

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
 Data File : BE090748.D
 Acq On : 8 Sep 2015 14:59
 Operator : UM/IZ
 Sample : PB85439BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BL

Quant Time: Sep 09 00:42:57 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:05:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	45376	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	201004	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	113318	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	288809	5.00	ng	0.00
25) Chrysene-d12	21.07	240	348487	5.00	ng	0.00
32) Perylene-d12	23.36	264	318890	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	70248	7.94	ng	-0.01
5) Phenol-d6	6.74	99	96671	7.65	ng	-0.01
7) Nitrobenzene-d5	8.69	82	44055	3.32	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	21375	6.46	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	96066	3.06	ng	0.00
27) Terphenyl-d14	19.53	244	163172	4.23	ng	0.00

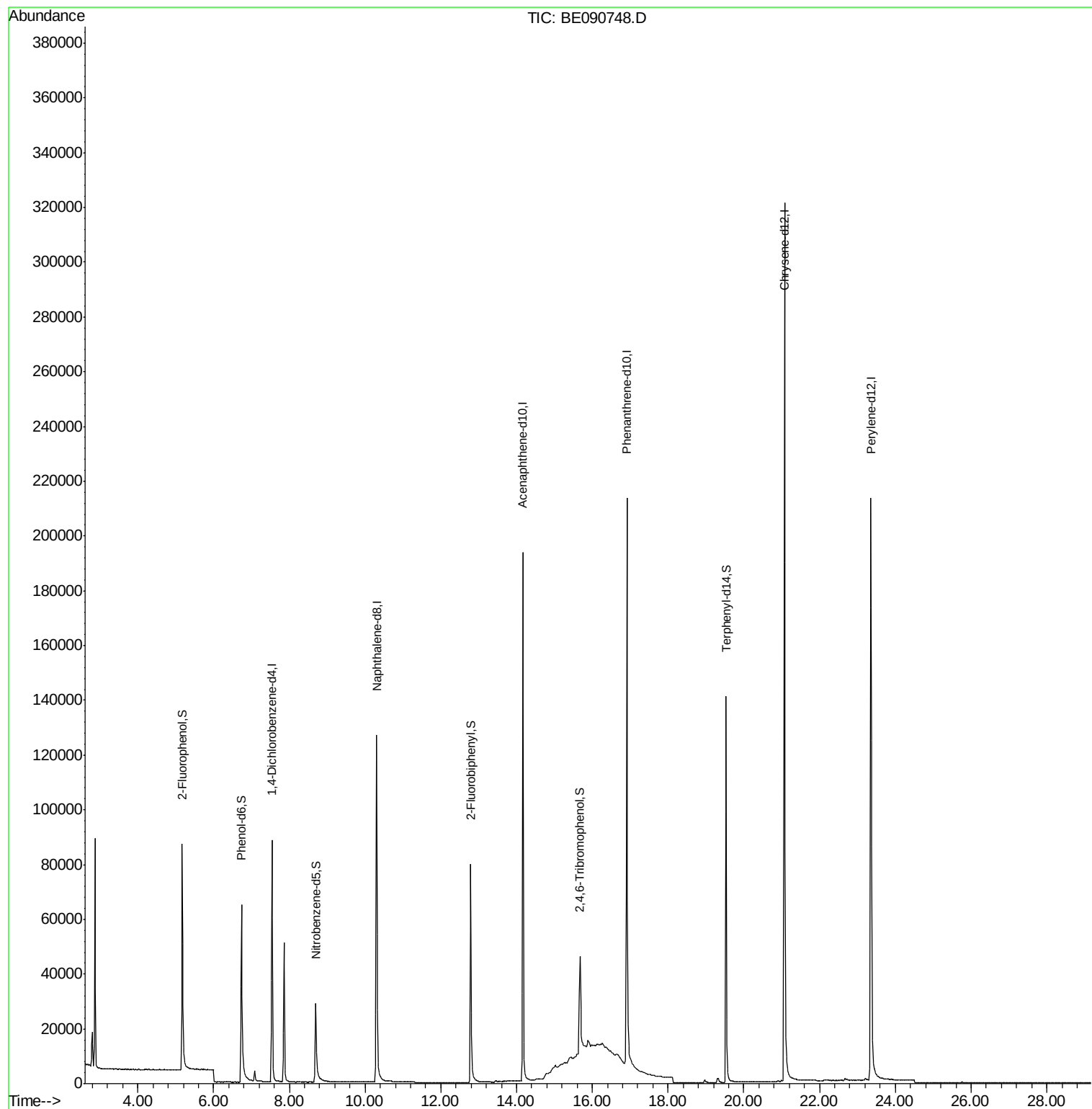
Target Compounds	Qvalue
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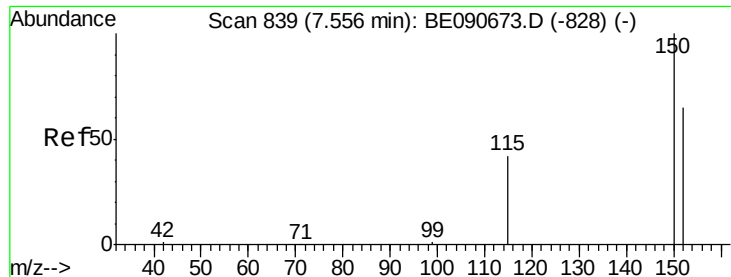
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090748.D

