

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE040116\
 Data File : BE091579.D
 Acq On : 31 Mar 2016 11:38
 Operator : UM/SJ
 Sample : PB89316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89316BL

Quant Time: Apr 01 00:51:32 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37369	5.00	ng	-0.02
6) Naphthalene-d8	10.59	136	168249	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	104347	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	274141	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	381775	5.00	ng	-0.02
28) Perylene-d12	23.76	264	317126	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	61850	6.32	ng	-0.03
5) Phenol-d6	6.97	99	86312	6.52	ng	-0.02
7) Nitrobenzene-d5	8.96	82	36835	3.26	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	26227	5.67	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	103540	3.49	ng	-0.02
24) Terphenyl-d14	19.76	244	167512	3.46	ng	-0.02

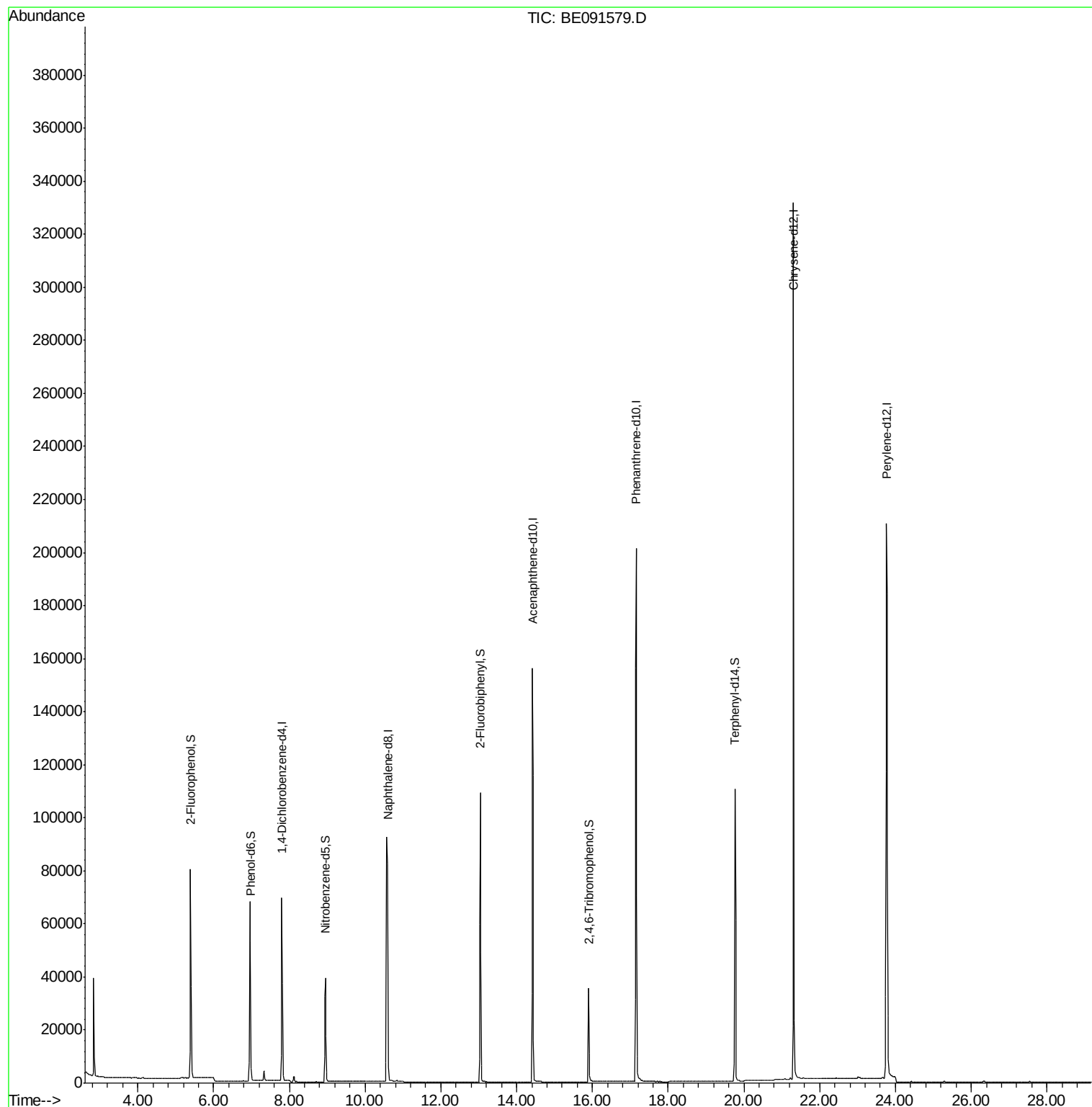
Target Compounds	Qvalue
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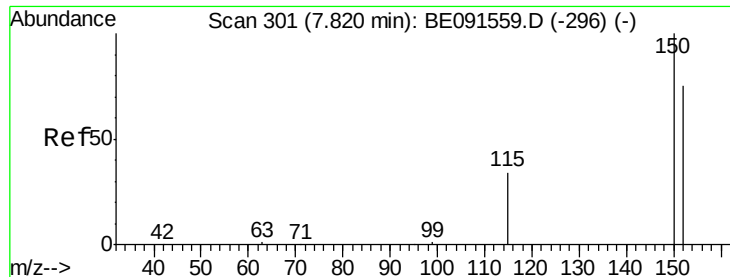
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091579.D

