

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085410.D
 Acq On : 12 Mar 2016 10:20
 Operator : UM/SJ
 Sample : H1731-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Mar 14 01:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

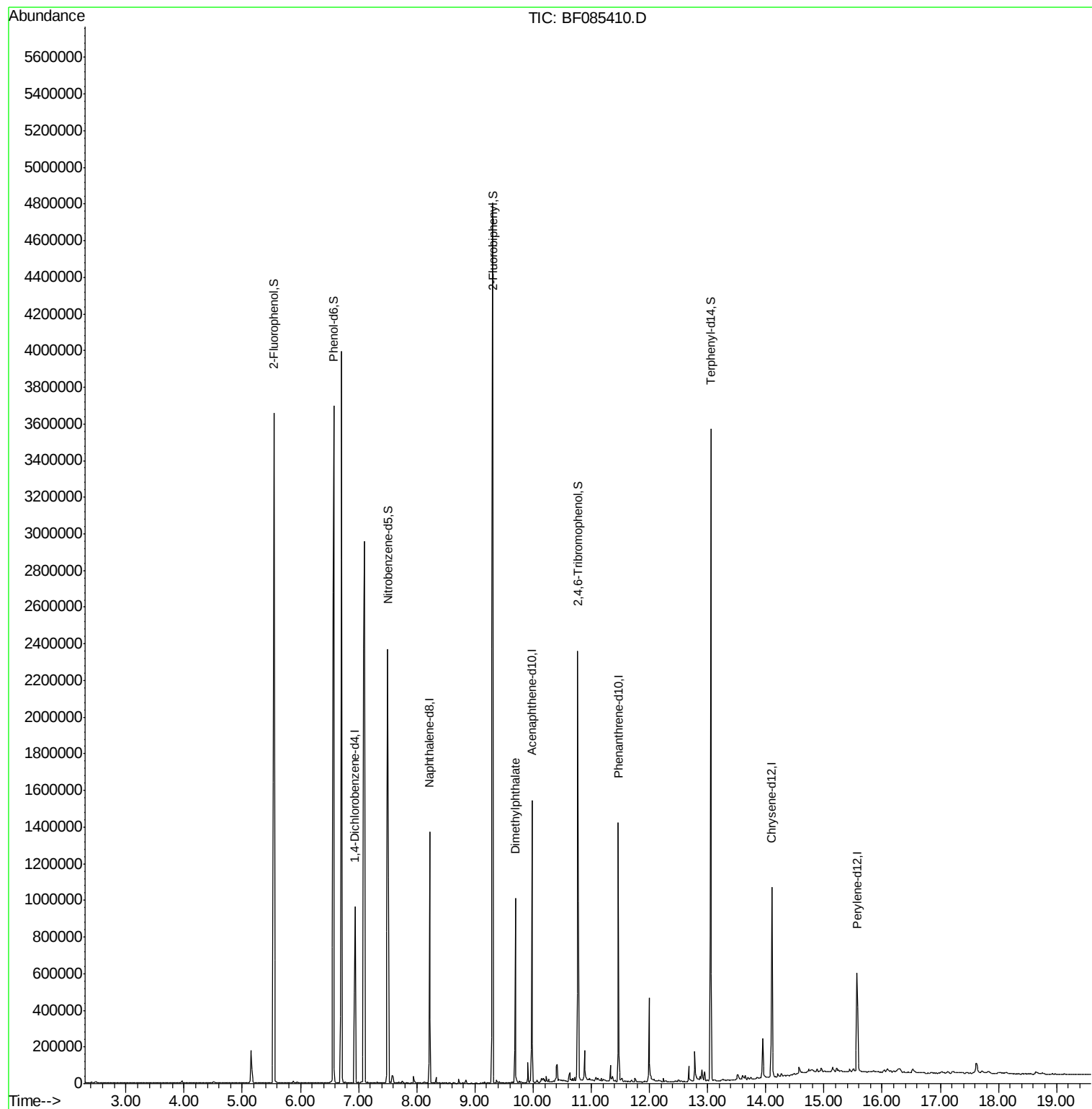
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	169853	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	627154	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	280075	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	466461	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	312849	20.00	ng	-0.05
86) Perylene-d12	15.57	264	250805	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1276675	126.08	ng	-0.03
7) Phenol-d6	6.57	99	1863400	140.46	ng	-0.03
23) Nitrobenzene-d5	7.50	82	1057934	90.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	353555	147.53	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1702174	92.43	ng	-0.05
78) Terphenyl-d14	13.05	244	1103279	81.87	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.69	163	378303	17.60	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: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

