

Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

Quant Time: Sep 07 03:48:31 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	205565	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	726462	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	299018	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	518161	20.00	ng	0.00
75) Chrysene-d12	13.87	240	579880	20.00	ng	0.00
86) Perylene-d12	15.27	264	641405	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	920111	74.15	ng	0.01
7) Phenol-d6	6.37	99	1120822	70.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	694218	59.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	216815	75.95	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1112432	63.47	ng	0.00
78) Terphenyl-d14	12.82	244	1059866	42.62	ng	0.00

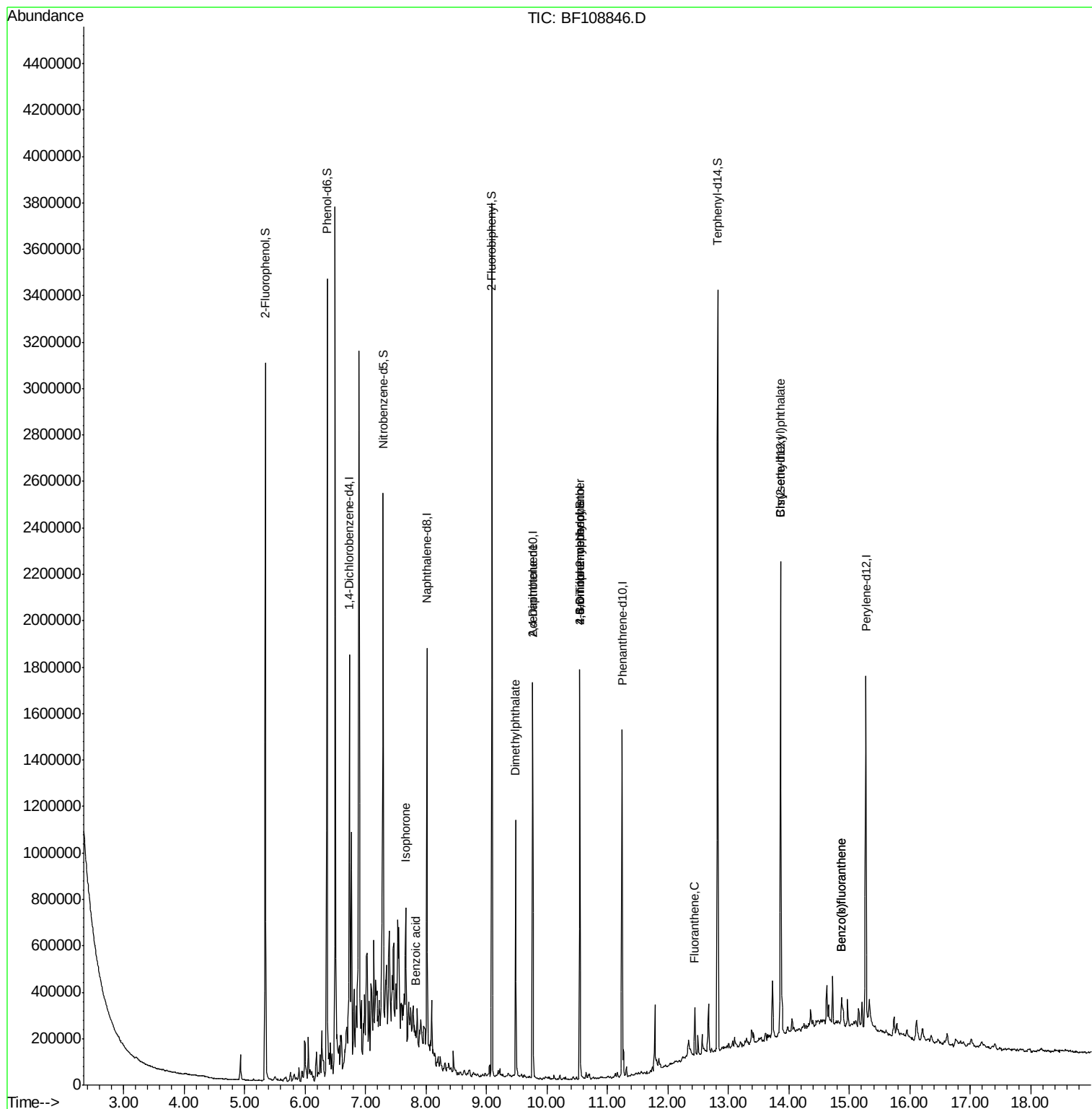
Target Compounds				Qvalue		
25) Isophorone	7.67	82	48438	2.092	ng	# 1
32) Benzoic acid	7.82	122	3050	4.506	ng	# 23
49) Dimethylphthalate	9.48	163	370763	17.728	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	38952	7.643	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	340	7.011	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13285	2.270	ng	# 1
74) Fluoranthene	12.44	202	79357	3.239	ng	# 100
83) Bis(2-ethylhexyl)phthalate	13.87	149	66700	2.641	ng	# 99
87) Benzo(b)fluoranthene	14.87	252	82172	2.356	ng	# 92
88) Benzo(k)fluoranthene	14.87	252	82172	2.558	ng	# 95

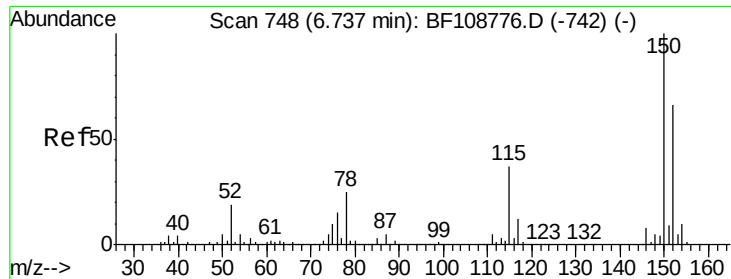
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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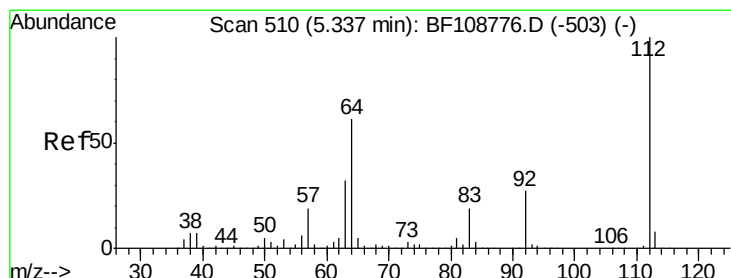
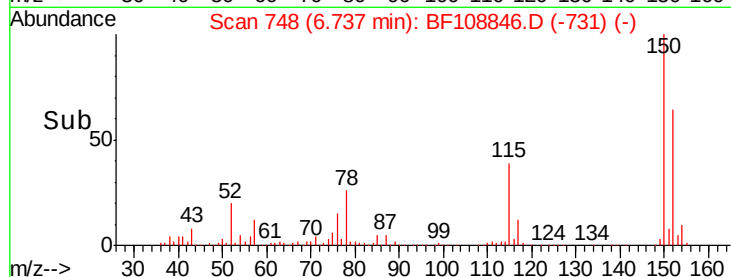
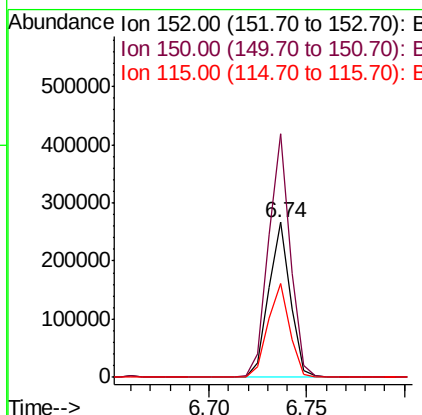
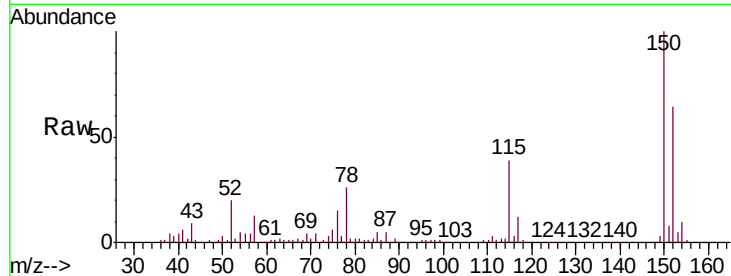