Acq: 8 Sep 2015 14:59

Instrument :

BNA_E

ClientSampled :

PB85439BL

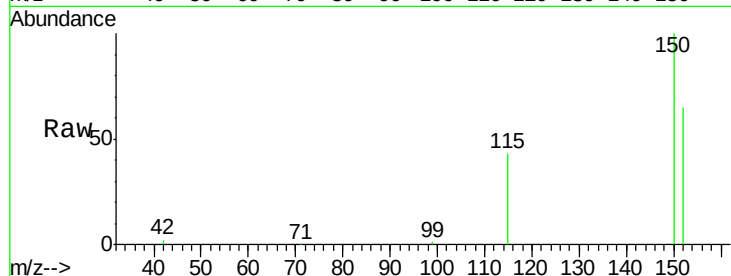
Tgt Ion:152 Resp: 45376

Ion Ratio Lower Upper

152 100

150 154.2 122.2 183.4

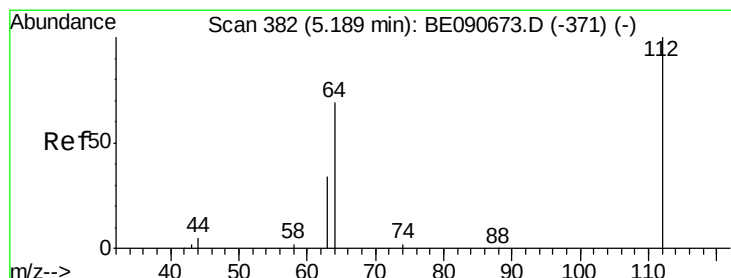
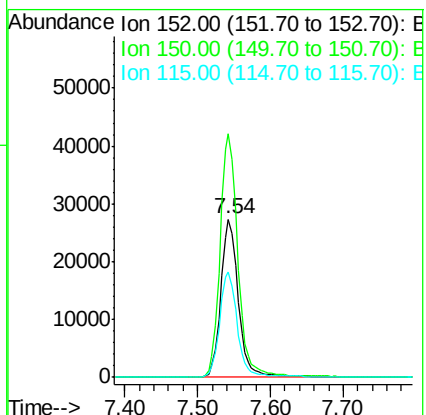
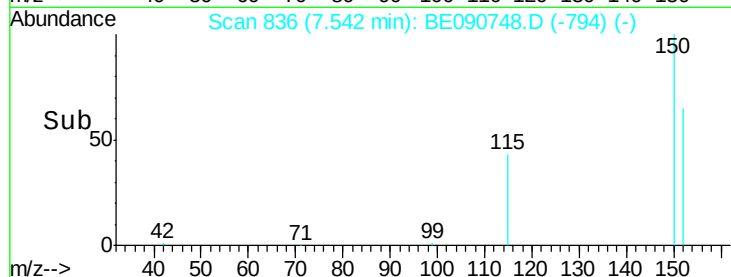
115 66.4 51.0 76.4



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: 7.94 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