Acq: 31 Mar 2016 11:38

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ClientSampleId :

PB89316BL

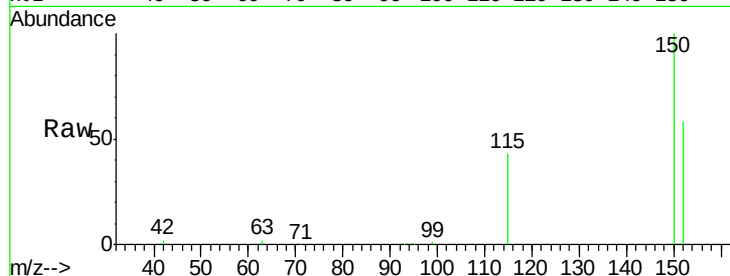
Tgt Ion:152 Resp: 37369

Ion Ratio Lower Upper

152 100

150 173.0 122.2 183.2

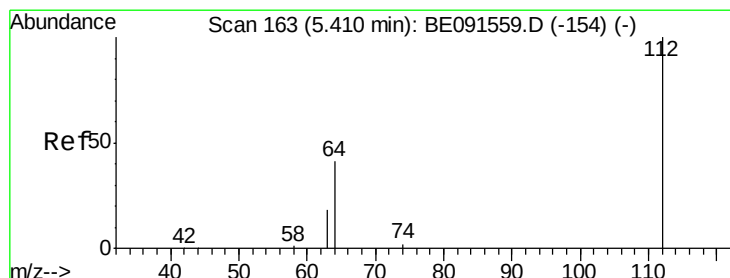
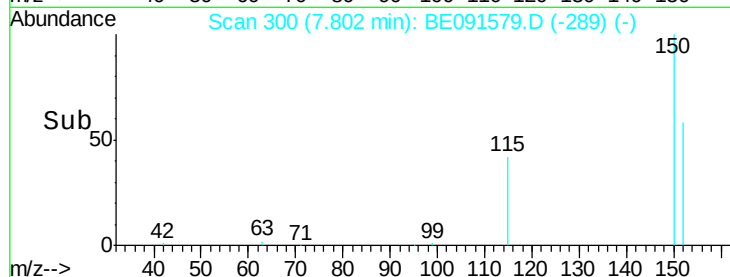
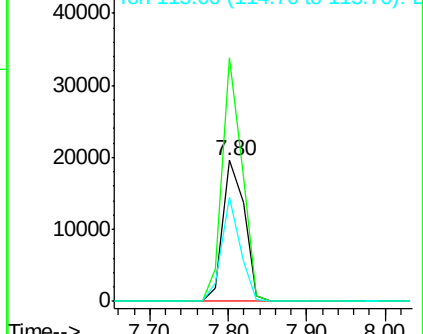
115 73.8 45.9 68.9#



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: 6.32 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.03 min

