

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085737.D
 Acq On : 25 Mar 2016 2:48
 Operator : UM/SJ
 Sample : H1884-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3(12-14)

Quant Time: Mar 25 02:27:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

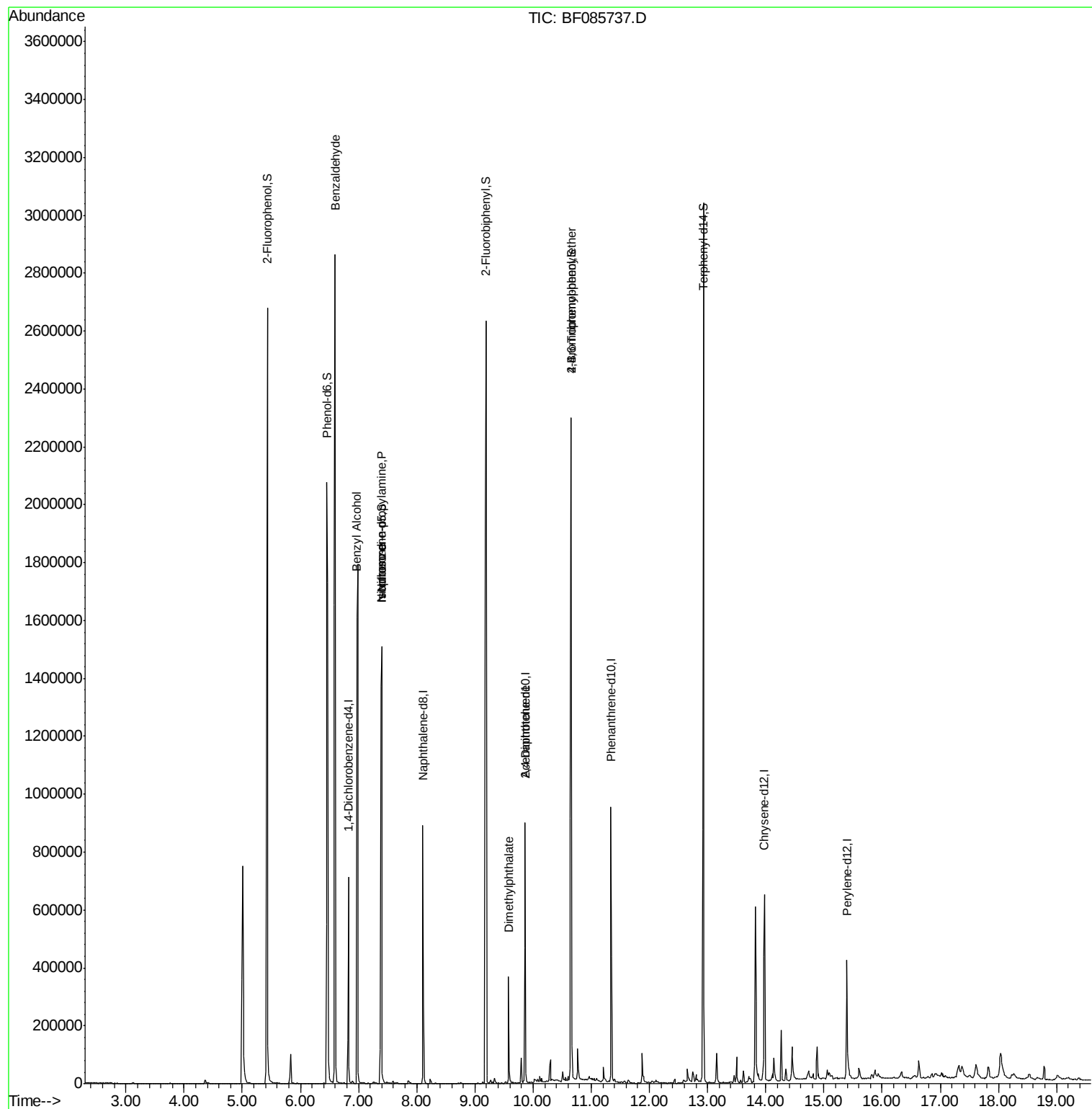
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107651	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	418269	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	206598	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	388080	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	279477	20.00	ng	0.00
86) Perylene-d12	15.40	264	197457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	930793	144.00	ng	0.02
7) Phenol-d6	6.46	99	1215855	147.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	755795	101.76	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	303313	154.52	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1096841	88.70	ng	0.00
78) Terphenyl-d14	12.93	244	944217	69.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	21040	4.25	ng	89
15) Benzyl Alcohol	6.97	79	11322	2.06	ng	# 49
19) n-Nitroso-di-n-propylamine	7.40	70	97503	19.81	ng	# 73
25) Isophorone	7.40	82	722046	50.46	ng	# 68
49) Dimethylphthalate	9.58	163	127304	8.12	ng	99
56) 2,4-Dinitrotoluene	9.86	165	26106	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	20562	5.18	ng	# 1

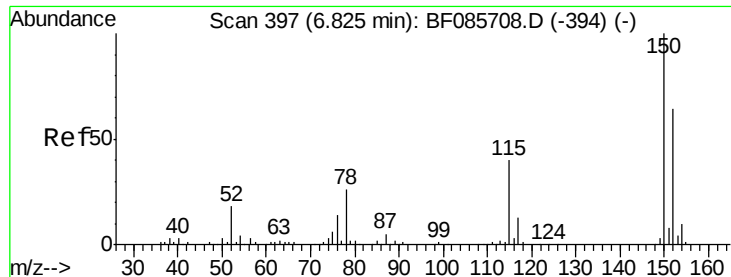
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Instrument :

BNA_F

ClientSampleId :

GW-3(12-14)

