

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085739.D
 Acq On : 25 Mar 2016 3:45
 Operator : UM/SJ
 Sample : H1884-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)

Quant Time: Mar 25 03:10:51 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	108907	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	425839	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	205823	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	388663	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	276752	20.00	ng	0.00
86) Perylene-d12	15.40	264	190411	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	945653	144.61	ng	0.02
7) Phenol-d6	6.46	99	1263929	152.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	786205	103.97	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	314205	160.67	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1255441	101.91	ng	0.00
78) Terphenyl-d14	12.93	244	975933	72.52	ng	0.00

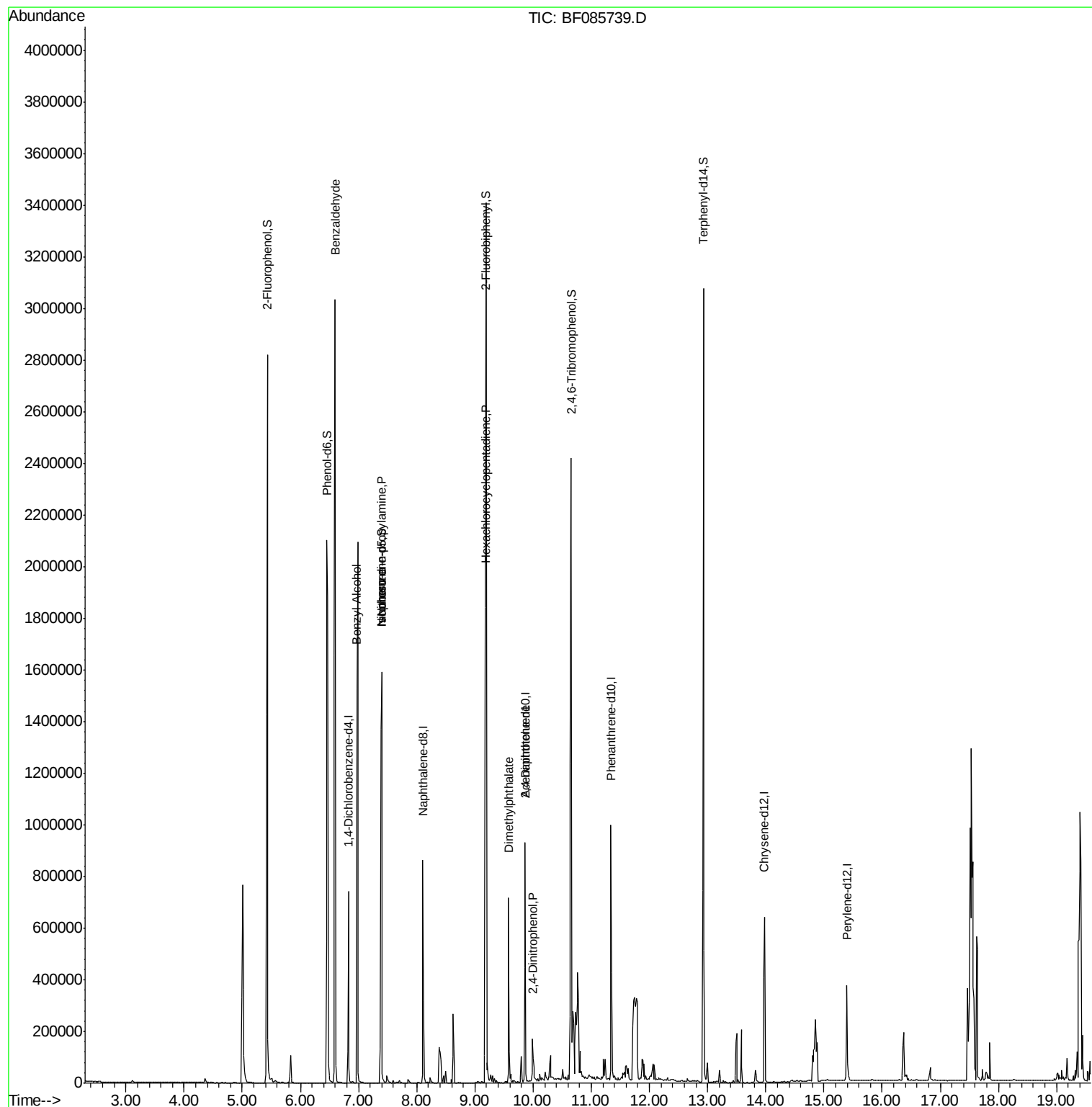
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	22373	4.47	ng	88
15) Benzyl Alcohol	6.97	79	11542	2.08	ng	# 51
19) n-Nitroso-di-n-propylamine	7.40	70	99815	20.05	ng	# 74
25) Isophorone	7.40	82	748539	51.39	ng	# 68
37) 2-Methylnaphthalene	8.93	142	216	Below Cal		# 71
40) Hexachlorocyclopentadiene	9.18	237	537	9.38	ng	# 26
49) Dimethylphthalate	9.58	163	260526	16.68	ng	100
53) 2,4-Dinitrophenol	9.99	184	274	6.19	ng	# 32
56) 2,4-Dinitrotoluene	9.86	165	26553	6.22	ng	# 37

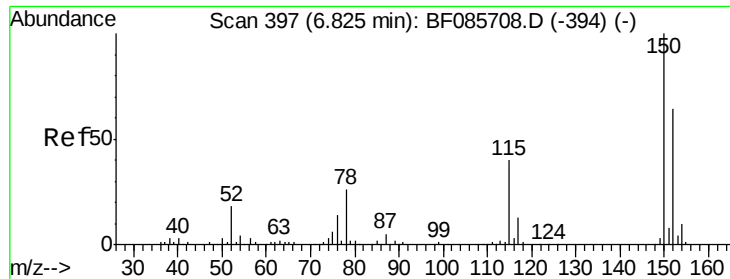
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085739.D