Lab File: BE091579.D

Acq: 31 Mar 2016 11:38

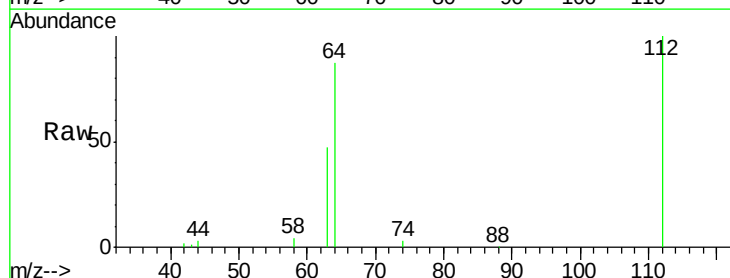
Tgt Ion:112 Resp: 61850

Ion Ratio Lower Upper

112 100

64 68.7 53.3 79.9

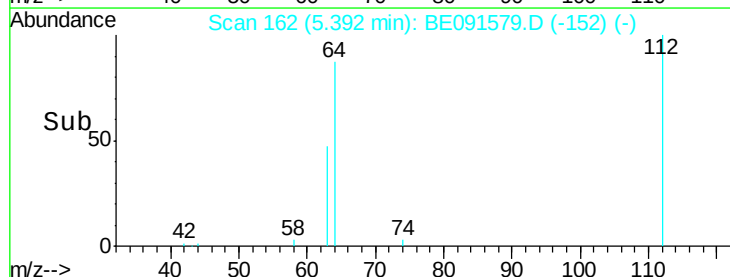
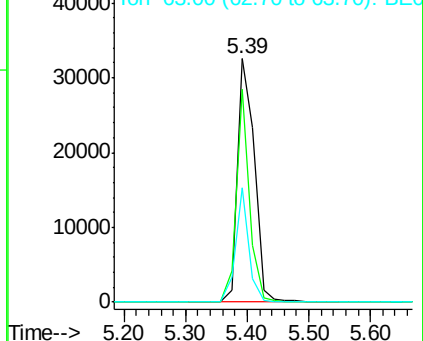
63 36.9 29.8 44.8

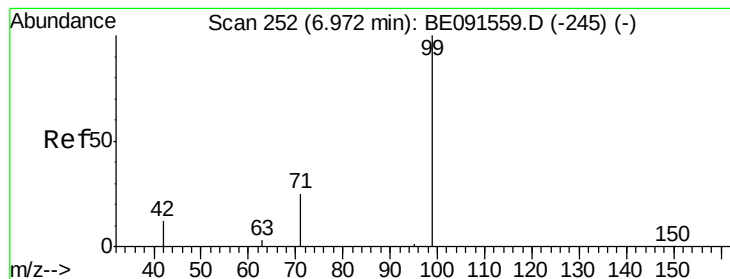


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.52 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091579.D

Acq: 31 Mar 2016 11:38

Instrument :

BNA_E

ClientSampleId :

PB89316BL

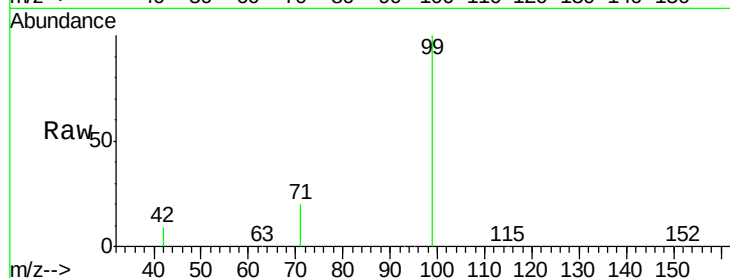
Tgt Ion: 99 Resp: 86312

Ion Ratio Lower Upper

99 100

42 24.8 20.6 30.8

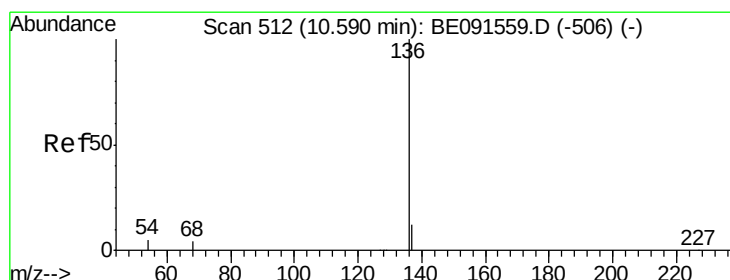
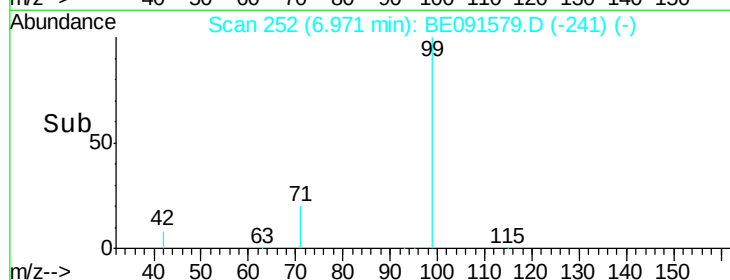
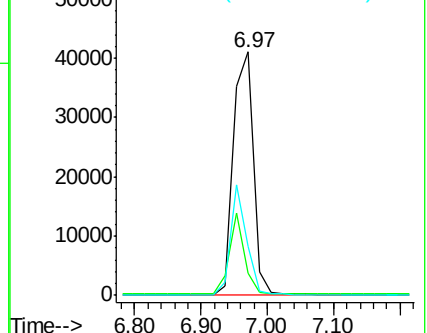
71 36.1 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091579.D