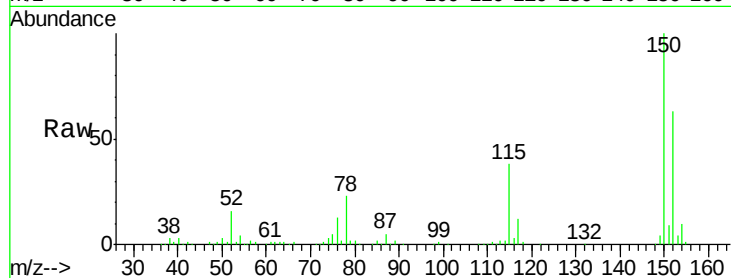
Tgt Ion:152 Resp: 107651

Ion Ratio Lower Upper

152 100

150 158.3 124.2 186.2

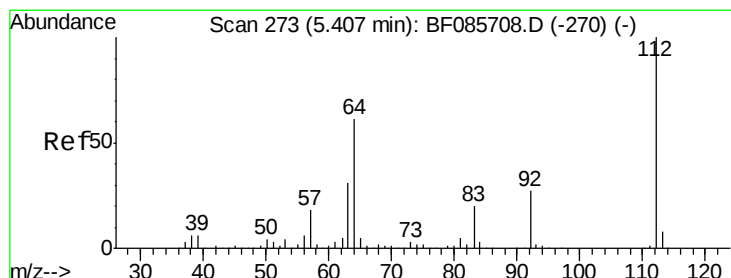
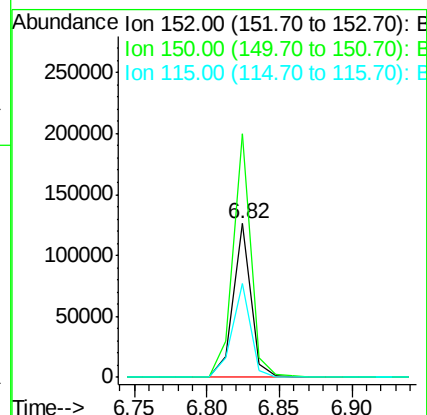
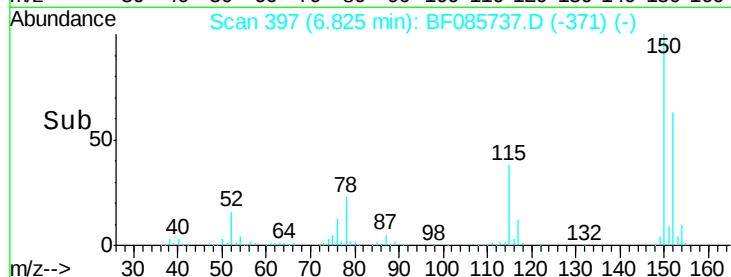
115 60.7 47.0 70.6



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: 144.00 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

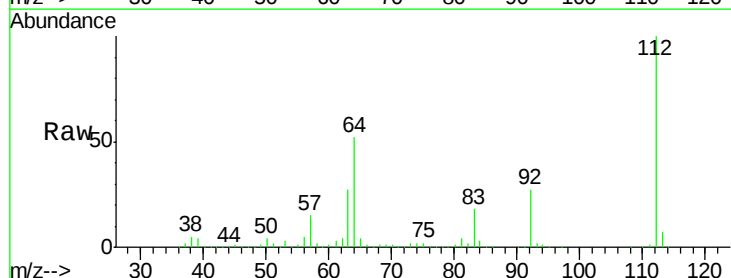
Tgt Ion:112 Resp: 930793

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

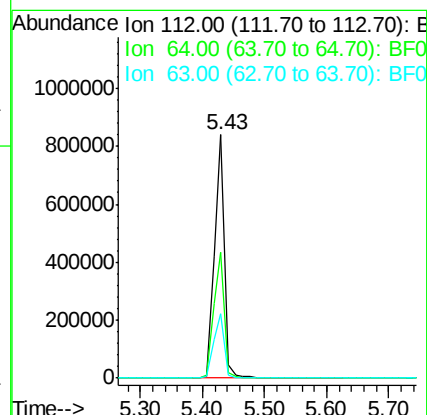
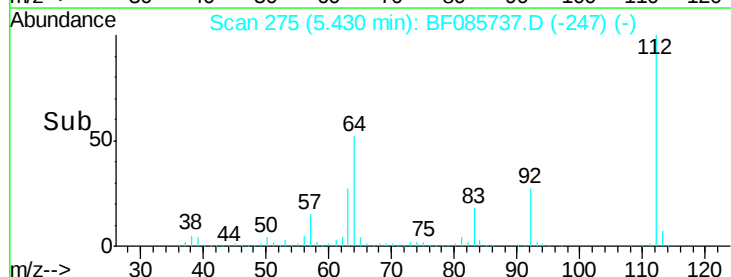
63 26.5 20.2 30.2

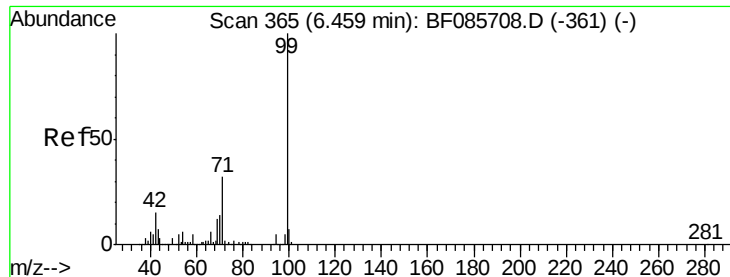


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.94 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Instrument :

BNA_F

ClientSampled :

GW-3(12-14)

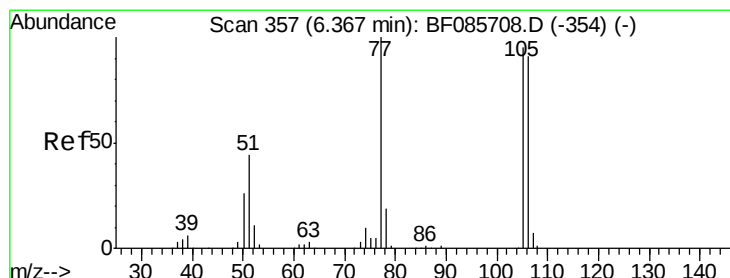
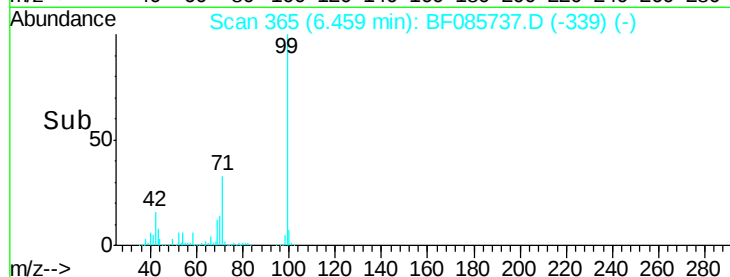
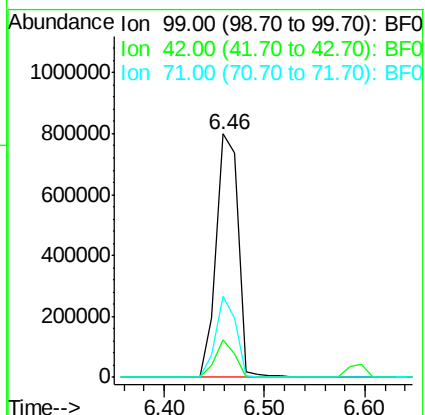
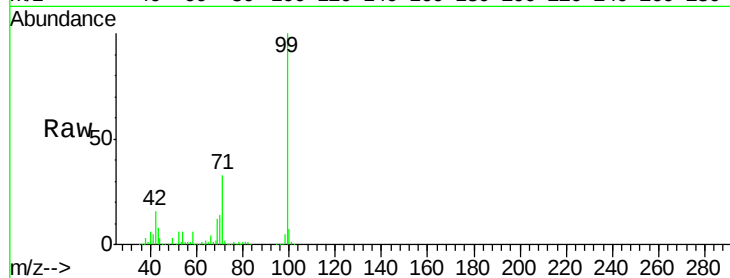
Tgt Ion: 99 Resp: 1215855

