

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091838.D
 Acq On : 20 May 2016 15:27
 Operator : UM/SJ
 Sample : H3153-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160517

Quant Time: May 20 17:21:53 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

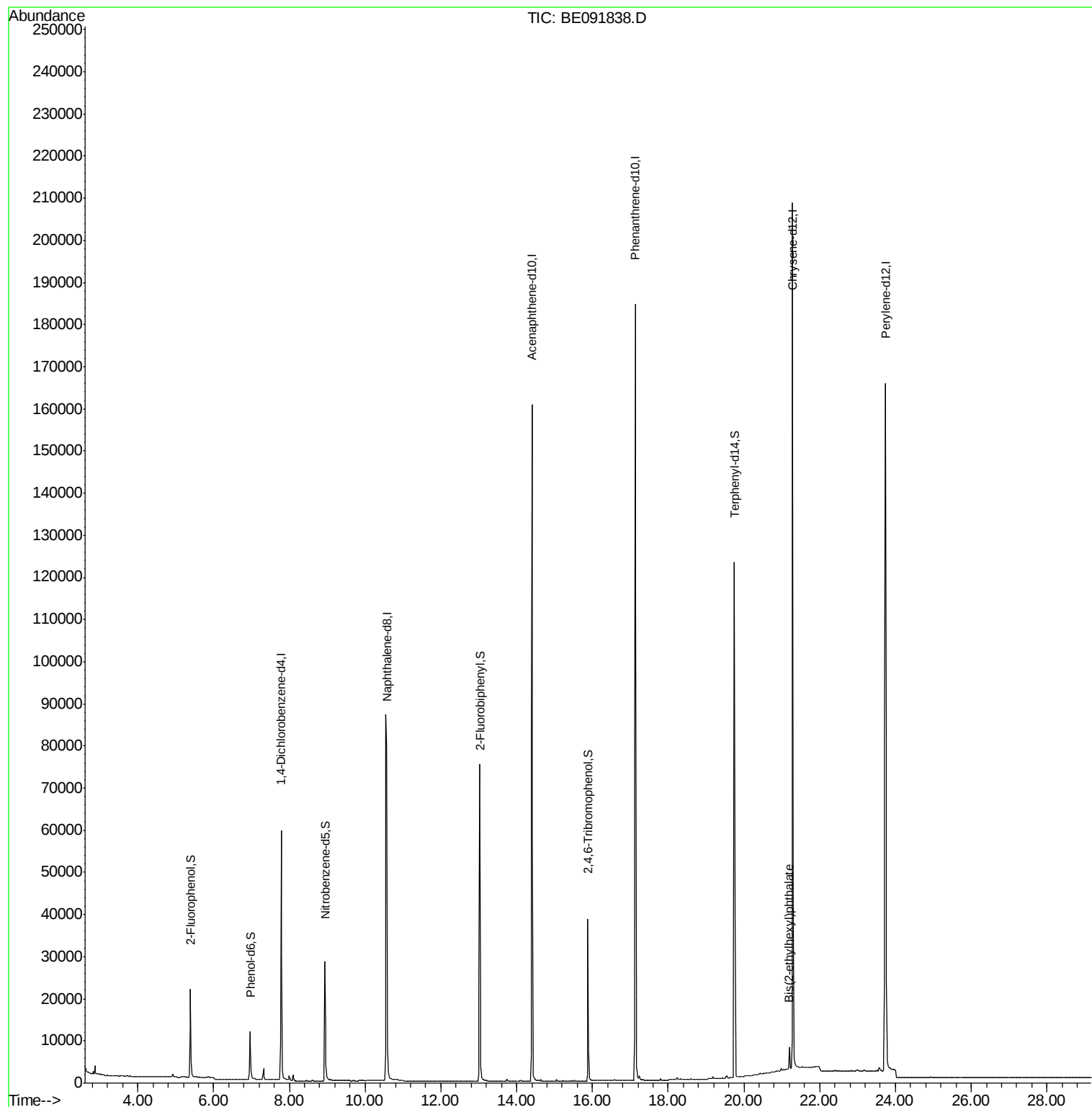
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	32103	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	165040	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	101506	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	268380	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	252237	5.00	ng	-0.02
35) Perylene-d12	23.74	264	256650	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	18682	2.23	ng	0.00
5) Phenol-d6	6.97	99	16671	1.41	ng	0.02
8) Nitrobenzene-d5	8.95	82	31864	2.91	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	26173	6.64	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	85469	2.98	ng	0.00
29) Terphenyl-d14	19.74	244	160572	4.50	ng	-0.02
Target Compounds						
33) Bis(2-ethylhexyl)phthalate	21.20	149	6059	0.41	ng	Qvalue # 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160517

