

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085637.D
 Acq On : 21 Mar 2016 22:18
 Operator : UM/SJ
 Sample : H1841-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-WALL(3-5)

Quant Time: Mar 22 02:23:20 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

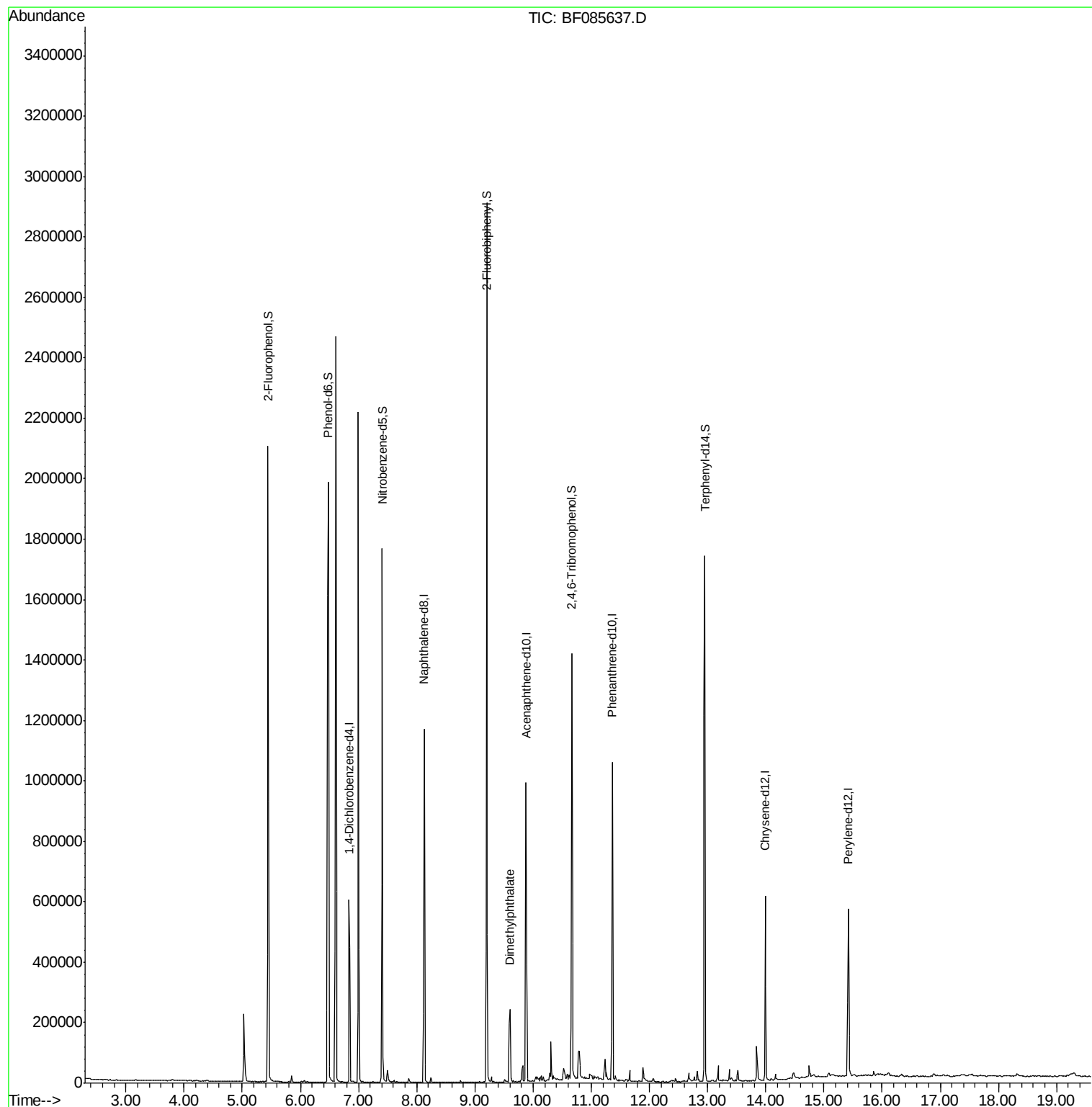
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121808	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	512504	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	208455	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	349899	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	242272	20.00	ng	-0.02
86) Perylene-d12	15.42	264	240018	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	762390	105.13	ng	-0.01
7) Phenol-d6	6.48	99	1064107	114.41	ng	-0.01
23) Nitrobenzene-d5	7.41	82	632886	71.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	179936	88.12	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	904119	70.98	ng	-0.02
78) Terphenyl-d14	12.95	244	704021	69.93	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.60	163	141728	9.01	ng	Qvalue 98