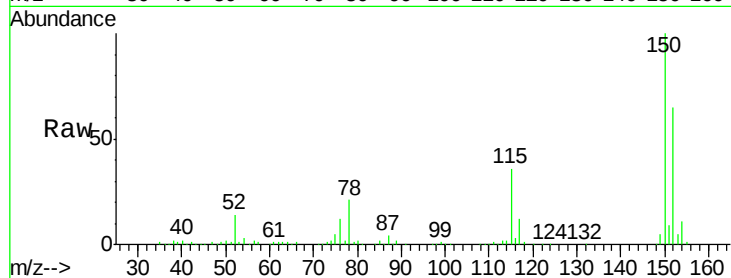
Tgt Ion:152 Resp: 169853

Ion Ratio Lower Upper

152 100

150 153.7 124.6 186.8

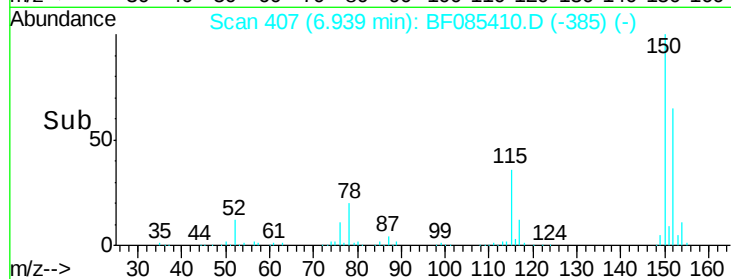
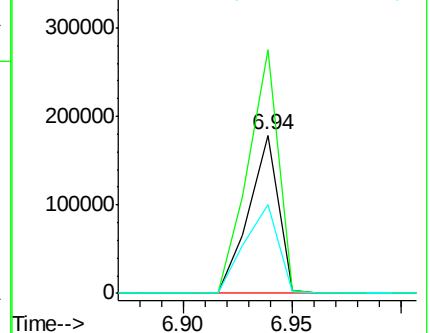
115 56.0 46.6 70.0



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: 126.08 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

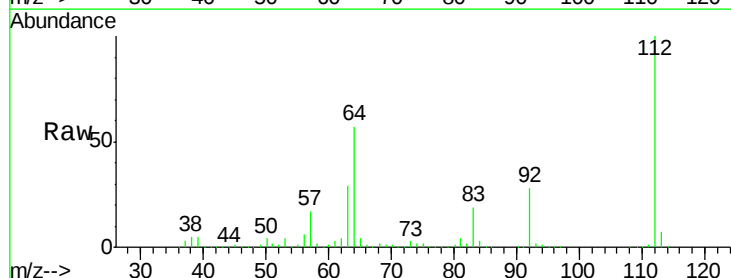
Tgt Ion:112 Resp: 1276675

Ion Ratio Lower Upper

112 100

64 56.9 49.0 73.4

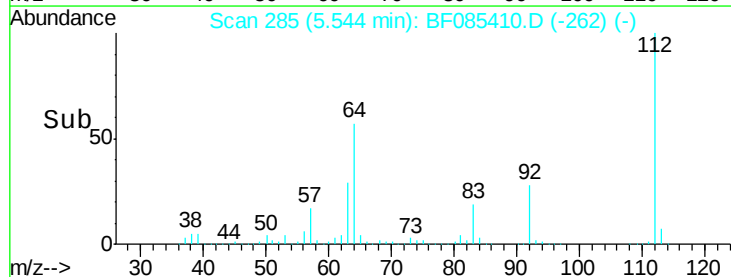
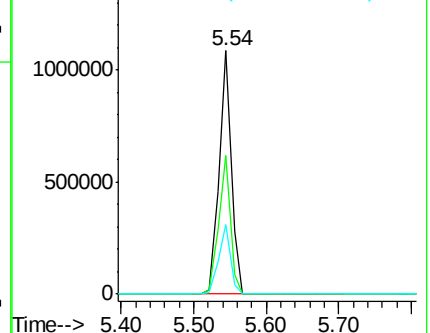
63 28.8 24.8 37.2