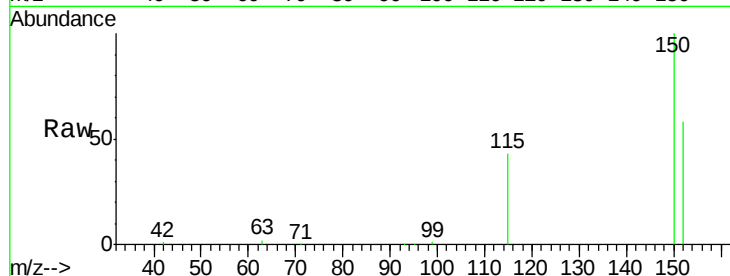
Tgt Ion:152 Resp: 32103

Ion Ratio Lower Upper

152 100

150 171.8 122.6 183.8

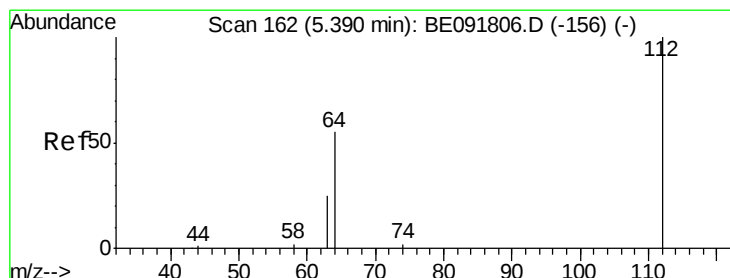
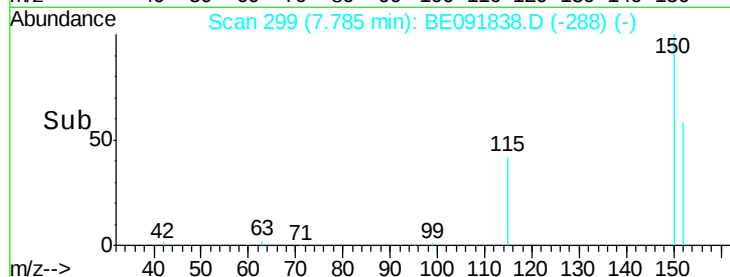
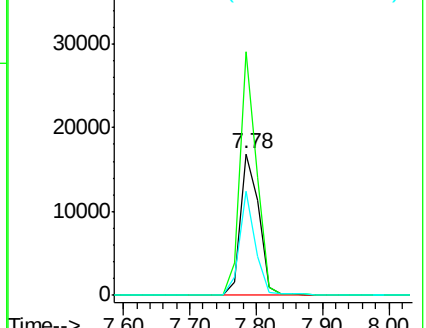
115 73.2 52.8 79.2



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: 2.23 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

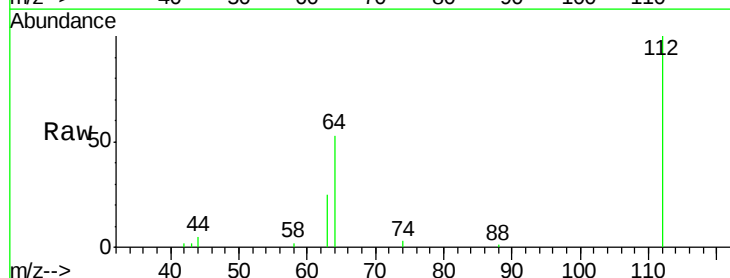
Tgt Ion:112 Resp: 18682

Ion Ratio Lower Upper

112 100

64 67.7 30.9 46.3#

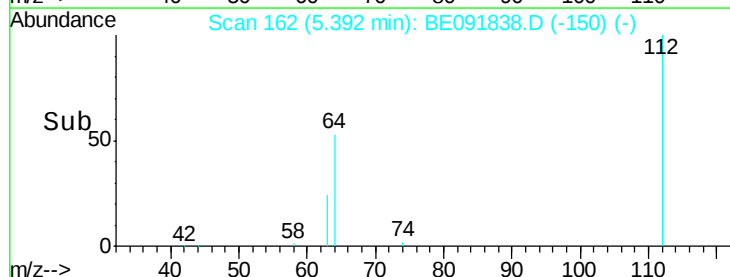
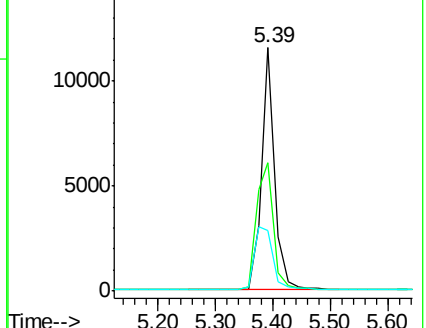
63 36.0 16.7 25.1#

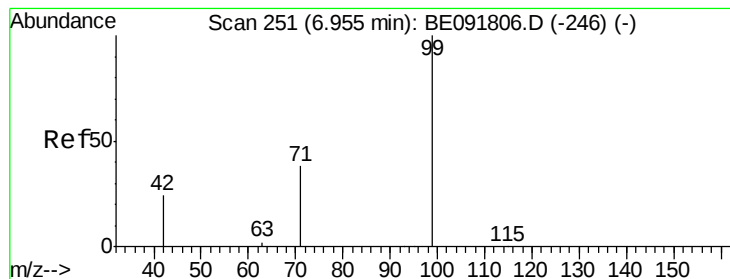


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.41 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