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

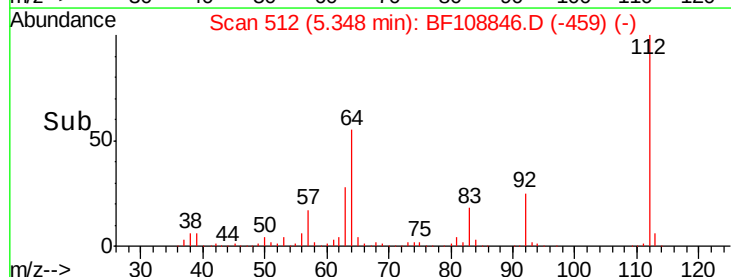
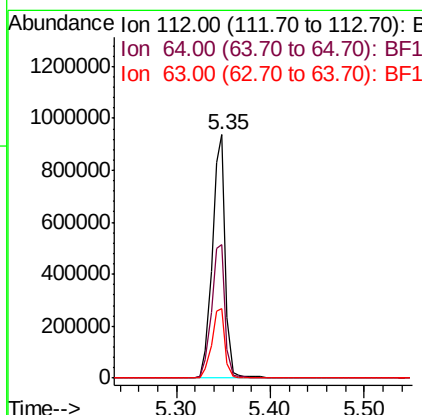
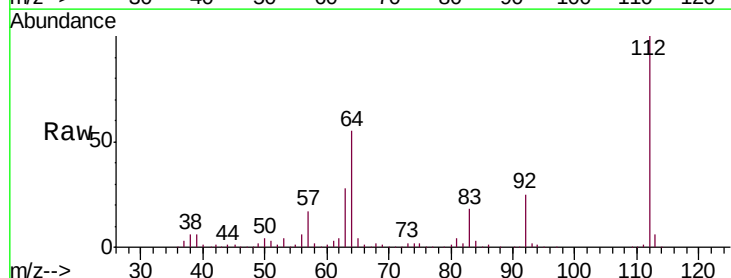
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

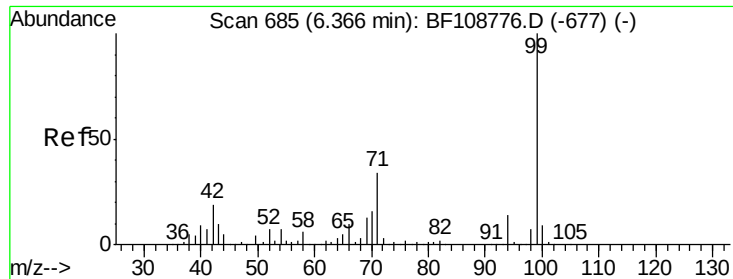
Tgt Ion:152 Resp: 205565
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 60.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 74.153 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Tgt Ion:112 Resp: 920111
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 70.204 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-FD-01

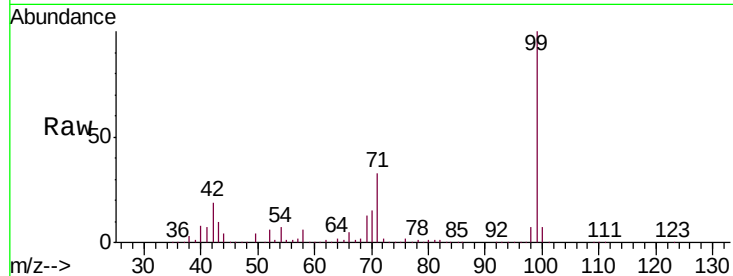
Tgt Ion: 99 Resp: 1120822

Ion Ratio Lower Upper

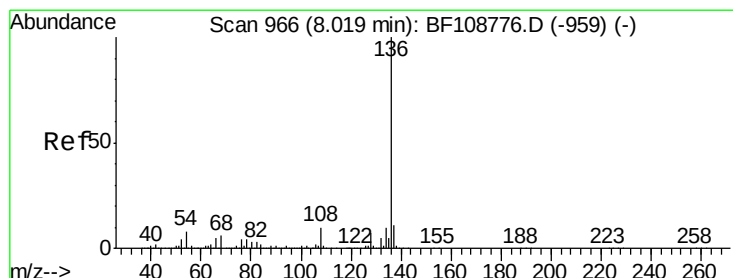
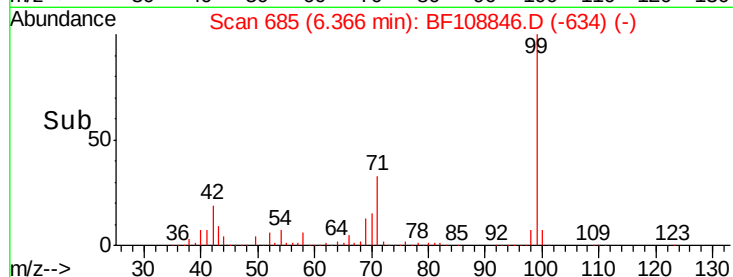
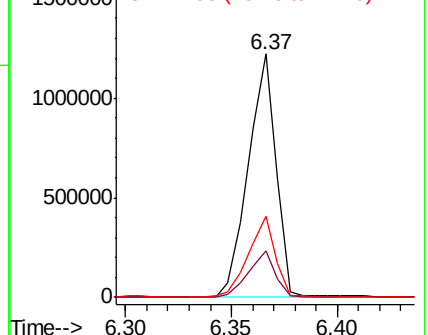
99 100

42 19.3 14.5 21.7

71 33.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Tgt Ion: 136 Resp: 726462

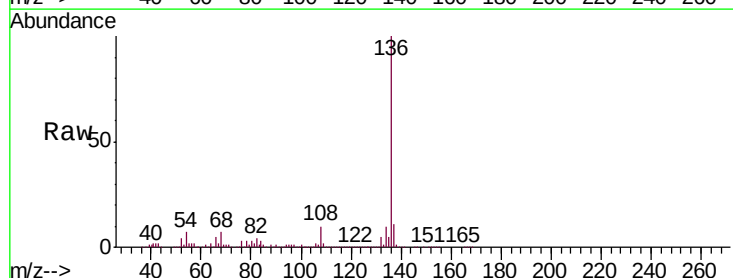
Ion Ratio Lower Upper

136 100

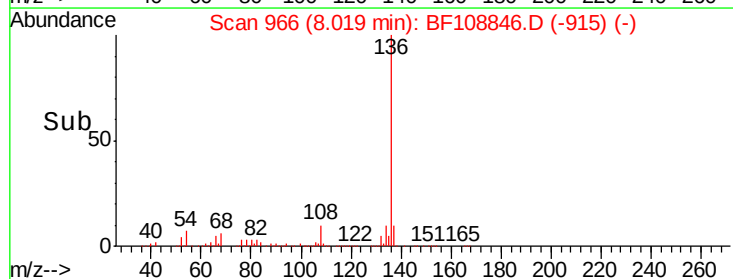
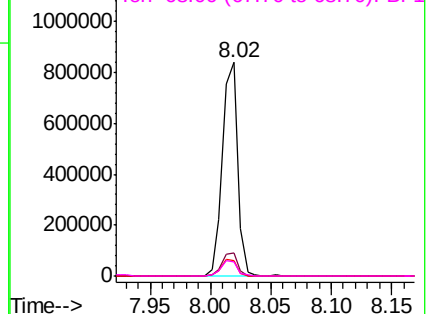
137 10.6 8.9 13.3