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

71 33.3 24.9 37.3



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

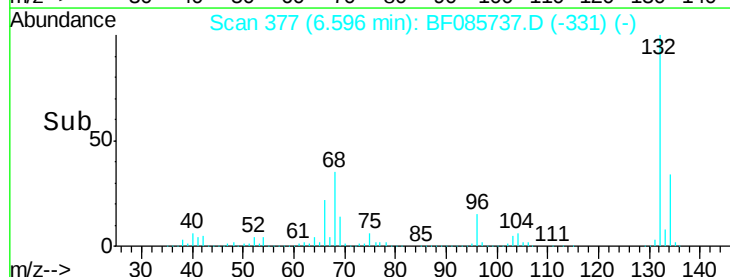
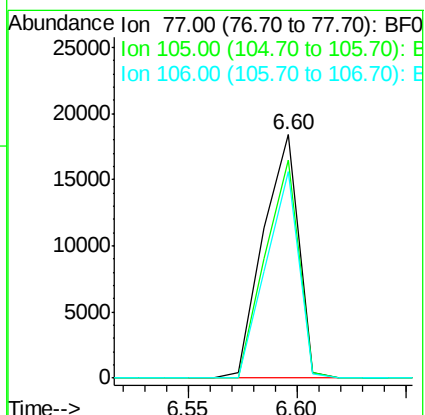
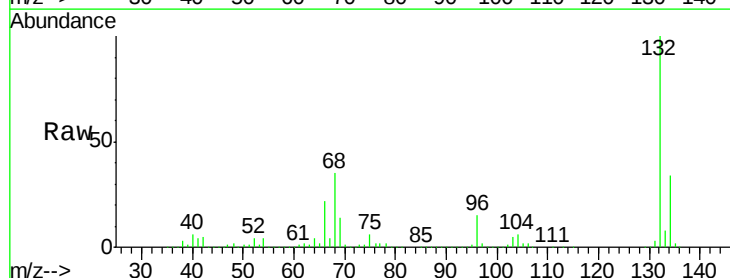
Tgt Ion: 77 Resp: 21040

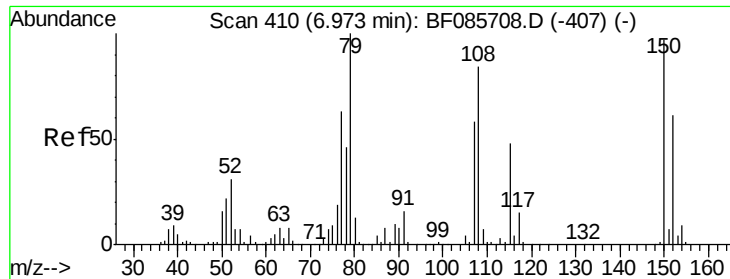
Ion Ratio Lower Upper

77 100

105 89.6 80.1 120.1

106 84.6 75.0 115.0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Instrument :

BNA_F

ClientSampleId :

GW-3(12-14)

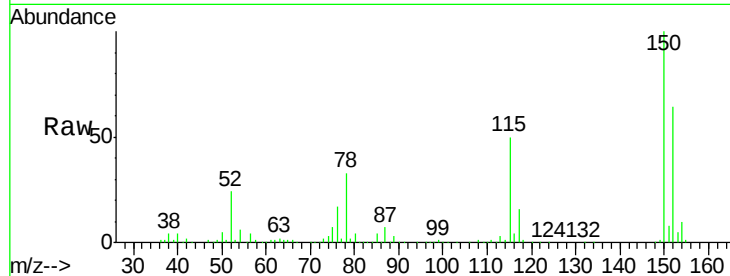
Tgt Ion: 79 Resp: 11322

Ion Ratio Lower Upper

79 100

108 28.7 61.8 92.6#

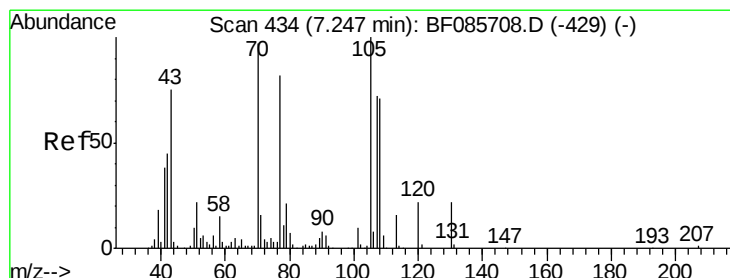
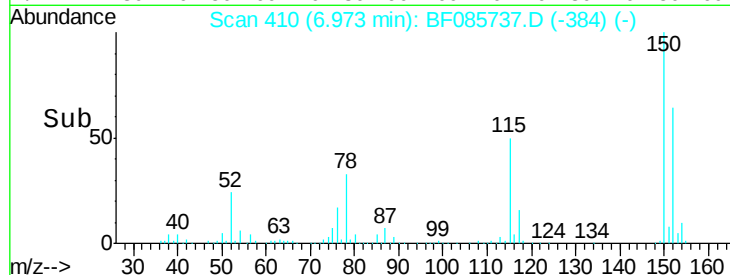
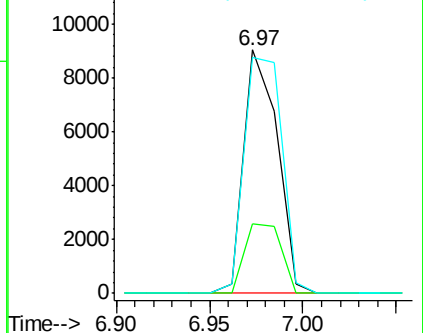
77 97.1 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.81 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Tgt Ion: 70 Resp: 97503

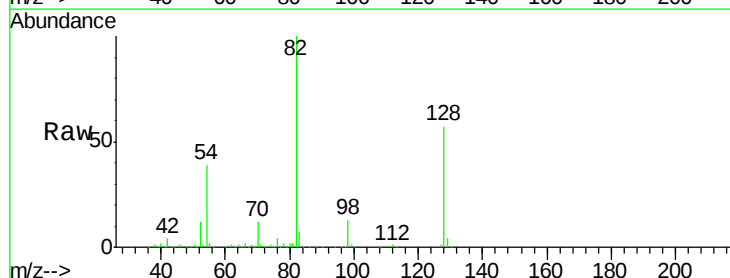
Ion Ratio Lower Upper

70 100

42 34.5 37.1 55.7#

101 0.0 8.6 12.8#

130 3.1 19.6 29.4#

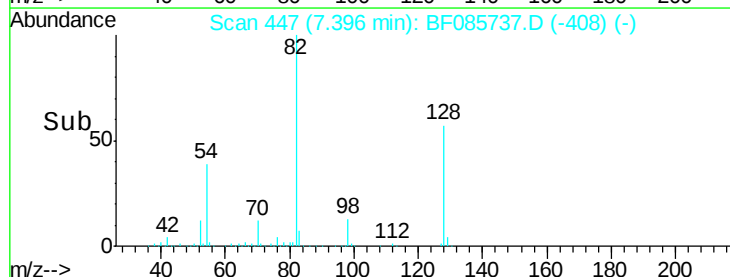
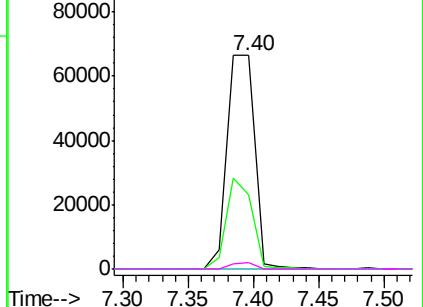


