

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085646.D
 Acq On : 22 Mar 2016 4:49
 Operator : UM/SJ
 Sample : H1840-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

Quant Time: Mar 22 05:55:00 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

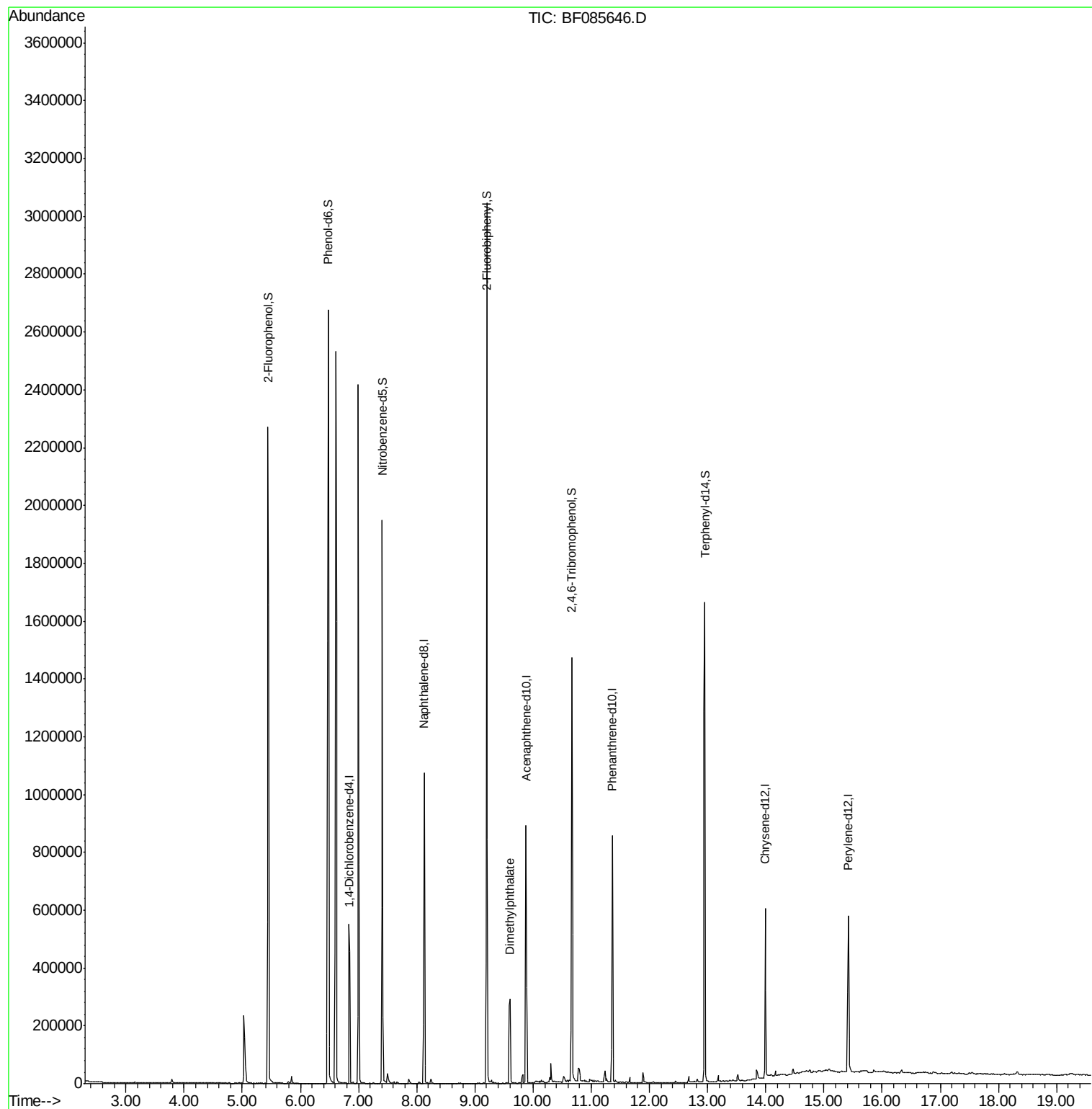
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118330	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	472802	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	184311	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	294115	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	231729	20.00	ng	-0.02
86) Perylene-d12	15.42	264	239945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1004182	142.54	ng	-0.01
7) Phenol-d6	6.48	99	1191457	131.86	ng	-0.01
23) Nitrobenzene-d5	7.41	82	696152	85.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	193971	107.44	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1030089	99.61	ng	-0.02
78) Terphenyl-d14	12.95	244	702542	72.95	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.60	163	183746	13.21	ng	Qvalue 98

