

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091828.D
 Acq On : 20 May 2016 2:19
 Operator : UM/SJ
 Sample : H3065-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-160511

Quant Time: May 20 14:54:06 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

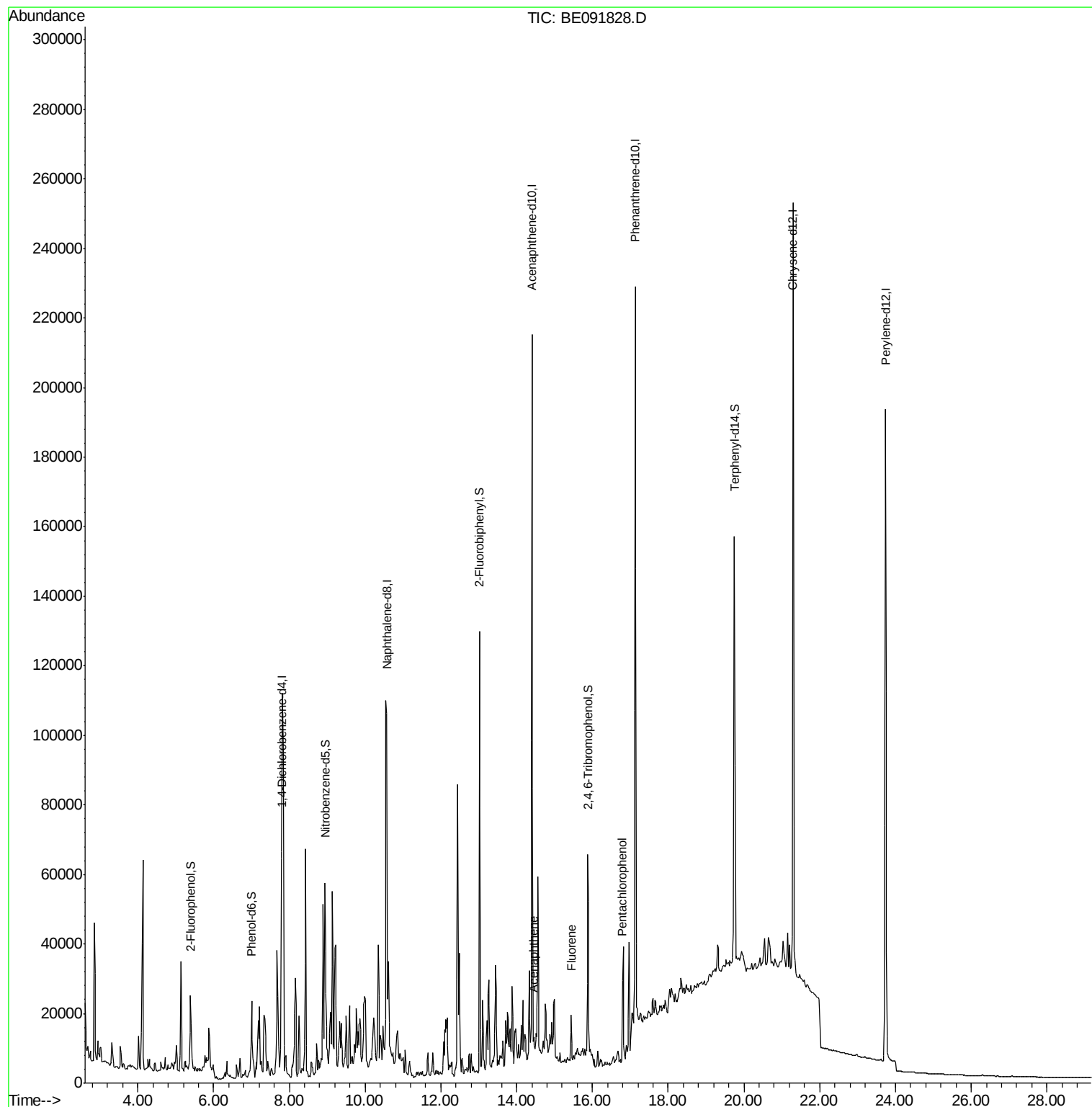
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35760	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	186988	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	119162	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	260511	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	268599	5.00	ng	-0.02
35) Perylene-d12	23.74	264	273795	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	25467	2.73	ng	0.00
5) Phenol-d6	7.01	99	25561	1.94	ng	0.05
8) Nitrobenzene-d5	8.95	82	53438	4.31	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	36981	7.99	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	119227	3.54	ng	0.00
29) Terphenyl-d14	19.74	244	176184	4.63	ng	-0.02
Target Compounds						
17) Acenaphthene	14.46	154	3217	0.10	ng	# 68
18) Fluorene	15.44	166	8760	0.21	ng	# 90
22) Pentachlorophenol	16.79	266	181	0.04	ng	# 85

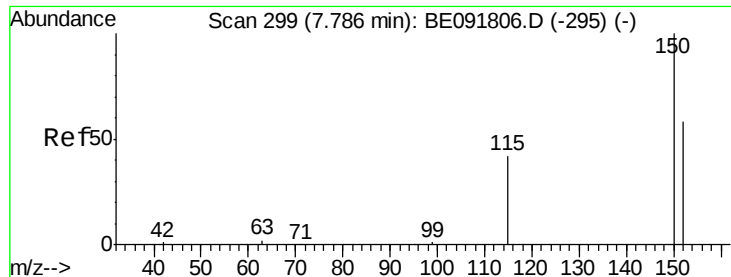
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