Acq: 31 Mar 2016 11:38

Tgt Ion: 136 Resp: 168249

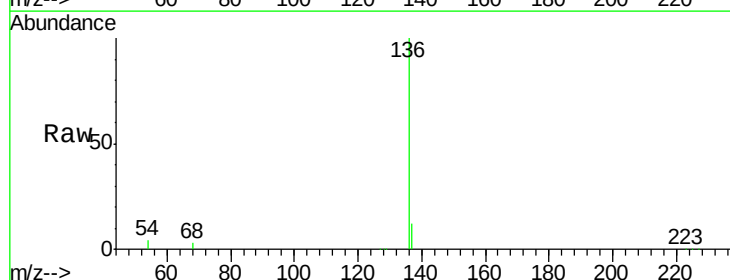
Ion Ratio Lower Upper

136 100

137 12.3 8.8 13.2

54 3.7 5.2 7.8#

68 3.3 4.1 6.1#

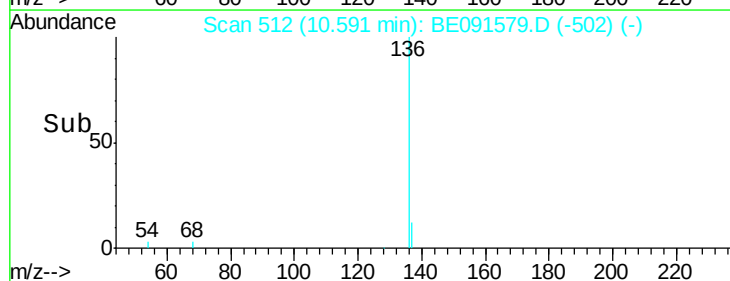
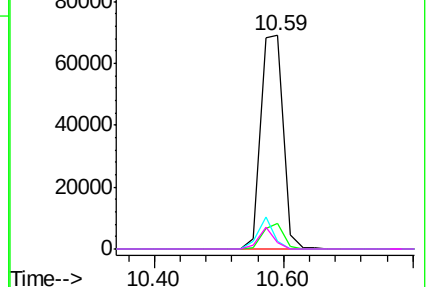


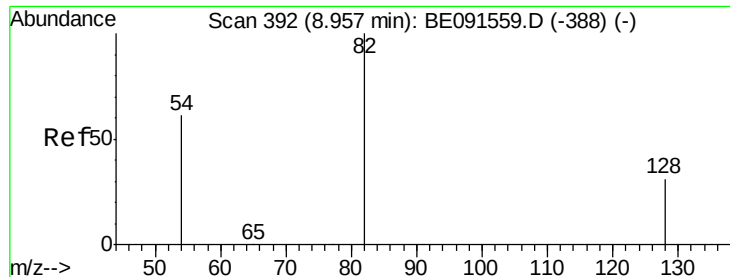
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 3.26 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091579.D

Acq: 31 Mar 2016 11:38

Instrument :

BNA_E

ClientSampleId :

