

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085738.D
 Acq On : 25 Mar 2016 3:17
 Operator : UM/SJ
 Sample : H1884-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3(18-20)

Quant Time: Mar 25 03:10:37 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

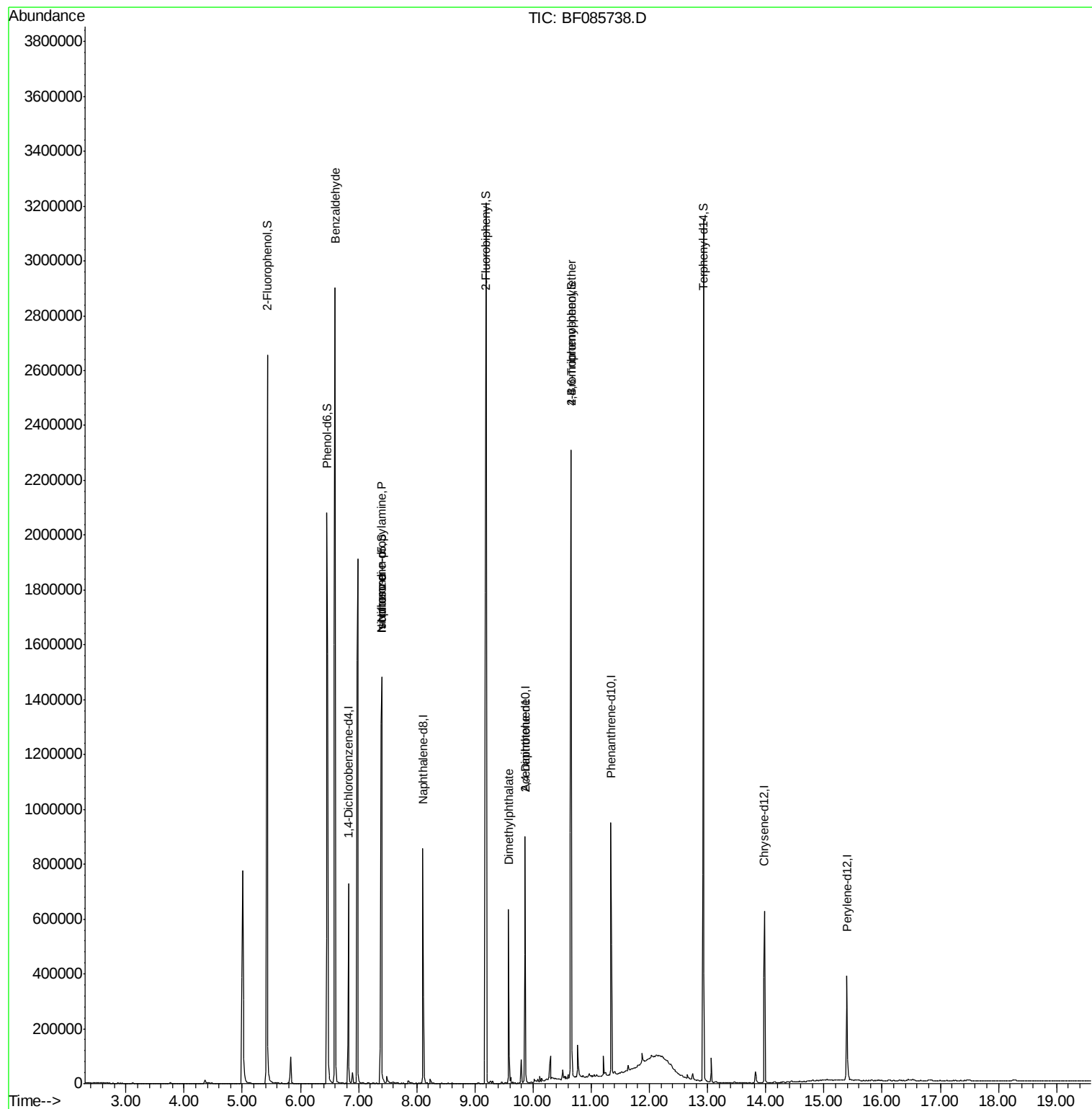
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107775	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	416606	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	206690	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	395433	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	268507	20.00	ng	0.00
86) Perylene-d12	15.40	264	191377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	923650	142.73	ng	0.02
7) Phenol-d6	6.46	99	1165745	141.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	741556	100.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	301677	153.62	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1210271	97.83	ng	0.00
78) Terphenyl-d14	12.93	244	976329	74.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	21271	4.29	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	96269	19.54	ng	# 73
25) Isophorone	7.40	82	704798	49.46	ng	# 68
37) 2-Methylnaphthalene	8.82	142	643	Below Cal		# 75
49) Dimethylphthalate	9.58	163	232846	14.85	ng	99
56) 2,4-Dinitrotoluene	9.86	165	25269	5.89	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	20041	4.95	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: BF085738.D

Acq: 25 Mar 2016 3:17

Instrument :

BNA_F

ClientSampleId :

GW-3(18-20)

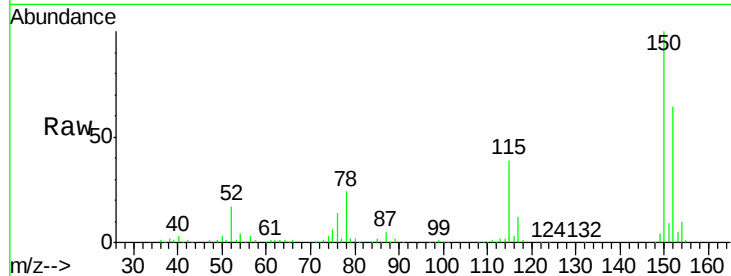
Tgt Ion:152 Resp: 107775

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

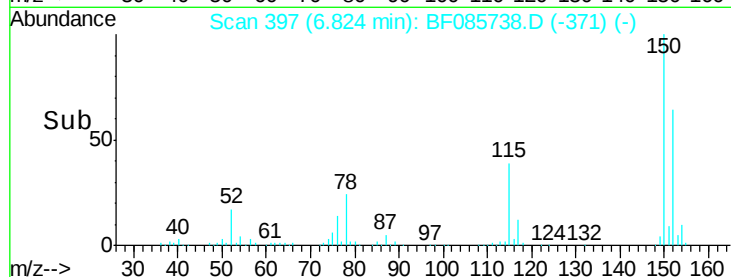
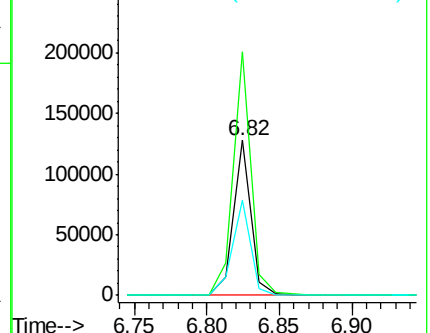
115 61.3 47.0 70.6



