

Data File : BF108842.D
Acq On : 6 Sep 2018 23:52
Operator : JU/SJ
Sample : J4803-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6

Quant Time: Sep 07 01:47:52 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

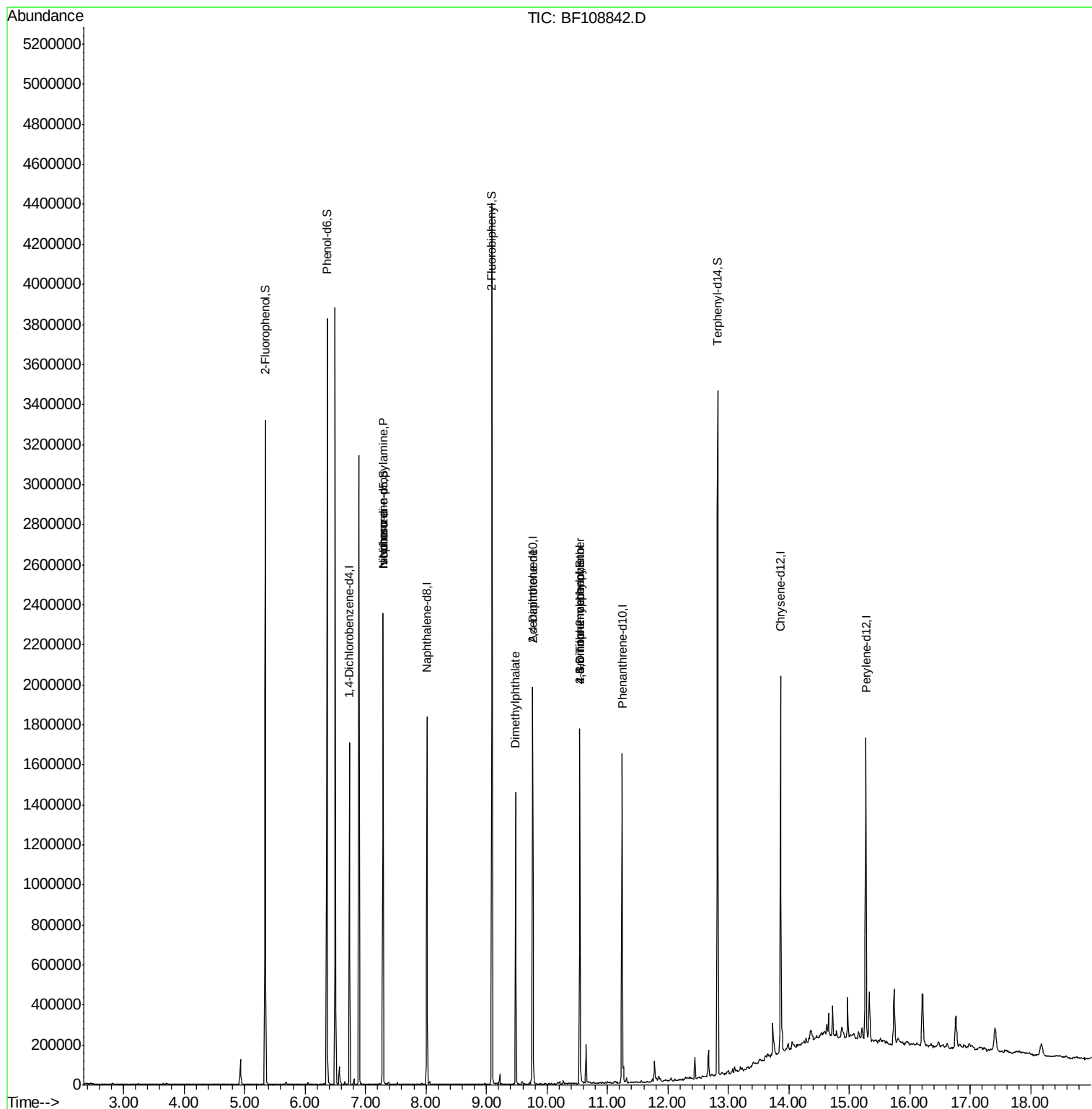
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	227034	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	826344	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	355672	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	566794	20.00	ng	0.00
75) Chrysene-d12	13.87	240	563921	20.00	ng	0.00
86) Perylene-d12	15.27	264	641514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	995973	72.68	ng	0.00
7) Phenol-d6	6.37	99	1265044	71.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	785166	59.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	217320	64.00	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1345094	64.52	ng	0.00
78) Terphenyl-d14	12.82	244	1098009	45.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	106990	8.729	ng	# 76
25) Isophorone	7.29	82	782705	29.717	ng	# 64
49) Dimethylphthalate	9.48	163	501870	20.174	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	44537	7.347	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	564	7.085	ng	# 12
66) 4-Bromophenyl-phenylether	10.55	248	13368	2.088	ng	# 1

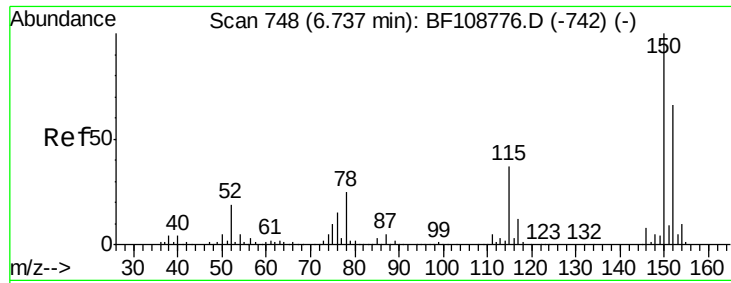
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_F

ClientSampleId :

