

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
Data File : BE090554.D
Acq On : 18 Aug 2015 15:07
Operator : UM/IZ
Sample : PB85070BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85070BL

Quant Time: Aug 19 03:21:02 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 02:30:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23105	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	117758	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	64048	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	137691	5.00	ng	0.00
25) Chrysene-d12	21.09	240	134611	5.00	ng	0.00
32) Perylene-d12	23.40	264	121982	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	39366	5.89	ng	0.00
5) Phenol-d6	6.77	99	55288	5.63	ng	0.00
7) Nitrobenzene-d5	8.72	82	23376	2.49	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	14068	5.71	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	49083	2.57	ng	0.00
27) Terphenyl-d14	19.55	244	67237	2.73	ng	0.00

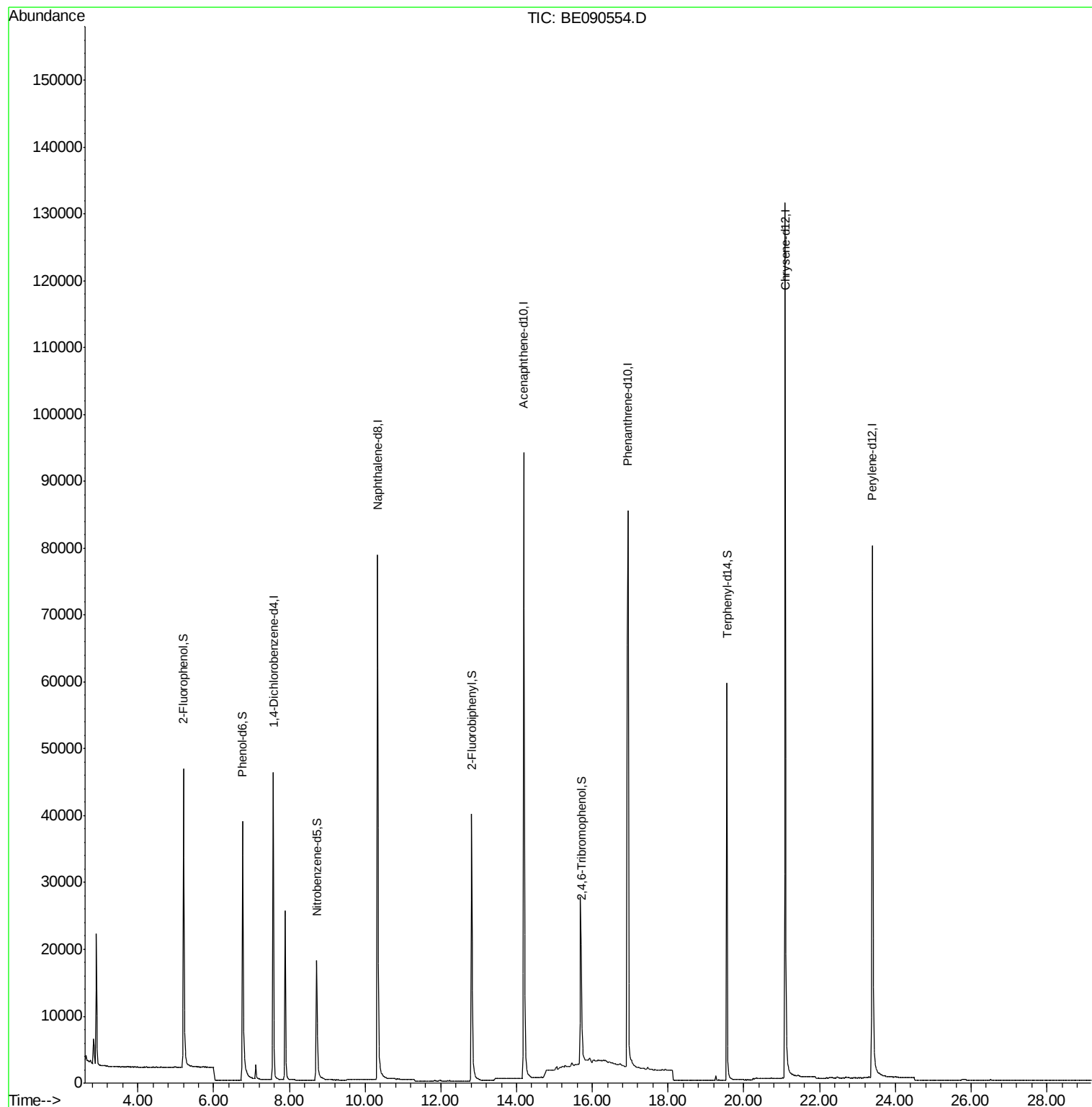
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

