

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085814.D
 Acq On : 28 Mar 2016 21:13
 Operator : UM/SJ
 Sample : H1937-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)

Quant Time: Mar 29 01:32:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

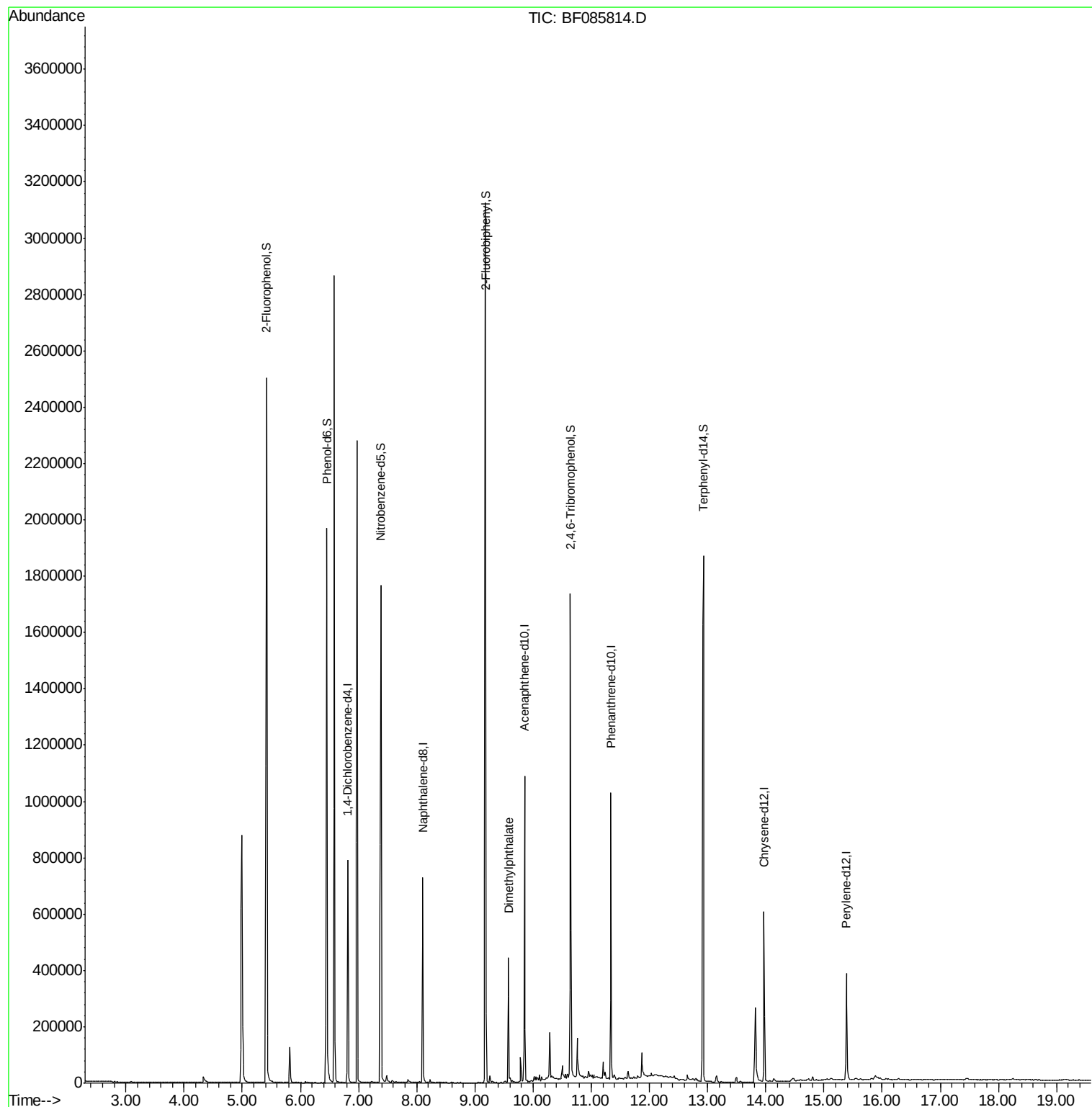
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113223	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	443865	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	203527	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	373113	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	221621	20.00	ng	-0.01
86) Perylene-d12	15.39	264	189695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	819189	120.50	ng	0.01
7) Phenol-d6	6.46	99	1093398	126.50	ng	0.00
23) Nitrobenzene-d5	7.38	82	668852	84.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	231538	119.74	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	949724	77.96	ng	-0.01
78) Terphenyl-d14	12.93	244	829791	77.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	239234	15.49	ng	Qvalue 98

