

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091810.D
 Acq On : 19 May 2016 15:08
 Operator : UM/SJ
 Sample : PB90668BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90668BL

Quant Time: May 20 04:56:24 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	22248	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	113054	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	77124	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	215004	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	276479	5.00	ng	-0.02
35) Perylene-d12	23.73	264	241400	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	40742	7.01	ng	-0.01
5) Phenol-d6	6.95	99	60173	7.35	ng	0.00
8) Nitrobenzene-d5	8.93	82	26716	3.57	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	22798	7.61	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	83411	3.82	ng	-0.01
29) Terphenyl-d14	19.74	244	161142	4.12	ng	-0.02

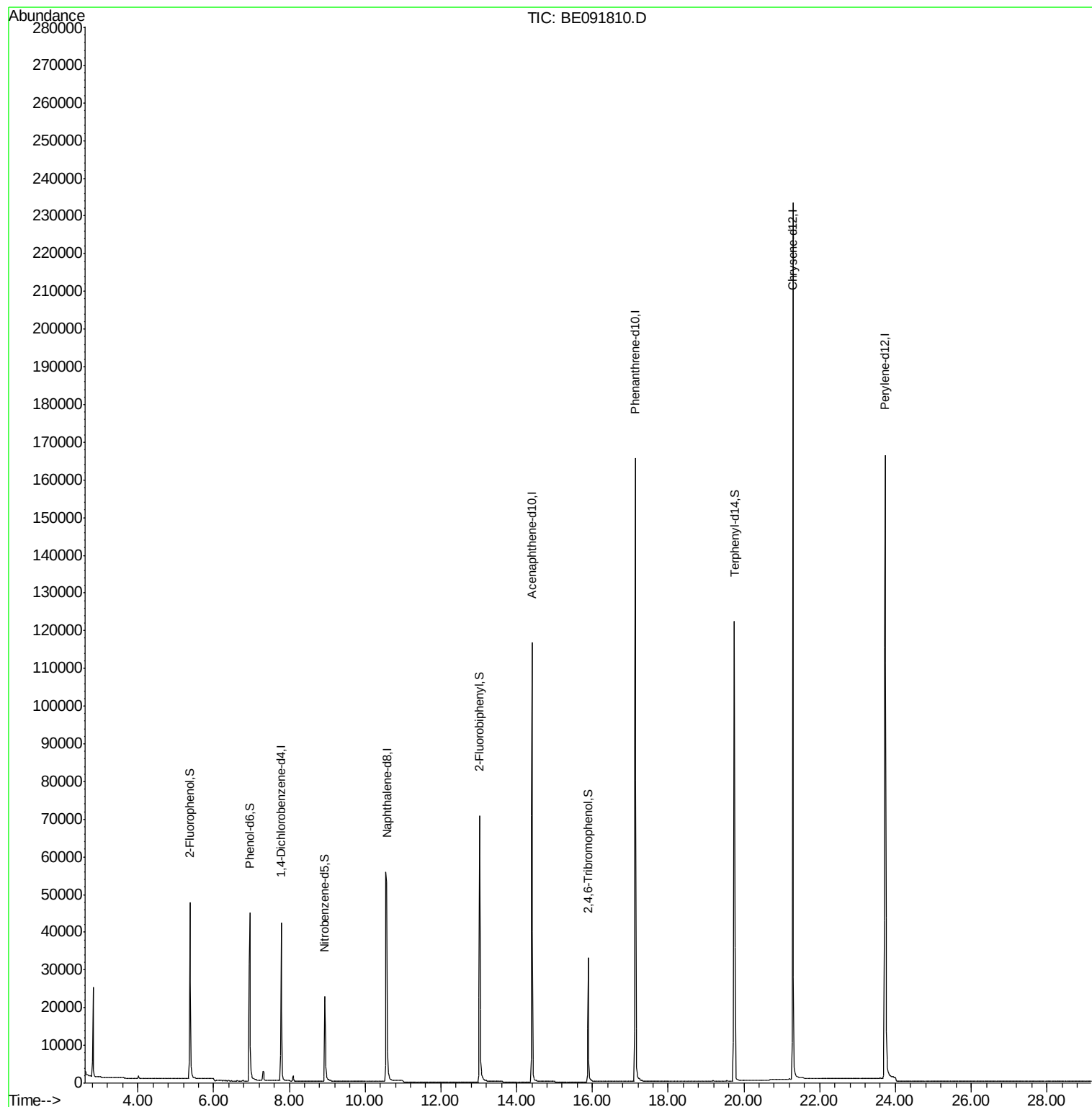
Target Compounds	Qvalue
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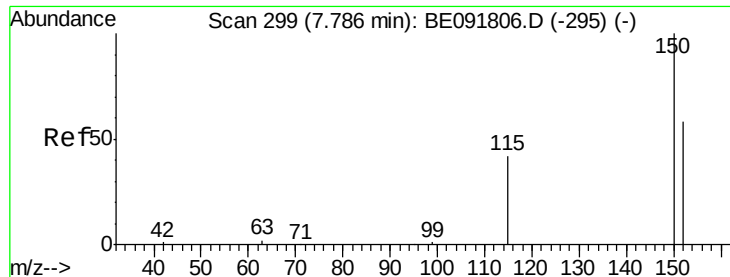
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampled :

