

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100715\
 Data File : BE090991.D
 Acq On : 7 Oct 2015 18:12
 Operator : UM/IZ
 Sample : G3965-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-2

Quant Time: Oct 08 04:09:26 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 01:45:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60182	5.00	ng	0.00
7) Naphthalene-d8	9.64	136	277753	5.00	ng	0.00
13) Acenaphthene-d10	13.46	164	151172	5.00	ng	0.00
19) Phenanthrene-d10	16.19	188	357800	5.00	ng	0.00
26) Chrysene-d12	20.33	240	460905	5.00	ng	0.00
35) Perylene-d12	22.25	264	489828	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	38927	3.23	ng	0.00
5) Phenol-d6	6.62	99	31670	2.06	ng	0.00
8) Nitrobenzene-d5	8.23	82	68464	3.78	ng	0.00
14) 2,4,6-Tribromophenol	14.99	330	35678	6.84	ng	0.00
15) 2-Fluorobiphenyl	12.09	172	144552	3.53	ng	0.00
29) Terphenyl-d14	18.73	244	233731	4.12	ng	0.00

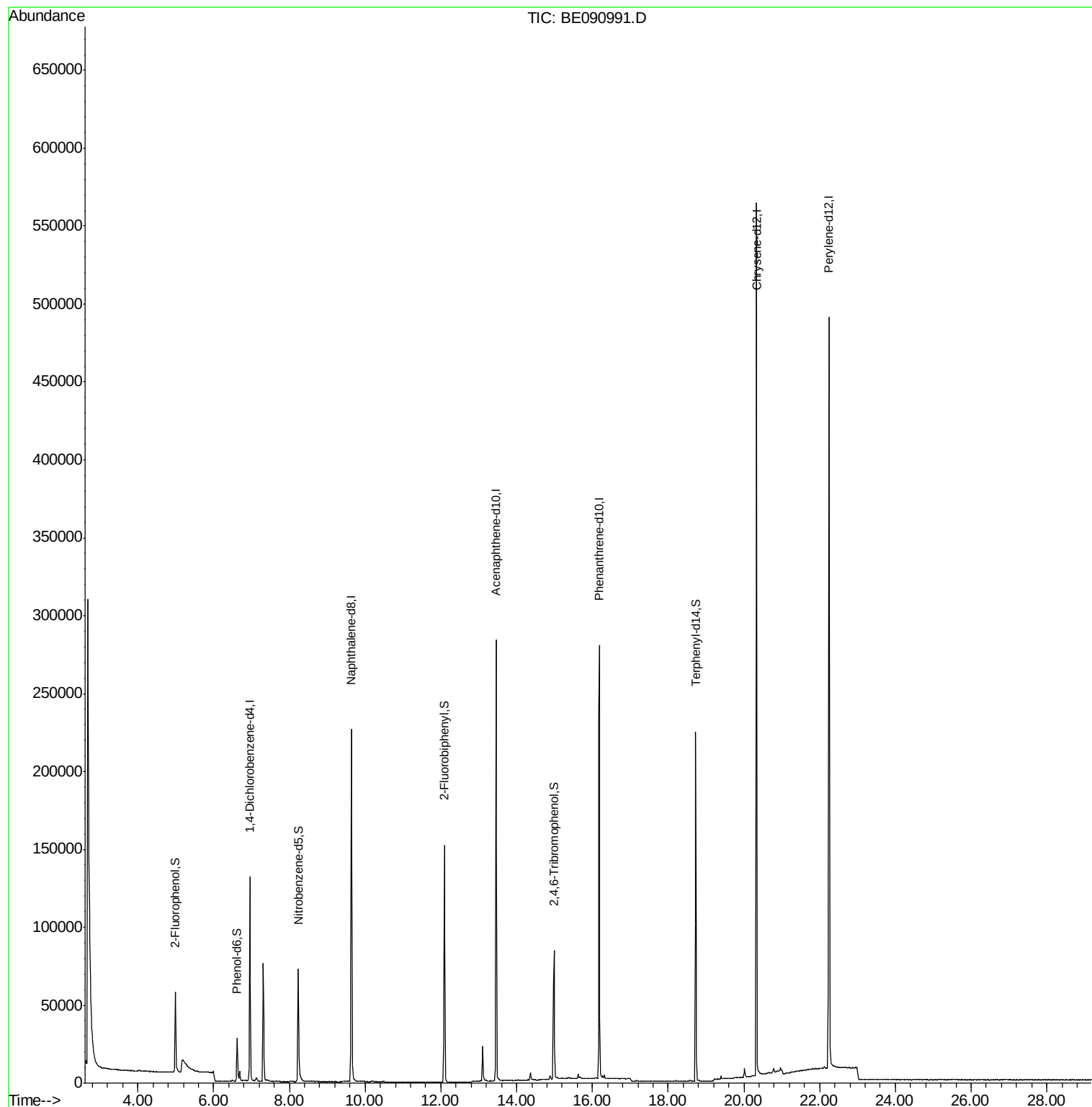
Target Compounds Qvalue

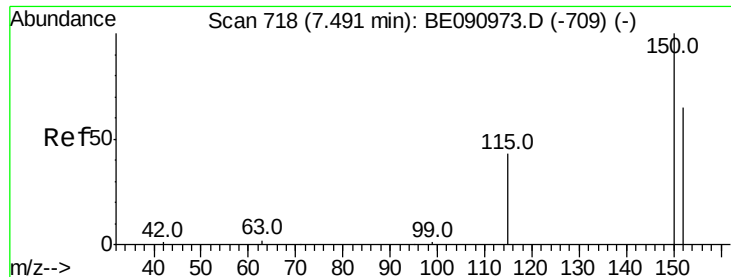
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.96 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

Instrument :

BNA_E

ClientSampled :

TW-2

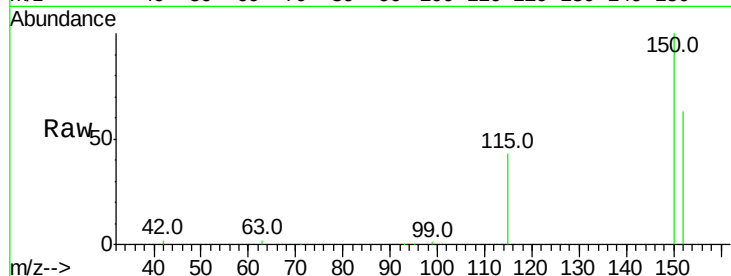
Tot Ion:152 Resp: 60182

Ion Ratio Lower Upper

152 100

150 159.9 122.6 183.8

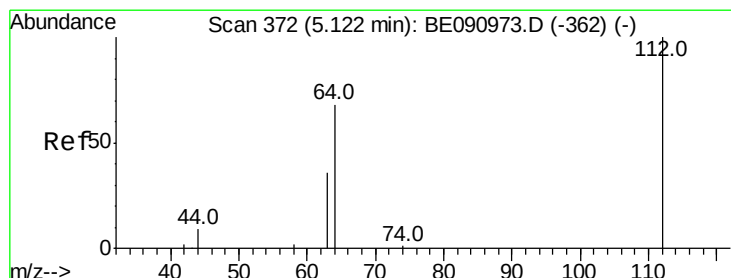
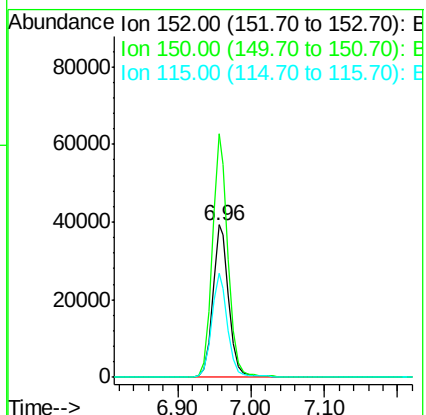
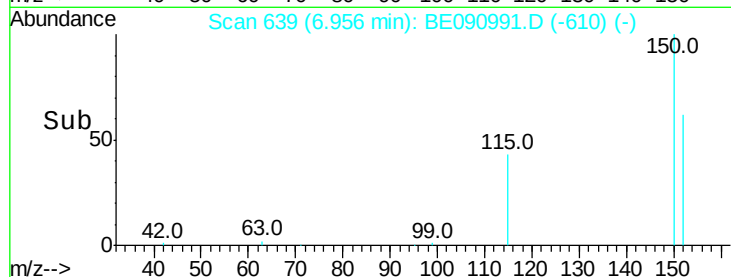
115 68.7 52.8 79.2



