

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051217\
 Data File : BE093021.D
 Acq On : 12 May 2017 17:01
 Operator : SJ/MA
 Sample : I3079-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-170509

Quant Time: May 12 18:00:46 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	988	0.40	ng	-0.02
7) Naphthalene-d8	10.52	136	3791	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	8676	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5557	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5676	0.40	ng	0.00
34) Perylene-d12	23.69	264	4875	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	682	0.25	ng	0.00
5) Phenol-d6	6.92	99	1066m	0.31	ng	-0.02
8) Nitrobenzene-d5	8.88	82	2630	0.89	ng	-0.02
11) 2-Methylnaphthalene-d10	12.13	152	2081	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	314	0.13	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3998	0.12	ng	0.00
25) Fluoranthene-d10	19.14	212	4608	0.31	ng	-0.02
29) Terphenyl-d14	19.74	244	6266	0.62	ng	0.00

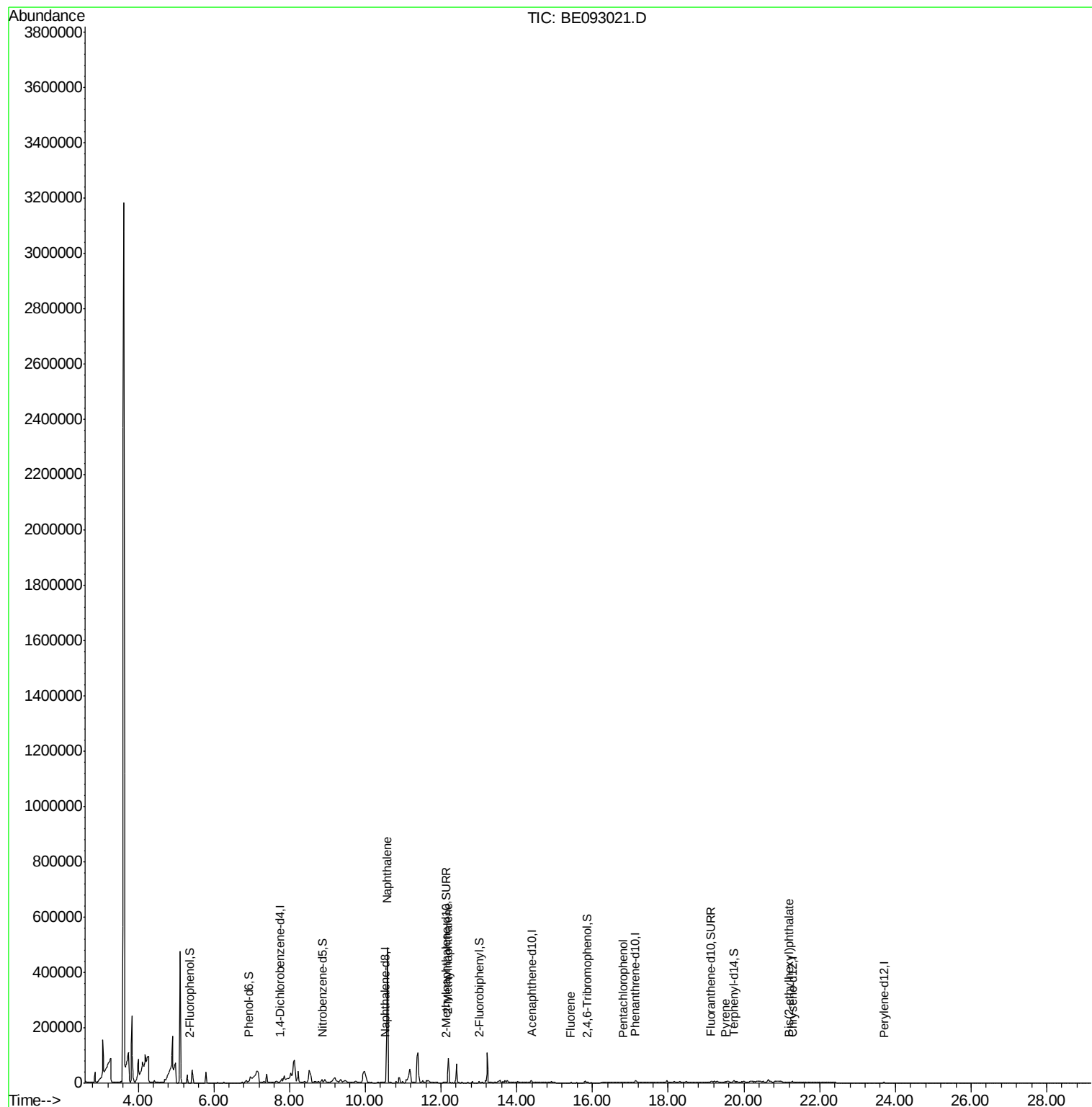
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.58	128	676564	67.02	ng	# 95
12) 2-Methylnaphthalene	12.19	142	61200	10.34	ng	100
18) Fluorene	15.43	166	1508	0.05	ng	# 83
22) Pentachlorophenol	16.82	266	24	0.11	ng	# 87
28) Pyrene	19.51	202	2380	0.03	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.20	149	2043	0.40	ng	# 76