PB90668BL

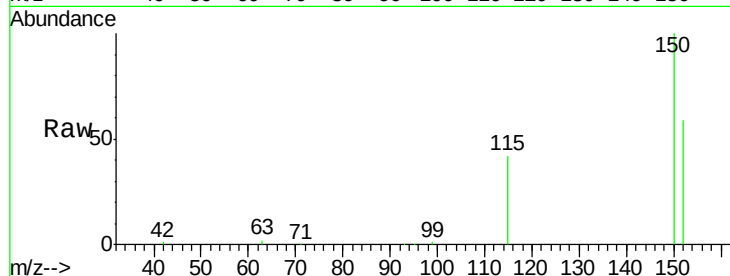
Tgt Ion:152 Resp: 22248

Ion Ratio Lower Upper

152 100

150 168.2 122.6 183.8

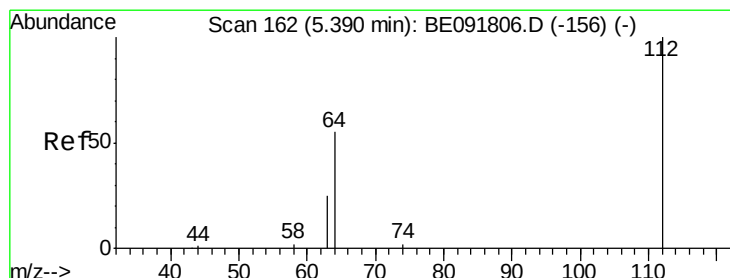
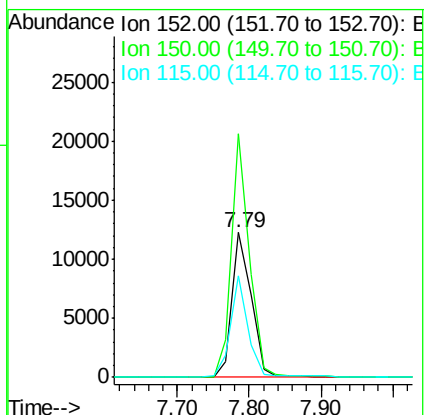
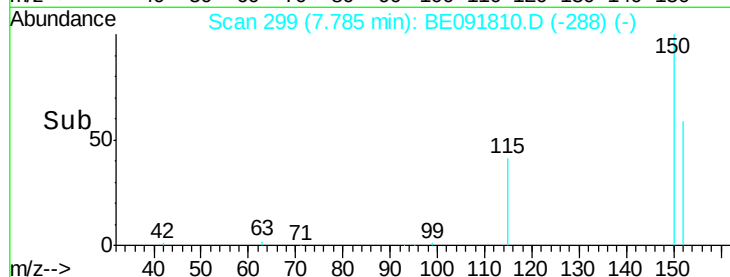
115 70.1 52.8 79.2