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: 140.46 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

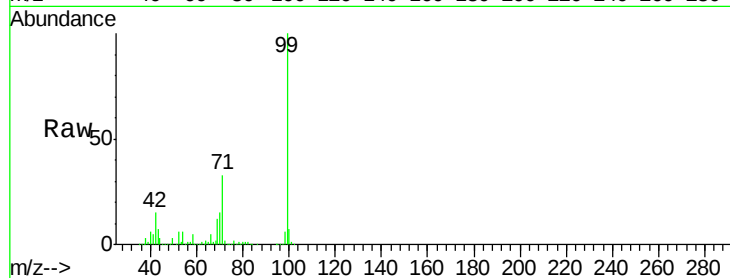
Tgt Ion: 99 Resp: 1863400

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

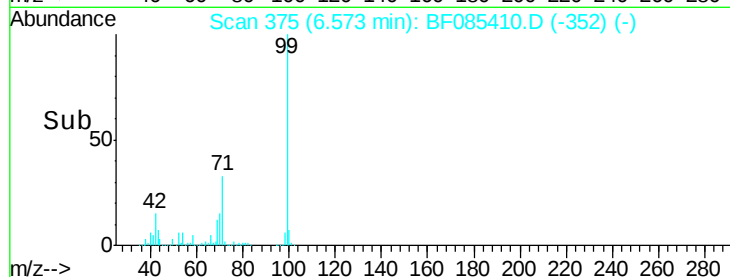
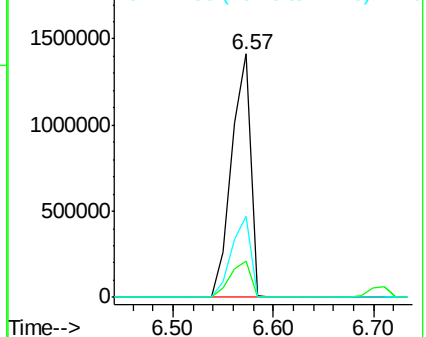
71 33.1 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

Tgt Ion: 136 Resp: 627154

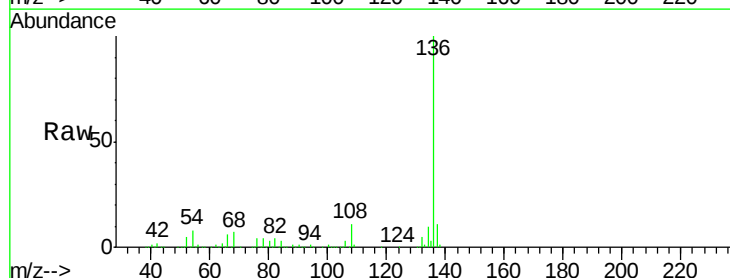
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.2 7.4 11.2

68 6.8 6.0 9.0

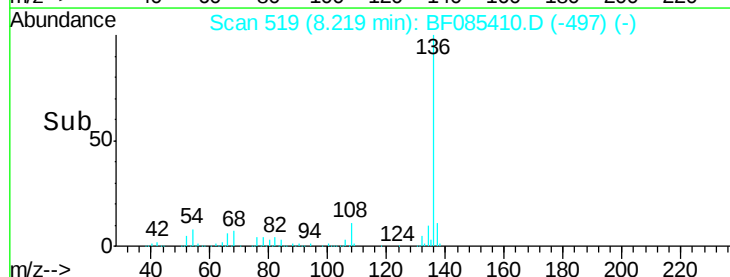
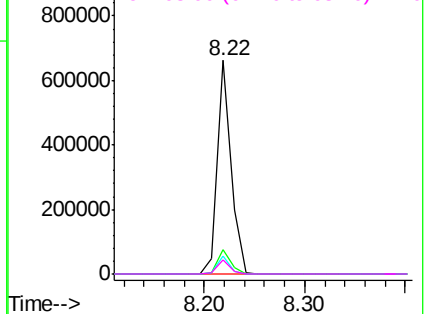


