

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087123.D
 Acq On : 18 May 2016 1:21
 Operator : UM/SJ
 Sample : PB90662BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BL

Quant Time: May 18 03:35:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	129419	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	533500	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	248133	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	518605	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	430625	20.00	ng	-0.02
86) Perylene-d12	15.09	264	368469	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	966872	125.57	ng	-0.01
7) Phenol-d6	6.26	99	1299006	125.79	ng	-0.02
23) Nitrobenzene-d5	7.16	82	819884	76.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	342262	124.82	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1267791	84.62	ng	-0.02
78) Terphenyl-d14	12.70	244	1418411	74.51	ng	-0.01

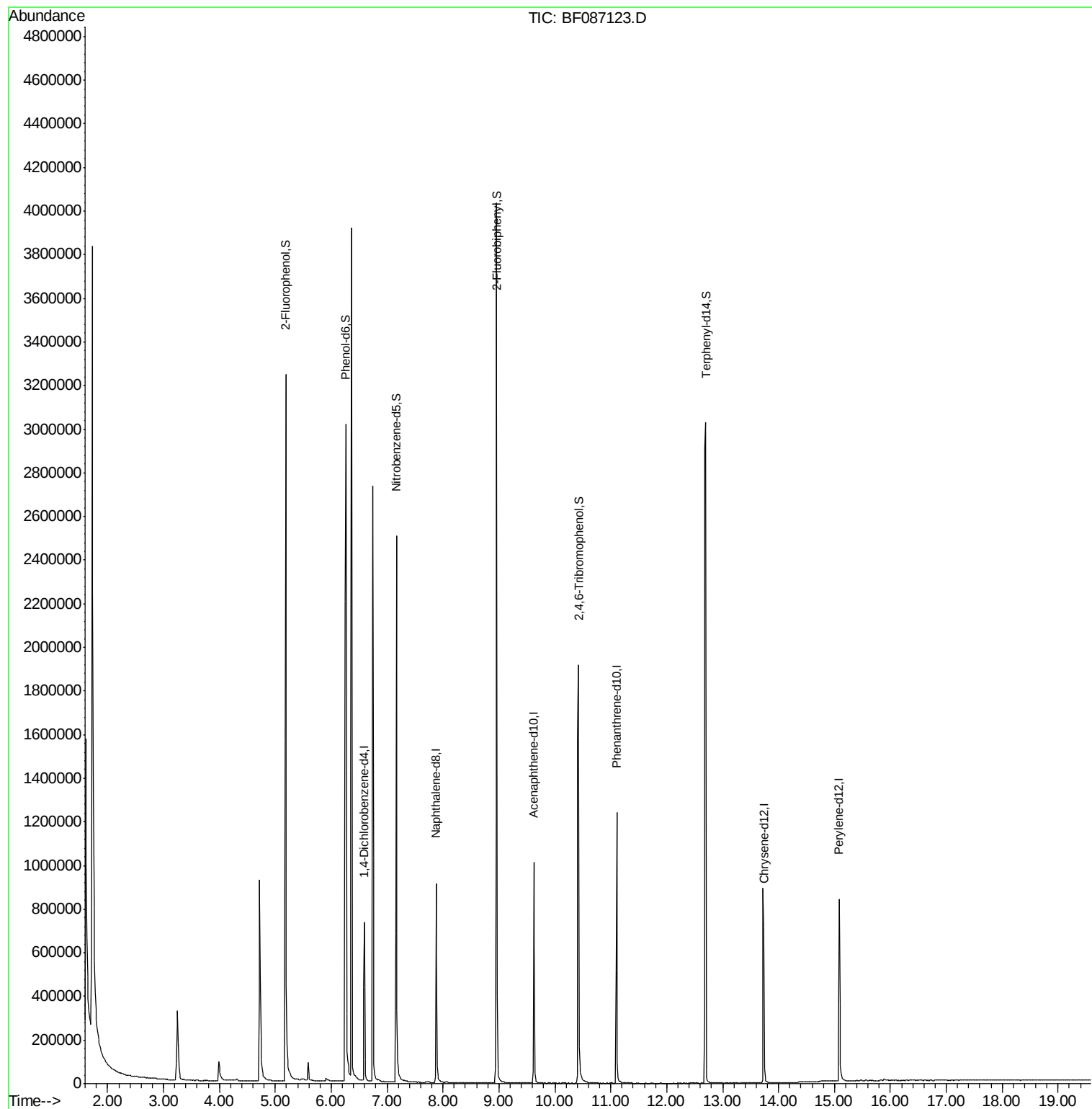
Target Compounds Qvalue

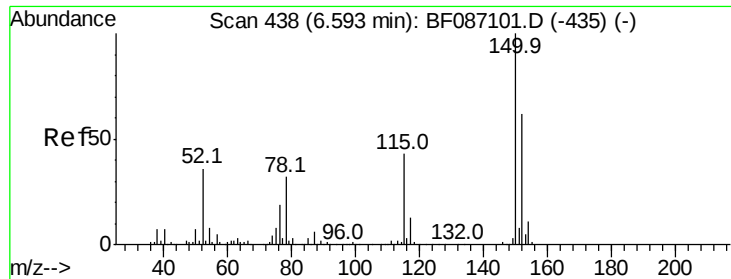
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB90662BL

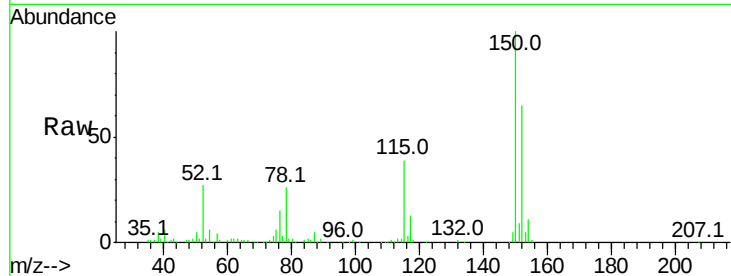
Tot Ion:152 Resp: 129419

Ion Ratio Lower Upper

152 100

150 153.8 125.8 188.6

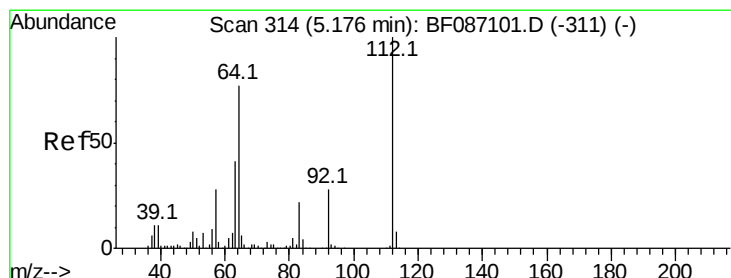
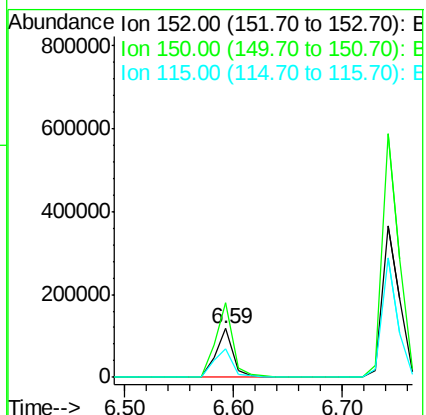
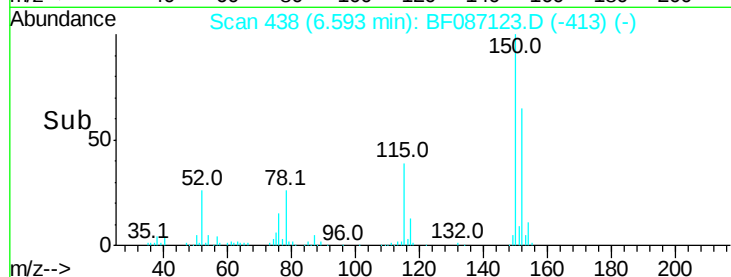
115 59.9 51.5 77.3



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: 125.57 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