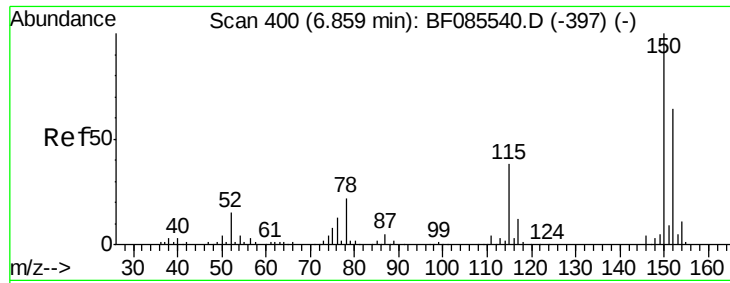
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

Instrument :

BNA_F

ClientSampleId :

EAST-WALL(3-5)

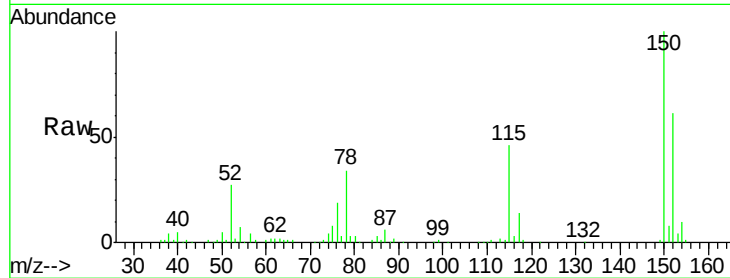
Tgt Ion:152 Resp: 121808

Ion Ratio Lower Upper

152 100

150 163.6 124.2 186.2

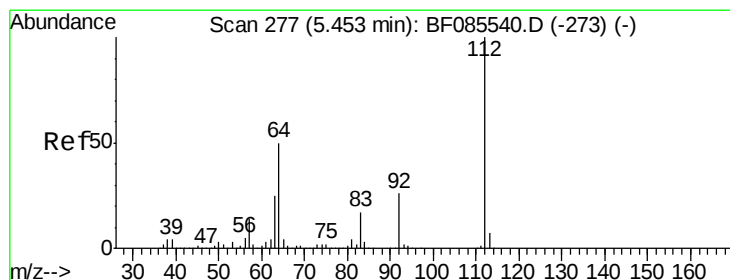
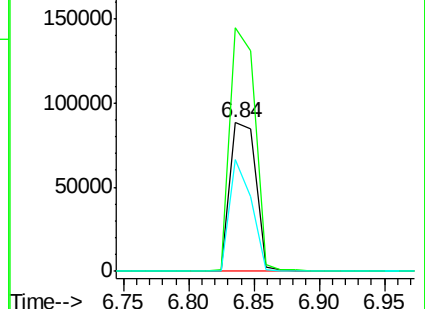
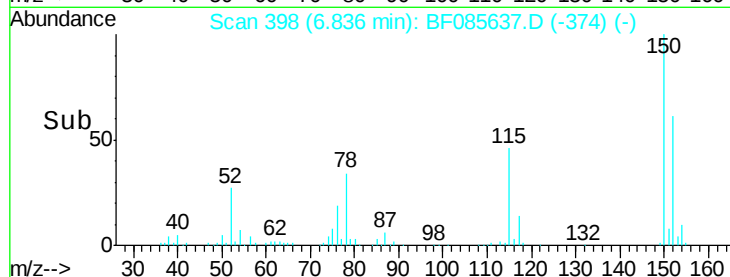
115 75.5 47.0 70.6#



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: 105.13 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