Abundance Ion 136.00 (135.70 to 136.70): E

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

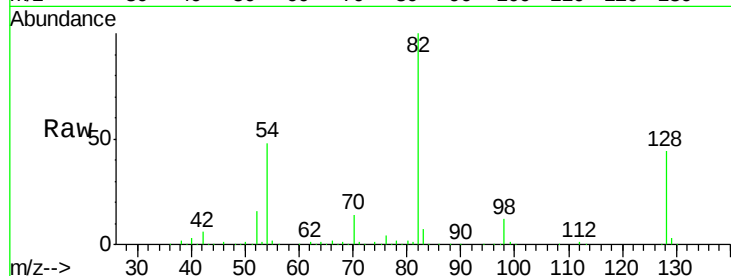




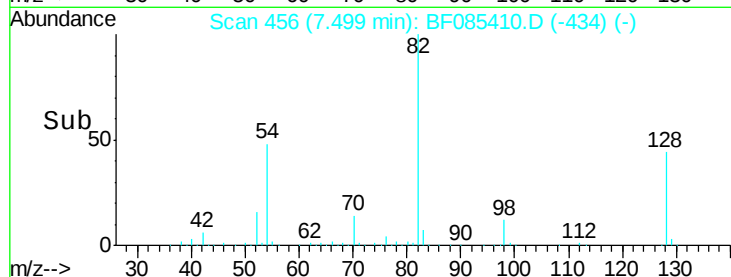
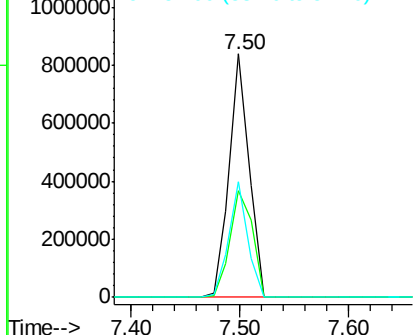
#23
 Nitrobenzene-d5
 Concen: 90.27 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085410.D
 Acq: 12 Mar 2016 10:20

Instrument :
 BNA_F
 ClientSampled :
 SB-17-COMP

Tgt Ion: 82 Resp: 1057934
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.5 51.7
 54 47.5 39.3 58.9

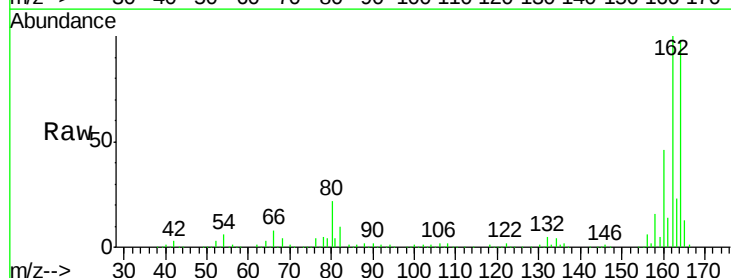


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

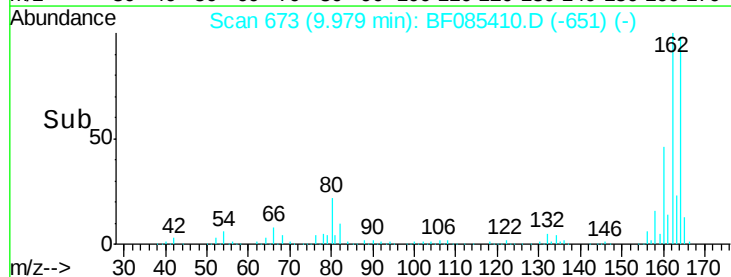
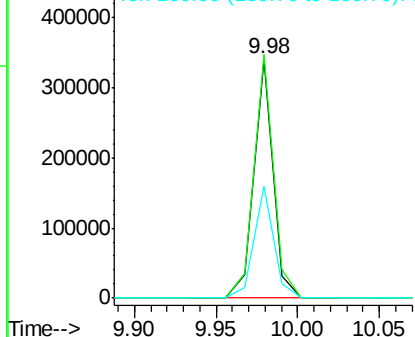