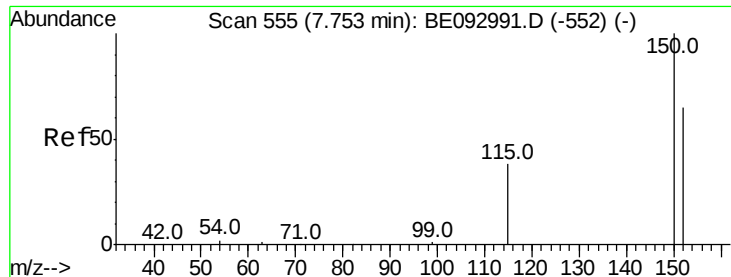
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093021.D

Acq: 12 May 2017 17:01

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BNA_E

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LF001MW001-170509

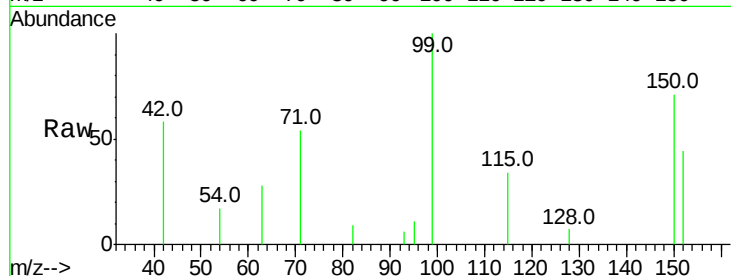
Tot Ion:152 Resp: 988

Ion Ratio Lower Upper

152 100

150 160.9 125.1 187.7

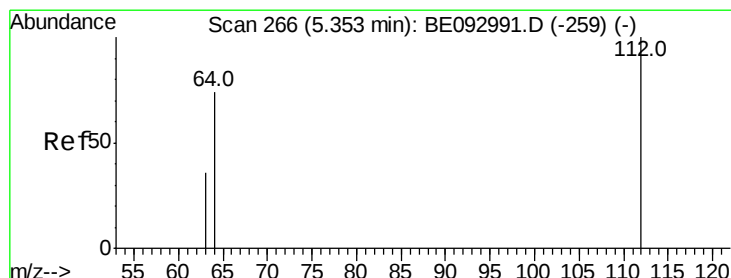
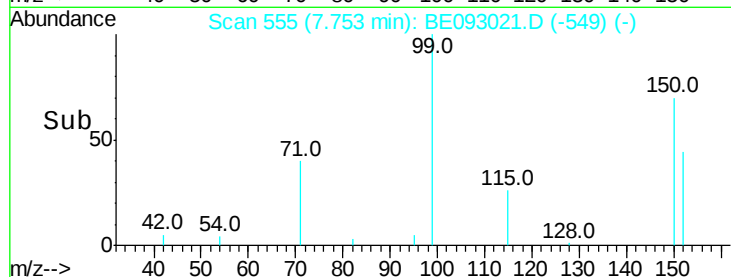
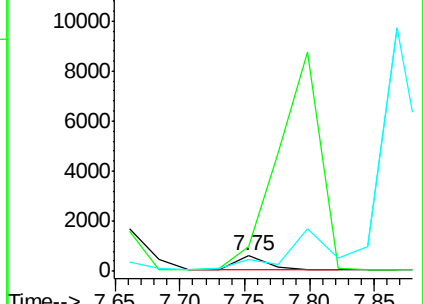
115 77.5 55.7 83.5



