

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021916\
 Data File : BE091418.D
 Acq On : 19 Feb 2016 17:38
 Operator : UM/IZ
 Sample : H1519-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-160217

Quant Time: Feb 19 23:11:59 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 00:27:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	39198	5.00	ng	0.00
4) Naphthalene-d8	9.54	136	163853	5.00	ng	0.00
8) Acenaphthene-d10	13.35	164	90778	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	222698	5.00	ng	-0.01
18) Chrysene-d12	20.21	240	342430	5.00	ng	0.00
24) Perylene-d12	22.09	264	360183	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	19182	2.23	ng	-0.03
3) Phenol-d6	6.56	99	13025	1.17	ng	-0.01
5) Nitrobenzene-d5	8.15	82	45395	4.23	ng	-0.02
9) 2,4,6-Tribromophenol	14.89	330	13782	3.31	ng	-0.01
10) 2-Fluorobiphenyl	11.99	172	104870	4.44	ng	-0.02
20) Terphenyl-d14	18.61	244	189128	3.73	ng	0.00

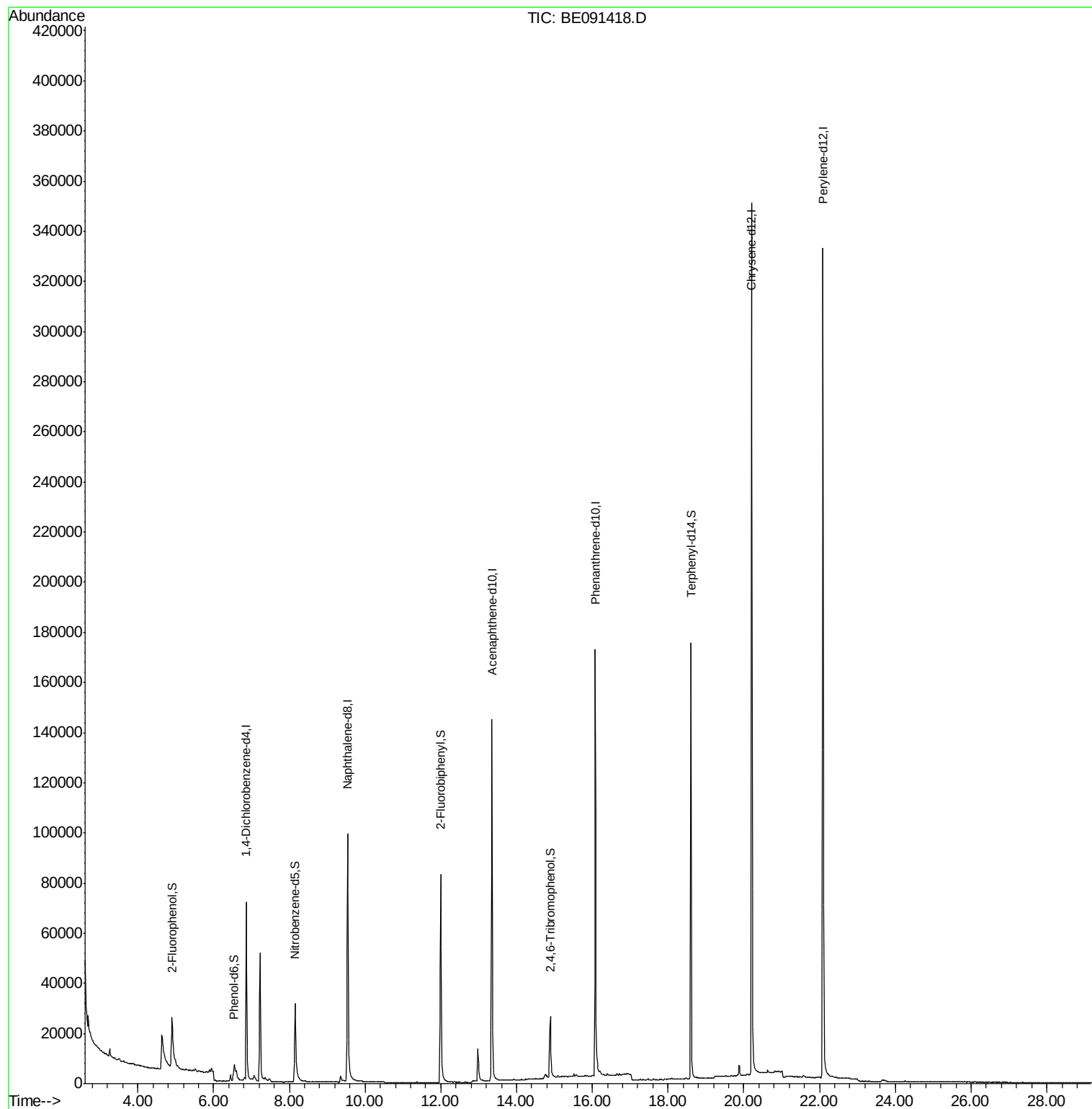
Target Compounds Qvalue

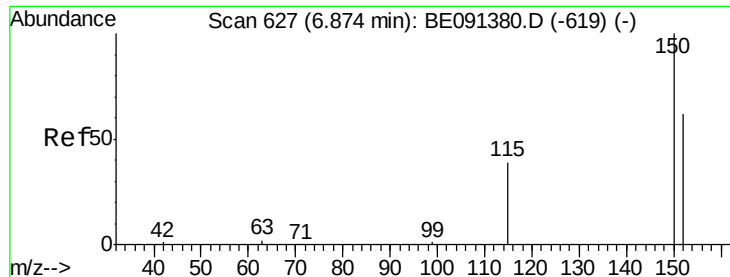
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.87 min Scan# 626

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160217

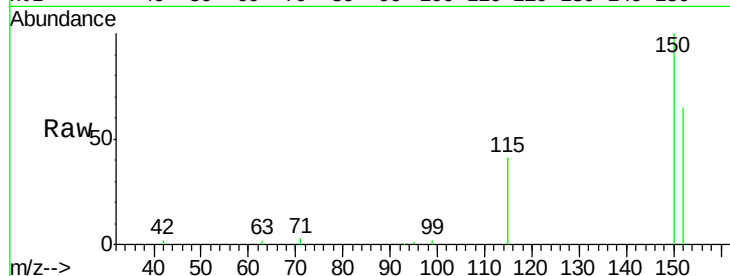
Tot Ion:152 Resp: 39198

Ion Ratio Lower Upper

152 100

150 155.0 128.9 193.3

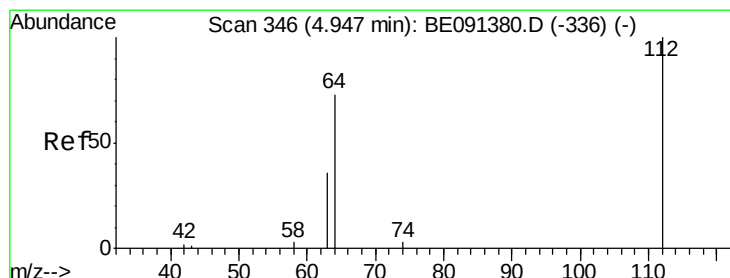
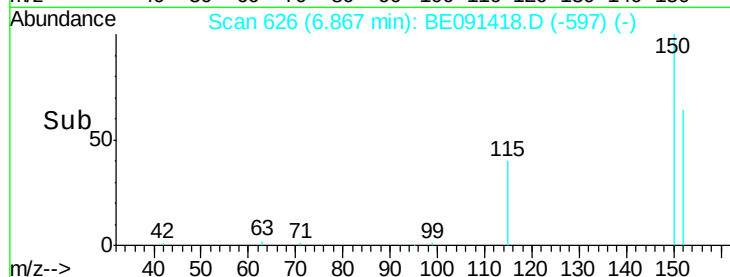
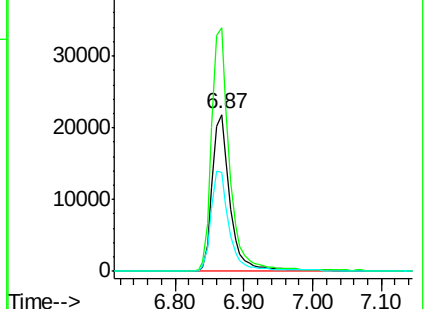
115 62.9 50.9 76.3