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085410.D
 Acq: 12 Mar 2016 10:20

Tgt Ion: 164 Resp: 280075
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.3 124.9
 160 47.0 37.9 56.9



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

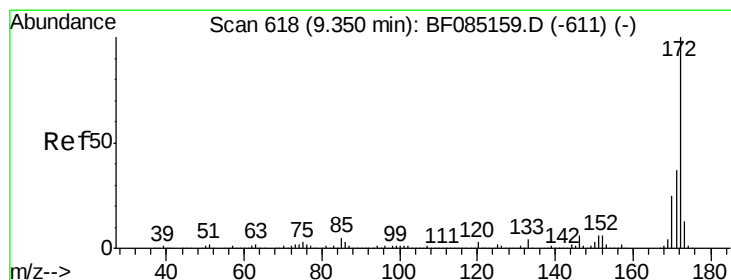
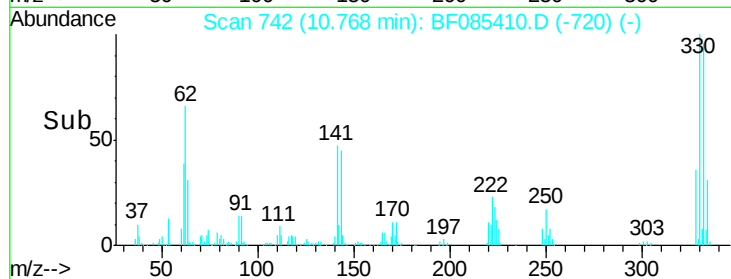
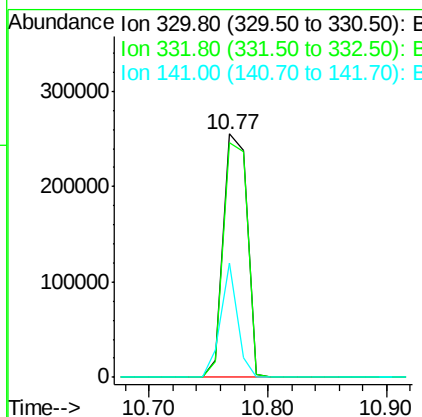
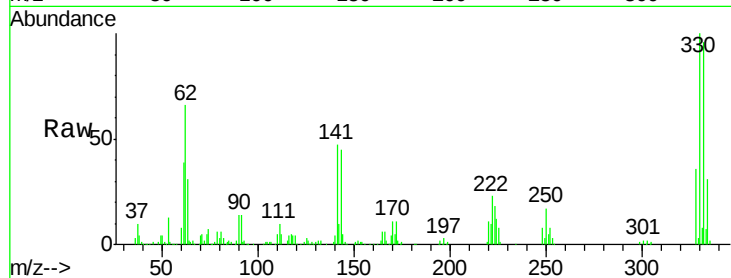




#41
 2,4,6-Tribromophenol
 Concen: 147.53 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085410.D
 Acq: 12 Mar 2016 10:20