EP1-Q2-J6

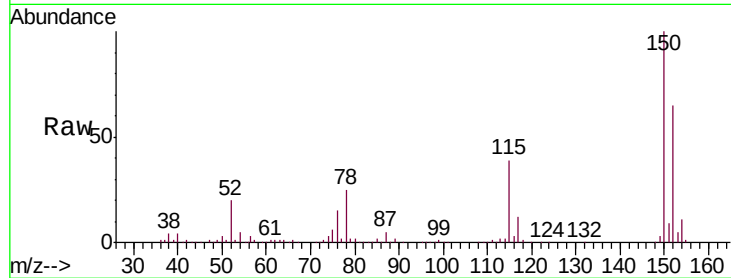
Tgt Ion:152 Resp: 227034

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

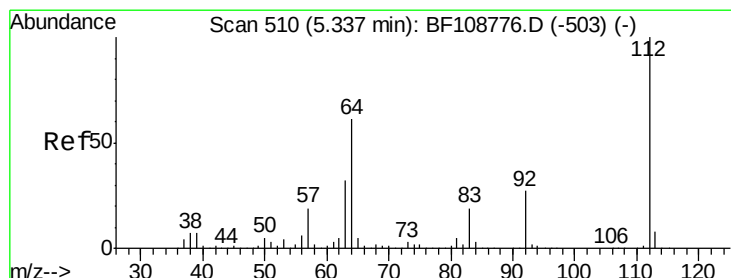
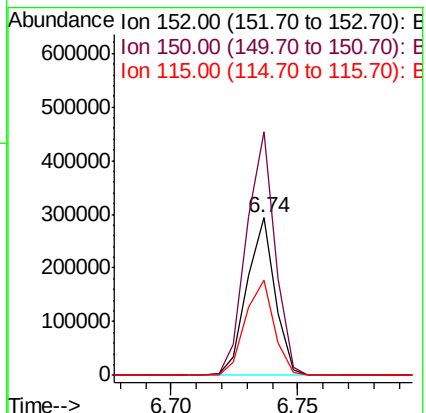
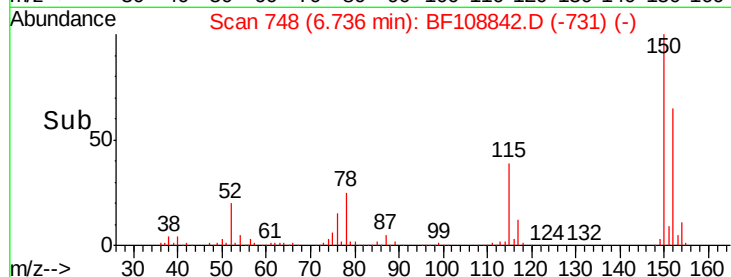
115 60.8 50.1 75.1



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: 72.676 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

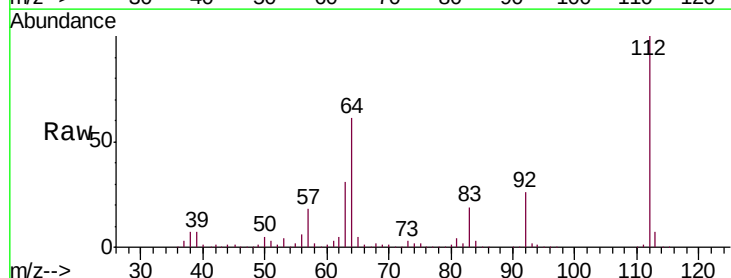
Tgt Ion:112 Resp: 995973

Ion Ratio Lower Upper

112 100

64 60.6 47.9 71.9

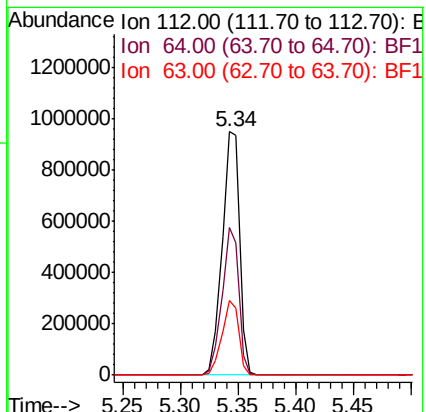
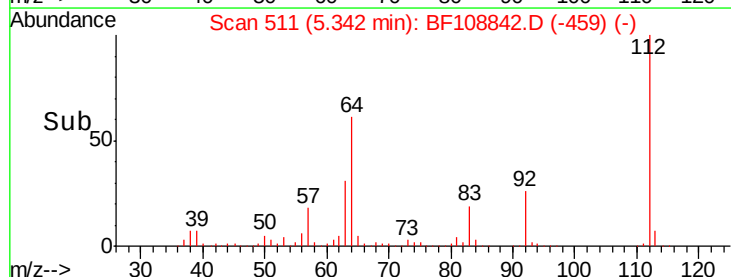
63 30.8 23.7 35.5

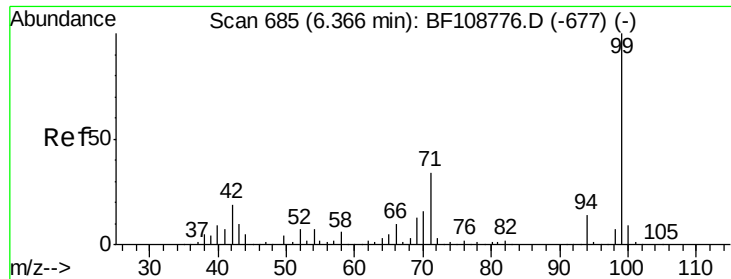


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 71.744 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Instrument :

BNA_F

ClientSampled :

EP1-Q2-J6

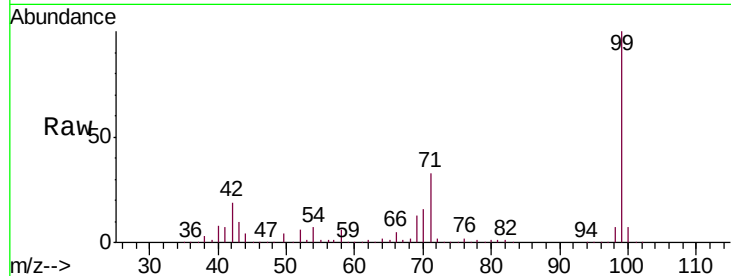
Tgt Ion: 99 Resp: 1265044

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

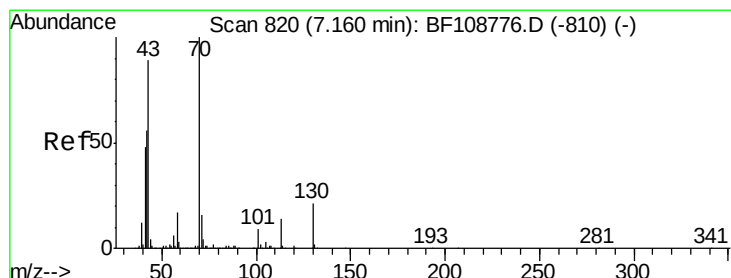
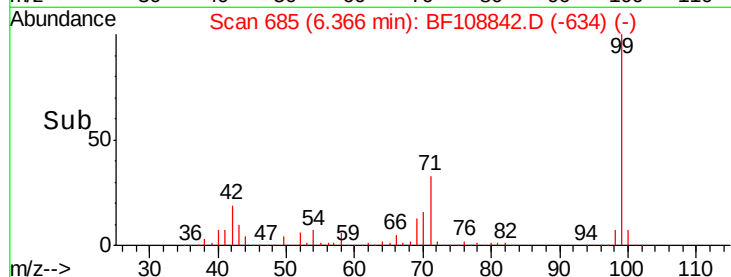
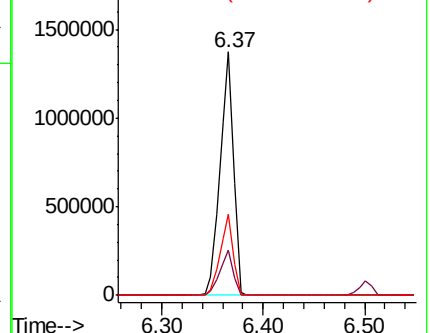
71 33.3 25.4 38.0