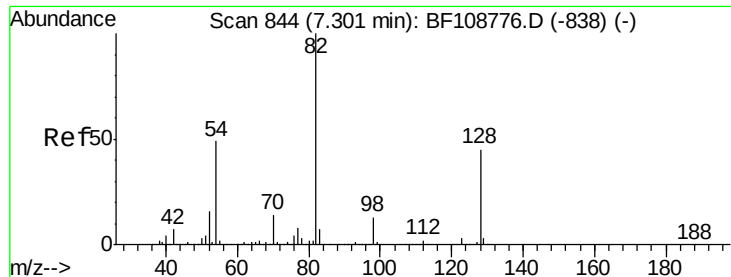
54 7.2 6.6 9.8

68 6.5 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

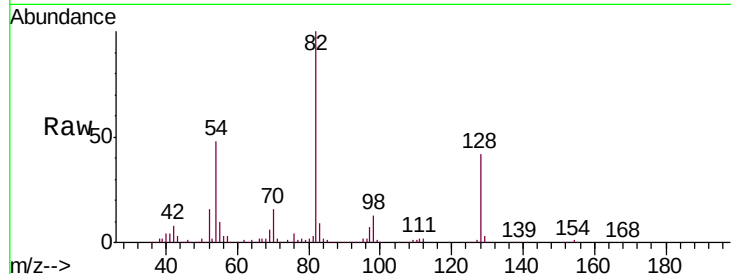




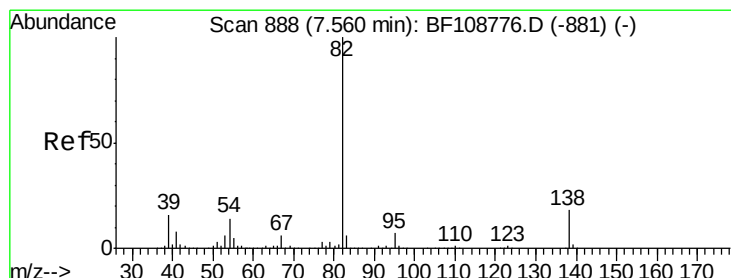
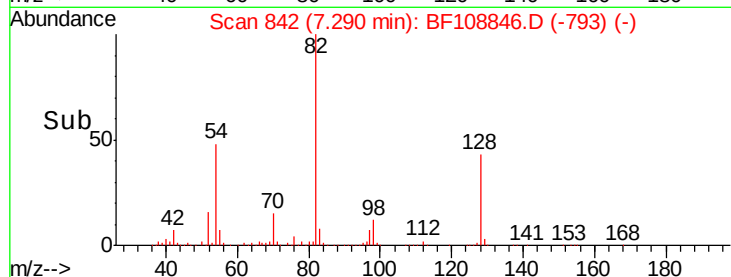
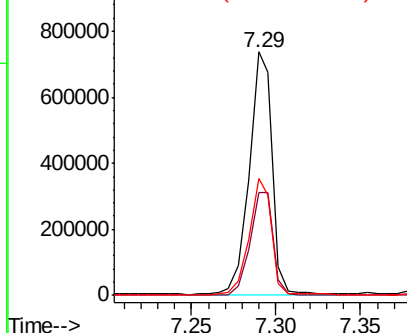
#23
 Nitrobenzene-d5
 Concen: 59.803 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Instrument :
 BNA_F
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 EP1-Q2-FD-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	48.2	41.4	62.2

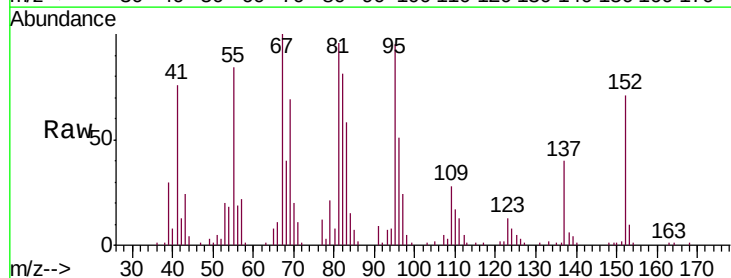


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

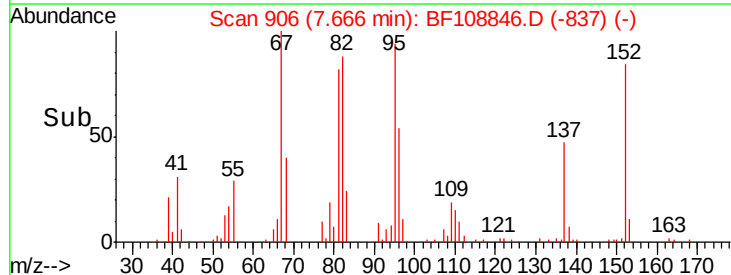
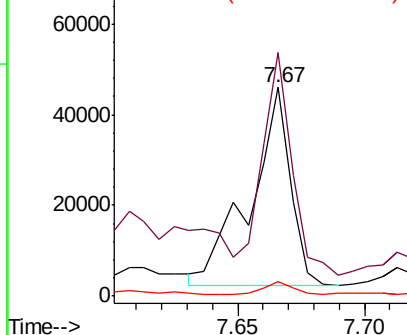


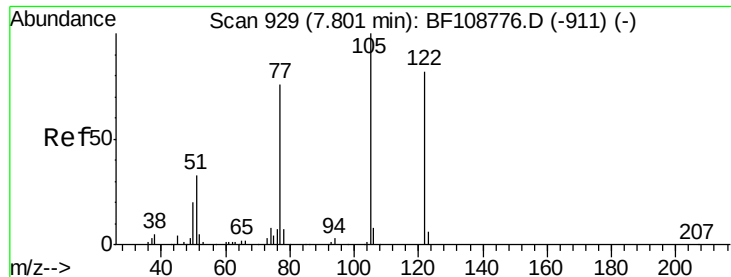
#25
 Isophorone
 Concen: 2.092 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.11 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Tgt Ion	Ratio	Lower	Upper
82	100		
95	116.6	5.2	7.8#
138	7.1	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

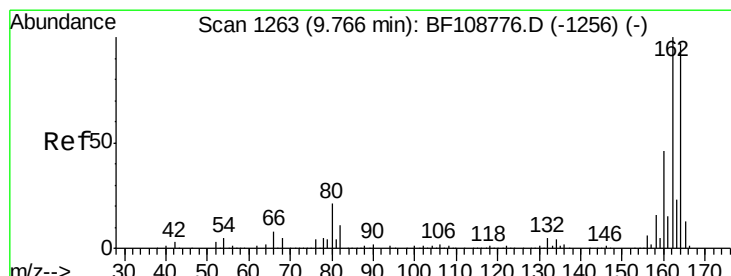
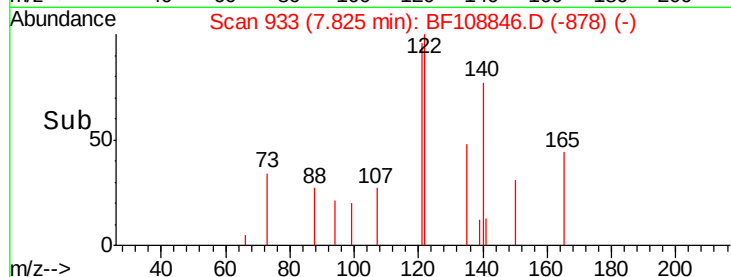
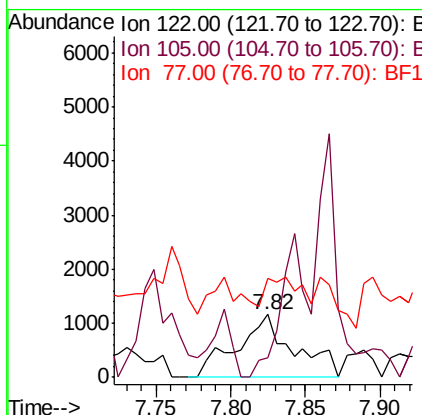
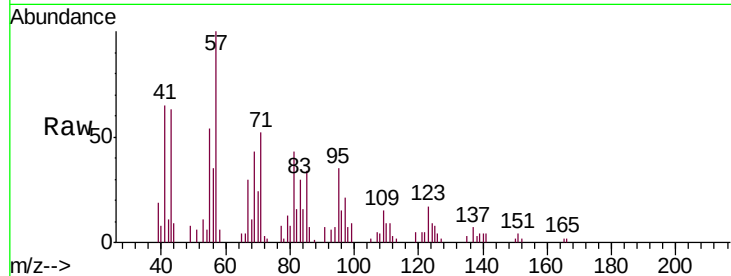