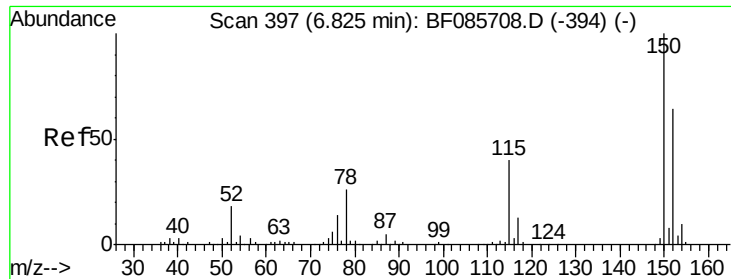
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

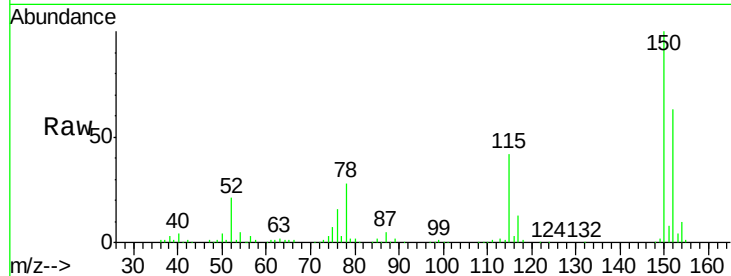
Tgt Ion:152 Resp: 113223

Ion Ratio Lower Upper

152 100

150 158.1 124.2 186.2

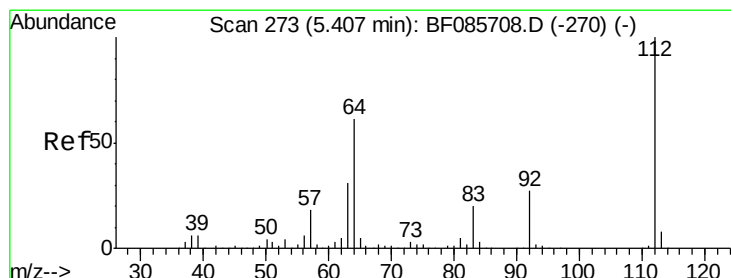
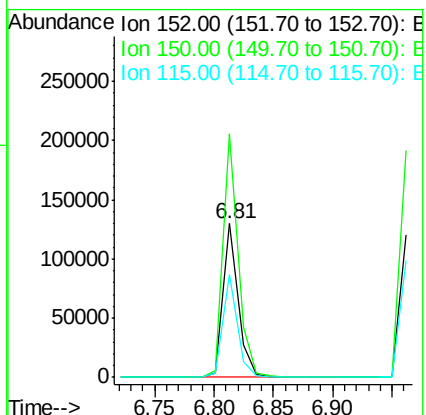
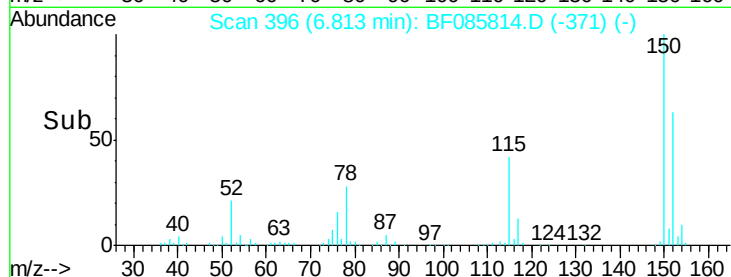
115 67.0 47.0 70.6



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: 120.50 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

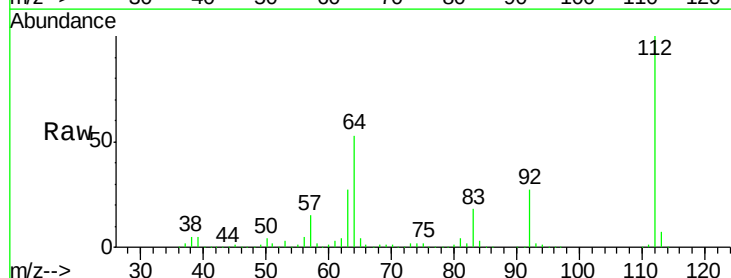
Tgt Ion:112 Resp: 819189

Ion Ratio Lower Upper

112 100

64 52.6 39.9 59.9

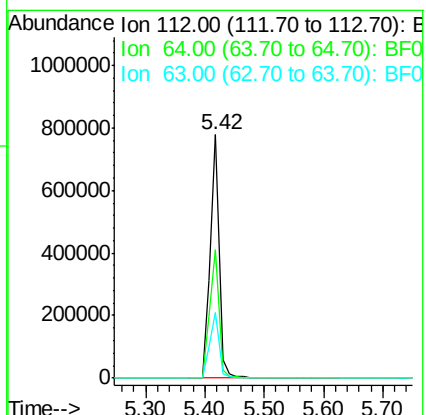
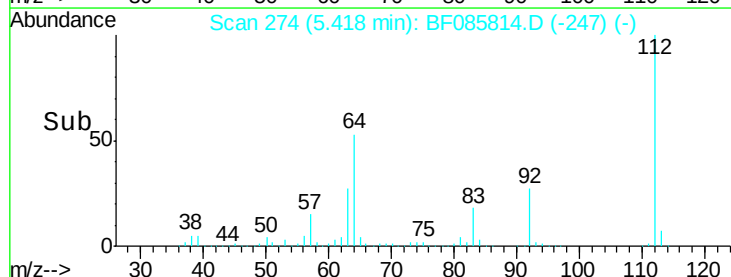
63 26.8 20.2 30.2