Instrument :

BNA_E

ClientSampleId :

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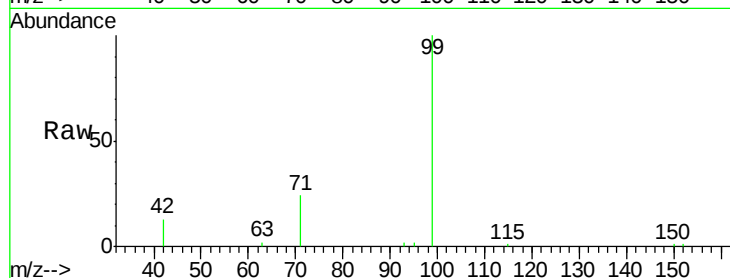
Tgt Ion: 99 Resp: 16671

Ion Ratio Lower Upper

99 100

42 23.1 16.2 24.2

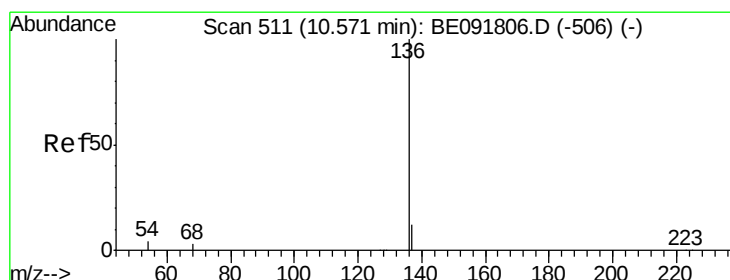
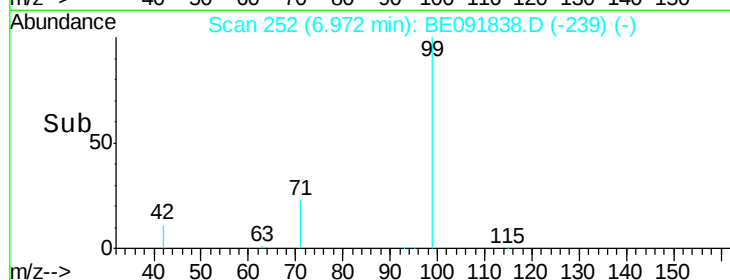
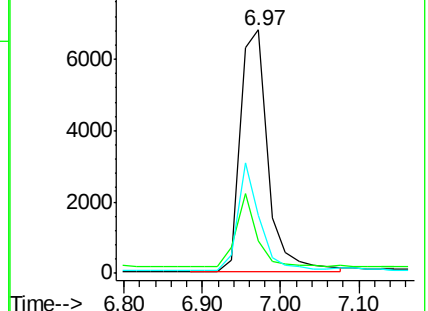
71 35.8 29.0 43.4



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

Tgt Ion: 136 Resp: 165040

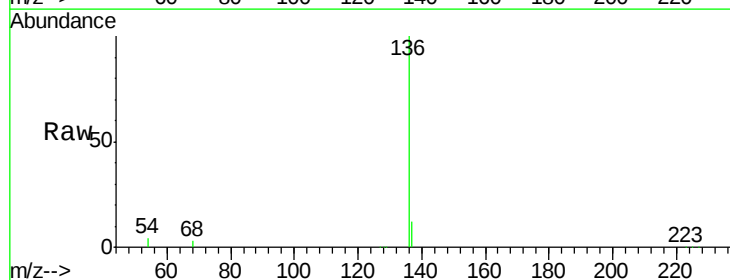
Ion Ratio Lower Upper

136 100

137 12.1 8.9 13.3

54 4.1 8.2 12.4#

68 3.5 6.2 9.4#

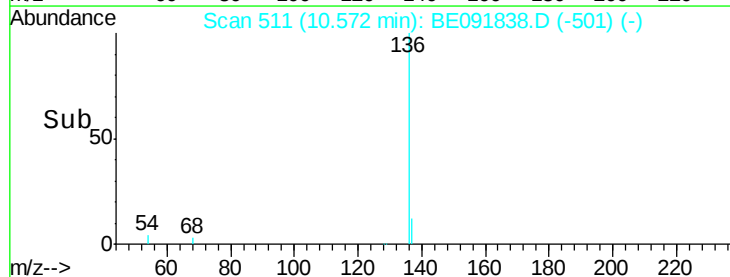
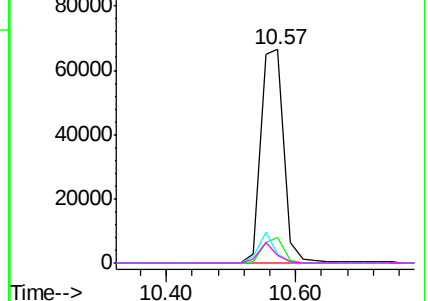