#32
Benzoic acid
Concen: 4.506 ng
RT: 7.82 min Scan# 933
Delta R.T. 0.02 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

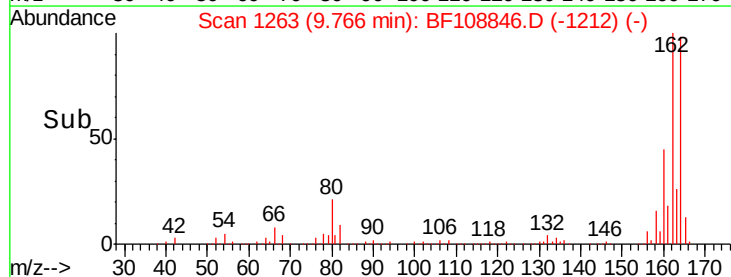
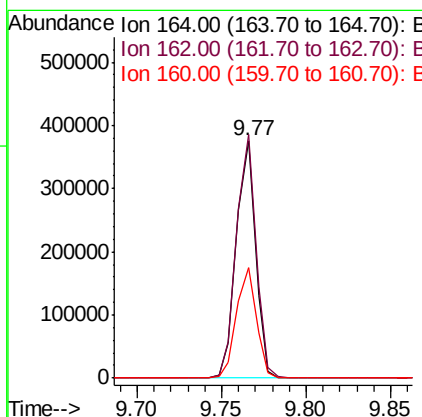
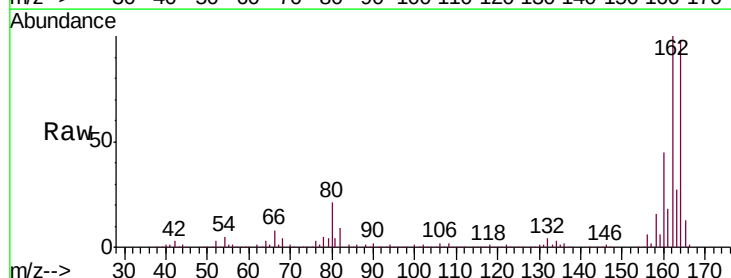
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

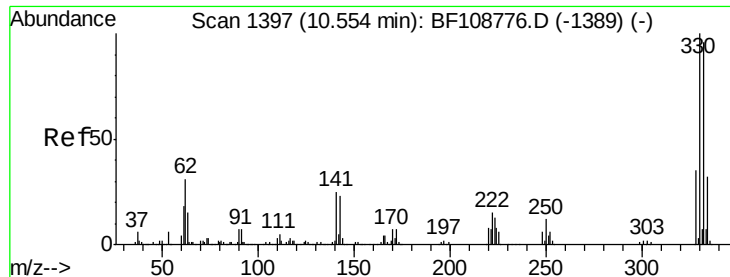
Tgt Ion:122 Resp: 3050
Ion Ratio Lower Upper
122 100
105 31.2 101.1 141.1#
77 158.3 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Tgt Ion:164 Resp: 299018
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.4 38.3 57.5

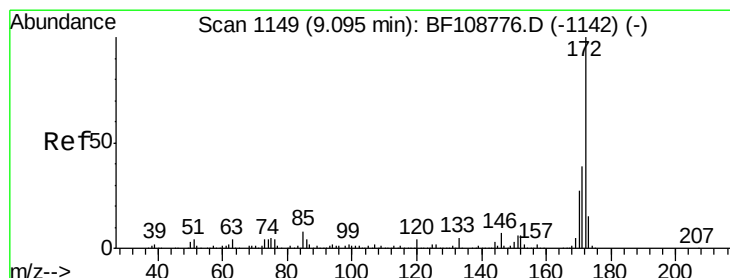
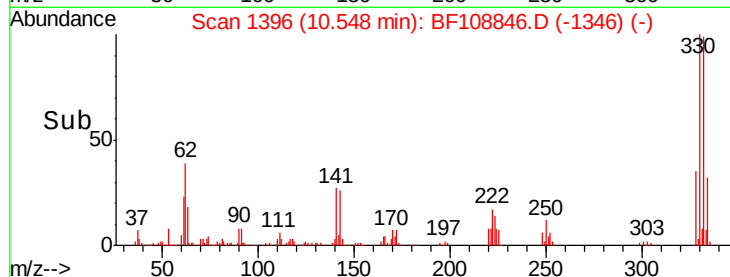
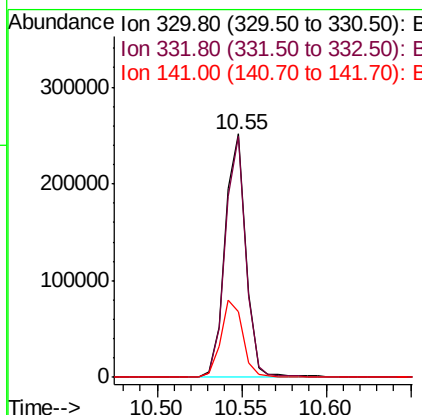
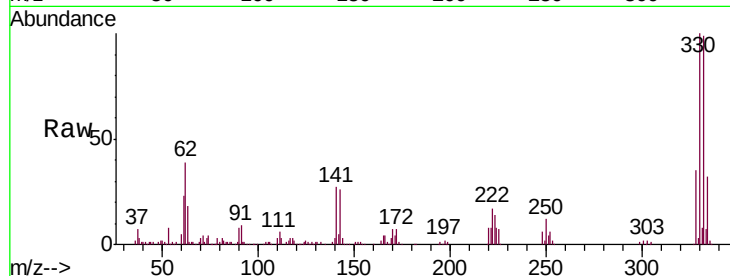




#41
 2,4,6-Tribromophenol
 Concen: 75.954 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

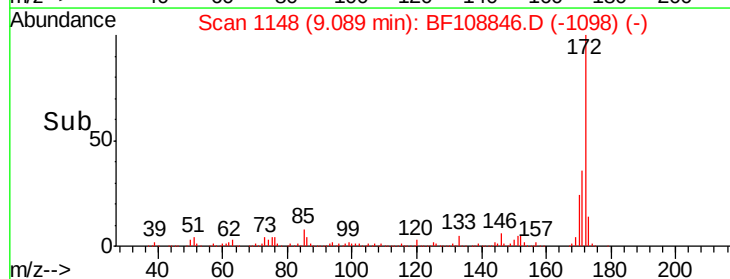
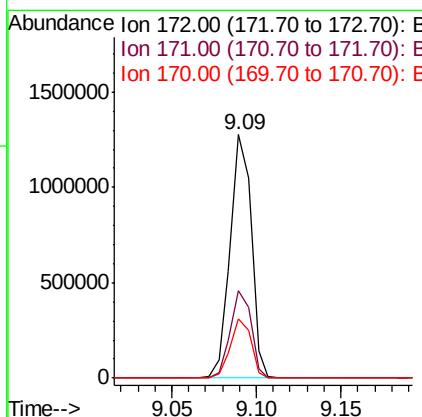
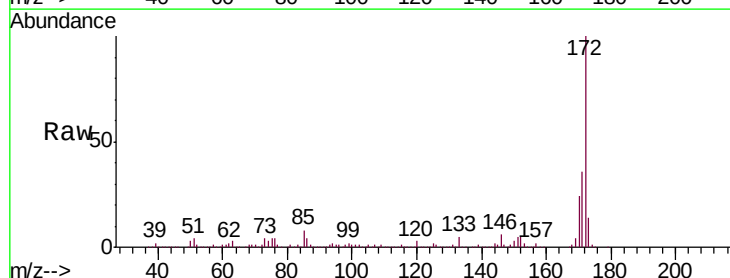
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 EP1-Q2-FD-01