PB89316BL

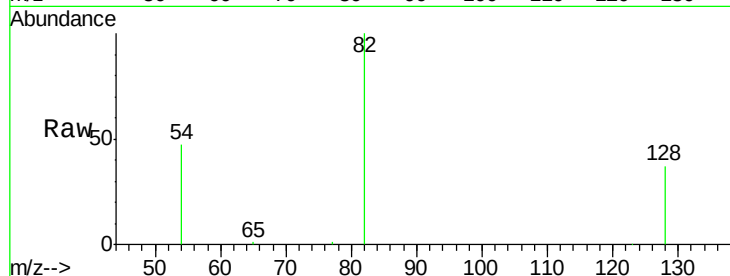
Tgt Ion: 82 Resp: 36835

Ion Ratio Lower Upper

82 100

128 36.7 23.5 35.3#

54 46.6 52.4 78.6#

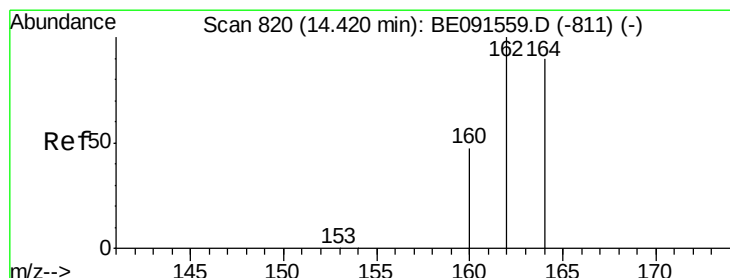
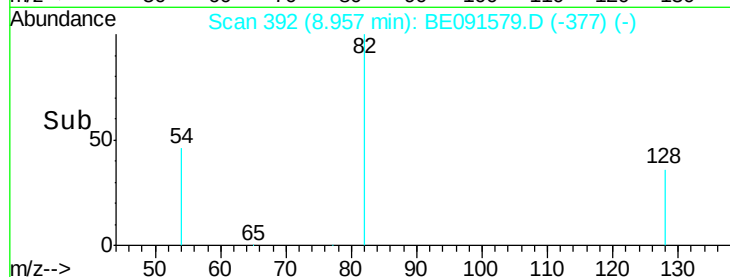


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091579.D

Acq: 31 Mar 2016 11:38

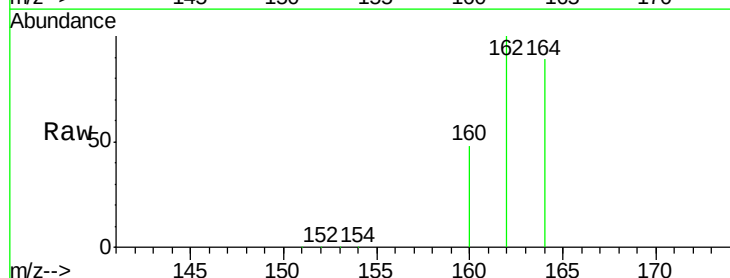
Tgt Ion: 164 Resp: 104347

Ion Ratio Lower Upper

164 100

162 112.8 84.4 126.6

160 54.1 37.7 56.5

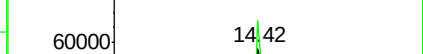
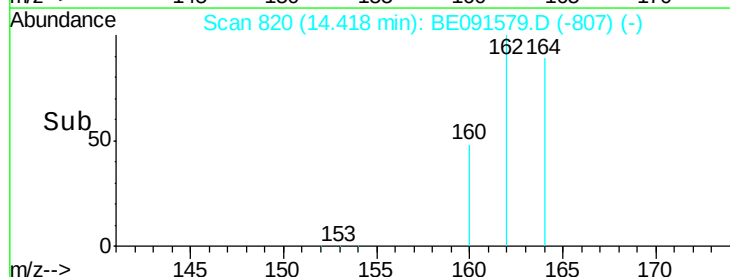


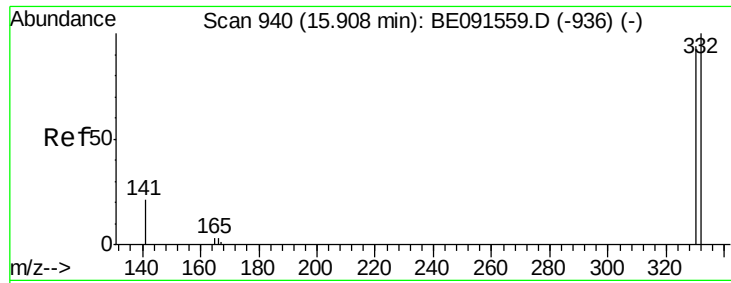
Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BE091559.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BE091559.D (-811) (-)