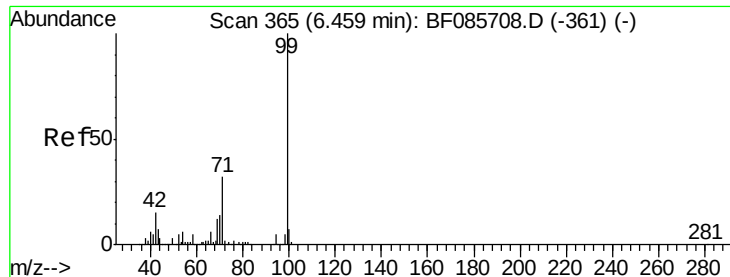


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.50 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

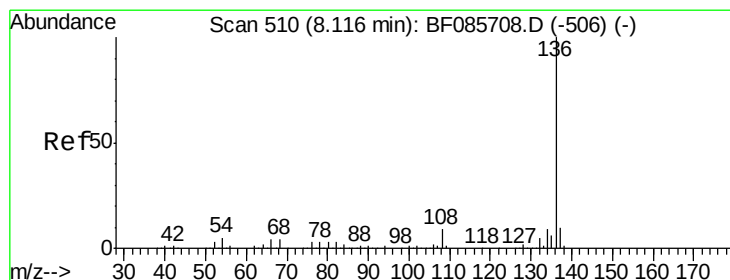
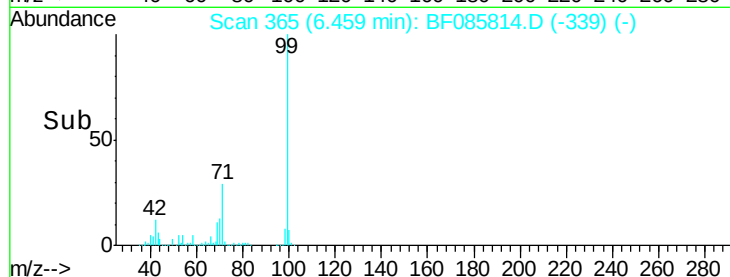
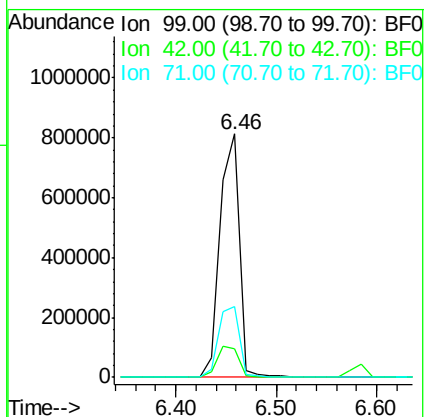
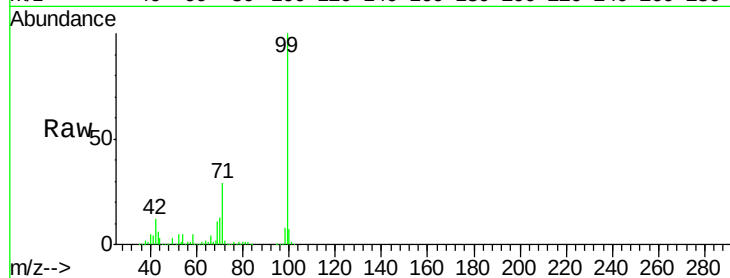
Tgt Ion: 99 Resp: 1093398