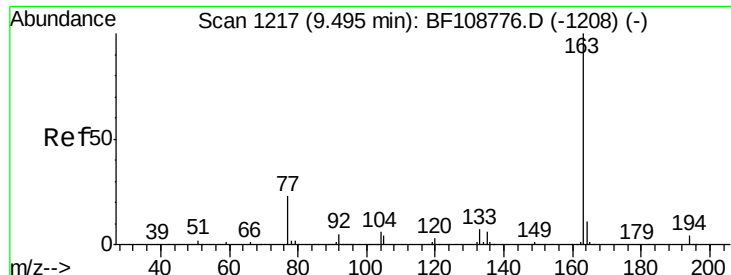
Tgt Ion:330 Resp: 216815
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 33.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 63.467 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Tgt Ion:172 Resp: 1112432
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 19.6 29.4

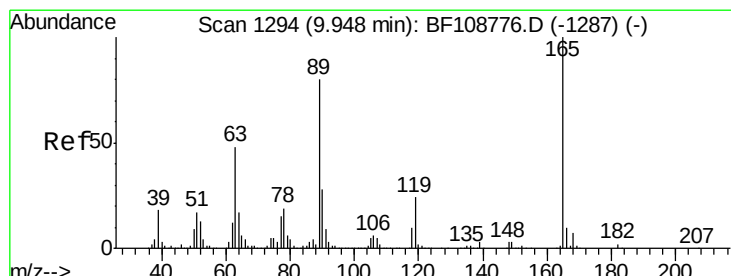
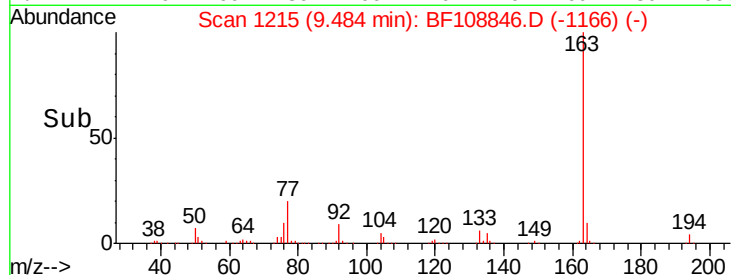
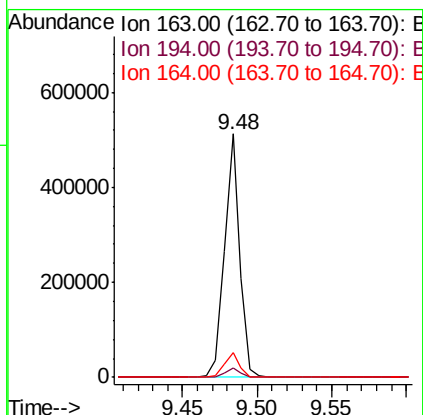
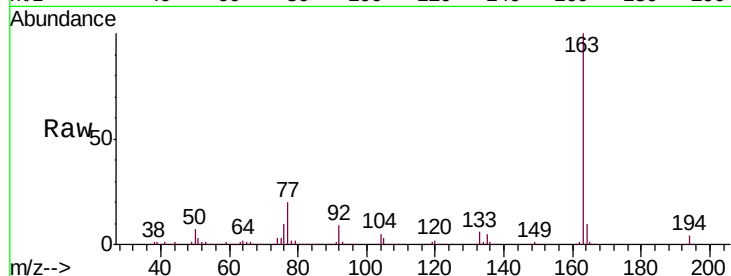




#49
Dimethylphthalate
Concen: 17.728 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

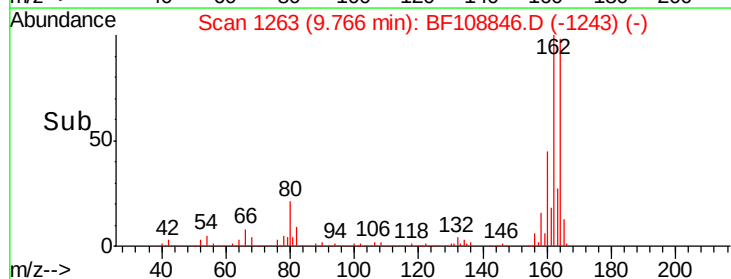
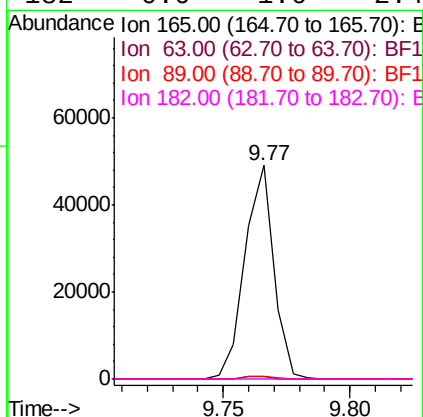
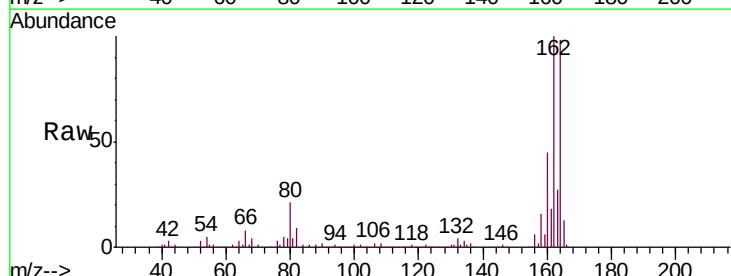
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EP1-Q2-FD-01

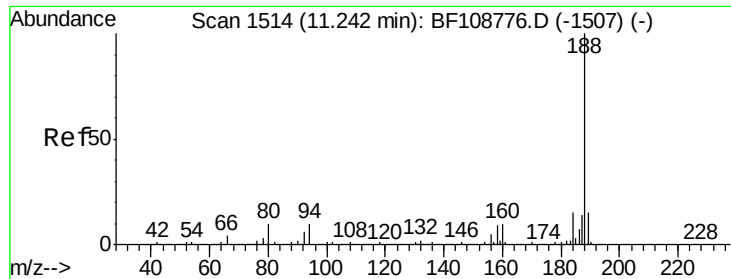
Tgt Ion:163 Resp: 370763
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.643 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Tgt Ion:165 Resp: 38952
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

