

Data File : BF108847.D
Acq On : 7 Sep 2018 2:08
Operator : JU/SJ
Sample : J4803-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-I6

Quant Time: Sep 07 03:48:47 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	196229	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	699615	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	296411	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	513485	20.00	ng	0.00
75) Chrysene-d12	13.87	240	547633	20.00	ng	0.00
86) Perylene-d12	15.27	264	604992	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	900545	76.03	ng	0.01
7) Phenol-d6	6.37	99	1117103	73.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	699589	62.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	216654	76.56	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1197558	68.93	ng	0.00
78) Terphenyl-d14	12.82	244	1121784	47.77	ng	0.00

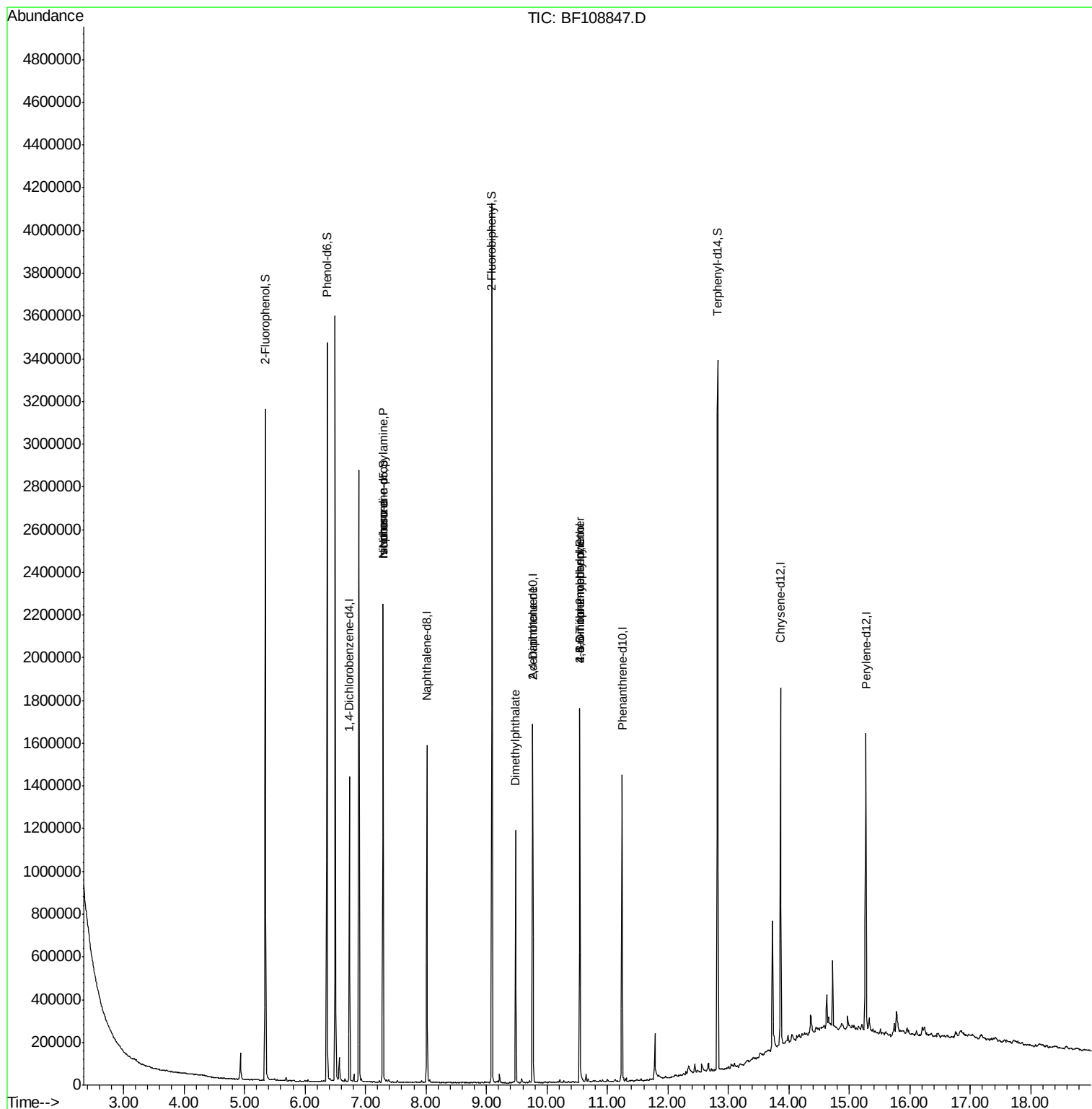
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	93529	8.829	ng	# 78
25) Isophorone	7.29	82	696856	31.250	ng	# 64
49) Dimethylphthalate	9.48	163	414223	19.980	ng	99
56) 2,4-Dinitrotoluene	9.77	165	37934	7.509	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	383	7.031	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	12855	2.217	ng	# 1

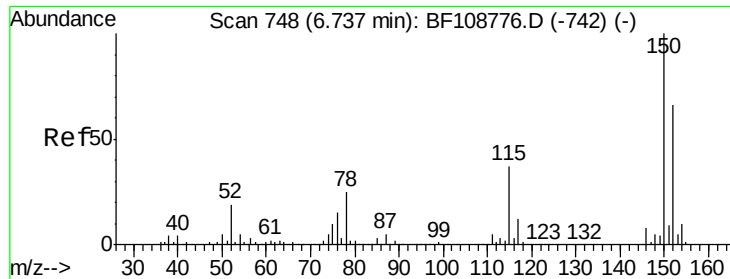
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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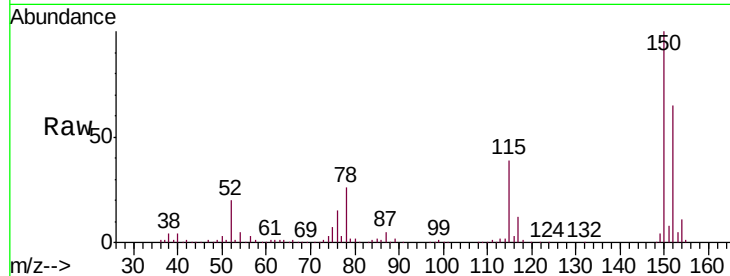




