

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085652.D
 Acq On : 22 Mar 2016 7:35
 Operator : UM/SJ
 Sample : H1834-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15GW

Quant Time: Mar 22 08:07:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	140474	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	554425	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	217524	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	327947	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	261088	20.00	ng	-0.02
86) Perylene-d12	15.42	264	261123	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	577538	69.06	ng	-0.01
7) Phenol-d6	6.47	99	437683	40.80	ng	-0.02
23) Nitrobenzene-d5	7.41	82	785422	82.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	295020	138.46	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1433987	128.70	ng	-0.01
78) Terphenyl-d14	12.95	244	981446	90.46	ng	-0.01

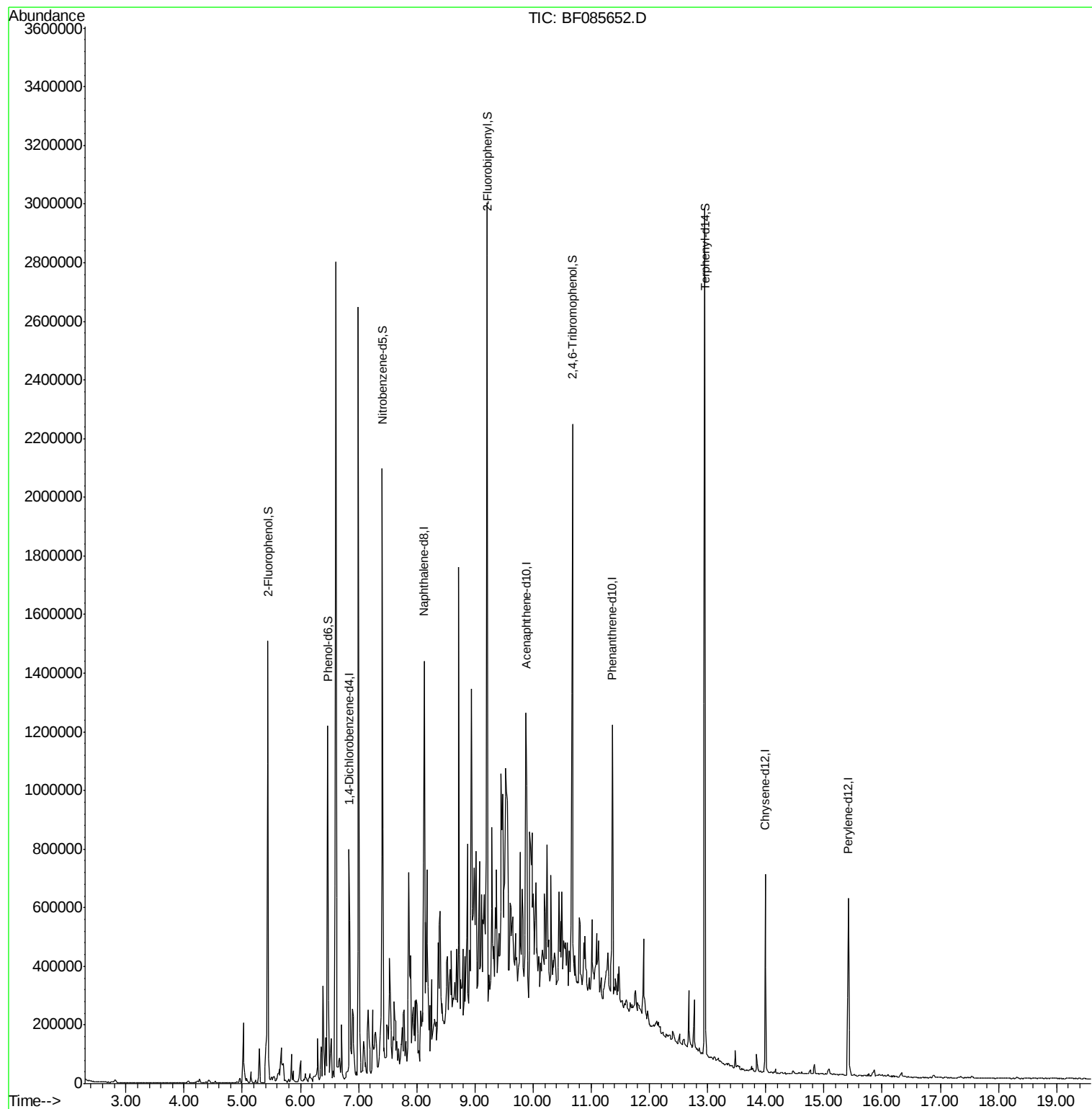
Target Compounds	Qvalue
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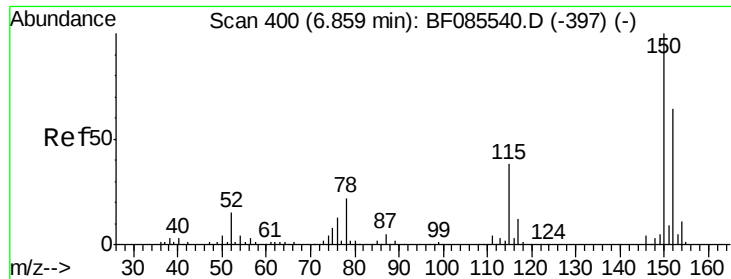
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

