

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 07:17:55 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

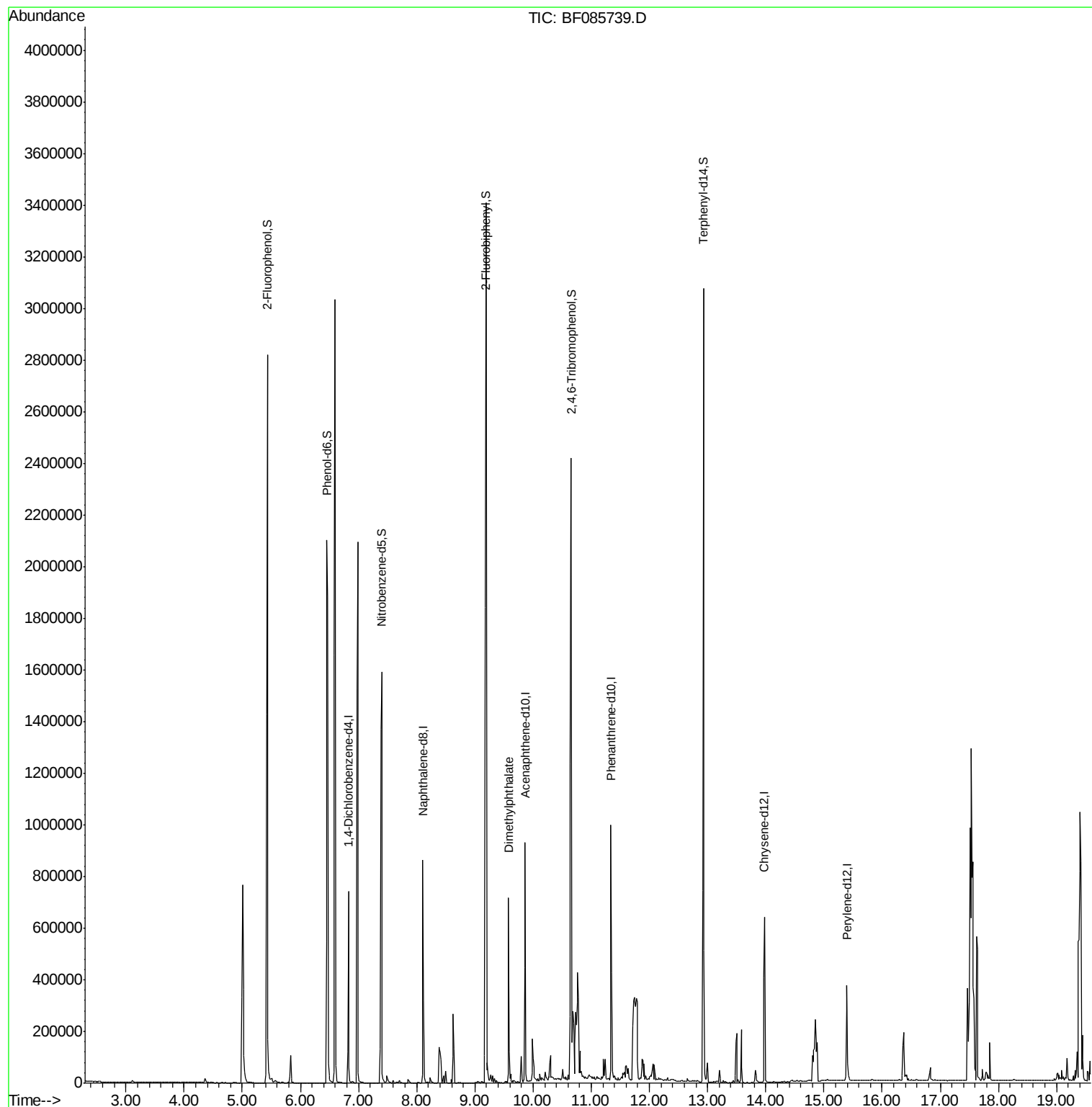
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108907	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	425839	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	205823	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	388663	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	276752	20.00	ng	0.00
86) Perylene-d12	15.40	264	190411	20.00	ng	0.00
System Monitoring Compounds						
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						
49) Dimethylphthalate	9.58	163	260526	16.68	ng	Qvalue 100