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

71 28.9 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: BF085814.D

Acq: 28 Mar 2016 21:13

Tgt Ion: 136 Resp: 443865

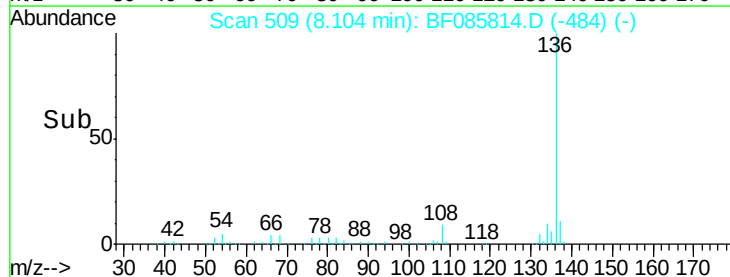
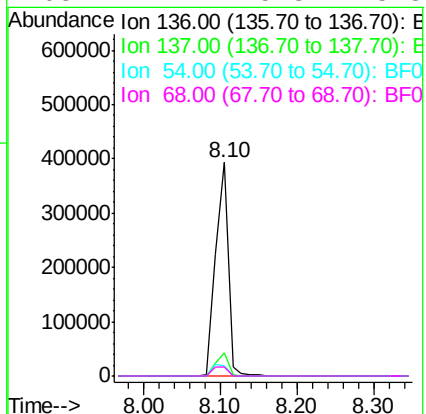
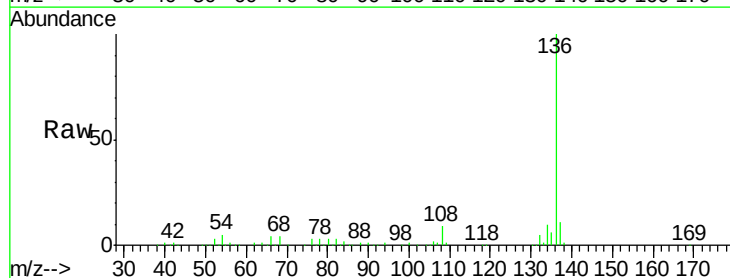
Ion Ratio Lower Upper

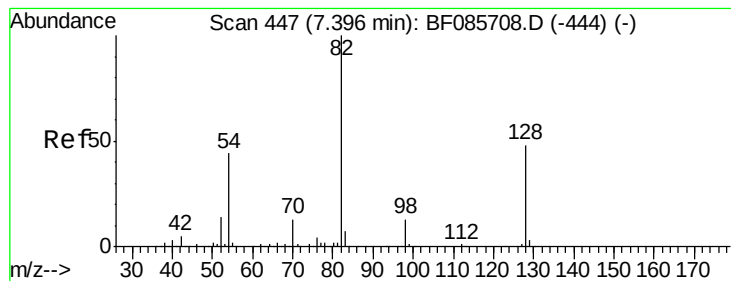
136 100

137 10.5 9.1 13.7

54 4.9 7.4 11.0#

68 4.1 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 84.86 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

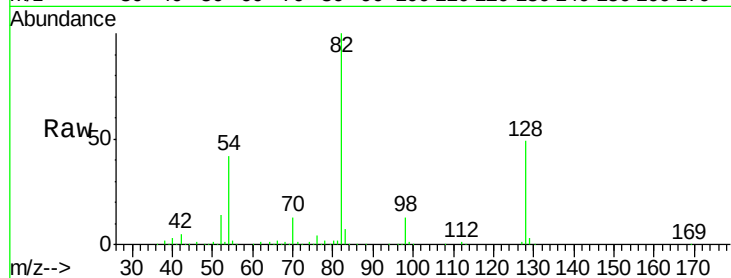
Tgt Ion: 82 Resp: 668852

Ion Ratio Lower Upper

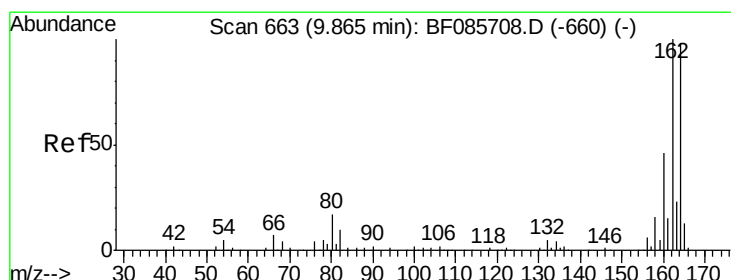
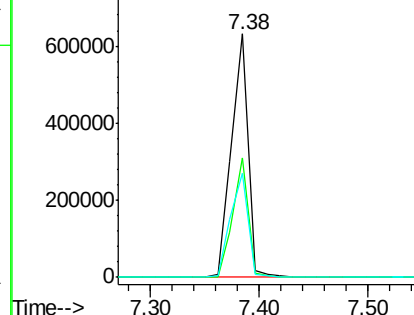
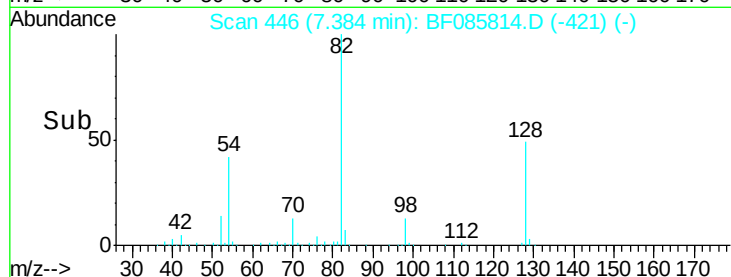
82 100

128 49.2 41.8 62.8

54 42.5 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: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