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: 3.23 ng

RT: 4.99 min Scan# 353

Delta R.T. -0.01 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

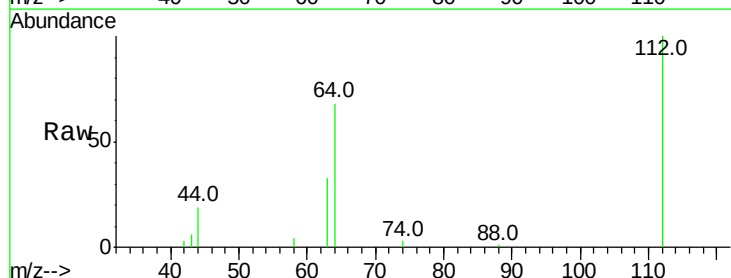
Tgt Ion:112 Resp: 38927

Ion Ratio Lower Upper

112 100

64 73.6 30.9 46.3#

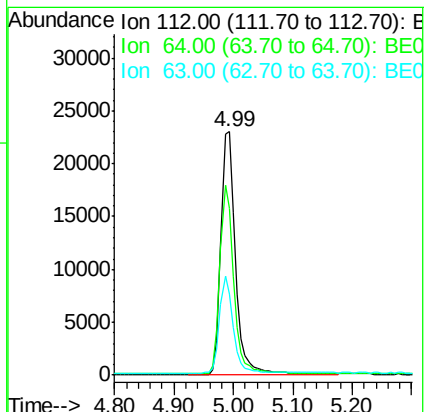
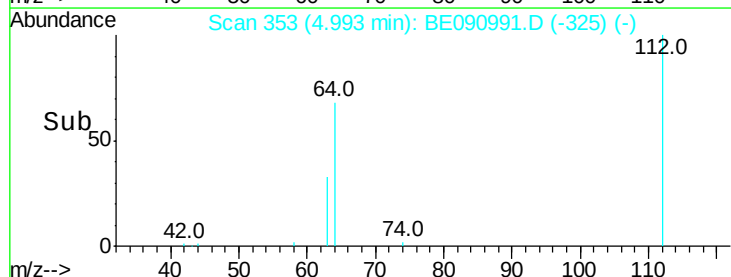
63 37.6 16.7 25.1#

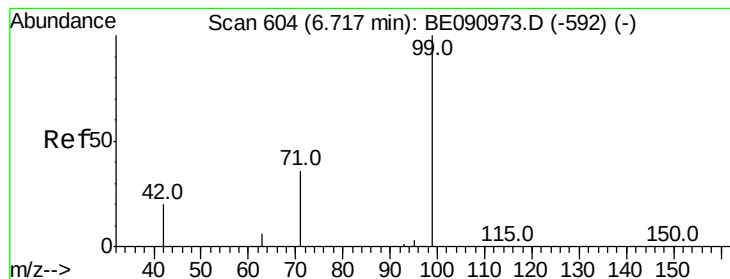


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.06 ng

RT: 6.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

Instrument :

BNA_E

ClientSampleId :

TW-2

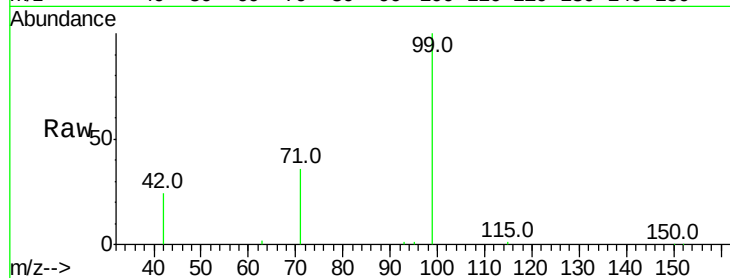
Tot Ion: 99 Resp: 31670

Ion Ratio Lower Upper

99 100

42 21.0 16.2 24.2

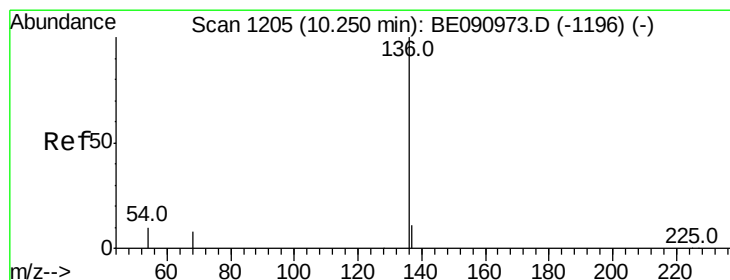
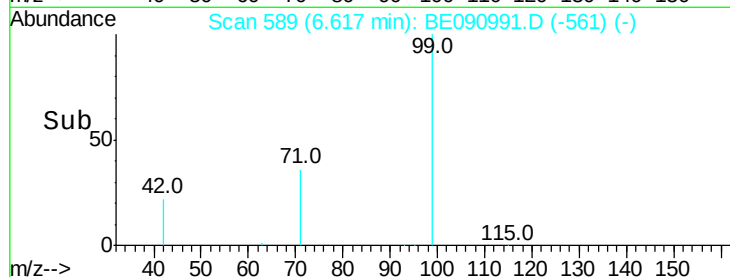
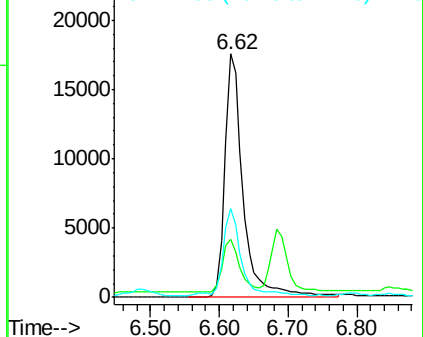
71 36.6 29.0 43.4