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

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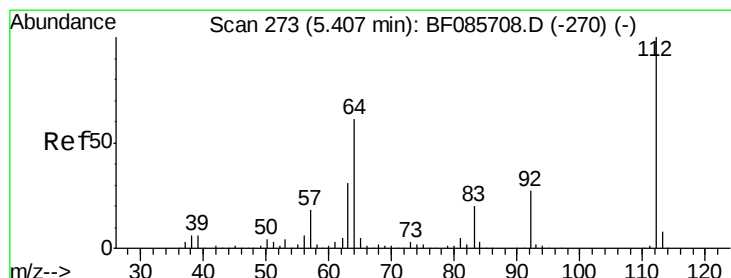
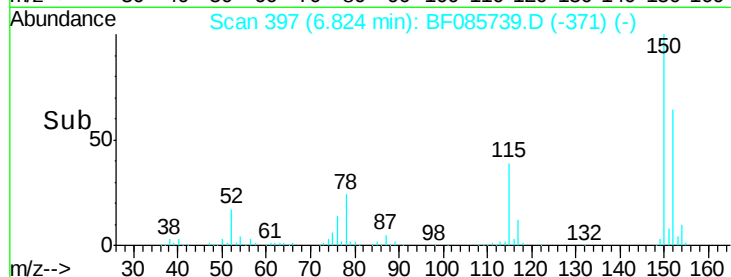
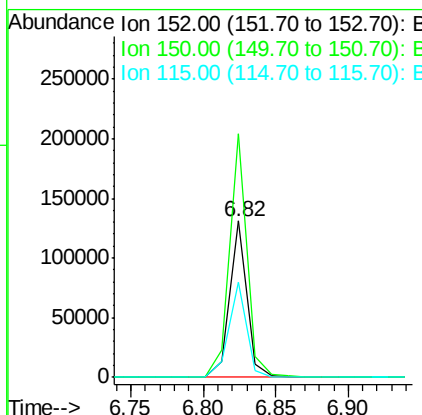
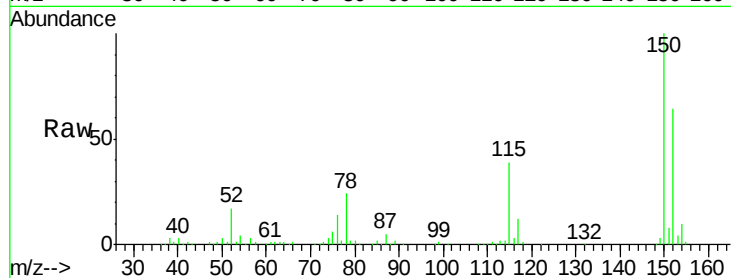




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF085739.D
 Acq: 25 Mar 2016 3:45

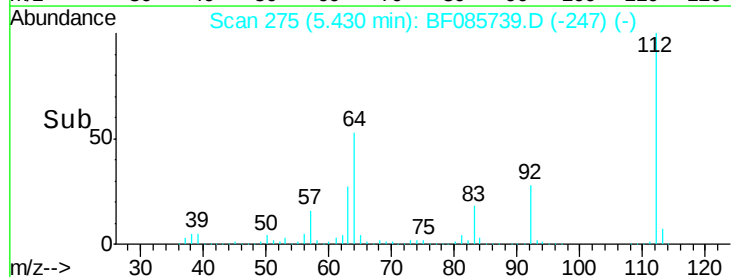
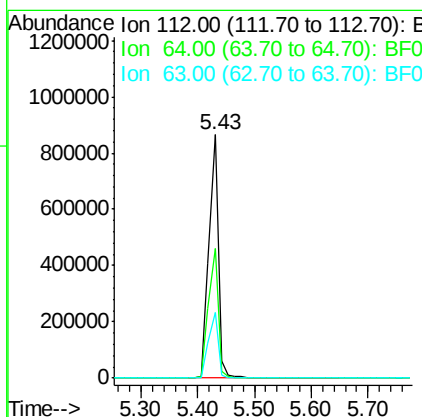
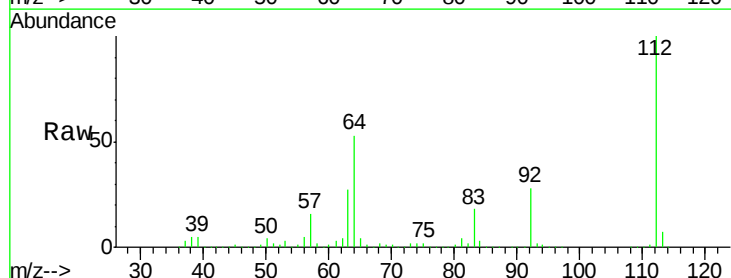
Instrument :
 BNA_F
 ClientSampleId :
 GW-01(13-15)