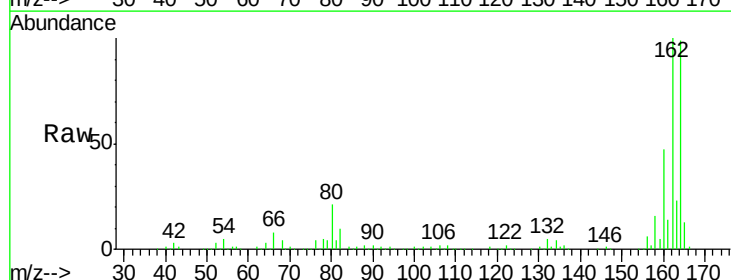
Tgt Ion: 164 Resp: 203527

Ion Ratio Lower Upper

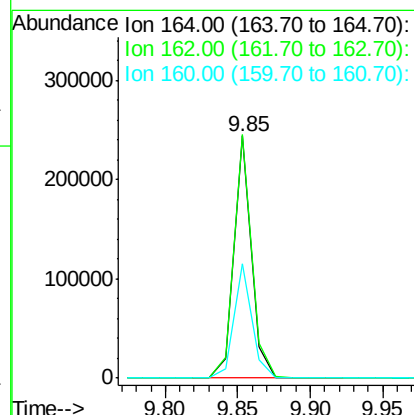
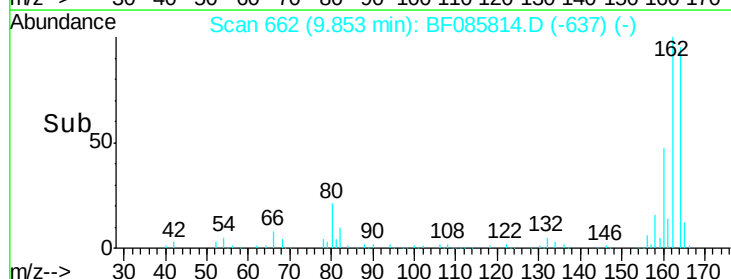
164 100

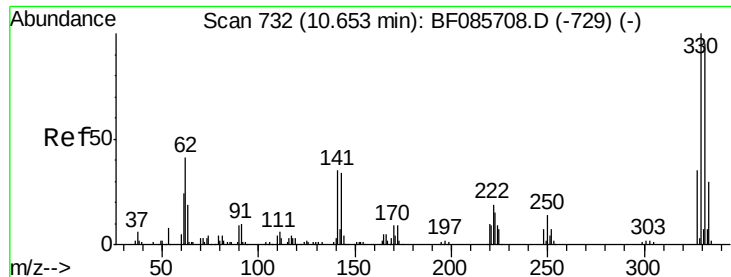
162 100.6 82.1 123.1

160 47.0 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

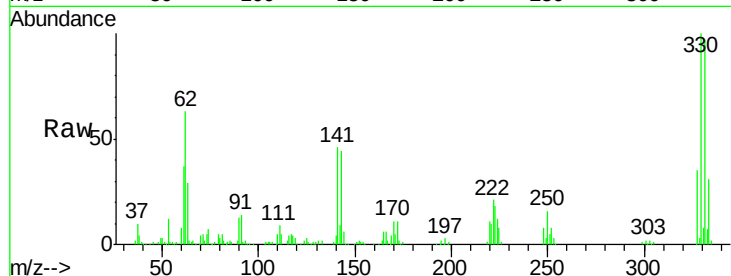




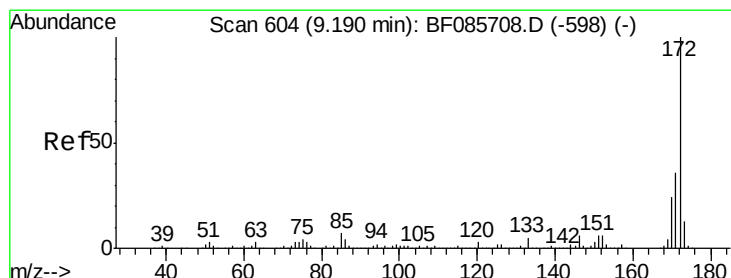
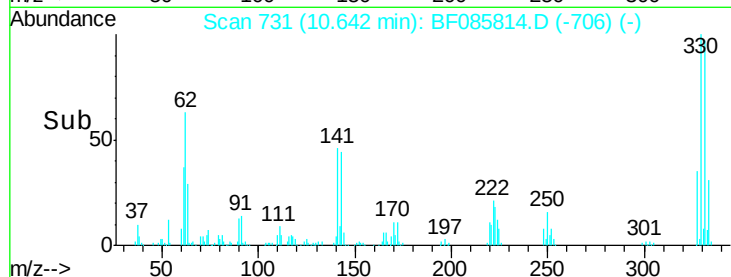
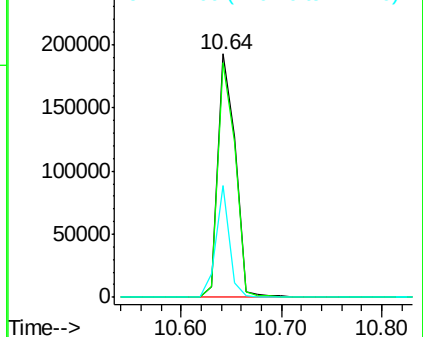
#41
 2,4,6-Tribromophenol
 Concen: 119.74 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(16-18)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	36.2	31.5	47.3

