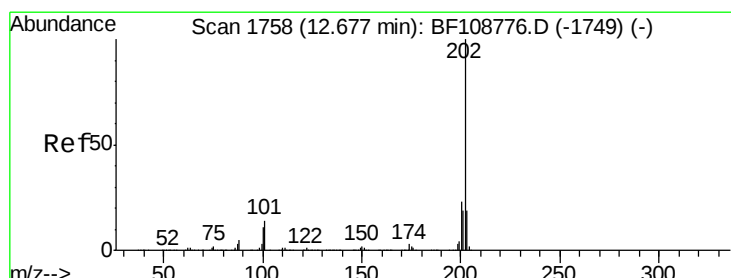
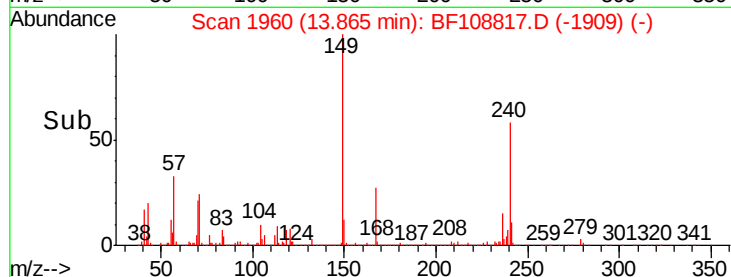
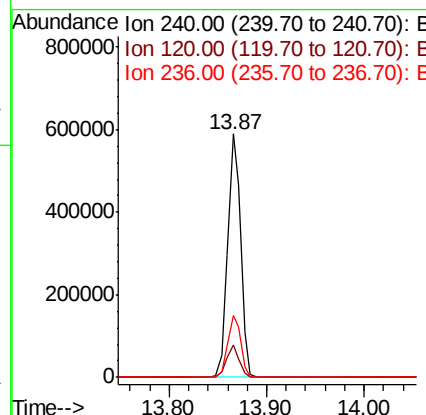
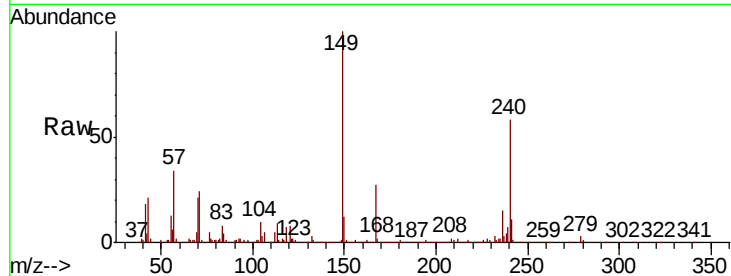




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

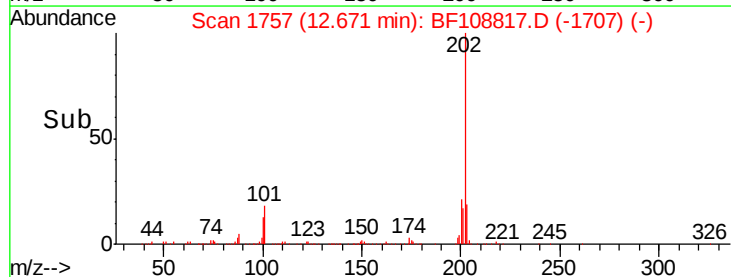
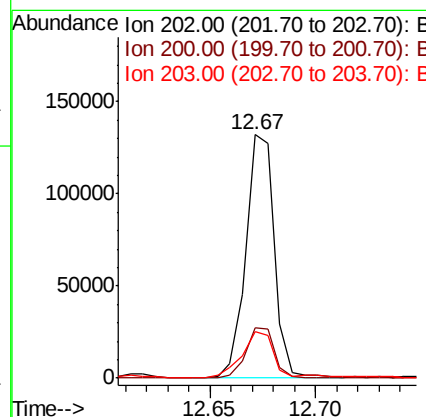
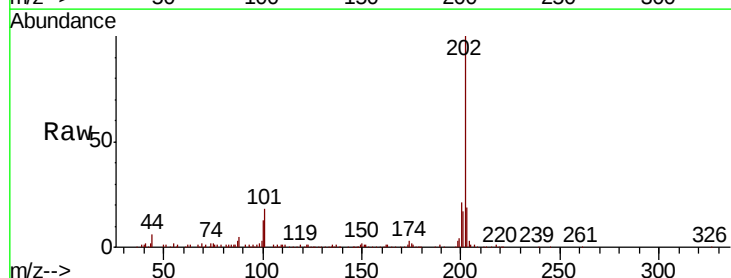
Instrument :
BNA_F
ClientSampleId :

