

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100715\
 Data File : BE090992.D
 Acq On : 7 Oct 2015 18:48
 Operator : UM/IZ
 Sample : G3965-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-3

Quant Time: Oct 08 04:14:22 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	53019	5.00	ng	0.00
7) Naphthalene-d8	9.64	136	245693	5.00	ng	0.00
13) Acenaphthene-d10	13.46	164	133512	5.00	ng	0.00
19) Phenanthrene-d10	16.19	188	318144	5.00	ng	0.00
26) Chrysene-d12	20.33	240	426554	5.00	ng	0.00
35) Perylene-d12	22.25	264	457195	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	62278	5.81	ng	-0.01
5) Phenol-d6	6.61	99	78847	5.81	ng	-0.01
8) Nitrobenzene-d5	8.23	82	59093	3.69	ng	0.00
14) 2,4,6-Tribromophenol	14.98	330	27602	6.01	ng	0.00
15) 2-Fluorobiphenyl	12.09	172	119149	3.29	ng	0.00
29) Terphenyl-d14	18.73	244	183612	3.50	ng	0.00

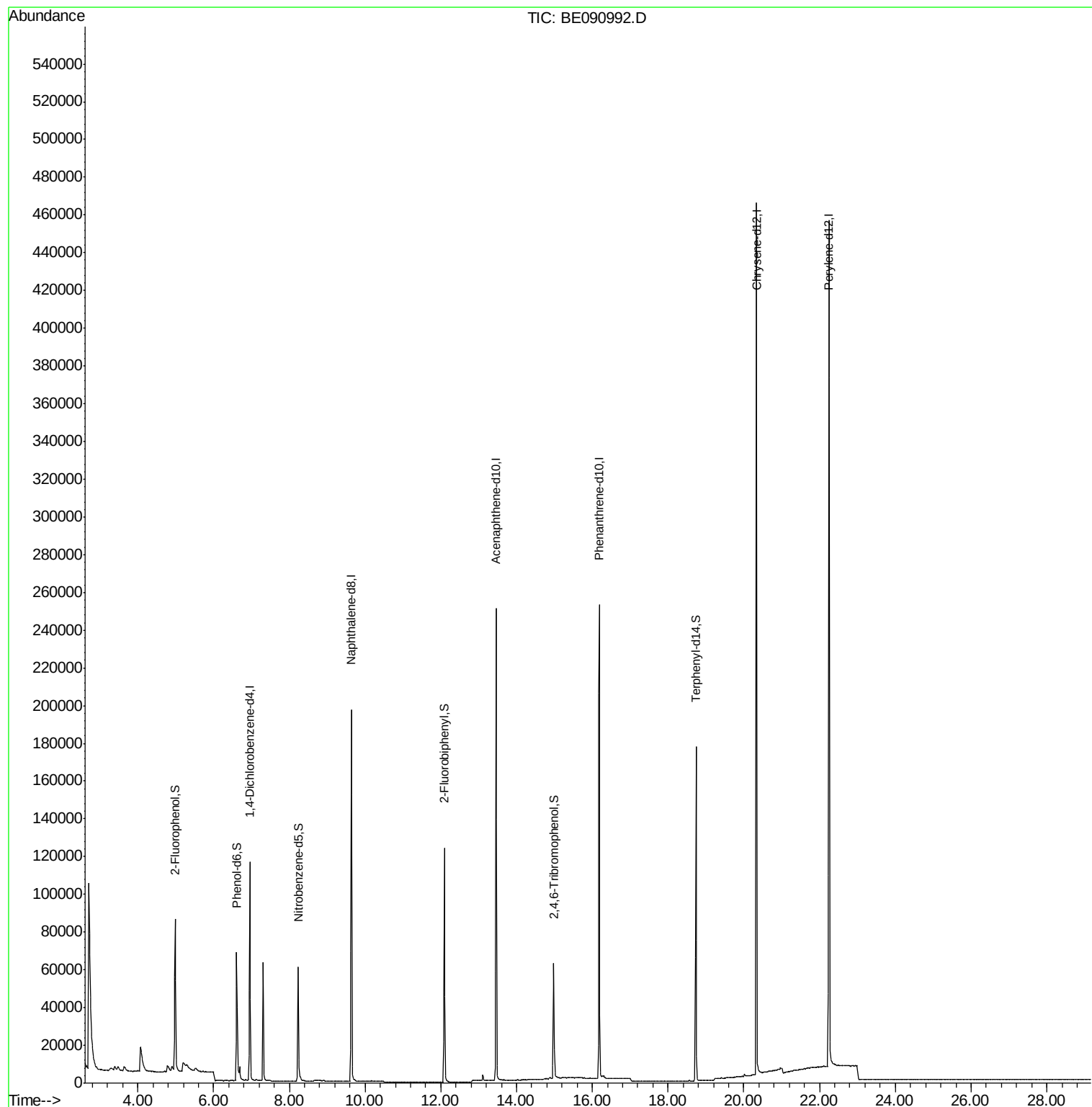
Target Compounds Qvalue

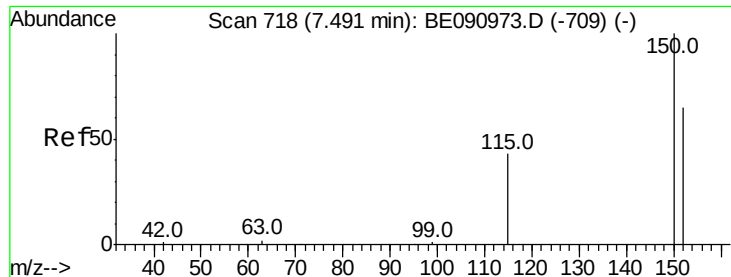
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090992.D

Acq: 7 Oct 2015 18:48

Instrument :

BNA_E

ClientSampleId :

TW-3

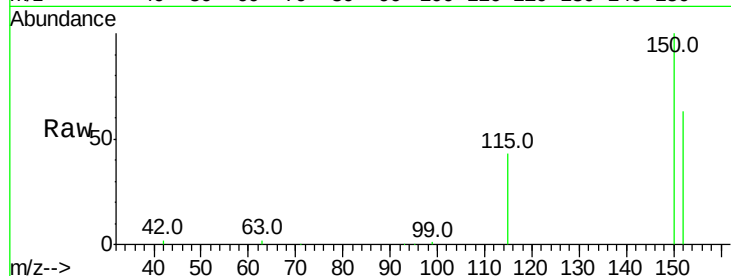
Tot Ion:152 Resp: 53019

Ion Ratio Lower Upper

152 100

150 158.1 122.6 183.8

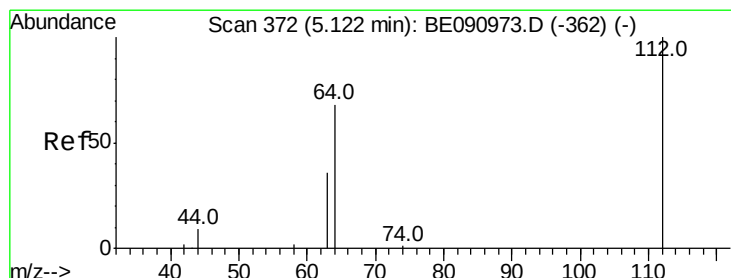
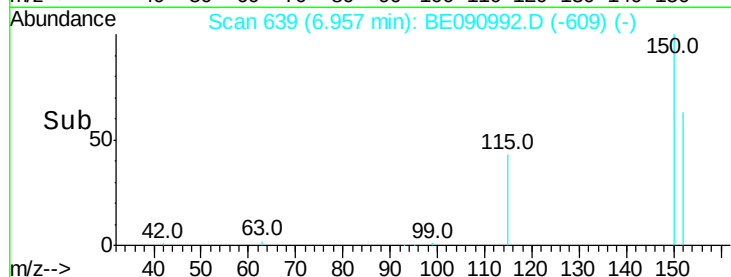
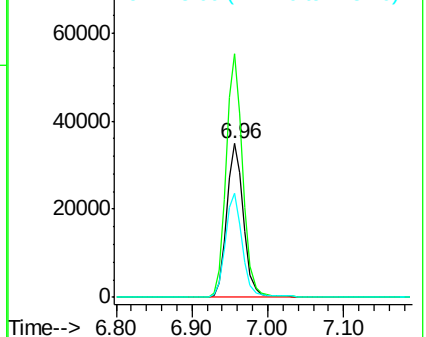
115 67.6 52.8 79.2



