

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109457.D
 Acq On : 29 Sep 2018 4:14
 Operator : JU/SJ
 Sample : J5133-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-S

Quant Time: Oct 01 03:09:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

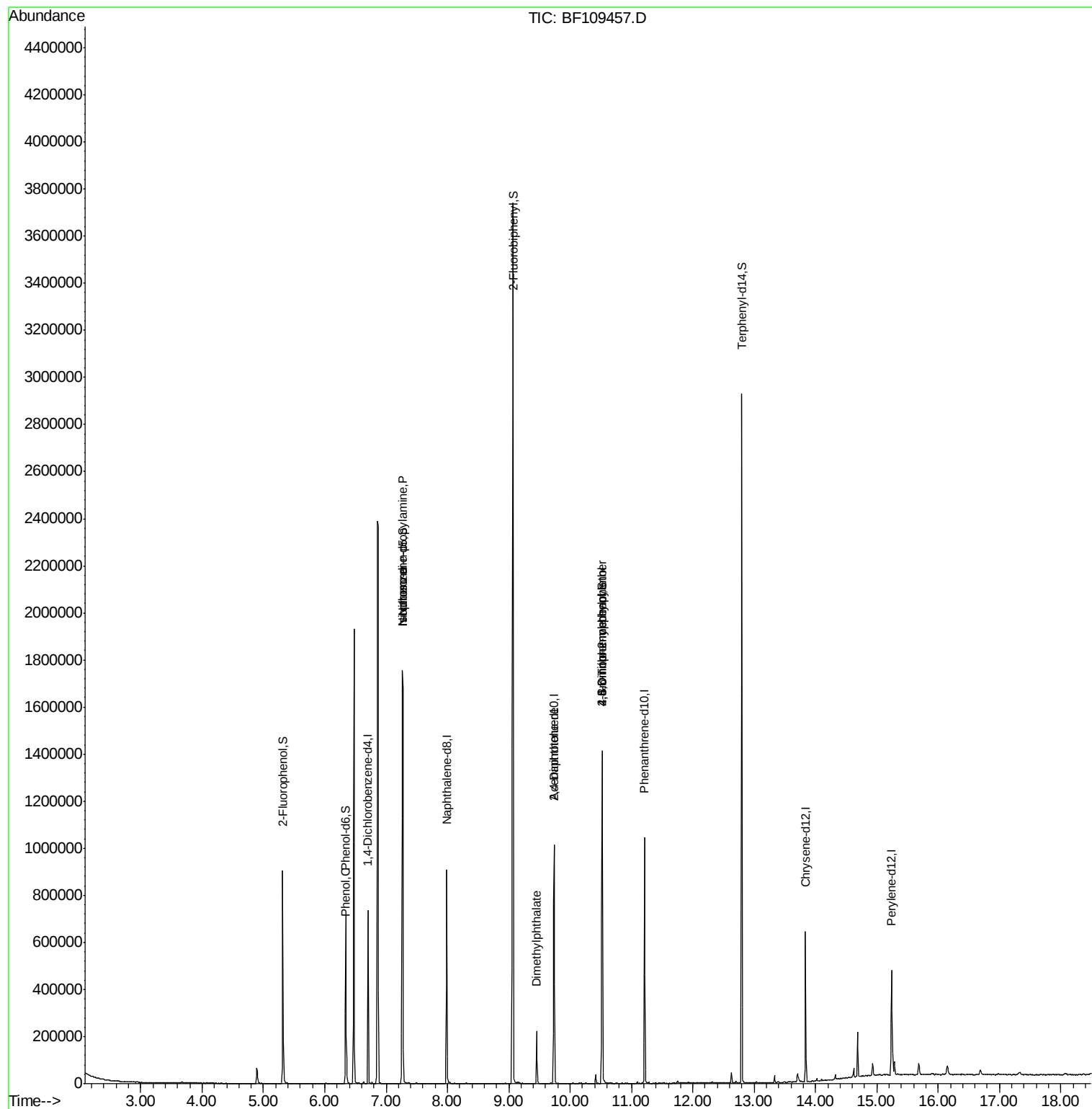
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107142	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	402460	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	190301	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	357798	20.00	ng	0.00
75) Chrysene-d12	13.84	240	209524	20.00	ng	0.00
86) Perylene-d12	15.24	264	213927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	252254	38.78	ng	0.00
7) Phenol-d6	6.34	99	214814	25.88	ng	-0.02
23) Nitrobenzene-d5	7.27	82	697807	102.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	169936	90.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1224425	97.04	ng	0.00
78) Terphenyl-d14	12.80	244	1065658	124.82	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27451	2.920	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	95404	17.541	ng	# 78
25) Isophorone	7.27	82	662367	53.952	ng	# 64
49) Dimethylphthalate	9.46	163	86122	6.222	ng	99
56) 2,4-Dinitrotoluene	9.74	165	24007	6.921	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	156	6.614	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10481	2.638	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: 6.70 min Scan# 785

Delta R.T. -0.01 min

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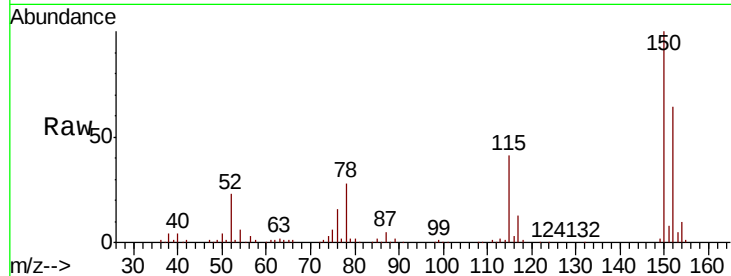
Tgt Ion:152 Resp: 107142