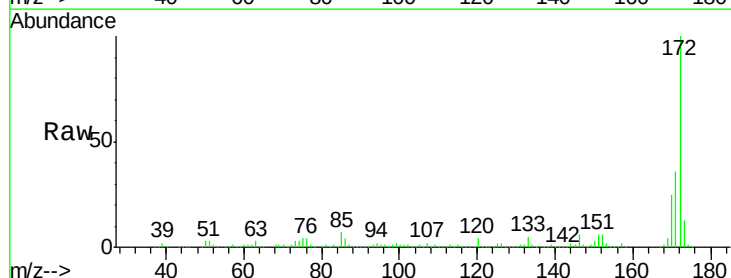


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

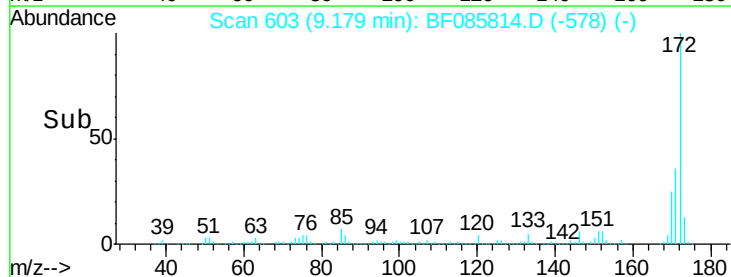
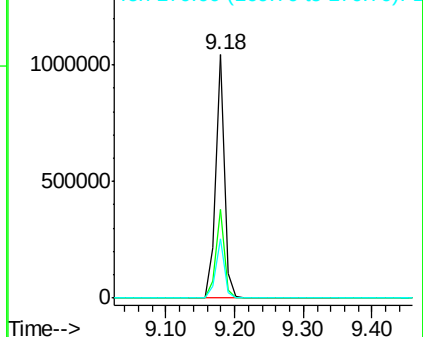


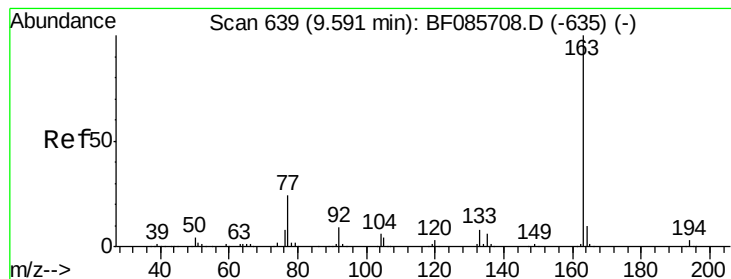
#44
 2-Fluorobiphenyl
 Concen: 77.96 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085814.D
 Acq: 28 Mar 2016 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	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: 15.49 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

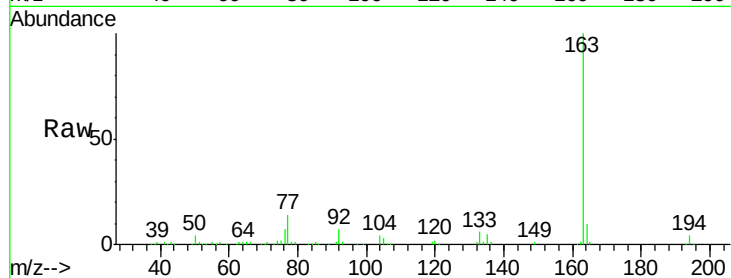
Tgt Ion:163 Resp: 239234

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

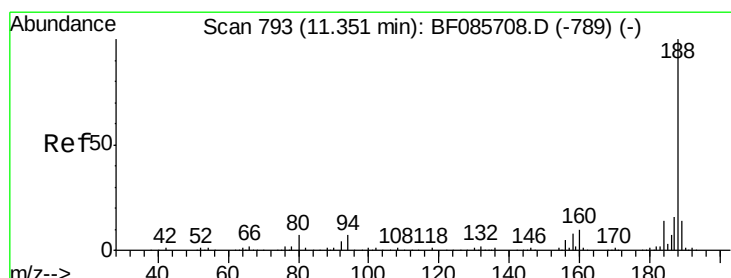
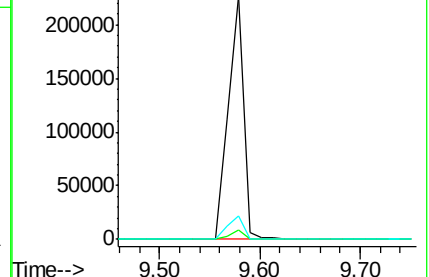
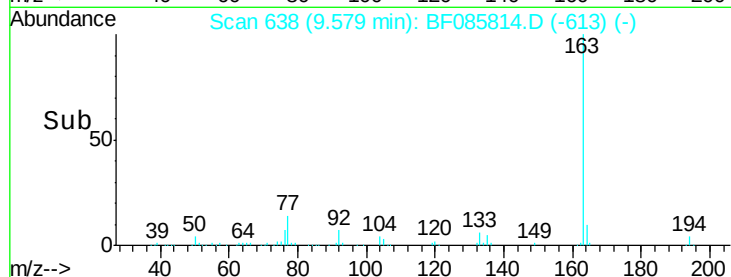
164 9.6 8.3 12.5