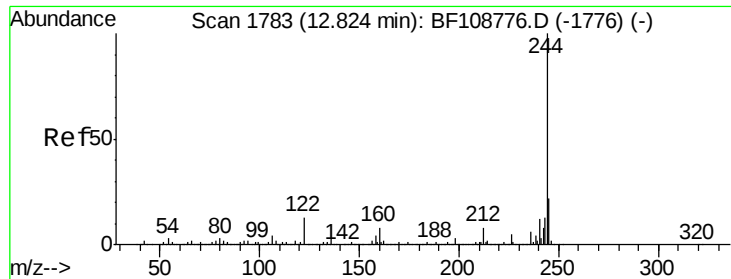
Tot Ion:240 Resp: 542850
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.6 20.7 31.1



#77
Pyrene
Concen: 2.915 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion:202 Resp: 121751
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 19.3 14.3 21.5





#78

Terphenyl-d14

Concen: 6.247 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

Instrument :

BNA_F

ClientSampleId :

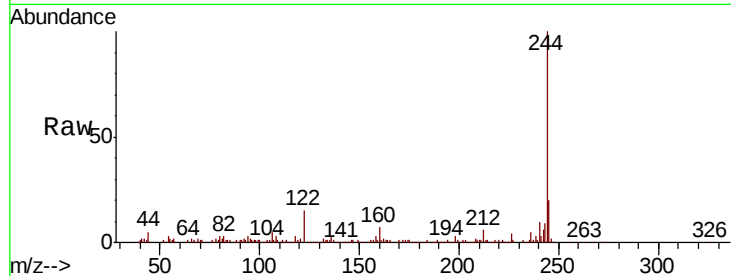
Tot Ion:244 Resp: 145433

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

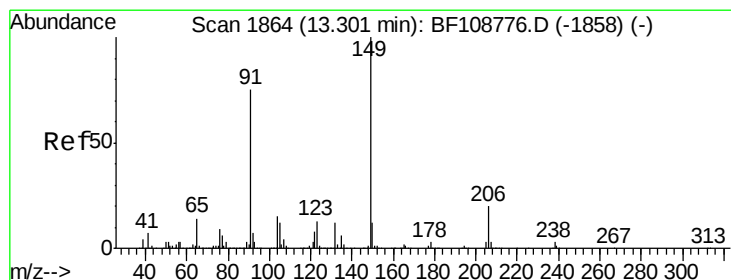
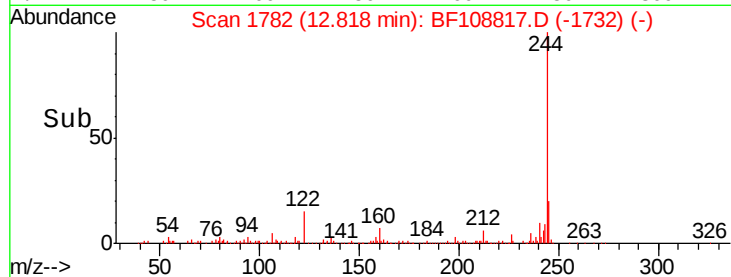
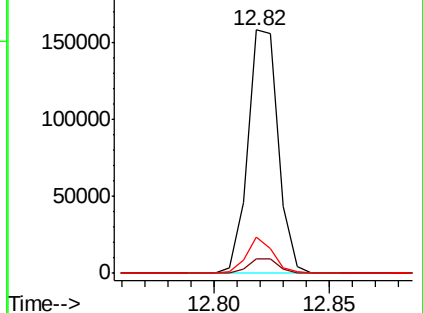
122 14.8 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 2.669 ng

