

Data File : BF108923.D
Acq On : 11 Sep 2018 5:18
Operator : JU/SJ
Sample : J4830-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-M

Quant Time: Sep 11 08:20:08 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	144079	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	488942	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	189499	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	329659	20.00	ng	0.00
75) Chrysene-d12	13.87	240	359993	20.00	ng	0.00
86) Perylene-d12	15.28	264	249516	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	363581	41.81	ng	0.00
7) Phenol-d6	6.37	99	276742	24.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	854323	109.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	172577	95.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1345021	121.09	ng	0.00
78) Terphenyl-d14	12.83	244	1228295	79.56	ng	0.00

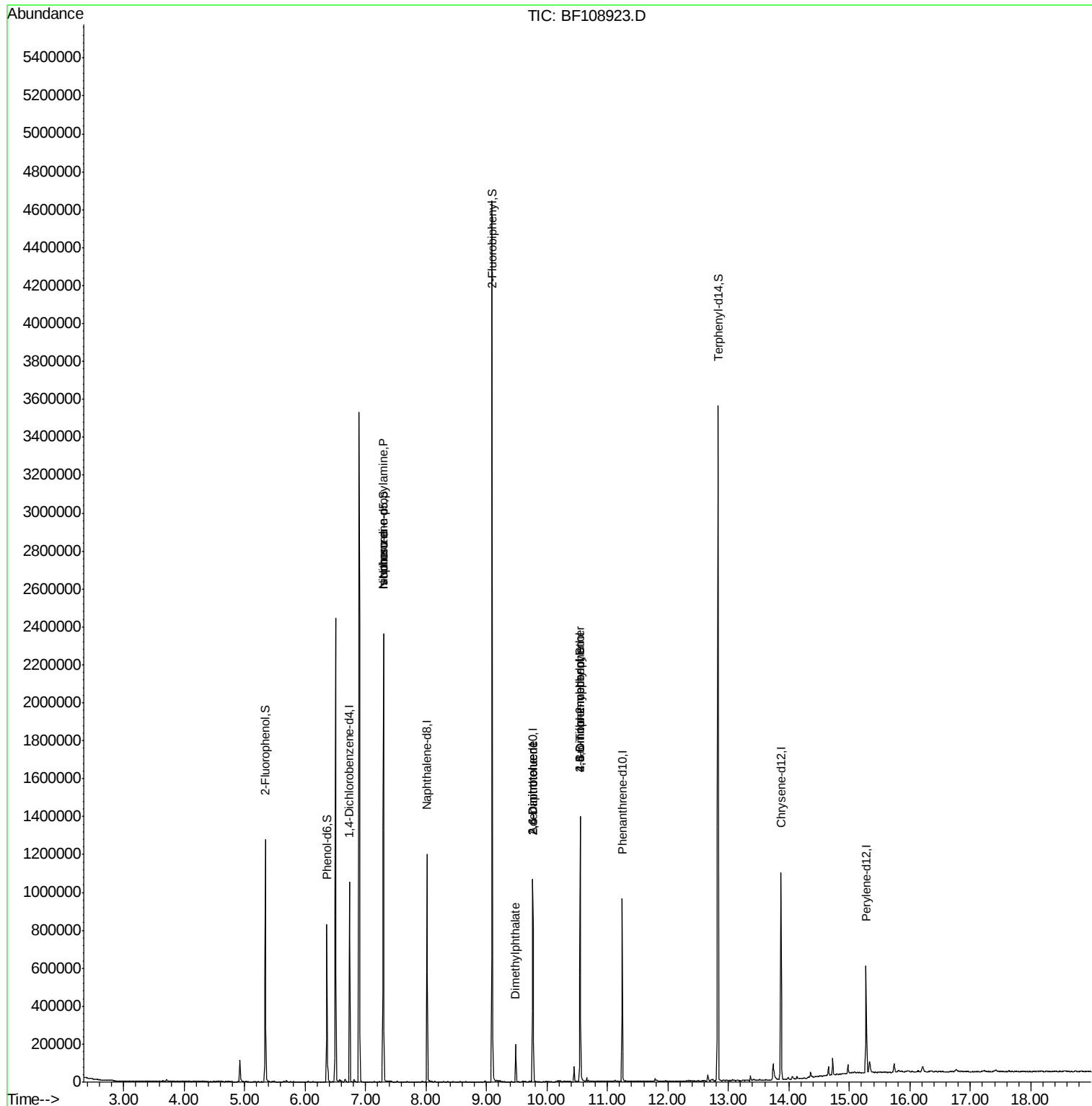
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	115728	14.879	ng	# 78
25) Isophorone	7.30	82	850033	54.544	ng	# 64
49) Dimethylphthalate	9.48	163	77258	5.829	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	23664	9.370	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	23664	7.327	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	401	7.133	ng	# 31
66) 4-Bromophenyl-phenylether	10.55	248	10384	2.789	ng	# 1

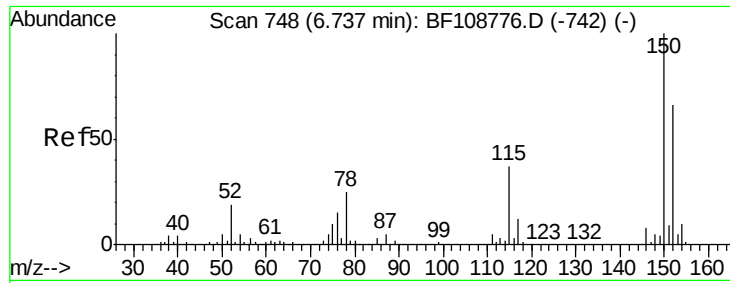
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF108923.D
Acq On : 11 Sep 2018 5:18
Operator : JU/SJ
Sample : J4830-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-M

Quant Time: Sep 11 08:20:08 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

