

Data File : BF108836.D
Acq On : 6 Sep 2018 21:09
Operator : JU/SJ
Sample : J4803-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Quant Time: Sep 07 01:46:21 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	241232	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	885862	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	390733	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	651309	20.00	ng	0.00
75) Chrysene-d12	13.87	240	576800	20.00	ng	0.00
86) Perylene-d12	15.27	264	661981	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1032486	70.91	ng	0.01
7) Phenol-d6	6.37	99	1305195	69.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	815233	57.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	266673	71.49	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1385557	60.49	ng	0.00
78) Terphenyl-d14	12.82	244	1128370	45.62	ng	0.00

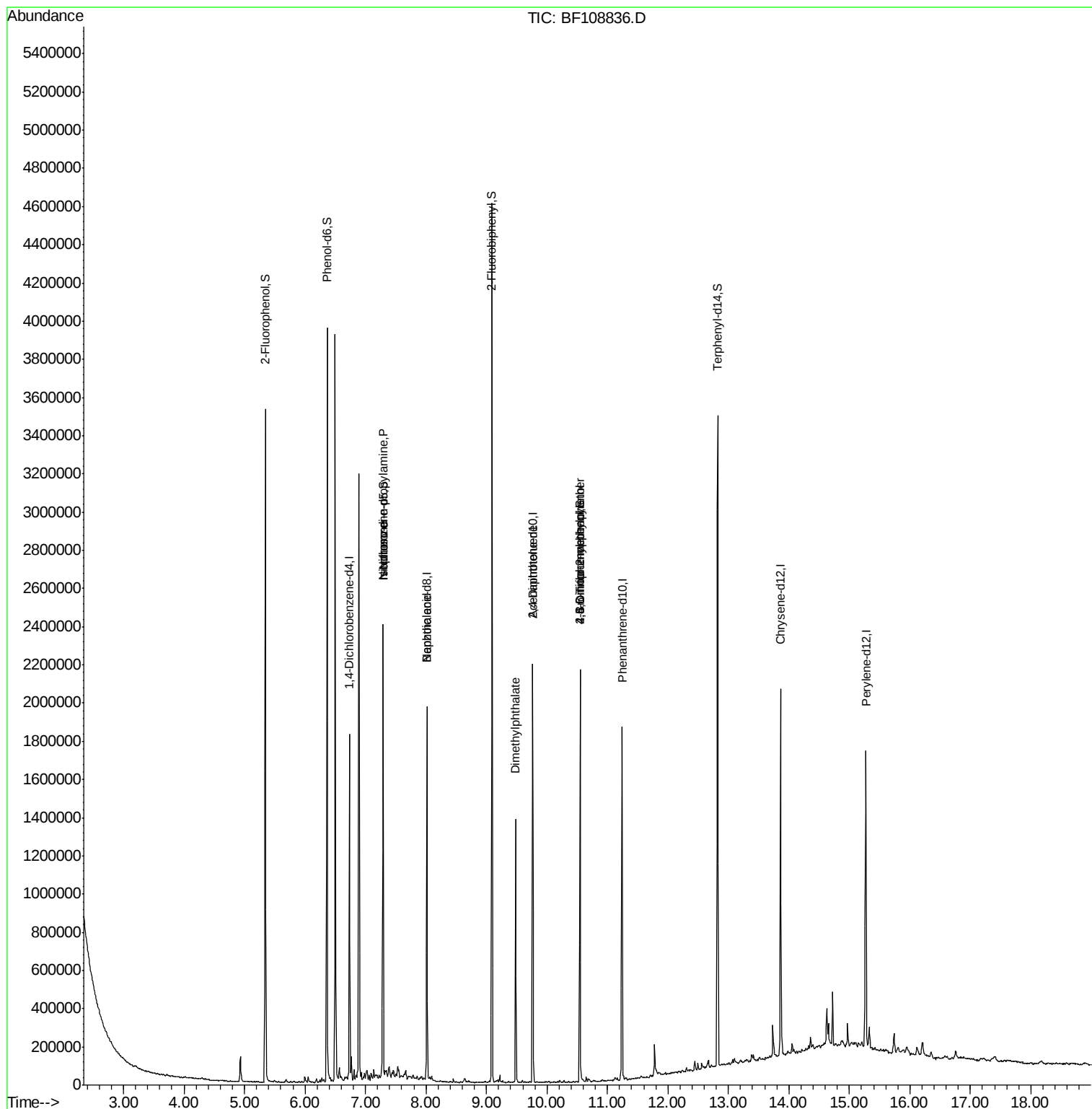
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	114050	8.758	ng	# 79
25) Isophorone	7.29	82	802976	28.438	ng	# 64
32) Benzoic acid	8.02	122	126	4.034	ng	# 1
49) Dimethylphthalate	9.48	163	482121	17.641	ng	99
56) 2,4-Dinitrotoluene	9.77	165	50512	7.585	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	455	7.021	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16236	2.207	ng	# 1