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: 5.81 ng

RT: 4.99 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE090992.D

Acq: 7 Oct 2015 18:48

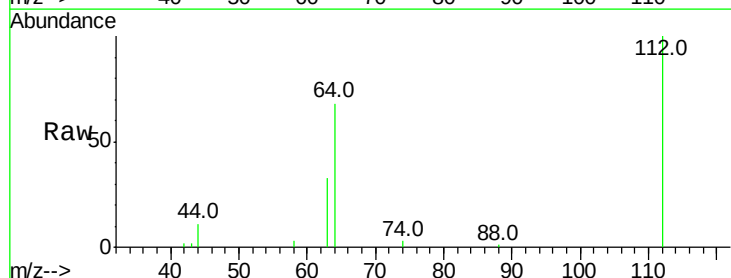
Tgt Ion:112 Resp: 62278

Ion Ratio Lower Upper

112 100

64 73.7 30.9 46.3#

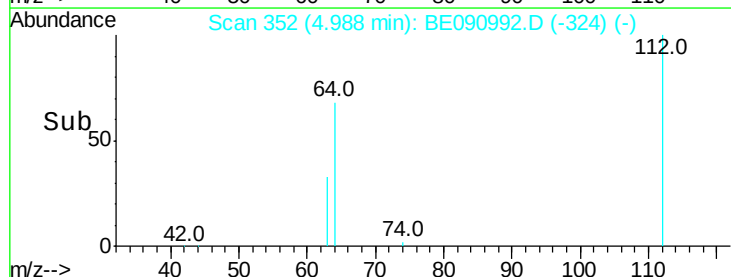
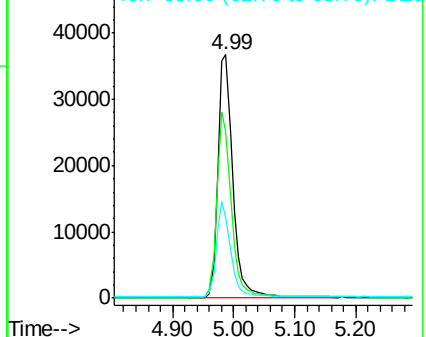
63 36.6 16.7 25.1#

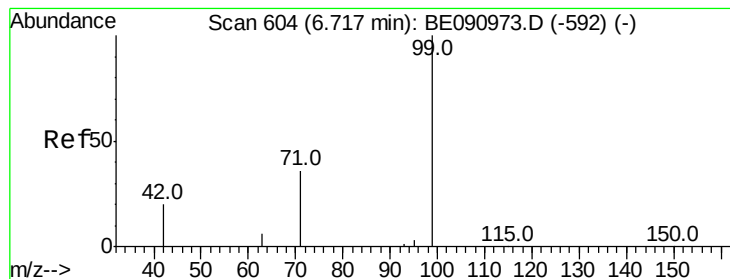


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.81 ng

RT: 6.61 min Scan# 588

Delta R.T. -0.01 min

Lab File: BE090992.D

Acq: 7 Oct 2015 18:48

Instrument :

BNA_E

ClientSampleId :

TW-3

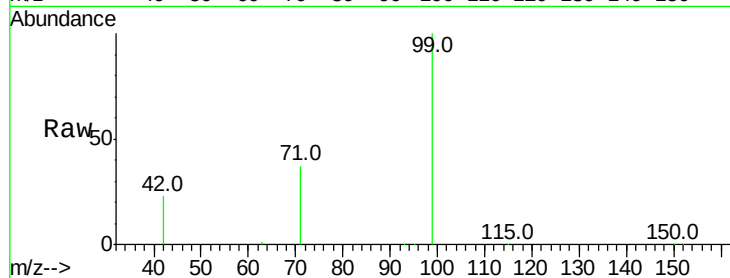
Tot Ion: 99 Resp: 78847

Ion Ratio Lower Upper

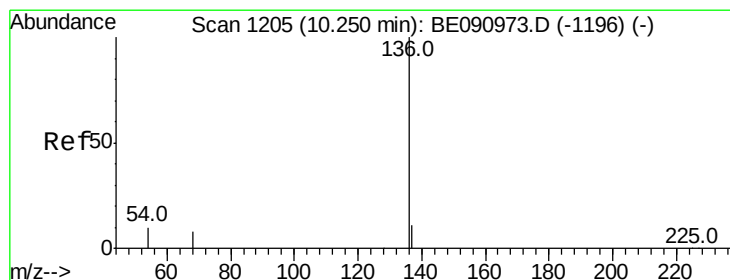
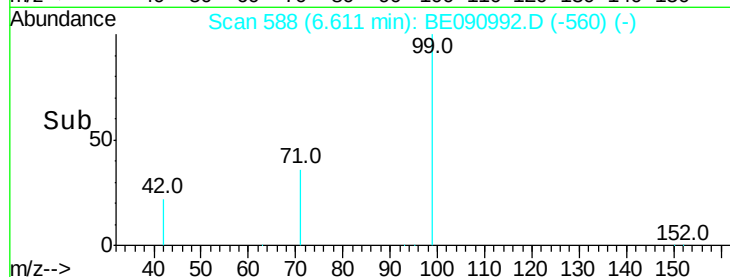
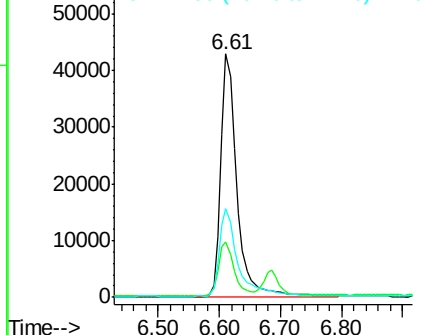
99 100

