

Data File : BF108840.D
Acq On : 6 Sep 2018 22:58
Operator : JU/SJ
Sample : J4803-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-I5

Quant Time: Sep 07 01:47:24 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	236735	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	865125	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	383386	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	601654	20.00	ng	0.00
75) Chrysene-d12	13.87	240	546655	20.00	ng	0.00
86) Perylene-d12	15.27	264	637975	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1005956	70.40	ng	0.00
7) Phenol-d6	6.37	99	1266109	68.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	792147	57.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	247878	67.73	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1392004	61.94	ng	0.00
78) Terphenyl-d14	12.82	244	1061958	45.30	ng	0.00

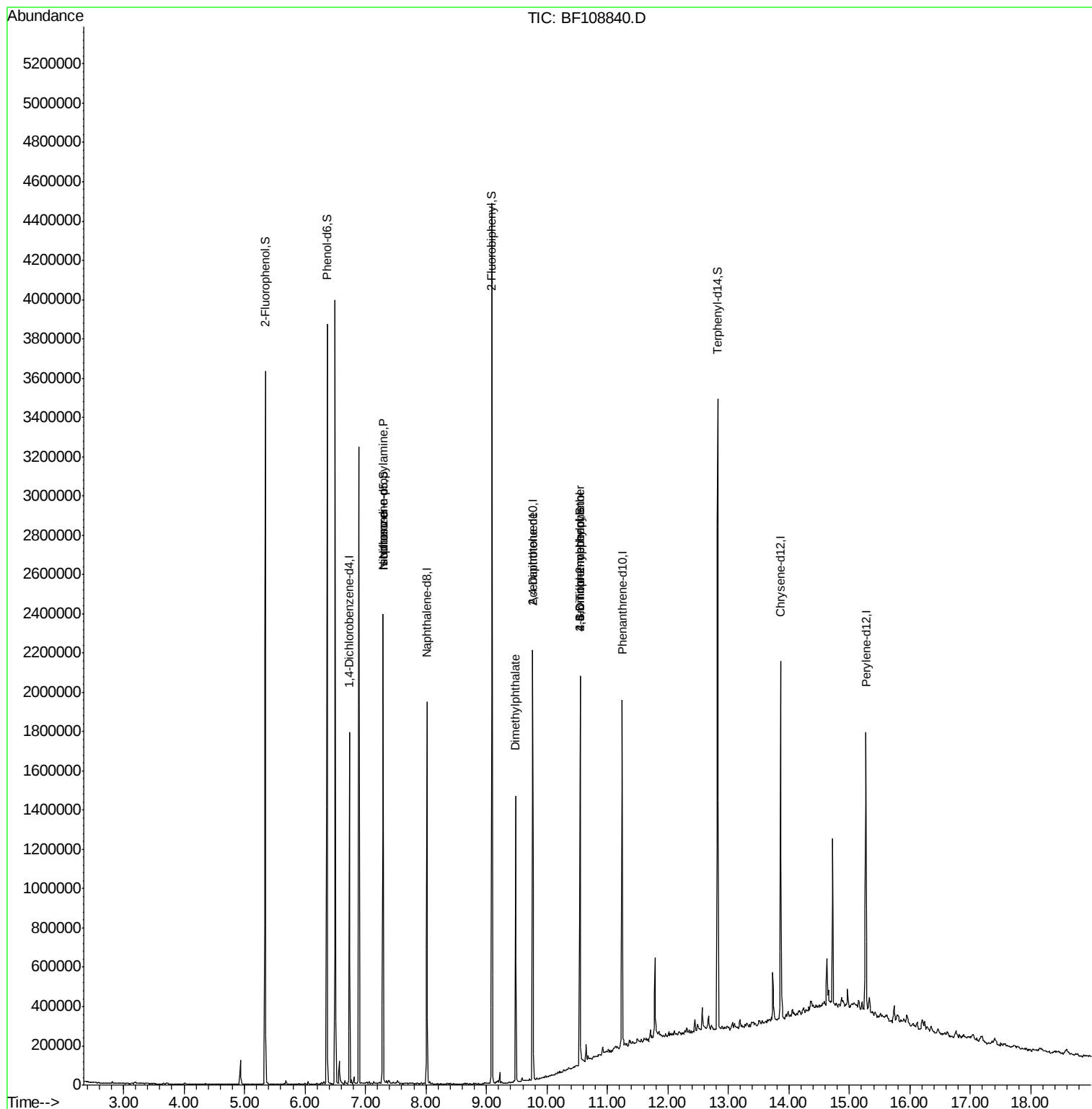
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	106763	8.354	ng	# 78
25) Isophorone	7.29	82	783596	28.417	ng	# 64
49) Dimethylphthalate	9.48	163	492364	18.361	ng	100
56) 2,4-Dinitrotoluene	9.77	165	49497	7.575	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	469	7.038	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15367	2.261	ng	# 1

