

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051217\
 Data File : BE093016.D
 Acq On : 12 May 2017 13:56
 Operator : SJ/MA
 Sample : I3079-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-170509

Quant Time: May 12 17:23:27 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

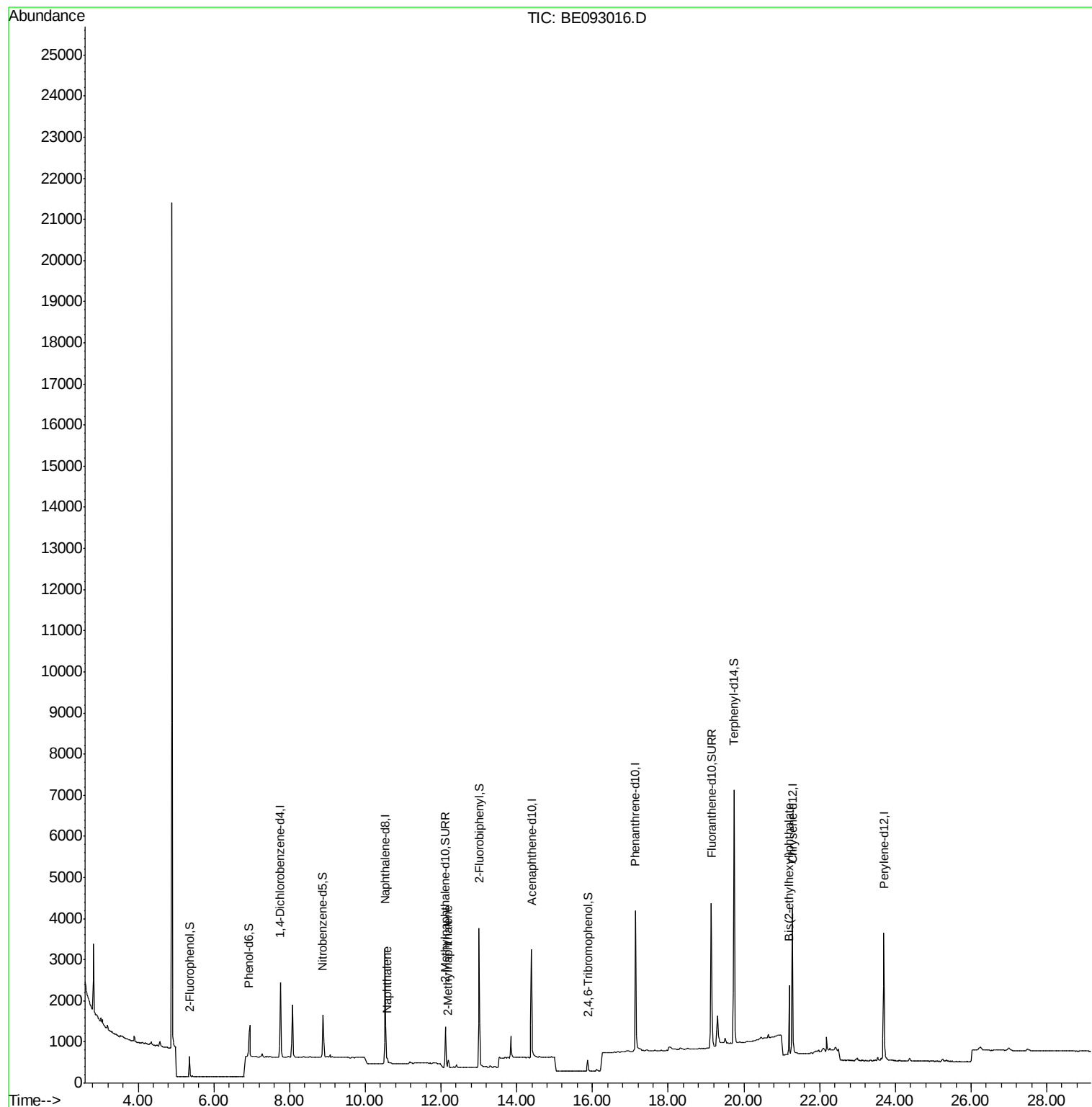
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	903	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3741	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1836	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5489	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5542	0.40	ng	0.00
34) Perylene-d12	23.69	264	4790	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	359	0.14	ng	0.00
5) Phenol-d6	6.92	99	294	0.09	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1067	0.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	1663	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	197	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3224	0.44	ng	0.00
25) Fluoranthene-d10	19.14	212	4841	0.33	ng	-0.02
29) Terphenyl-d14	19.74	244	7542	0.77	ng	0.00
Target Compounds						
9) Naphthalene	10.58	128	224	0.02	ng	# 38
12) 2-Methylnaphthalene	12.19	142	125	0.02	ng	# 82
21) Hexachlorobenzene	16.38	284	2	Below Cal		# 100
23) Phenanthrene	17.19	178	91	Below Cal		# 60
32) Bis(2-ethylhexyl)phthalate	21.20	149	1642	0.34	ng	100

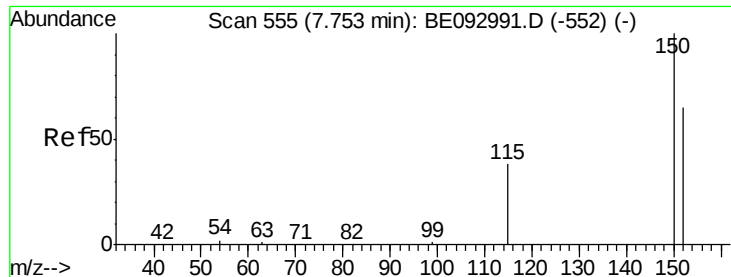
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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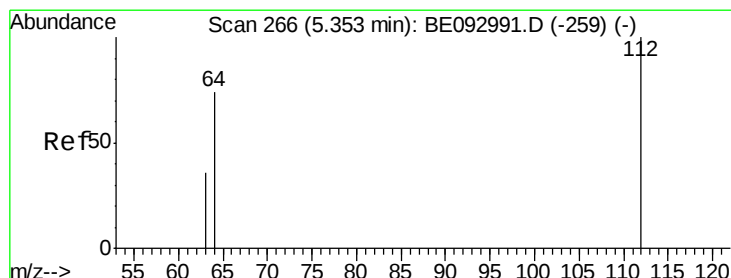
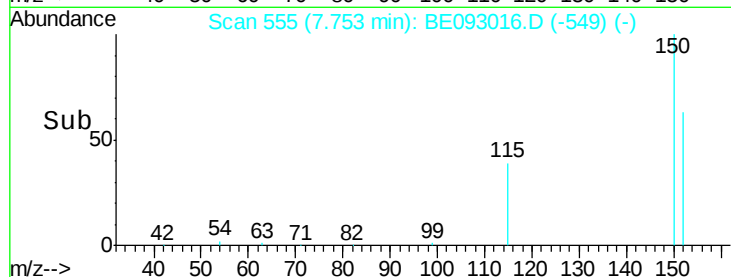
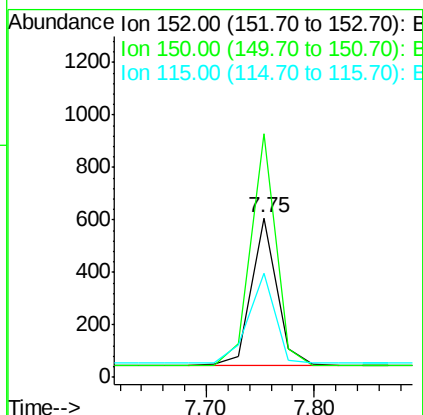
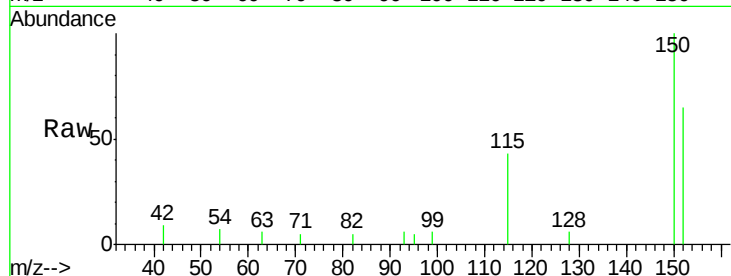