42 21.0 16.2 24.2

71 42.3 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: BE090992.D

Acq: 7 Oct 2015 18:48

Tgt Ion: 136 Resp: 245693

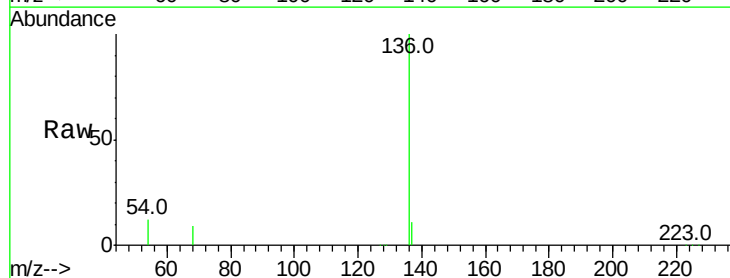
Ion Ratio Lower Upper

136 100

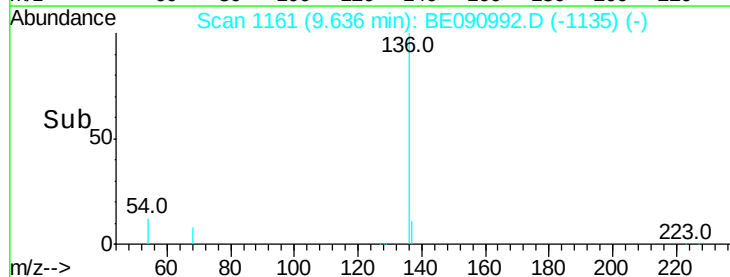
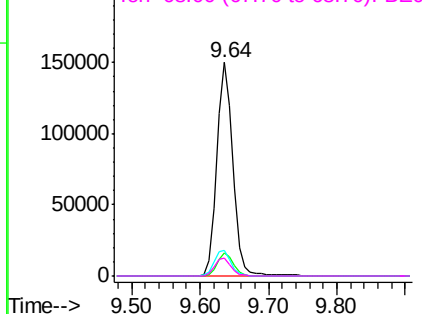
137 11.0 8.9 13.3

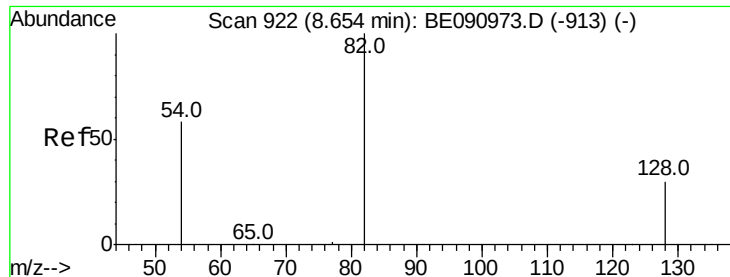
54 11.9 8.2 12.4

68 8.6 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

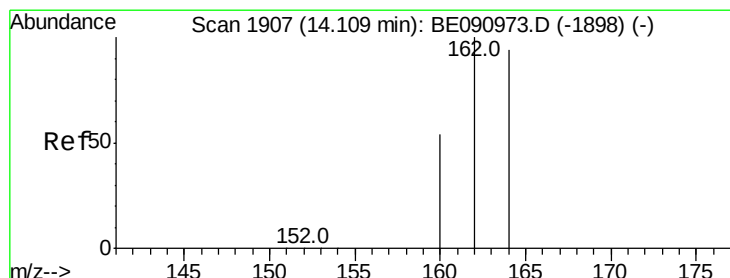
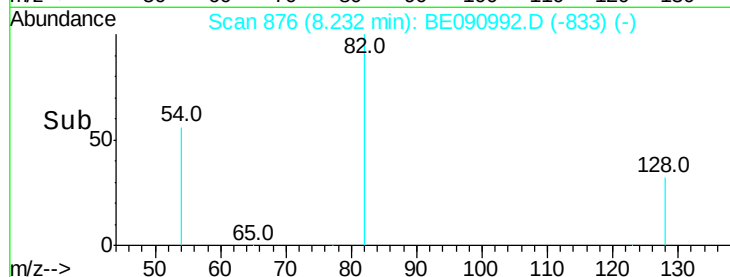
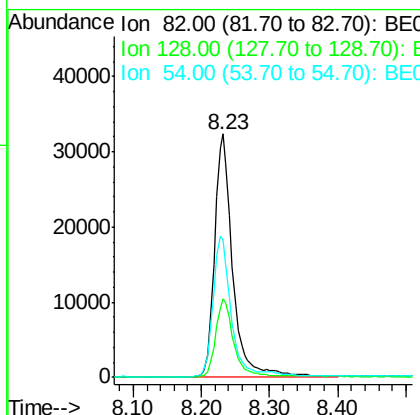
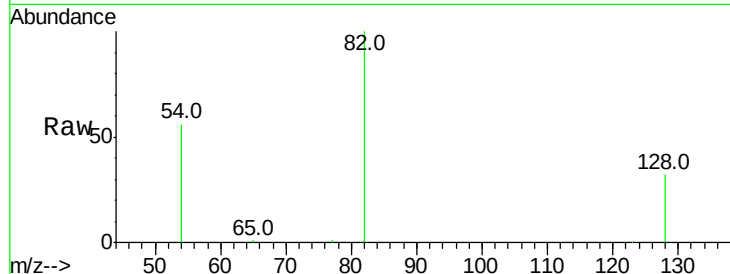