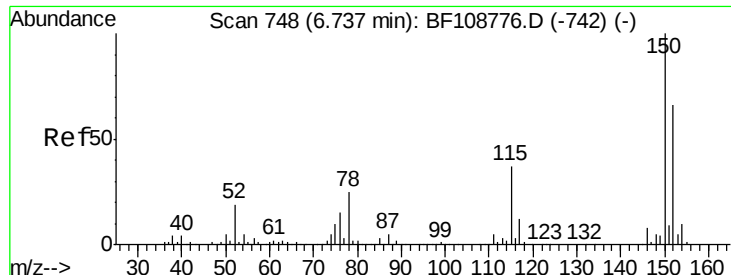
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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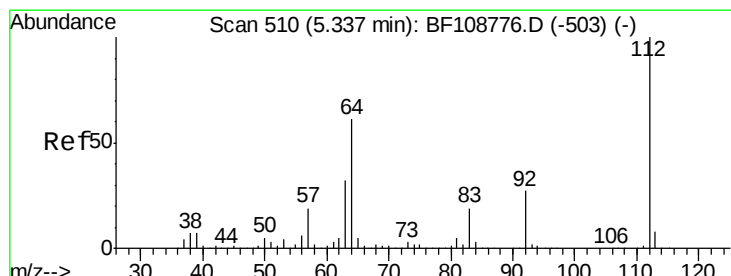
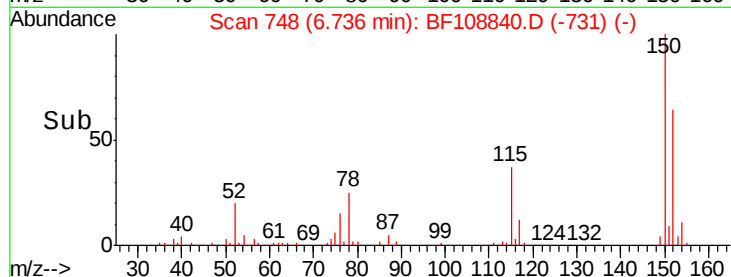
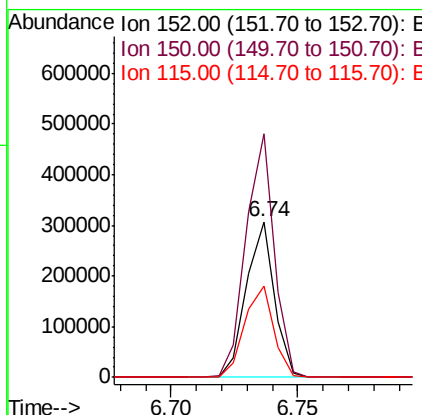
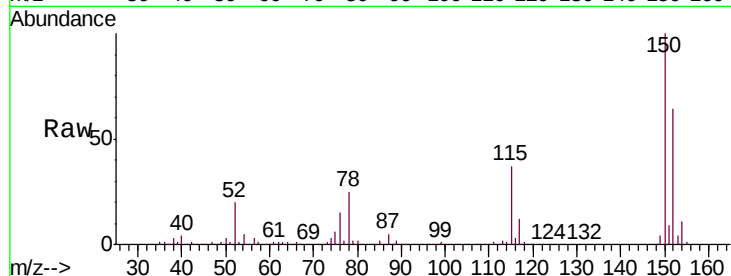




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108840.D
 Acq: 6 Sep 2018 22:58

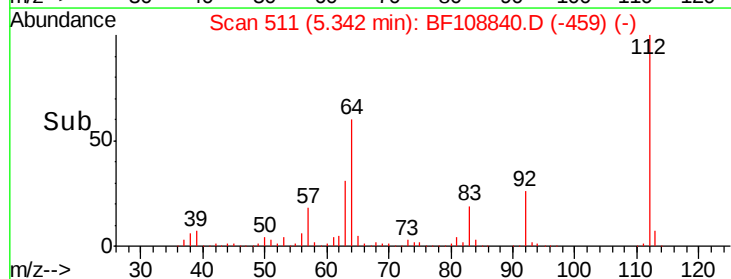
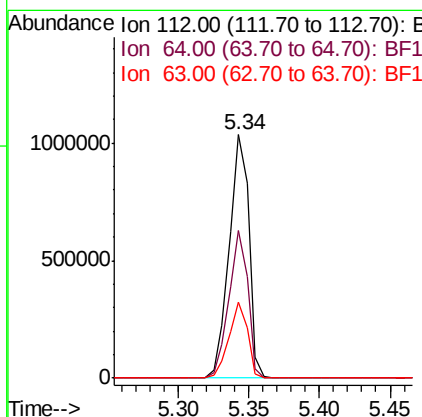
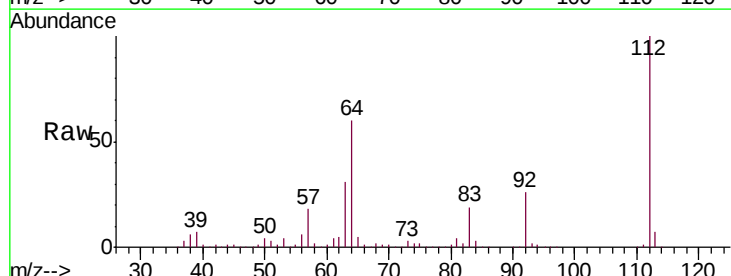
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I5

