

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091596.D
 Acq On : 1 Apr 2016 18:43
 Operator : UM/SJ
 Sample : PB89421BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89421BL

Quant Time: Apr 01 23:57:20 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	7.82	152	35946	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	169364	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	105234	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	274444	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	337801	5.00	ng	-0.02
28) Perylene-d12	23.77	264	288664	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	62864	6.68	ng	-0.02
5) Phenol-d6	6.97	99	89827	7.06	ng	-0.02
7) Nitrobenzene-d5	8.96	82	37035	3.26	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	24946	5.35	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	109998	3.68	ng	-0.02
24) Terphenyl-d14	19.78	244	173025	4.04	ng	0.00

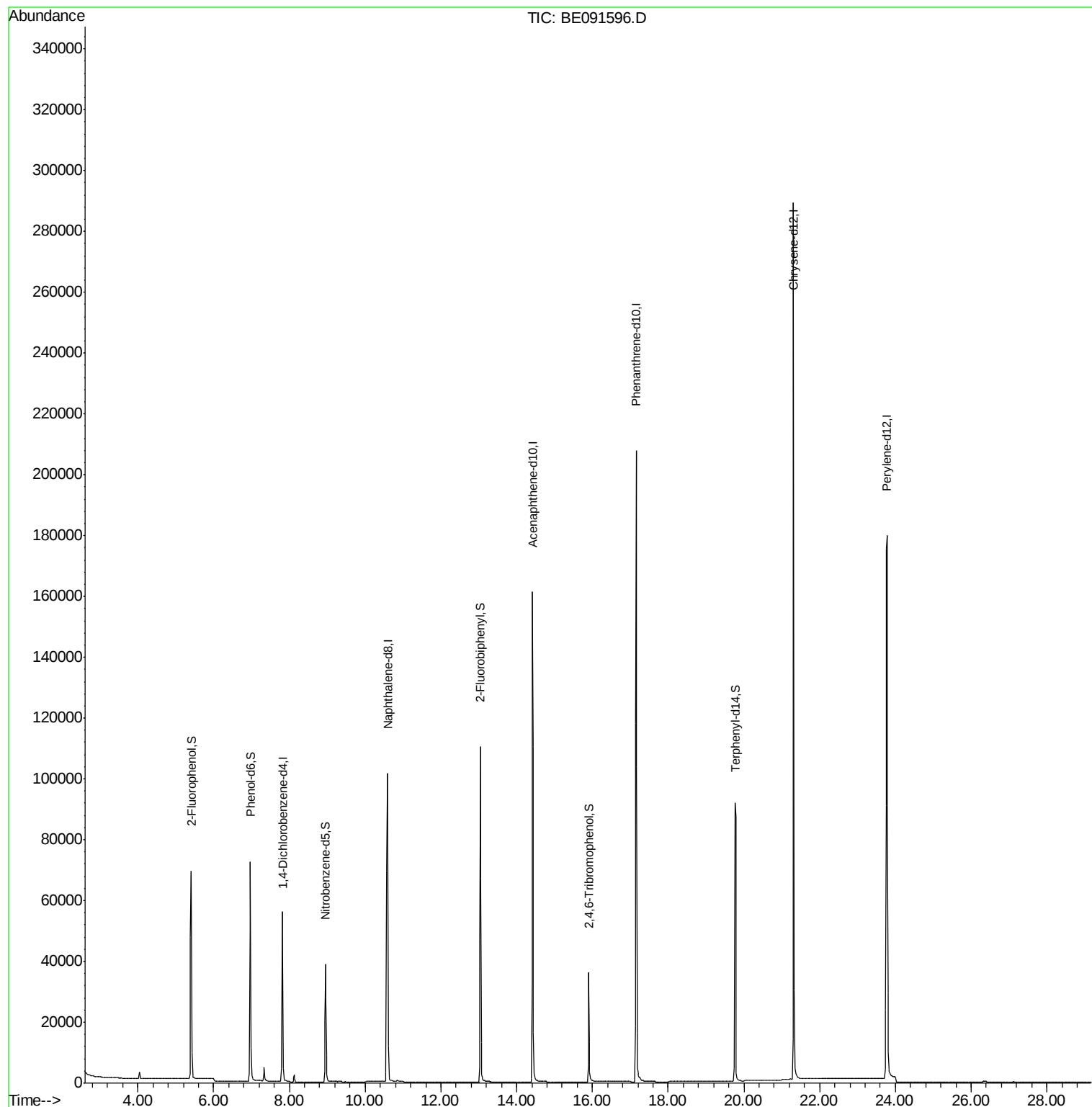
Target Compounds Qvalue

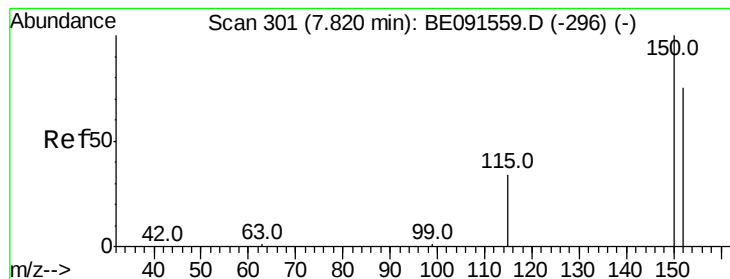
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. 0.00 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

Instrument :

BNA_E

ClientSampleId :

PB89421BL

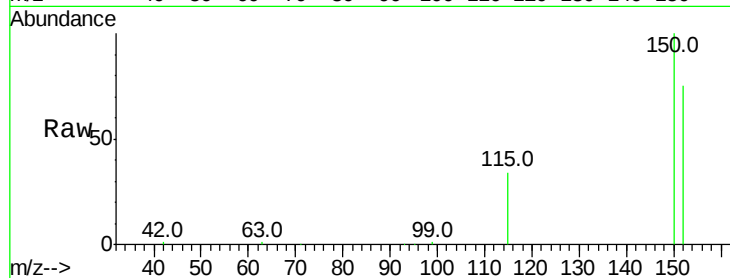
Tot Ion:152 Resp: 35946

Ion Ratio Lower Upper

152 100

150 133.5 122.2 183.2

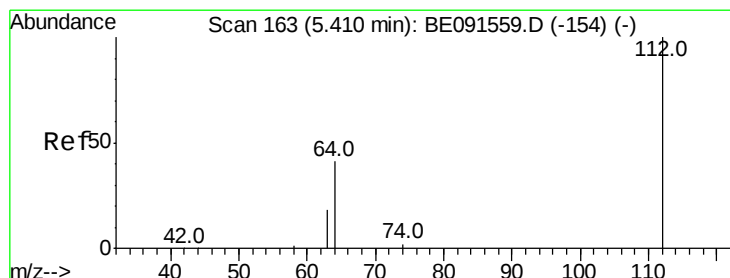
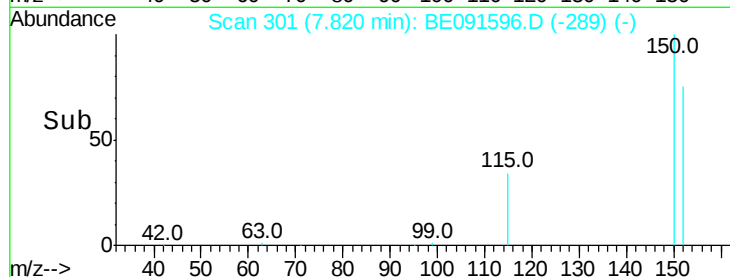
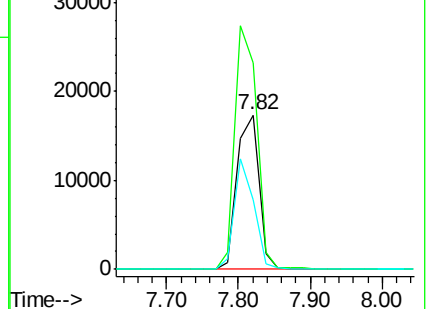
115 45.2 45.9 68.9#



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: 6.68 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