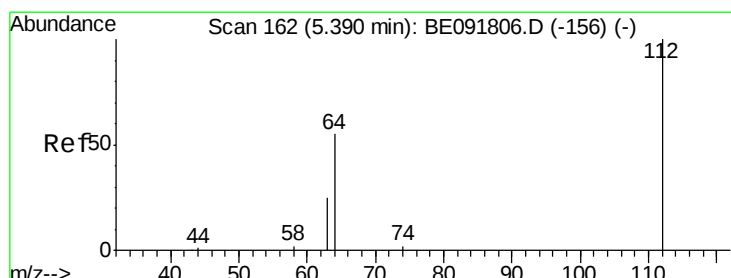
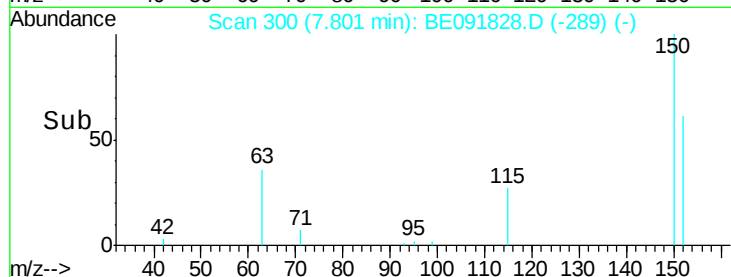
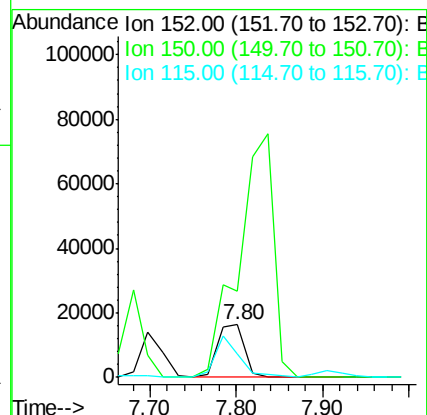
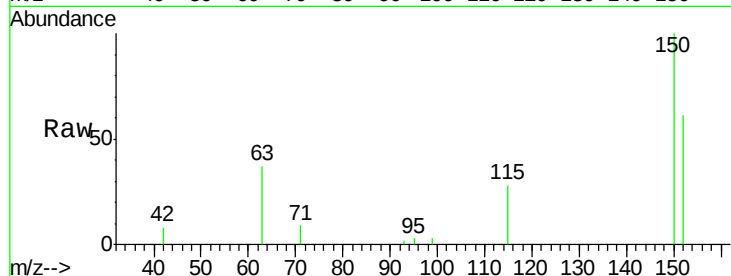
Tgt Ion:152 Resp: 35760

Ion Ratio Lower Upper

152 100

150 163.2 122.6 183.8

115 45.6 52.8 79.2#



#4

2-Fluorophenol

Concen: 2.73 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

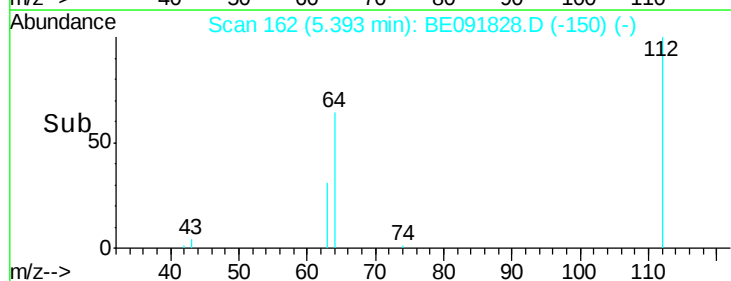
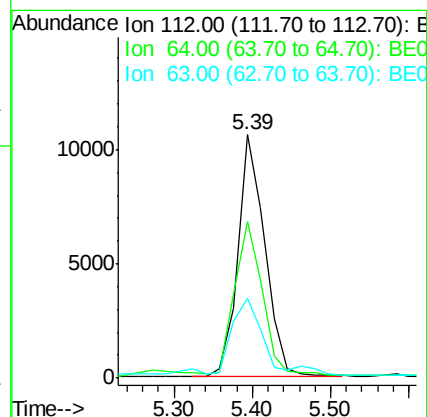
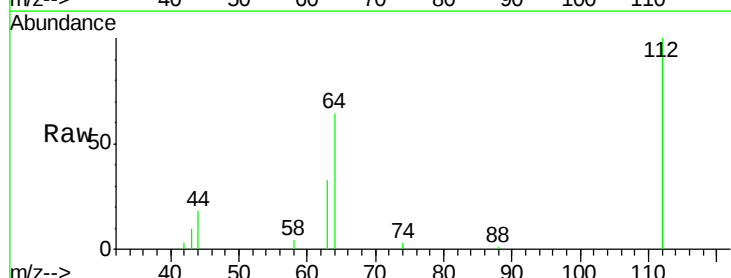
Tgt Ion:112 Resp: 25467

