

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041216\
 Data File : BE091646.D
 Acq On : 12 Apr 2016 11:14
 Operator : UM/SJ
 Sample : PB89639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89639BL

Quant Time: Apr 13 01:11:43 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	44785	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	215644	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	134167	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	342730	5.00	ng	0.00
26) Chrysene-d12	21.31	240	437882	5.00	ng	0.00
35) Perylene-d12	23.76	264	377689	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	73378	6.87	ng	-0.02
5) Phenol-d6	6.95	99	106231	7.46	ng	-0.02
8) Nitrobenzene-d5	8.96	82	43149	3.44	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	31439	6.45	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	135343	3.63	ng	0.00
29) Terphenyl-d14	19.76	244	213744	3.91	ng	0.00

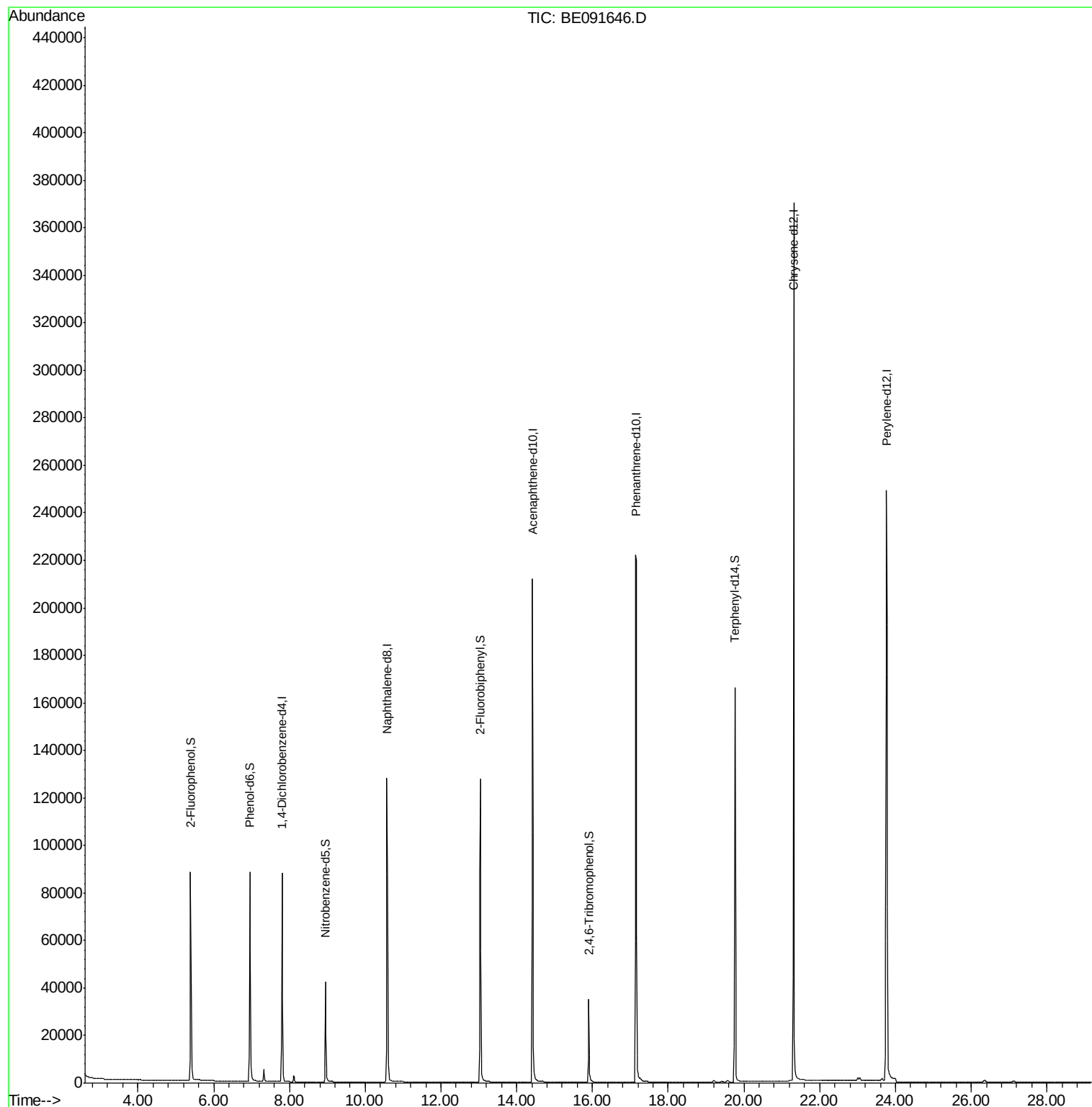
Target Compounds Qvalue

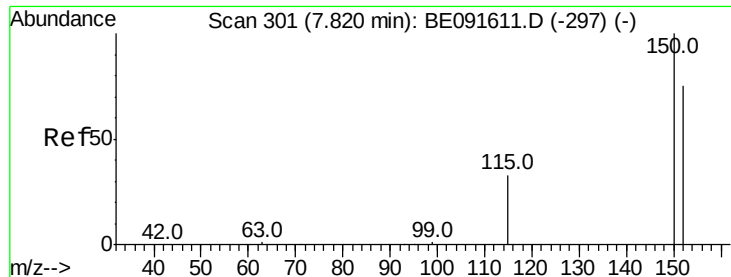
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

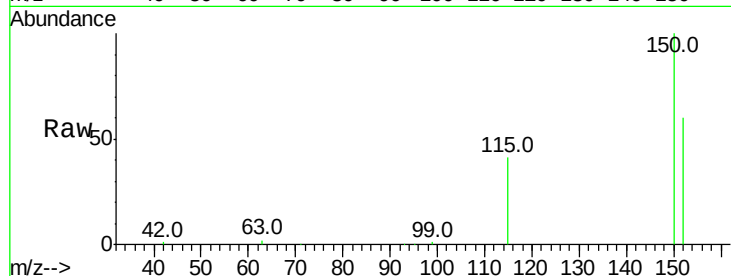
Tot Ion:152 Resp: 44785

Ion Ratio Lower Upper

152 100

150 165.6 122.6 183.8

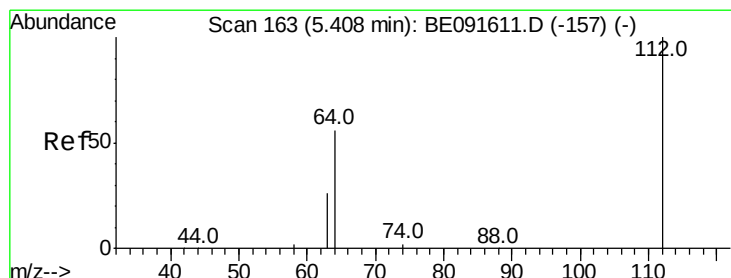
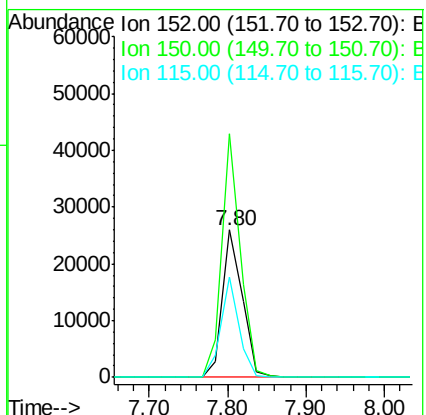
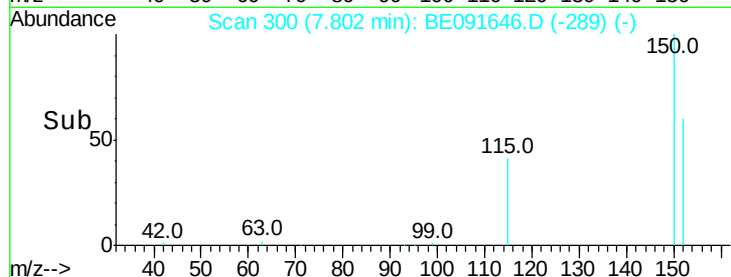
115 68.2 52.8 79.2



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: 6.87 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