Instrument :

BNA_F

ClientSampleId :

15GW

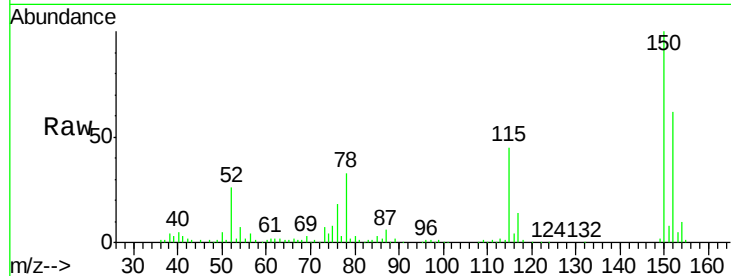
Tgt Ion:152 Resp: 140474

Ion Ratio Lower Upper

152 100

150 160.6 124.2 186.2

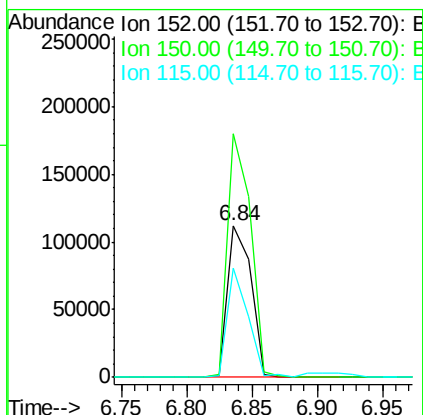
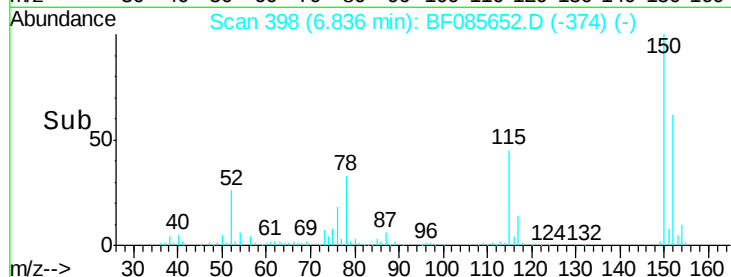
115 71.6 47.0 70.6#



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: 69.06 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

