

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
 Data File : BE091777.D
 Acq On : 16 May 2016 17:13
 Operator : UM/SJ
 Sample : PB90589BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90589BL

Quant Time: May 17 12:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	50811	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	248038	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	152451	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	364640	5.00	ng	0.00
26) Chrysene-d12	21.31	240	355731	5.00	ng	0.00
35) Perylene-d12	23.74	264	373053	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	77651	6.22	ng	0.00
5) Phenol-d6	6.96	99	110755	6.69	ng	0.00
8) Nitrobenzene-d5	8.95	82	46193	2.89	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	28846	5.14	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	137057	3.18	ng	0.00
29) Terphenyl-d14	19.76	244	198707	3.58	ng	0.00

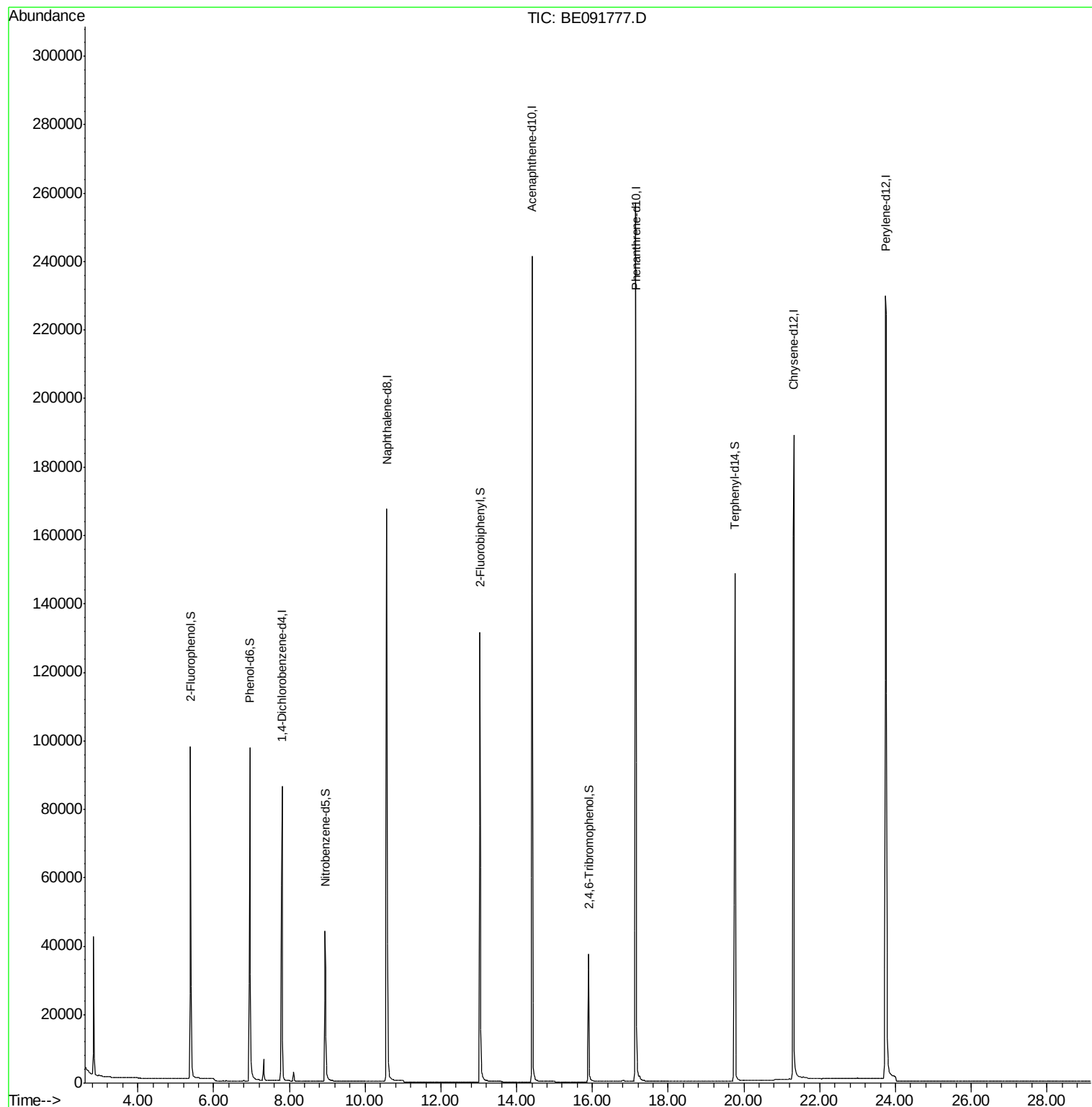
Target Compounds Qvalue

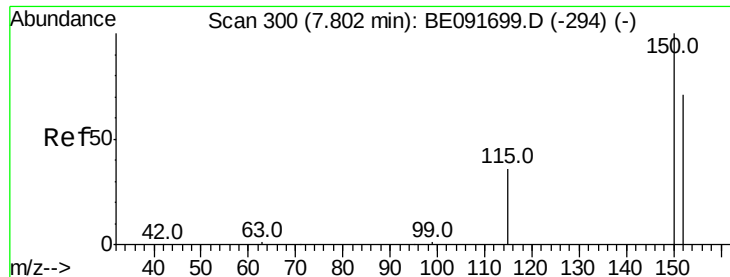
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

Instrument :

BNA_E

ClientSampled :

PB90589BL

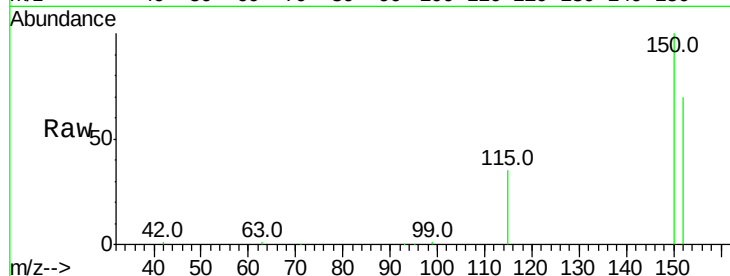
Tot Ion:152 Resp: 50811

Ion Ratio Lower Upper

152 100

150 142.1 122.6 183.8

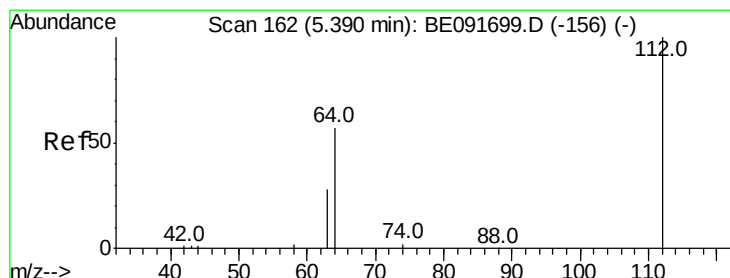
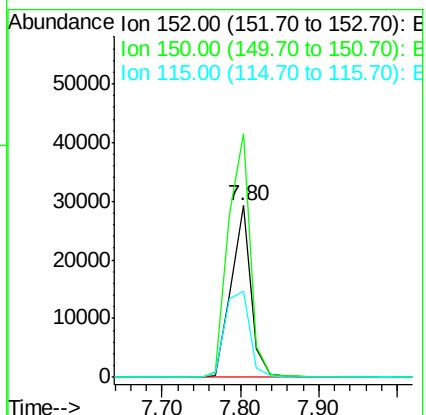
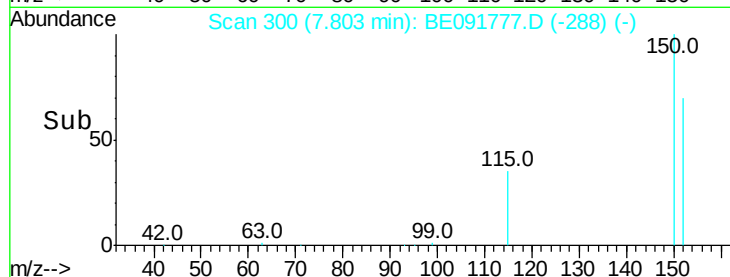
115 50.3 52.8 79.2#



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: 6.22 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

