

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
 Data File : BE091036.D
 Acq On : 23 Oct 2015 16:31
 Operator : UM/NP
 Sample : PB86253BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB86253BL

Quant Time: Oct 24 00:00:06 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 23:56:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	17361	5.00	ng	0.00
7) Naphthalene-d8	9.59	136	77159	5.00	ng	0.00
13) Acenaphthene-d10	13.42	164	40486	5.00	ng	0.00
19) Phenanthrene-d10	16.13	188	100845	5.00	ng	0.00
26) Chrysene-d12	20.29	240	130843	5.00	ng	0.00
35) Perylene-d12	22.19	264	134909	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.93	112	32287	9.16	ng	0.00
5) Phenol-d6	6.56	99	42612	9.59	ng	0.00
8) Nitrobenzene-d5	8.18	82	24002	4.73	ng	0.00
14) 2,4,6-Tribromophenol	14.95	330	8329	5.98	ng	0.00
15) 2-Fluorobiphenyl	12.05	172	42515	3.87	ng	0.00
29) Terphenyl-d14	18.69	244	68922	4.27	ng	0.00

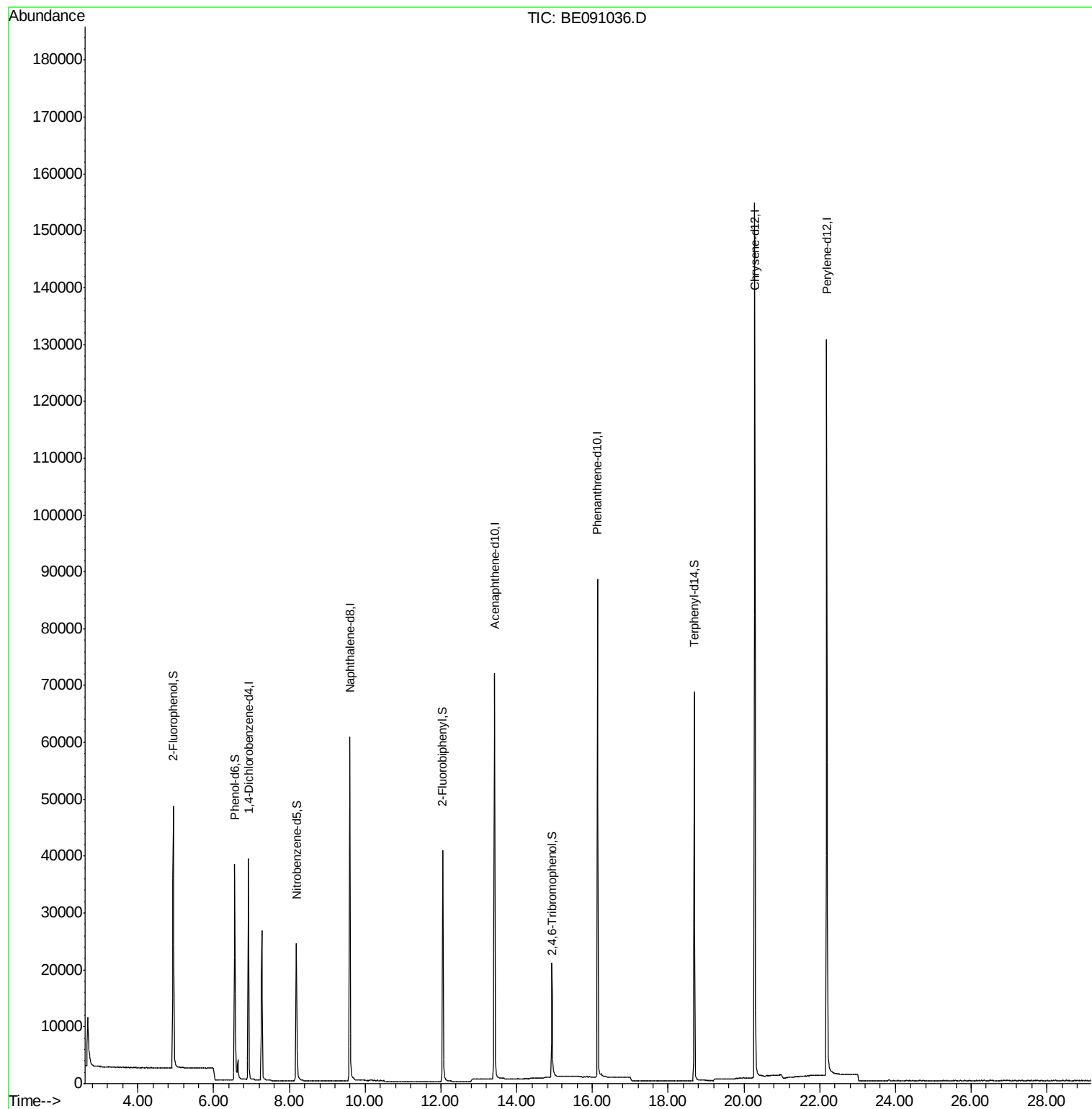
Target Compounds	Qvalue
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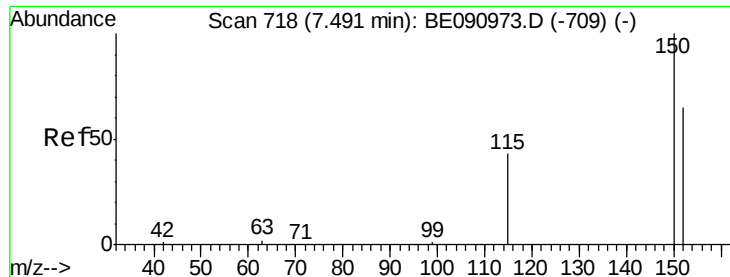
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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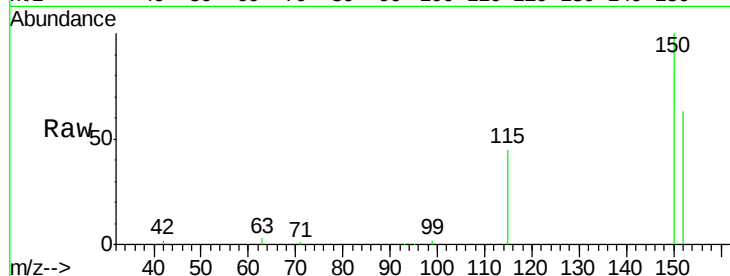