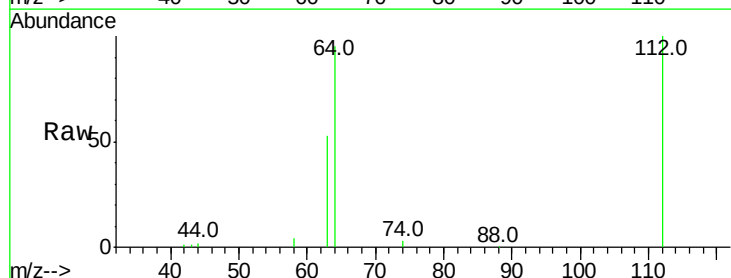
Tgt Ion:112 Resp: 73378

Ion Ratio Lower Upper

112 100

64 69.1 30.9 46.3#

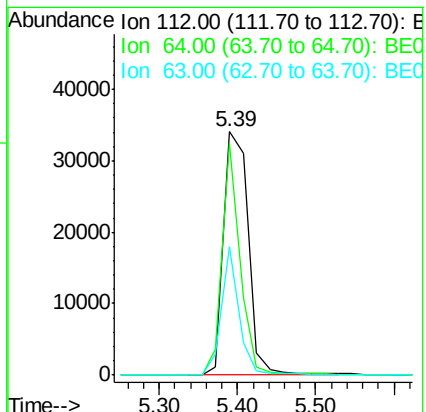
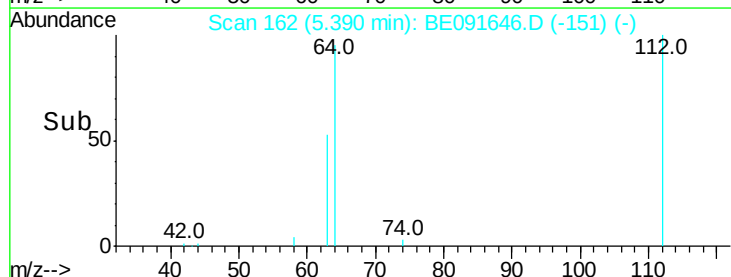
63 37.2 16.7 25.1#

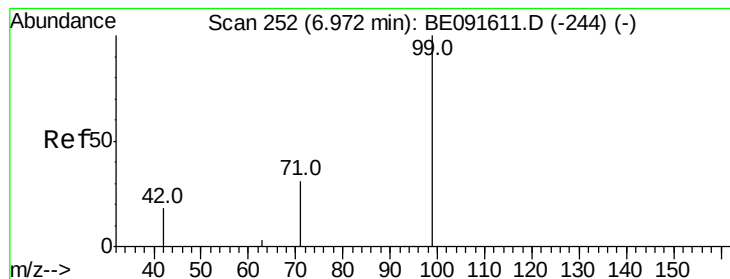


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.46 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampled :

PB89639BL

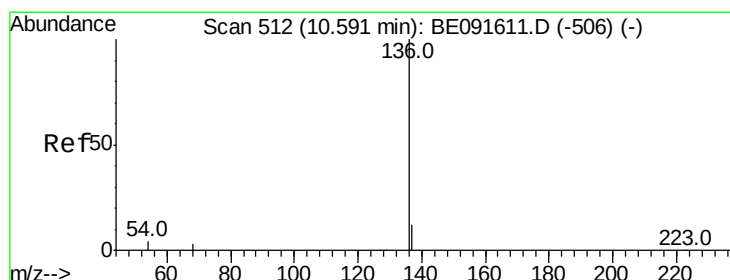
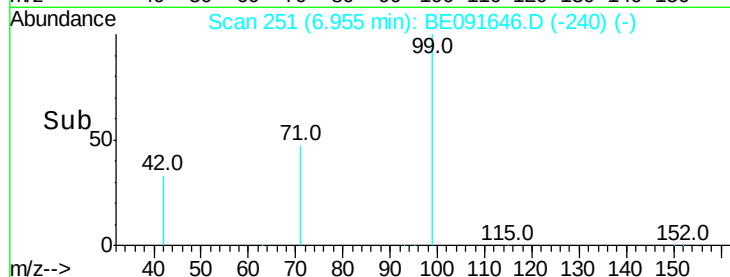
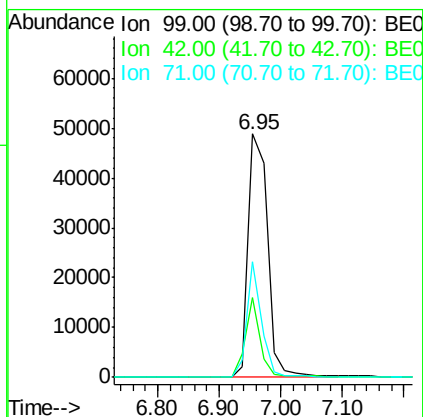
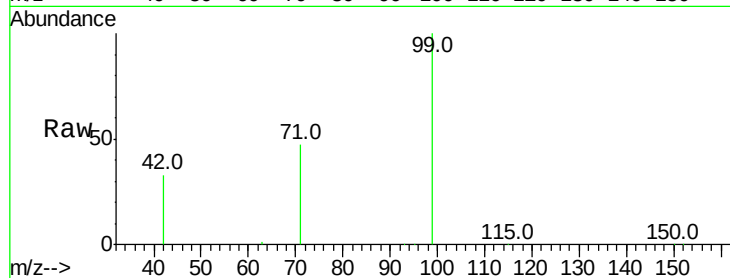
Tot Ion: 99 Resp: 106231

Ion Ratio Lower Upper

99 100

42 24.9 16.2 24.2#

71 36.0 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Tgt Ion: 136 Resp: 215644