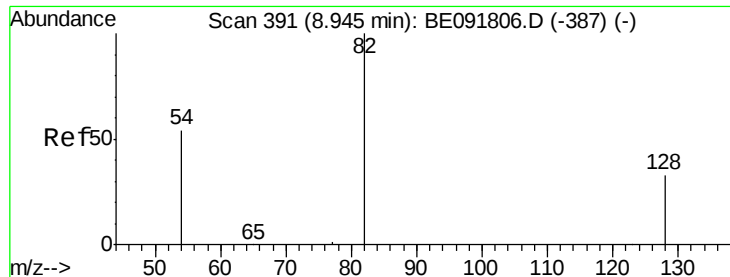
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.91 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160517

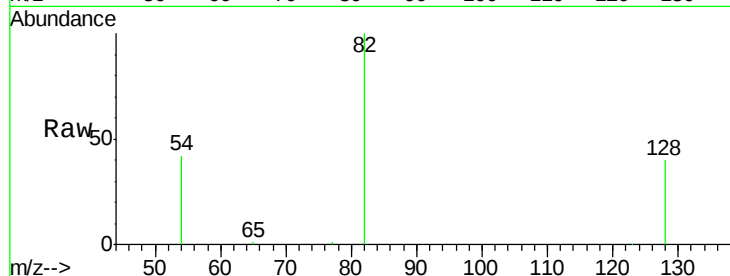
Tgt Ion: 82 Resp: 31864

Ion Ratio Lower Upper

82 100

128 40.2 25.4 38.0#

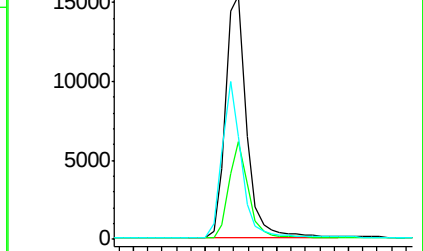
54 42.2 48.4 72.6#



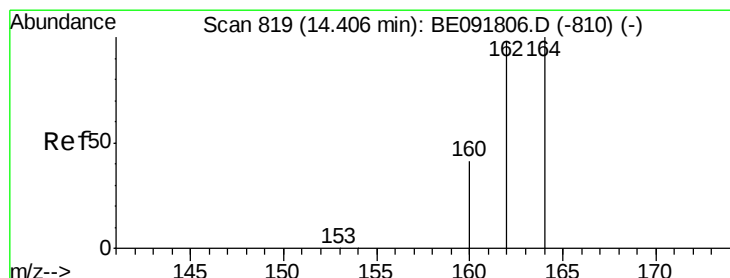
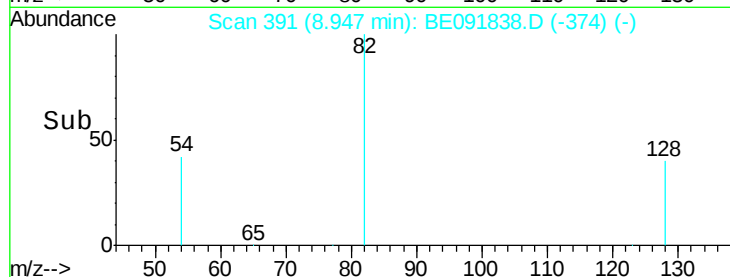
Abundance Ion 82.00 (81.70 to 82.70): BE091806.D (-387) (-)

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

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



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

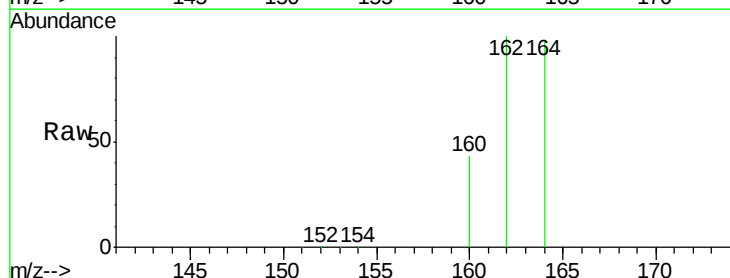
Tgt Ion: 164 Resp: 101506

Ion Ratio Lower Upper

164 100

162 101.6 85.3 127.9

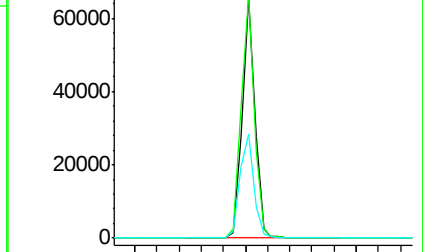
160 43.6 46.2 69.2#



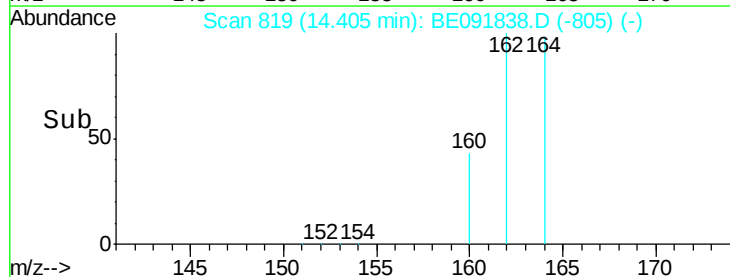
Abundance Ion 164.00 (163.70 to 164.70): BE091806.D (-810) (-)

