

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062415\
 Data File : BE089937.D
 Acq On : 24 Jun 2015 17:50
 Operator : TP/IZ
 Sample : PB84123BL
 Misc : LOD/LOQ-SIM-SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84123BL

Quant Time: Jun 25 04:13:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 09:27:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	32678	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	150216	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	93248	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	229094	5.00	ng	0.00
25) Chrysene-d12	21.14	240	244509	5.00	ng	0.00
32) Perylene-d12	23.47	264	213812	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	69300	11.75	ng	0.00
5) Phenol-d6	6.81	99	106011	11.73	ng	0.00
7) Nitrobenzene-d5	8.77	82	86114	7.70	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	11366	6.95	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	201785	7.43	ng	0.00
27) Terphenyl-d14	19.60	244	330472	7.83	ng	0.00

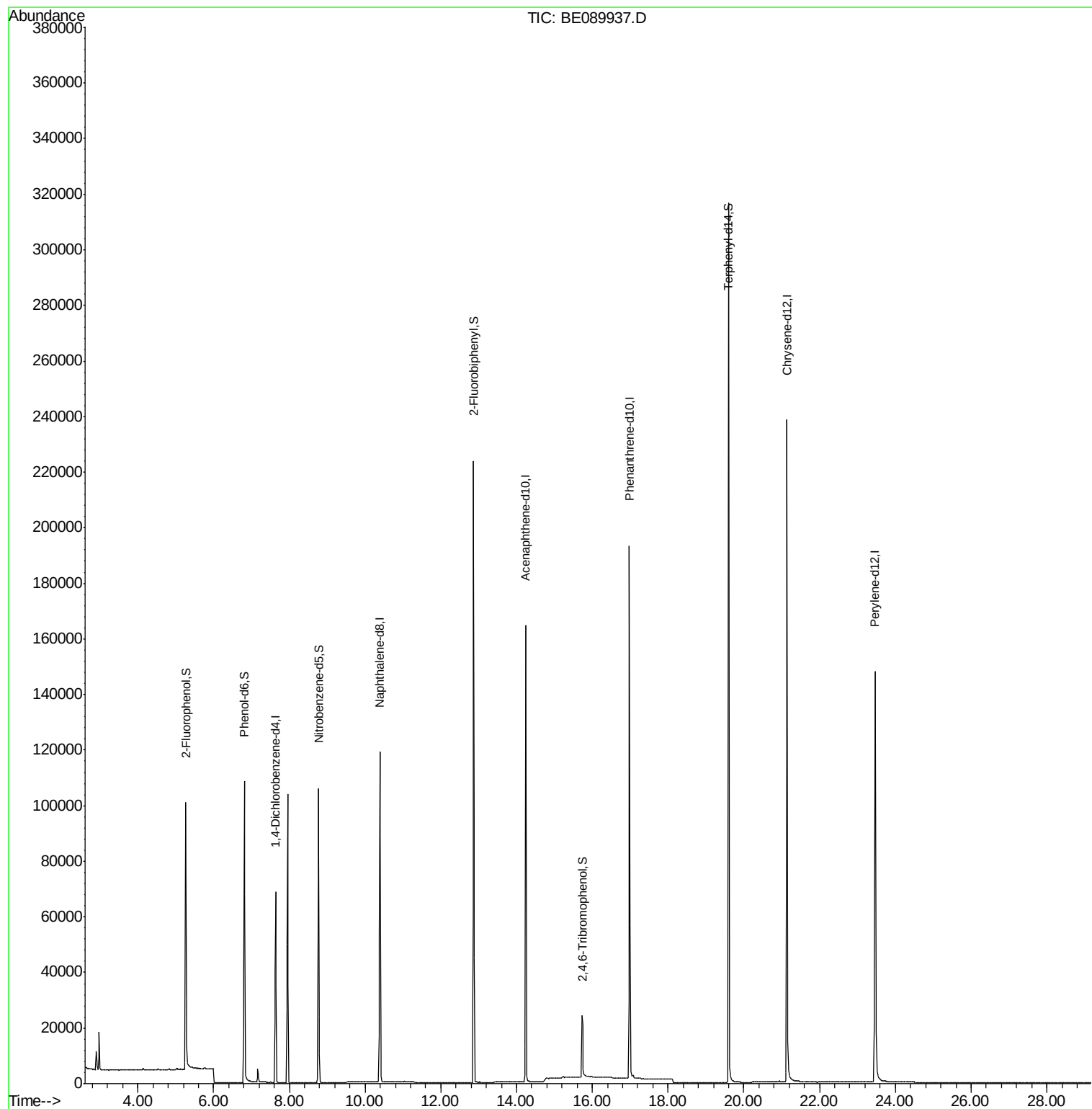
Target Compounds	Qvalue
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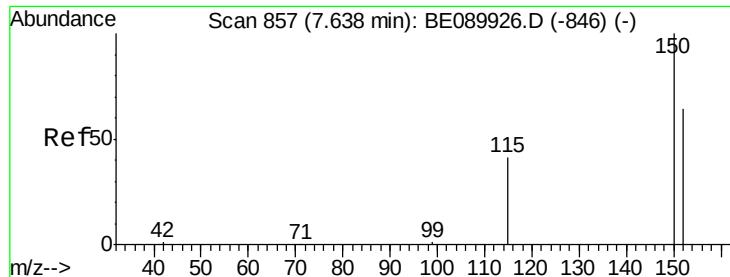
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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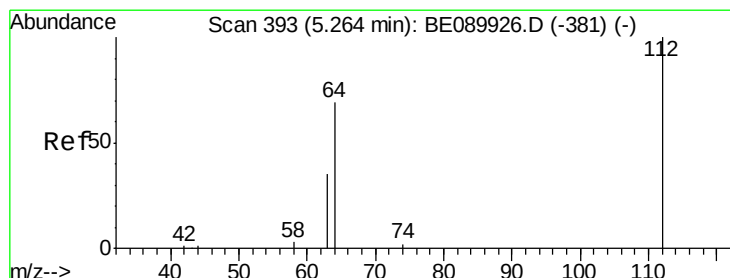
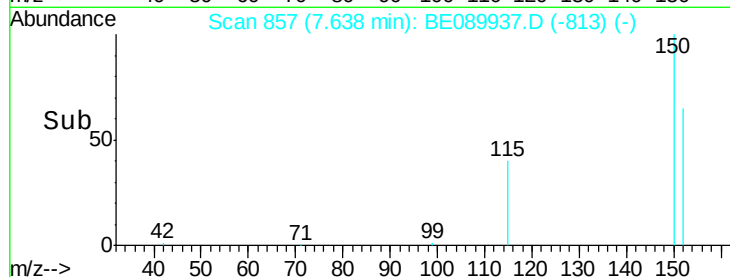
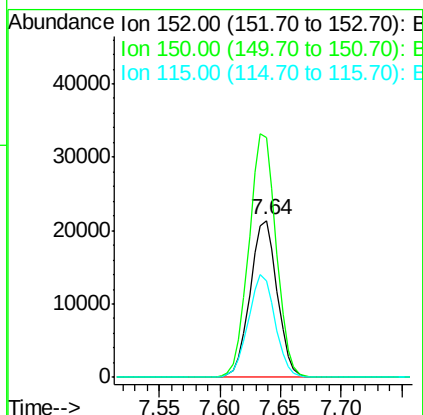
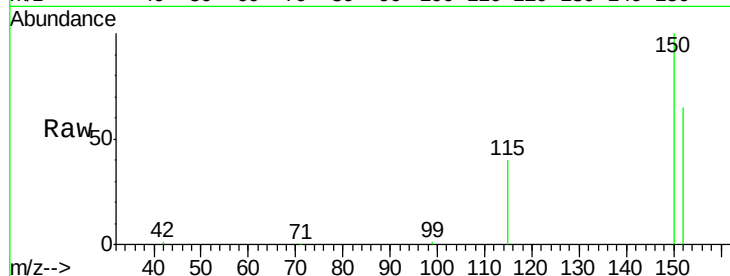