#1

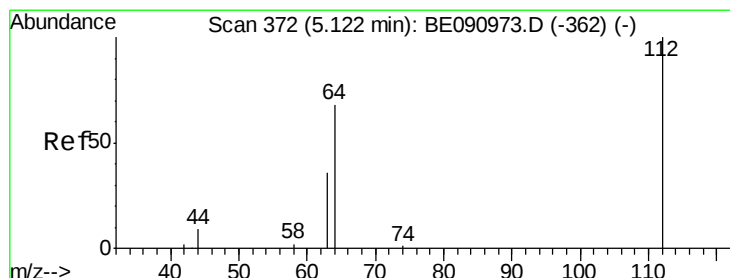
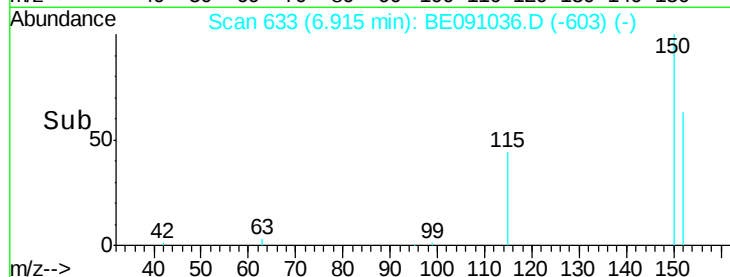
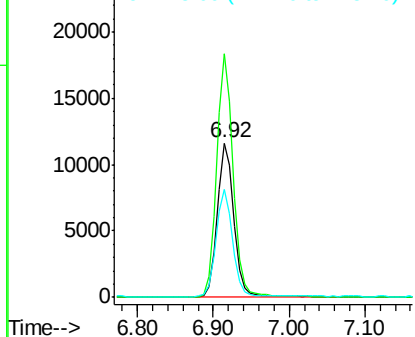
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.92 min Scan# 633
Delta R.T. 0.00 min
Lab File: BE091036.D
Acq: 23 Oct 2015 16:31

Instrument :
BNA_E
ClientSampleId :
PB86253BL

Tgt Ion:152 Resp: 17361
Ion Ratio Lower Upper
152 100
150 158.1 122.6 183.8
115 70.4 52.8 79.2



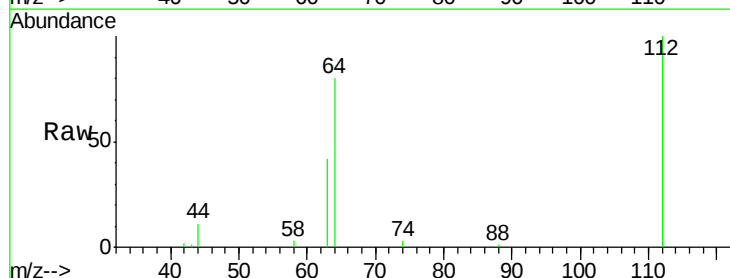
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