Time-->

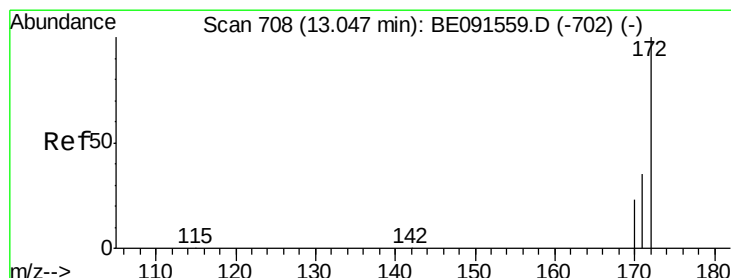
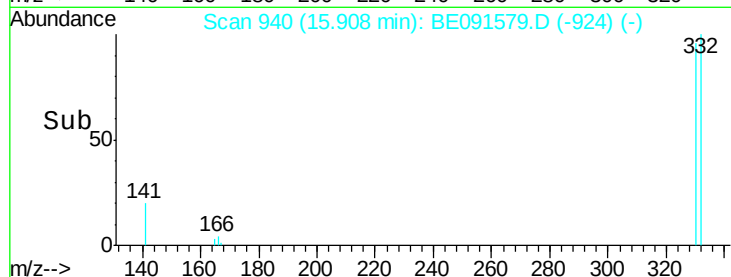
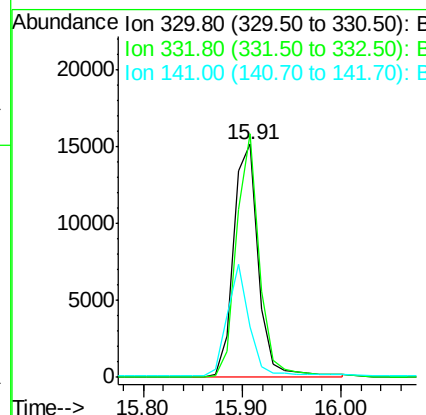
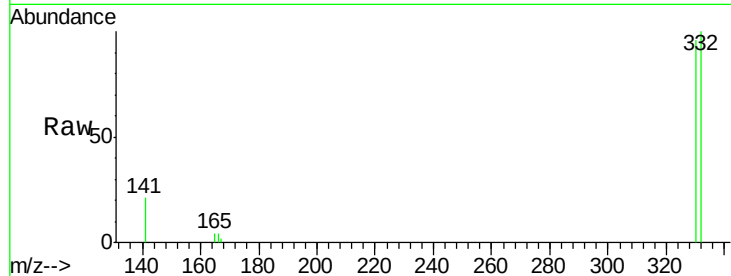




#11
 2,4,6-Tribromophenol
 Concen: 5.67 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091579.D
 Acq: 31 Mar 2016 11:38

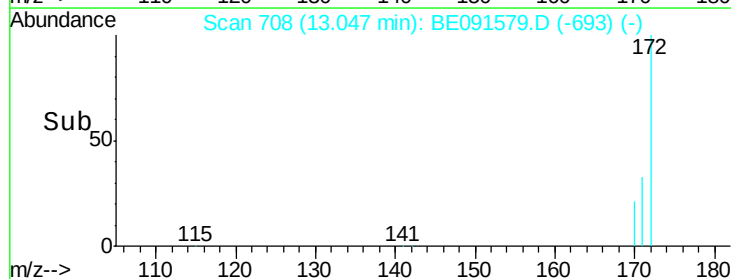
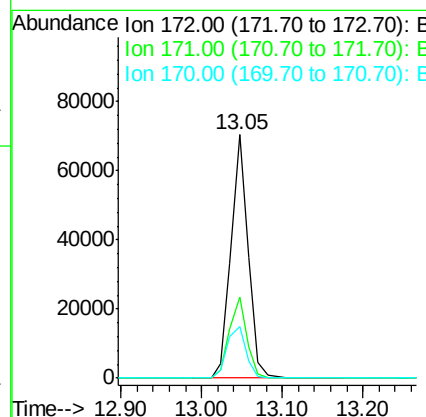
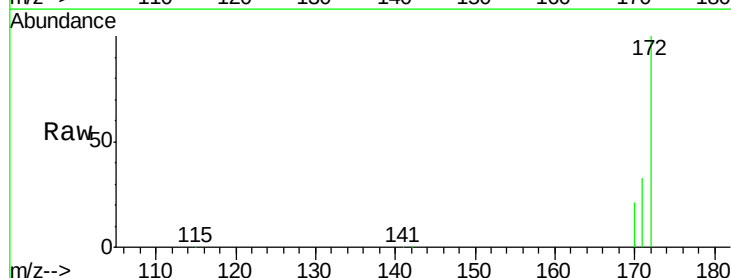
Instrument :
 BNA_E
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 PB89316BL

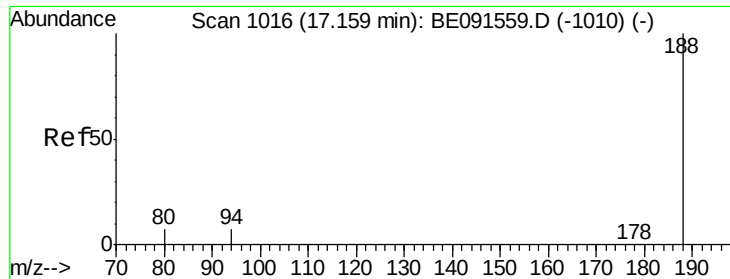
Tgt Ion:330 Resp: 26227
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.2 118.8
 141 43.0 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.49 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091579.D
 Acq: 31 Mar 2016 11:38

