

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092959.D
 Acq On : 15 Feb 2017 19:03
 Operator : SJ/MA
 Sample : I1822-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:32:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

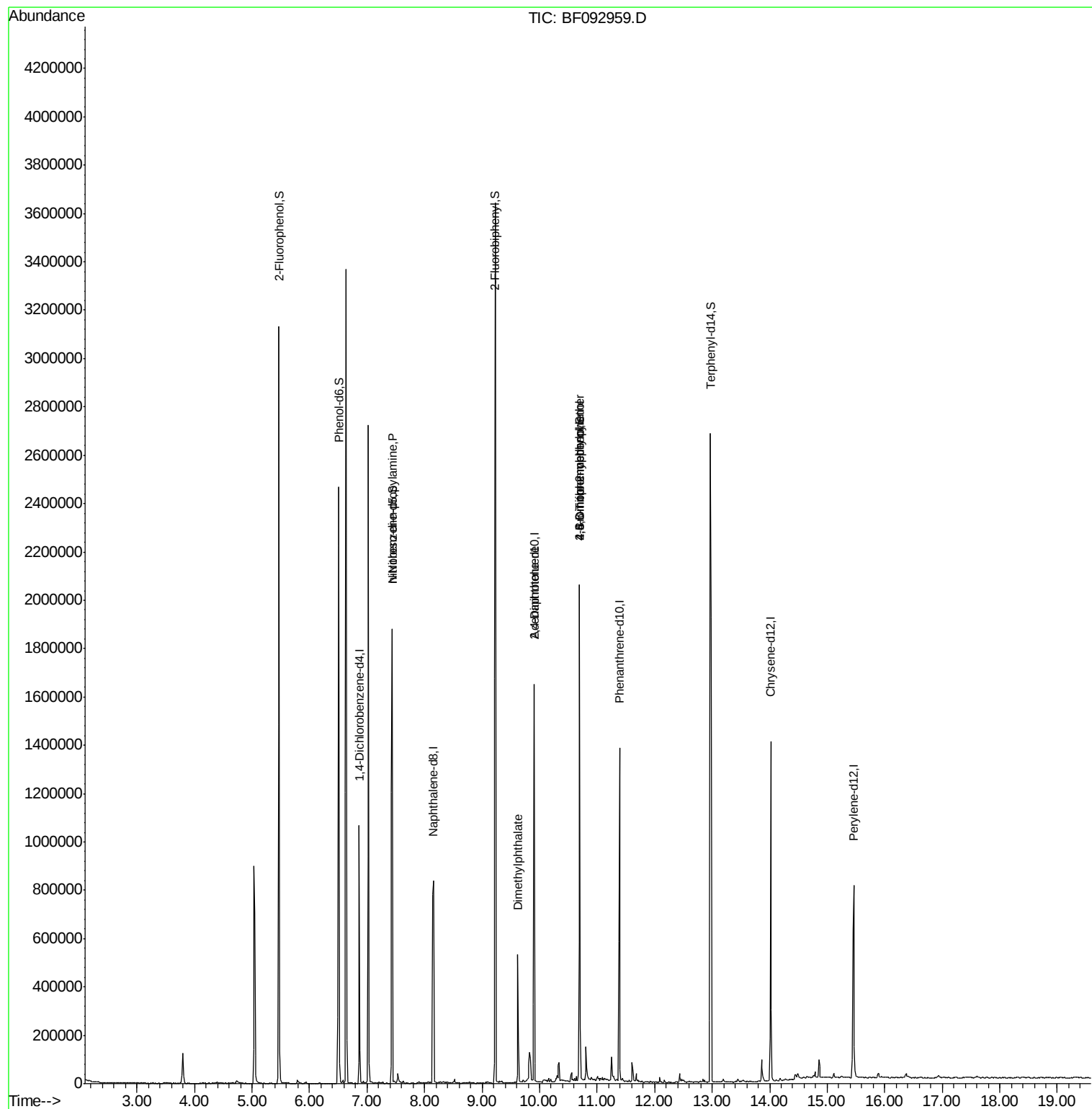
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147238	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	568770	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	334136	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	561772	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	468862	20.00	ng	-0.03
86) Perylene-d12	15.46	264	394167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	924855	107.76	ng	-0.01
7) Phenol-d6	6.51	99	1232182	111.59	ng	-0.02
23) Nitrobenzene-d5	7.44	82	749369	73.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	215105	89.01	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1287364	69.80	ng	-0.01
78) Terphenyl-d14	12.97	244	1122466	56.25	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	95299	13.56	ng	# 77
49) Dimethylphthalate	9.62	163	228866	10.17	ng	99
56) 2,4-Dinitrotoluene	9.90	165	42312	6.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.69	198	465	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	17168	2.93	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

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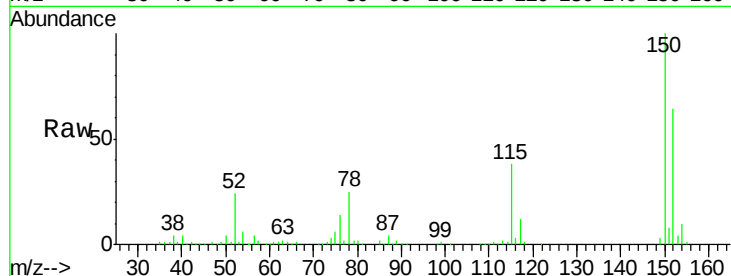
Tot Ion:152 Resp: 147238

