

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091593.D
 Acq On : 1 Apr 2016 16:50
 Operator : UM/SJ
 Sample : PB89409BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89409BL

Quant Time: Apr 04 12:31:13 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	41229	5.00	ng	-0.02
6) Naphthalene-d8	10.59	136	192805	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	123012	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	312679	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	386682	5.00	ng	-0.02
28) Perylene-d12	23.77	264	372606	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	66678	6.18	ng	-0.02
5) Phenol-d6	6.97	99	95275	6.53	ng	-0.02
7) Nitrobenzene-d5	8.96	82	40219	3.11	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	27167	4.98	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	117364	3.36	ng	-0.02
24) Terphenyl-d14	19.76	244	185166	3.77	ng	-0.02

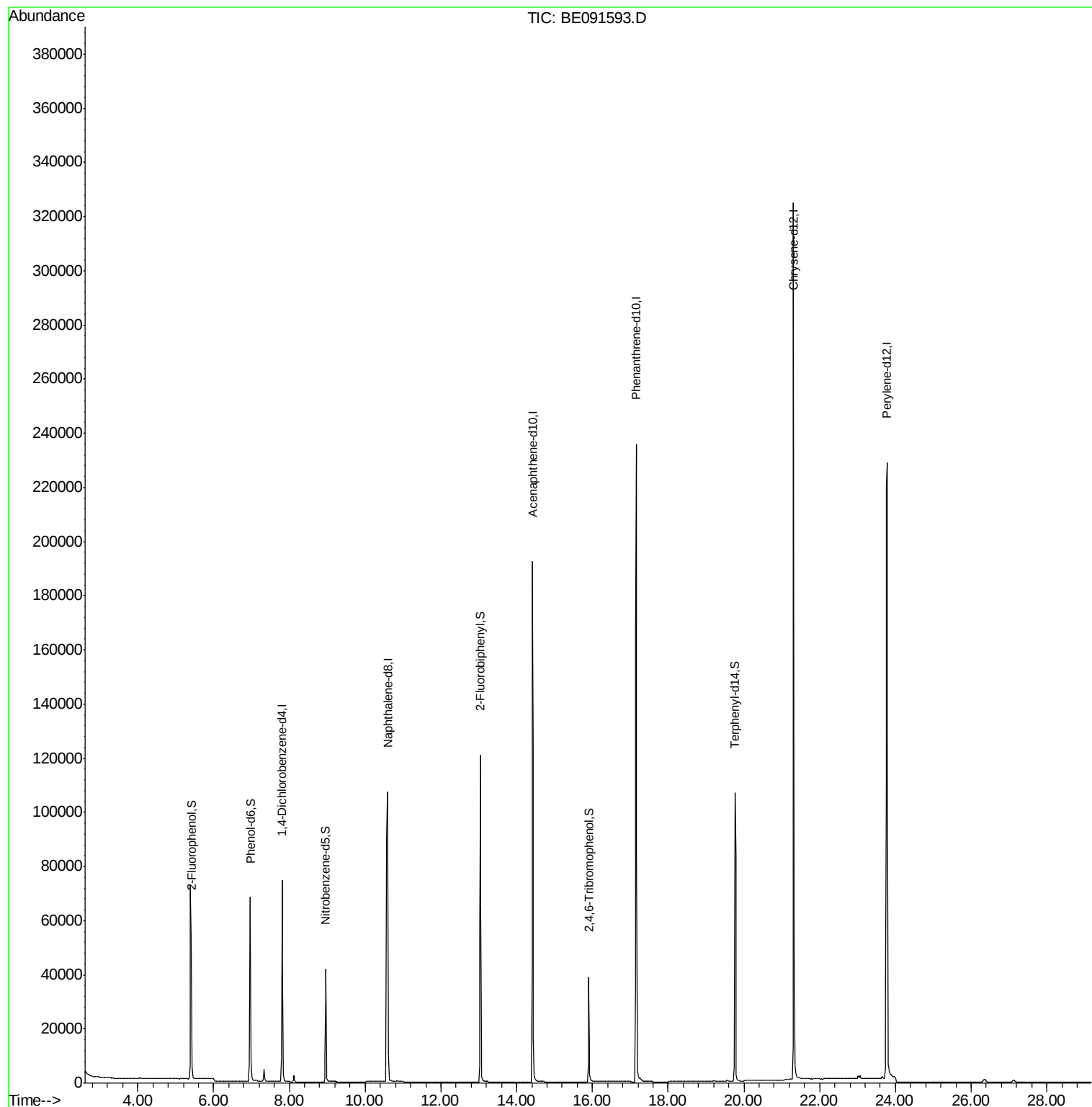
Target Compounds	Qvalue
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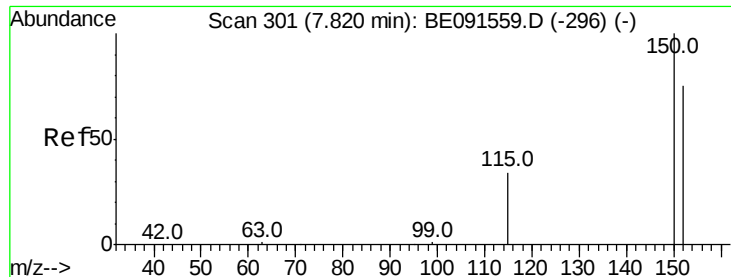
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091593.D