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: 8.729 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Tgt Ion: 70 Resp: 106990

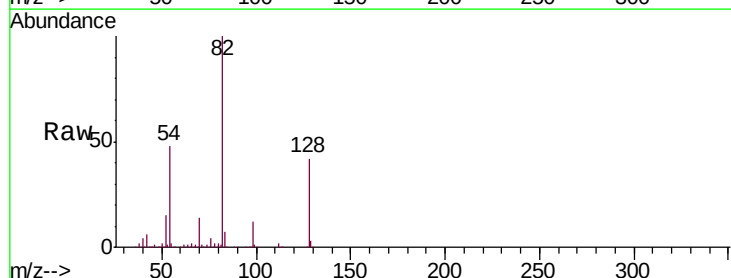
Ion Ratio Lower Upper

70 100

42 45.6 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

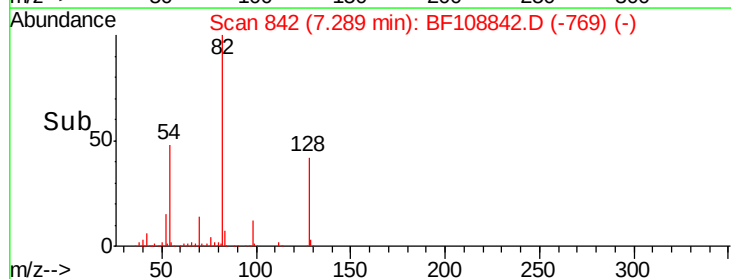
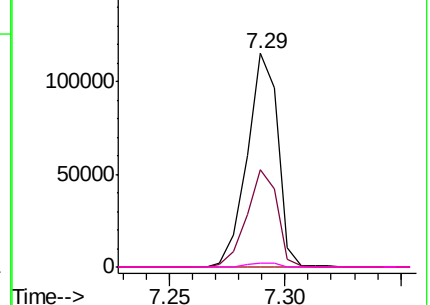


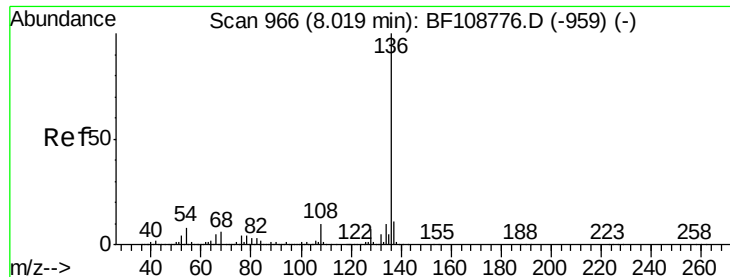
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

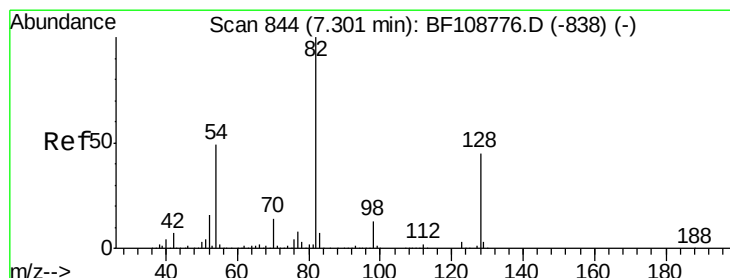
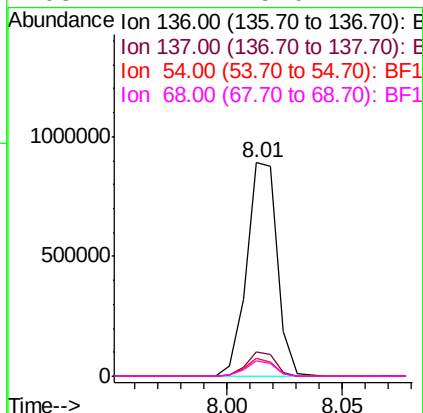
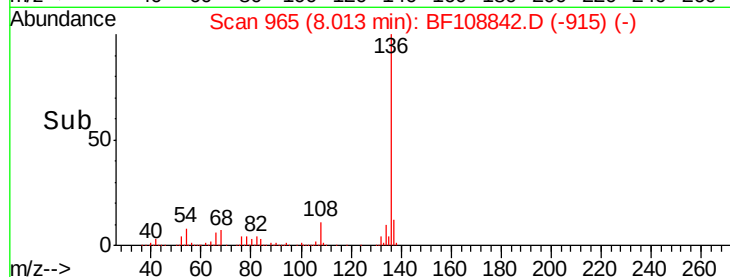
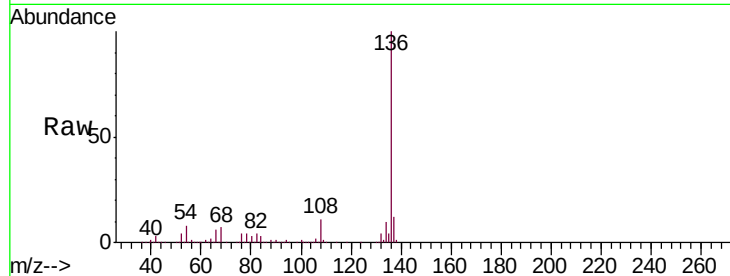




