

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\
 Data File : BE091733.D
 Acq On : 29 Apr 2016 14:48
 Operator : UM/SJ
 Sample : PB90187BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BL

Quant Time: Apr 29 23:31:21 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	33979	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	147764	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	80579	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	227689	5.00	ng	0.00
26) Chrysene-d12	21.31	240	221758	5.00	ng	0.00
35) Perylene-d12	23.75	264	233860	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	56325	6.75	ng	0.00
5) Phenol-d6	6.95	99	74017	6.69	ng	0.00
8) Nitrobenzene-d5	8.95	82	30644	3.21	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	18109	6.08	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	88615	3.89	ng	0.00
29) Terphenyl-d14	19.76	244	151449	4.38	ng	0.00

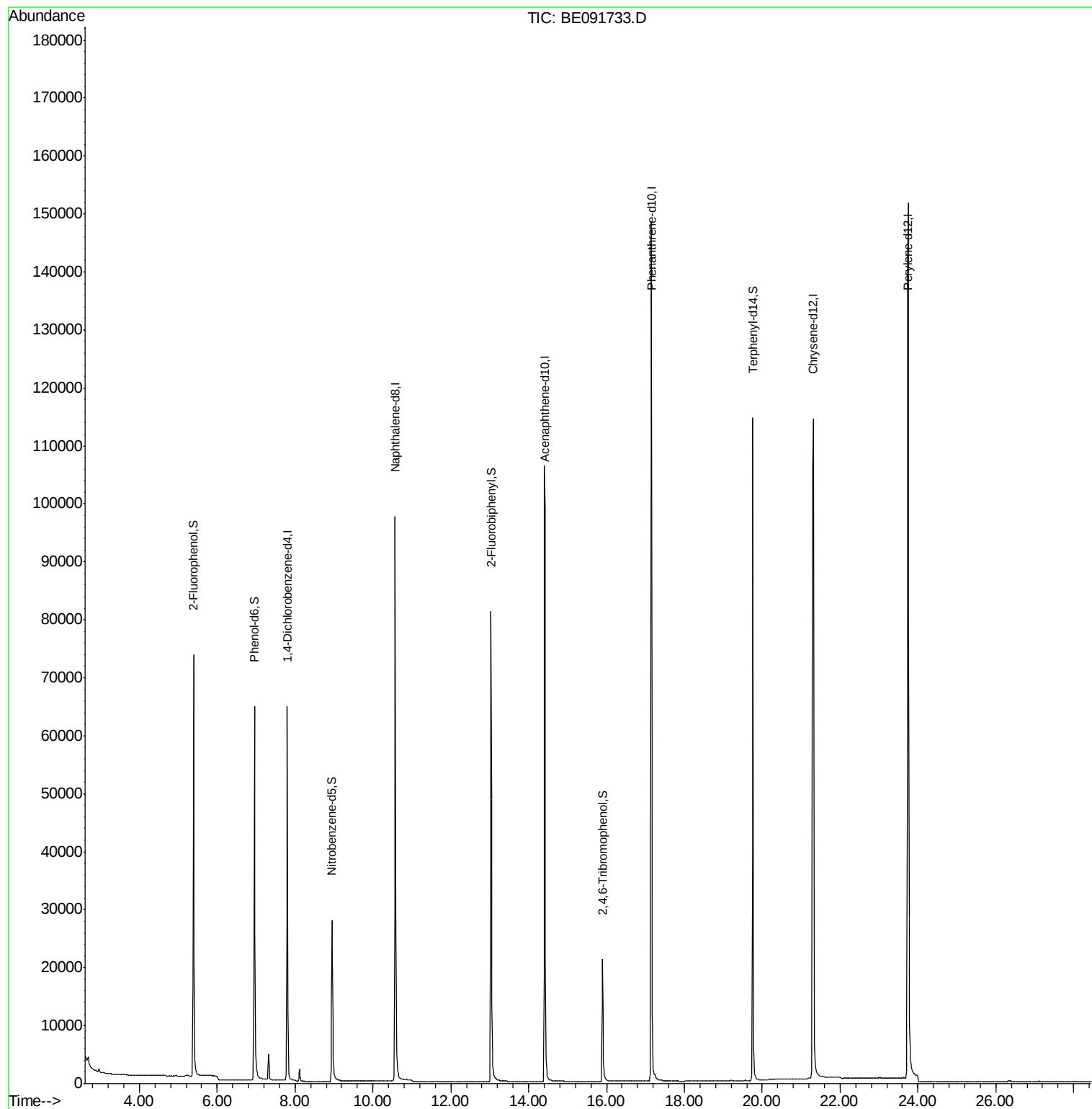
Target Compounds	Qvalue
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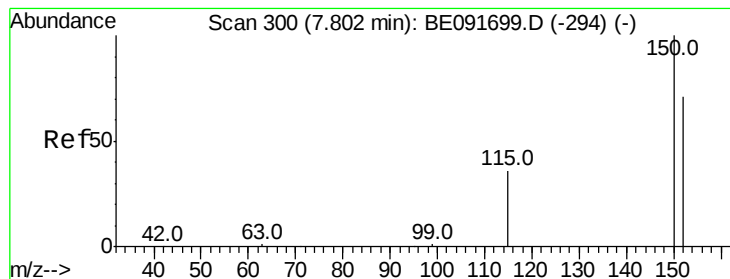
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