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

Instrument :
BNA_E
ClientSampleId :
PB84123BL

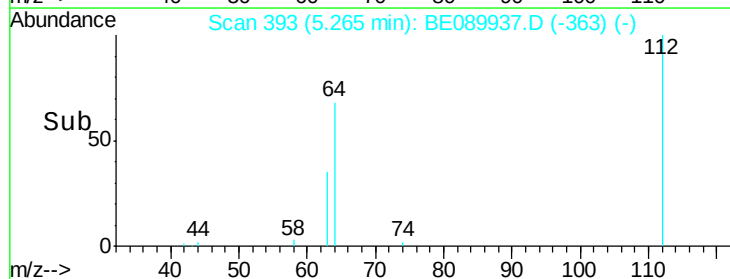
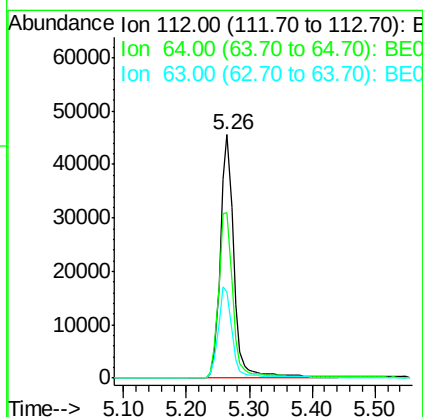
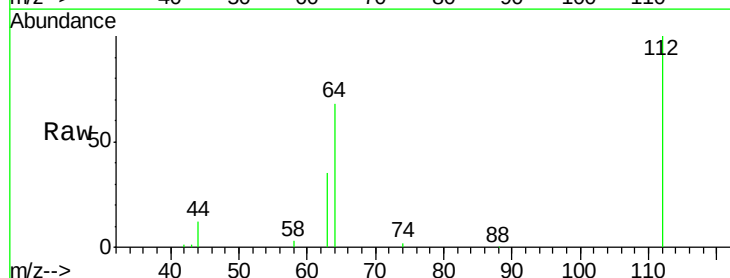
Tgt Ion:152 Resp: 32678
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.3 51.6 77.4