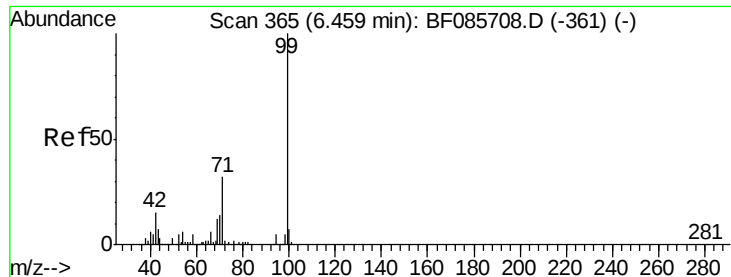
Tgt Ion:152 Resp: 108907
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 61.3 47.0 70.6



#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





#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)

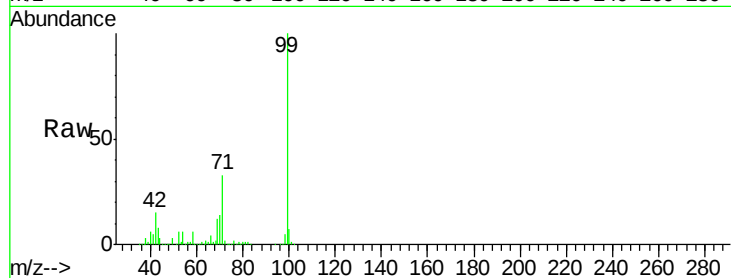
Tgt Ion: 99 Resp: 1263929

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

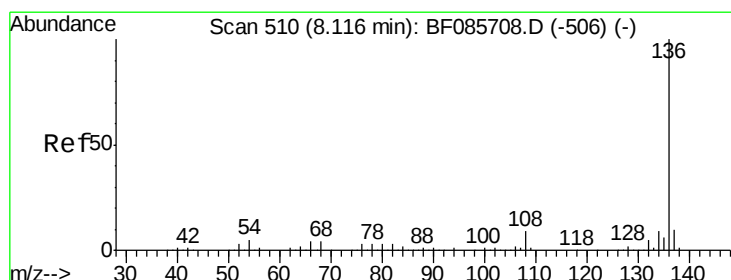
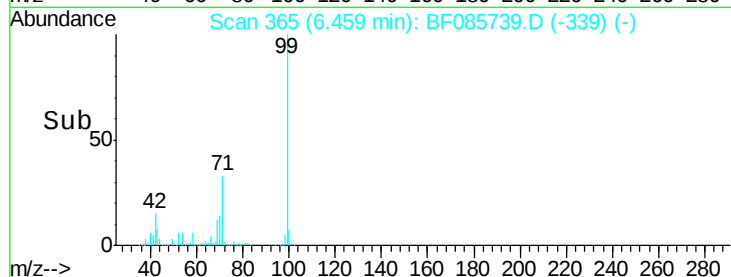
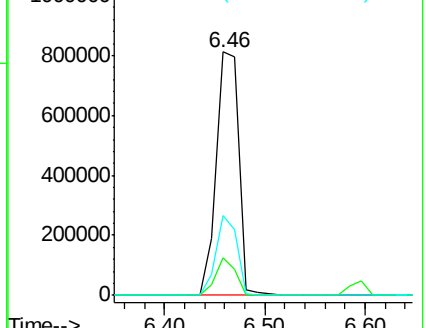
71 32.9 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 425839

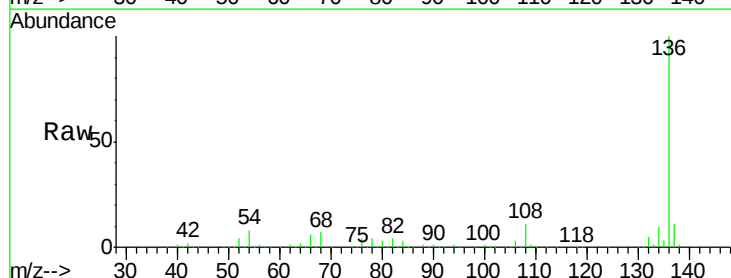
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.2 7.4 11.0