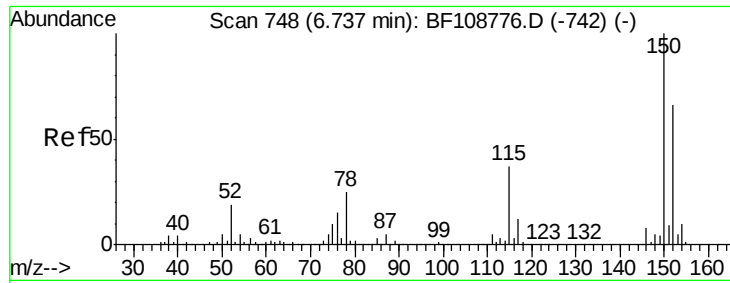
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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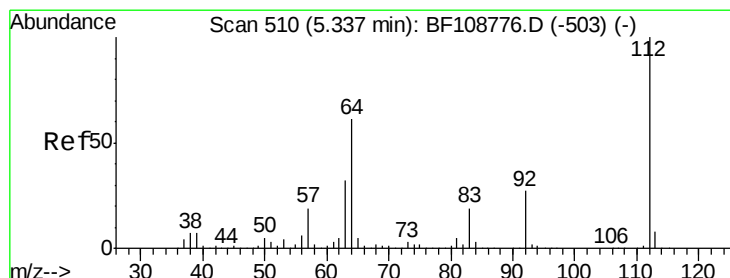
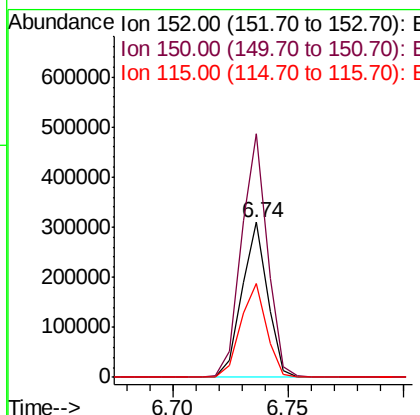
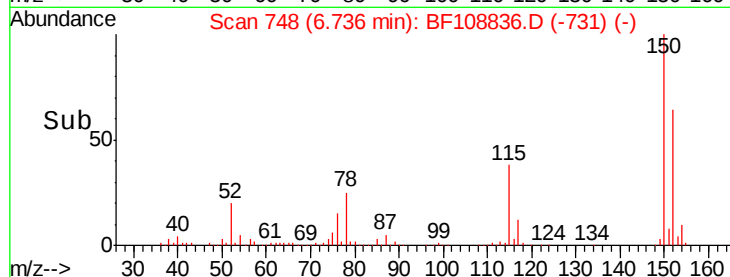
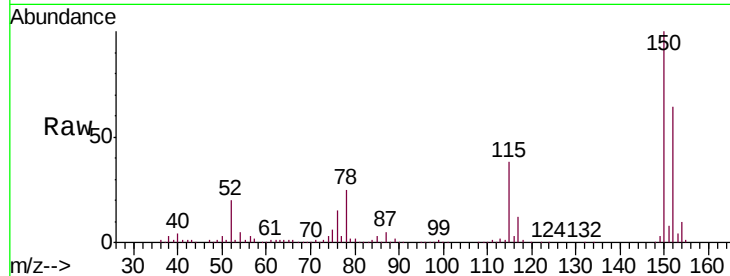




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

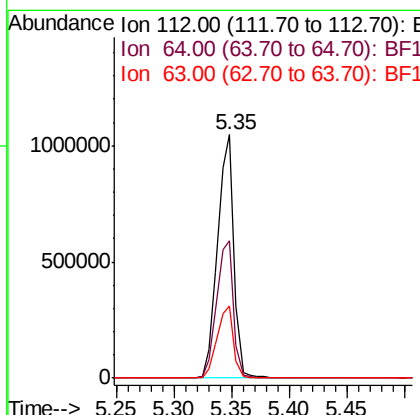
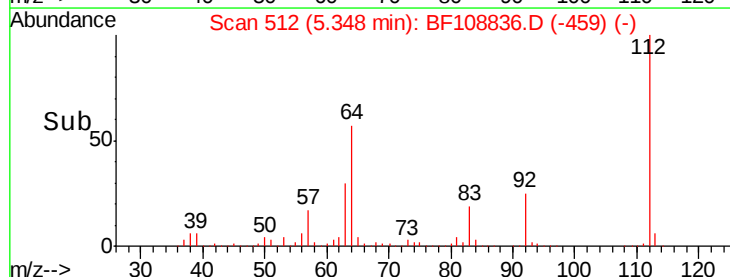
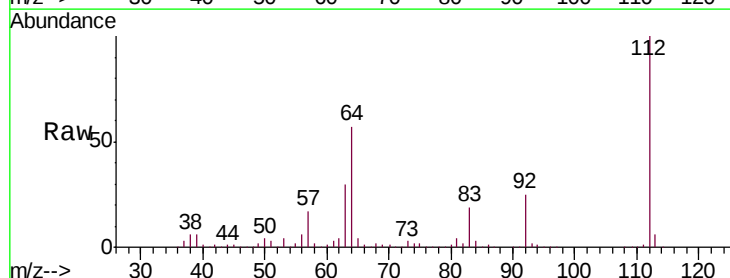
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G7

Tgt Ion:152 Resp: 241232
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 60.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 70.906 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

Tgt Ion:112 Resp: 1032486
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 69.665 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

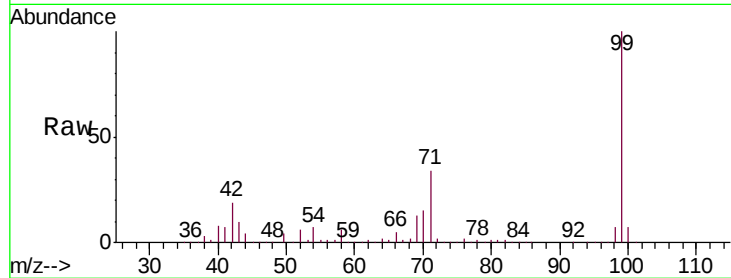
Tgt Ion: 99 Resp: 1305195

Ion Ratio Lower Upper

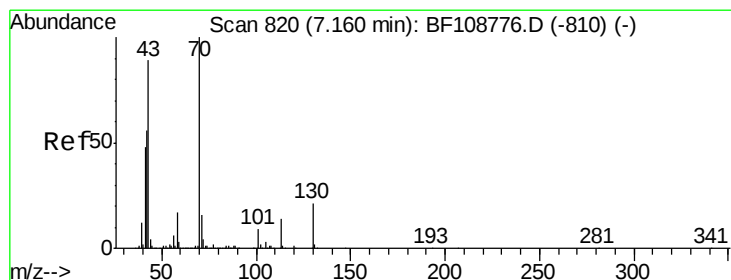
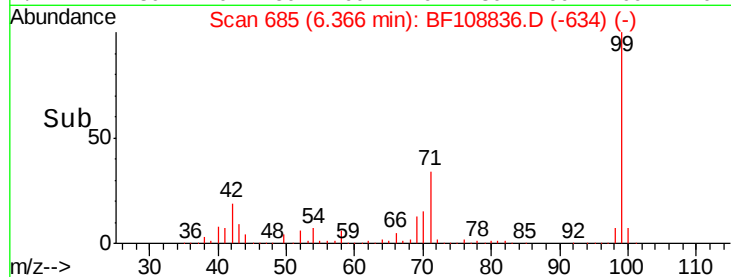
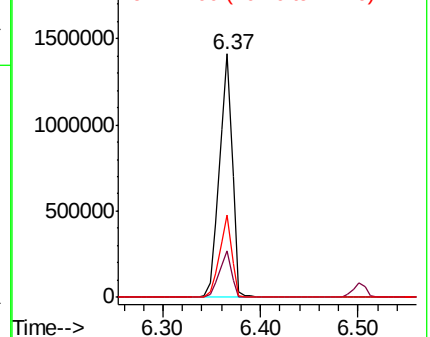
99 100

42 19.1 14.5 21.7

71 33.7 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: 8.758 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Tgt Ion: 70 Resp: 114050