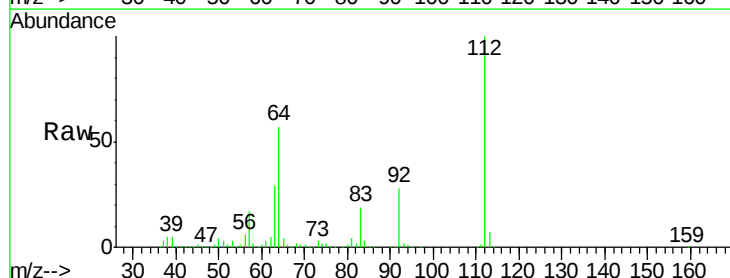
Tgt Ion:112 Resp: 762390

Ion Ratio Lower Upper

112 100

64 57.2 39.9 59.9

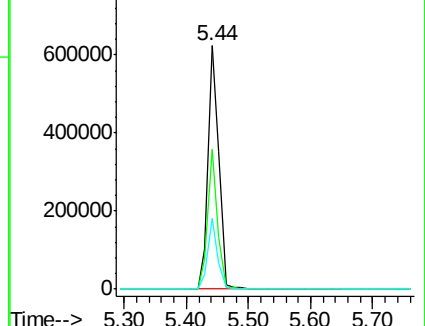
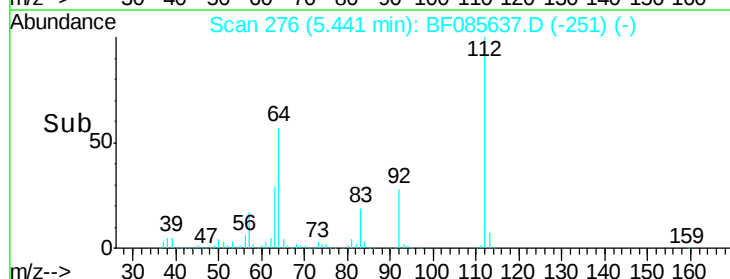
63 29.1 20.2 30.2



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: 114.41 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

Instrument :

BNA_F

ClientSampleId :

EAST-WALL(3-5)

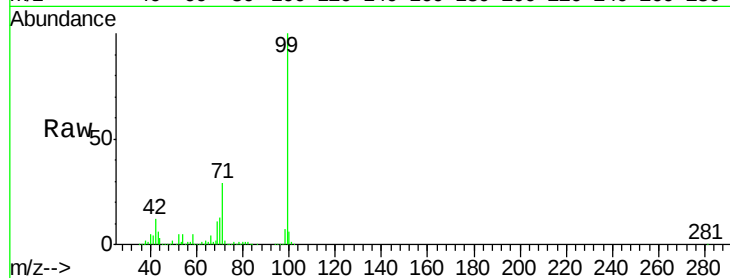
Tgt Ion: 99 Resp: 1064107

Ion Ratio Lower Upper

99 100

42 12.0 11.1 16.7

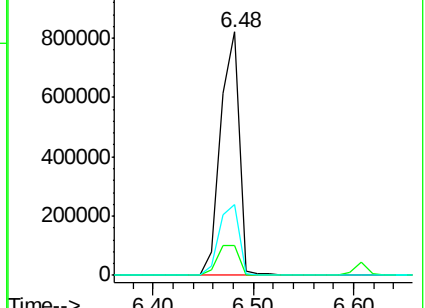
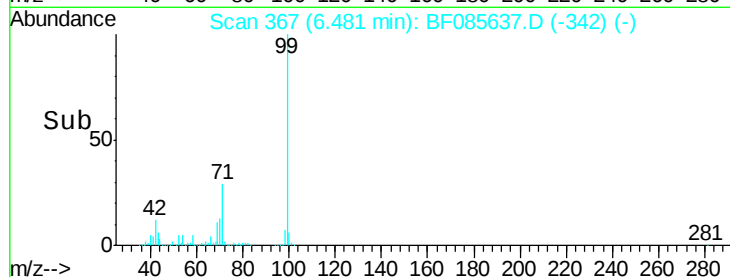
71 29.2 24.9 37.3



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

Tgt Ion: 136 Resp: 512504

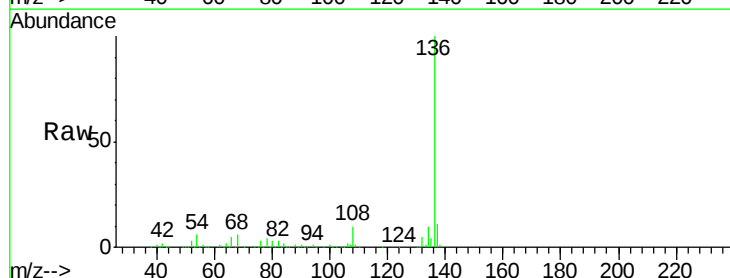
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 7.4 11.0#