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: 7.01 ng

RT: 5.38 min Scan# 161

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

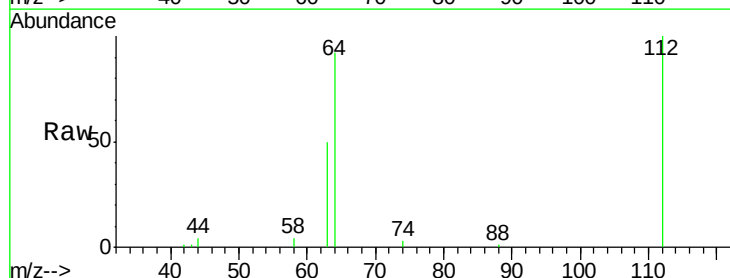
Tgt Ion:112 Resp: 40742

Ion Ratio Lower Upper

112 100

64 67.5 30.9 46.3#

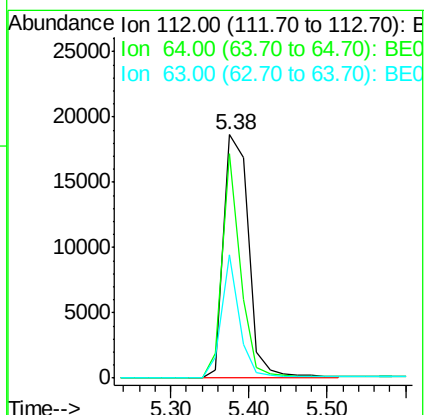
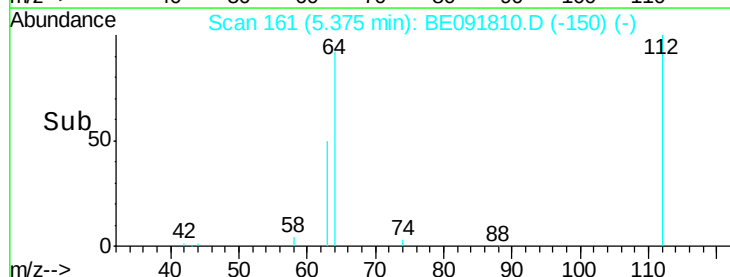
63 35.8 16.7 25.1#

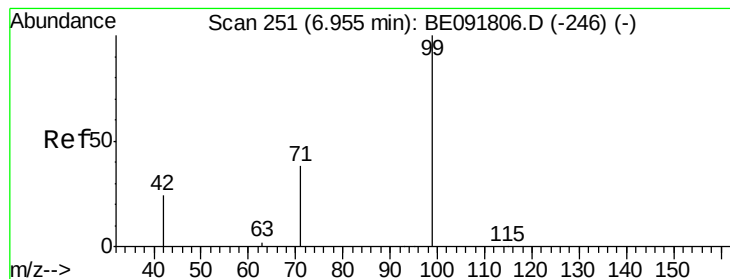


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.35 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

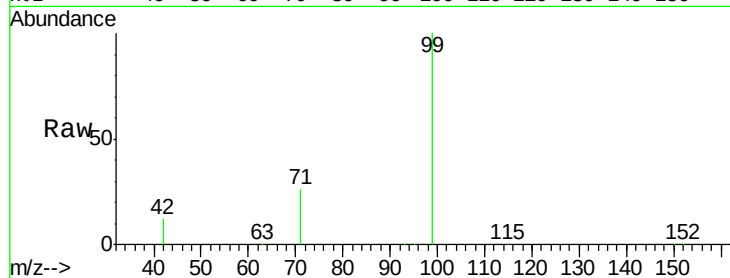
Tgt Ion: 99 Resp: 60173

Ion Ratio Lower Upper

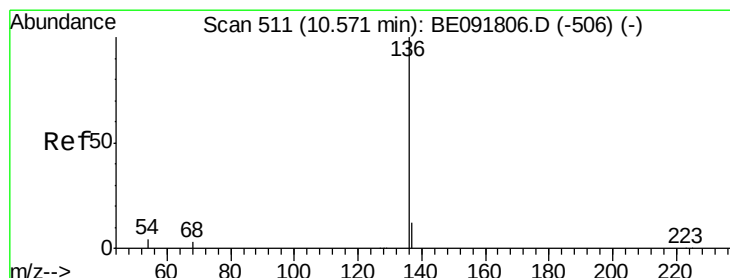
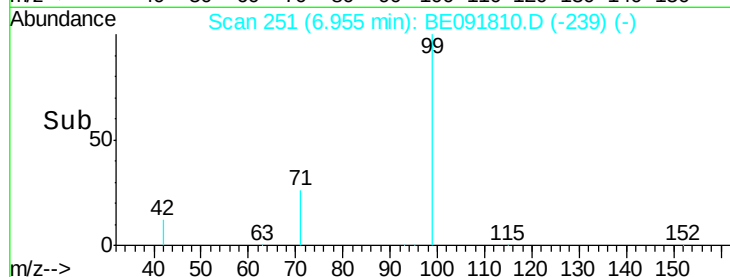
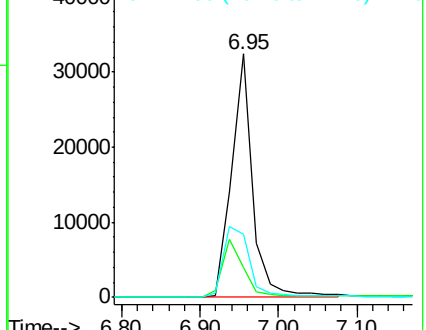
99 100