Tgt Ion:152 Resp: 236735
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 58.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 70.397 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108840.D
 Acq: 6 Sep 2018 22:58

Tgt Ion:112 Resp: 1005956
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 68.862 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108840.D

Acq: 6 Sep 2018 22:58

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I5

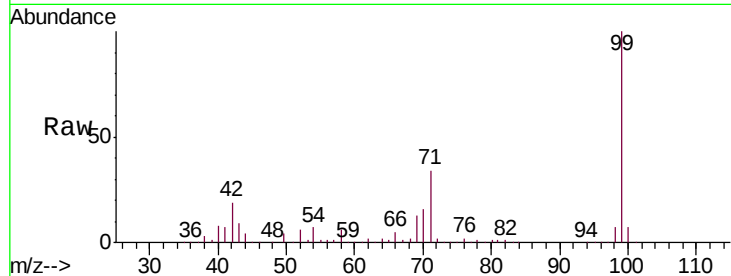
Tgt Ion: 99 Resp: 1266109

Ion Ratio Lower Upper

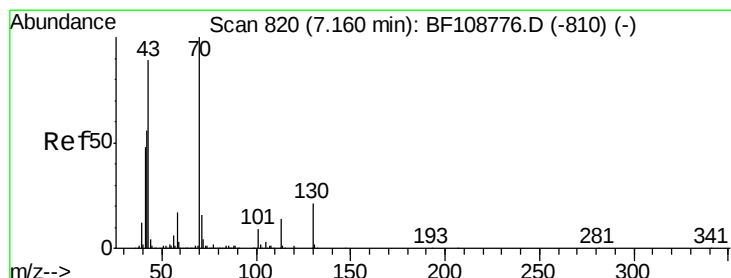
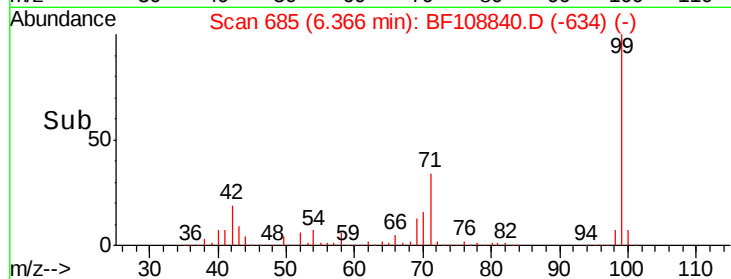
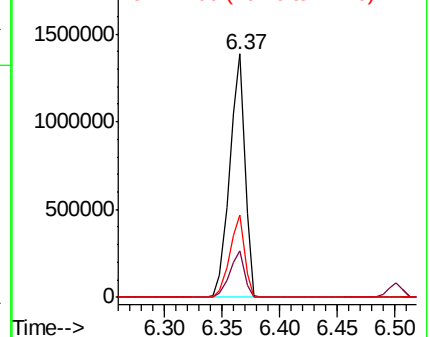
99 100

42 19.0 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: 8.354 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108840.D

Acq: 6 Sep 2018 22:58

Tgt Ion: 70 Resp: 106763

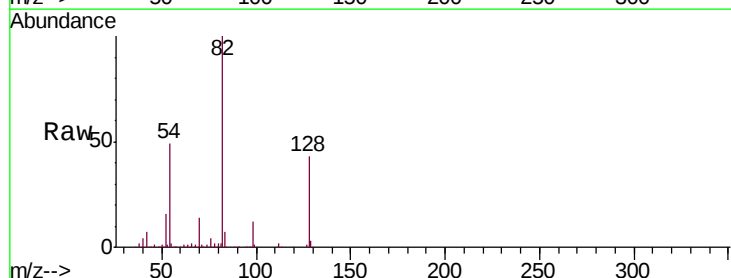
Ion Ratio Lower Upper

70 100

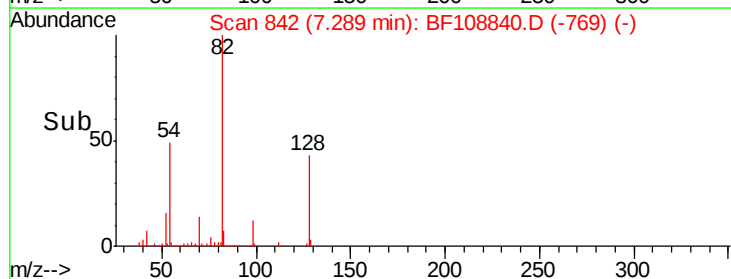
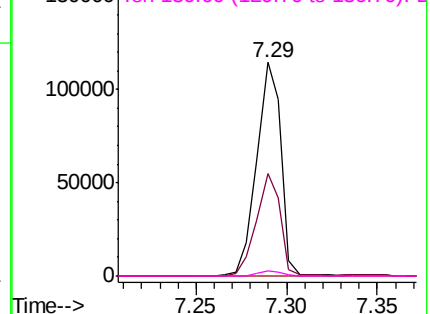
42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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