Instrument :

BNA_E

ClientSampleId :

PB90187BL

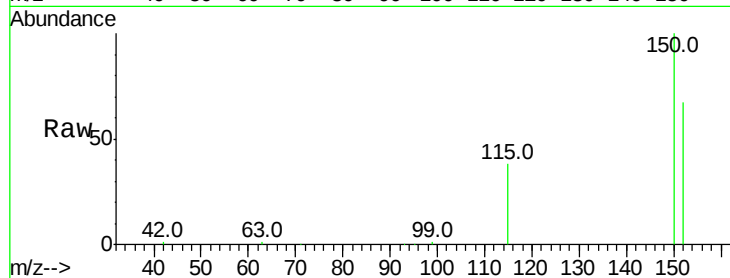
Tot Ion:152 Resp: 33979

Ion Ratio Lower Upper

152 100

150 149.6 122.6 183.8

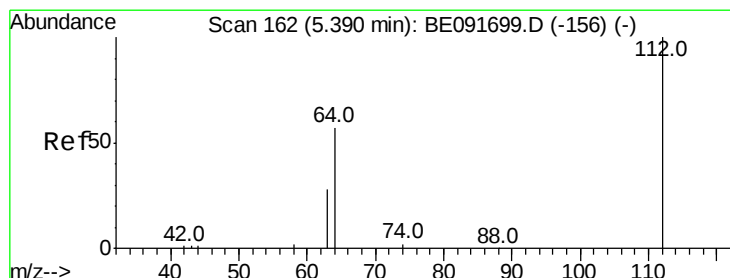
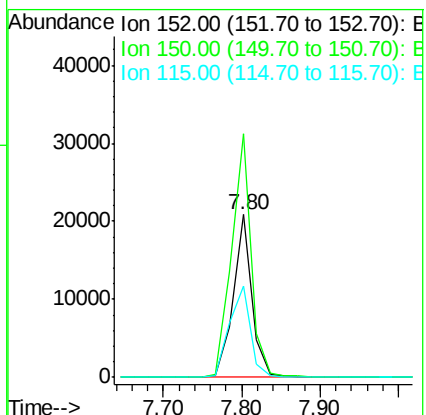
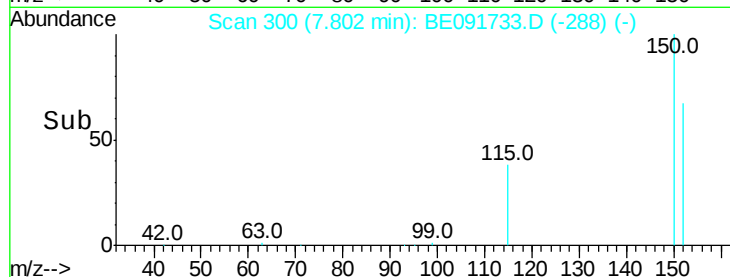
115 56.4 52.8 79.2



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: 6.75 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