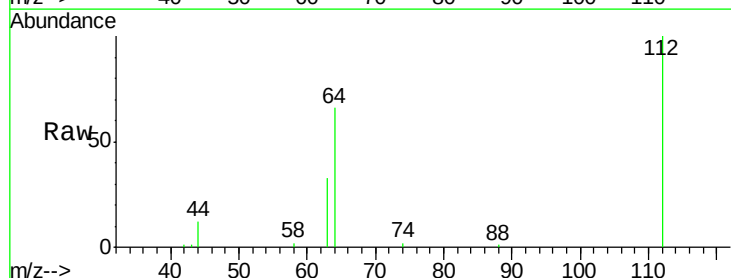
Tgt Ion:112 Resp: 70248

Ion Ratio Lower Upper

112 100

64 72.3 57.3 85.9

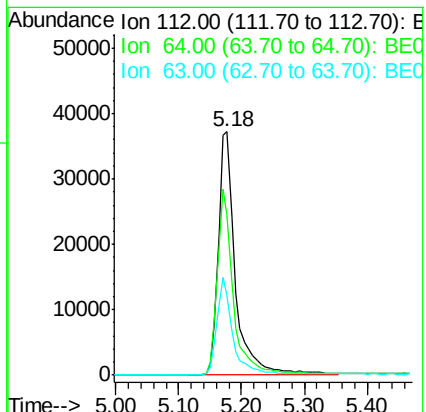
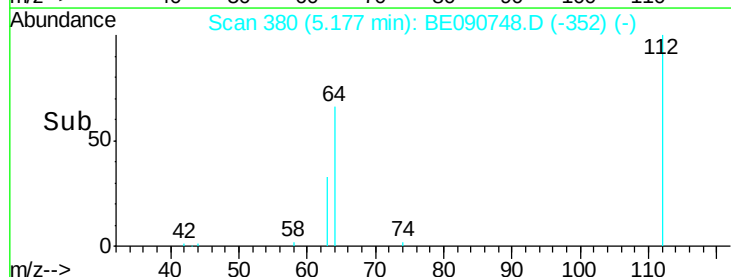
63 37.4 29.2 43.8

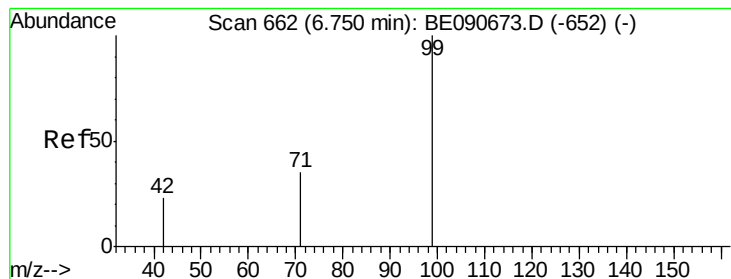


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.65 ng

RT: 6.74 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

Instrument :

BNA_E

ClientSampled :

PB85439BL

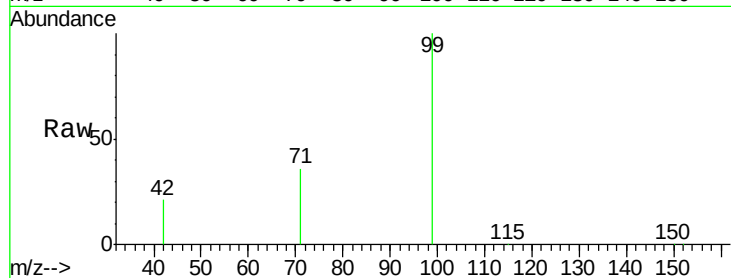
Tgt Ion: 99 Resp: 96671

Ion Ratio Lower Upper

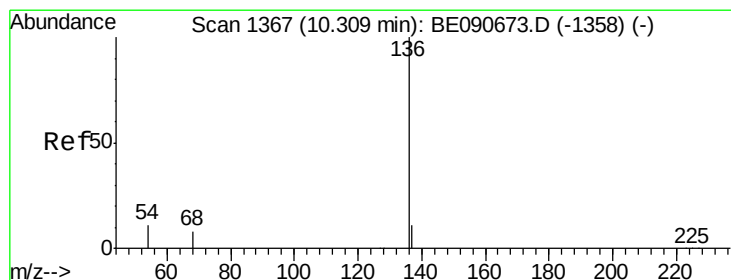
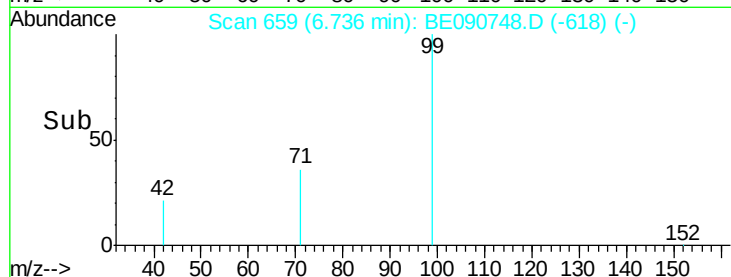
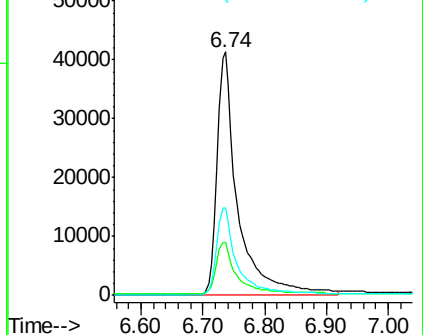
99 100