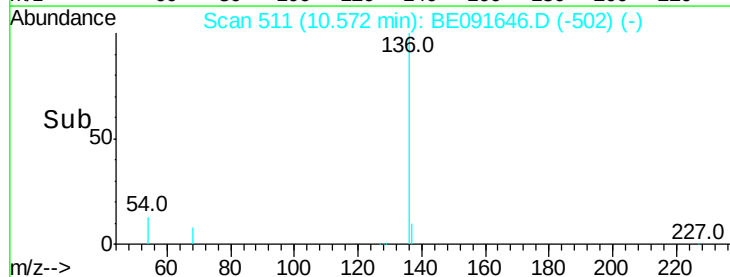
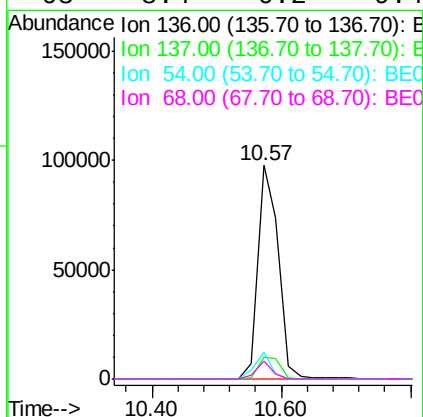
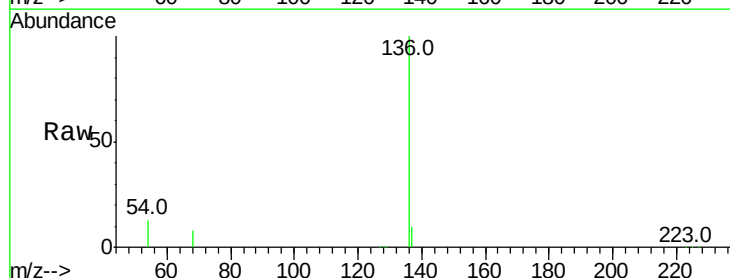
Ion Ratio Lower Upper

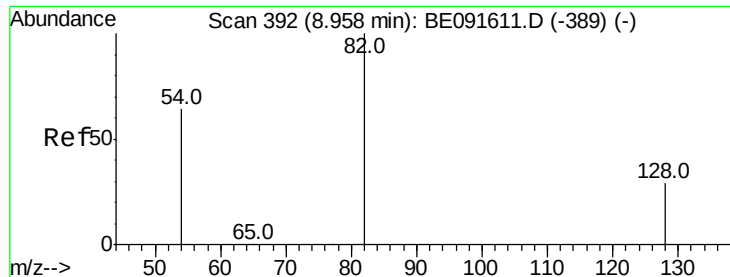
136 100

137 9.9 8.9 13.3

54 12.6 8.2 12.4#

68 8.4 6.2 9.4

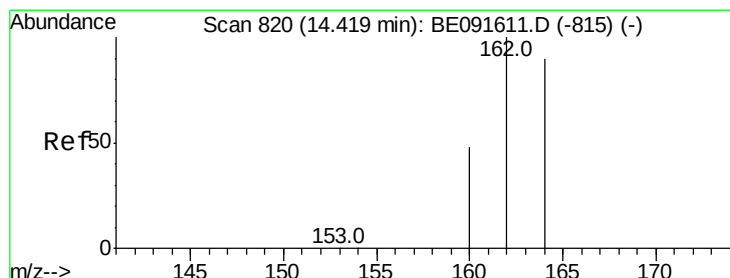
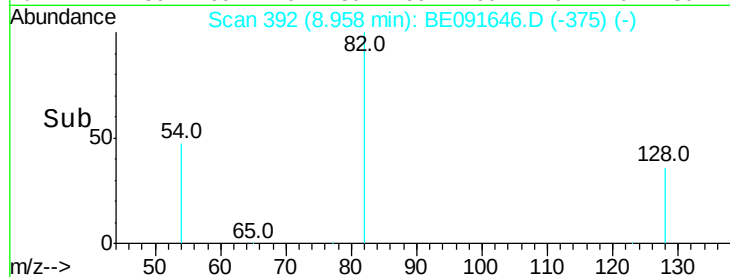
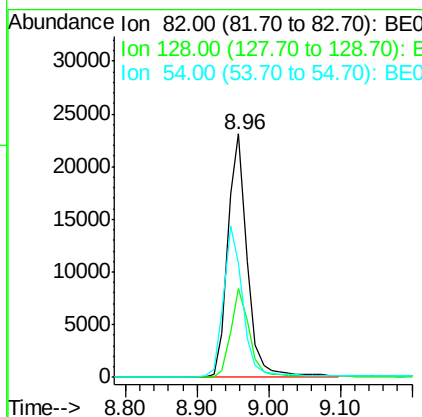
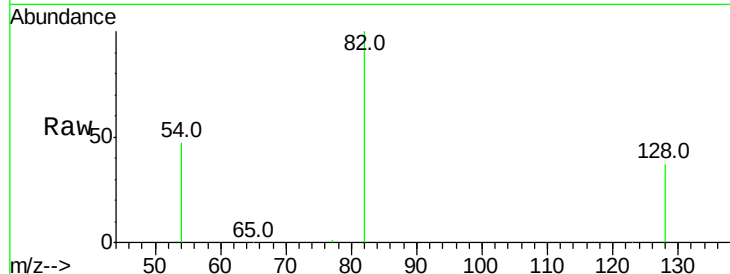