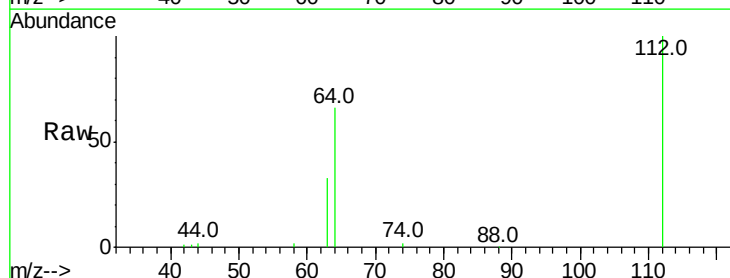
Tgt Ion:112 Resp: 77651

Ion Ratio Lower Upper

112 100

64 65.9 30.9 46.3#

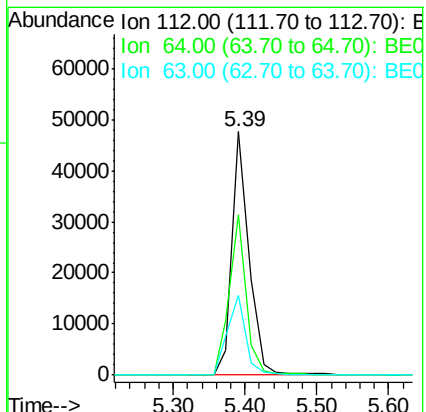
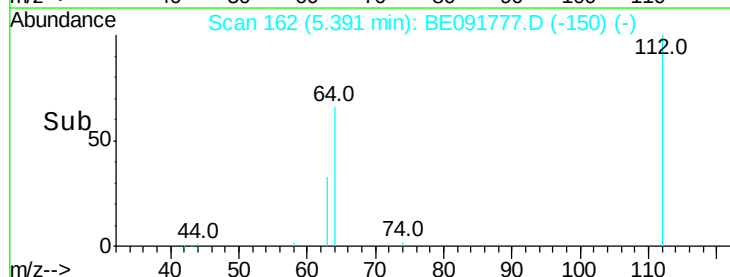
63 35.4 16.7 25.1#

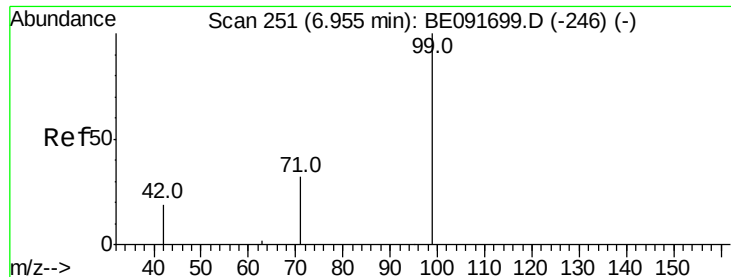


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.69 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

Instrument :

BNA_E

ClientSampleId :

PB90589BL

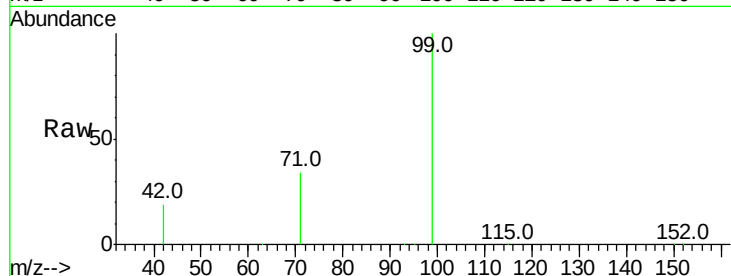
Tot Ion: 99 Resp: 110755

Ion Ratio Lower Upper

99 100

42 23.9 16.2 24.2

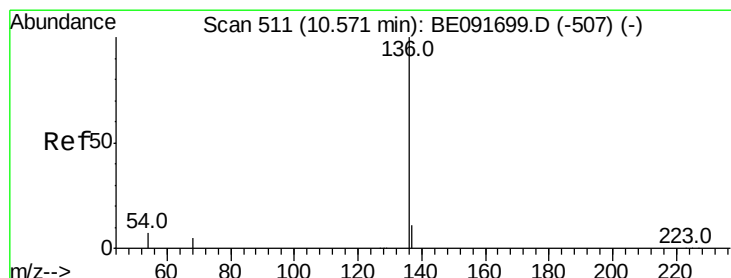
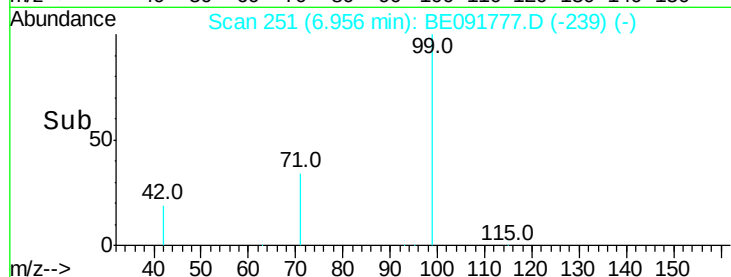
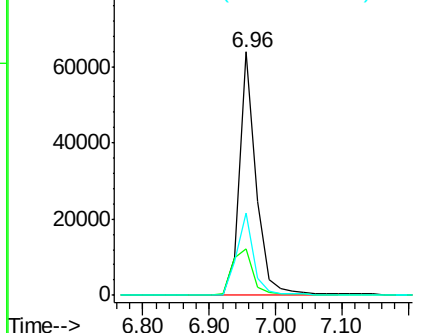
71 35.0 29.0 43.4