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

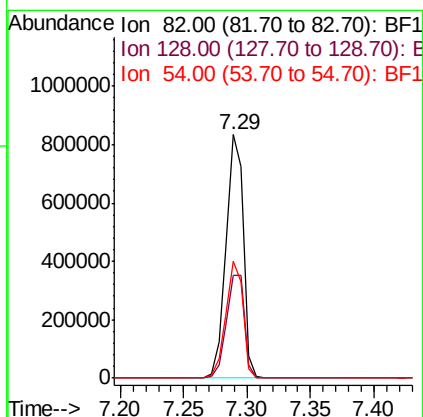
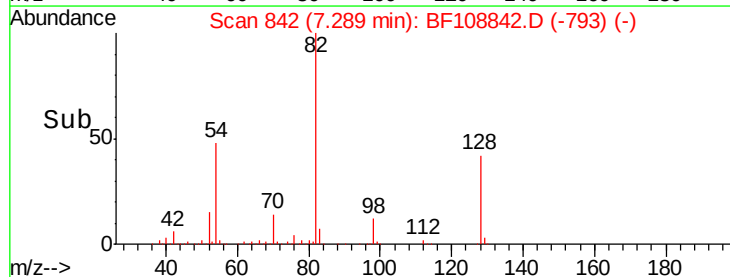
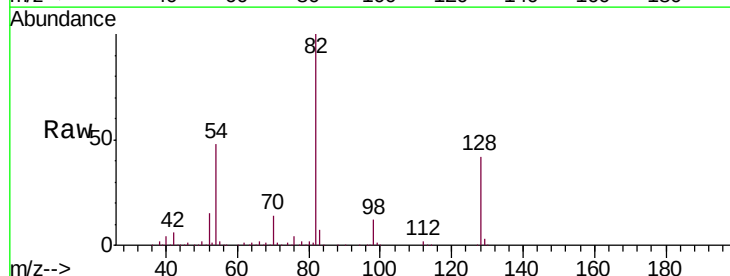
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6

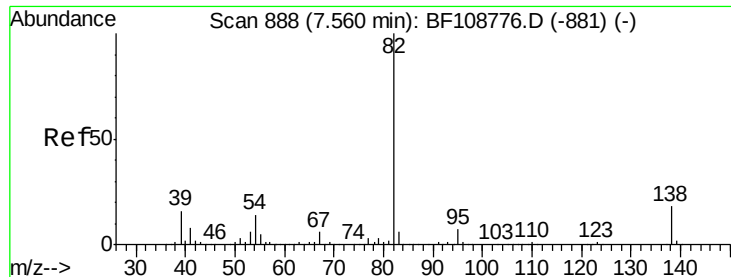
Tgt Ion:	136	Resp:	826344
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.5	6.6	9.8
68	7.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 59.462 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Tgt Ion:	82	Resp:	785166
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	48.0	41.4	62.2





#25

Isophorone

Concen: 29.717 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108842.D

Acq: 6 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-J6

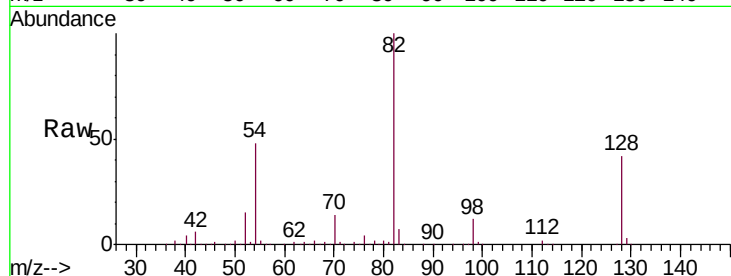
Tgt Ion: 82 Resp: 782705

Ion Ratio Lower Upper

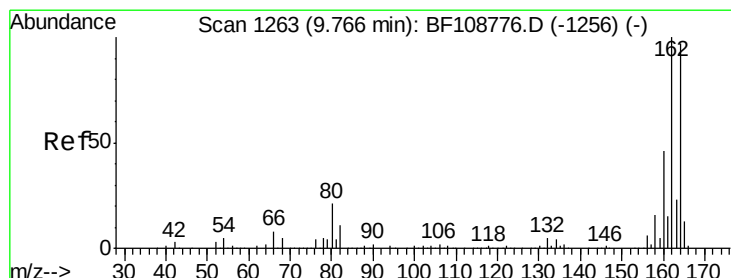
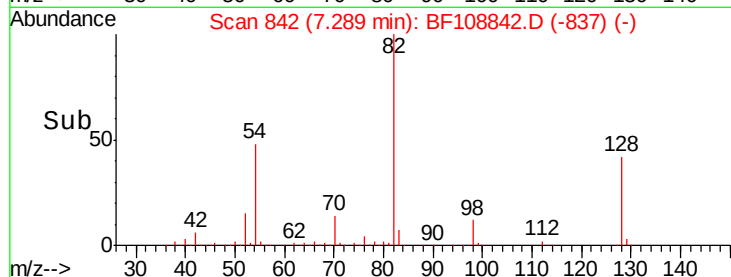
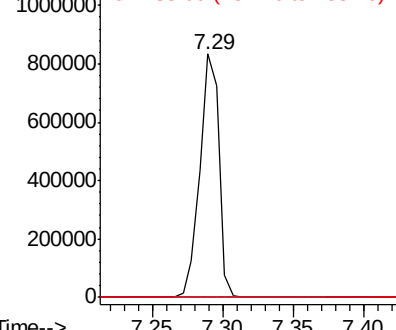
82 100

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: BF108842.D

Acq: 6 Sep 2018 23:52

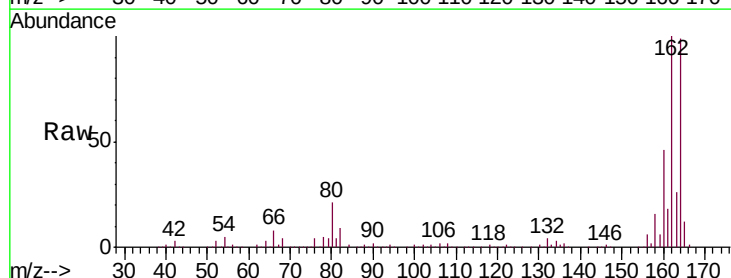
Tgt Ion: 164 Resp: 355672

Ion Ratio Lower Upper

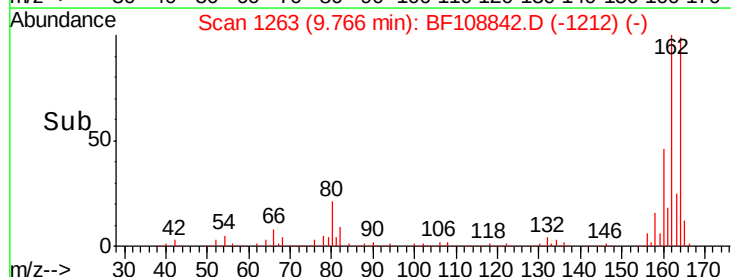
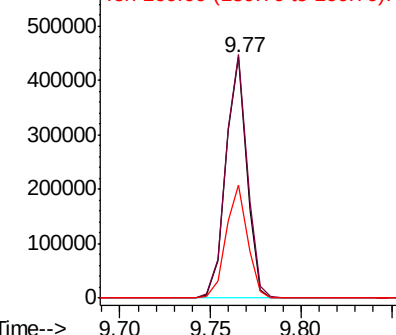
164 100

