

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100715\
 Data File : BE090993.D
 Acq On : 7 Oct 2015 19:23
 Operator : UM/IZ
 Sample : G3965-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-4

Quant Time: Oct 08 02:09:17 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

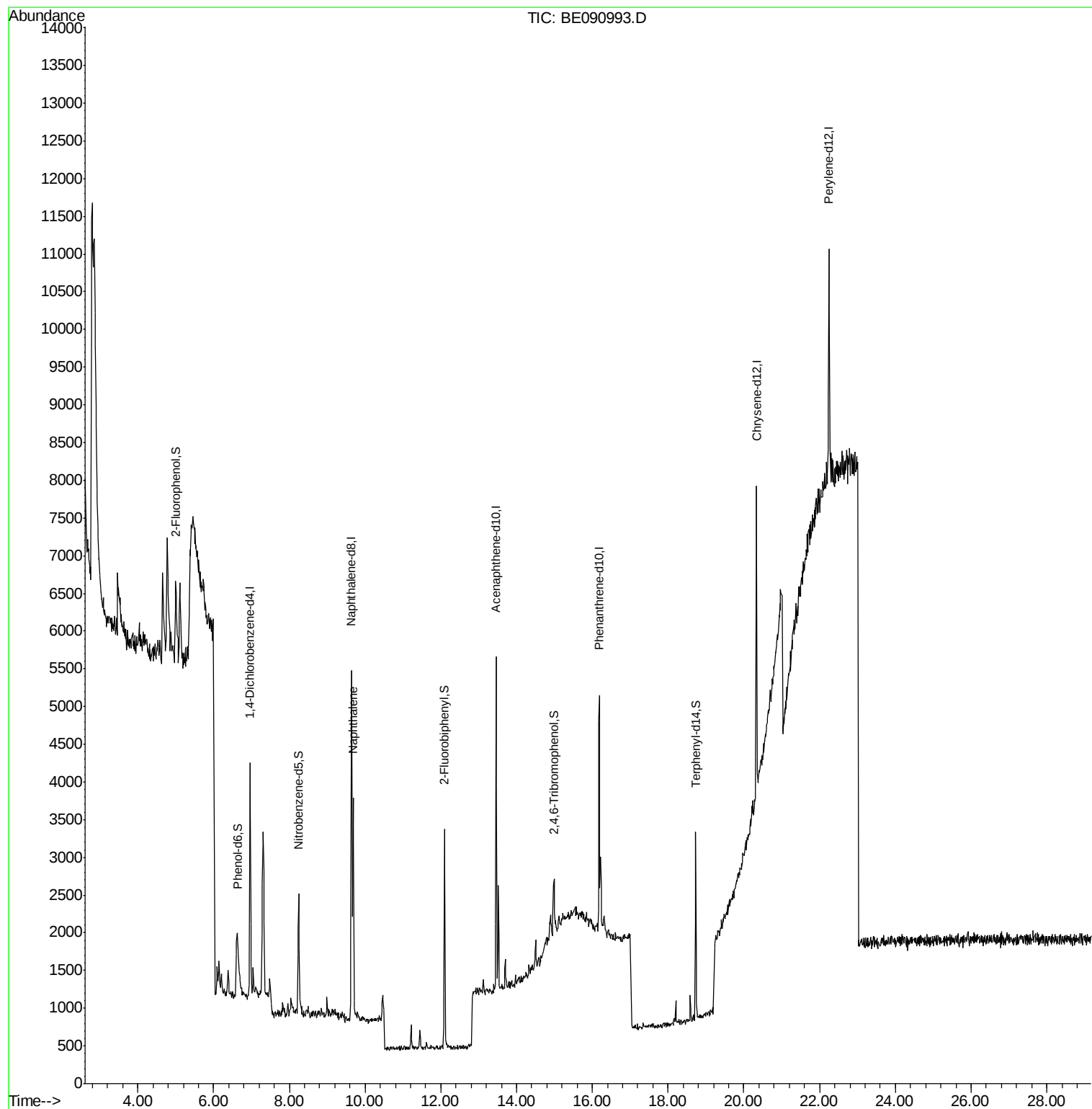
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	1752	5.00	ng	0.00
7) Naphthalene-d8	9.64	136	6608	5.00	ng	0.00
13) Acenaphthene-d10	13.46	164	2397	5.00	ng	0.00
19) Phenanthrene-d10	16.19	188	4323	5.00	ng	0.00
26) Chrysene-d12	20.33	240	3914	5.00	ng	0.00
35) Perylene-d12	22.24	264	3181	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.00	112	1224	3.49	ng	0.00
5) Phenol-d6	6.62	99	804	1.79	ng	0.00
8) Nitrobenzene-d5	8.24	82	1611	3.74	ng	0.00
14) 2,4,6-Tribromophenol	14.99	330	356	4.37	ng	0.00
15) 2-Fluorobiphenyl	12.09	172	2902	4.47	ng	0.00
29) Terphenyl-d14	18.73	244	2588	5.36	ng	0.00
Target Compounds						
10) Naphthalene	9.68	128	3790	2.95	ng	Qvalue # 93