42 21.8 16.8 25.2

71 36.1 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. 0.00 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

Tgt Ion: 136 Resp: 201004

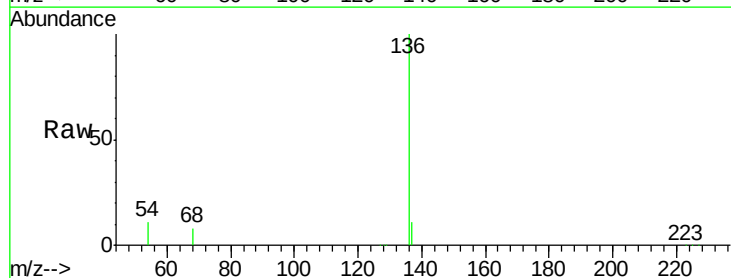
Ion Ratio Lower Upper

136 100

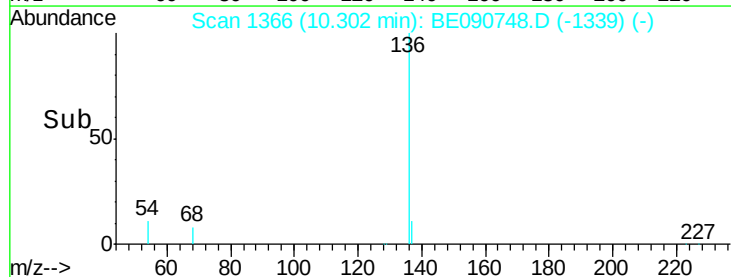
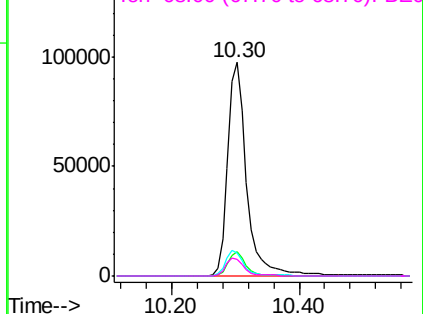
137 11.1 8.7 13.1

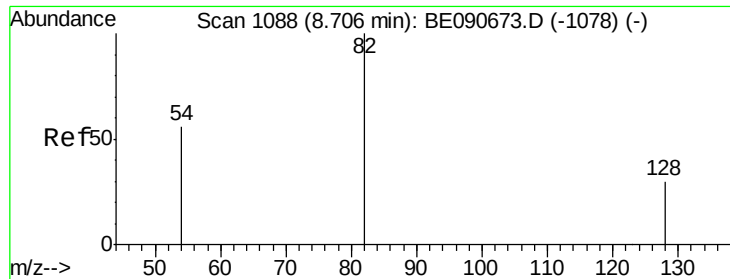
54 11.0 9.0 13.6

68 8.0 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: 3.32 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85439BL

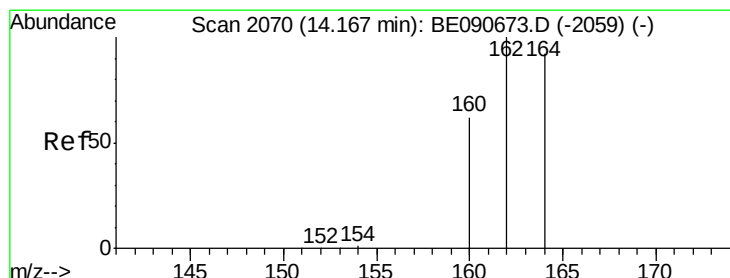
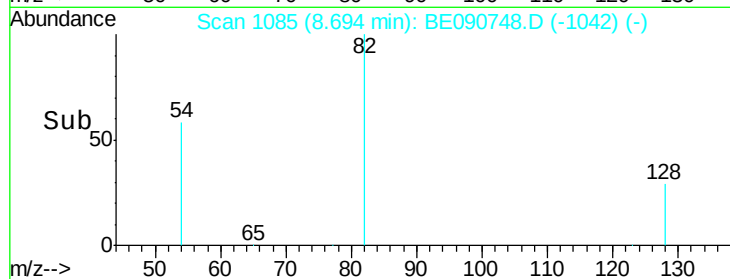
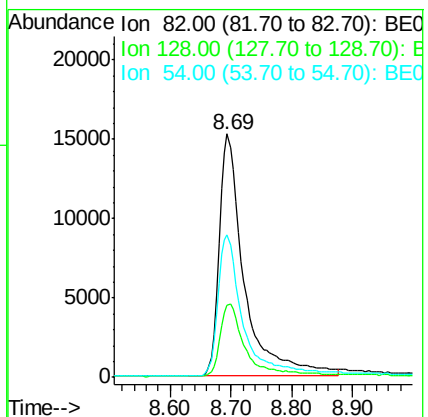
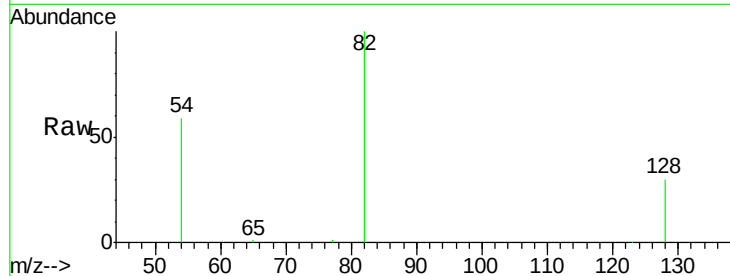
Tgt Ion: 82 Resp: 44055