Tgt Ion:172 Resp: 103540
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.8 44.8
 170 21.4 21.4 32.2#

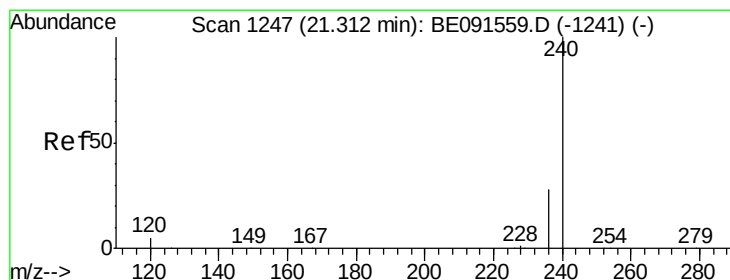
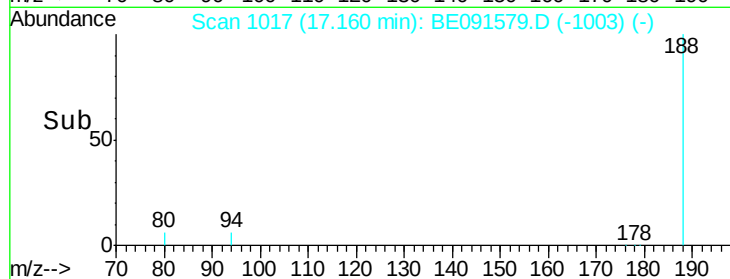
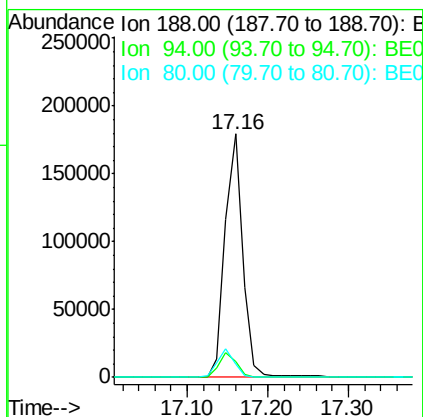
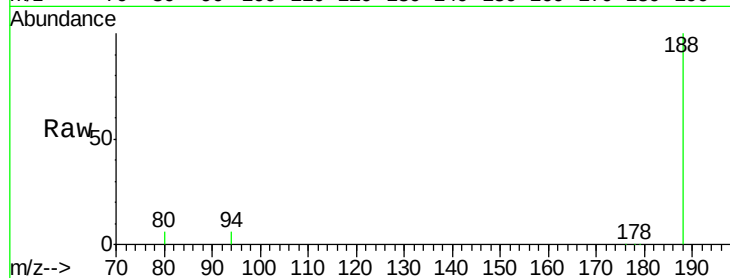




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091579.D
Acq: 31 Mar 2016 11:38

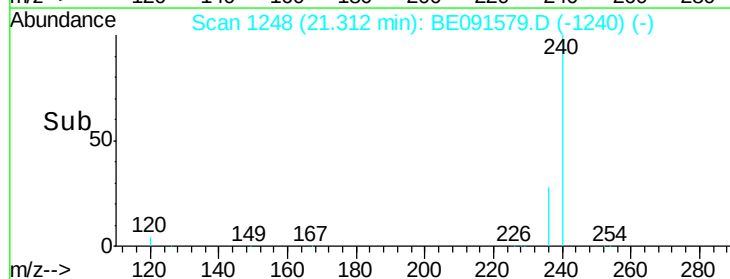
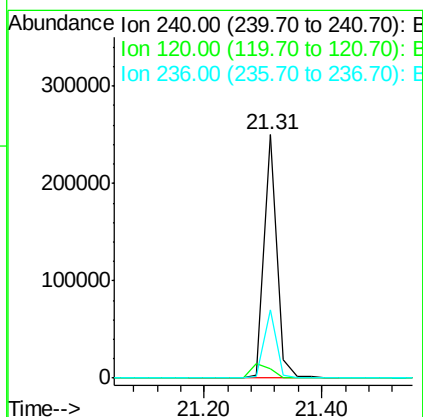
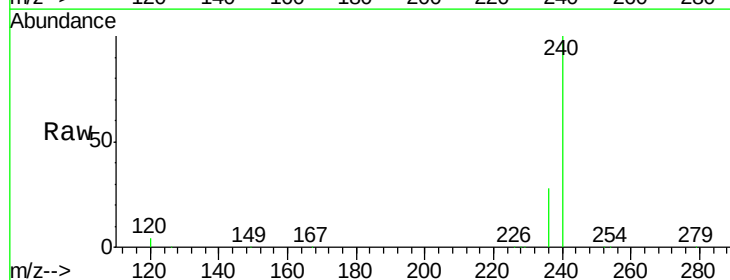
Instrument :
BNA_E
ClientSampleId :
PB89316BL