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE093016.D
Acq: 12 May 2017 13:56

Instrument :
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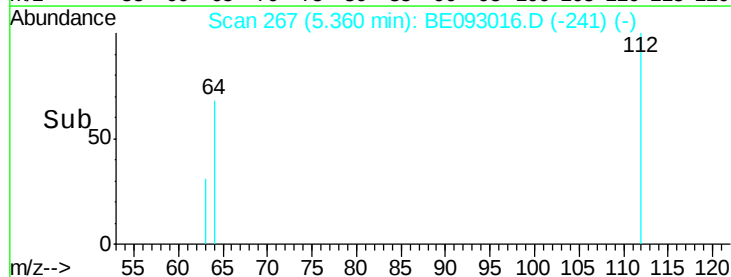
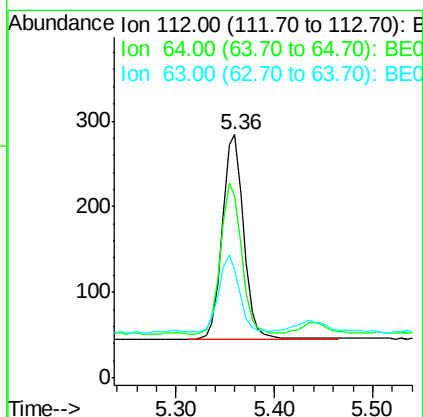
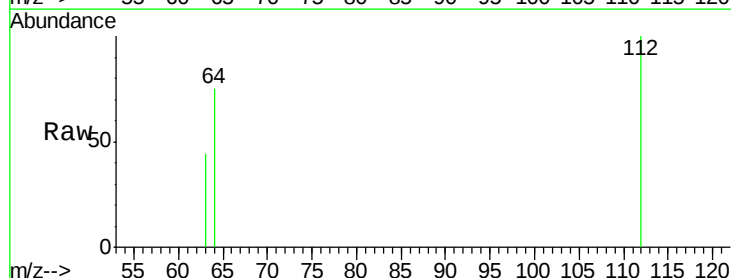
Tgt Ion:152 Resp: 903
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 65.2 55.7 83.5

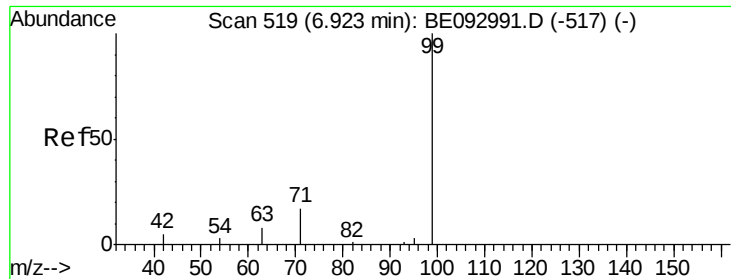


#4

2-Fluorophenol
Concen: 0.14 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093016.D
Acq: 12 May 2017 13:56

Tgt Ion:112 Resp: 359
Ion Ratio Lower Upper
112 100
64 72.4 56.4 84.6
63 35.7 29.3 43.9





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

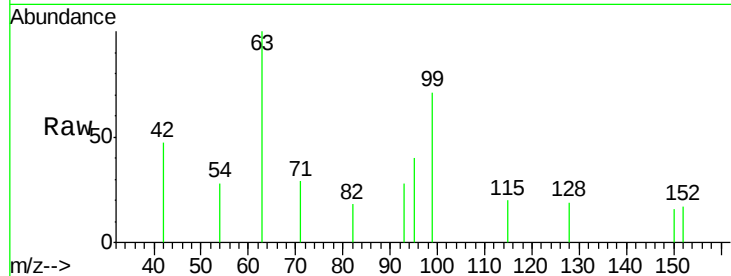
Tgt Ion: 99 Resp: 294

Ion Ratio Lower Upper

99 100

42 57.5 0.0 0.0#

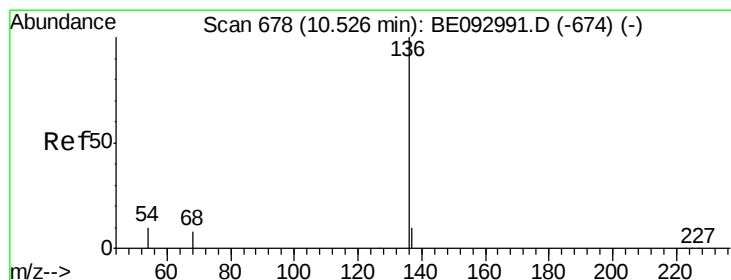
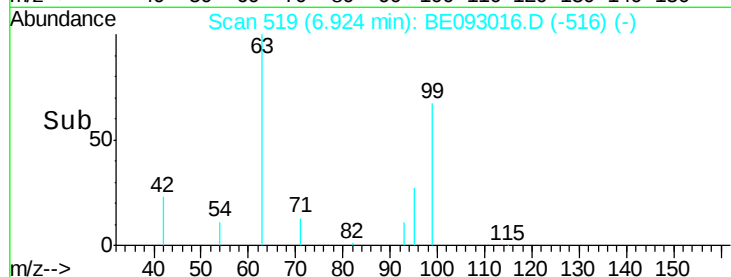
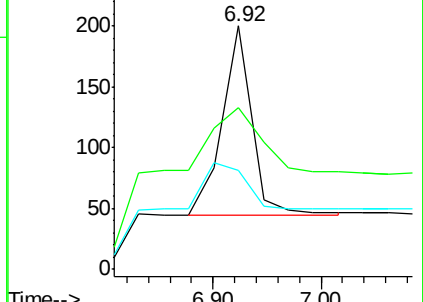
71 0.0 0.0 0.0



