

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092056.D
 Acq On : 30 Dec 2016 20:13
 Operator : UM/SJ
 Sample : H6314-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Quant Time: Dec 30 22:00:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

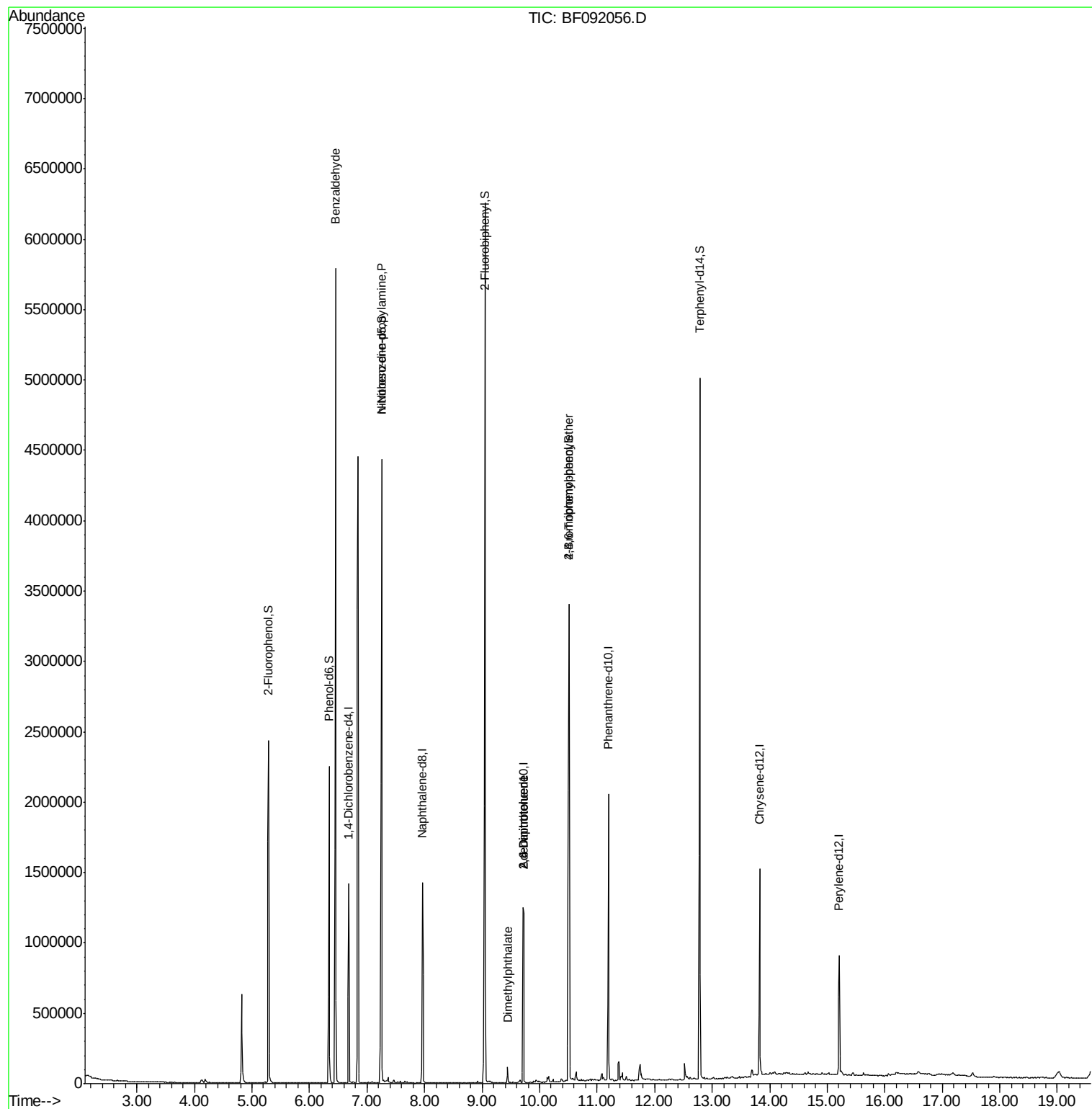
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	247053	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	795567	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	413754	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	749170	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	517131	20.00	ng	-0.05
86) Perylene-d12	15.21	264	412202	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	917151	61.99	ng	-0.03
7) Phenol-d6	6.34	99	781423	43.26	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1690291	118.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	487918	142.49	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2045306	104.20	ng	-0.03
78) Terphenyl-d14	12.79	244	1639401	76.89	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.45	77	37718	2.57	ng	# 70
19) n-Nitroso-di-n-propylamine	7.25	70	229213	19.07	ng	# 75
49) Dimethylphthalate	9.45	163	54148	2.05	ng	98
50) 2,6-Dinitrotoluene	9.72	165	53591	9.25	ng	# 30
56) 2,4-Dinitrotoluene	9.72	165	53591	7.37	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	32822	4.21	ng	# 1
71) Anthracene	11.26	178	595	Below Cal		# 59
73) Di-n-butylphthalate	11.77	149	17273	Below Cal		99
74) Fluoranthene	12.40	202	459	Below Cal		61

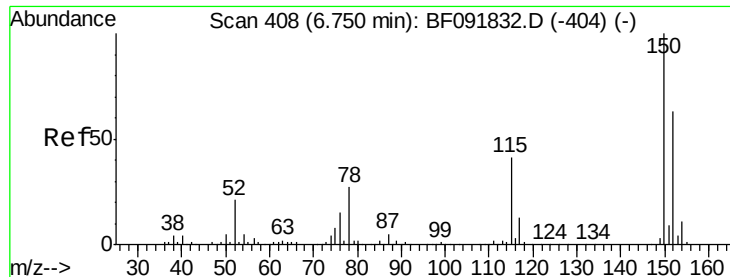
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

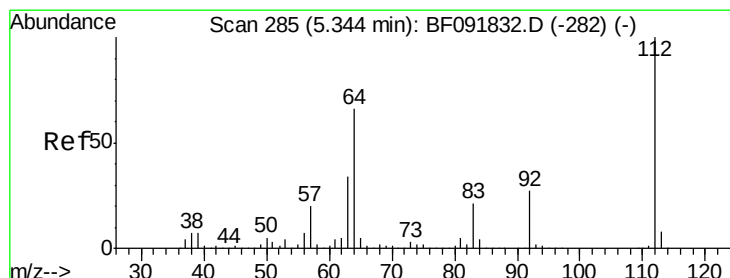
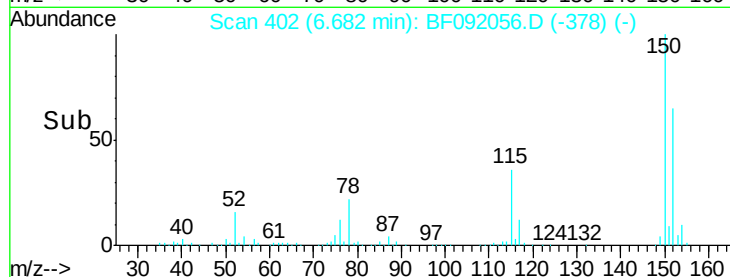
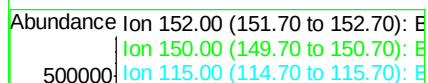
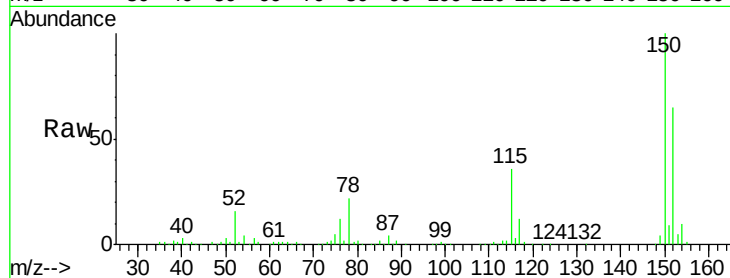
Tgt Ion:152 Resp: 247053

