

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
 Data File : BE090758.D
 Acq On : 10 Sep 2015 13:14
 Operator : UM/IZ
 Sample : PB85478BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85478BL

Quant Time: Sep 11 02:56:25 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	41226	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	174687	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92626	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	247810	5.00	ng	0.00
25) Chrysene-d12	21.07	240	275189	5.00	ng	0.00
32) Perylene-d12	23.36	264	245415	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	73433	9.13	ng	0.00
5) Phenol-d6	6.74	99	99001	8.62	ng	-0.01
7) Nitrobenzene-d5	8.70	82	45943	3.98	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	17817	6.58	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	100614	3.92	ng	0.00
27) Terphenyl-d14	19.53	244	156720	5.15	ng	0.00

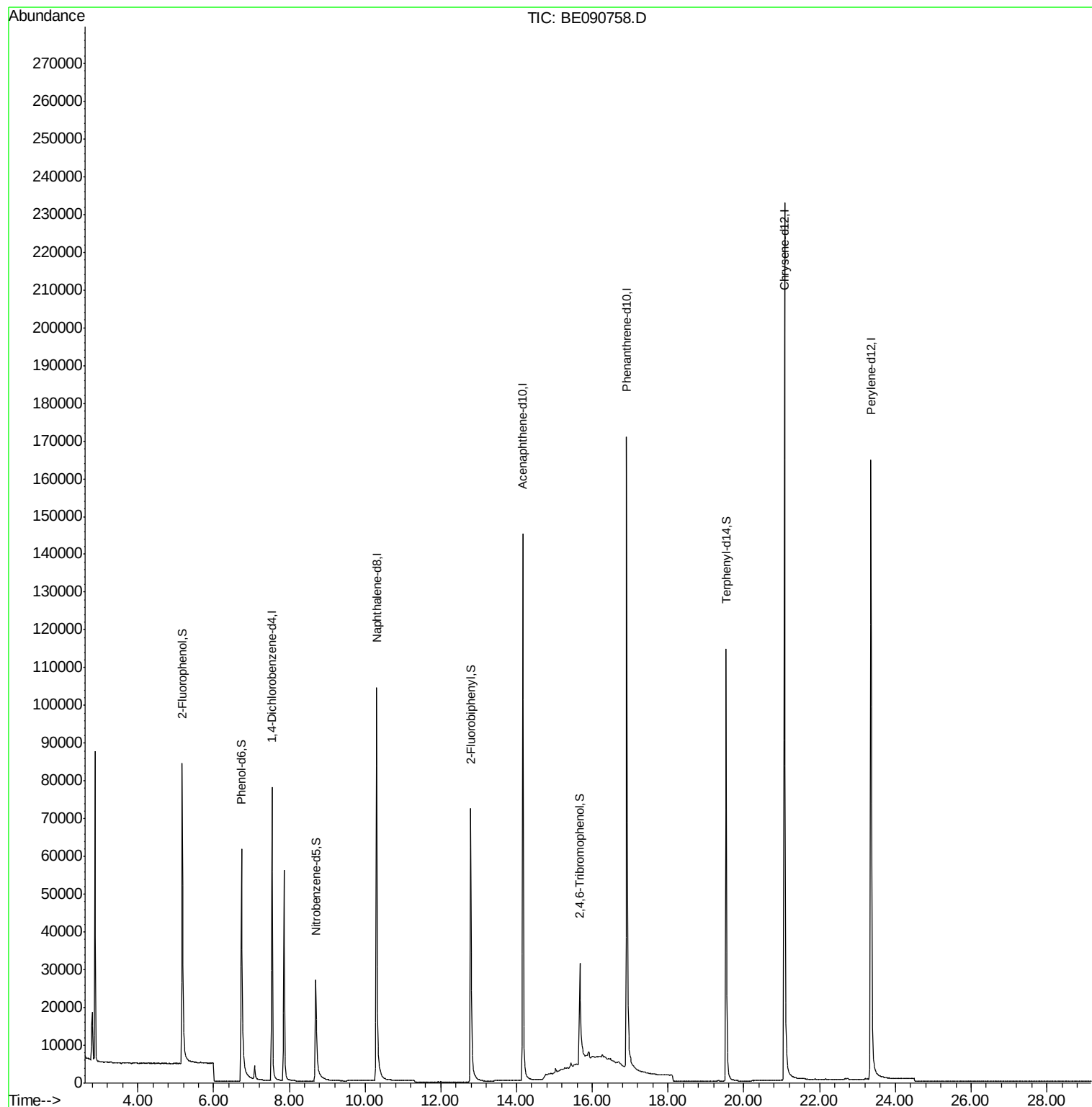
Target Compounds	Qvalue
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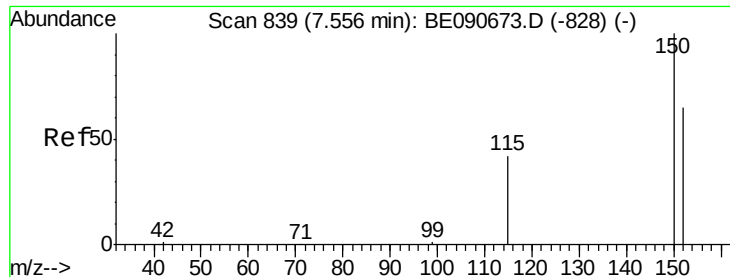
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.54 min Scan# 836