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: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Tgt Ion: 136 Resp: 3741

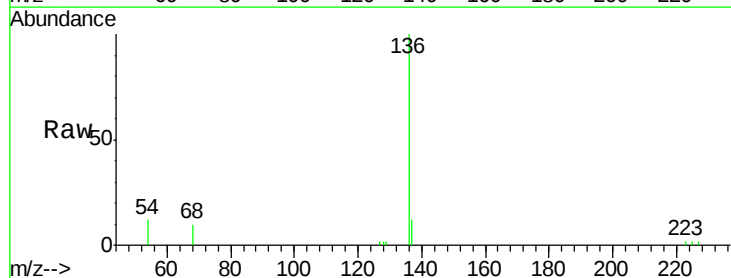
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.8

54 11.5 10.3 15.5

68 10.3 9.0 13.4

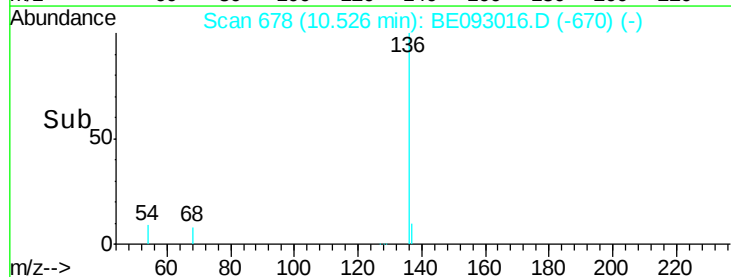
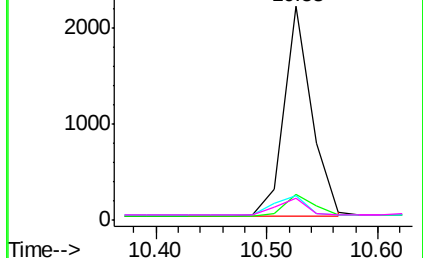


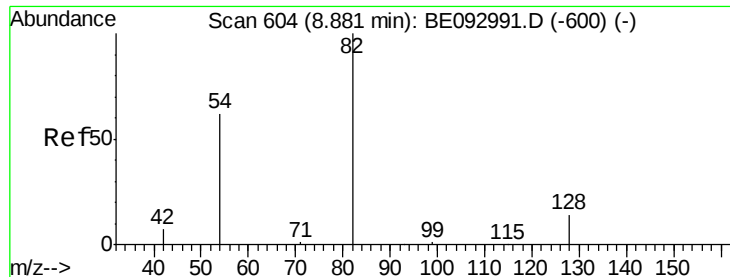
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

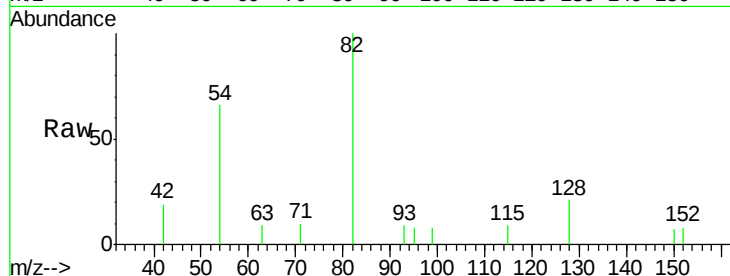
Tgt Ion: 82 Resp: 1067

Ion Ratio Lower Upper

82 100

128 21.3 17.0 25.4

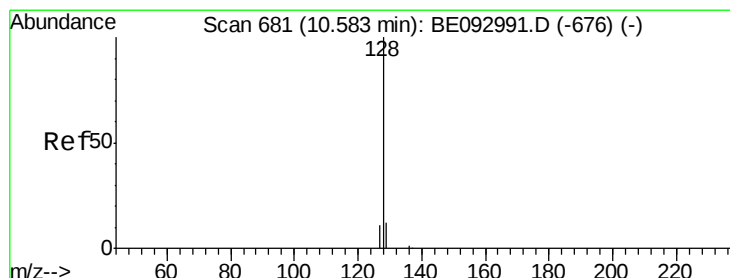
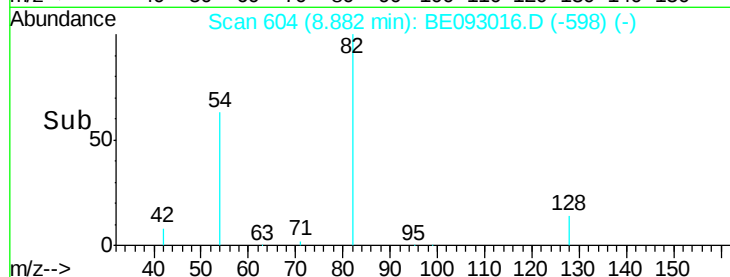
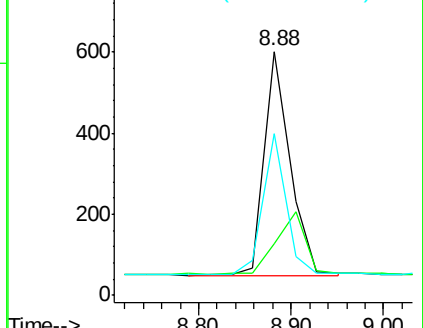
54 66.2 53.8 80.6



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



#9

Naphthalene

Concen: 0.02 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

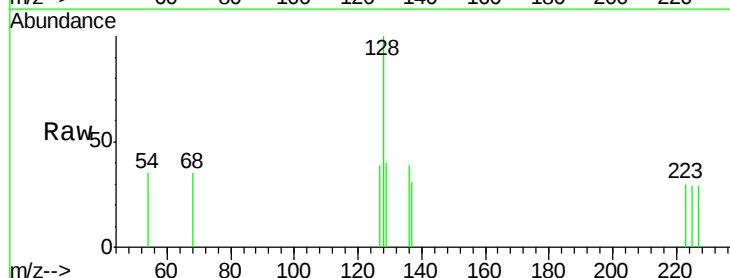
Tgt Ion: 128 Resp: 224

Ion Ratio Lower Upper

128 100

129 40.0 11.4 17.0#

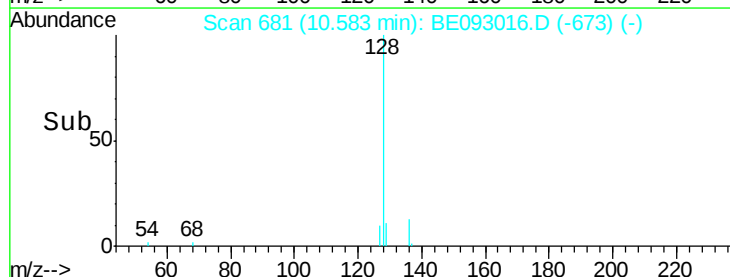
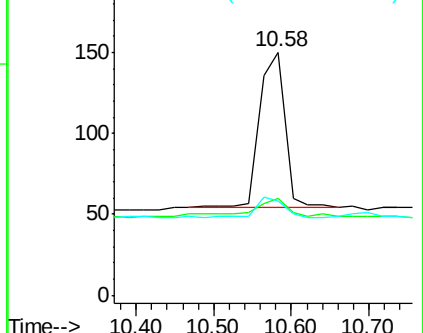
127 38.7 11.2 16.8#