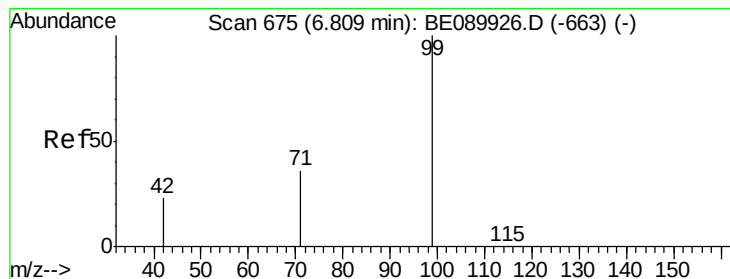


#4

2-Fluorophenol
Concen: 11.75 ng
RT: 5.26 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

Tgt Ion:112 Resp: 69300
Ion Ratio Lower Upper
112 100
64 72.5 57.4 86.2
63 38.9 31.2 46.8





#5

Phenol-d6

Concen: 11.73 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

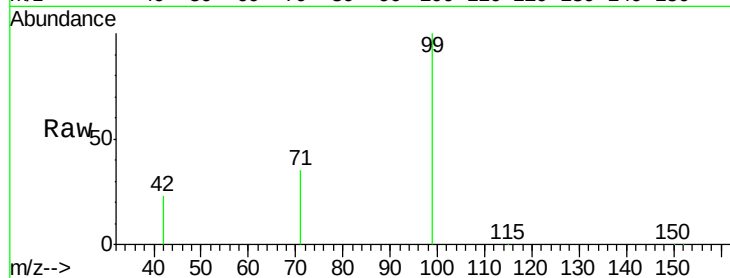
Tgt Ion: 99 Resp: 106011

Ion Ratio Lower Upper

99 100

42 23.4 19.5 29.3

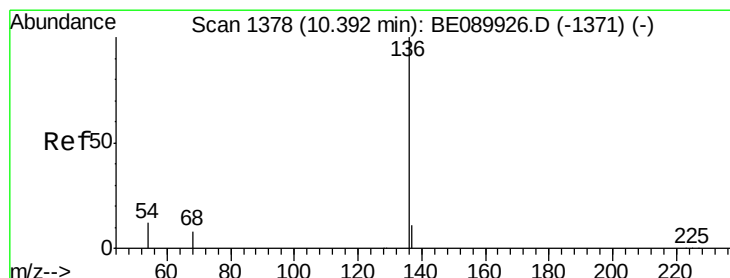
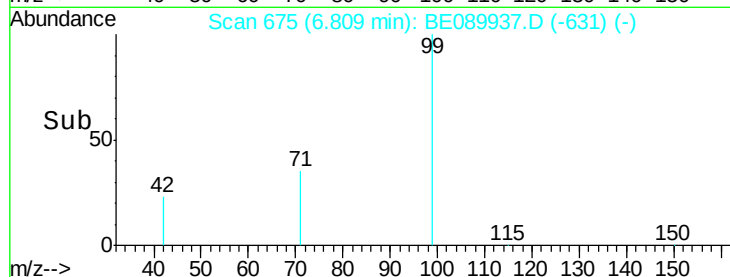
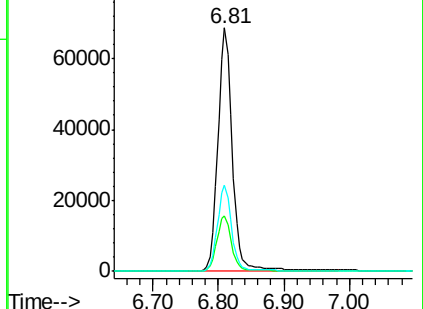
71 35.2 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Tgt Ion: 136 Resp: 150216

