

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 07:14:49 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

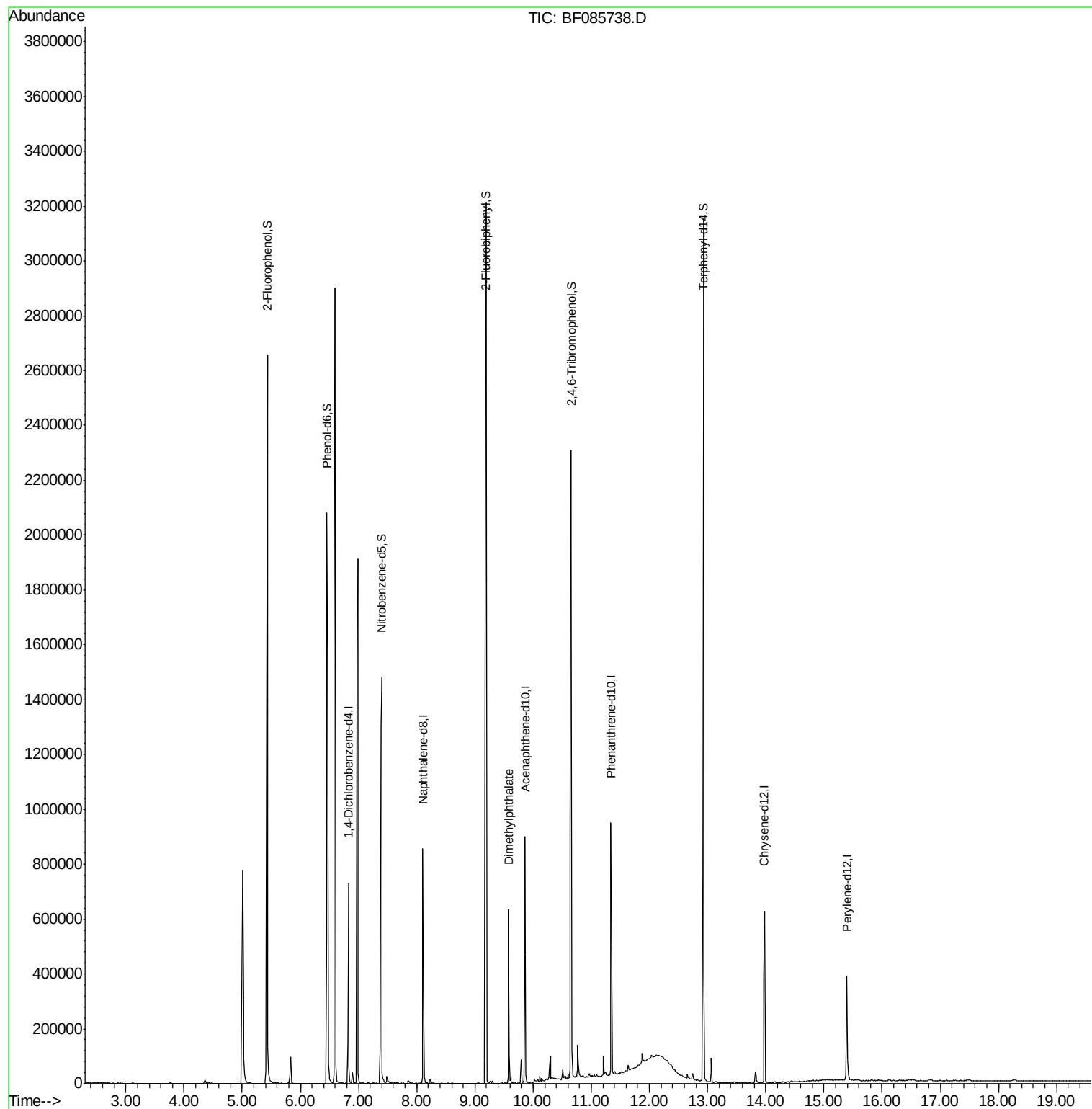
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	107775	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	416606	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	206690	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	395433	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	268507	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						
49) Dimethylphthalate	9.58	163	232846	14.85	ng	Qvalue 99

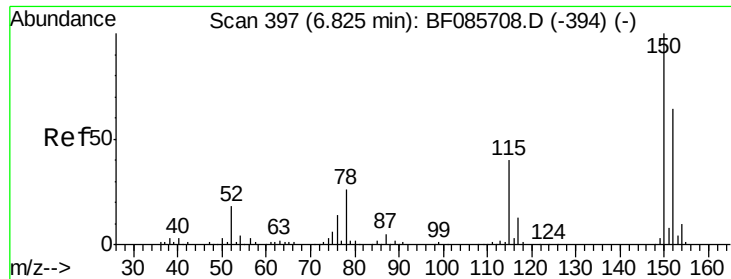
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