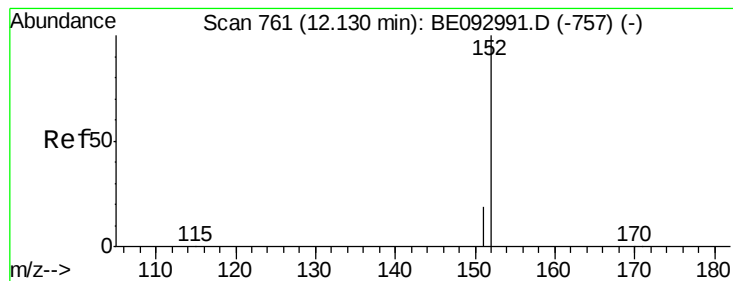


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.31 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

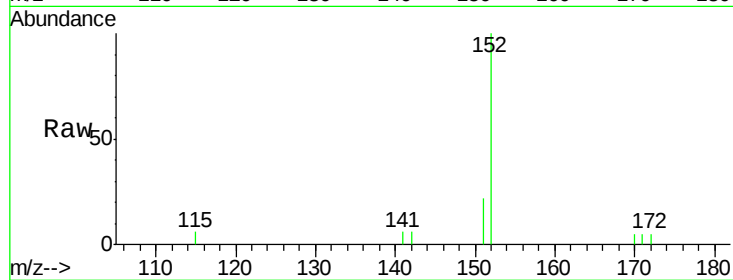
SS043MW039-170509

Tgt Ion:152 Resp: 1663

Ion Ratio Lower Upper

152 100

151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

800

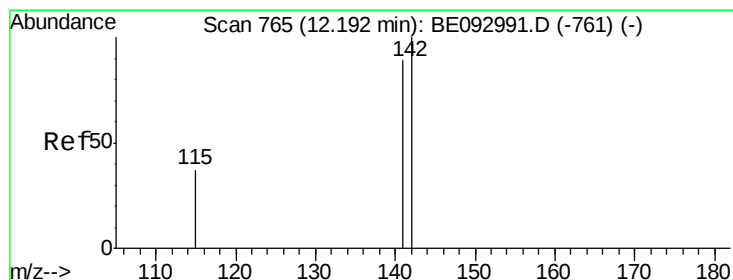
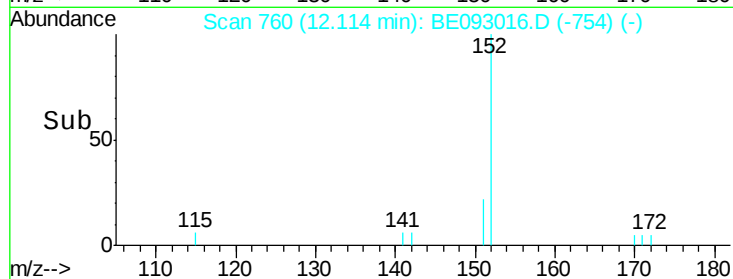
600