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: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

Tgt Ion: 136 Resp: 248038

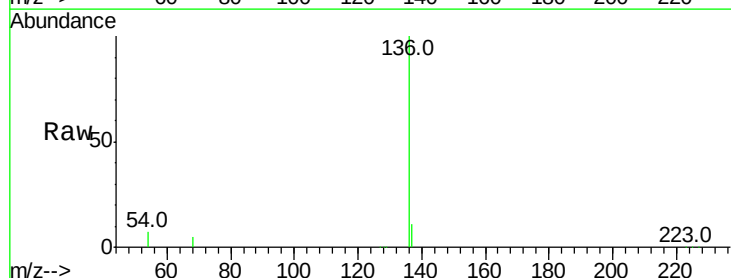
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 8.2 12.4#

68 5.0 6.2 9.4#

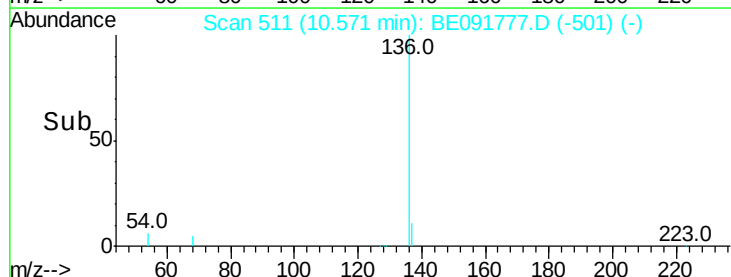
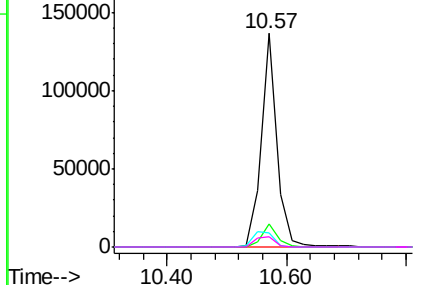


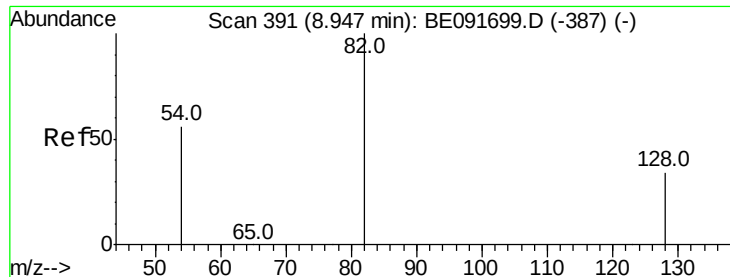
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.89 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

Instrument :

BNA_E

ClientSampleId :