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: 142.73 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085738.D

Acq: 25 Mar 2016 3:17

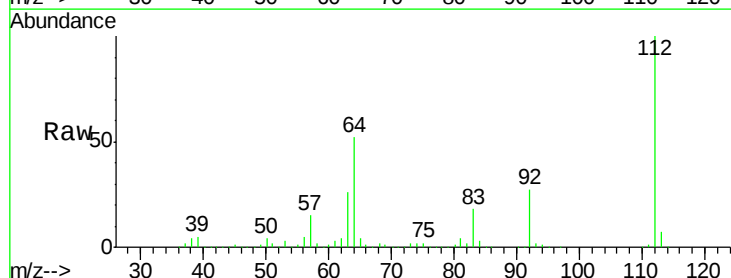
Tgt Ion:112 Resp: 923650

Ion Ratio Lower Upper

112 100

64 52.3 39.9 59.9

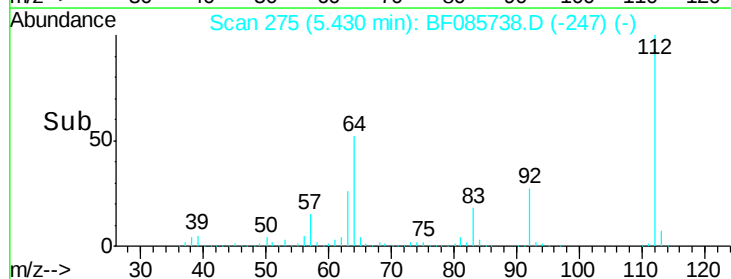
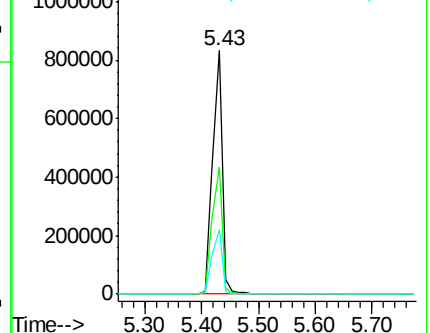
63 26.2 20.2 30.2



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: 141.68 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085738.D

Acq: 25 Mar 2016 3:17

Instrument :

BNA_F

ClientSampleId :

GW-3(18-20)

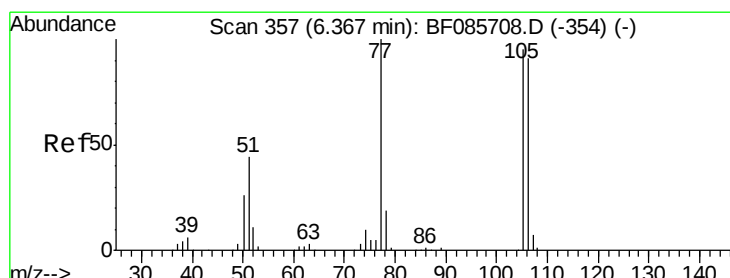
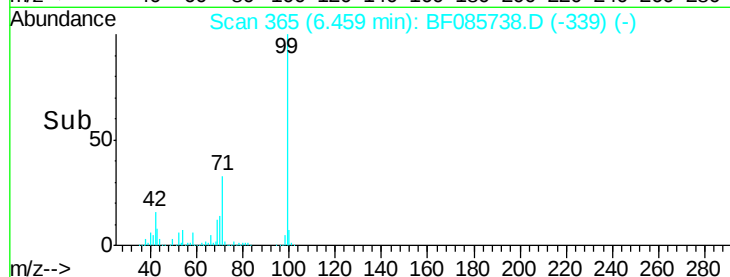
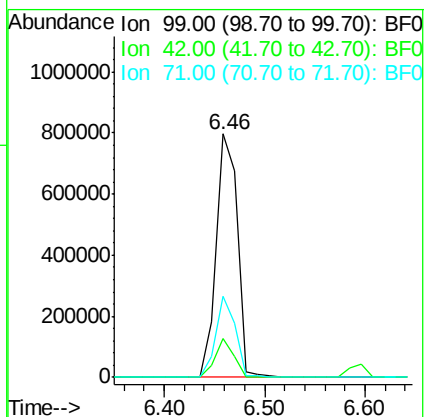
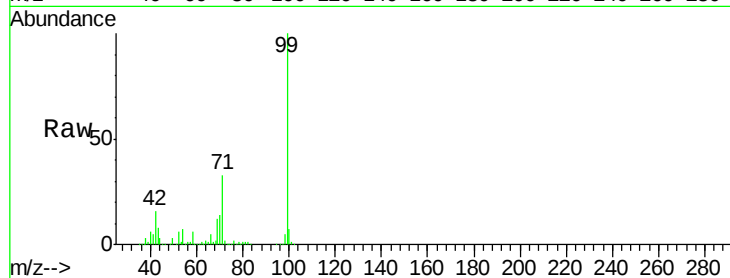
Tgt Ion: 99 Resp: 1165745