400

200

0

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

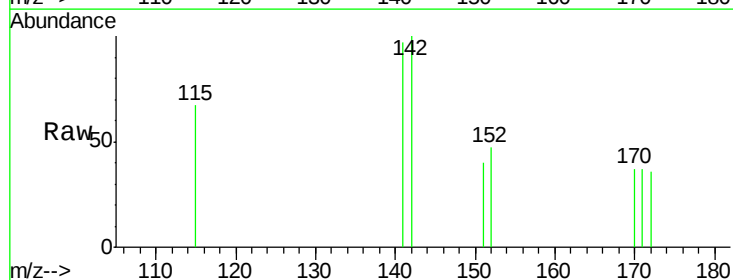
Tgt Ion:142 Resp: 125

Ion Ratio Lower Upper

142 100

141 96.7 72.6 108.8

115 67.2 32.2 48.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

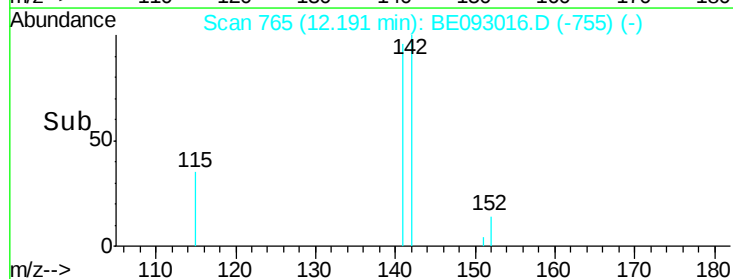
150

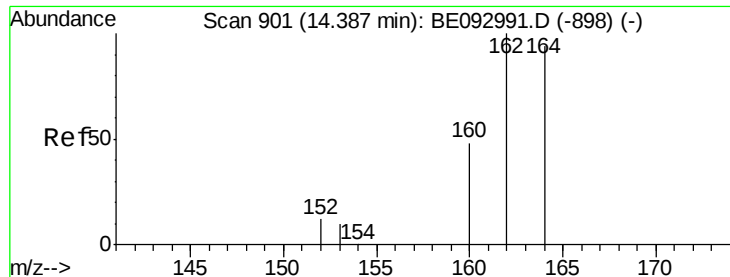
100

50

0

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

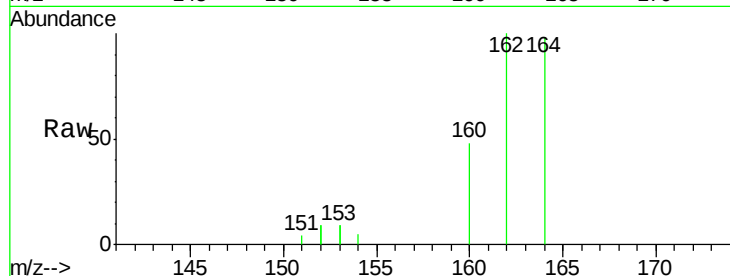
Tgt Ion:164 Resp: 1836

Ion Ratio Lower Upper

164 100

162 102.3 84.6 127.0

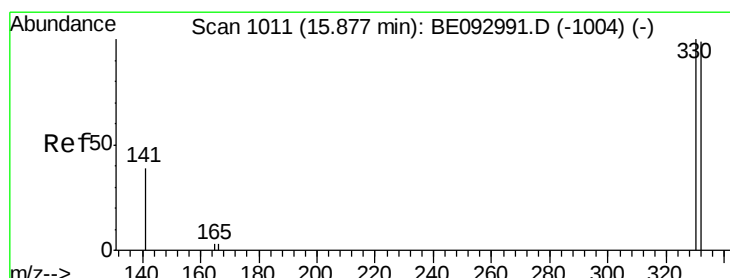
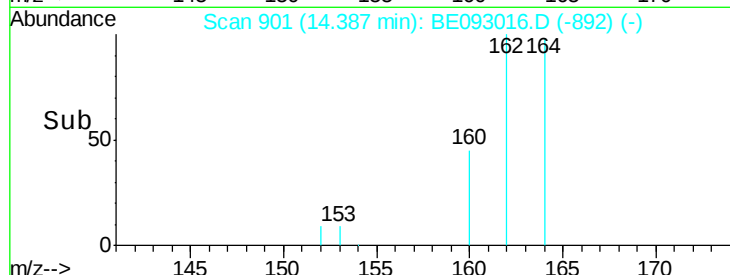
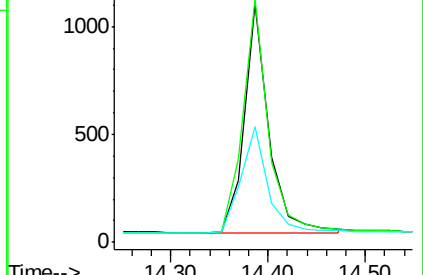
160 48.7 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.39 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

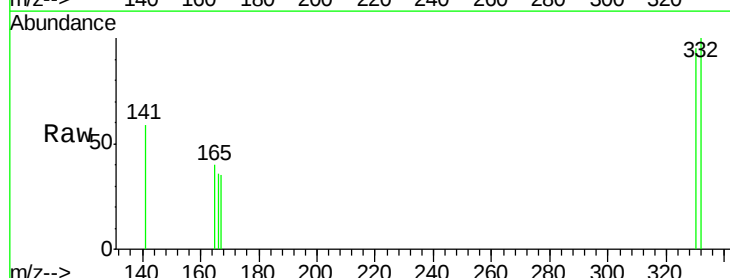
Tgt Ion:330 Resp: 197

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

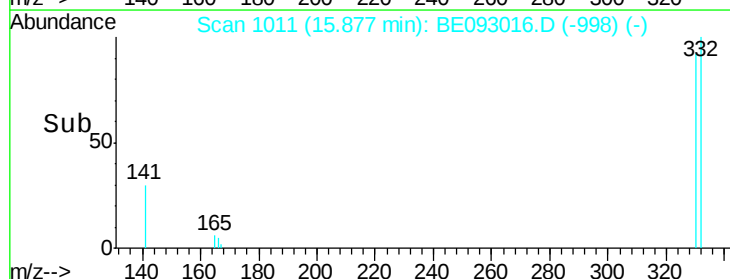
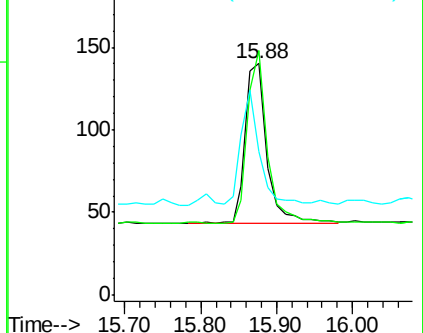
141 58.9 56.2 84.4

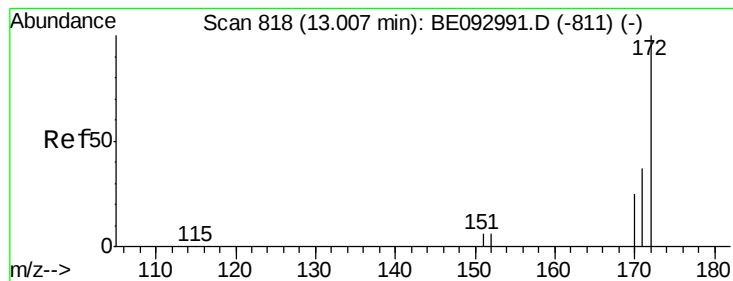


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.44 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

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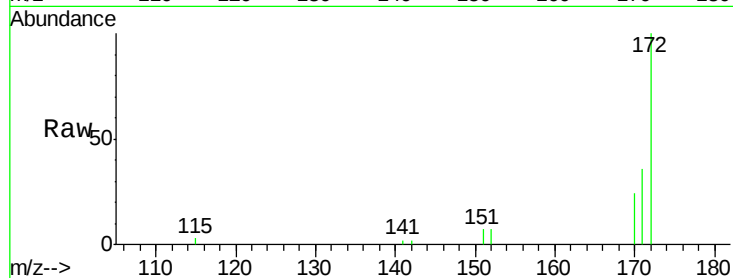
Tgt Ion:172 Resp: 3224

Ion Ratio Lower Upper

172 100

171 36.3 29.8 44.6

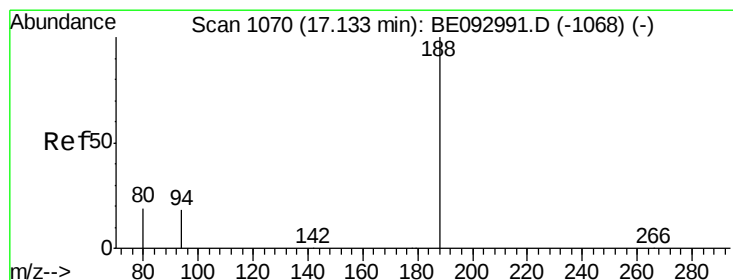
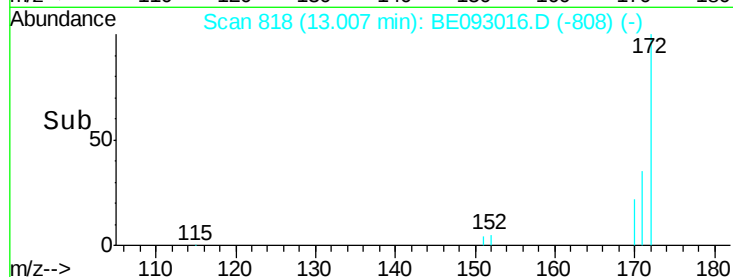
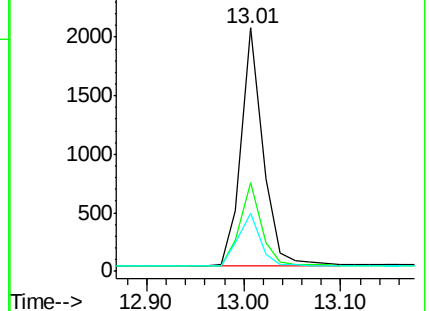
170 23.9 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