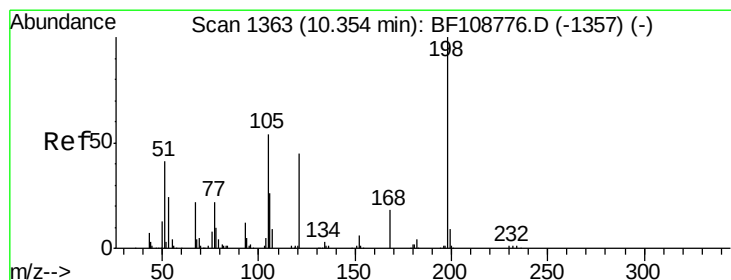
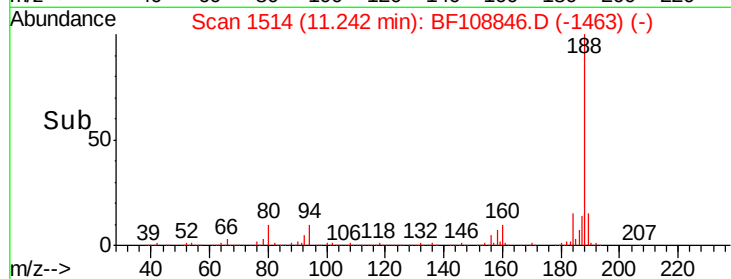
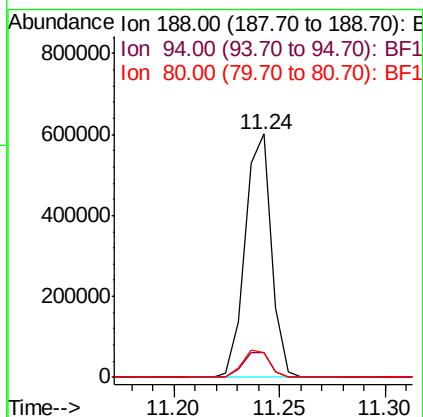
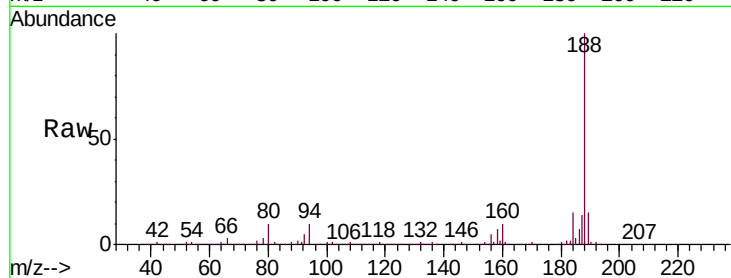




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

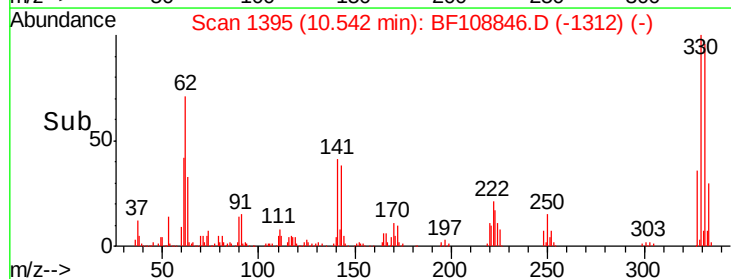
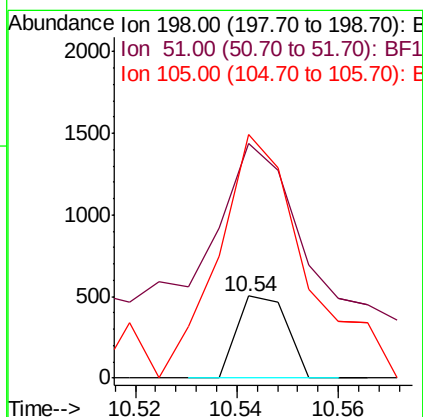
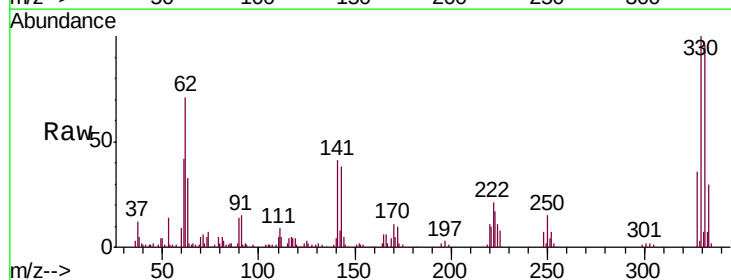
Instrument :
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EP1-Q2-FD-01

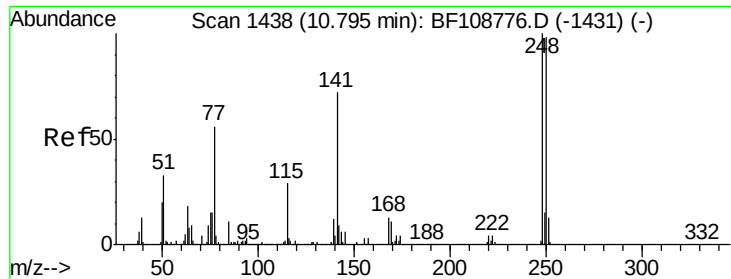
Tgt Ion:188 Resp: 518161
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.011 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Tgt Ion:198 Resp: 340
Ion Ratio Lower Upper
198 100
51 287.8 37.7 77.7#
105 298.0 36.3 76.3#

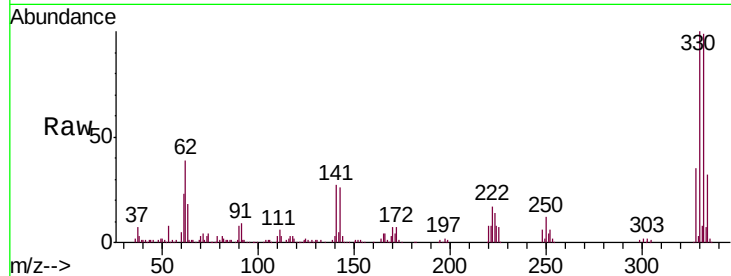




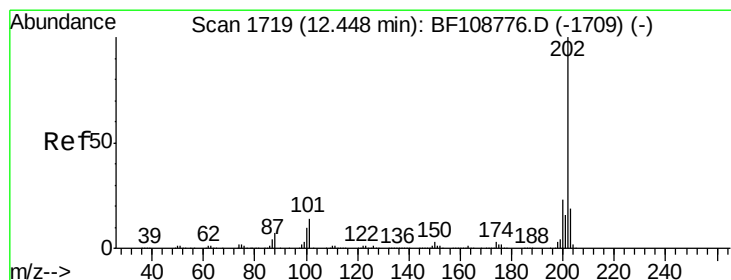
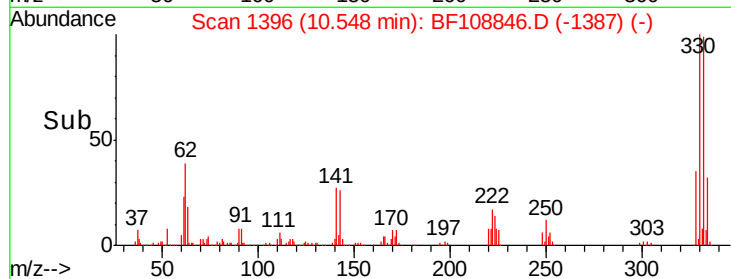
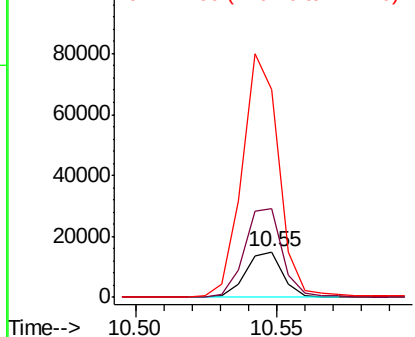
#66
 4-Bromophenyl-phenylether
 Concen: 2.270 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Tgt Ion: 248 Resp: 13285
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.9 115.3#
 141 455.5 74.4 111.6#