#8
 Nitrobenzene-d5
 Concen: 3.44 ng
 RT: 8.96 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

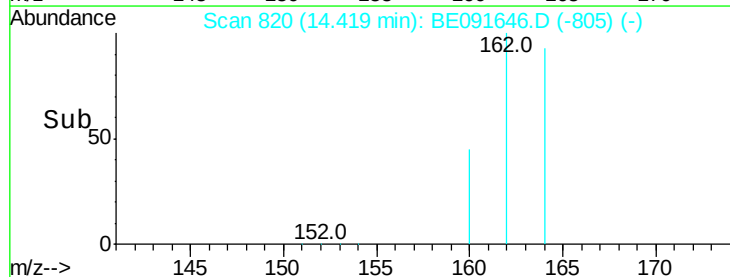
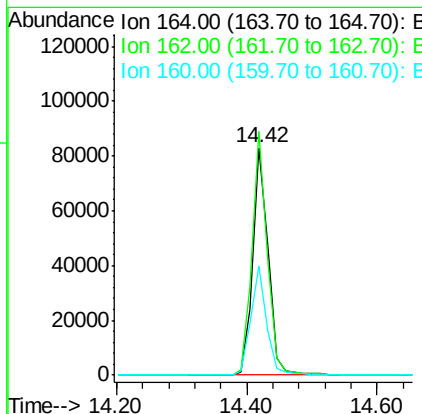
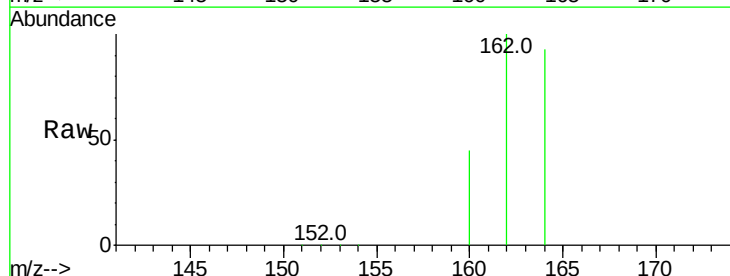
Instrument :
 BNA_E
 ClientSampleId :
 PB89639BL

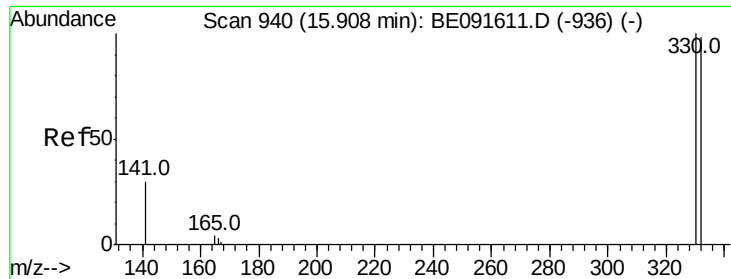
Tot Ion: 82 Resp: 43149
 Ion Ratio Lower Upper
 82 100
 128 36.5 25.4 38.0
 54 46.8 48.4 72.6#



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Tgt Ion: 164 Resp: 134167
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.3 127.9
 160 48.0 46.2 69.2