Acq: 1 Apr 2016 16:50

Instrument :

BNA_E

ClientSampleId :

PB89409BL

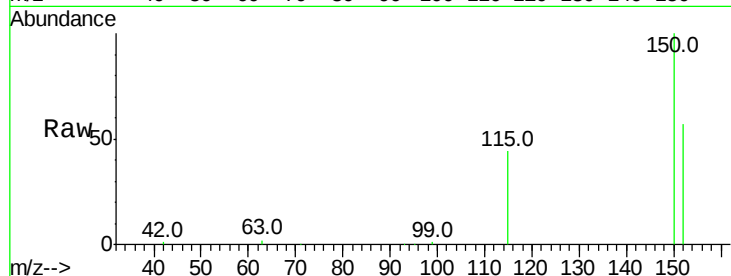
Tot Ion:152 Resp: 41229

Ion Ratio Lower Upper

152 100

150 176.8 122.2 183.2

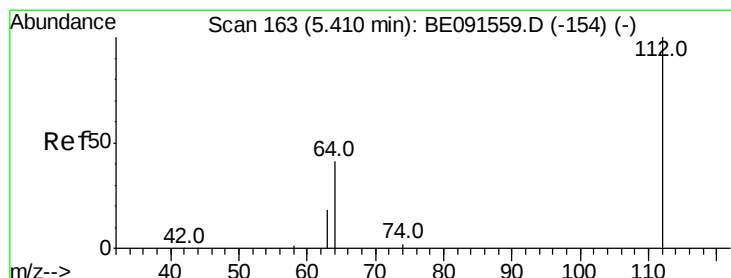
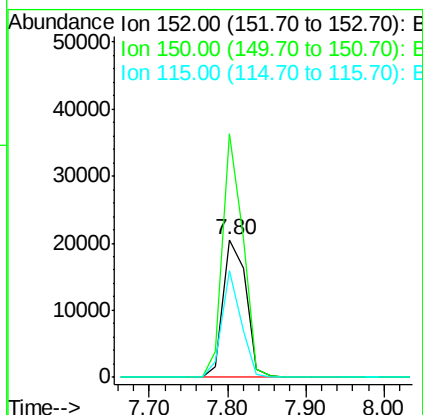
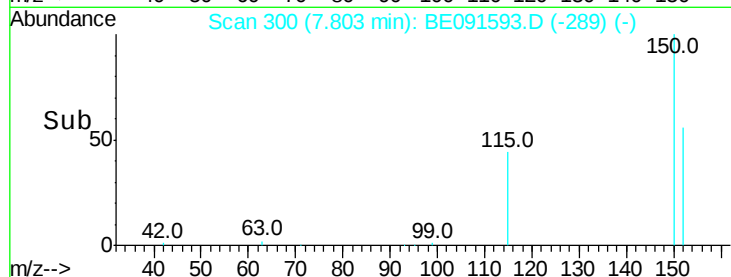
115 77.3 45.9 68.9#



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: 6.18 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091593.D