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

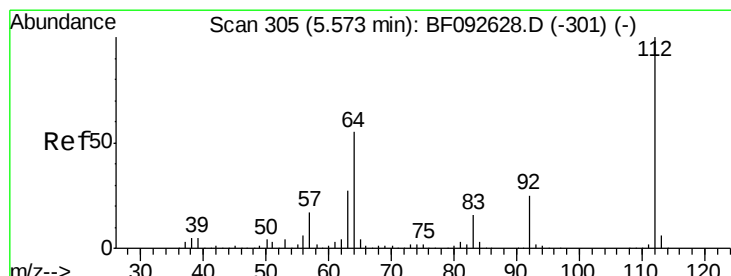
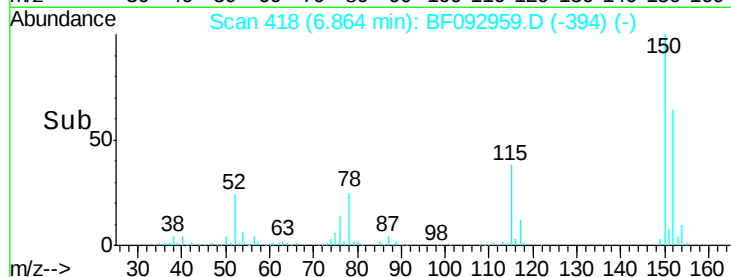
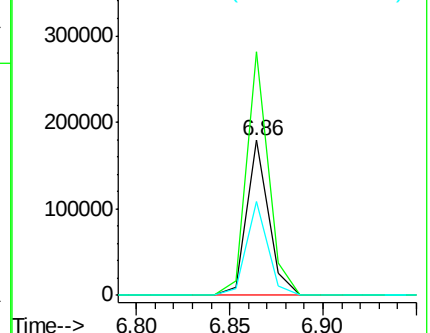
115 60.5 46.0 69.0



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: 107.76 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

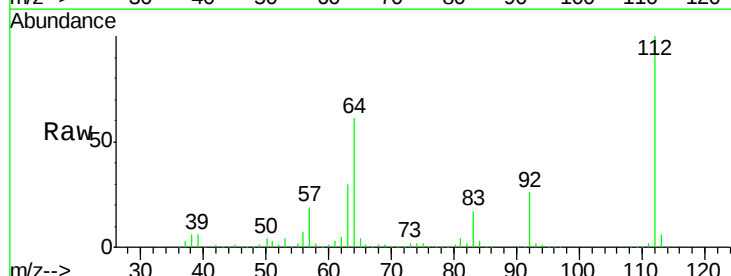
Tgt Ion:112 Resp: 924855

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

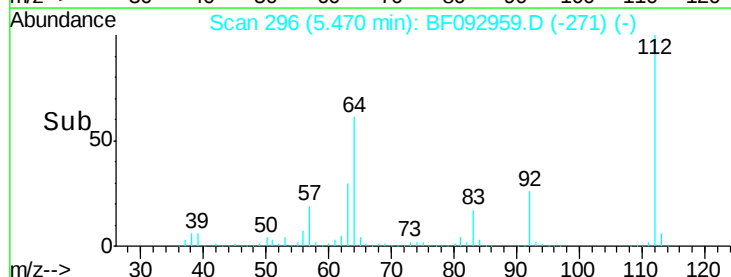
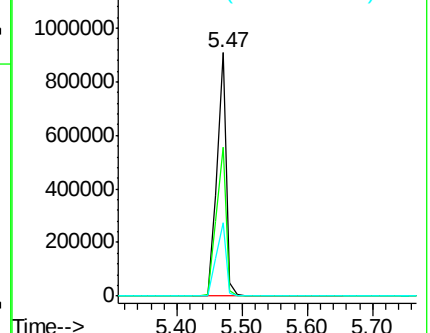
63 30.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.59 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

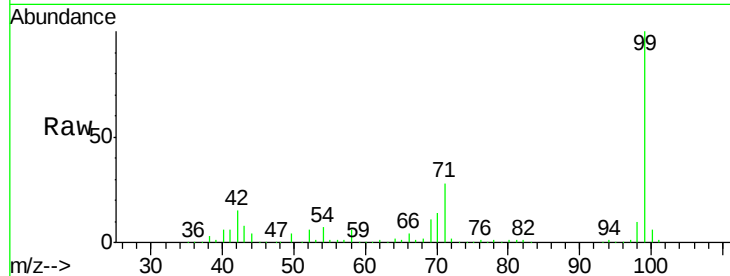
Instrument :

BNA_F

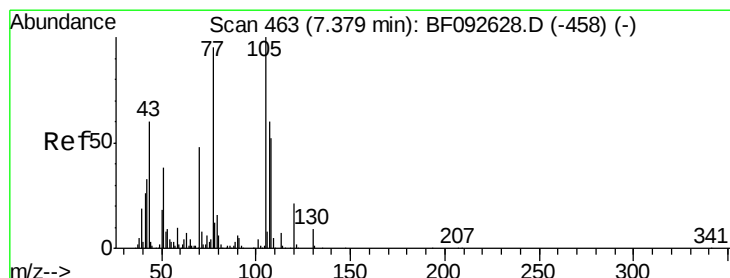
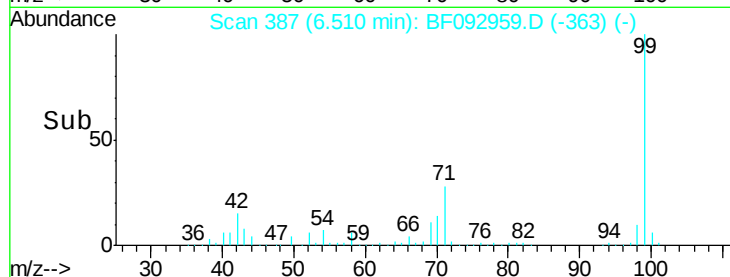
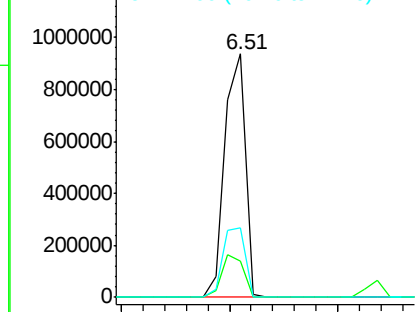
ClientSampleId :

Tot Ion: 99 Resp: 1232182

Ion	Ratio	Lower	Upper
99	100		
42	15.1	15.6	23.4#
71	28.3	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.56 ng