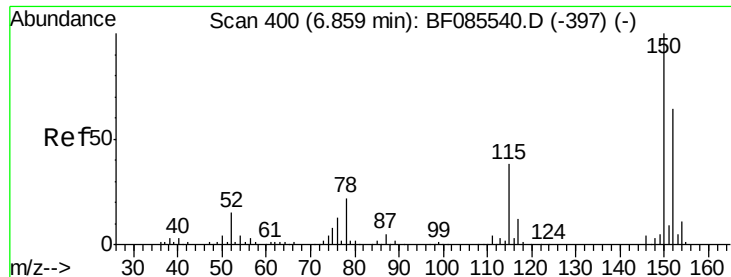
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

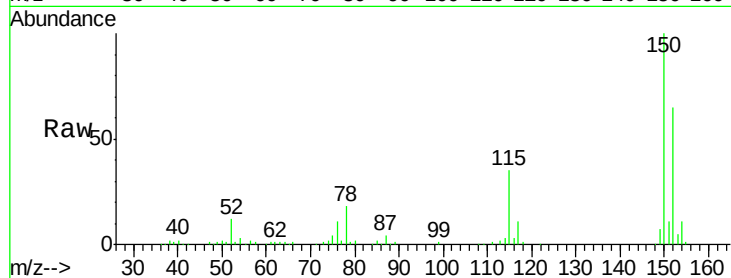
Tgt Ion:152 Resp: 118330

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

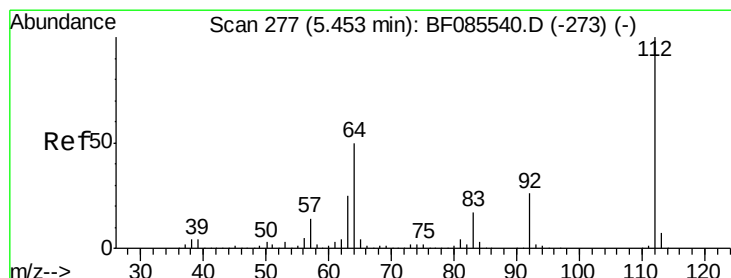
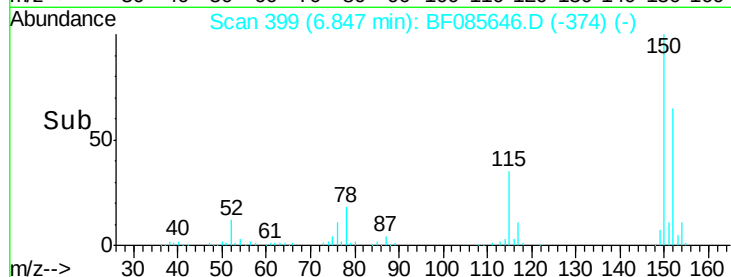
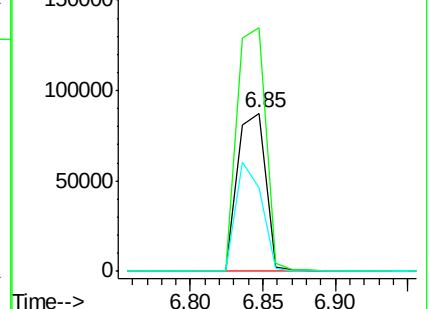
115 53.3 47.0 70.6



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: 142.54 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

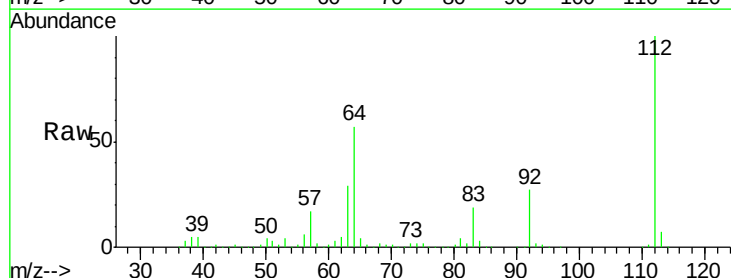
Tgt Ion:112 Resp: 1004182

Ion Ratio Lower Upper

112 100

64 57.0 39.9 59.9

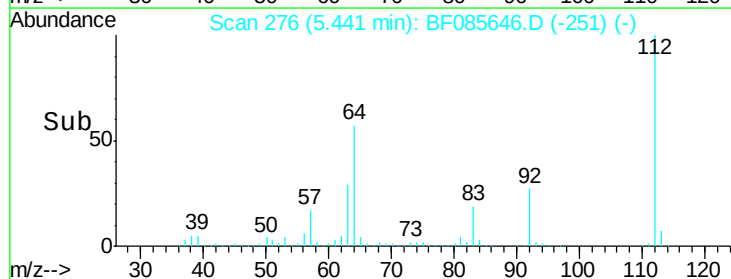
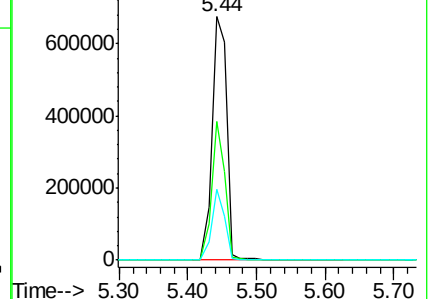
63 28.9 20.2 30.2