Acq: 25 Mar 2016 3:45

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

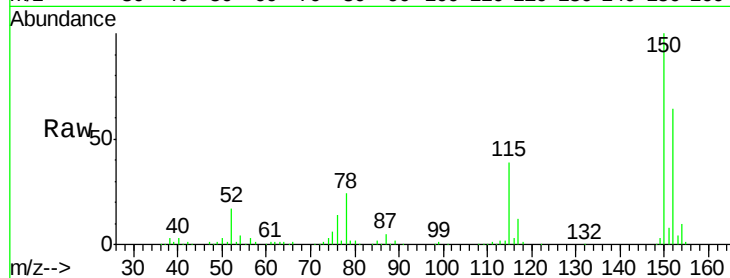
Tgt Ion:152 Resp: 108907

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

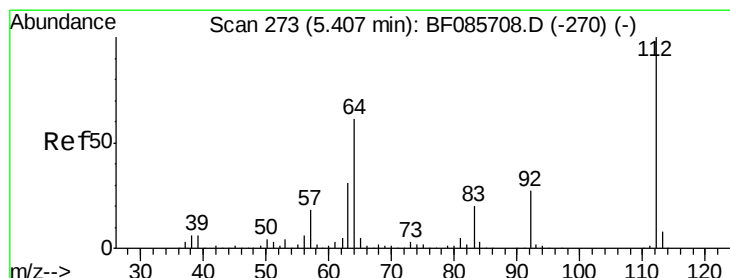
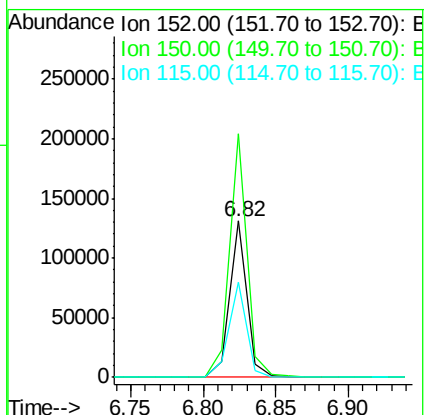
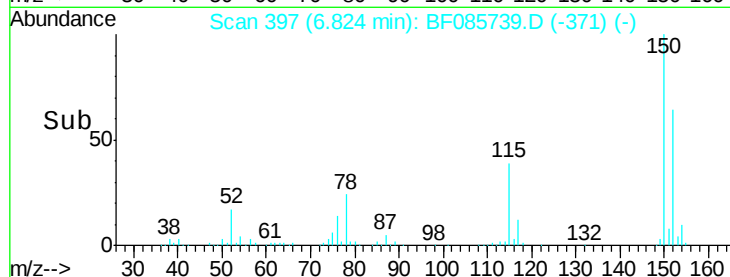
115 61.3 47.0 70.6



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: 144.61 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085739.D

Acq: 25 Mar 2016 3:45

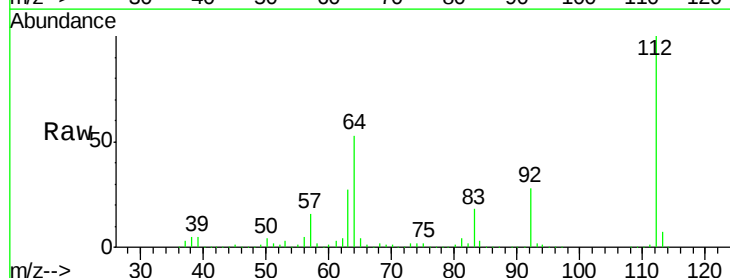
Tgt Ion:112 Resp: 945653

Ion Ratio Lower Upper

112 100

64 53.1 39.9 59.9

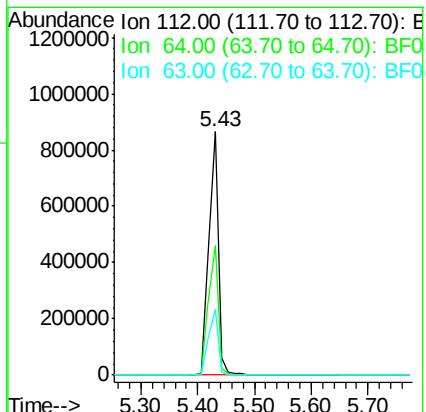
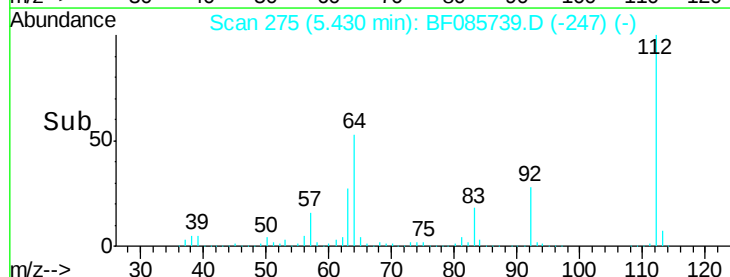
63 27.1 20.2 30.2



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: 152.02 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085739.D

Acq: 25 Mar 2016 3:45

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

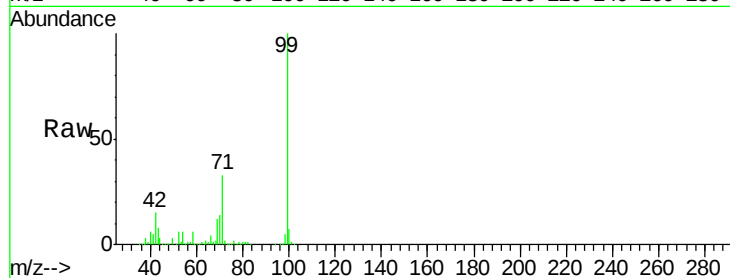
Tgt Ion: 99 Resp: 1263929

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

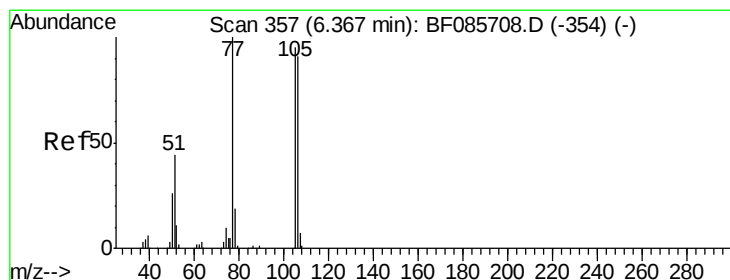
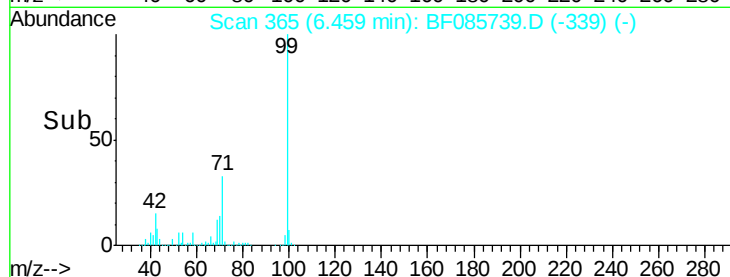
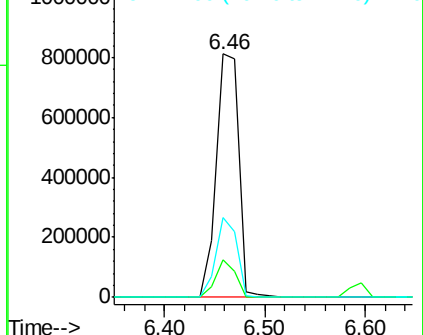
71 32.9 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.47 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085739.D