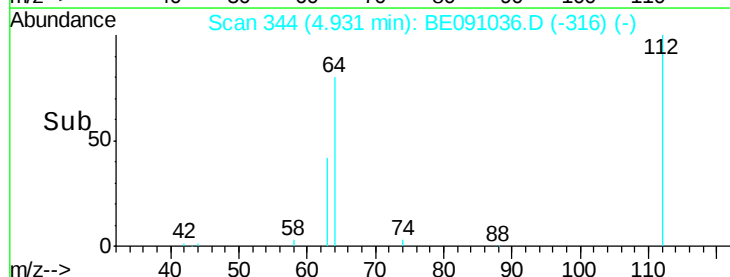
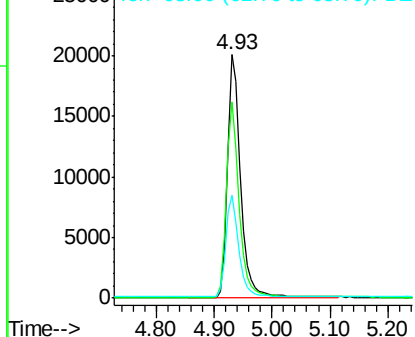
#4

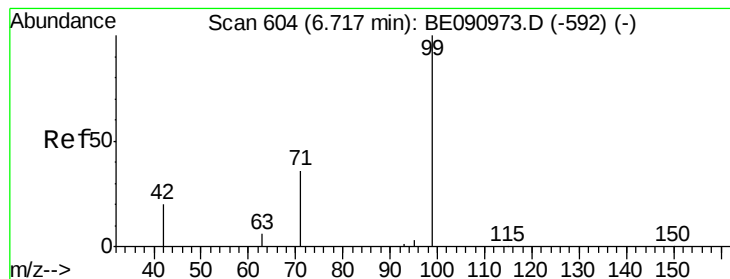
2-Fluorophenol
Concen: 9.16 ng
RT: 4.93 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE091036.D
Acq: 23 Oct 2015 16:31

Tgt Ion:112 Resp: 32287
Ion Ratio Lower Upper
112 100
64 78.9 30.9 46.3#
63 41.6 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: 9.59 ng

RT: 6.56 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB86253BL

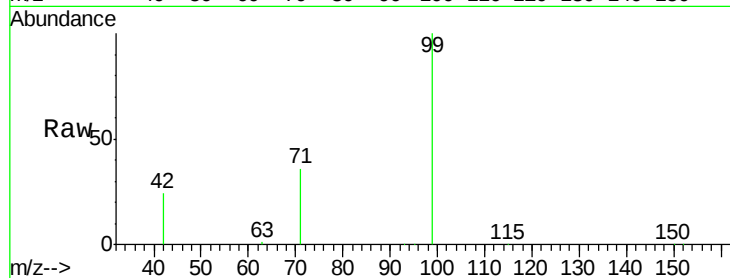
Tgt Ion: 99 Resp: 42612

Ion Ratio Lower Upper

99 100

42 26.4 16.2 24.2#

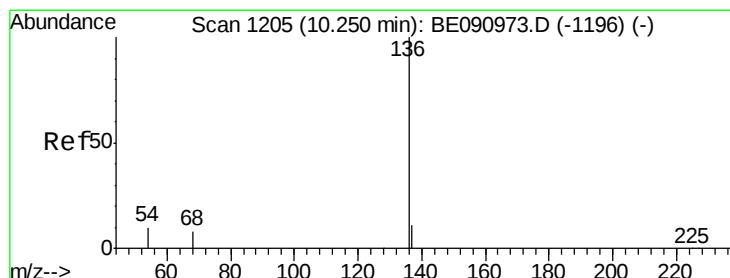
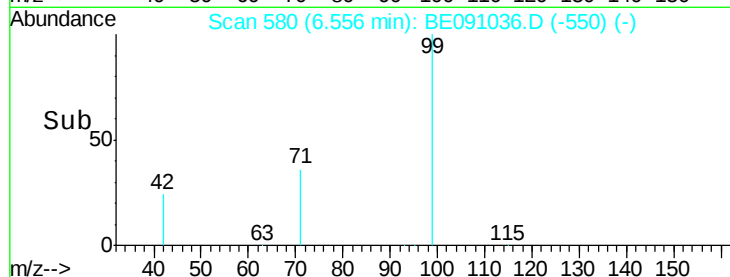
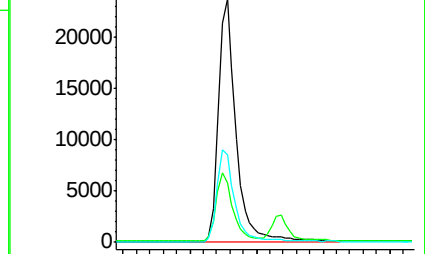
71 38.5 29.0 43.4