68 6.5 5.8 8.8

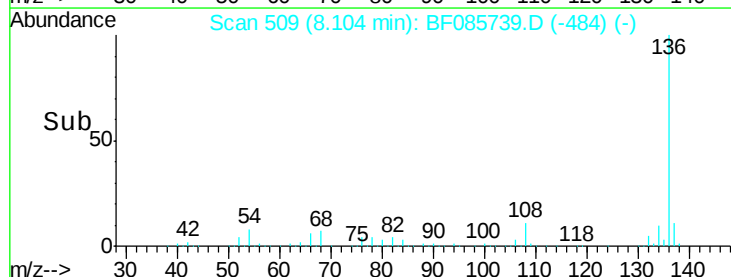
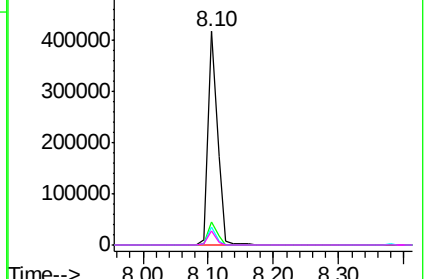


Abundance Ion 136.00 (135.70 to 136.70): E

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

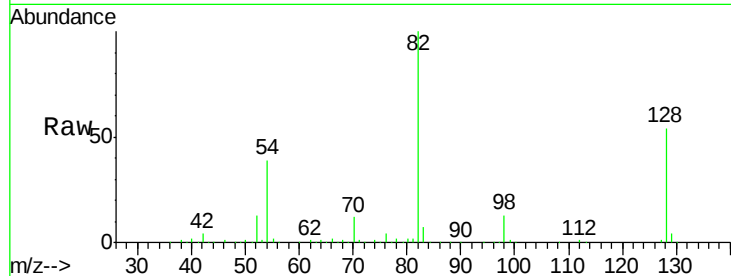




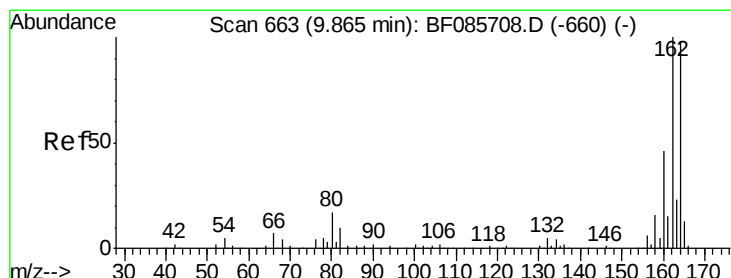
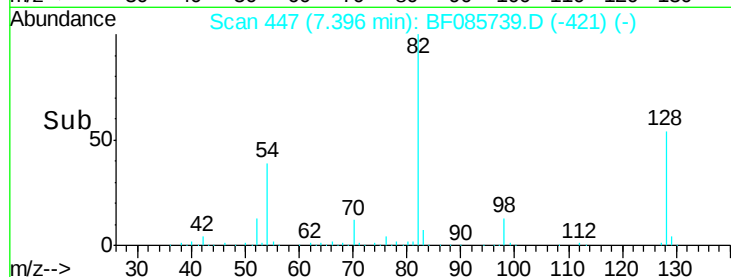
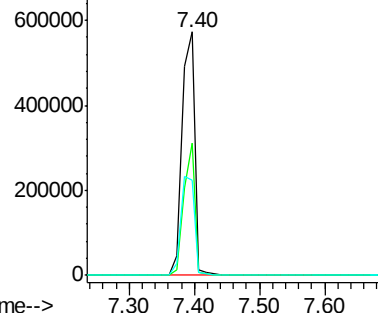
#23
 Nitrobenzene-d5
 Concen: 103.97 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085739.D
 Acq: 25 Mar 2016 3:45

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

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

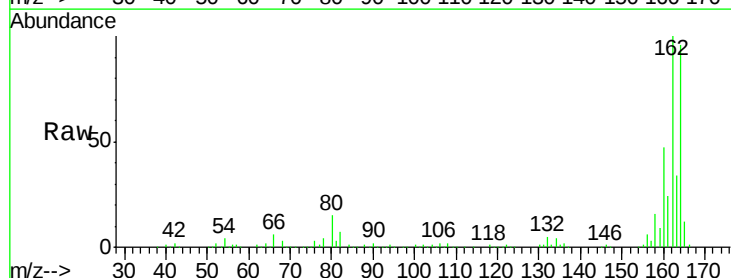


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

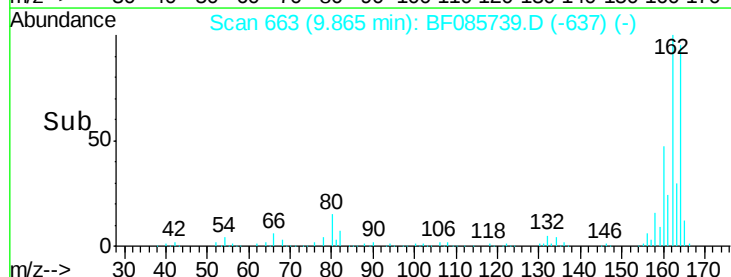
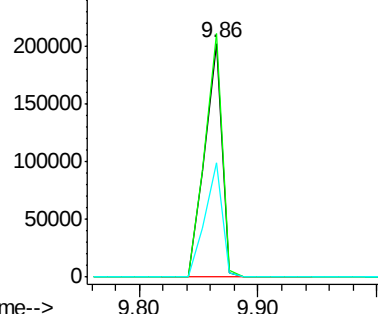