Acq: 25 Mar 2016 3:45

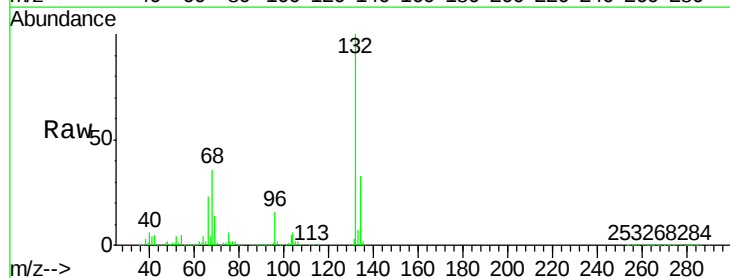
Tgt Ion: 77 Resp: 22373

Ion Ratio Lower Upper

77 100

105 89.8 80.1 120.1

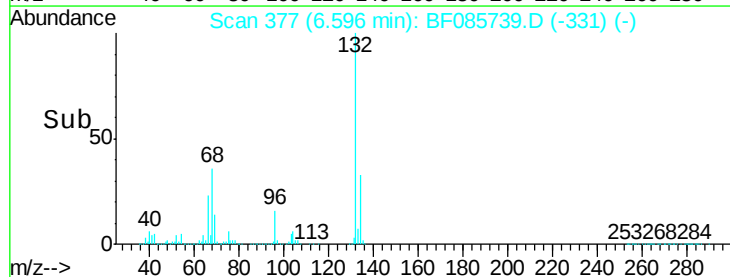
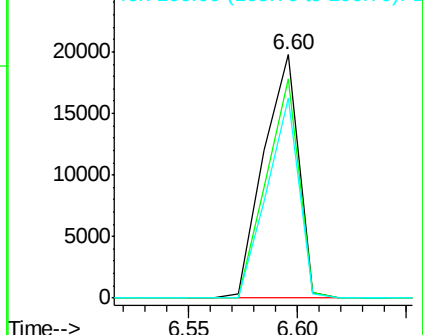
106 82.2 75.0 115.0

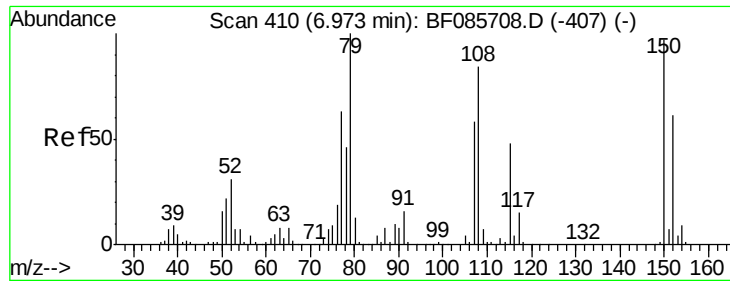


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085739.D

Acq: 25 Mar 2016 3:45

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

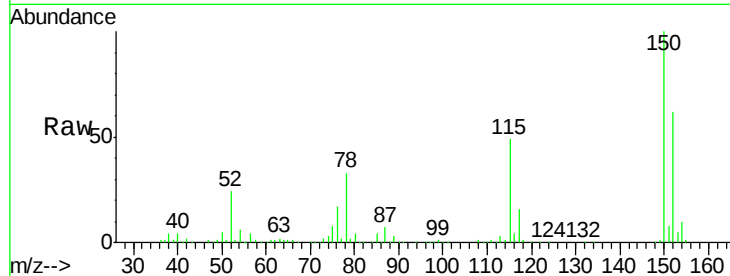
Tgt Ion: 79 Resp: 11542

Ion Ratio Lower Upper

79 100

108 29.7 61.8 92.6#

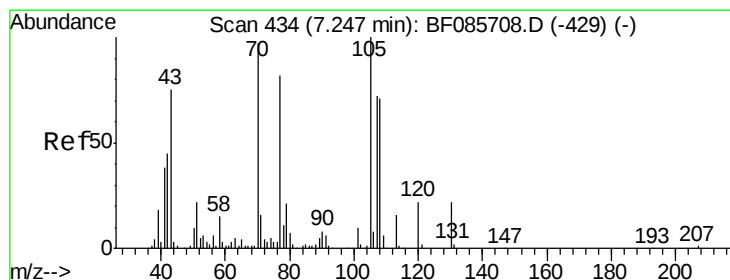
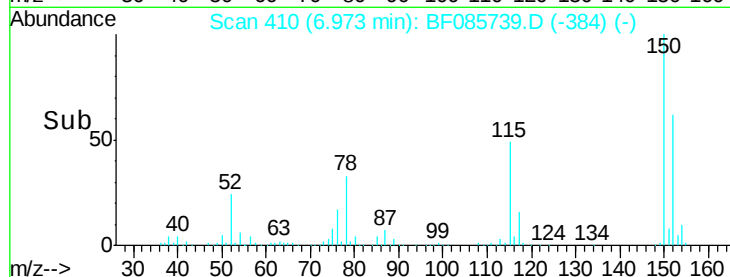
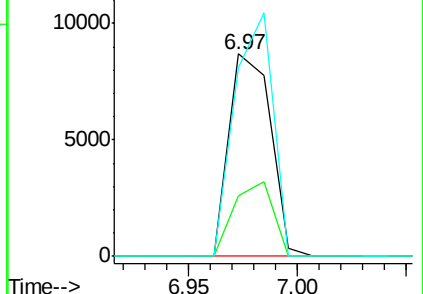
77 93.5 49.6 74.4#



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: 20.05 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.15 min

Lab File: BF085739.D

Acq: 25 Mar 2016 3:45

Tgt Ion: 70 Resp: 99815

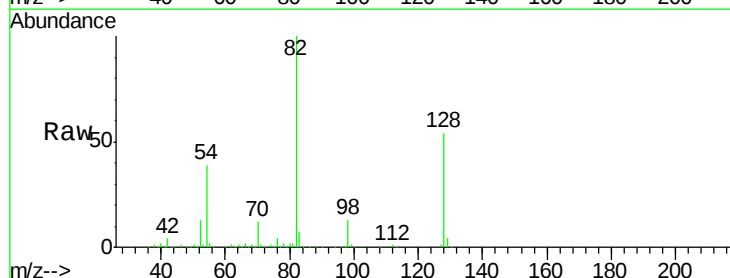
Ion Ratio Lower Upper

70 100

42 36.1 37.1 55.7#

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

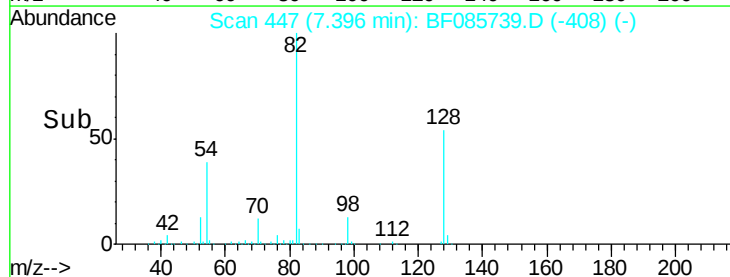
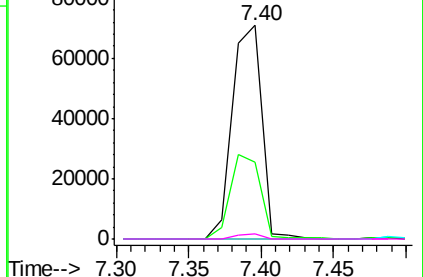


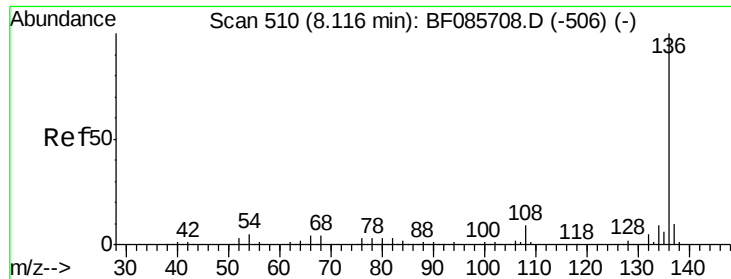
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