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: 9.59 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

Tgt Ion: 136 Resp: 77159

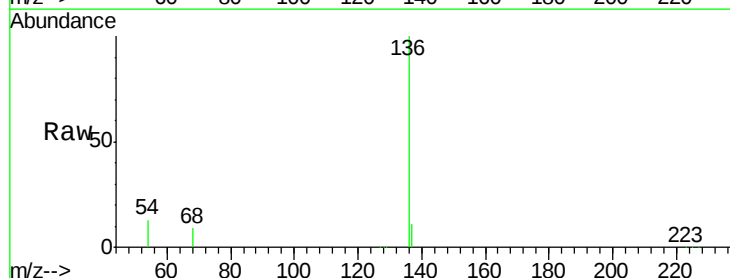
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 13.4 8.2 12.4#

68 8.8 6.2 9.4

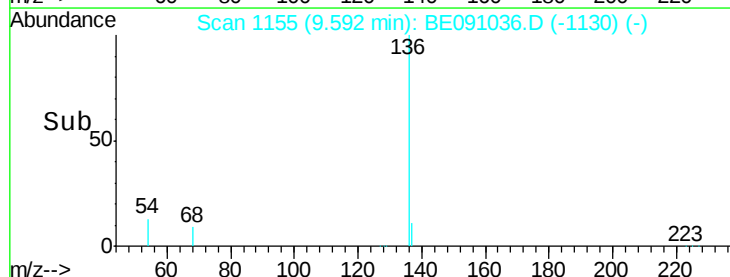
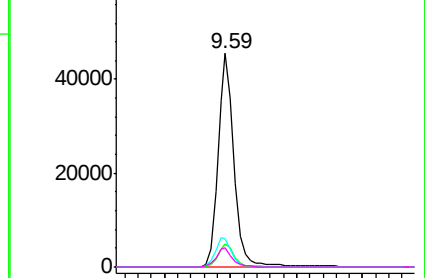


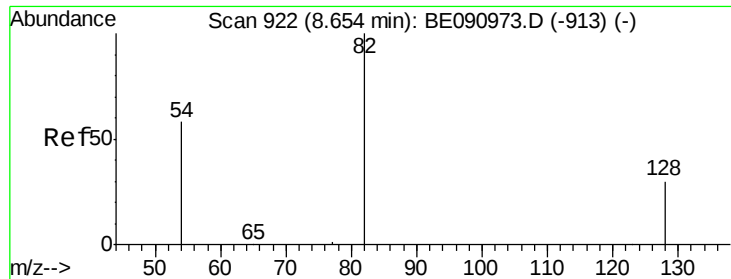
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.73 ng

RT: 8.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB86253BL

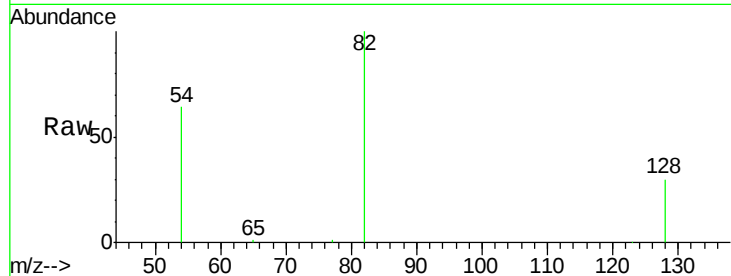
Tgt Ion: 82 Resp: 24002

Ion Ratio Lower Upper

82 100

128 29.7 25.4 38.0

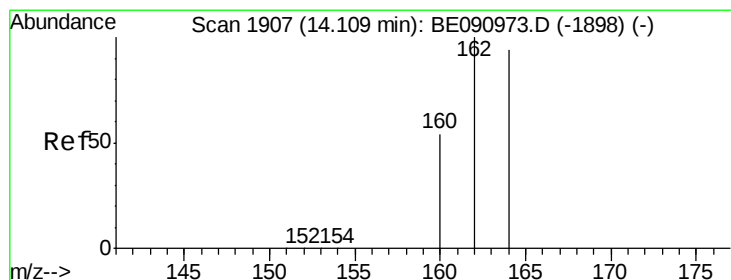
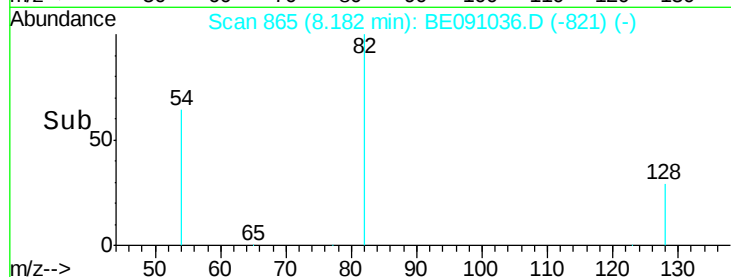
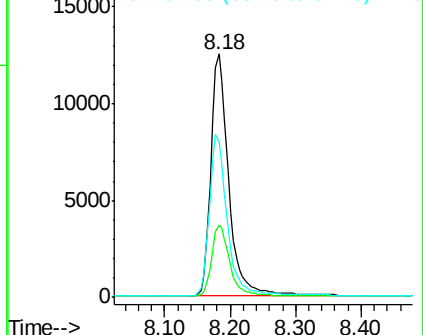
54 63.8 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.42 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