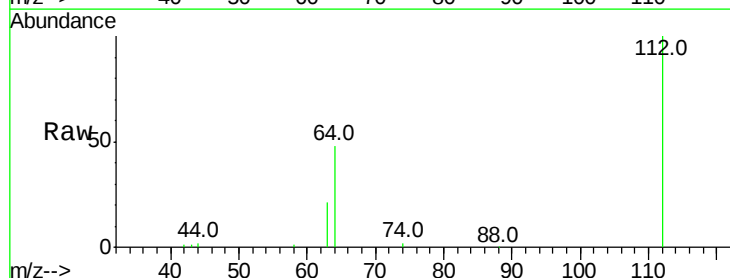
Tgt Ion:112 Resp: 62864

Ion Ratio Lower Upper

112 100

64 67.7 53.3 79.9

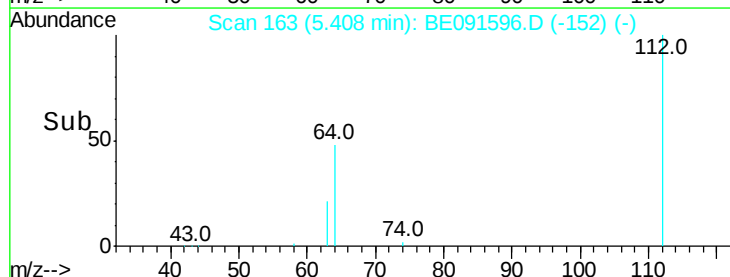
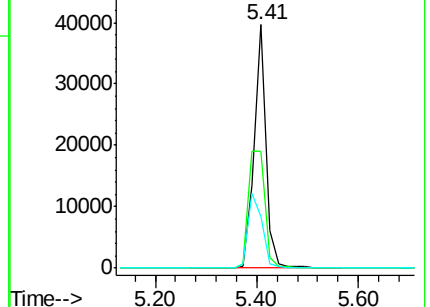
63 36.5 29.8 44.8

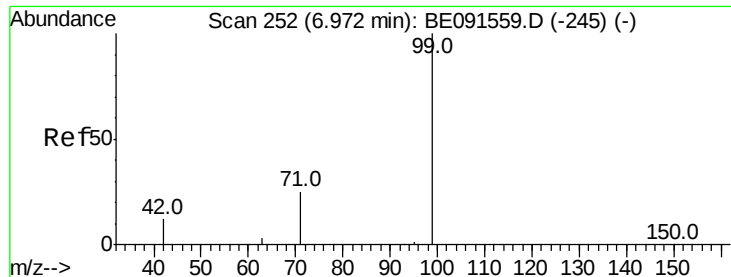


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.06 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

Instrument :

BNA_E

ClientSampleId :

PB89421BL

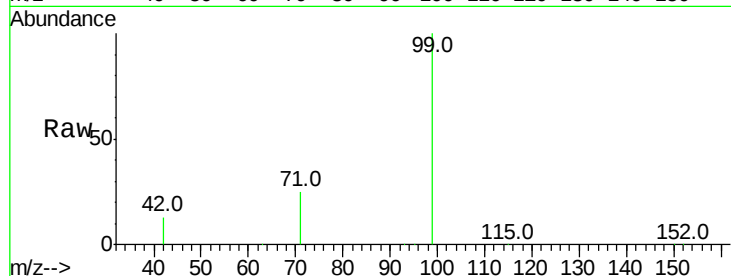
Tot Ion: 99 Resp: 89827

Ion Ratio Lower Upper

99 100

42 25.1 20.6 30.8

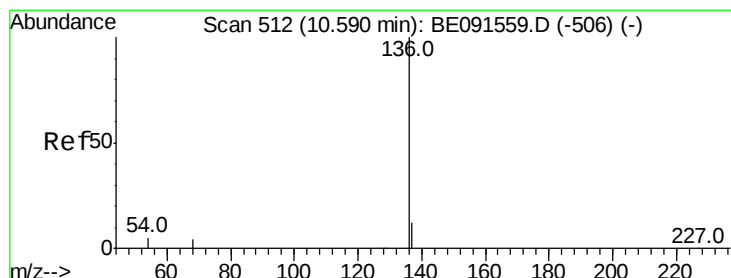
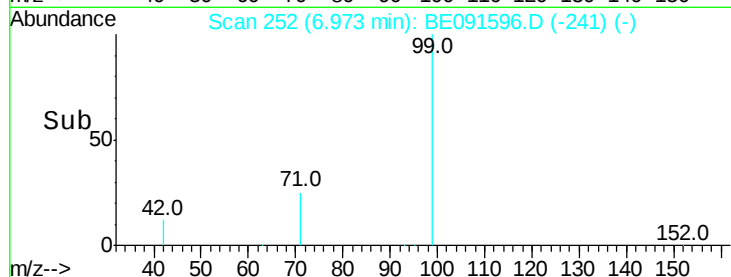
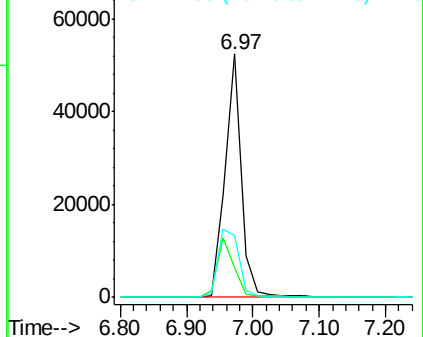
71 35.8 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