42 23.6 16.2 24.2

71 35.9 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: BE091810.D

Acq: 19 May 2016 15:08

Tgt Ion: 136 Resp: 113054

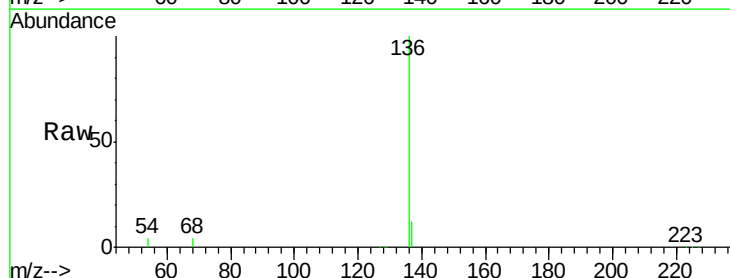
Ion Ratio Lower Upper

136 100

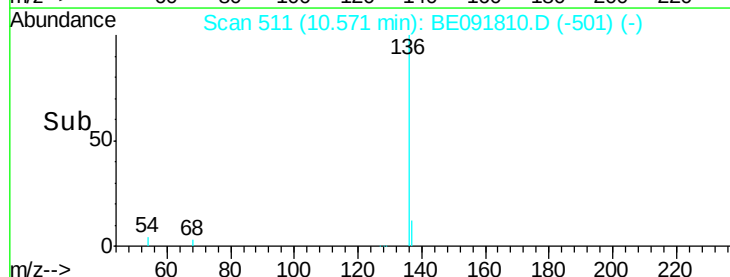
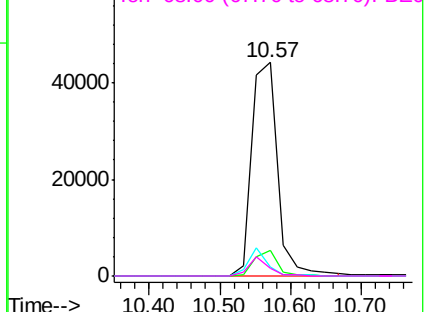
137 11.8 8.9 13.3

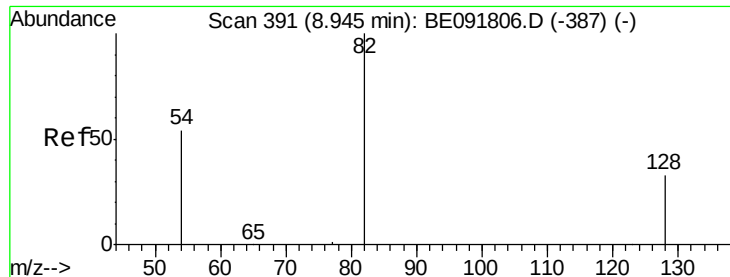
54 4.4 8.2 12.4#

68 3.6 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: 3.57 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

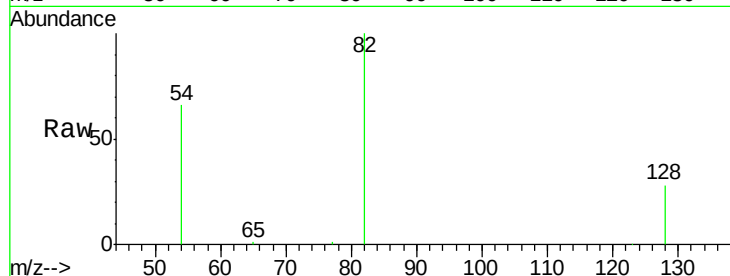
Tgt Ion: 82 Resp: 26716

Ion Ratio Lower Upper

82 100

128 28.3 25.4 38.0

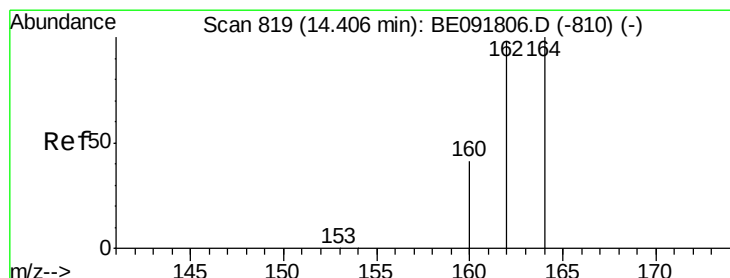
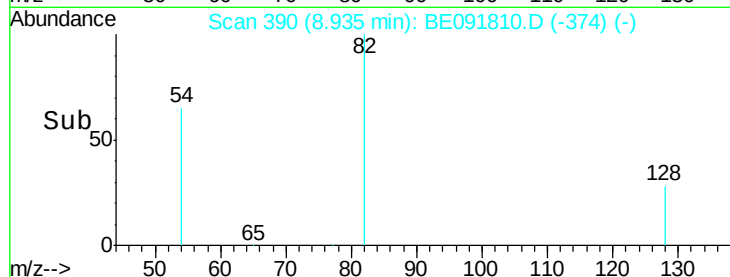
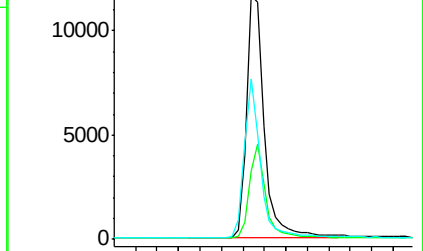
54 65.7 48.4 72.6