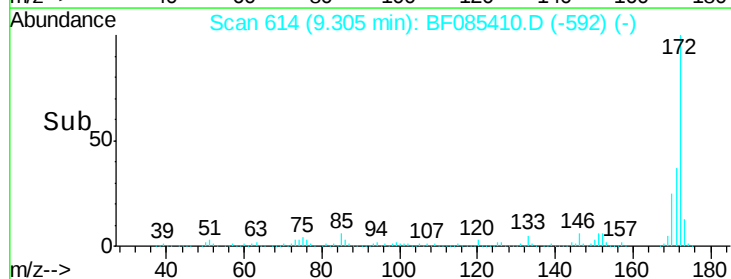
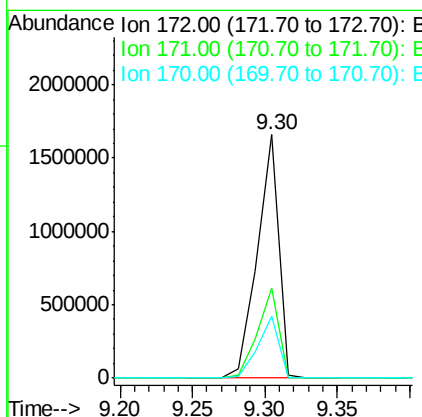
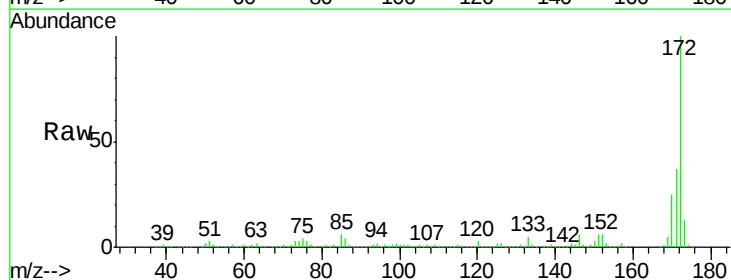
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

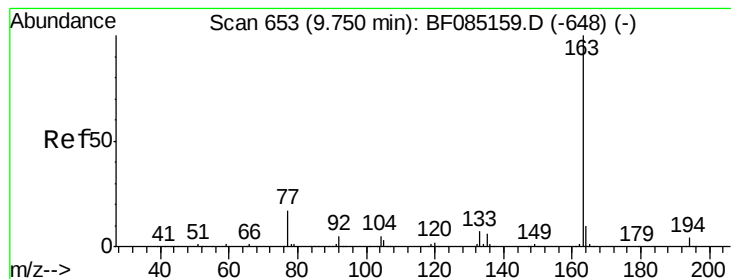
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	33.2	35.0	52.6#



#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085410.D
 Acq: 12 Mar 2016 10:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	25.2	20.0	30.0





#49

Dimethylphthalate

Concen: 17.60 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

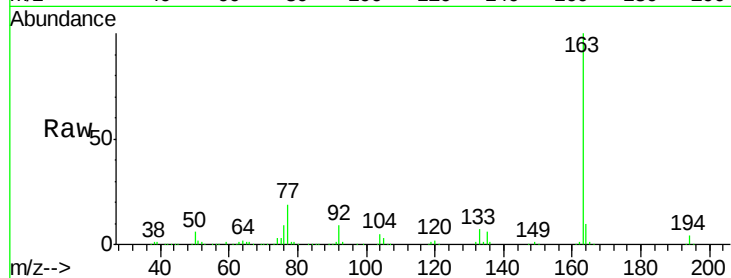
Tgt Ion:163 Resp: 378303

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 9.9 8.2 12.4



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

600000

500000

400000

300000

200000

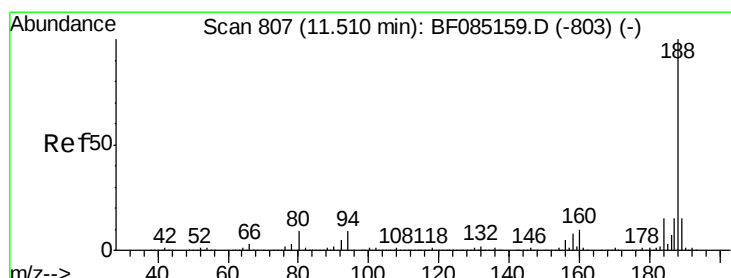
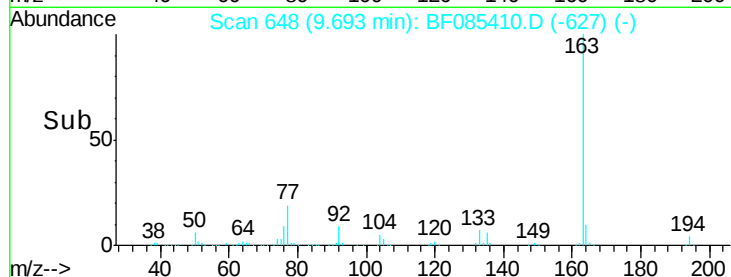
100000