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: BF085814.D

Acq: 28 Mar 2016 21:13

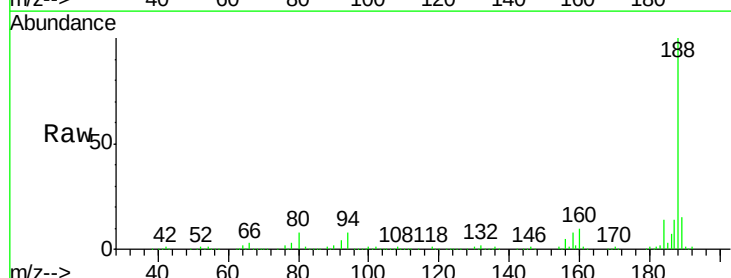
Tgt Ion:188 Resp: 373113

Ion Ratio Lower Upper

188 100

94 8.0 5.4 8.0

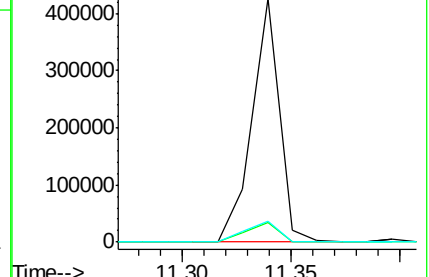
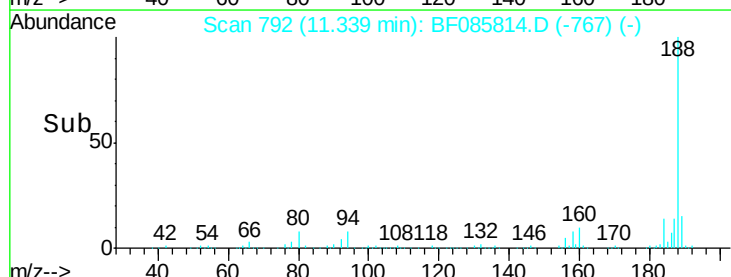
80 8.3 5.5 8.3#

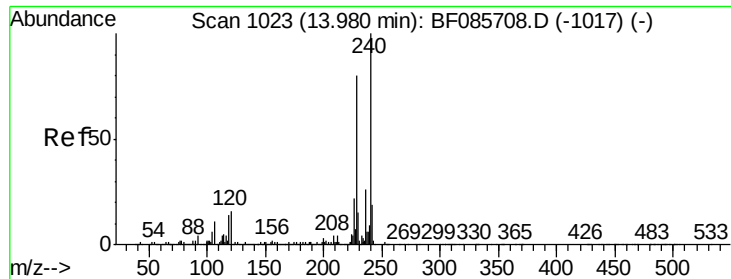


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

Instrument :

BNA_F

ClientSampleId :

GW-04(16-18)