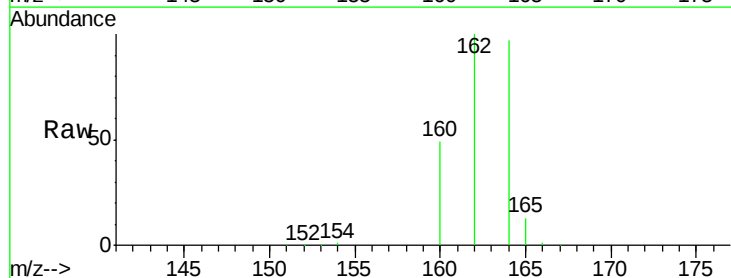
Tgt Ion: 164 Resp: 40486

Ion Ratio Lower Upper

164 100

162 103.0 85.3 127.9

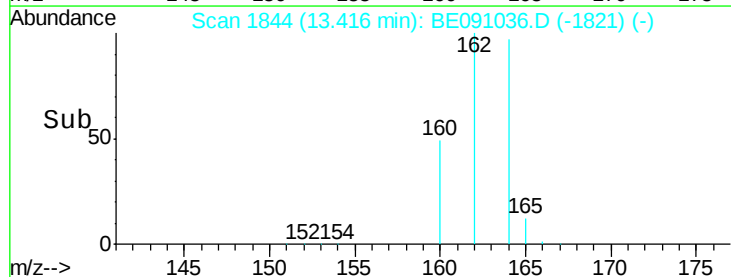
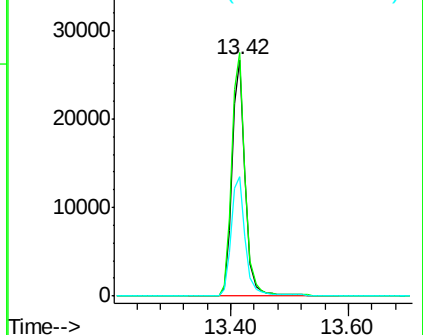
160 50.7 46.2 69.2