Ion Ratio Lower Upper

152 100

150 154.0 124.9 187.3

115 55.8 46.0 69.0



#5

2-Fluorophenol

Concen: 61.99 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

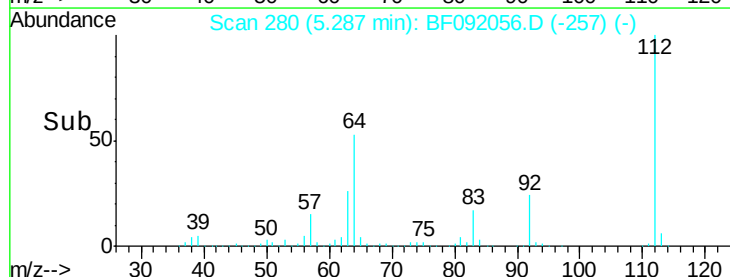
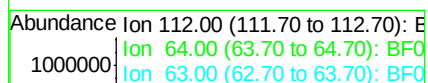
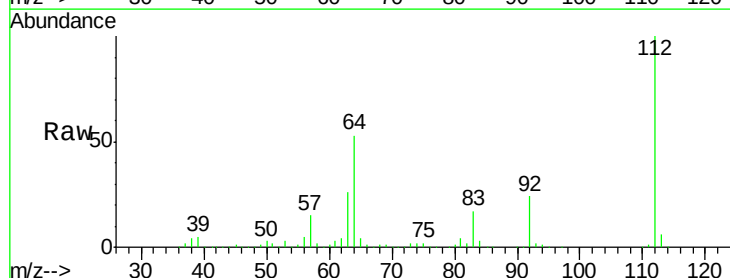
Tgt Ion:112 Resp: 917151

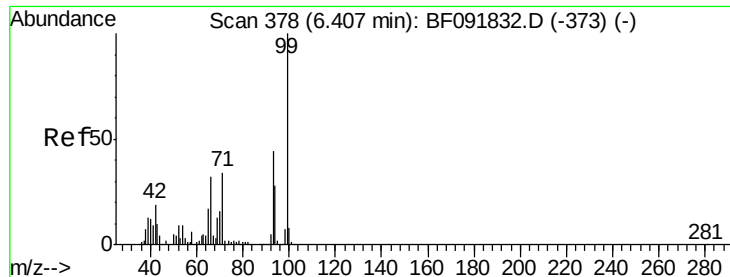
Ion Ratio Lower Upper

112 100

64 52.6 46.1 69.1

63 26.2 23.8 35.6





#7

Phenol-d6

Concen: 43.26 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

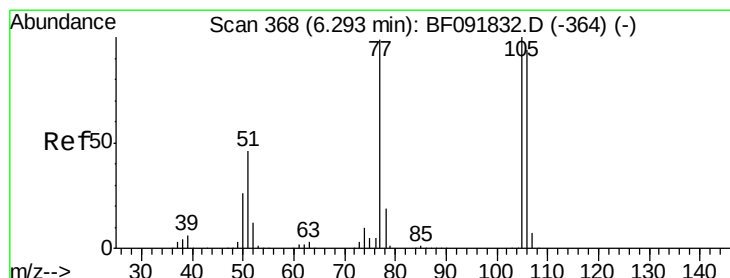
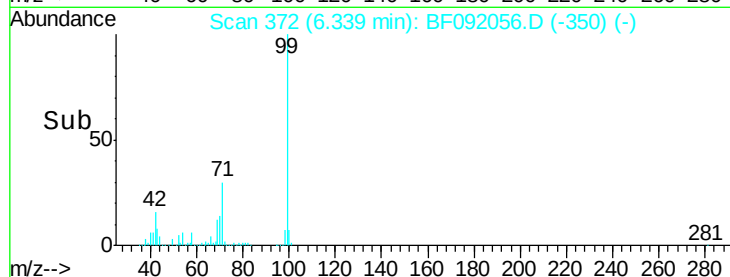
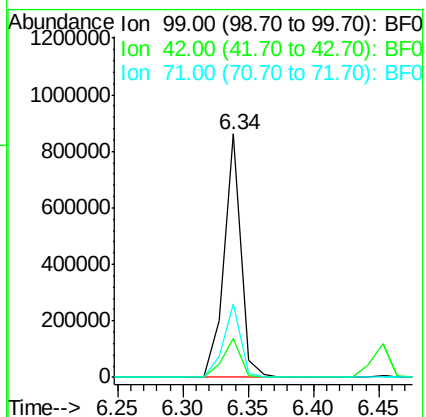
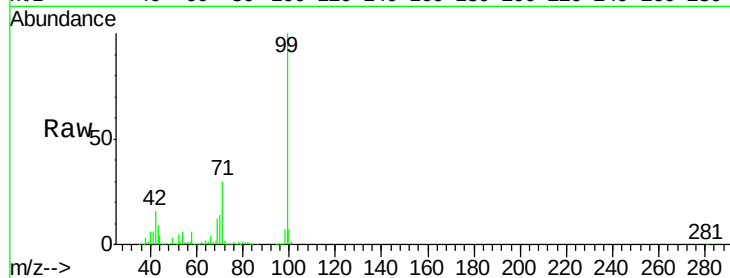
Tgt Ion: 99 Resp: 781423

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 30.1 27.5 41.3



#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.21 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

