

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051217\
 Data File : BE093018.D
 Acq On : 12 May 2017 15:10
 Operator : SJ/MA
 Sample : I3079-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW014-170509

Quant Time: May 12 17:23:55 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	876	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3590	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1773	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4961	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5124	0.40	ng	0.00
34) Perylene-d12	23.69	264	4522	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	385	0.16	ng	0.00
5) Phenol-d6	6.92	99	362	0.12	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1111	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	1665	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	173	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3323	0.47	ng	0.00
25) Fluoranthene-d10	19.14	212	4642	0.35	ng	-0.01
29) Terphenyl-d14	19.74	244	6401	0.70	ng	0.00

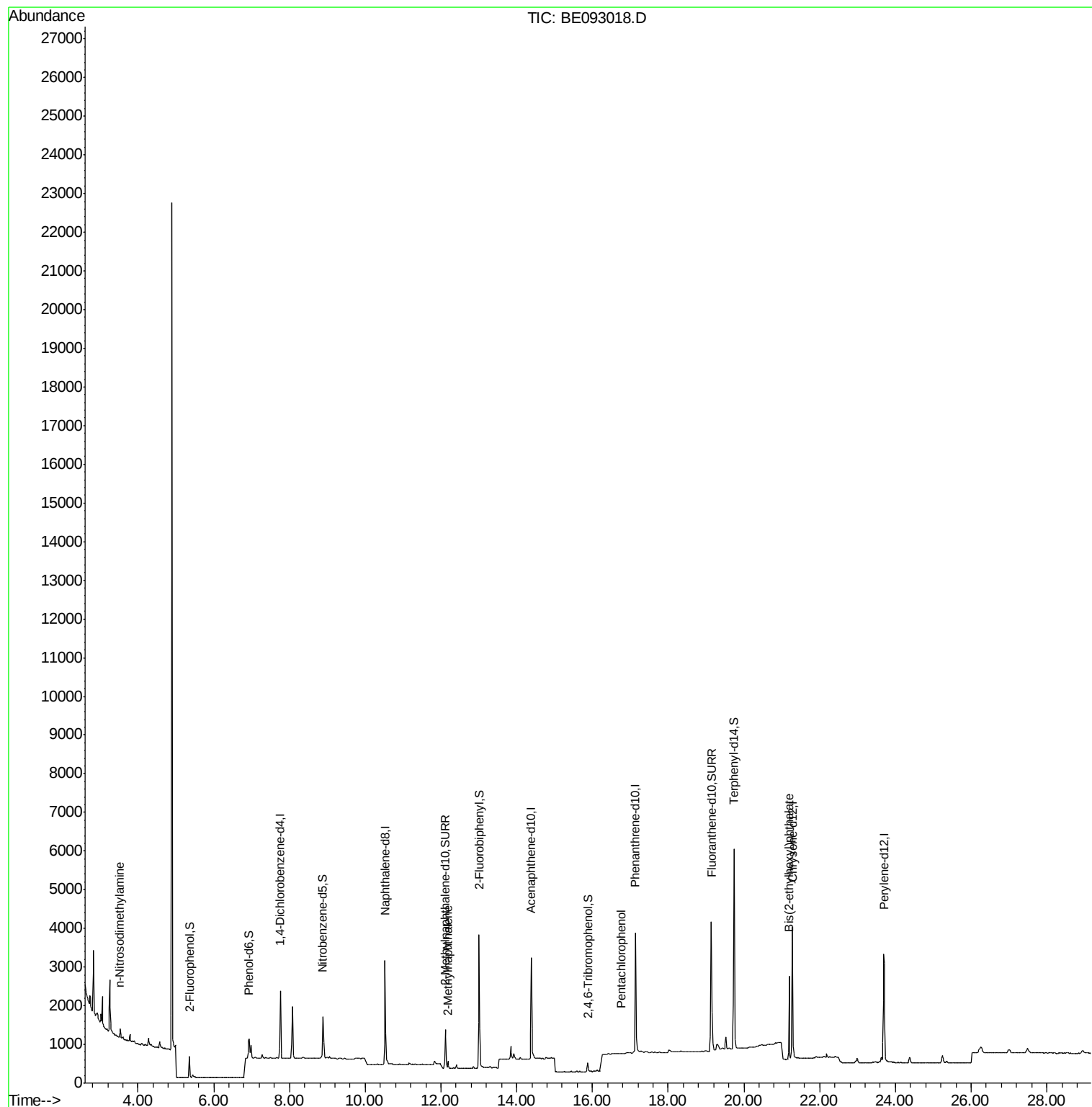
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.53	42	43	0.03	ng	# 1
12) 2-Methylnaphthalene	12.19	142	137	0.02	ng	# 86
21) Hexachlorobenzene	16.47	284	2	Below Cal		# 100
22) Pentachlorophenol	16.76	266	5	0.09	ng	# 79
23) Phenanthrene	17.19	178	129	Below Cal		# 60
32) Bis(2-ethylhexyl)phthalate	21.20	149	2057	0.43	ng	98

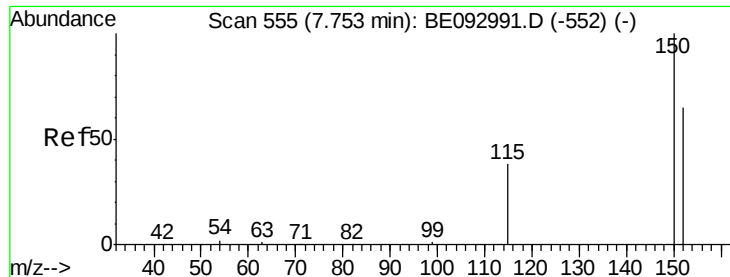
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

BNA_E

ClientSampleId :

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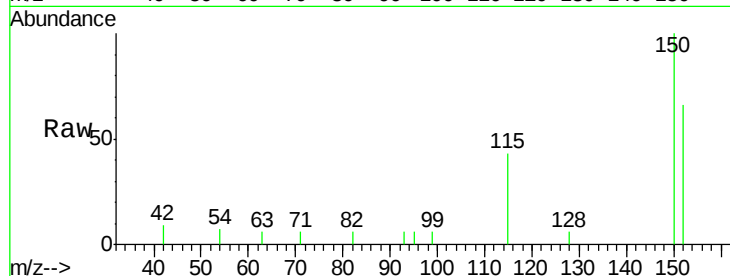
Tgt Ion:152 Resp: 876