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.64 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

Tgt Ion: 136 Resp: 277753

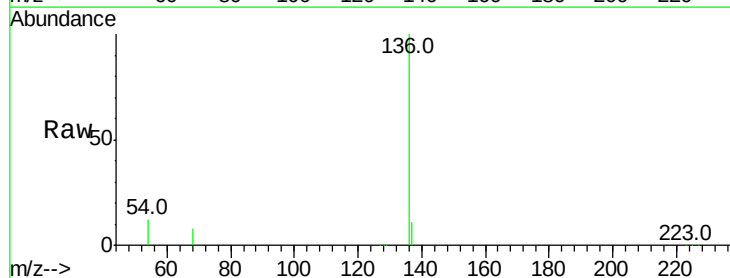
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 11.6 8.2 12.4

68 8.4 6.2 9.4

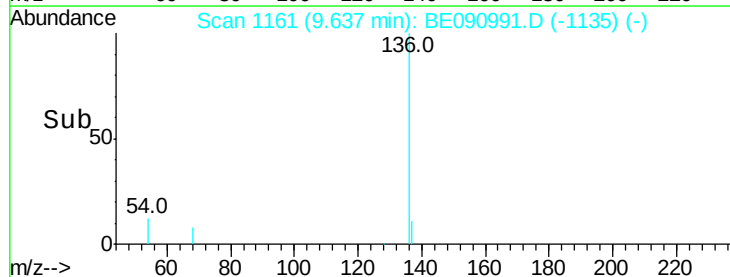
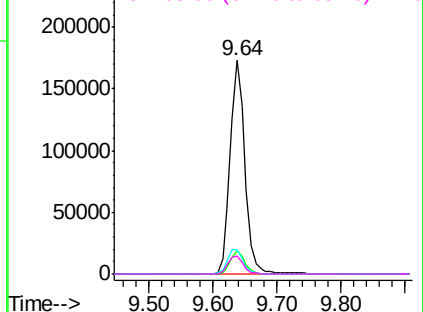


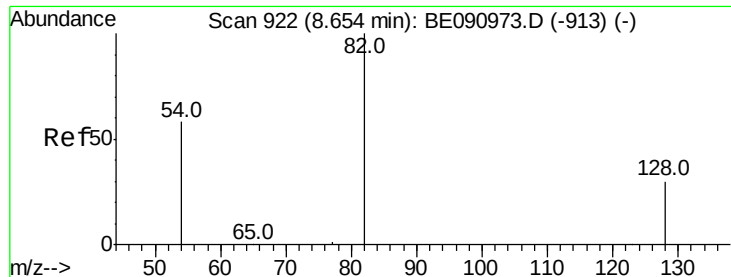
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 3.78 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

Instrument :

BNA_E

ClientSampled :

TW-2

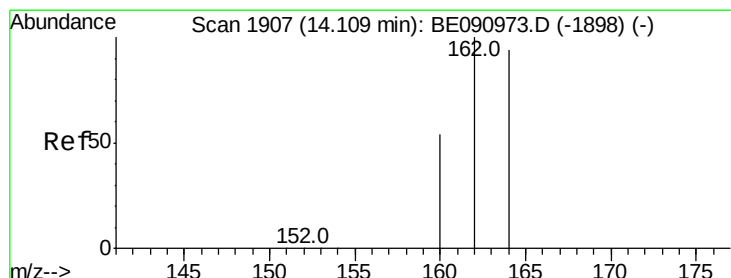
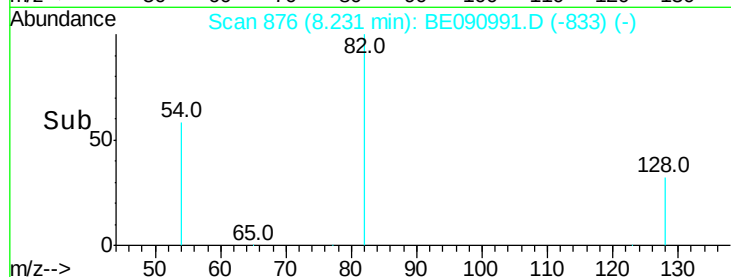
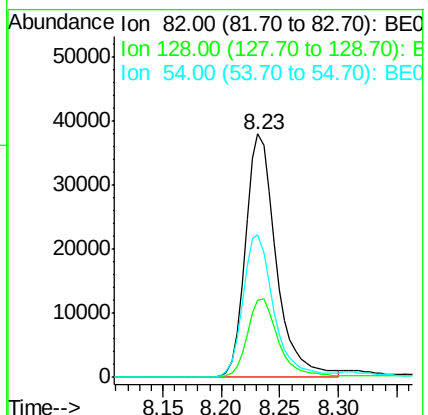
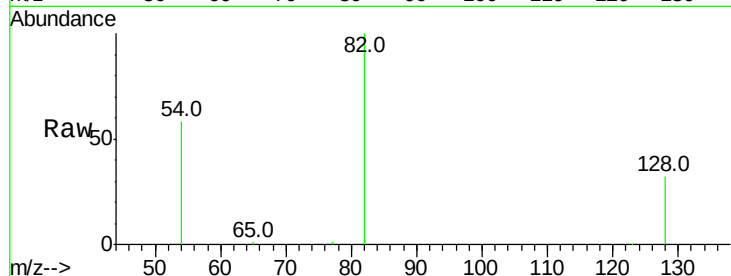
Tot Ion: 82 Resp: 68464