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

71 33.3 24.9 37.3



#9

Benzaldehyde

Concen: 4.29 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085738.D

Acq: 25 Mar 2016 3:17

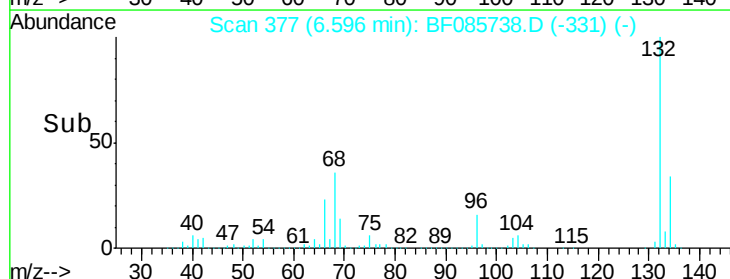
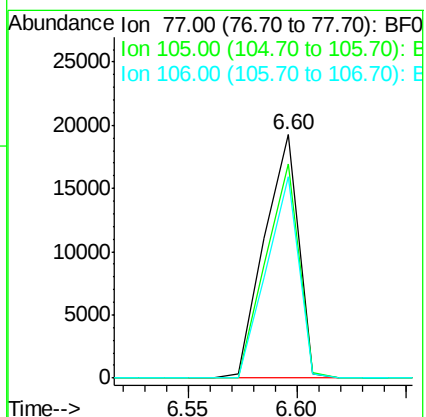
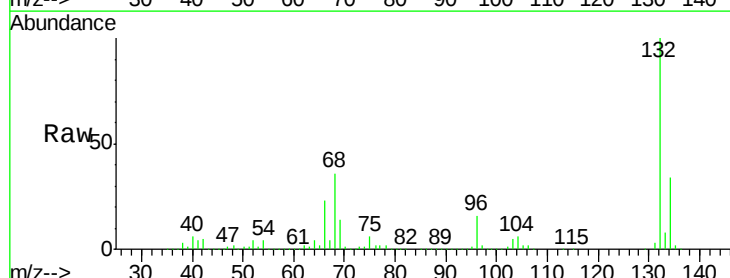
Tgt Ion: 77 Resp: 21271

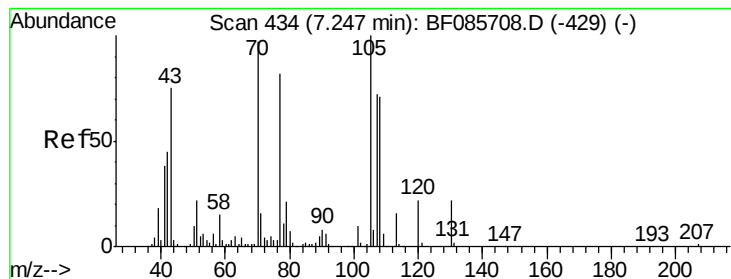
Ion Ratio Lower Upper

77 100

105 87.9 80.1 120.1

106 82.7 75.0 115.0





#19

n-Nitroso-di-n-propylamine

Concen: 19.54 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF085738.D

Acq: 25 Mar 2016 3:17

Instrument :

BNA_F

ClientSampleId :

GW-3(18-20)

Tgt Ion: 70 Resp: 96269

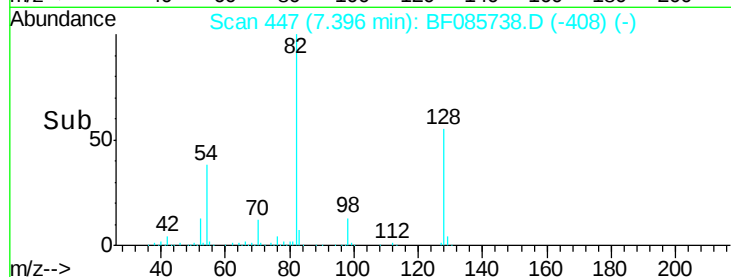
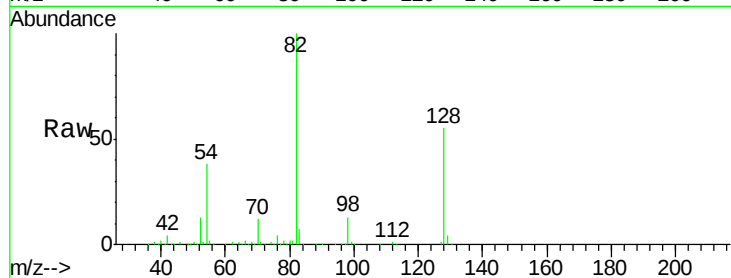
Ion Ratio Lower Upper

70 100

42 33.9 37.1 55.7#

101 0.0 8.6 12.8#

130 3.0 19.6 29.4#

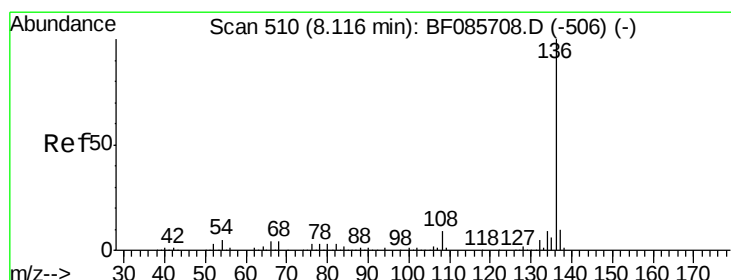
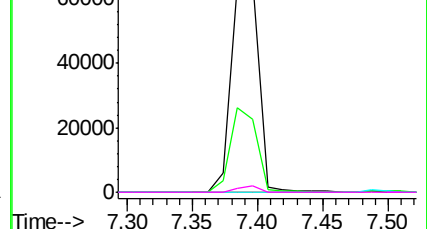


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085738.D

Acq: 25 Mar 2016 3:17

Tgt Ion: 136 Resp: 416606

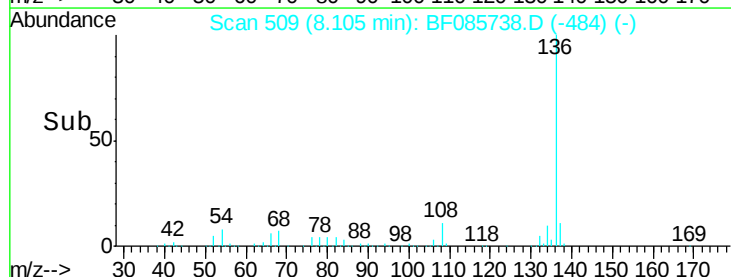
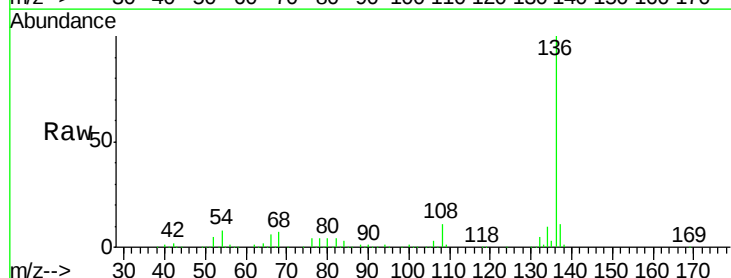
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.4 7.4 11.0