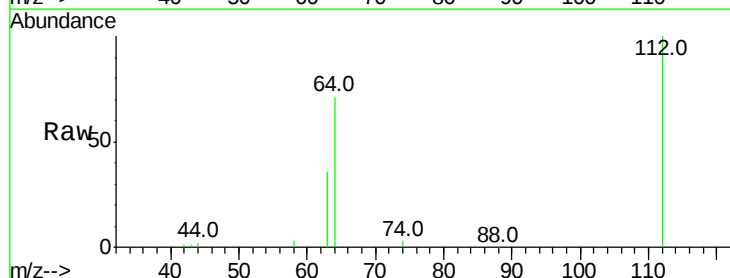
Tgt Ion:112 Resp: 56325

Ion Ratio Lower Upper

112 100

64 67.7 30.9 46.3#

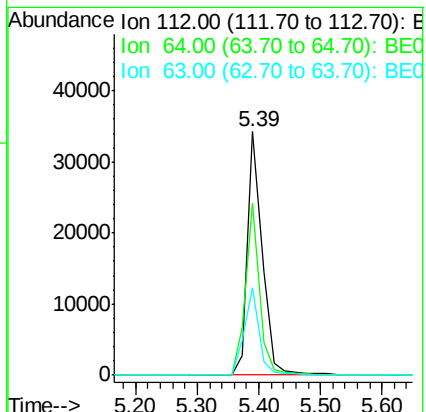
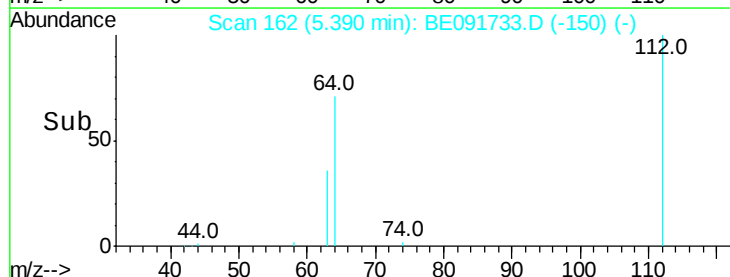
63 36.5 16.7 25.1#

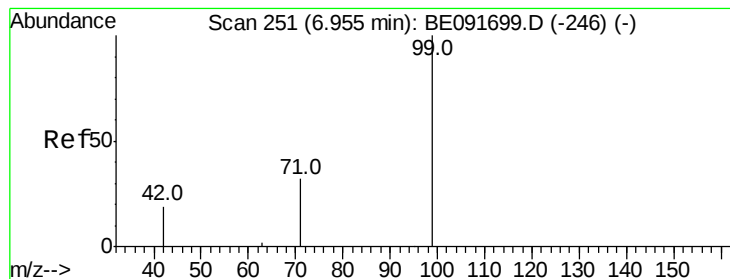


Abundance Ion 112.00 (111.70 to 112.70): E

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: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

Instrument :

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ClientSampleId :

PB90187BL

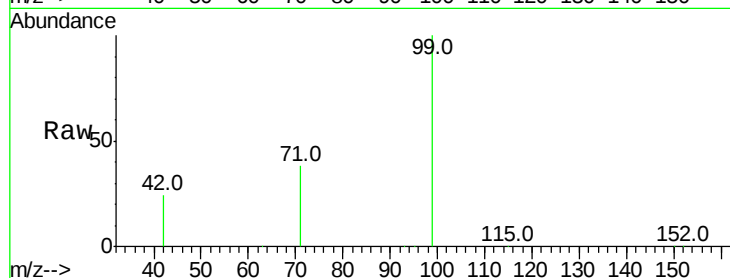
Tot Ion: 99 Resp: 74017

Ion Ratio Lower Upper

99 100

42 25.2 16.2 24.2#

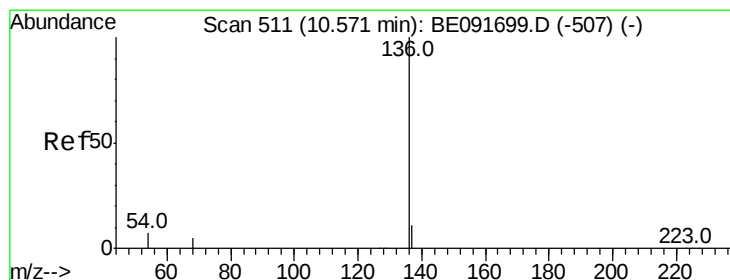
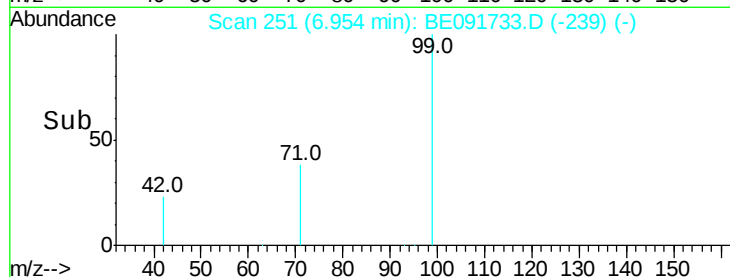
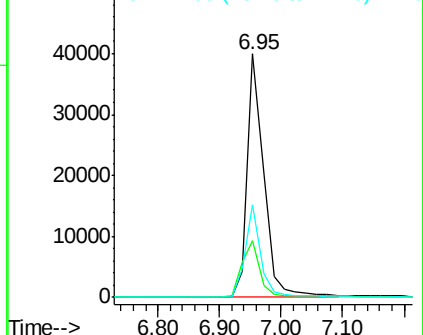
71 35.8 29.0 43.4