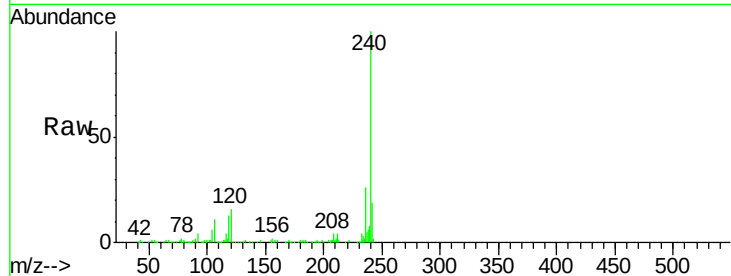
Tgt Ion:240 Resp: 221621

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

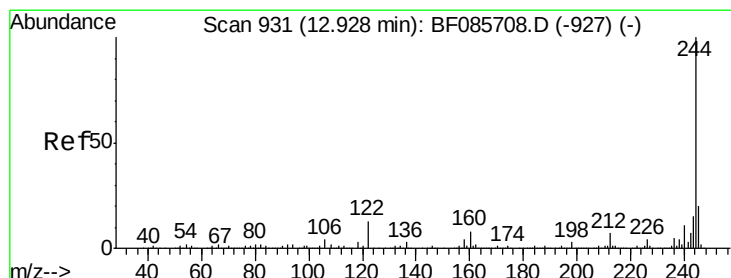
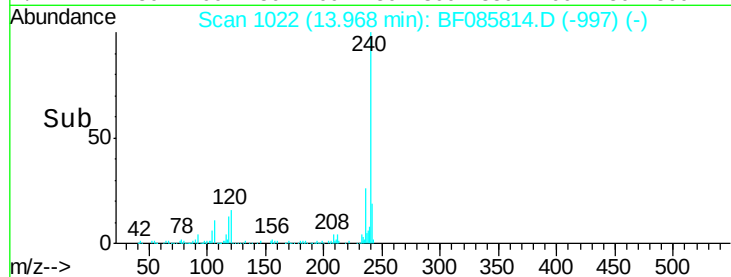
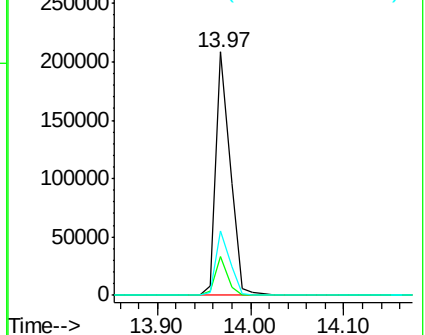
236 26.2 20.6 30.8



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: 77.00 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085814.D

Acq: 28 Mar 2016 21:13

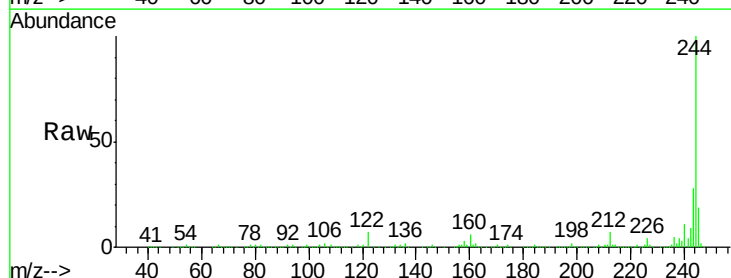
Tgt Ion:244 Resp: 829791

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

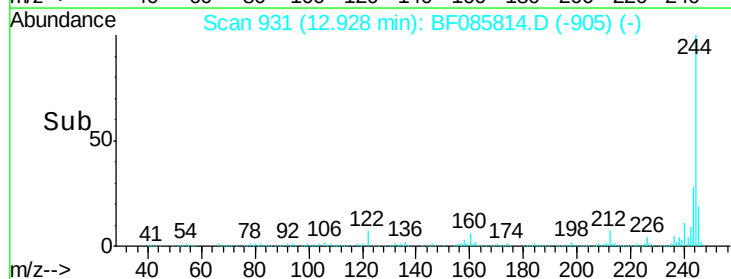
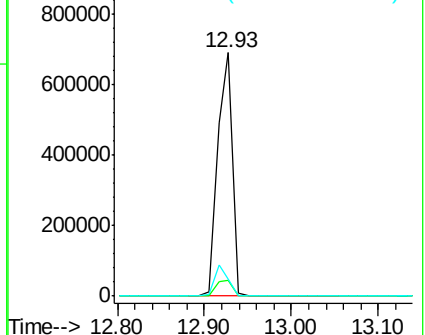
122 7.0 10.2 15.4#

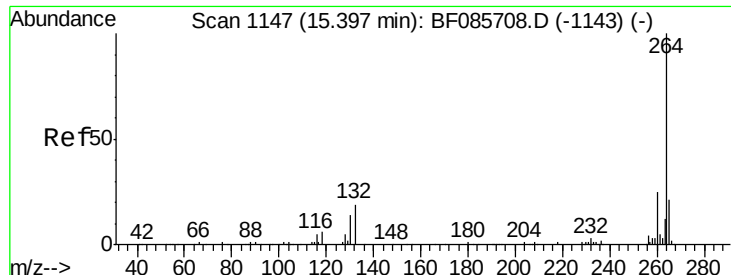


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

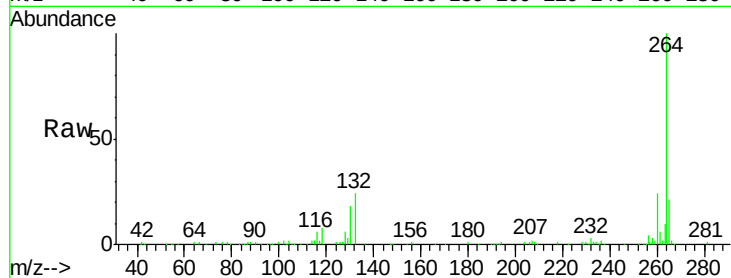




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085814.D
Acq: 28 Mar 2016 21:13

Instrument :
BNA_F
ClientSampleId :
GW-04(16-18)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.7	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