Ion Ratio Lower Upper

152 100

150 151.7 125.1 187.7

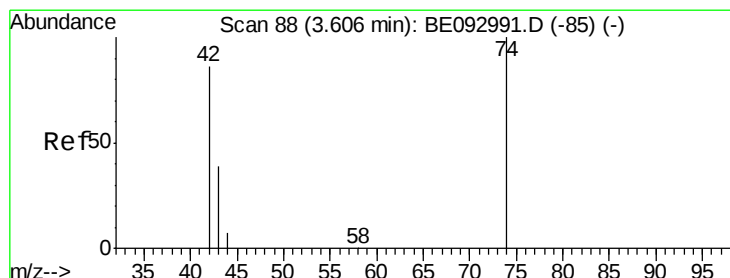
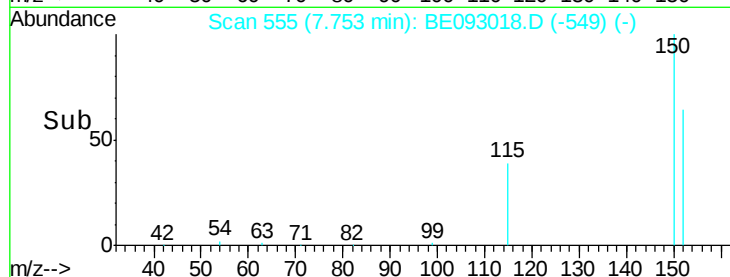
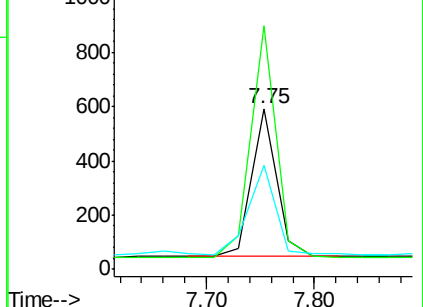
115 64.9 55.7 83.5



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



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.53 min Scan# 81

Delta R.T. -0.08 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

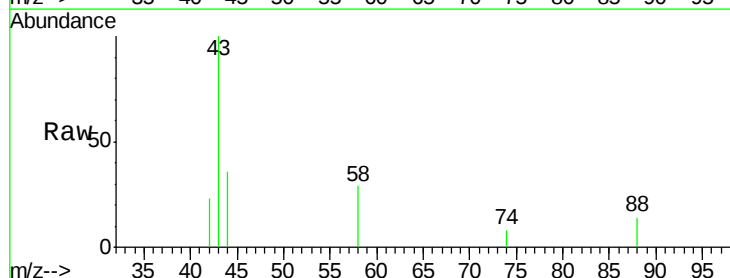
Tgt Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

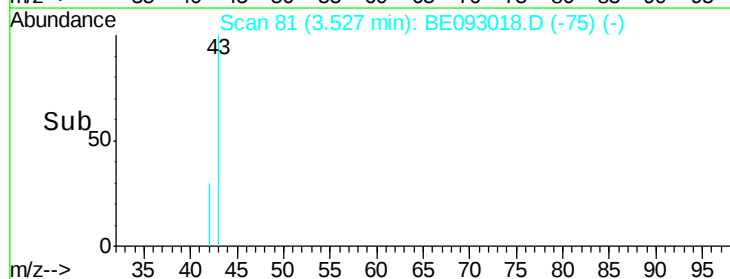
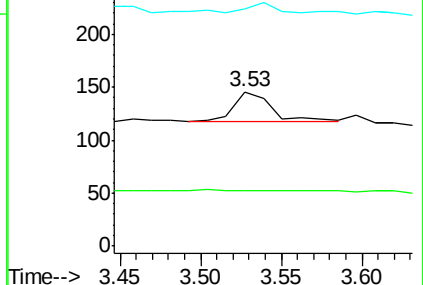
44 44.2 7.4 11.2#

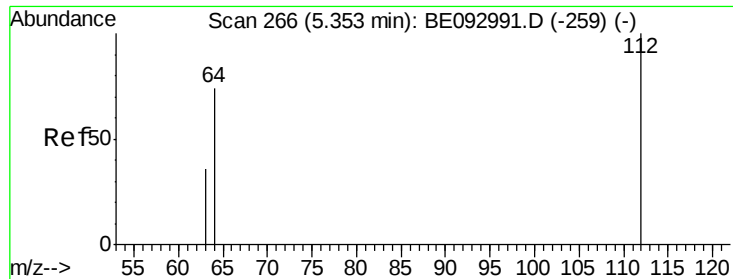


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.16 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

BNA_E

ClientSampleId :

SS043MW014-170509

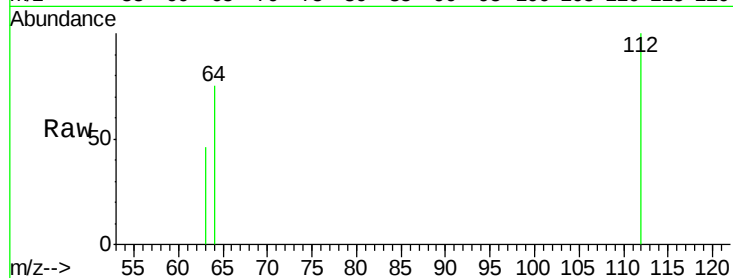
Tgt Ion: 112 Resp: 385

Ion Ratio Lower Upper

112 100

64 73.5 56.4 84.6

63 37.1 29.3 43.9



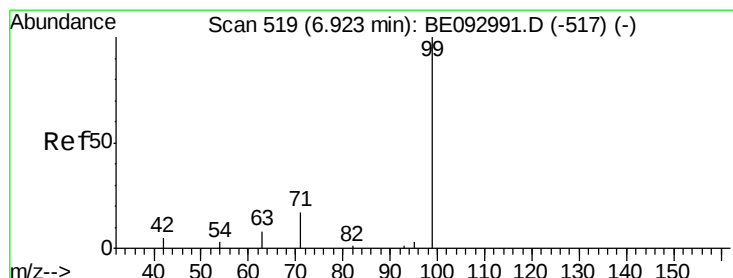
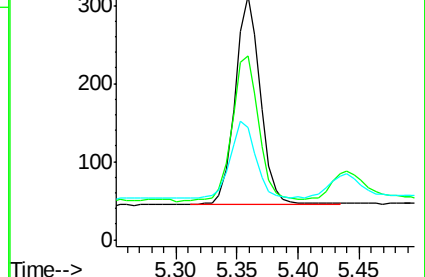
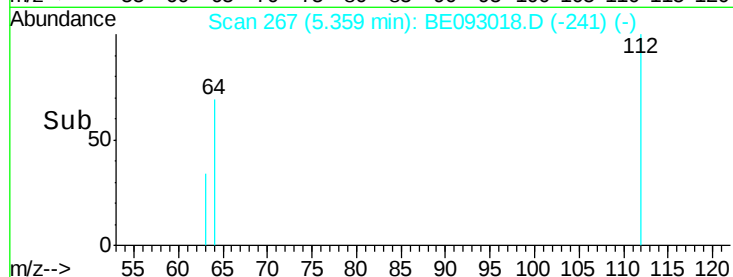
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.36