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

54 58.7 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

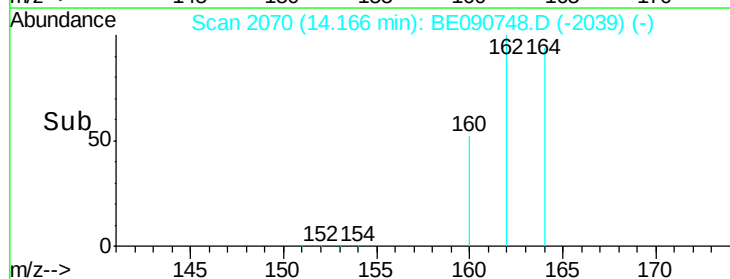
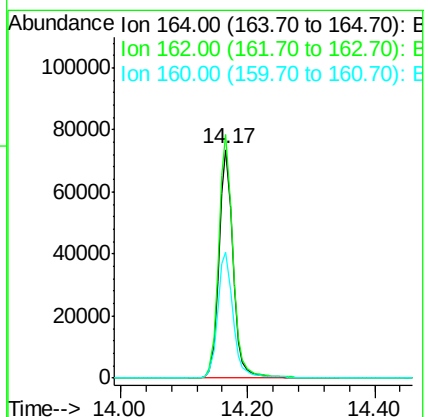
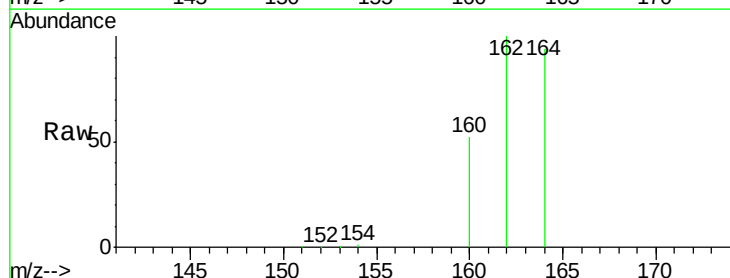
Tgt Ion: 164 Resp: 113318