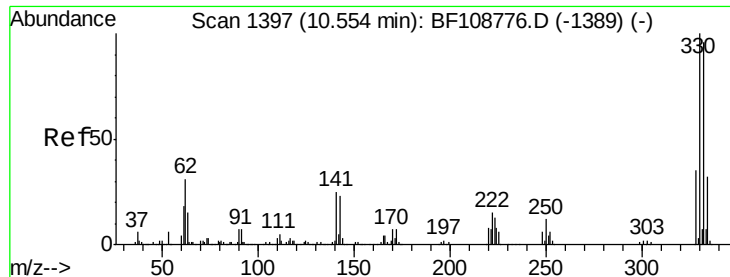
162 101.1 86.1 129.1

160 46.8 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

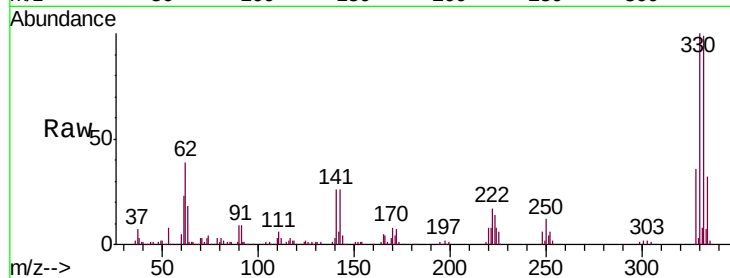




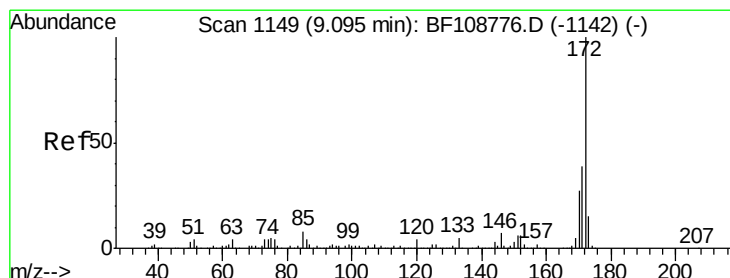
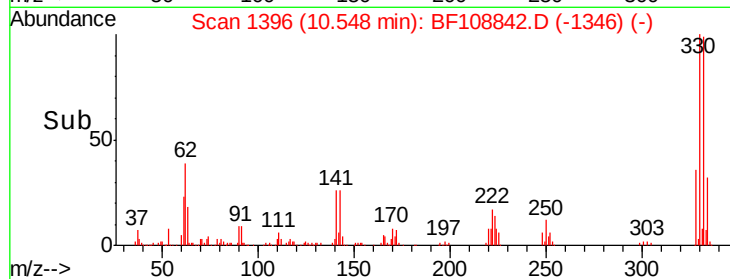
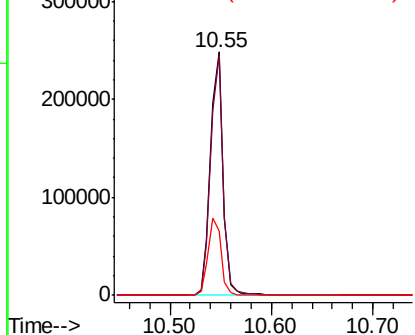
#41
 2,4,6-Tribromophenol
 Concen: 64.004 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6

Tgt Ion:330 Resp: 217320
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.7 29.9 44.9

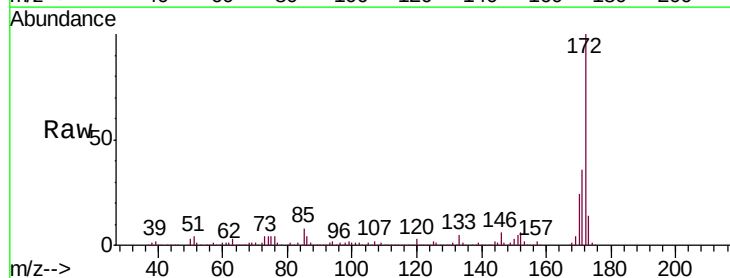


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

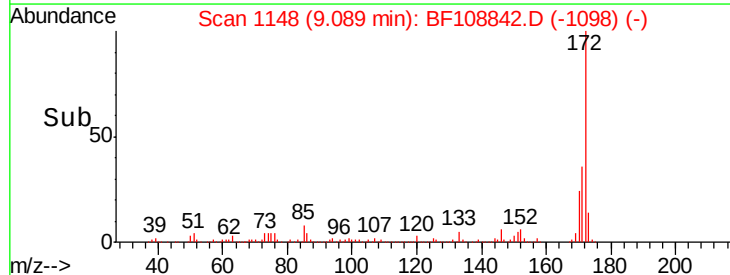
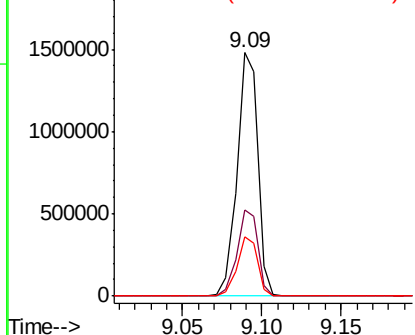


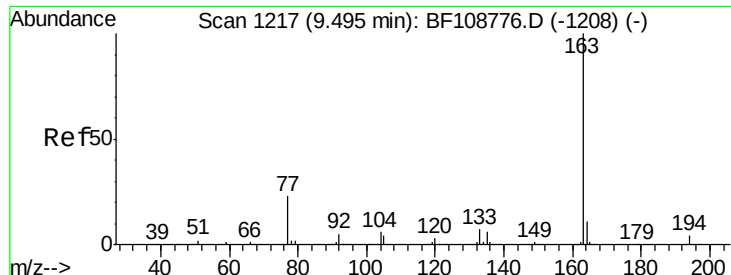
#44
 2-Fluorobiphenyl
 Concen: 64.518 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Tgt Ion:172 Resp: 1345094
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.3 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