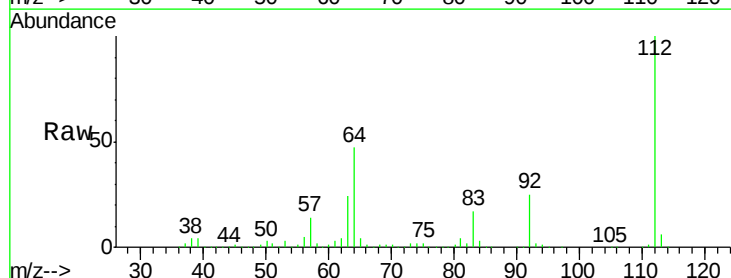
Tgt Ion:112 Resp: 577538

Ion Ratio Lower Upper

112 100

64 47.5 39.9 59.9

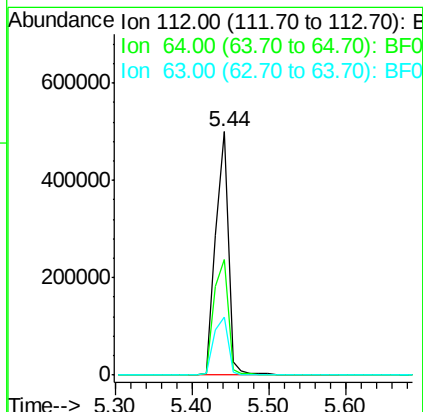
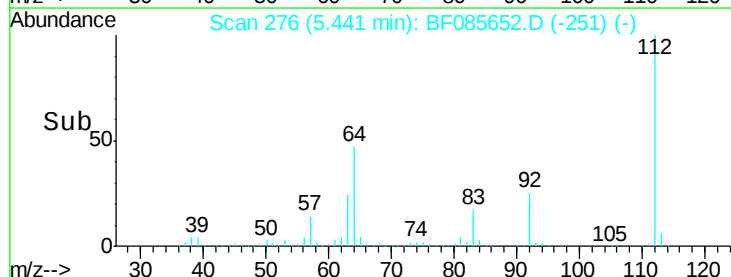
63 24.0 20.2 30.2



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: 40.80 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

Instrument :

BNA_F

ClientSampleId :

15GW

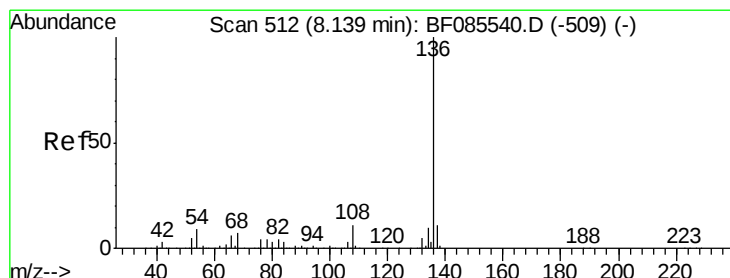
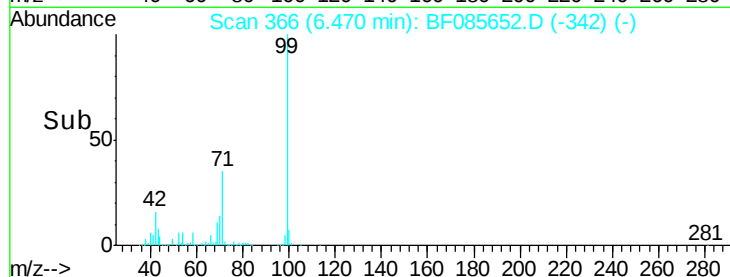
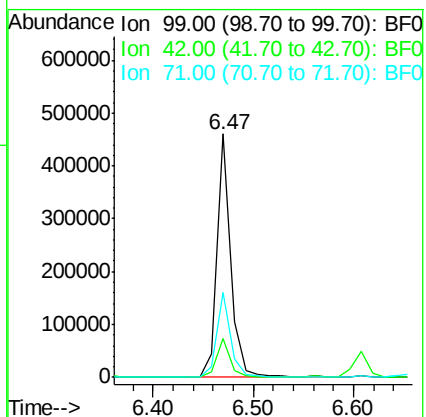
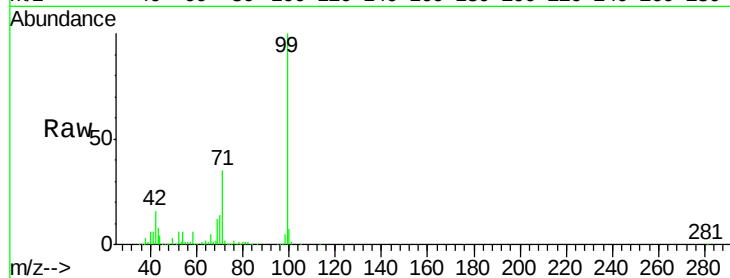
Tgt Ion: 99 Resp: 437683

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 34.6 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