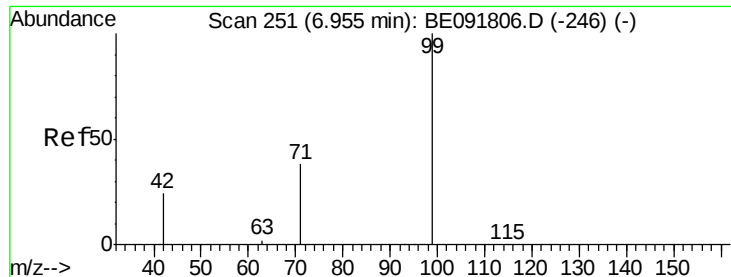
Ion Ratio Lower Upper

112 100

64 64.2 30.9 46.3#

63 34.8 16.7 25.1#





#5

Phenol-d6

Concen: 1.94 ng

RT: 7.01 min Scan# 254

Delta R.T. 0.05 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

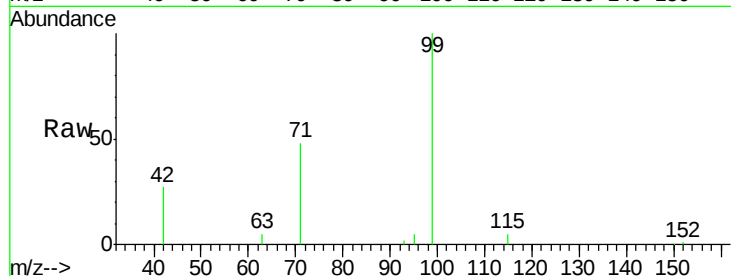
Tgt Ion: 99 Resp: 25561

Ion Ratio Lower Upper

99 100

42 29.5 16.2 24.2#

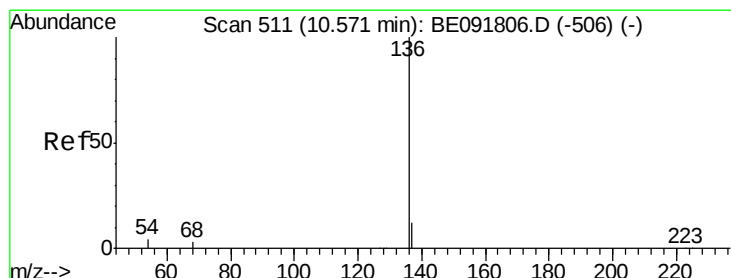
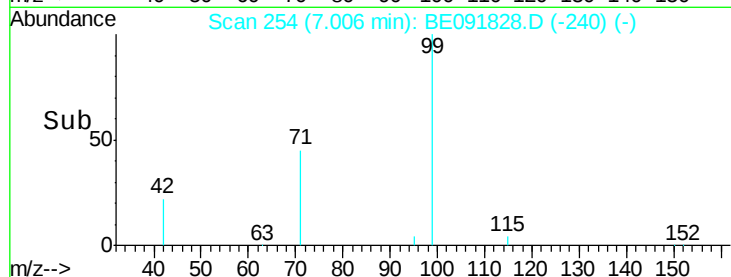
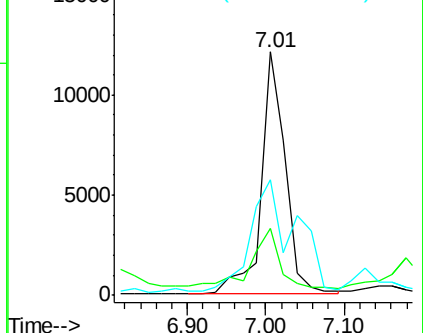
71 85.4 29.0 43.4#



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Tgt Ion: 136 Resp: 186988

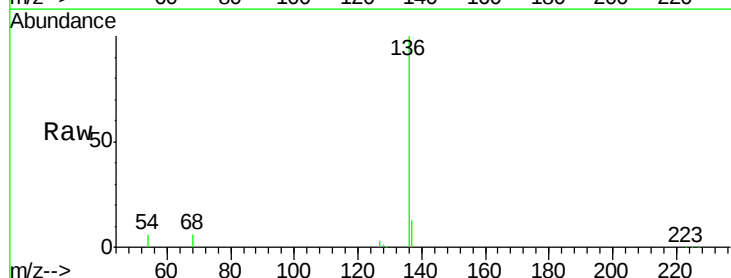
Ion Ratio Lower Upper

136 100

137 12.5 8.9 13.3

54 6.1 8.2 12.4#

68 6.1 6.2 9.4#

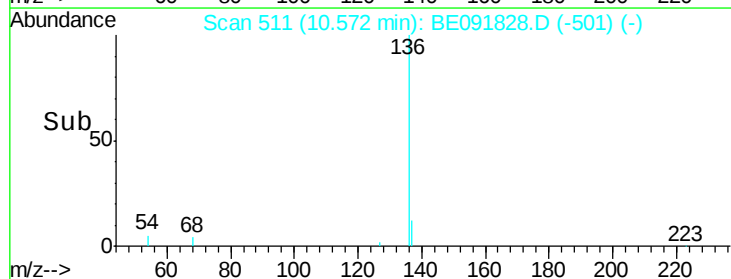
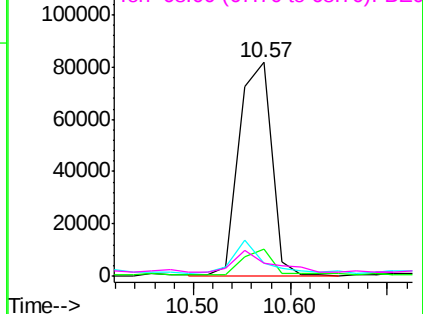


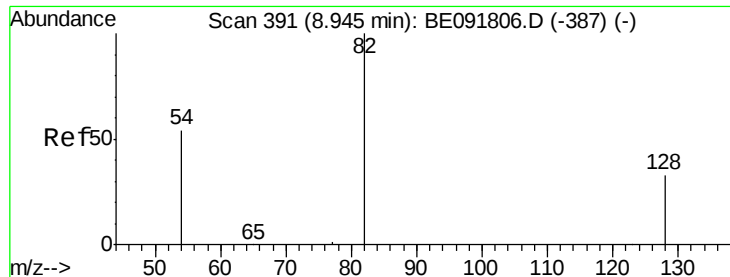
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.31 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