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

115 63.6 50.1 75.1

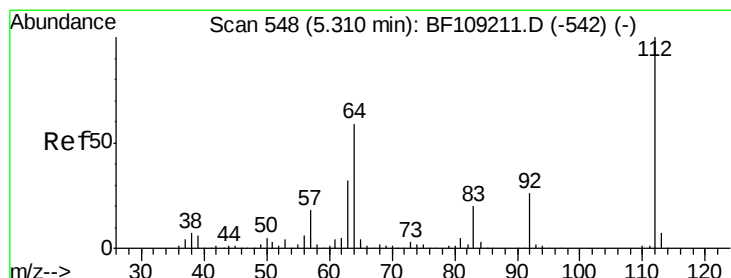
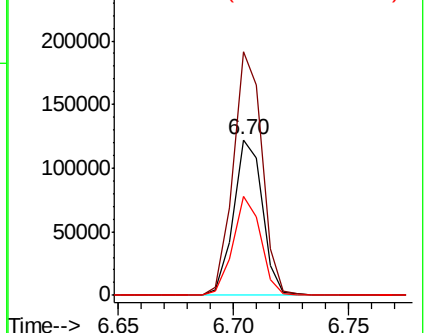
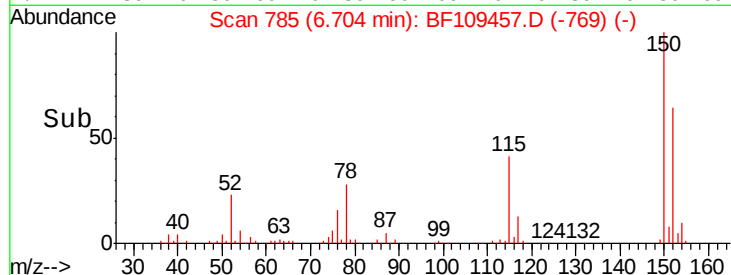


Abundance

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: 38.779 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

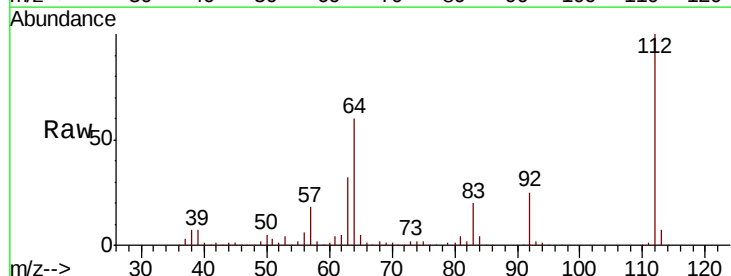
Tgt Ion:112 Resp: 252254

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

63 31.6 23.7 35.5

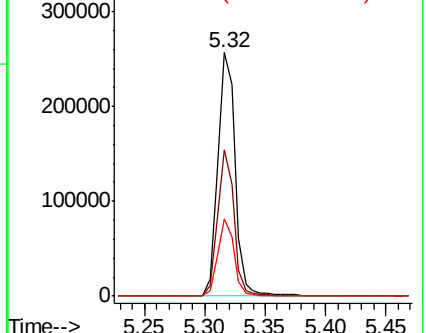
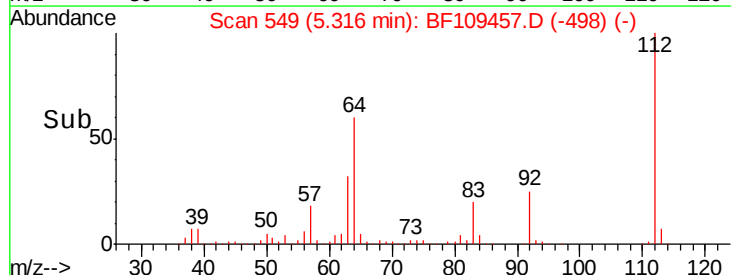


Abundance

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: 25.879 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

Instrument :

BNA_F

ClientSampleId :

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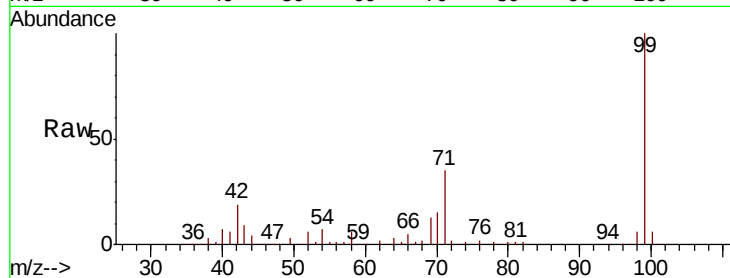
Tgt Ion: 99 Resp: 214814

Ion Ratio Lower Upper

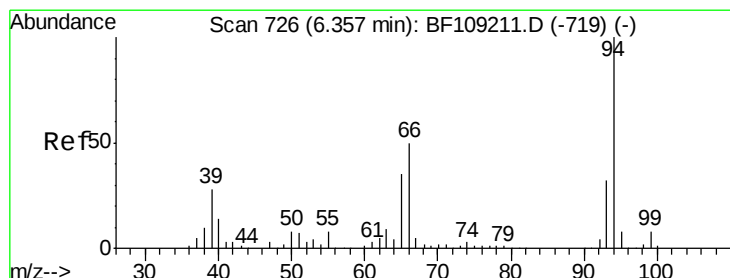
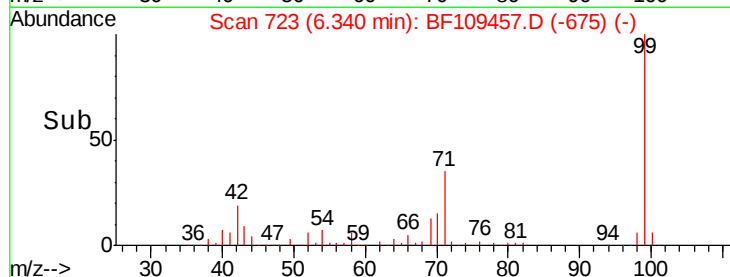
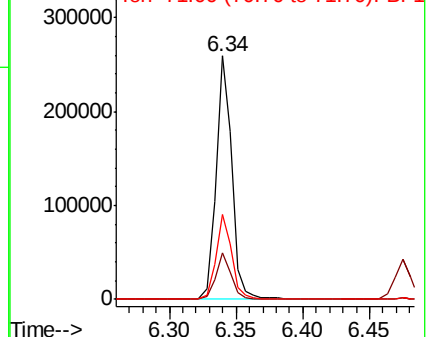
99 100