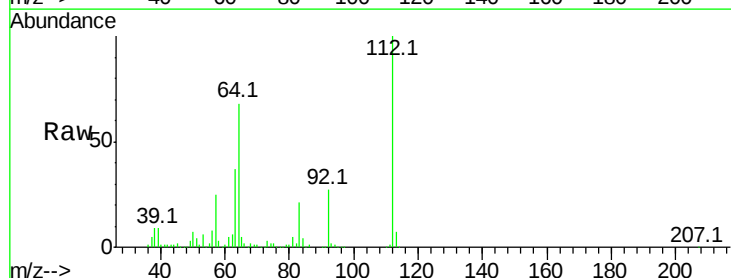
Tgt Ion:112 Resp: 966872

Ion Ratio Lower Upper

112 100

64 68.2 52.1 78.1

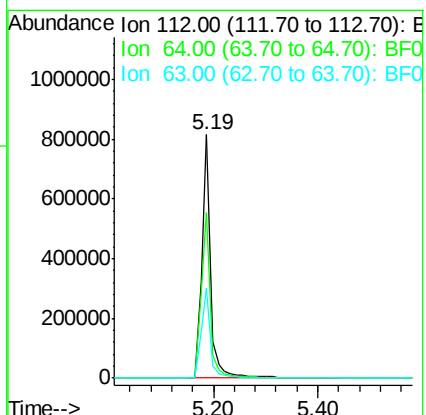
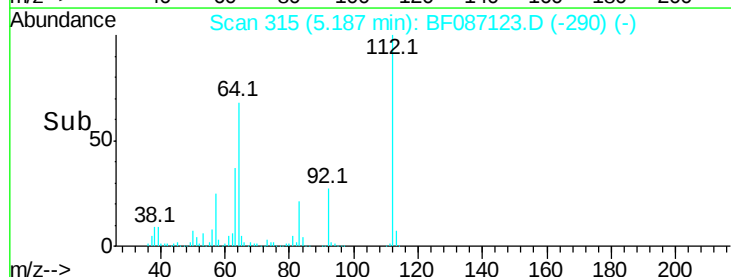
63 37.2 25.7 38.5

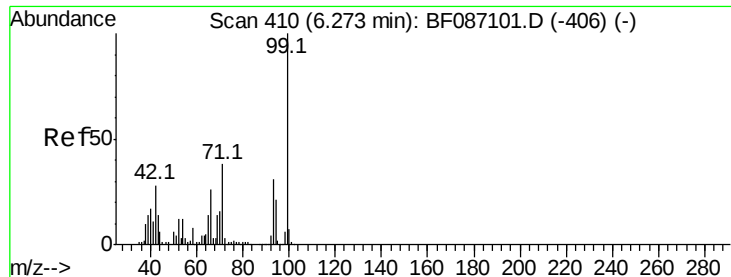


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.79 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

Instrument :

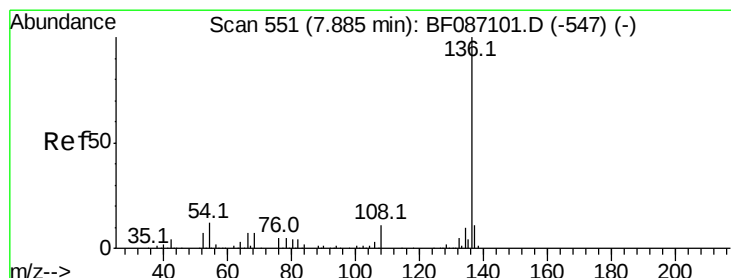
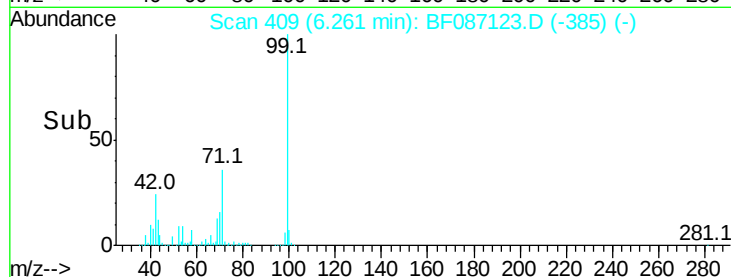
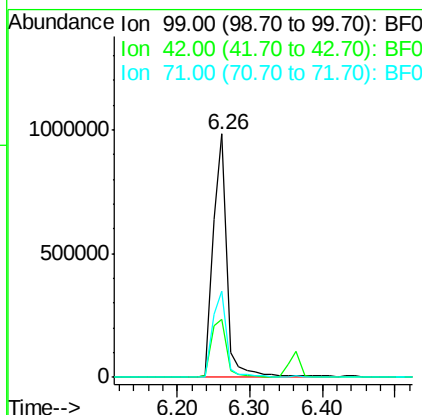
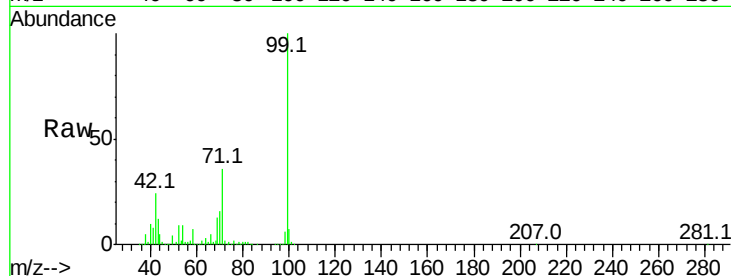
BNA_F

ClientSampleId :