Abundance Ion 82.00 (81.70 to 82.70): BE091806.D (-387) (-)

Ion 128.00 (127.70 to 128.70): BE091806.D (-387) (-)

Ion 54.00 (53.70 to 54.70): BE091806.D (-387) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

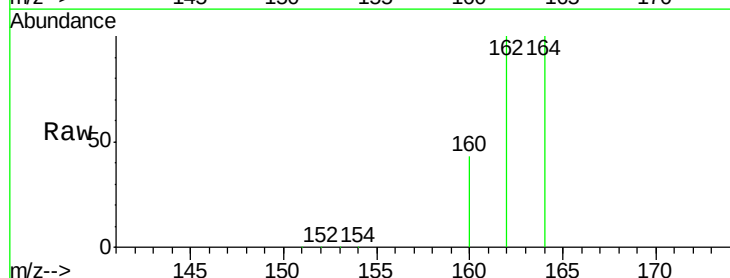
Tgt Ion: 164 Resp: 77124

Ion Ratio Lower Upper

164 100

162 100.2 85.3 127.9

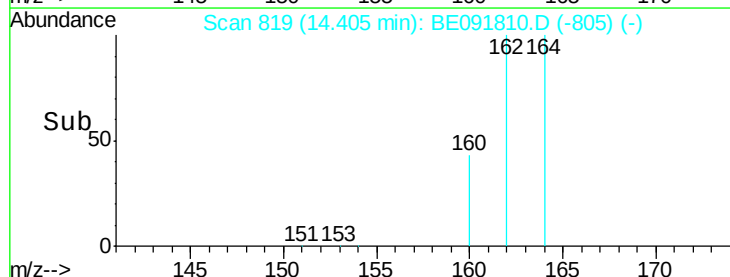
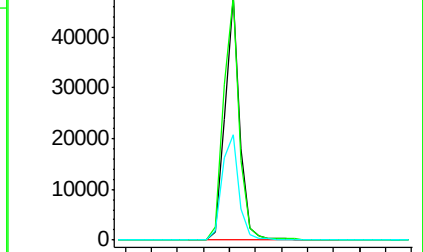
160 43.2 46.2 69.2#

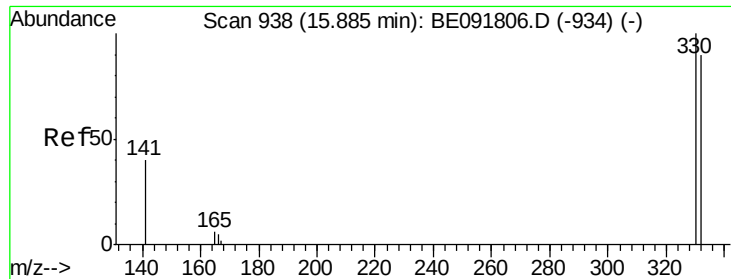


Abundance Ion 164.00 (163.70 to 164.70): BE091806.D (-810) (-)

Ion 162.00 (161.70 to 162.70): BE091806.D (-810) (-)

Ion 160.00 (159.70 to 160.70): BE091806.D (-810) (-)