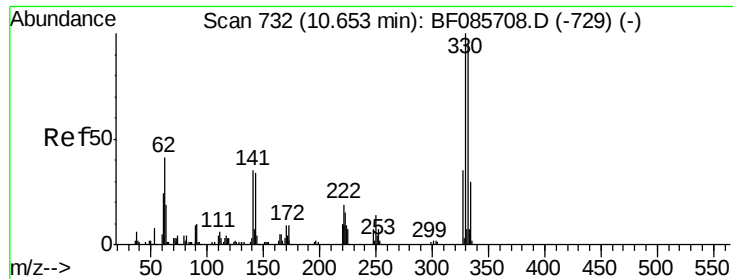
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085739.D
 Acq: 25 Mar 2016 3:45

Tgt Ion	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





#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

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

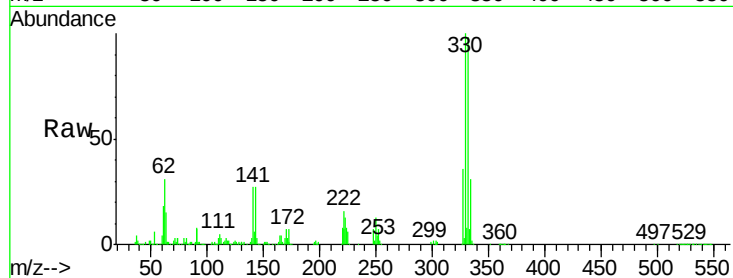
Tgt Ion:330 Resp: 314205

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

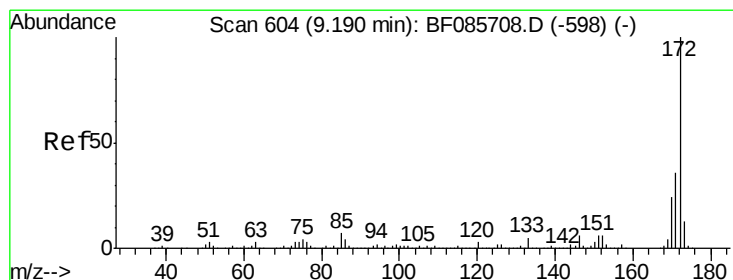
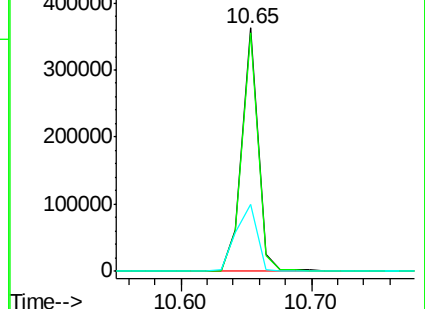
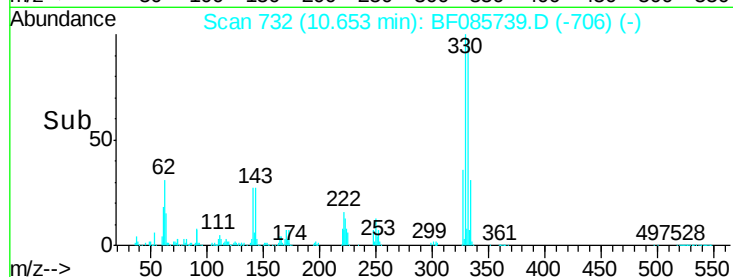
141 36.5 31.5 47.3



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: 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