#8
 Nitrobenzene-d5
 Concen: 3.69 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BE090992.D
 Acq: 7 Oct 2015 18:48

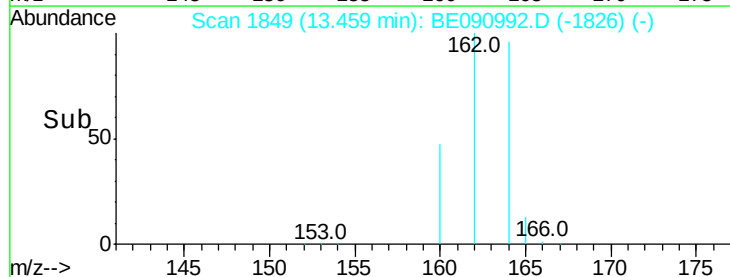
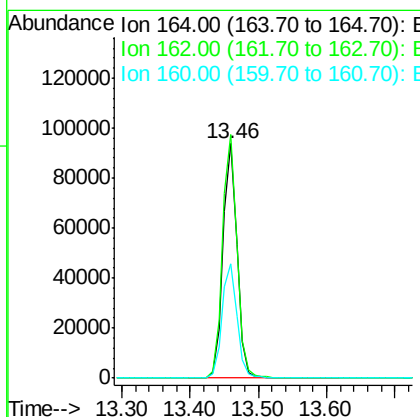
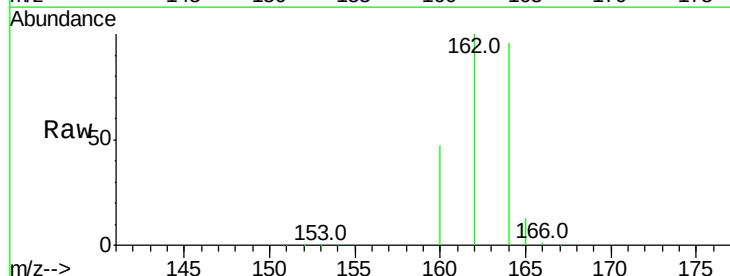
Instrument :
 BNA_E
 ClientSampled :
 TW-3

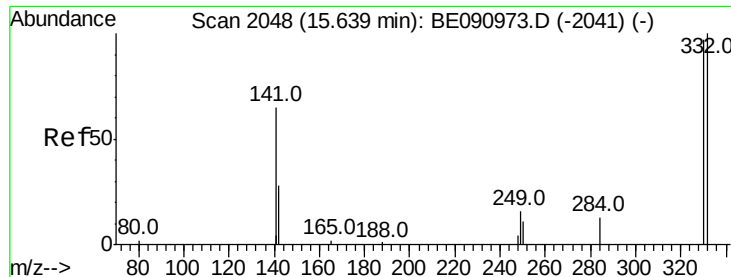
Tot Ion: 82 Resp: 59093
 Ion Ratio Lower Upper
 82 100
 128 32.4 25.4 38.0
 54 56.2 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 13.46 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BE090992.D
 Acq: 7 Oct 2015 18:48

Tgt Ion:164 Resp: 133512
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.3 127.9
 160 48.6 46.2 69.2