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



#4

2-Fluorophenol

Concen: 0.25 ng

RT: 5.37 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

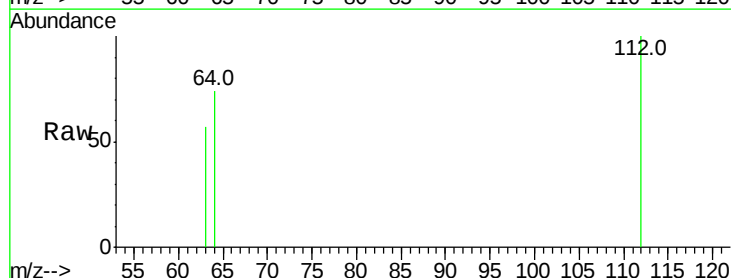
Tgt Ion:112 Resp: 682

Ion Ratio Lower Upper

112 100

64 0.0 56.4 84.6#

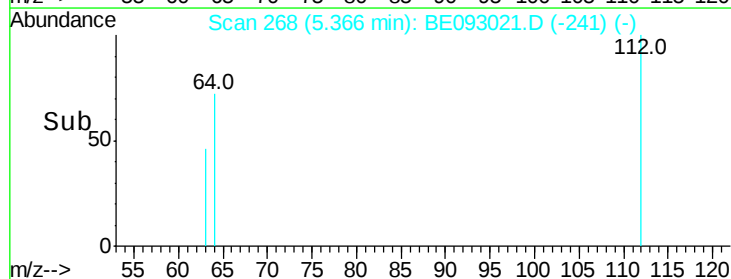
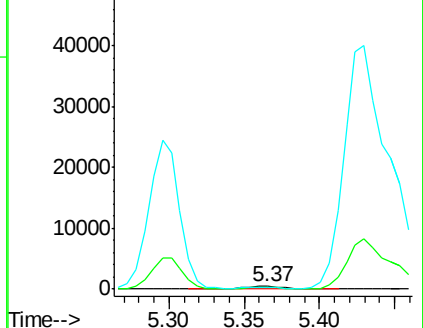
63 0.0 29.3 43.9#