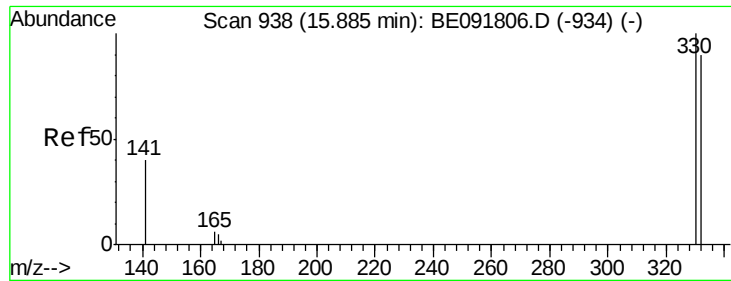
Ion 162.00 (161.70 to 162.70): BE091806.D (-810) (-)

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



Time-->

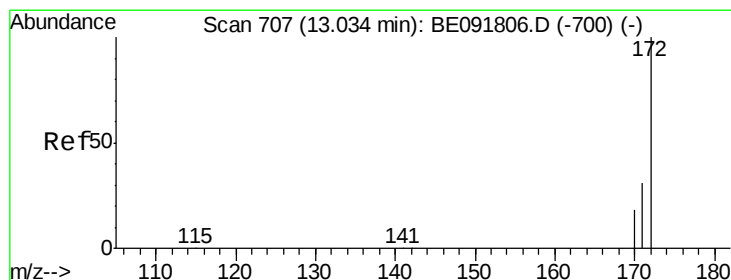
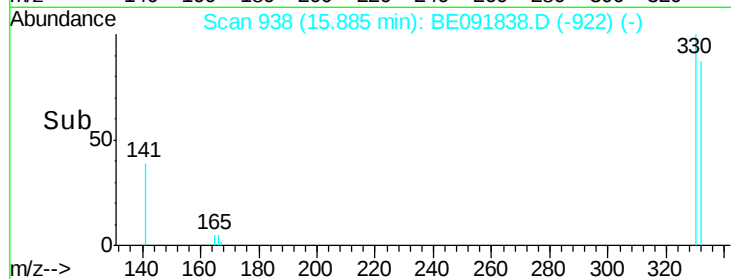
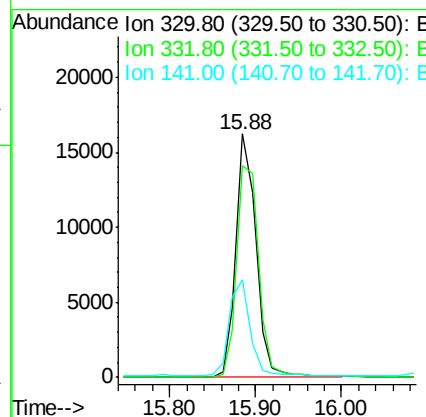
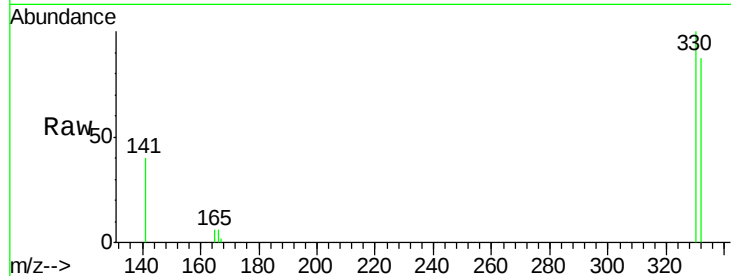




#14
 2,4,6-Tribromophenol
 Concen: 6.64 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091838.D
 Acq: 20 May 2016 15:27