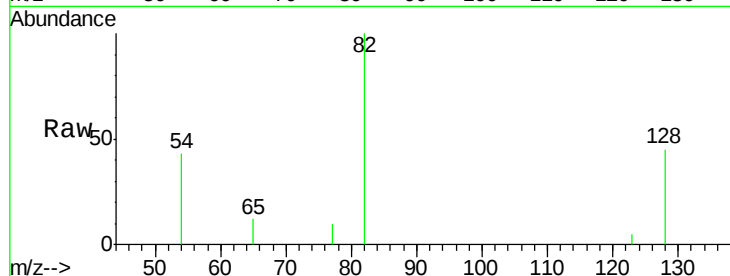
Tgt Ion: 82 Resp: 53438

Ion Ratio Lower Upper

82 100

128 45.4 25.4 38.0#

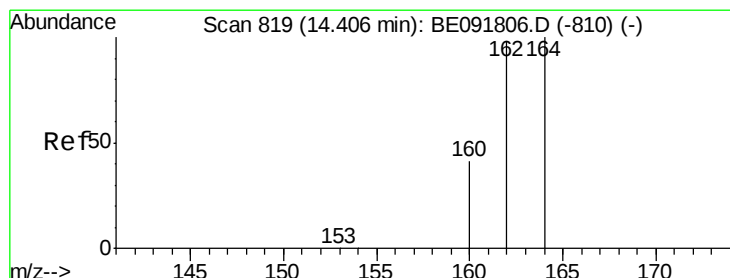
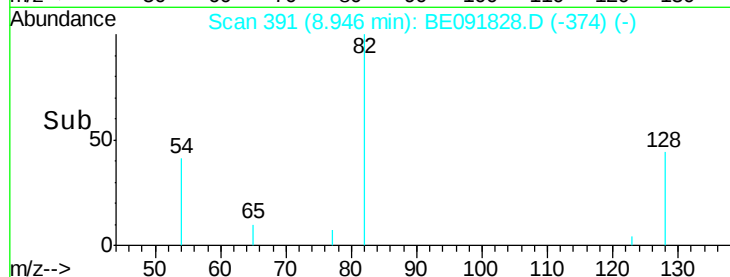
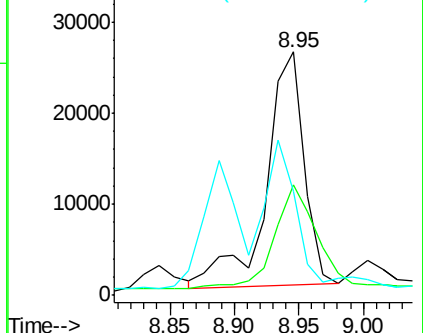
54 43.0 48.4 72.6#



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: 14.40 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

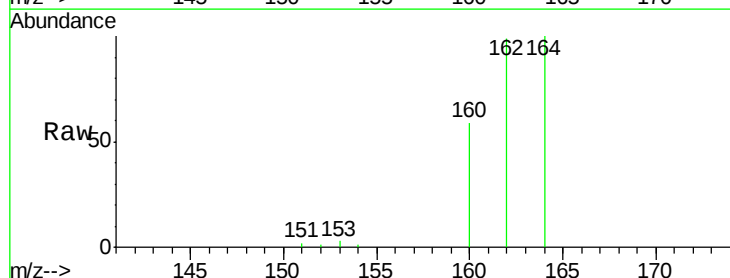
Tgt Ion: 164 Resp: 119162

Ion Ratio Lower Upper

164 100

162 99.2 85.3 127.9

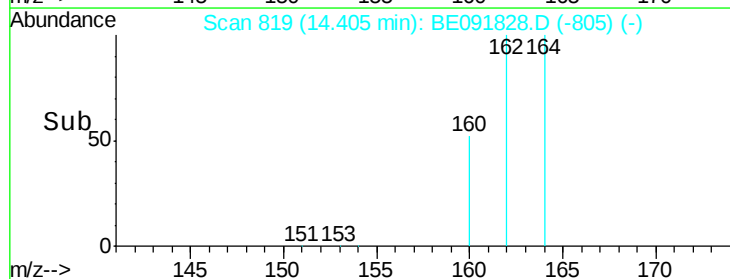
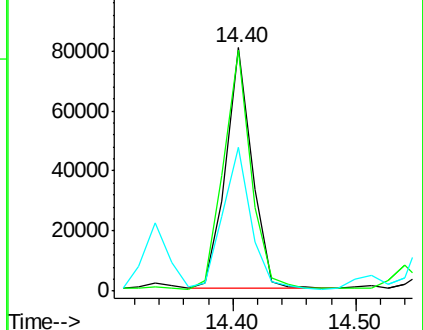
160 58.8 46.2 69.2

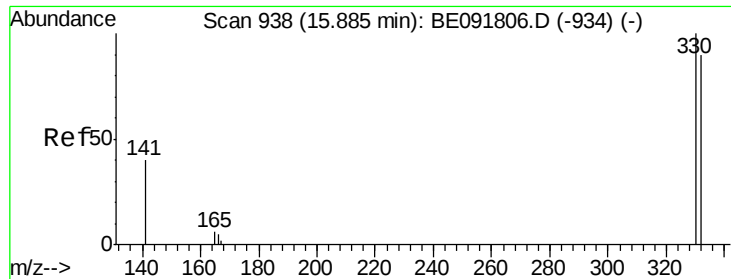


Abundance Ion 164.00 (163.70 to 164.70): BE091806.D (-810) (-)