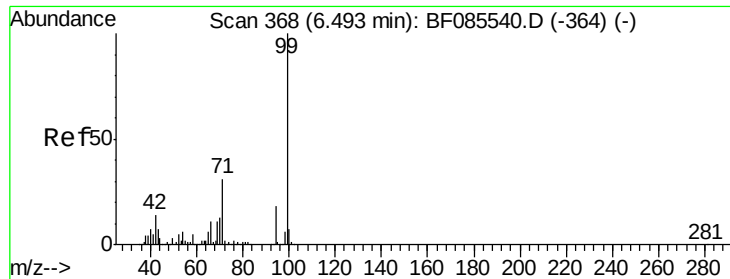


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.86 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

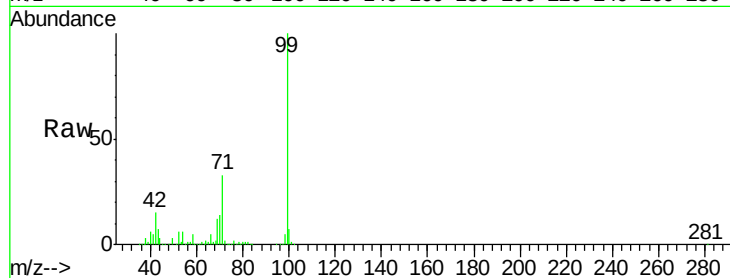
Tgt Ion: 99 Resp: 1191457

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

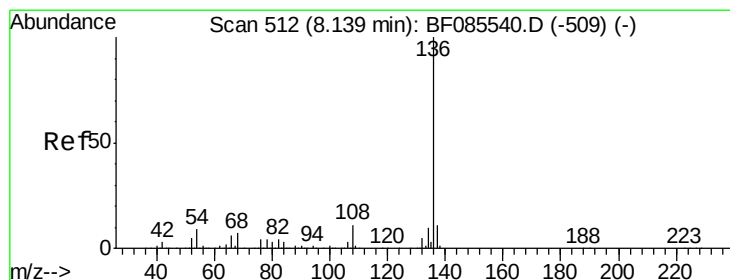
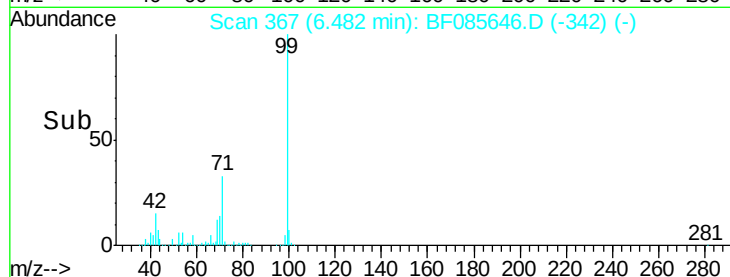
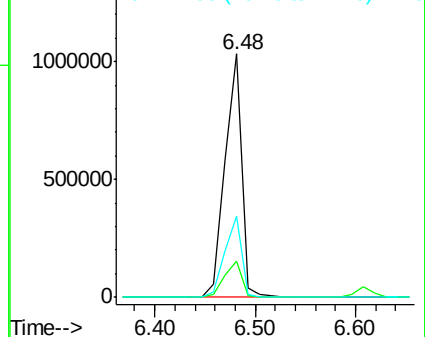
71 33.3 24.9 37.3



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: BF085646.D

Acq: 22 Mar 2016 4:49

Tgt Ion: 136 Resp: 472802

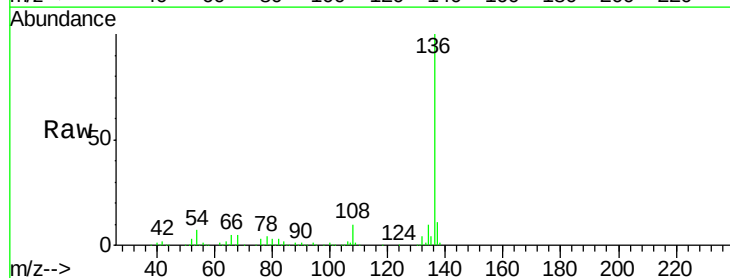
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.6 7.4 11.0#