42 18.9 14.5 21.7

71 34.7 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



#10

Phenol

Concen: 2.920 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

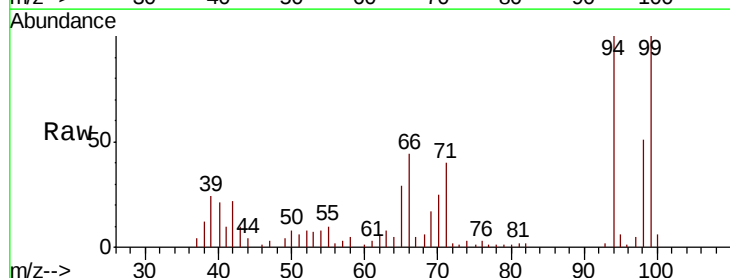
Tgt Ion: 94 Resp: 27451

Ion Ratio Lower Upper

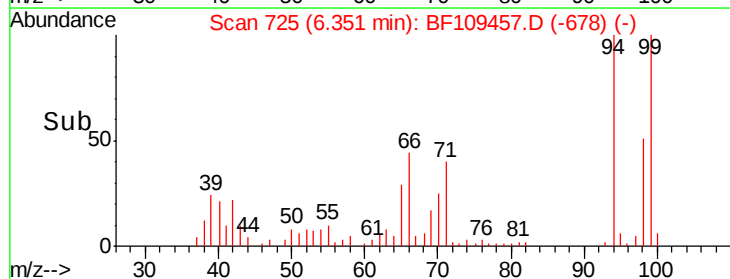
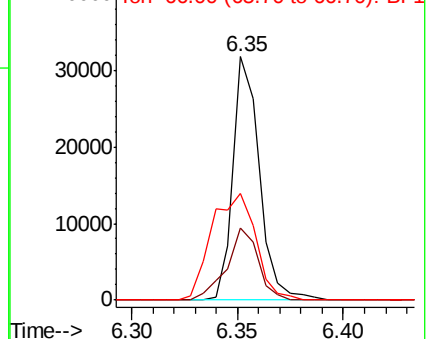
94 100

65 29.6 7.9 47.9

66 44.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

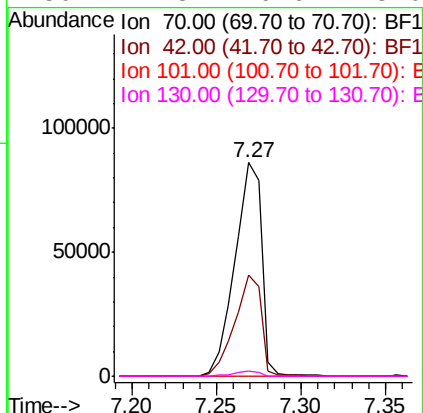
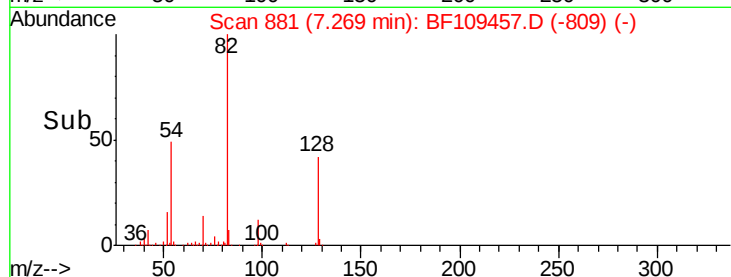
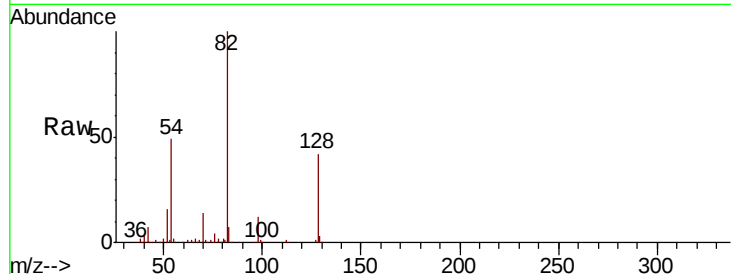




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.541 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.12 min
 Lab File: BF109457.D
 Acq: 29 Sep 2018 4:14

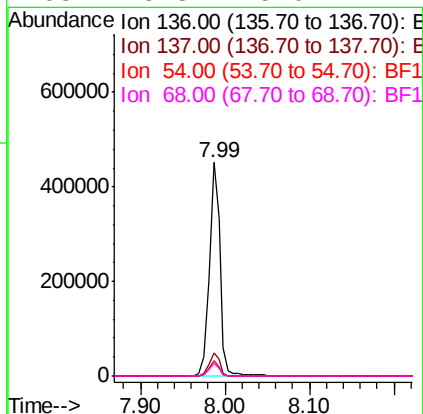
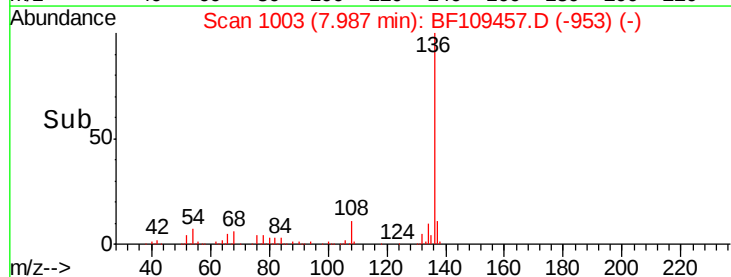
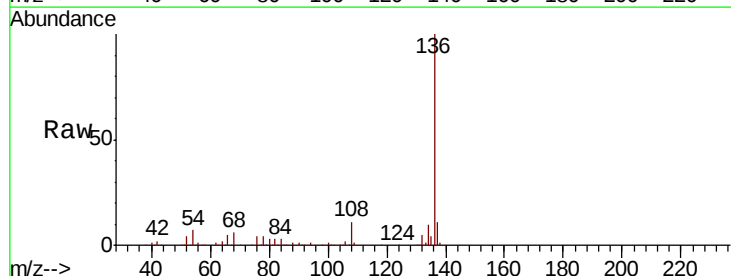
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-S

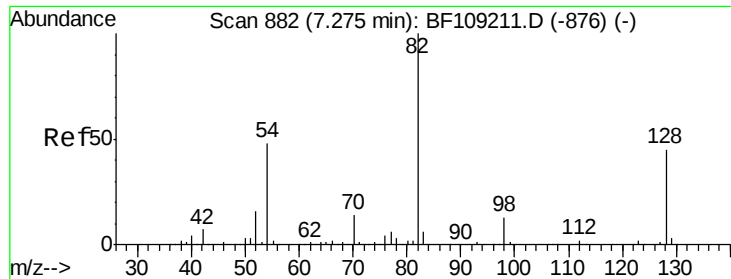
Tgt Ion:	70	Resp:	95404
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF109457.D
 Acq: 29 Sep 2018 4:14