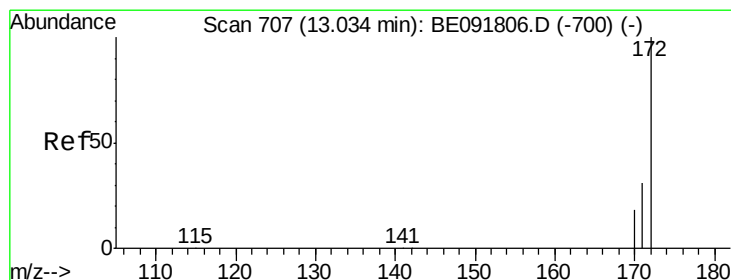
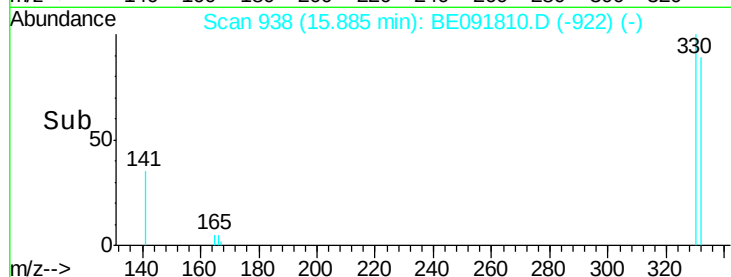
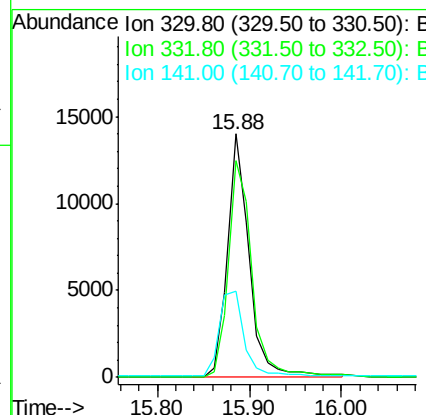
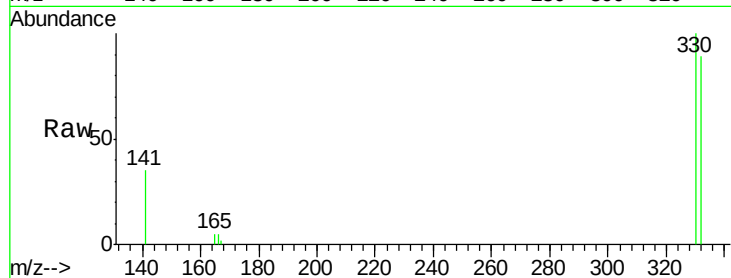




#14
 2,4,6-Tribromophenol
 Concen: 7.61 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

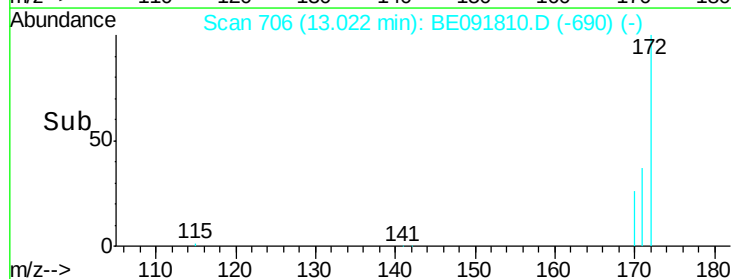
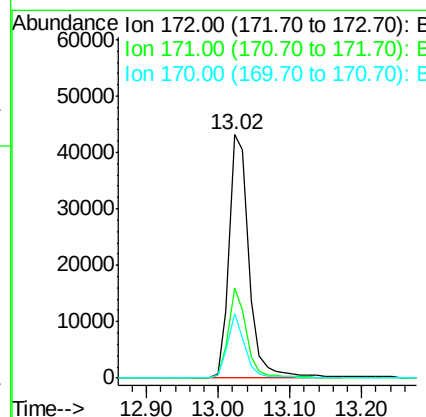
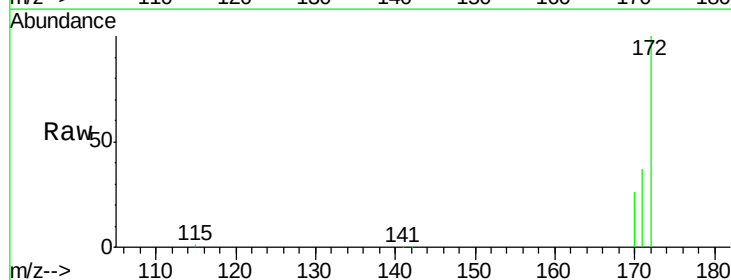
Instrument :
 BNA_E
 ClientSampleId :
 PB90668BL

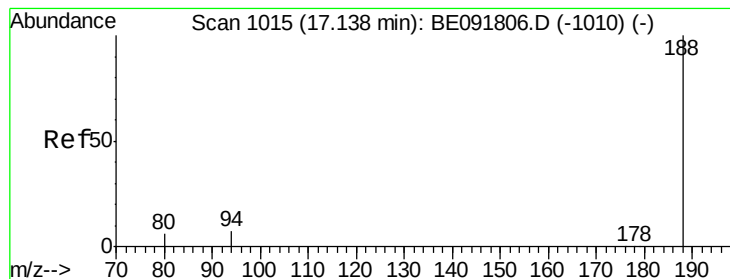
Tgt Ion:330 Resp: 22798
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.1 118.7
 141 41.1 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.82 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091810.D
 Acq: 19 May 2016 15:08