68 6.7 5.8 8.8

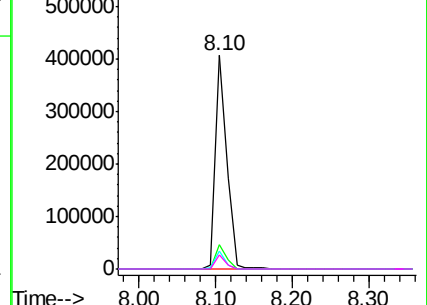


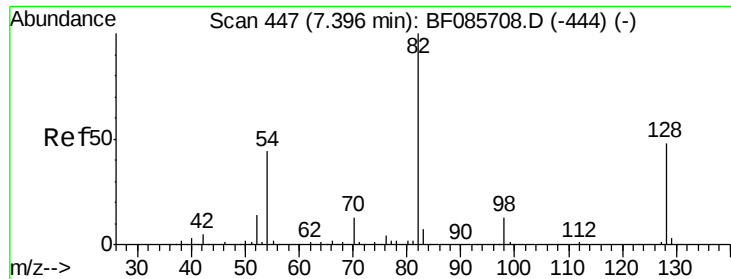
Abundance Ion 136.00 (135.70 to 136.70): E

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

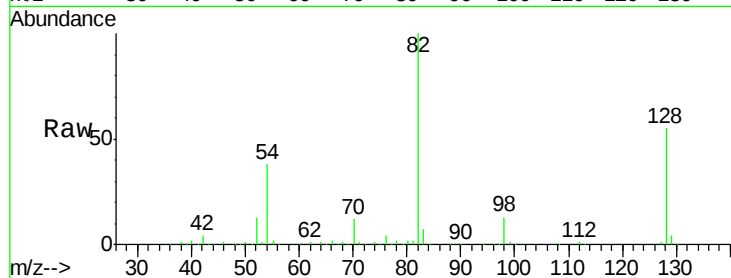




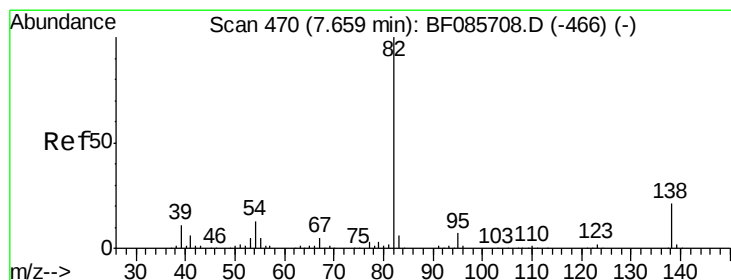
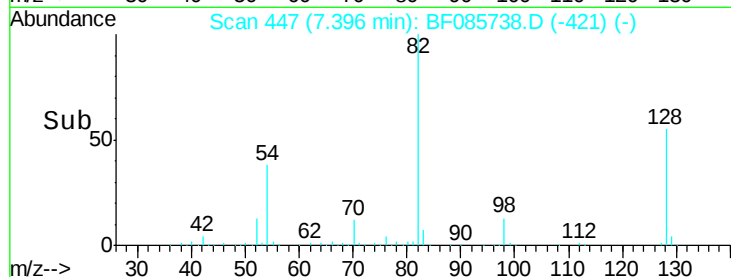
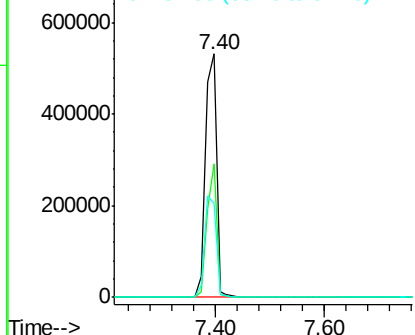
#23
 Nitrobenzene-d5
 Concen: 100.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 GW-3(18-20)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.1	41.8	62.8
54	38.5	33.4	50.0

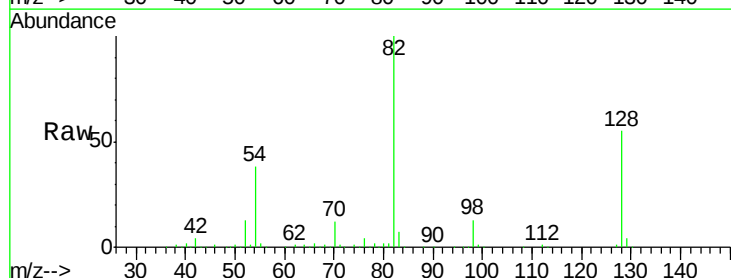


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

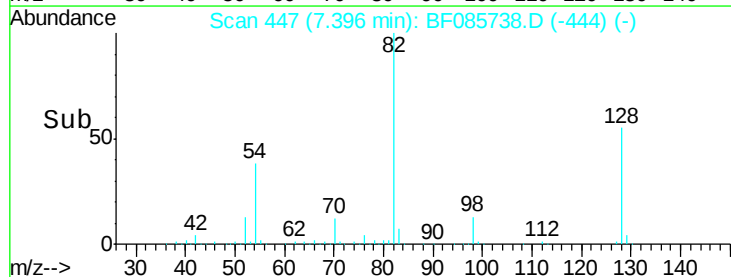
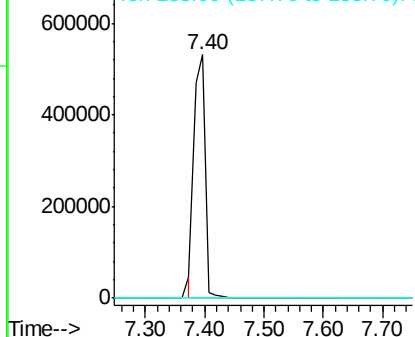