Tgt Ion:	136	Resp:	402460
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

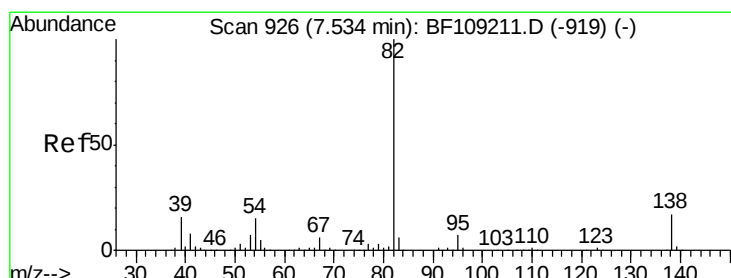
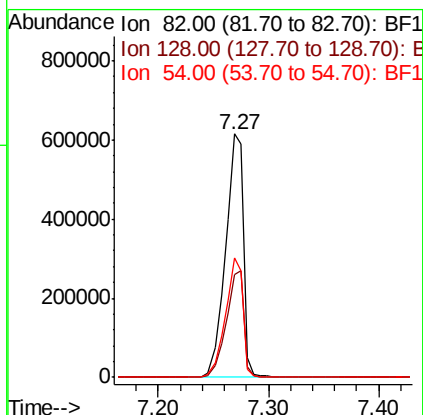
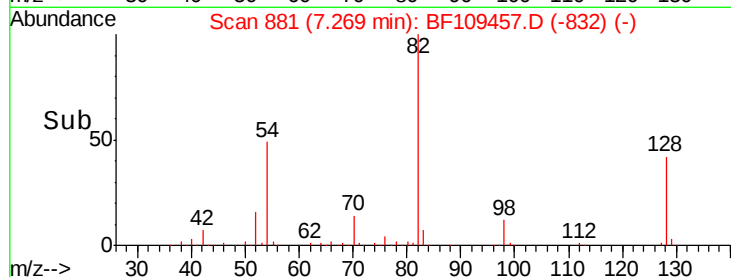
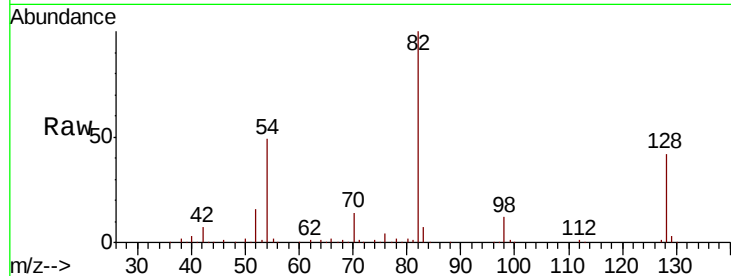




#23
Nitrobenzene-d5
Concen: 102.352 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

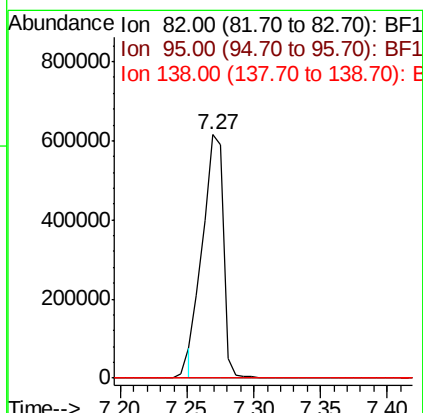
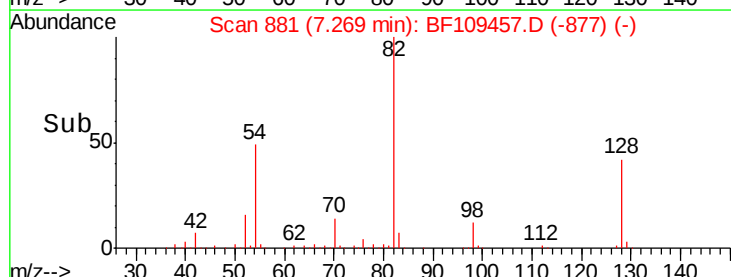
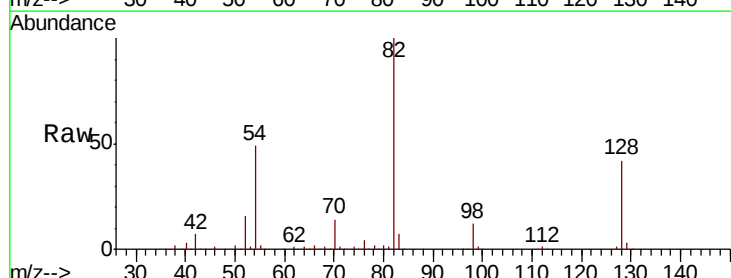
Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-S

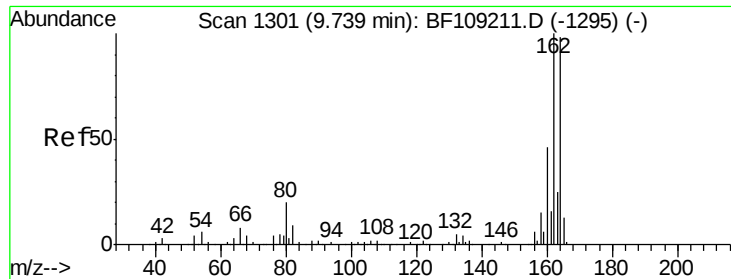
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	49.0	41.4	62.2



#25
Isophorone
Concen: 53.952 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