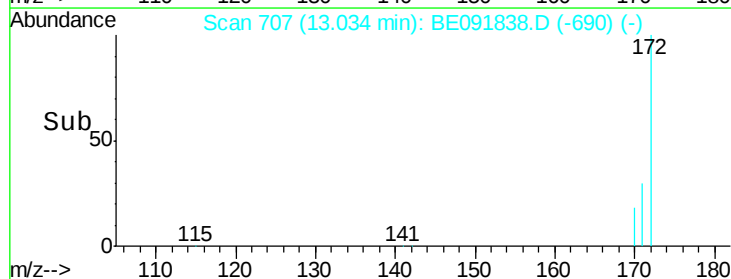
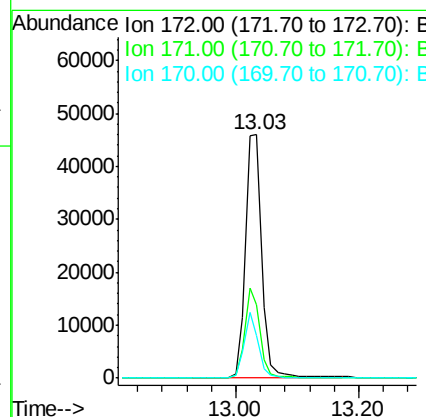
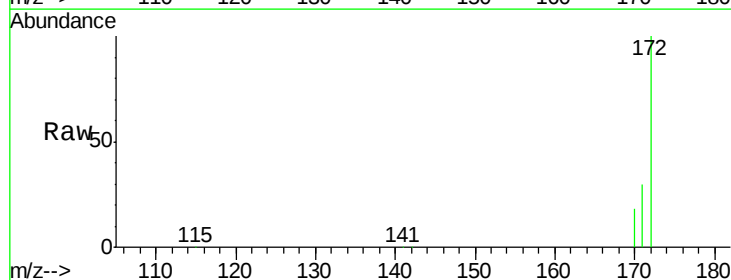
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160517

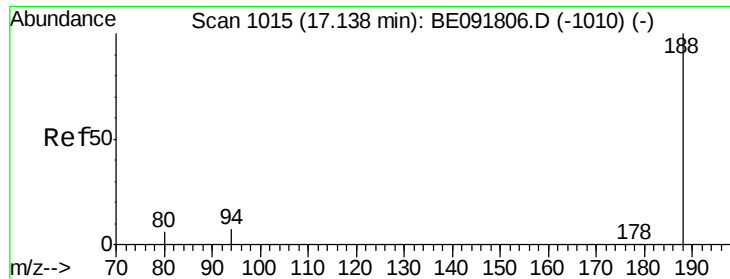
Tgt Ion:330 Resp: 26173
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.1 118.7
 141 41.5 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 2.98 ng
 RT: 13.03 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BE091838.D
 Acq: 20 May 2016 15:27

Tgt Ion:172 Resp: 85469
 Ion Ratio Lower Upper
 172 100
 171 30.1 28.8 43.2
 170 17.7 19.3 28.9#

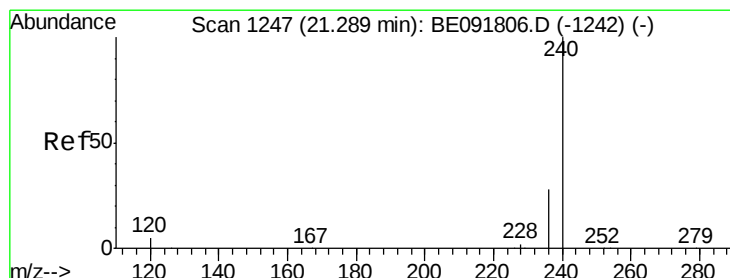
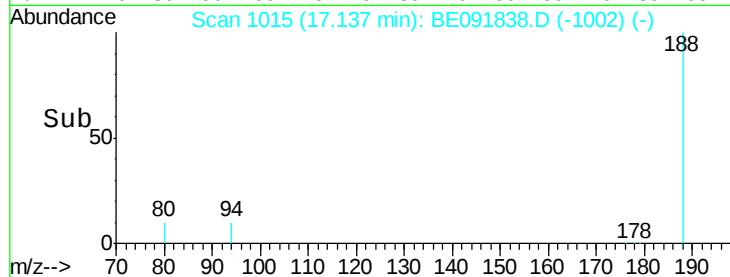
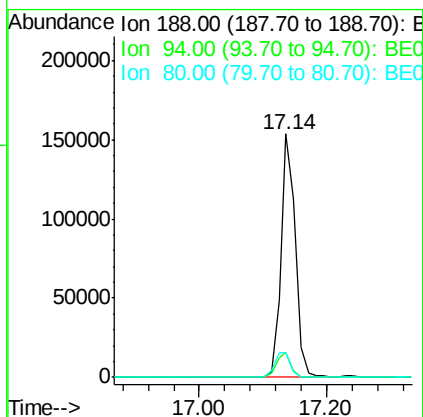
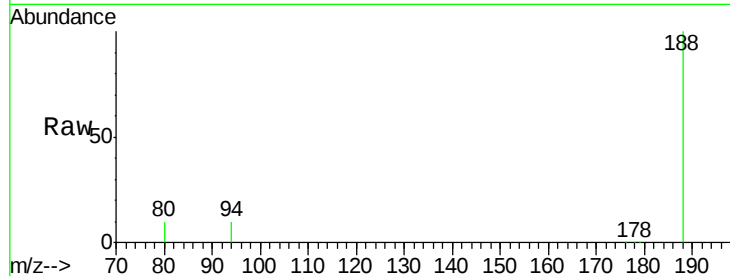




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091838.D
Acq: 20 May 2016 15:27