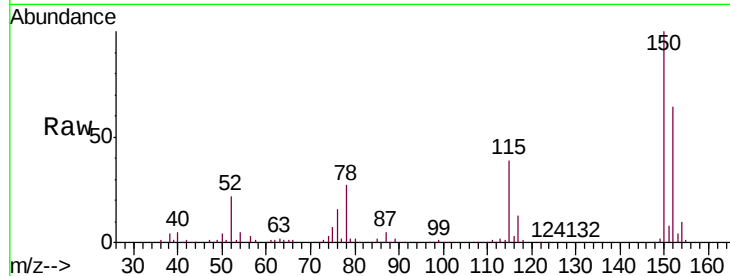




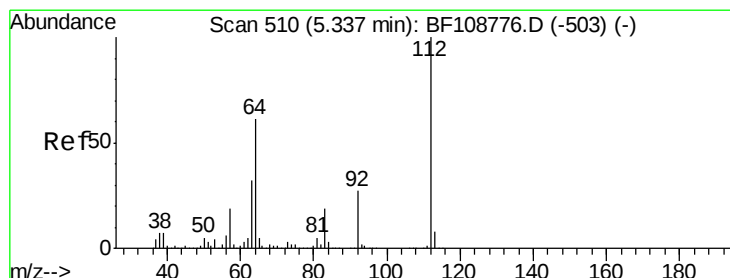
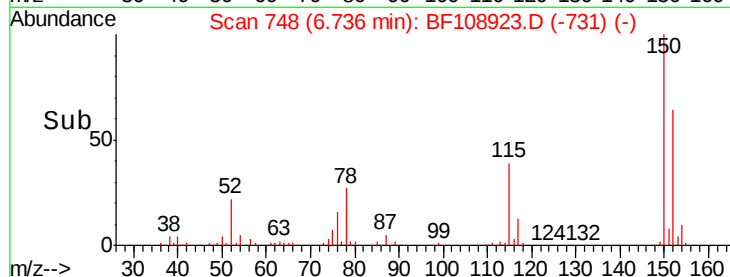
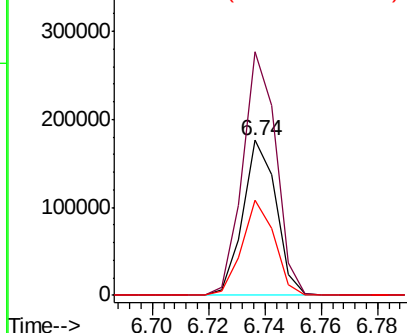
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-M

Tgt Ion:152 Resp: 144079
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.6 50.1 75.1

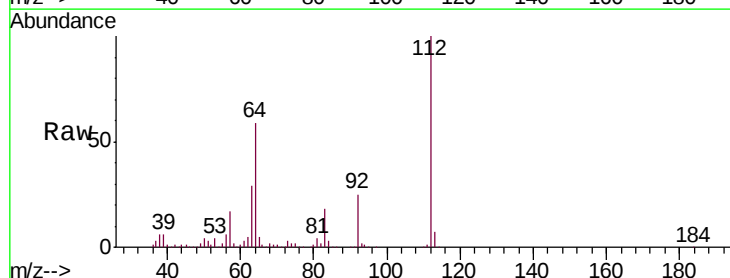


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

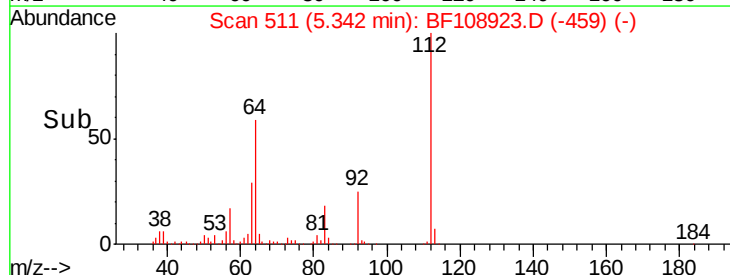
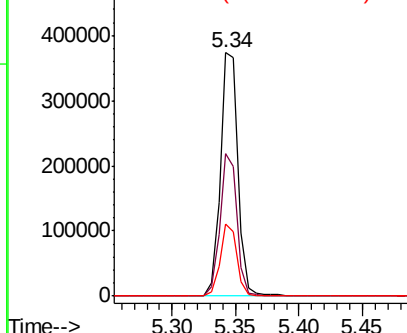


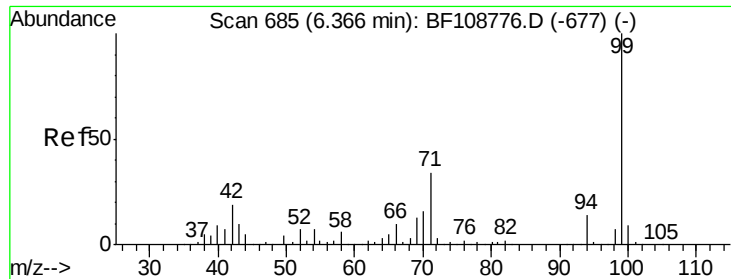
#5
 2-Fluorophenol
 Concen: 41.806 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Tgt Ion:112 Resp: 363581
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 29.5 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: 24.731 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-M

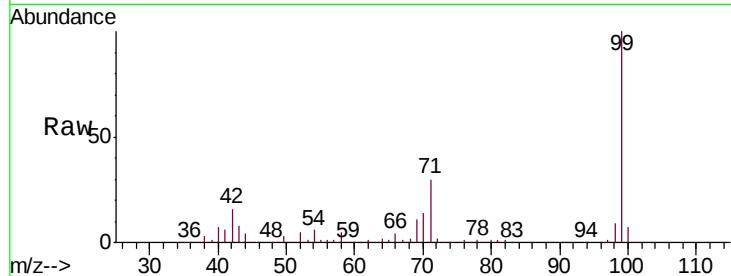
Tgt Ion: 99 Resp: 276742

Ion Ratio Lower Upper

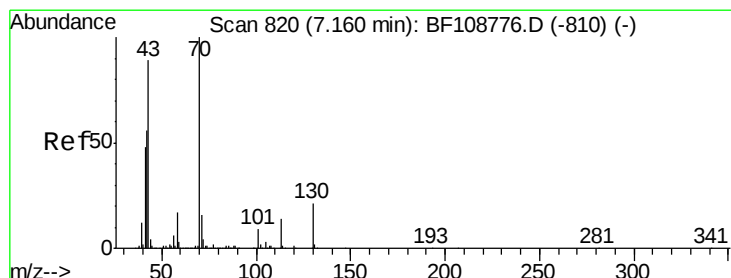
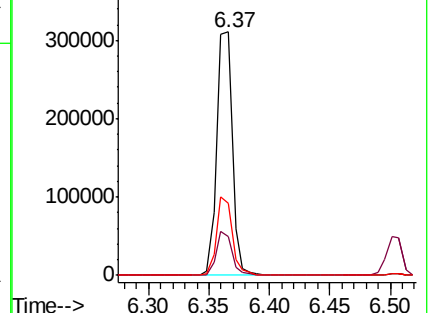
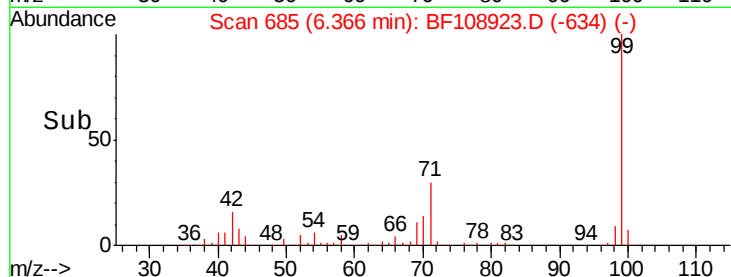
99 100

42 16.0 14.5 21.7

71 29.8 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: 14.879 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