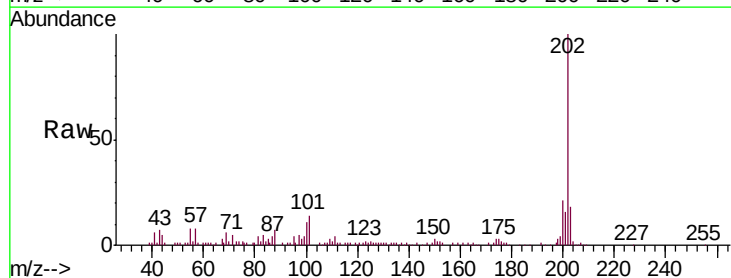


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

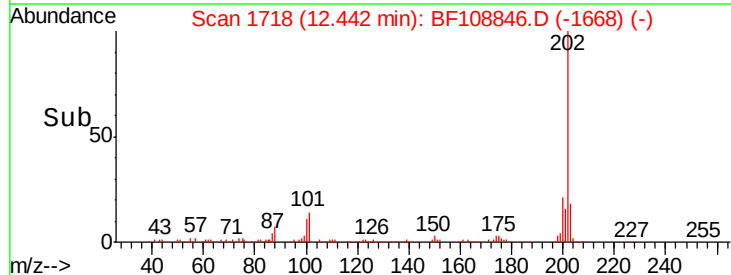
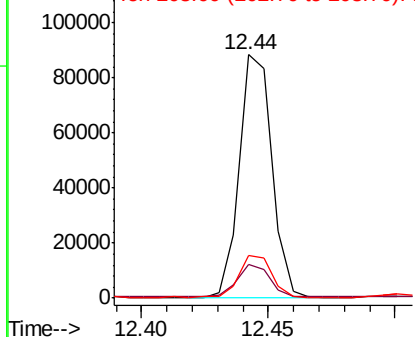


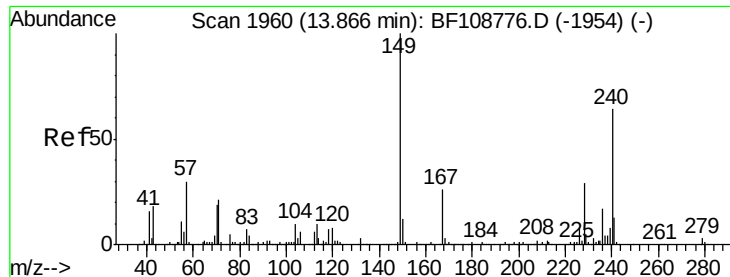
#74
 Fluoranthene
 Concen: 3.239 ng
 RT: 12.44 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Tgt Ion: 202 Resp: 79357
 Ion Ratio Lower Upper
 202 100
 101 14.1 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: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-FD-01

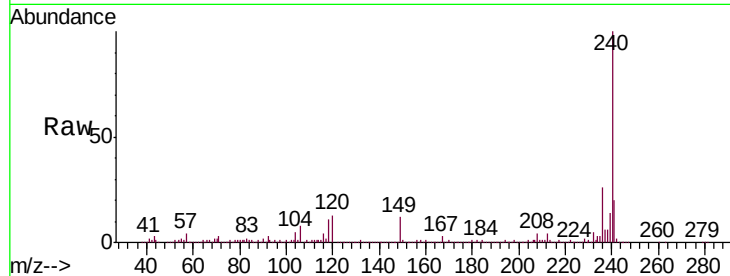
Tgt Ion:240 Resp: 579880

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

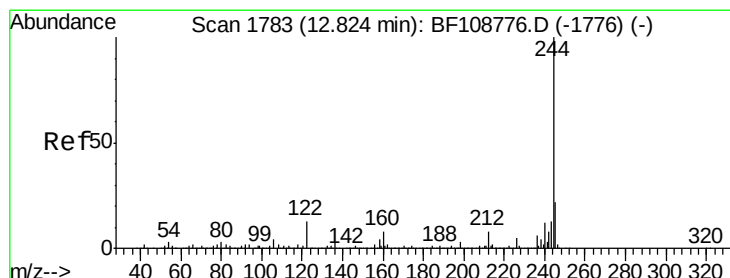
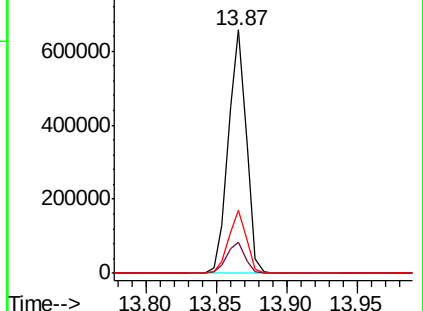
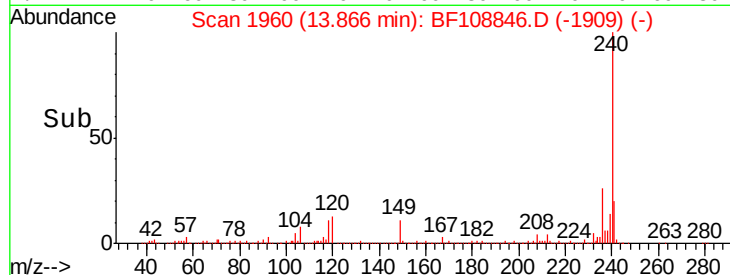
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 42.621 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108846.D

Acq: 7 Sep 2018 1:41

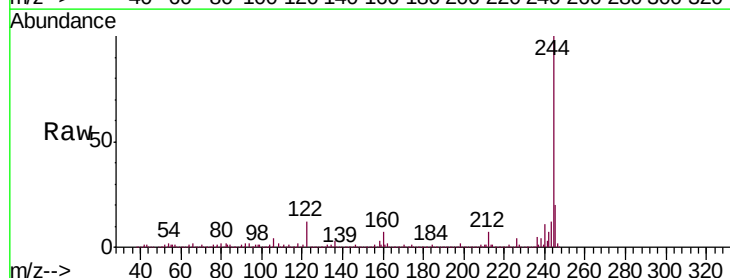
Tgt Ion:244 Resp: 1059866

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

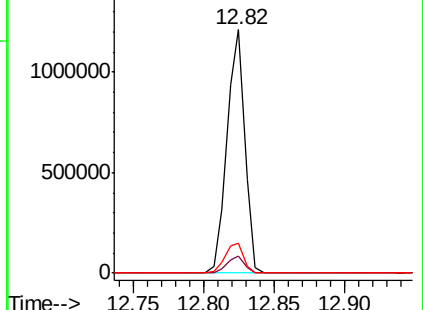
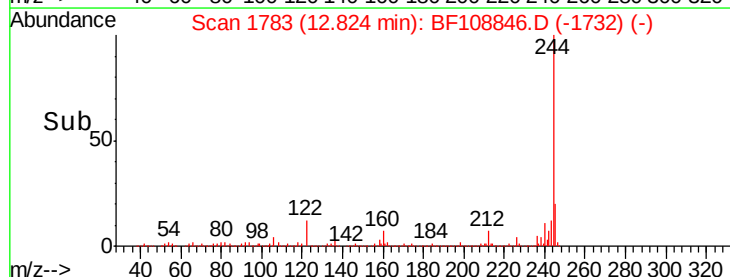
122 12.3 11.0 16.4

