

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108970.D
 Acq On : 13 Sep 2018 17:56
 Operator : JU/SJ
 Sample : J4873-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:57:05 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

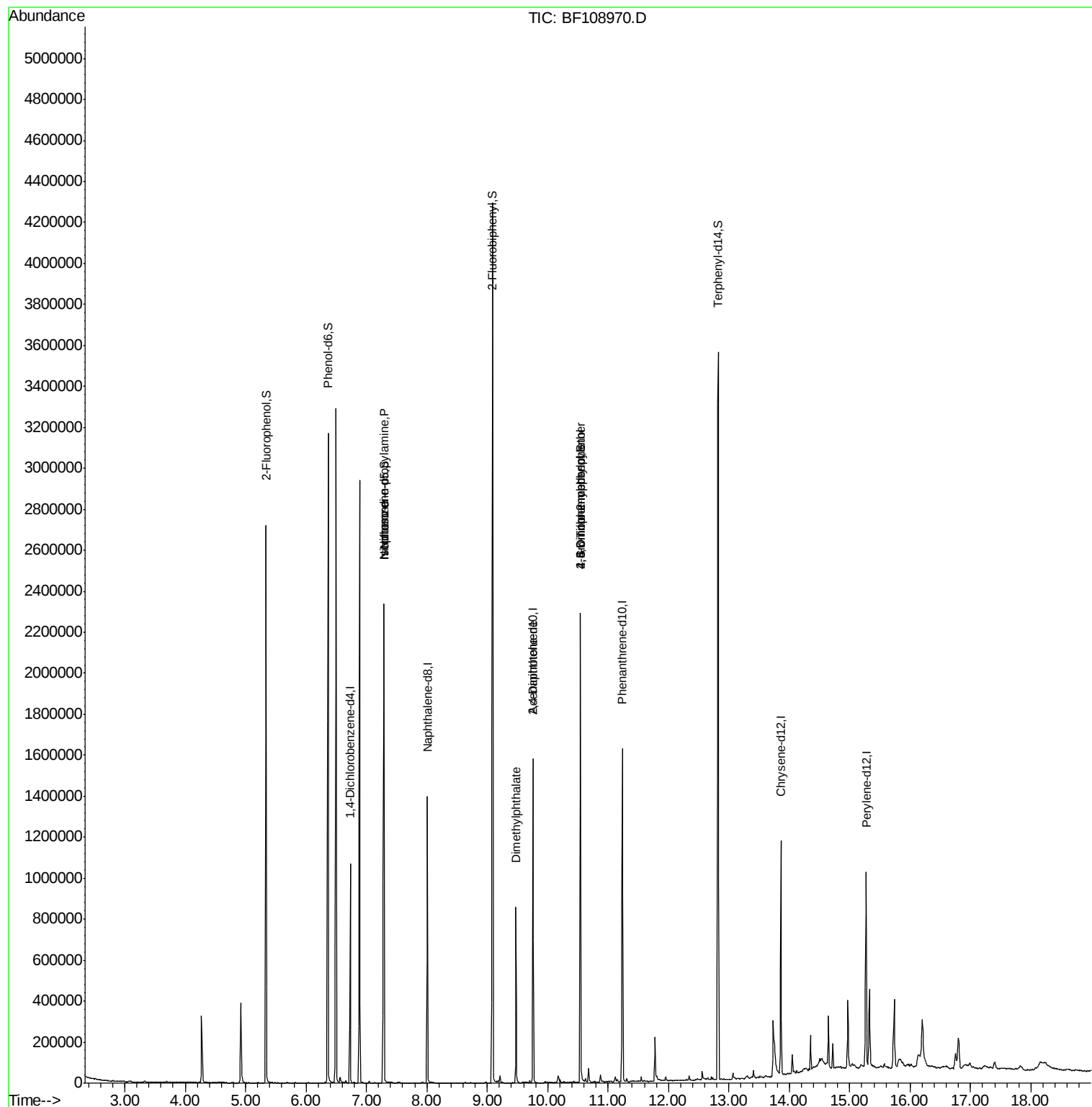
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	161152	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	610032	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	291833	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	544978	20.00	ng	0.00
75) Chrysene-d12	13.86	240	396177	20.00	ng	0.00
86) Perylene-d12	15.27	264	401432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	869947	89.43	ng	0.00
7) Phenol-d6	6.37	99	1177910	94.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	767742	78.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	275386	98.85	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1366687	79.89	ng	0.00
78) Terphenyl-d14	12.82	244	1281475	75.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	103200	11.862	ng	# 77
25) Isophorone	7.29	82	763466	39.265	ng	# 64
49) Dimethylphthalate	9.48	163	301872	14.789	ng	100
56) 2,4-Dinitrotoluene	9.76	165	37909	7.621	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	563	7.094	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16351	2.656	ng	# 1

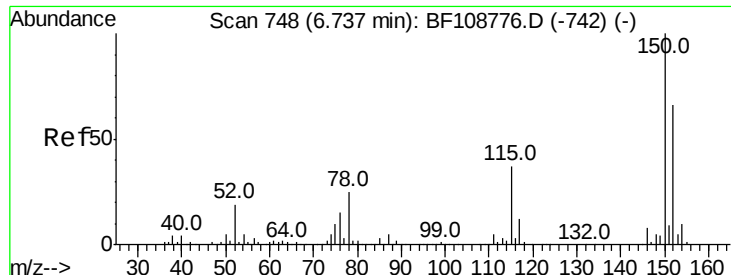
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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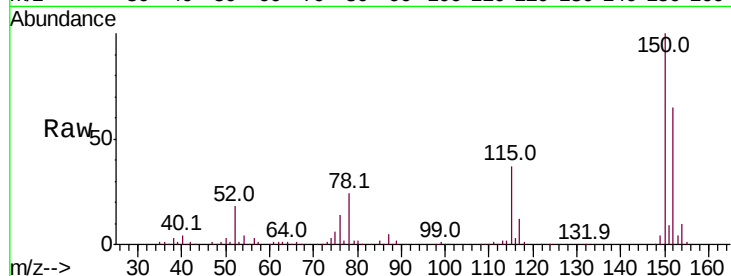