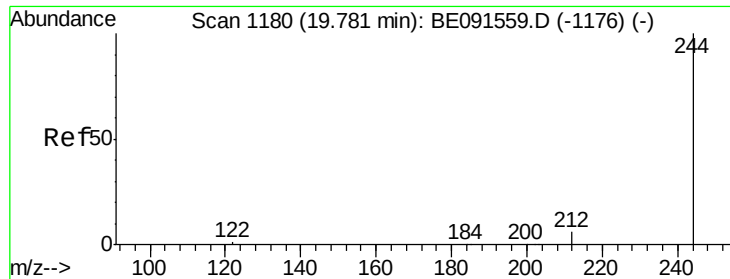
Tgt Ion:188 Resp: 274141
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.2
80 5.6 5.0 7.4



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091579.D
Acq: 31 Mar 2016 11:38

Tgt Ion:240 Resp: 381775
Ion Ratio Lower Upper
240 100
120 3.8 4.0 6.0#
236 27.8 23.0 34.4

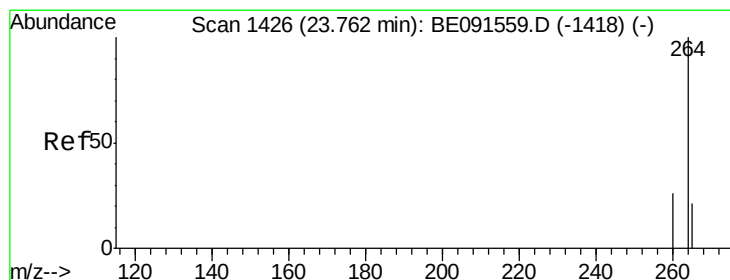
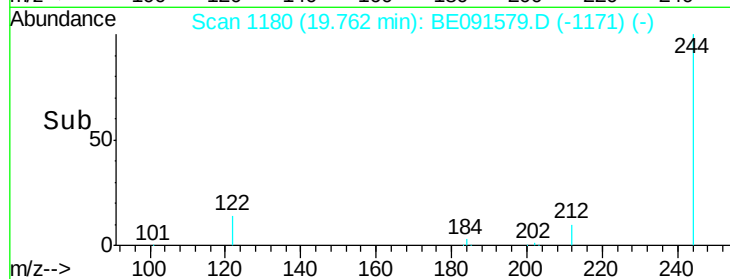
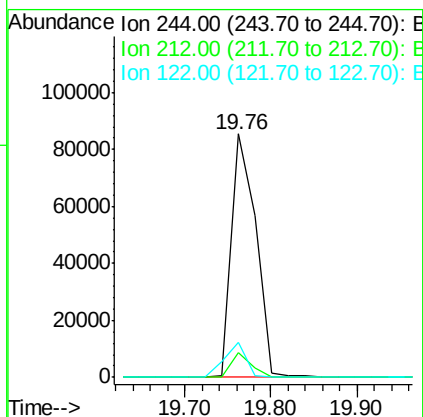
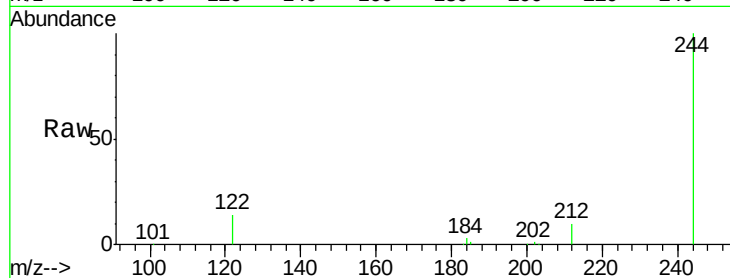




#24
 Terphenyl-d14
 Concen: 3.46 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BE091579.D
 Acq: 31 Mar 2016 11:38

Instrument :
 BNA_E
 ClientSampled :
 PB89316BL

Tgt Ion: 244 Resp: 167512
 Ion Ratio Lower Upper
 244 100
 212 10.2 5.8 8.8#
 122 14.5 1.8 2.8#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE091579.D
 Acq: 31 Mar 2016 11:38

Tgt Ion: 264 Resp: 317126
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 21.2 18.3 27.5