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

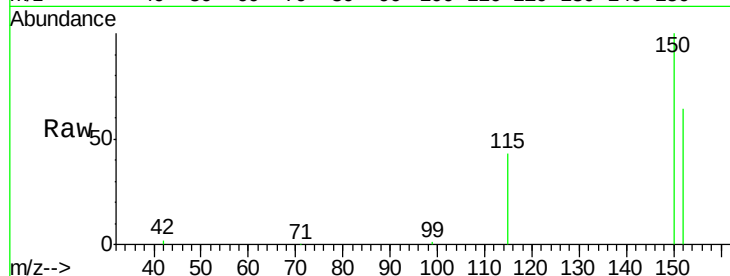
Tgt Ion:152 Resp: 41226

Ion Ratio Lower Upper

152 100

150 157.5 122.2 183.4

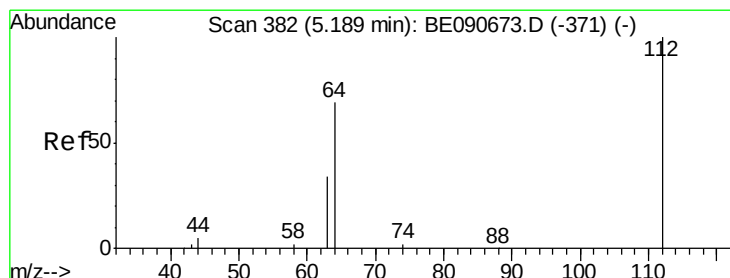
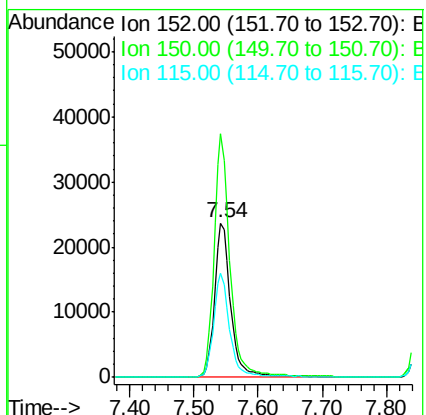
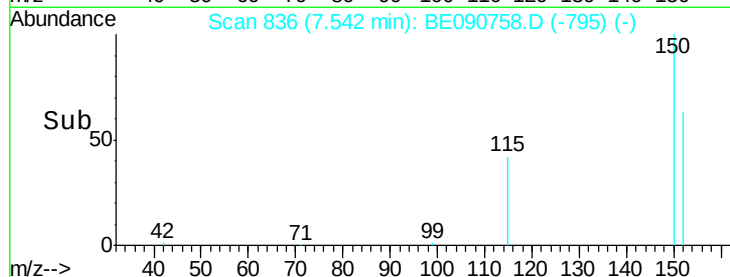
115 67.0 51.0 76.4



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: 9.13 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