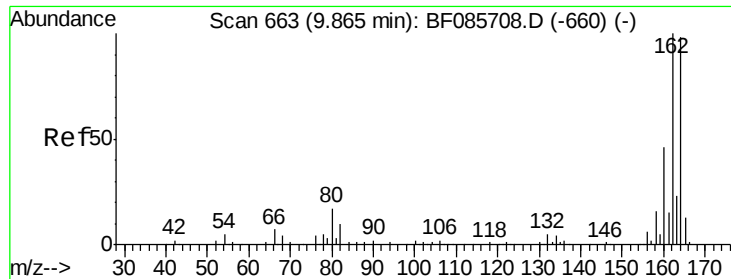
#25
 Isophorone
 Concen: 49.46 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Tgt 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): BF0

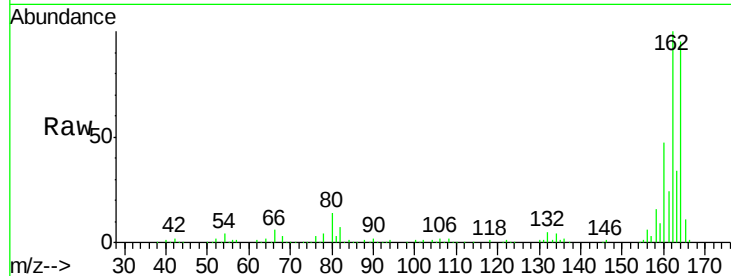




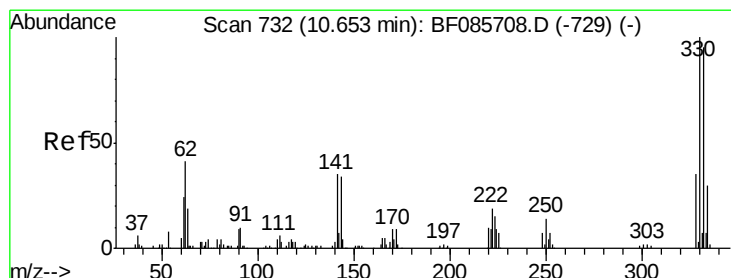
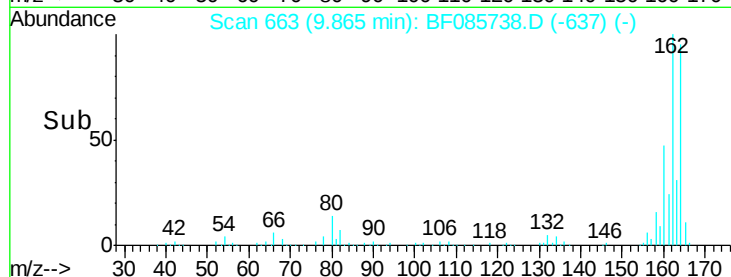
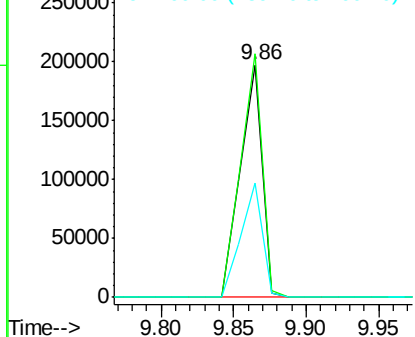
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampled :
 GW-3(18-20)

Tgt Ion:164 Resp: 206690
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.1 123.1
 160 49.0 37.4 56.2

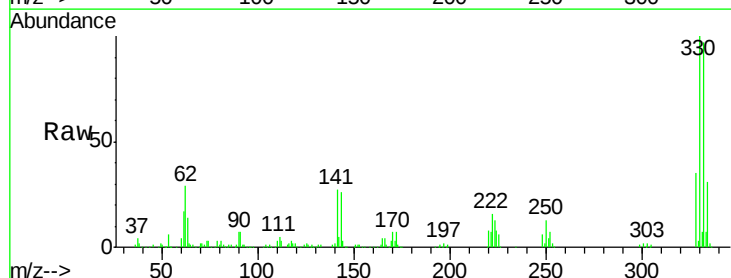


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

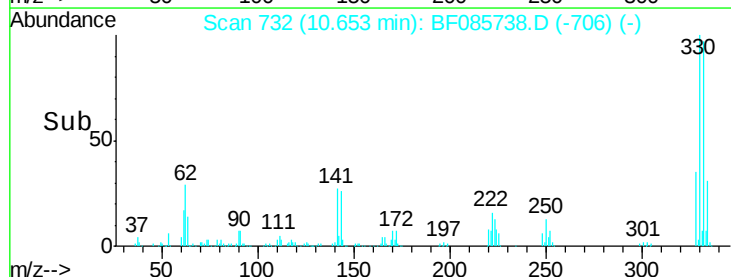
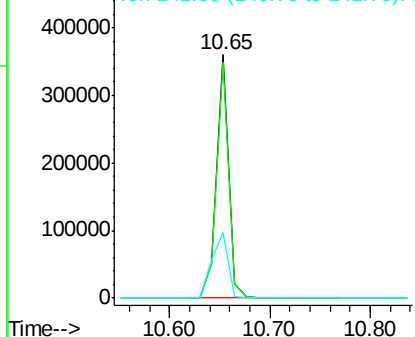


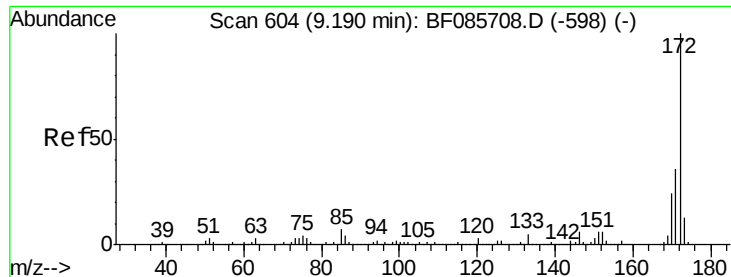
#41
 2,4,6-Tribromophenol
 Concen: 153.62 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Tgt Ion:330 Resp: 301677
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 36.4 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