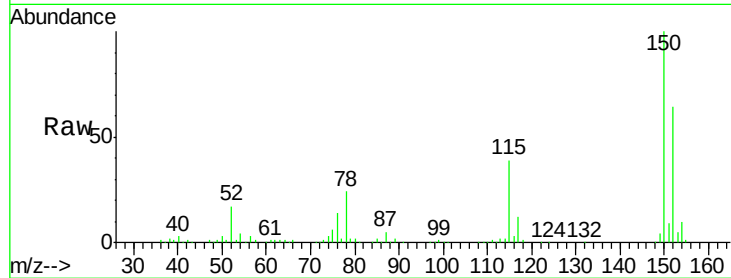
Tgt Ion:152 Resp: 107775

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

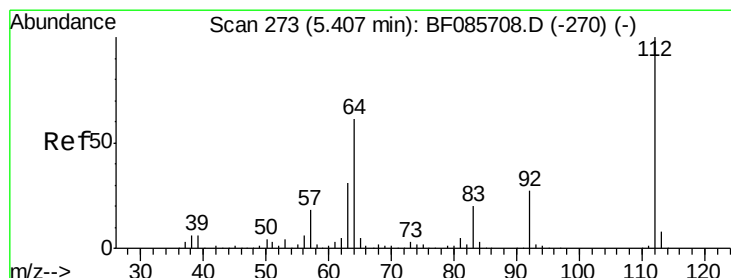
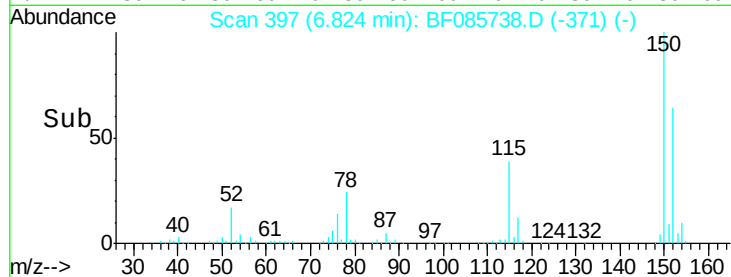
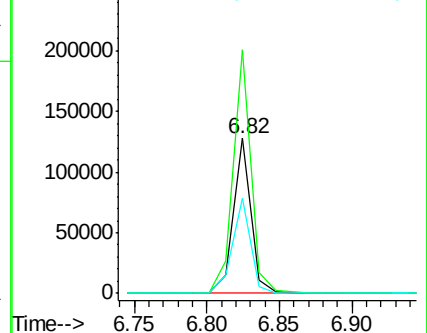
115 61.3 47.0 70.6



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

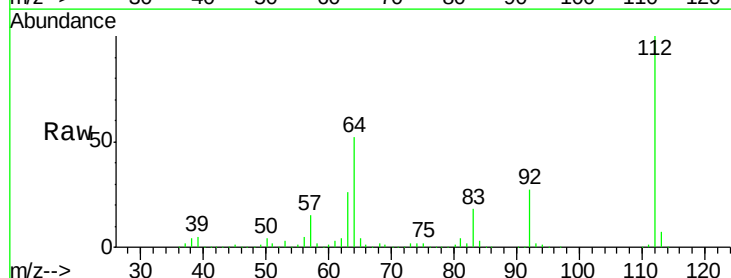
Tgt Ion:112 Resp: 923650

Ion Ratio Lower Upper

112 100

64 52.3 39.9 59.9

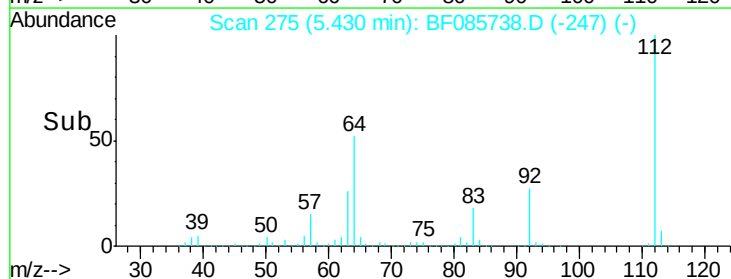
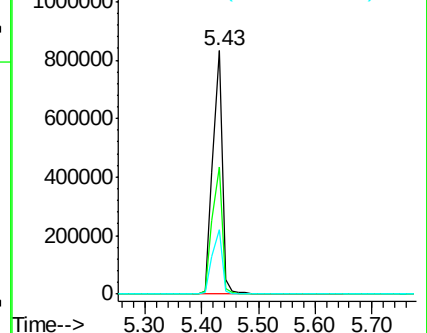
63 26.2 20.2 30.2