68 5.5 5.8 8.8#

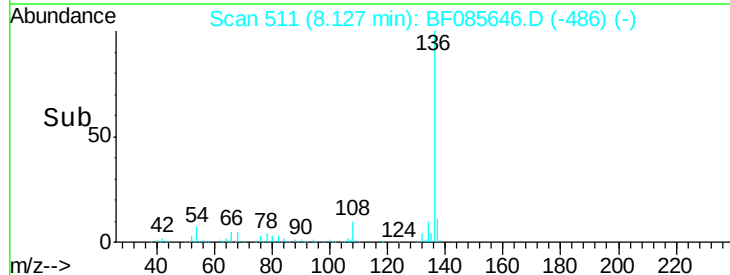
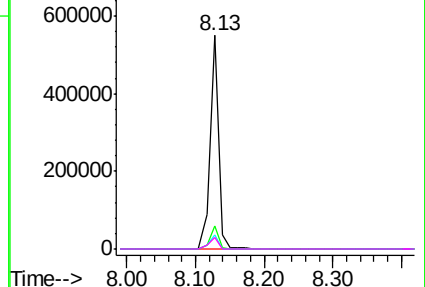


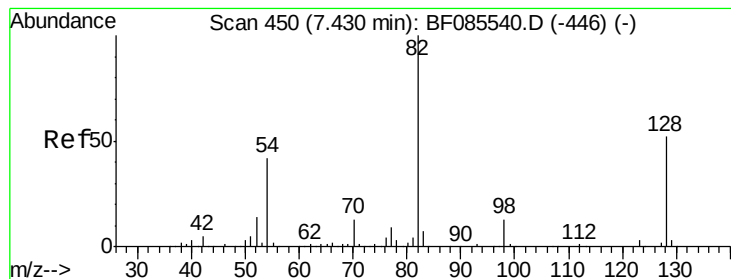
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.47 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

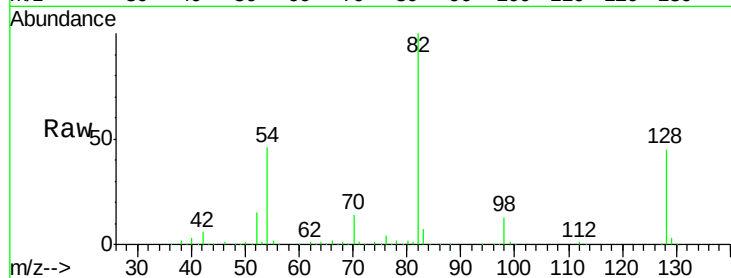
Tgt Ion: 82 Resp: 696152

Ion Ratio Lower Upper

82 100

128 44.5 41.8 62.8

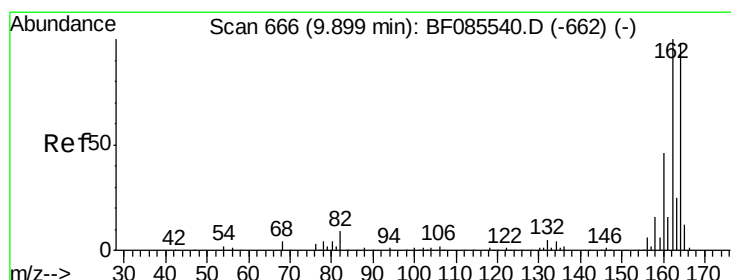
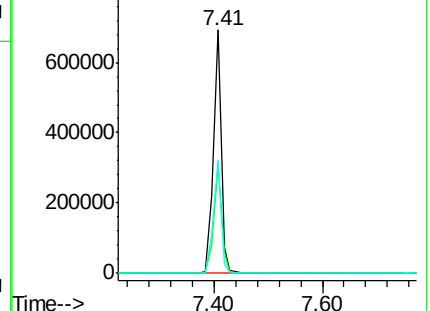
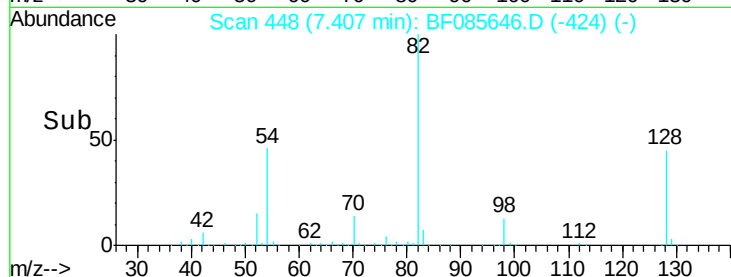
54 46.3 33.4 50.0