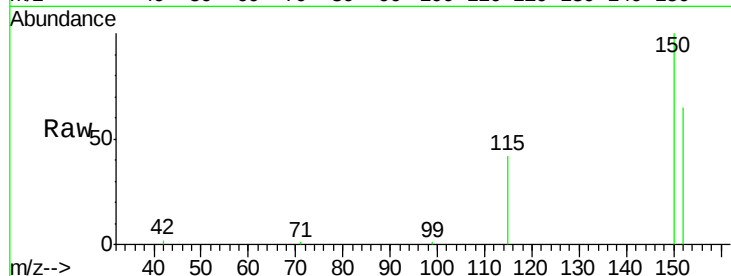
Tgt Ion:152 Resp: 23105

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

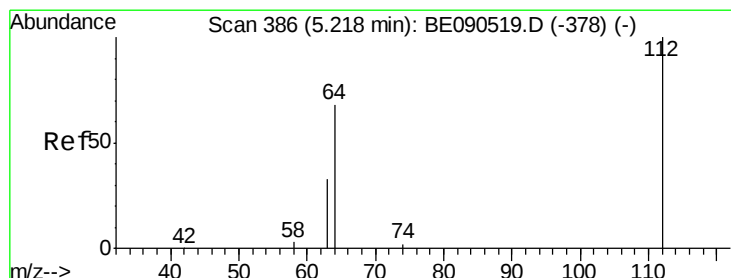
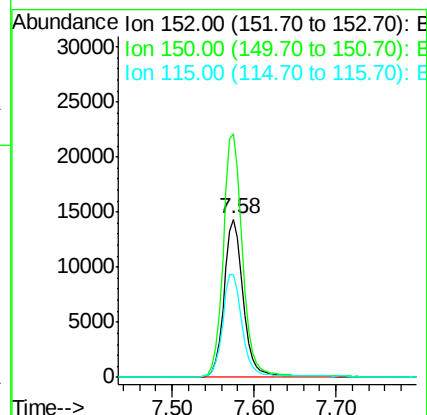
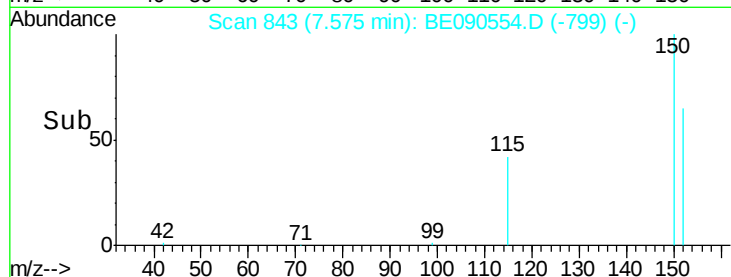
115 64.8 48.9 73.3