PB90662BL

Tot Ion: 99 Resp: 1299006

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.6	20.4#
71	35.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

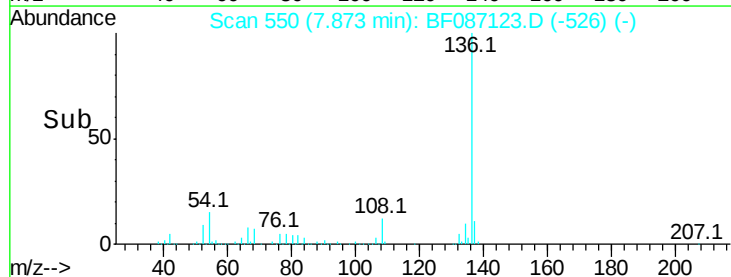
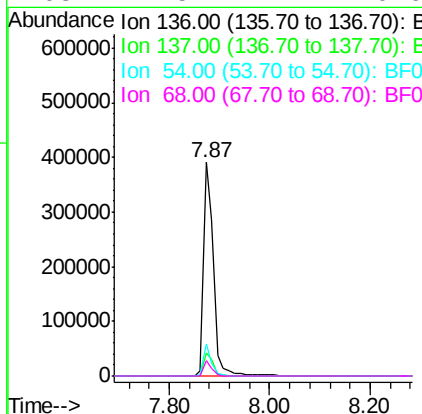
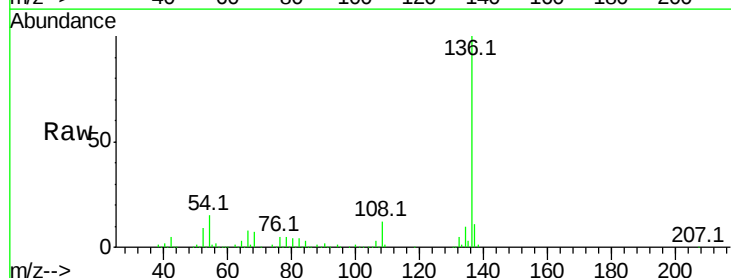
Delta R.T. -0.02 min

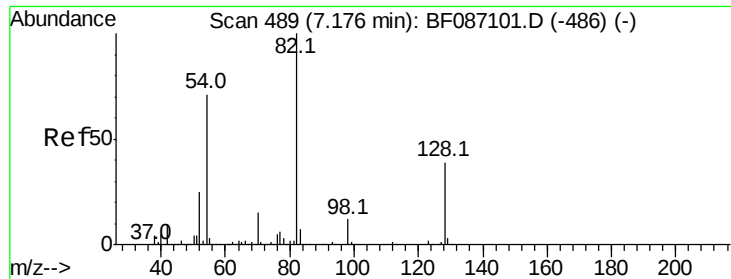
Lab File: BF087123.D

Acq: 18 May 2016 1:21

Tgt Ion: 136 Resp: 533500

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	15.0	5.0	7.4#
68	7.5	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 76.59 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB90662BL