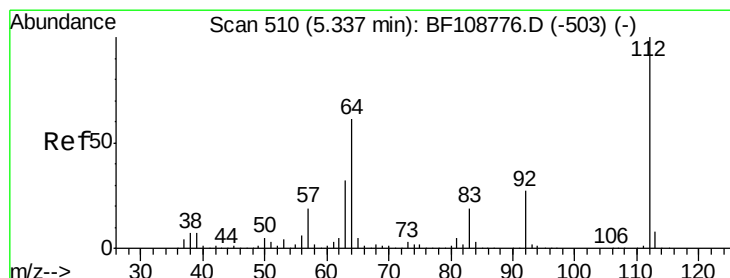
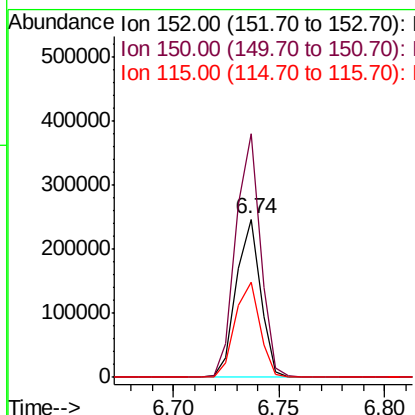
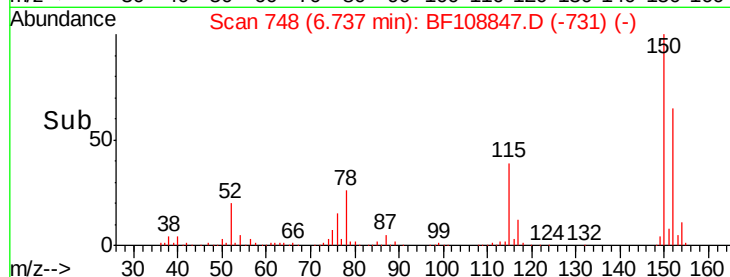
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Instrument :
 BNA_F
 ClientSampleID :
 EP1-Q2-I6

Tgt Ion:152 Resp: 196229
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.6 50.1 75.1

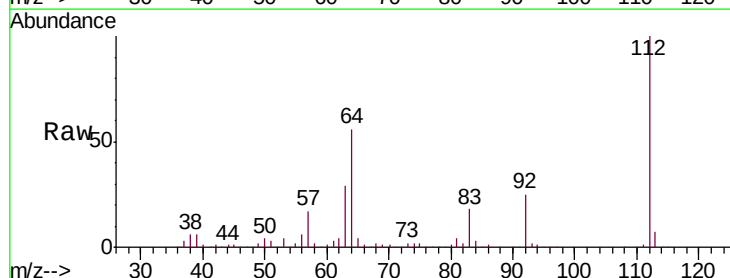


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

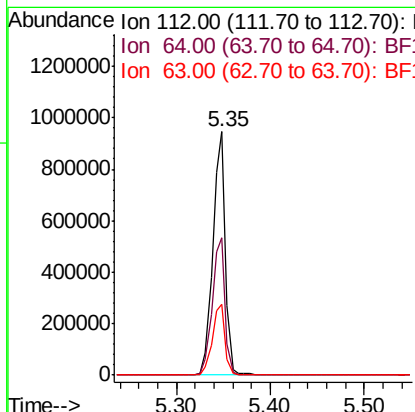
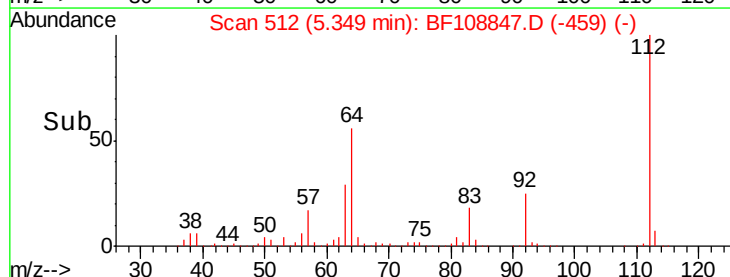


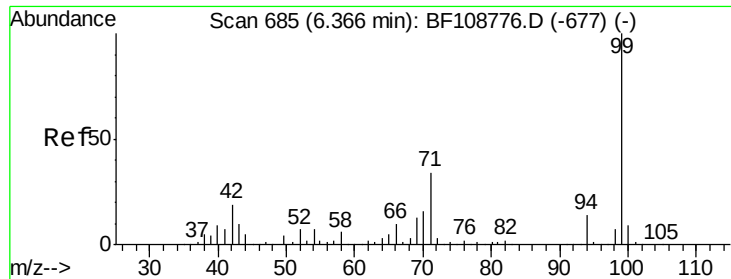
#5
 2-Fluorophenol
 Concen: 76.029 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Tgt Ion:112 Resp: 900545
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 29.0 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: 73.300 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

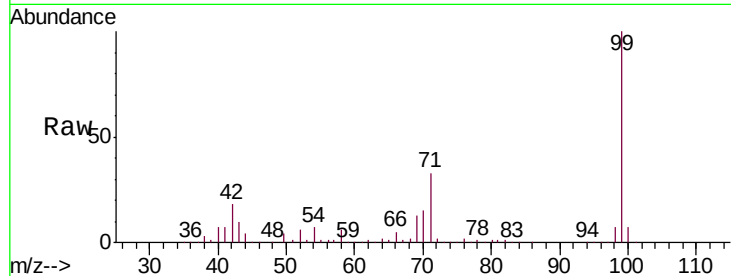
BNA_F

ClientSampleId :

EP1-Q2-I6

Tgt Ion: 99 Resp: 1117103

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.8	25.4	38.0

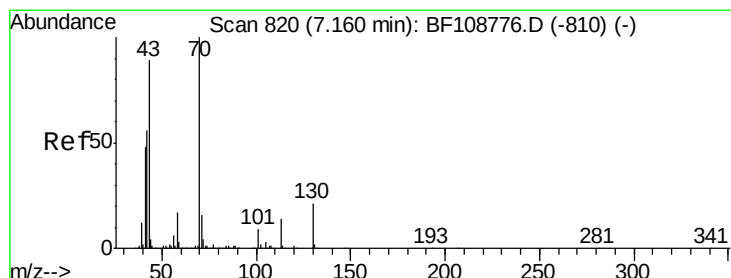
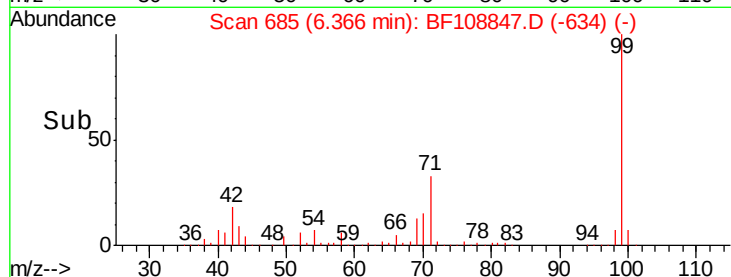
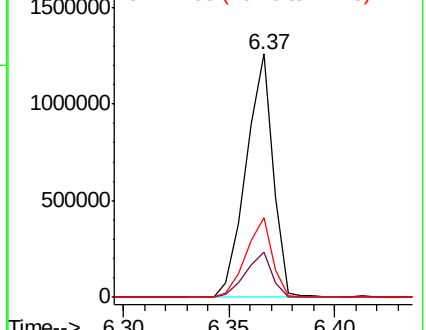