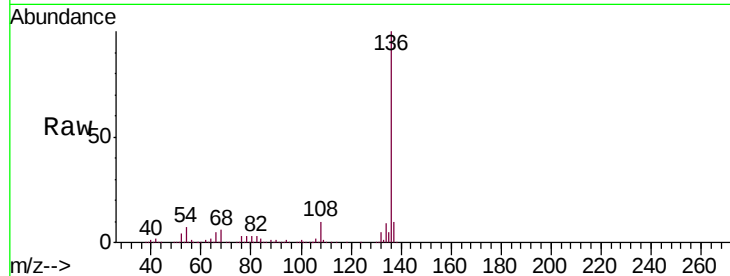




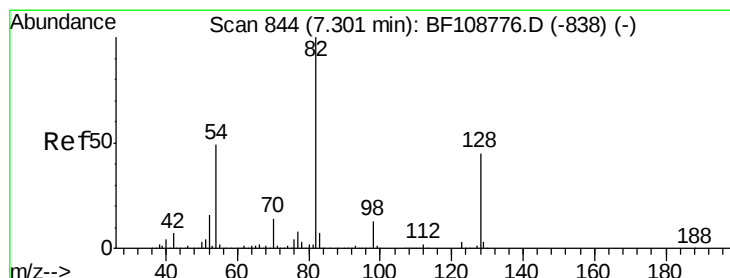
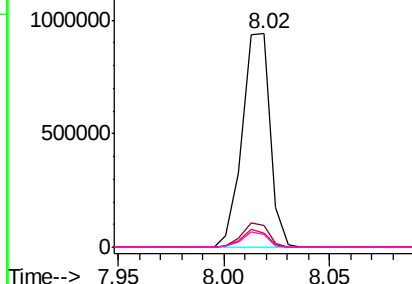
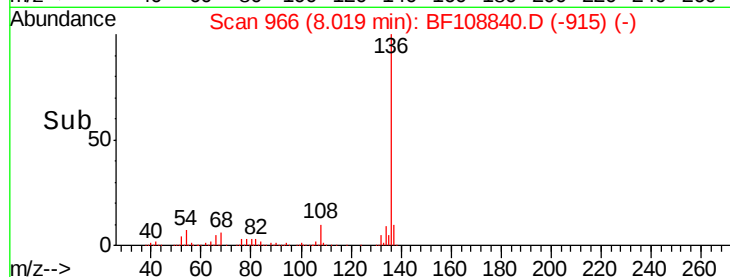
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108840.D
Acq: 6 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-I5

Tgt Ion:	136	Resp:	865125
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4

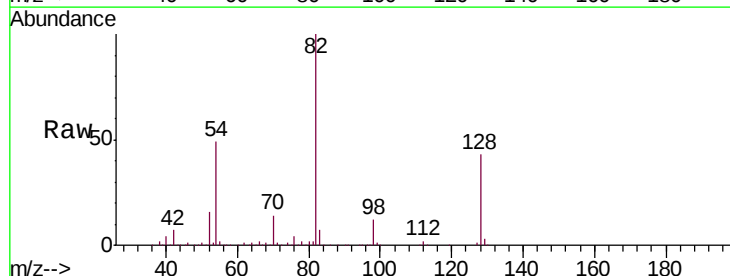


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

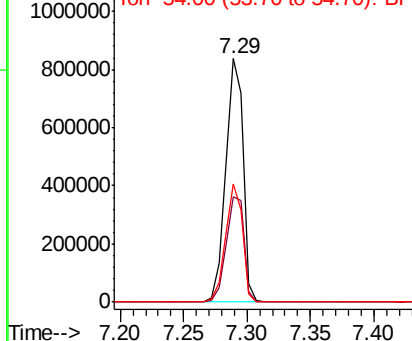
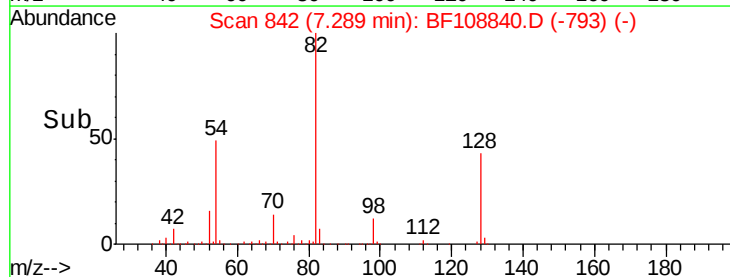