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: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

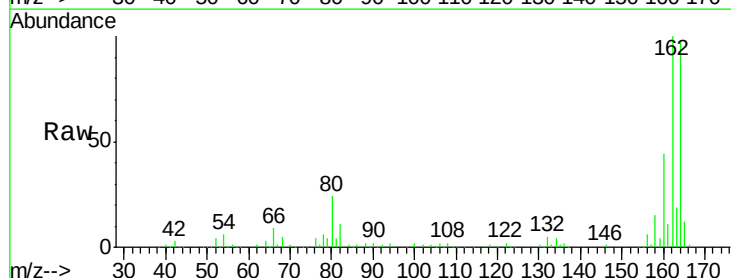
Tgt Ion: 164 Resp: 184311

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

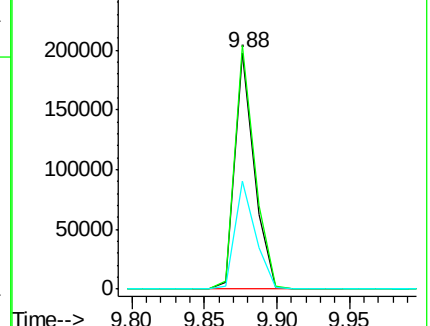
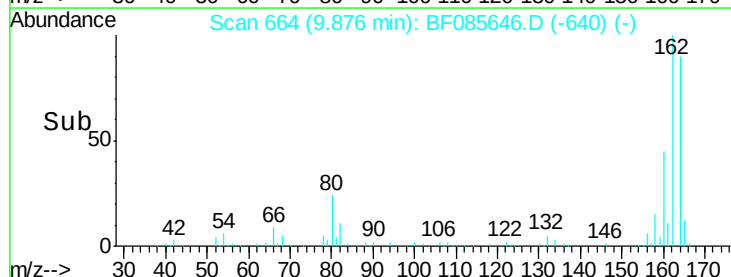
160 45.8 37.4 56.2

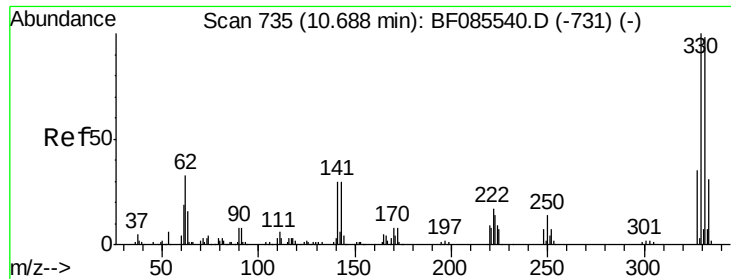


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

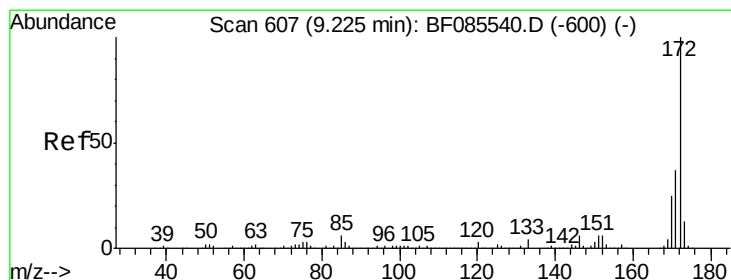
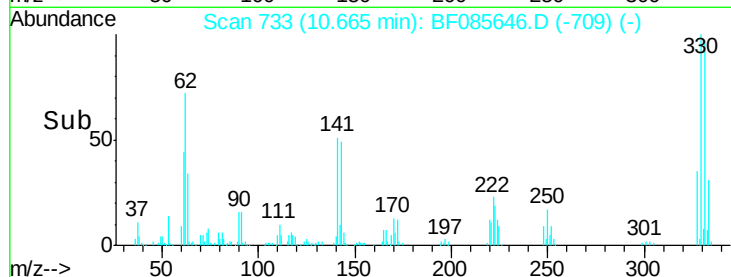
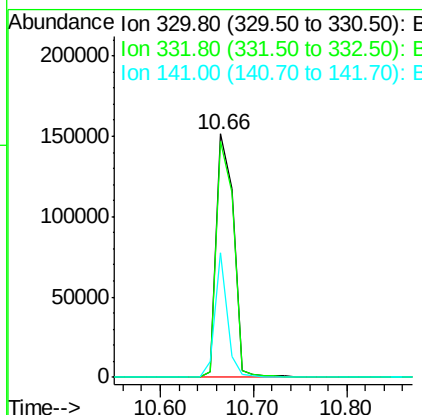
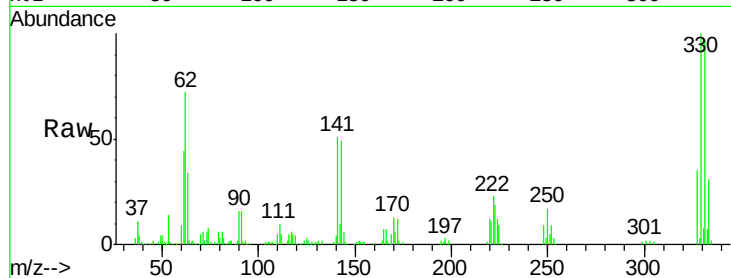