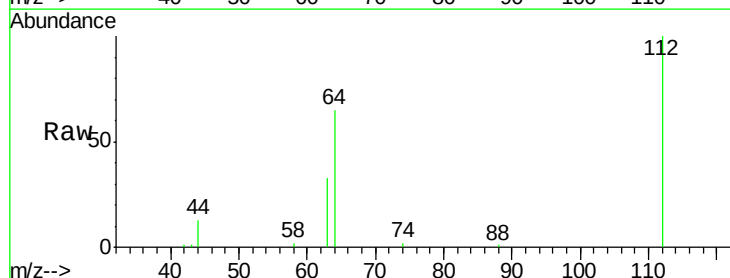
Tgt Ion:112 Resp: 73433

Ion Ratio Lower Upper

112 100

64 72.0 57.3 85.9

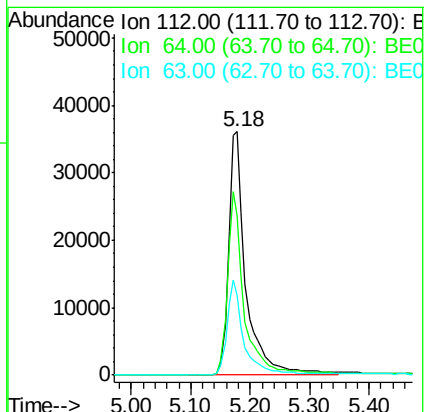
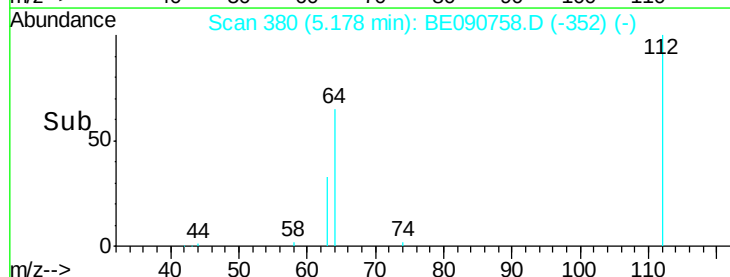
63 37.4 29.2 43.8

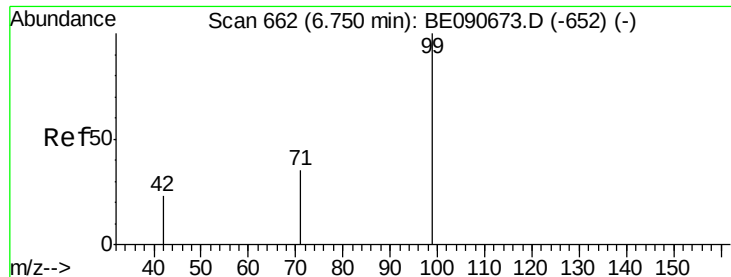


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.62 ng

RT: 6.74 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampled :

PB85478BL

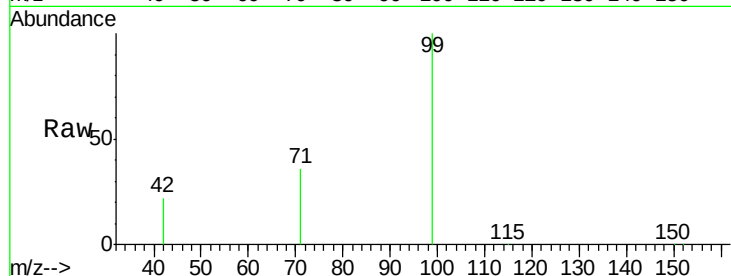
Tgt Ion: 99 Resp: 99001

Ion Ratio Lower Upper

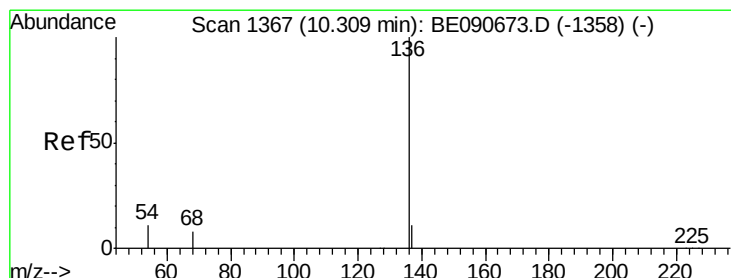
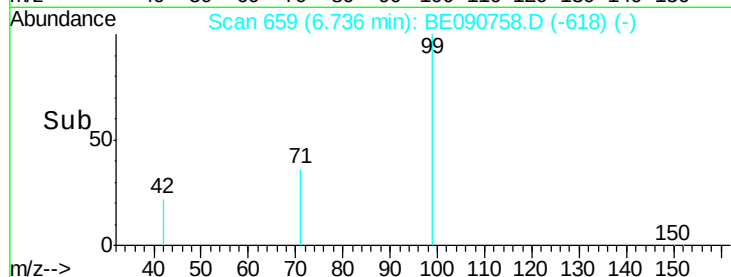
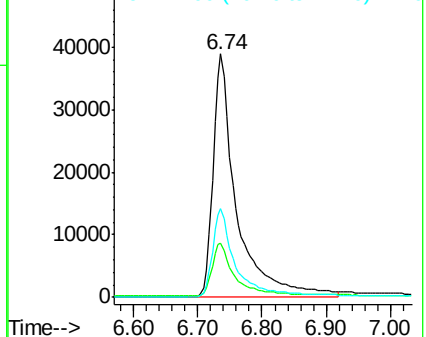
99 100

42 22.2 16.8 25.2

71 36.2 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Tgt Ion: 136 Resp: 174687