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



#2

2-Fluorophenol

Concen: 2.23 ng

RT: 4.91 min Scan# 341

Delta R.T. -0.03 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

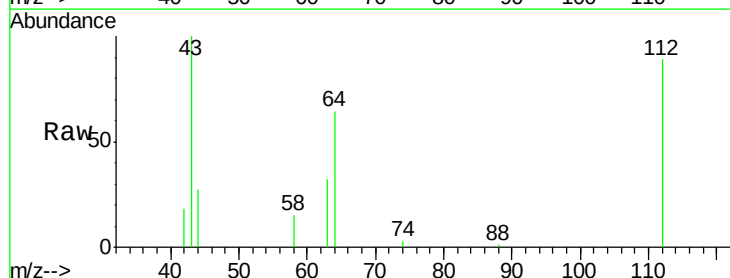
Tgt Ion:112 Resp: 19182

Ion Ratio Lower Upper

112 100

64 74.4 60.5 90.7

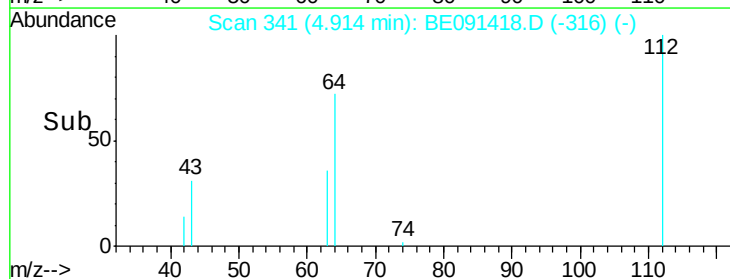
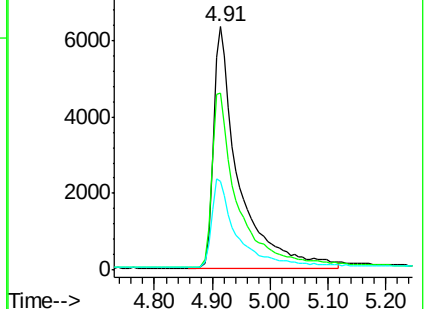
63 37.9 29.8 44.8

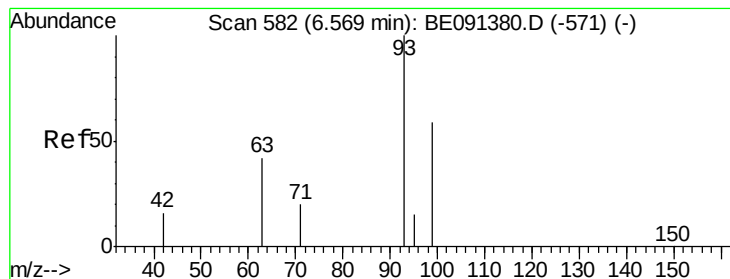


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 1.17 ng

RT: 6.56 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160217

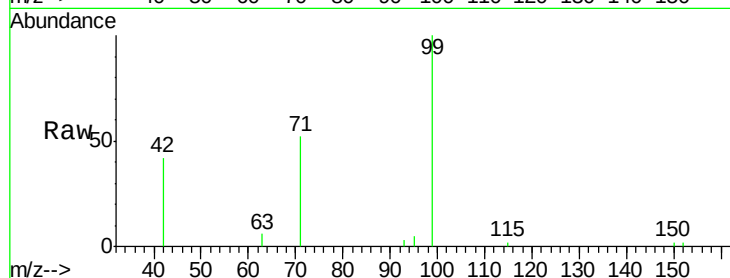
Tot Ion: 99 Resp: 13025

Ion Ratio Lower Upper

99 100

42 0.0 13.3 19.9#

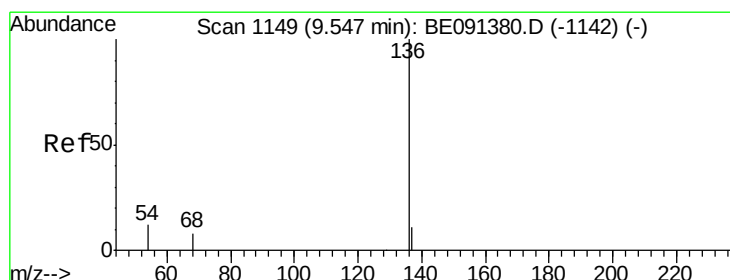
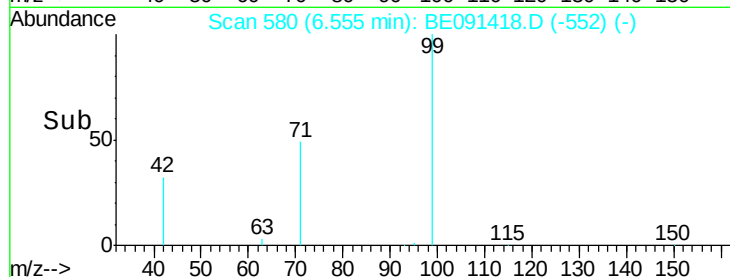
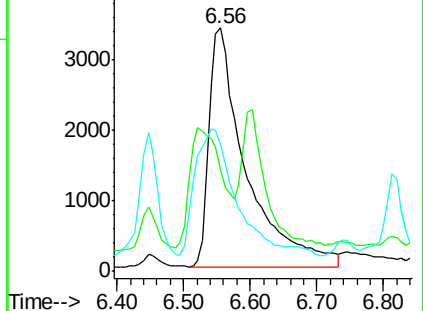
71 62.8 25.6 38.4#