Time-->



#5

Phenol-d6

Concen: 0.12 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

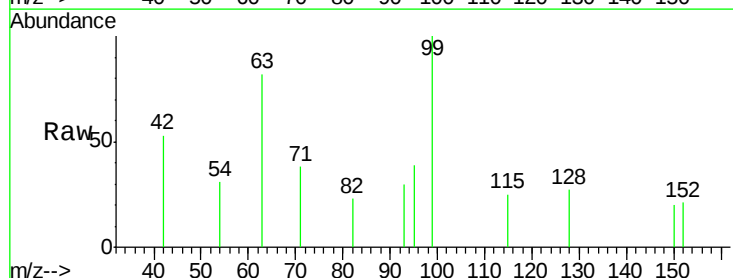
Tgt Ion: 99 Resp: 362

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



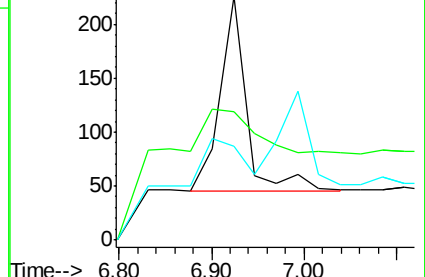
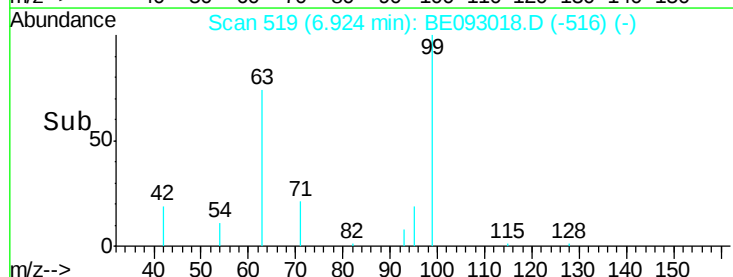
Abundance Ion 99.00 (98.70 to 99.70): BE0

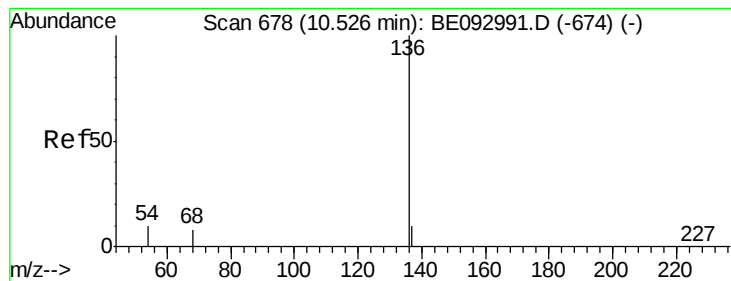
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.92

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

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SS043MW014-170509

Tgt Ion: 136 Resp: 3590

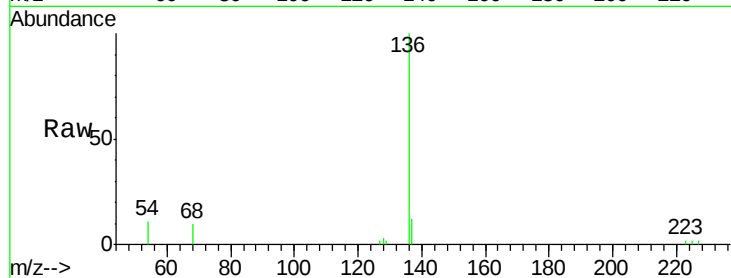
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.8

54 11.1 10.3 15.5

68 10.1 9.0 13.4

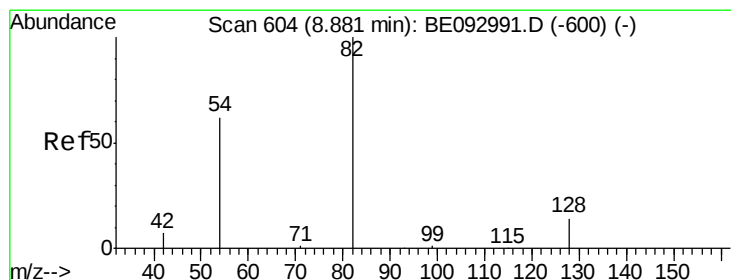
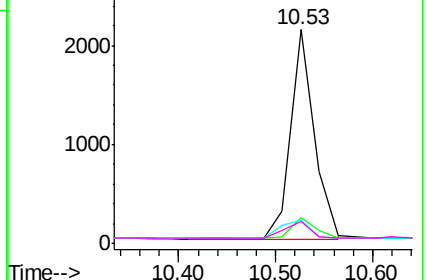
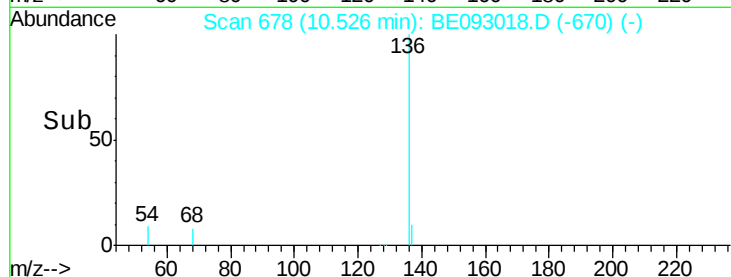


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.40 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

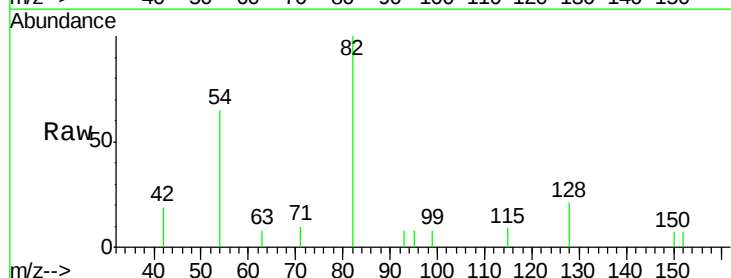
Tgt Ion: 82 Resp: 1111

Ion Ratio Lower Upper

82 100

128 21.1 17.0 25.4

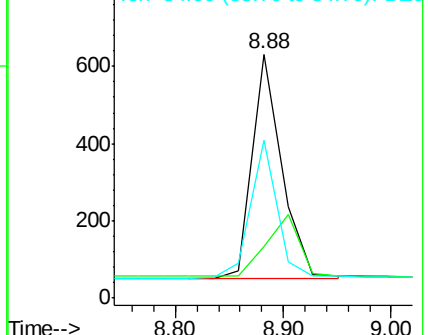
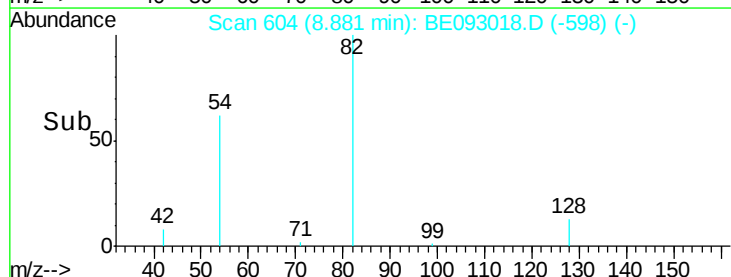
54 64.8 53.8 80.6