Ion Ratio Lower Upper

82 100

128 31.8 25.4 38.0

54 58.5 48.4 72.6



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.46 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

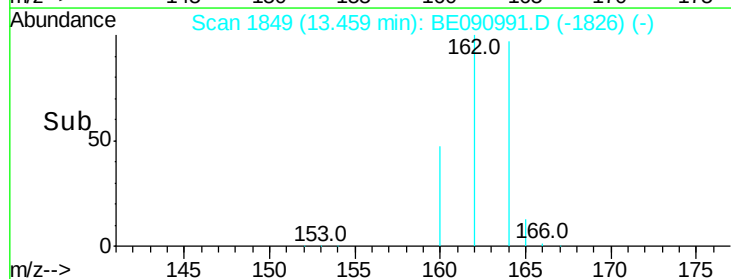
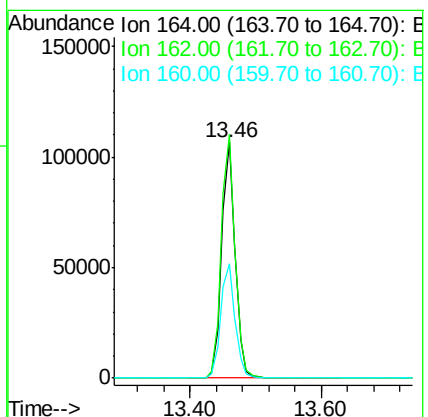
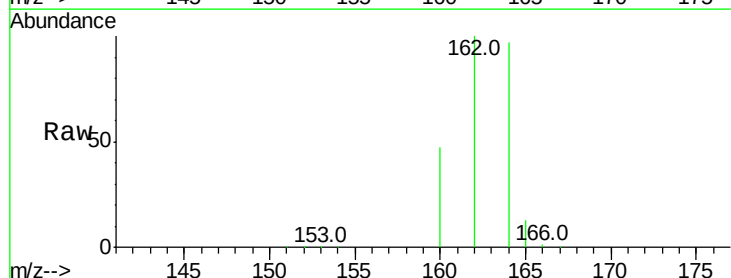
Tgt Ion: 164 Resp: 151172