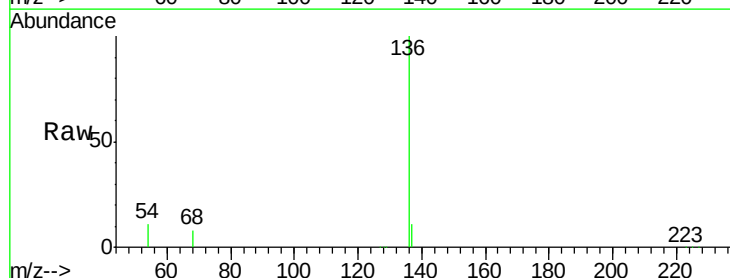
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.1 9.7 14.5

68 7.5 6.5 9.7

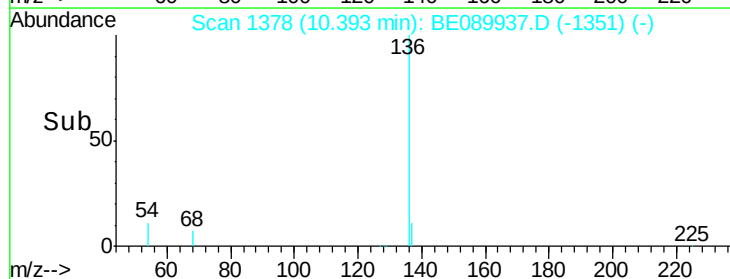
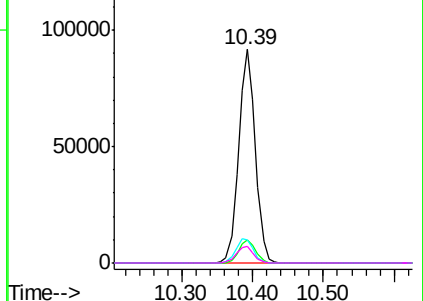


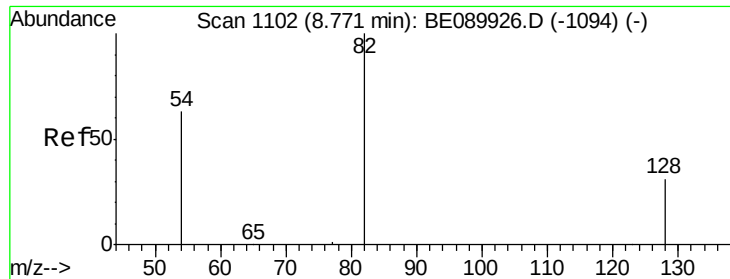
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 7.70 ng

RT: 8.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

Instrument :

BNA_E

ClientSampleId :

PB84123BL

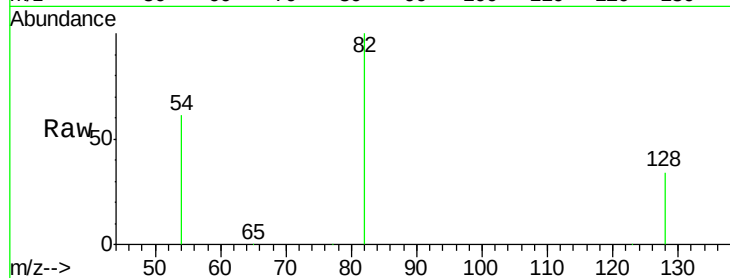
Tgt Ion: 82 Resp: 86114

Ion Ratio Lower Upper

82 100

128 34.0 25.6 38.4

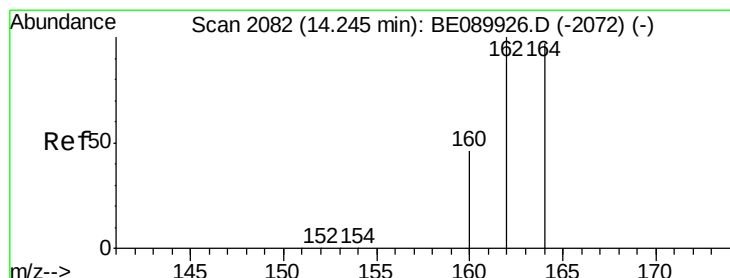
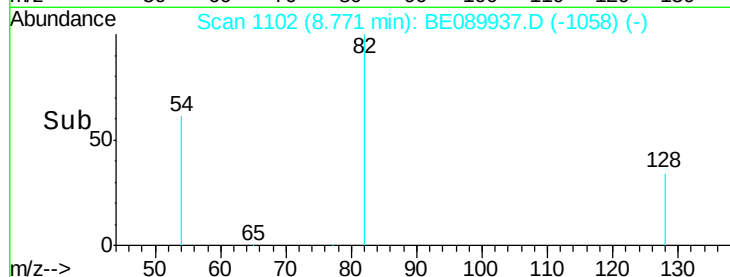
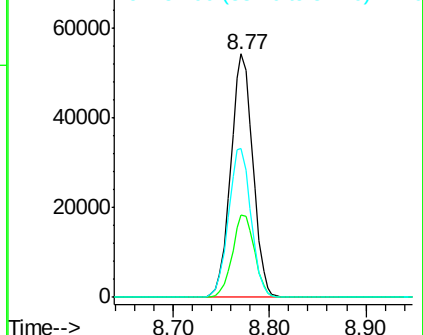
54 61.1 51.2 76.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BE089937.D