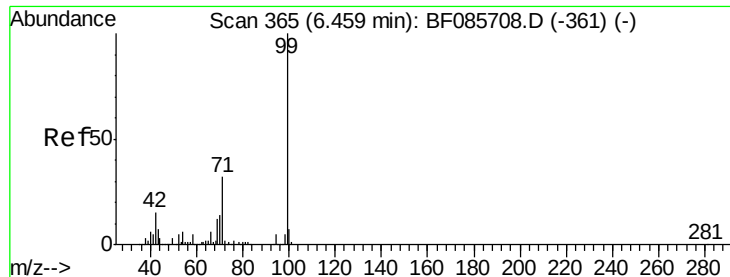


Abundance Ion 112.00 (111.70 to 112.70): E

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)

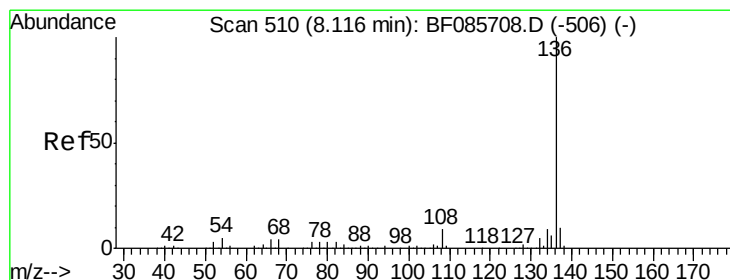
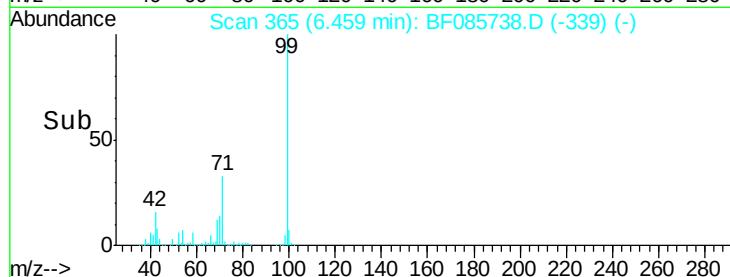
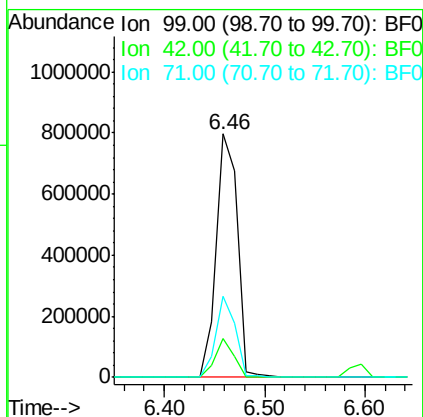
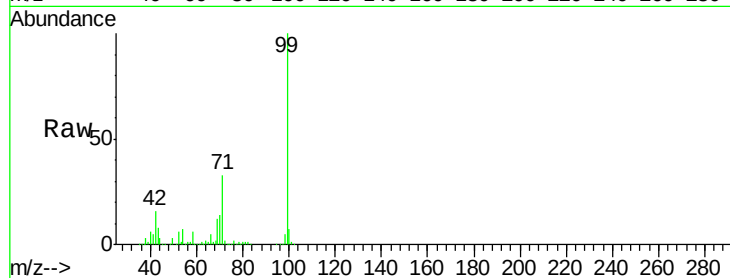
Tgt Ion: 99 Resp: 1165745