Abundance

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: 8.829 ng

RT: 7.29 min Scan# 842

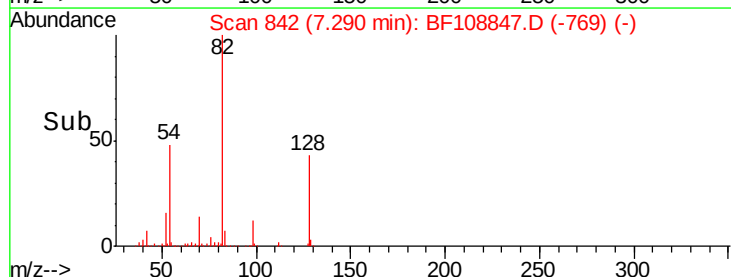
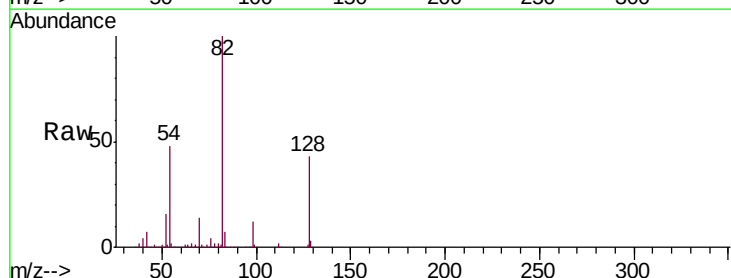
Delta R.T. 0.13 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Tgt Ion: 70 Resp: 93529

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



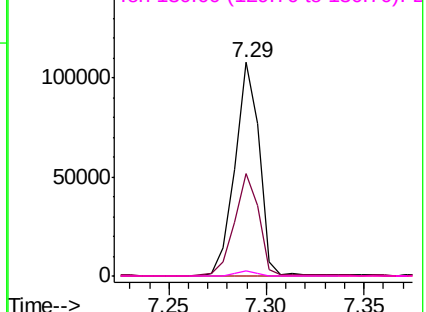
Abundance

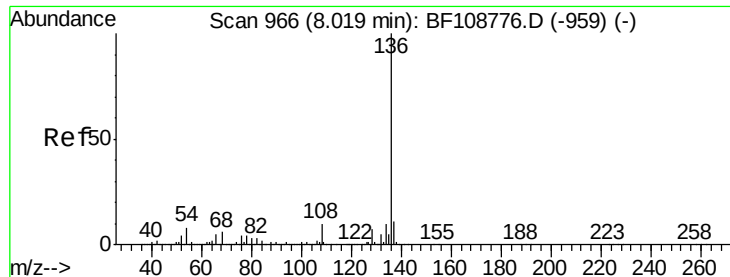
Ion 70.00 (69.70 to 70.70): BF1

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

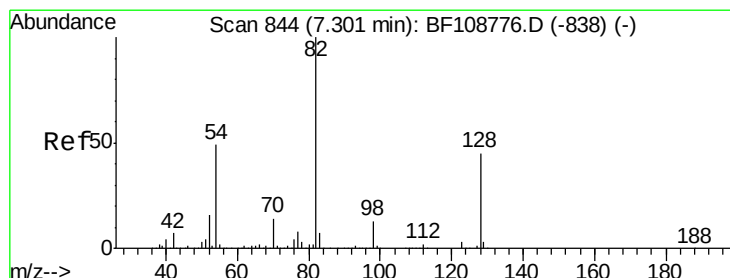
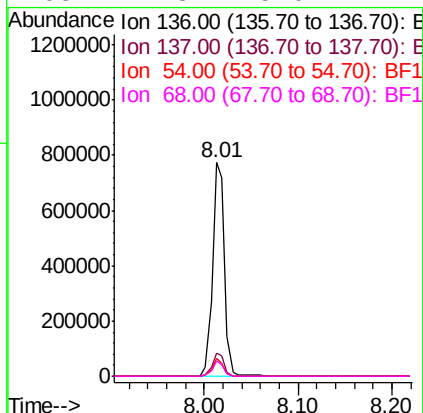
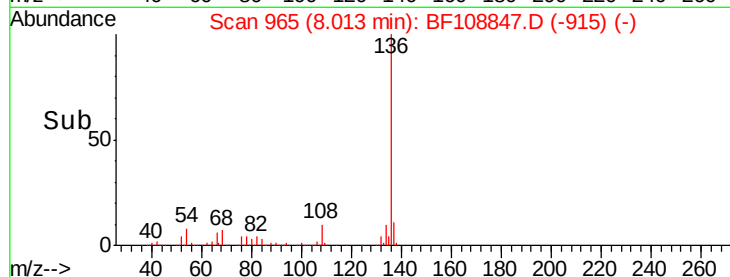
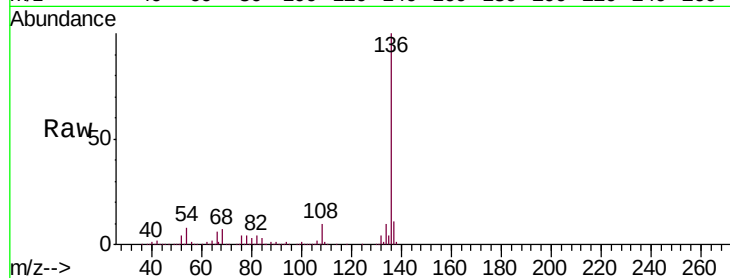