#41
 2,4,6-Tribromophenol
 Concen: 107.44 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

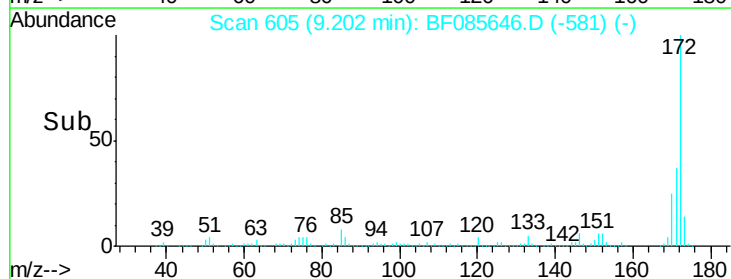
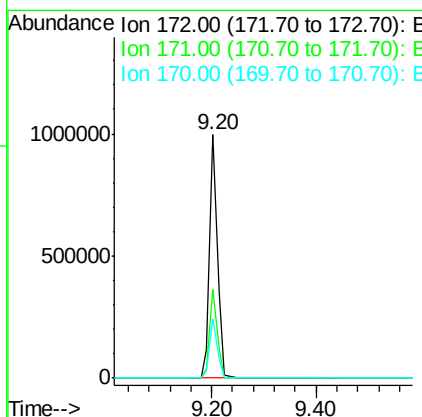
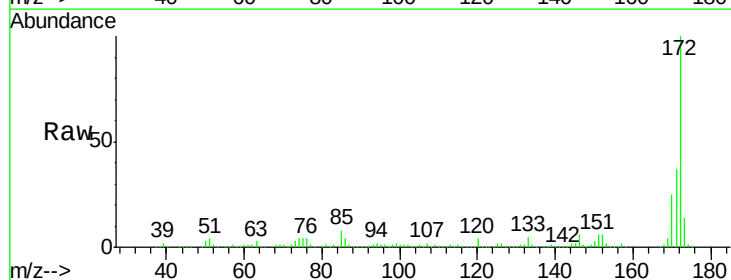
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-11-18.0-19.0

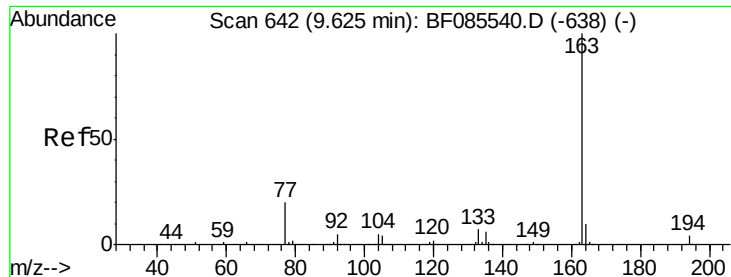
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	36.5	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 99.61 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085646.D
 Acq: 22 Mar 2016 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6