Acq: 1 Apr 2016 16:50

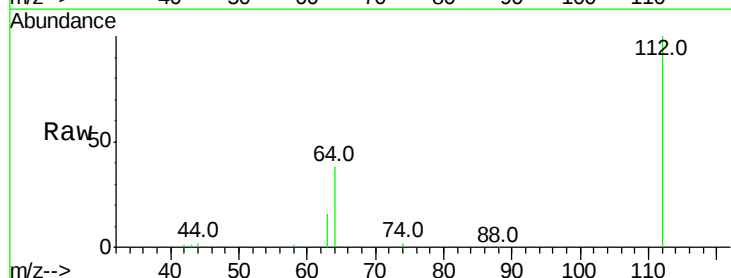
Tgt Ion:112 Resp: 66678

Ion Ratio Lower Upper

112 100

64 68.7 53.3 79.9

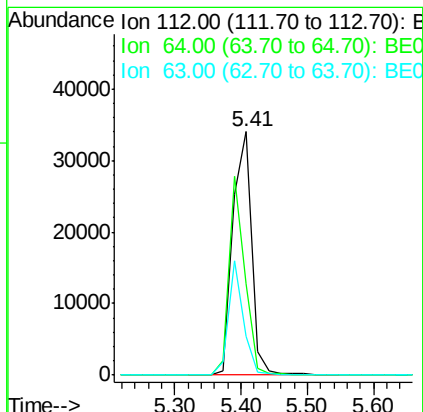
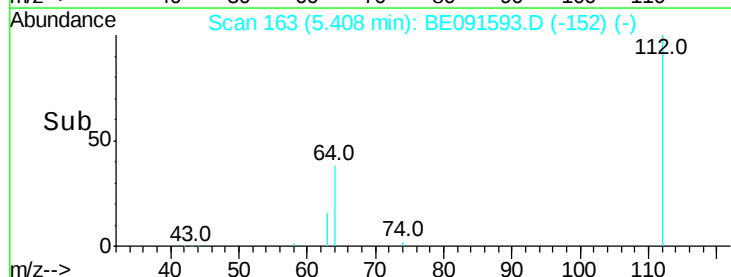
63 37.0 29.8 44.8

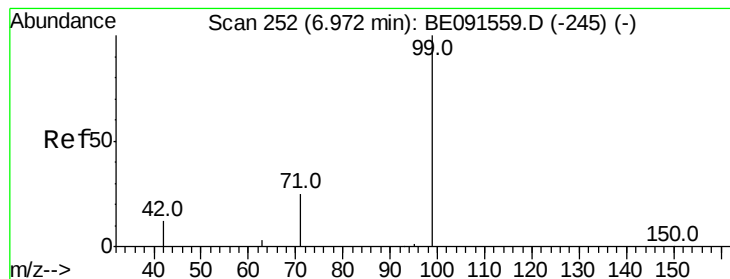


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.53 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091593.D

Acq: 1 Apr 2016 16:50

Instrument :

BNA_E

ClientSampleId :

PB89409BL

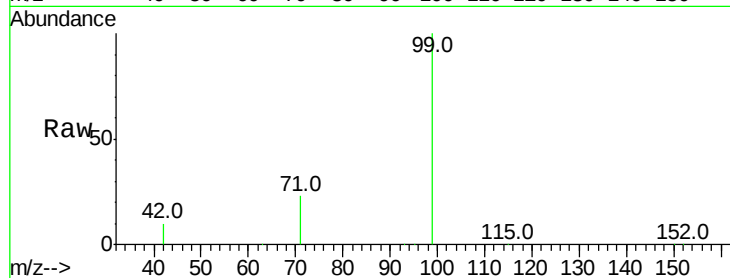
Tot Ion: 99 Resp: 95275

Ion Ratio Lower Upper

99 100

42 25.1 20.6 30.8

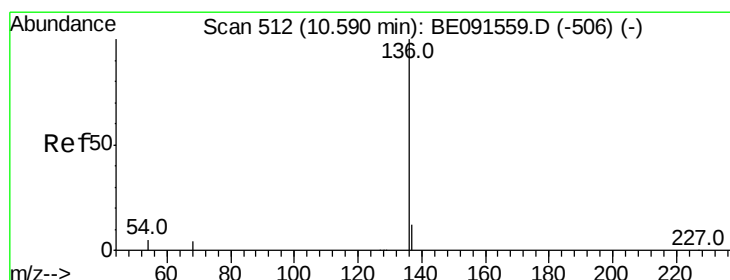
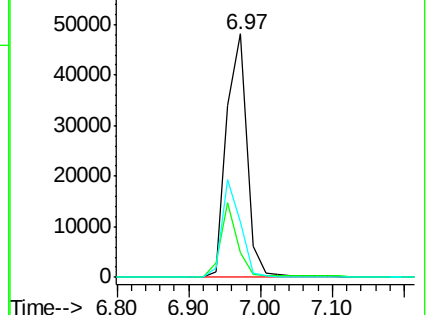
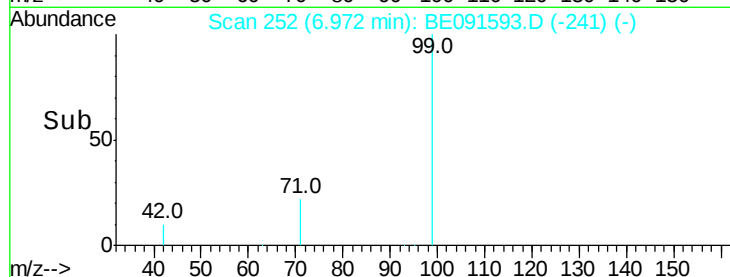
71 36.4 29.0 43.4