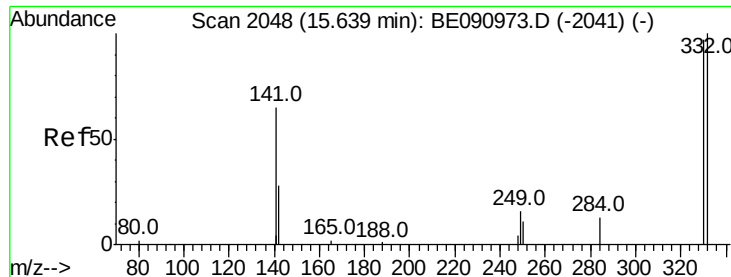
Ion Ratio Lower Upper

164 100

162 103.3 85.3 127.9

160 48.6 46.2 69.2

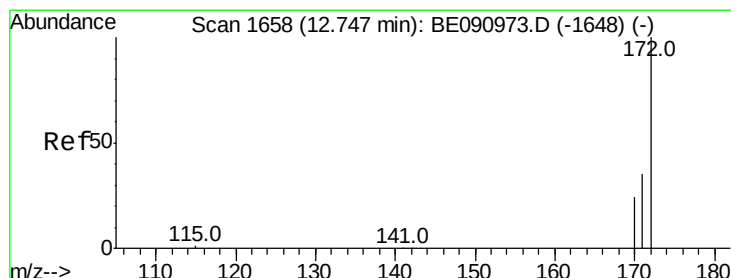
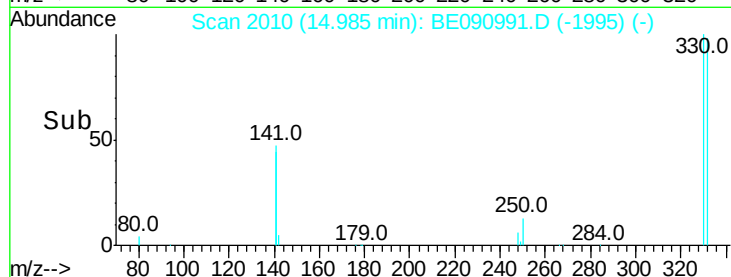
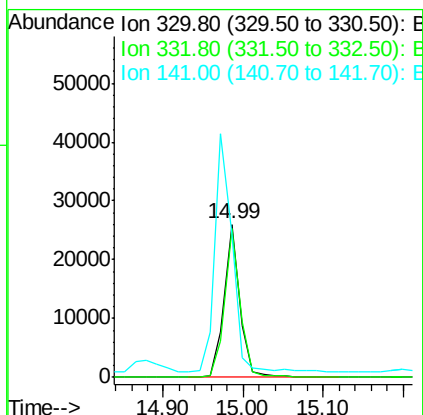
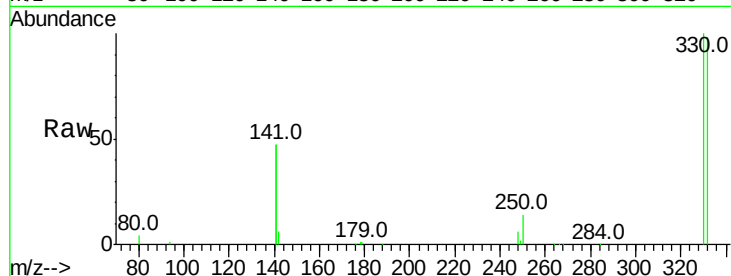




#14
 2,4,6-Tribromophenol
 Concen: 6.84 ng
 RT: 14.99 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BE090991.D
 Acq: 7 Oct 2015 18:12

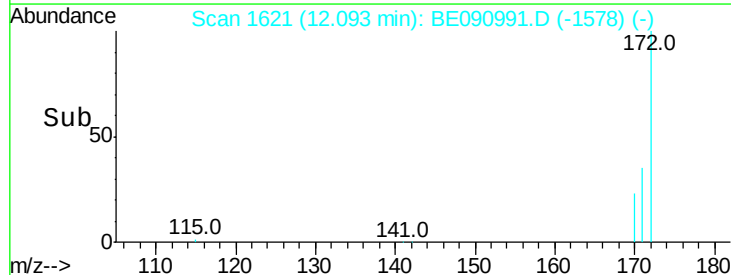
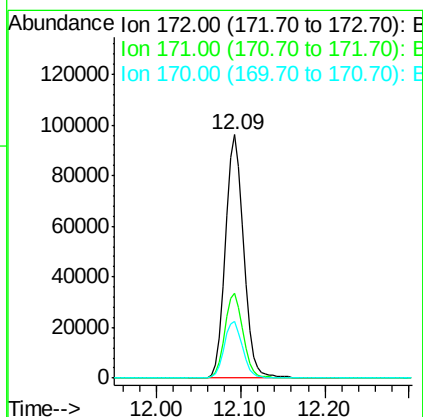
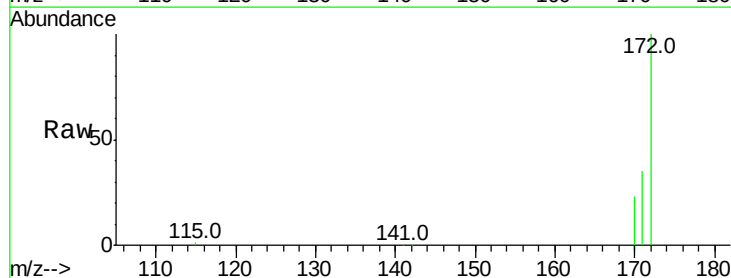
Instrument :
 BNA_E
 ClientSampled :
 TW-2

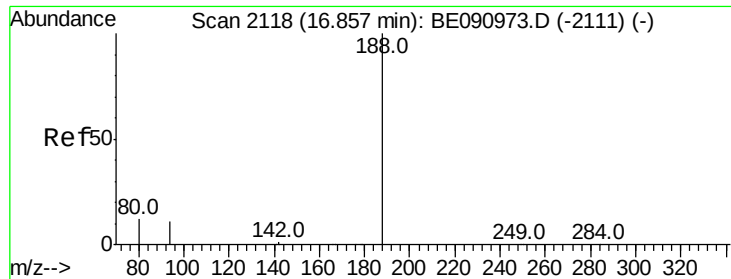
Tot Ion:330 Resp: 35678
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.1 118.7
 141 170.3 125.4 188.0