Tgt Ion: 70 Resp: 115728

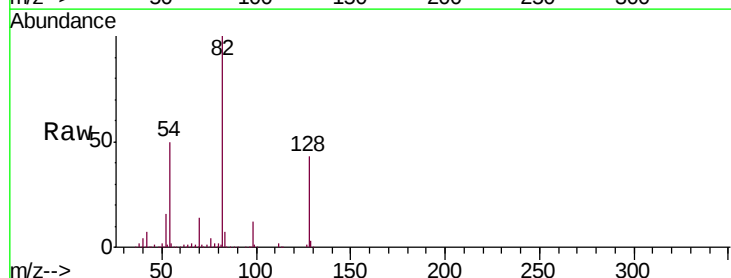
Ion Ratio Lower Upper

70 100

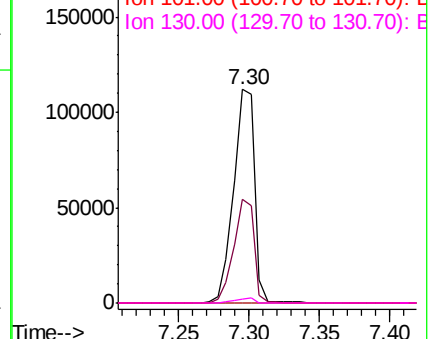
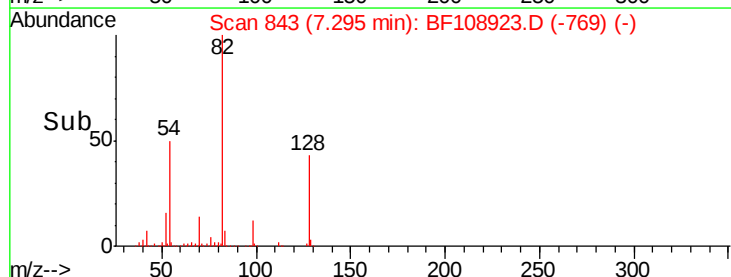
42 48.5 47.5 71.3

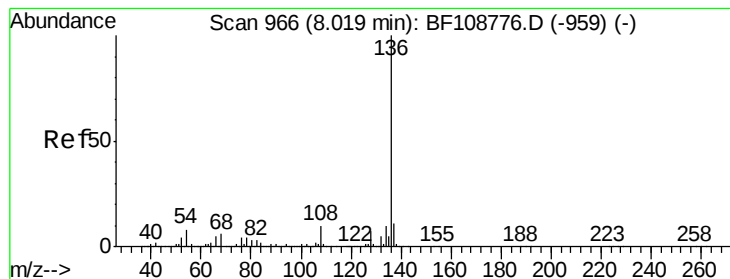
101 0.0 7.4 11.2#

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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-M

Tgt Ion: 136 Resp: 488942

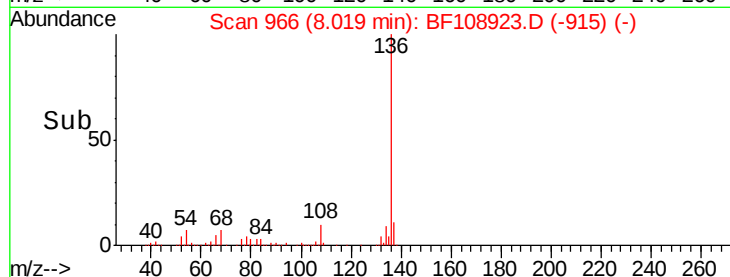
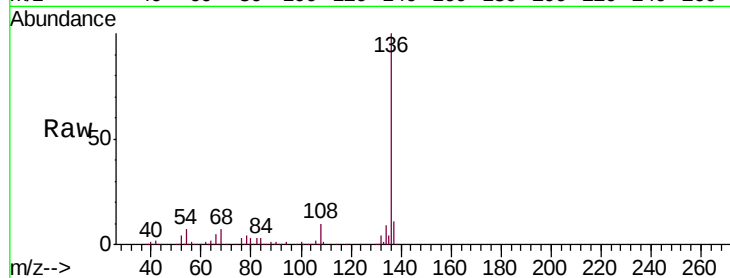
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

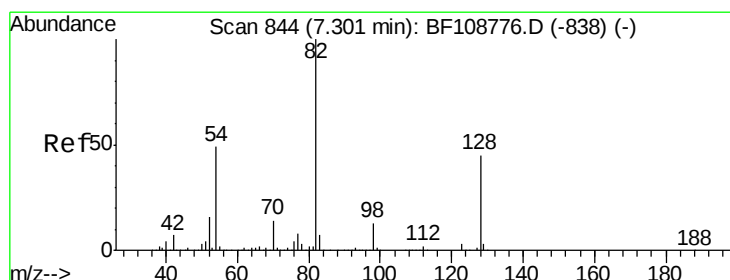
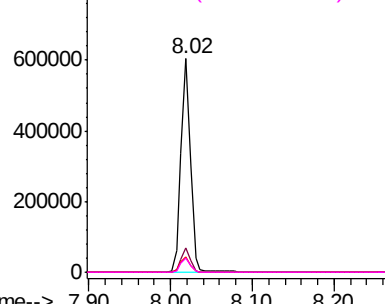


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.347 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

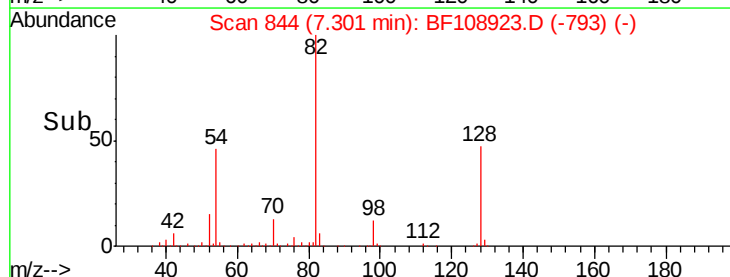
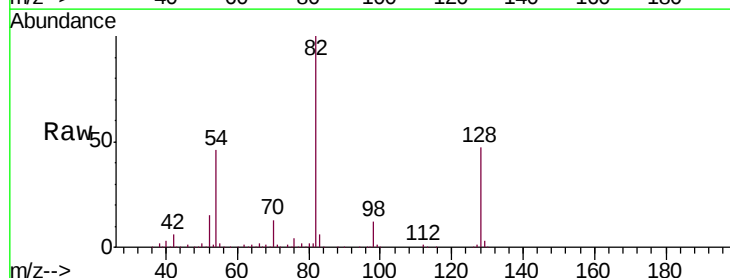
Tgt Ion: 82 Resp: 854323