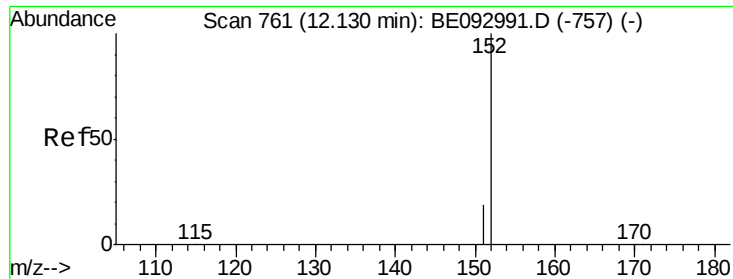


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

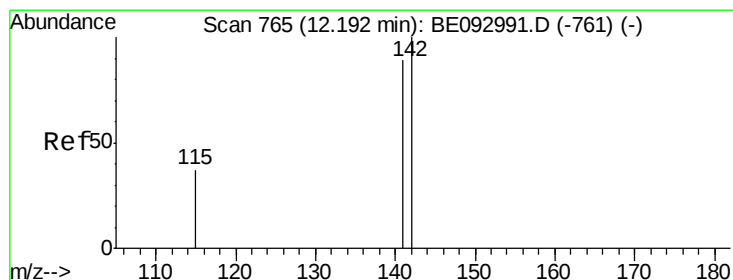
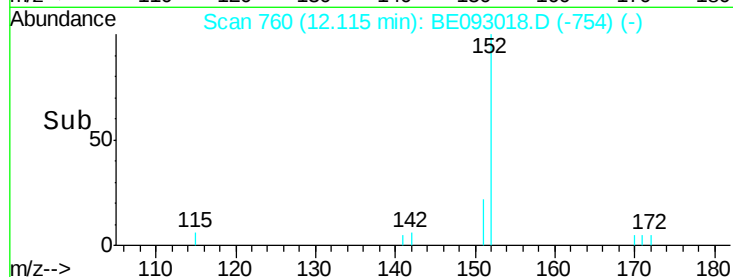
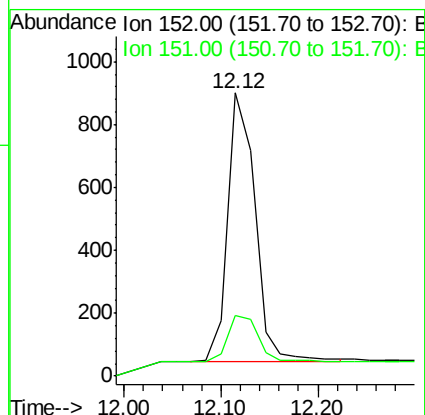
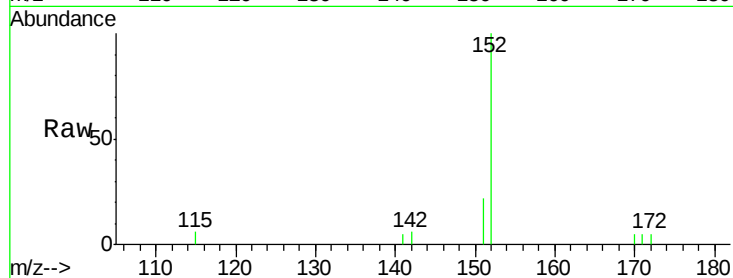




#11
 2-Methylnaphthalene-d10
 Concen: 0.33 ng
 RT: 12.12 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BE093018.D
 Acq: 12 May 2017 15:10

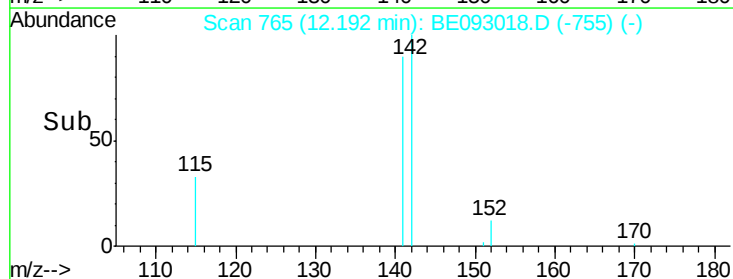
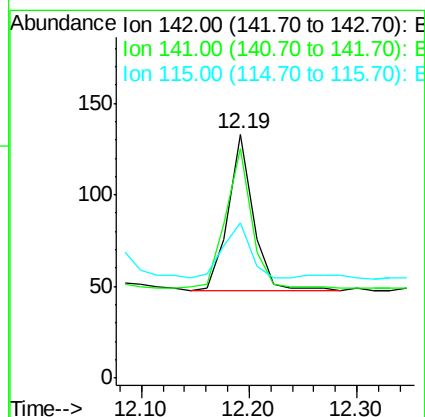
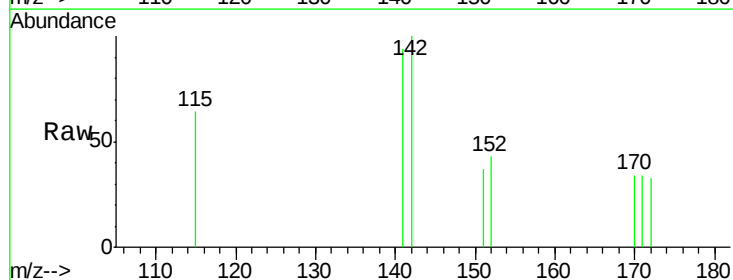
Instrument :
 BNA_E
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 SS043MW014-170509

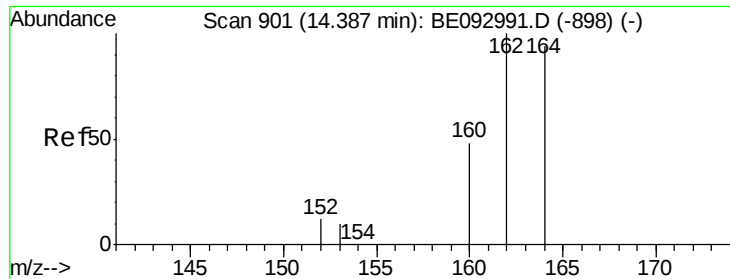
Tgt Ion:152 Resp: 1665
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.02 ng
 RT: 12.19 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE093018.D
 Acq: 12 May 2017 15:10

Tgt Ion:142 Resp: 137
 Ion Ratio Lower Upper
 142 100
 141 94.0 72.6 108.8
 115 63.9 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

BNA_E

ClientSampleId :

SS043MW014-170509

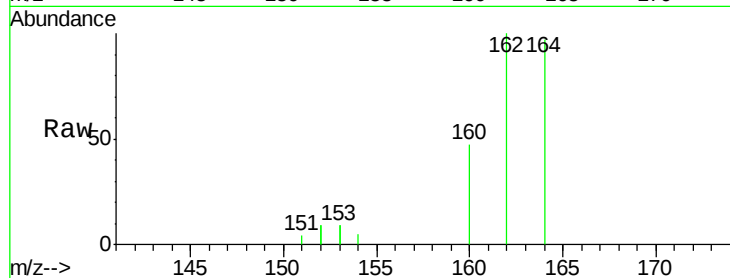
Tgt Ion:164 Resp: 1773

Ion Ratio Lower Upper

164 100

162 102.9 84.6 127.0

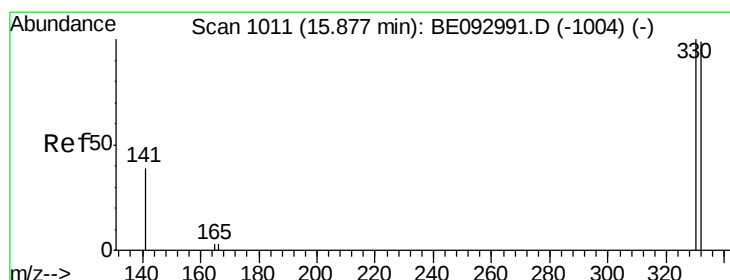
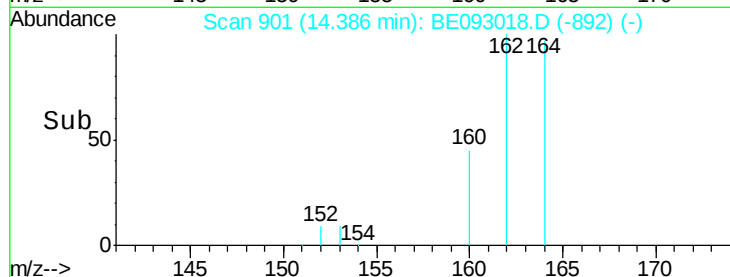
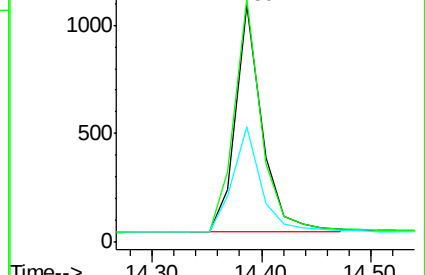
160 48.7 41.8 62.6