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: BE091593.D

Acq: 1 Apr 2016 16:50

Tgt Ion: 136 Resp: 192805

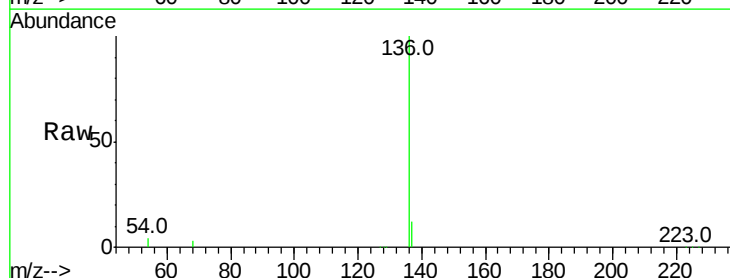
Ion Ratio Lower Upper

136 100

137 12.0 8.8 13.2

54 4.1 5.2 7.8#

68 3.4 4.1 6.1#

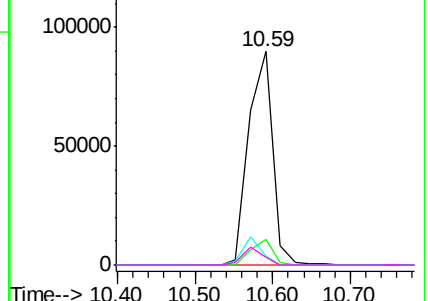
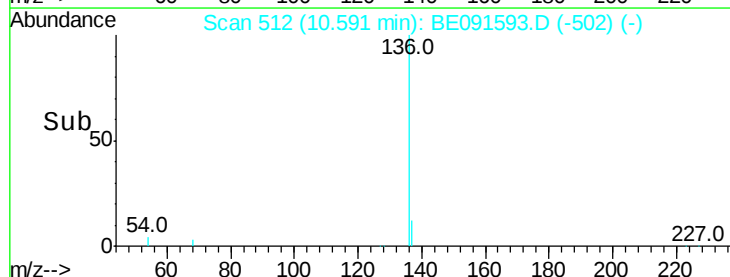


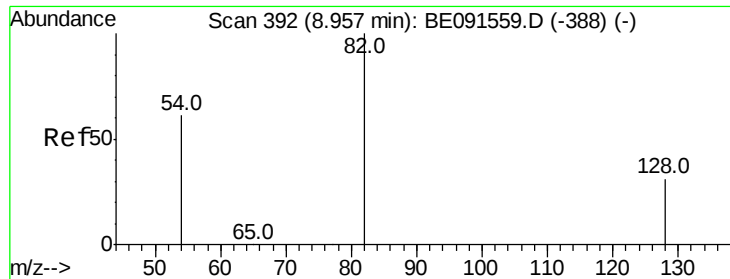
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.11 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091593.D

Acq: 1 Apr 2016 16:50

Instrument :

BNA_E

ClientSampleId :

PB89409BL

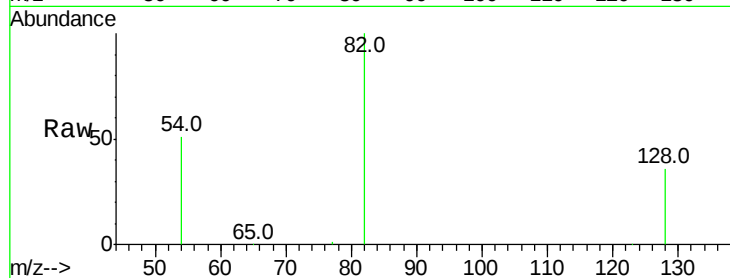
Tot Ion: 82 Resp: 40219

Ion Ratio Lower Upper

82 100

128 35.6 23.5 35.3#

54 51.0 52.4 78.6#

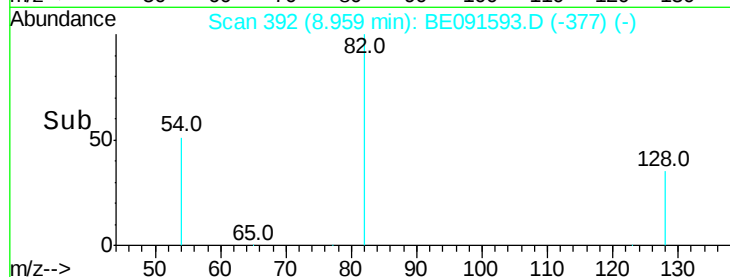


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

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

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

Time-->

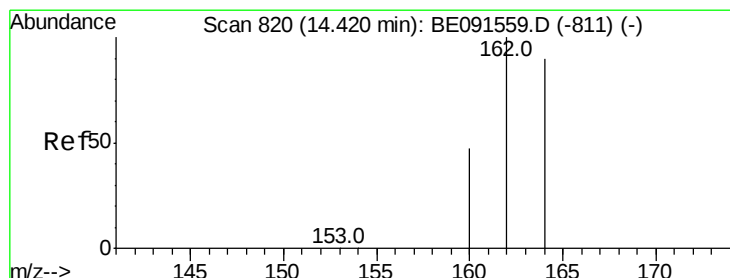


Abundance Ion 82.00 (81.70 to 82.70): BE091593.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BE091593.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BE091593.D (-377) (-)