Tgt Ion: 136 Resp: 169364

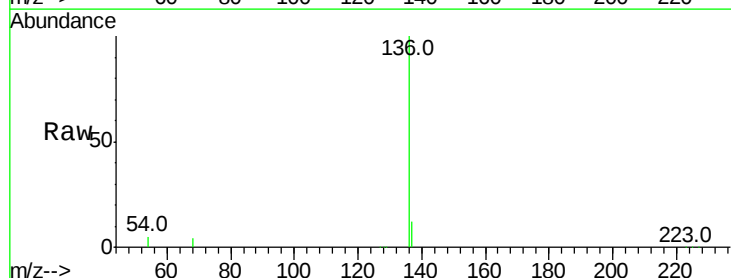
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.8 5.2 7.8#

68 3.9 4.1 6.1#

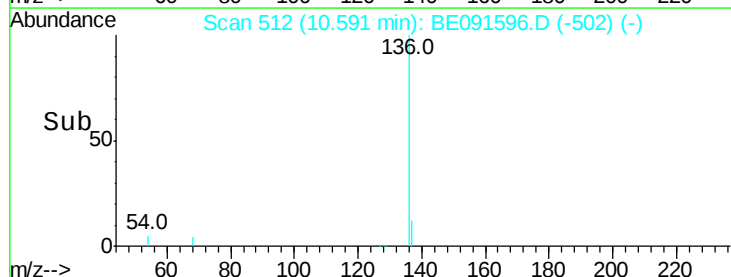
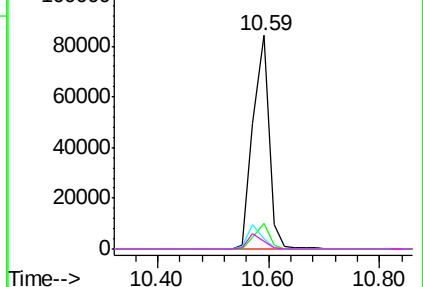


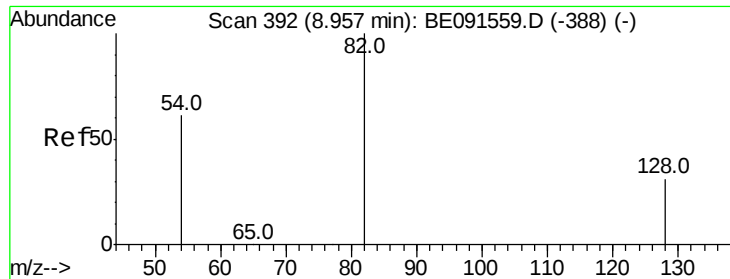
Abundance Ion 136.00 (135.70 to 136.70): E

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: BE091596.D

Acq: 1 Apr 2016 18:43

Instrument :

BNA_E

ClientSampleId :