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

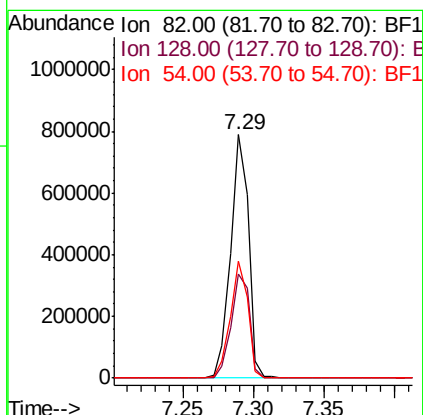
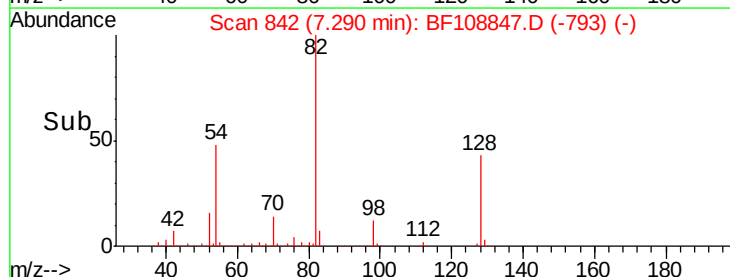
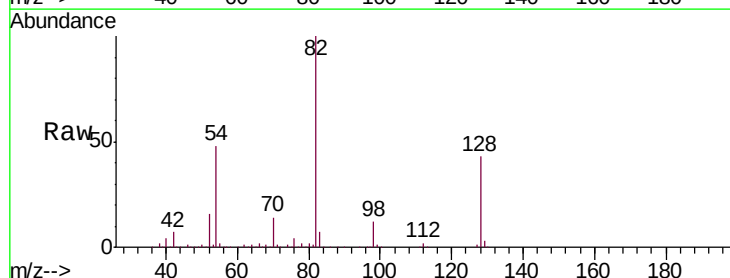
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-I6

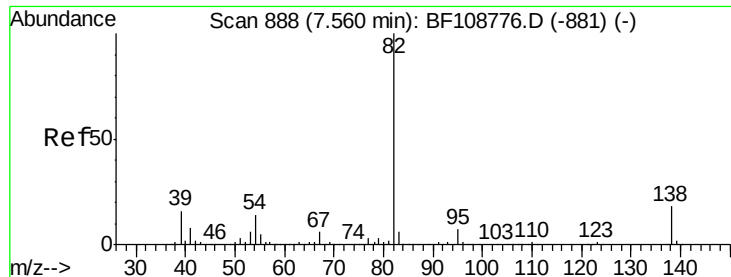
Tgt Ion:	136	Resp:	699615
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	7.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.579 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

Tgt Ion:	82	Resp:	699589
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	47.9	41.4	62.2





#25

Isophorone

Concen: 31.250 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I6

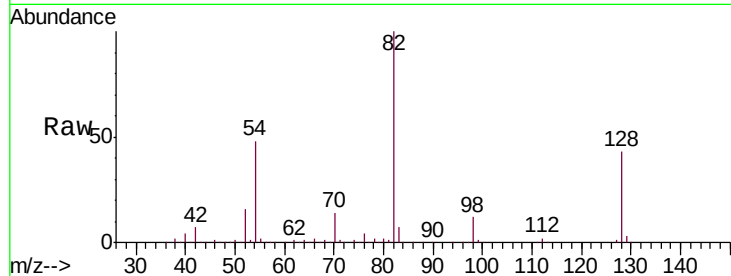
Tgt Ion: 82 Resp: 696856

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

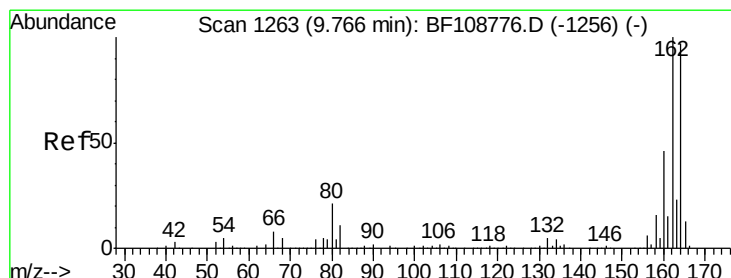
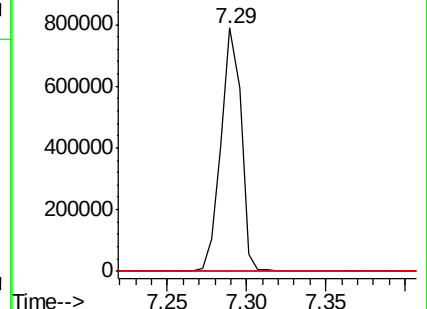
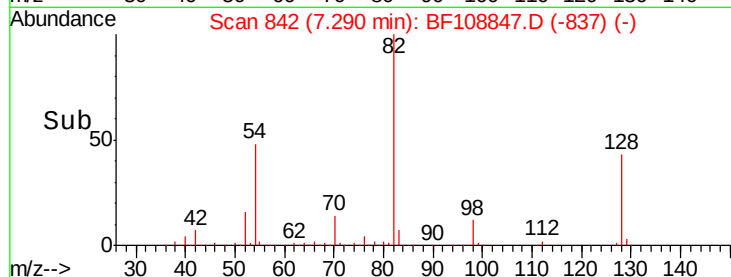
138 0.0 14.9 22.3#



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: BF108847.D

Acq: 7 Sep 2018 2:08

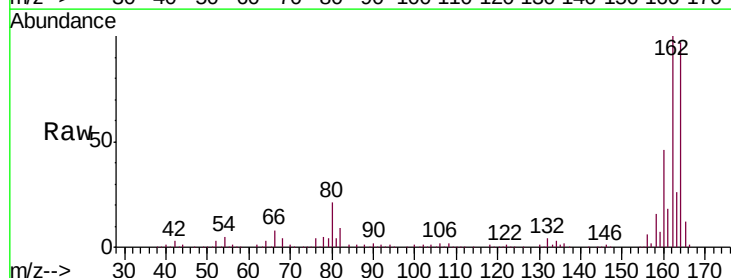
Tgt Ion: 164 Resp: 296411

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

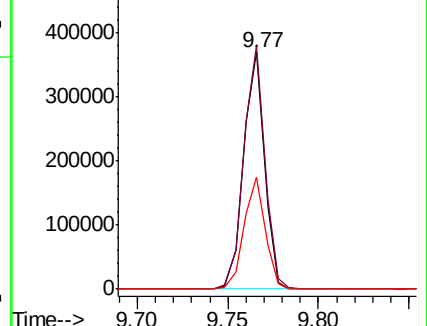
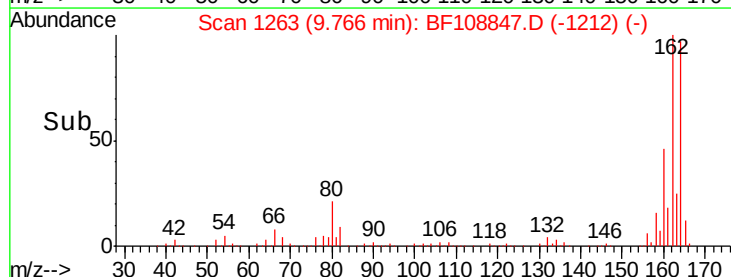
160 47.3 38.3 57.5