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091593.D

Acq: 1 Apr 2016 16:50

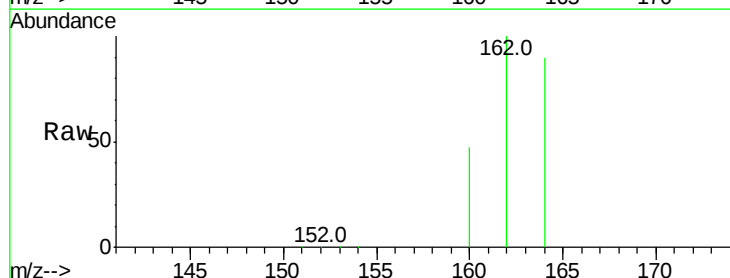
Tgt Ion: 164 Resp: 123012

Ion Ratio Lower Upper

164 100

162 111.5 84.4 126.6

160 52.3 37.7 56.5

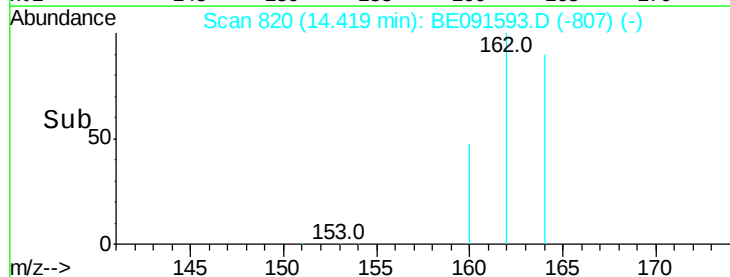


Abundance Ion 164.00 (163.70 to 164.70): BE091559.D (-811) (-)

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

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

Time-->

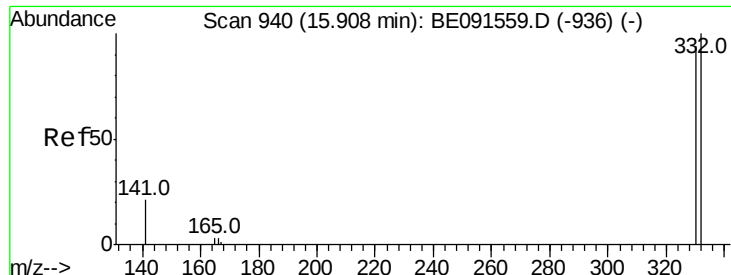


Abundance Ion 164.00 (163.70 to 164.70): BE091593.D (-807) (-)

Ion 162.00 (161.70 to 162.70): BE091593.D (-807) (-)

Ion 160.00 (159.70 to 160.70): BE091593.D (-807) (-)

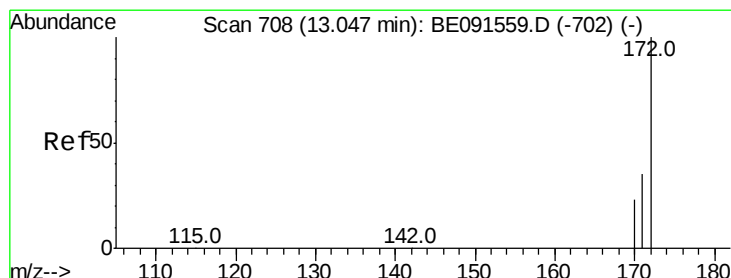
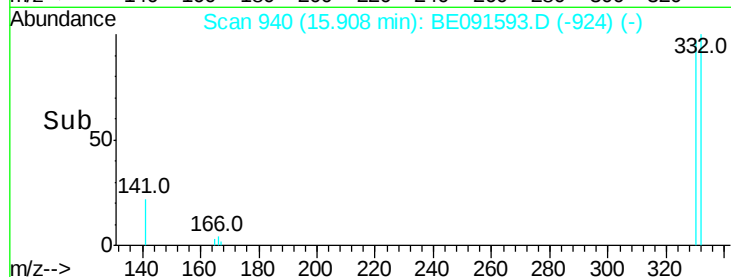
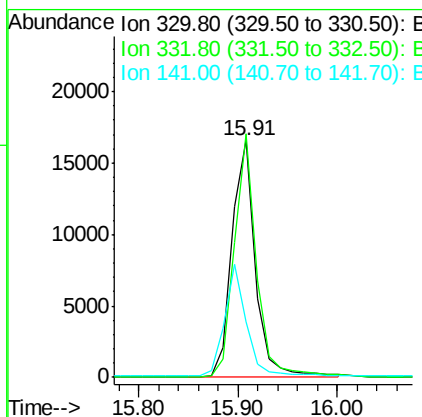
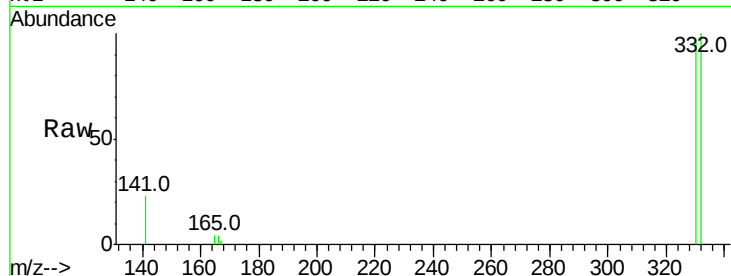
Time-->