PB89421BL

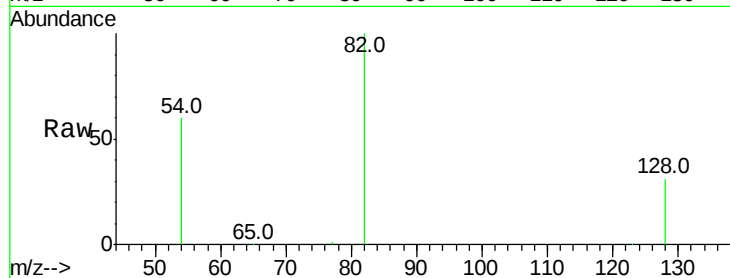
Tot Ion: 82 Resp: 37035

Ion Ratio Lower Upper

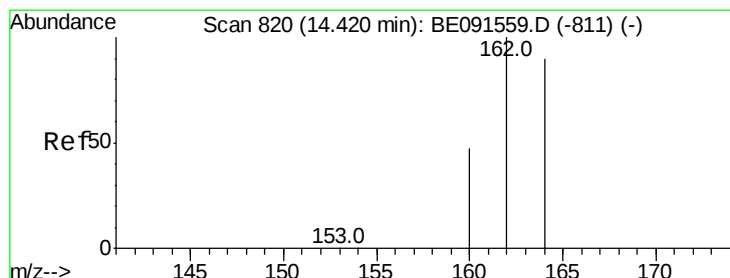
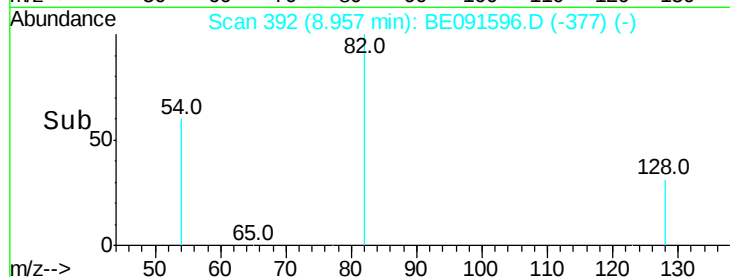
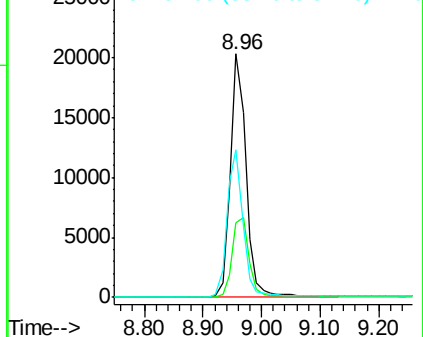
82 100

128 30.7 23.5 35.3

54 60.5 52.4 78.6



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

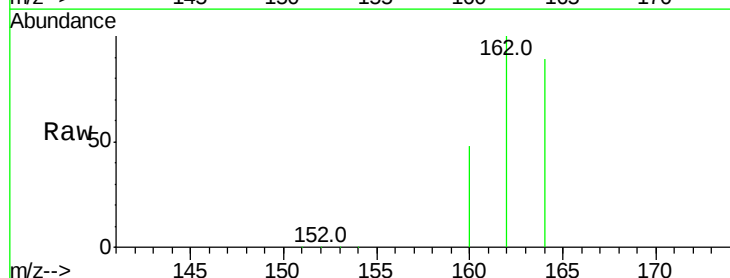
Tgt Ion:164 Resp: 105234

Ion Ratio Lower Upper

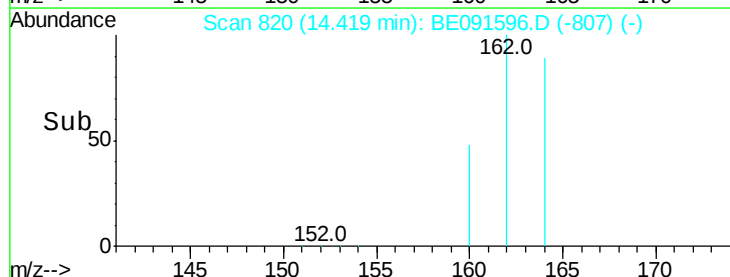
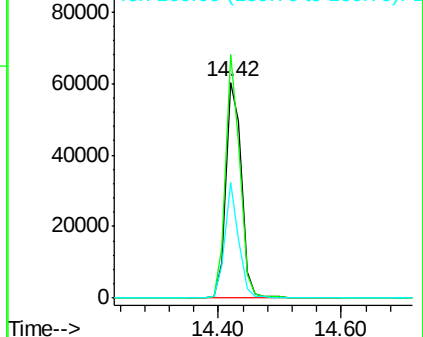
164 100