#1

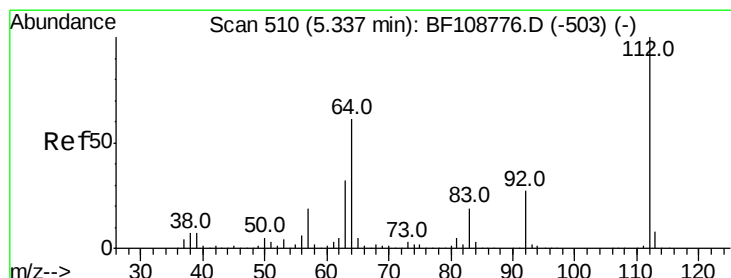
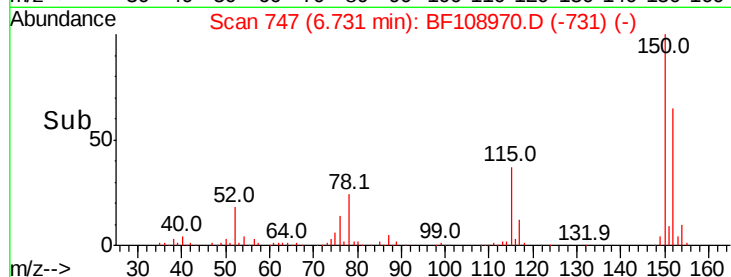
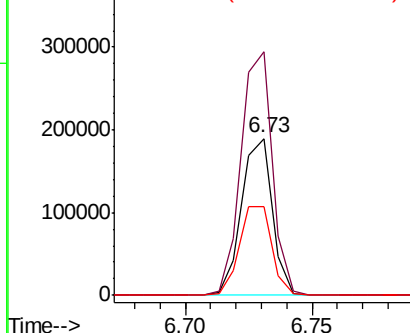
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161152
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 56.7 50.1 75.1



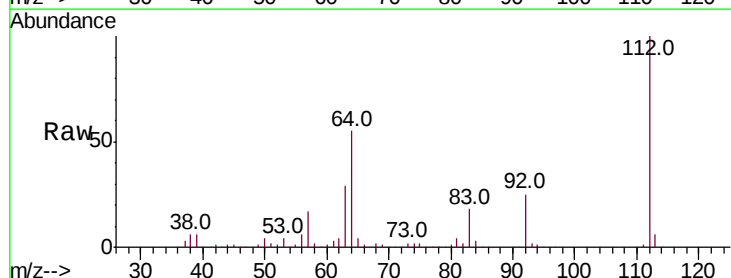
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



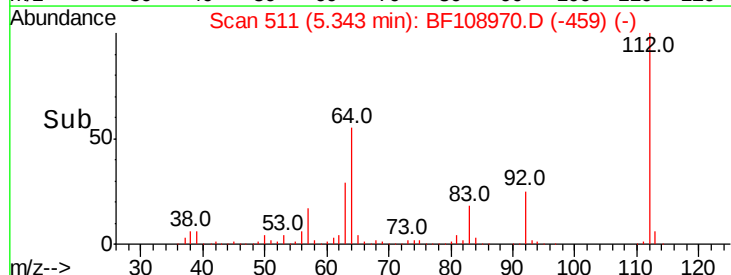
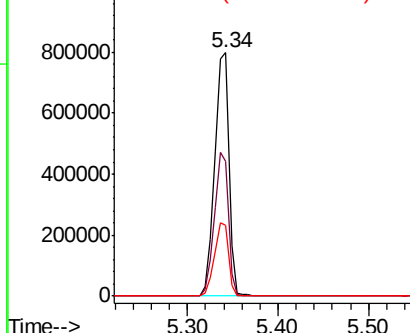
#5

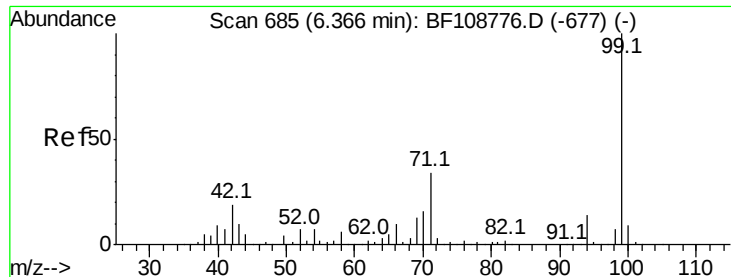
2-Fluorophenol
Concen: 89.432 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Tgt Ion:112 Resp: 869947
Ion Ratio Lower Upper
112 100
64 55.4 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: 94.113 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampleId :

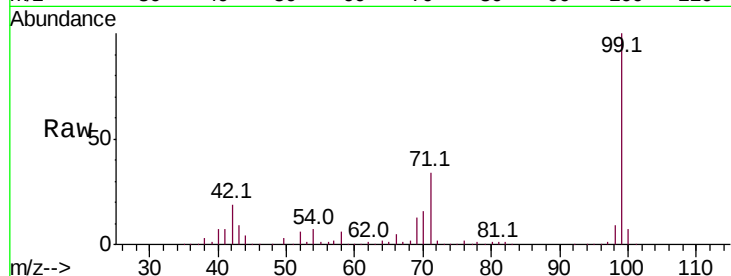
Tot Ion: 99 Resp: 1177910

Ion Ratio Lower Upper

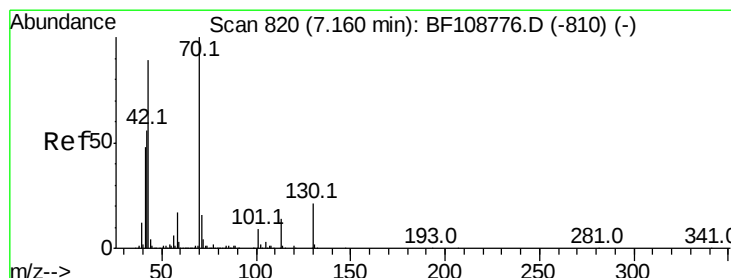
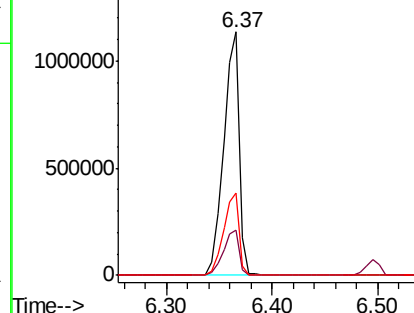
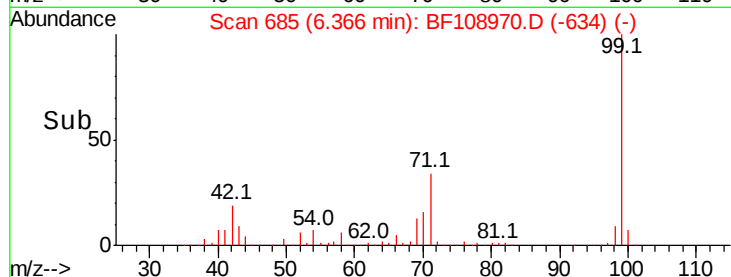
99 100