Acq: 24 Jun 2015 17:50

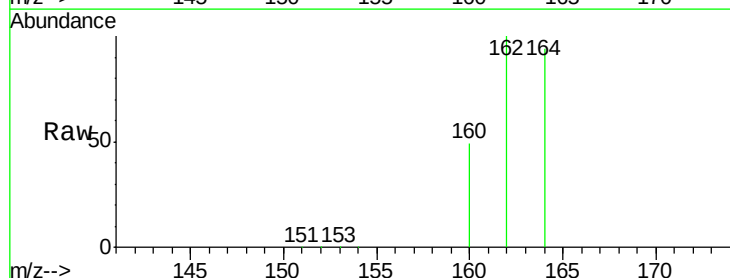
Tgt Ion: 164 Resp: 93248

Ion Ratio Lower Upper

164 100

162 106.5 82.7 124.1

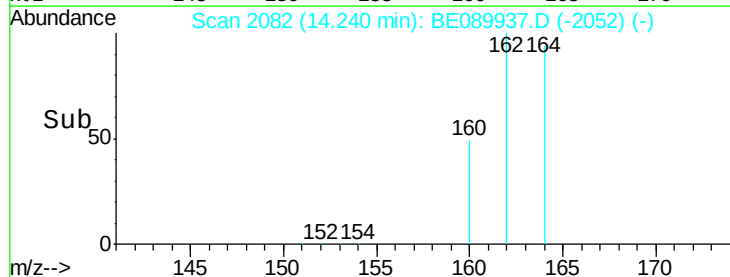
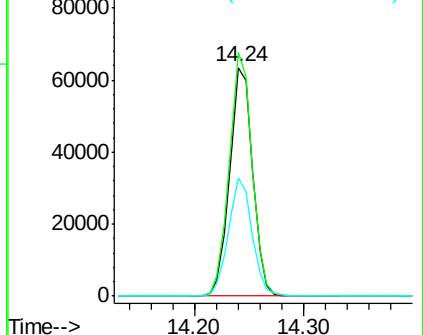
160 51.8 38.3 57.5