68 5.5 5.8 8.8#

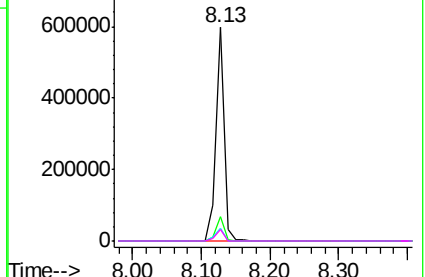
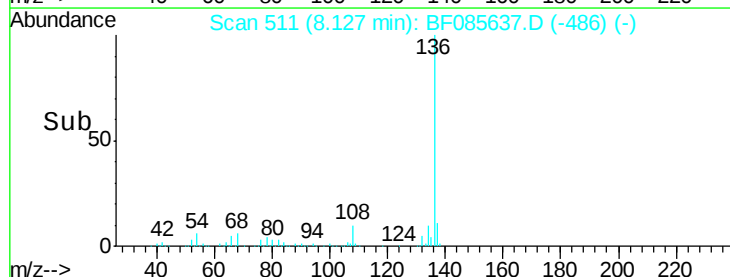


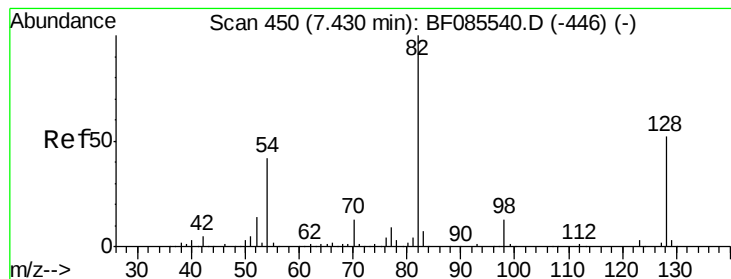
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.68 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

Instrument :

BNA_F

ClientSampleId :

EAST-WALL(3-5)

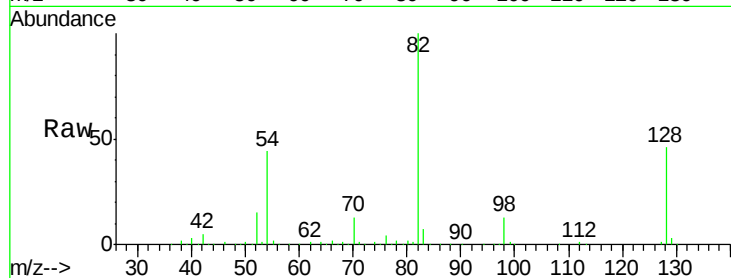
Tgt Ion: 82 Resp: 632886

Ion Ratio Lower Upper

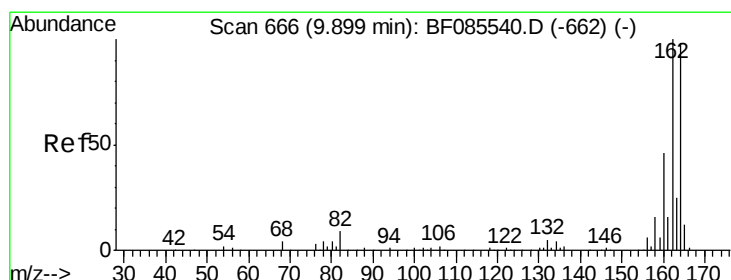
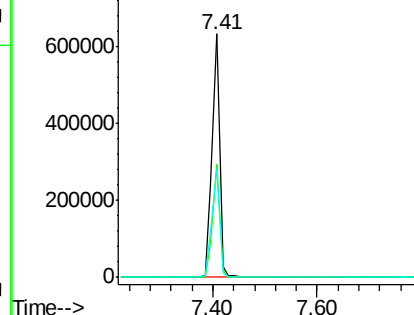
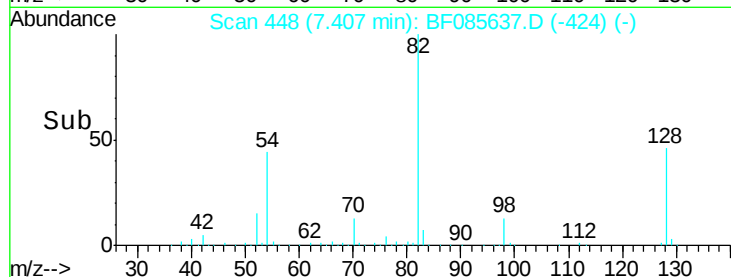
82 100