RT: 7.44 min Scan# 468

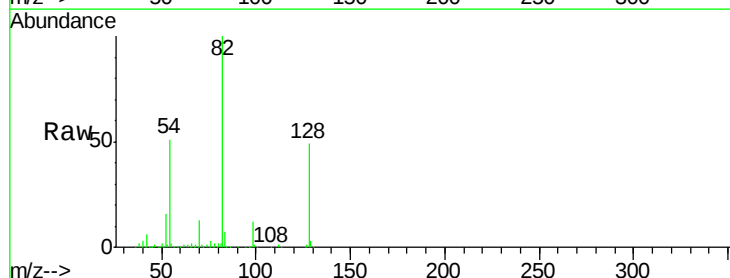
Delta R.T. 0.13 min

Lab File: BF092959.D

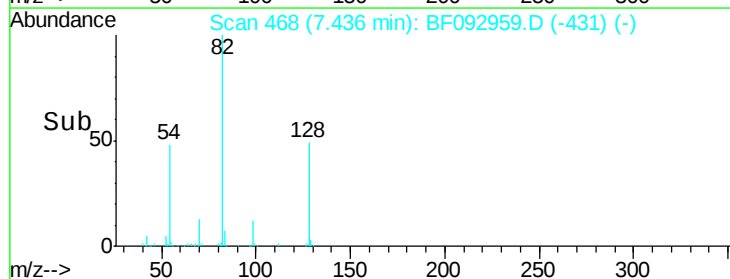
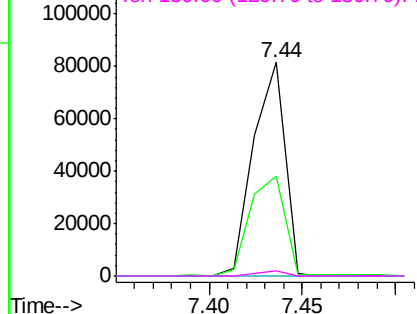
Acq: 15 Feb 2017 19:03

Tgt Ion: 70 Resp: 95299

Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

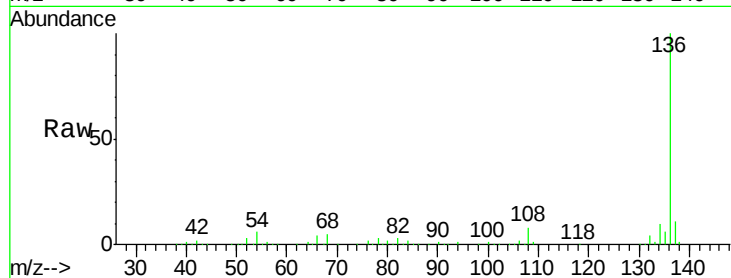




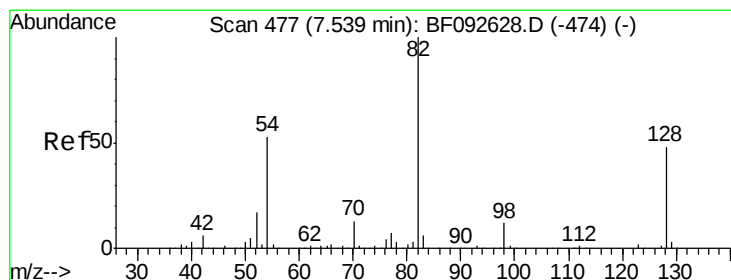
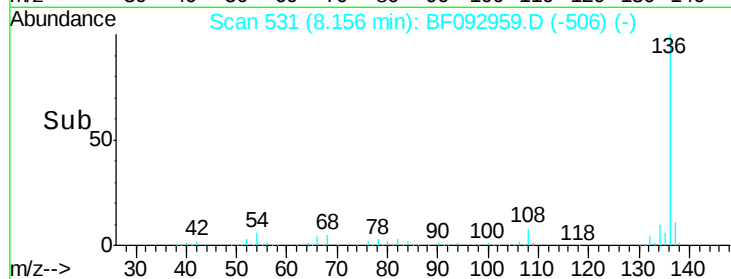
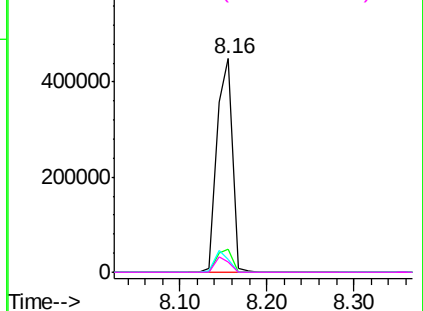
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	568770
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.2	4.5	6.7
68	4.8	3.6	5.4

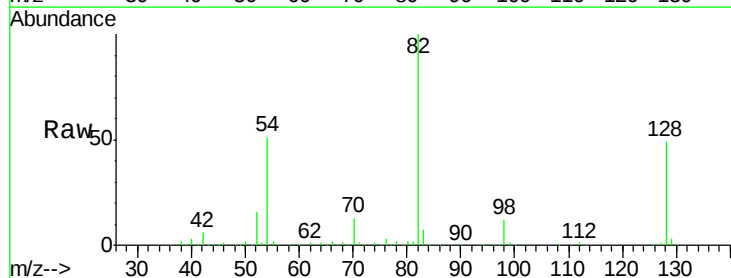


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

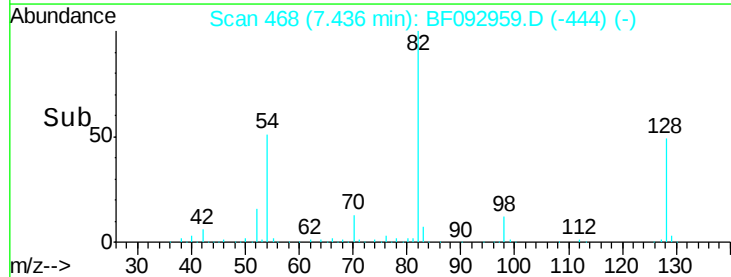
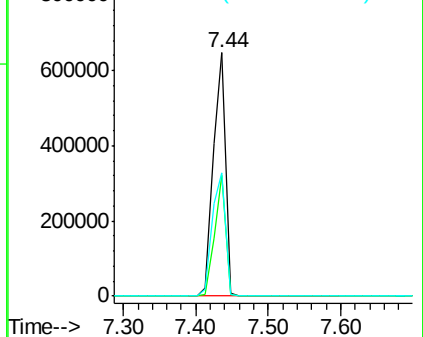