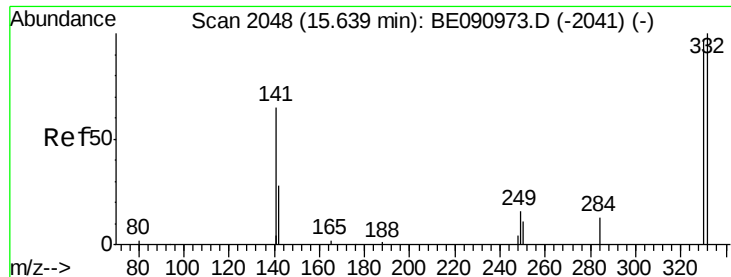


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

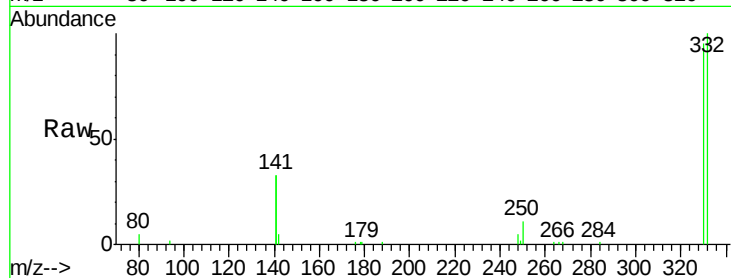




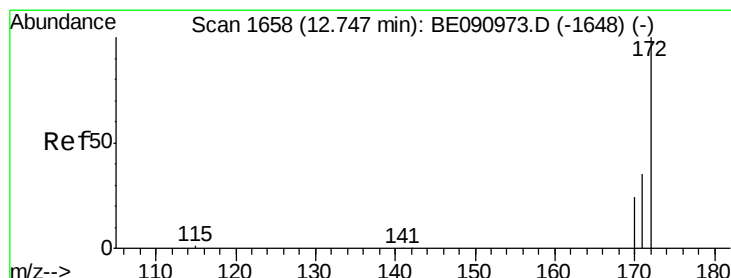
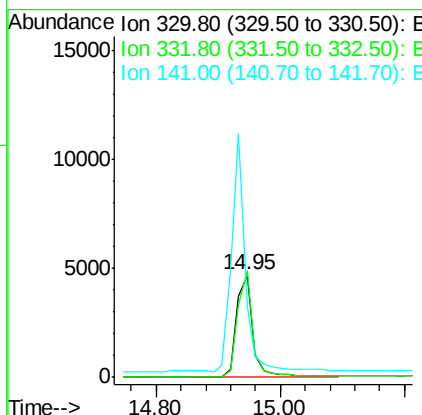
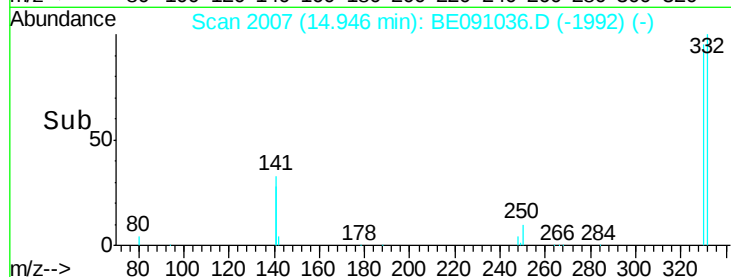
#14
 2,4,6-Tribromophenol
 Concen: 5.98 ng
 RT: 14.95 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BE091036.D
 Acq: 23 Oct 2015 16:31

Instrument :
 BNA_E
 ClientSampled :
 PB86253BL

Tgt Ion: 330 Resp: 8329
 Ion Ratio Lower Upper
 330 100
 332 98.4 79.1 118.7
 141 196.0 125.4 188.0#

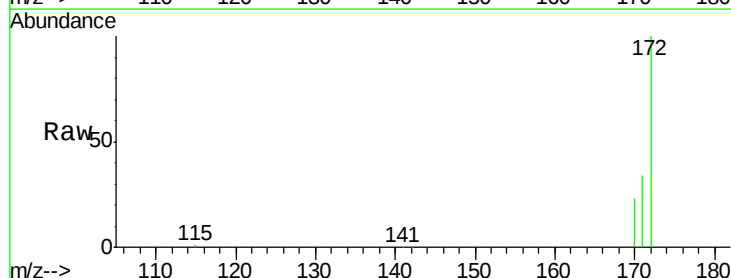


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

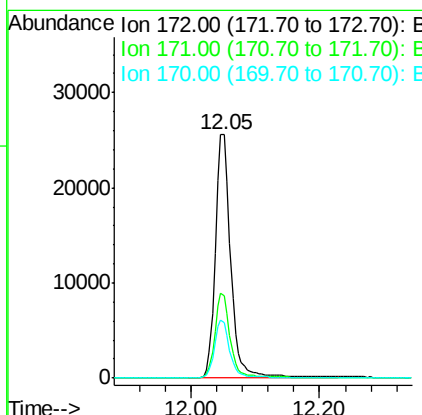
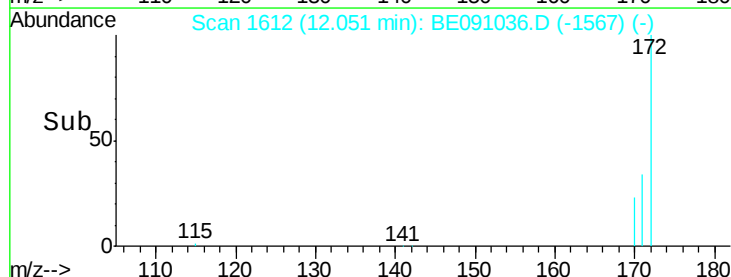


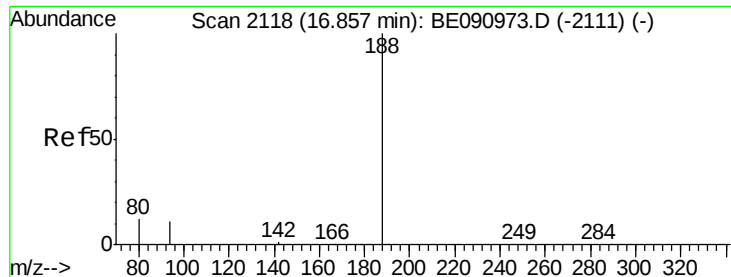
#15
 2-Fluorobiphenyl
 Concen: 3.87 ng
 RT: 12.05 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE091036.D
 Acq: 23 Oct 2015 16:31