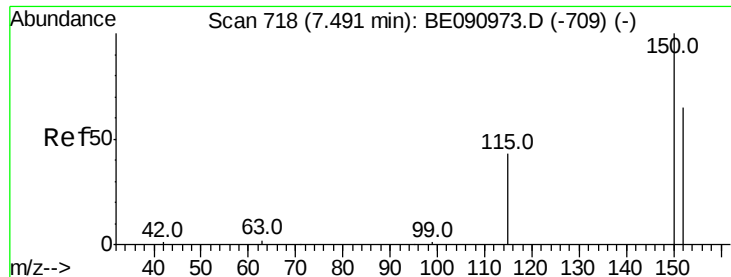
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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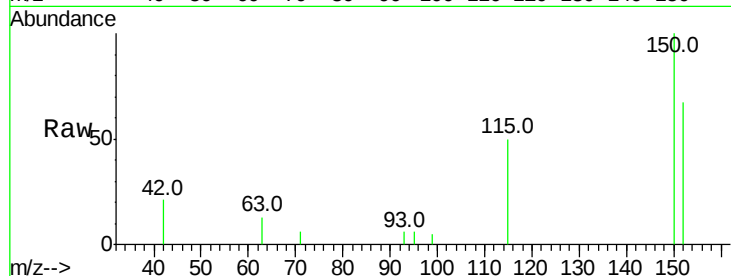


#1

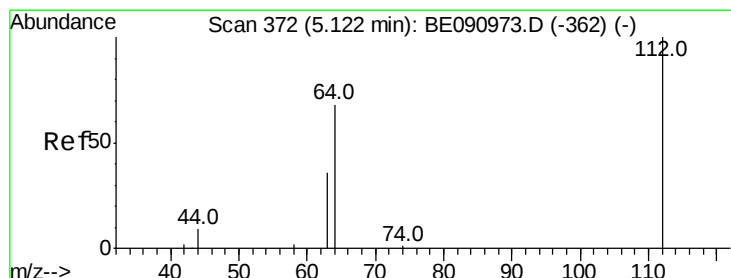
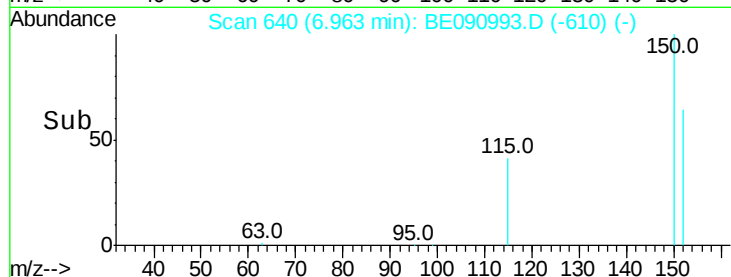
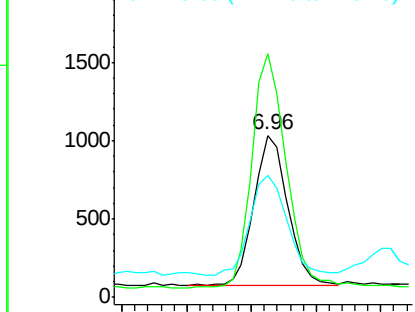
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.96 min Scan# 640
Delta R.T. 0.01 min
Lab File: BE090993.D
Acq: 7 Oct 2015 19:23

Instrument :
BNA_E
ClientSampled :
TW-4

Tot Ion:152 Resp: 1752
Ion Ratio Lower Upper
152 100
150 150.1 122.6 183.8
115 75.3 52.8 79.2



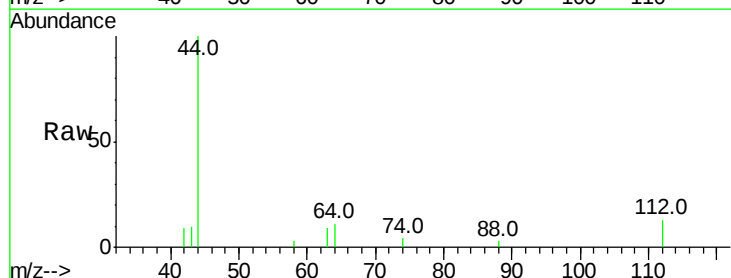
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



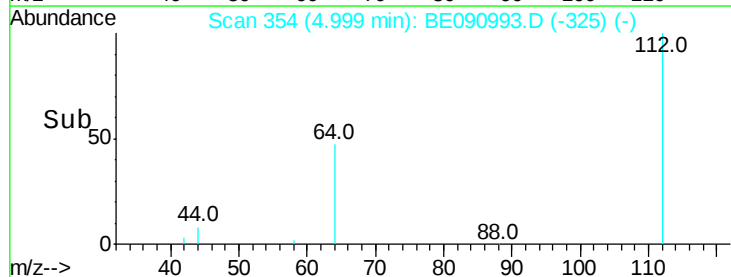
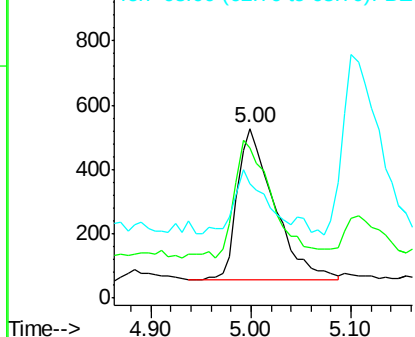
#4