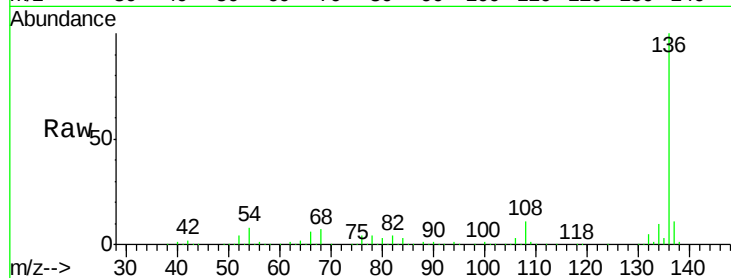




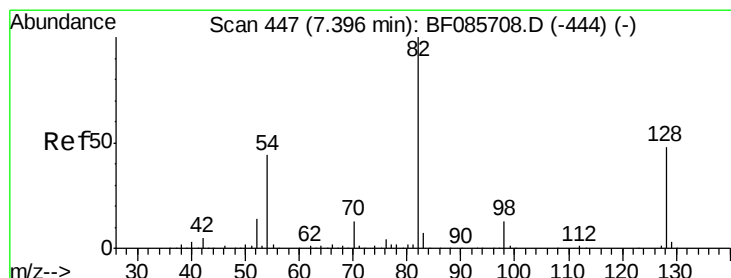
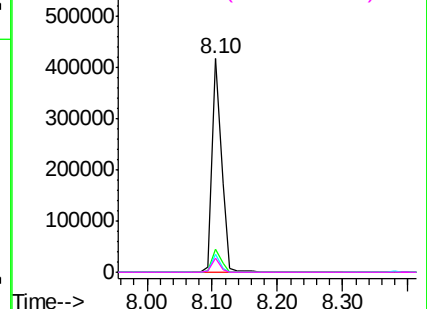
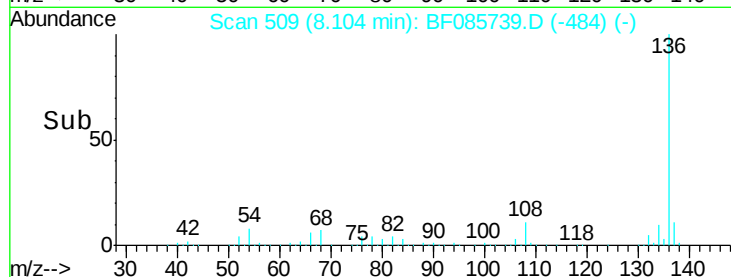
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)

Tgt Ion:	136	Resp:	425839
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.2	7.4	11.0
68	6.5	5.8	8.8

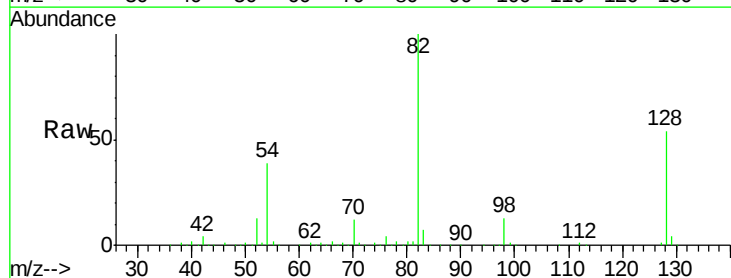


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

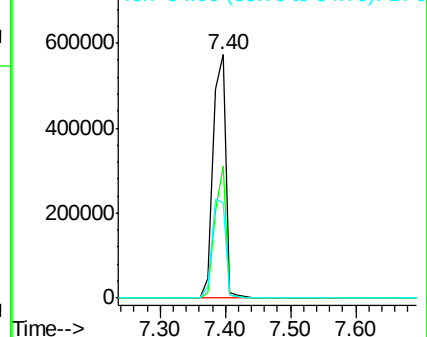
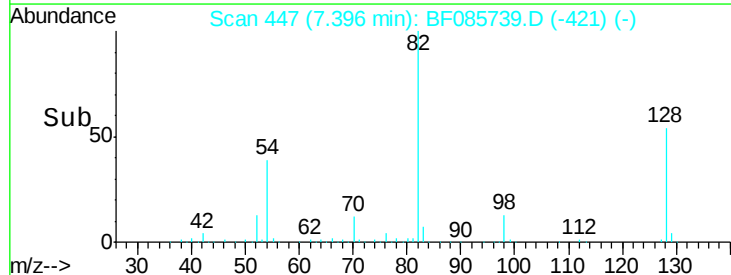


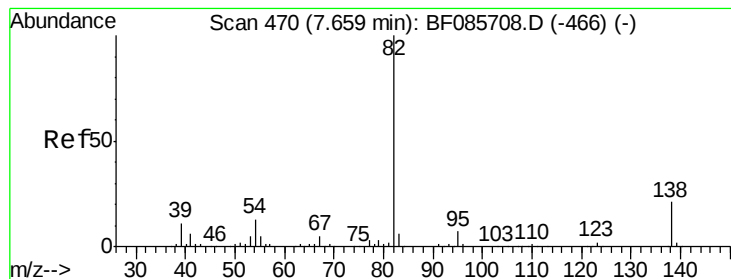
#23
Nitrobenzene-d5
Concen: 103.97 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

Tgt Ion:	82	Resp:	786205
Ion	Ratio	Lower	Upper
82	100		
128	54.1	41.8	62.8
54	39.3	33.4	50.0



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





#25

Isophorone

Concen: 51.39 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF085739.D

Acq: 25 Mar 2016 3:45

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

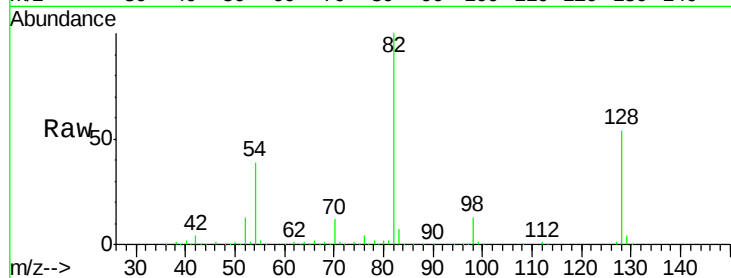
Tgt Ion: 82 Resp: 748539

Ion Ratio Lower Upper

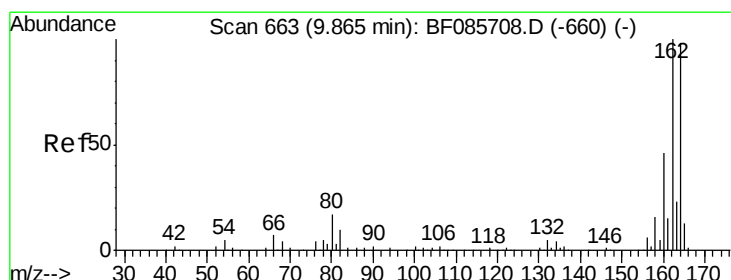
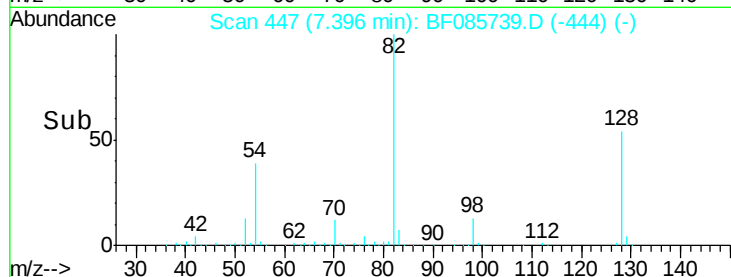
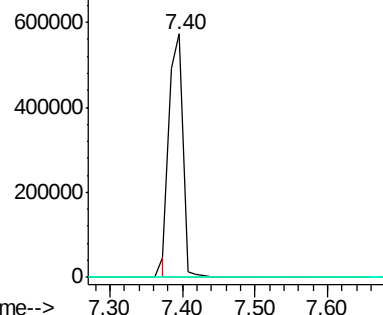
82 100