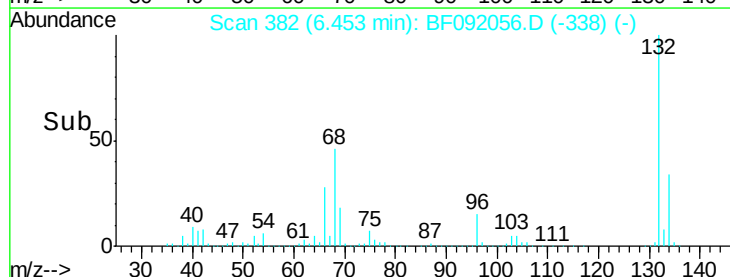
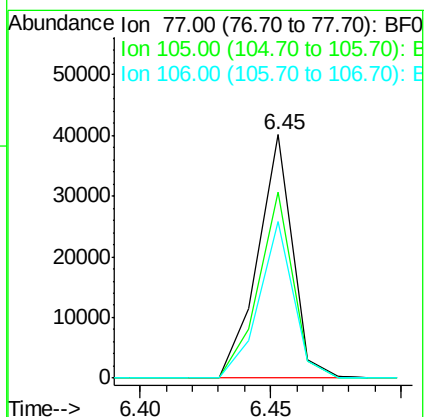
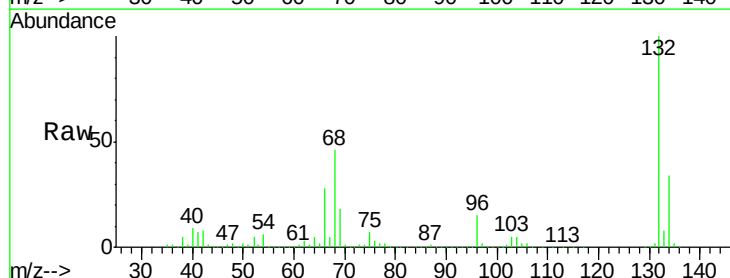
Tgt Ion: 77 Resp: 37718

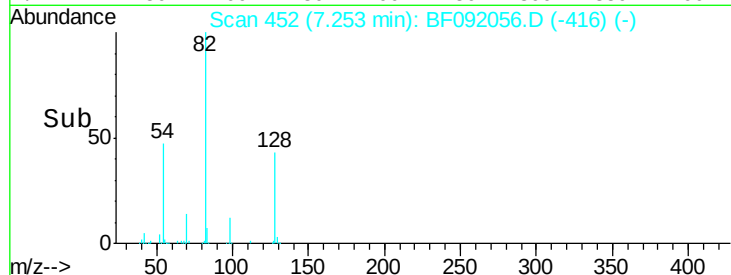
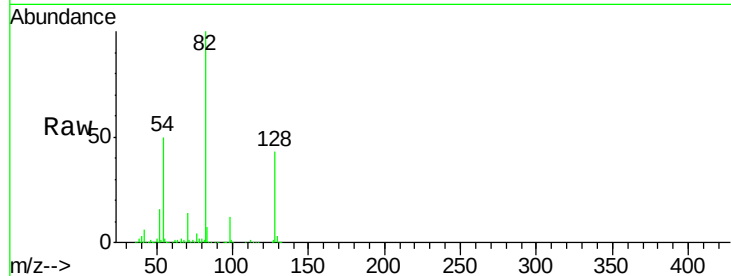
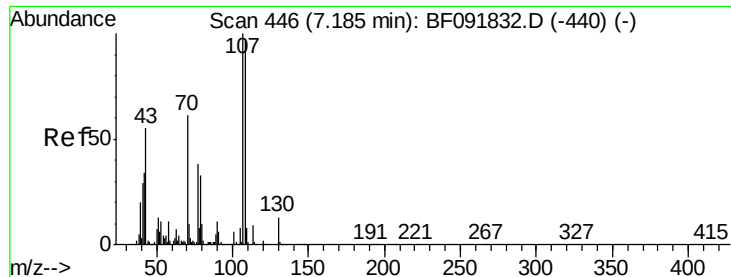
Ion Ratio Lower Upper

77 100

105 76.2 83.9 123.9#

106 64.1 77.6 117.6#

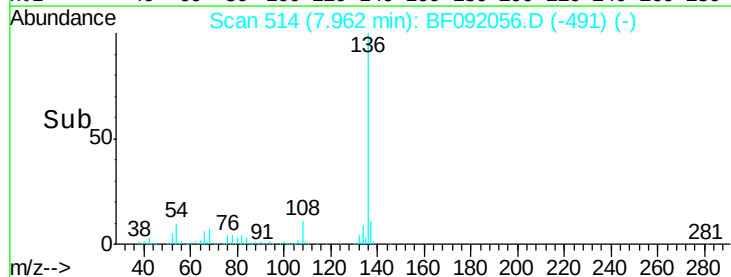
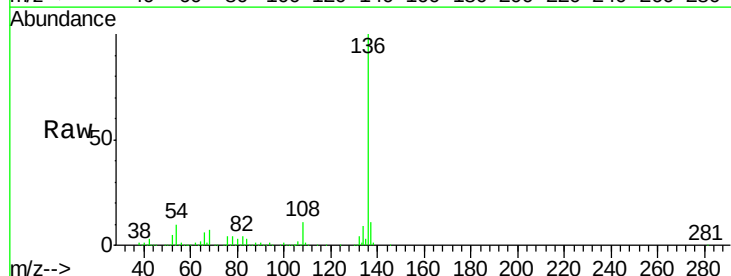
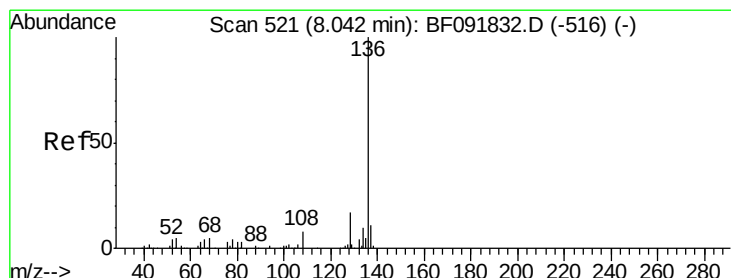
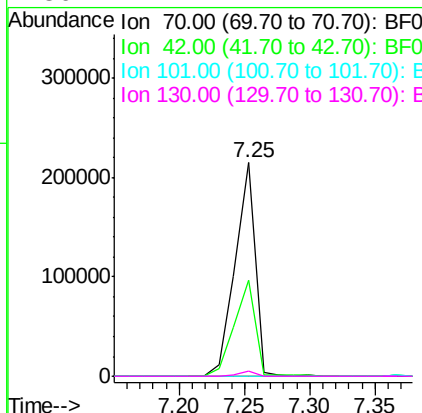




#19
n-Nitroso-di-n-propylamine
Concen: 19.07 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.11 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

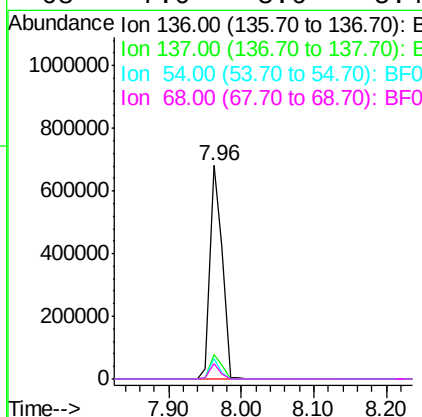
Instrument :
BNA_F
ClientSampleId :
GMW-02