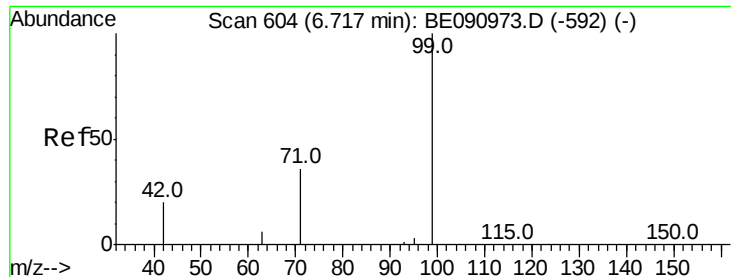
2-Fluorophenol
Concen: 3.49 ng
RT: 5.00 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE090993.D
Acq: 7 Oct 2015 19:23

Tgt Ion:112 Resp: 1224
Ion Ratio Lower Upper
112 100
64 77.9 30.9 46.3#
63 34.4 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: 1.79 ng

RT: 6.62 min Scan# 590

Delta R.T. -0.00 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

Instrument :

BNA_E

ClientSampleId :

TW-4

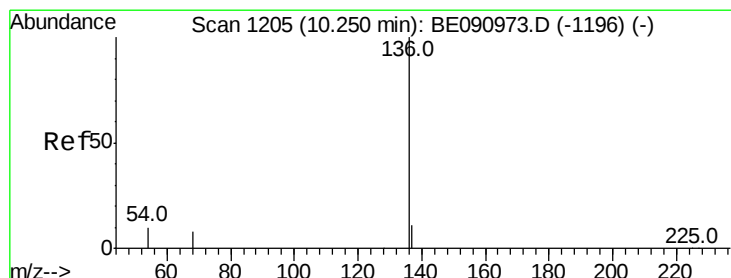
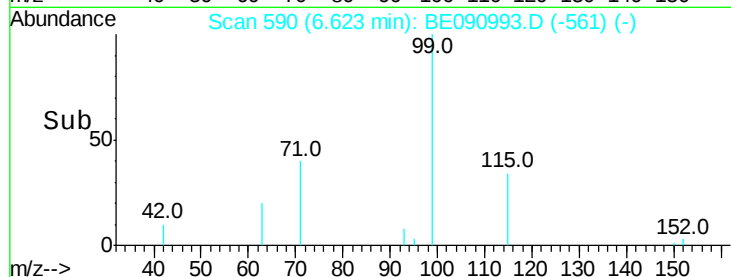
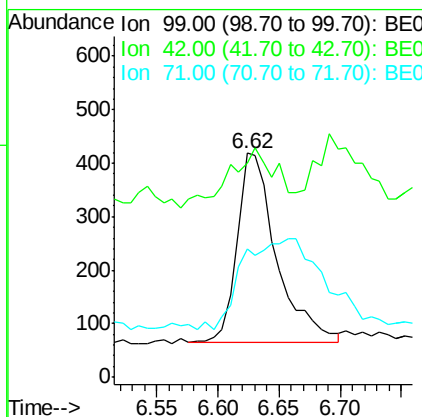
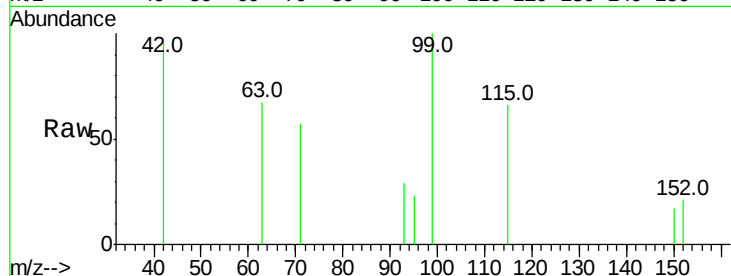
Tot Ion: 99 Resp: 804

Ion Ratio Lower Upper

99 100

42 38.1 16.2 24.2#

71 0.0 29.0 43.4#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.64 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

Tgt Ion: 136 Resp: 6608

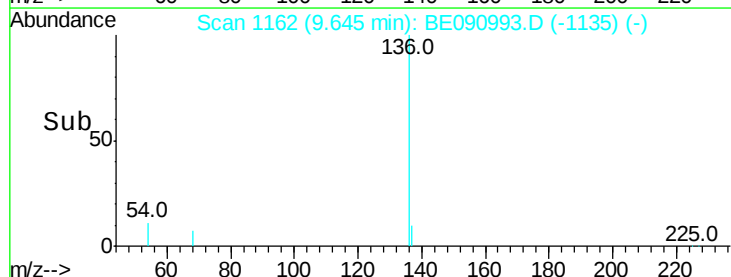
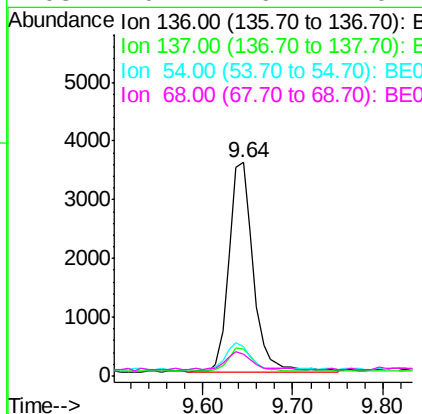
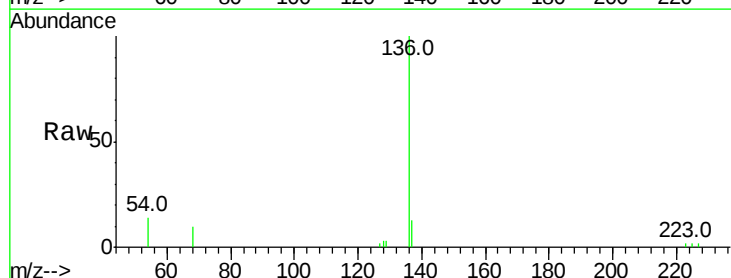
Ion Ratio Lower Upper