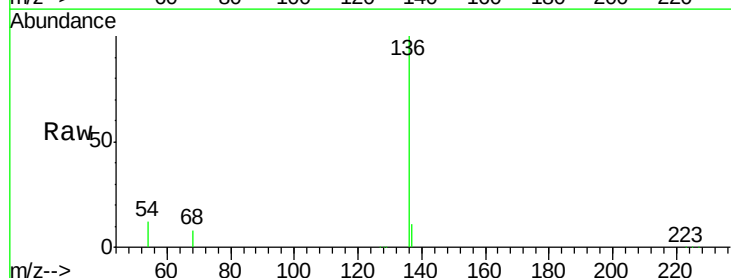
Ion Ratio Lower Upper

136 100

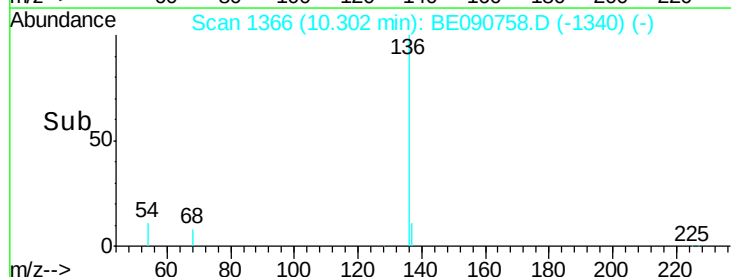
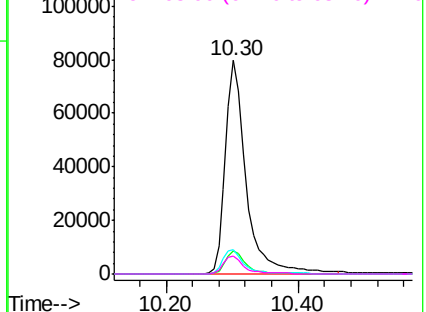
137 11.0 8.7 13.1

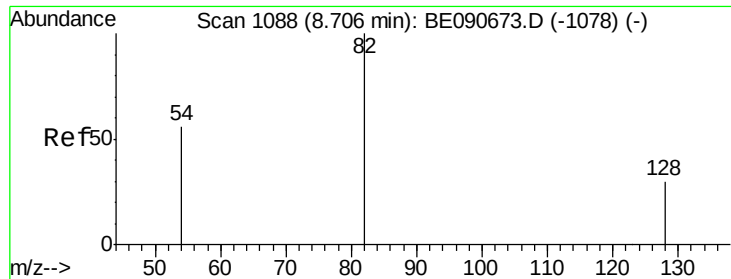
54 11.6 9.0 13.6

68 8.5 6.3 9.5



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: 3.98 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

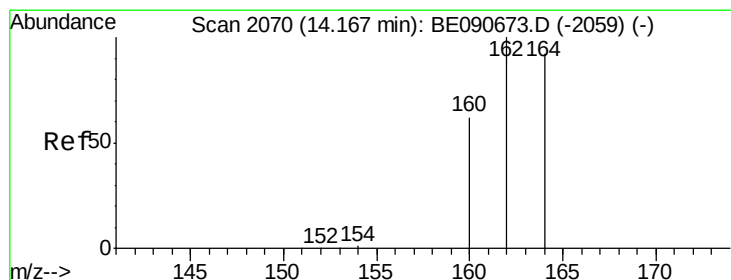
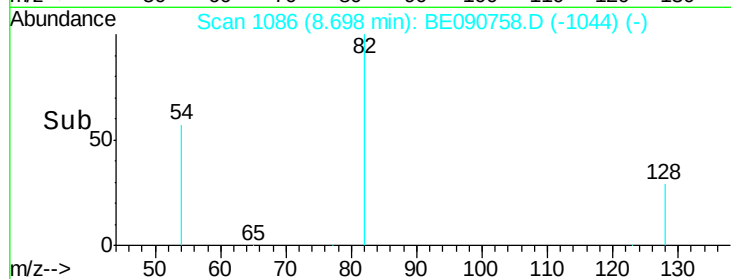
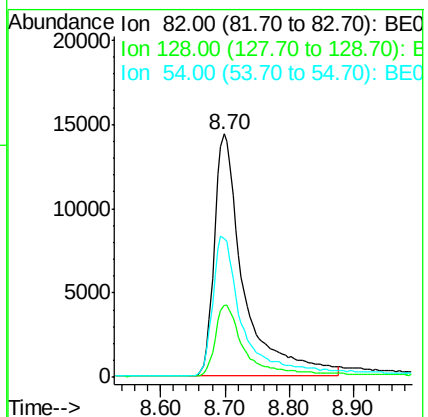
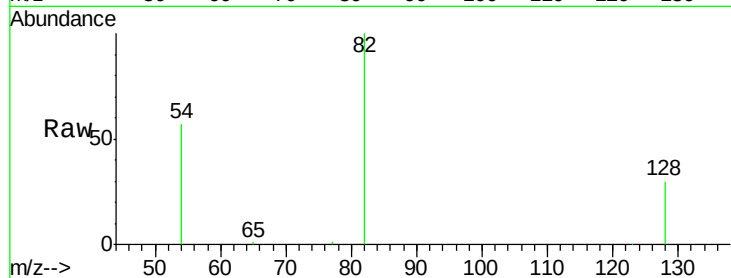
Tgt Ion: 82 Resp: 45943