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



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 9.54 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

Tgt Ion: 136 Resp: 163853

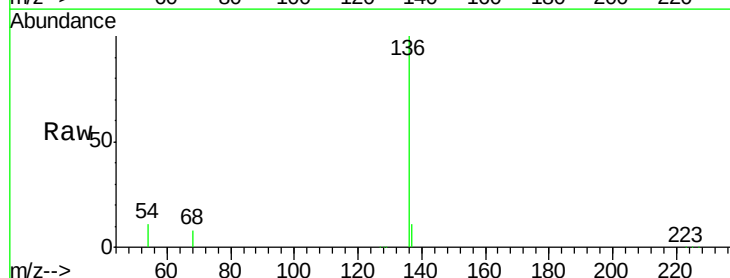
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.4 9.3 13.9

68 8.1 6.7 10.1

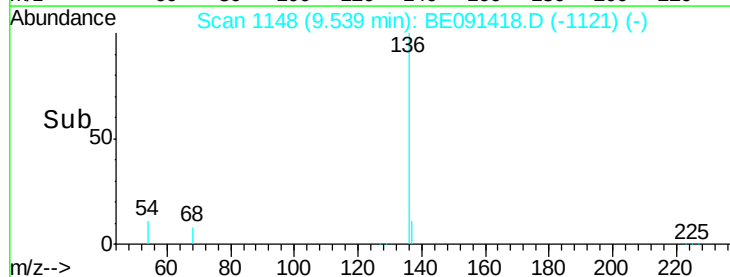
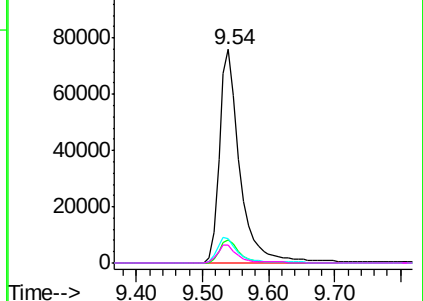


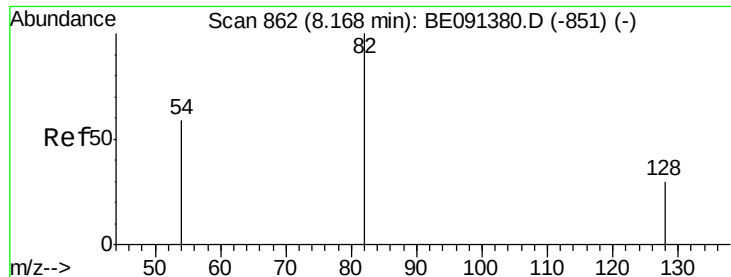
Abundance Ion 136.00 (135.70 to 136.70): E

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





#5

Nitrobenzene-d5

Concen: 4.23 ng

RT: 8.15 min Scan# 858

Delta R.T. -0.02 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160217

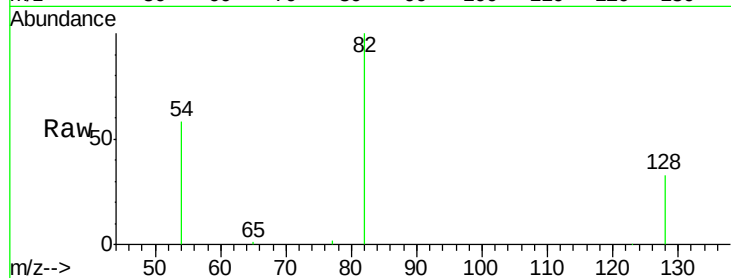
Tot Ion: 82 Resp: 45395

Ion Ratio Lower Upper

82 100

128 32.7 25.0 37.4

54 57.6 48.1 72.1

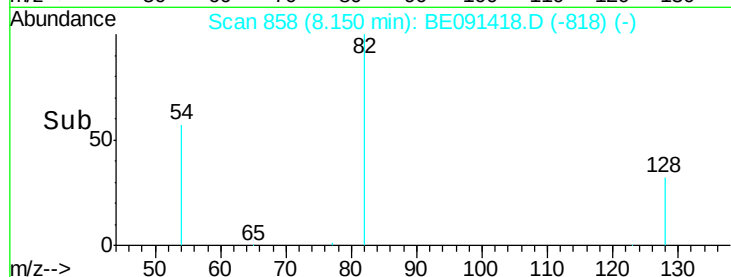


Abundance Ion 82.00 (81.70 to 82.70): BE091380.D (-851) (-)