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: BF085739.D

Acq: 25 Mar 2016 3:45

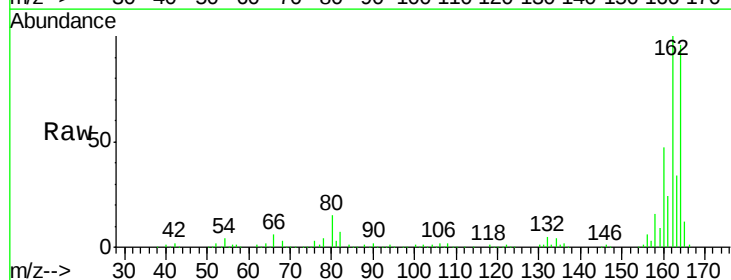
Tgt Ion: 164 Resp: 205823

Ion Ratio Lower Upper

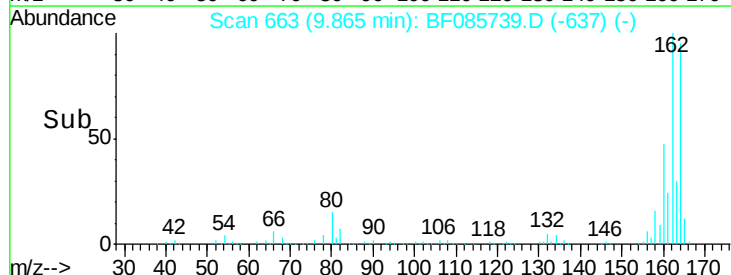
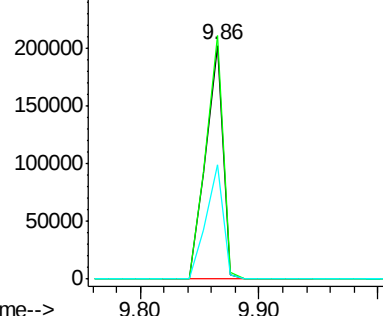
164 100

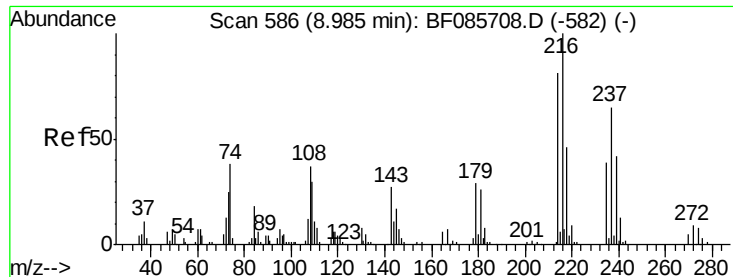
162 104.3 82.1 123.1

160 49.1 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

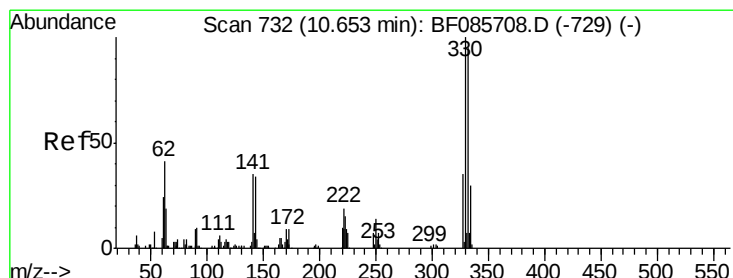
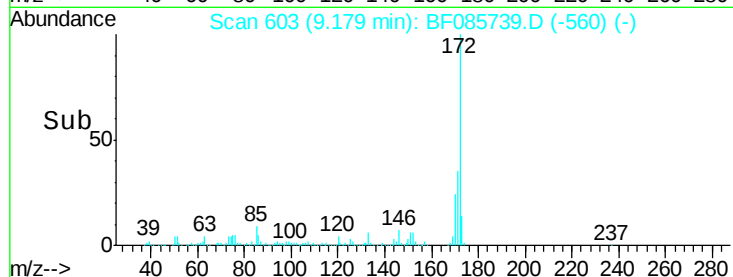
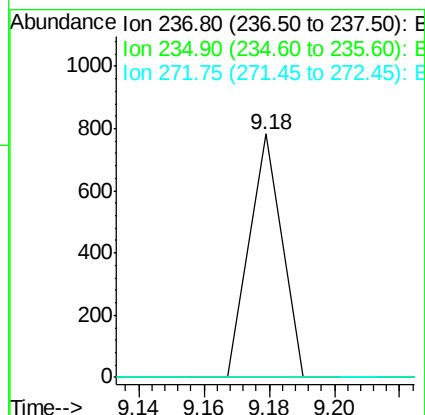
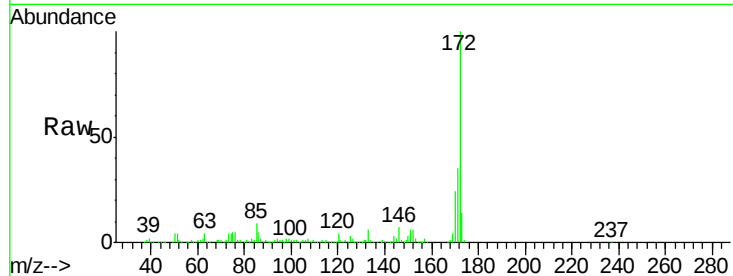




#40
Hexachlorocyclopentadiene
Concen: 9.38 ng
RT: 9.18 min Scan# 603
Delta R.T. 0.19 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