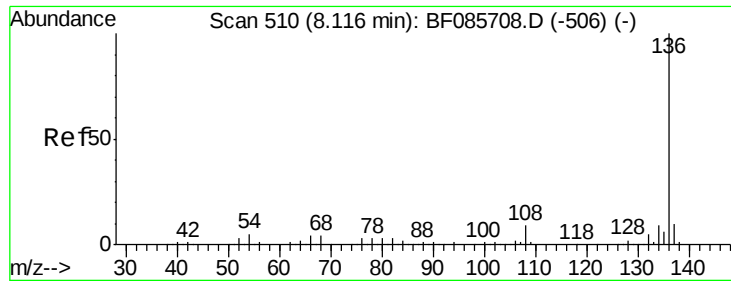
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

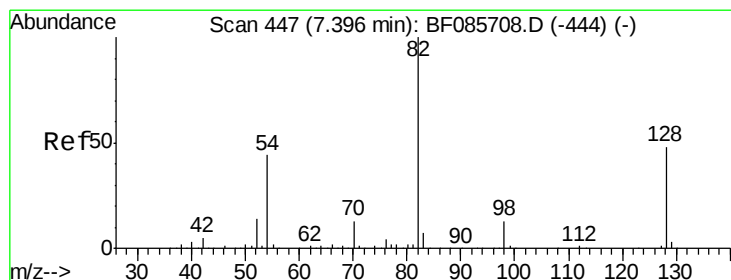
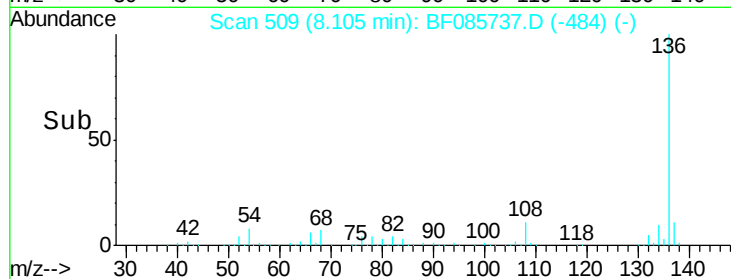
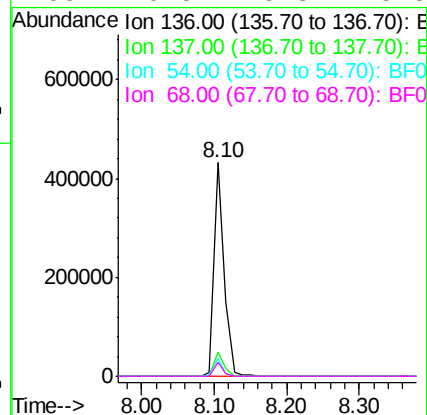
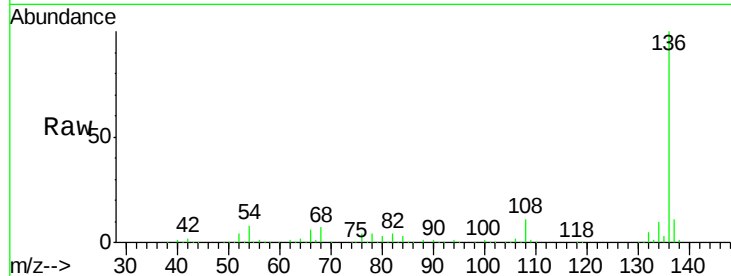




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085737.D
Acq: 25 Mar 2016 2:48

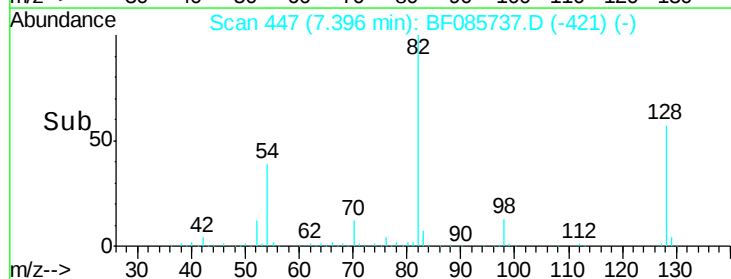
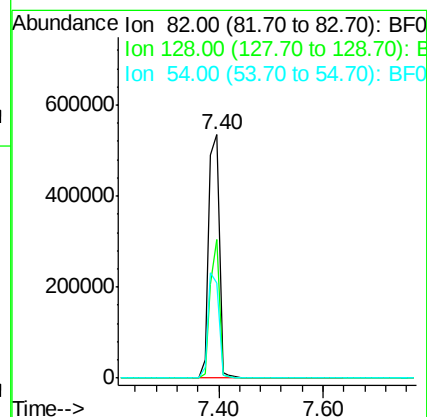
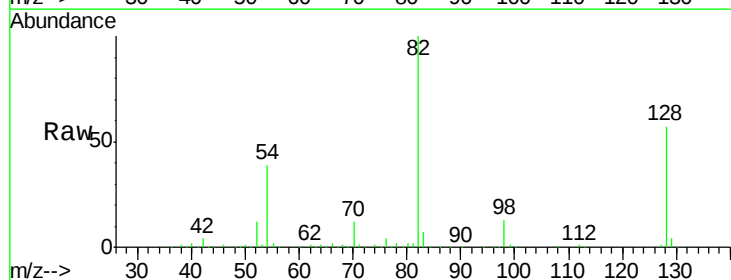
Instrument :
BNA_F
ClientSampleId :
GW-3(12-14)

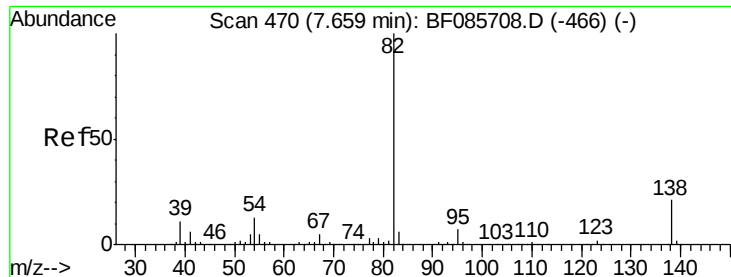
Tgt Ion:	136	Resp:	418269
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.2	7.4	11.0
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 101.76 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085737.D
Acq: 25 Mar 2016 2:48

Tgt Ion:	82	Resp:	755795
Ion	Ratio	Lower	Upper
82	100		
128	56.9	41.8	62.8
54	39.3	33.4	50.0





#25

Isophorone

Concen: 50.46 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Instrument :

BNA_F

ClientSampleId :

GW-3(12-14)