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: 0.36 ng

RT: 15.88 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

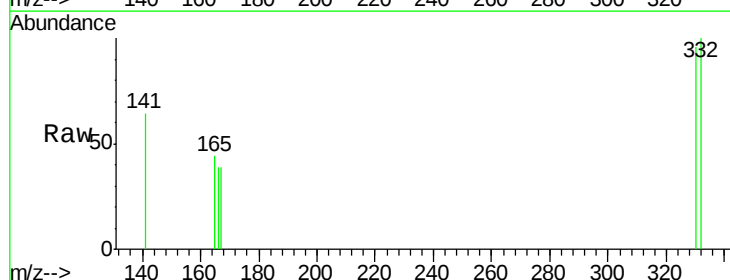
Tgt Ion:330 Resp: 173

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

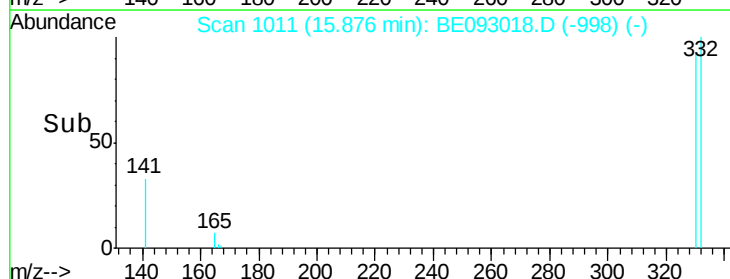
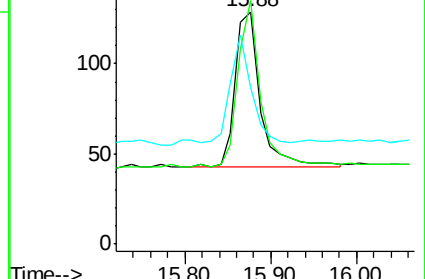
141 60.1 56.2 84.4

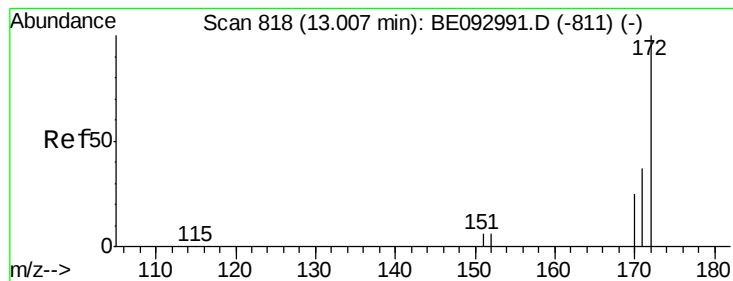


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.47 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

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ClientSampleId :

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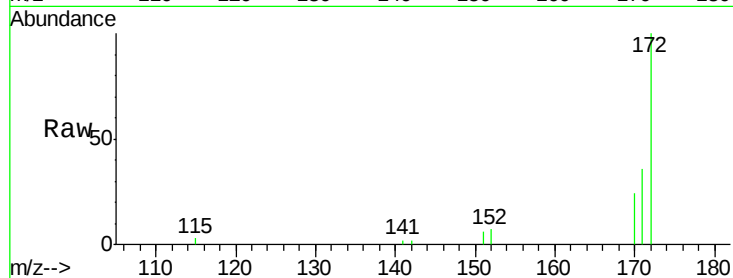
Tgt Ion:172 Resp: 3323

Ion Ratio Lower Upper

172 100

171 35.8 29.8 44.6

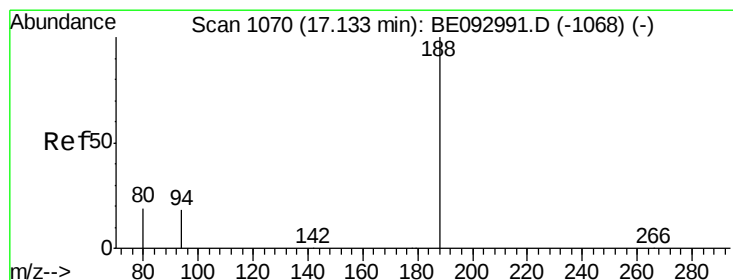
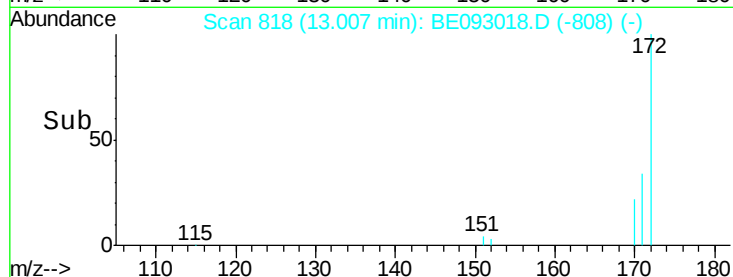
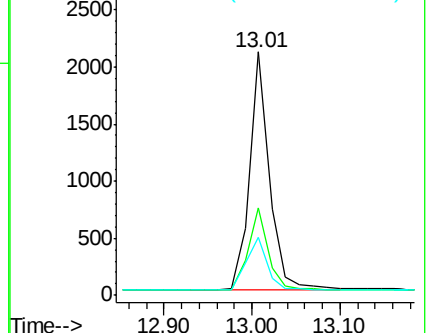
170 23.7 20.7 31.1



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: BE093018.D

Acq: 12 May 2017 15:10

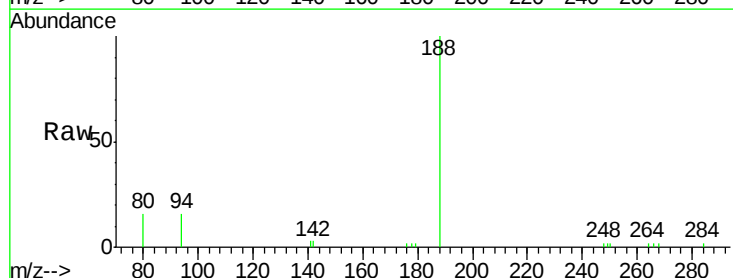
Tgt Ion:188 Resp: 4961

Ion Ratio Lower Upper

188 100

94 15.5 11.3 16.9

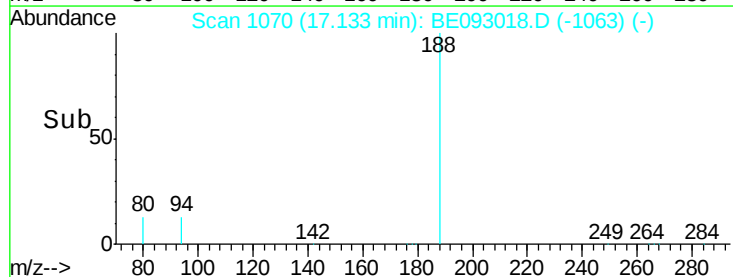
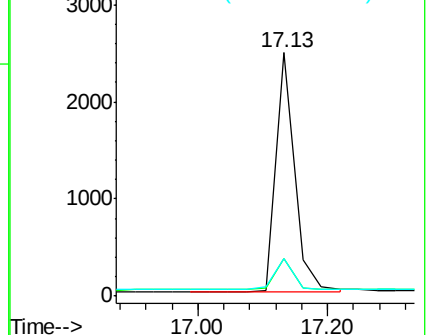
80 15.5 11.7 17.5