42 18.6 14.5 21.7

71 33.9 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: 11.862 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Tgt Ion: 70 Resp: 103200

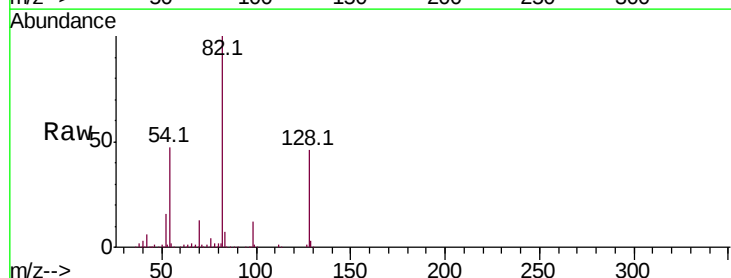
Ion Ratio Lower Upper

70 100

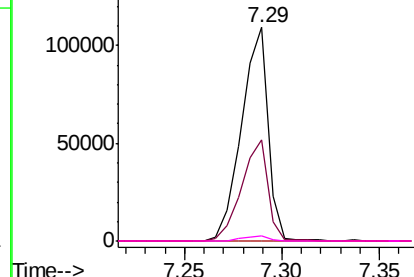
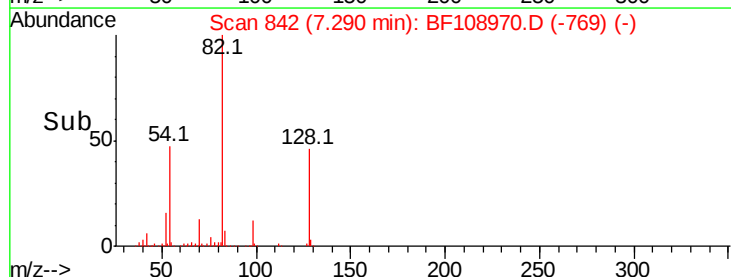
42 47.2 47.5 71.3#

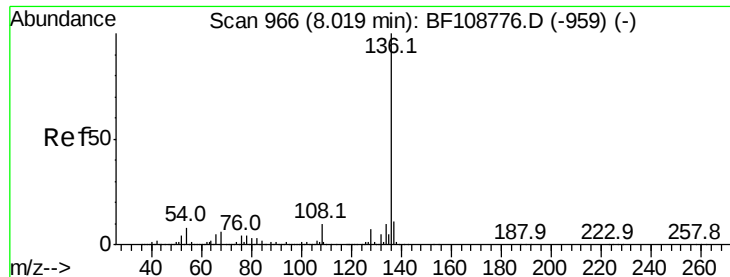
101 0.0 7.4 11.2#

130 2.3 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# 964

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 610032

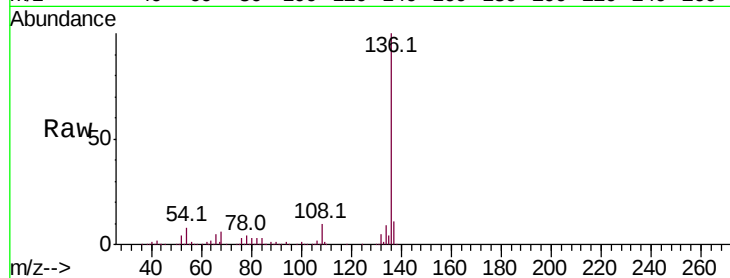
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.5 5.0 7.4

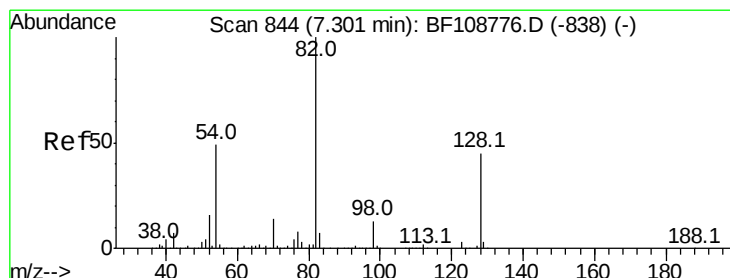
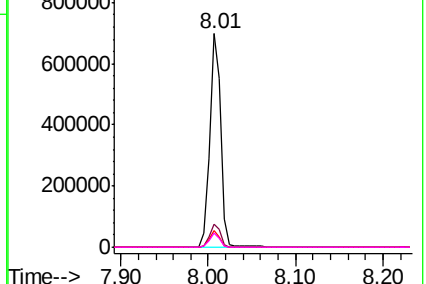
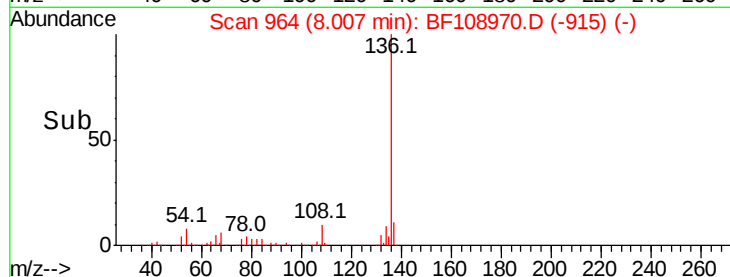


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.760 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