RT: 13.30 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

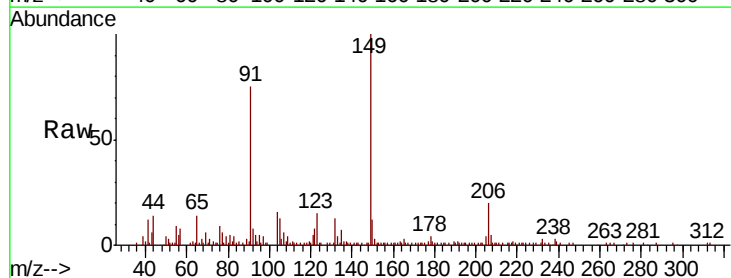
Tgt Ion:149 Resp: 50197

Ion Ratio Lower Upper

149 100

91 74.8 56.8 85.2

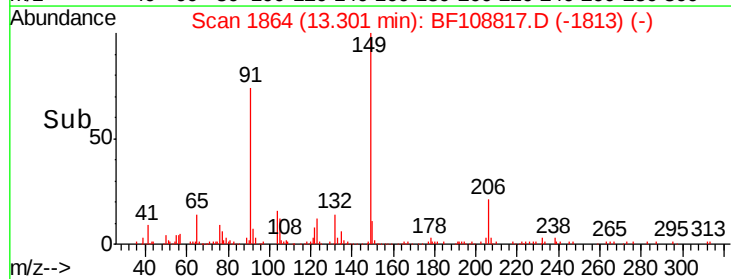
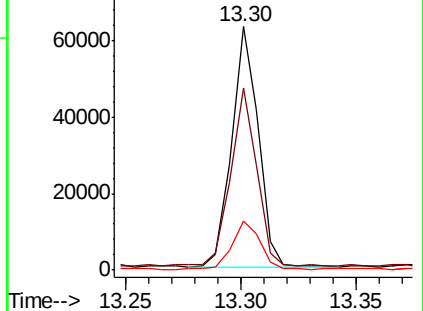
206 20.2 14.1 21.1

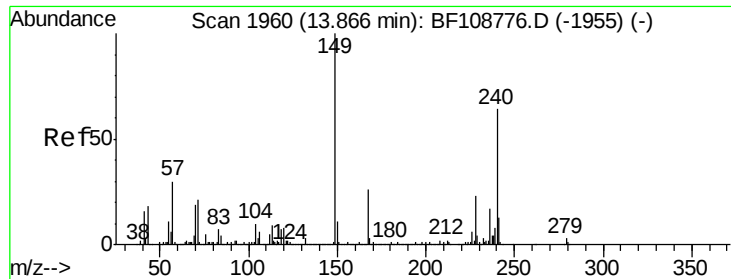


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

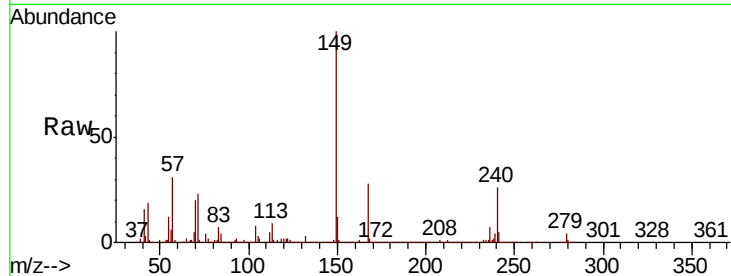




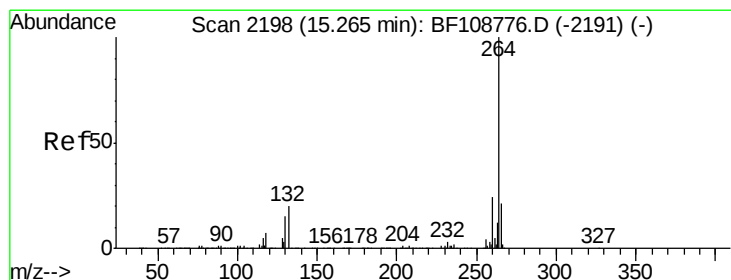
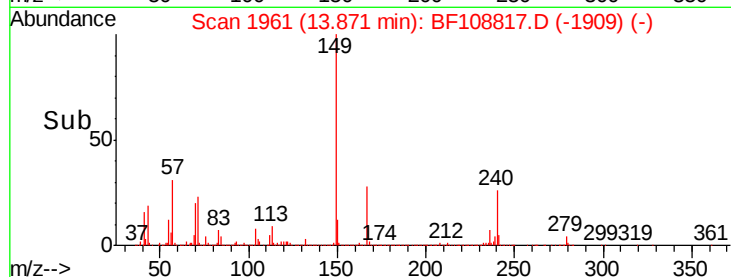
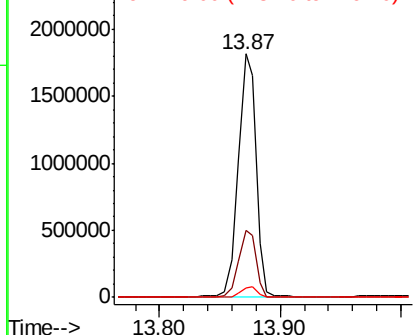
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.810 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1863034
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 3.8 3.0 4.4