Ion 128.00 (127.70 to 128.70): BE091380.D (-851) (-)

Ion 54.00 (53.70 to 54.70): BE091380.D (-851) (-)

Time-->



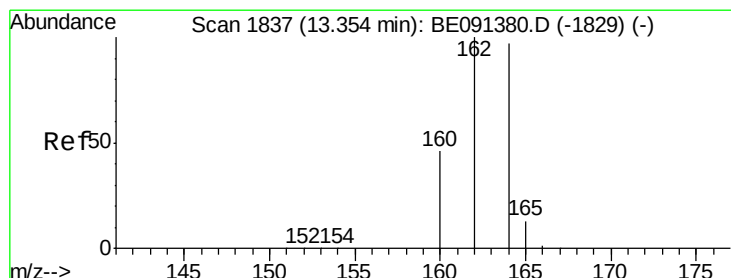
Abundance

Ion 82.00 (81.70 to 82.70): BE091418.D (-818) (-)

Ion 128.00 (127.70 to 128.70): BE091418.D (-818) (-)

Ion 54.00 (53.70 to 54.70): BE091418.D (-818) (-)

Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.35 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

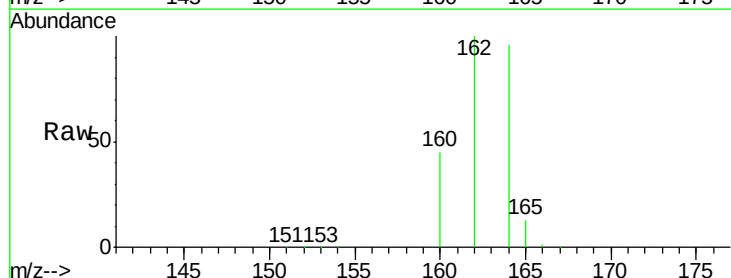
Tgt Ion: 164 Resp: 90778

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.2

160 46.3 37.8 56.8

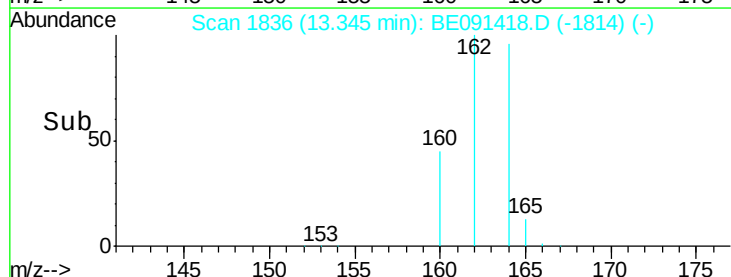


Abundance Ion 164.00 (163.70 to 164.70): BE091380.D (-1829) (-)

Ion 162.00 (161.70 to 162.70): BE091380.D (-1829) (-)

Ion 160.00 (159.70 to 160.70): BE091380.D (-1829) (-)

Time-->



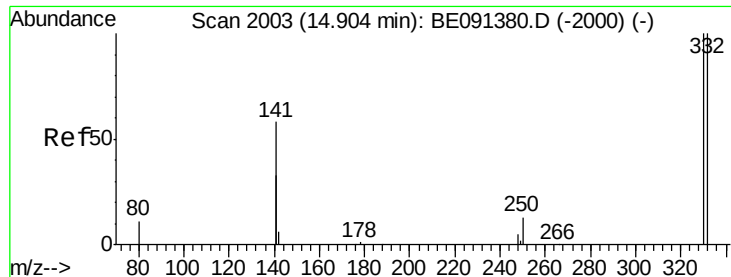
Abundance

Ion 164.00 (163.70 to 164.70): BE091418.D (-1814) (-)

Ion 162.00 (161.70 to 162.70): BE091418.D (-1814) (-)

Ion 160.00 (159.70 to 160.70): BE091418.D (-1814) (-)