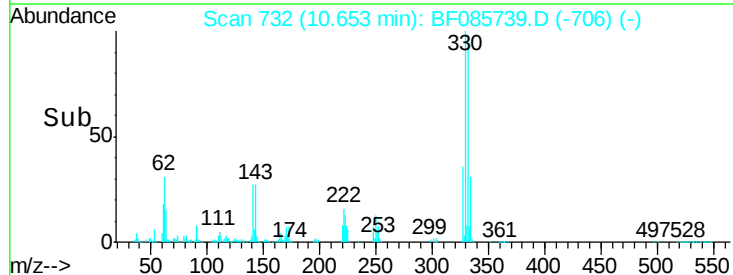
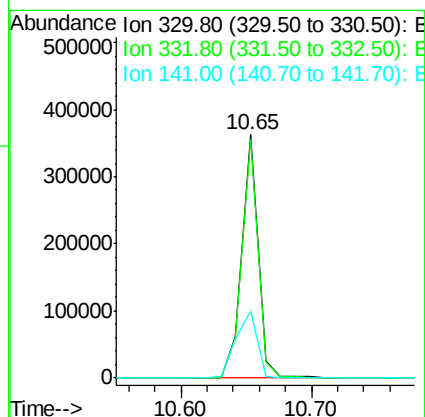
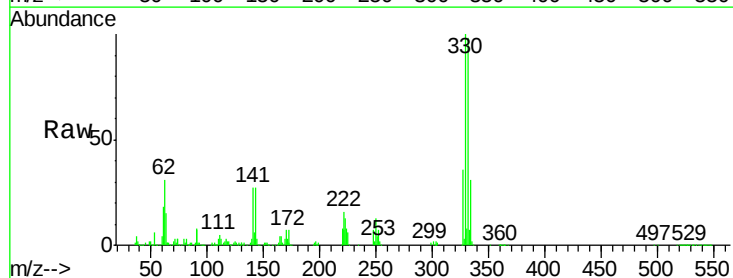
Instrument :
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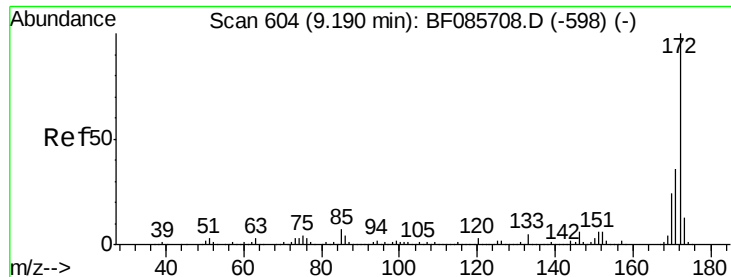
Tgt Ion: 237 Resp: 537
Ion Ratio Lower Upper
237 100
235 0.0 43.7 83.7#
272 0.0 0.0 31.9



#41
2,4,6-Tribromophenol
Concen: 160.67 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

Tgt Ion: 330 Resp: 314205
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 36.5 31.5 47.3

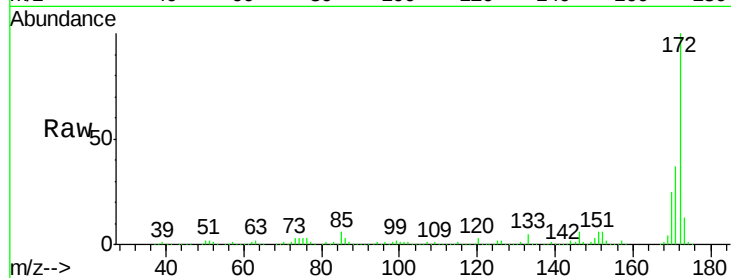




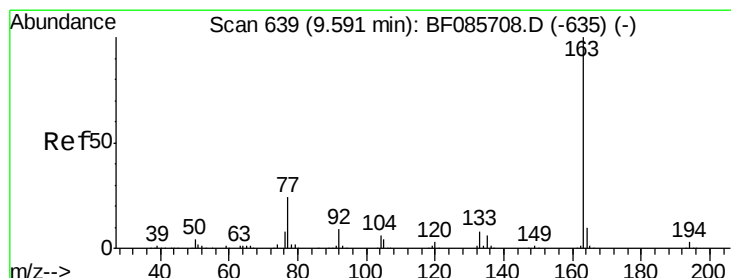
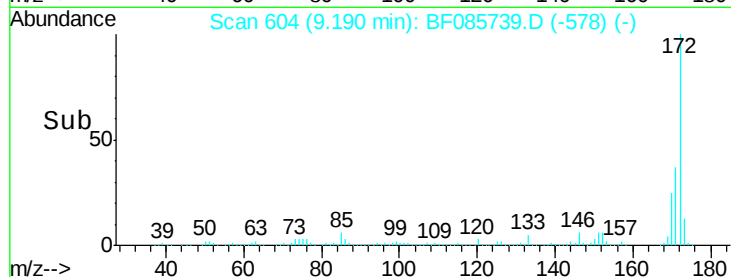
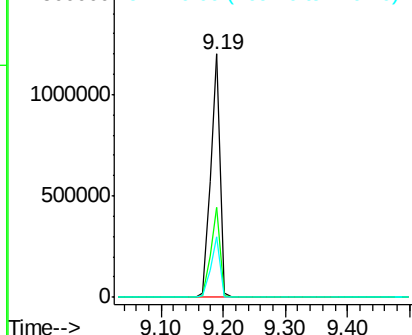
#44
 2-Fluorobiphenyl
 Concen: 101.91 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085739.D
 Acq: 25 Mar 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)

Tgt Ion:172 Resp: 1255441
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.7 19.8 29.6

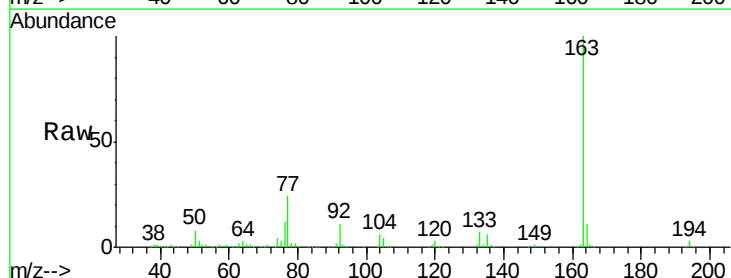


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

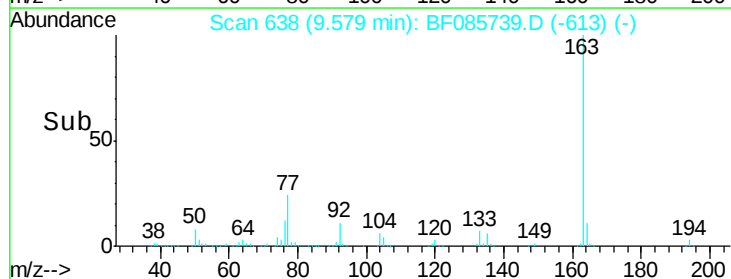
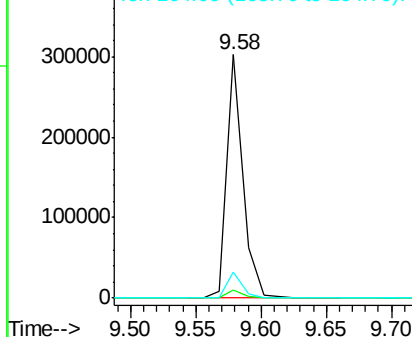


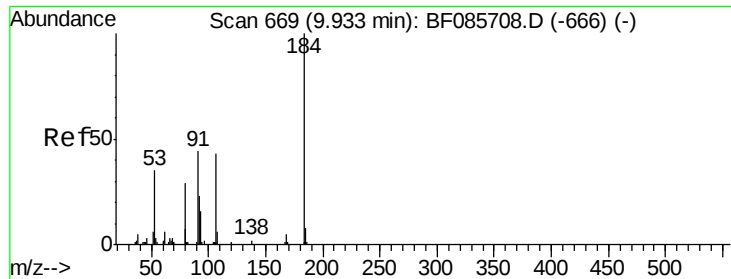
#49
 Dimethylphthalate
 Concen: 16.68 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085739.D
 Acq: 25 Mar 2016 3:45