PB90589BL

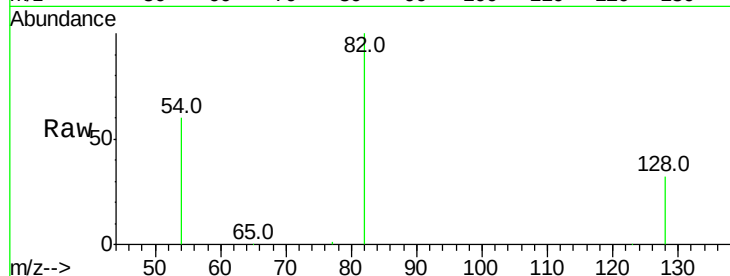
Tot Ion: 82 Resp: 46193

Ion Ratio Lower Upper

82 100

128 31.9 25.4 38.0

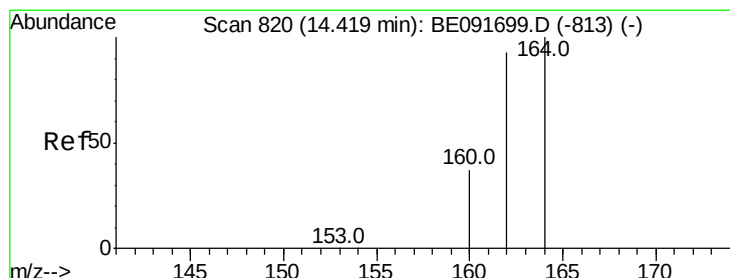
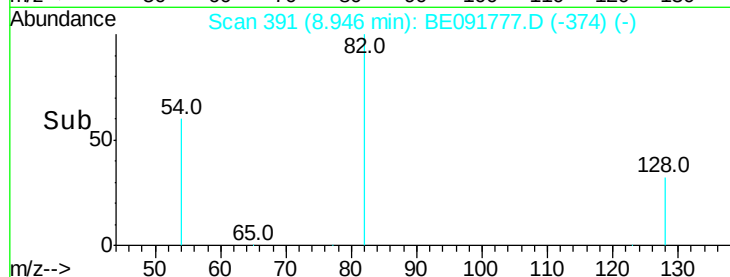
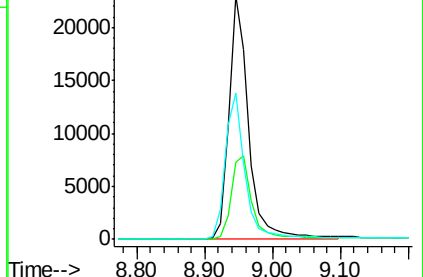
54 60.0 48.4 72.6



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: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

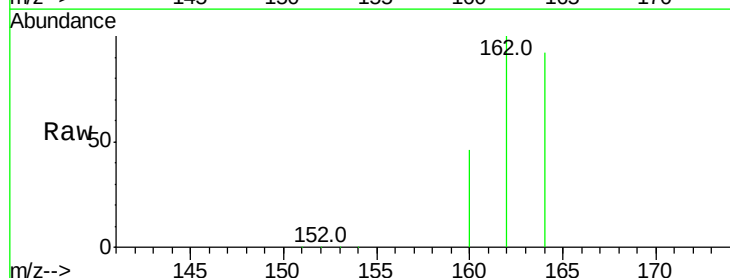
Tgt Ion: 164 Resp: 152451

Ion Ratio Lower Upper

164 100

162 108.4 85.3 127.9

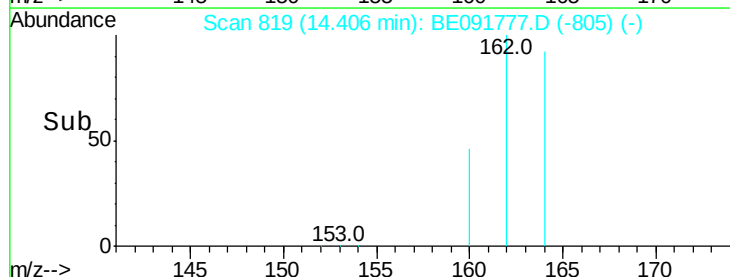
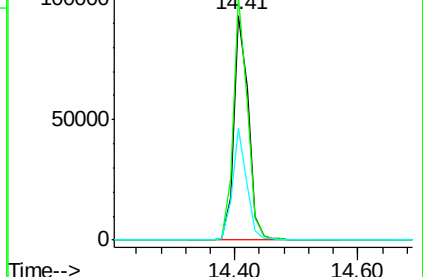
160 50.0 46.2 69.2