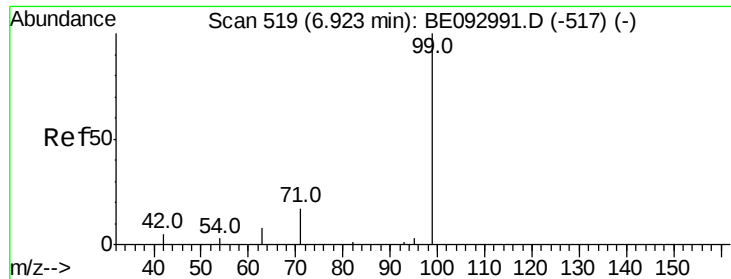


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.31 ng/ml

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509

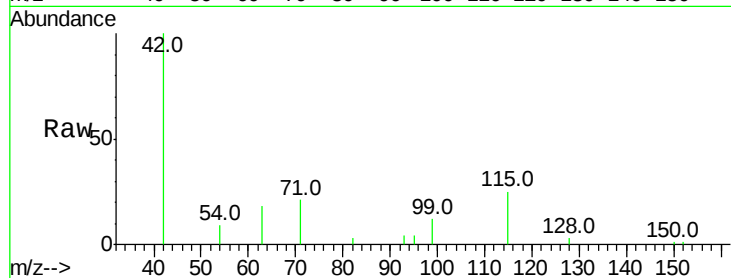
Tot Ion: 99 Resp: 1066

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

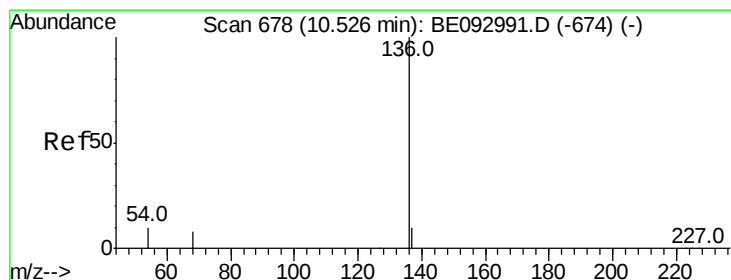
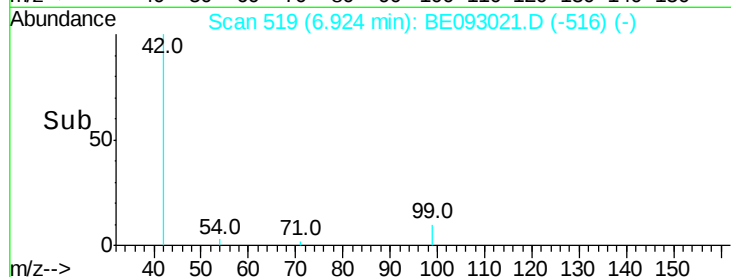
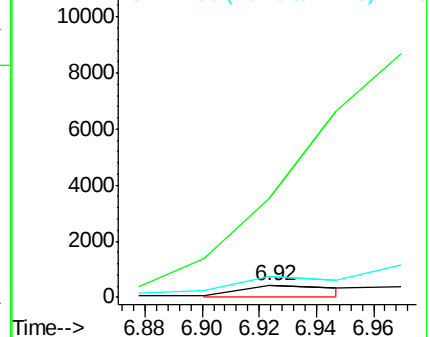
71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BE092991.D (-517) (-)

Ion 42.00 (41.70 to 42.70): BE092991.D (-517) (-)

Ion 71.00 (70.70 to 71.70): BE092991.D (-517) (-)



#7

Naphthalene-d8

Concen: 0.40 ng/ml

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

Tgt Ion: 136 Resp: 3791

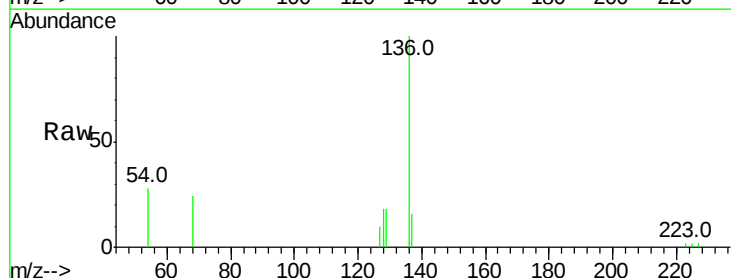
Ion Ratio Lower Upper

136 100

137 16.1 9.8 14.8#

54 27.6 10.3 15.5#

68 24.1 9.0 13.4#

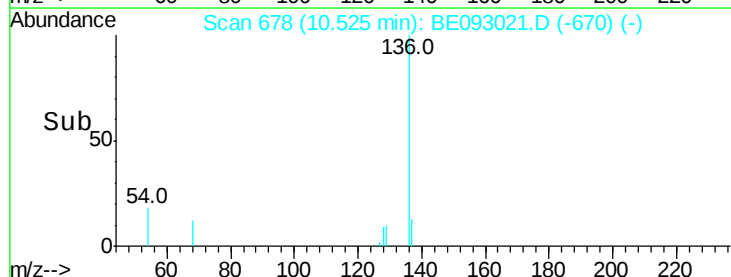
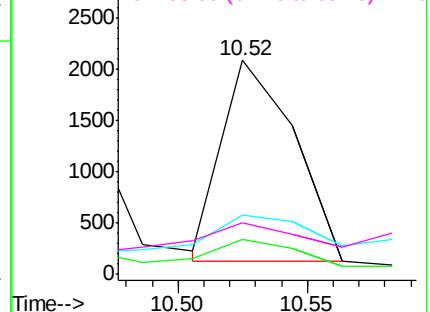