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

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

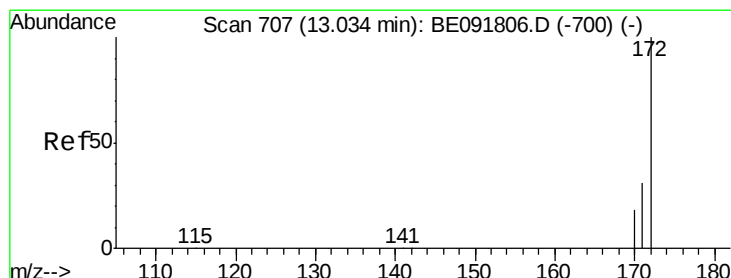
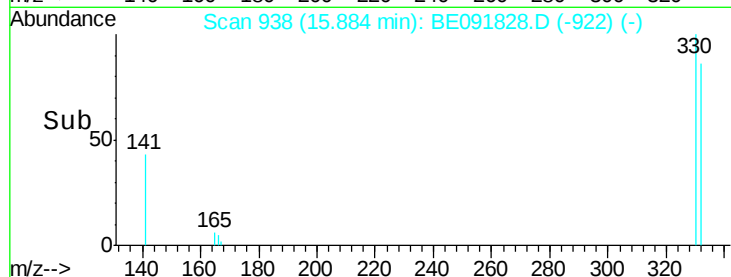
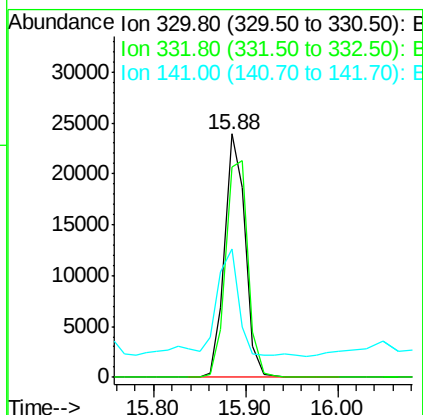
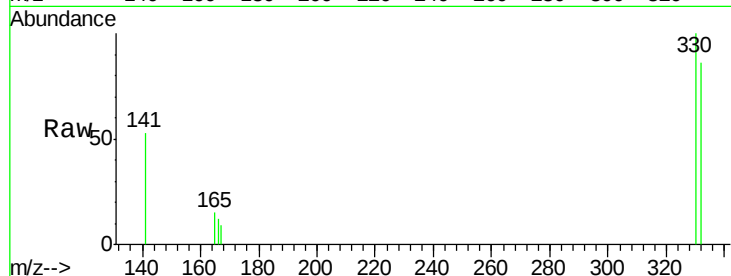




#14
 2,4,6-Tribromophenol
 Concen: 7.99 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091828.D
 Acq: 20 May 2016 2:19

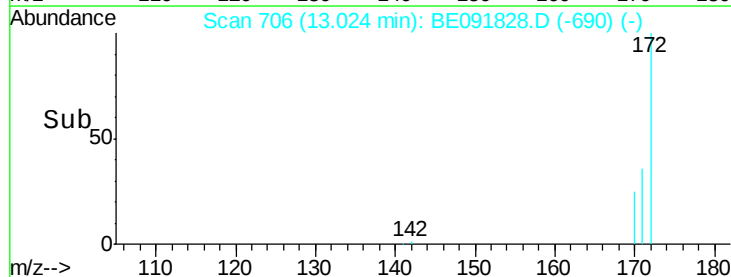
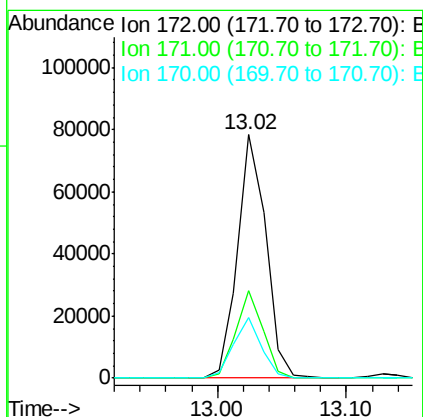
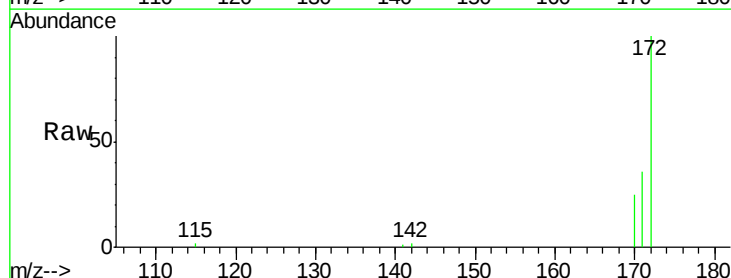
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-160511

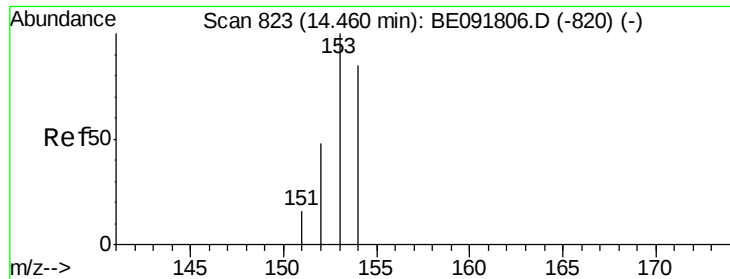
Tgt Ion:330 Resp: 36981
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.1 118.7
 141 50.0 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.54 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091828.D
 Acq: 20 May 2016 2:19

Tgt Ion:172 Resp: 119227
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 24.6 19.3 28.9