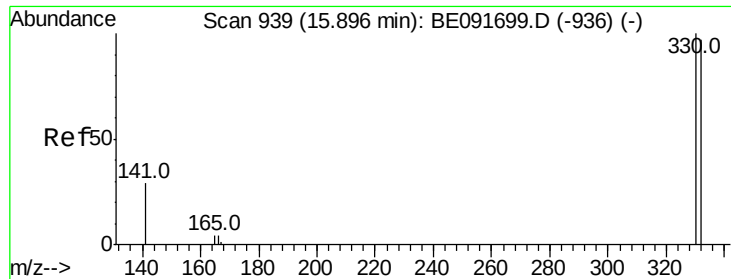


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

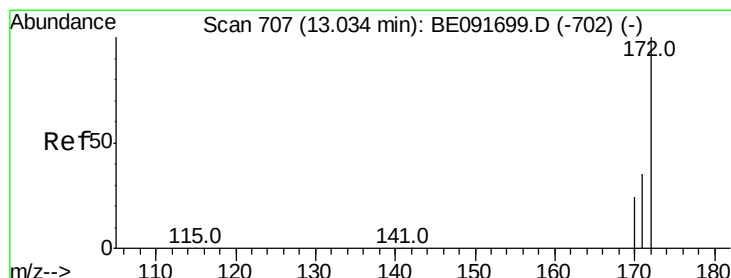
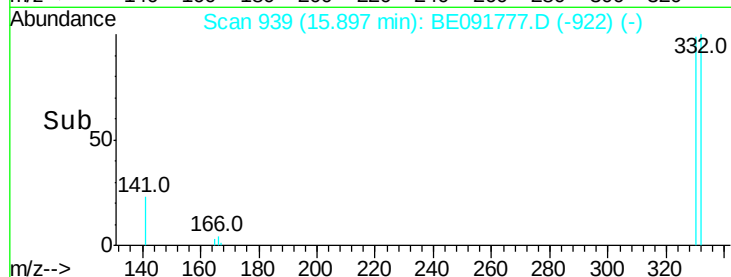
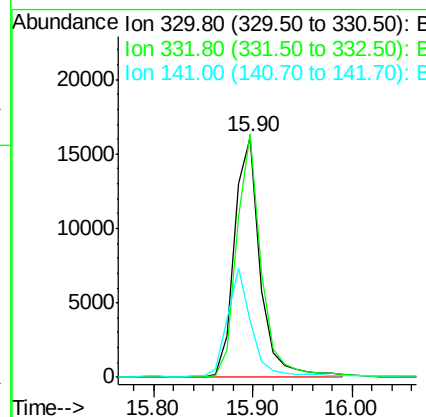
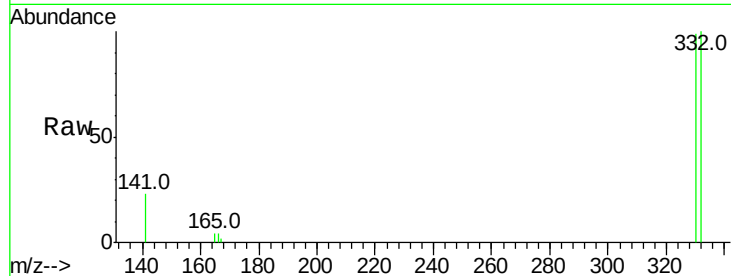




#14
 2,4,6-Tribromophenol
 Concen: 5.14 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091777.D
 Acq: 16 May 2016 17:13

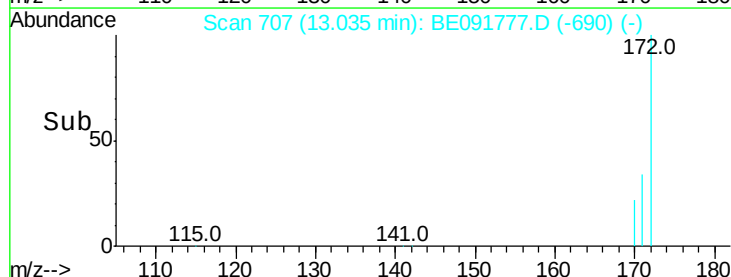
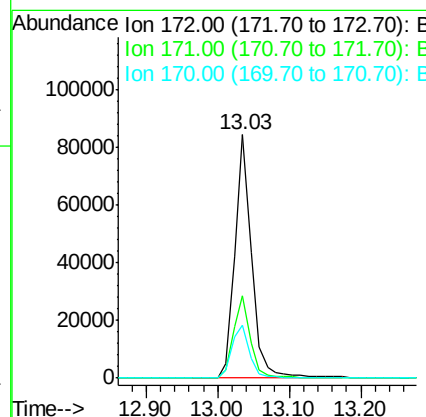
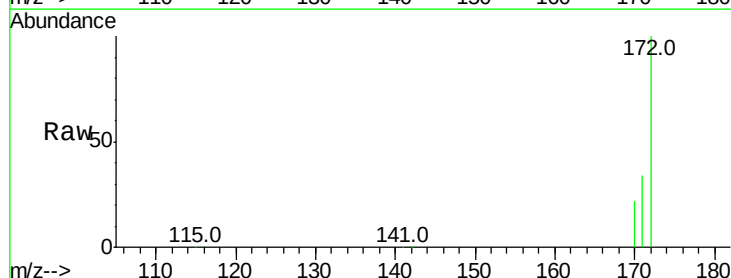
Instrument :
 BNA_E
 ClientSampleId :
 PB90589BL

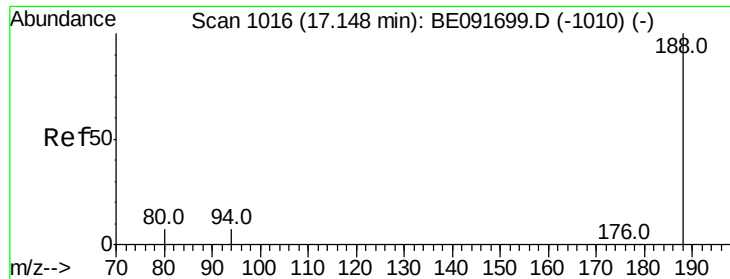
Tot Ion:330 Resp: 28846
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.1 118.7
 141 42.2 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.18 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091777.D
 Acq: 16 May 2016 17:13