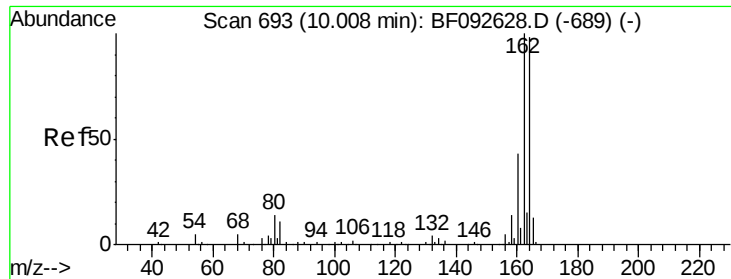
#23
Nitrobenzene-d5
Concen: 73.37 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

Tgt Ion:	82	Resp:	749369
Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	52.0
54	50.9	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

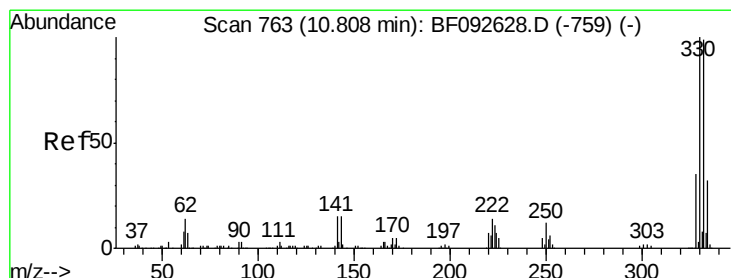
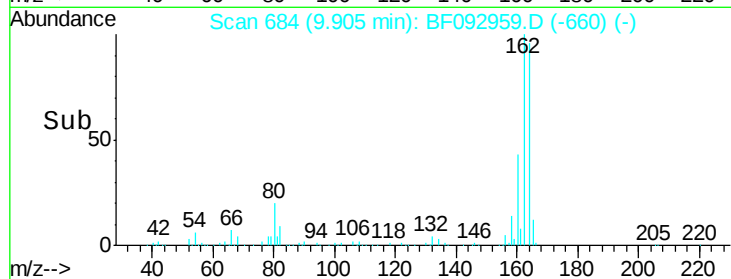
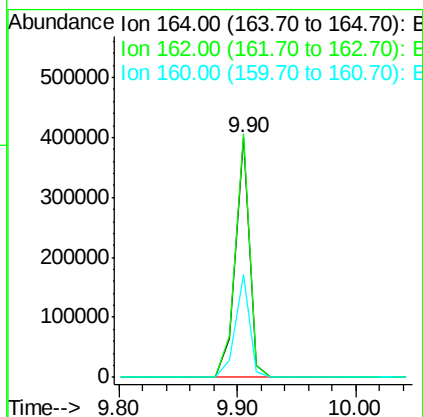
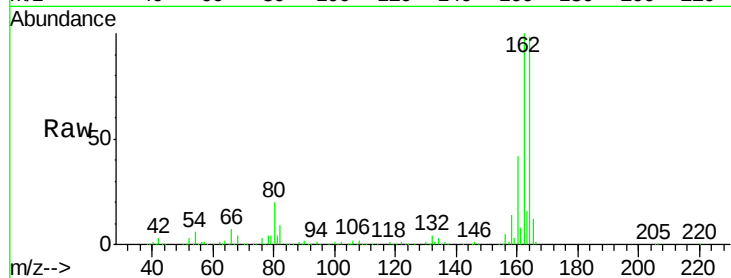




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

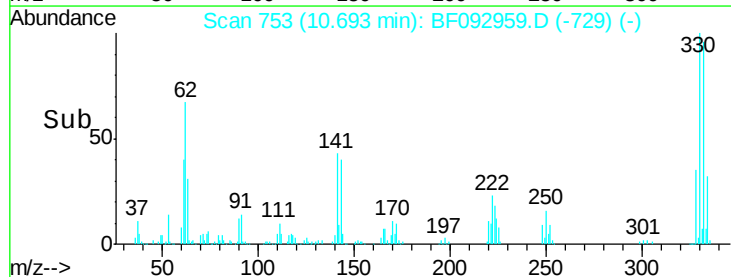
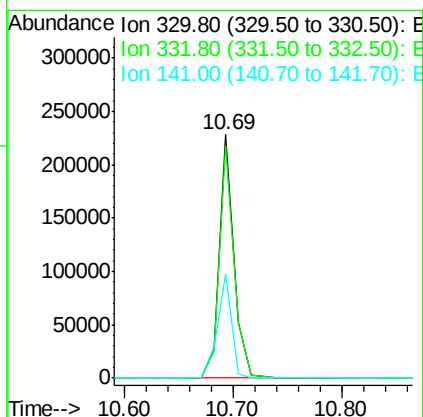
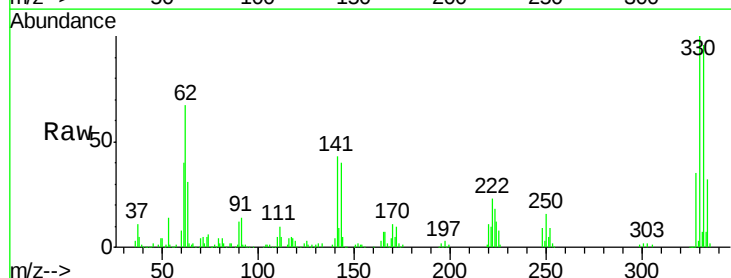
Instrument :
 BNA_F
 ClientSampleId :