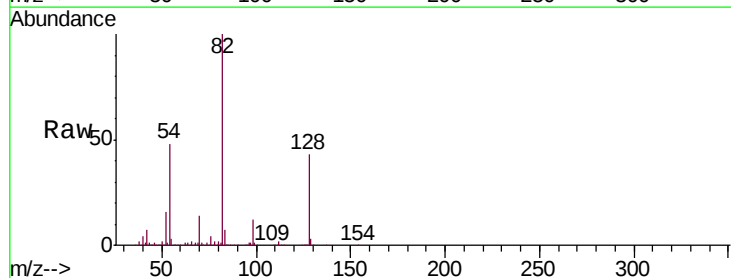
Ion Ratio Lower Upper

70 100

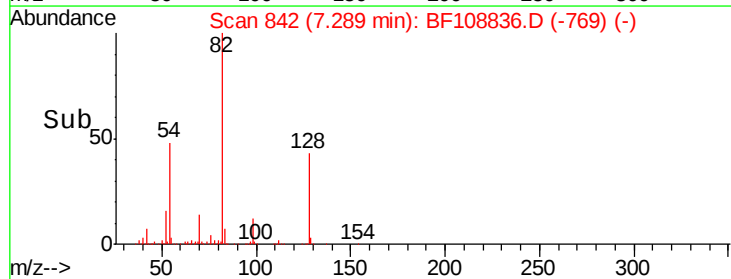
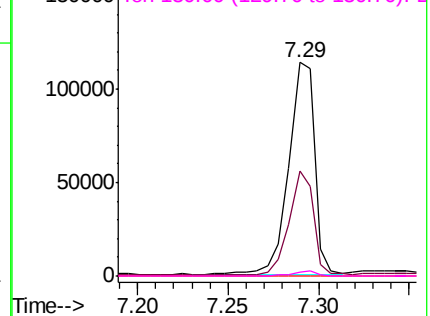
42 49.2 47.5 71.3

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

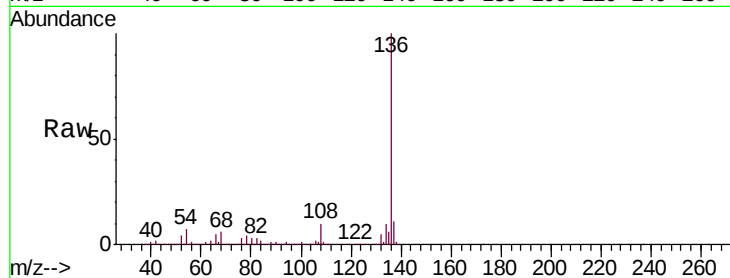




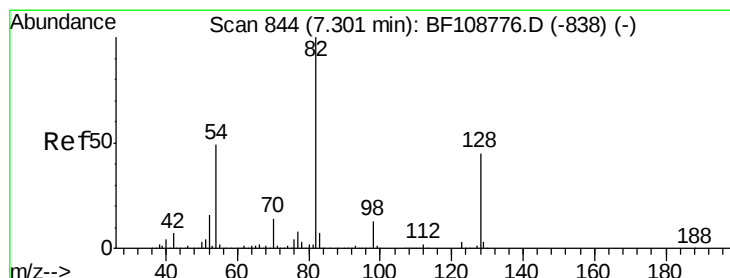
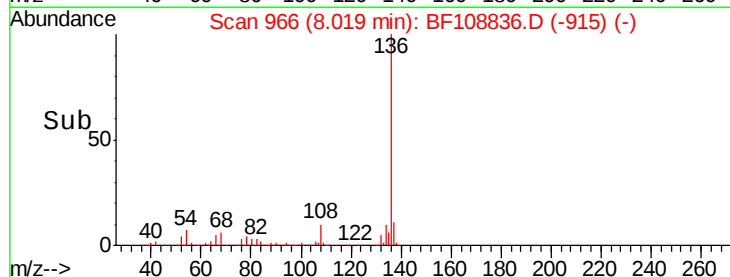
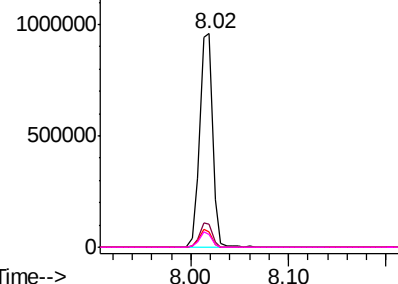
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G7

Tgt Ion:	136	Resp:	885862
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	6.3	5.0	7.4

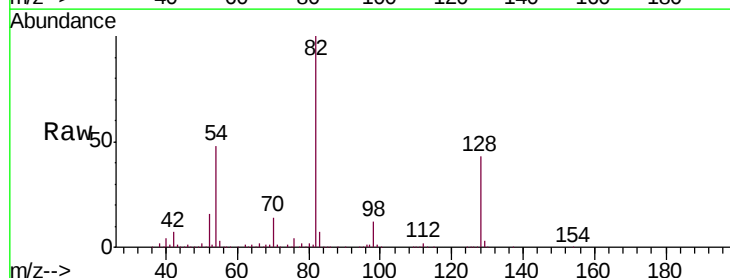


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

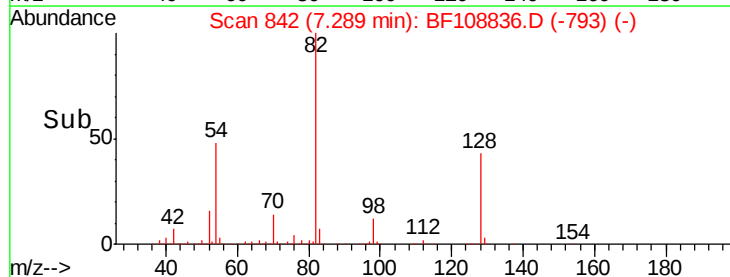
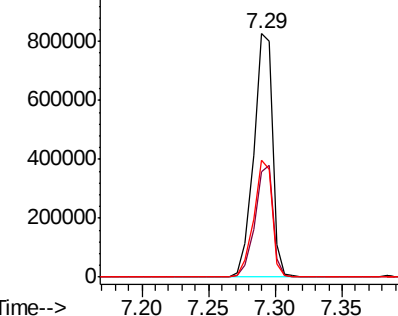