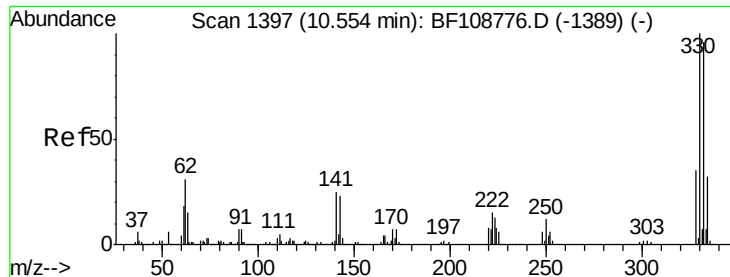


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

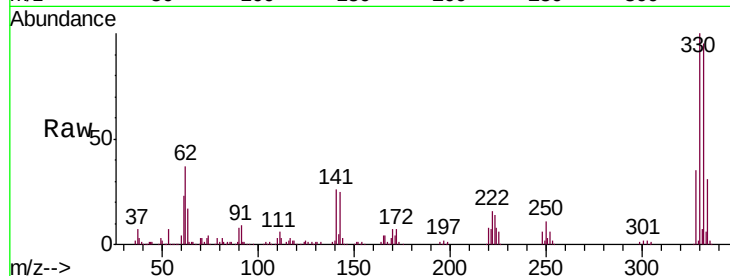




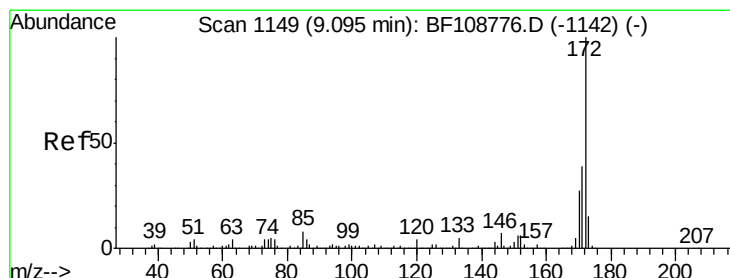
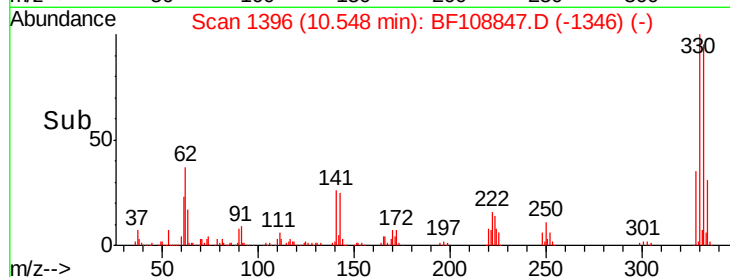
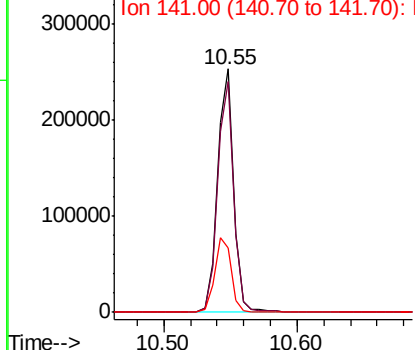
#41
 2,4,6-Tribromophenol
 Concen: 76.565 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I6

Tgt Ion:330 Resp: 216654
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.0 29.9 44.9

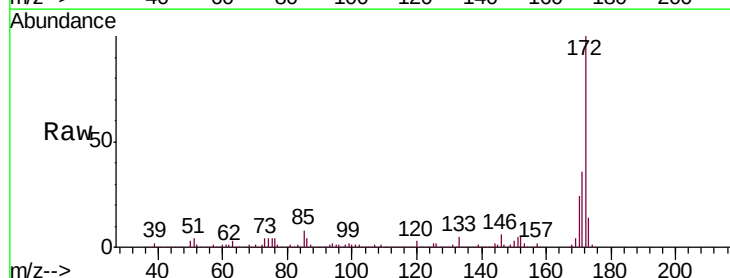


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

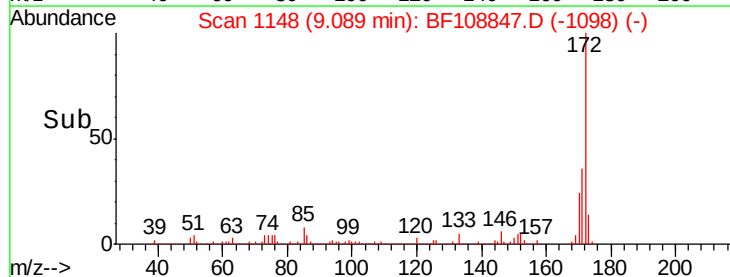
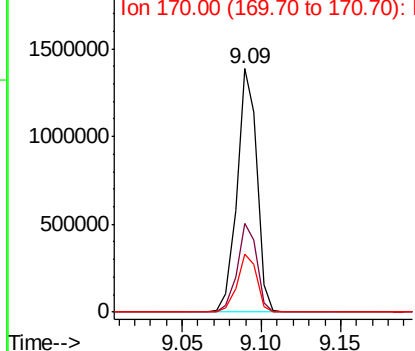


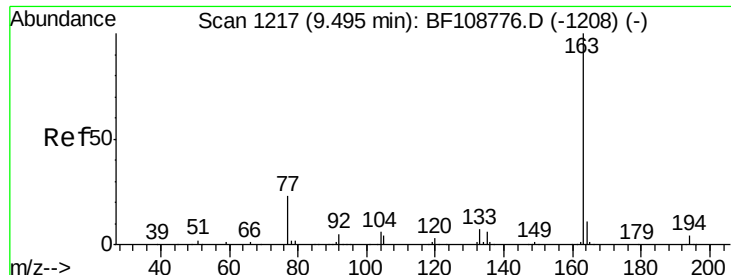
#44
 2-Fluorobiphenyl
 Concen: 68.925 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Tgt Ion:172 Resp: 1197558
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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