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

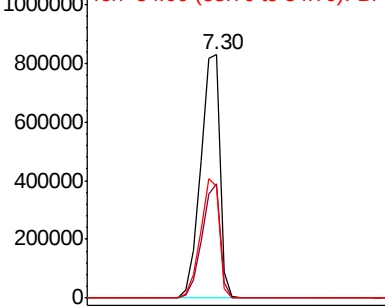
54 45.9 41.4 62.2

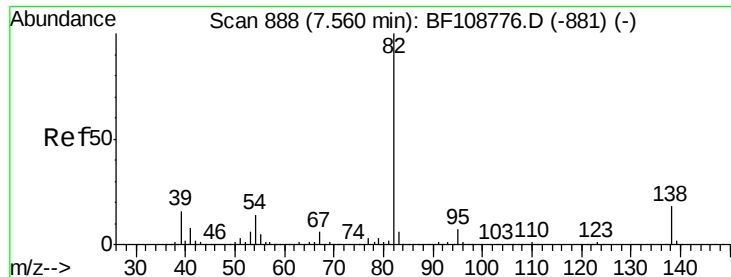


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.544 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-M

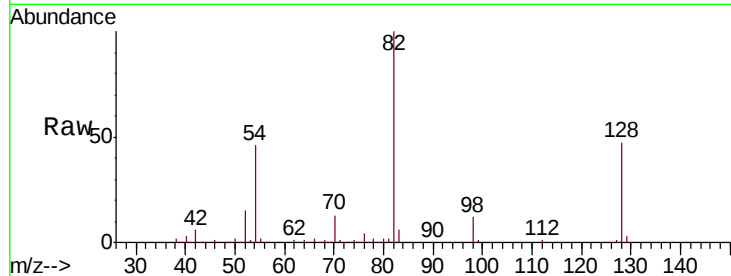
Tgt Ion: 82 Resp: 850033

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

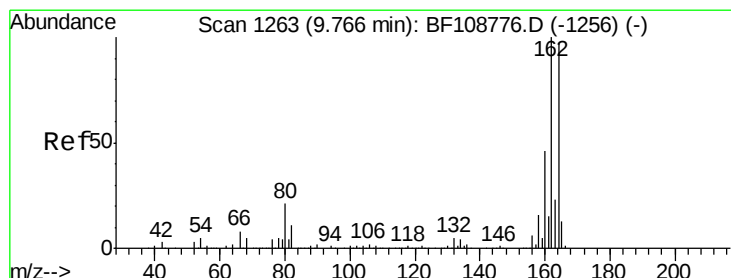
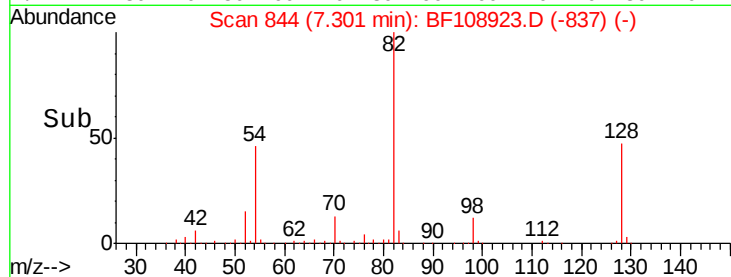
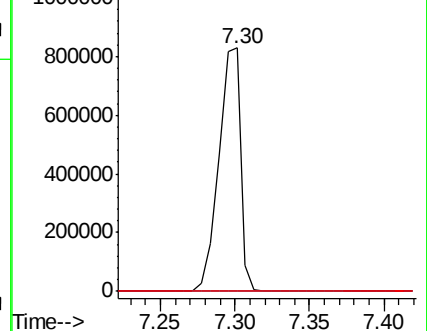
138 0.0 14.9 22.3#



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: BF108923.D

Acq: 11 Sep 2018 5:18

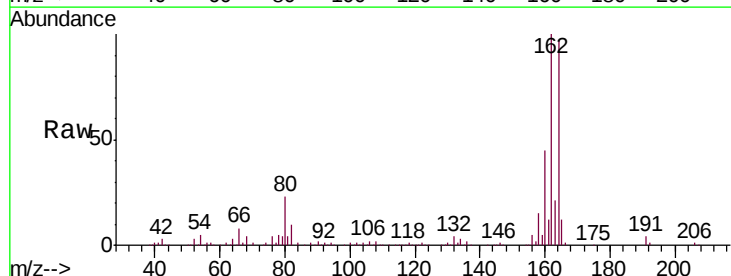
Tgt Ion: 164 Resp: 189499

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

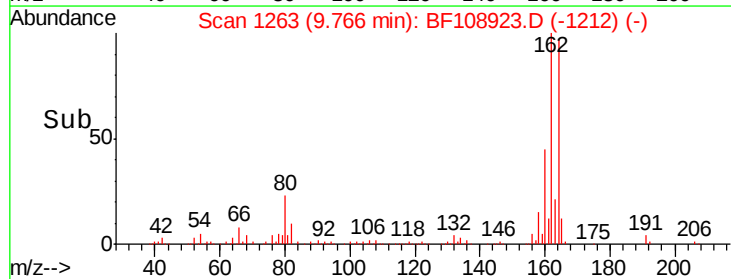
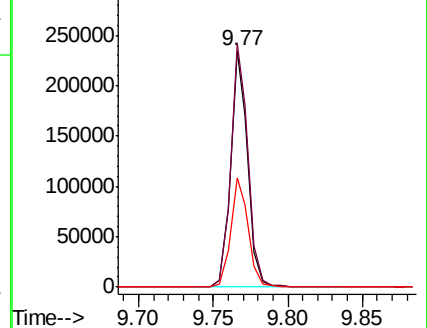
160 46.0 38.3 57.5