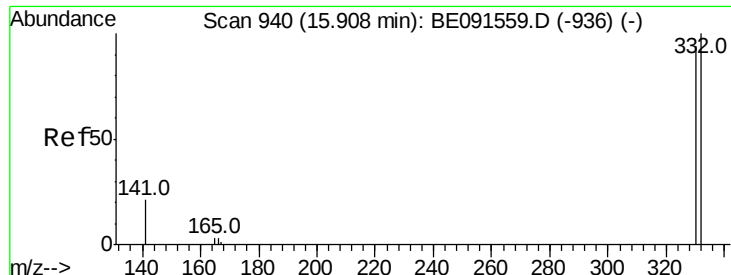
162 112.9 84.4 126.6

160 53.9 37.7 56.5



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

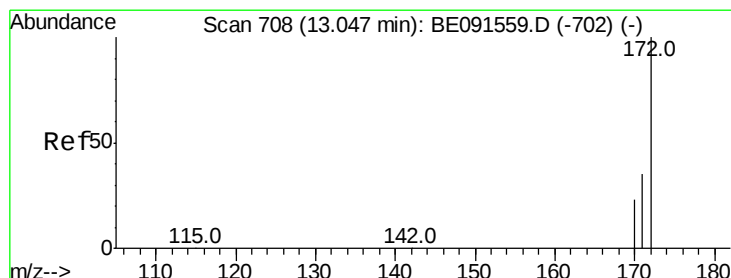
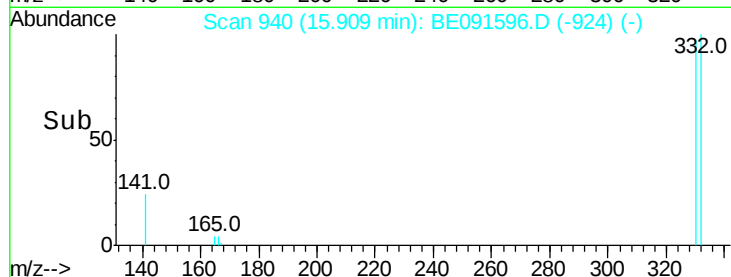
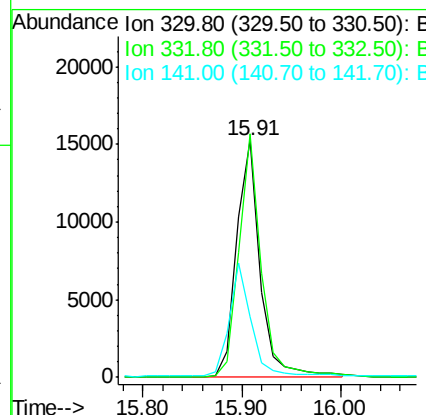
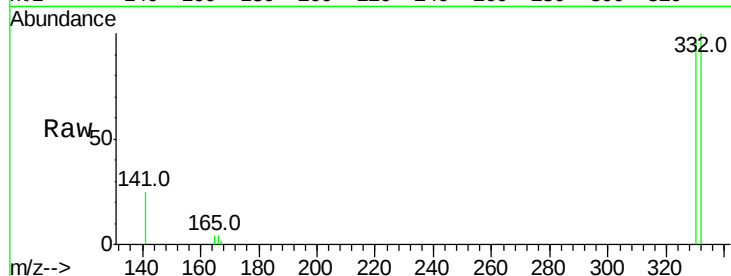




#11
 2,4,6-Tribromophenol
 Concen: 5.35 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091596.D
 Acq: 1 Apr 2016 18:43

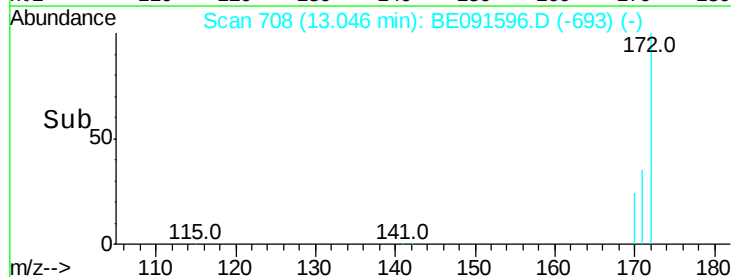
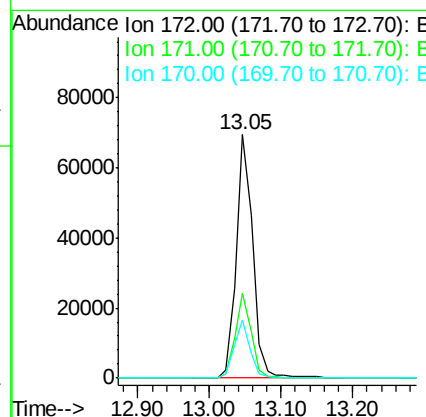
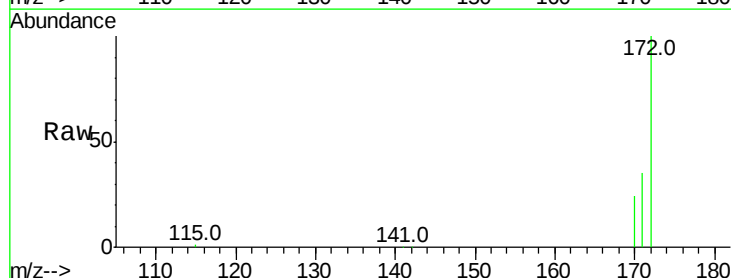
Instrument :
 BNA_E
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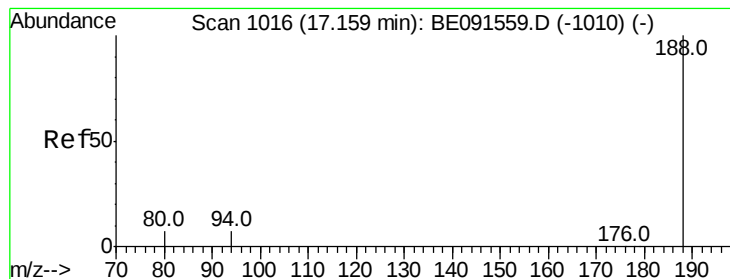
Tot Ion:330 Resp: 24946
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.2 118.8
 141 44.7 28.1 42.1#