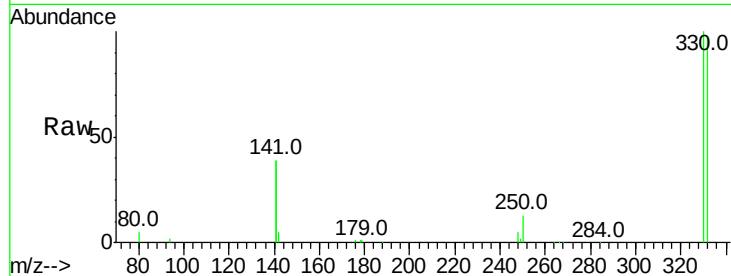




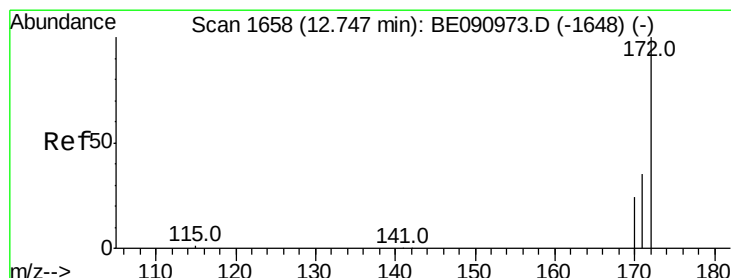
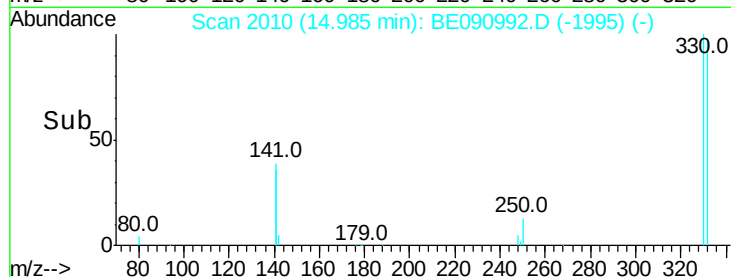
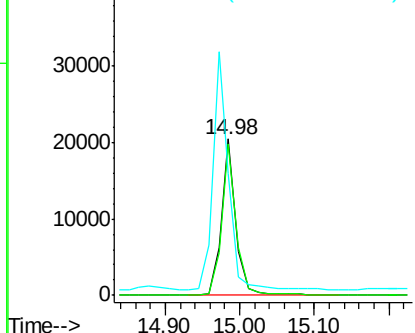
#14
 2,4,6-Tribromophenol
 Concen: 6.01 ng
 RT: 14.98 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BE090992.D
 Acq: 7 Oct 2015 18:48

Instrument :
 BNA_E
 ClientSampleId :
 TW-3

Tot Ion:330 Resp: 27602
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.1 118.7
 141 164.4 125.4 188.0

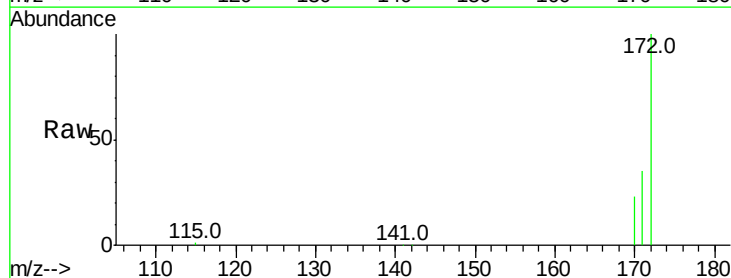


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

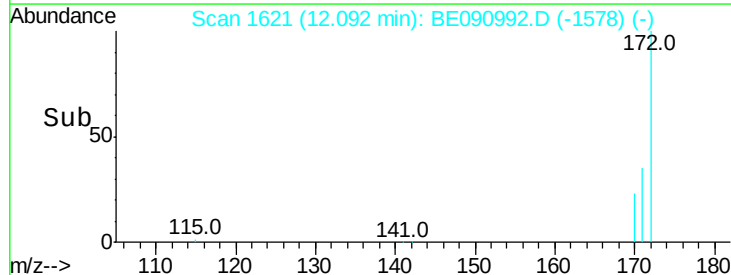
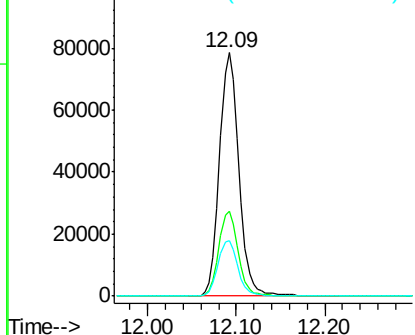


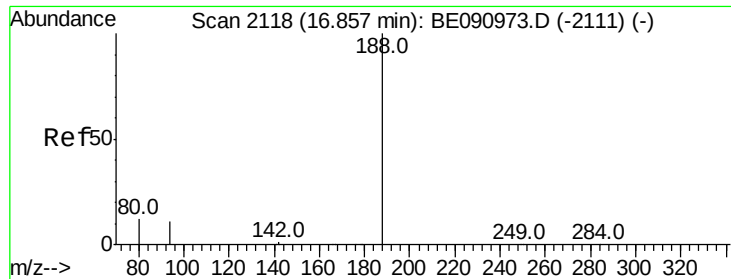
#15
 2-Fluorobiphenyl
 Concen: 3.29 ng
 RT: 12.09 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BE090992.D
 Acq: 7 Oct 2015 18:48