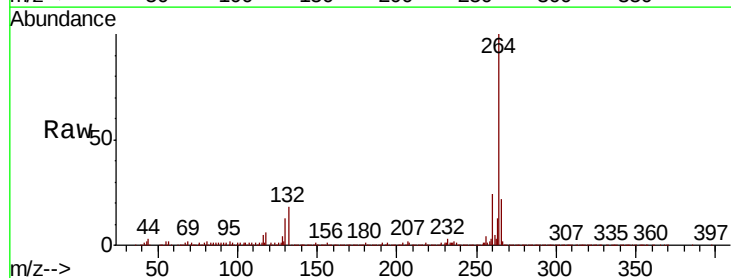


Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

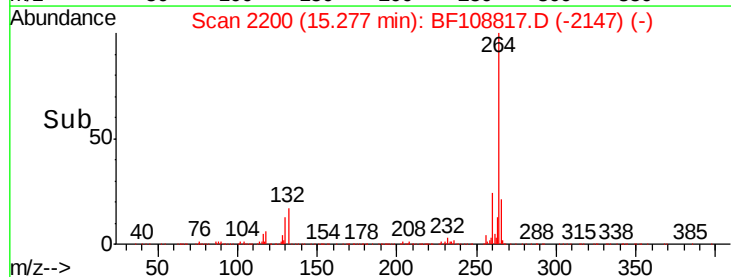
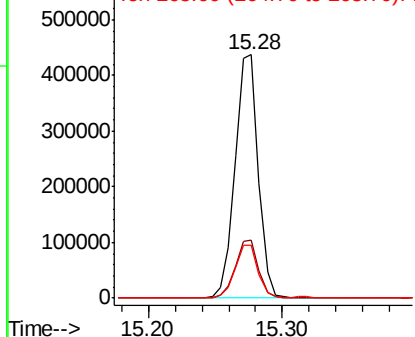


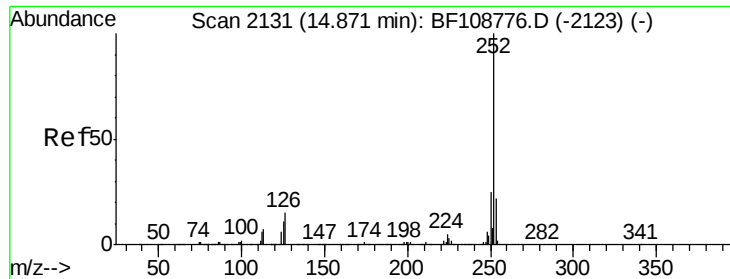
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Tgt Ion:264 Resp: 526776
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 600000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

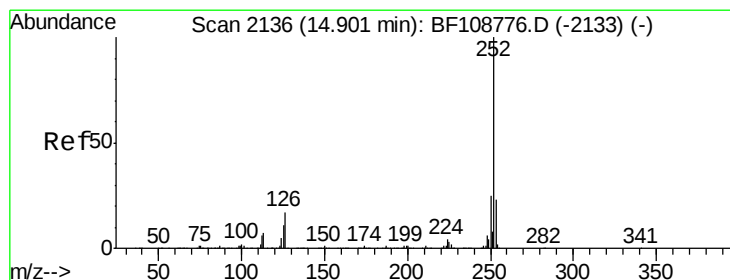
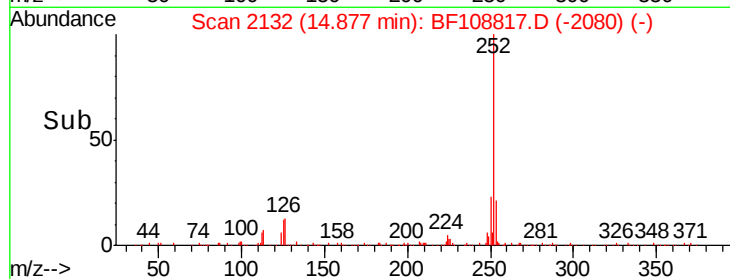
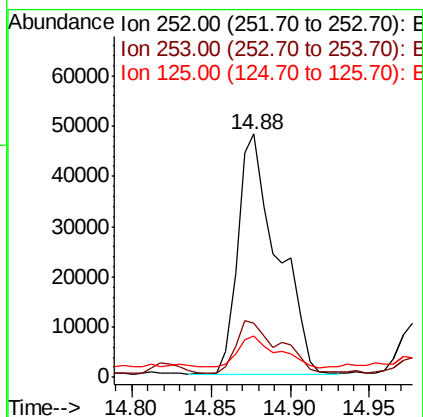
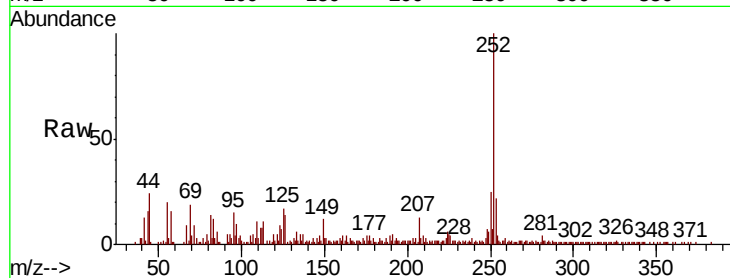




#87
Benzo(b)fluoranthene
Concen: 2.903 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 83163
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 16.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 3.153 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion:252 Resp: 83163
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 16.8 10.2 15.2#