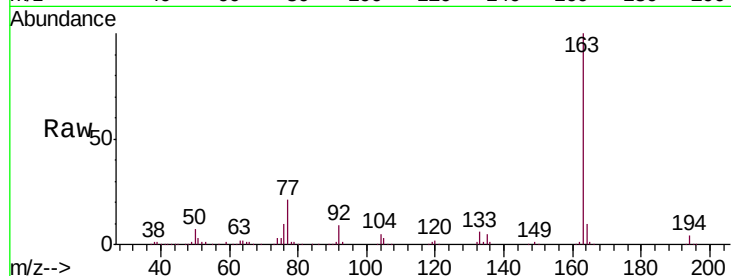




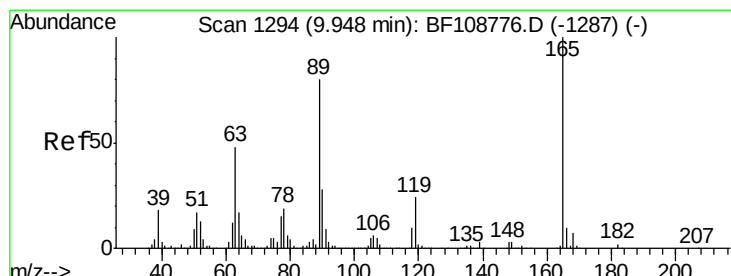
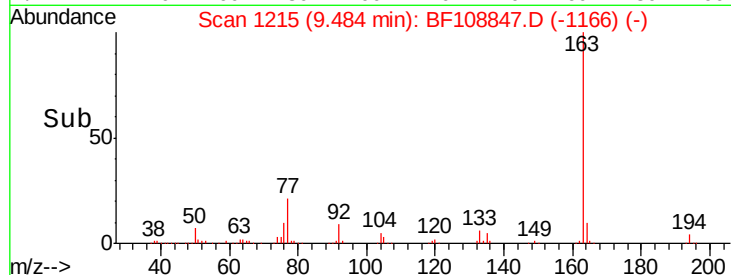
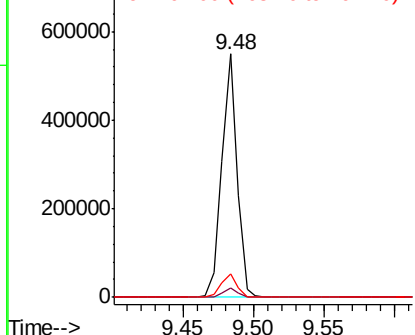
#49
Dimethylphthalate
Concen: 19.980 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-I6

Tgt Ion:163 Resp: 414223
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2

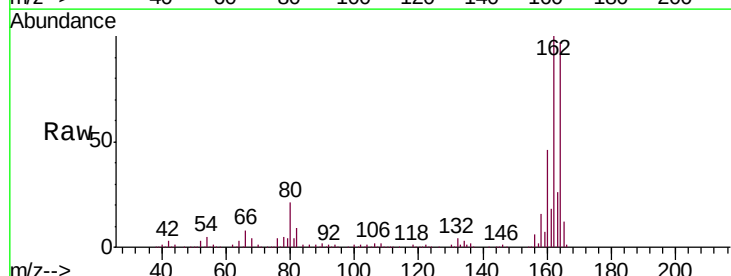


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

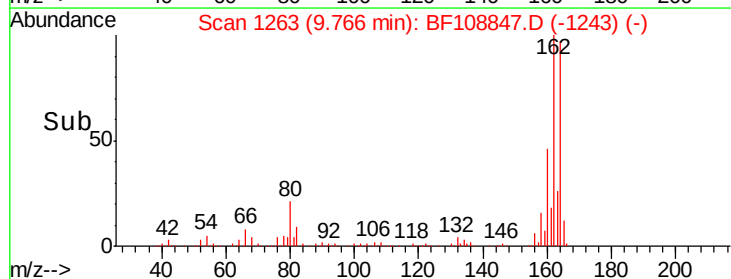
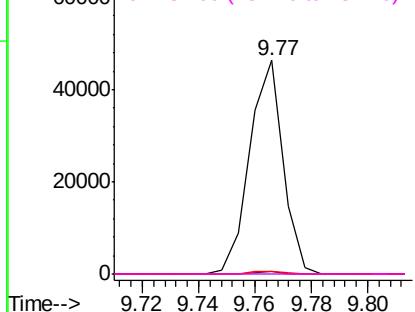


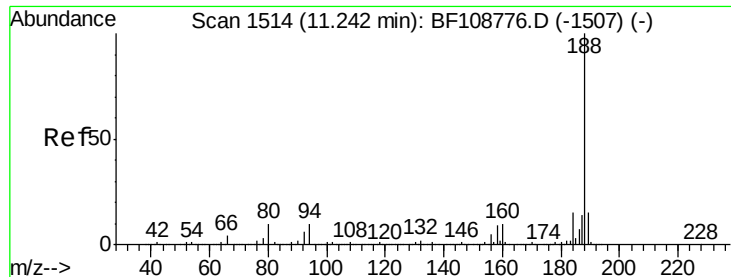
#56
2,4-Dinitrotoluene
Concen: 7.509 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

Tgt Ion:165 Resp: 37934
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.5 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