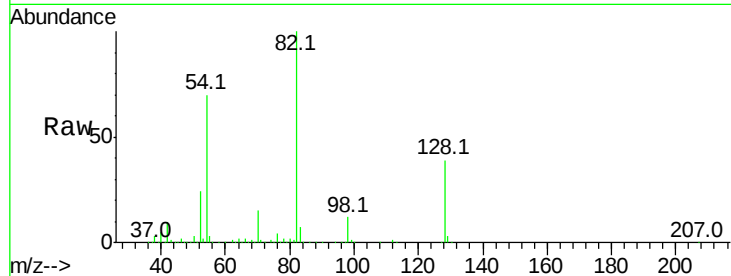
Tot Ion: 82 Resp: 819884

Ion Ratio Lower Upper

82 100

128 38.9 40.6 61.0#

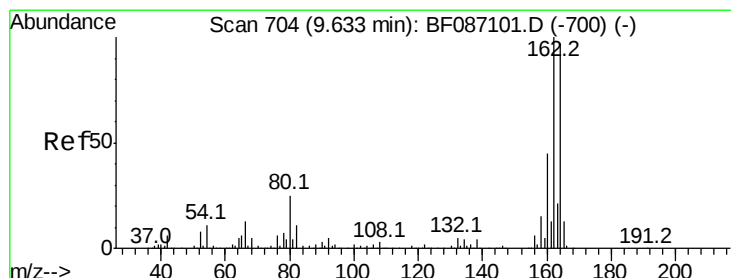
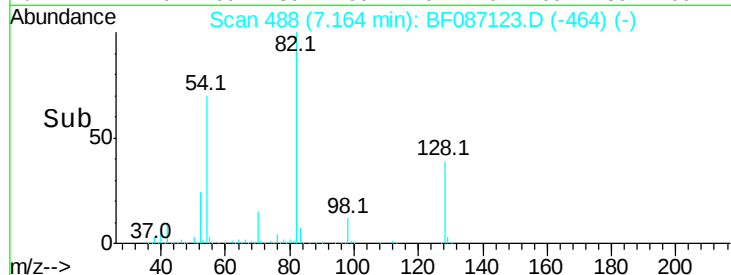
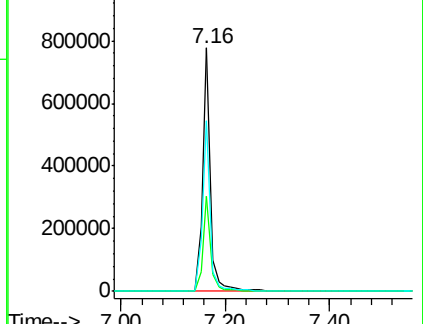
54 70.2 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

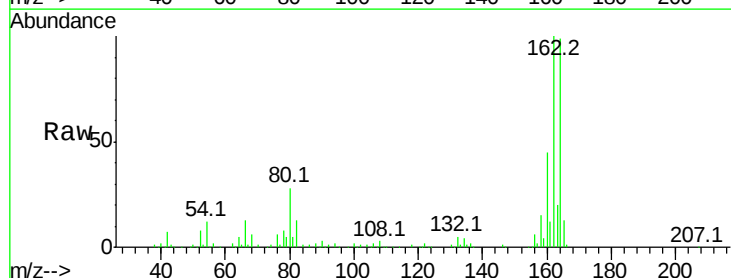
Tgt Ion: 164 Resp: 248133

Ion Ratio Lower Upper

164 100

162 101.5 82.8 124.2

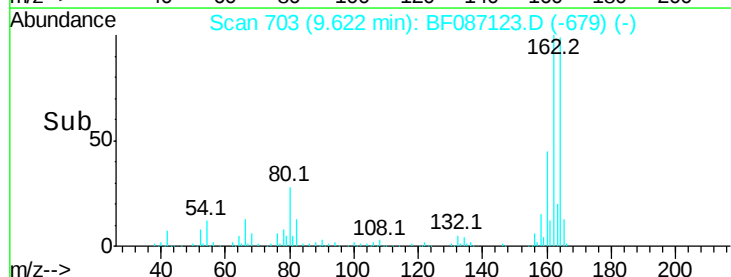
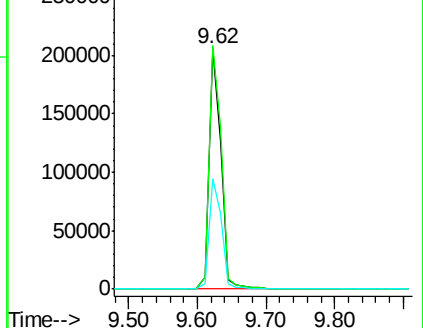
160 45.9 36.9 55.3