Tgt Ion:172 Resp: 83411
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.8 43.2
 170 26.4 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

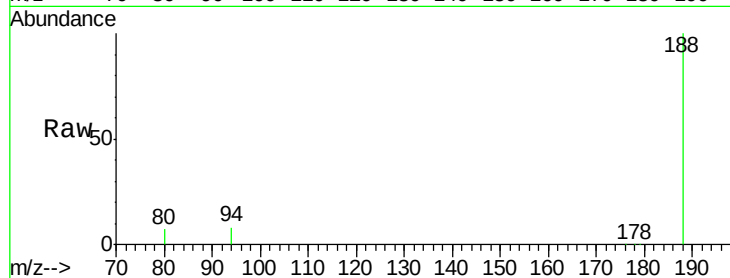
Tgt Ion:188 Resp: 215004

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

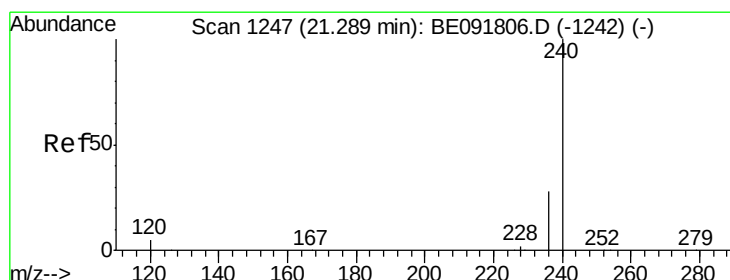
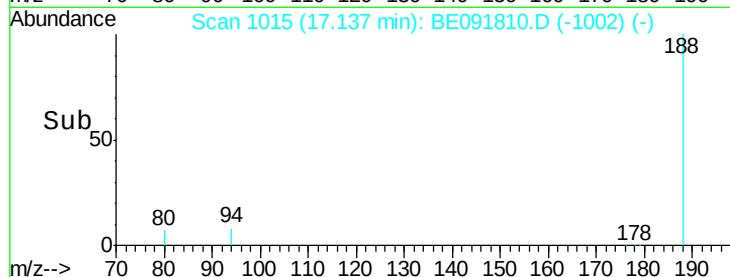
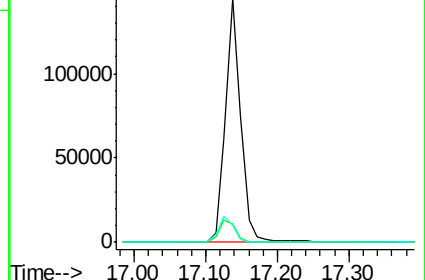
80 7.0 9.4 14.0#



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: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

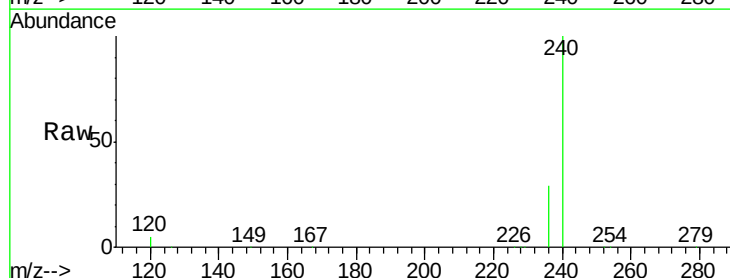
Tgt Ion:240 Resp: 276479

Ion Ratio Lower Upper

240 100

120 5.5 11.0 16.4#

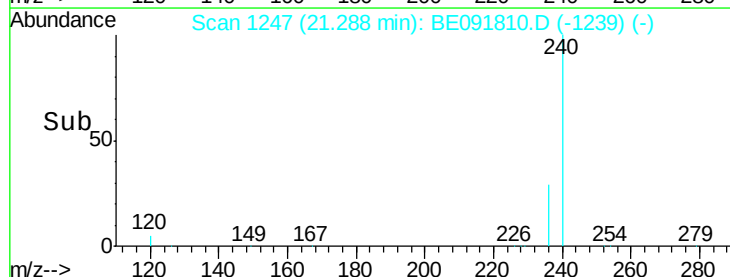
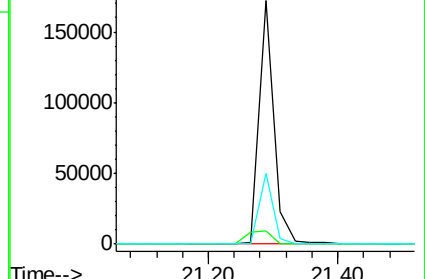
236 29.2 21.7 32.5