Tgt Ion:163 Resp: 260526
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.9 4.3
 164 10.5 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

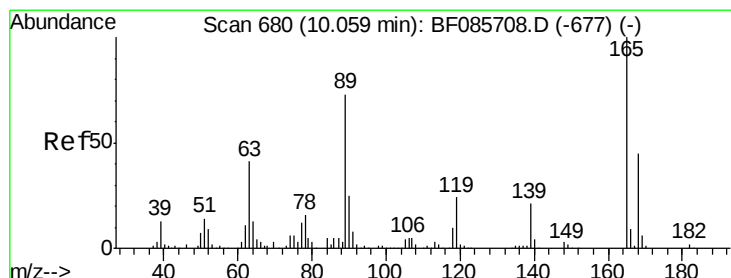
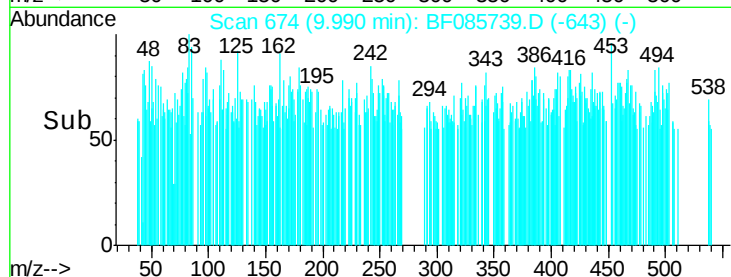
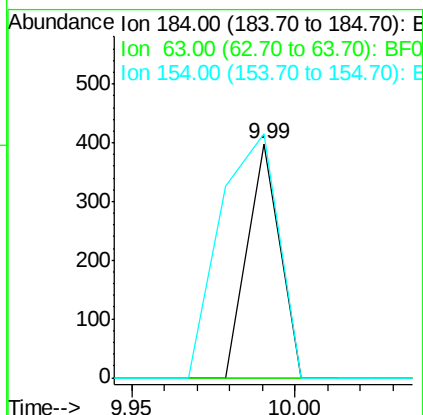
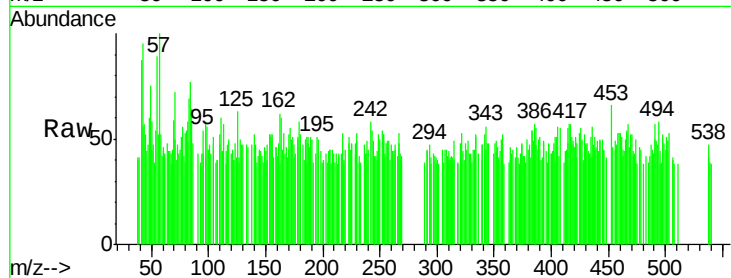




#53
2,4-Dinitrophenol
Concen: 6.19 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.06 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

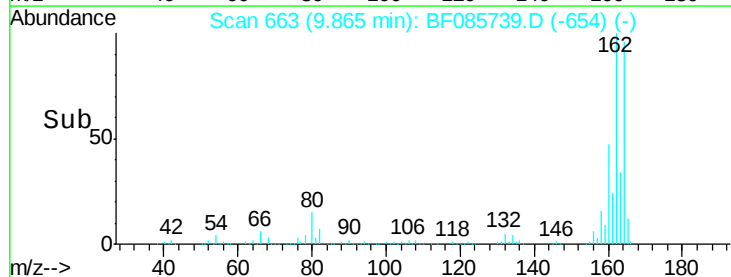
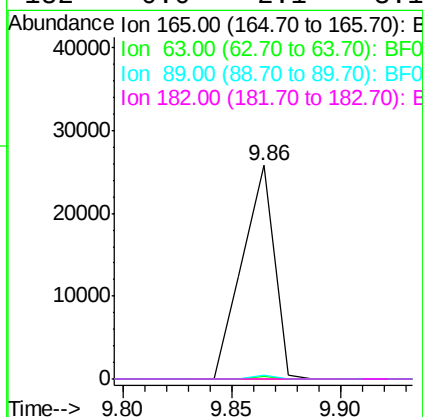
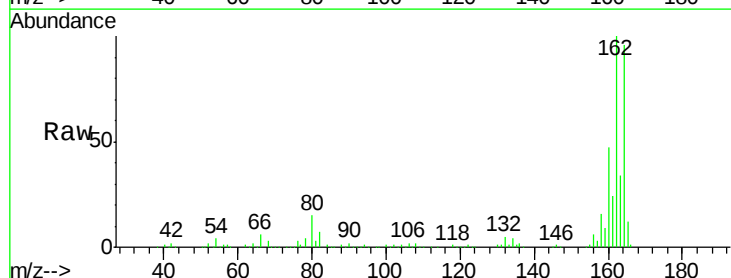
Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)

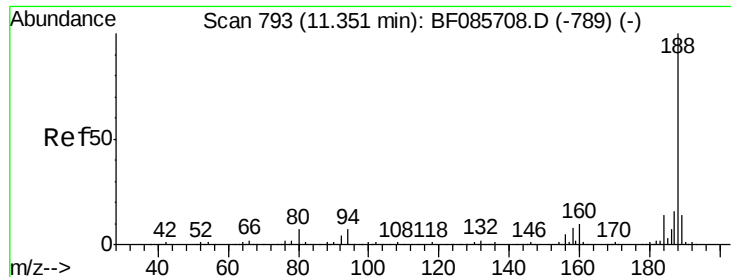
Tgt Ion:184 Resp: 274
Ion Ratio Lower Upper
184 100
63 0.0 69.5 104.3#
154 104.0 58.3 87.5#



#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

Tgt Ion:165 Resp: 26553
Ion Ratio Lower Upper
165 100
63 1.4 24.9 37.3#
89 2.0 41.0 61.6#
182 0.0 2.1 3.1#