0

9.69

9.60 9.65 9.70 9.75 9.80

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.05 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

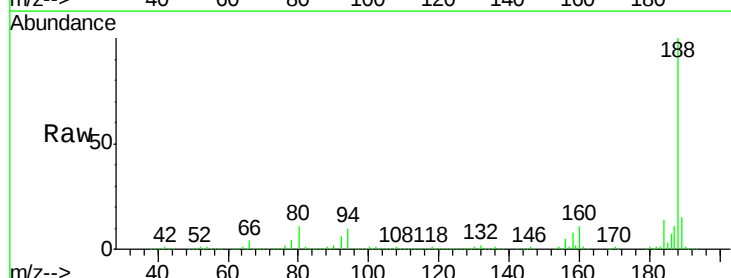
Tgt Ion:188 Resp: 466461

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.9 7.4 11.0



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

600000

400000

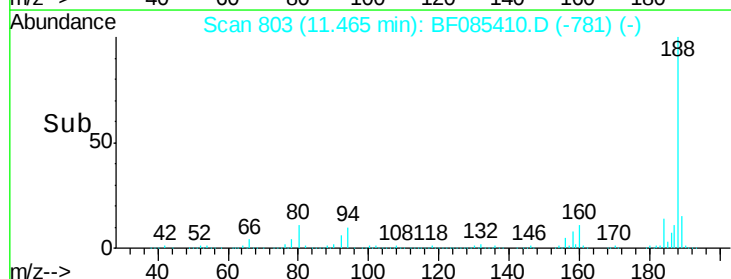
200000

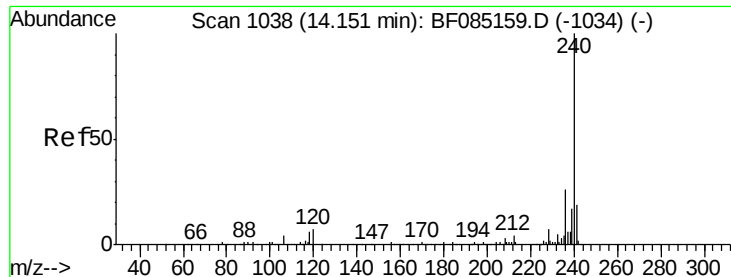
0

11.46

11.40 11.45 11.50

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

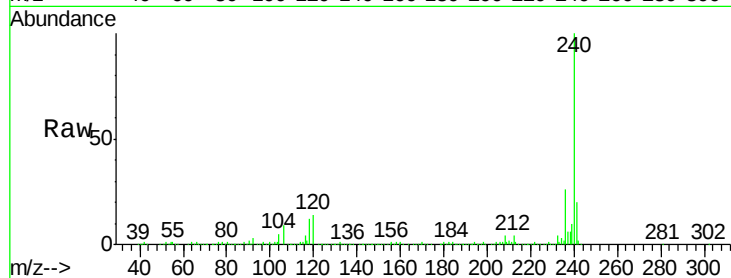
Tgt Ion:240 Resp: 312849

Ion Ratio Lower Upper

240 100

120 14.1 5.3 7.9#

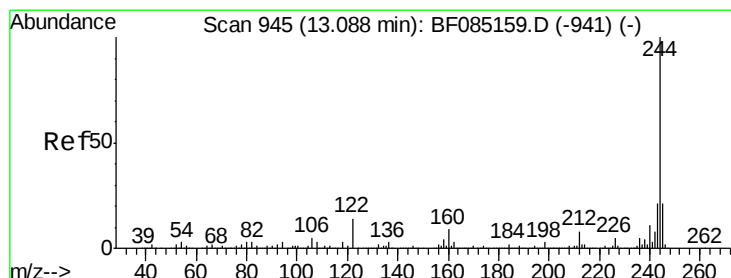
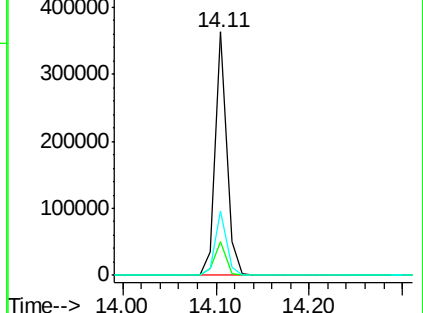