Tgt Ion:172 Resp: 137057
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.8 43.2
 170 21.8 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

Instrument :

BNA_E

ClientSampleId :

PB90589BL

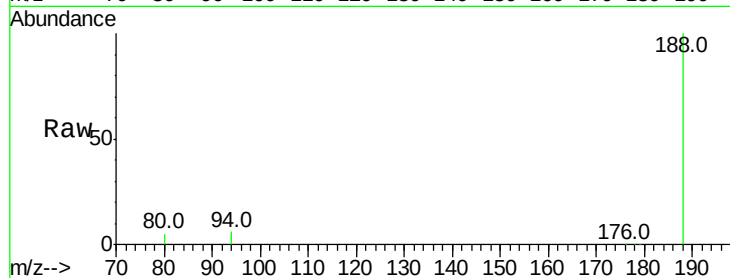
Tot Ion:188 Resp: 364640

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

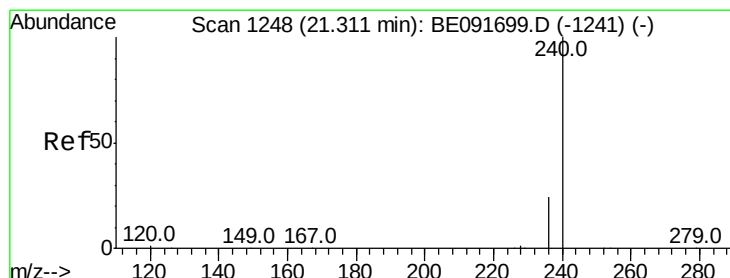
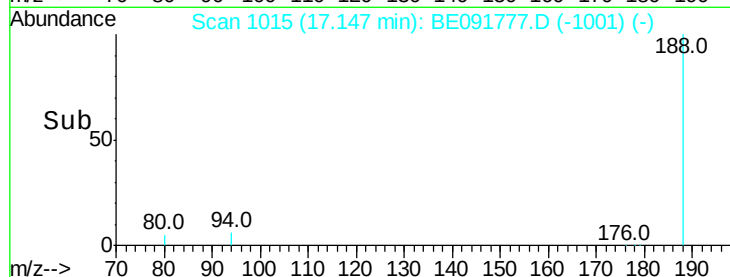
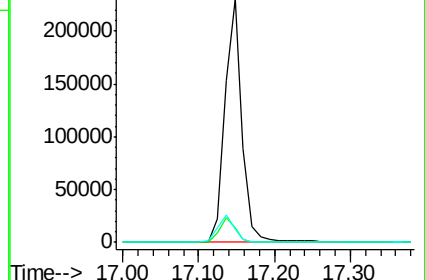
80 5.4 9.4 14.0#



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: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

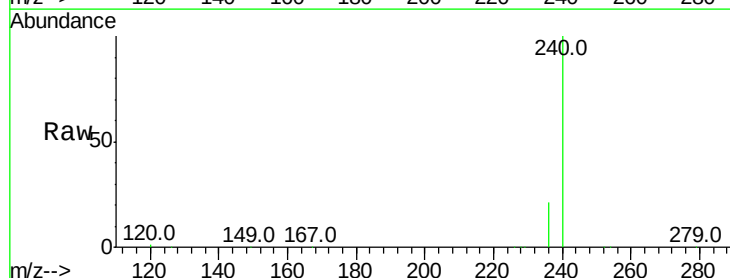
Tgt Ion:240 Resp: 355731

Ion Ratio Lower Upper

240 100

120 1.0 11.0 16.4#

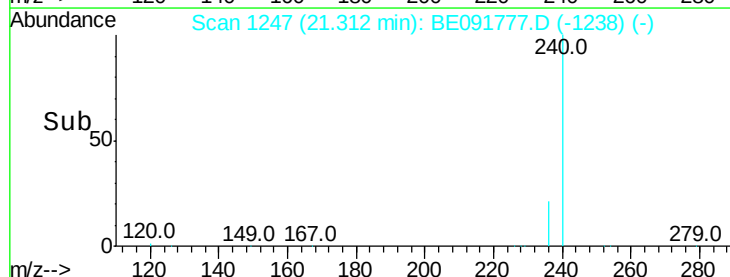
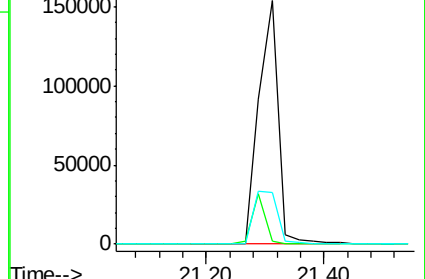
236 21.3 21.7 32.5#