128 46.2 41.8 62.8

54 44.5 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

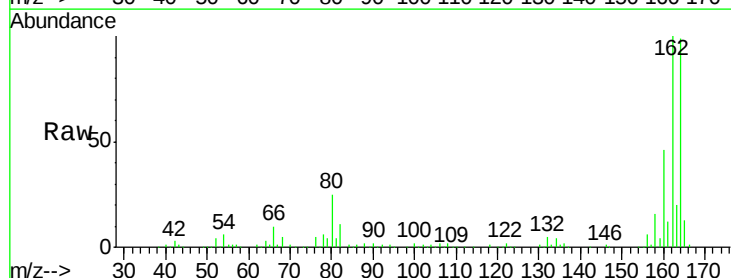
Tgt Ion: 164 Resp: 208455

Ion Ratio Lower Upper

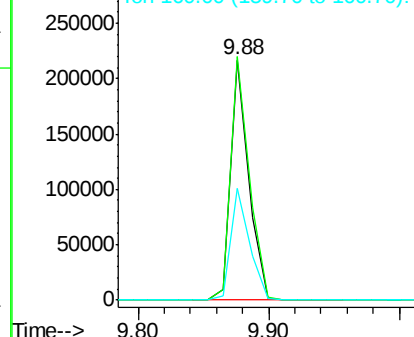
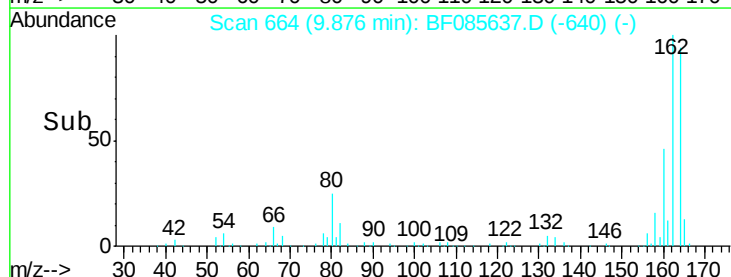
164 100

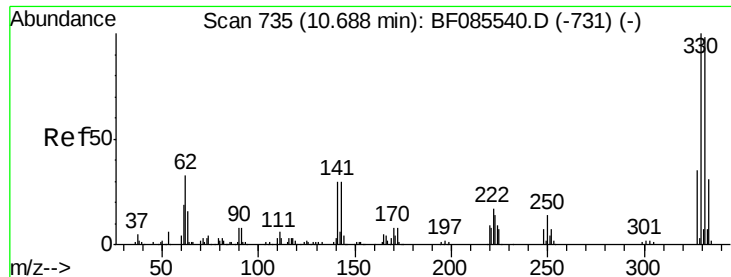
162 101.4 82.1 123.1

160 46.4 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

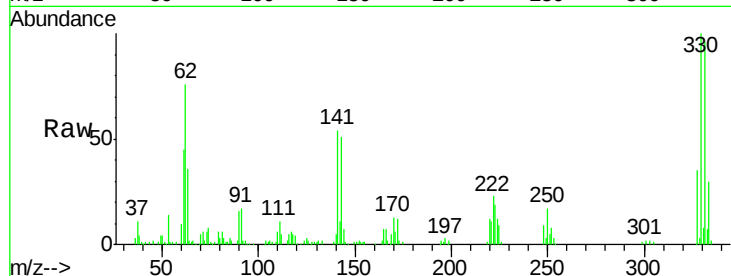




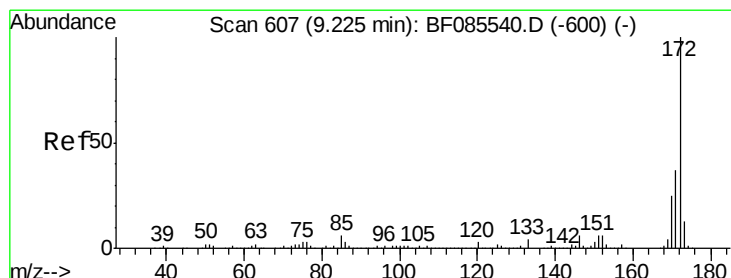
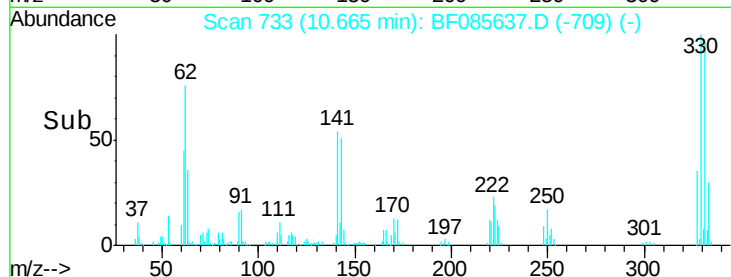
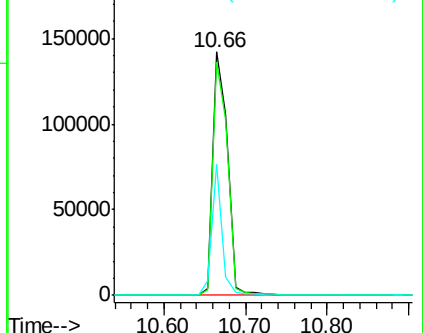
#41
 2,4,6-Tribromophenol
 Concen: 88.12 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085637.D
 Acq: 21 Mar 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 EAST-WALL(3-5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	37.8	31.5	47.3