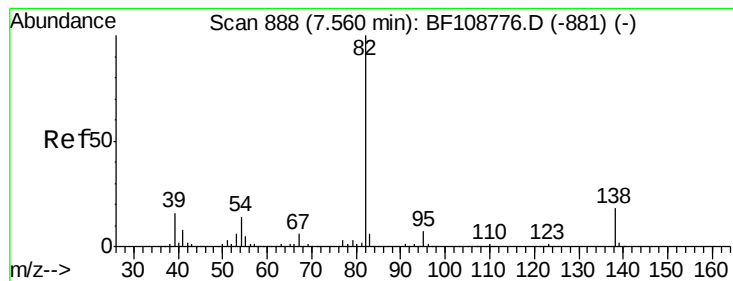
#23
Nitrobenzene-d5
Concen: 57.591 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:	82	Resp:	815233
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.438 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

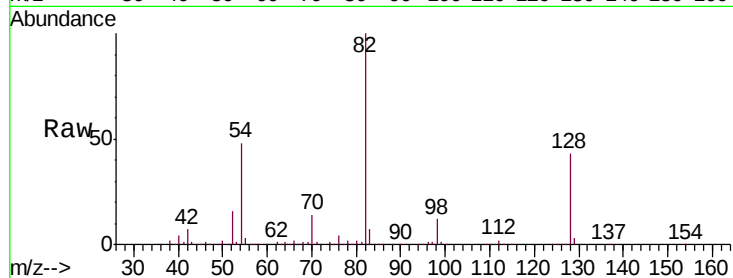
Tgt Ion: 82 Resp: 802976

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

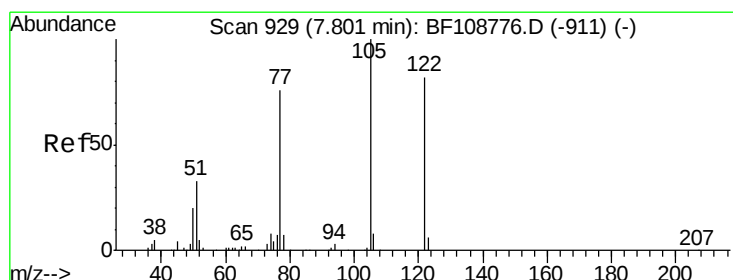
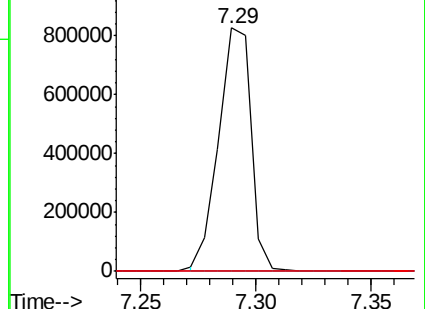
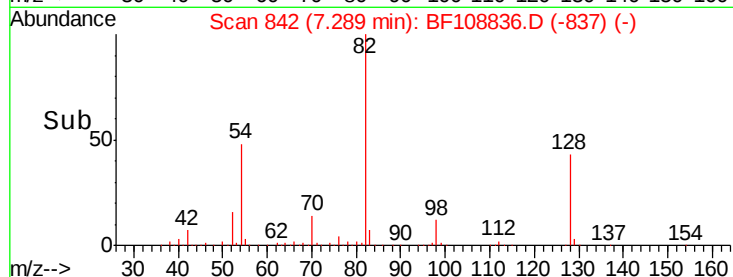
138 0.0 14.9 22.3#



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: 4.034 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

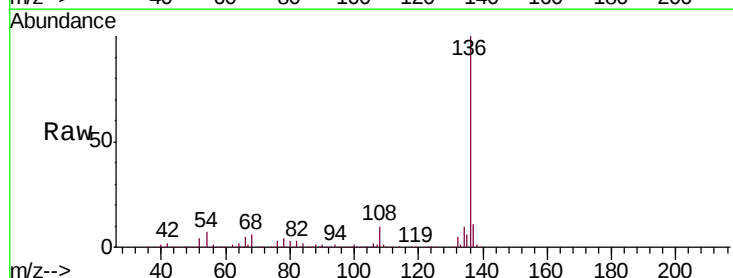
Tgt Ion: 122 Resp: 126

Ion Ratio Lower Upper

122 100

105 369.1 101.1 141.1#

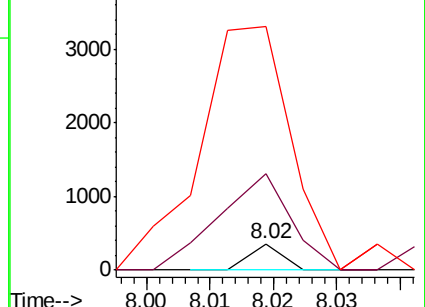
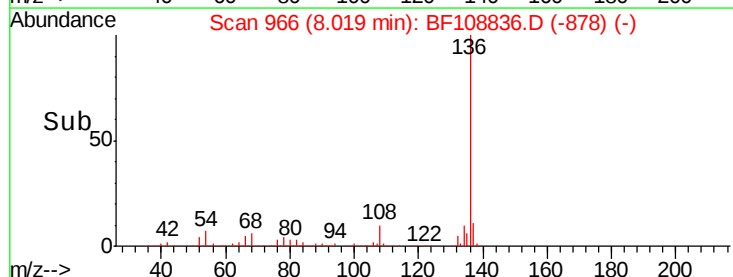
77 928.9 70.7 110.7#