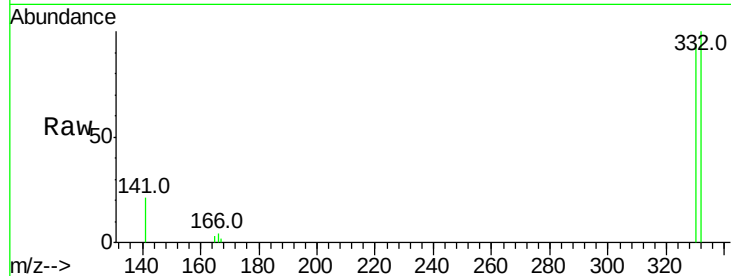




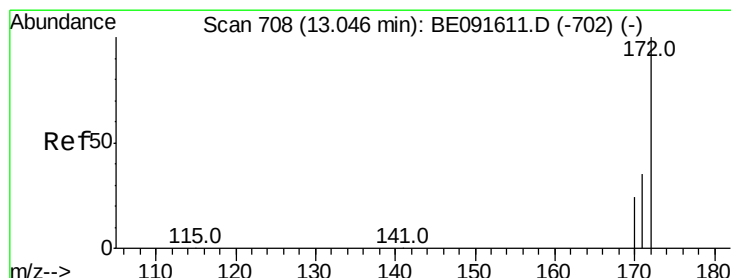
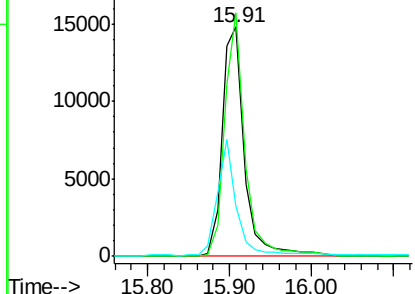
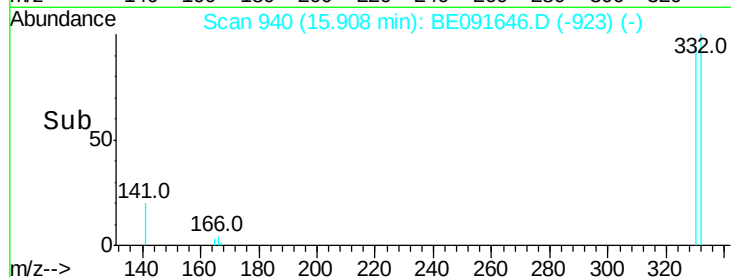
#14
 2,4,6-Tribromophenol
 Concen: 6.45 ng
 RT: 15.91 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Instrument :
 BNA_E
 ClientSampleId :
 PB89639BL

Tot Ion:330 Resp: 31439
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.1 118.7
 141 43.2 125.4 188.0#

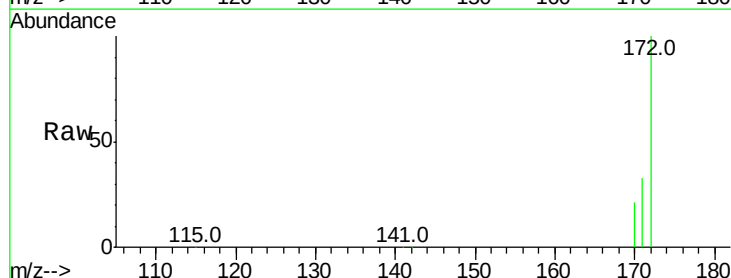


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

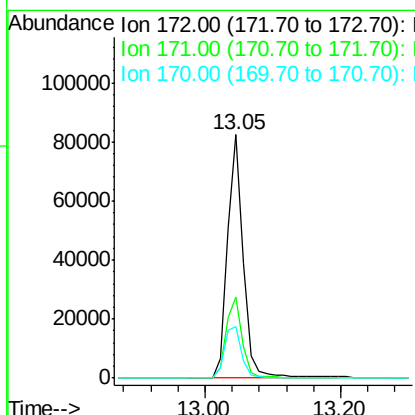
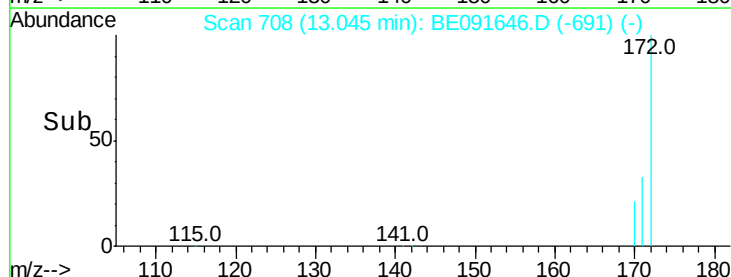


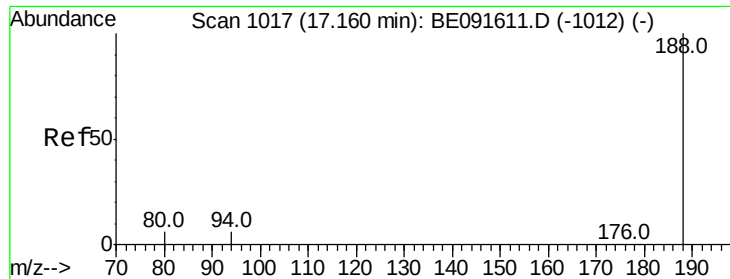
#15
 2-Fluorobiphenyl
 Concen: 3.63 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091646.D
 Acq: 12 Apr 2016 11:14