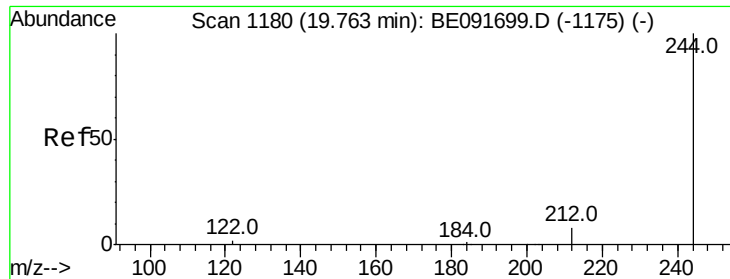


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.58 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

Instrument :

BNA_E

ClientSampleId :

PB90589BL

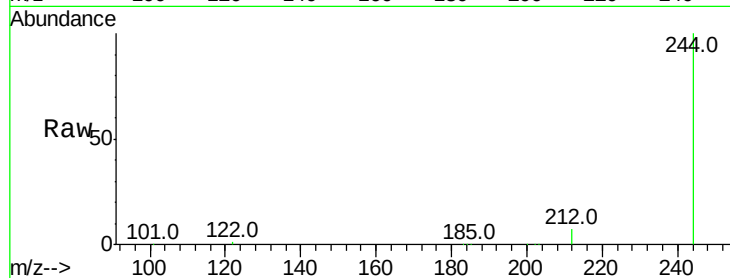
Tot Ion:244 Resp: 198707

Ion Ratio Lower Upper

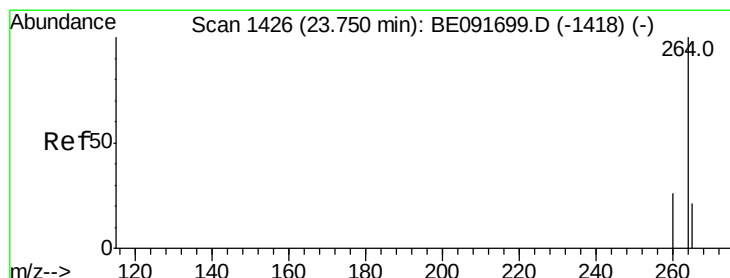
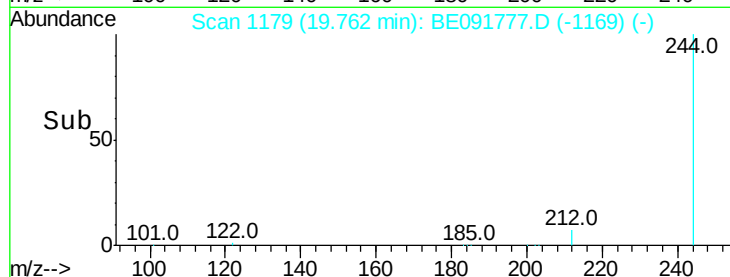
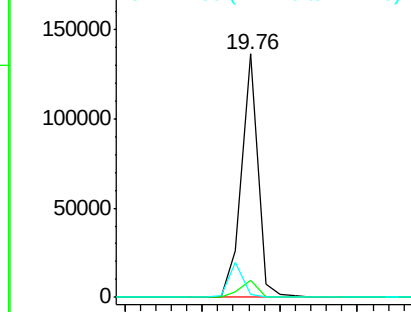
244 100

212 6.9 6.9 10.3#

122 1.3 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: 23.74 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BE091777.D

Acq: 16 May 2016 17:13

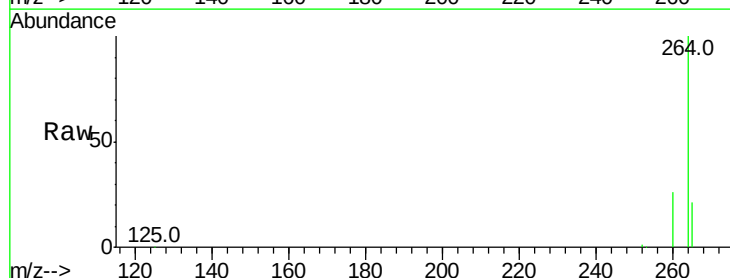
Tgt Ion:264 Resp: 373053

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 20.8 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