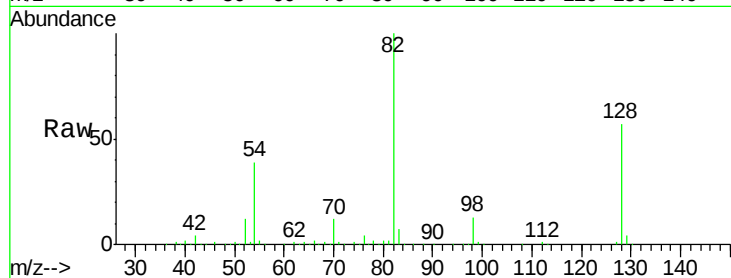
Tgt Ion: 82 Resp: 722046

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

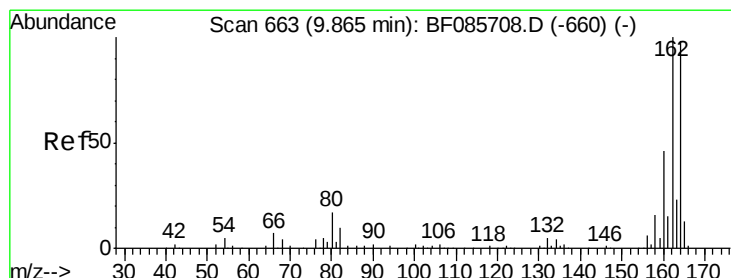
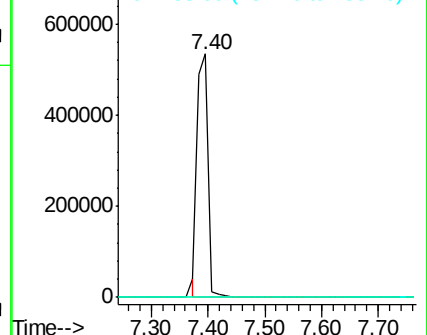
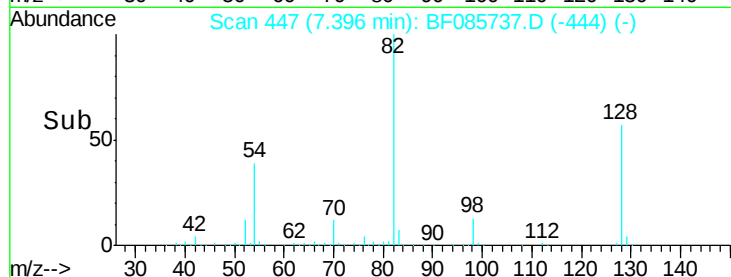
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

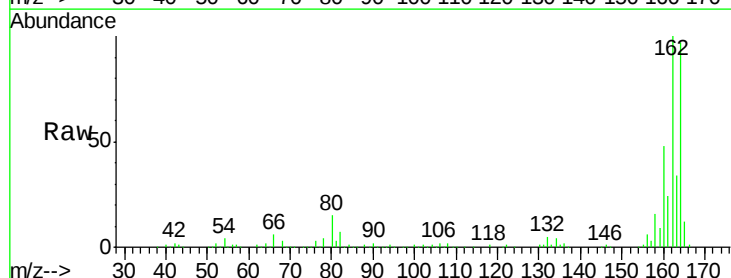
Tgt Ion: 164 Resp: 206598

Ion Ratio Lower Upper

164 100

162 103.0 82.1 123.1

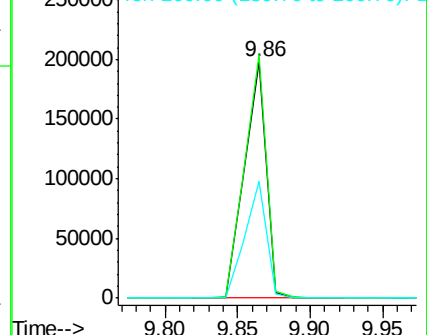
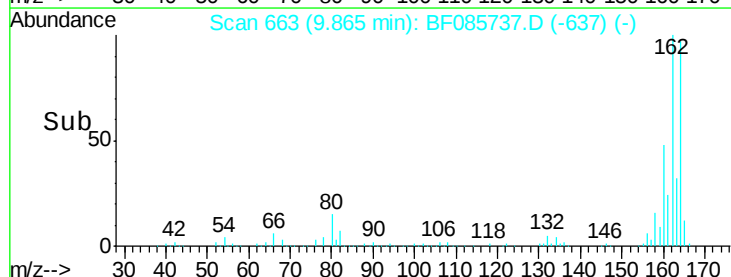
160 49.2 37.4 56.2

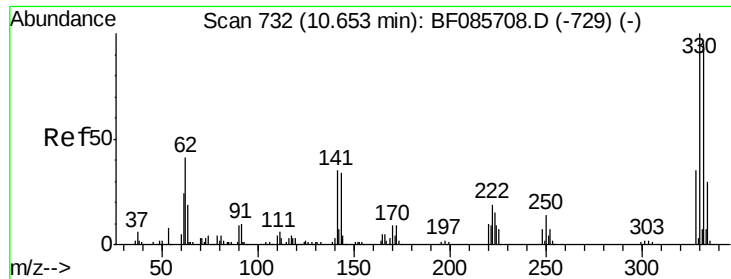


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

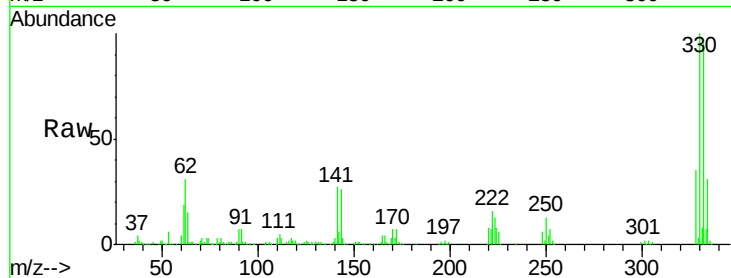




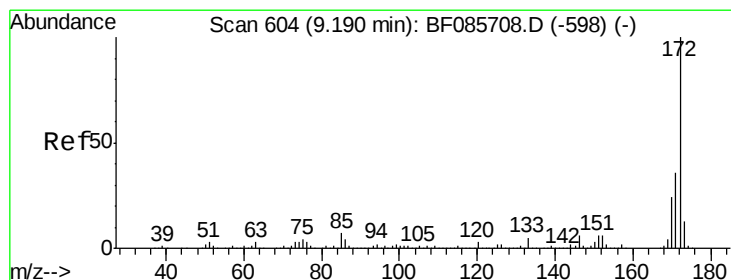
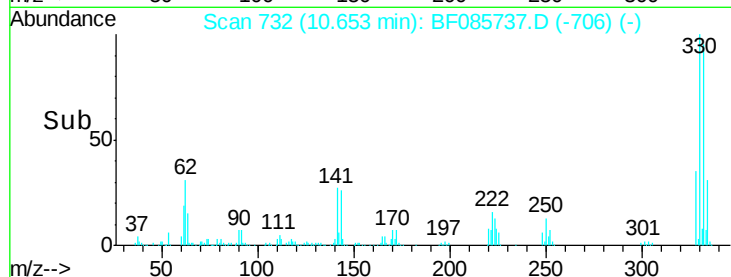
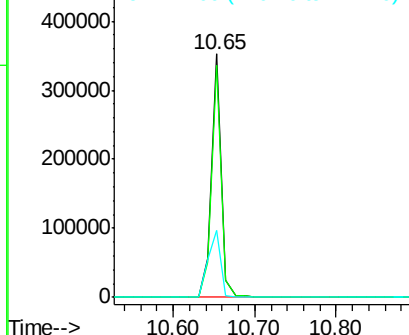
#41
 2,4,6-Tribromophenol
 Concen: 154.52 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085737.D
 Acq: 25 Mar 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 GW-3(12-14)