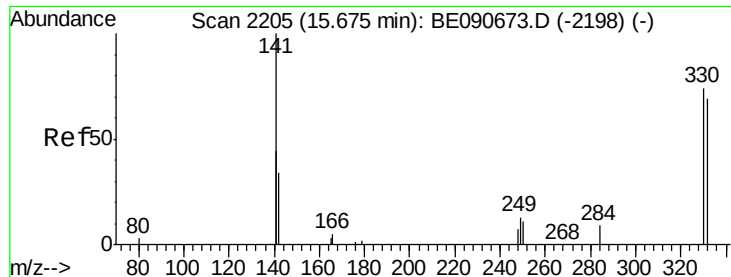
Ion Ratio Lower Upper

164 100

162 106.6 86.8 130.2

160 55.0 53.9 80.9

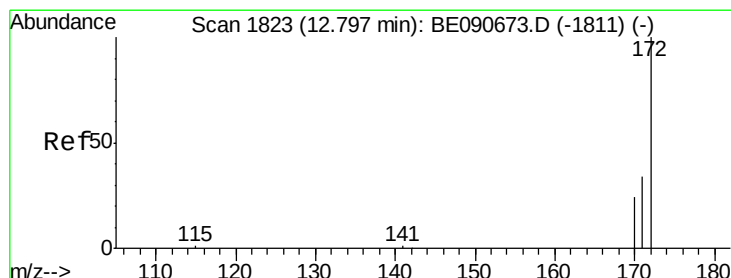
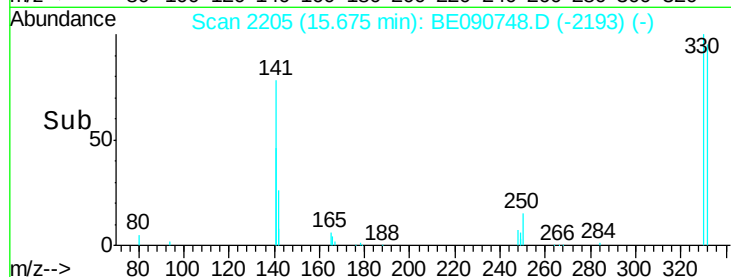
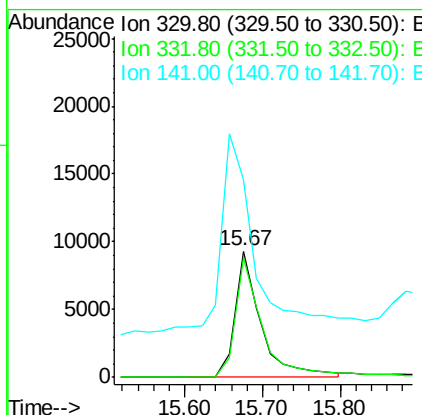
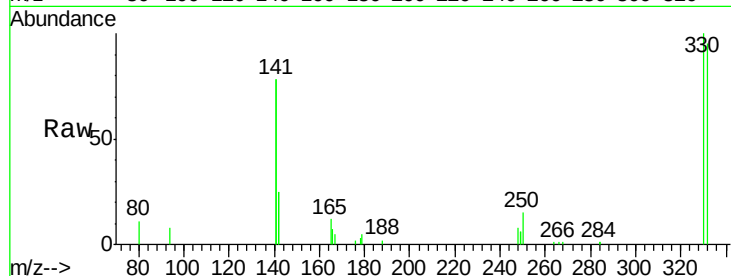




#13
 2,4,6-Tribromophenol
 Concen: 6.46 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE090748.D
 Acq: 8 Sep 2015 14:59

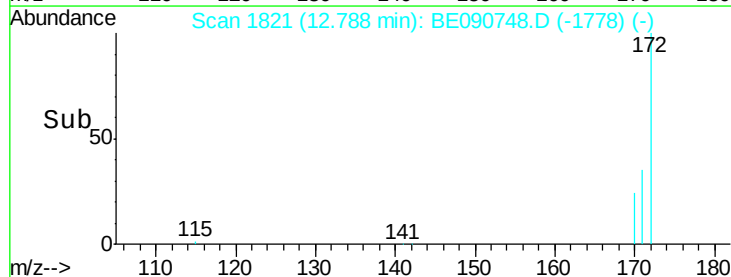
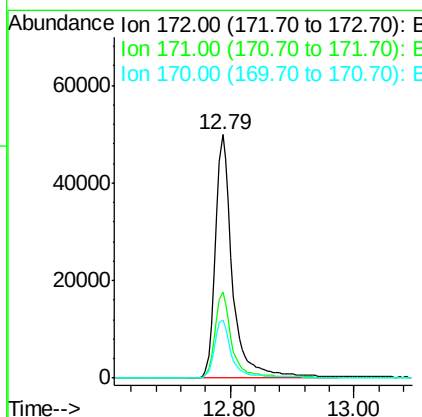
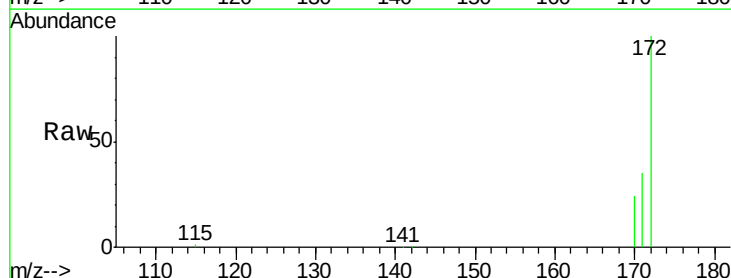
Instrument :
 BNA_E
 ClientSampleId :
 PB85439BL

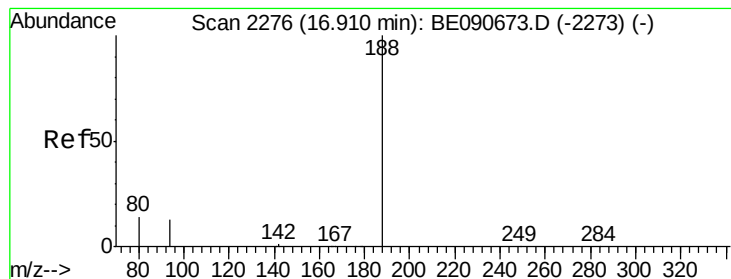
Tgt Ion:330 Resp: 21375
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.9 112.3
 141 228.8 145.2 217.8#