Tgt Ion: 136 Resp: 554425

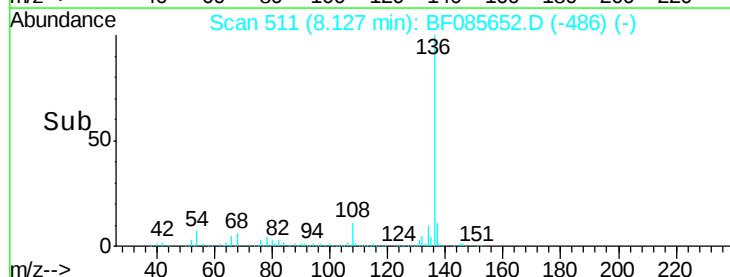
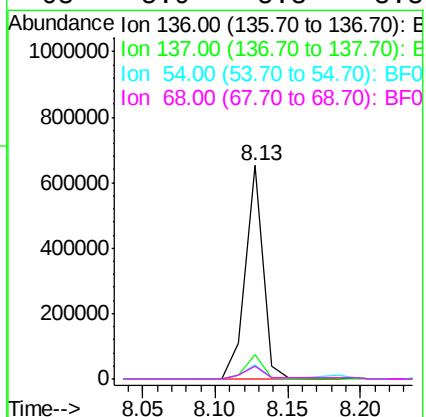
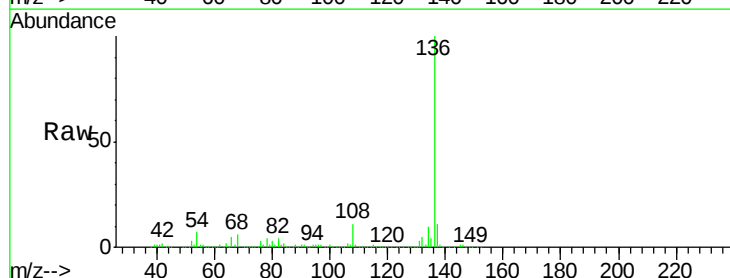
Ion Ratio Lower Upper

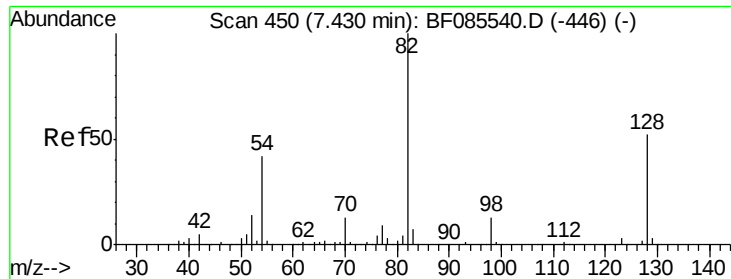
136 100

137 11.2 9.1 13.7

54 6.9 7.4 11.0#

68 5.9 5.8 8.8





#23

Nitrobenzene-d5

Concen: 82.23 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

Instrument :

BNA_F

ClientSampleId :

15GW

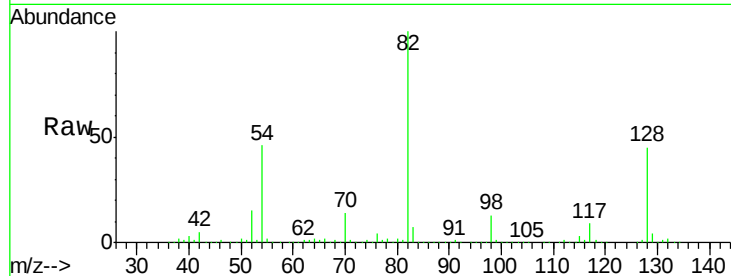
Tgt Ion: 82 Resp: 785422

Ion Ratio Lower Upper

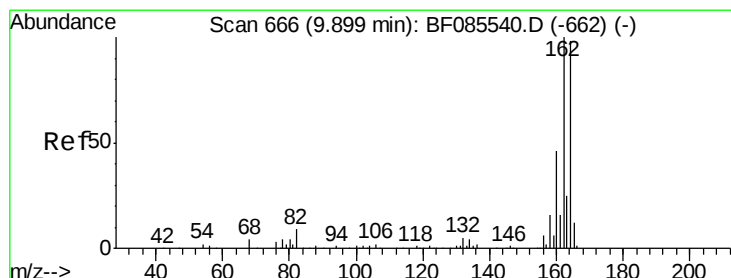
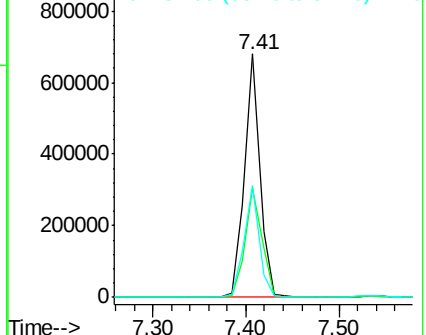
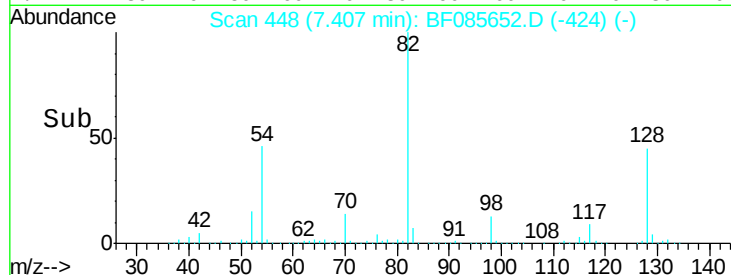
82 100