#11
 2,4,6-Tribromophenol
 Concen: 4.98 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091593.D
 Acq: 1 Apr 2016 16:50

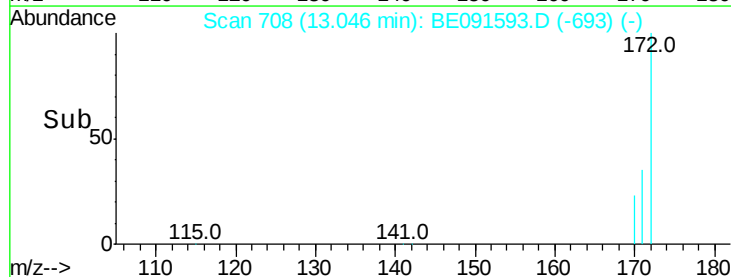
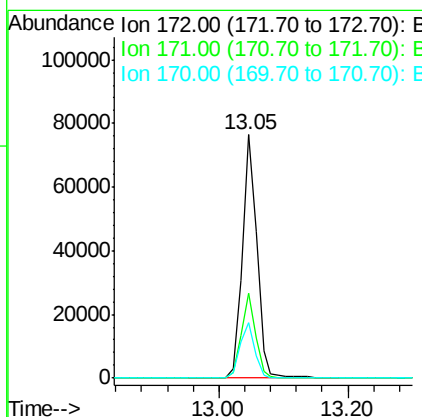
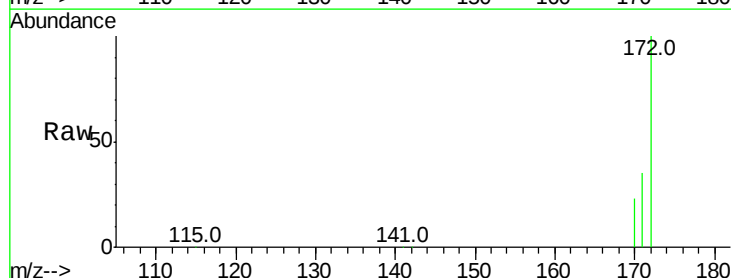
Instrument :
 BNA_E
 ClientSampleId :
 PB89409BL

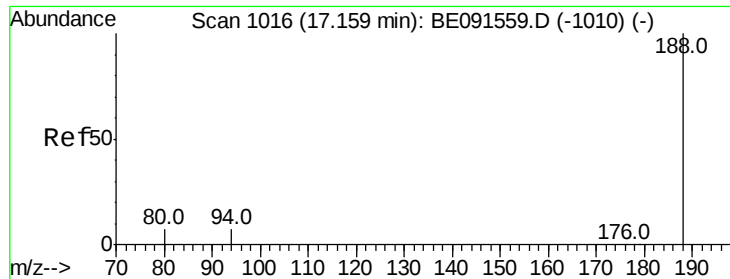
Tot Ion:330 Resp: 27167
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.2 118.8
 141 44.0 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.36 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091593.D
 Acq: 1 Apr 2016 16:50

Tgt Ion:172 Resp: 117364
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.8 44.8
 170 23.0 21.4 32.2