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: BE091733.D

Acq: 29 Apr 2016 14:48

Tgt Ion: 136 Resp: 147764

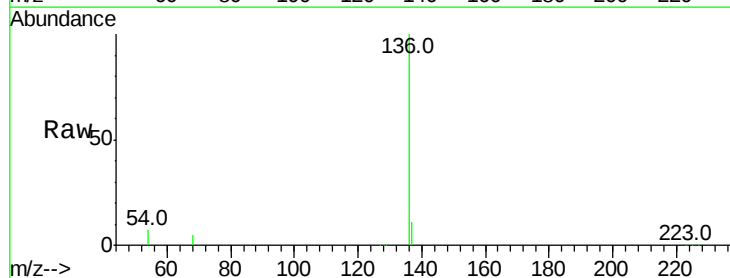
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 8.2 12.4#

68 5.3 6.2 9.4#

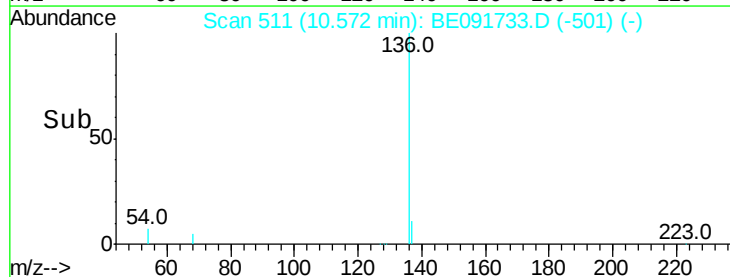
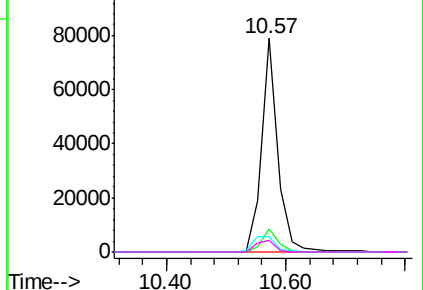


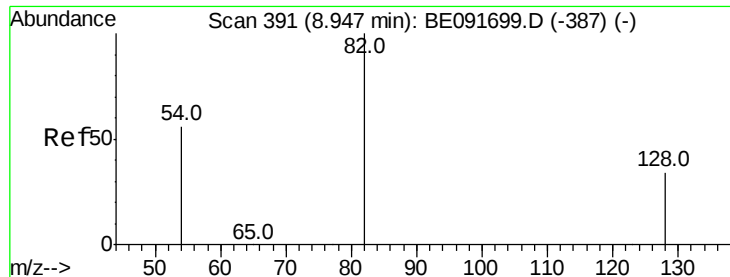
Abundance Ion 136.00 (135.70 to 136.70): E

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

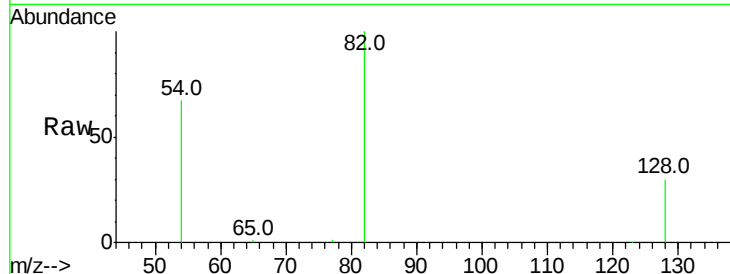




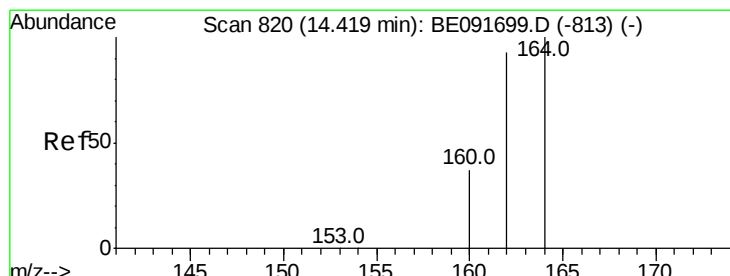
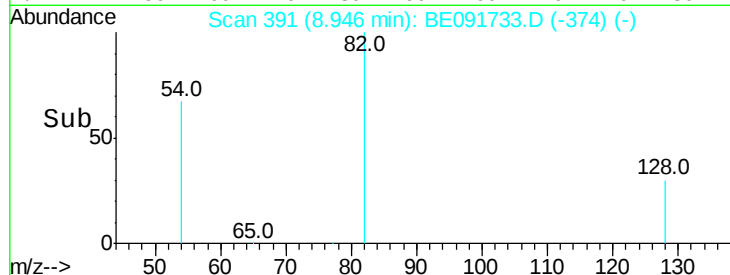
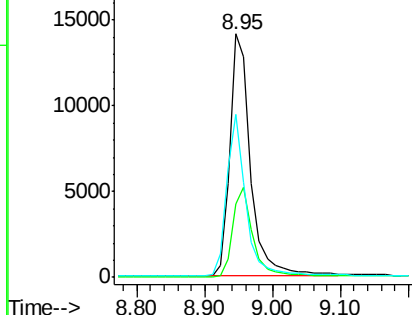
#8
 Nitrobenzene-d5
 Concen: 3.21 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091733.D
 Acq: 29 Apr 2016 14:48