Tgt Ion: 172 Resp: 42515
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.8 43.2
 170 22.9 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: 16.13 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB86253BL

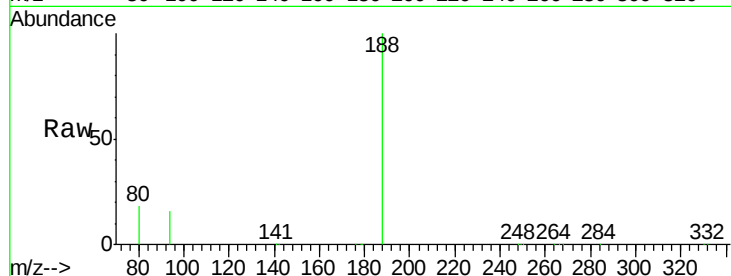
Tgt Ion:188 Resp: 100845

Ion Ratio Lower Upper

188 100

94 15.6 8.7 13.1#

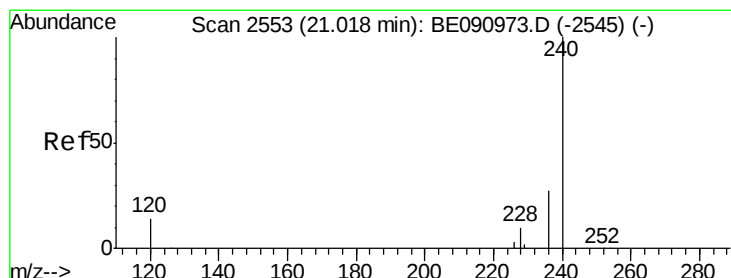
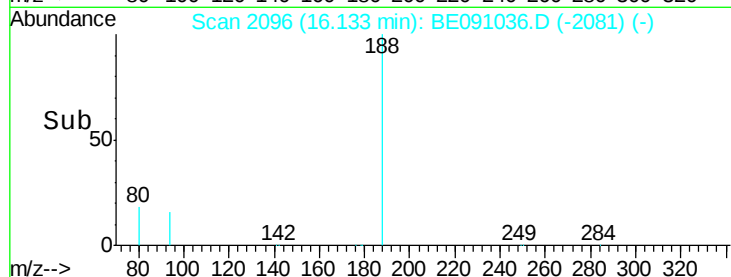
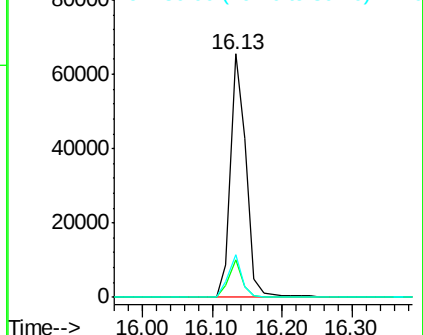
80 17.7 9.4 14.0#



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: 20.29 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

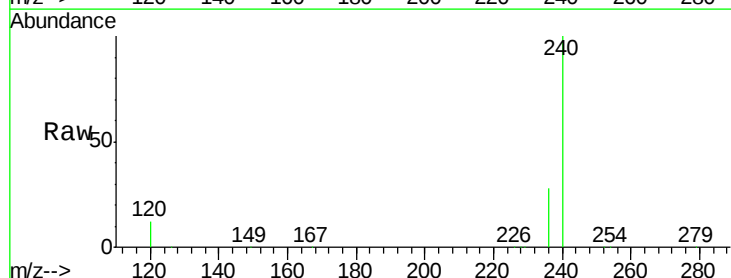
Tgt Ion:240 Resp: 130843

Ion Ratio Lower Upper

240 100

120 11.9 11.0 16.4

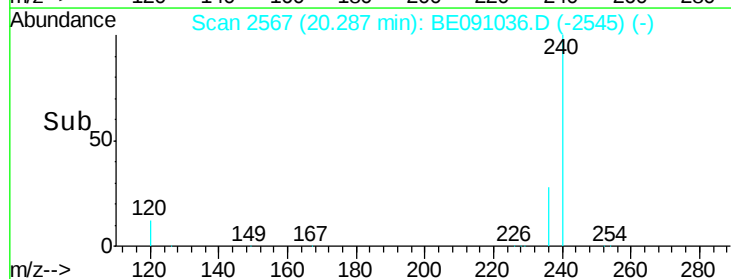
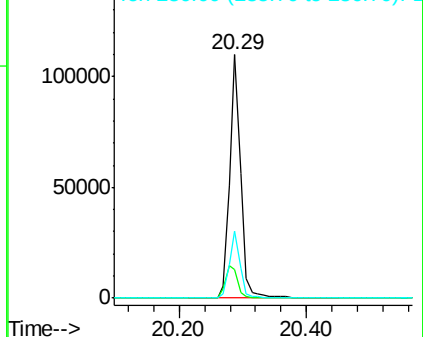
236 27.6 21.7 32.5