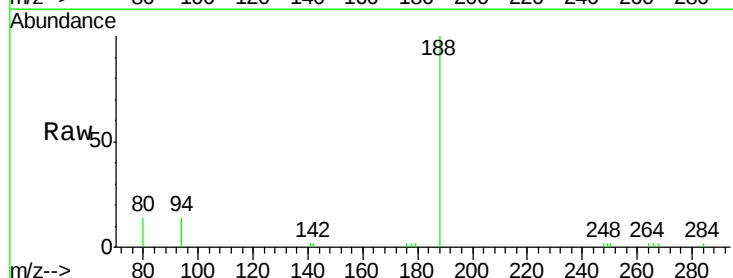
Tgt Ion:188 Resp: 5489

Ion Ratio Lower Upper

188 100

94 13.7 11.3 16.9

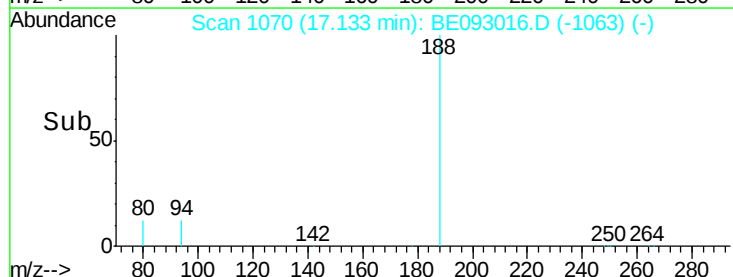
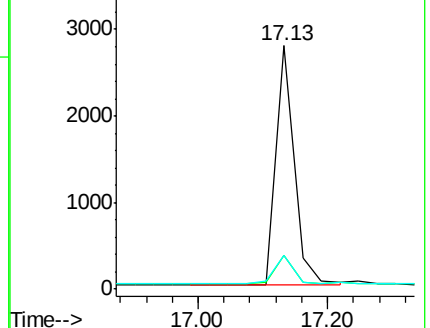
80 13.7 11.7 17.5

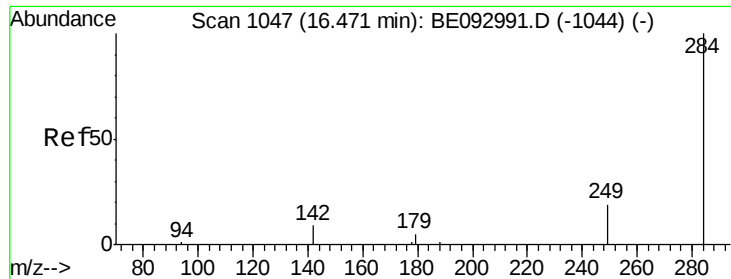


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

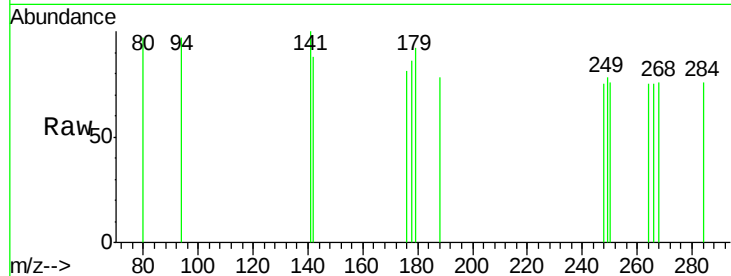




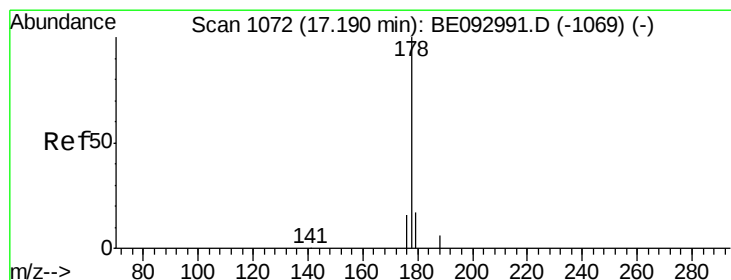
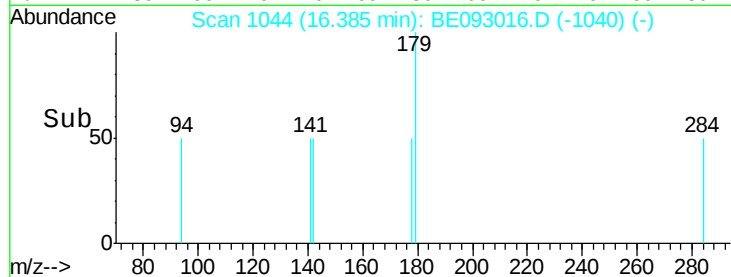
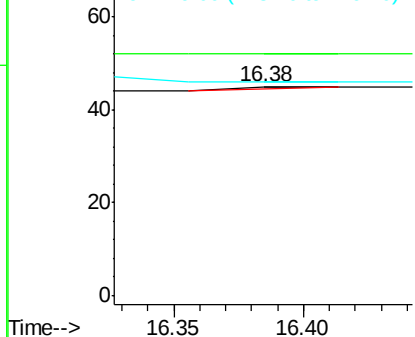
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.38 min Scan# 1044
Delta R.T. -0.08 min
Lab File: BE093016.D
Acq: 12 May 2017 13:56

Instrument :
BNA_E
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SS043MW039-170509

Tgt Ion: 284 Resp: 2
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

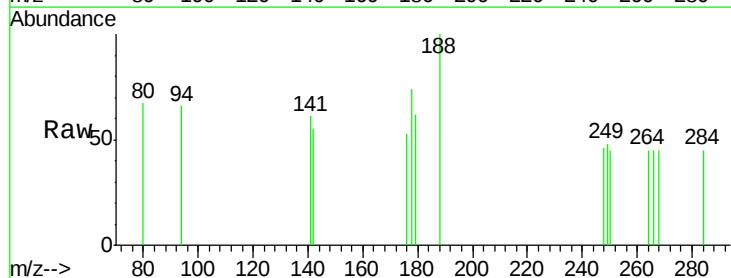


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

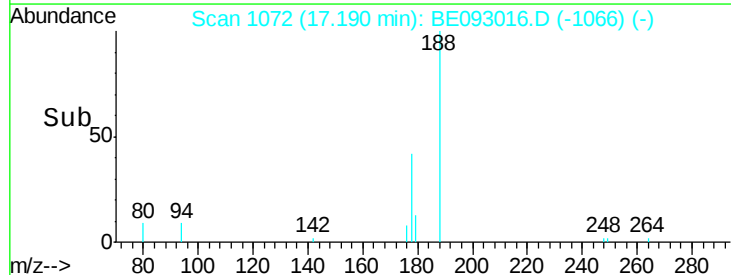
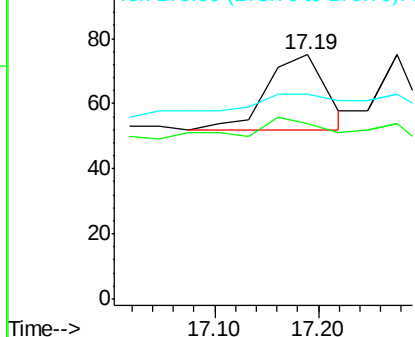