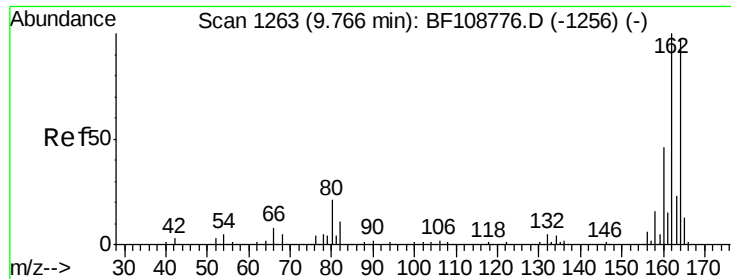


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

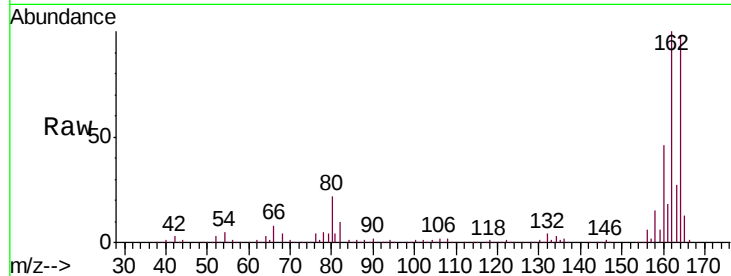




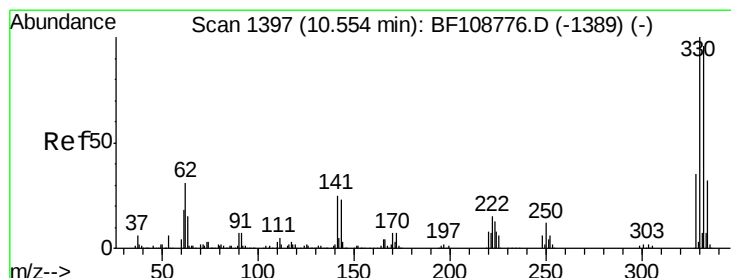
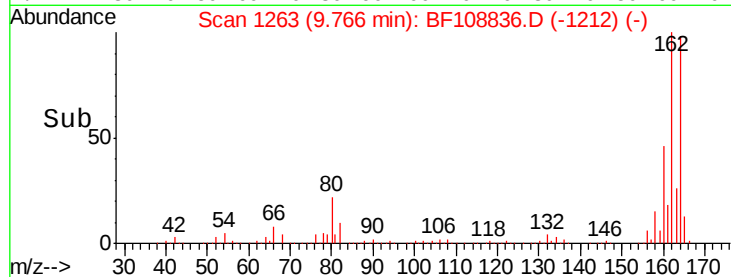
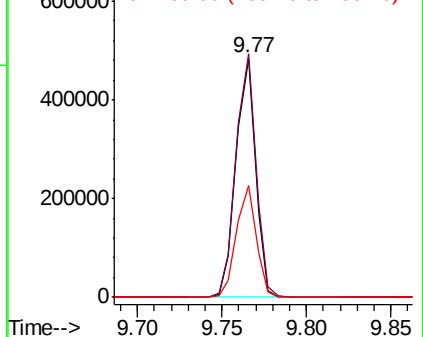
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G7

Tgt Ion:164 Resp: 390733
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.6 38.3 57.5

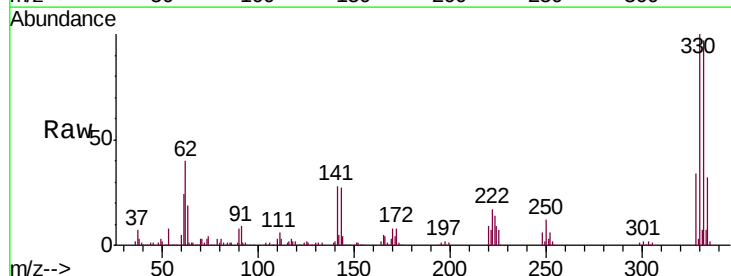


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

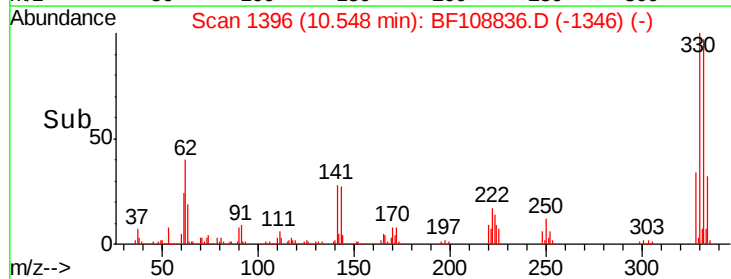
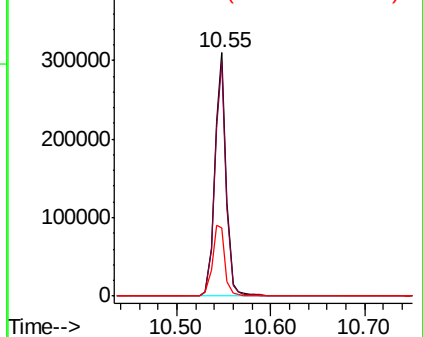


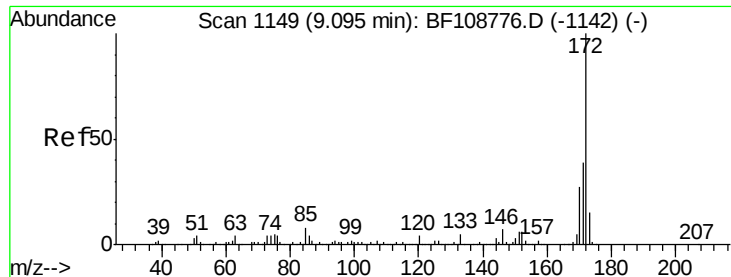
#41
 2,4,6-Tribromophenol
 Concen: 71.492 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

Tgt Ion:330 Resp: 266673
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.4 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

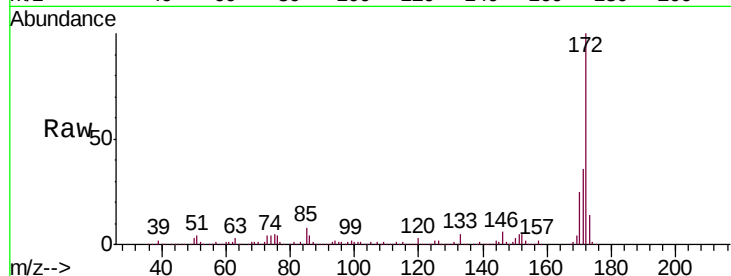




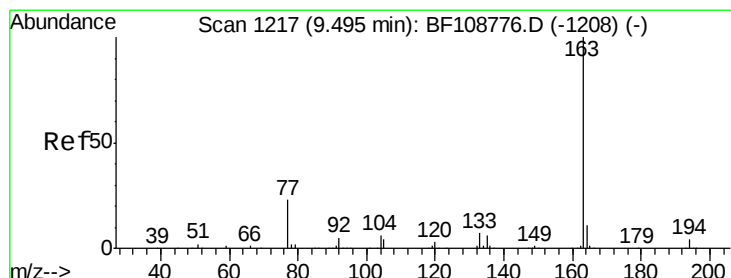
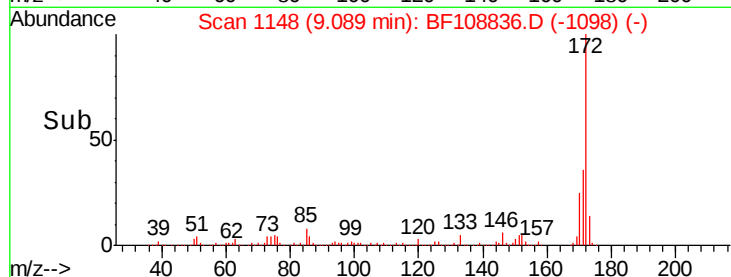
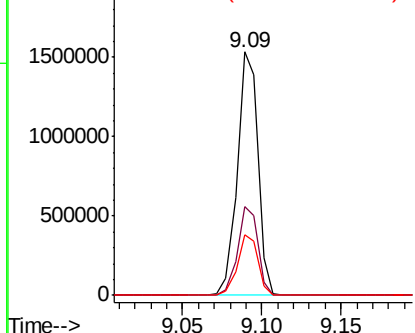
#44
2-Fluorobiphenyl
Concen: 60.495 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion:172 Resp: 1385557
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 25.0 19.6 29.4