Time-->



#9

2,4,6-Tribromophenol

Concen: 3.31 ng

RT: 14.89 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160217

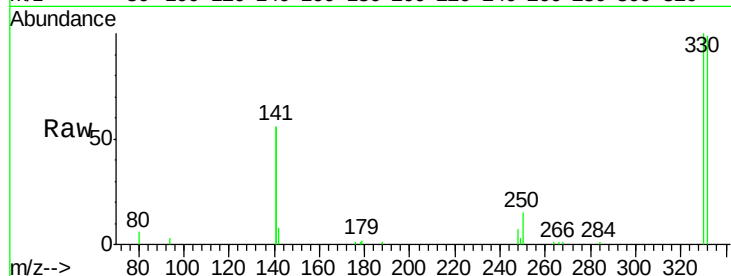
Tot Ion:330 Resp: 13782

Ion Ratio Lower Upper

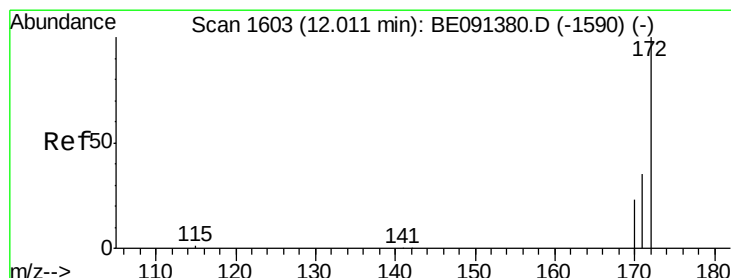
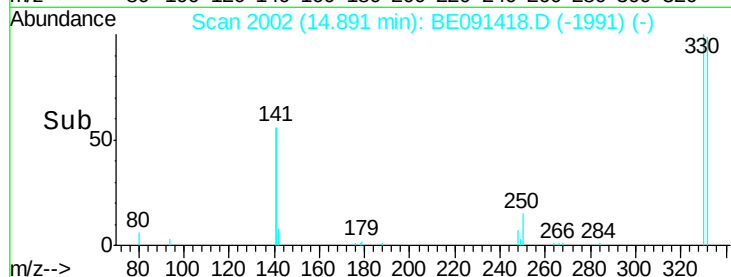
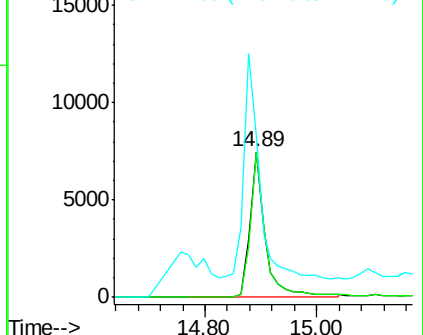
330 100

332 97.3 78.8 118.2

141 157.7 105.1 157.7#



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



#10

2-Fluorobiphenyl

Concen: 4.44 ng

RT: 11.99 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

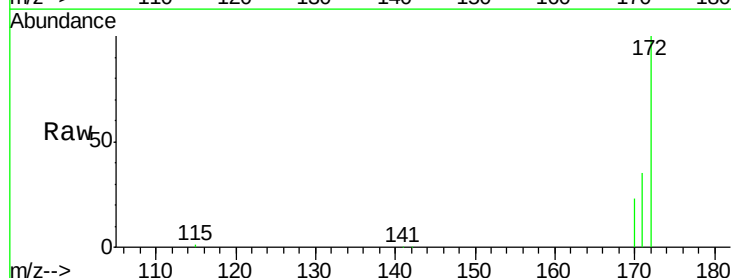
Tgt Ion:172 Resp: 104870

Ion Ratio Lower Upper

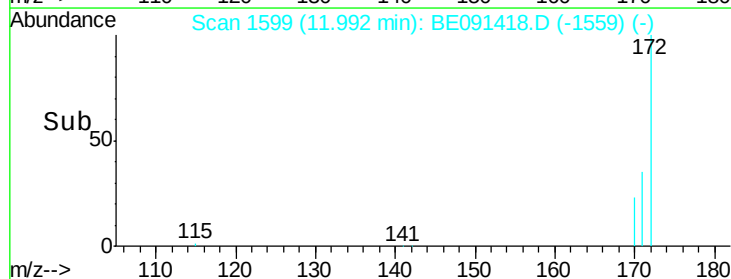
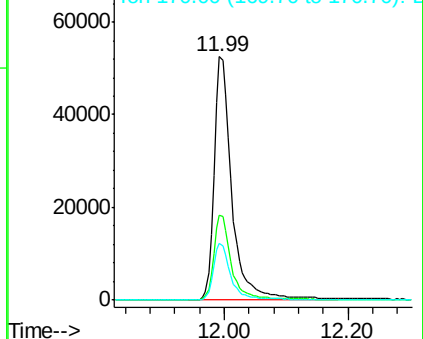
172 100