128 45.0 41.8 62.8

54 45.9 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: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

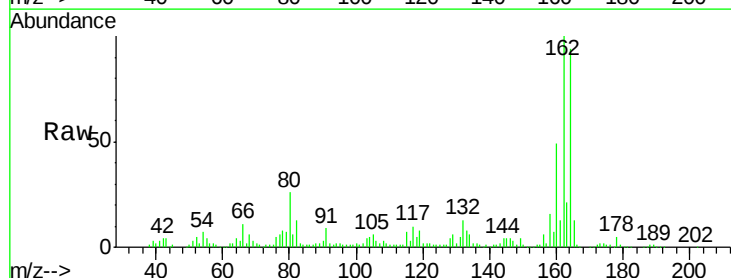
Tgt Ion: 164 Resp: 217524

Ion Ratio Lower Upper

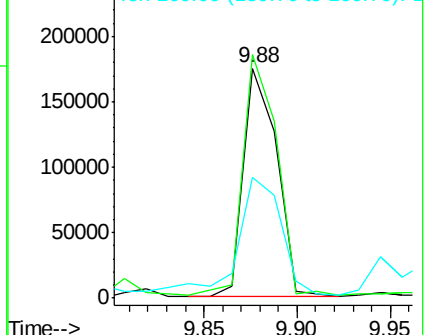
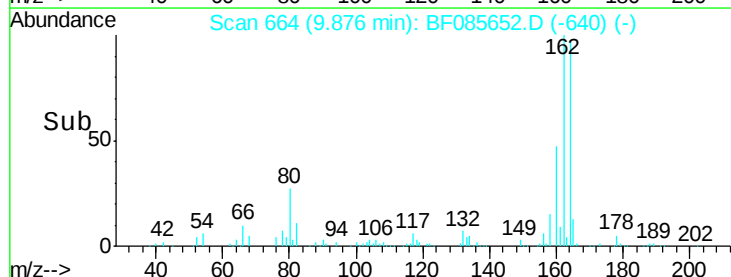
164 100