#15
 2-Fluorobiphenyl
 Concen: 3.53 ng
 RT: 12.09 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE090991.D
 Acq: 7 Oct 2015 18:12

Tgt Ion:172 Resp: 144552
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.8 43.2
 170 23.2 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.19 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

Instrument :

BNA_E

ClientSampleId :

TW-2

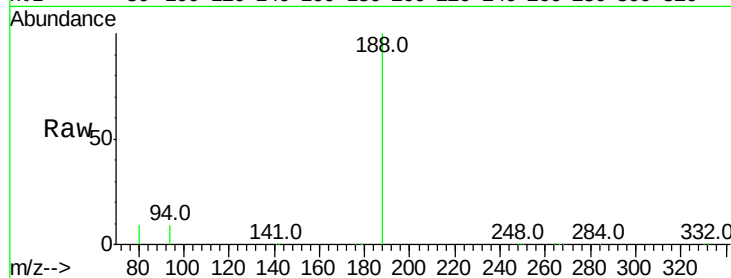
Tot Ion:188 Resp: 357800

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

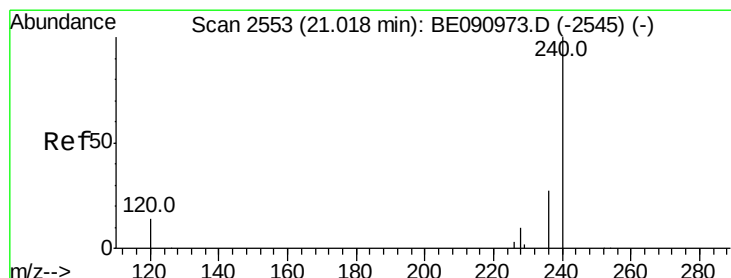
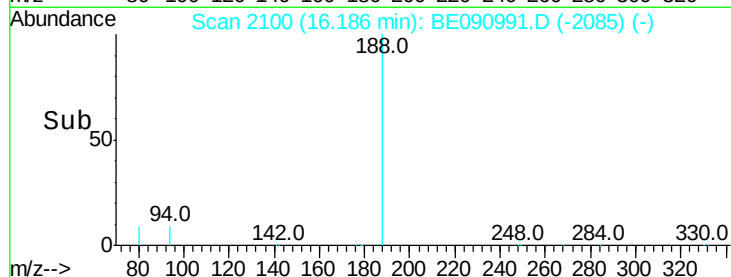
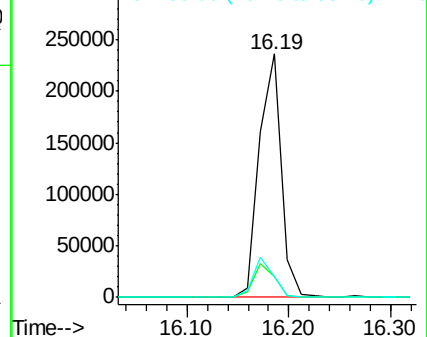
80 8.8 9.4 14.0#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.33 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

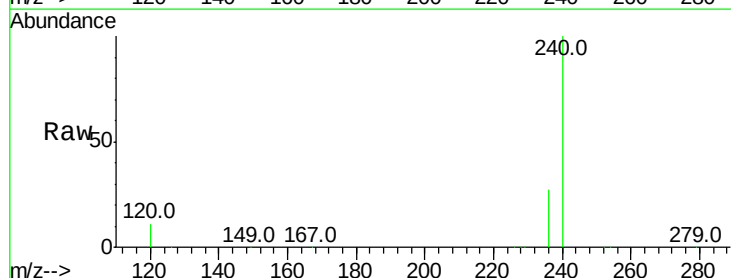
Tgt Ion:240 Resp: 460905

Ion Ratio Lower Upper

240 100

120 10.9 11.0 16.4#

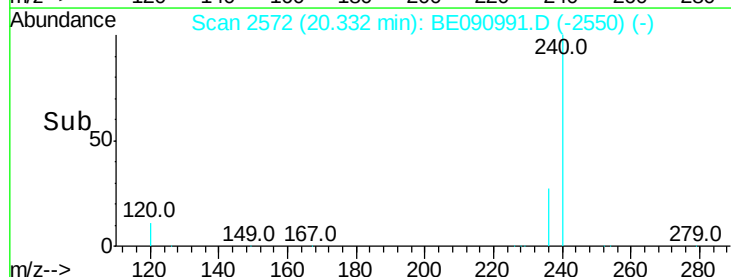
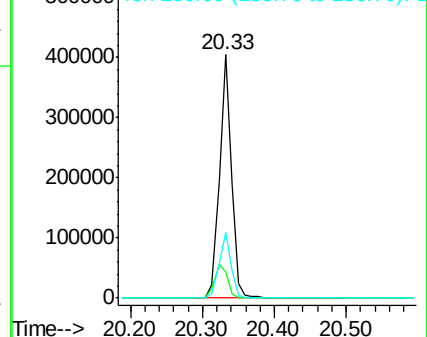
236 27.0 21.7 32.5