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



#4

2-Fluorophenol

Concen: 5.89 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

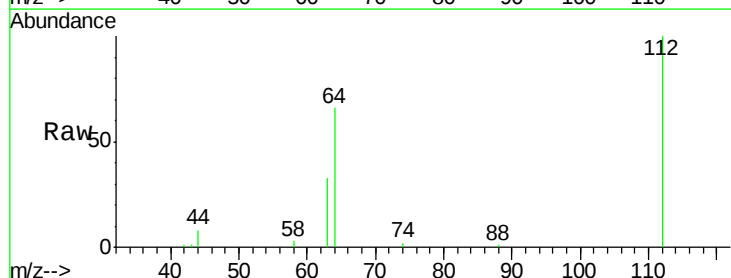
Tgt Ion:112 Resp: 39366

Ion Ratio Lower Upper

112 100

64 69.0 37.1 55.7#

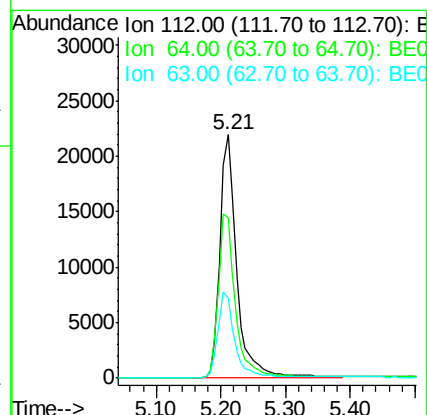
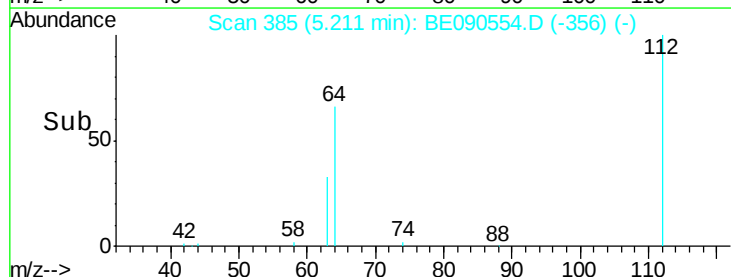
63 35.2 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.63 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

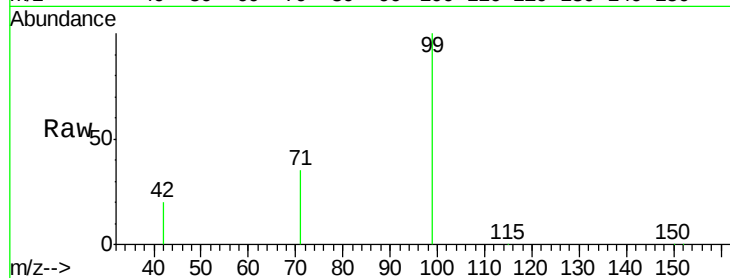
Tgt Ion: 99 Resp: 55288

Ion Ratio Lower Upper

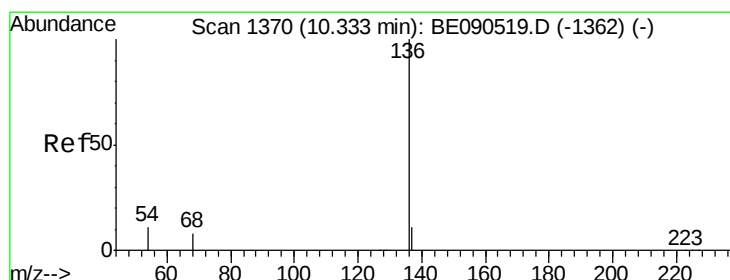
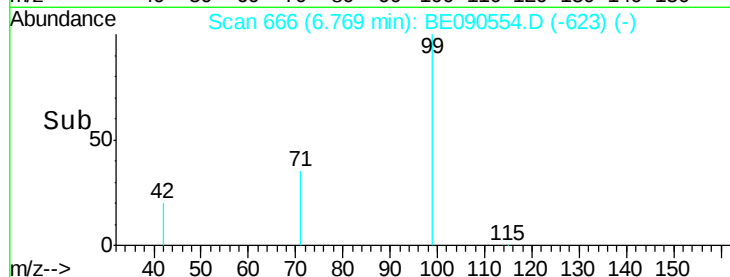
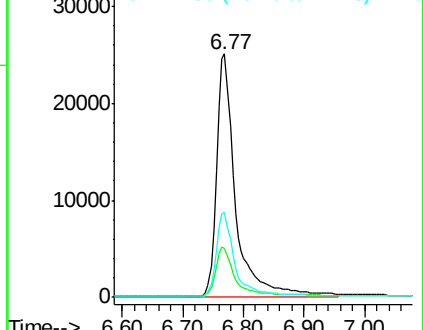
99 100