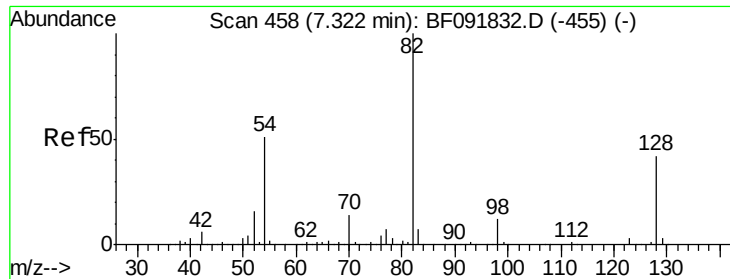
Tgt Ion:	70	Resp:	229213
Ion	Ratio	Lower	Upper
70	100		
42	44.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Tgt Ion:	136	Resp:	795567
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.6	4.5	6.7#
68	7.0	3.6	5.4#

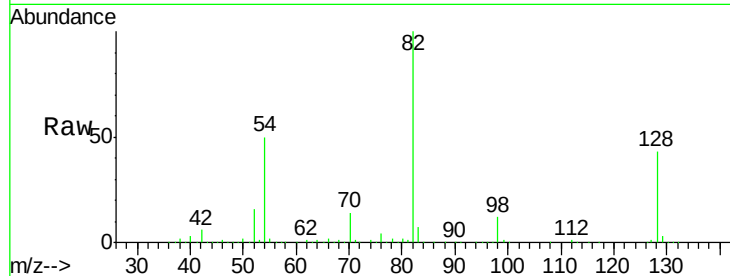




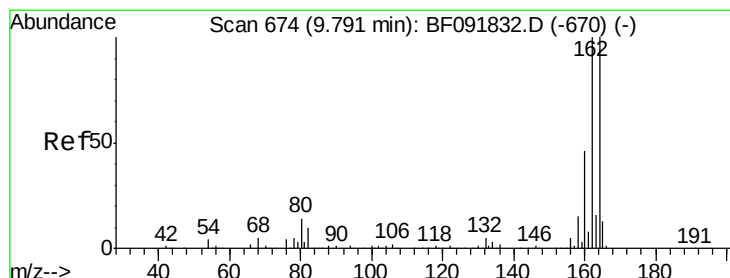
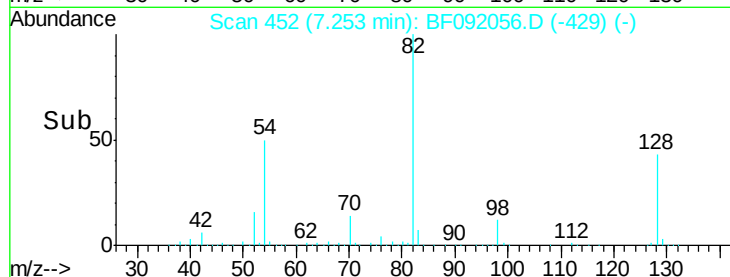
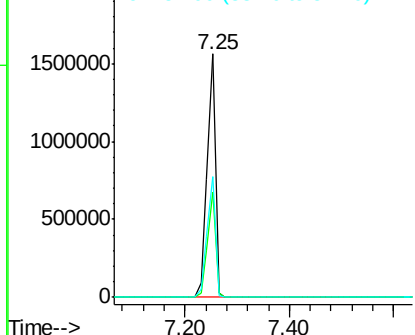
#23
 Nitrobenzene-d5
 Concen: 118.14 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Tgt Ion: 82 Resp: 1690291
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 49.6 39.5 59.3

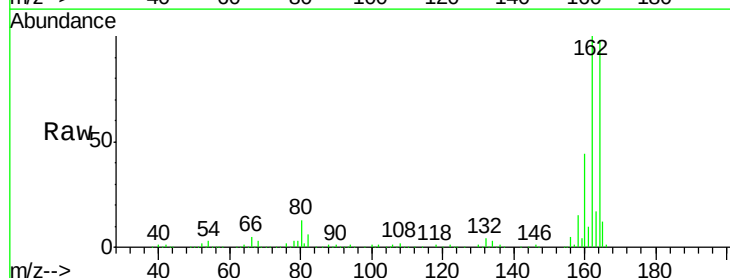


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

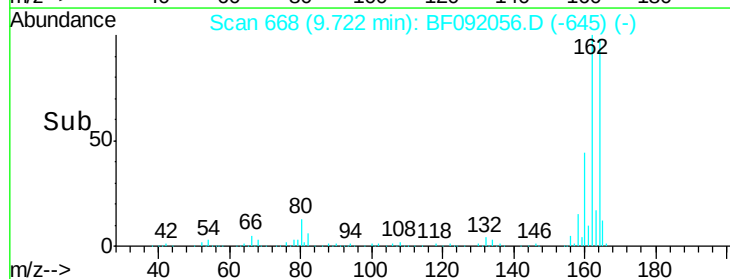
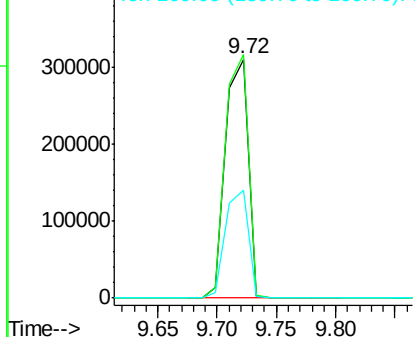


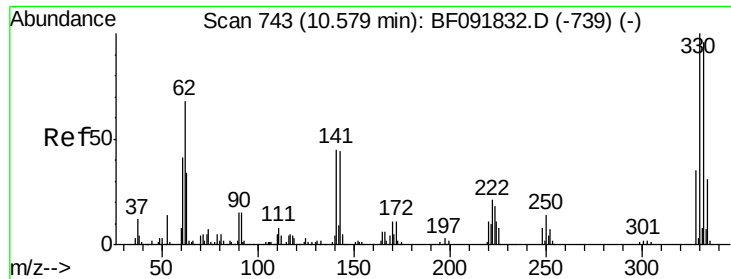
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Tgt Ion: 164 Resp: 413754
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 44.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