Tgt Ion:330 Resp: 303313
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.2 117.2
 141 35.8 31.5 47.3

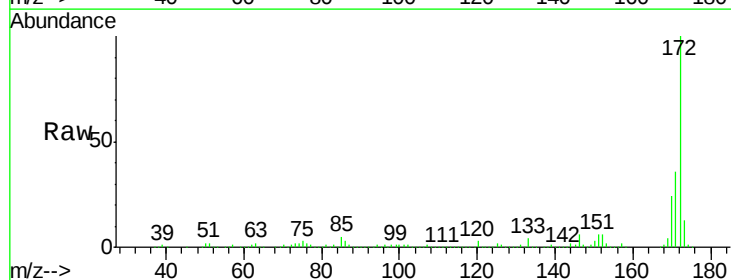


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

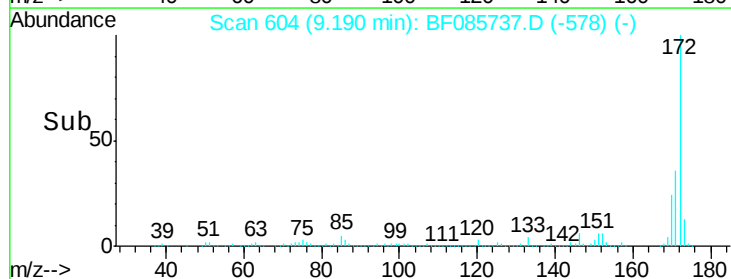
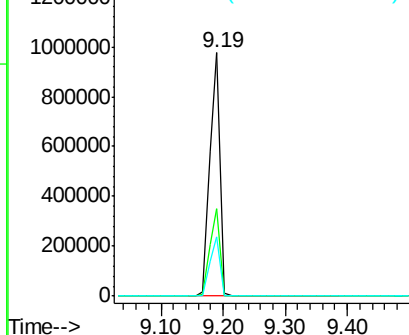


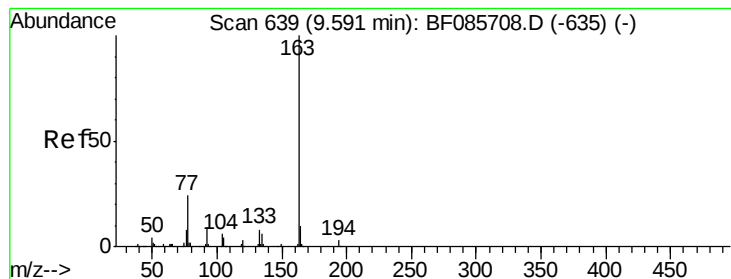
#44
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085737.D
 Acq: 25 Mar 2016 2:48

Tgt Ion:172 Resp: 1096841
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.4 19.8 29.6



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: 8.12 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Instrument :

BNA_F

ClientSampleId :

GW-3(12-14)

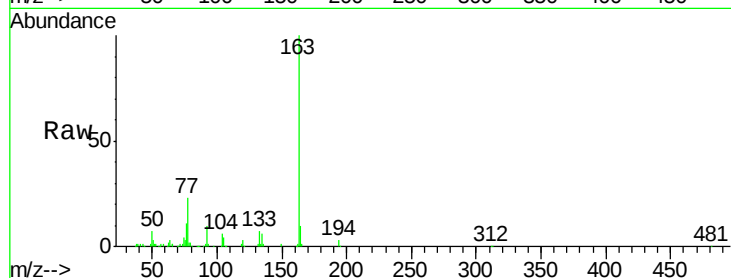
Tgt Ion:163 Resp: 127304

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

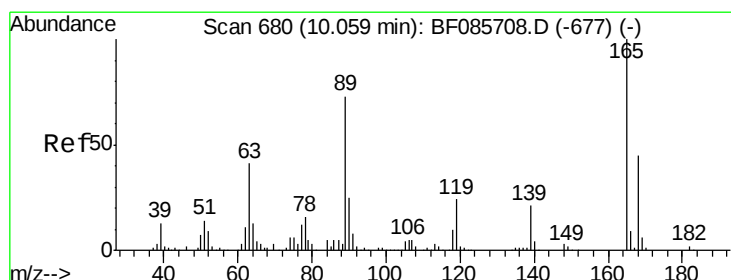
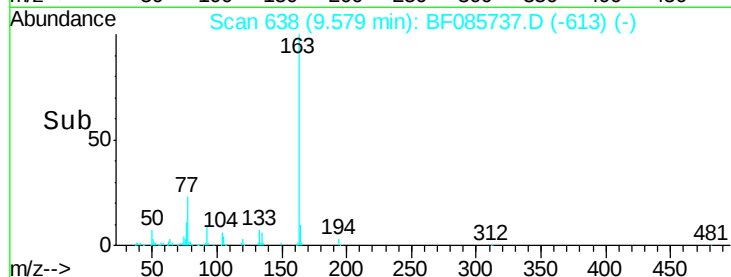
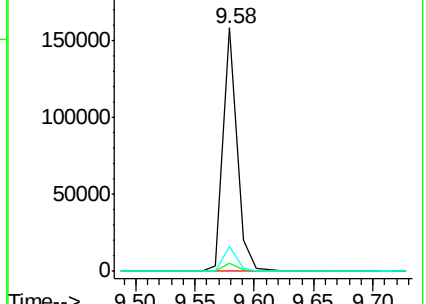
164 10.1 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.19 min