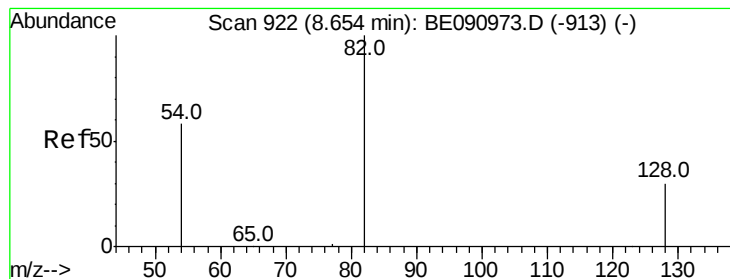
136 100

137 12.6 8.9 13.3

54 14.0 8.2 12.4#

68 10.4 6.2 9.4#





#8

Nitrobenzene-d5

Concen: 3.74 ng

RT: 8.24 min Scan# 878

Delta R.T. 0.00 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

Instrument :

BNA_E

ClientSampleId :

TW-4

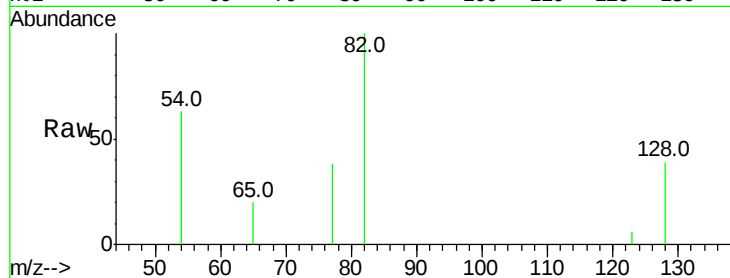
Tot Ion: 82 Resp: 1611

Ion Ratio Lower Upper

82 100

128 39.4 25.4 38.0#

54 62.6 48.4 72.6

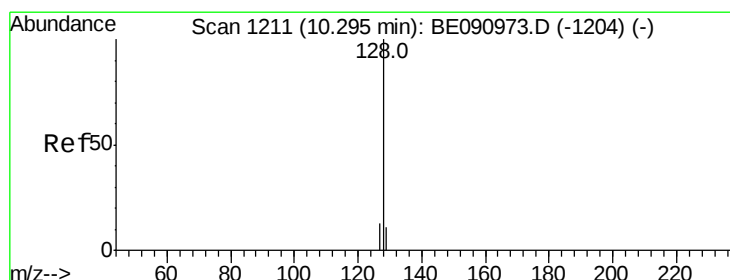
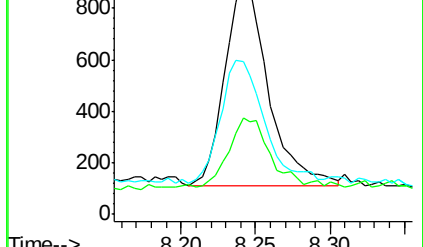
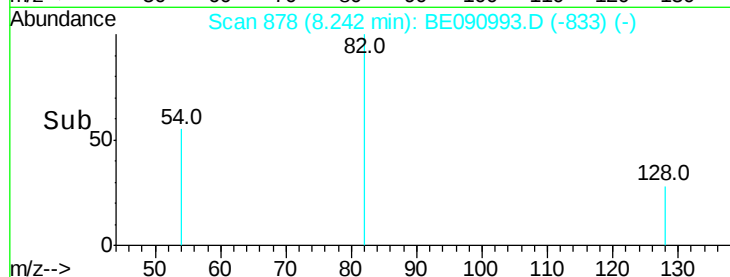


Abundance Ion 82.00 (81.70 to 82.70): BE090993.D (-878) (-)

Ion 128.00 (127.70 to 128.70): BE090993.D (-878) (-)

Ion 54.00 (53.70 to 54.70): BE090993.D (-878) (-)