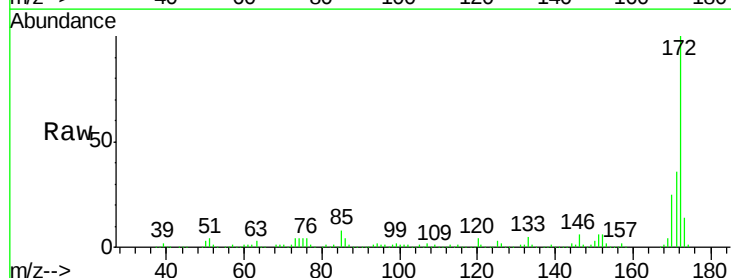


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

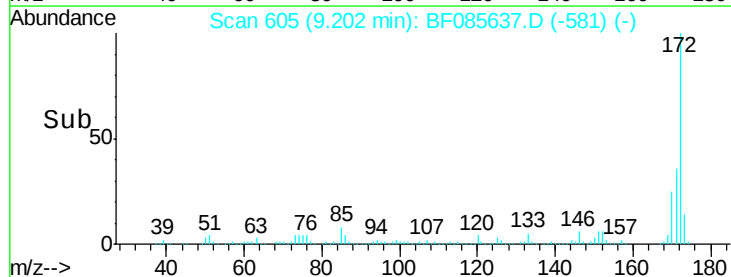
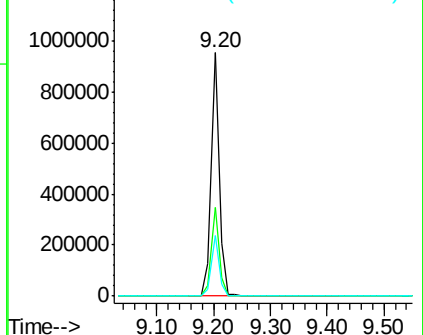


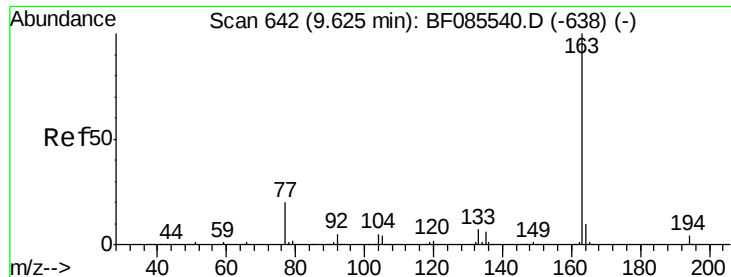
#44
 2-Fluorobiphenyl
 Concen: 70.98 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085637.D
 Acq: 21 Mar 2016 22:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.8	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: 9.01 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

Instrument :

BNA_F

ClientSampleId :

EAST-WALL(3-5)

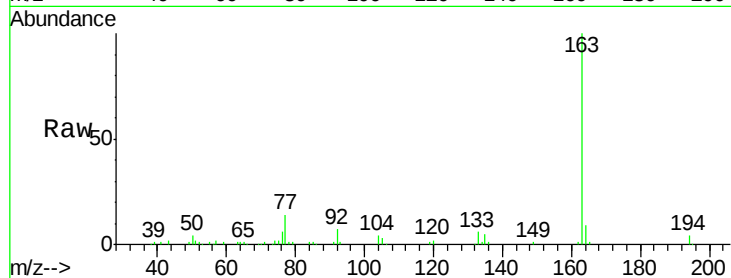
Tgt Ion:163 Resp: 141728

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 9.5 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