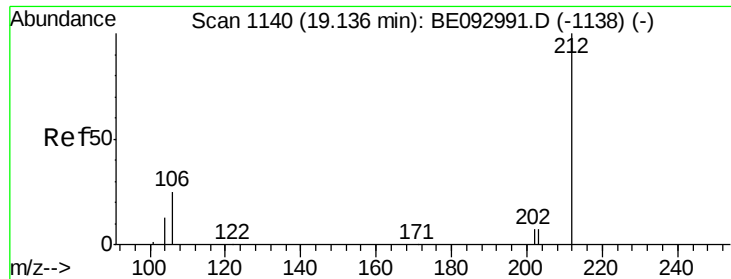
#23
Phenanthrene
Concen: Below Cal
RT: 17.19 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BE093016.D
Acq: 12 May 2017 13:56

Tgt Ion: 178 Resp: 91
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.4#
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

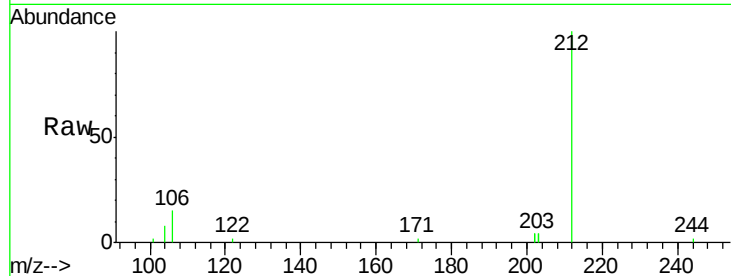
Tgt Ion:212 Resp: 4841

Ion Ratio Lower Upper

212 100

106 15.4 0.0 0.0#

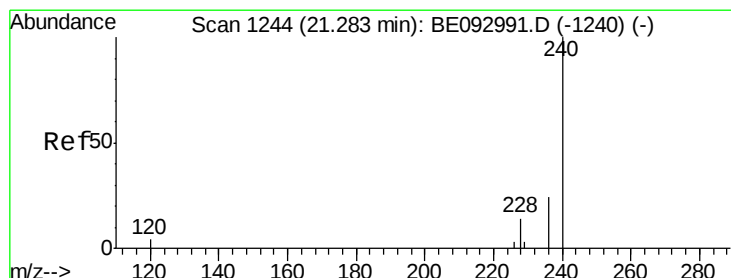
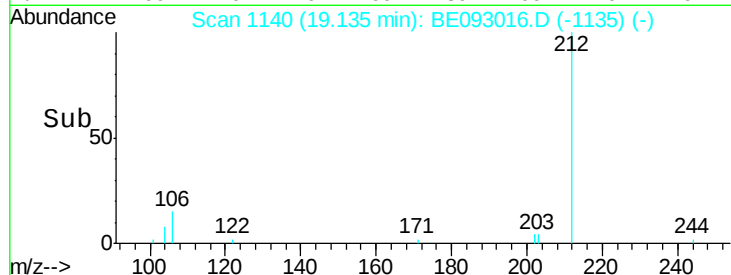
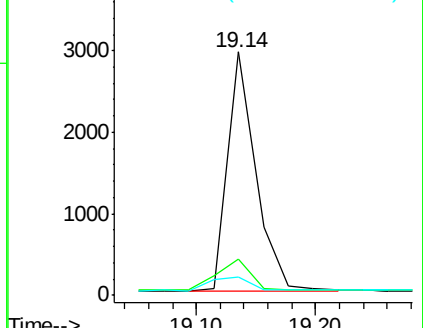
104 8.3 0.0 0.0#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

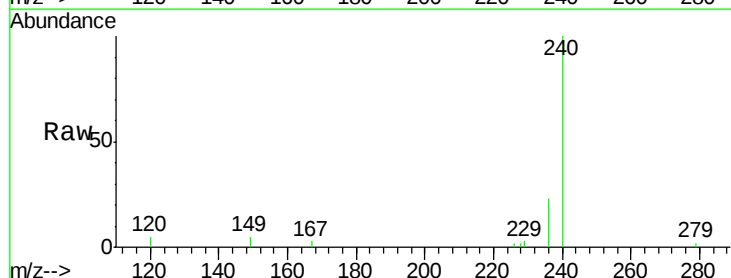
Tgt Ion:240 Resp: 5542

Ion Ratio Lower Upper

240 100

120 5.0 4.6 7.0

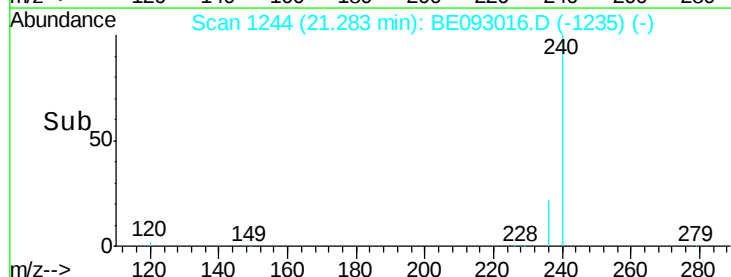
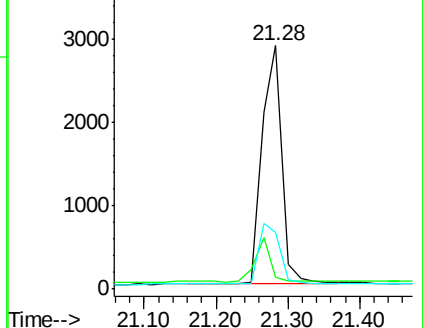
236 23.3 20.8 31.2

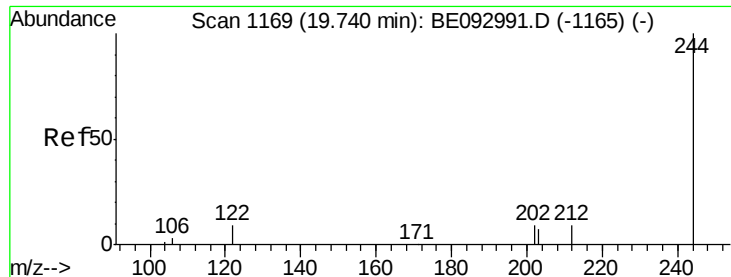


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.77 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