#17

Acenaphthene

Concen: 0.10 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

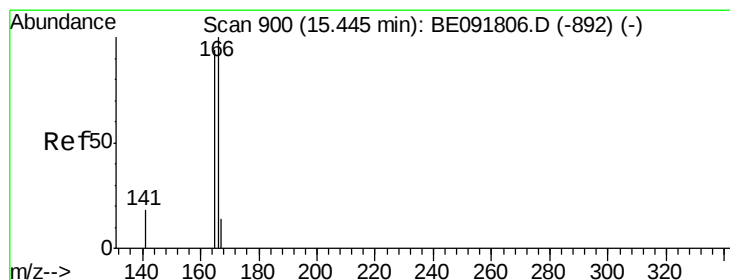
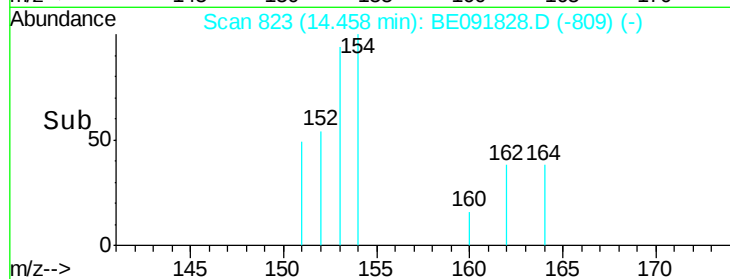
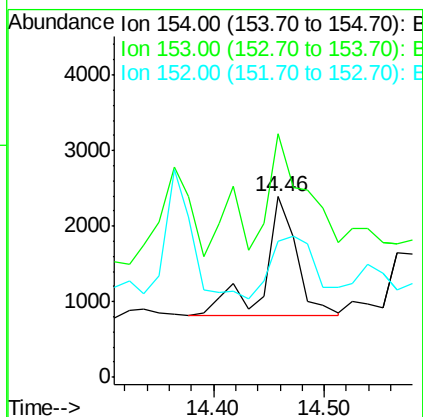
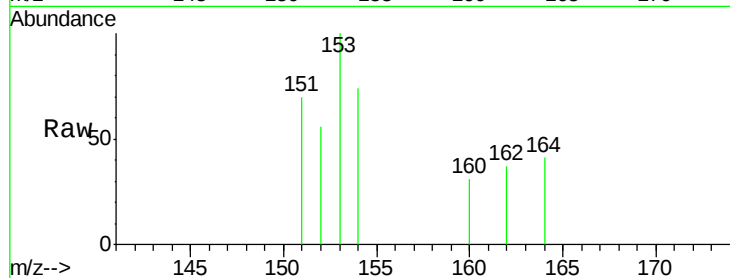
Tgt Ion:154 Resp: 3217

Ion Ratio Lower Upper

154 100

153 132.6 80.0 120.0#

152 71.5 40.0 60.0#



#18

Fluorene

Concen: 0.21 ng

RT: 15.44 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

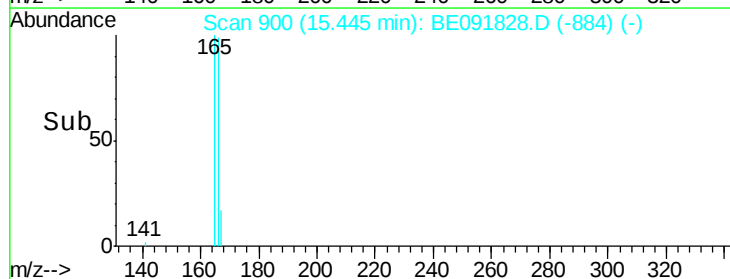
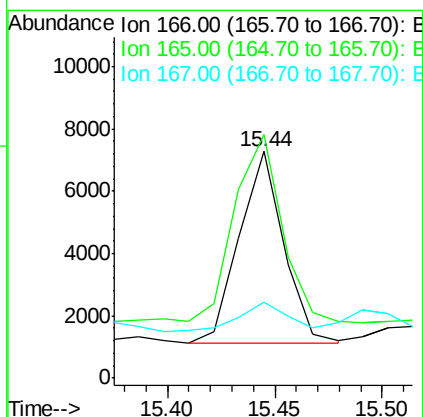
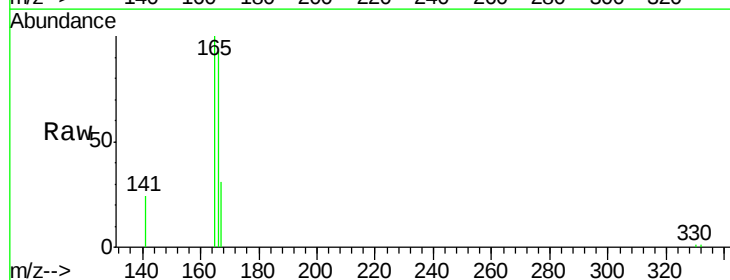
Tgt Ion:166 Resp: 8760