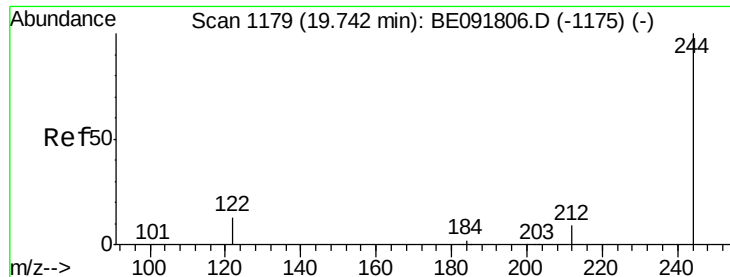


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.12 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

Instrument :

BNA_E

ClientSampleId :

PB90668BL

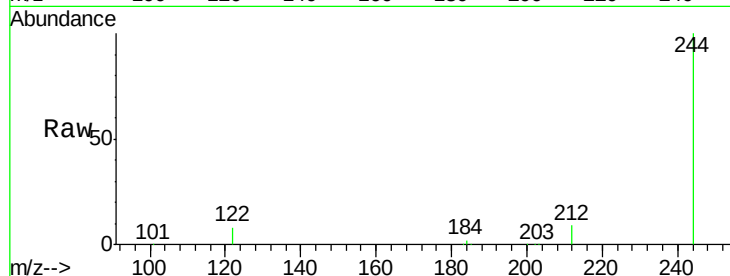
Tgt Ion:244 Resp: 161142

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

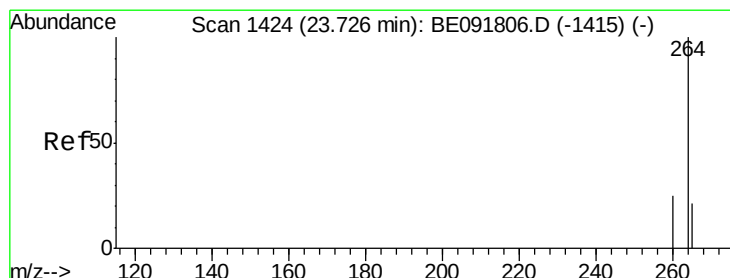
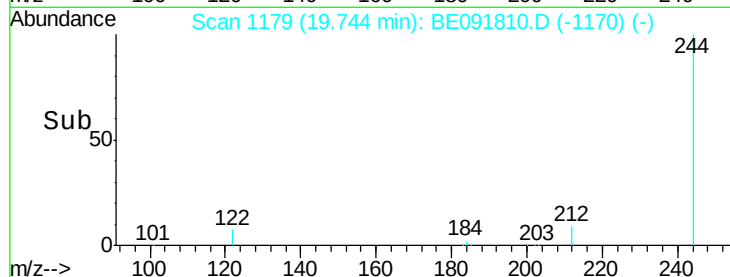
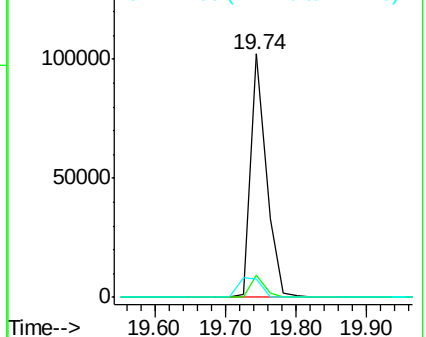
122 7.5 11.0 16.4#



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: 23.73 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BE091810.D

Acq: 19 May 2016 15:08

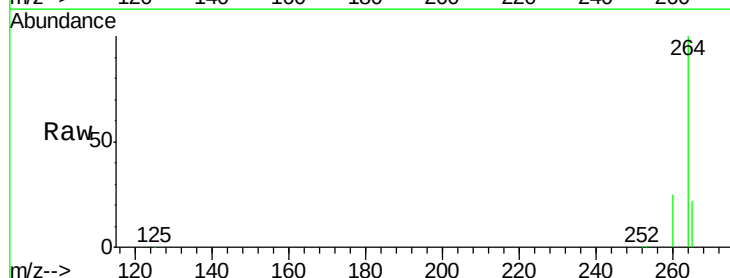
Tgt Ion:264 Resp: 241400

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.7 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