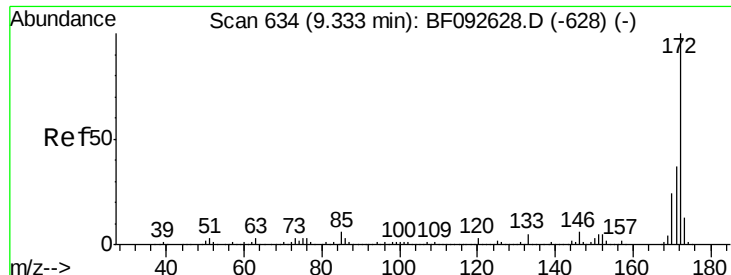
Tot Ion:164 Resp: 334136
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 43.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 89.01 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

Tgt Ion:330 Resp: 215105
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 42.3 34.1 51.1

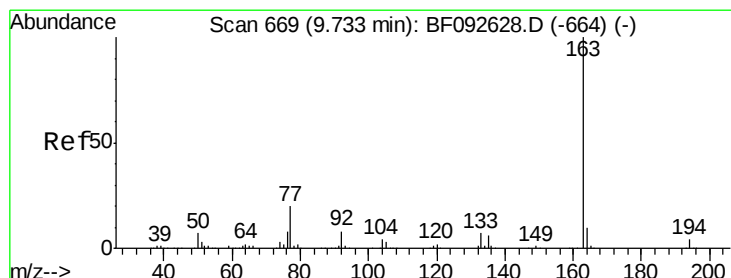
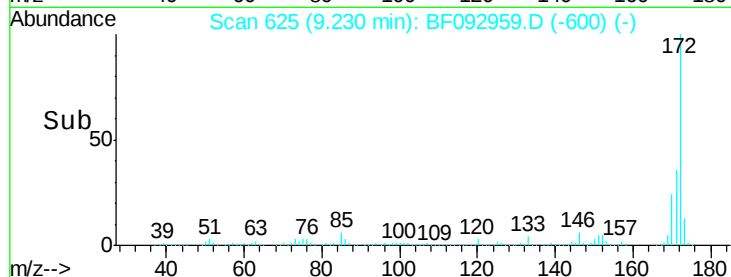
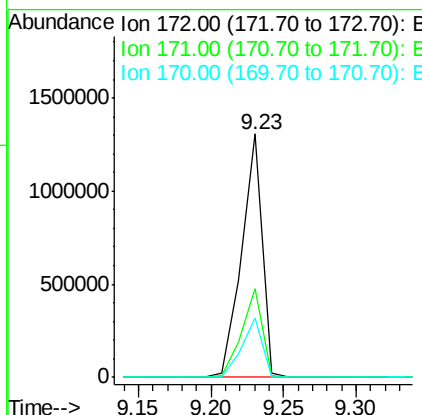
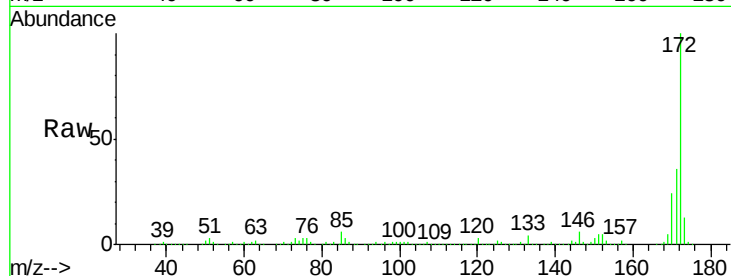




#44
2-Fluorobiphenyl
Concen: 69.80 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

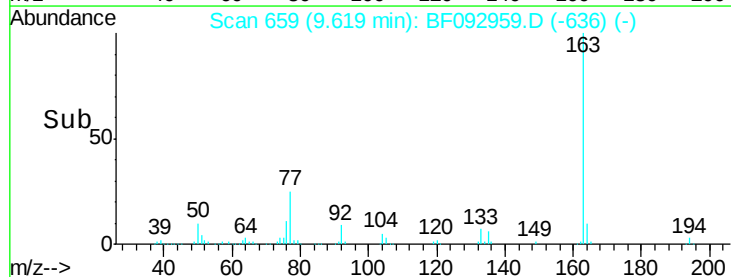
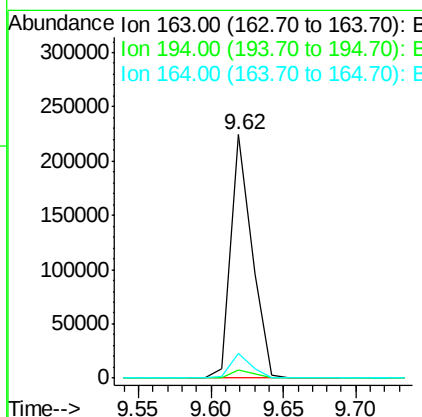
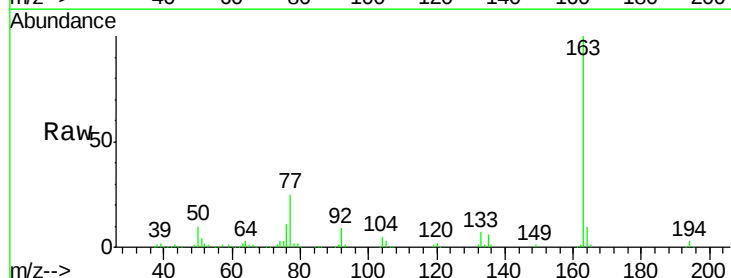
Instrument :
BNA_F
ClientSampleId :