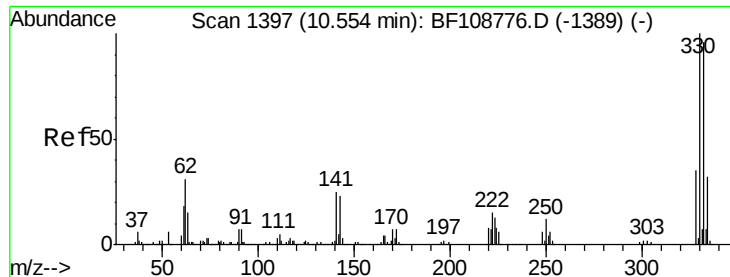


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

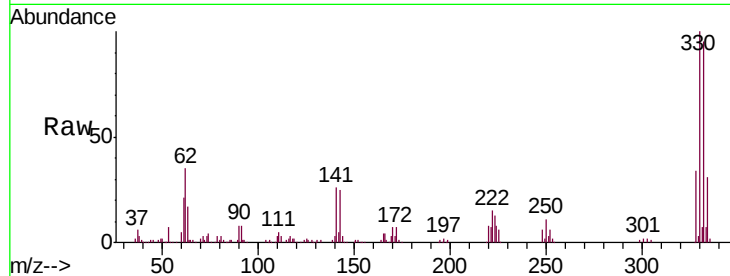




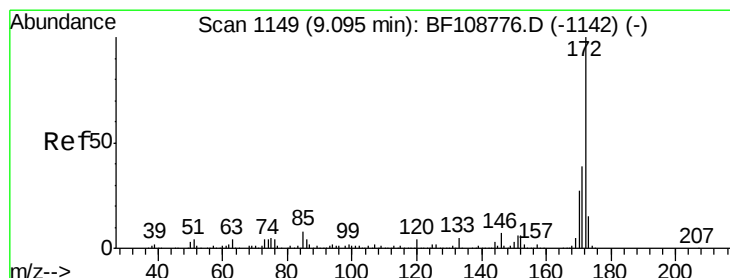
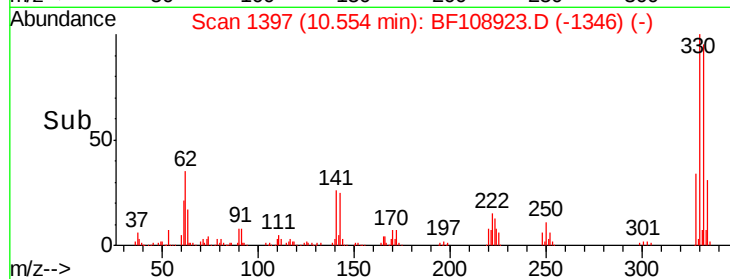
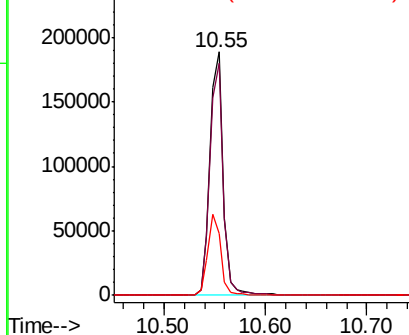
#41
 2,4,6-Tribromophenol
 Concen: 95.397 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.5	29.9	44.9

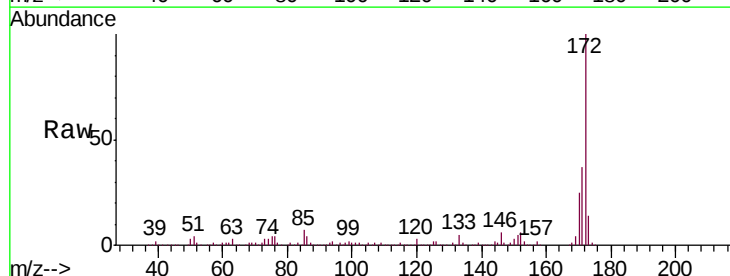


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

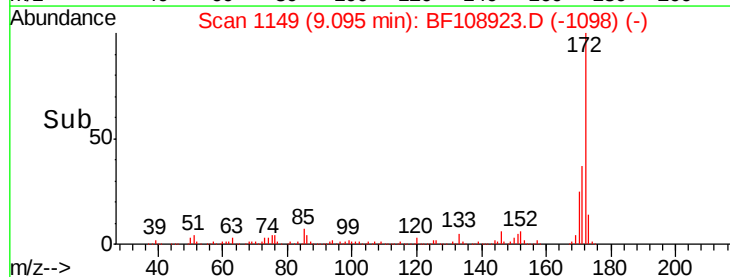
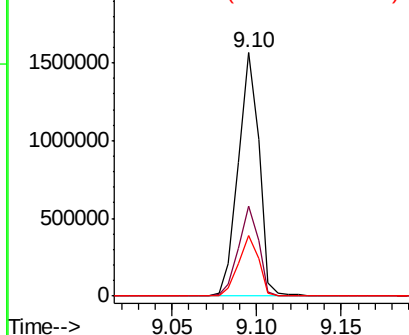


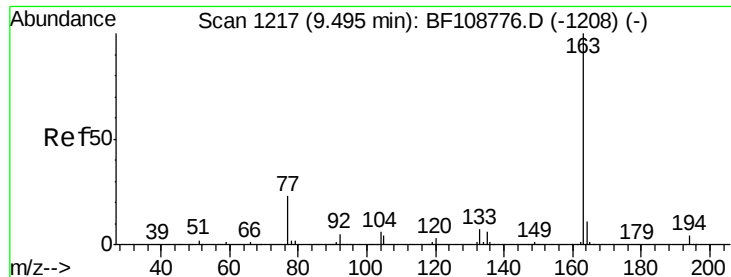
#44
 2-Fluorobiphenyl
 Concen: 121.087 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	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: 5.829 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-M

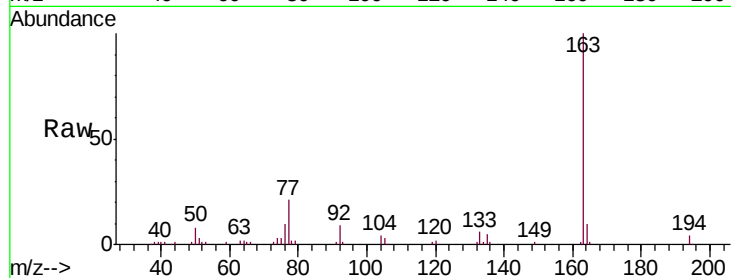
Tgt Ion:163 Resp: 77258

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

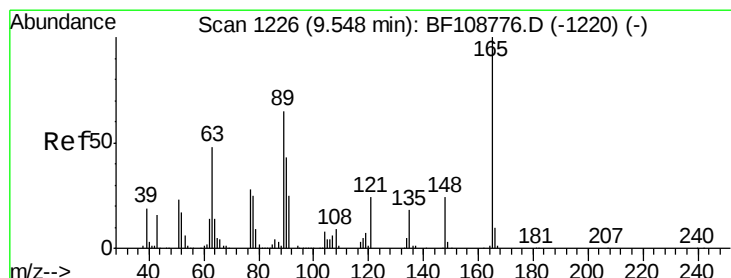
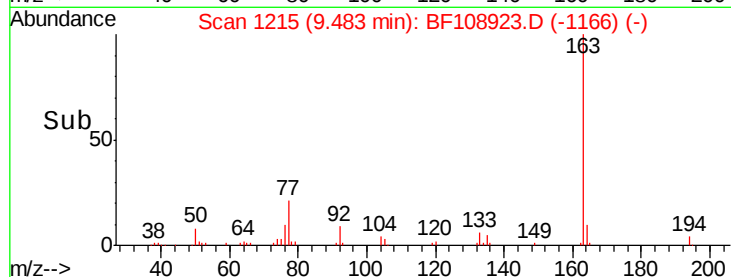
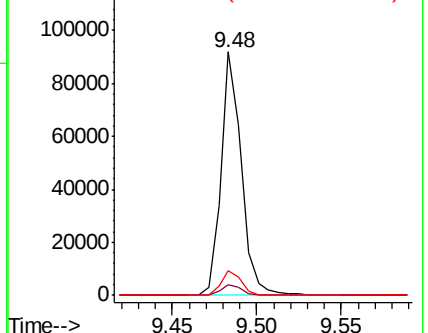
164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 9.370 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.22 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