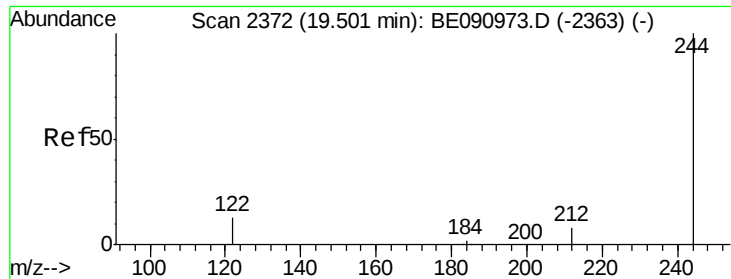


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.27 ng

RT: 18.69 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

Instrument :

BNA_E

ClientSampleId :

PB86253BL

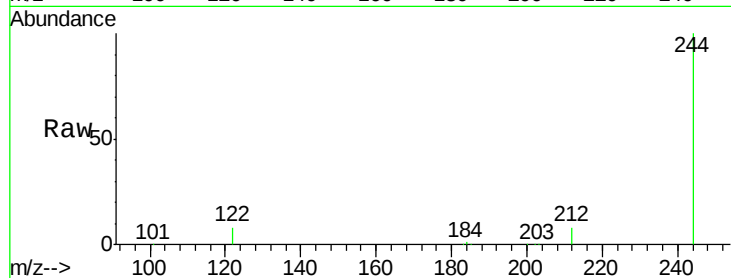
Tgt Ion:244 Resp: 68922

Ion Ratio Lower Upper

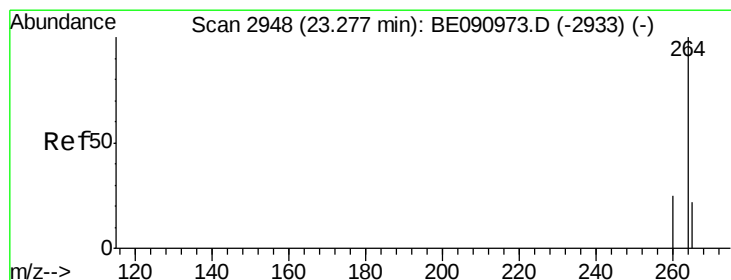
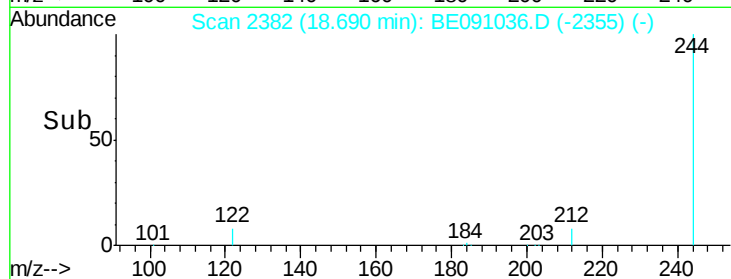
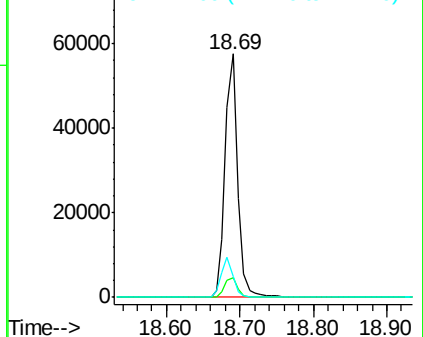
244 100

212 8.1 6.9 10.3

122 8.4 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: 22.19 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BE091036.D

Acq: 23 Oct 2015 16:31

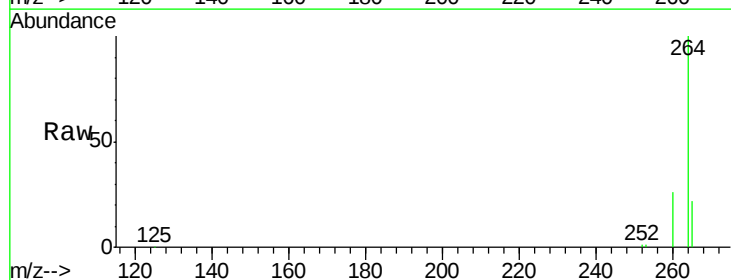
Tgt Ion:264 Resp: 134909

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 21.8 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