42 20.0 18.2 27.4

71 34.9 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Tgt Ion: 136 Resp: 117758

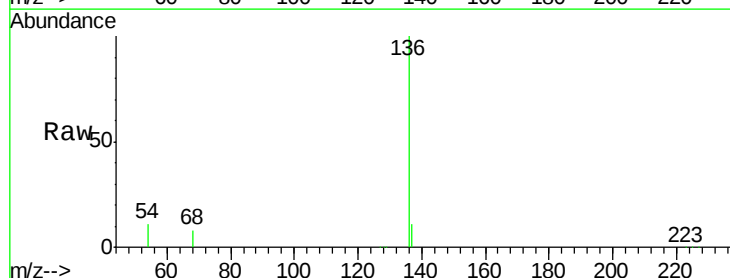
Ion Ratio Lower Upper

136 100

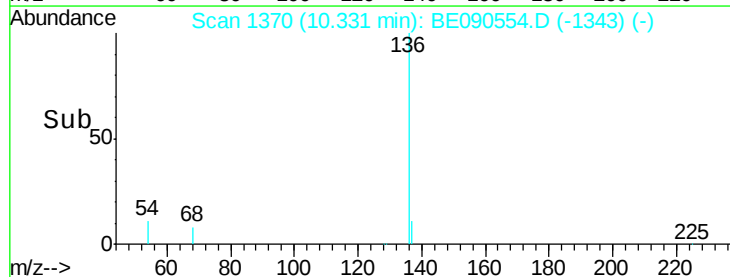
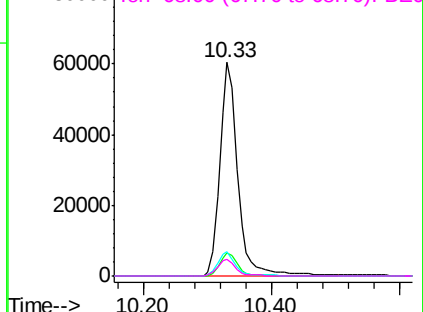
137 11.1 8.7 13.1