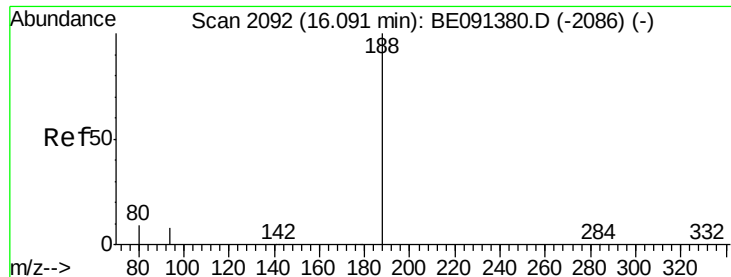
171 34.8 27.8 41.8

170 23.5 18.6 28.0



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





#14

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.08 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

Instrument :

BNA_E

ClientSampleId :

KY038PS037-160217

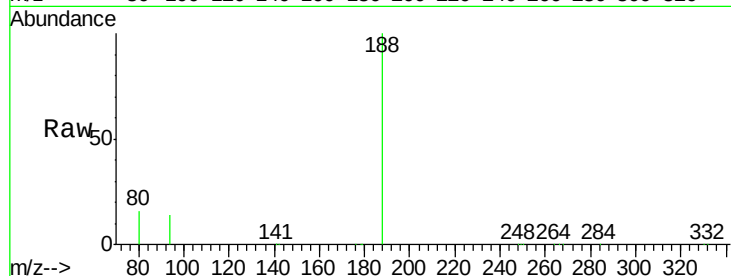
Tot Ion:188 Resp: 222698

Ion Ratio Lower Upper

188 100

94 14.0 6.6 10.0#

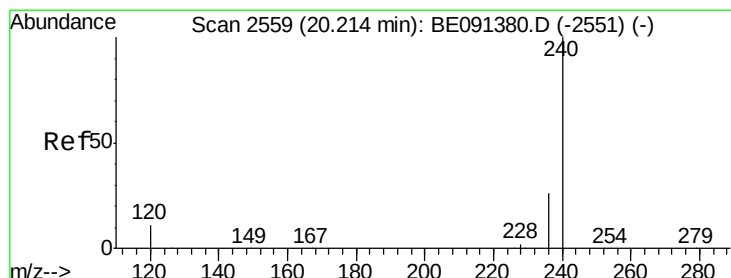
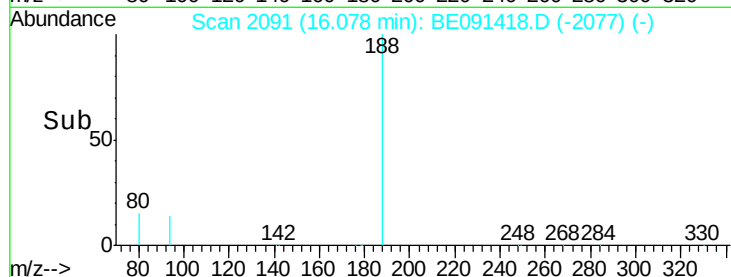
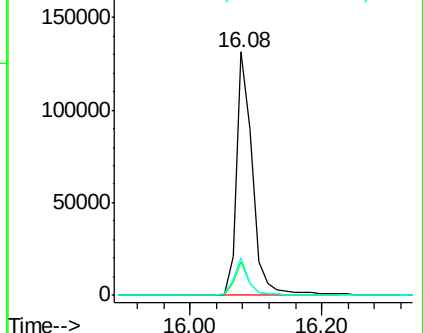
80 15.6 7.0 10.6#