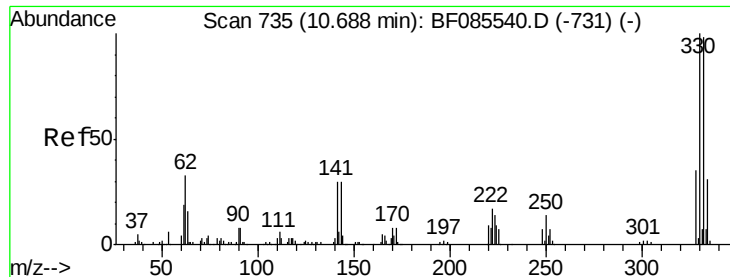
162 106.0 82.1 123.1

160 52.3 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

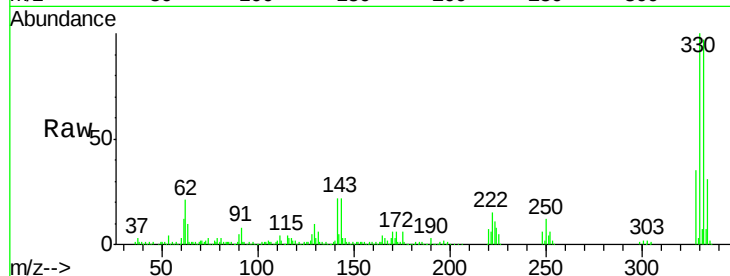




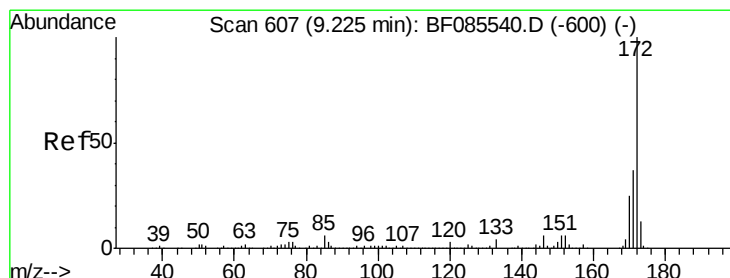
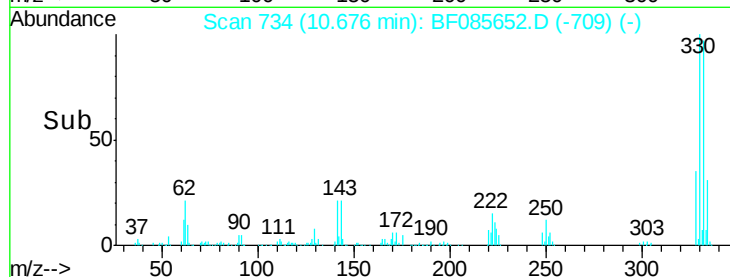
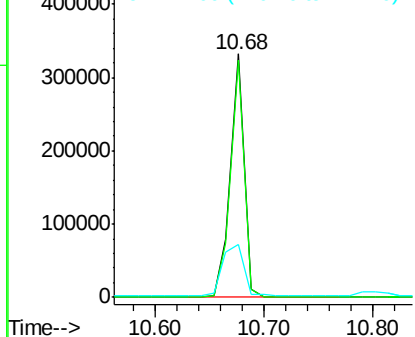
#41
 2,4,6-Tribromophenol
 Concen: 138.46 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085652.D
 Acq: 22 Mar 2016 7:35

Instrument :
 BNA_F
 ClientSampleId :
 15GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	33.5	31.5	47.3

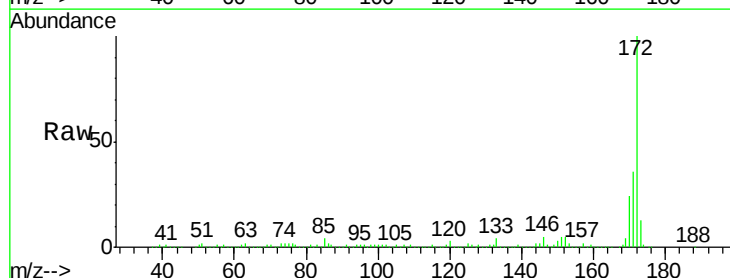


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

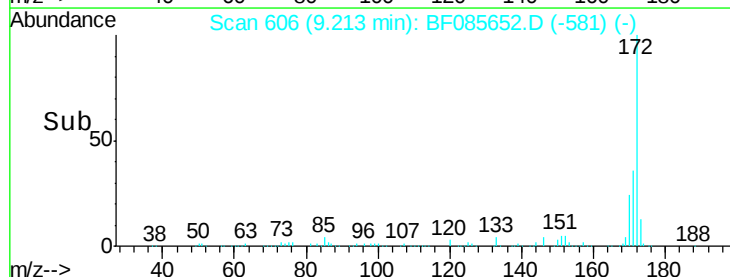
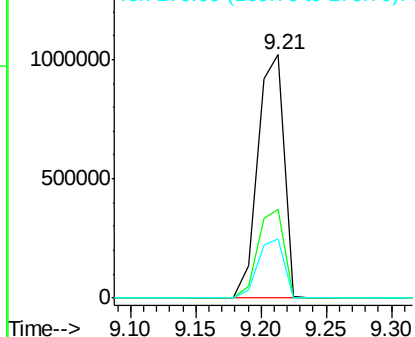


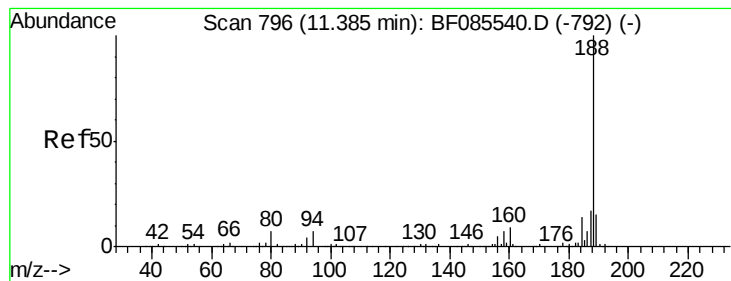
#44
 2-Fluorobiphenyl
 Concen: 128.70 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085652.D
 Acq: 22 Mar 2016 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