#23
Nitrobenzene-d5
Concen: 57.302 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108840.D
Acq: 6 Sep 2018 22:58

Tgt Ion:	82	Resp:	792147
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	48.6	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: 28.417 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108840.D

Acq: 6 Sep 2018 22:58

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I5

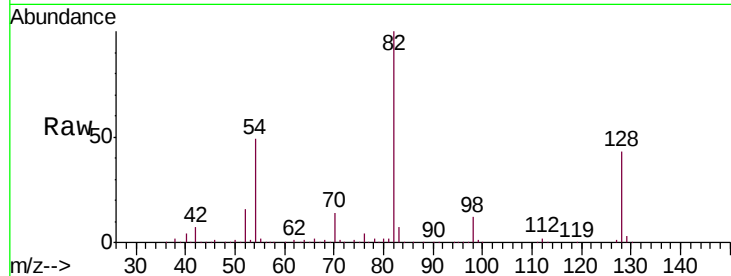
Tgt Ion: 82 Resp: 783596

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

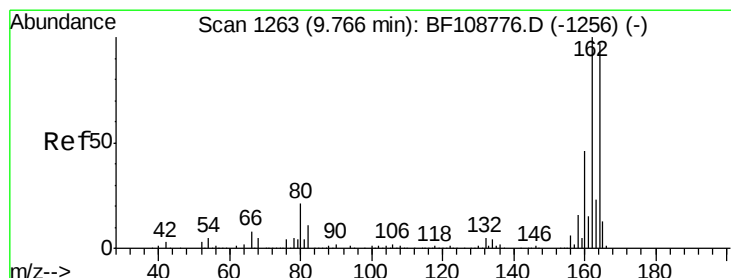
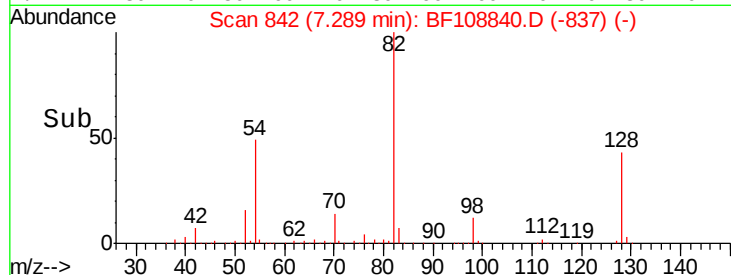
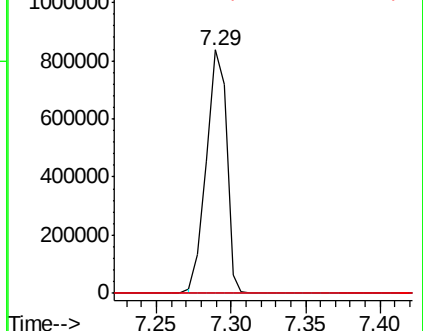
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108840.D

Acq: 6 Sep 2018 22:58

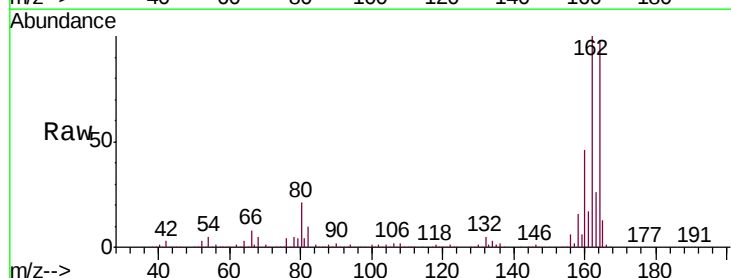
Tgt Ion: 164 Resp: 383386

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

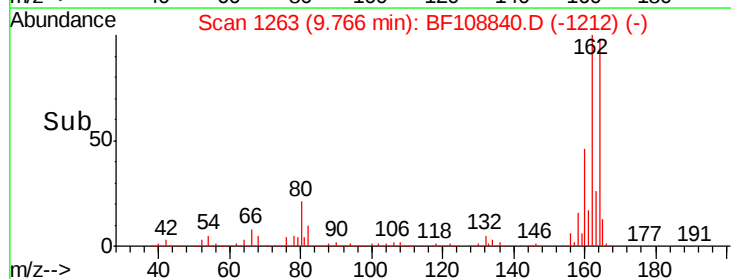
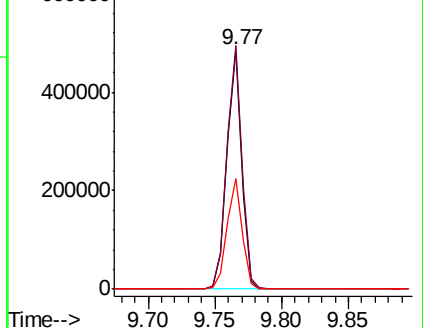
160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