Lab File: BF085737.D

Acq: 25 Mar 2016 2:48

Tgt Ion:165 Resp: 26106

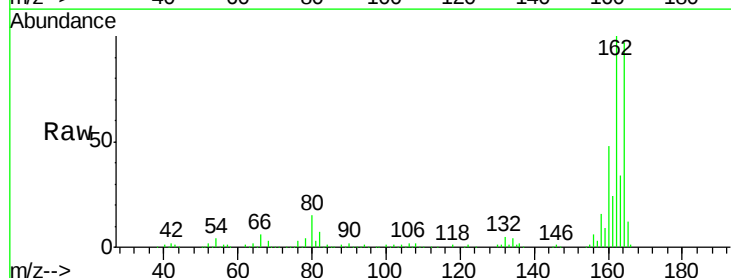
Ion Ratio Lower Upper

165 100

63 1.9 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

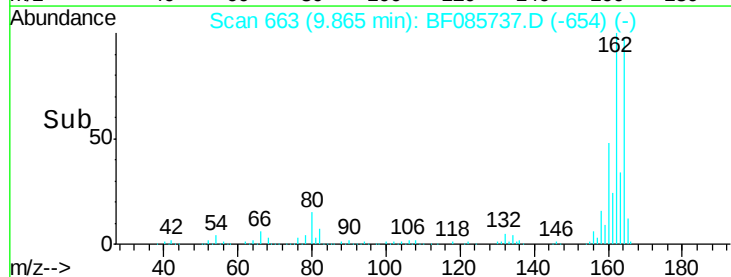
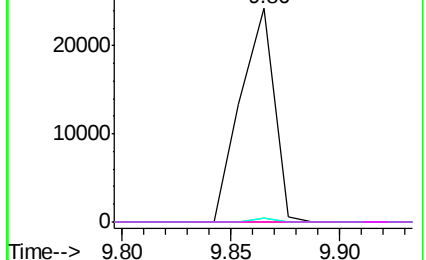


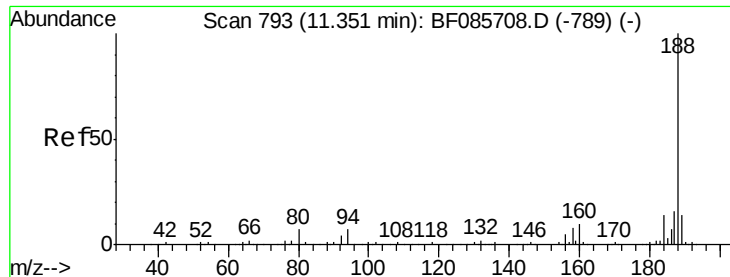
Abundance Ion 165.00 (164.70 to 165.70): E

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

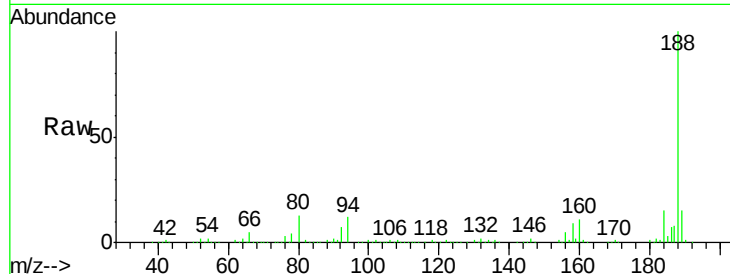




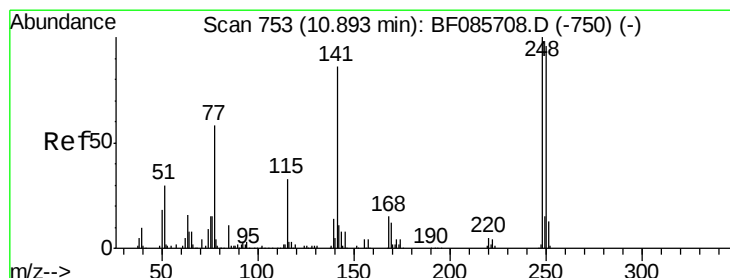
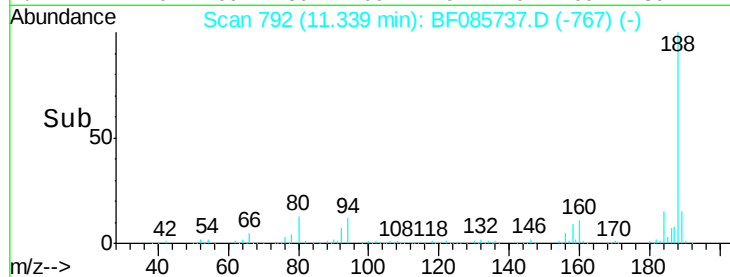
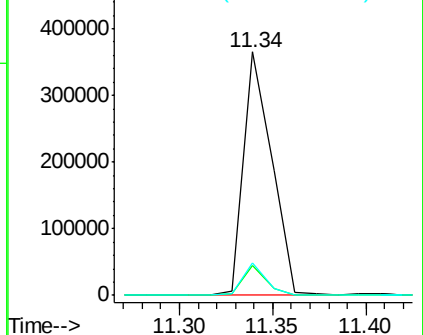
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085737.D
Acq: 25 Mar 2016 2:48

Instrument :
BNA_F
ClientSampleId :
GW-3(12-14)

Tgt Ion:188 Resp: 388080
Ion Ratio Lower Upper
188 100
94 12.4 5.4 8.0#
80 13.3 5.5 8.3#

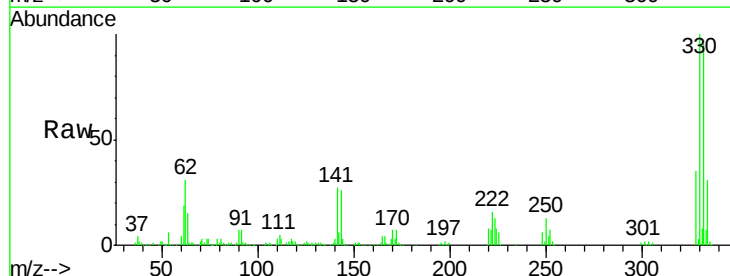


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

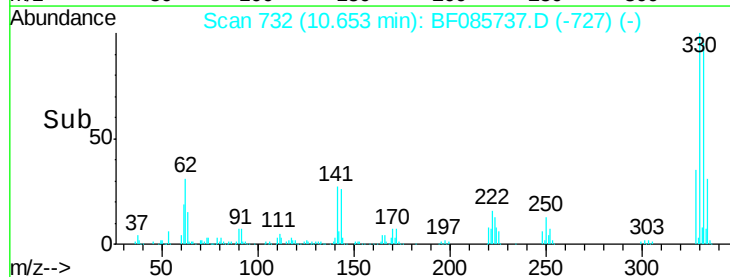
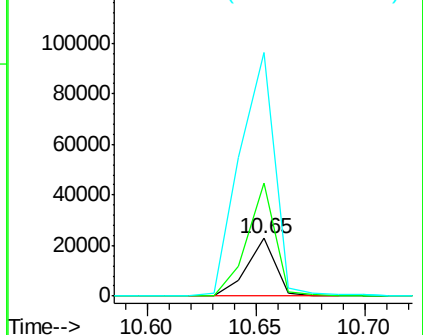


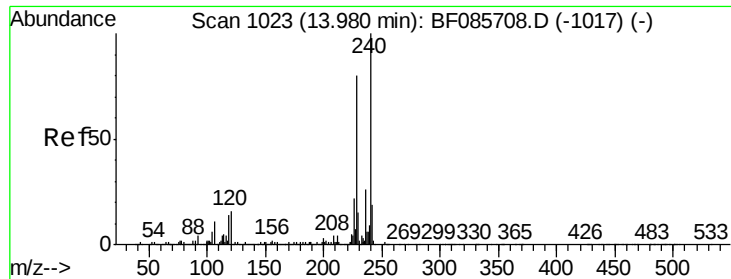
#66
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085737.D
Acq: 25 Mar 2016 2:48