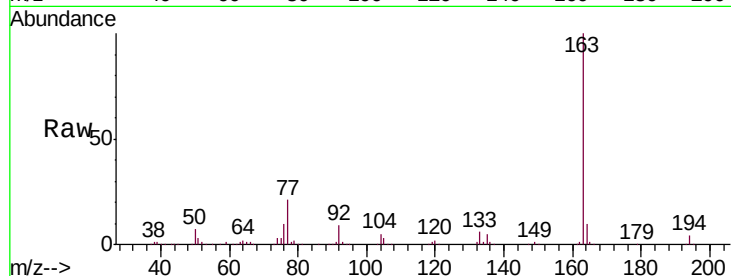




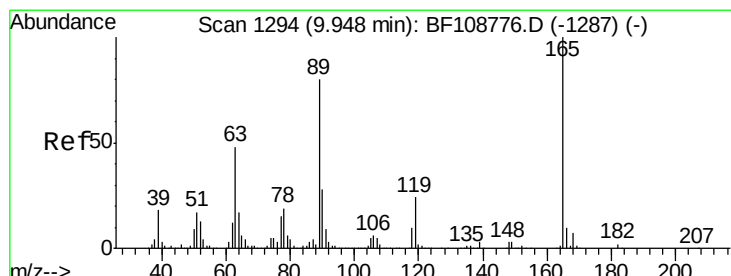
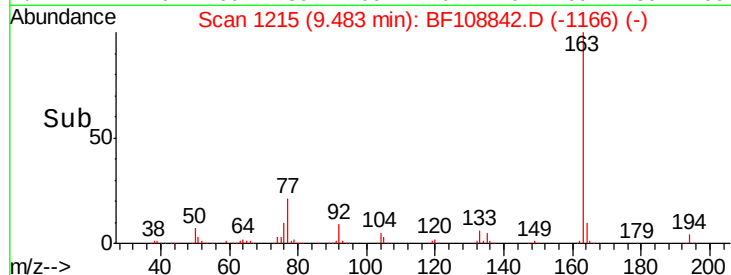
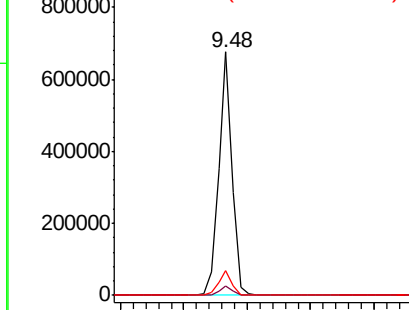
#49
Dimethylphthalate
Concen: 20.174 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Instrument :
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ClientSampleId :
EP1-Q2-J6

Tgt Ion:163 Resp: 501870
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

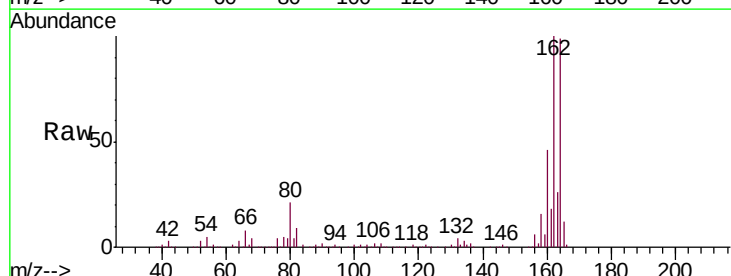


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

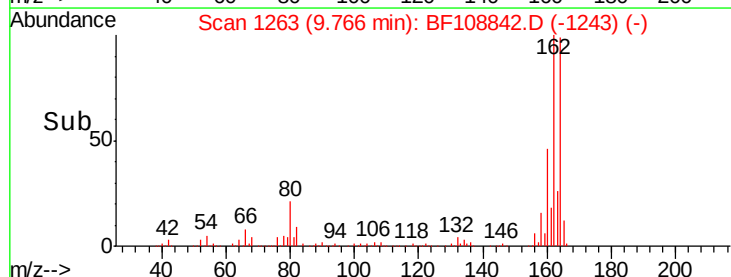
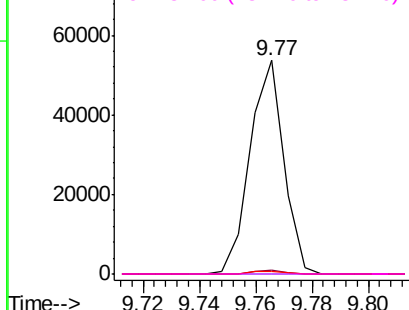


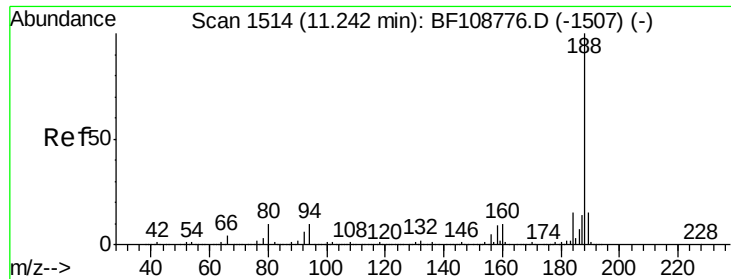
#56
2,4-Dinitrotoluene
Concen: 7.347 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Tgt Ion:165 Resp: 44537
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