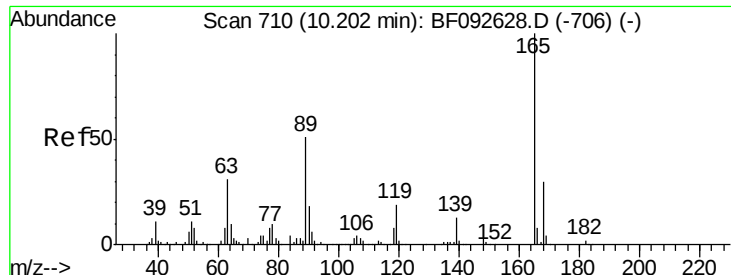
Tot Ion:172 Resp: 1287364
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.5 20.2 30.4



#49
Dimethylphthalate
Concen: 10.17 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

Tgt Ion:163 Resp: 228866
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.2 8.0 12.0

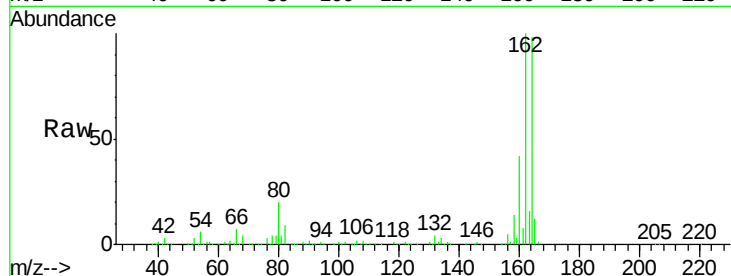




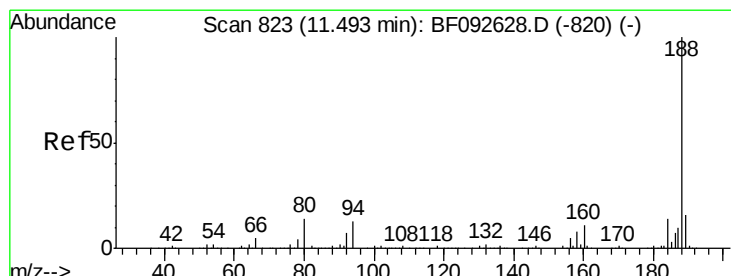
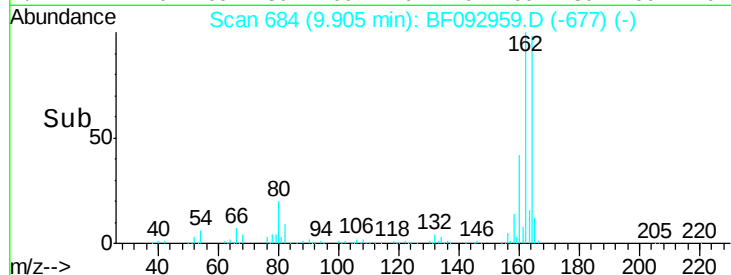
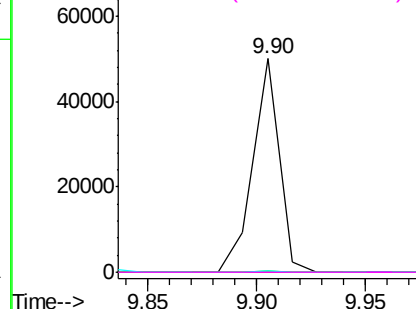
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42312
Ion Ratio Lower Upper
165 100
63 0.7 40.2 60.4#
89 0.8 62.5 93.7#
182 0.0 1.8 2.8#

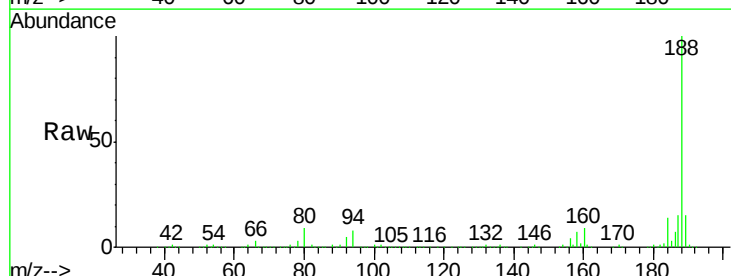


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

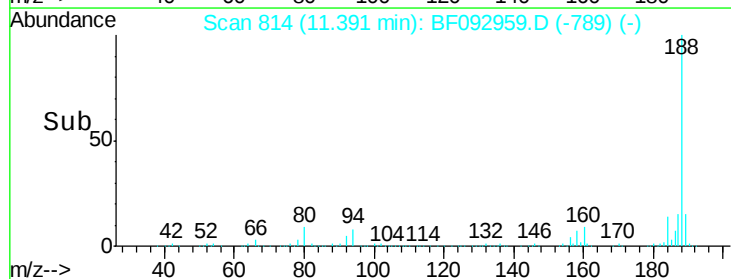
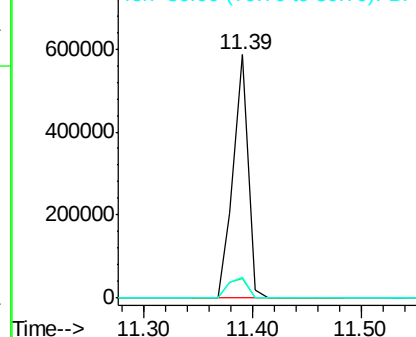


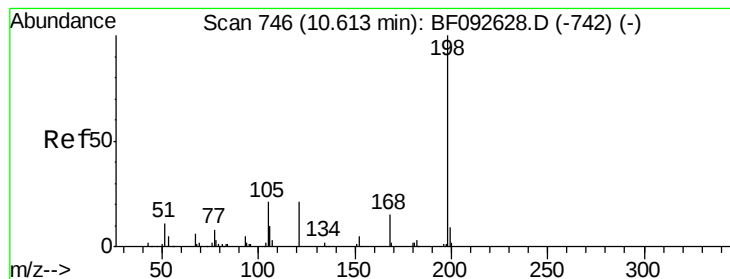
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092959.D
Acq: 15 Feb 2017 19:03

Tgt Ion:188 Resp: 561772
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.7 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.80 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