Instrument :

BNA_F

ClientSampleId :

15GW

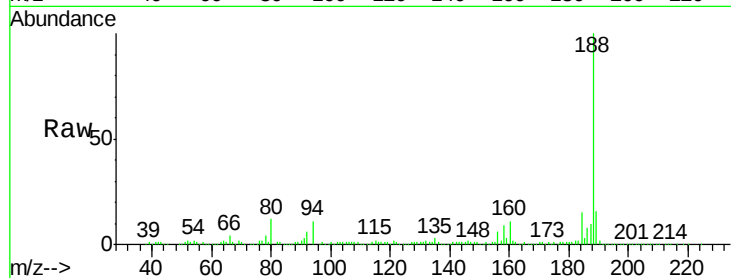
Tgt Ion:188 Resp: 327947

Ion Ratio Lower Upper

188 100

94 11.2 5.4 8.0#

80 11.7 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

400000

300000

200000

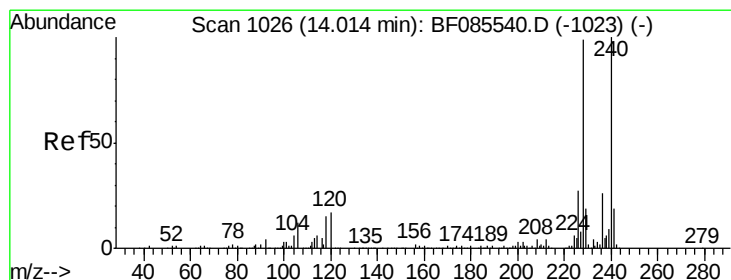
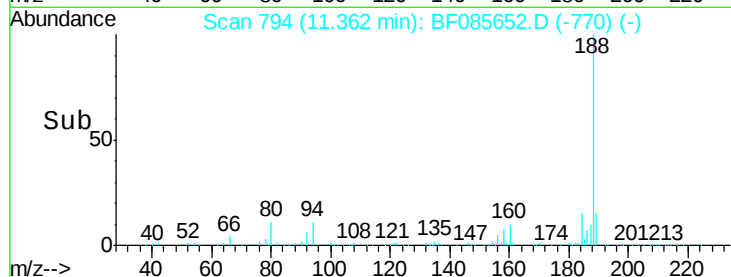
100000