#49

Dimethylphthalate

Concen: 13.21 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

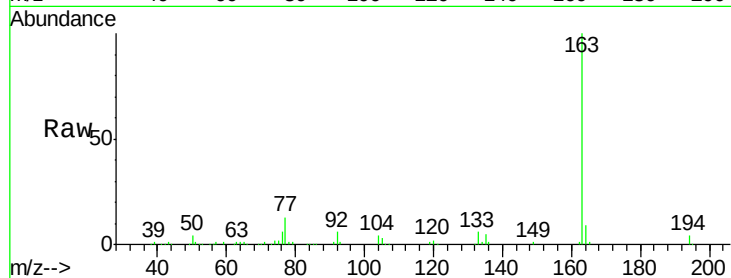
Tgt Ion:163 Resp: 183746

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

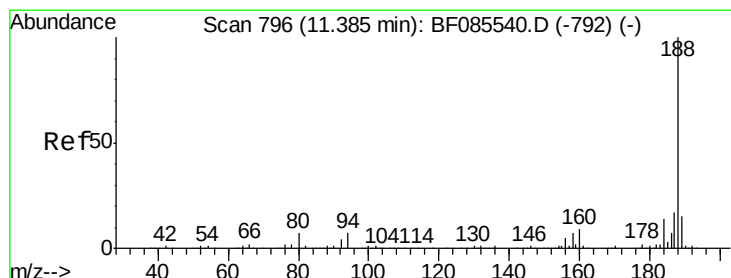
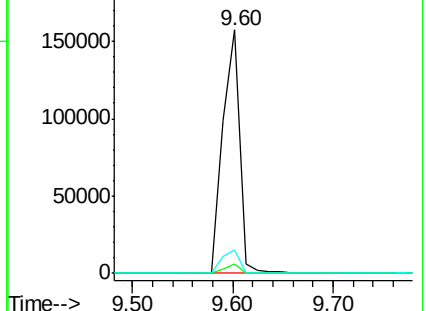
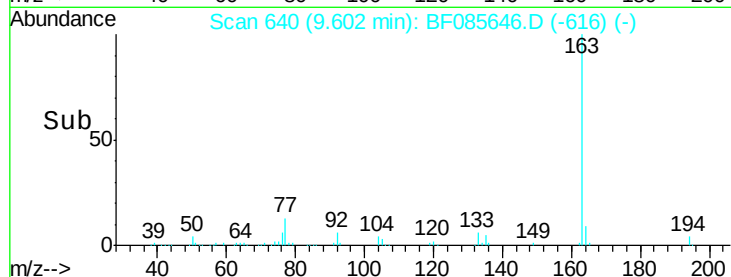
164 9.5 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

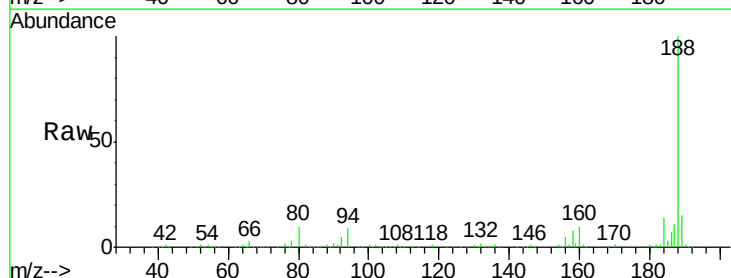
Tgt Ion:188 Resp: 294115

Ion Ratio Lower Upper

188 100

94 9.4 5.4 8.0#

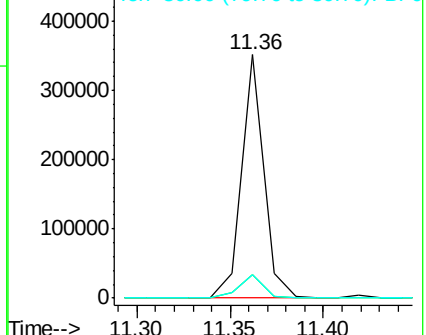
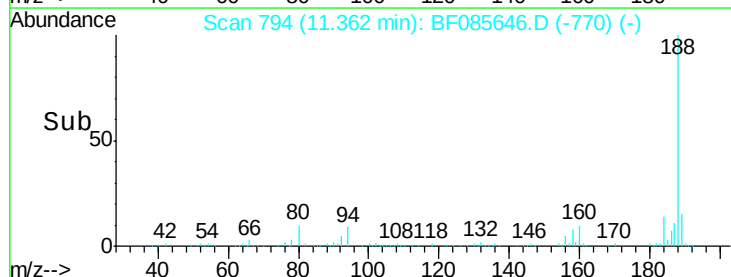
80 9.8 5.5 8.3#

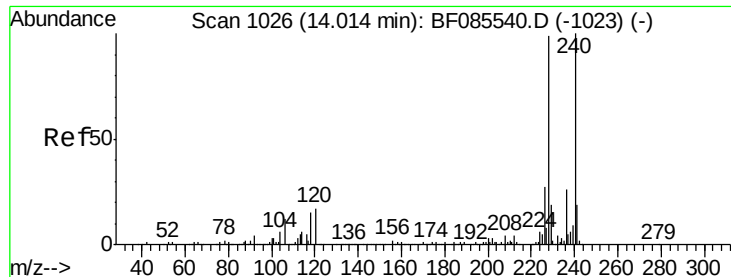


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

Instrument :

BNA_F

ClientSampleId :