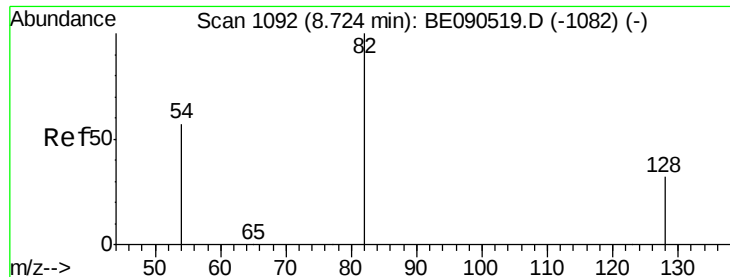
54 11.1 9.4 14.0

68 8.1 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: 2.49 ng

RT: 8.72 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

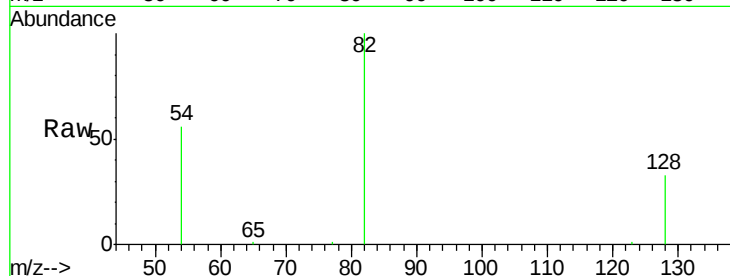
Tgt Ion: 82 Resp: 23376

Ion Ratio Lower Upper

82 100

128 33.1 25.0 37.6

54 55.9 48.8 73.2

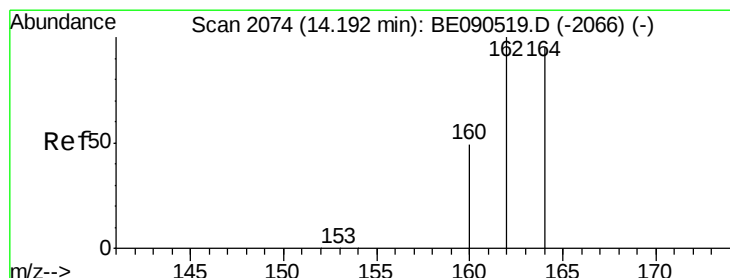
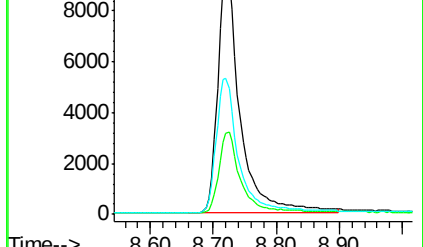
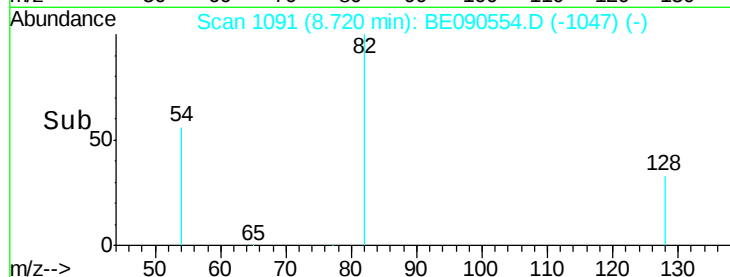


Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)

Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

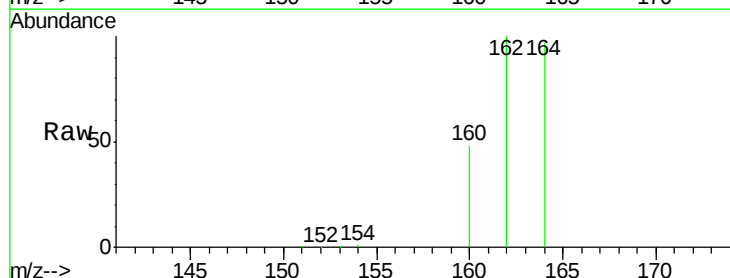
Tgt Ion: 164 Resp: 64048

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

160 49.9 44.2 66.4

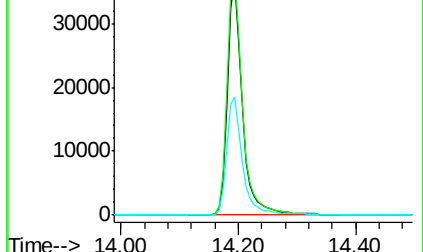
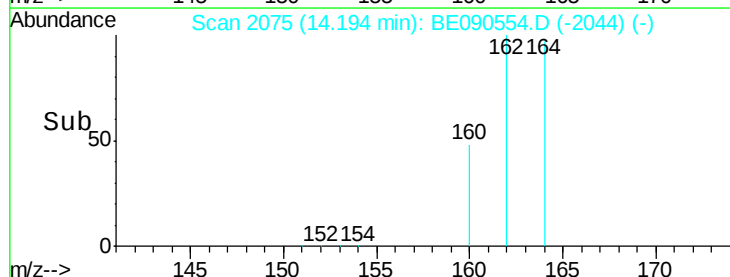


Abundance Ion 164.00 (163.70 to 164.70): BE090519.D (-2066) (-)

Ion 162.00 (161.70 to 162.70): BE090519.D (-2066) (-)

Ion 160.00 (159.70 to 160.70): BE090519.D (-2066) (-)