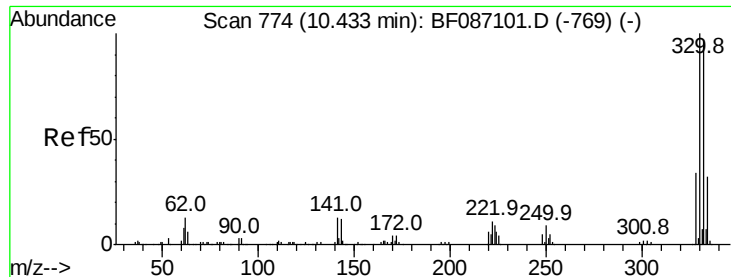


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

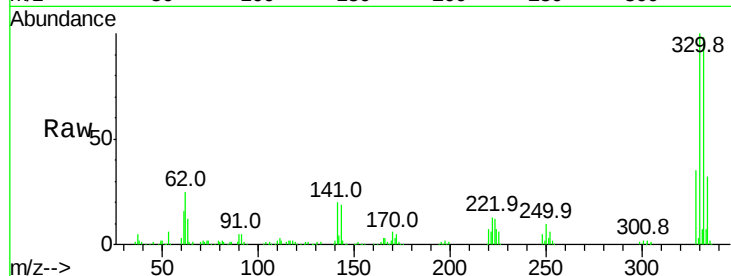




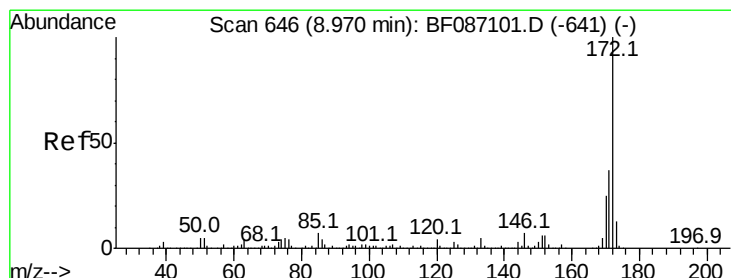
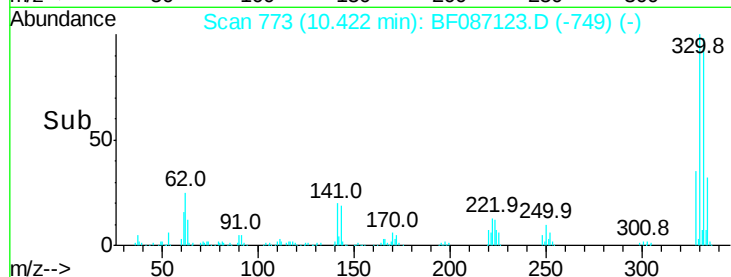
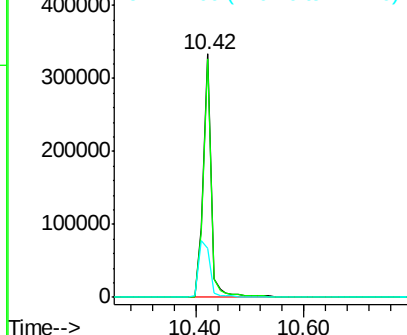
#41
 2,4,6-Tribromophenol
 Concen: 124.82 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087123.D
 Acq: 18 May 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BL

Tot Ion:330 Resp: 342262
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 33.3 31.2 46.8

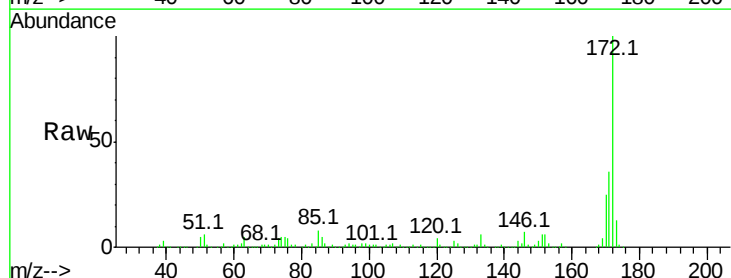


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

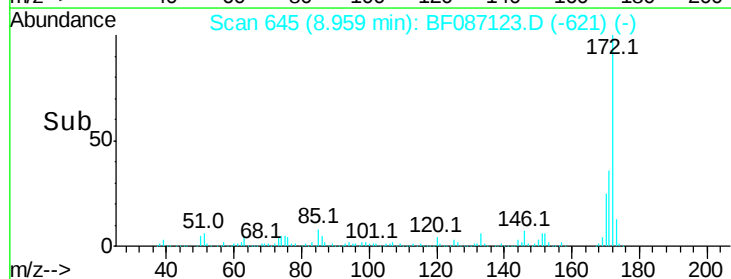
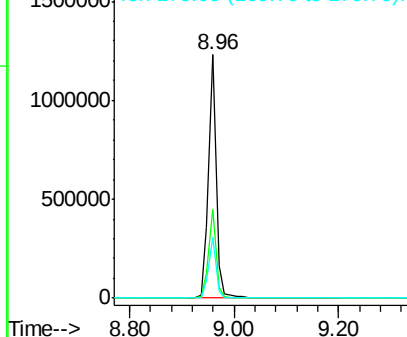


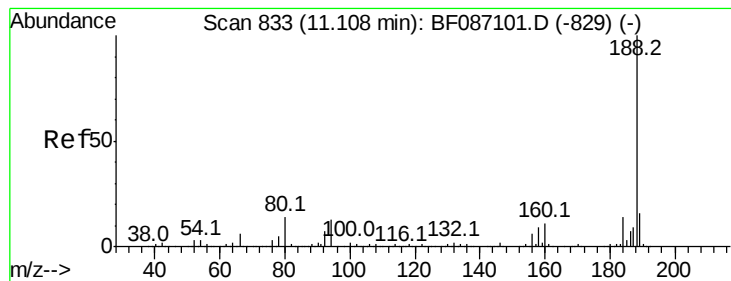
#44
 2-Fluorobiphenyl
 Concen: 84.62 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087123.D
 Acq: 18 May 2016 1:21