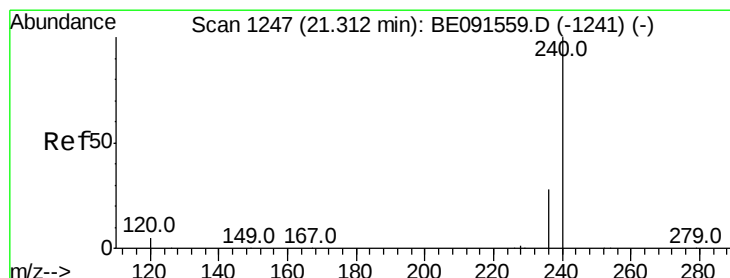
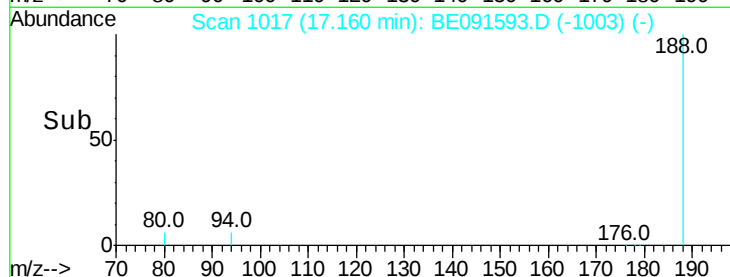
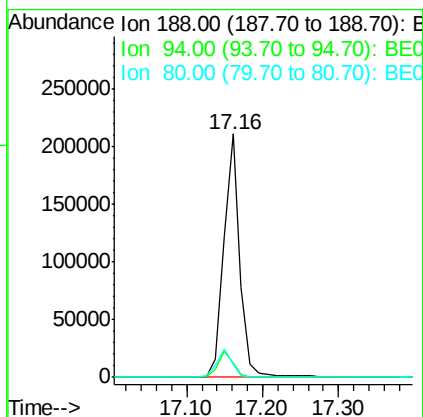
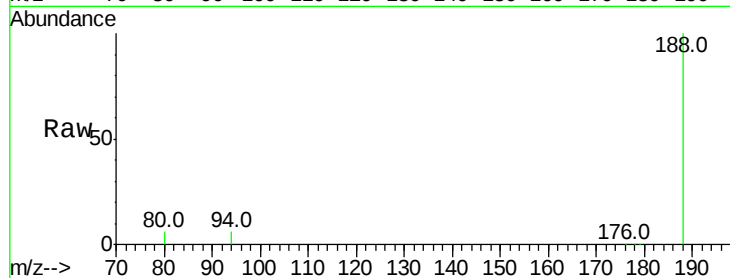




#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

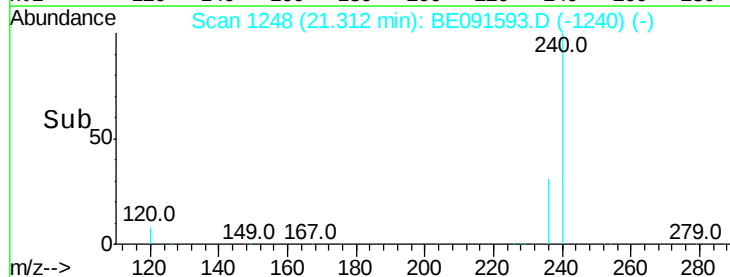
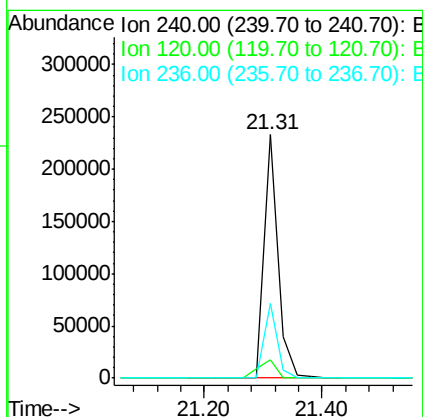
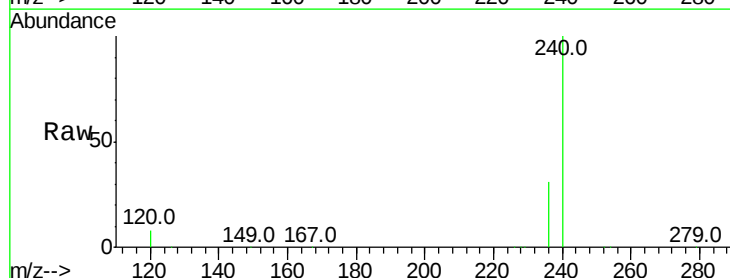
Instrument :
BNA_E
ClientSampled :
PB89409BL