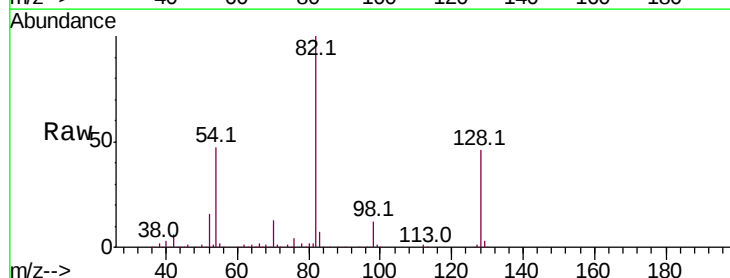
Tgt Ion: 82 Resp: 767742

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

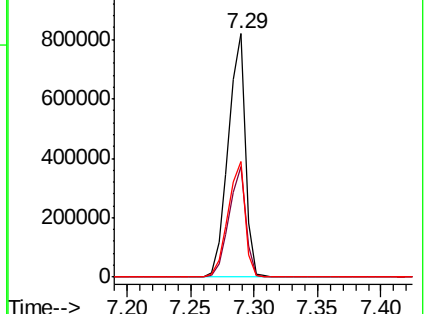
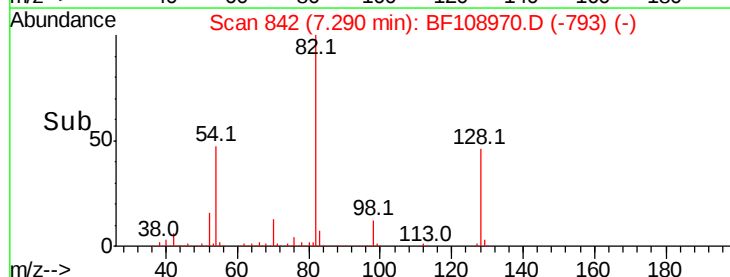
54 47.5 41.4 62.2

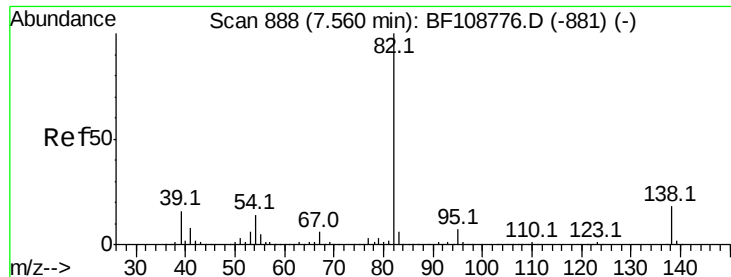


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.265 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampleId :

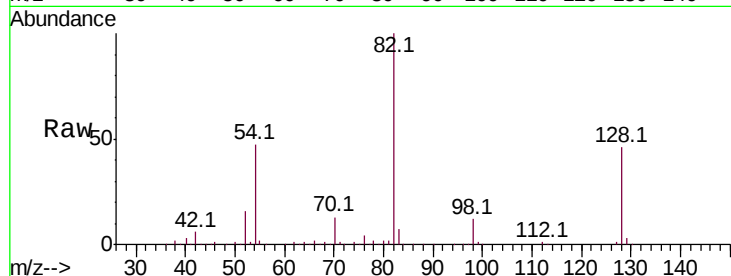
Tot Ion: 82 Resp: 763466

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

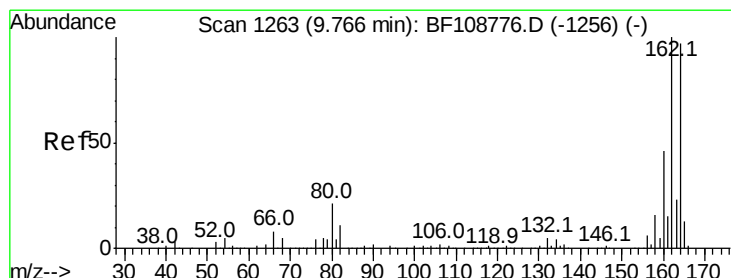
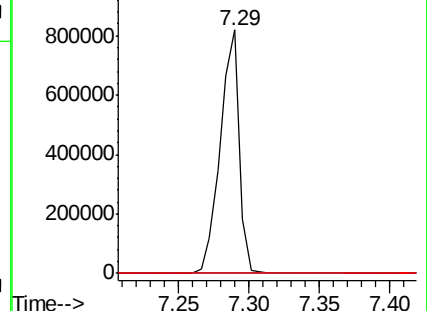
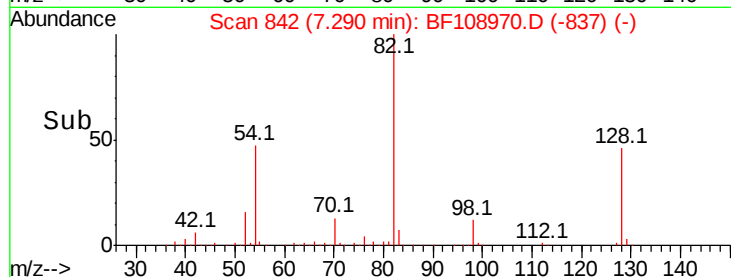
138 0.0 14.9 22.3#



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: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

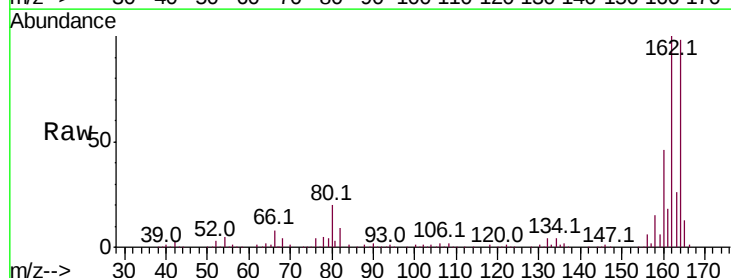
Tgt Ion:164 Resp: 291833

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

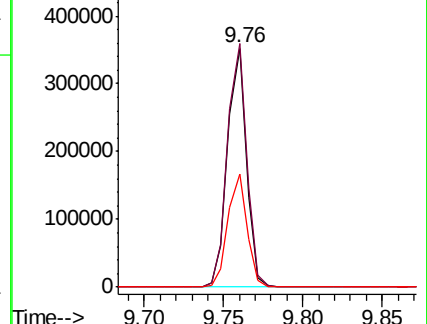
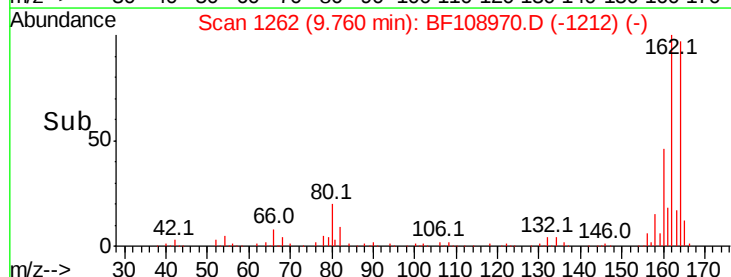
160 47.3 38.3 57.5