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BL

Tot Ion: 82 Resp: 30644
 Ion Ratio Lower Upper
 82 100
 128 29.9 25.4 38.0
 54 66.8 48.4 72.6

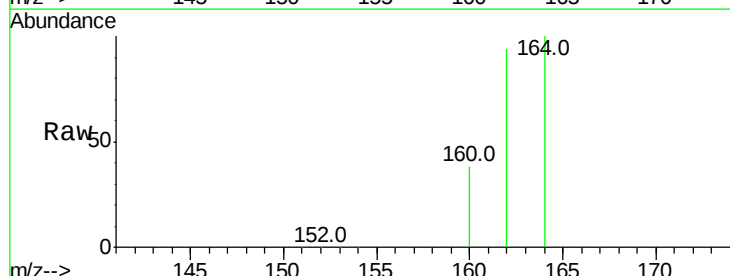


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

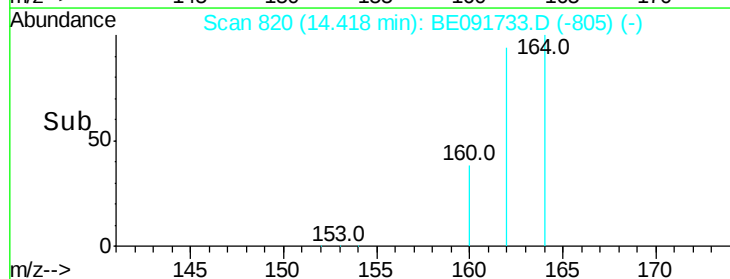
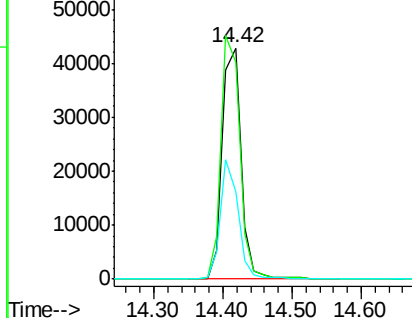


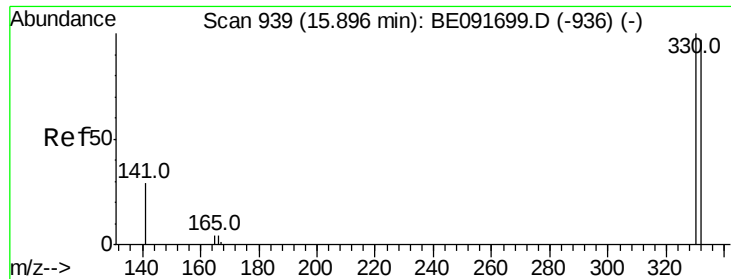
#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091733.D
 Acq: 29 Apr 2016 14:48

Tgt Ion:164 Resp: 80579
 Ion Ratio Lower Upper
 164 100
 162 93.6 85.3 127.9
 160 37.8 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