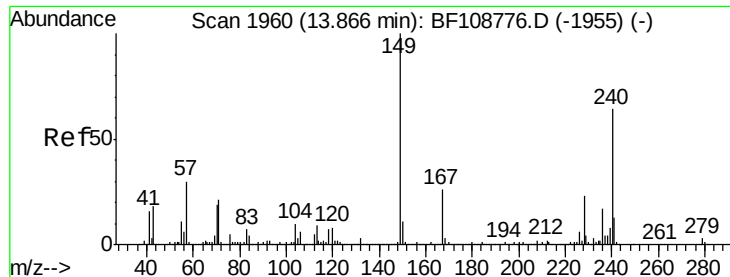


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

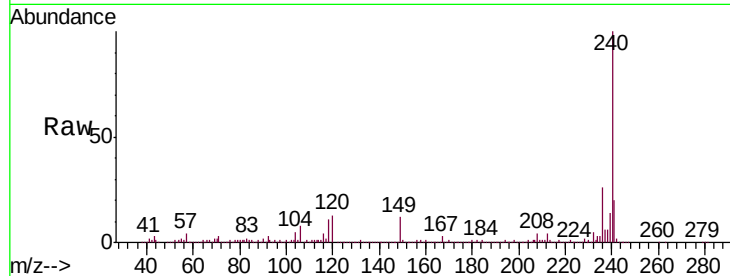




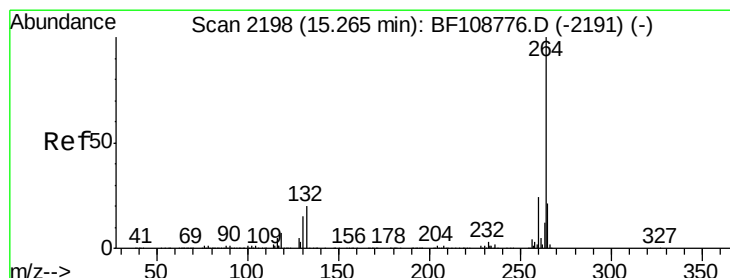
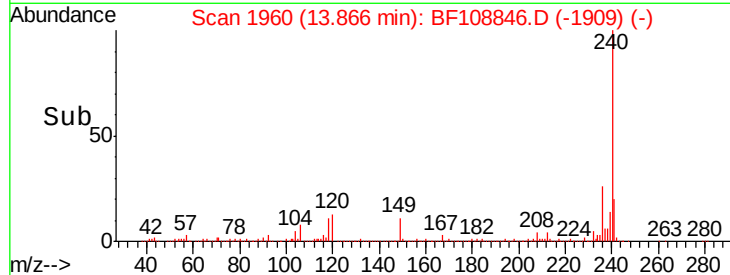
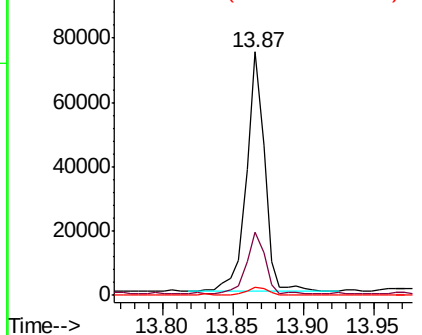
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.641 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-FD-01

Tgt Ion:	149	Resp:	66700
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4

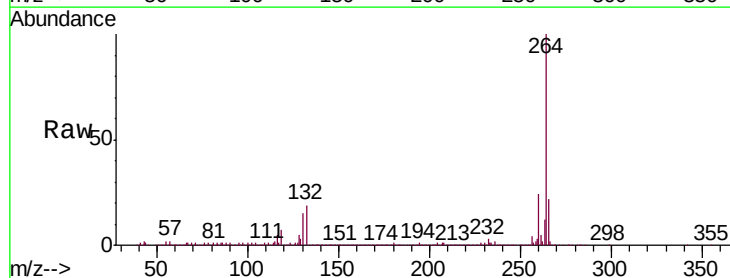


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

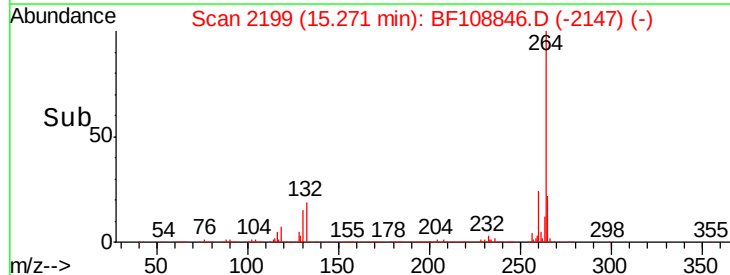
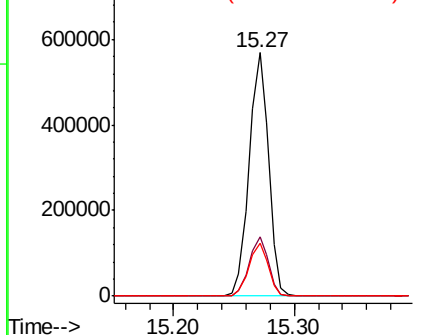


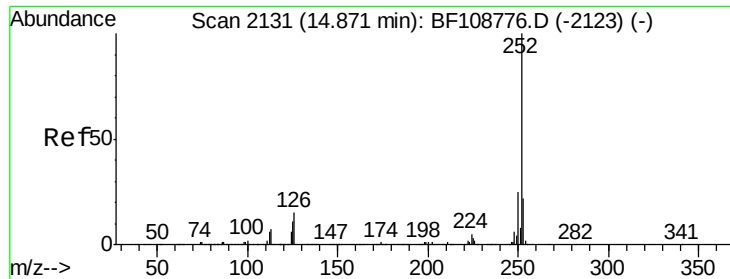
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108846.D
 Acq: 7 Sep 2018 1:41

Tgt Ion:	264	Resp:	641405
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	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

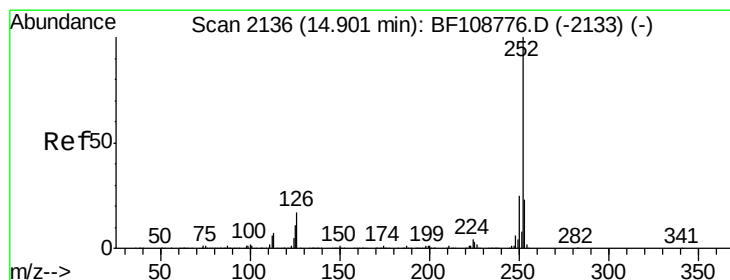
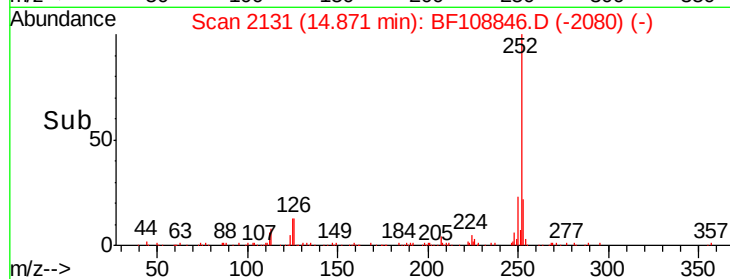
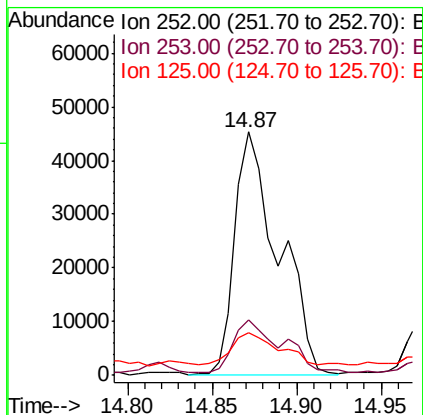
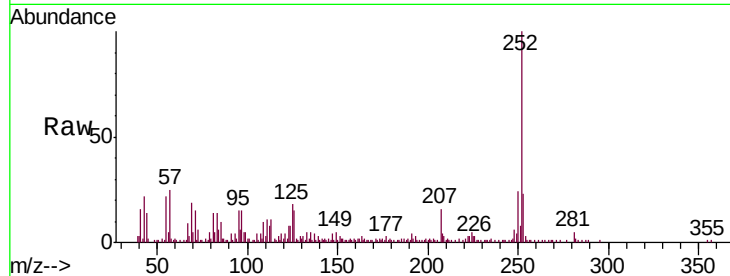




#87
Benzo(b)fluoranthene
Concen: 2.356 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-FD-01

Tgt Ion:252 Resp: 82172
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 17.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.558 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BF108846.D
Acq: 7 Sep 2018 1:41

Tgt Ion:252 Resp: 82172
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 17.6 10.2 15.2#