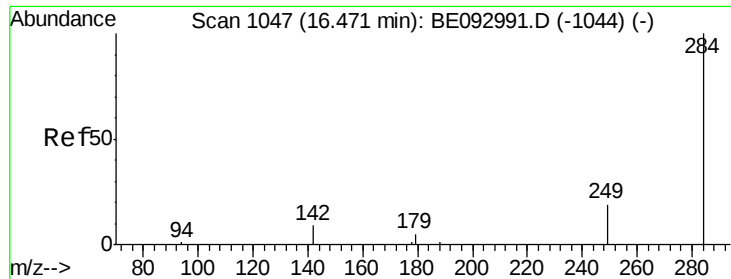


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

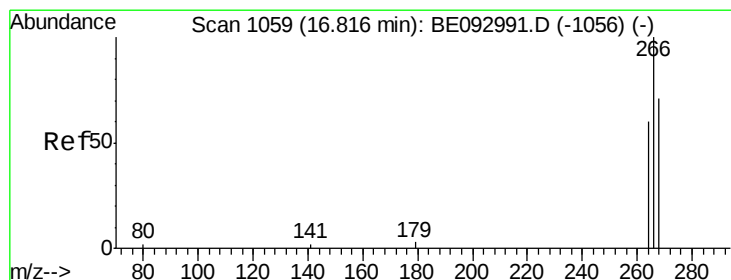
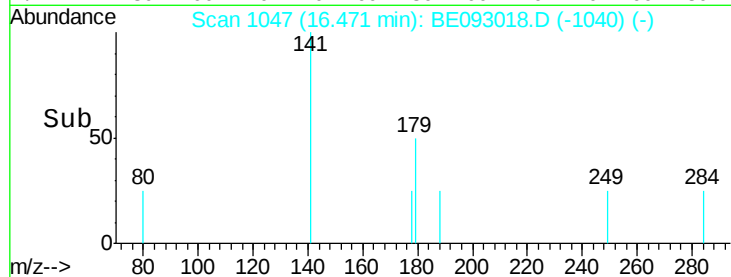
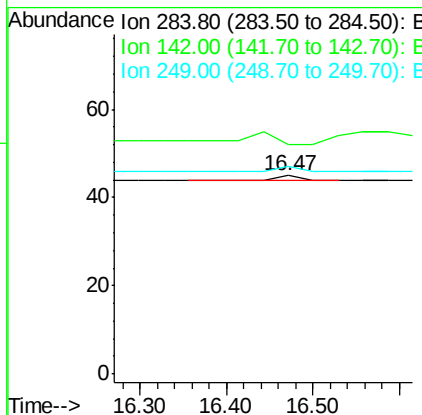
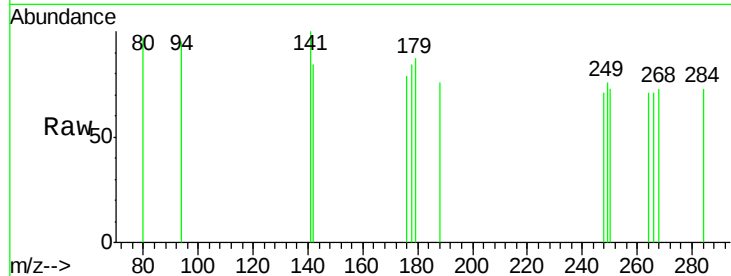




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE093018.D
Acq: 12 May 2017 15:10

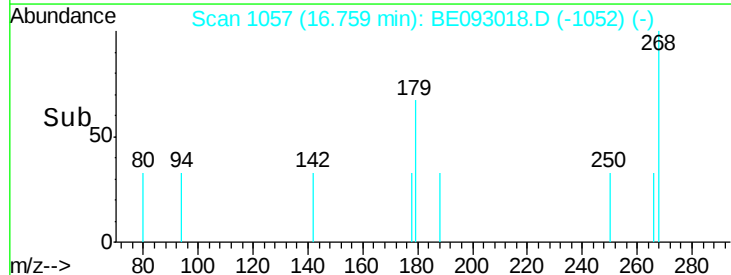
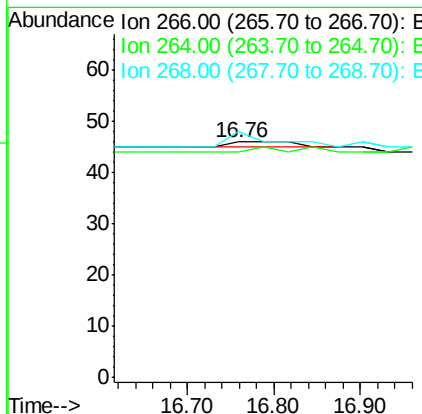
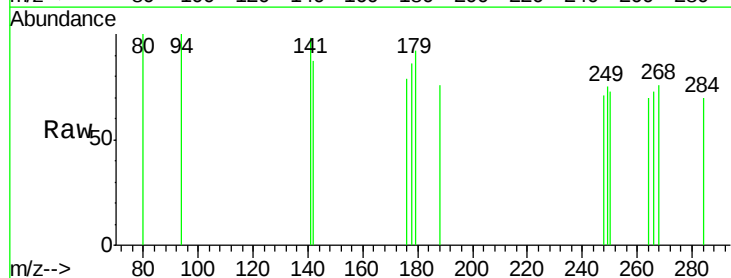
Instrument :
BNA_E
ClientSampleId :
SS043MW014-170509

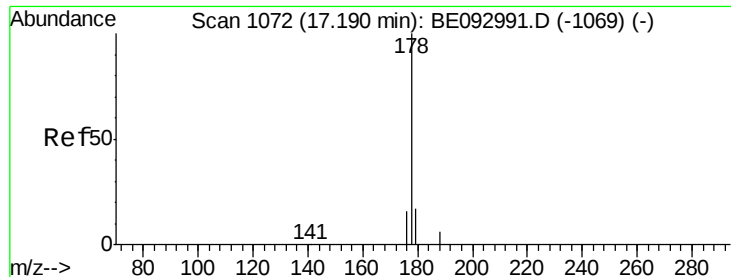
Tgt Ion: 284 Resp: 2
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 100.0 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.09 ng
RT: 16.76 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BE093018.D
Acq: 12 May 2017 15:10