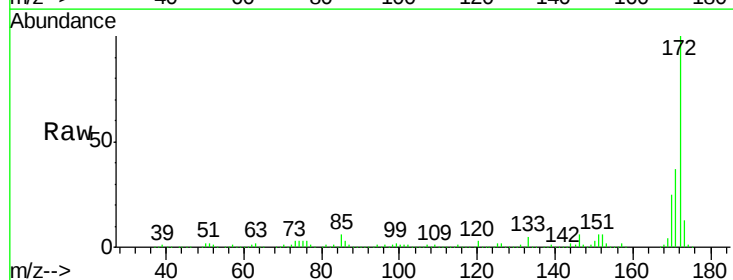
Tgt Ion:172 Resp: 1255441

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.2

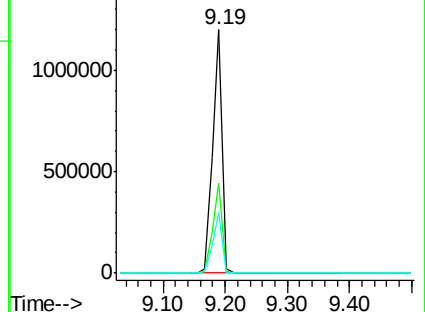
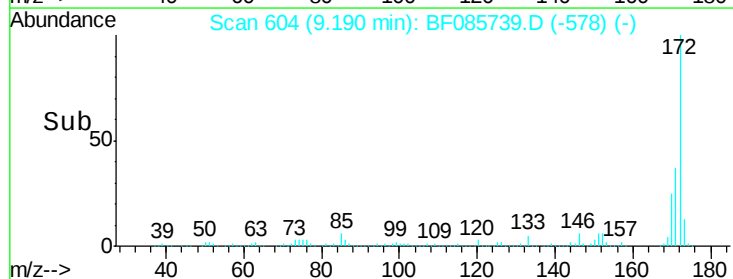
170 24.7 19.8 29.6

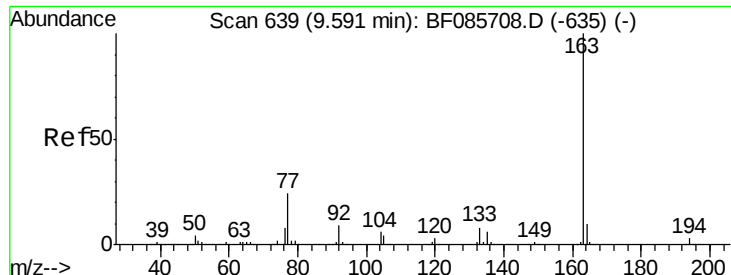


Abundance Ion 172.00 (171.70 to 172.70): E

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

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

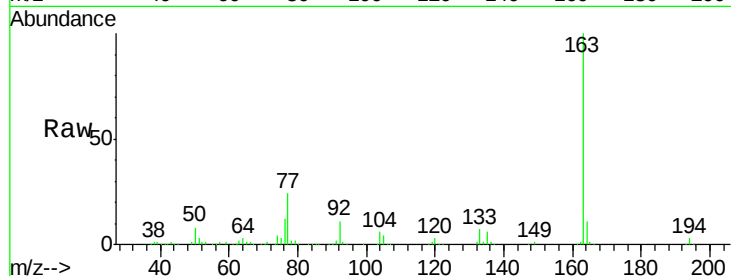
Tgt Ion:163 Resp: 260526

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

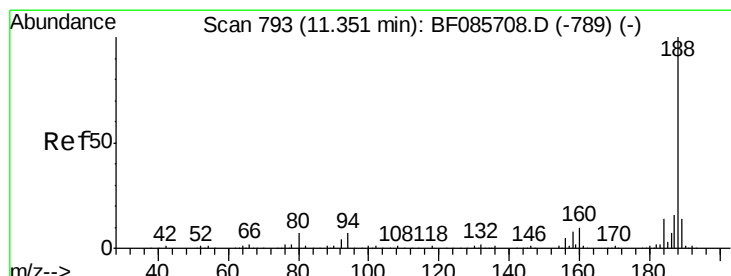
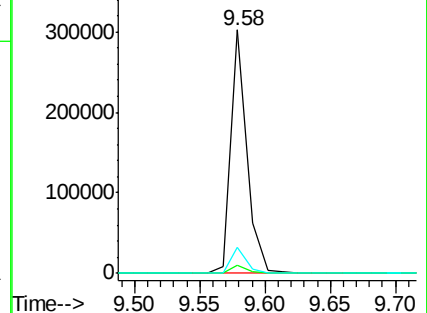
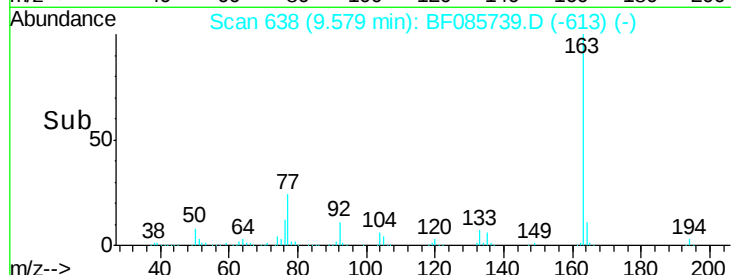
164 10.5 8.3 12.5