Tgt Ion:172 Resp: 135343
 Ion Ratio Lower Upper
 172 100
 171 33.1 28.8 43.2
 170 21.3 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: 17.16 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

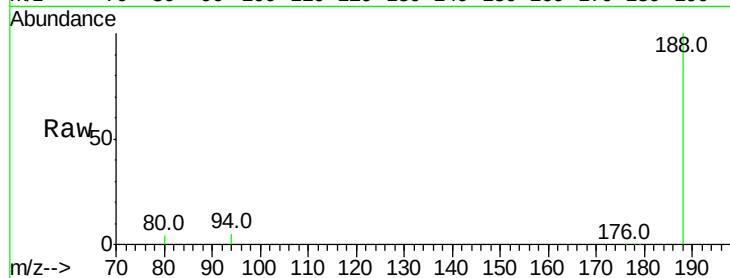
Tot Ion:188 Resp: 342730

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

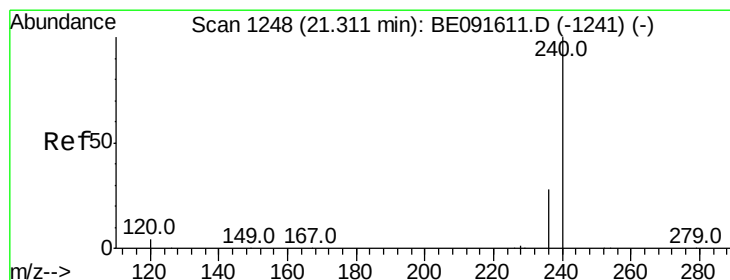
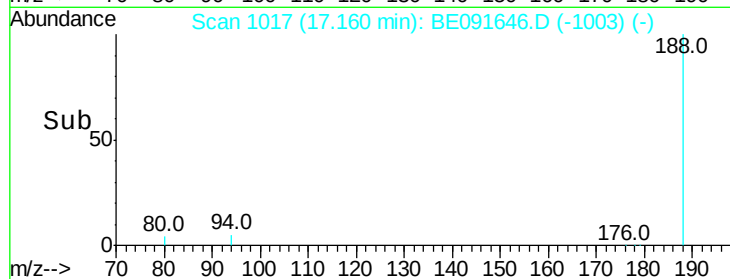
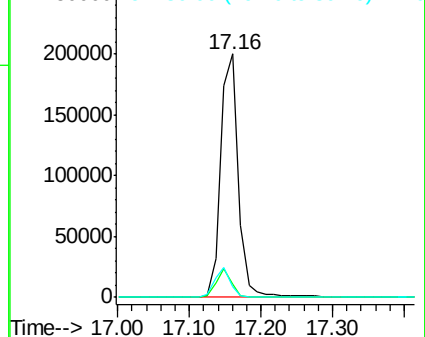
80 4.4 9.4 14.0#



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# 1248

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

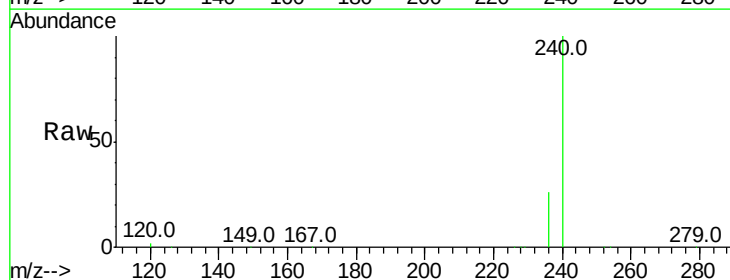
Tgt Ion:240 Resp: 437882

Ion Ratio Lower Upper

240 100

120 2.1 11.0 16.4#

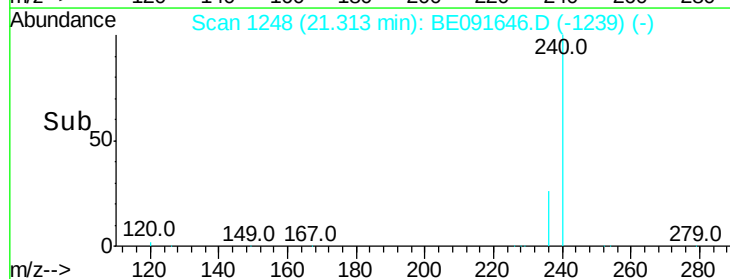
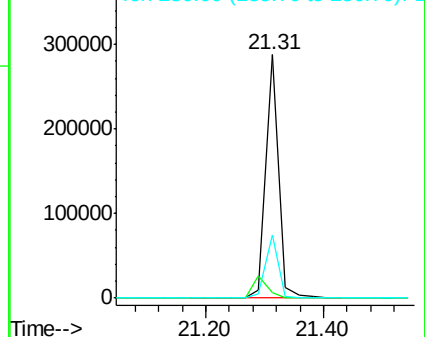
236 25.8 21.7 32.5