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

71 33.3 24.9 37.3



#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

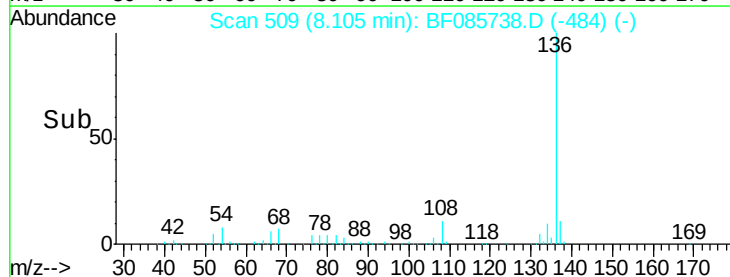
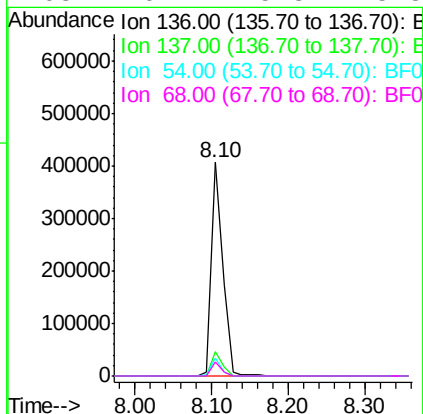
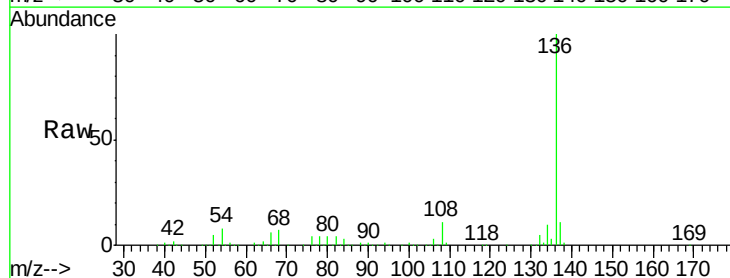
Ion Ratio Lower Upper

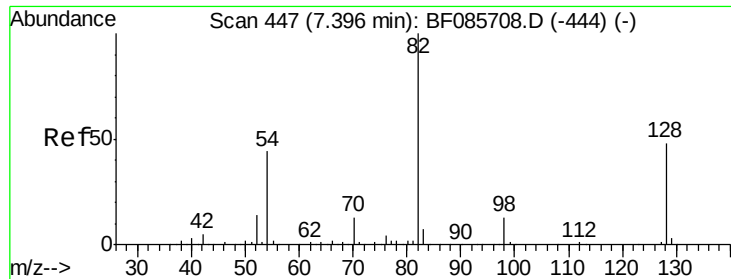
136 100

137 11.5 9.1 13.7

54 8.4 7.4 11.0

68 6.7 5.8 8.8

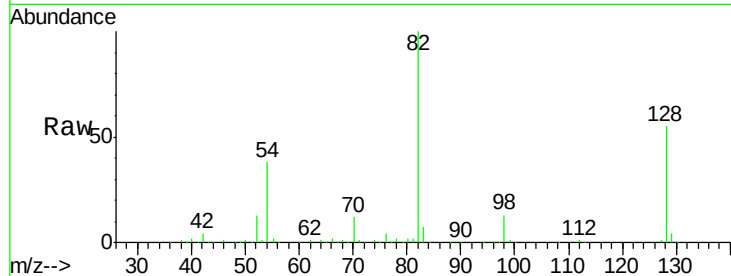




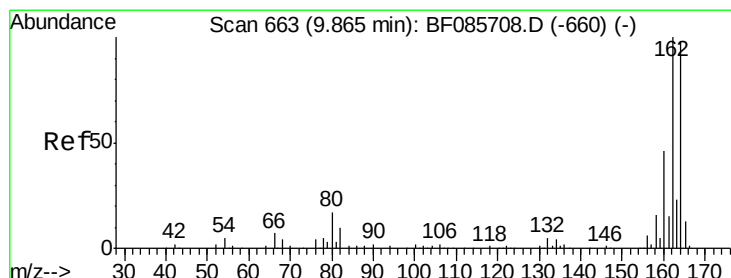
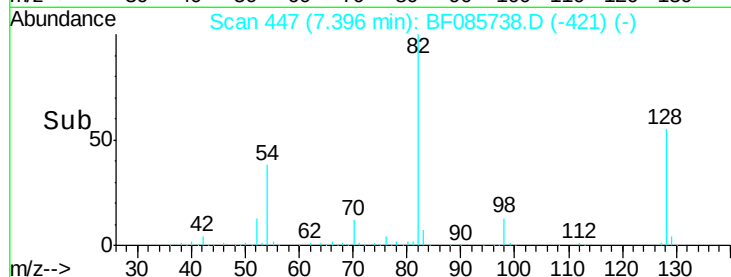
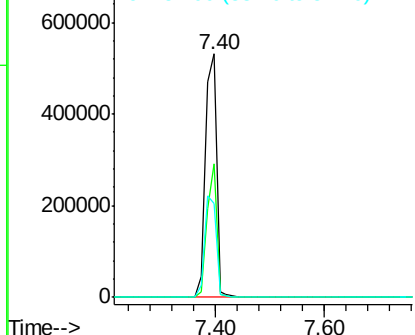
#23
 Nitrobenzene-d5
 Concen: 100.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

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

Tgt Ion: 82 Resp: 741556
 Ion Ratio Lower Upper
 82 100
 128 55.1 41.8 62.8
 54 38.5 33.4 50.0