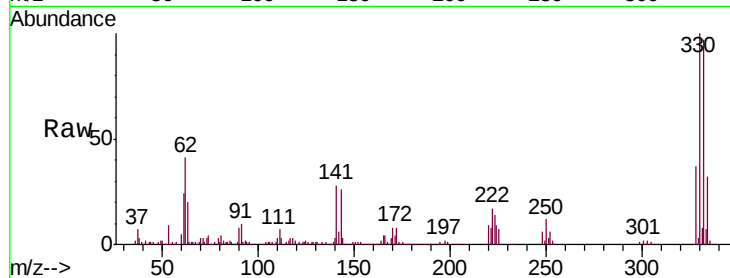




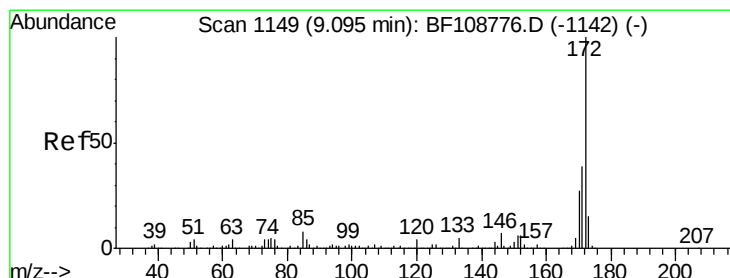
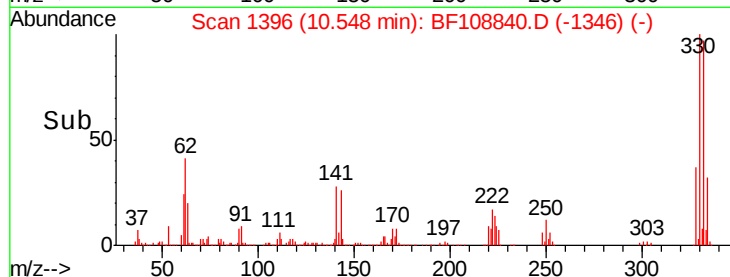
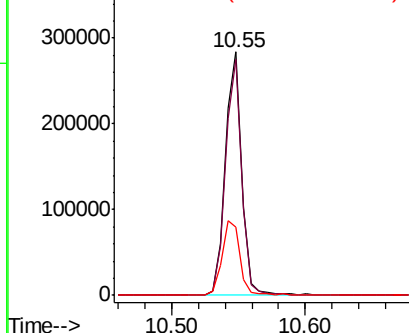
#41
 2,4,6-Tribromophenol
 Concen: 67.726 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108840.D
 Acq: 6 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I5

Tgt Ion:330 Resp: 247878
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.5 29.9 44.9

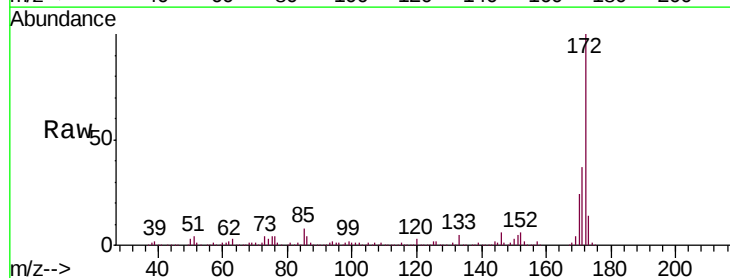


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

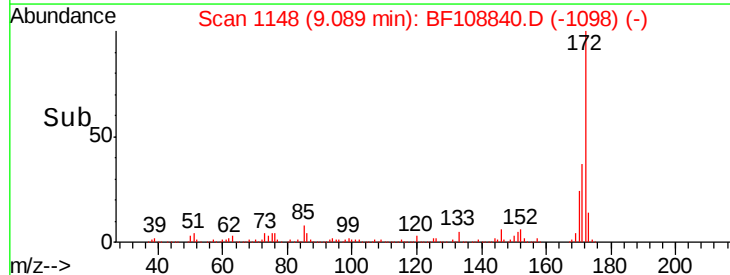
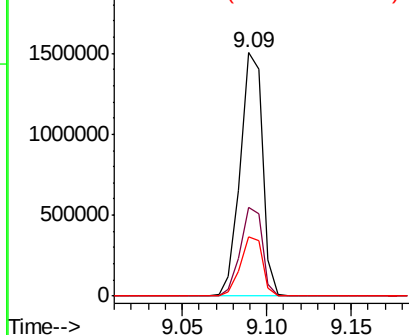