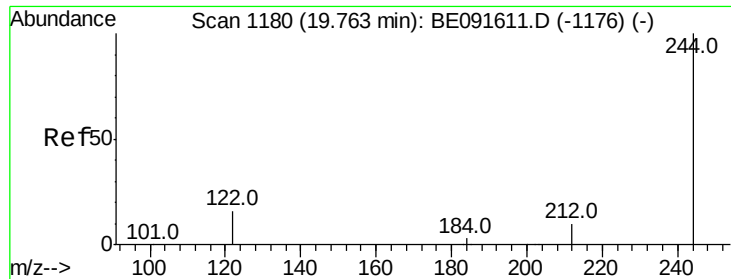


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 3.91 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

Instrument :

BNA_E

ClientSampleId :

PB89639BL

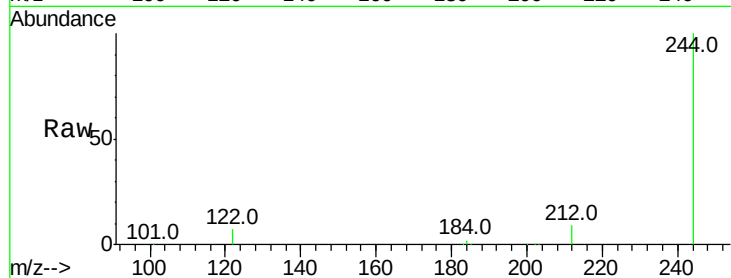
Tot Ion:244 Resp: 213744

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

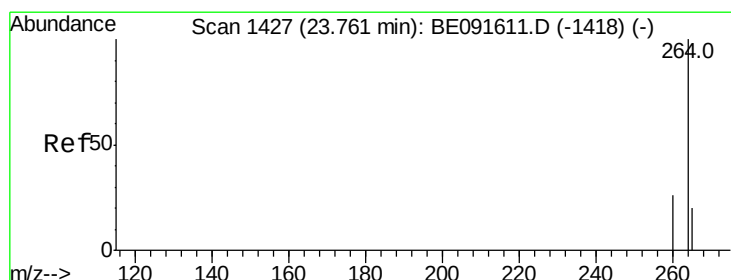
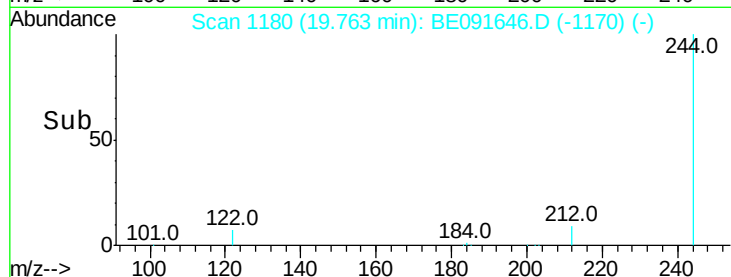
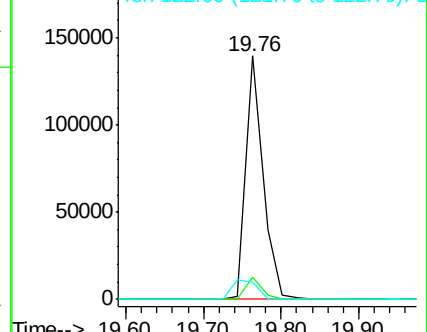
122 6.9 11.0 16.4#



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: 23.76 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE091646.D

Acq: 12 Apr 2016 11:14

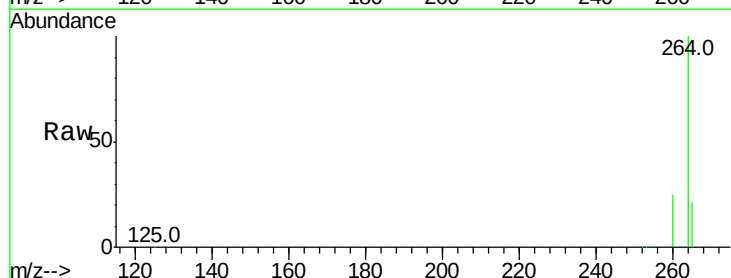
Tgt Ion:264 Resp: 377689

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 21.3 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