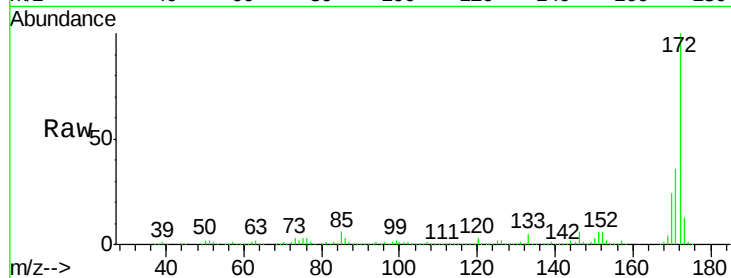




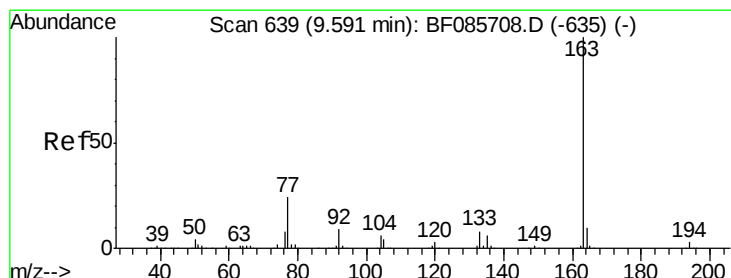
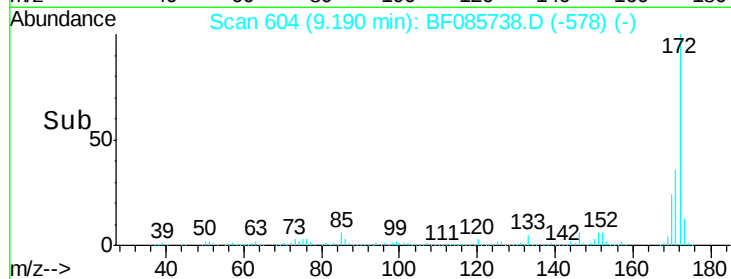
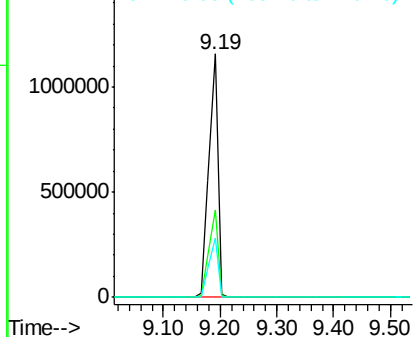
#44
 2-Fluorobiphenyl
 Concen: 97.83 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 GW-3(18-20)

Tgt Ion:172 Resp: 1210271
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.2 19.8 29.6

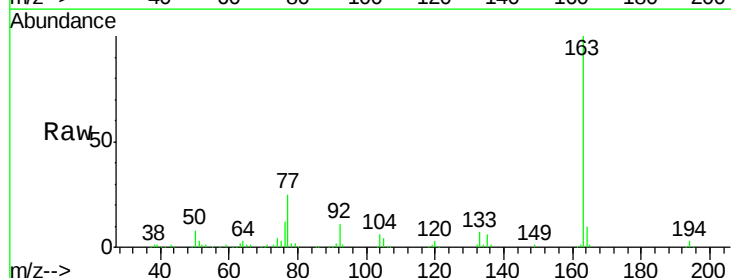


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

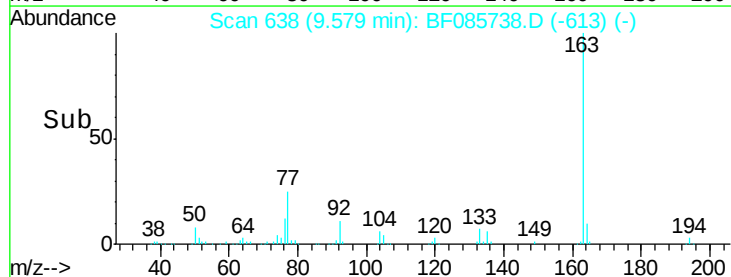
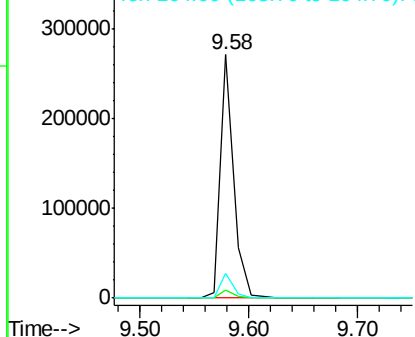


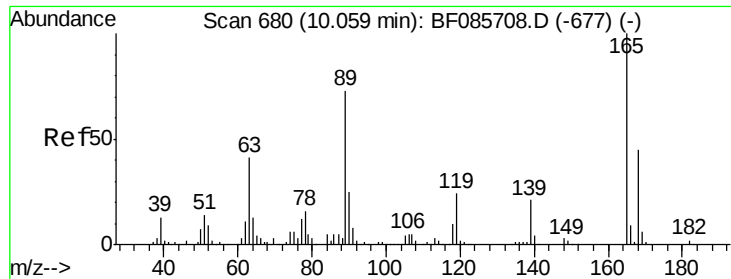
#49
 Dimethylphthalate
 Concen: 14.85 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Tgt Ion:163 Resp: 232846
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.3 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

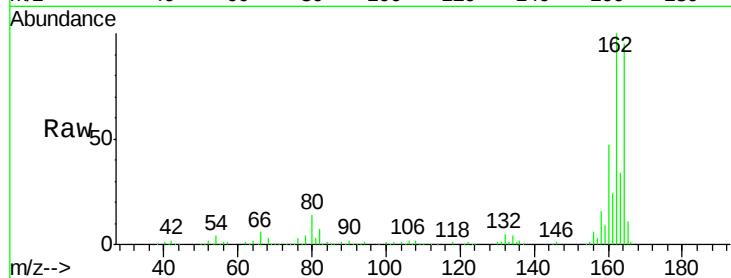




#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 GW-3(18-20)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