Time-->

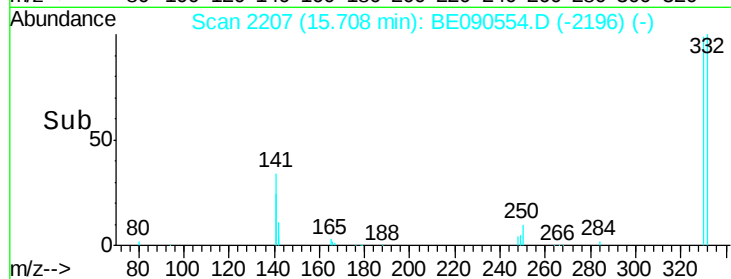
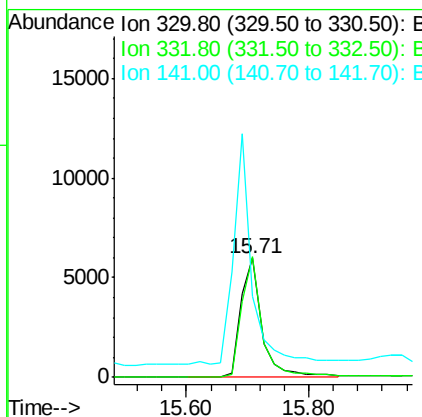
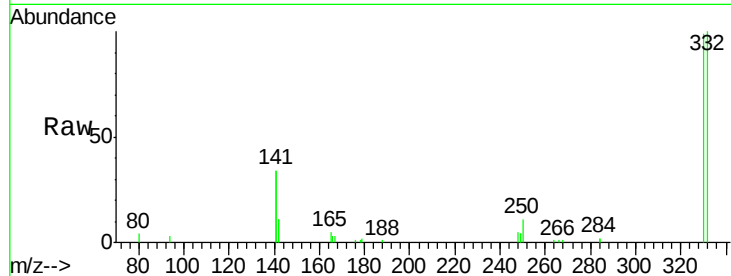




#13
 2,4,6-Tribromophenol
 Concen: 5.71 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

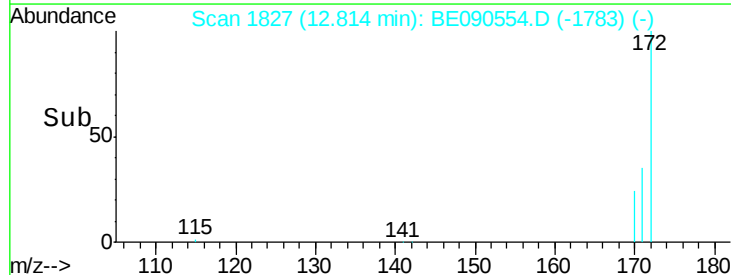
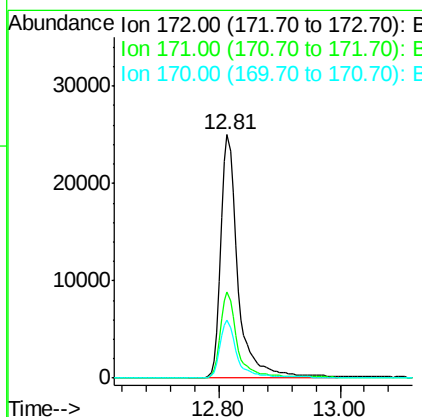
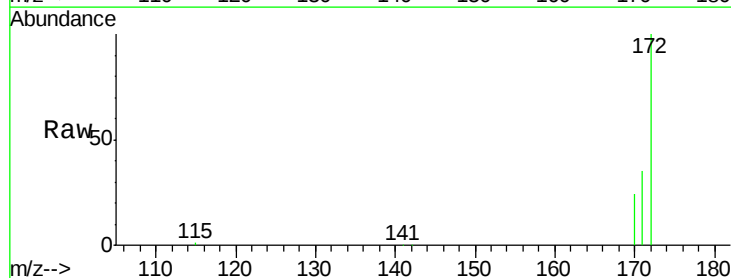
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BL

Tgt Ion:330 Resp: 14068
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 173.3 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 2.57 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