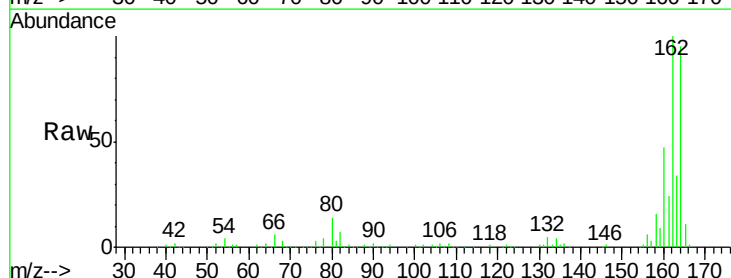


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

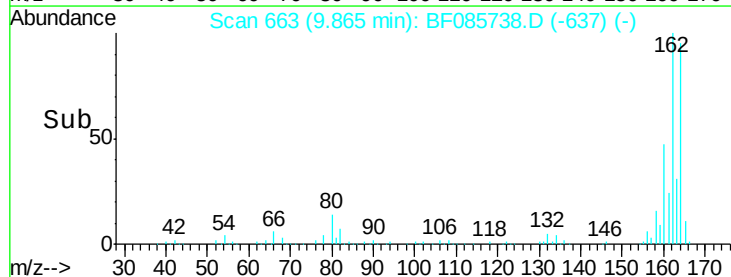
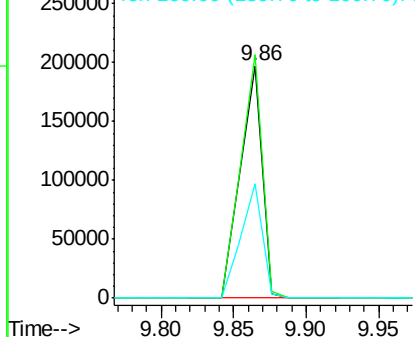


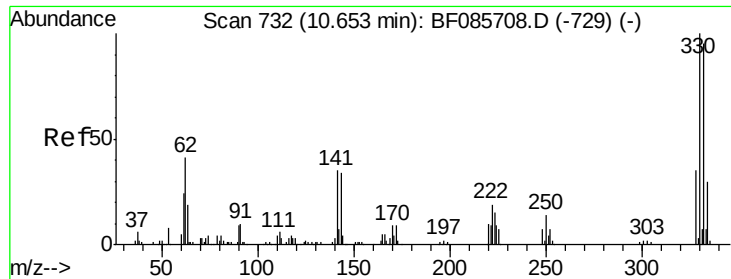
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

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

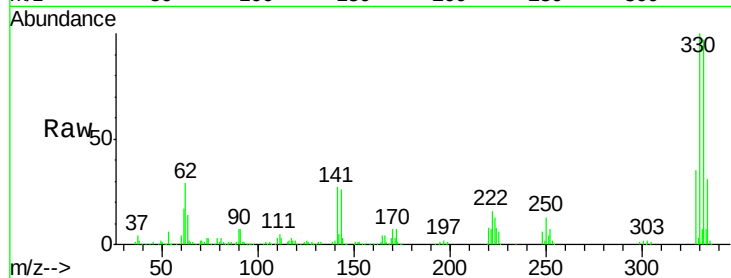




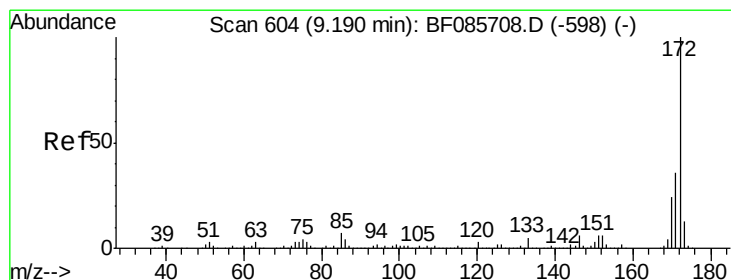
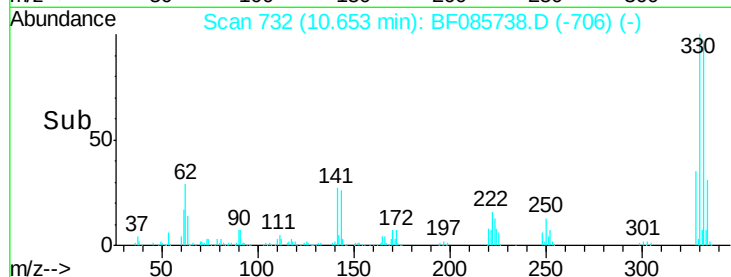
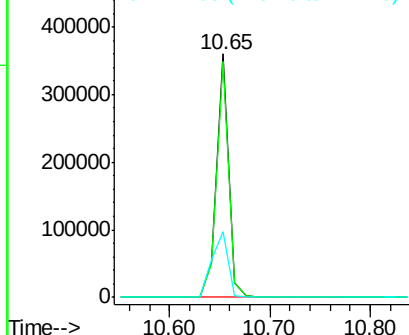
#41
 2,4,6-Tribromophenol
 Concen: 153.62 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	36.4	31.5	47.3