Time-->



#10

Naphthalene

Concen: 2.95 ng

RT: 9.68 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

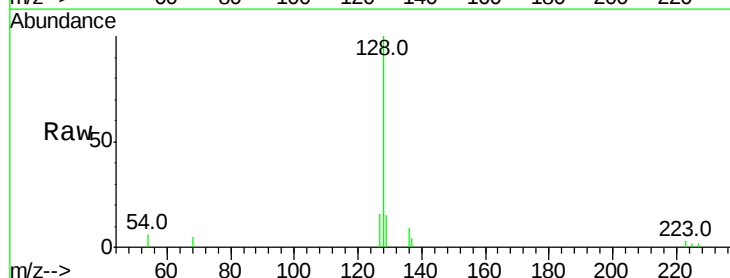
Tgt Ion: 128 Resp: 3790

Ion Ratio Lower Upper

128 100

129 14.7 9.3 13.9#

127 15.7 10.7 16.1

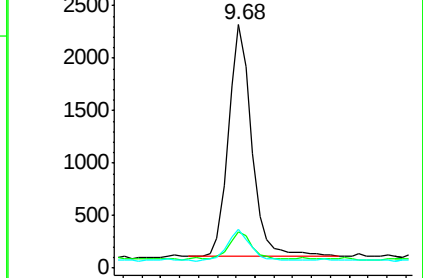
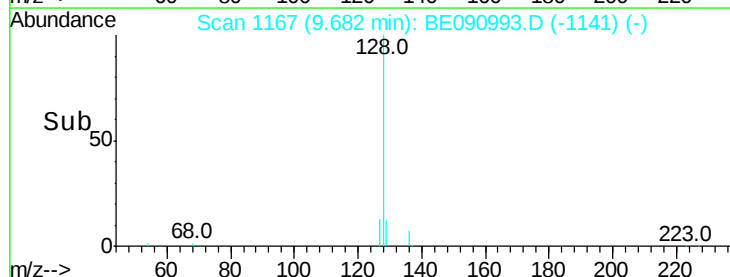


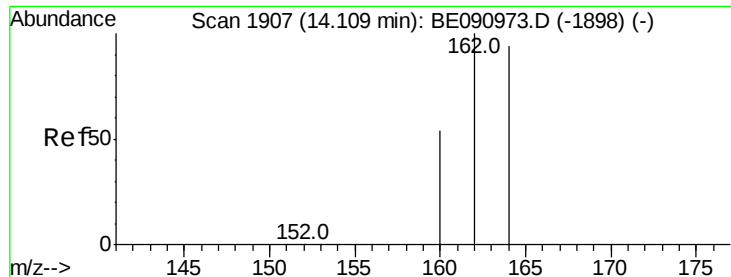
Abundance Ion 128.00 (127.70 to 128.70): BE090993.D (-1167) (-)

Ion 129.00 (128.70 to 129.70): BE090993.D (-1167) (-)

Ion 127.00 (126.70 to 127.70): BE090993.D (-1167) (-)

Time-->





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.46 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

Instrument :

BNA_E

ClientSampleId :

TW-4

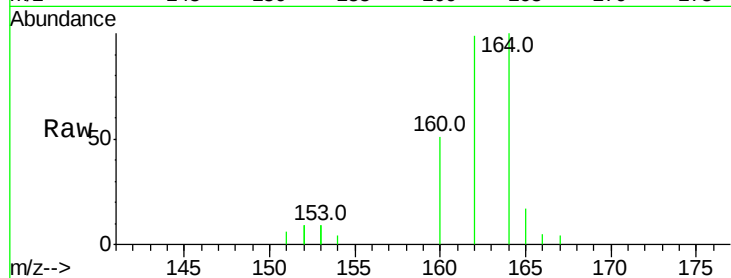
Tot Ion:164 Resp: 2397

Ion Ratio Lower Upper

164 100

162 99.0 85.3 127.9

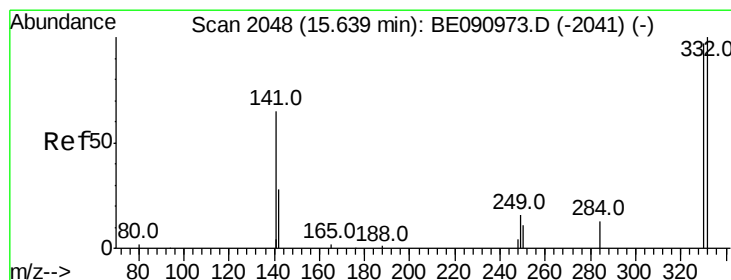
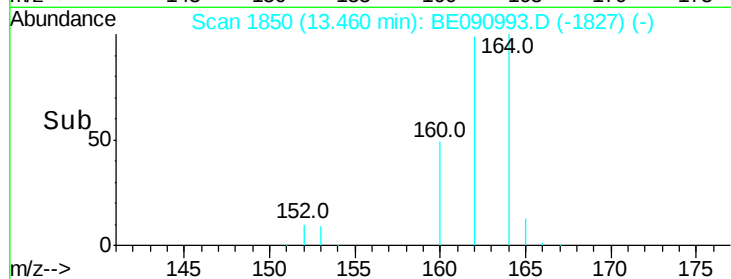
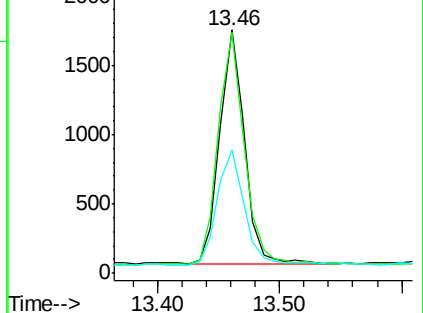
160 50.7 46.2 69.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 4.37 ng