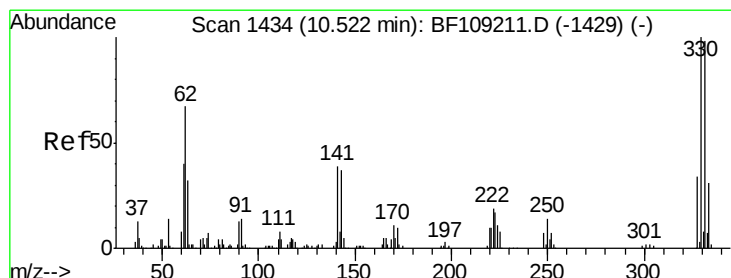
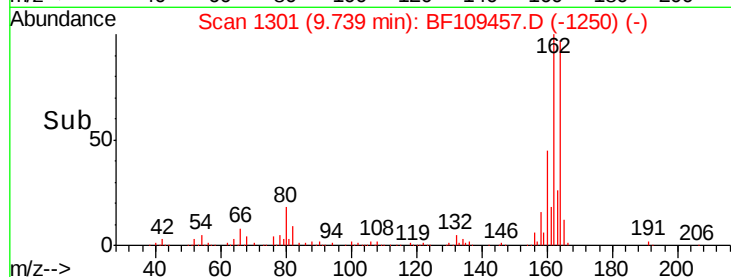
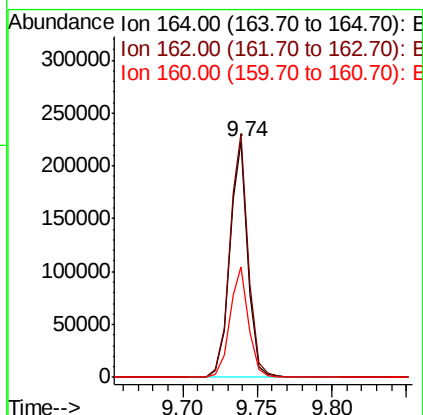
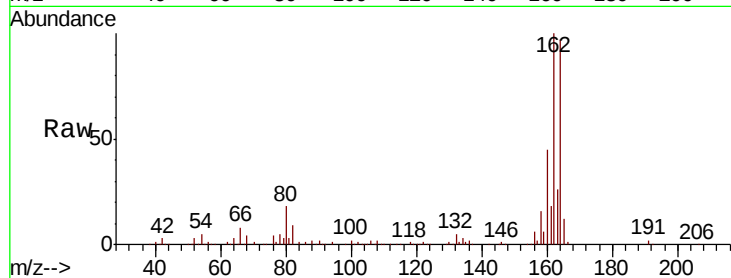




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109457.D
 Acq: 29 Sep 2018 4:14

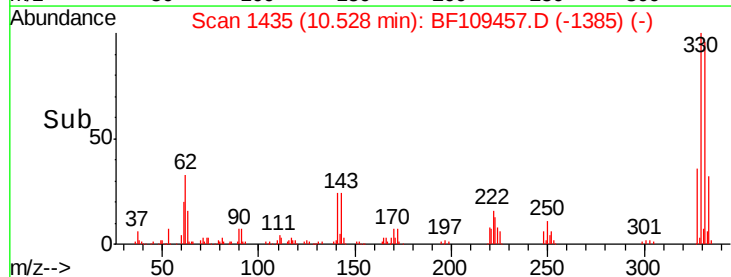
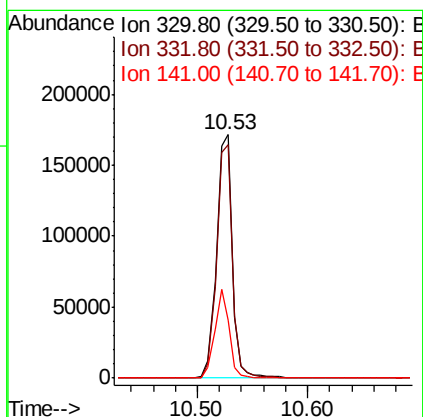
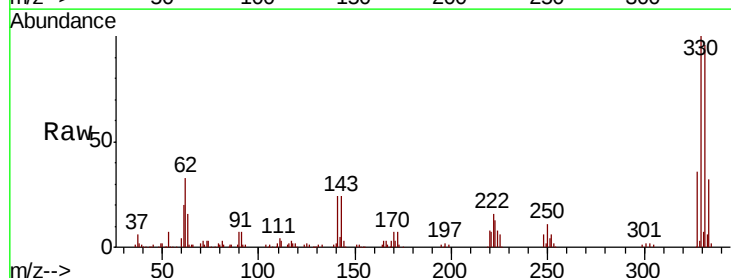
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-S

Tgt Ion:164 Resp: 190301
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.586 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109457.D
 Acq: 29 Sep 2018 4:14

Tgt Ion:330 Resp: 169936
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.9 29.9 44.9

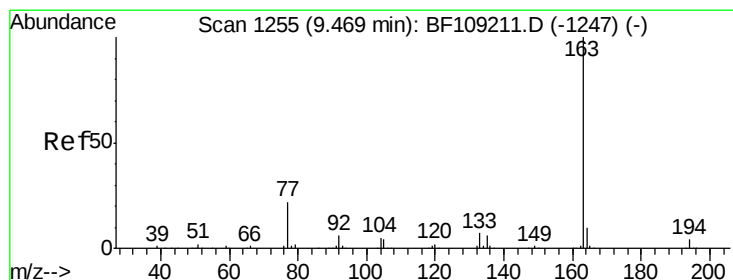
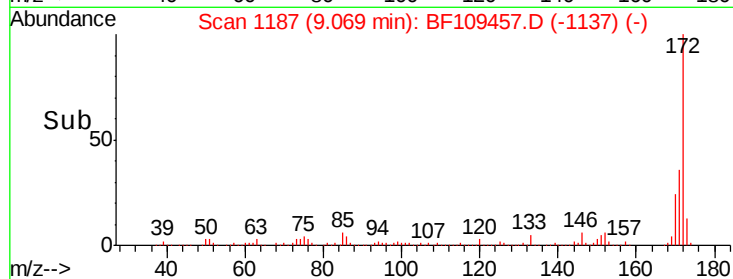
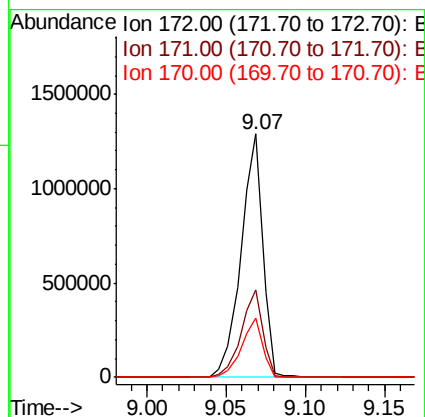
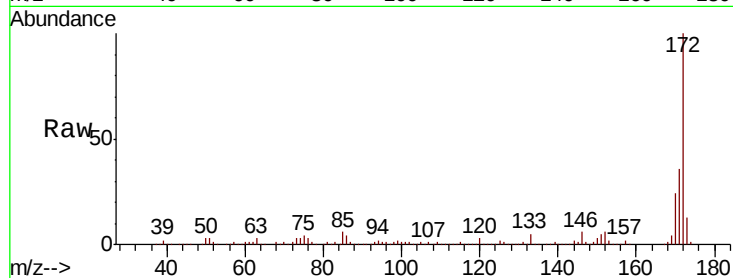