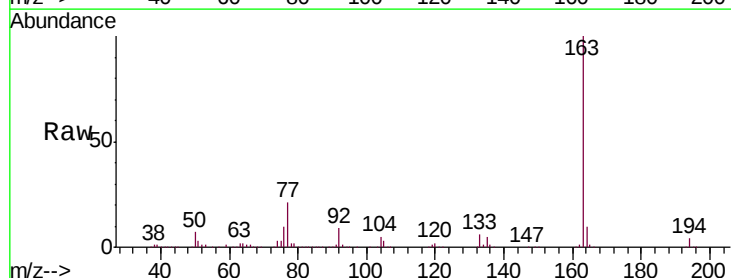


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

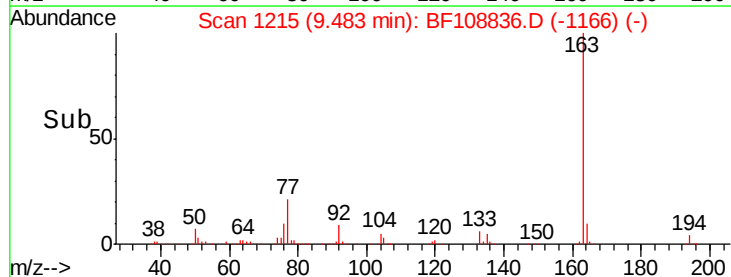
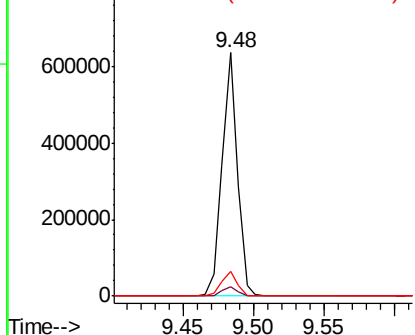


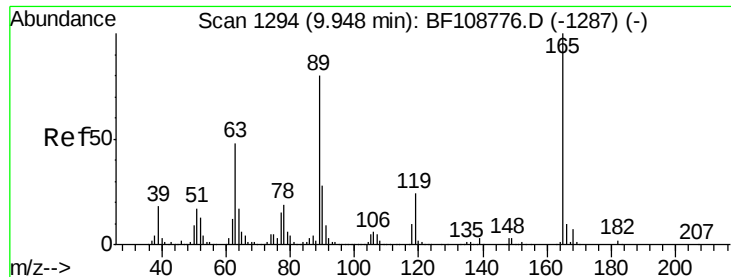
#49
Dimethylphthalate
Concen: 17.641 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Tgt Ion:163 Resp: 482121
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 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

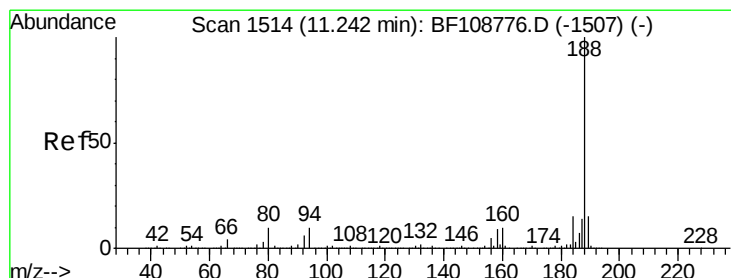
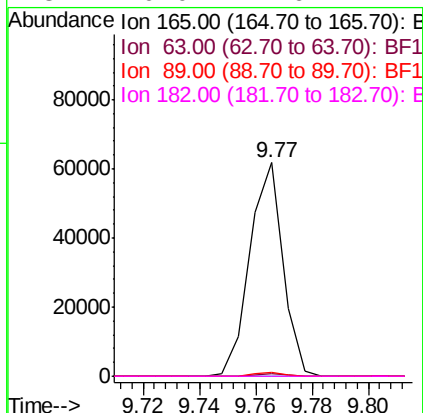
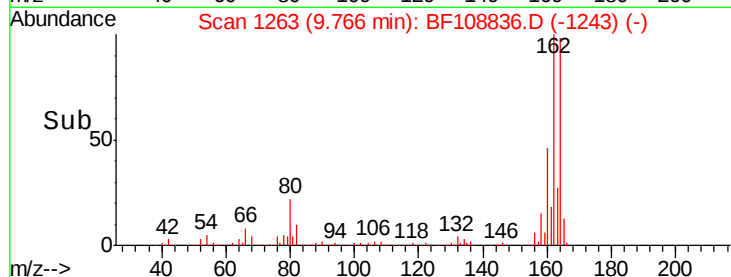
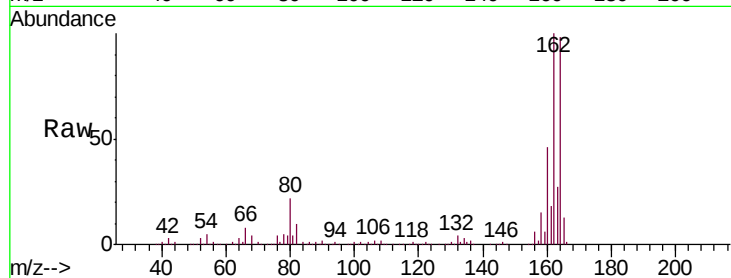




#56
 2,4-Dinitrotoluene
 Concen: 7.585 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