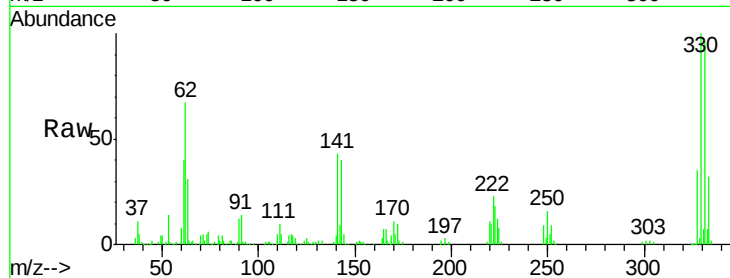
Tot Ion:198 Resp: 465

Ion Ratio Lower Upper

198 100

51 153.5 6.7 46.7#

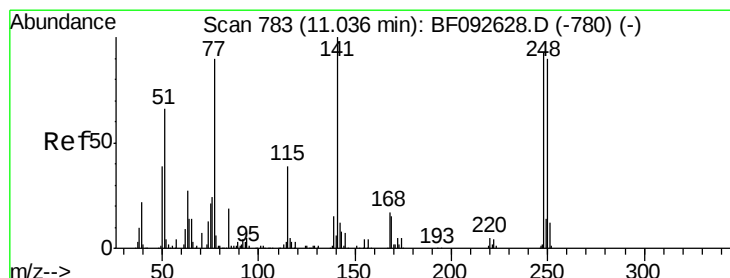
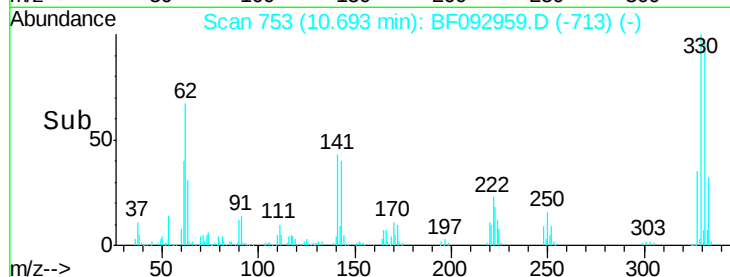
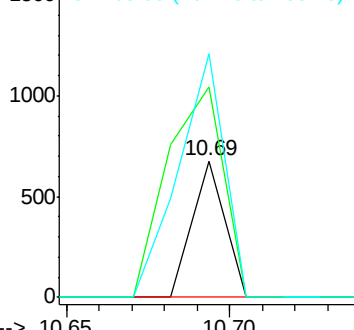
105 178.2 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.93 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

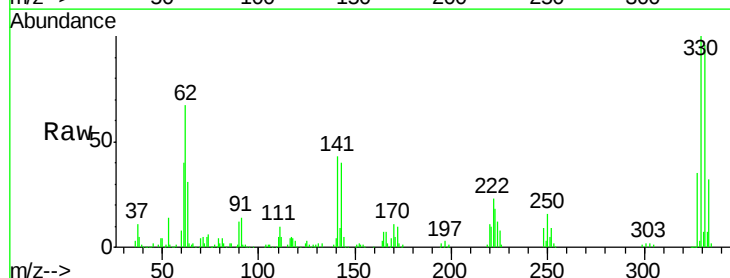
Tgt Ion:248 Resp: 17168

Ion Ratio Lower Upper

248 100

250 187.8 76.9 115.3#

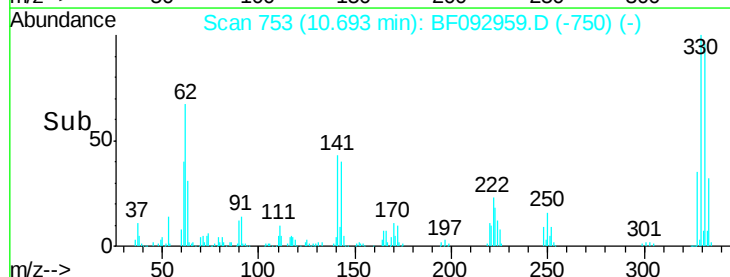
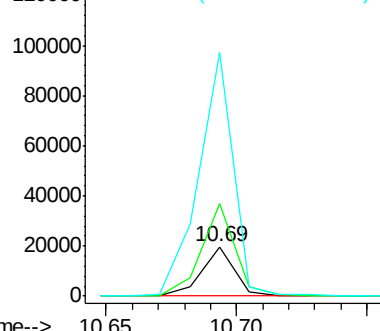
141 496.3 68.2 102.4#