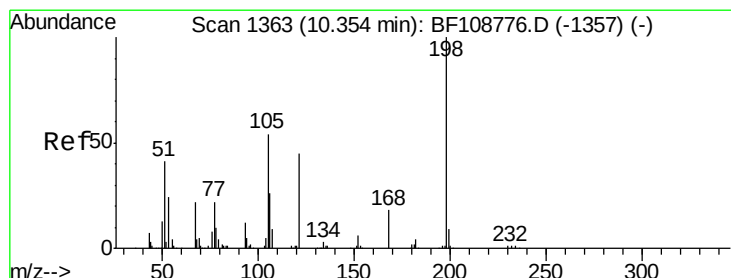
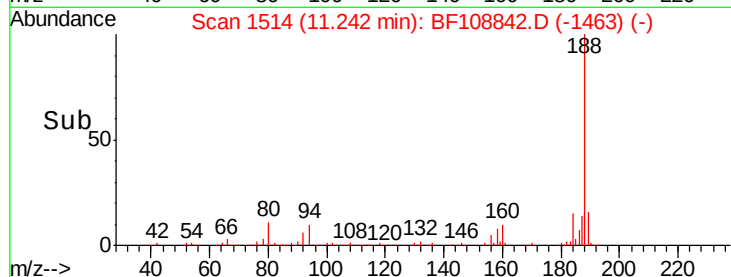
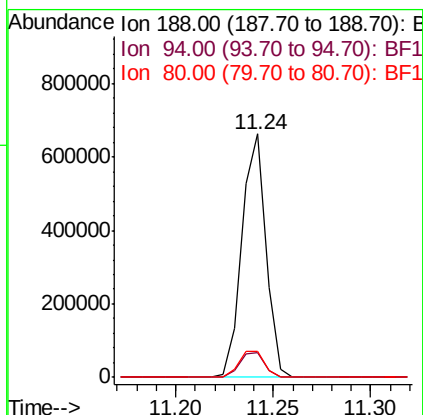
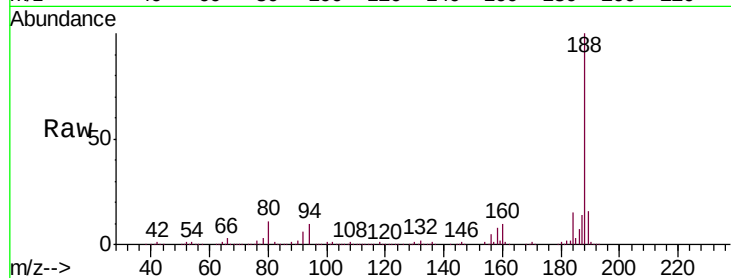




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

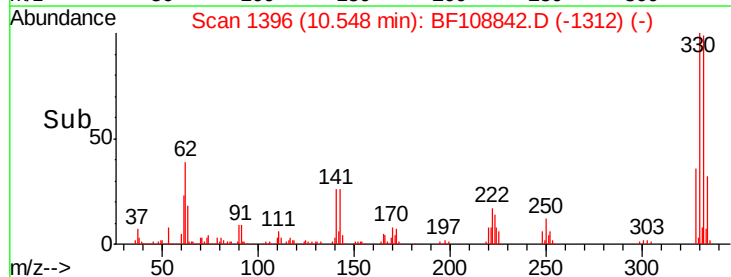
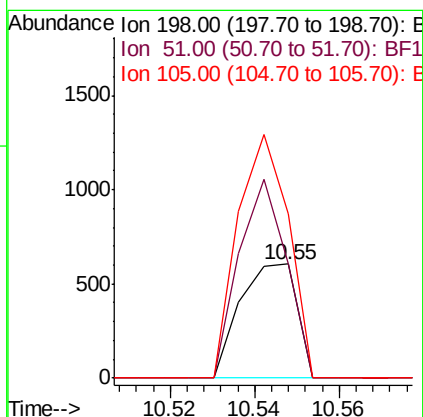
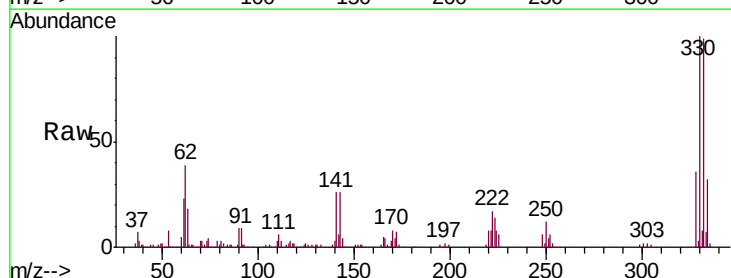
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6

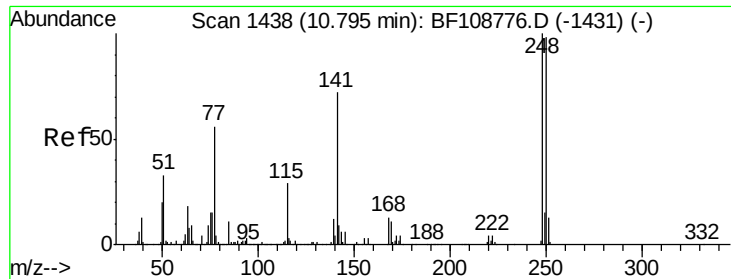
Tgt Ion:188 Resp: 566794
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.085 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Tgt Ion:198 Resp: 564
Ion Ratio Lower Upper
198 100
51 100.0 37.7 77.7#
105 144.3 36.3 76.3#

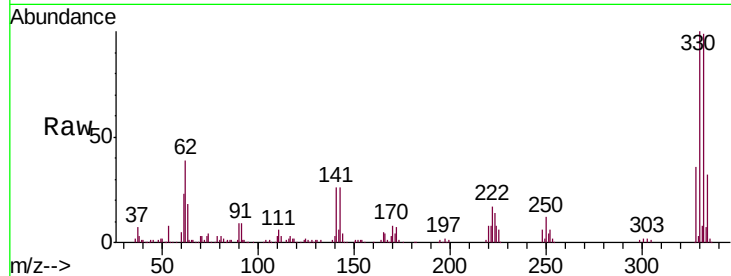




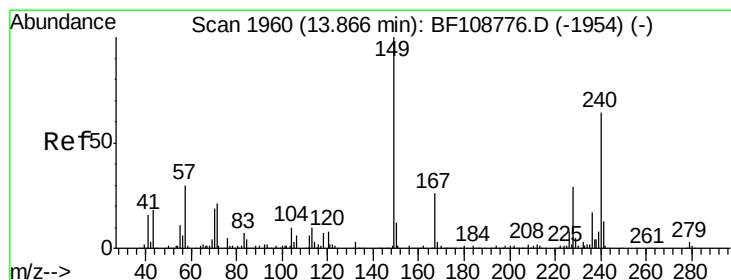
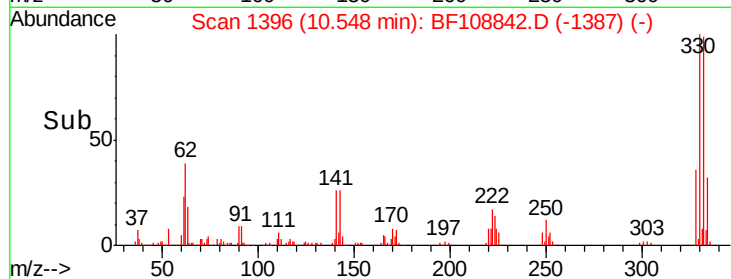
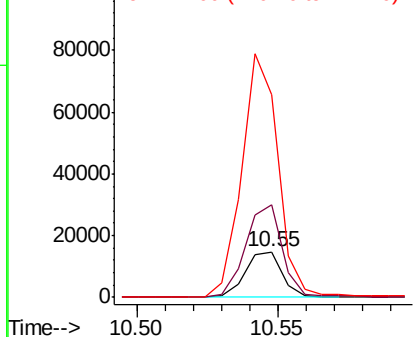
#66
4-Bromophenyl-phenylether
Concen: 2.088 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Instrument :
BNA_F
ClientSampled :
EP1-Q2-J6