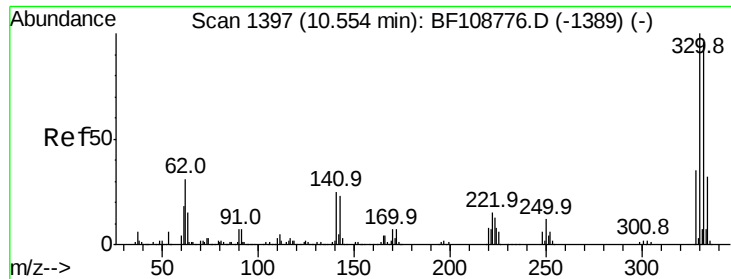


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

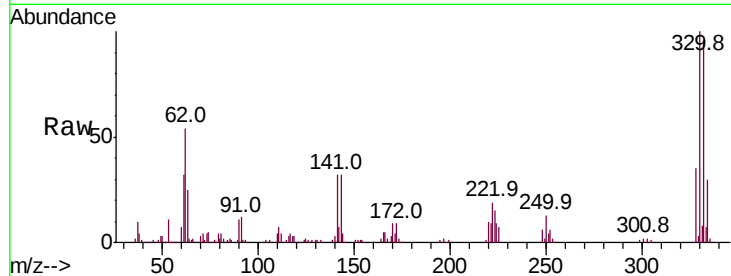




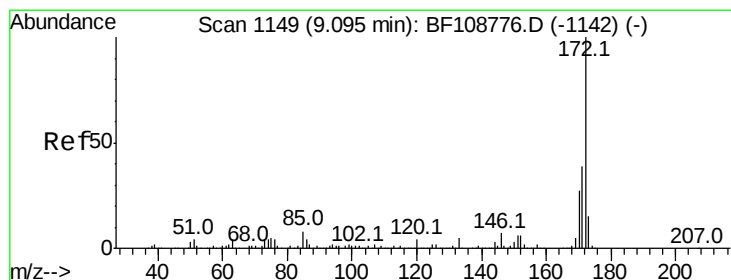
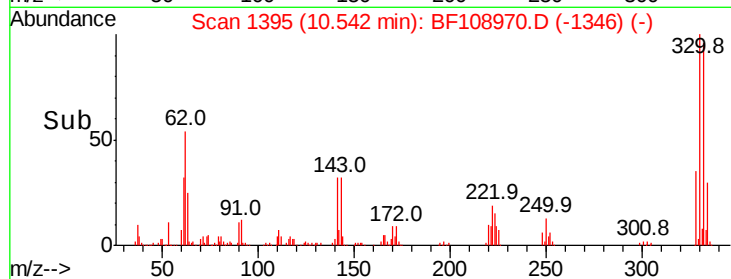
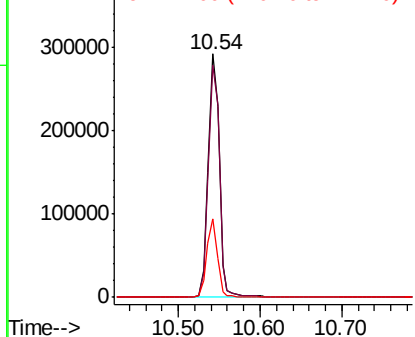
#41
 2,4,6-Tribromophenol
 Concen: 98.847 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108970.D
 Acq: 13 Sep 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.4	29.9	44.9

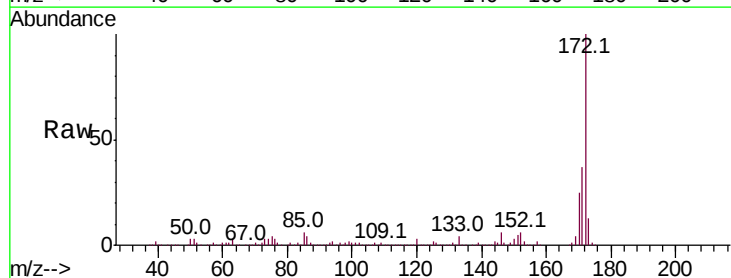


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

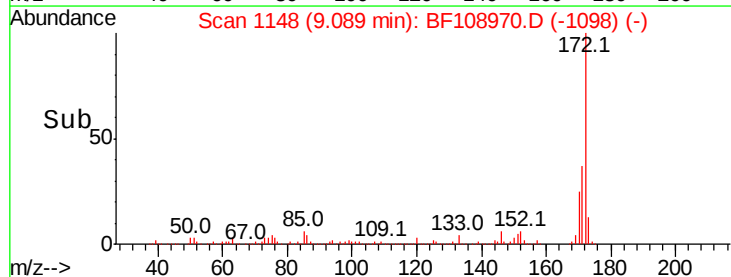
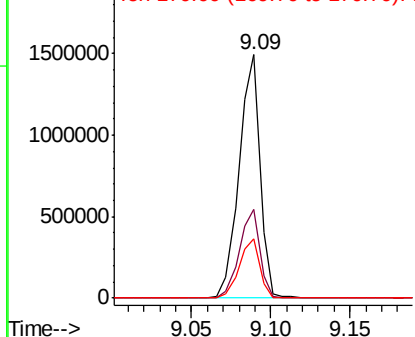


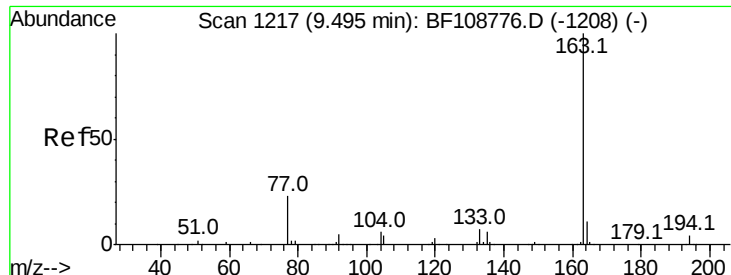
#44
 2-Fluorobiphenyl
 Concen: 79.893 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108970.D
 Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	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