Tgt Ion: 266 Resp: 5
Ion Ratio Lower Upper
266 100
264 95.7 58.2 87.2#
268 104.3 71.9 107.9





#23

Phenanthrene

Concen: Below Cal

RT: 17.19 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

BNA_E

ClientSampleId :

SS043MW014-170509

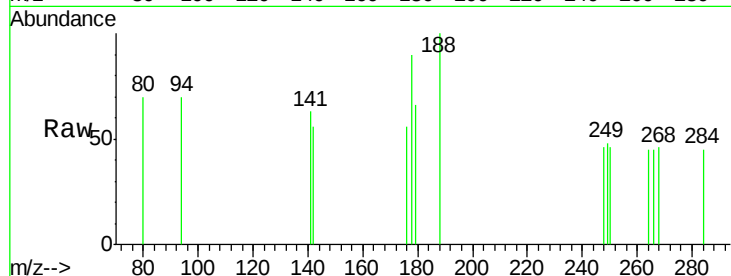
Tgt Ion:178 Resp: 129

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

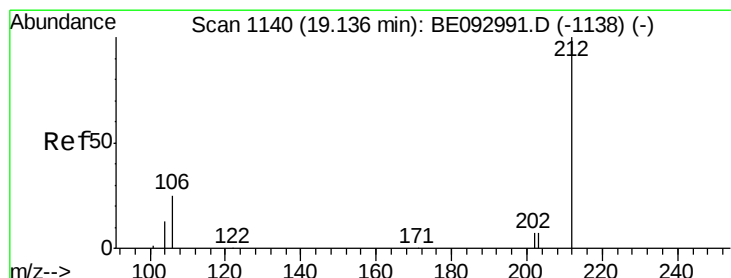
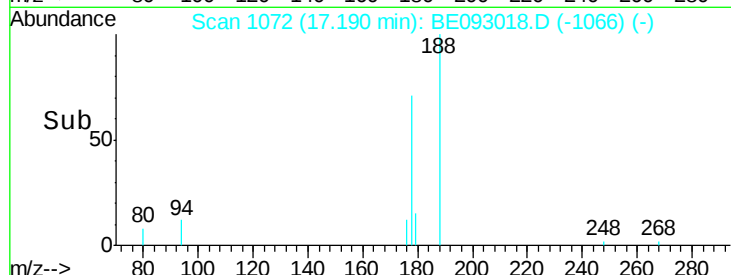
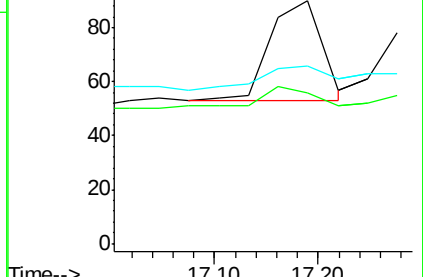
179 31.8 12.7 19.1#



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: 0.35 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

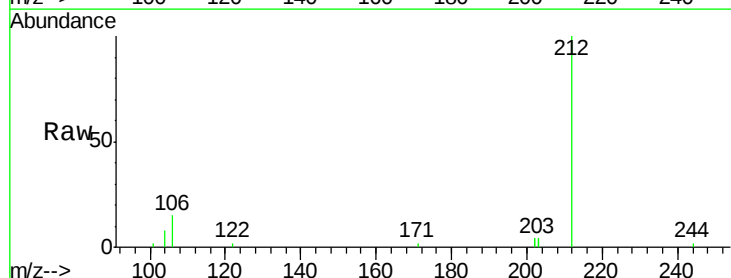
Tgt Ion:212 Resp: 4642

Ion Ratio Lower Upper

212 100

106 16.0 0.0 0.0#

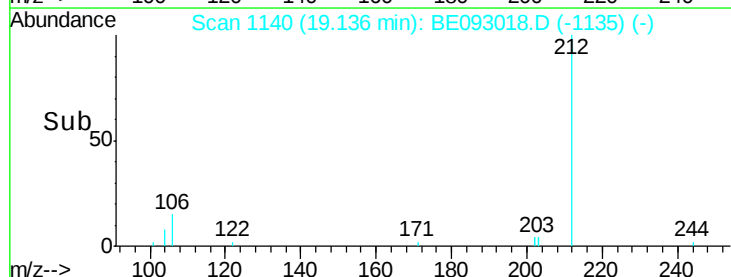
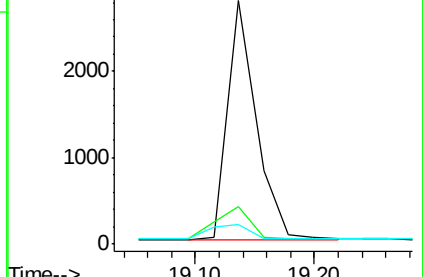
104 9.0 0.0 0.0#

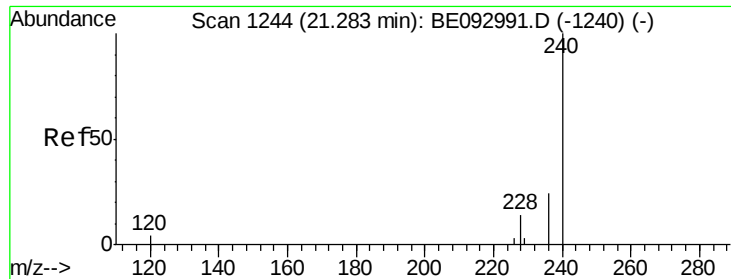


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

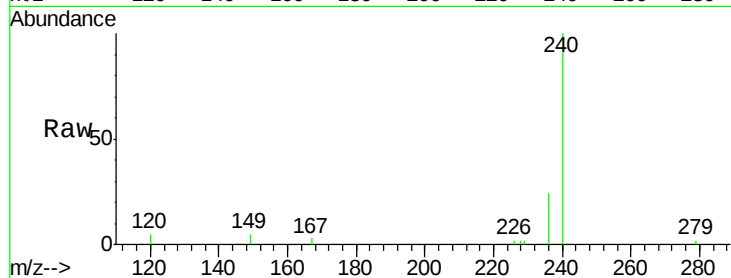




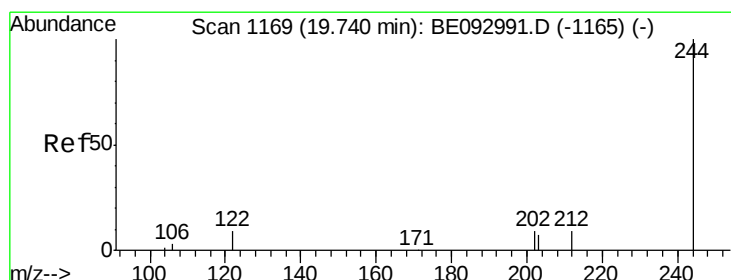
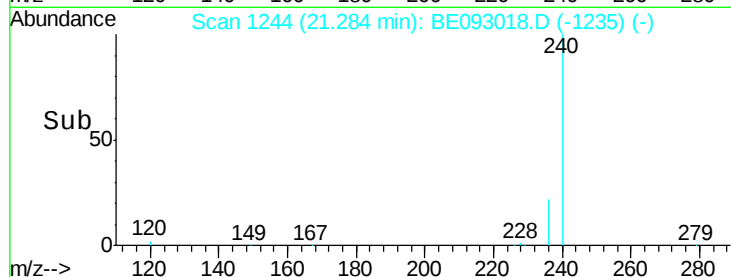
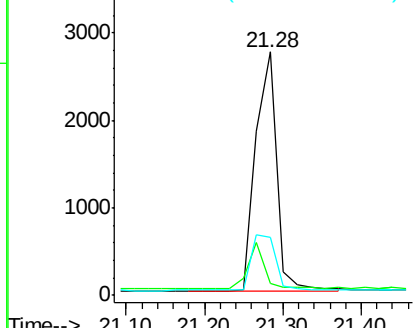
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093018.D
Acq: 12 May 2017 15:10