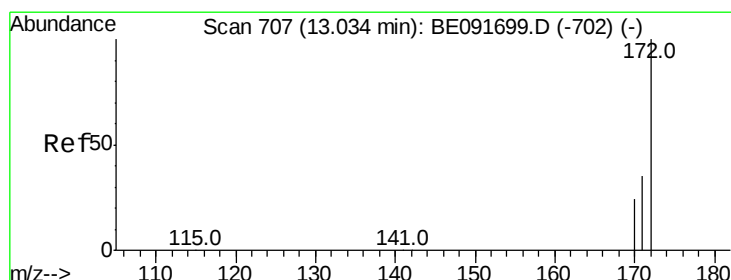
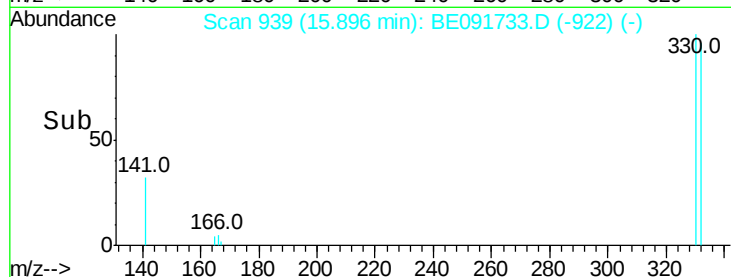
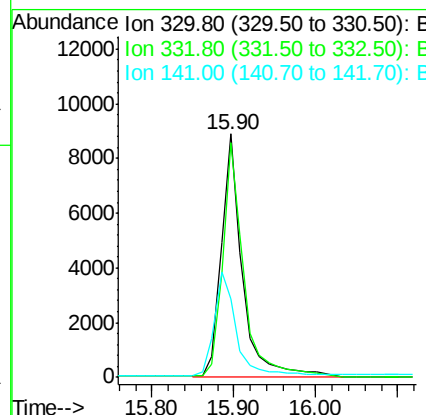
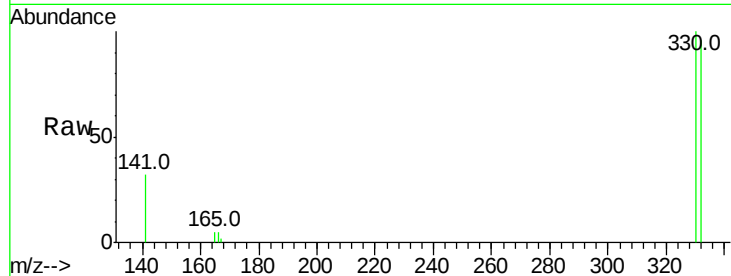




#14
 2,4,6-Tribromophenol
 Concen: 6.08 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091733.D
 Acq: 29 Apr 2016 14:48

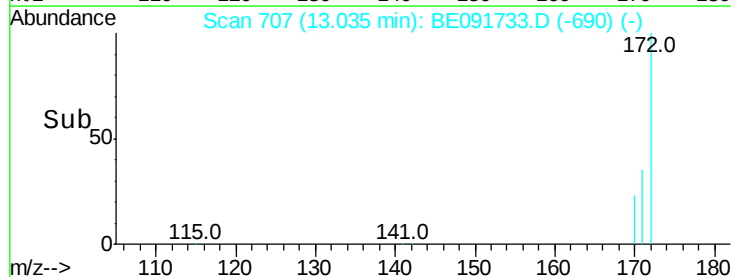
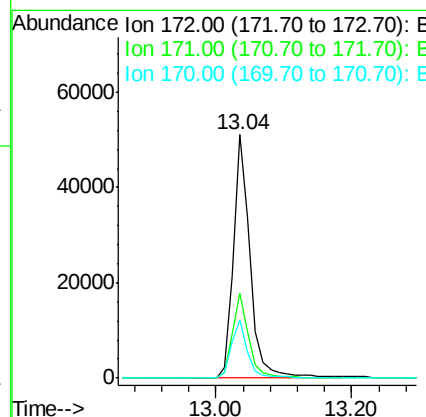
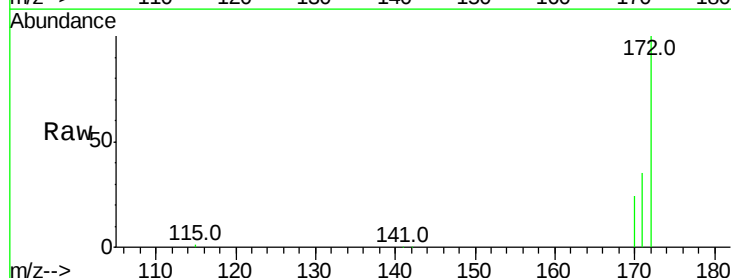
Instrument :
 BNA_E
 ClientSampleId :
 PB90187BL

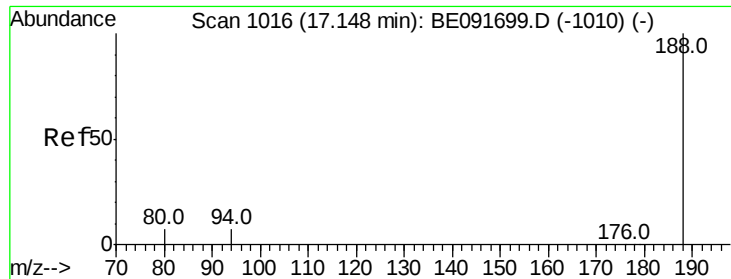
Tot Ion:330 Resp: 18109
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.1 118.7
 141 43.7 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.89 ng
 RT: 13.04 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091733.D
 Acq: 29 Apr 2016 14:48