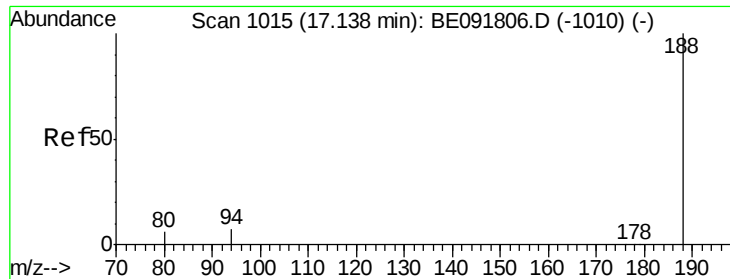
Ion Ratio Lower Upper

166 100

165 110.7 80.8 121.2

167 17.5 10.9 16.3#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

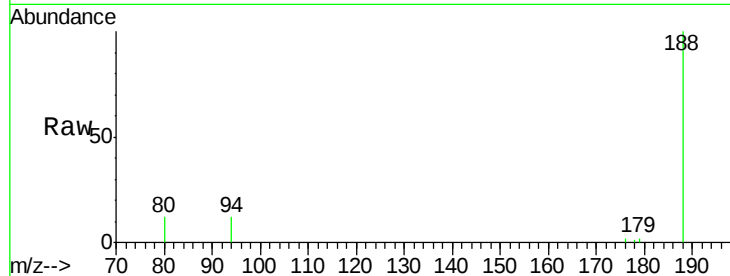
Tgt Ion:188 Resp: 260511

Ion Ratio Lower Upper

188 100

94 12.4 8.7 13.1

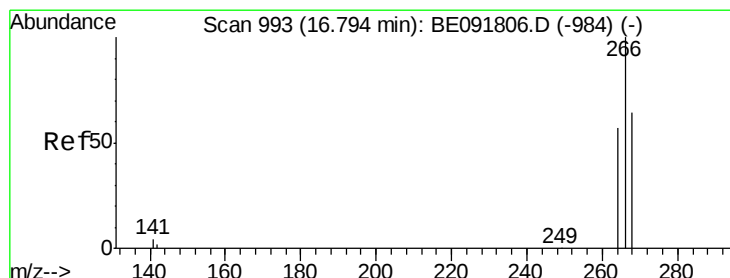
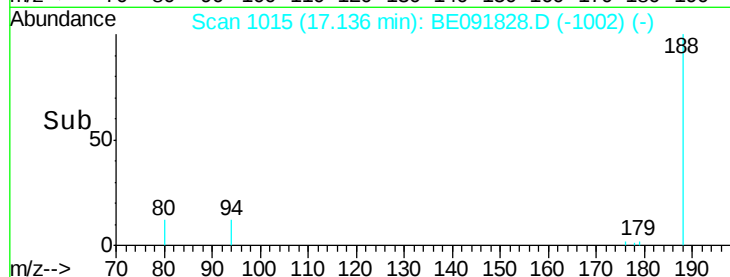
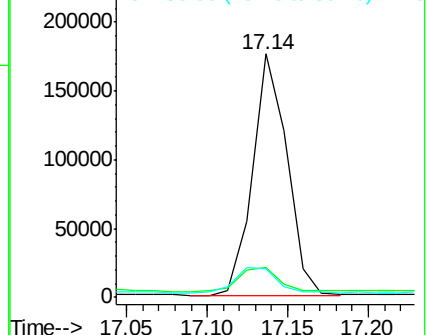
80 11.7 9.4 14.0



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



#22

Pentachlorophenol

Concen: 0.04 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

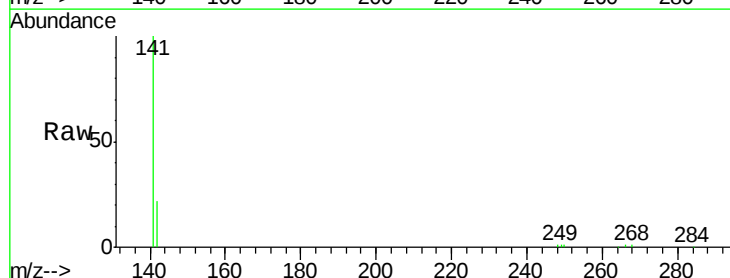
Tgt Ion:266 Resp: 181

Ion Ratio Lower Upper

266 100

268 93.0 58.2 87.2#

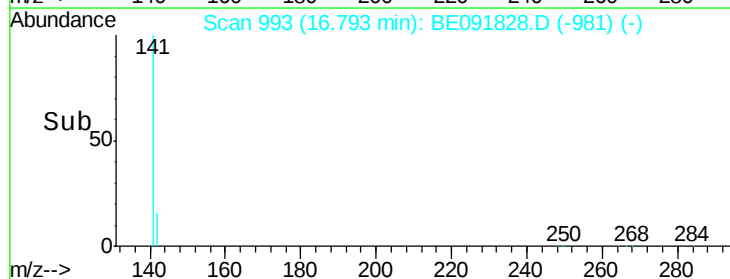
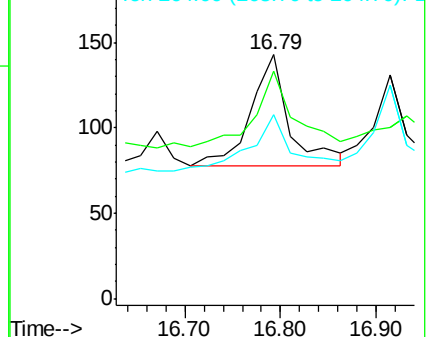
264 75.5 56.2 84.4