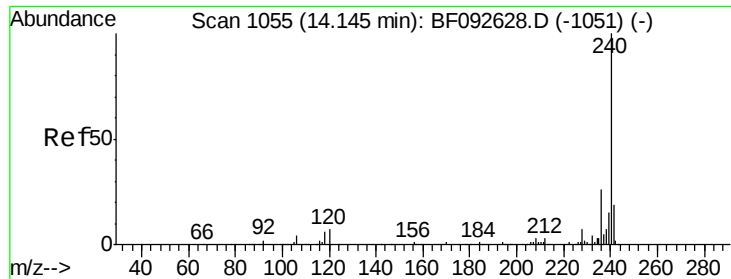


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

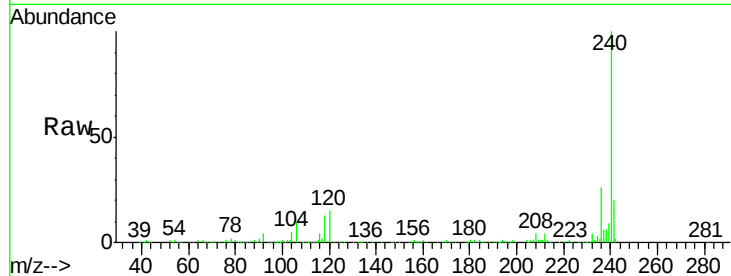
Tot Ion:240 Resp: 468862

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

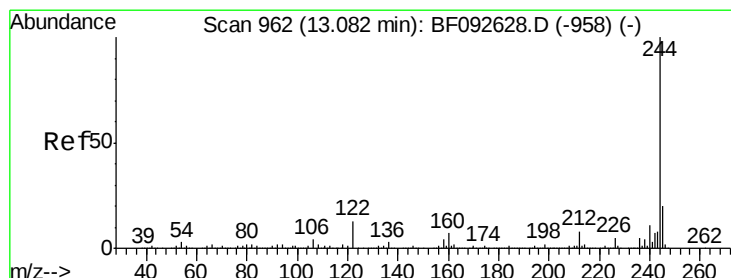
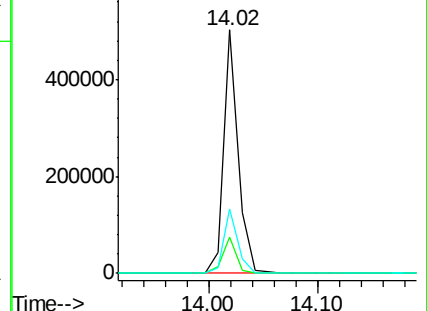
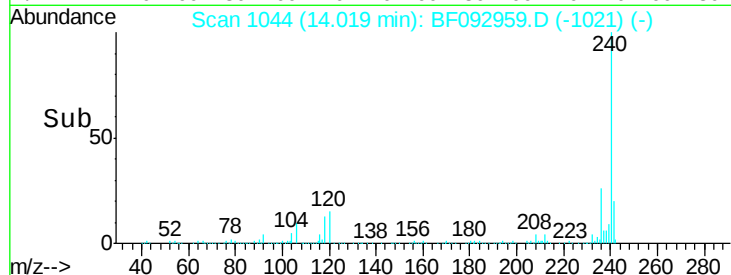
236 26.3 20.9 31.3



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: 56.25 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092959.D

Acq: 15 Feb 2017 19:03

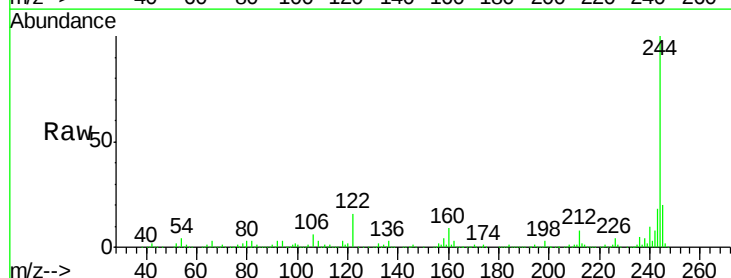
Tgt Ion:244 Resp: 1122466

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

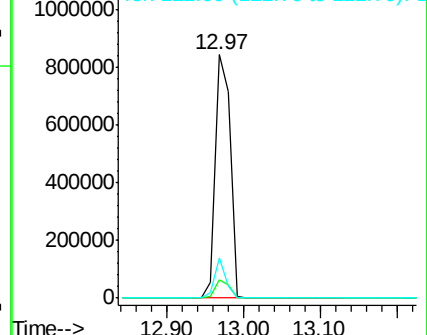
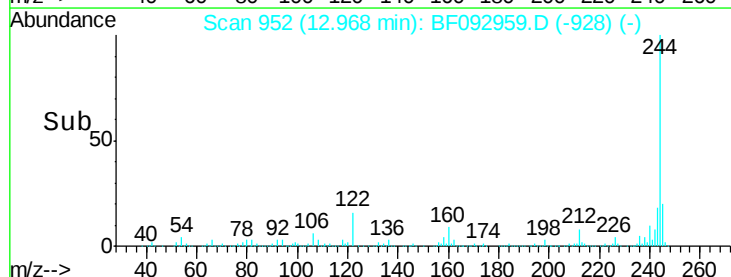
122 16.3 11.4 17.2

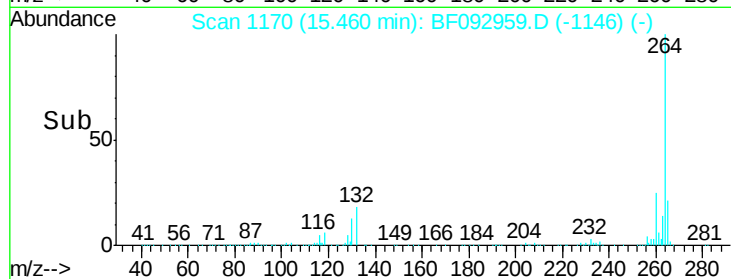
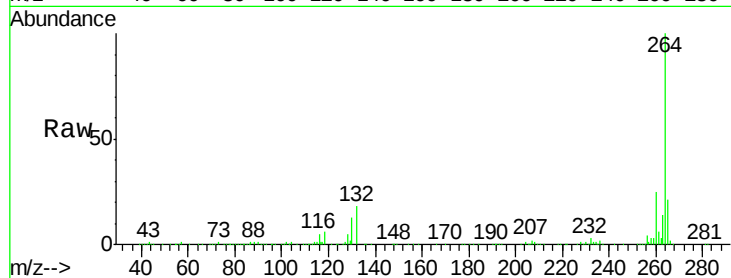
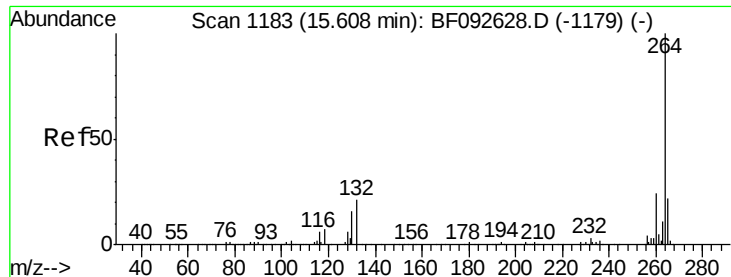


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092959.D
 Acq: 15 Feb 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.4	26.0