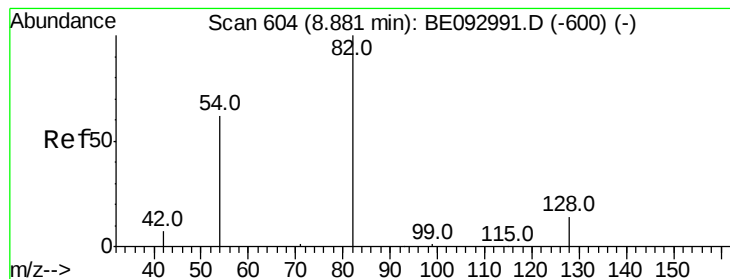
Abundance Ion 136.00 (135.70 to 136.70): BE092991.D (-674) (-)

Ion 137.00 (136.70 to 137.70): BE092991.D (-674) (-)

Ion 54.00 (53.70 to 54.70): BE092991.D (-674) (-)

Ion 68.00 (67.70 to 68.70): BE092991.D (-674) (-)





#8

Nitrobenzene-d5

Concen: 0.89 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509

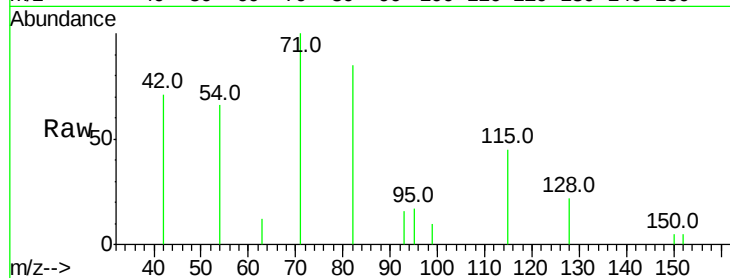
Tot Ion: 82 Resp: 2630

Ion Ratio Lower Upper

82 100

128 25.7 17.0 25.4#

54 78.4 53.8 80.6

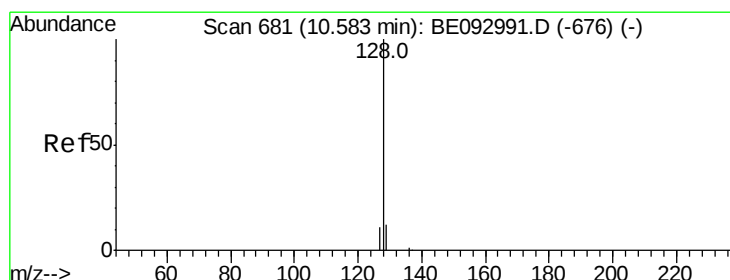
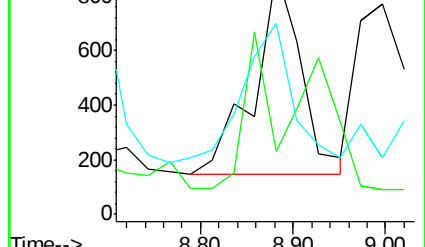
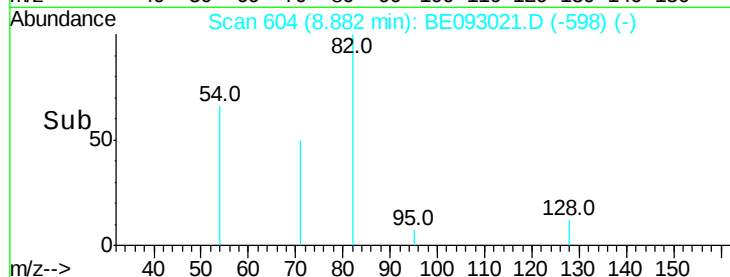


Abundance Ion 82.00 (81.70 to 82.70): BE092991.D (-600) (-)

Ion 128.00 (127.70 to 128.70): BE092991.D (-600) (-)

Ion 54.00 (53.70 to 54.70): BE092991.D (-600) (-)