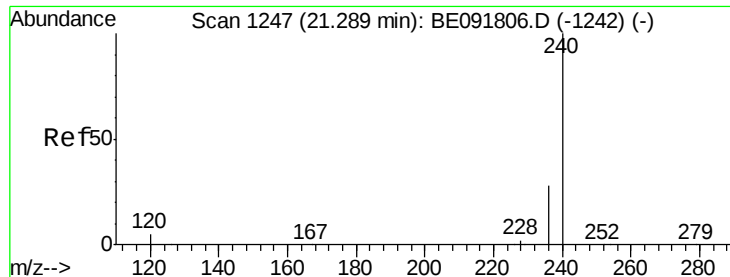


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

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SS043MW009-160511

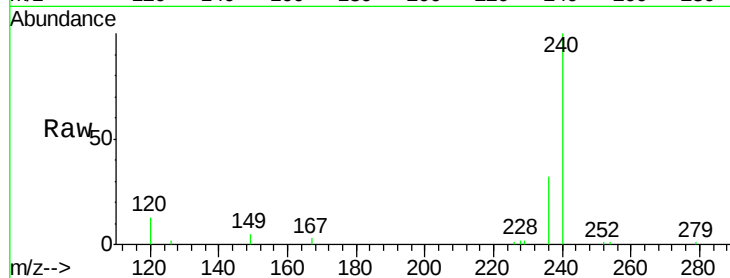
Tgt Ion:240 Resp: 268599

Ion Ratio Lower Upper

240 100

120 12.6 11.0 16.4

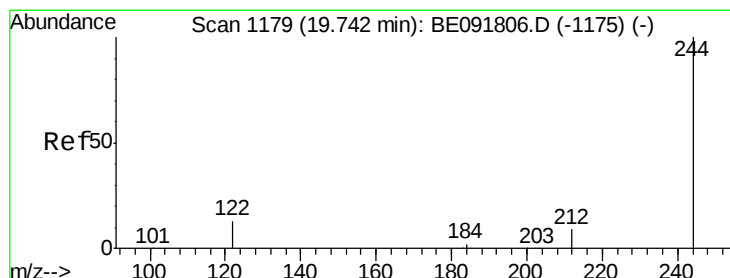
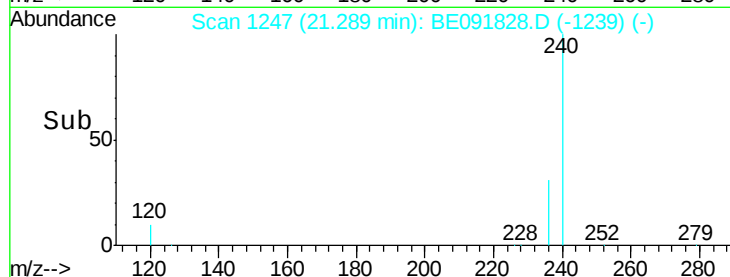
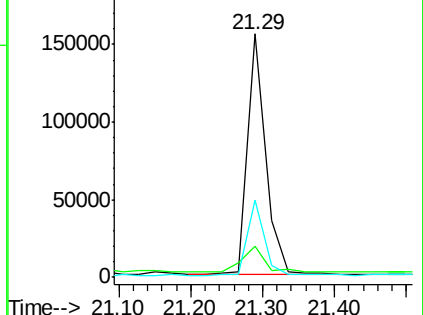
236 31.9 21.7 32.5



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: 4.63 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

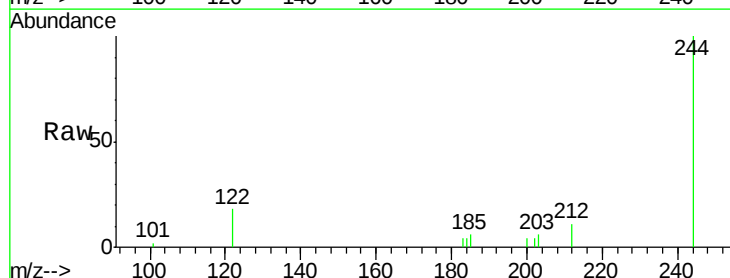
Tgt Ion:244 Resp: 176184

Ion Ratio Lower Upper

244 100

212 11.2 6.9 10.3#

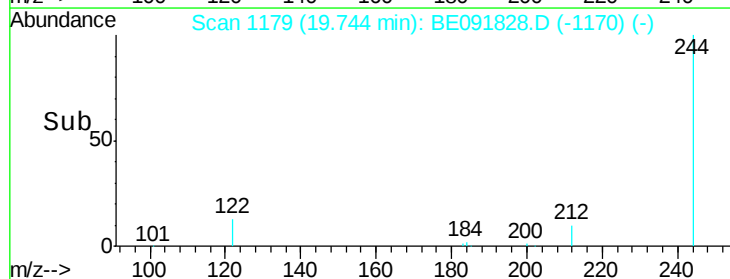
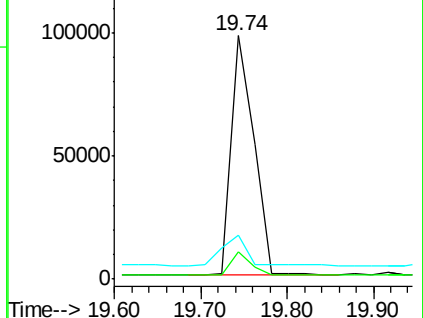
122 18.2 11.0 16.4#

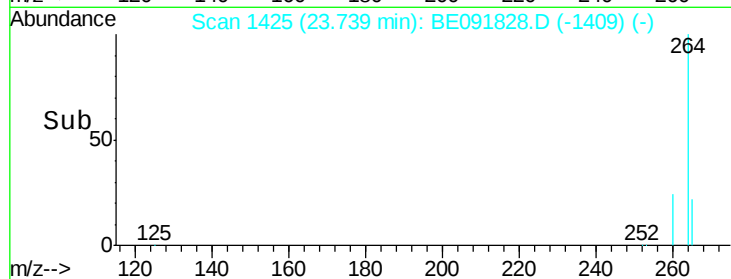
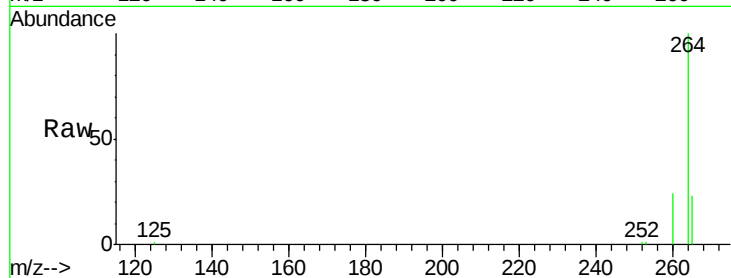
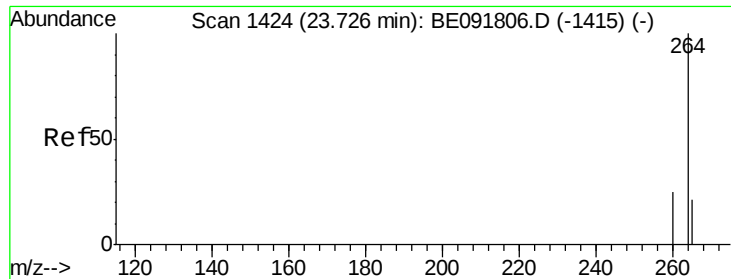


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091828.D

Acq: 20 May 2016 2:19

Instrument :

BNA_E

ClientSampleId :

SS043MW009-160511

Tgt Ion: 264 Resp: 273795

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 23.4 17.5 26.3