RT: 14.99 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

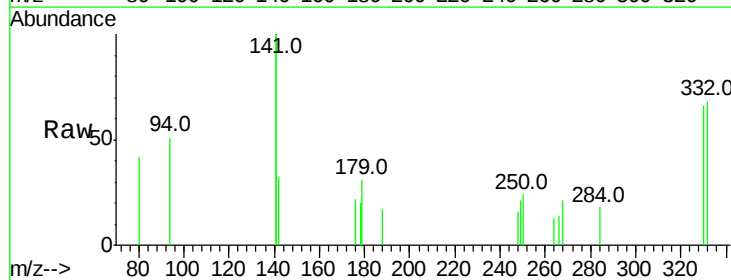
Tgt Ion:330 Resp: 356

Ion Ratio Lower Upper

330 100

332 105.1 79.1 118.7

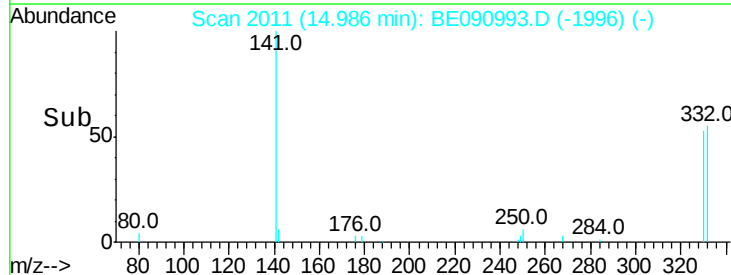
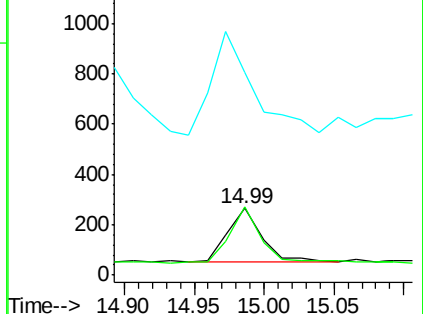
141 256.2 125.4 188.0#

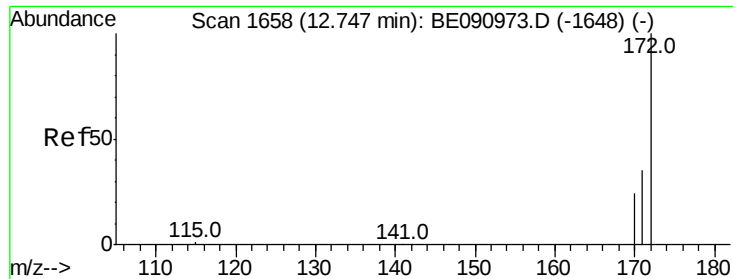


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

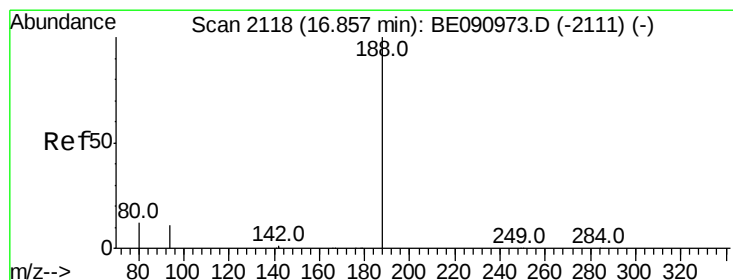
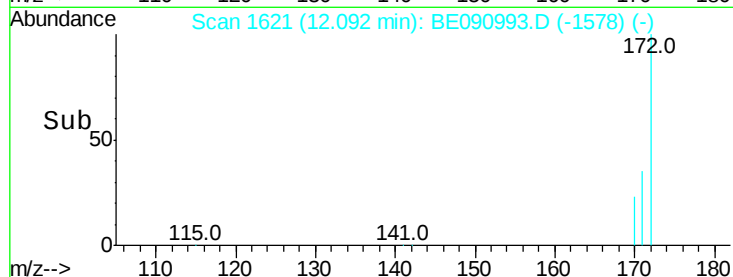
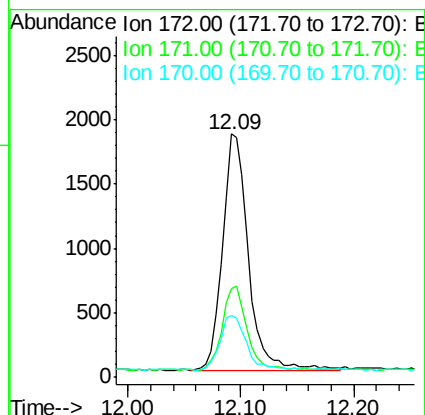
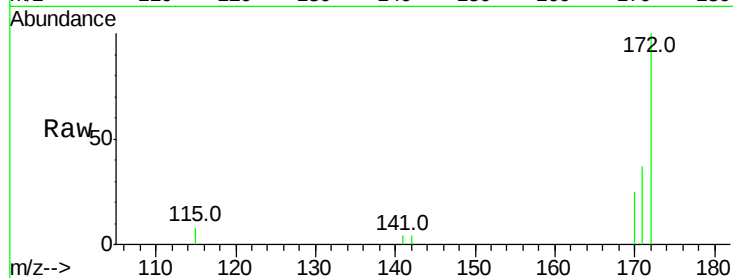




#15
2-Fluorobiphenyl
Concen: 4.47 ng
RT: 12.09 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE090993.D
Acq: 7 Oct 2015 19:23