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



#18

Chrysene-d12

Concen: 5.00 ng

RT: 20.21 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BE091418.D

Acq: 19 Feb 2016 17:38

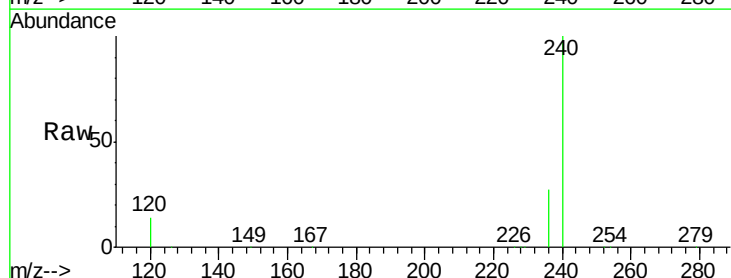
Tgt Ion:240 Resp: 342430

Ion Ratio Lower Upper

240 100

120 13.8 8.9 13.3#

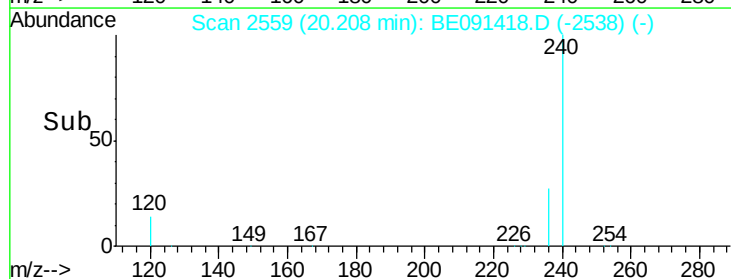
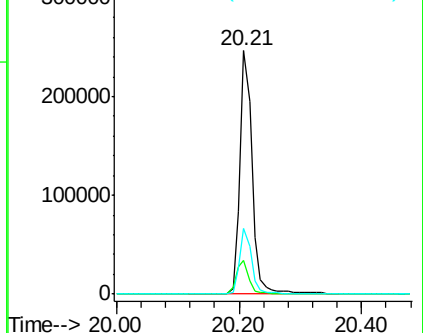
236 27.0 21.0 31.4

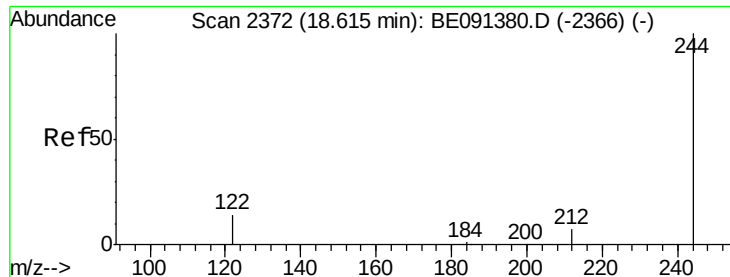


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

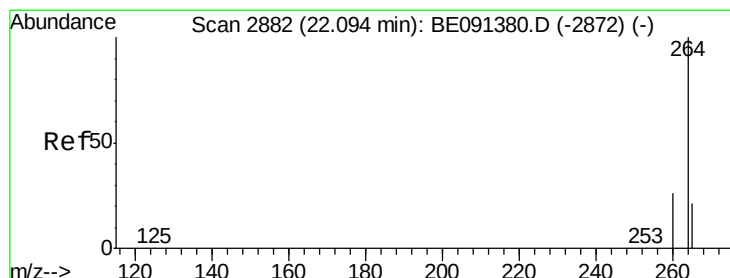
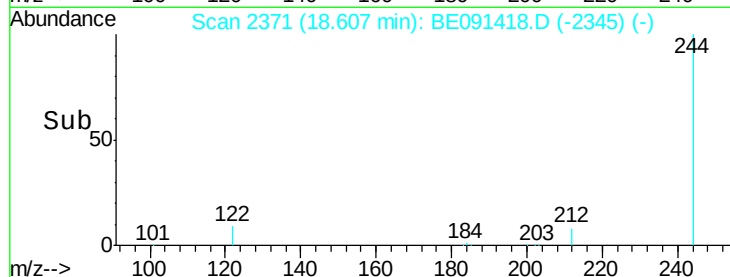
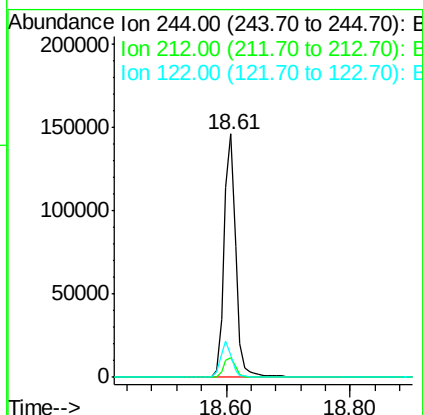
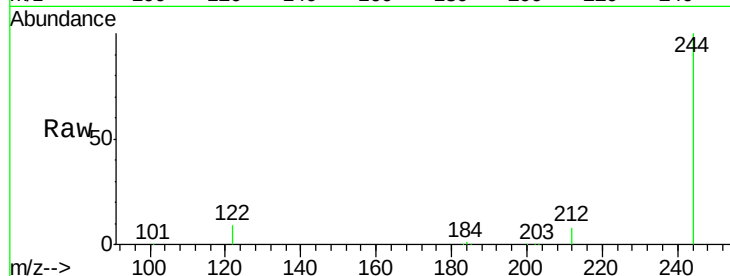




#20
 Terphenyl-d14
 Concen: 3.73 ng
 RT: 18.61 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BE091418.D
 Acq: 19 Feb 2016 17:38

Instrument :
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Tot Ion:244 Resp: 189128
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 9.2 11.0 16.6#



#24
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.09 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BE091418.D
 Acq: 19 Feb 2016 17:38

Tgt Ion:264 Resp: 360183
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.7 31.1
 265 21.9 17.2 25.8