Ion Ratio Lower Upper

82 100

128 29.6 25.0 37.4

54 57.1 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

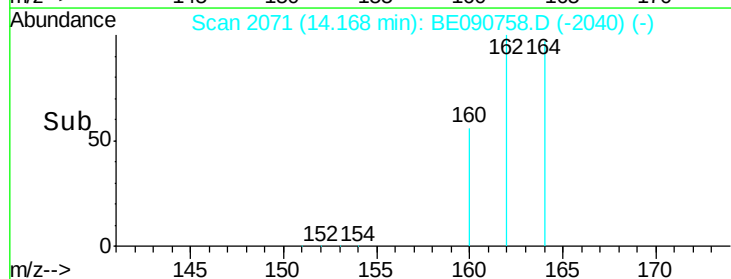
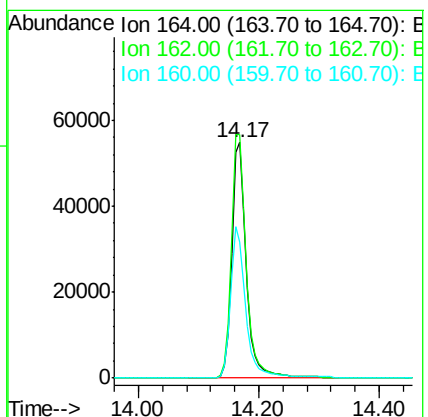
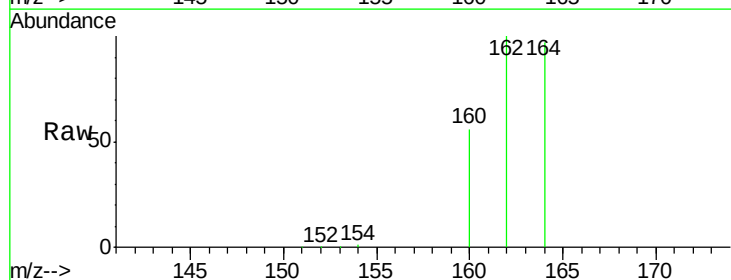
Tgt Ion: 164 Resp: 92626

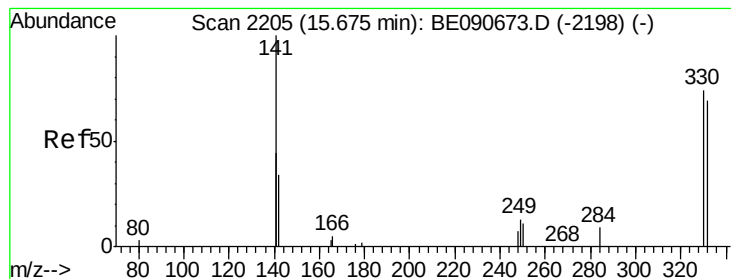
Ion Ratio Lower Upper

164 100

162 103.2 86.8 130.2

160 58.0 53.9 80.9





#13

2,4,6-Tribromophenol

Concen: 6.58 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

Instrument :

BNA_E

ClientSampleId :