150000

100000

50000

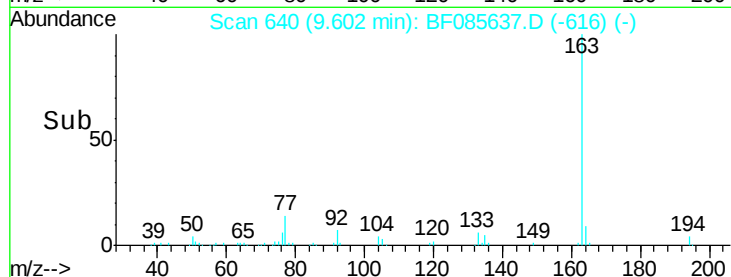
0

9.60

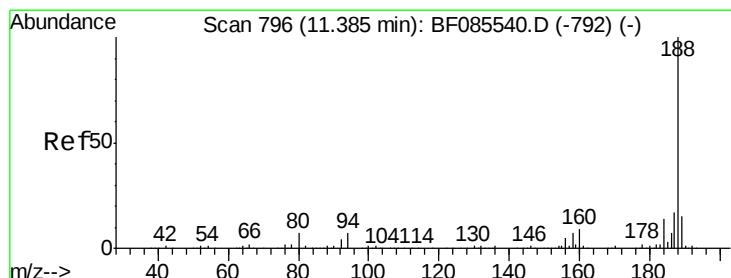
9.50

9.60

9.70



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

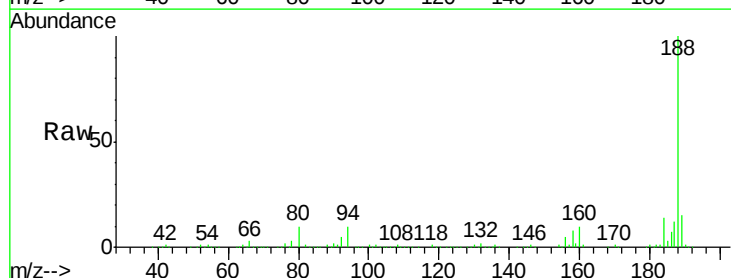
Tgt Ion:188 Resp: 349899

Ion Ratio Lower Upper

188 100

94 9.9 5.4 8.0#

80 10.3 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

500000

400000

300000

200000

100000

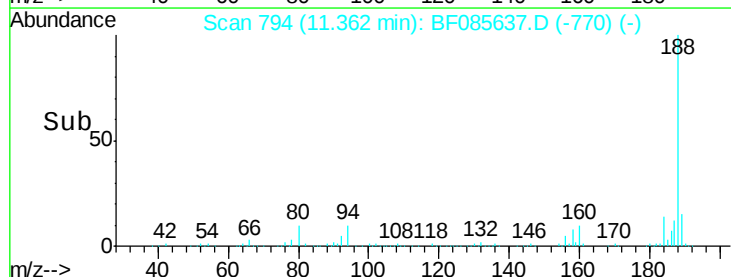
0

11.36

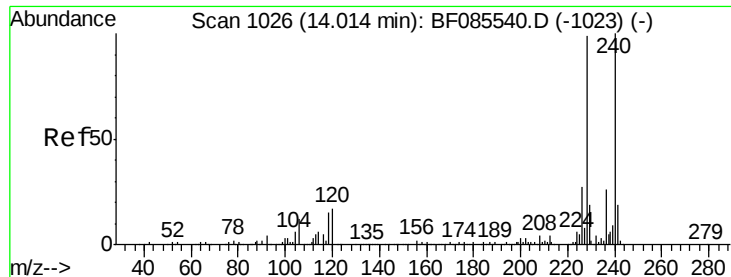
11.30

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: BF085637.D

Acq: 21 Mar 2016 22:18

Instrument :

BNA_F

ClientSampleId :

EAST-WALL(3-5)