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



#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

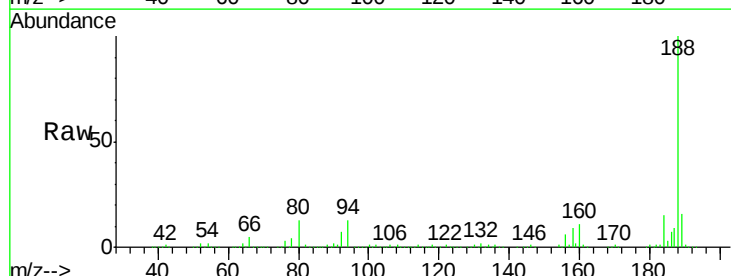
Tgt Ion:188 Resp: 388663

Ion Ratio Lower Upper

188 100

94 12.5 5.4 8.0#

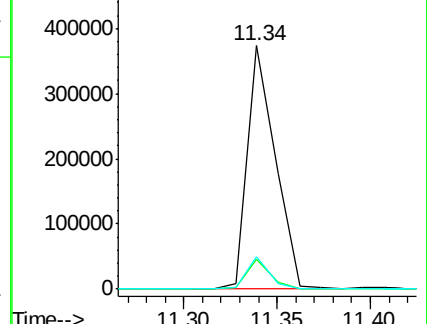
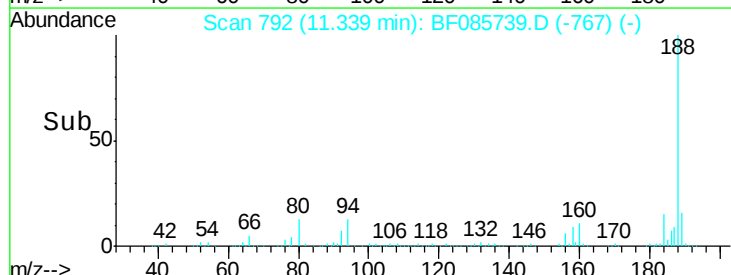
80 13.4 5.5 8.3#

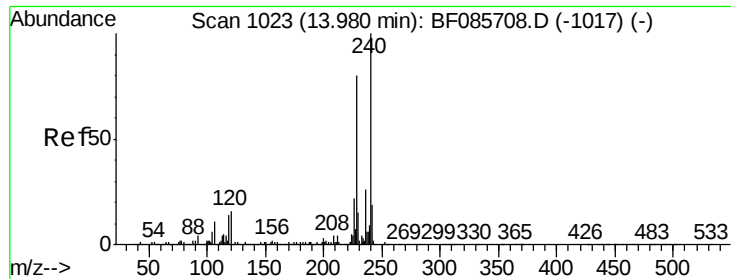


Abundance Ion 188.00 (187.70 to 188.70): E

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

Instrument :

BNA_F

ClientSampleId :

GW-01(13-15)