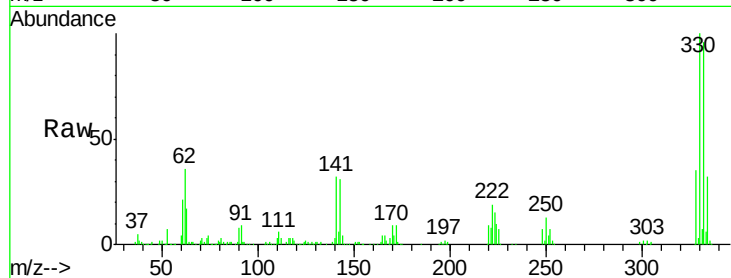




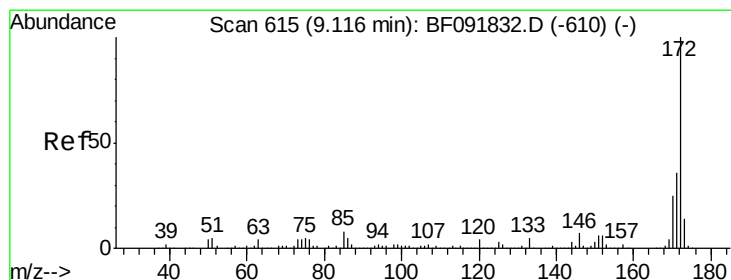
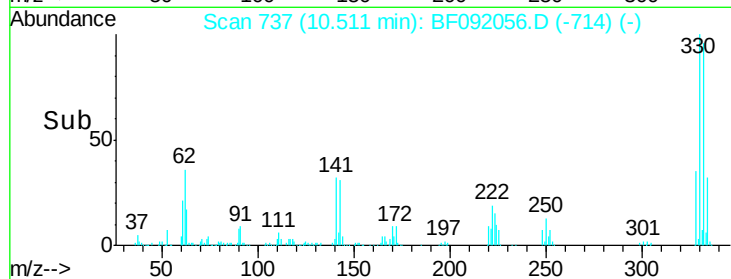
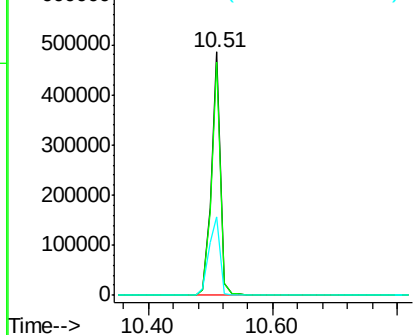
#41
 2,4,6-Tribromophenol
 Concen: 142.49 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Tgt Ion:330 Resp: 487918
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.7 34.1 51.1

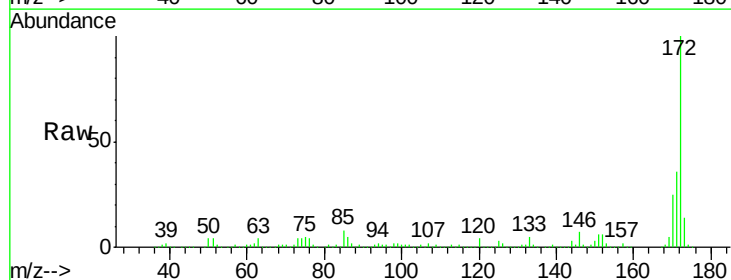


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

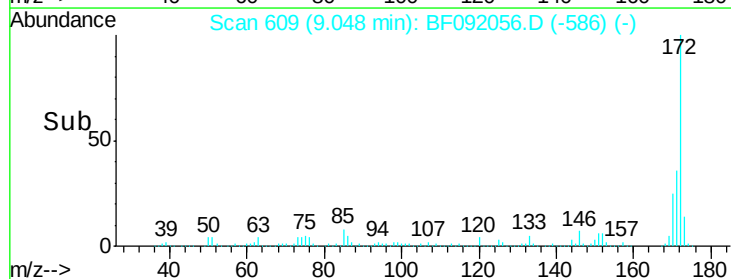
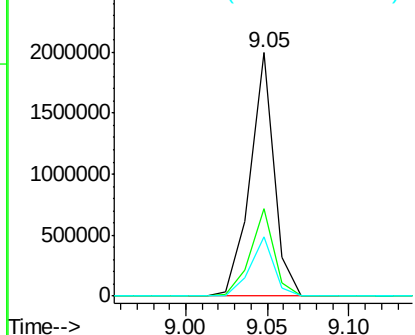


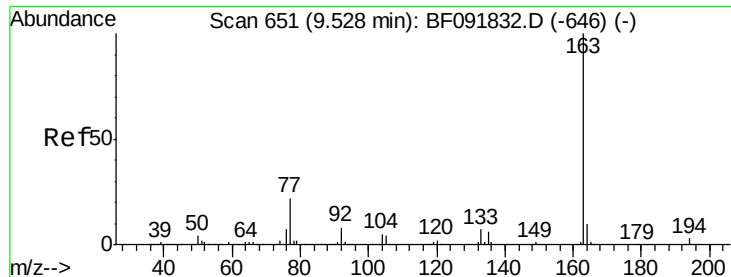
#44
 2-Fluorobiphenyl
 Concen: 104.20 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Tgt Ion:172 Resp: 2045306
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 20.2 30.4



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

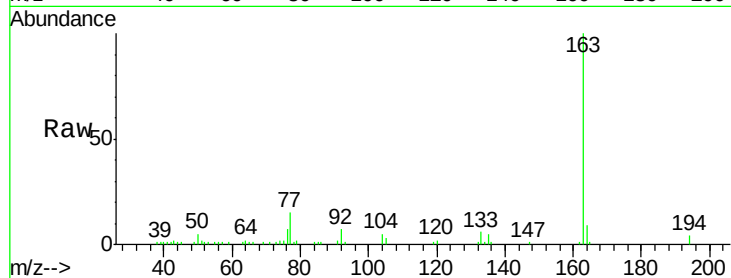




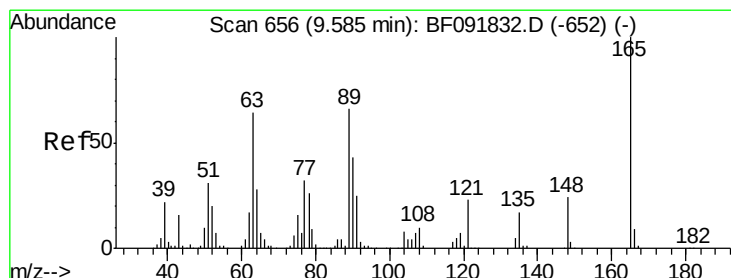
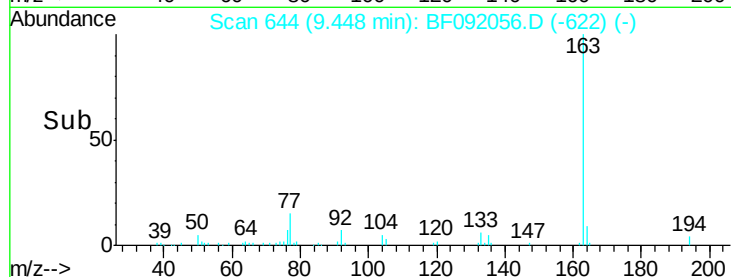
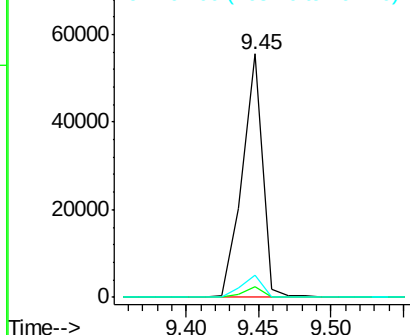
#49
Dimethylphthalate
Concen: 2.05 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Instrument :
BNA_F
ClientSampleId :
GMW-02

Tgt Ion:163 Resp: 54148
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.0 8.0 12.0