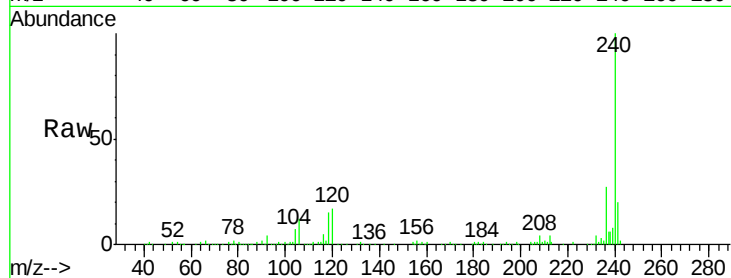
Tgt Ion:240 Resp: 242272

Ion Ratio Lower Upper

240 100

120 17.3 13.8 20.8

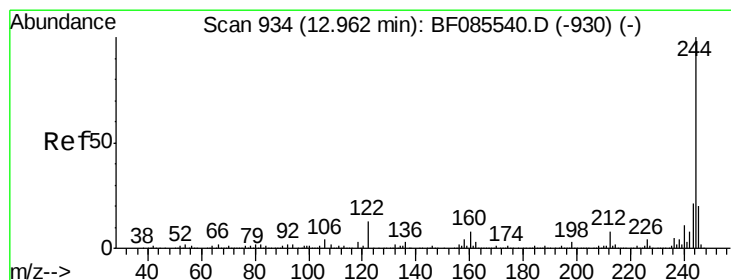
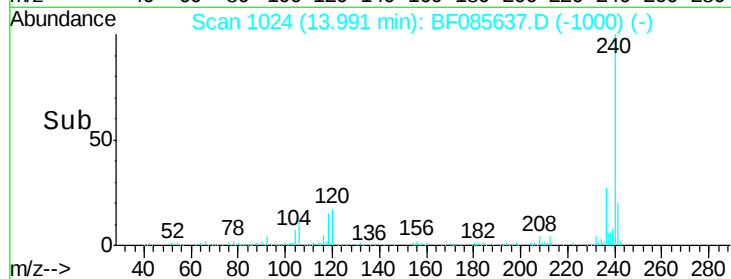
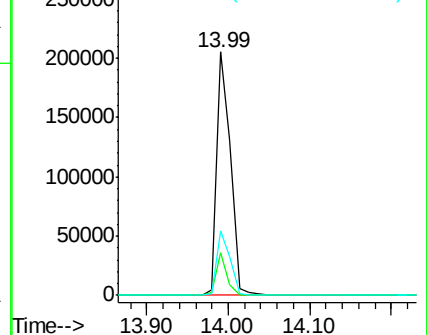
236 26.6 20.6 30.8



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



#78

Terphenyl-d14

Concen: 69.93 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085637.D

Acq: 21 Mar 2016 22:18

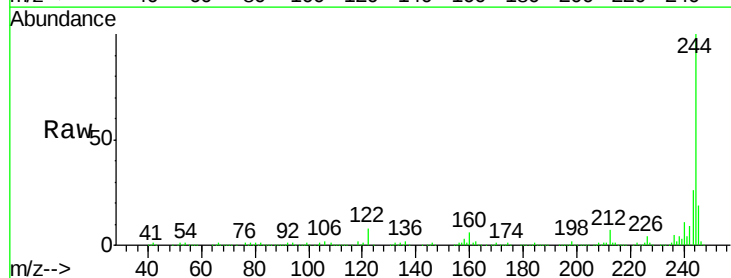
Tgt Ion:244 Resp: 704021

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

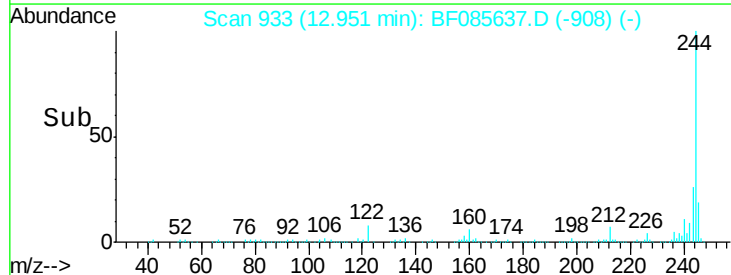
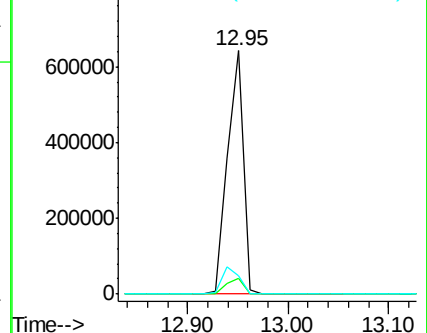
122 7.7 10.2 15.4#

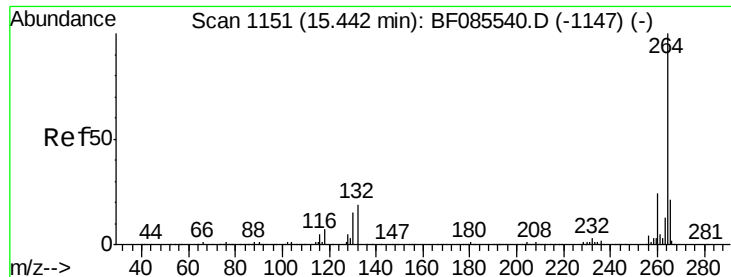


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085637.D
Acq: 21 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
EAST-WALL(3-5)

Tgt Ion: 264 Resp: 240018
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.3 17.2 25.8