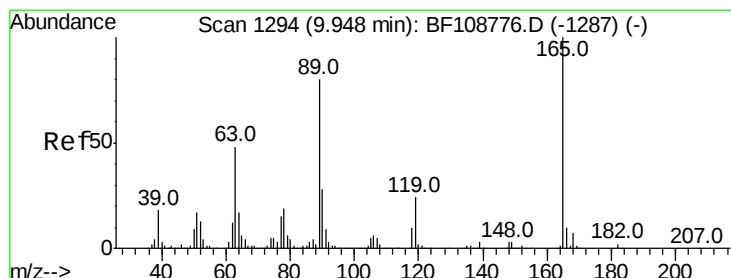
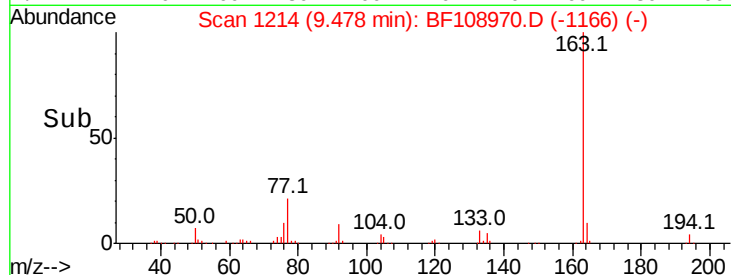
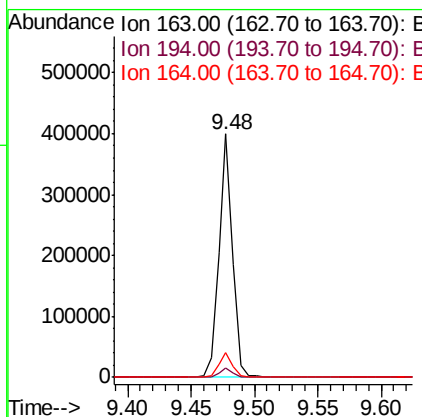
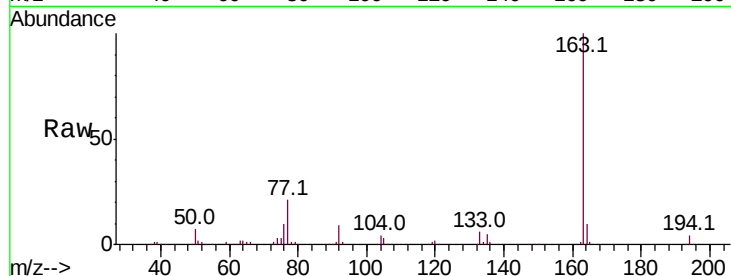




#49
 Dimethylphthalate
 Concen: 14.789 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF108970.D
 Acq: 13 Sep 2018 17:56

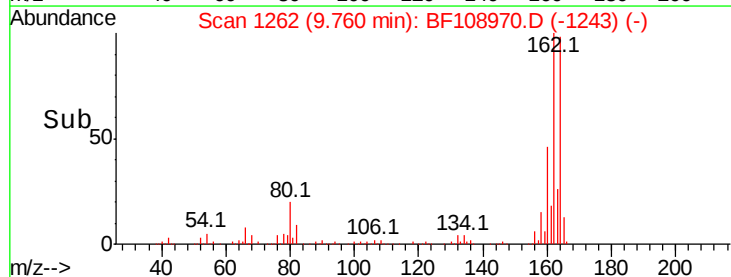
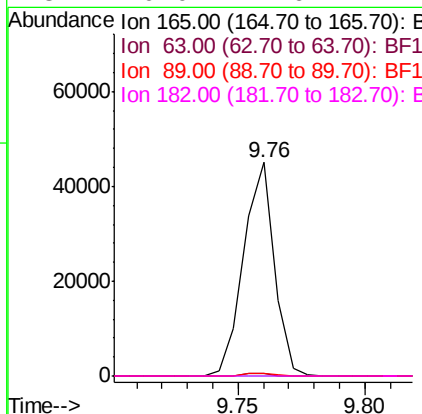
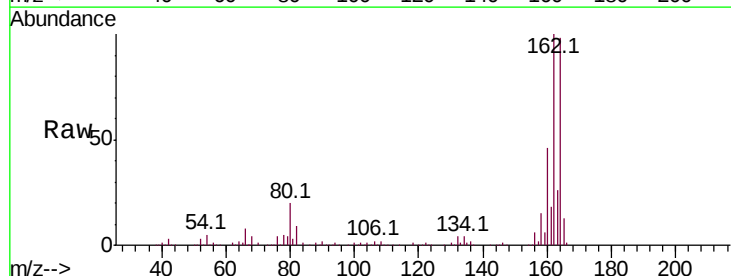
Instrument :
 BNA_F
 ClientSampleId :

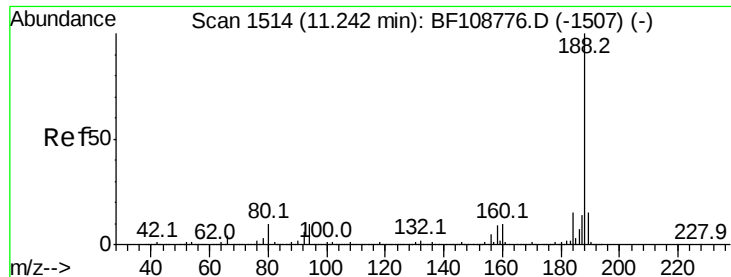
Tot Ion:	163	Resp:	301872
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 7.621 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108970.D
 Acq: 13 Sep 2018 17:56