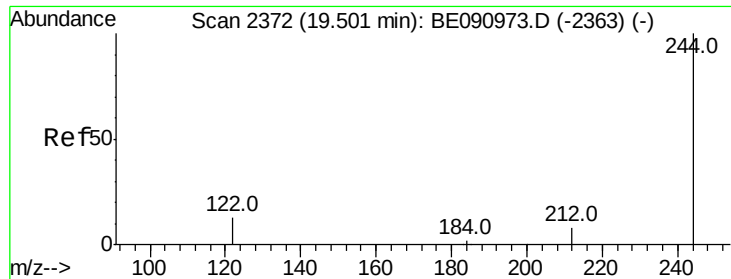


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.12 ng

RT: 18.73 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

Instrument :

BNA_E

ClientSampleId :

TW-2

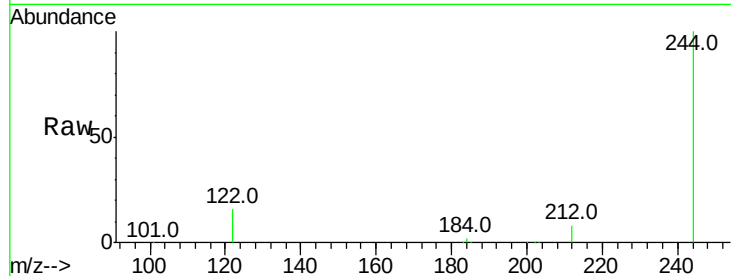
Tot Ion:244 Resp: 233731

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

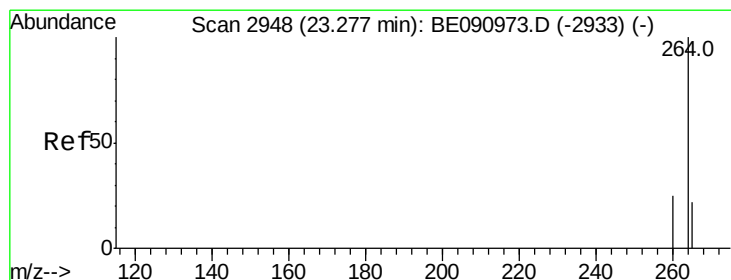
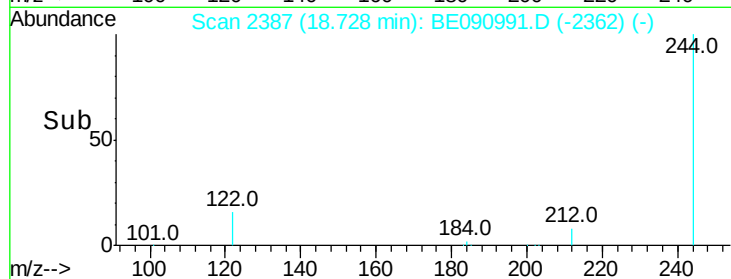
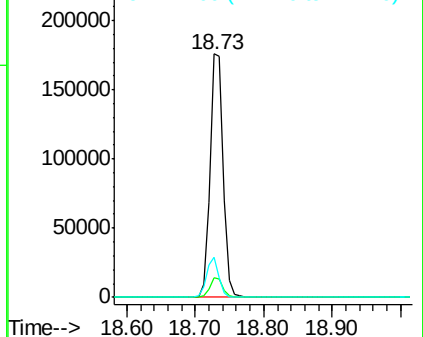
122 16.3 11.0 16.4



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 22.25 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BE090991.D

Acq: 7 Oct 2015 18:12

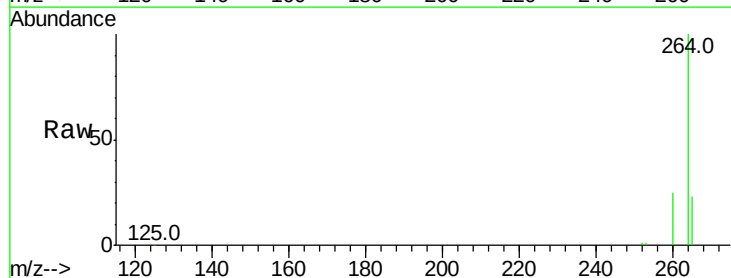
Tgt Ion:264 Resp: 489828

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 22.6 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