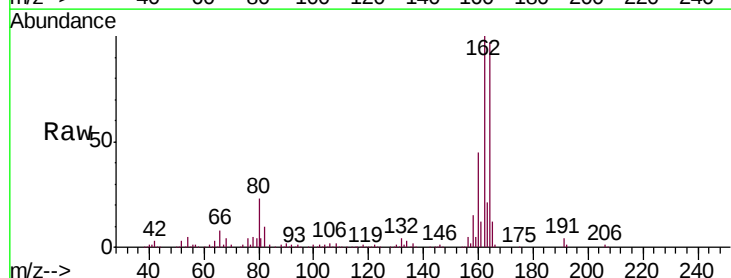
Tgt Ion:165 Resp: 23664

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

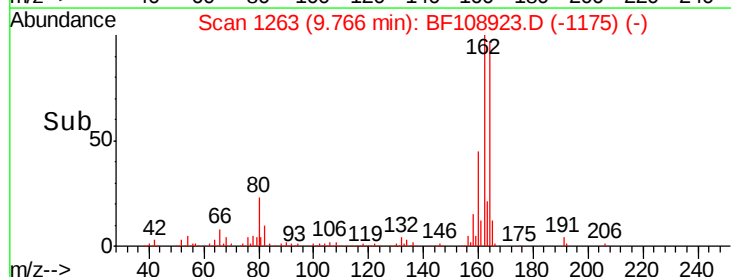
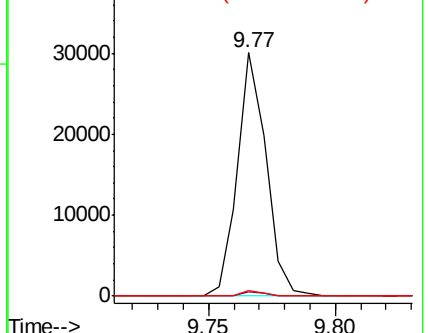
89 2.0 44.0 66.0#

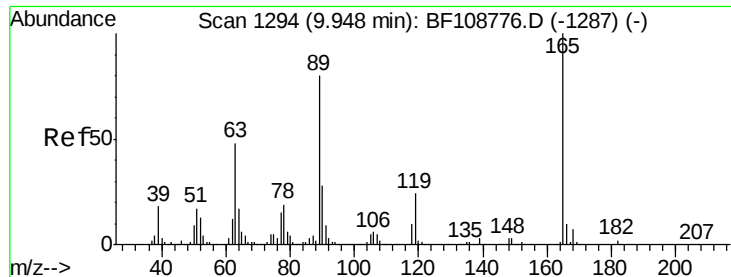


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

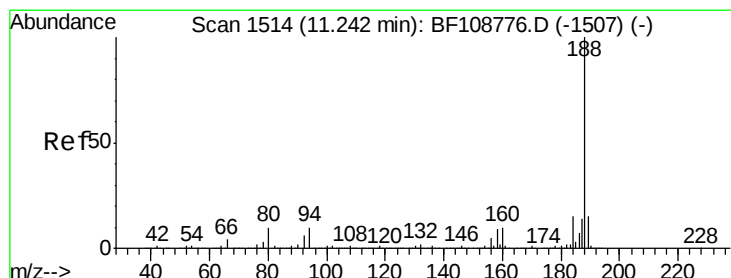
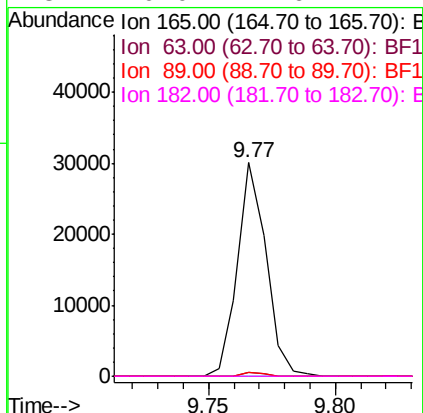
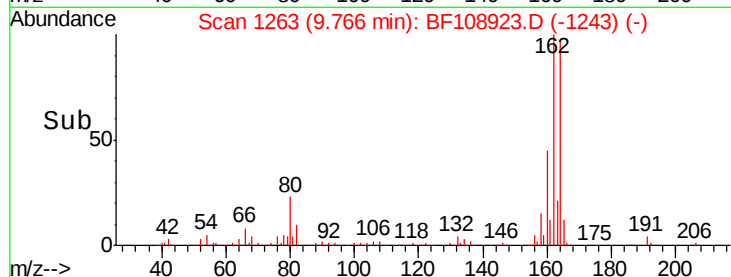
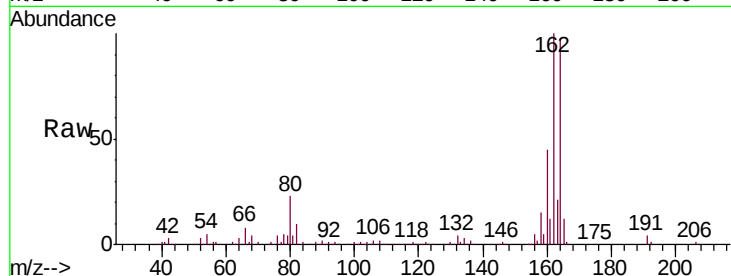




#56
 2,4-Dinitrotoluene
 Concen: 7.327 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

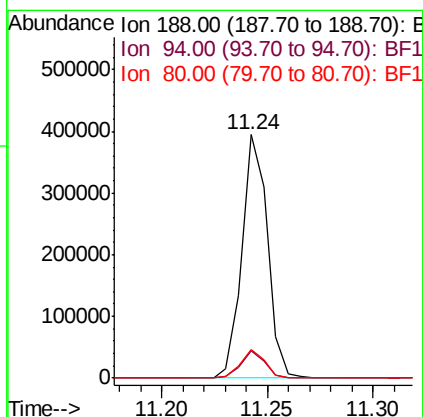
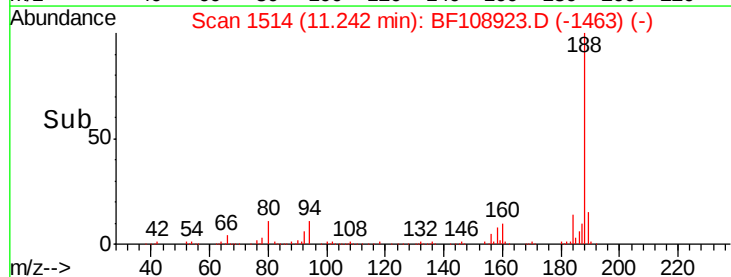
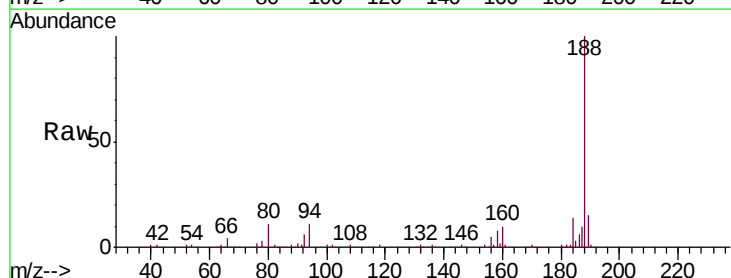
Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-M