Tgt Ion:172 Resp: 49083
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.9 19.8 29.8

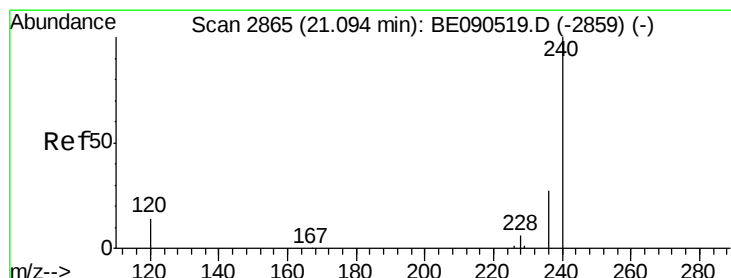
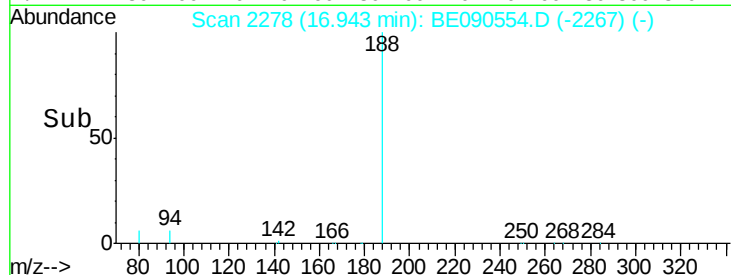
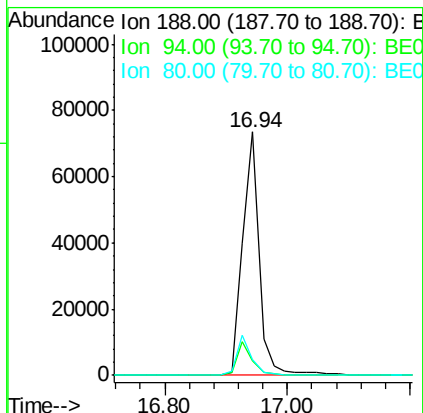
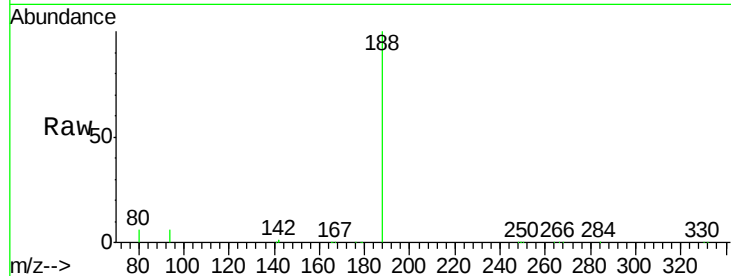




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

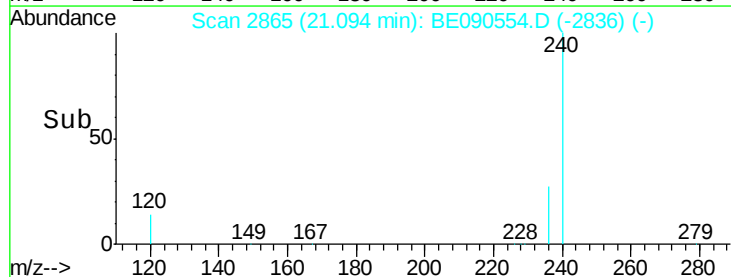
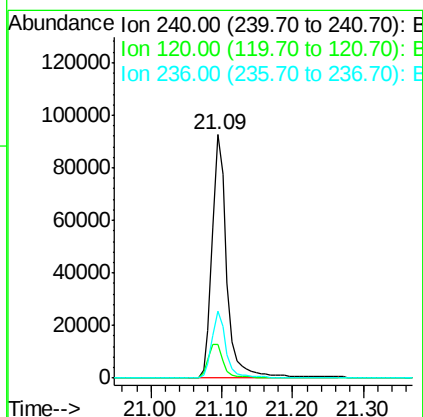
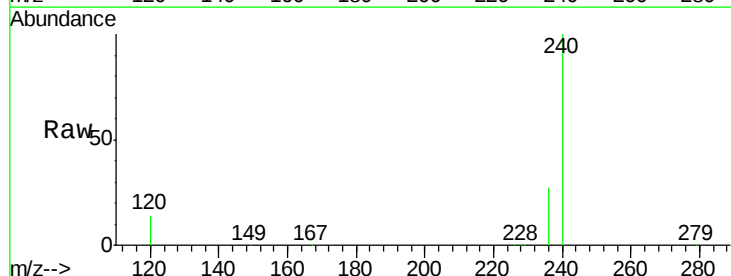
Instrument :
BNA_E
ClientSampleId :
PB85070BL