Tgt Ion:172 Resp: 119149
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.8 43.2
 170 23.0 19.3 28.9



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.19 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BE090992.D

Acq: 7 Oct 2015 18:48

Instrument :

BNA_E

ClientSampled :

TW-3

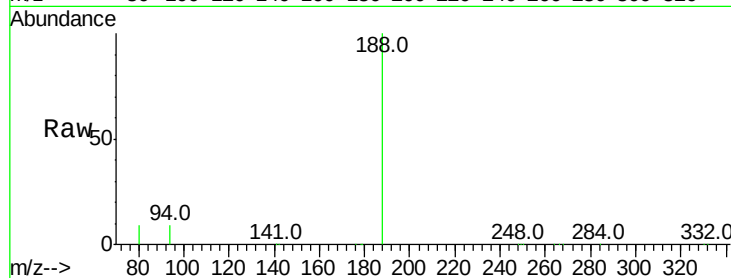
Tot Ion:188 Resp: 318144

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

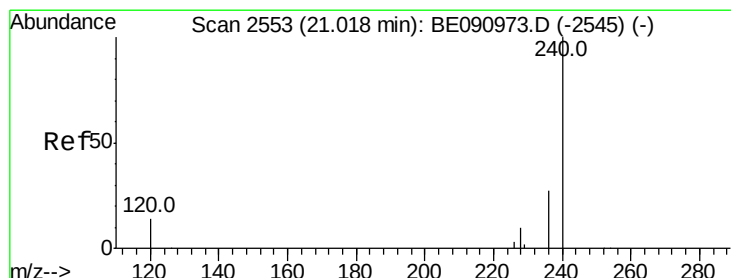
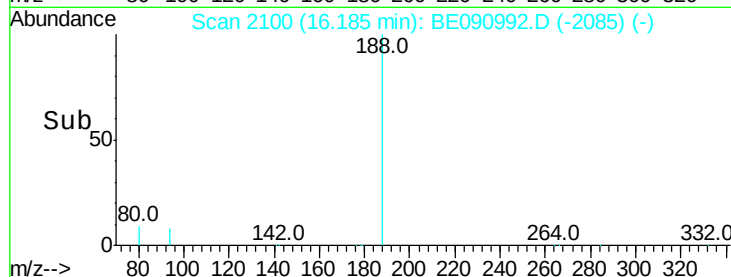
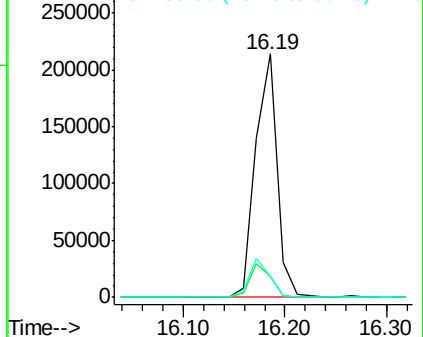
80 8.7 9.4 14.0#



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# 2573

Delta R.T. 0.00 min

Lab File: BE090992.D

Acq: 7 Oct 2015 18:48

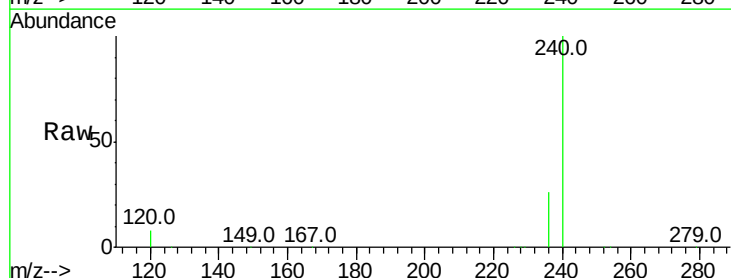
Tgt Ion:240 Resp: 426554

Ion Ratio Lower Upper

240 100

120 7.9 11.0 16.4#

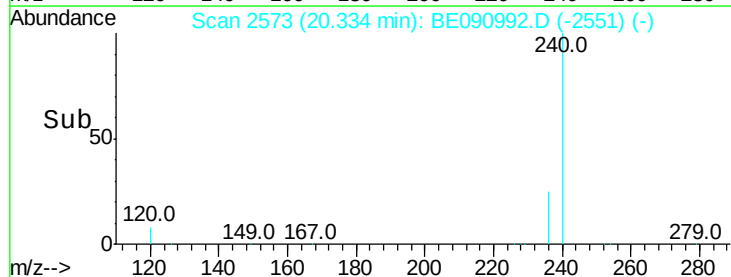
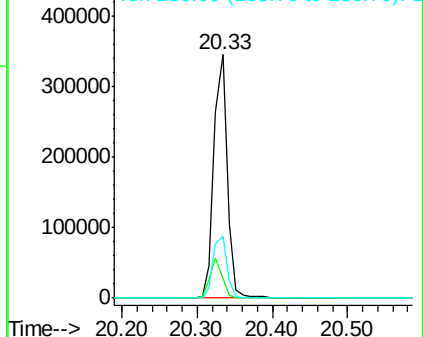
236 25.5 21.7 32.5