Tgt Ion:248 Resp: 13368
Ion Ratio Lower Upper
248 100
250 204.2 76.9 115.3#
141 448.3 74.4 111.6#

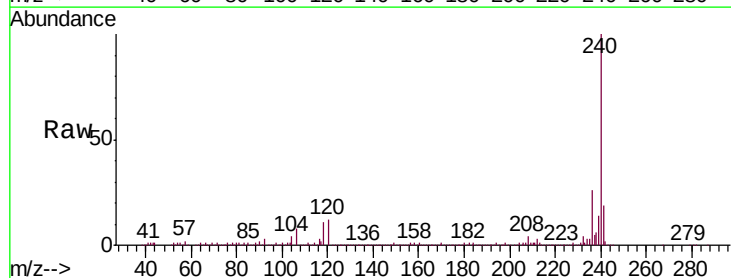


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

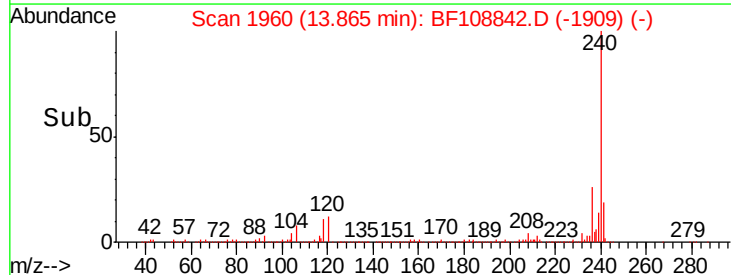
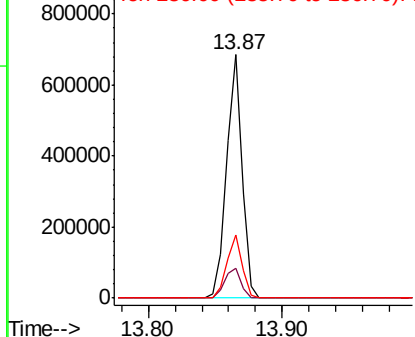


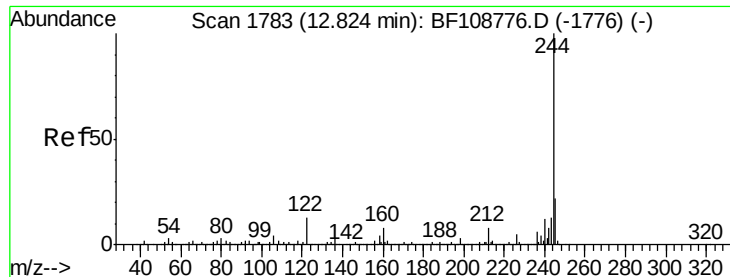
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108842.D
Acq: 6 Sep 2018 23:52

Tgt Ion:240 Resp: 563921
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.0 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

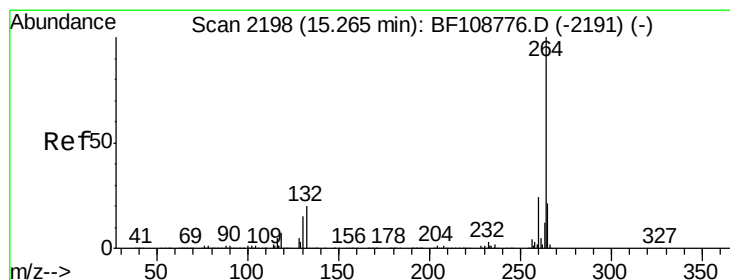
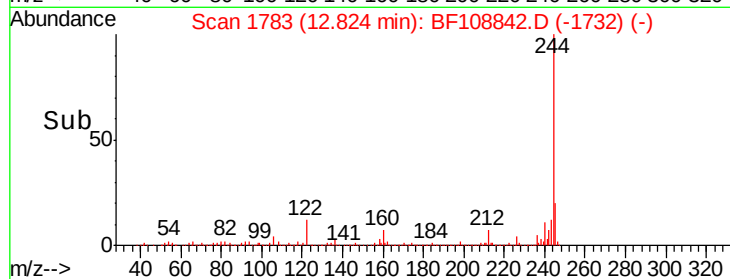
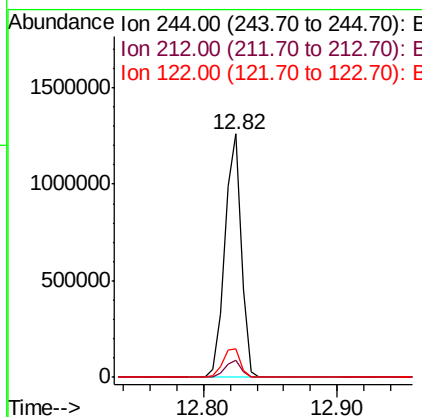
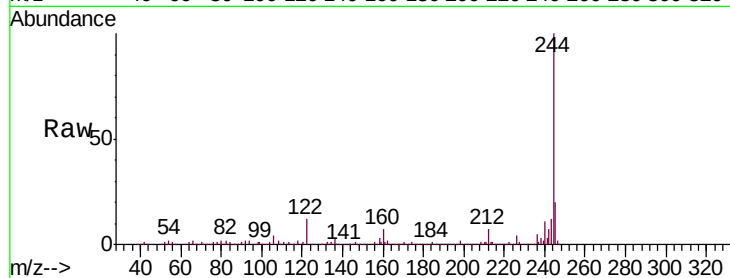




#78
 Terphenyl-d14
 Concen: 45.404 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-J6

Tgt Ion:244 Resp: 1098009
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108842.D
 Acq: 6 Sep 2018 23:52

Tgt Ion:264 Resp: 641514
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.5 26.3