#44
2-Fluorobiphenyl
Concen: 97.039 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

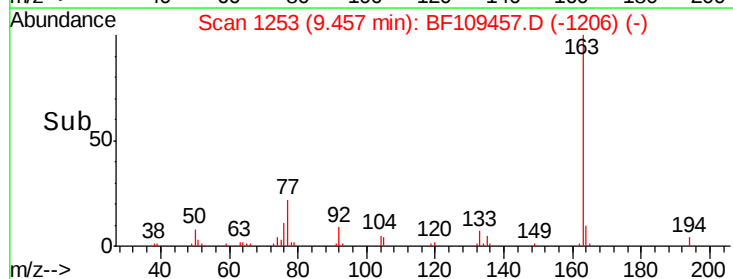
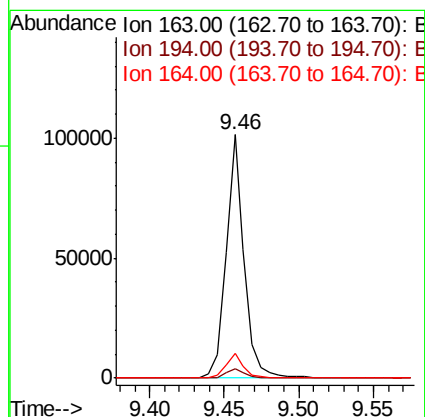
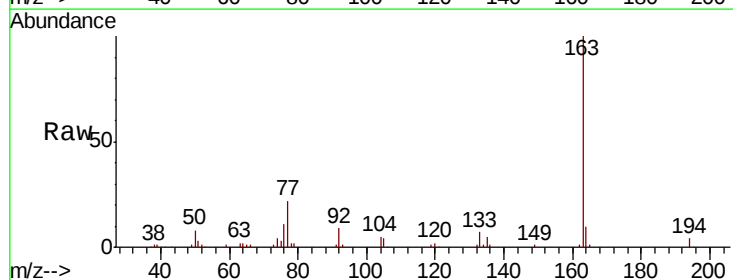
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ClientSampleId :
092618-DBRI-F-U-S

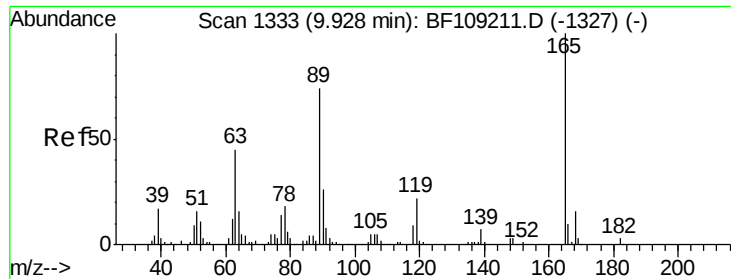
Tgt Ion:172 Resp: 1224425
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 6.222 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Tgt Ion:163 Resp: 86122
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

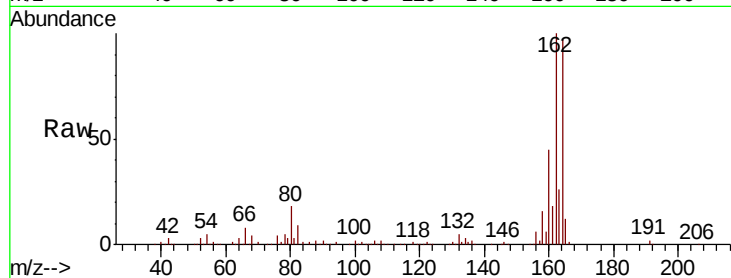




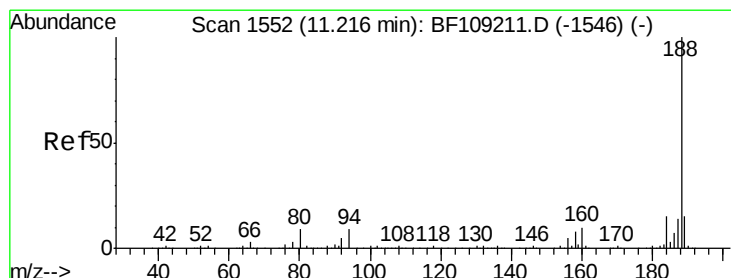
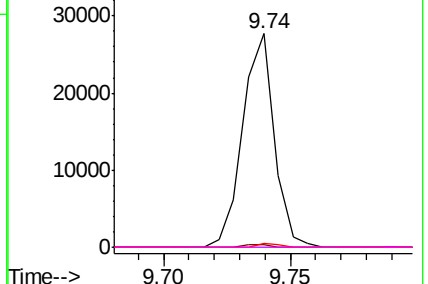
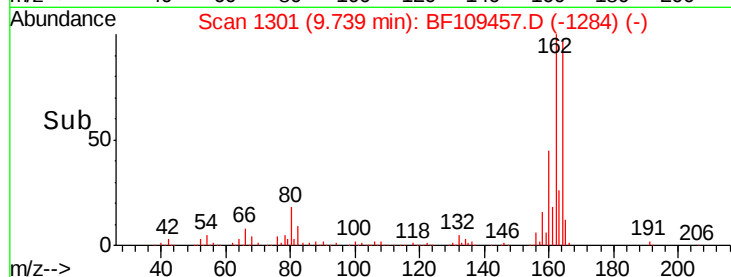
#56
 2,4-Dinitrotoluene
 Concen: 6.921 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109457.D
 Acq: 29 Sep 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-S