Time-->



#9

Naphthalene

Concen: 67.02 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

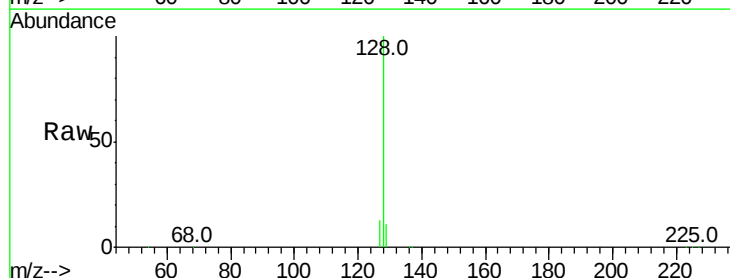
Tgt Ion: 128 Resp: 676564

Ion Ratio Lower Upper

128 100

129 11.2 11.4 17.0#

127 13.0 11.2 16.8

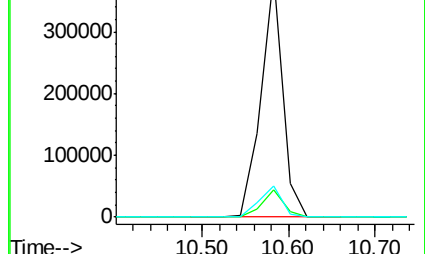
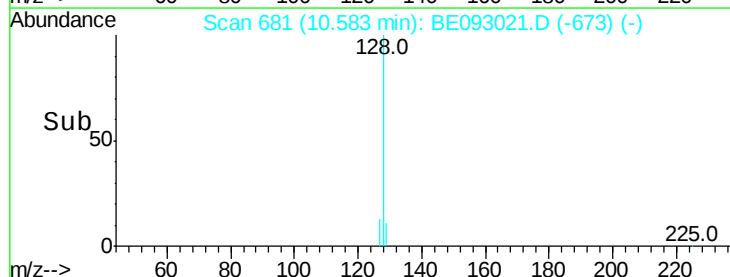


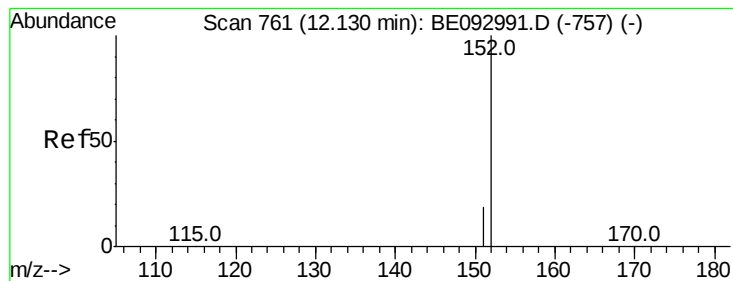
Abundance Ion 128.00 (127.70 to 128.70): BE092991.D (-676) (-)

Ion 129.00 (128.70 to 129.70): BE092991.D (-676) (-)

Ion 127.00 (126.70 to 127.70): BE092991.D (-676) (-)

Time-->

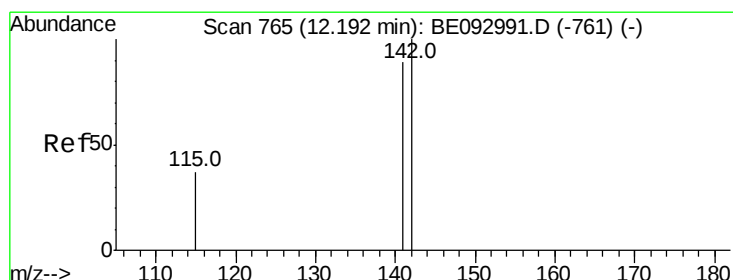
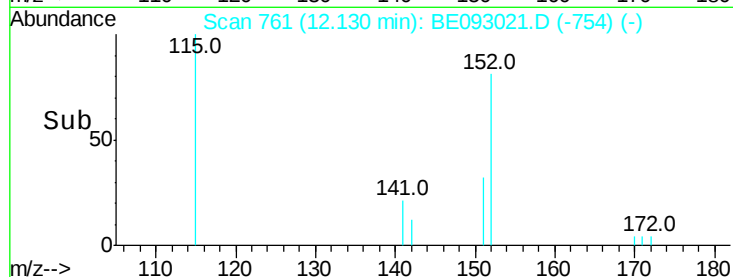
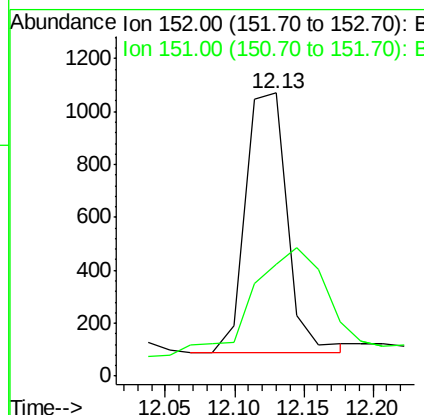
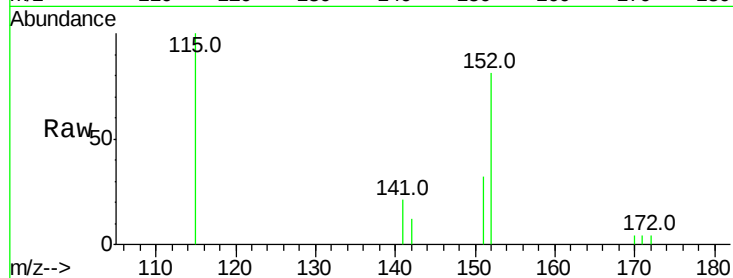