Tgt Ion:	165	Resp:	37909
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

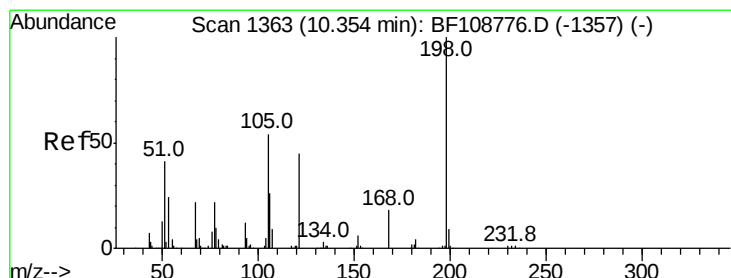
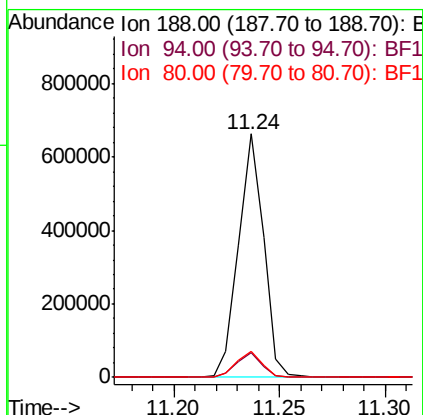
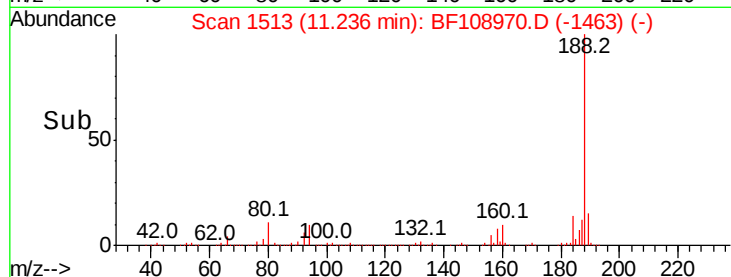
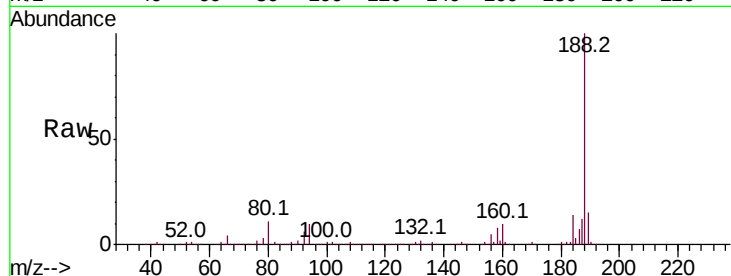




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

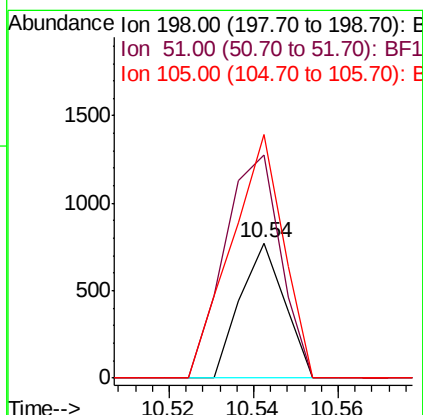
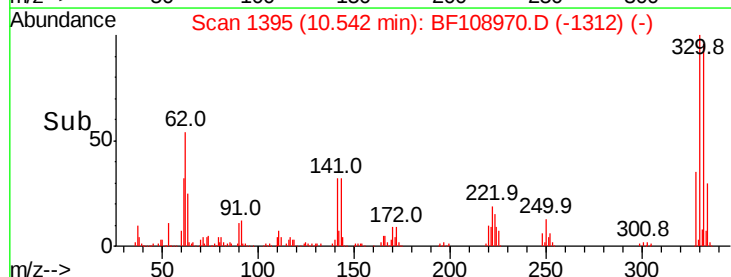
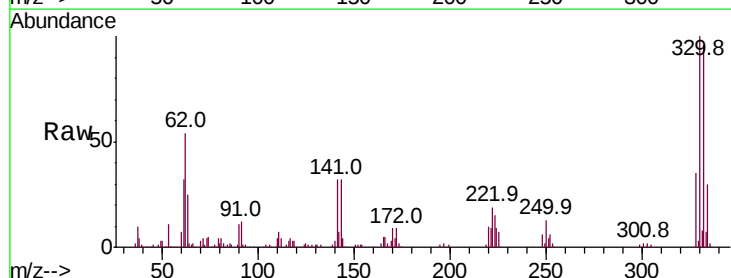
Instrument :
BNA_F
ClientSampleId :

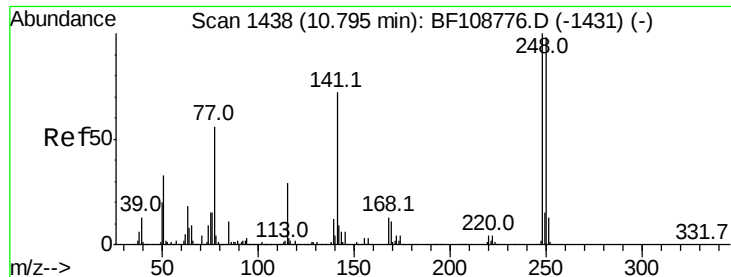
Tot Ion:188 Resp: 544978
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.094 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Tgt Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 165.4 37.7 77.7#
105 180.7 36.3 76.3#

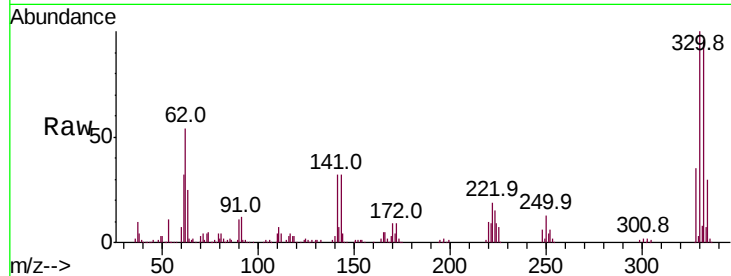




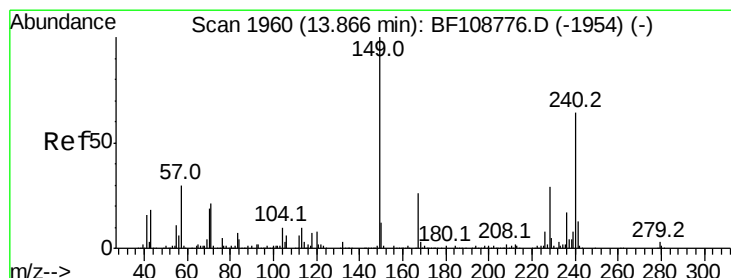
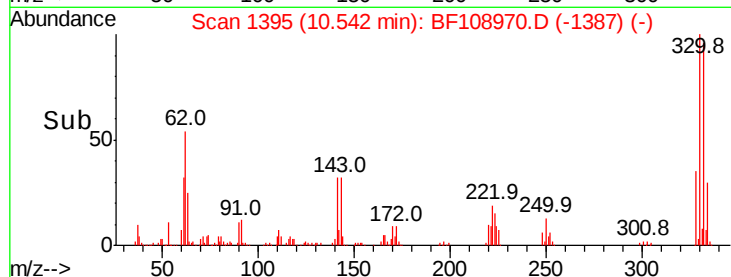
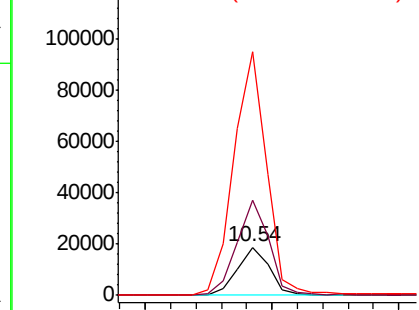
#66
4-Bromophenyl-phenylether
Concen: 2.656 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16351
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 507.4 74.4 111.6#