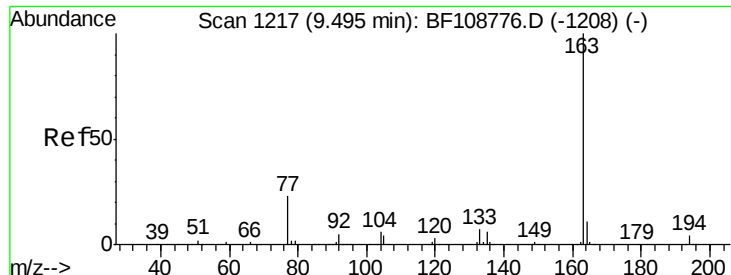
#44
 2-Fluorobiphenyl
 Concen: 61.941 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108840.D
 Acq: 6 Sep 2018 22:58

Tgt Ion:172 Resp: 1392004
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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

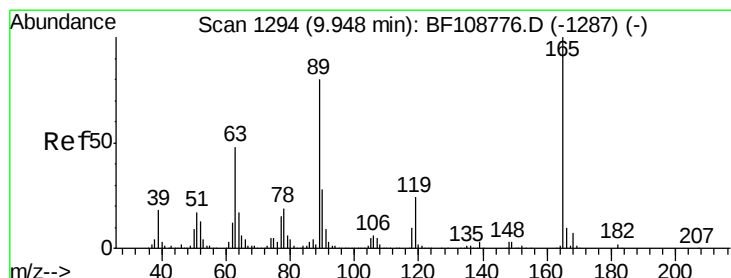
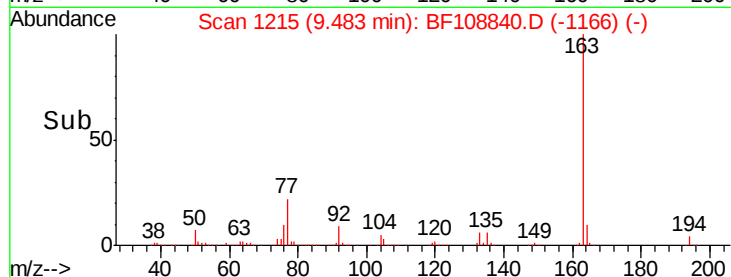
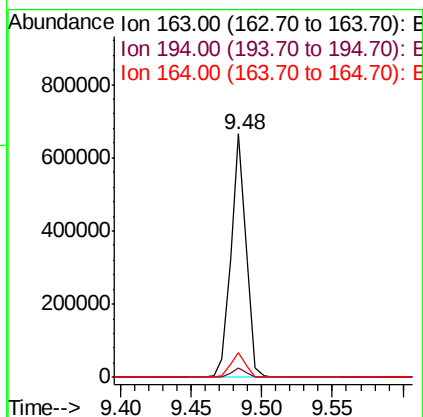
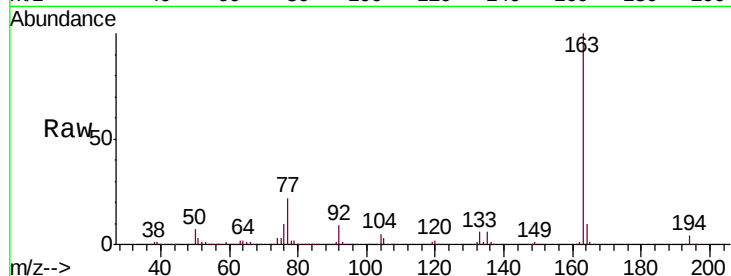




#49
Dimethylphthalate
Concen: 18.361 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108840.D
Acq: 6 Sep 2018 22:58

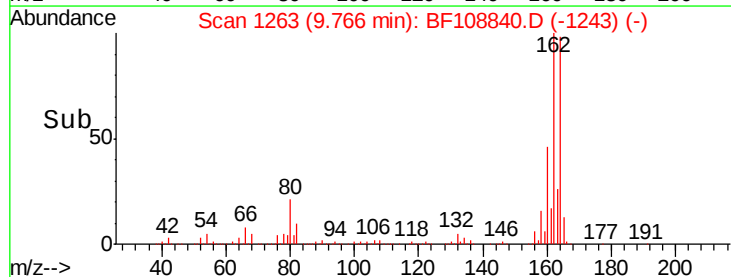
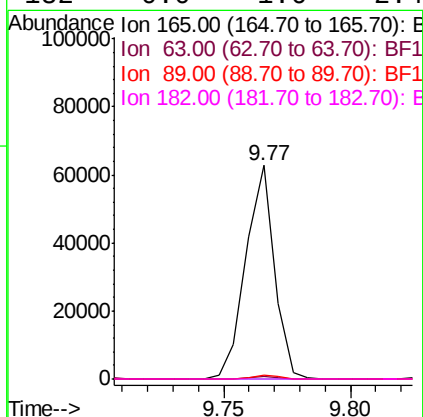
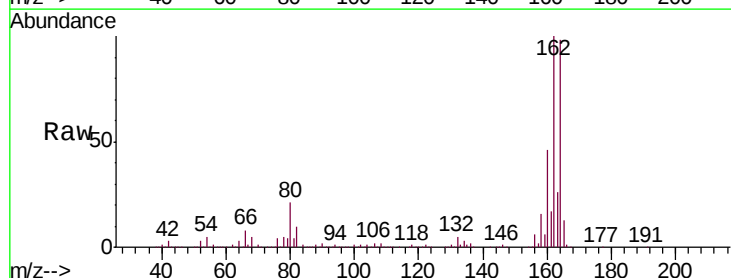
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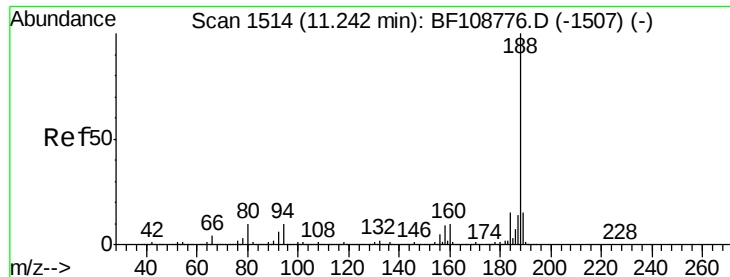
Tgt Ion:163 Resp: 492364
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.575 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108840.D
Acq: 6 Sep 2018 22:58