Tgt Ion:165 Resp: 24007
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#

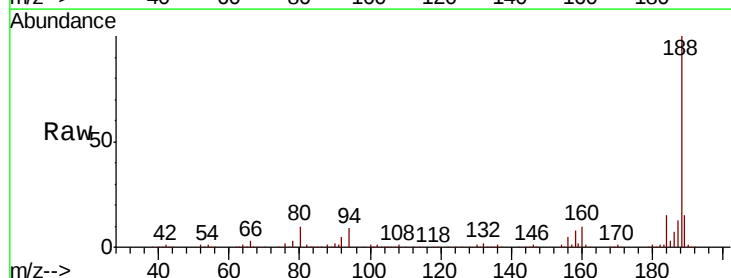


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

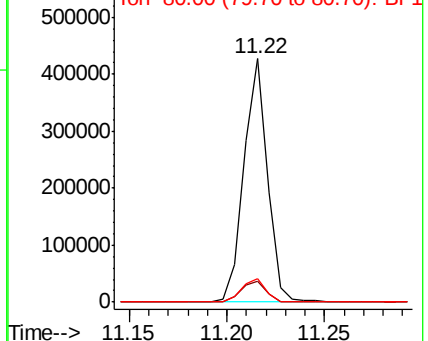
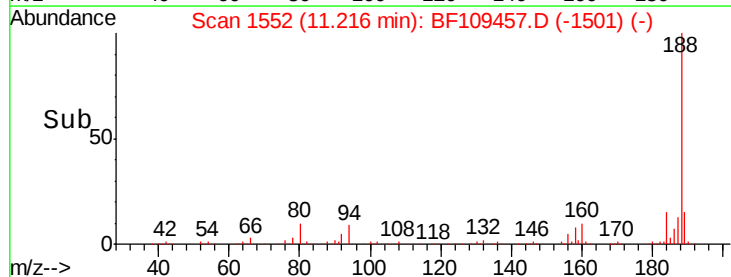


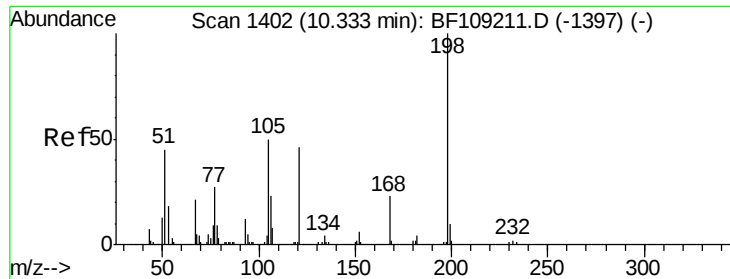
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109457.D
 Acq: 29 Sep 2018 4:14

Tgt Ion:188 Resp: 357798
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.8 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

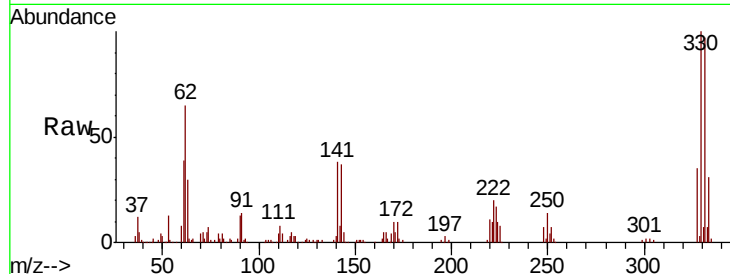




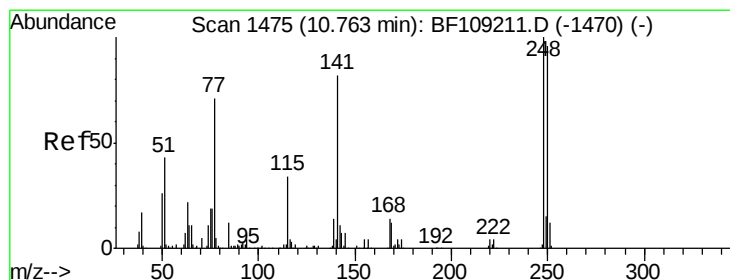
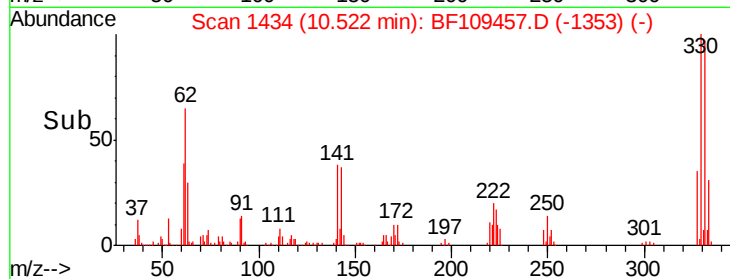
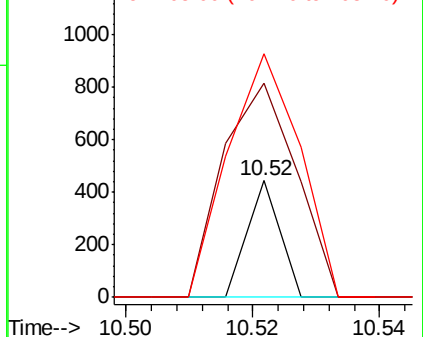
#64
4,6-Dinitro-2-methylphenol
Concen: 6.614 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-S

Tgt Ion:198 Resp: 156
Ion Ratio Lower Upper
198 100
51 184.0 37.7 77.7#
105 209.3 36.3 76.3#

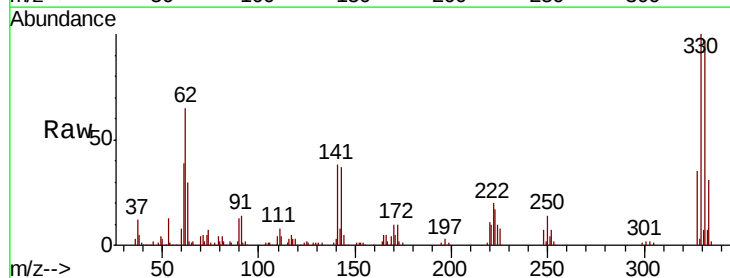


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

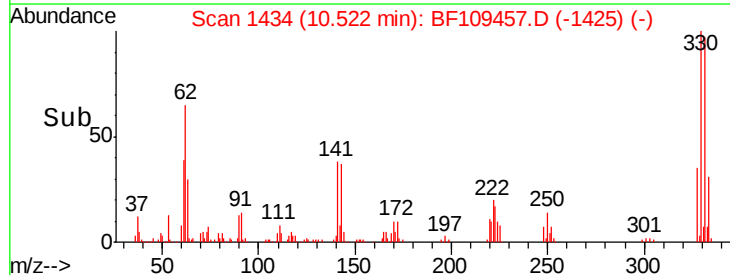
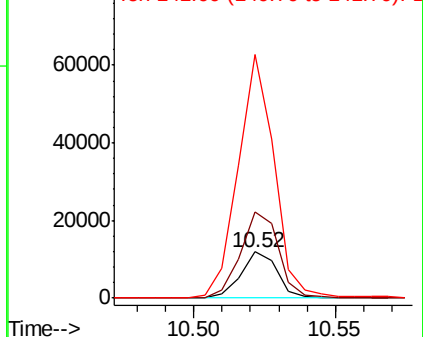