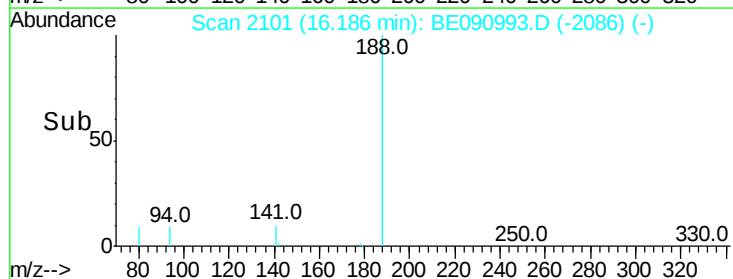
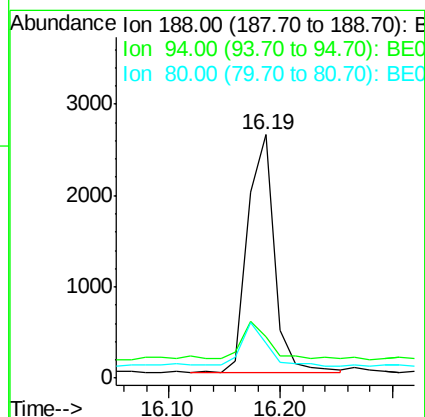
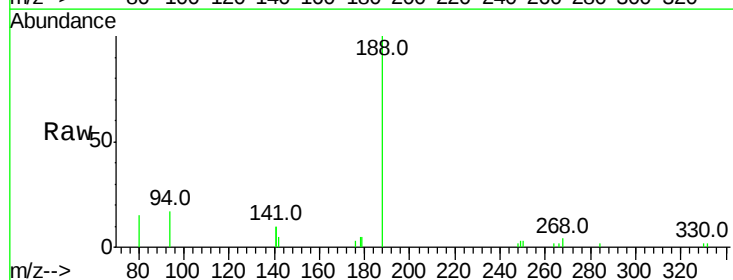
Instrument :
BNA_E
ClientSampleId :
TW-4

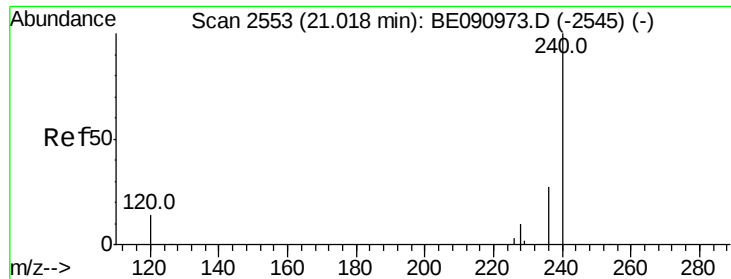
Tot Ion:172 Resp: 2902
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 25.5 19.3 28.9



#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.19 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BE090993.D
Acq: 7 Oct 2015 19:23

Tgt Ion:188 Resp: 4323
Ion Ratio Lower Upper
188 100
94 17.1 8.7 13.1#
80 14.6 9.4 14.0#

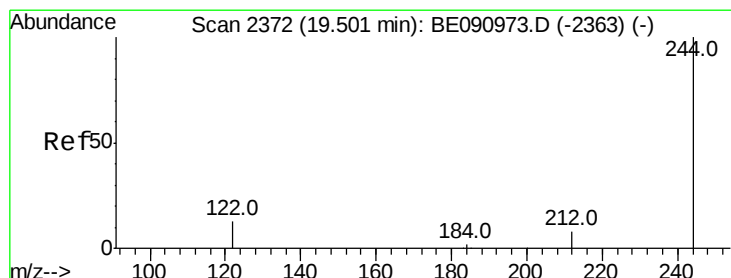
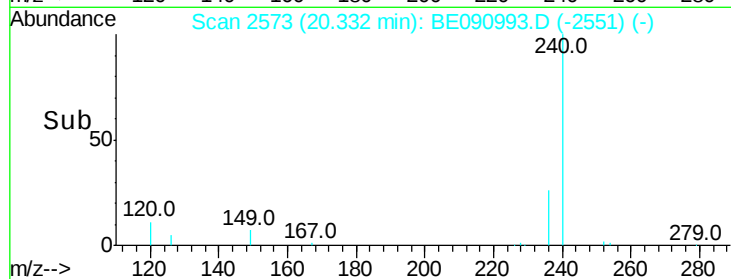
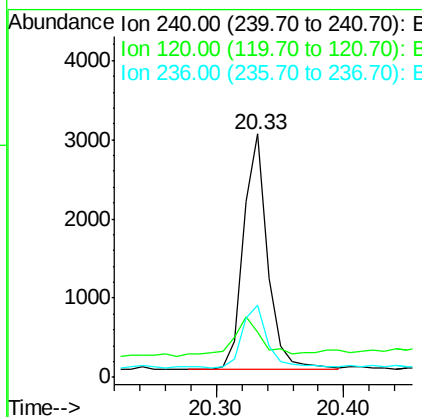
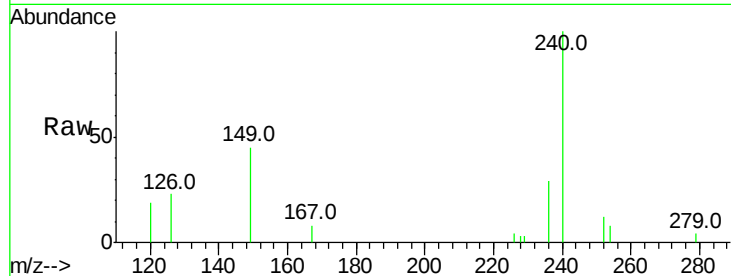