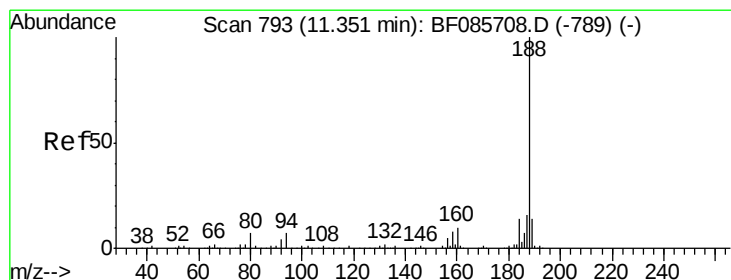
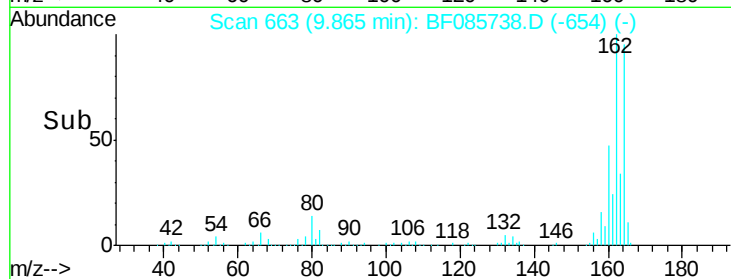
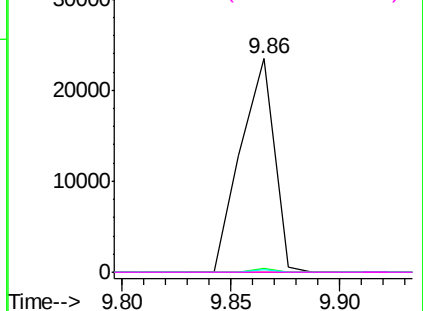


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

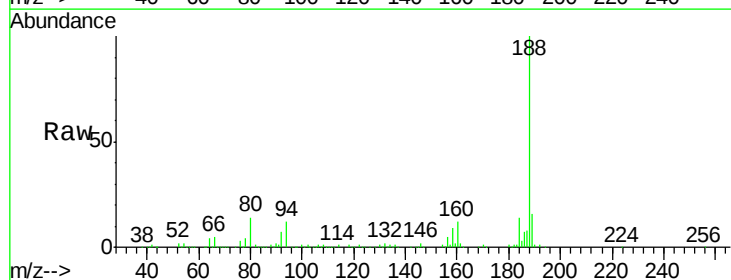
Ion 89.00 (88.70 to 89.70): BF0

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: BF085738.D
 Acq: 25 Mar 2016 3:17

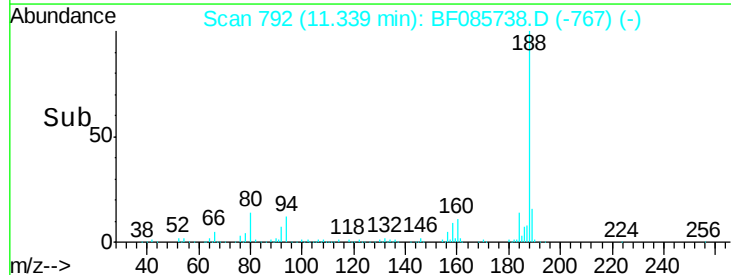
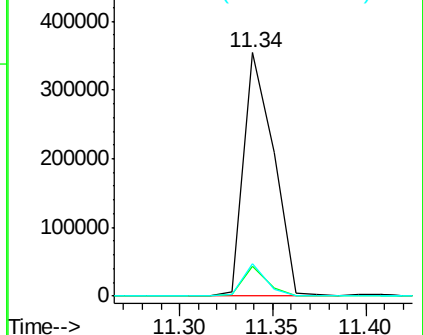
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.4	8.0#
80	13.6	5.5	8.3#

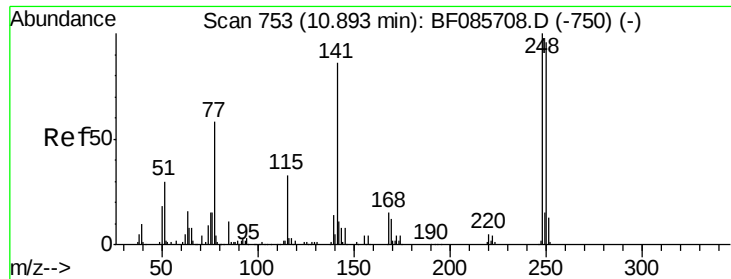


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

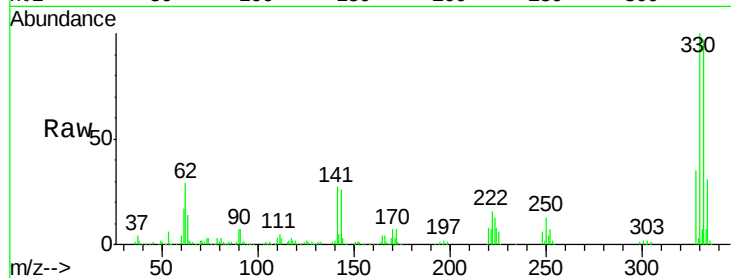




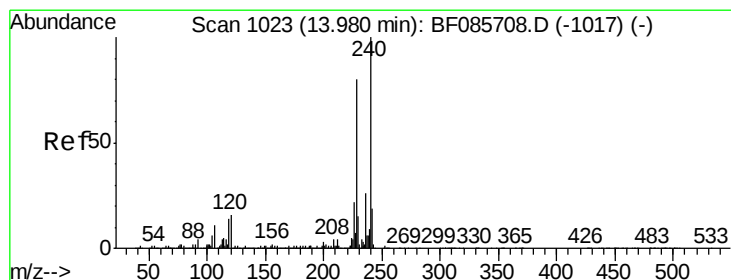
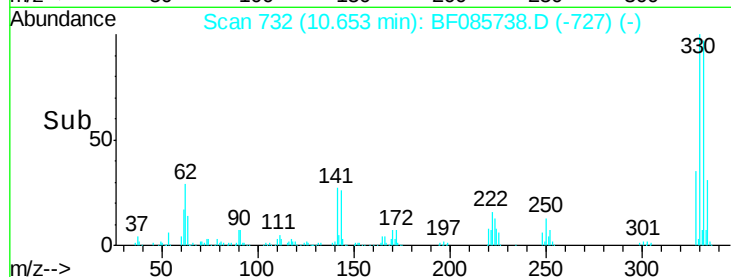
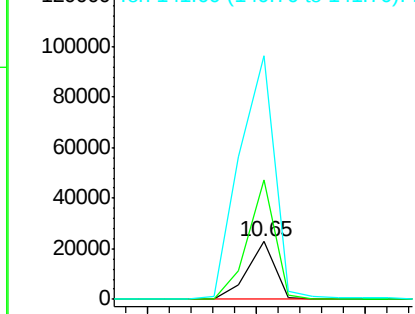
#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
GW-3(18-20)