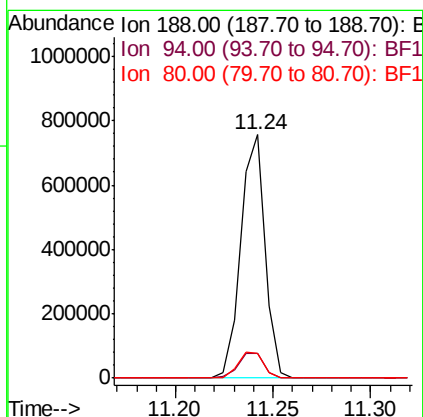
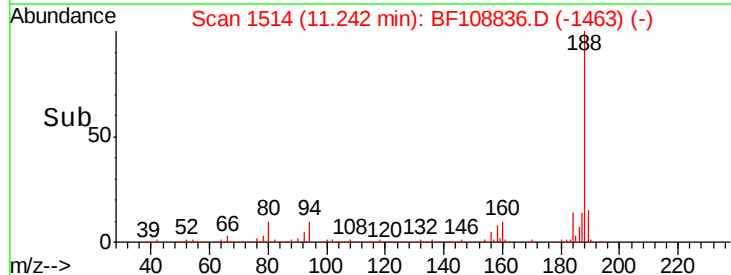
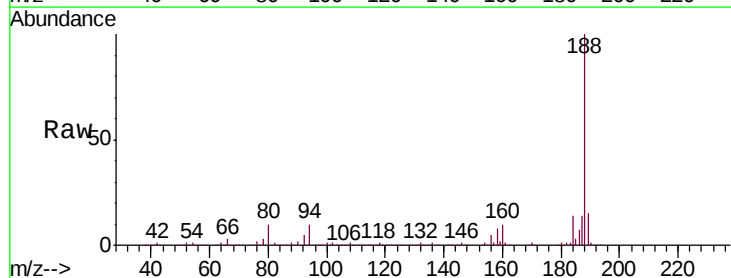
Instrument :
 BNA_F
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 EP1-Q2-G7

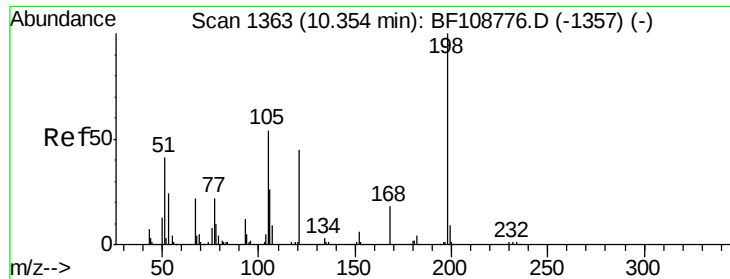
Tgt Ion:	165	Resp:	50512
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108836.D
 Acq: 6 Sep 2018 21:09

Tgt Ion:	188	Resp:	651309
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.021 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

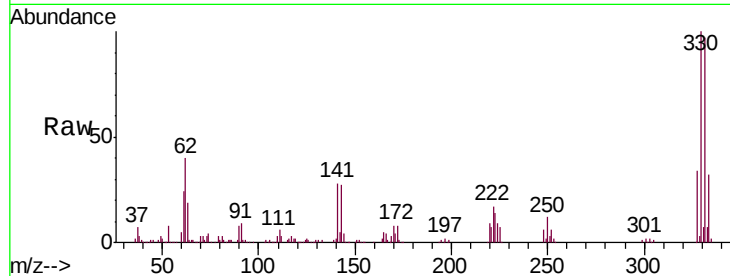
Tgt Ion:198 Resp: 455

Ion Ratio Lower Upper

198 100

51 164.1 37.7 77.7#

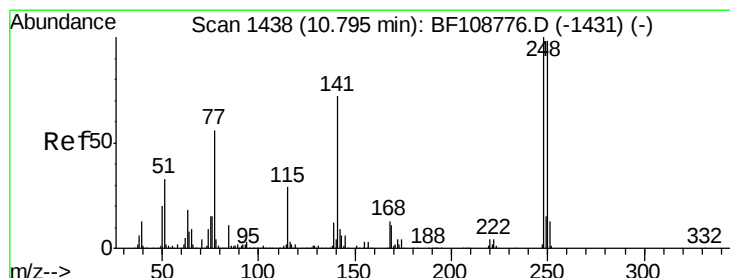
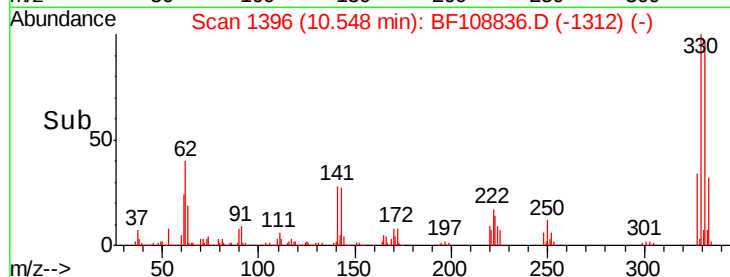
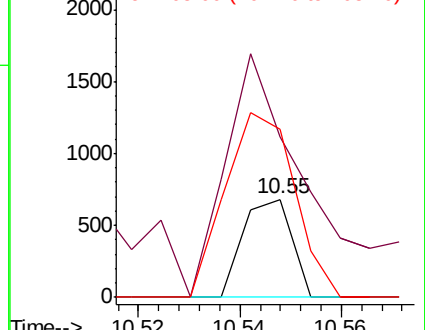
105 170.7 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 2.207 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.25 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

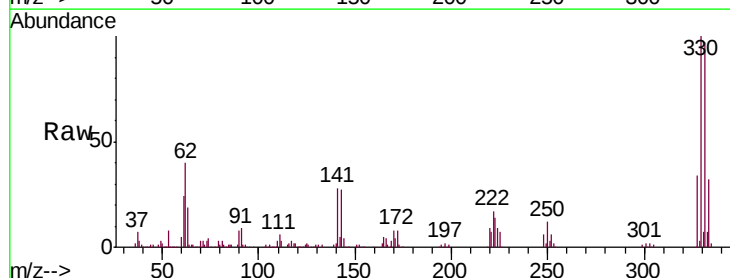
Tgt Ion:248 Resp: 16236

Ion Ratio Lower Upper

248 100

250 195.9 76.9 115.3#

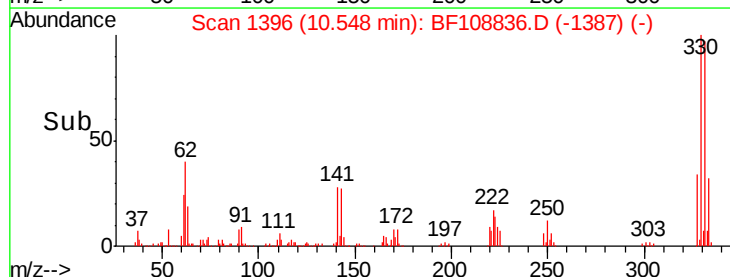
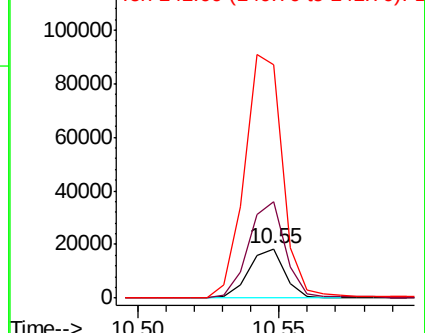
141 474.2 74.4 111.6#