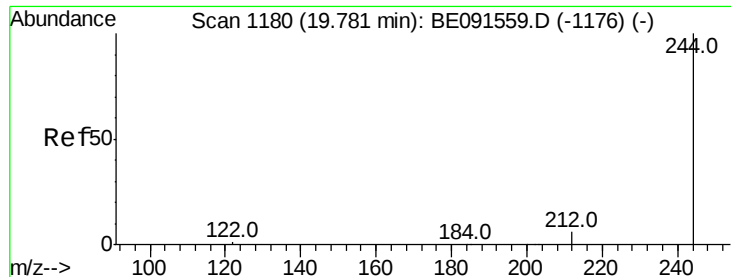
Tot Ion:188 Resp: 312679
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.2
80 5.6 5.0 7.4



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091593.D
Acq: 1 Apr 2016 16:50

Tgt Ion:240 Resp: 386682
Ion Ratio Lower Upper
240 100
120 7.7 4.0 6.0#
236 30.6 23.0 34.4





#24

Terphenyl-d14

Concen: 3.77 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091593.D

Acq: 1 Apr 2016 16:50

Instrument :

BNA_E

ClientSampleId :

PB89409BL

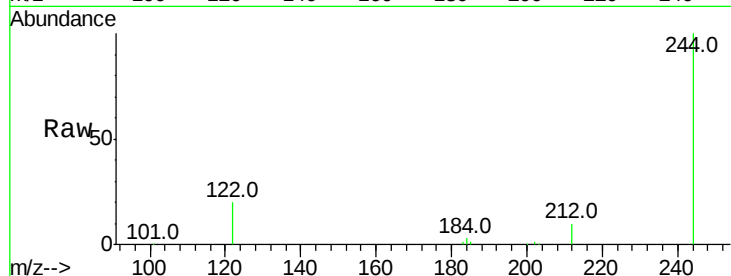
Tot Ion:244 Resp: 185166

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

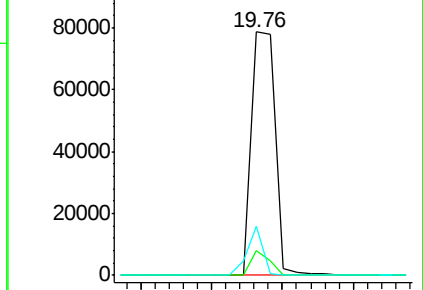
122 20.1 1.8 2.8#



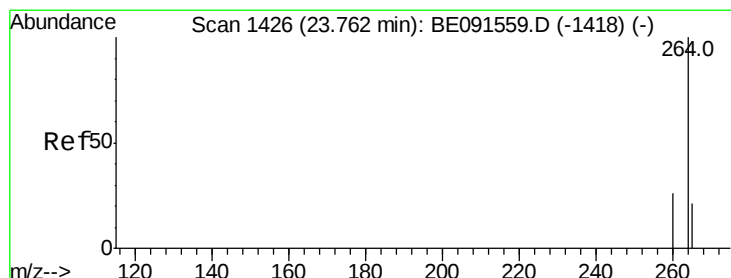
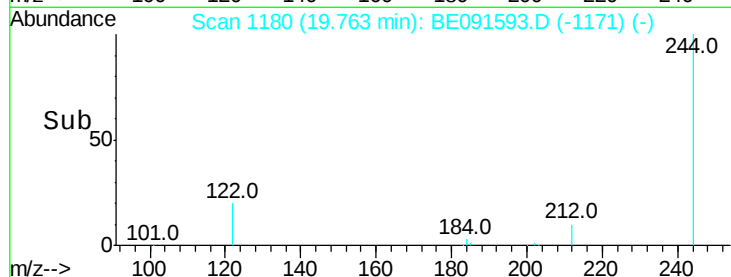
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.77 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BE091593.D

Acq: 1 Apr 2016 16:50

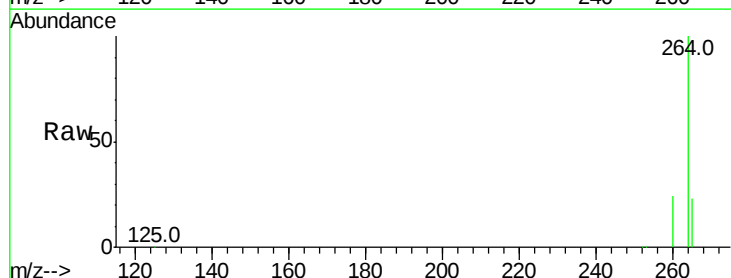
Tgt Ion:264 Resp: 372606

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

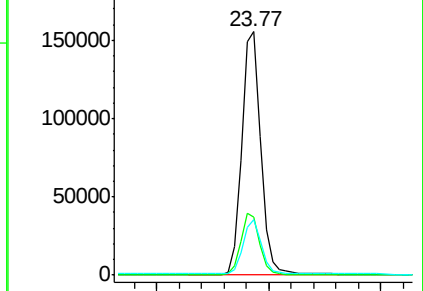
265 22.7 18.3 27.5



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



Time-->