#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.33 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BE090993.D
Acq: 7 Oct 2015 19:23

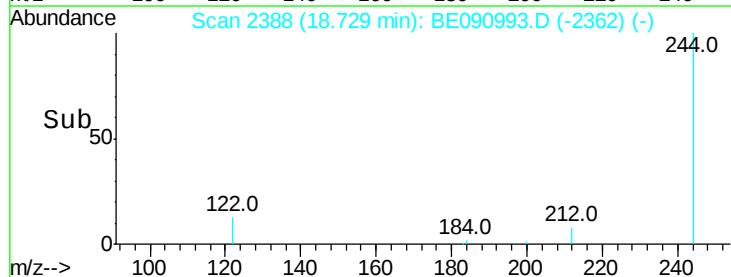
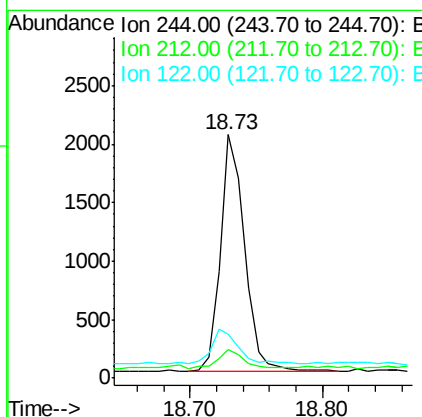
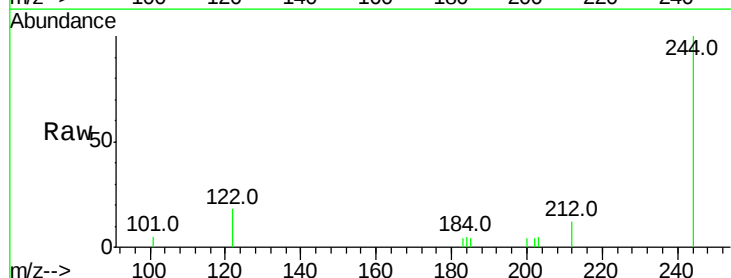
Instrument :
BNA_E
ClientSampleId :
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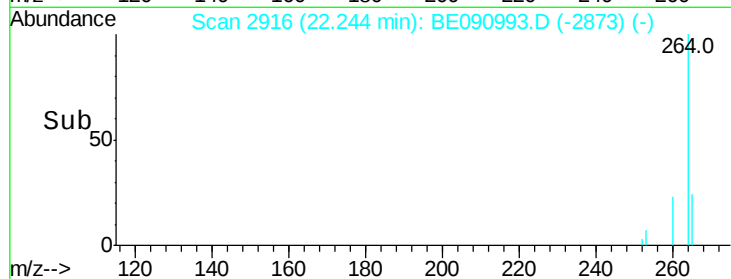
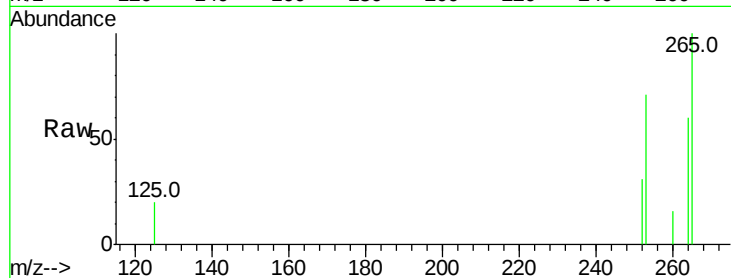
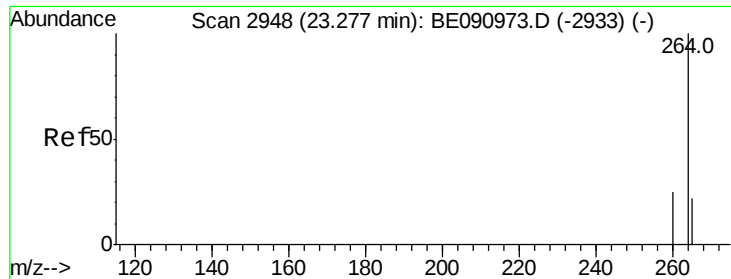
Tot Ion:240 Resp: 3914
Ion Ratio Lower Upper
240 100
120 18.6 11.0 16.4#
236 29.4 21.7 32.5



#29
Terphenyl-d14
Concen: 5.36 ng
RT: 18.73 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BE090993.D
Acq: 7 Oct 2015 19:23

Tgt Ion:244 Resp: 2588
Ion Ratio Lower Upper
244 100
212 12.0 6.9 10.3#
122 18.1 11.0 16.4#





#35

Pervlene-d12

Concen: 5.00 ng

RT: 22.24 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BE090993.D

Acq: 7 Oct 2015 19:23

Instrument :

BNA_E

ClientSampleId :

TW-4

Tot Ion: 264 Resp: 3181

Ion Ratio Lower Upper

264 100

260 27.2 20.0 30.0

265 167.8 17.5 26.3#