#14
 2-Fluorobiphenyl
 Concen: 3.06 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BE090748.D
 Acq: 8 Sep 2015 14:59

Tgt Ion:172 Resp: 96066
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.8
 170 23.7 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

Instrument :

BNA_E

ClientSampleId :

PB85439BL

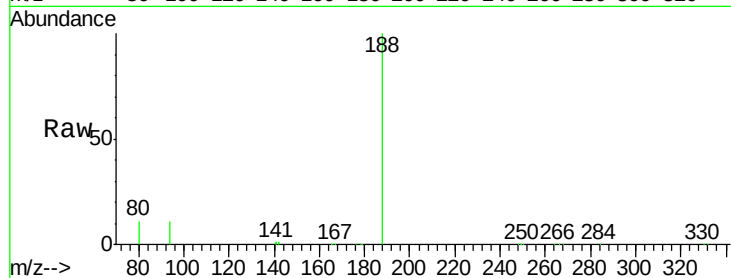
Tgt Ion:188 Resp: 288809

Ion Ratio Lower Upper

188 100

94 10.5 10.3 15.5

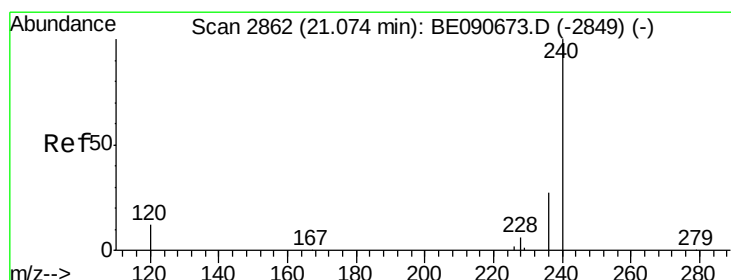
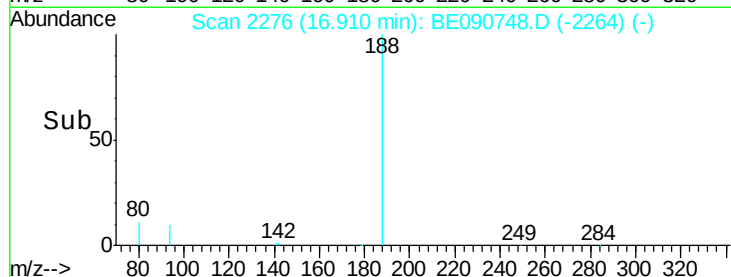
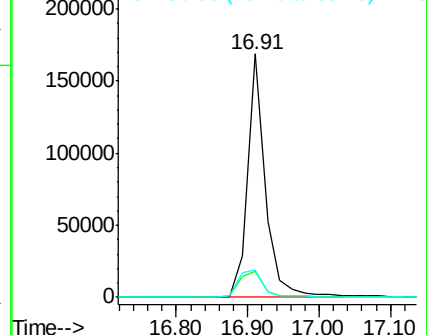
80 11.2 11.0 16.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090748.D