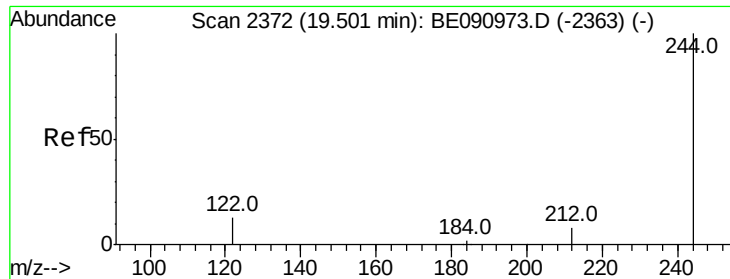


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.50 ng

RT: 18.73 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BE090992.D

Acq: 7 Oct 2015 18:48

Instrument :

BNA_E

ClientSampleId :

TW-3

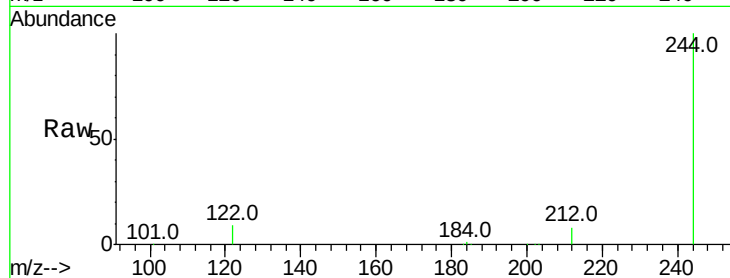
Tot Ion:244 Resp: 183612

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

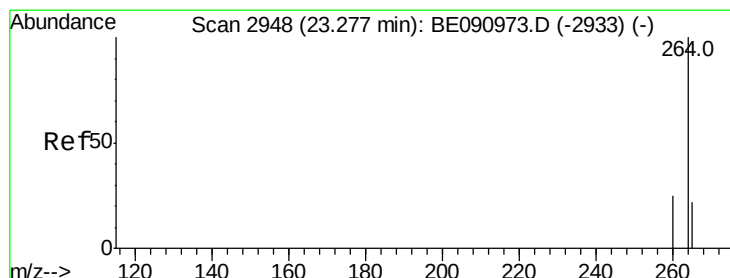
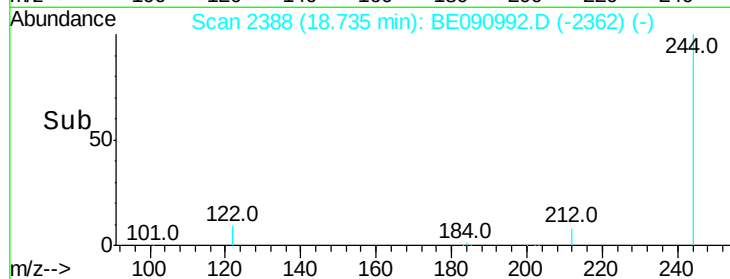
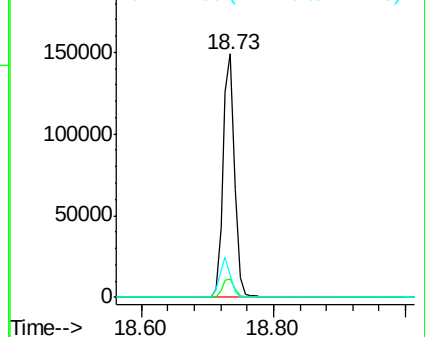
122 9.1 11.0 16.4#



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# 2917

Delta R.T. 0.00 min

Lab File: BE090992.D

Acq: 7 Oct 2015 18:48

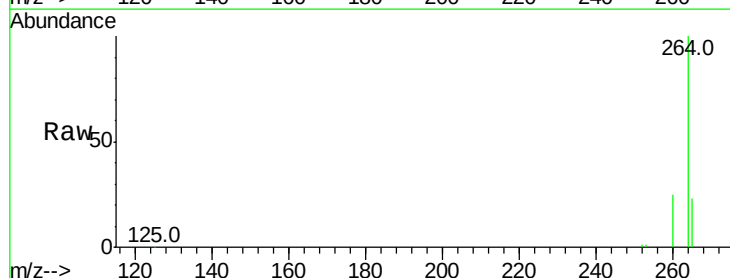
Tgt Ion:264 Resp: 457195

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 23.0 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