Tgt Ion:248 Resp: 20562
Ion Ratio Lower Upper
248 100
250 197.8 77.4 116.0#
141 424.2 63.6 95.4#



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

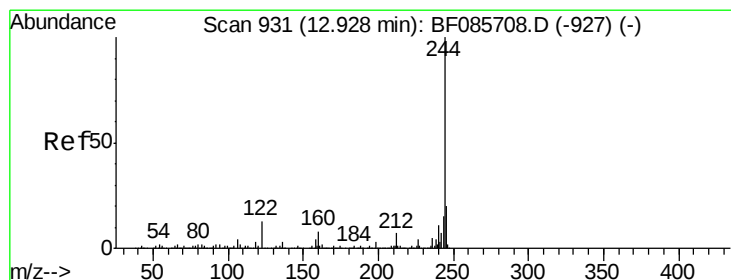
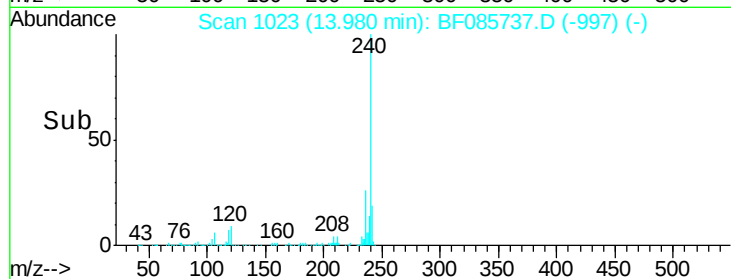
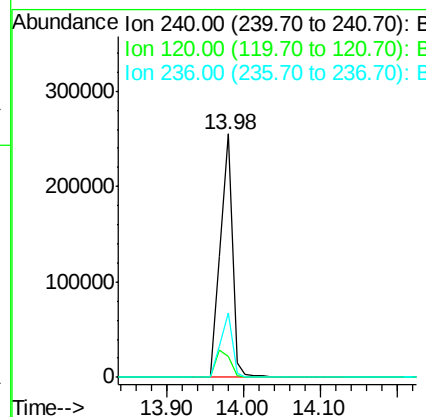
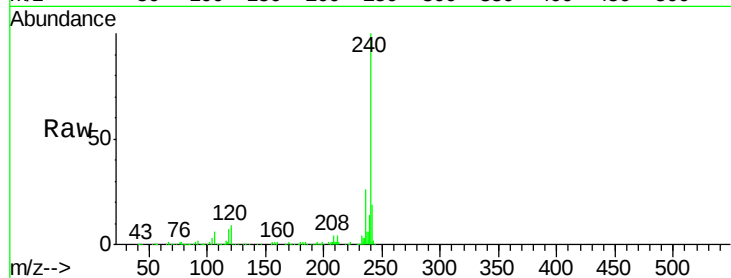




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF085737.D
 Acq: 25 Mar 2016 2:48

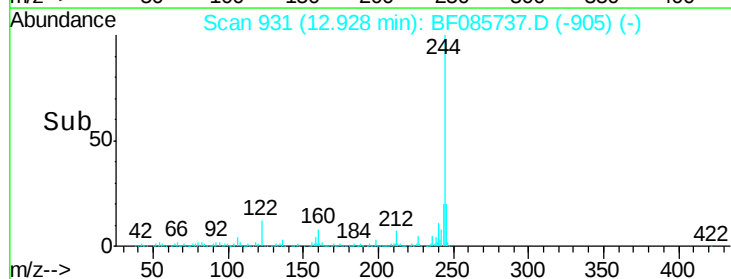
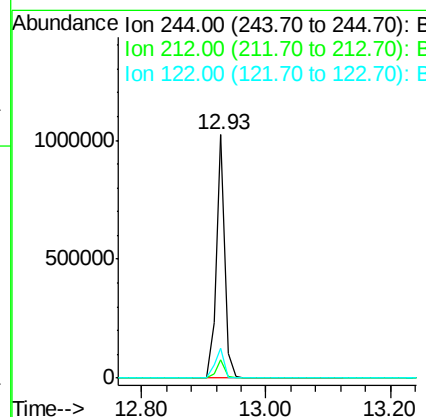
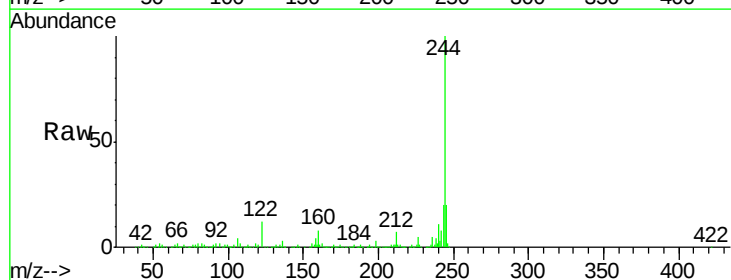
Instrument :
 BNA_F
 ClientSampleId :
 GW-3(12-14)

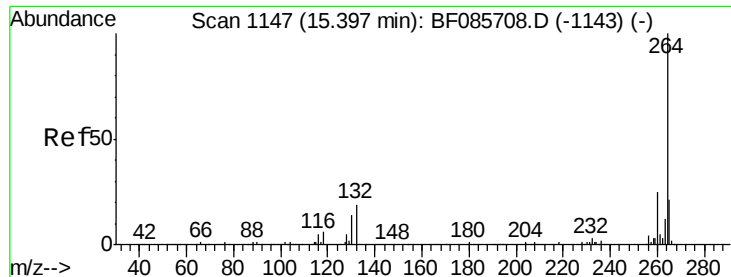
Tgt Ion: 240 Resp: 279477
 Ion Ratio Lower Upper
 240 100
 120 8.6 13.8 20.8#
 236 26.3 20.6 30.8



#78
 Terphenyl-d14
 Concen: 69.48 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085737.D
 Acq: 25 Mar 2016 2:48

Tgt Ion: 244 Resp: 944217
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.0 10.2 15.4

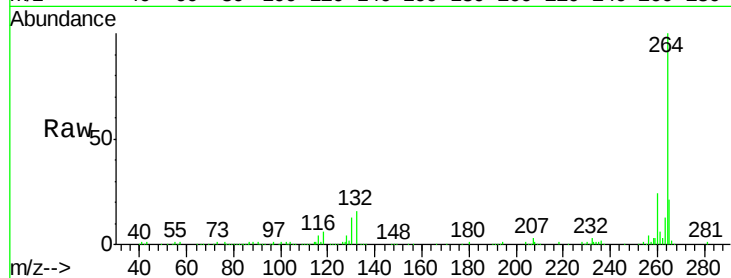




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF085737.D
Acq: 25 Mar 2016 2:48

Instrument :
BNA_F
ClientSampleId :
GW-3(12-14)

Tgt Ion: 264 Resp: 197457
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.1 17.2 25.8



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