Tgt Ion:248 Resp: 20041
Ion Ratio Lower Upper
248 100
250 208.3 77.4 116.0#
141 423.1 63.6 95.4#

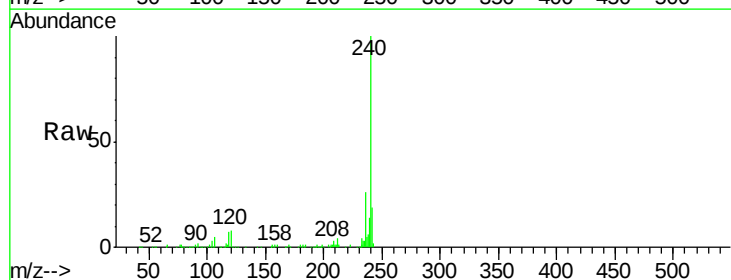


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

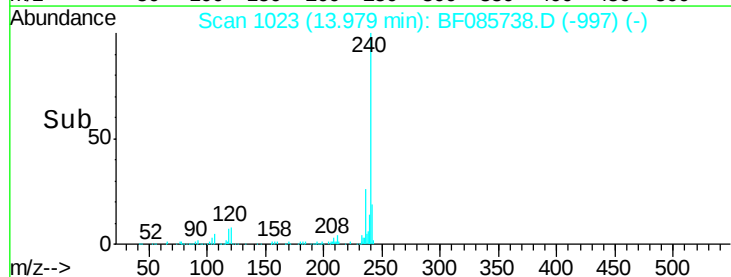
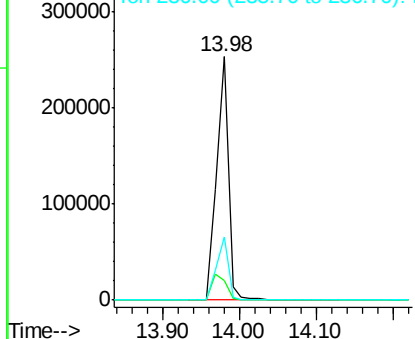


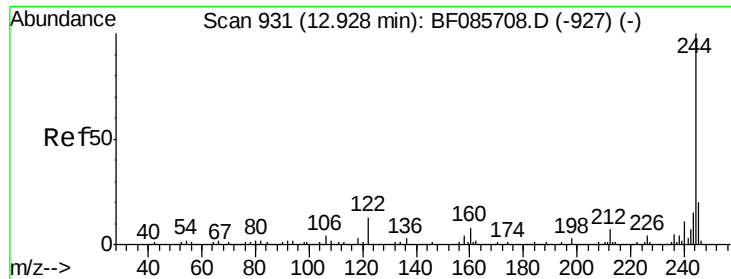
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

Tgt Ion:240 Resp: 268507
Ion Ratio Lower Upper
240 100
120 8.2 13.8 20.8#
236 25.9 20.6 30.8



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

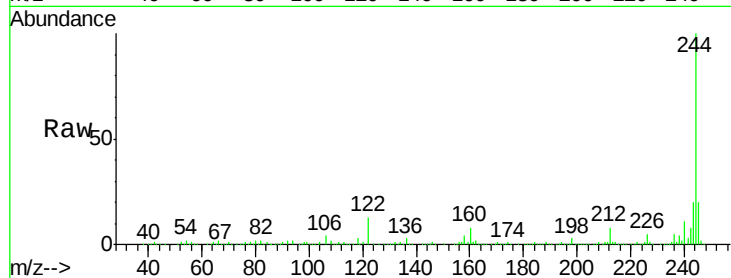




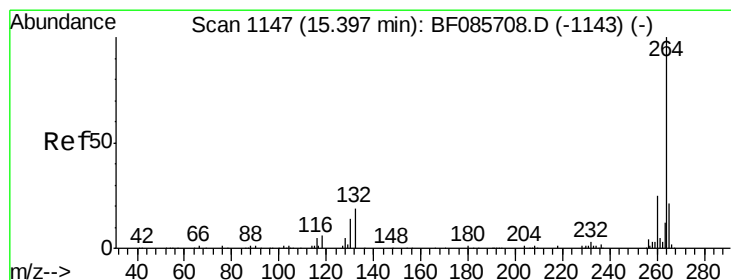
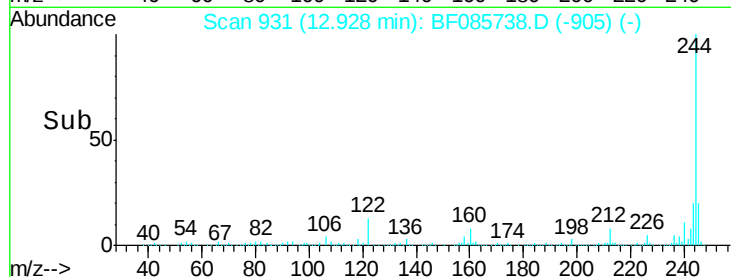
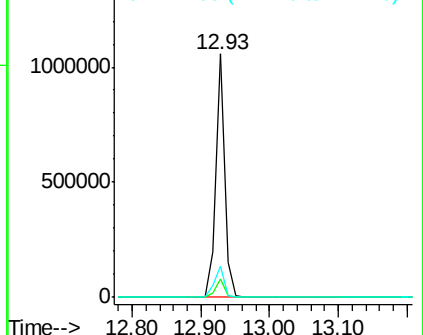
#78
 Terphenyl-d14
 Concen: 74.78 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampled :
 GW-3(18-20)

Tgt Ion:244 Resp: 976329
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.6 10.2 15.4

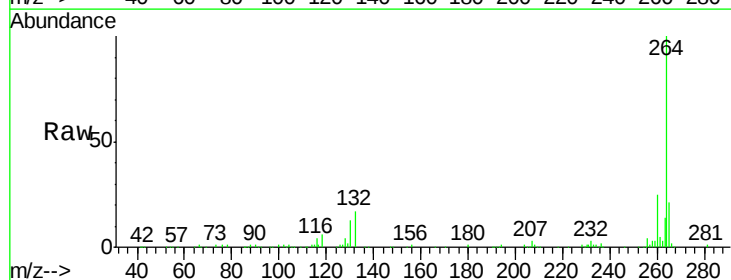


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Tgt Ion:264 Resp: 191377
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.4 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