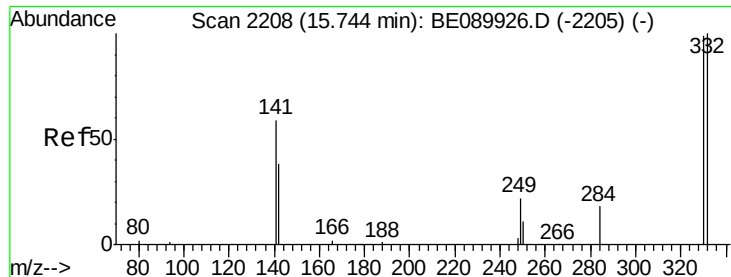


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

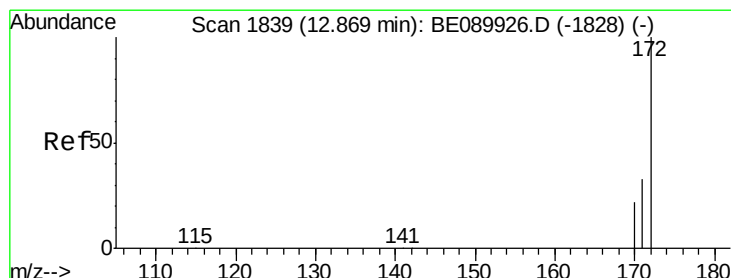
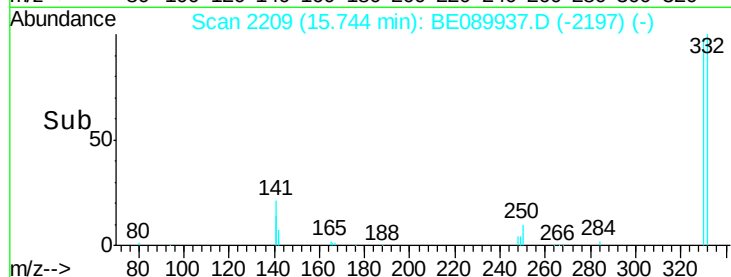
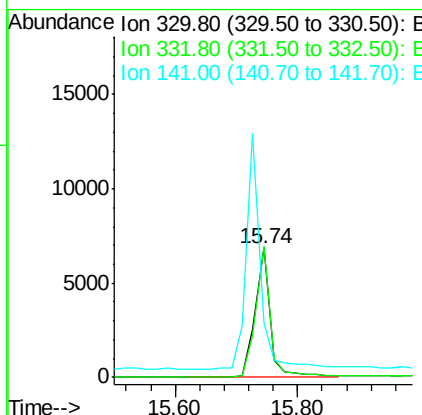
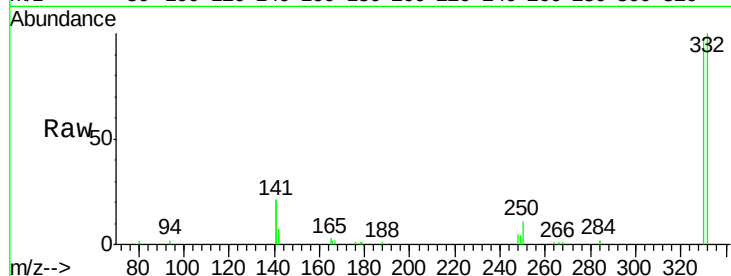




#13
 2,4,6-Tribromophenol
 Concen: 6.95 ng
 RT: 15.74 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE089937.D
 Acq: 24 Jun 2015 17:50

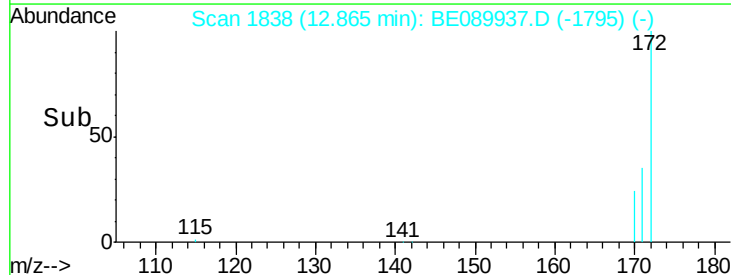
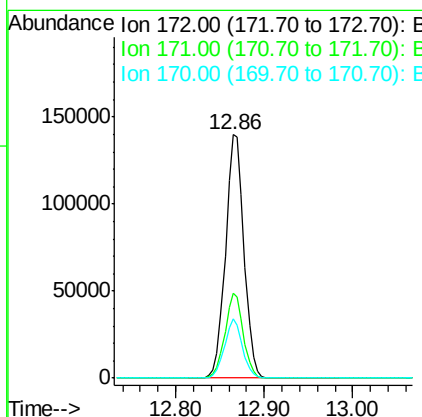
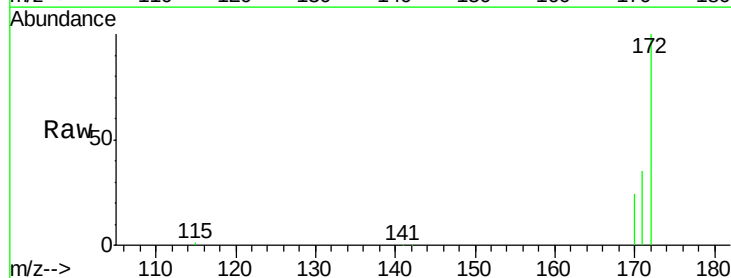
Instrument :
 BNA_E
 ClientSampleId :
 PB84123BL

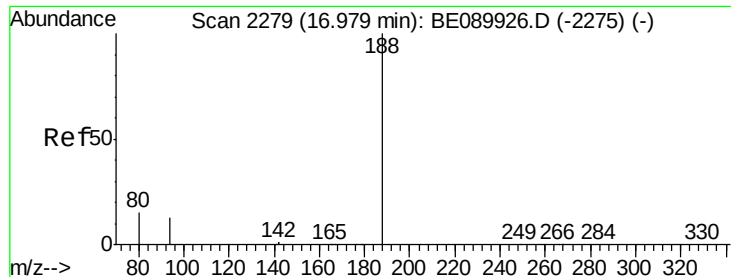
Tgt Ion:330 Resp: 11366
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.9 116.9
 141 175.7 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 7.43 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089937.D
 Acq: 24 Jun 2015 17:50