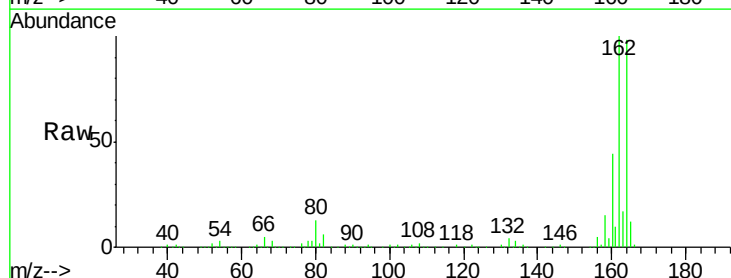


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

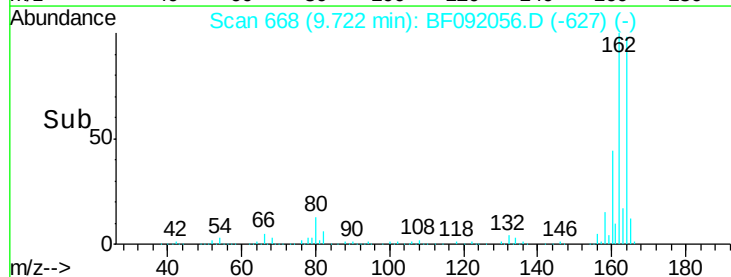
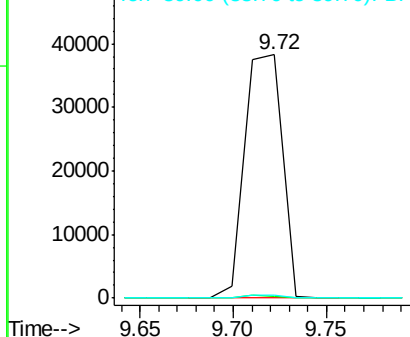


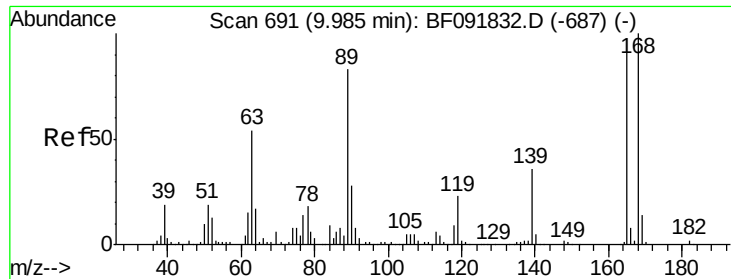
#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.17 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Tgt Ion:165 Resp: 53591
Ion Ratio Lower Upper
165 100
63 0.8 36.2 54.4#
89 1.0 40.2 60.4#



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

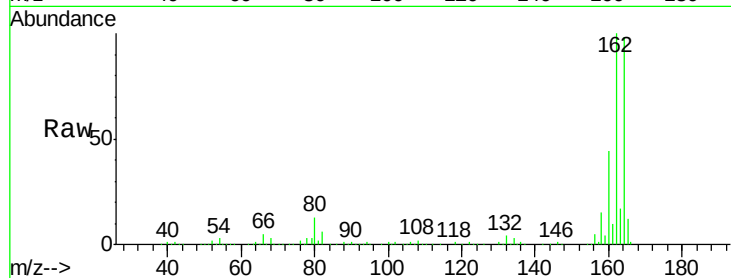




#56
 2,4-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.23 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 GMW-02

Tgt Ion:	165	Resp:	53591
Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

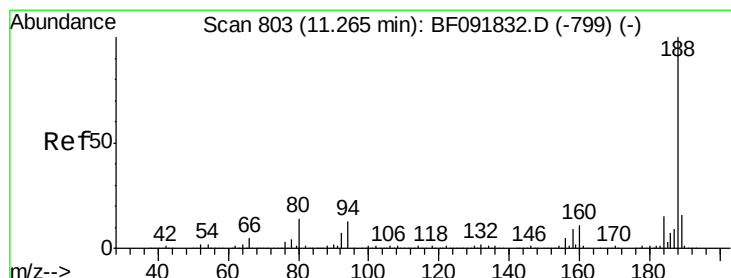
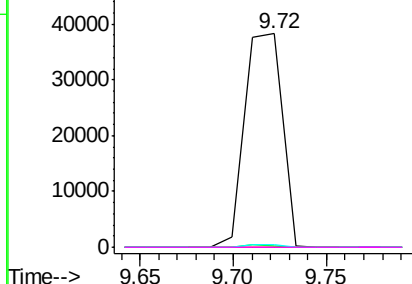
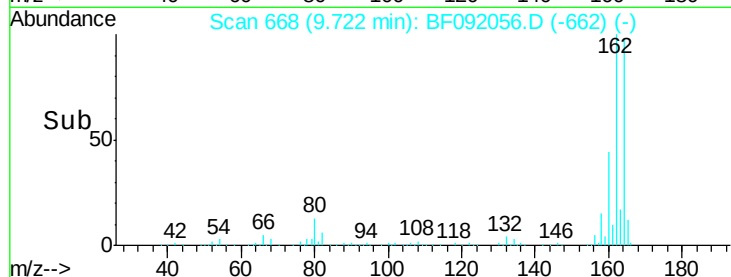


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

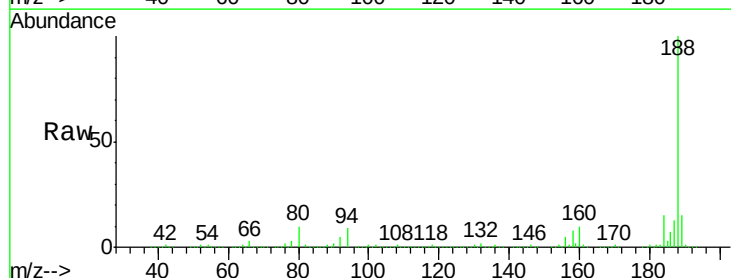
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF092056.D
 Acq: 30 Dec 2016 20:13

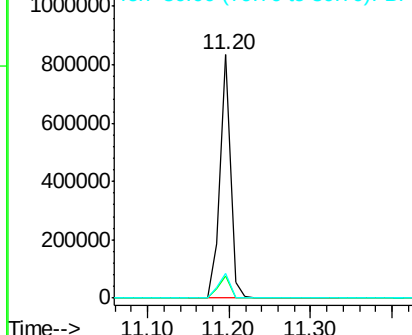
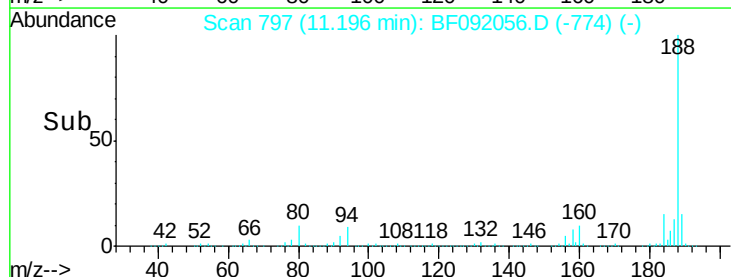
Tgt Ion:	188	Resp:	749170
Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	10.2	11.2	16.8#