Tgt Ion:172 Resp: 88615
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.8 43.2
 170 23.6 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

Instrument :

BNA_E

ClientSampleId :

PB90187BL

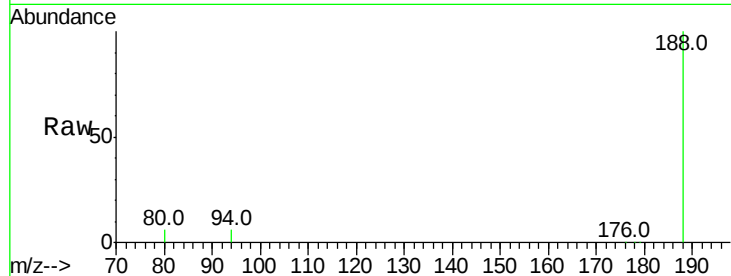
Tot Ion:188 Resp: 227689

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

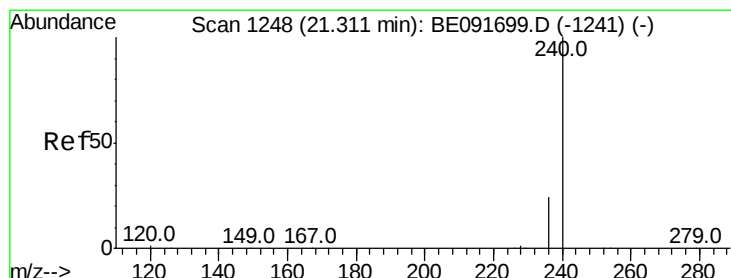
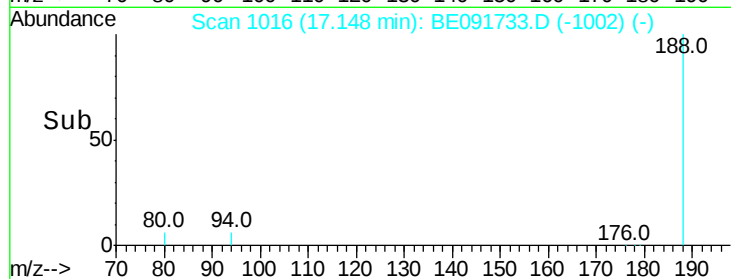
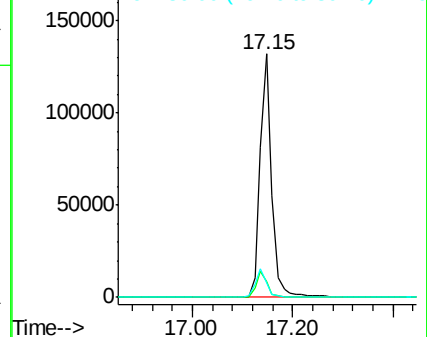
80 5.9 9.4 14.0#



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# 1248

Delta R.T. 0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

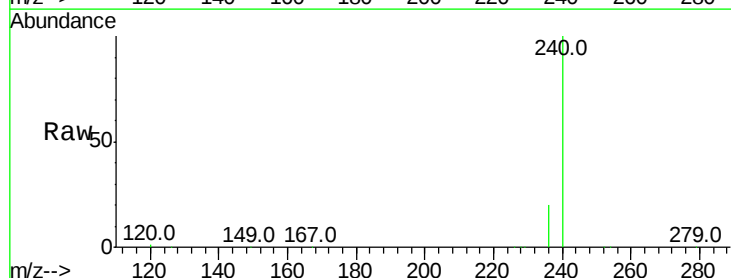
Tgt Ion:240 Resp: 221758

Ion Ratio Lower Upper

240 100

120 1.2 11.0 16.4#

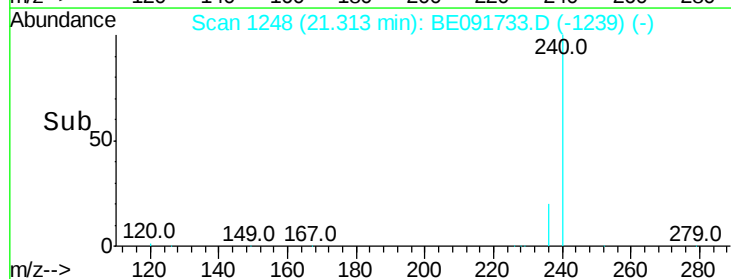
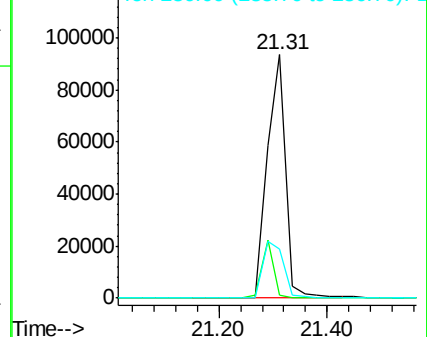
236 20.3 21.7 32.5#