Tgt Ion:172 Resp: 201785
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.7 40.1
 170 24.4 17.5 26.3

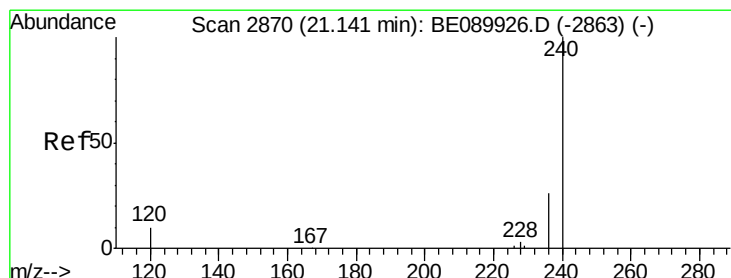
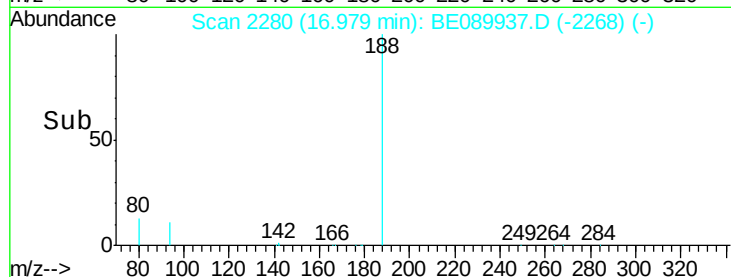
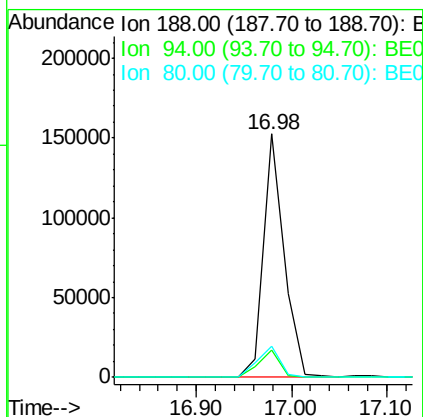
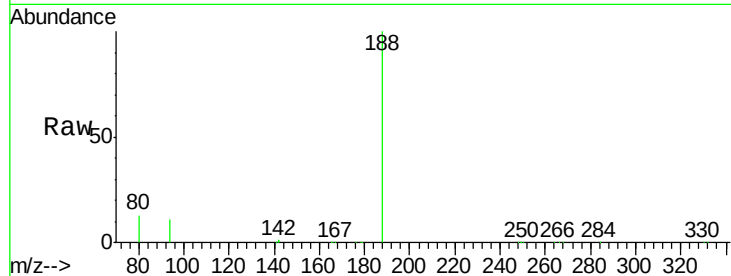




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

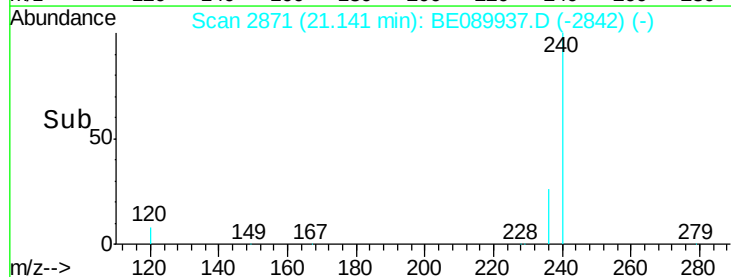
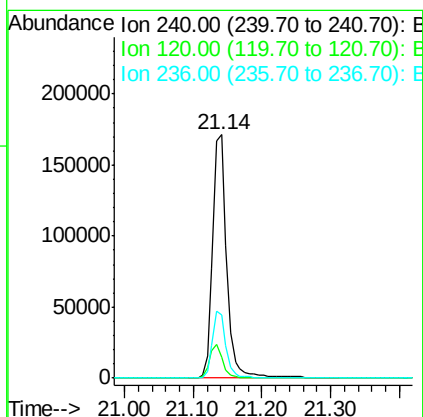
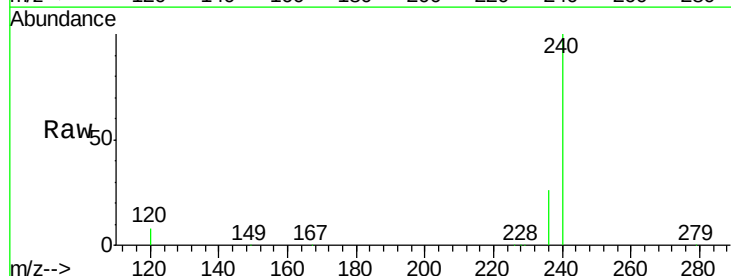
Instrument :
BNA_E
ClientSampleId :
PB84123BL