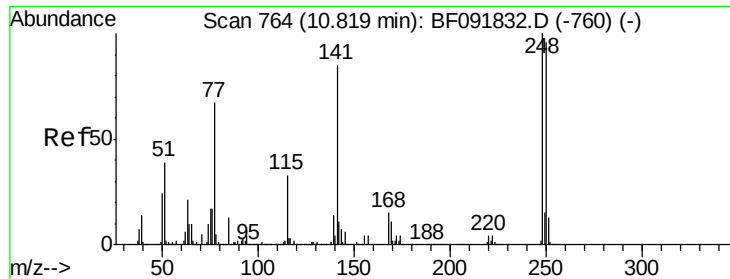


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.21 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.27 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

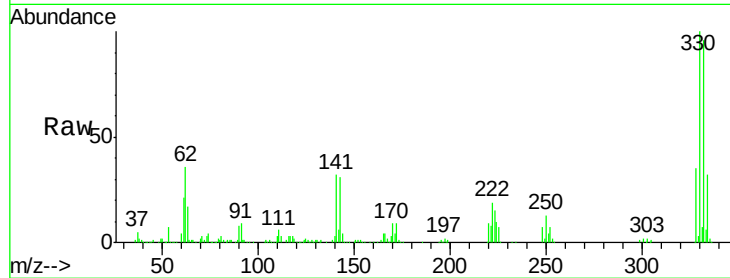
Tgt Ion:248 Resp: 32822

Ion Ratio Lower Upper

248 100

250 197.6 76.9 115.3#

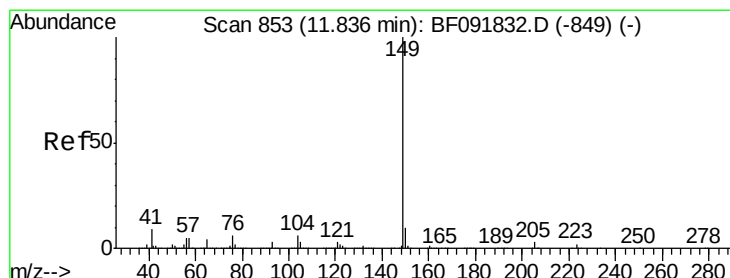
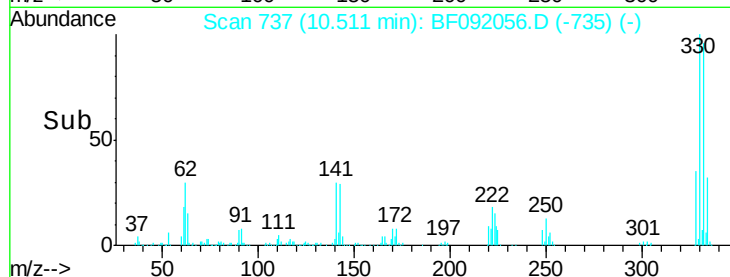
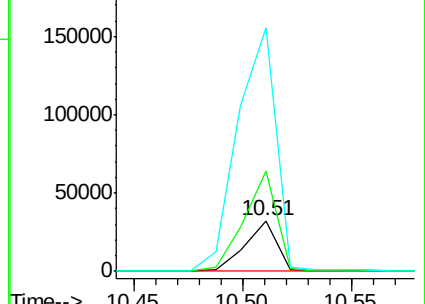
141 480.1 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

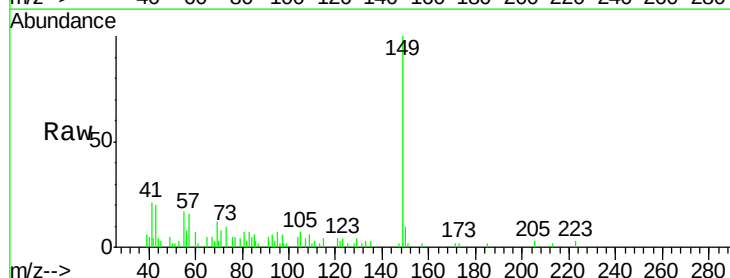
Tgt Ion:149 Resp: 17273

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

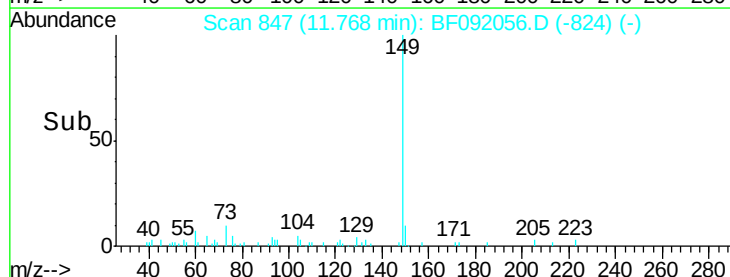
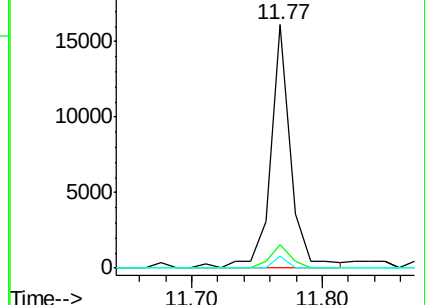
104 4.9 4.6 7.0