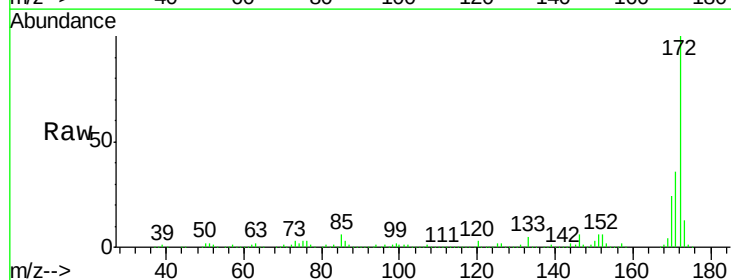


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

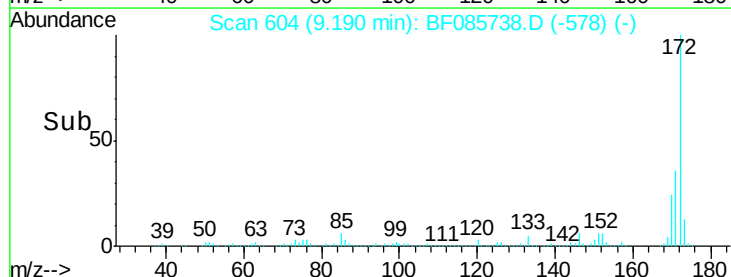
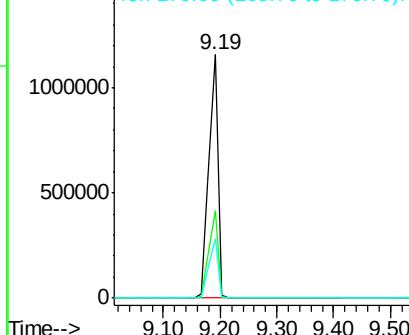


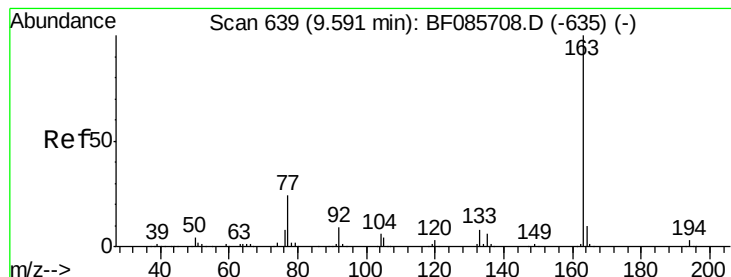
#44
 2-Fluorobiphenyl
 Concen: 97.83 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085738.D
 Acq: 25 Mar 2016 3:17

Tgt 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

Instrument :

BNA_F

ClientSampleId :

GW-3(18-20)