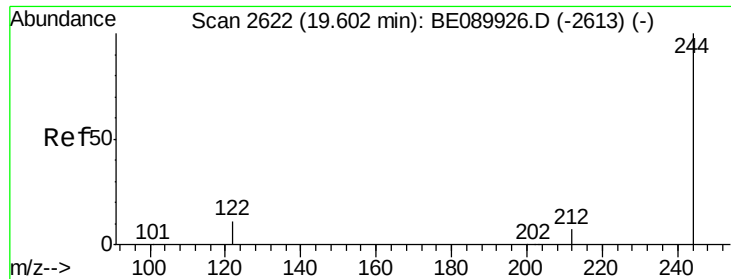
Tgt Ion:188 Resp: 229094
Ion Ratio Lower Upper
188 100
94 11.5 10.6 16.0
80 12.9 11.8 17.6



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BE089937.D
Acq: 24 Jun 2015 17:50

Tgt Ion:240 Resp: 244509
Ion Ratio Lower Upper
240 100
120 8.5 7.9 11.9
236 25.8 21.2 31.8

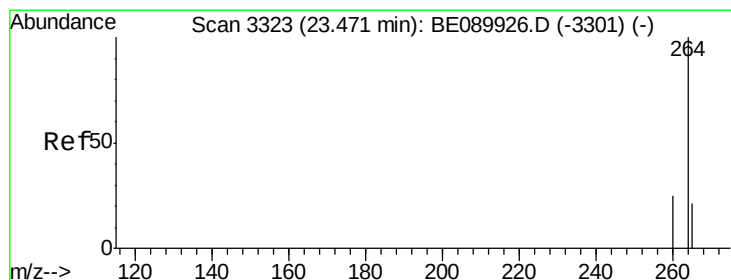
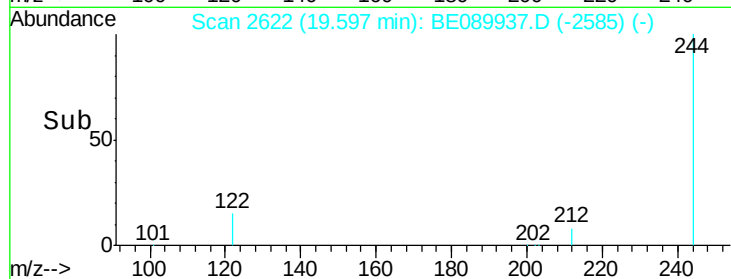
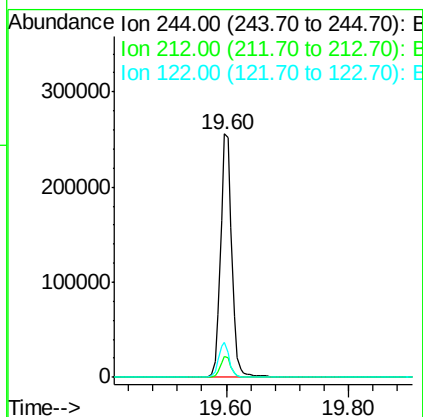
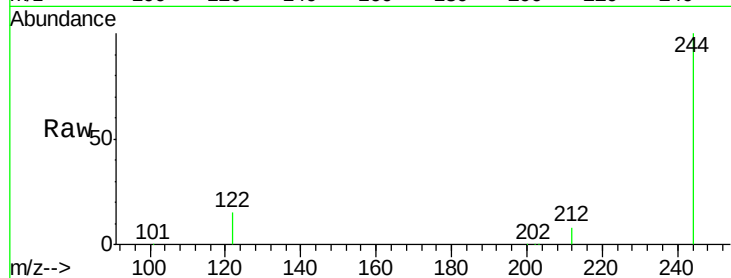




#27
 Terphenyl-d14
 Concen: 7.83 ng
 RT: 19.60 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BE089937.D
 Acq: 24 Jun 2015 17:50

Instrument :
 BNA_E
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 PB84123BL

Tgt Ion: 244 Resp: 330472
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.1 9.1
 122 14.6 8.7 13.1#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 3323
 Delta R.T. -0.00 min
 Lab File: BE089937.D
 Acq: 24 Jun 2015 17:50

Tgt Ion: 264 Resp: 213812
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.8 29.6
 265 21.3 17.3 25.9