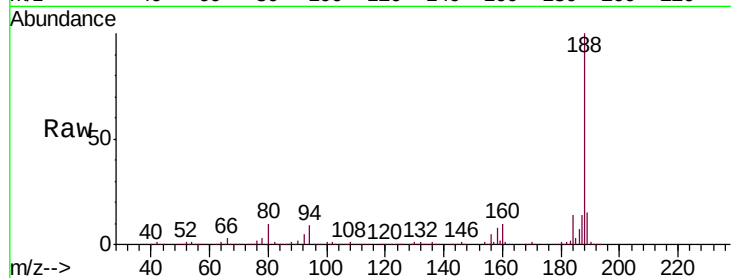




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-I6

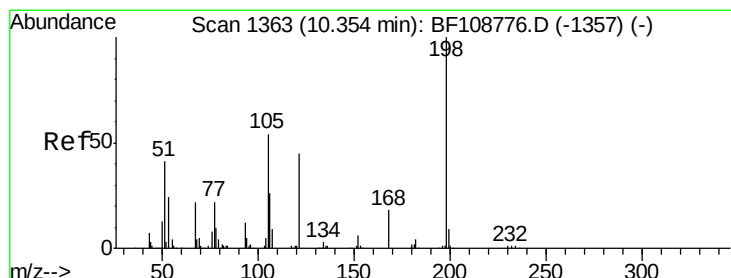
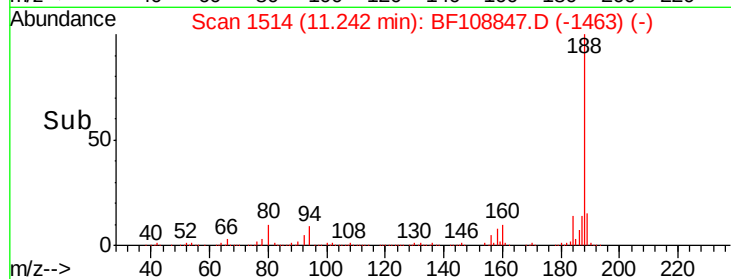
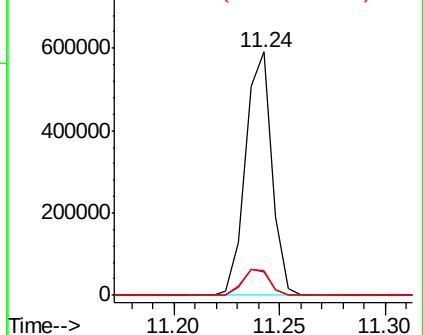
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

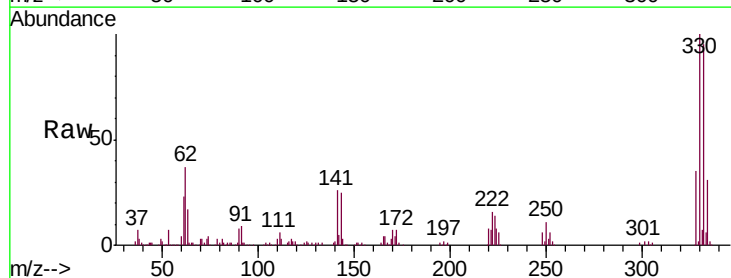
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.031 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108847.D
 Acq: 7 Sep 2018 2:08

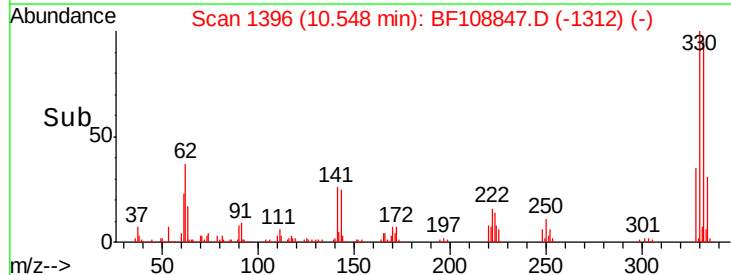
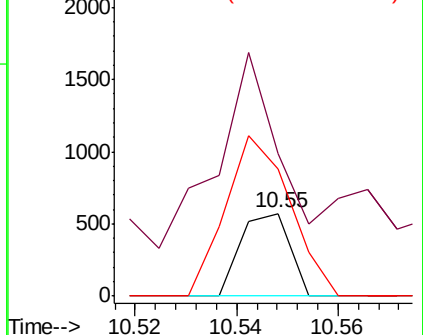
Tgt Ion	Ratio	Lower	Upper
198	100		
51	171.6	37.7	77.7#
105	153.9	36.3	76.3#

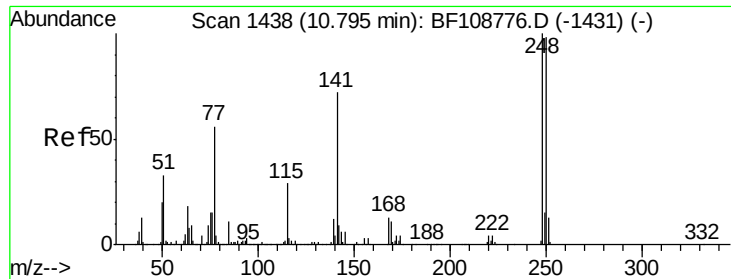


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

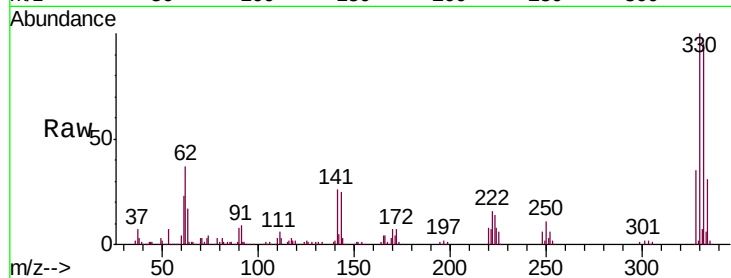




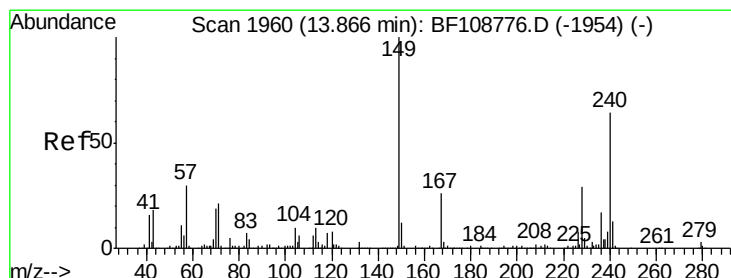
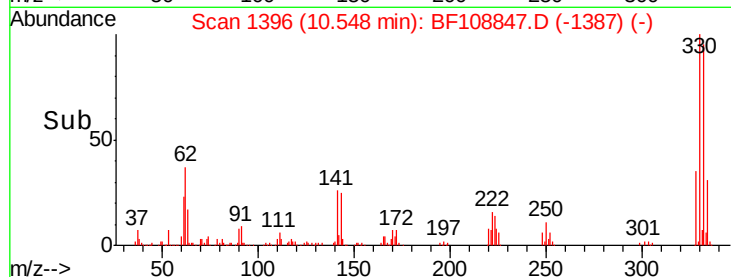
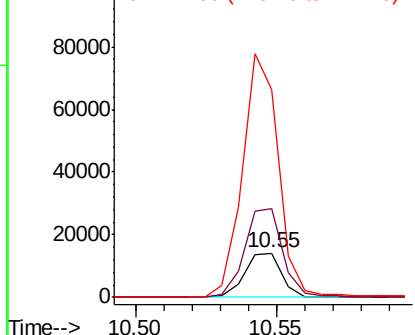
#66
4-Bromophenyl-phenylether
Concen: 2.217 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