#12
 2-Fluorobiphenyl
 Concen: 3.68 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091596.D
 Acq: 1 Apr 2016 18:43

Tgt Ion:172 Resp: 109998
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.8 44.8
 170 23.7 21.4 32.2





#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

Instrument :

BNA_E

ClientSampleId :

PB89421BL

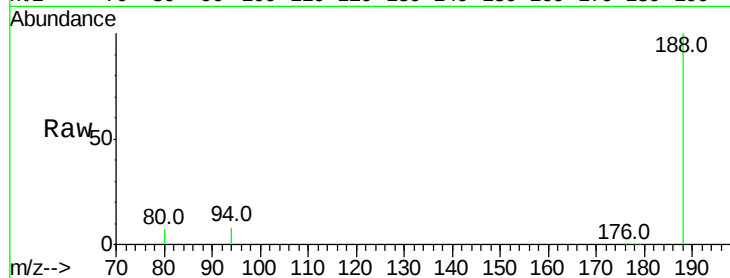
Tot Ion:188 Resp: 274444

Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.2

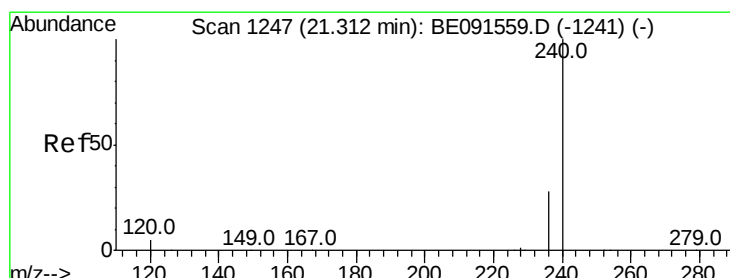
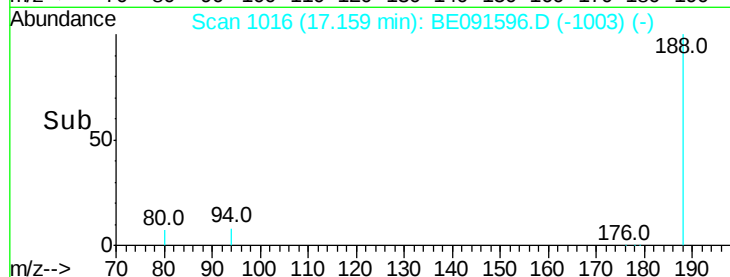
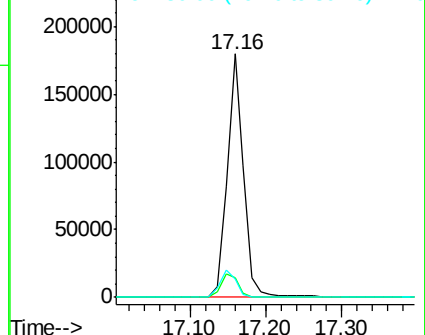
80 7.5 5.0 7.4#