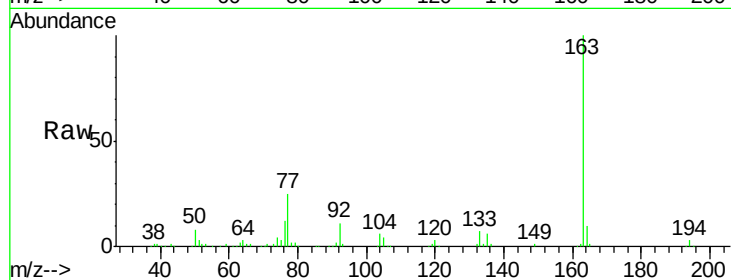
Tgt Ion:163 Resp: 232846

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

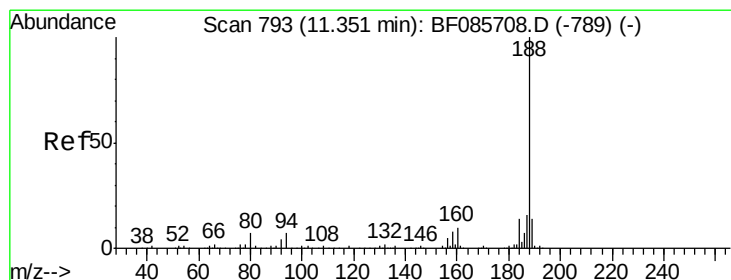
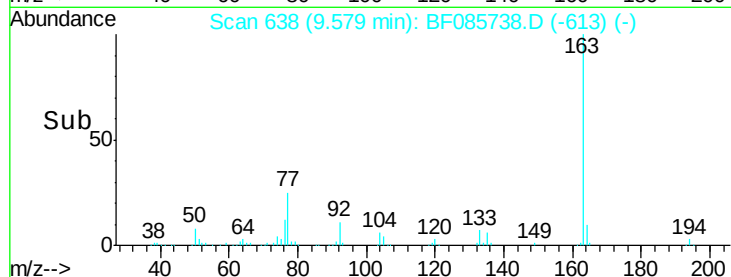
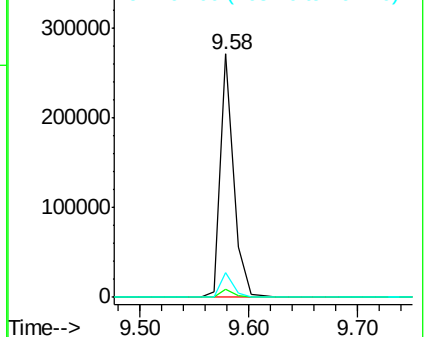
164 10.3 8.3 12.5



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



#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

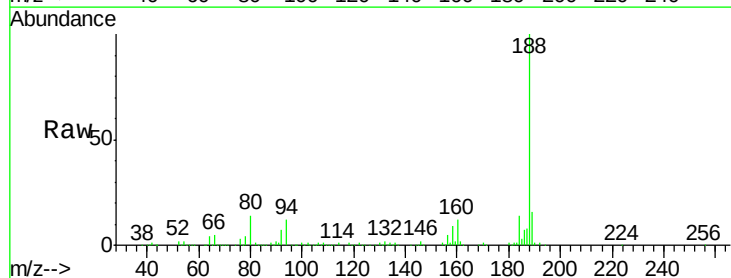
Tgt Ion:188 Resp: 395433

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

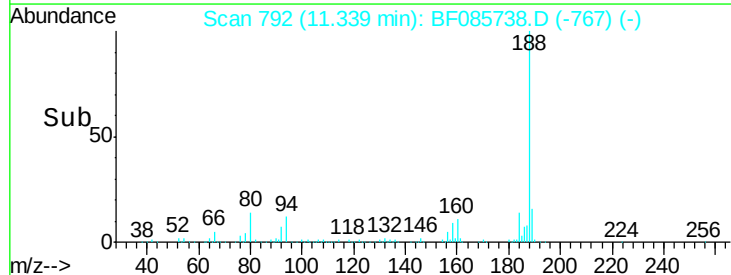
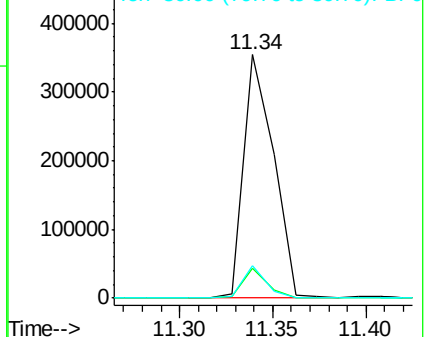
80 13.6 5.5 8.3#

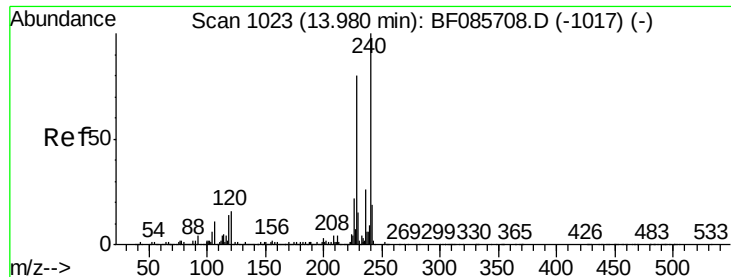


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

GW-3(18-20)