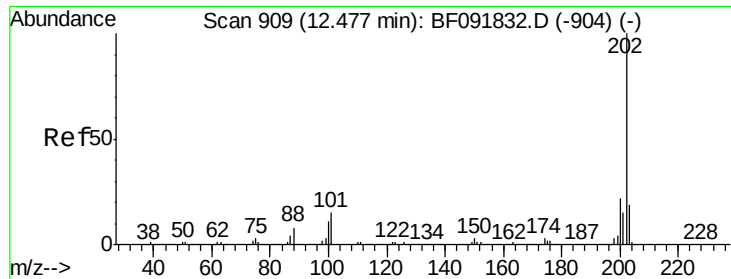


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

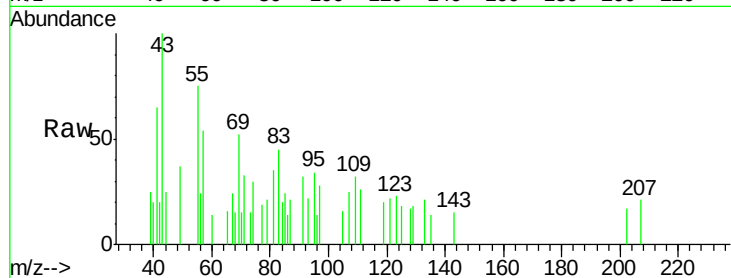




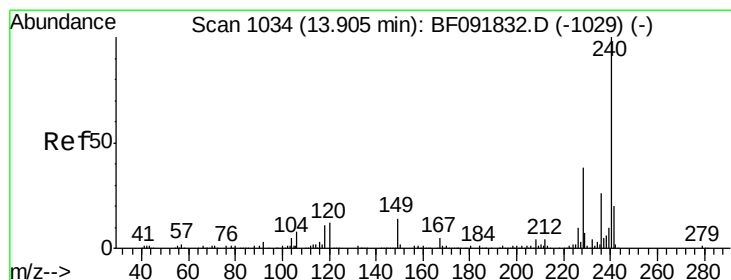
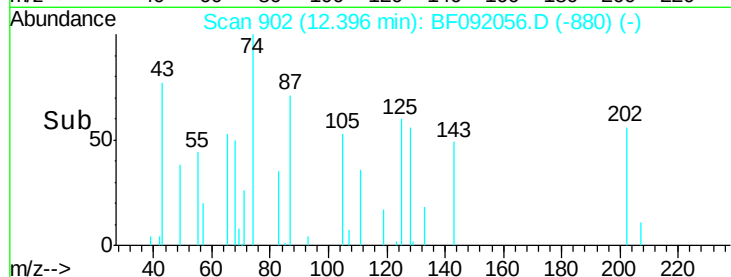
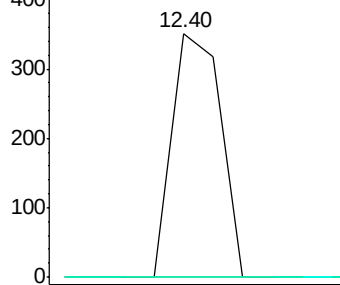
#74
Fluoranthene
Concen: Below Cal
RT: 12.40 min Scan# 902
Delta R.T. -0.05 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Instrument :
BNA_F
ClientSampled :
GMW-02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

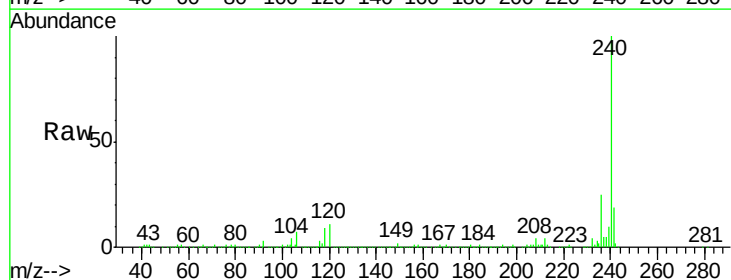


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

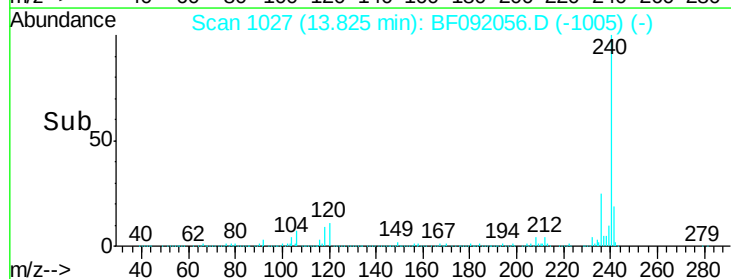
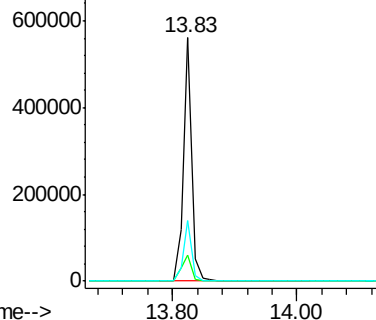


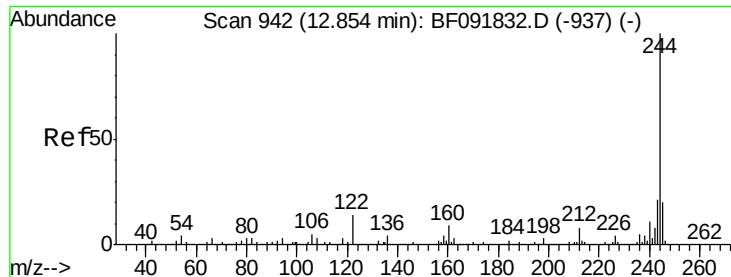
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF092056.D
Acq: 30 Dec 2016 20:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	25.1	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: 76.89 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

Instrument :

BNA_F

ClientSampleId :

GMW-02

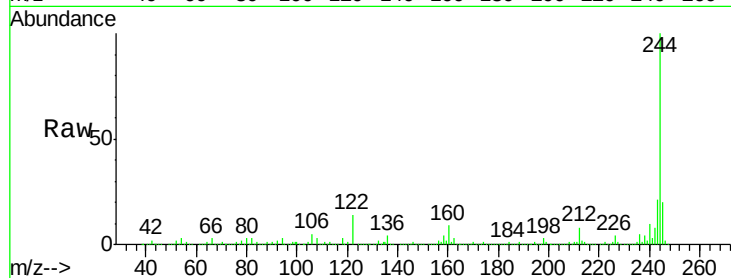
Tgt Ion:244 Resp: 1639401

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

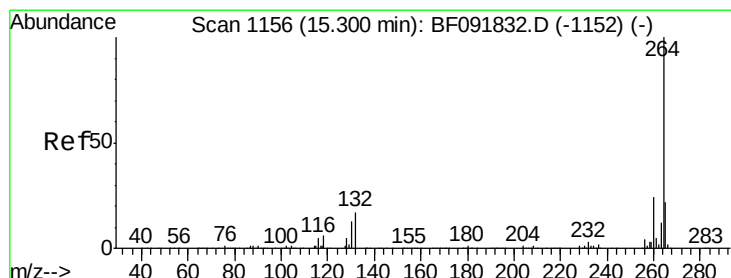
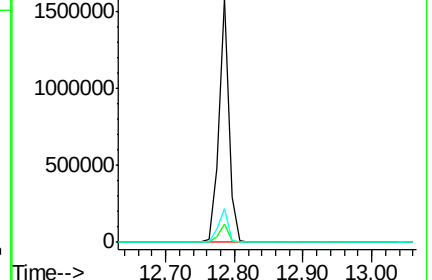
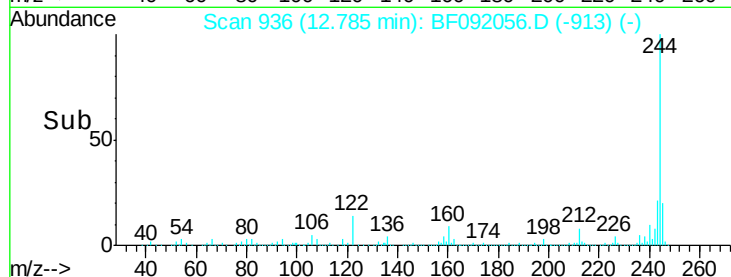
122 14.0 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092056.D

Acq: 30 Dec 2016 20:13

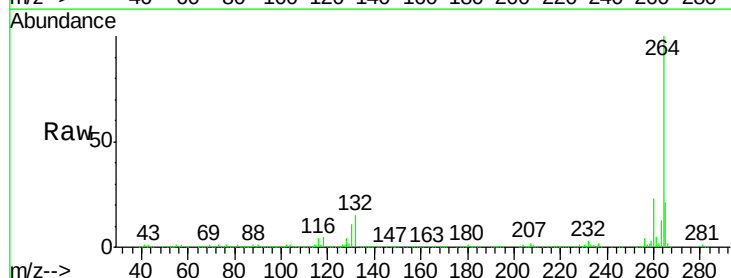
Tgt Ion:264 Resp: 412202

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 17.4 26.0



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