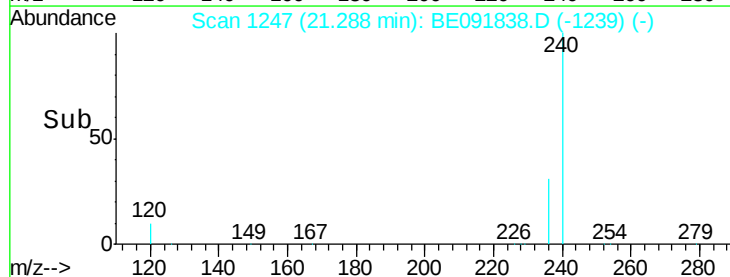
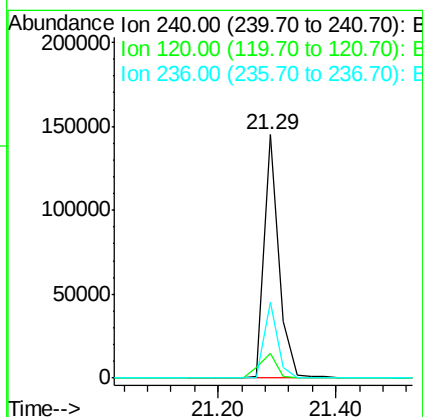
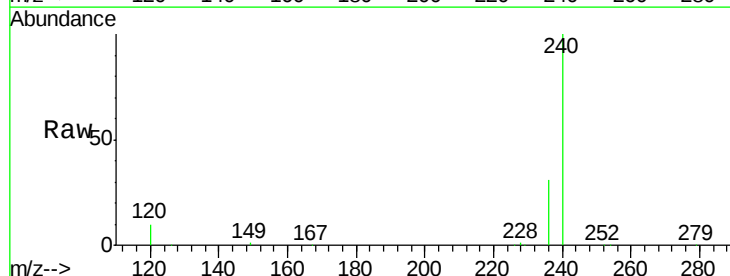
Instrument :
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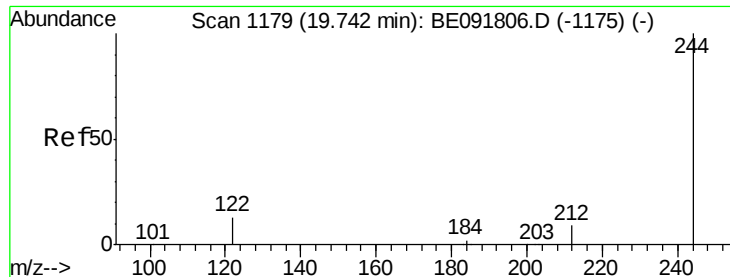
Tgt Ion:188 Resp: 268380
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 9.9 9.4 14.0



#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091838.D
Acq: 20 May 2016 15:27

Tgt Ion:240 Resp: 252237
Ion Ratio Lower Upper
240 100
120 10.1 11.0 16.4#
236 31.2 21.7 32.5





#29

Terphenyl-d14

Concen: 4.50 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160517

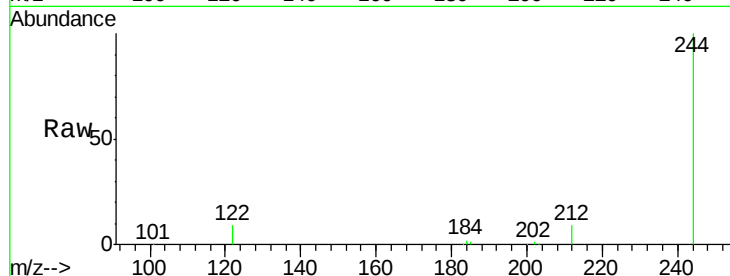
Tgt Ion:244 Resp: 160572

Ion Ratio Lower Upper

244 100

212 9.4 6.9 10.3

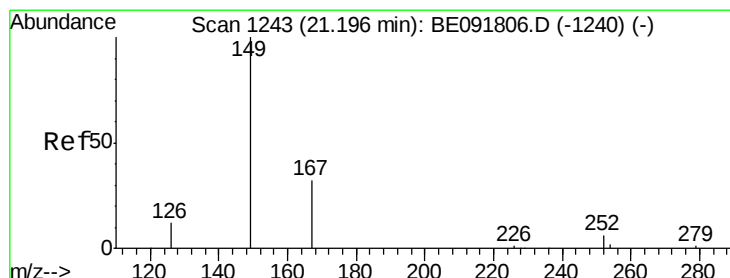
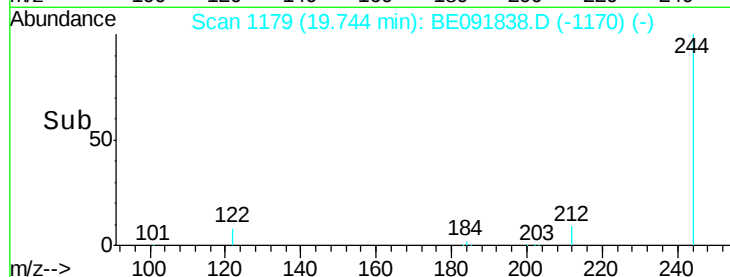
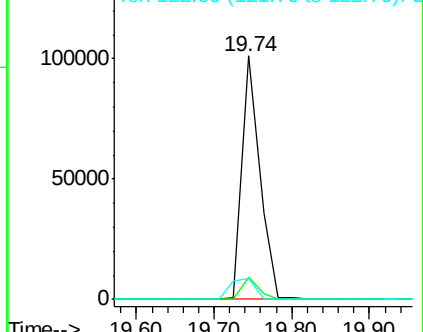
122 8.6 11.0 16.4#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.41 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