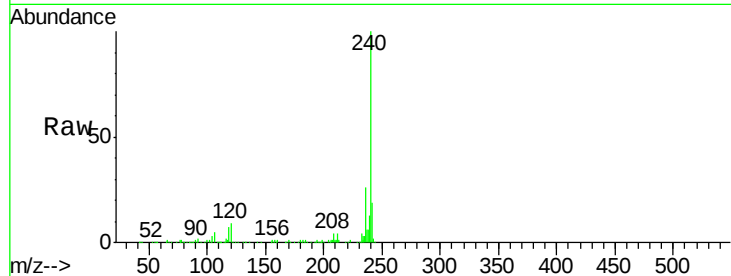
Tgt Ion:240 Resp: 276752

Ion Ratio Lower Upper

240 100

120 8.5 13.8 20.8#

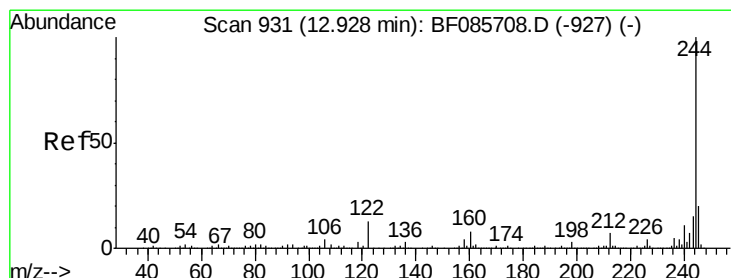
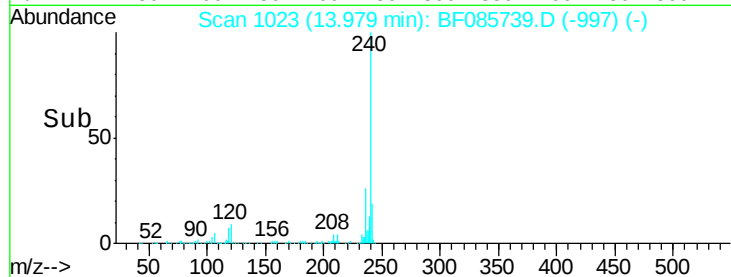
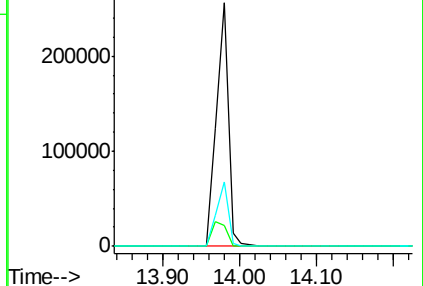
236 26.4 20.6 30.8



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

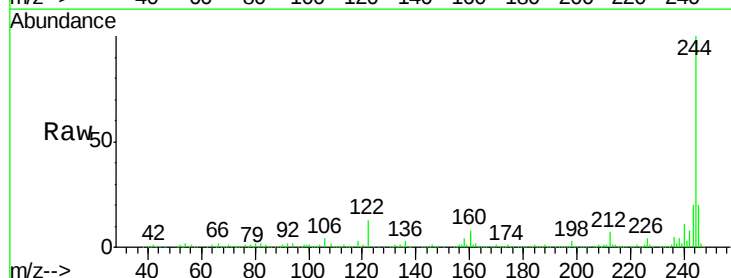
Tgt Ion:244 Resp: 975933

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

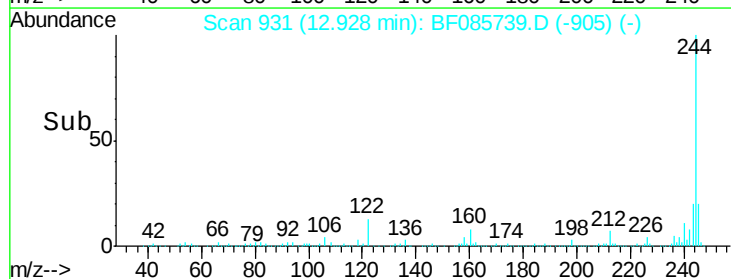
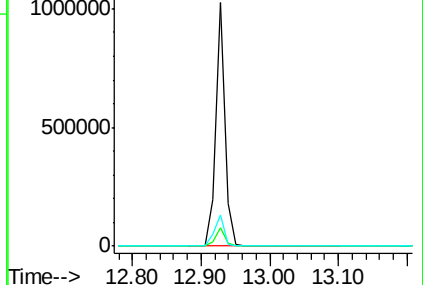
122 12.9 10.2 15.4

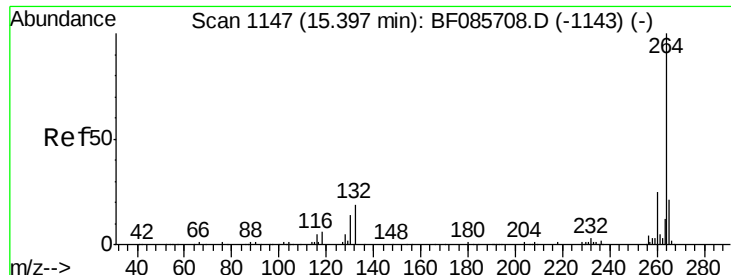


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

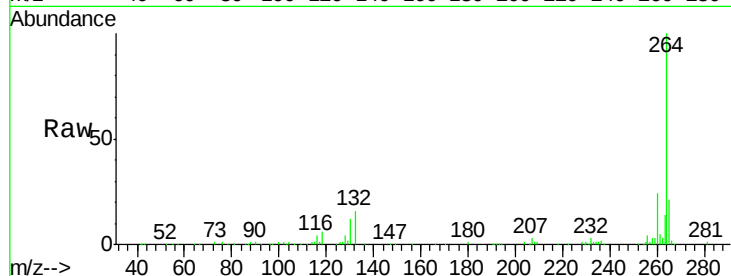




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085739.D
Acq: 25 Mar 2016 3:45

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.0	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