Tgt Ion:165 Resp: 49497
Ion Ratio Lower Upper
165 100
63 0.9 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

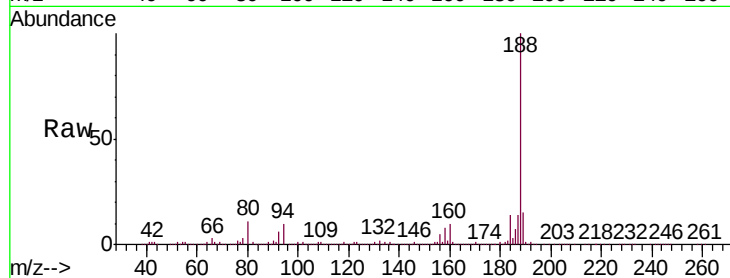




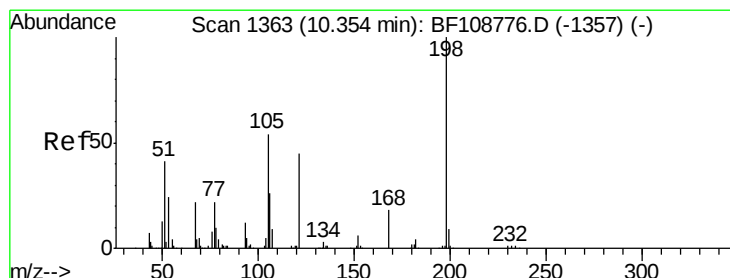
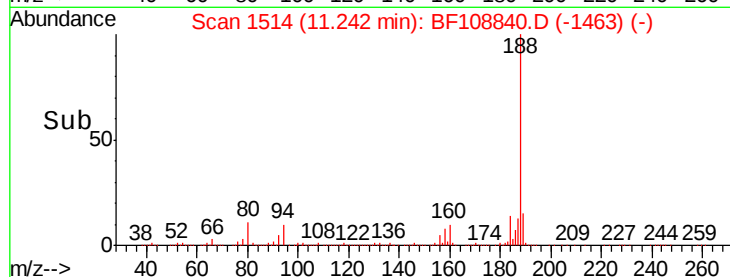
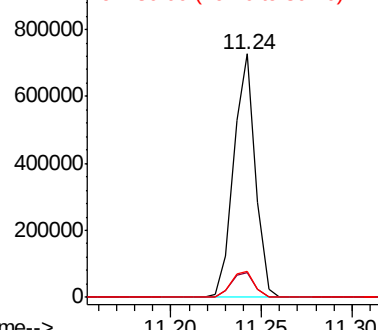
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108840.D
 Acq: 6 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I5

Tgt Ion:188 Resp: 601654
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.9 9.2 13.8

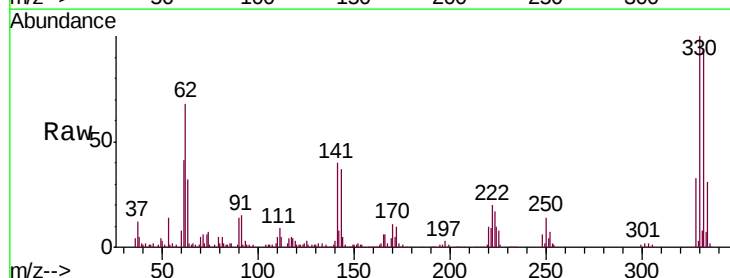


Abundance Ion 188.00 (187.70 to 188.70): E
 1000000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.038 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.19 min
 Lab File: BF108840.D
 Acq: 6 Sep 2018 22:58

Tgt Ion:198 Resp: 469
 Ion Ratio Lower Upper
 198 100
 51 205.5 37.7 77.7#
 105 332.2 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 4000 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