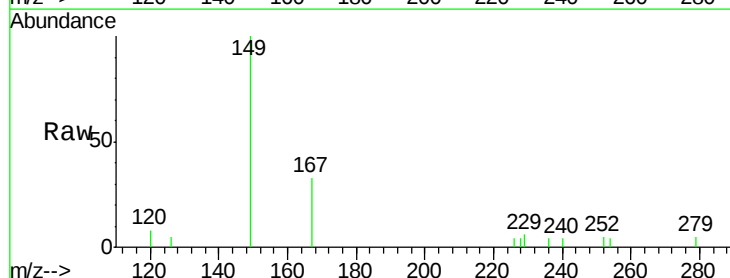
Tgt Ion:149 Resp: 6059

Ion Ratio Lower Upper

149 100

167 32.4 19.5 29.3#

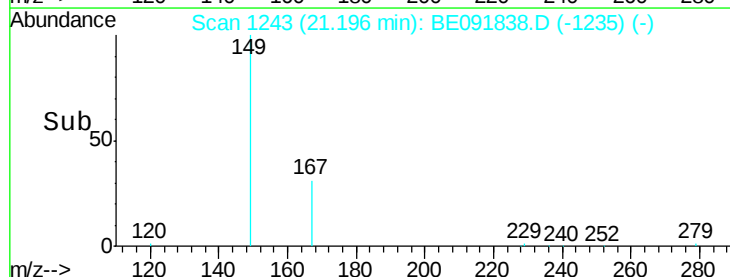
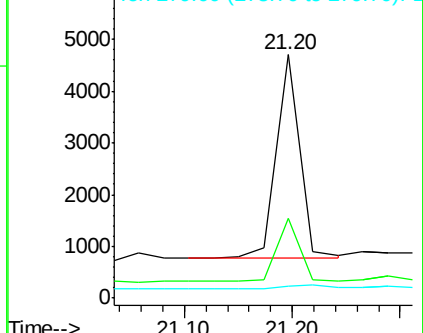
279 0.0 10.0 15.0#

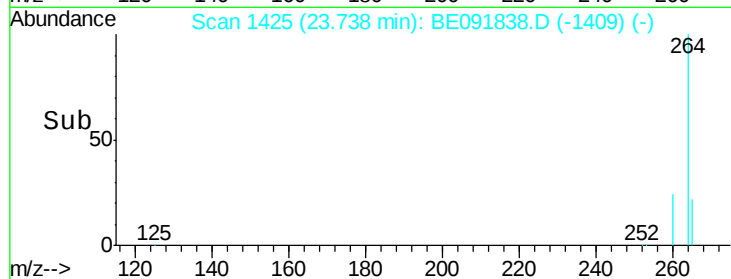
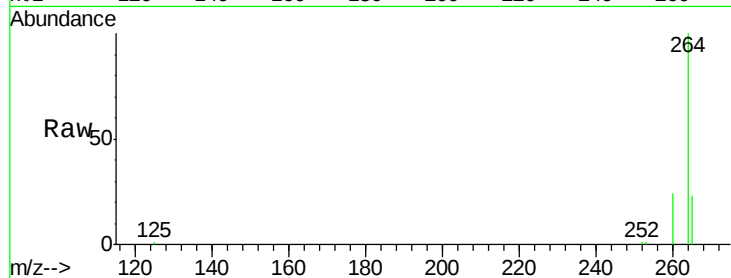
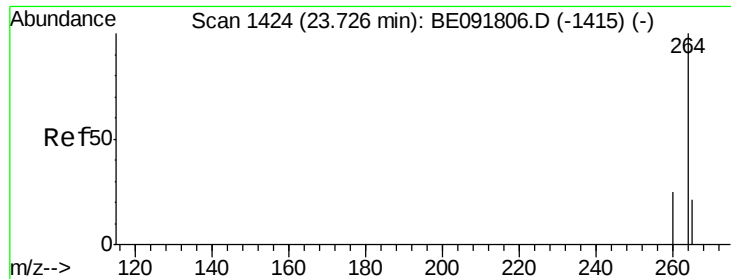


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091838.D

Acq: 20 May 2016 15:27

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160517

Tgt Ion: 264 Resp: 256650

Ion Ratio Lower Upper

264 100

260 23.8 20.0 30.0

265 23.5 17.5 26.3