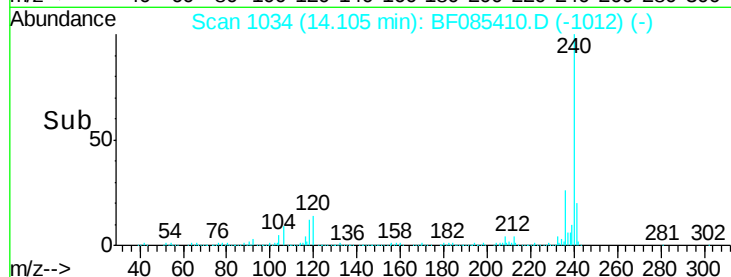
236 26.4 20.7 31.1



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: 81.87 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085410.D

Acq: 12 Mar 2016 10:20

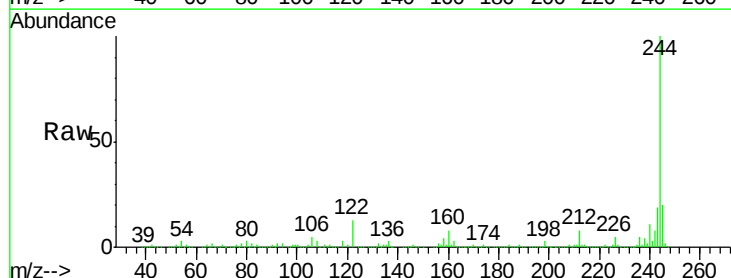
Tgt Ion:244 Resp: 1103279

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

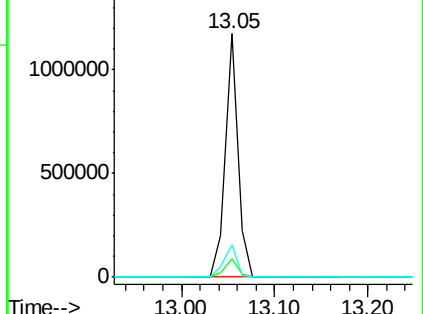
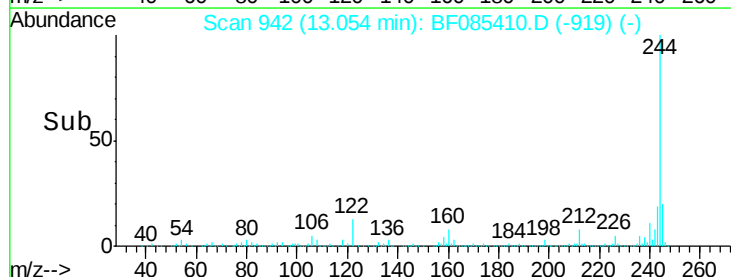
122 13.3 11.4 17.2

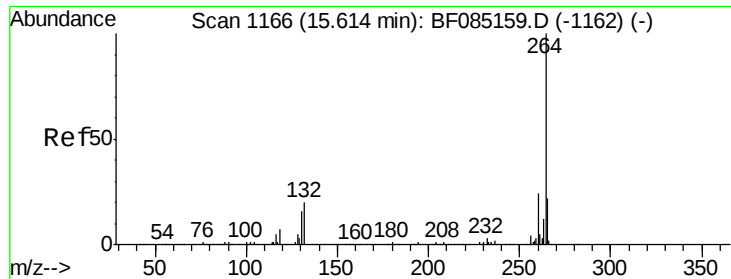


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085410.D
Acq: 12 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion: 264 Resp: 250805
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.6 17.3 25.9