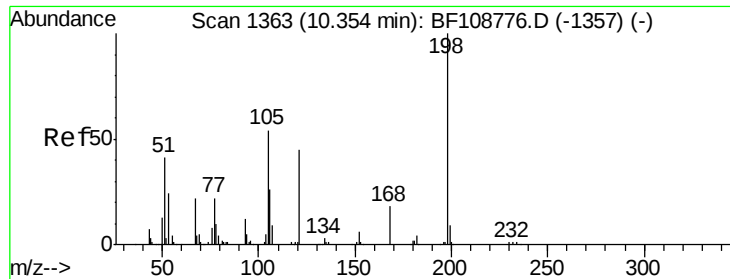
Tgt Ion:	165	Resp:	23664
Ion Ratio	Lower	Upper	
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Tgt Ion:	188	Resp:	329659
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	11.5	9.2	13.8

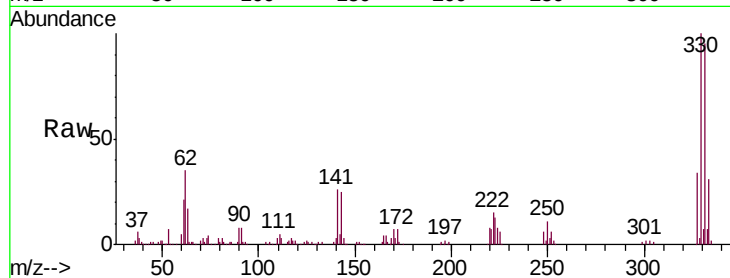




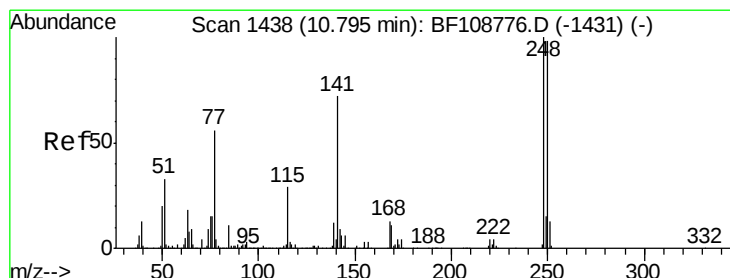
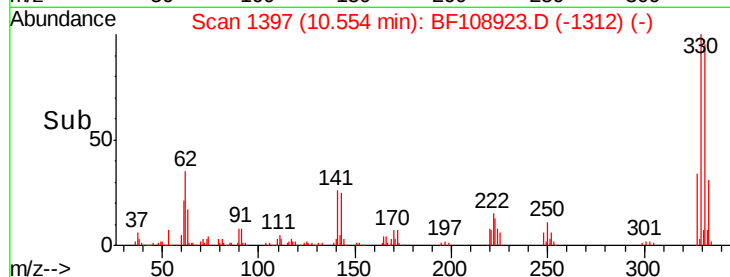
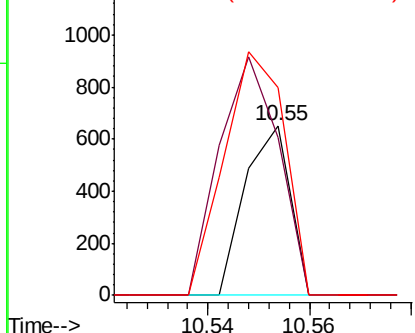
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.133 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-M

Tgt Ion:198 Resp: 401
 Ion Ratio Lower Upper
 198 100
 51 93.1 37.7 77.7#
 105 122.7 36.3 76.3#

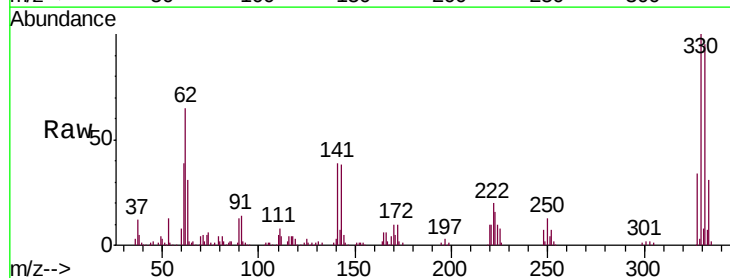


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

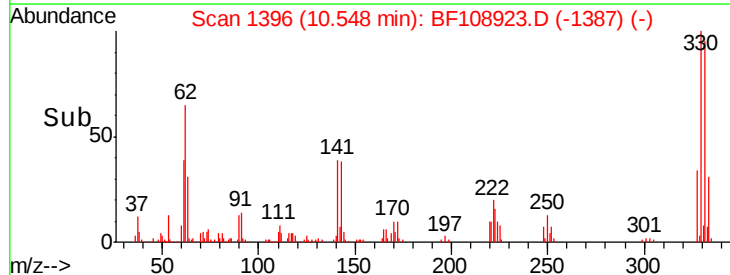
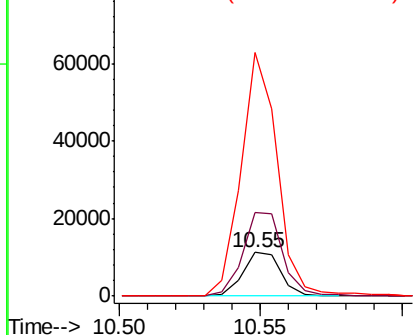


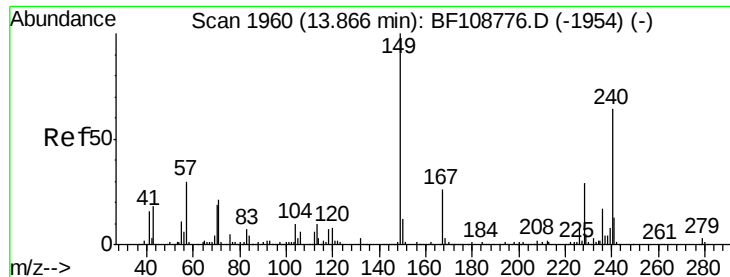
#66
 4-Bromophenyl-phenylether
 Concen: 2.789 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108923.D
 Acq: 11 Sep 2018 5:18