PB85478BL

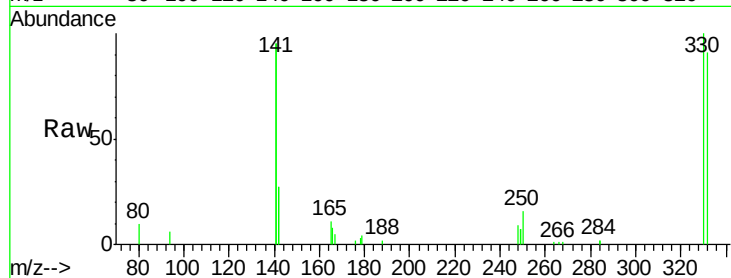
Tgt Ion:330 Resp: 17817

Ion Ratio Lower Upper

330 100

332 94.8 74.9 112.3

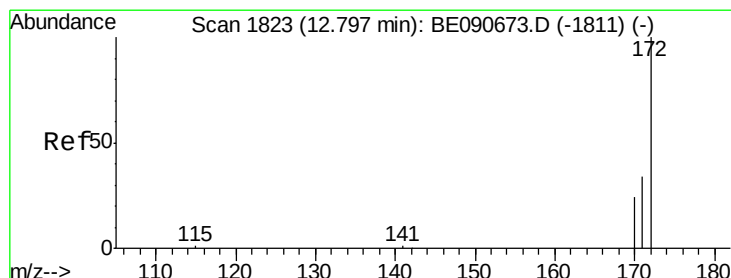
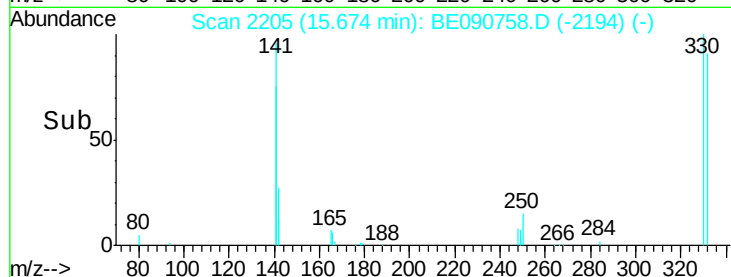
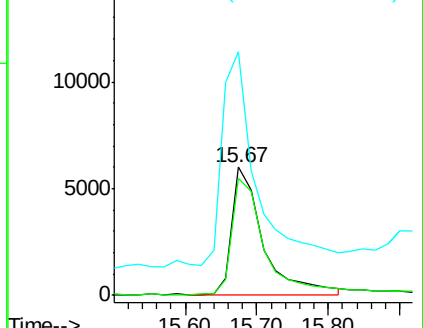
141 198.2 145.2 217.8



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



#14

2-Fluorobiphenyl

Concen: 3.92 ng

RT: 12.79 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BE090758.D

Acq: 10 Sep 2015 13:14

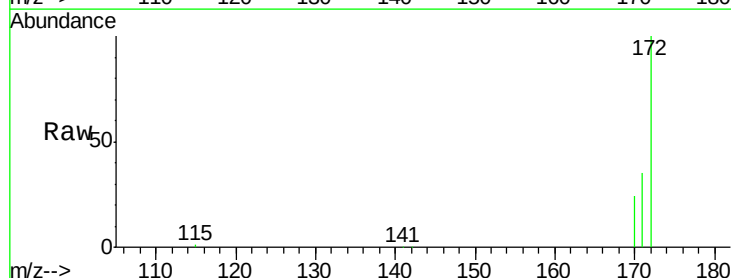
Tgt Ion:172 Resp: 100614

Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

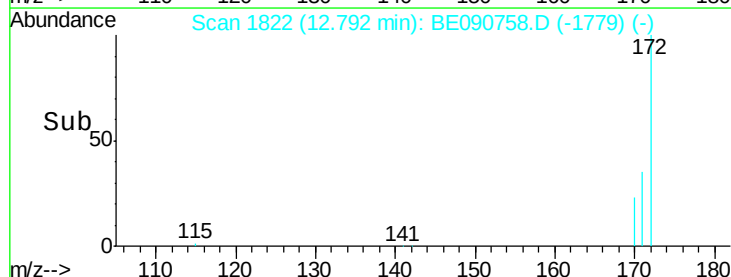
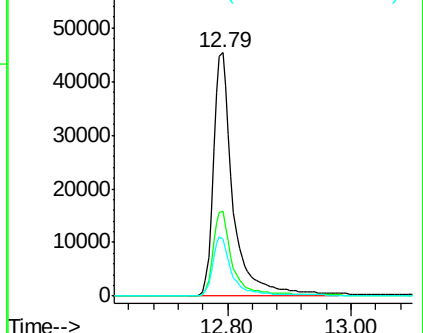
170 23.5 19.8 29.6