Tgt Ion:188 Resp: 137691
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 6.4 5.8 8.8



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Tgt Ion:240 Resp: 134611
Ion Ratio Lower Upper
240 100
120 13.7 8.3 12.5#
236 27.4 21.0 31.4

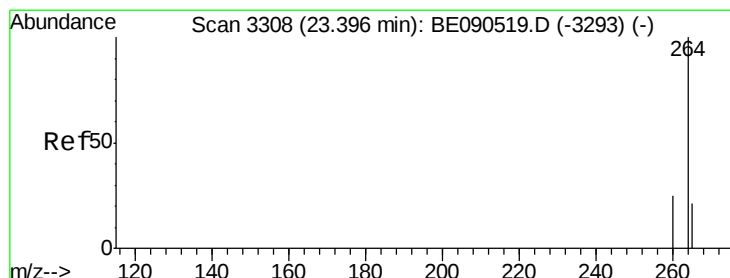
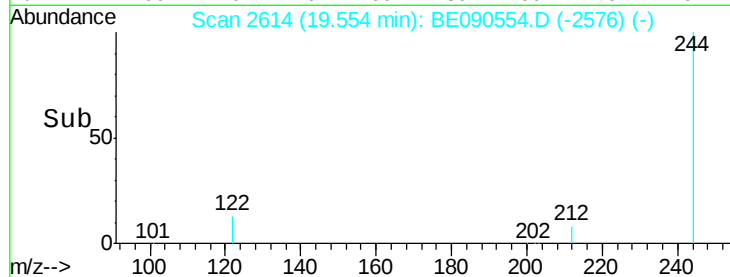
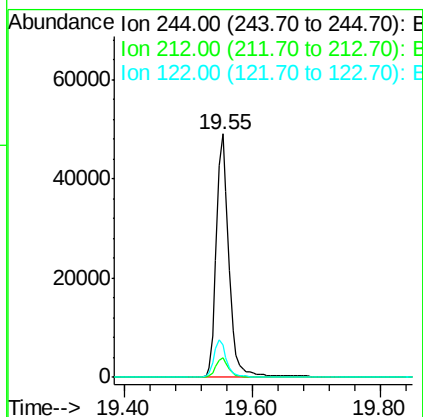
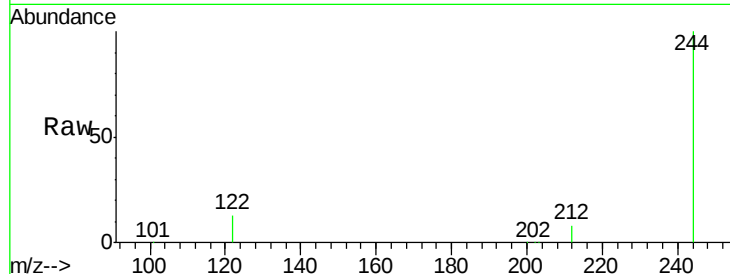




#27
 Terphenyl-d14
 Concen: 2.73 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BL

Tgt Ion:244 Resp: 67237
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 13.1 10.2 15.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

Tgt Ion:264 Resp: 121982
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 21.6 17.2 25.8