Tgt Ion:172 Resp: 1267791
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 19.8 29.8



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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB90662BL

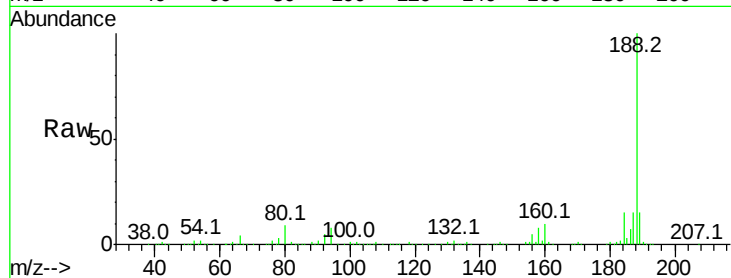
Tot Ion:188 Resp: 518605

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

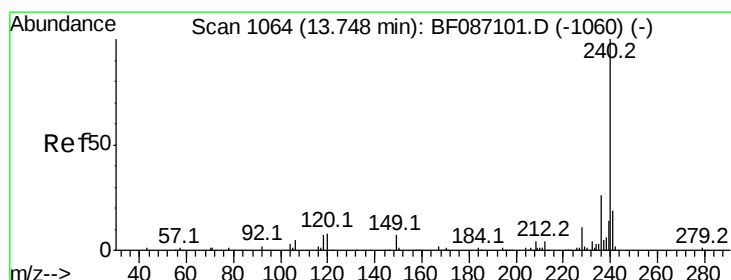
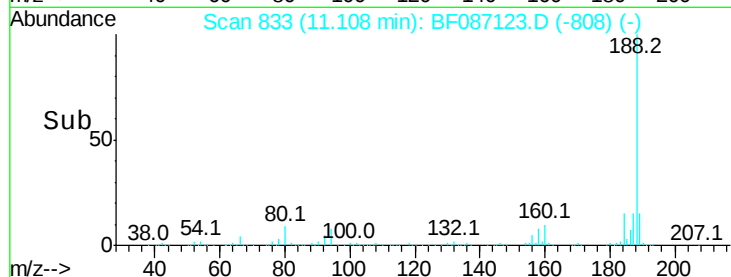
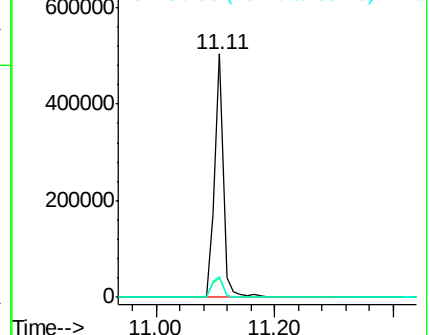
80 8.6 7.1 10.7



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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

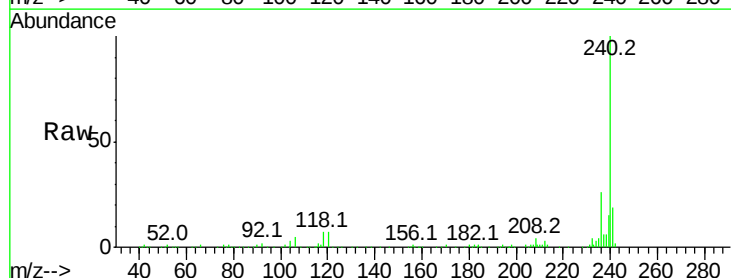
Tgt Ion:240 Resp: 430625

Ion Ratio Lower Upper

240 100

120 7.3 11.2 16.8#

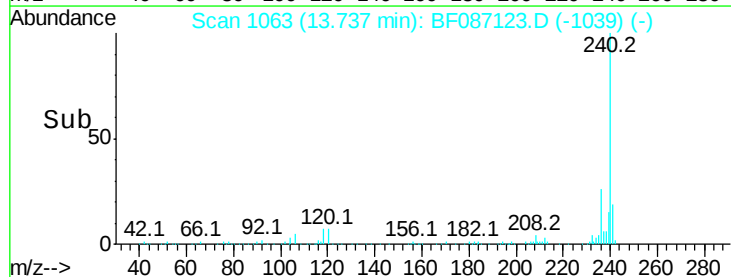
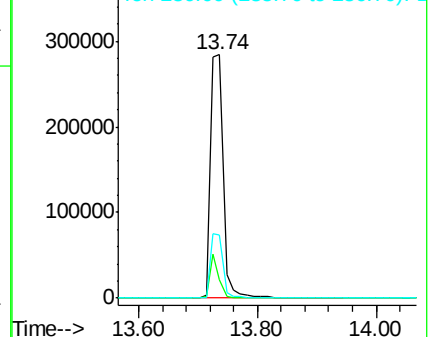
236 25.8 21.2 31.8