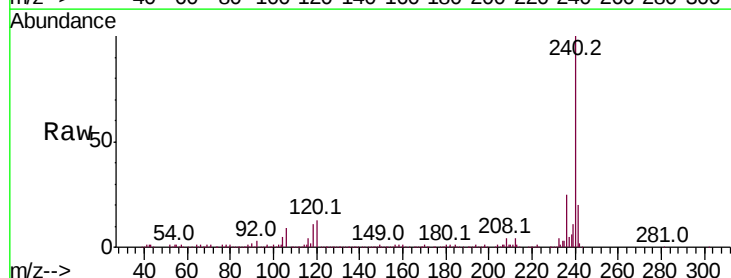


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

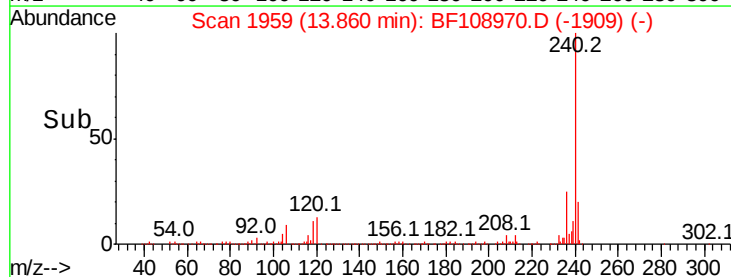
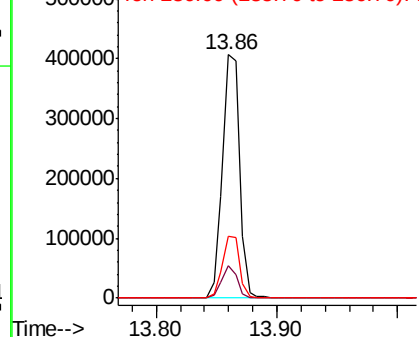


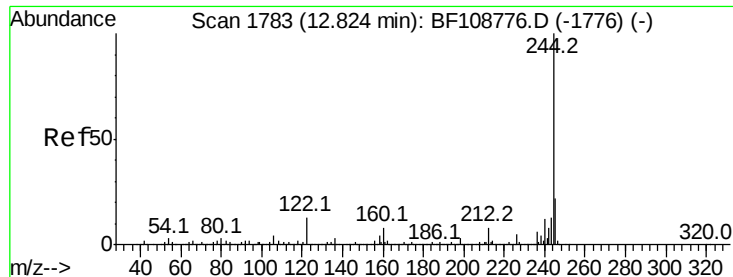
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108970.D
Acq: 13 Sep 2018 17:56

Tgt Ion:240 Resp: 396177
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.5 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: 75.428 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

Instrument :

BNA_F

ClientSampleId :

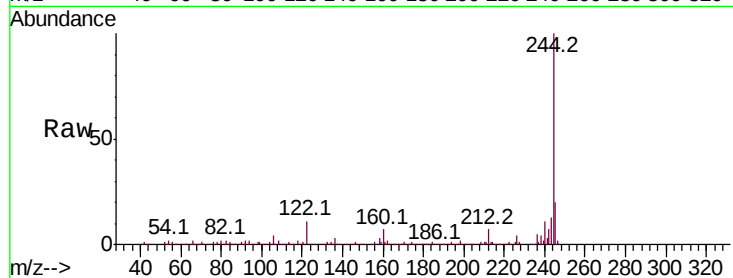
Tot Ion:244 Resp: 1281475

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

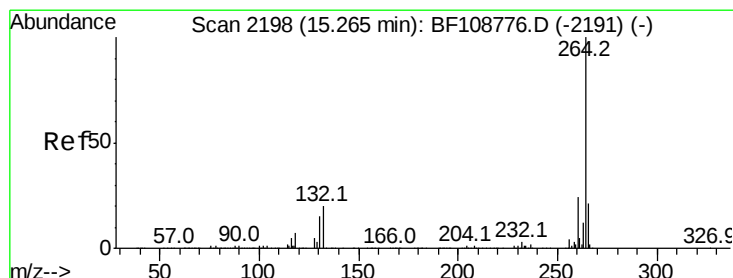
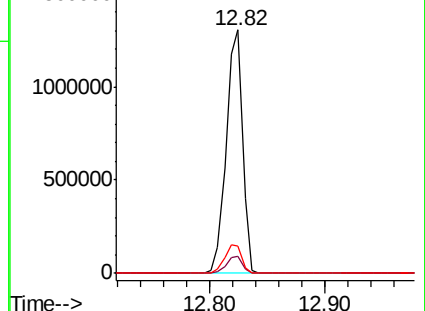
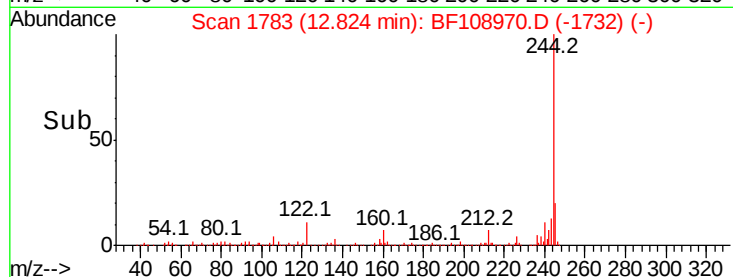
122 11.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108970.D

Acq: 13 Sep 2018 17:56

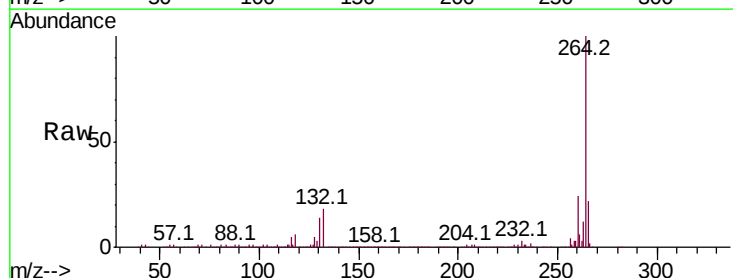
Tgt Ion:264 Resp: 401432

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