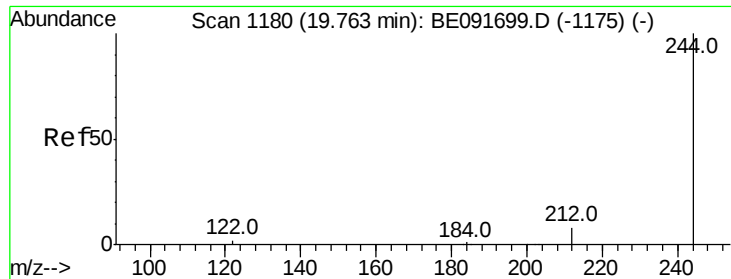


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.38 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

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PB90187BL

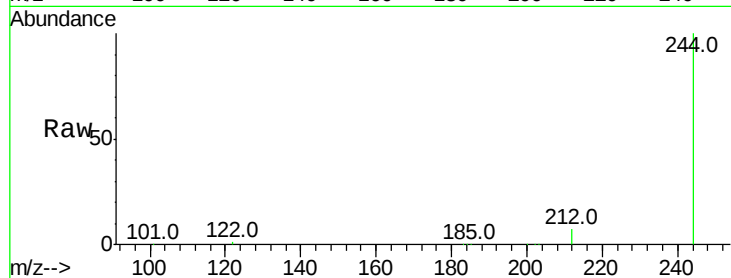
Tot Ion:244 Resp: 151449

Ion Ratio Lower Upper

244 100

212 7.4 6.9 10.3

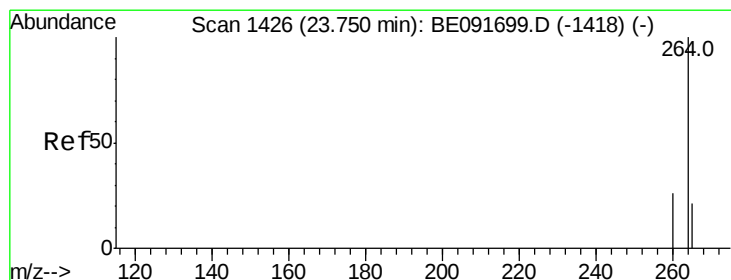
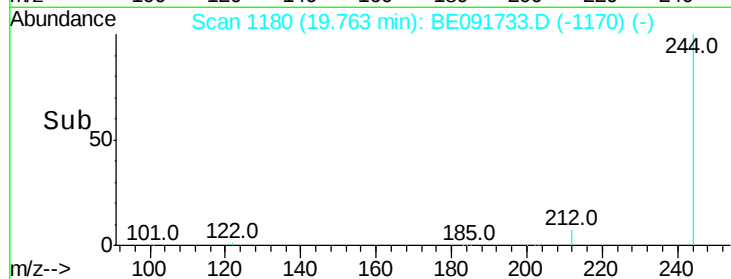
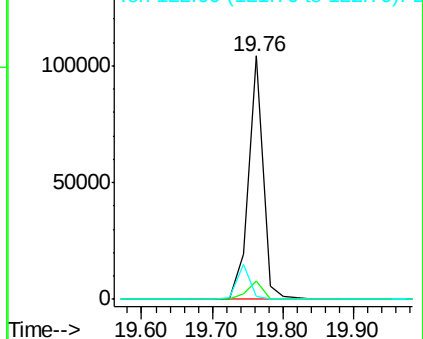
122 1.4 11.0 16.4#



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: 23.75 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE091733.D

Acq: 29 Apr 2016 14:48

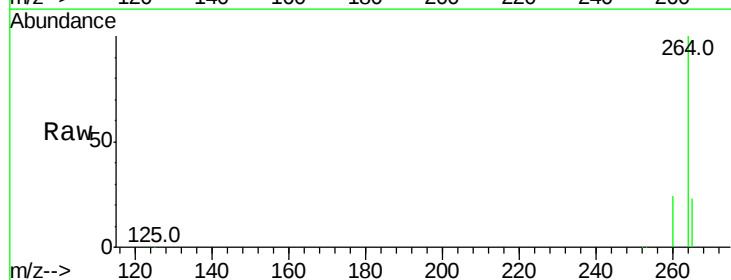
Tgt Ion:264 Resp: 233860

Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

265 22.7 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