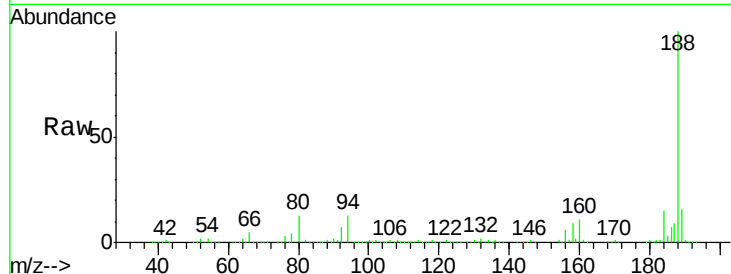




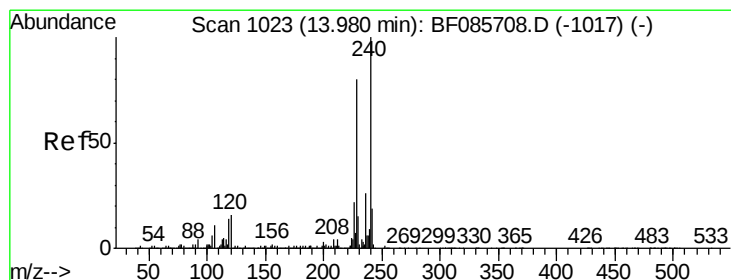
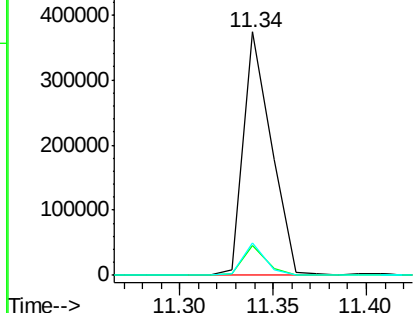
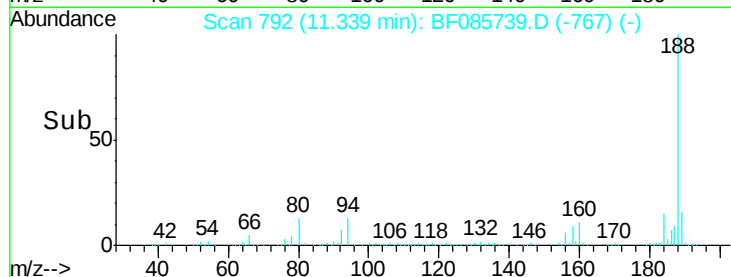
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

Instrument :
BNA_F
ClientSampleId :
GW-01(13-15)

Tgt Ion:188 Resp: 388663
Ion Ratio Lower Upper
188 100
94 12.5 5.4 8.0#
80 13.4 5.5 8.3#

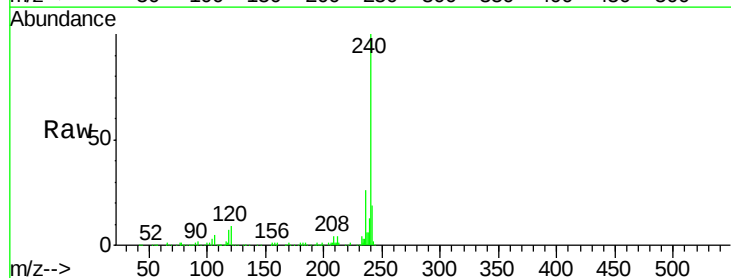


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

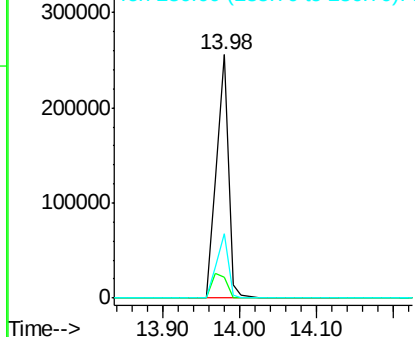
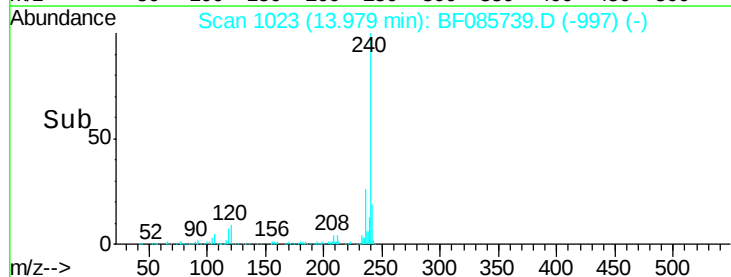


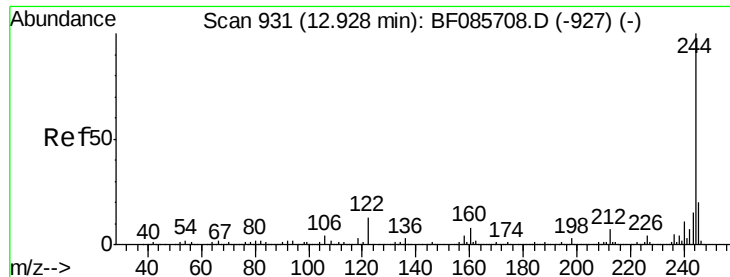
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

Tgt Ion:240 Resp: 276752
Ion Ratio Lower Upper
240 100
120 8.5 13.8 20.8#
236 26.4 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

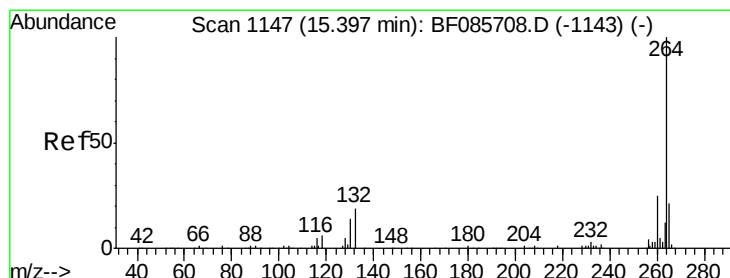
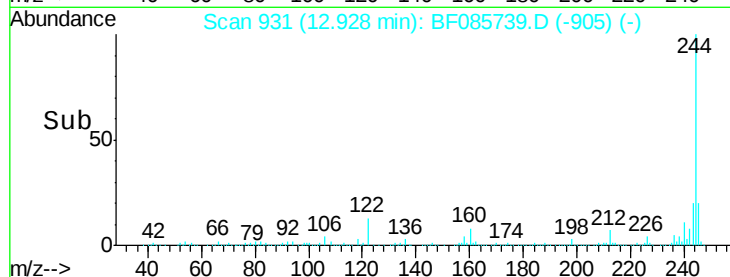
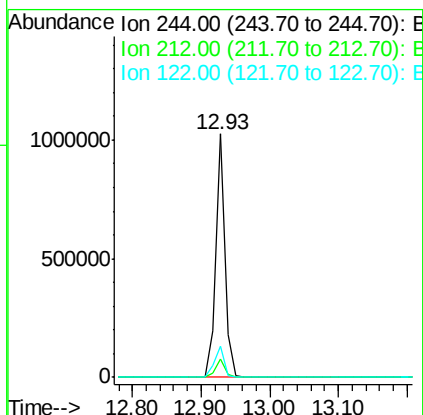
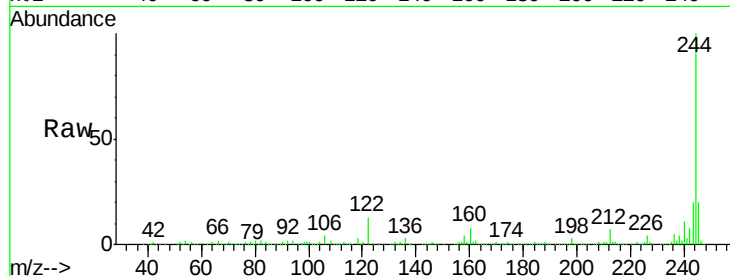




#78
 Terphenyl-d14
 Concen: 72.52 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085739.D
 Acq: 25 Mar 2016 3:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)

Tgt Ion:244 Resp: 975933
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.9 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: BF085739.D
 Acq: 25 Mar 2016 3:45

Tgt Ion:264 Resp: 190411
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.0 17.2 25.8