Tgt Ion:248 Resp: 10384
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.9 115.3#
 141 554.9 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# 1961

Delta R.T. 0.01 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-M

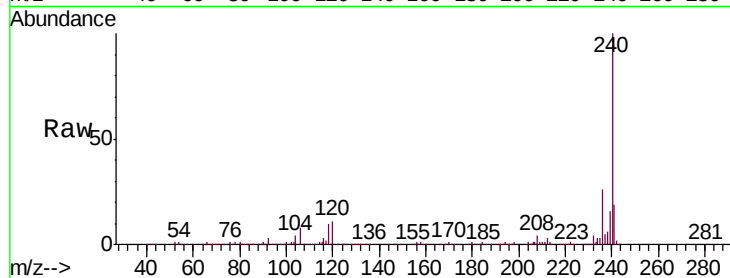
Tgt Ion:240 Resp: 359993

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

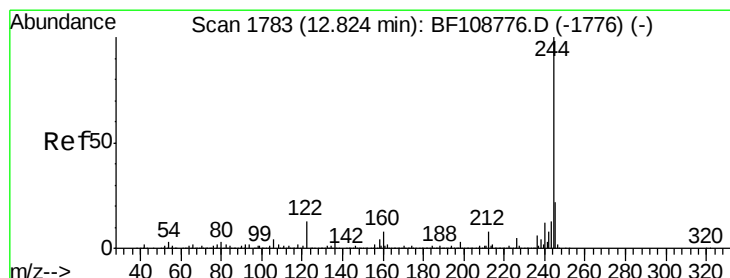
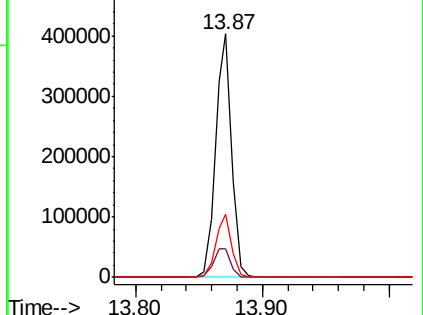
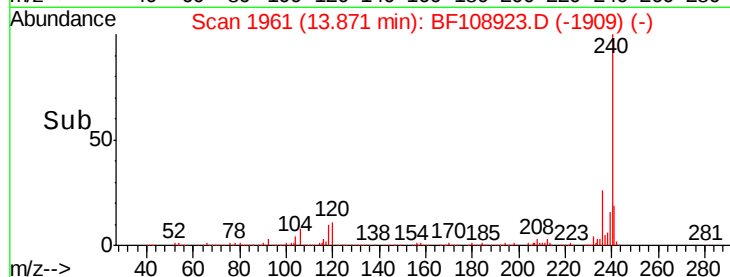
236 26.1 20.7 31.1



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: 79.564 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108923.D

Acq: 11 Sep 2018 5:18

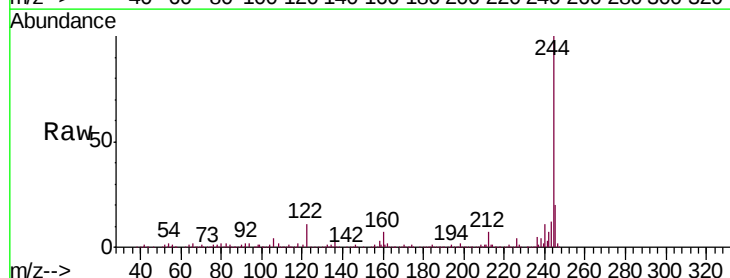
Tgt Ion:244 Resp: 1228295

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

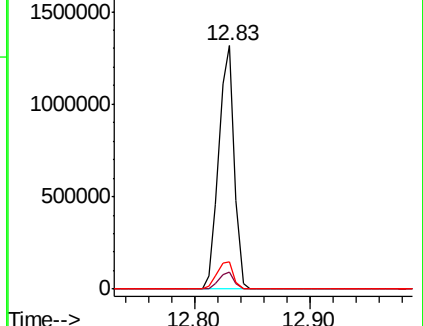
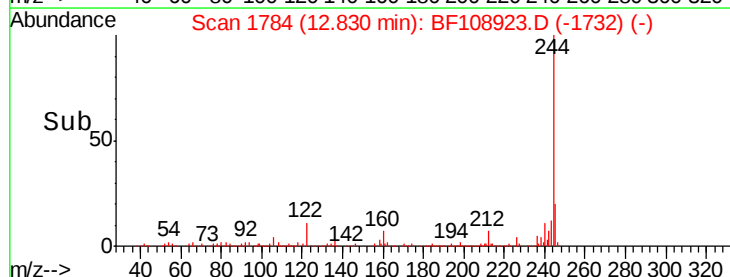
122 11.3 11.0 16.4

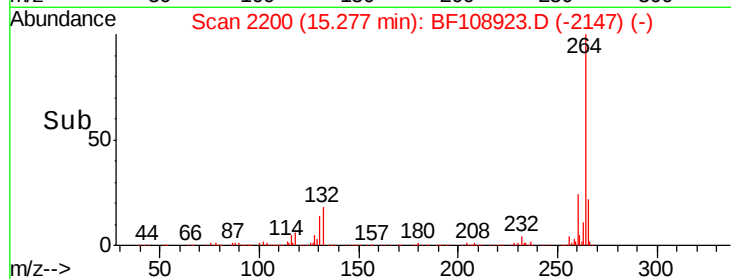
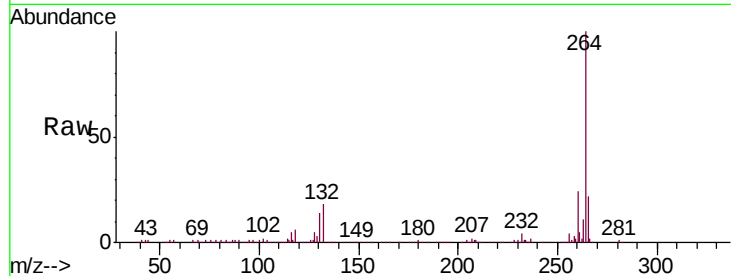
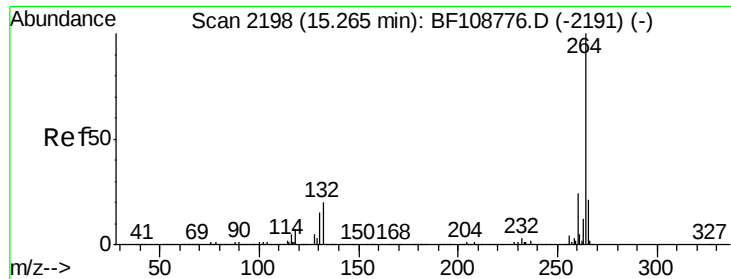


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108923.D
Acq: 11 Sep 2018 5:18

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.5	26.3