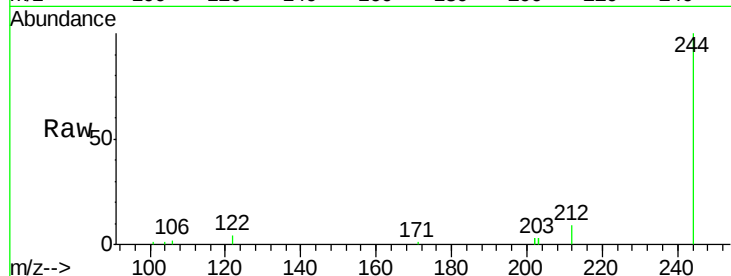
Tgt Ion:244 Resp: 7542

Ion Ratio Lower Upper

244 100

212 8.9 10.6 16.0#

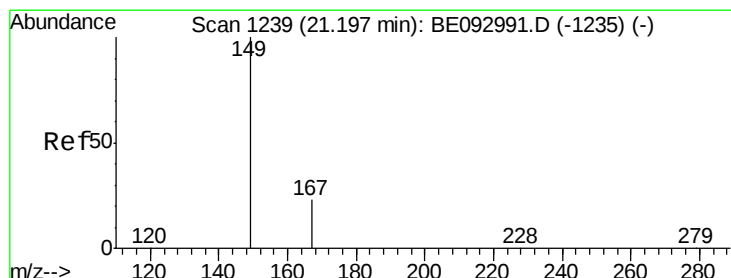
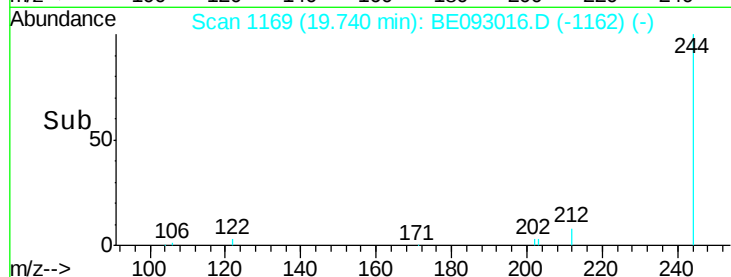
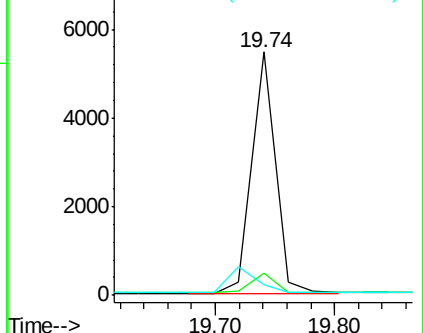
122 4.4 15.4 23.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.34 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

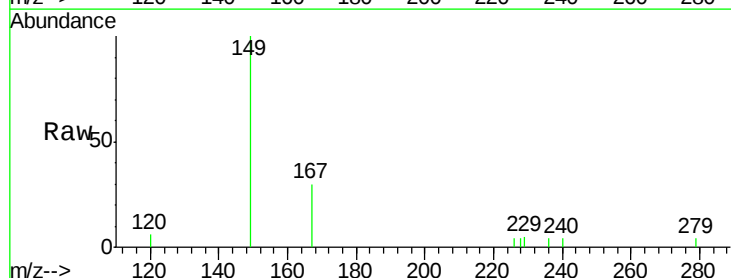
Tgt Ion:149 Resp: 1642

Ion Ratio Lower Upper

149 100

167 25.2 20.1 30.1

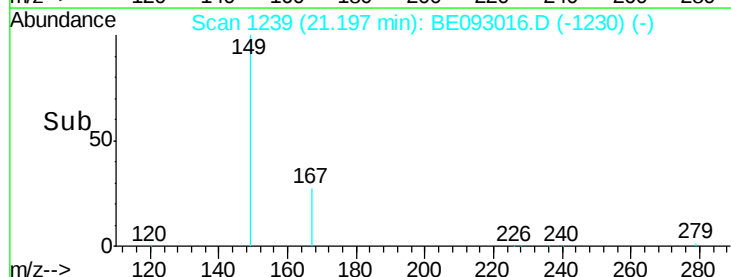
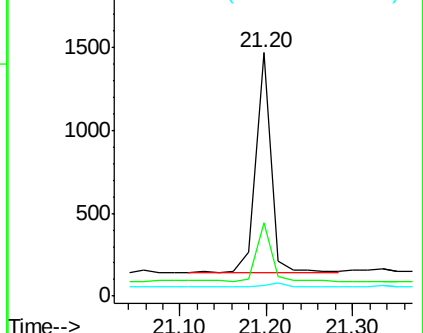
279 2.4 2.2 3.4

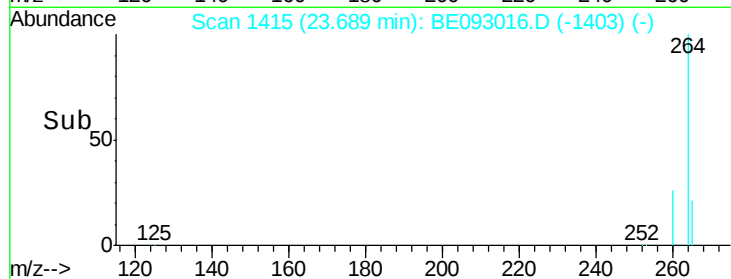
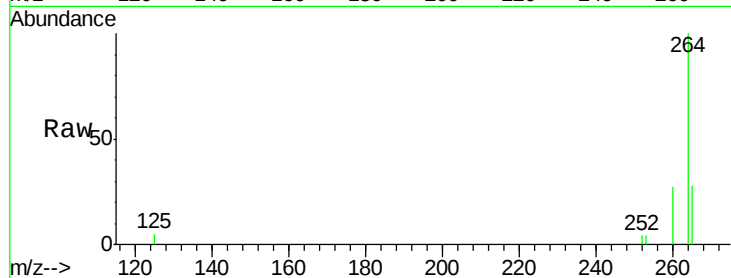
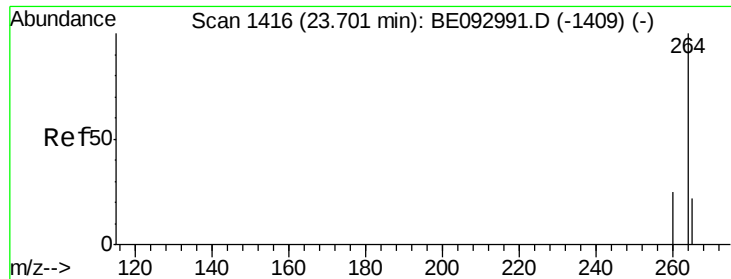


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093016.D

Acq: 12 May 2017 13:56

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

Tgt Ion:264 Resp: 4790

Ion Ratio Lower Upper

264 100

260 27.4 21.0 31.4

265 28.3 24.6 36.8