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091596.D

Acq: 1 Apr 2016 18:43

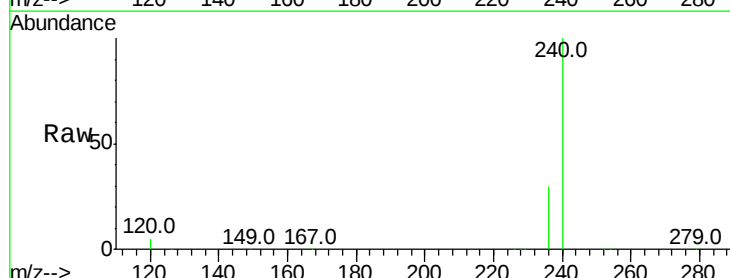
Tgt Ion:240 Resp: 337801

Ion Ratio Lower Upper

240 100

120 5.0 4.0 6.0

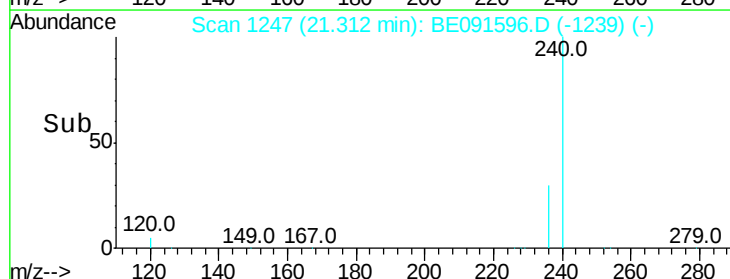
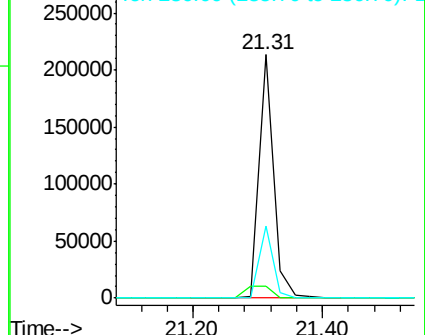
236 29.5 23.0 34.4

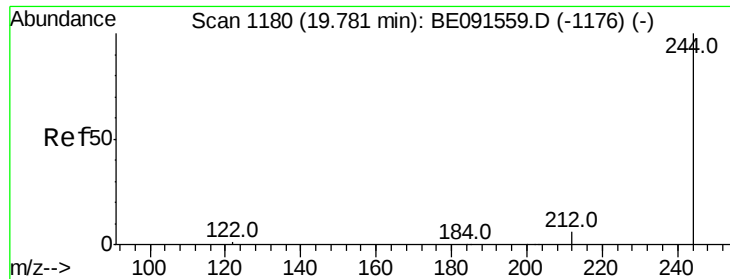


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

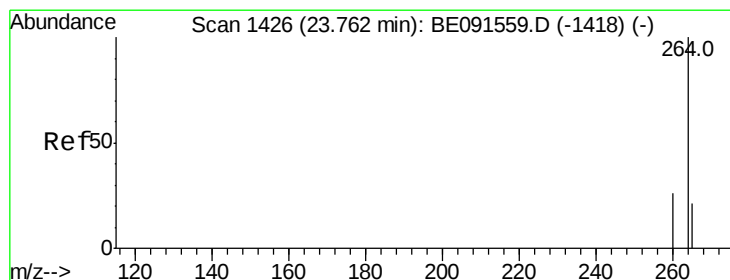
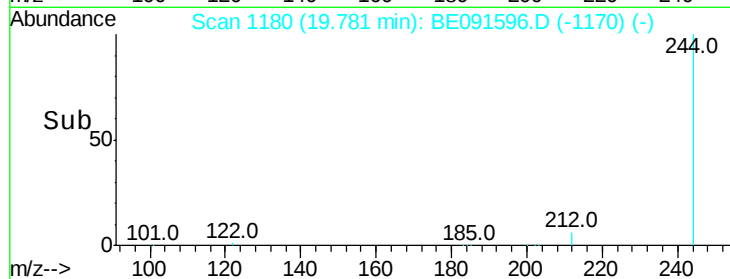
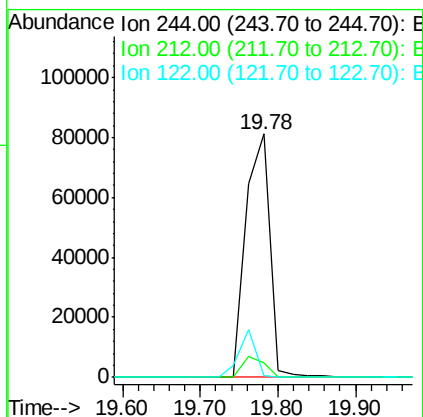
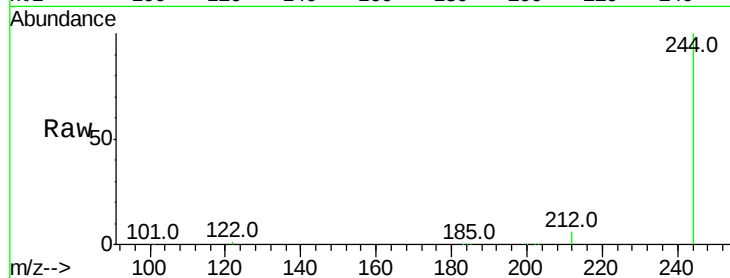




#24
 Terphenyl-d14
 Concen: 4.04 ng
 RT: 19.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091596.D
 Acq: 1 Apr 2016 18:43

Instrument :
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Tot Ion:244 Resp: 173025
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 0.7 1.8 2.8#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.77 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BE091596.D
 Acq: 1 Apr 2016 18:43

Tgt Ion:264 Resp: 288664
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 23.2 18.3 27.5