0

11.36

11.30 11.35 11.40

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085652.D

Acq: 22 Mar 2016 7:35

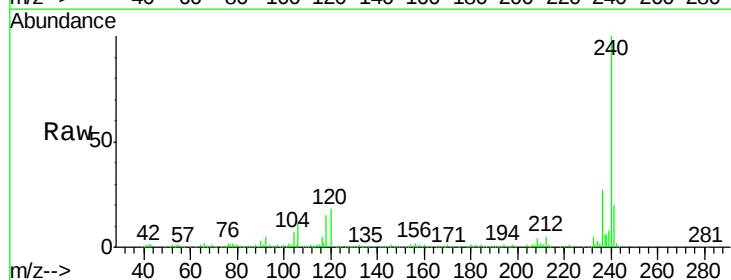
Tgt Ion:240 Resp: 261088

Ion Ratio Lower Upper

240 100

120 18.0 13.8 20.8

236 26.6 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

300000

250000

200000

150000

100000

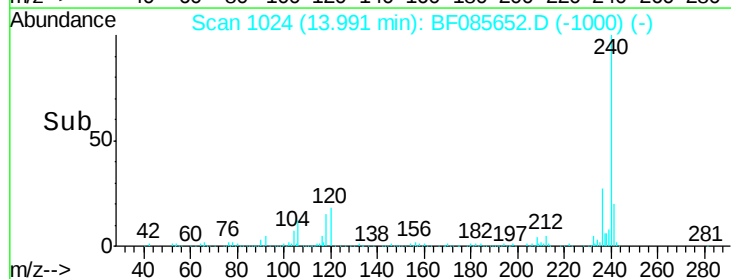
50000

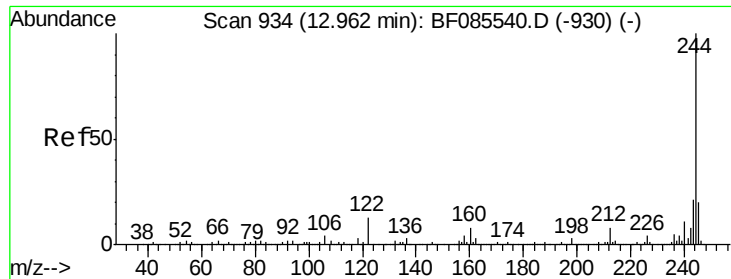
0

13.99

13.90 14.00 14.10

Time-->

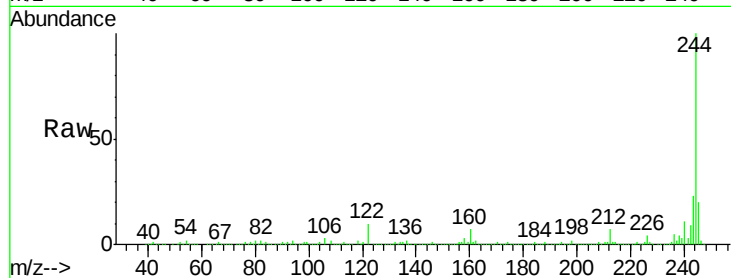




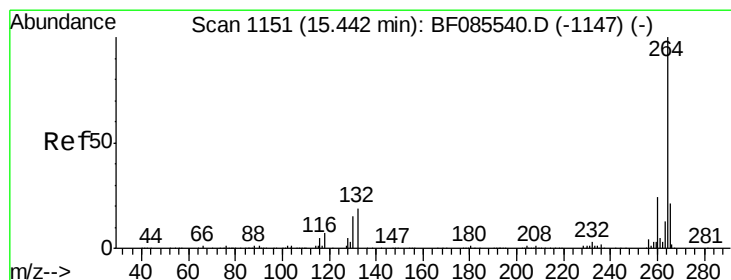
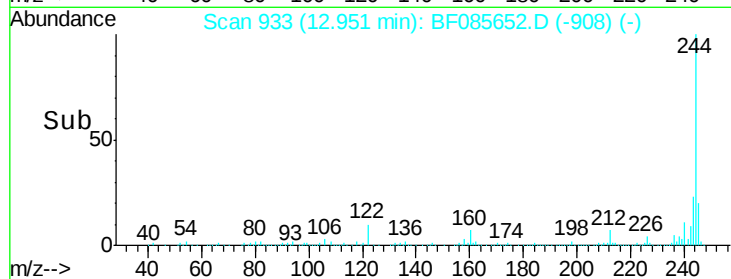
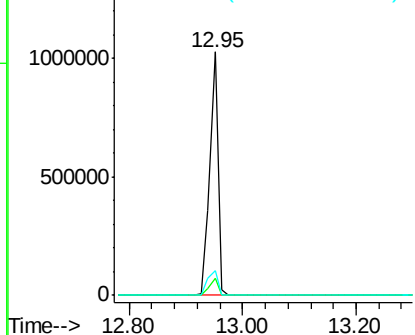
#78
 Terphenyl-d14
 Concen: 90.46 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085652.D
 Acq: 22 Mar 2016 7:35

Instrument :
 BNA_F
 ClientSampleId :
 15GW

Tgt Ion:244 Resp: 981446
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.0 10.2 15.4#

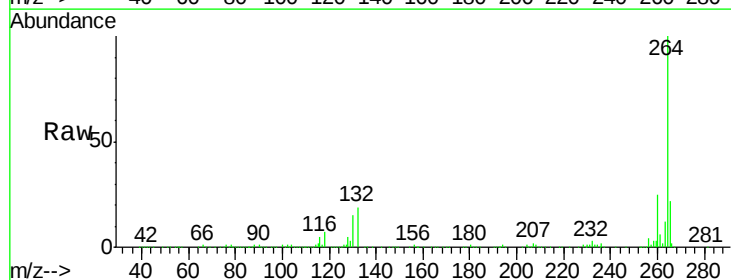


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085652.D
 Acq: 22 Mar 2016 7:35

Tgt Ion:264 Resp: 261123
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.5 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