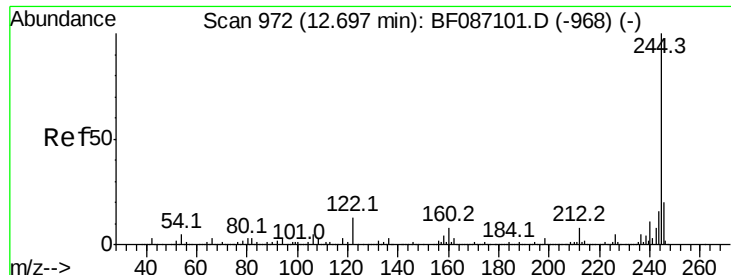


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.51 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

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PB90662BL

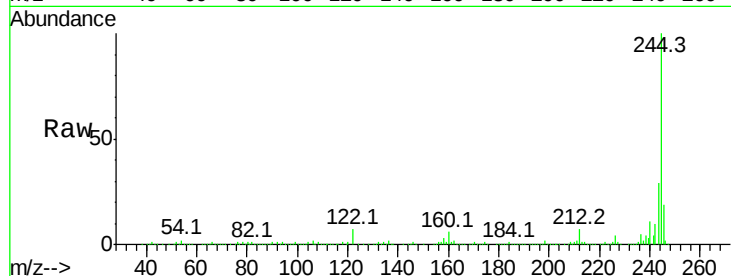
Tot Ion:244 Resp: 1418411

Ion Ratio Lower Upper

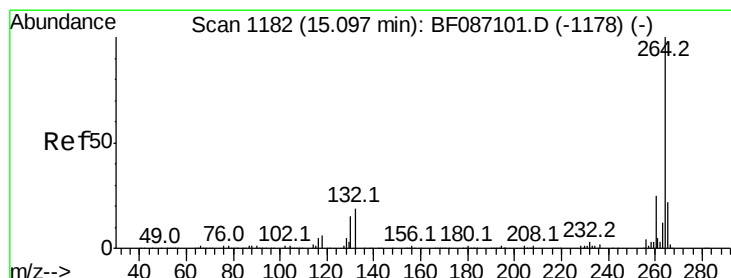
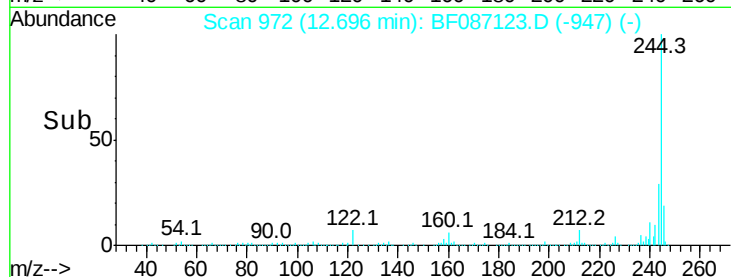
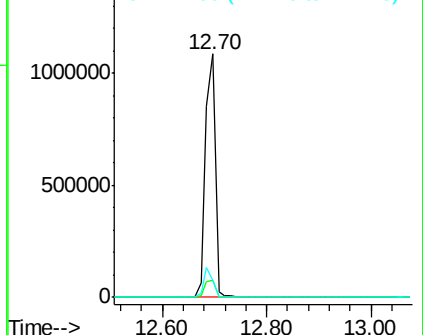
244 100

212 6.9 6.2 9.2

122 7.3 12.0 18.0#



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: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF087123.D

Acq: 18 May 2016 1:21

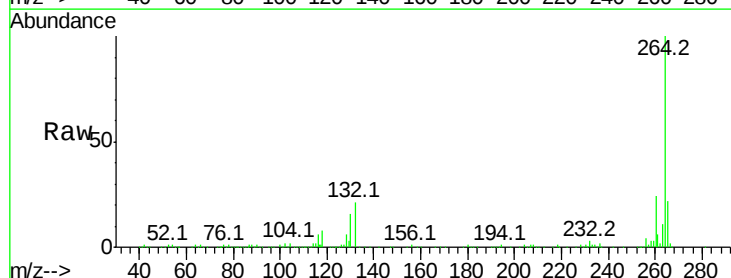
Tgt Ion:264 Resp: 368469

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 17.3 25.9



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