Instrument :
BNA_F
ClientSampled :
EP1-Q2-I6

Tgt Ion:248 Resp: 12855
Ion Ratio Lower Upper
248 100
250 202.1 76.9 115.3#
141 473.3 74.4 111.6#

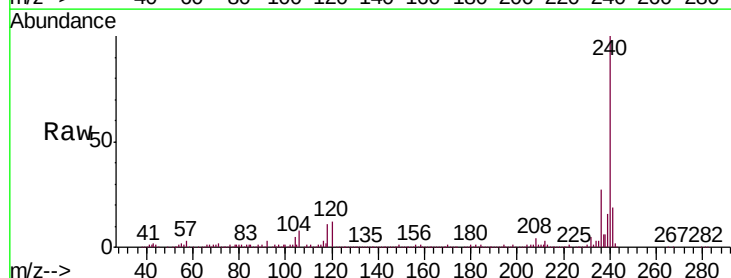


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

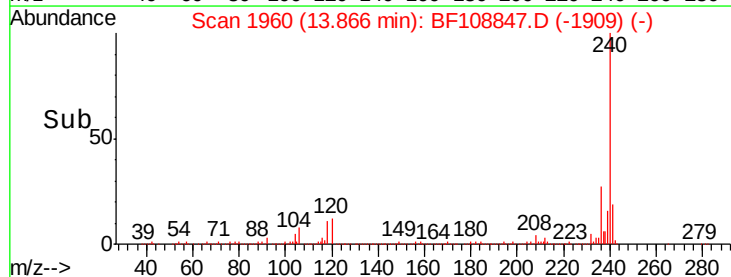
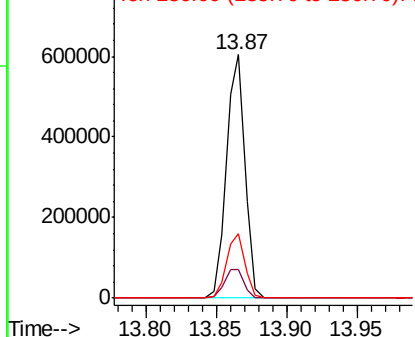


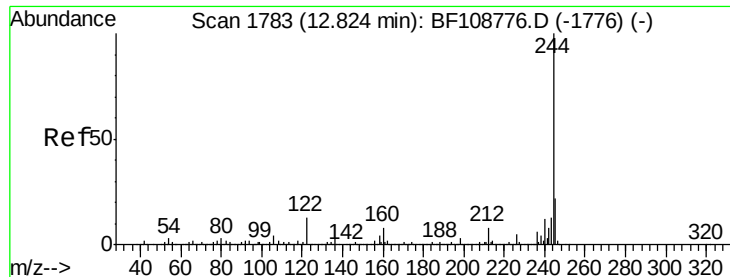
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108847.D
Acq: 7 Sep 2018 2:08

Tgt Ion:240 Resp: 547633
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.6 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: 47.767 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108847.D

Acq: 7 Sep 2018 2:08

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-I6

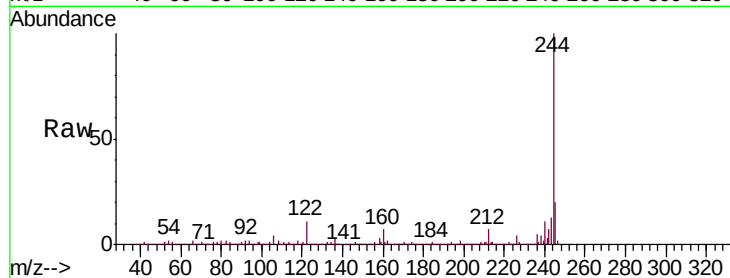
Tgt Ion:244 Resp: 1121784

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

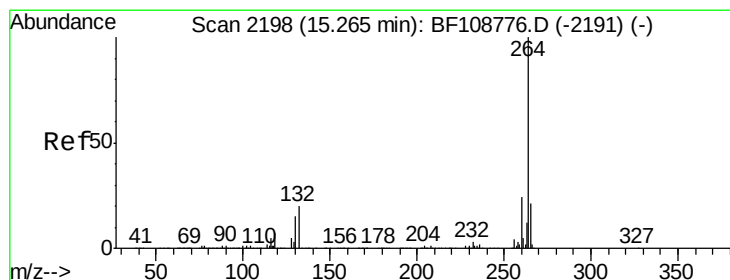
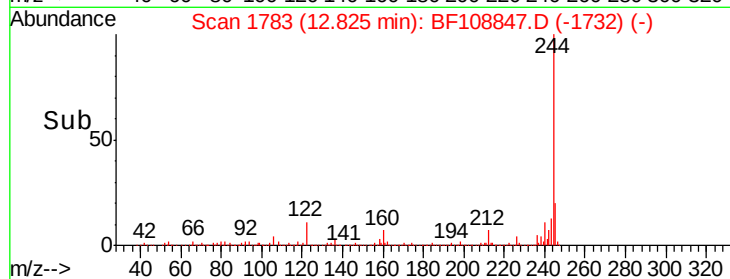
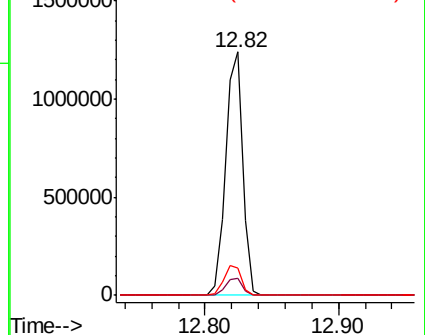
122 11.0 11.0 16.4



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: BF108847.D

Acq: 7 Sep 2018 2:08

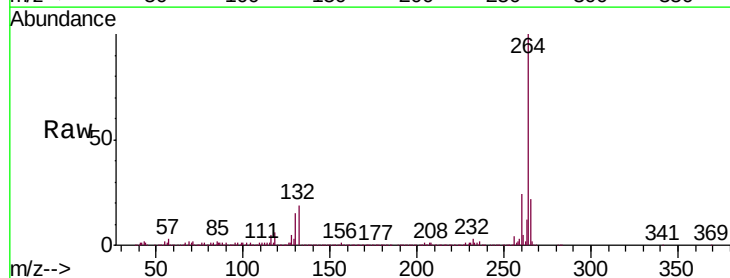
Tgt Ion:264 Resp: 604992

Ion Ratio Lower Upper

264 100

260 23.8 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