#66
4-Bromophenyl-phenylether
Concen: 2.638 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Tgt Ion:248 Resp: 10481
Ion Ratio Lower Upper
248 100
250 186.4 76.9 115.3#
141 528.1 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-U-S

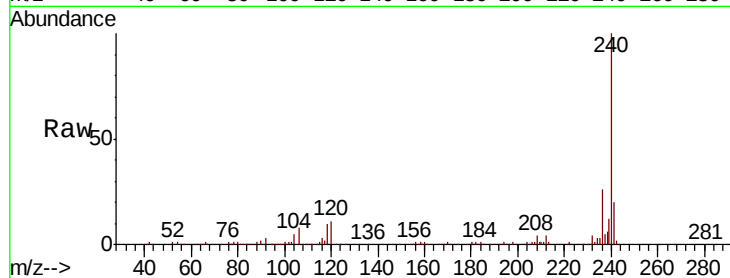
Tgt Ion:240 Resp: 209524

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

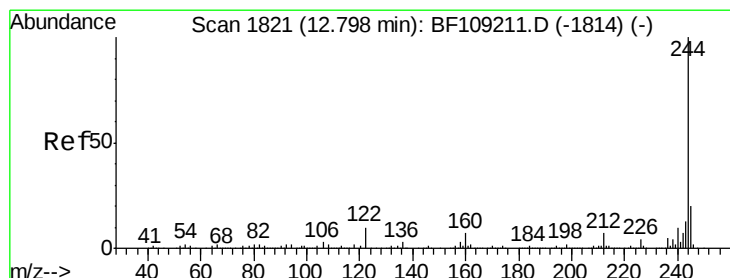
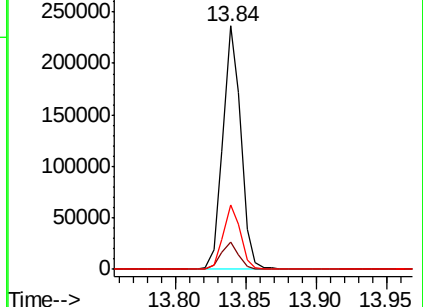
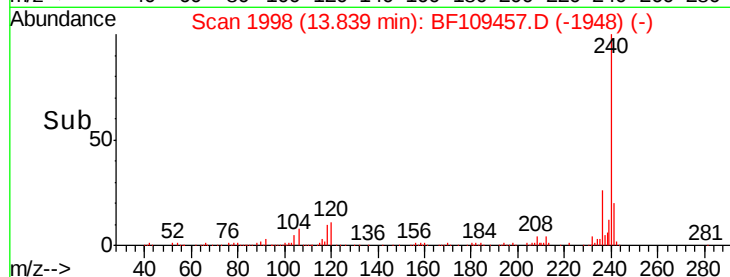
236 26.3 20.7 31.1



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: 124.821 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109457.D

Acq: 29 Sep 2018 4:14

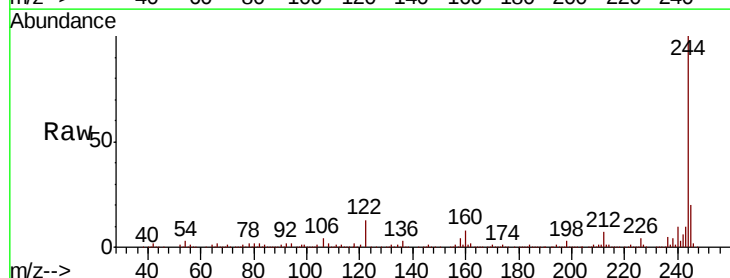
Tgt Ion:244 Resp: 1065658

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

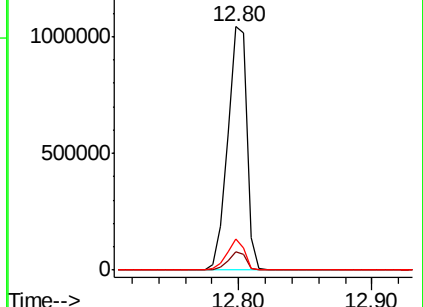
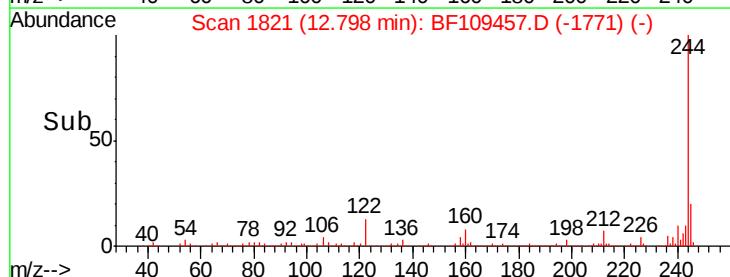
122 12.6 11.0 16.4

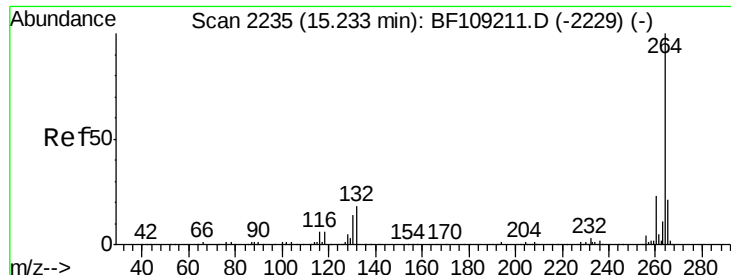


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109457.D
Acq: 29 Sep 2018 4:14

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.6	17.5	26.3