Instrument :
BNA_E
ClientSampleId :
SS043MW014-170509

Tgt Ion:240 Resp: 5124
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 23.7 20.8 31.2

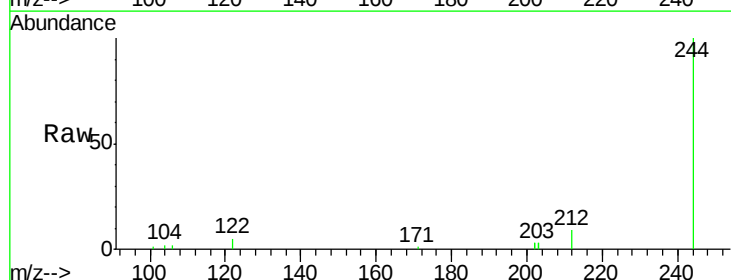


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

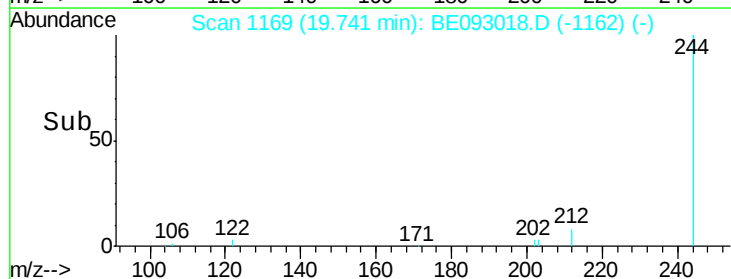
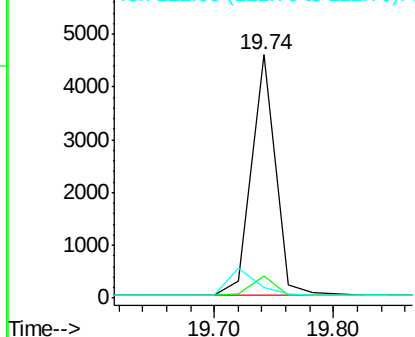


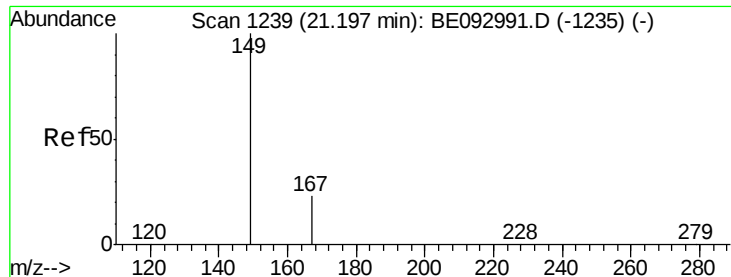
#29
Terphenyl-d14
Concen: 0.70 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BE093018.D
Acq: 12 May 2017 15:10

Tgt Ion:244 Resp: 6401
Ion Ratio Lower Upper
244 100
212 8.9 10.6 16.0#
122 4.6 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: 0.43 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093018.D

Acq: 12 May 2017 15:10

Instrument :

BNA_E

ClientSampleId :

SS043MW014-170509

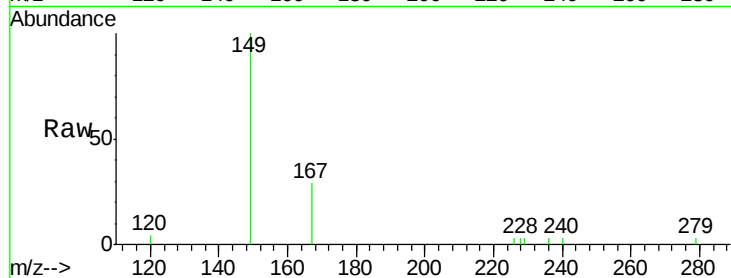
Tgt Ion:149 Resp: 2057

Ion Ratio Lower Upper

149 100

167 26.0 20.1 30.1

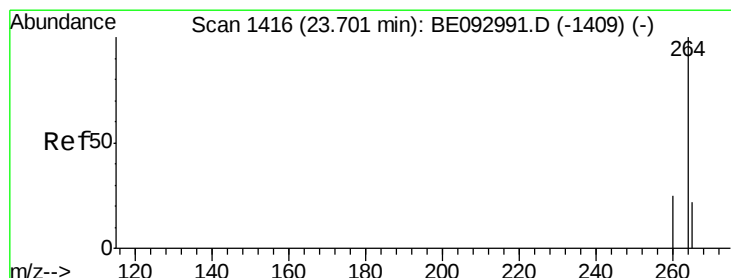
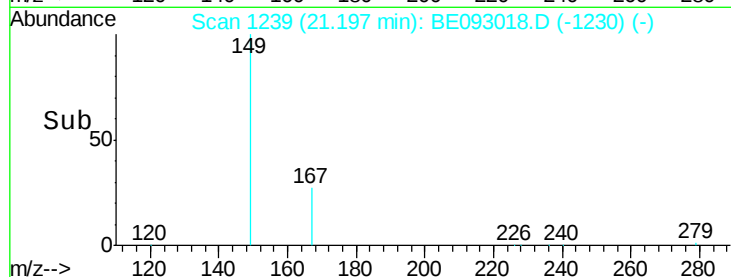
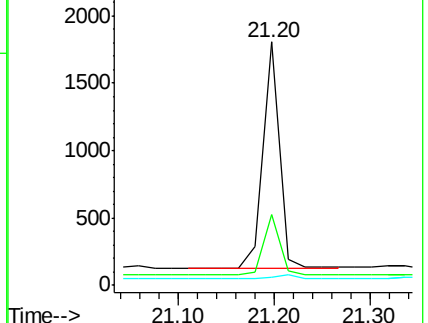
279 2.5 2.2 3.4



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: BE093018.D

Acq: 12 May 2017 15:10

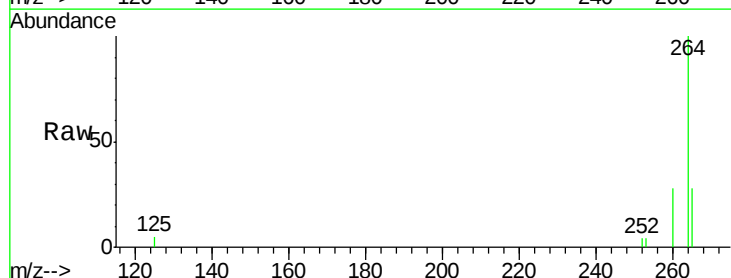
Tgt Ion:264 Resp: 4522

Ion Ratio Lower Upper

264 100

260 28.3 21.0 31.4

265 28.3 24.6 36.8



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