PJ-SB-11-18.0-19.0

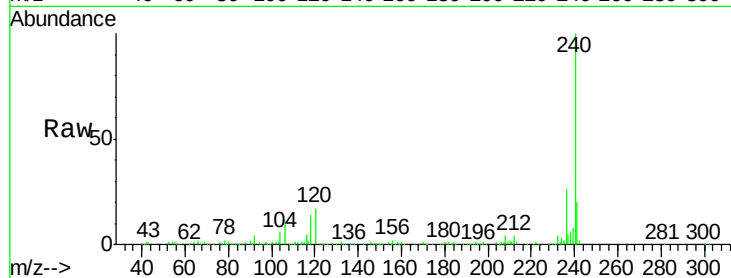
Tgt Ion:240 Resp: 231729

Ion Ratio Lower Upper

240 100

120 16.8 13.8 20.8

236 26.1 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

250000

200000

150000

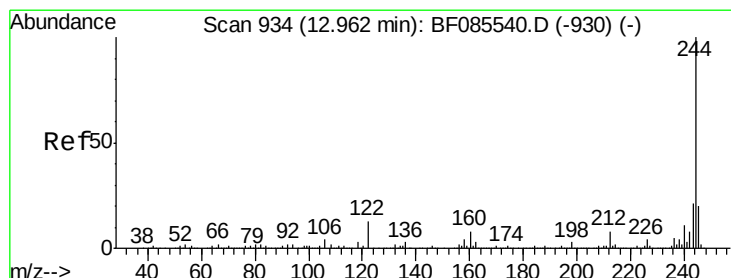
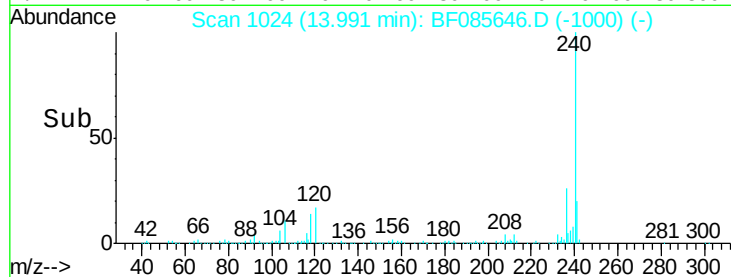
100000

50000

0

13.90 14.00 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 72.95 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085646.D

Acq: 22 Mar 2016 4:49

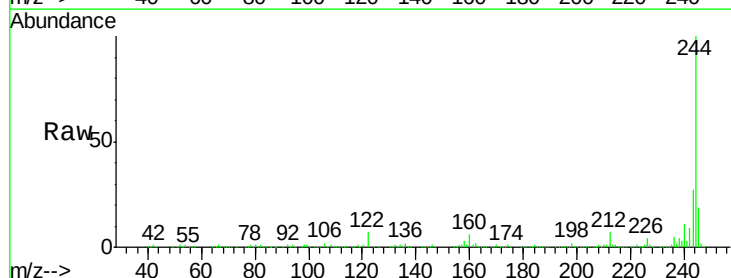
Tgt Ion:244 Resp: 702542

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

122 7.4 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

800000

600000

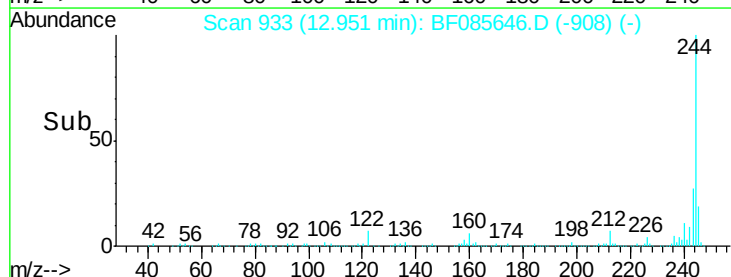
400000

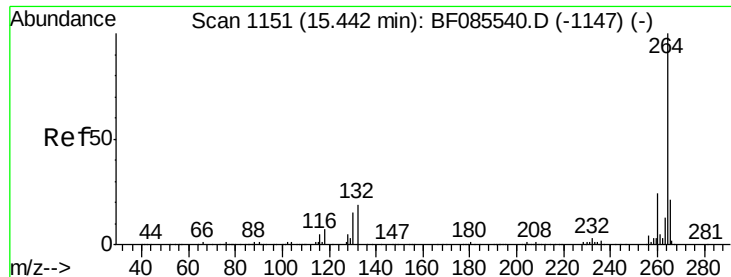
200000

0

12.90 13.00 13.10

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085646.D
Acq: 22 Mar 2016 4:49

Instrument :
BNA_F
ClientSampleId :
PJ-SB-11-18.0-19.0

Tgt Ion: 264 Resp: 239945
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.4 17.2 25.8