Acq: 8 Sep 2015 14:59

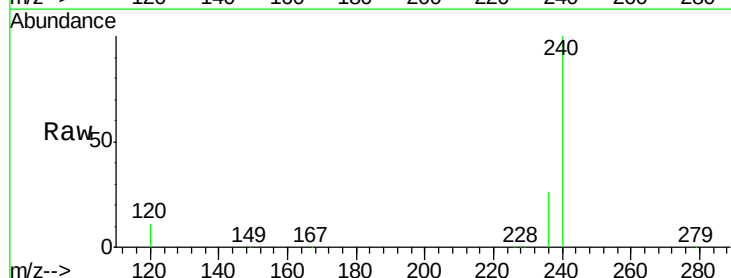
Tgt Ion:240 Resp: 348487

Ion Ratio Lower Upper

240 100

120 10.8 10.1 15.1

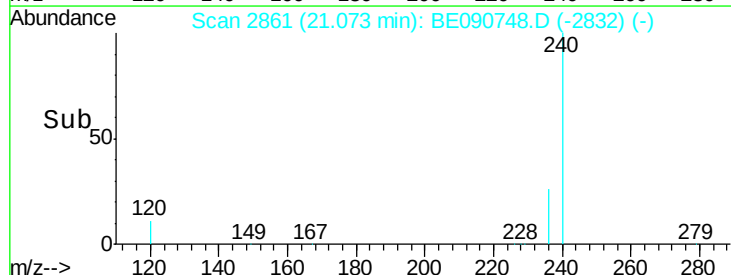
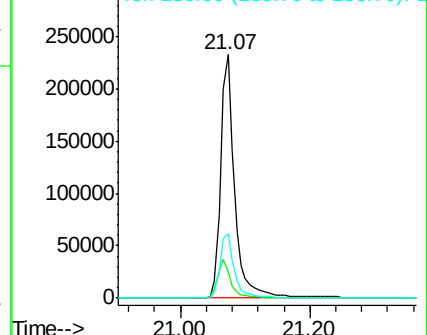
236 26.4 21.9 32.9

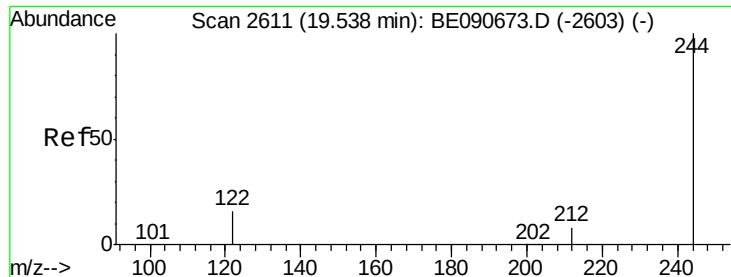


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

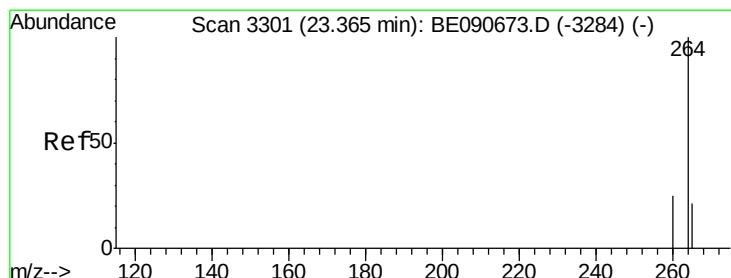
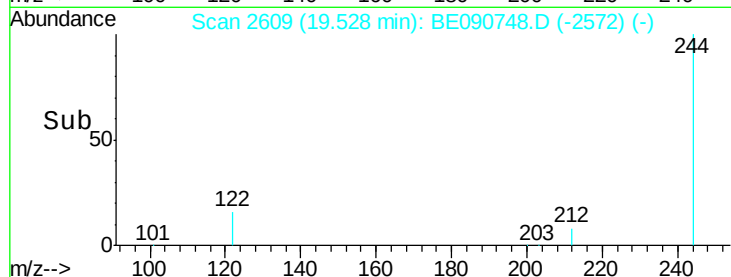
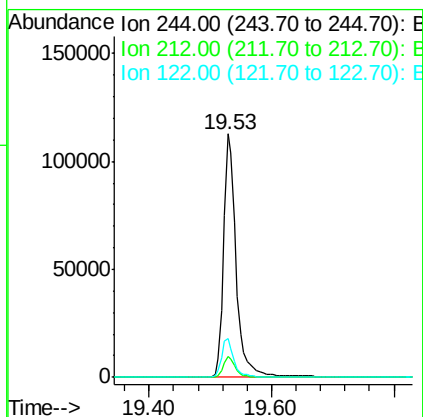
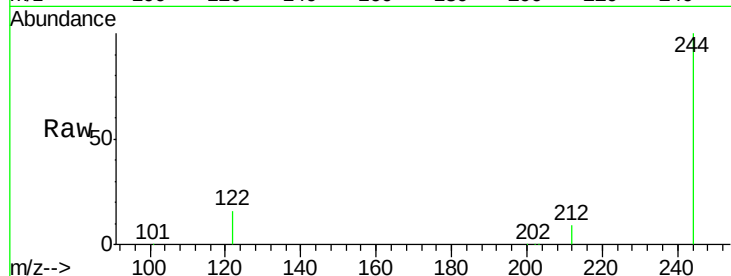




#27
 Terphenyl-d14
 Concen: 4.23 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BE090748.D
 Acq: 8 Sep 2015 14:59

Instrument :
 BNA_E
 ClientSampleId :
 PB85439BL

Tgt Ion: 244 Resp: 163172
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 15.8 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BE090748.D
 Acq: 8 Sep 2015 14:59

Tgt Ion: 264 Resp: 318890
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.9 17.5 26.3