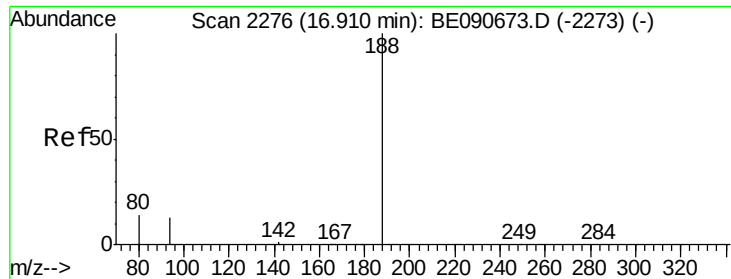


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

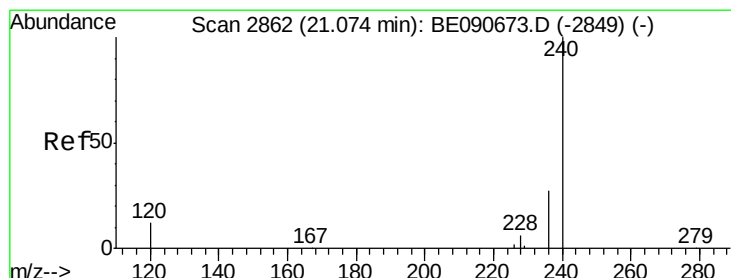
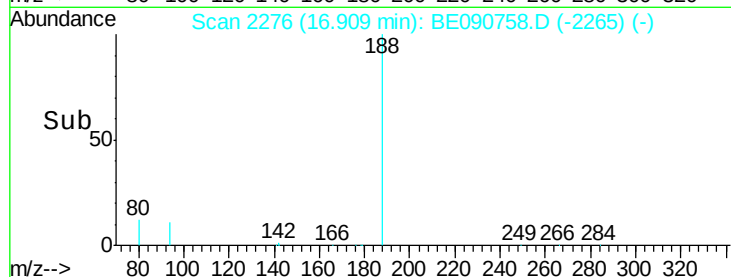
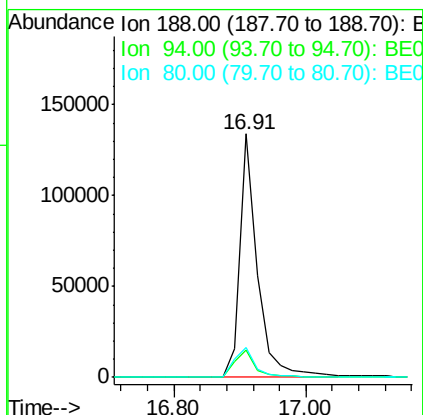
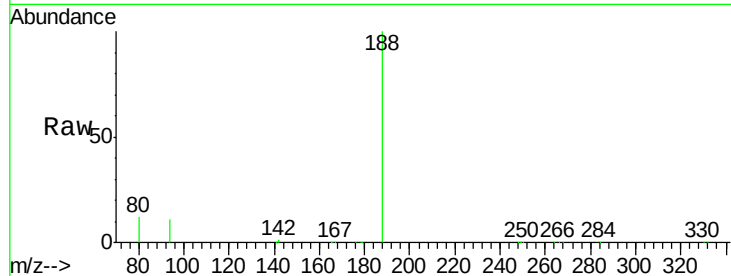




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090758.D
Acq: 10 Sep 2015 13:14

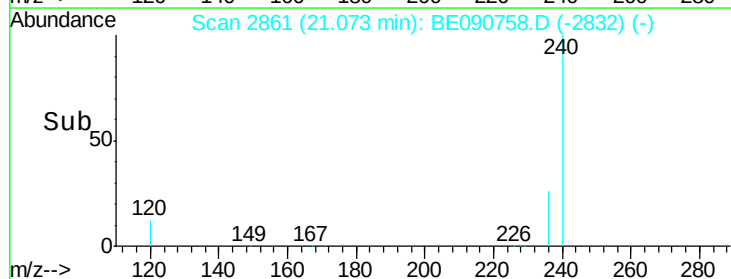
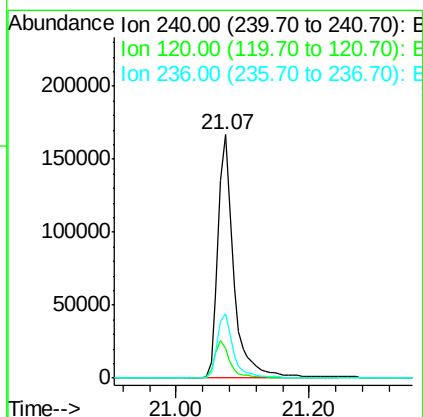
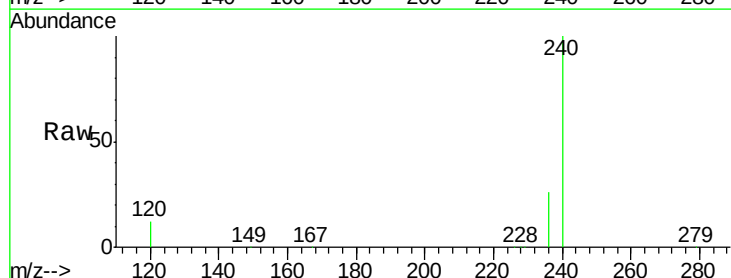
Instrument :
BNA_E
ClientSampleId :
PB85478BL