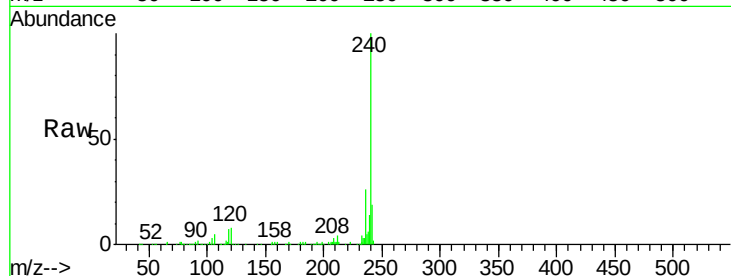
Tgt Ion:240 Resp: 268507

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

300000

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

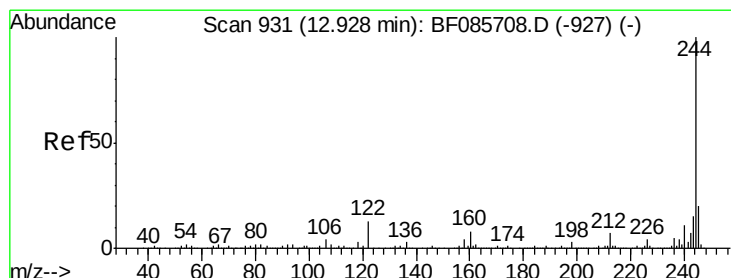
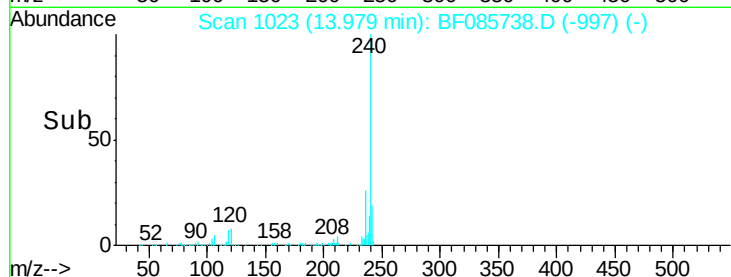
200000

13.98

100000

0

Time-->



#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

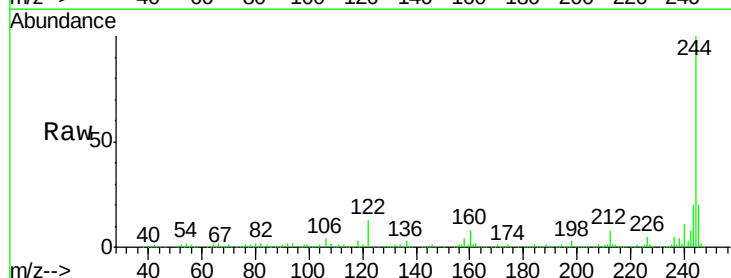
Tgt Ion:244 Resp: 976329

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

1000000

Ion 212.00 (211.70 to 212.70): E

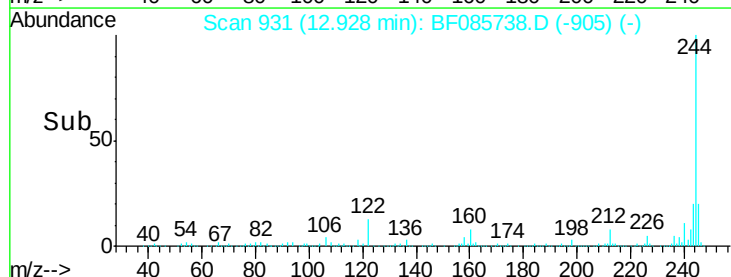
Ion 122.00 (121.70 to 122.70): E

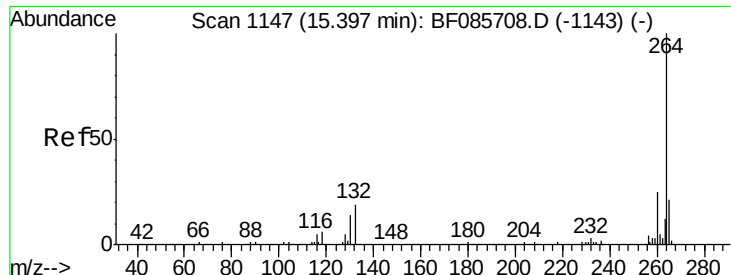
500000

12.93

0

Time-->

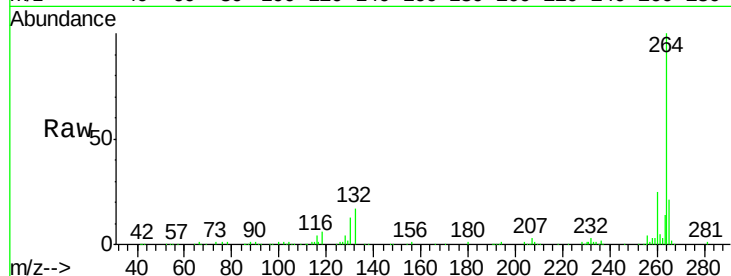




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085738.D
Acq: 25 Mar 2016 3:17

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

Tgt 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