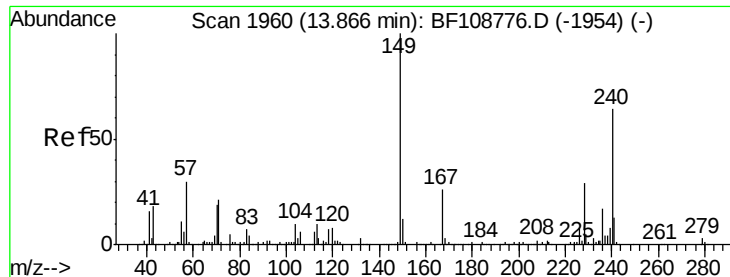


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G7

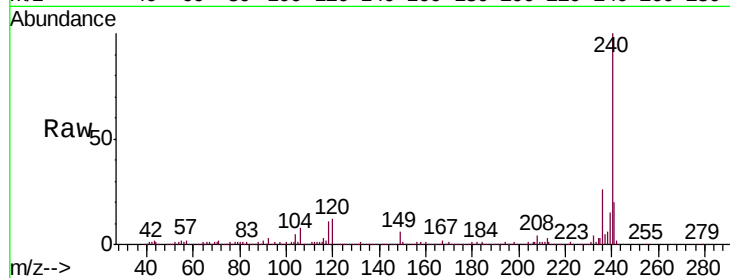
Tgt Ion:240 Resp: 576800

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

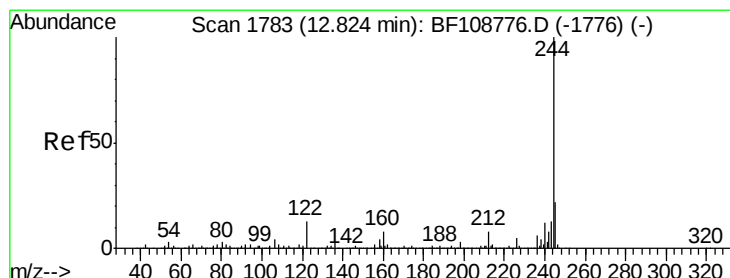
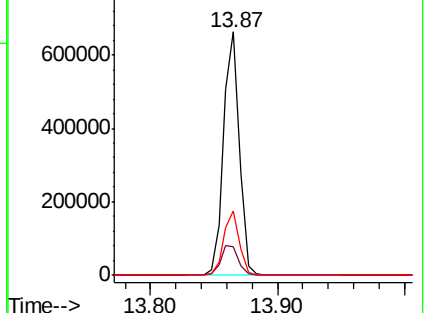
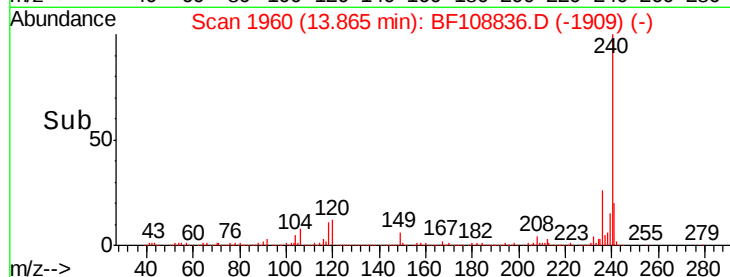
236 26.4 20.7 31.1



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: 45.618 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108836.D

Acq: 6 Sep 2018 21:09

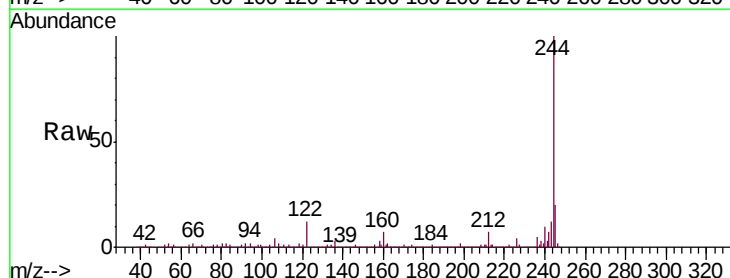
Tgt Ion:244 Resp: 1128370

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

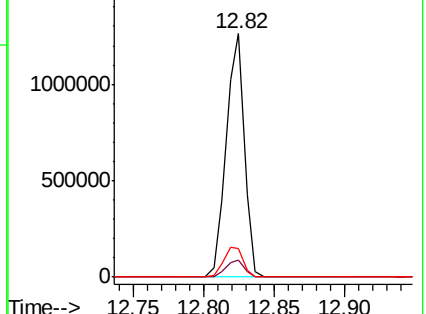
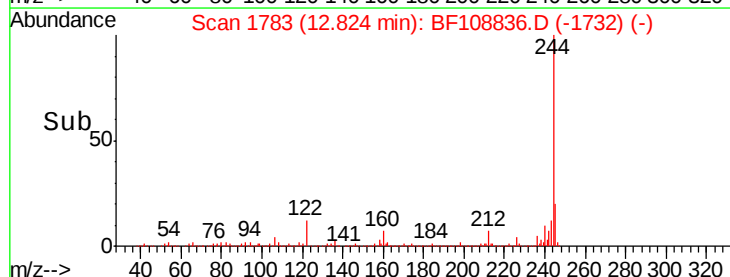
122 11.7 11.0 16.4

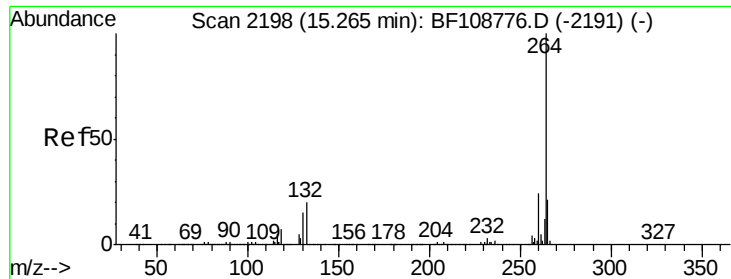


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108836.D
Acq: 6 Sep 2018 21:09

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G7

Tgt Ion: 264 Resp: 661981
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 17.5 26.3