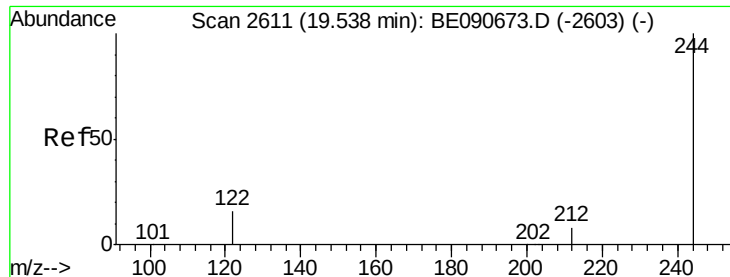
Tgt Ion:188 Resp: 247810
Ion Ratio Lower Upper
188 100
94 11.4 10.3 15.5
80 12.3 11.0 16.6



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090758.D
Acq: 10 Sep 2015 13:14

Tgt Ion:240 Resp: 275189
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 26.3 21.9 32.9

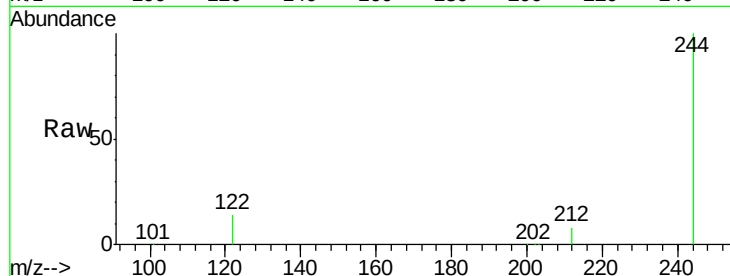




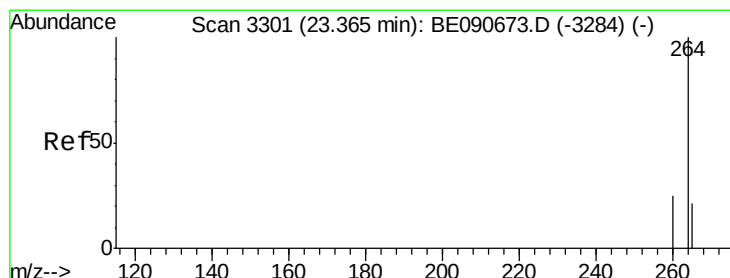
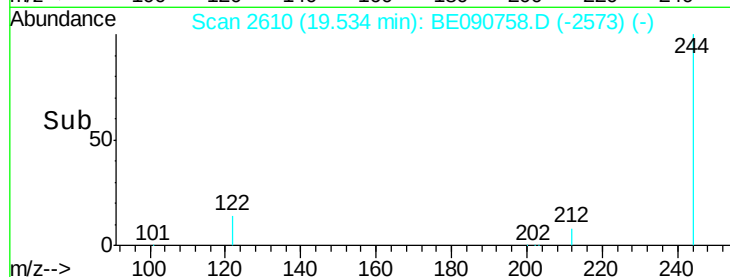
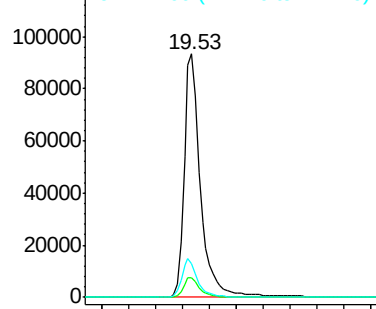
#27
 Terphenyl-d14
 Concen: 5.15 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.00 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

Instrument :
 BNA_E
 ClientSampleId :
 PB85478BL

Tgt Ion: 244 Resp: 156720
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 14.0 12.9 19.3

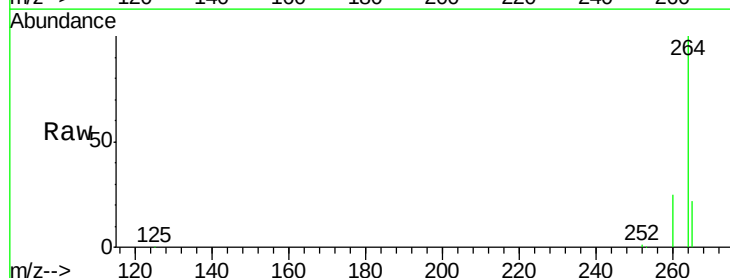


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090758.D
 Acq: 10 Sep 2015 13:14

Tgt Ion: 264 Resp: 245415
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 22.0 17.5 26.3



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