#11
 2-Methylnaphthalene-d10
 Concen: 0.39 ng
 RT: 12.13 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE093021.D
 Acq: 12 May 2017 17:01

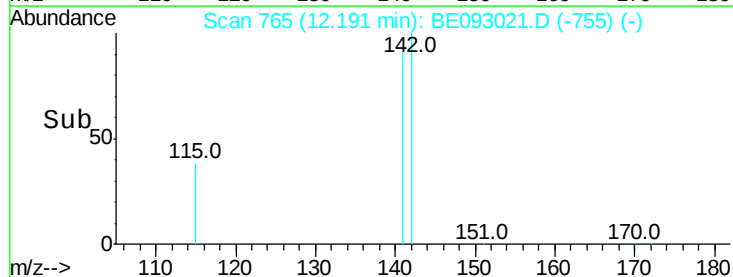
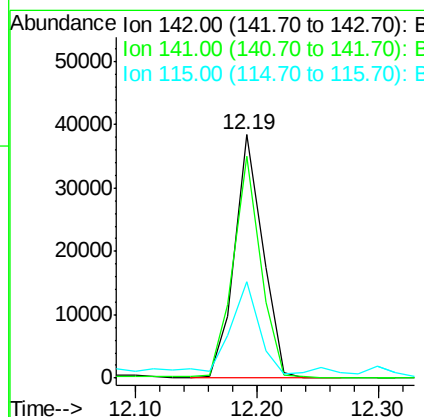
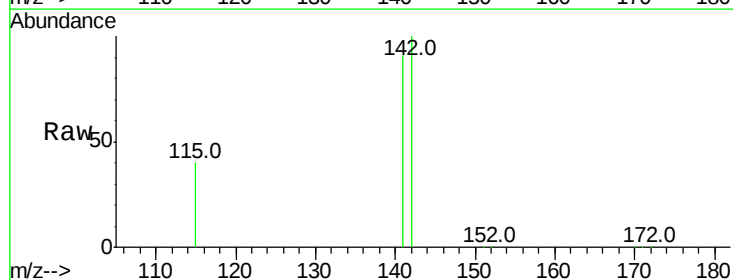
Instrument :
 BNA_E
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 LF001MW001-170509

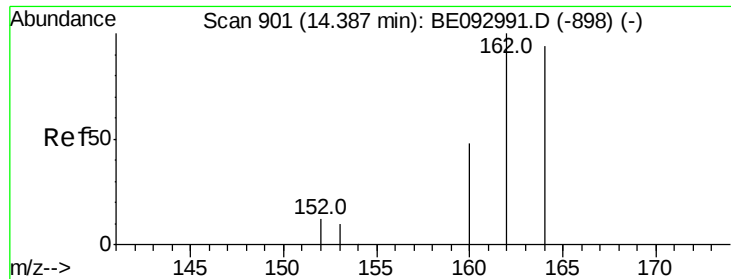
Tot Ion:152 Resp: 2081
 Ion Ratio Lower Upper
 152 100
 151 75.3 15.1 22.7#



#12
 2-Methylnaphthalene
 Concen: 10.34 ng
 RT: 12.19 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE093021.D
 Acq: 12 May 2017 17:01

Tgt Ion:142 Resp: 61200
 Ion Ratio Lower Upper
 142 100
 141 90.9 72.6 108.8
 115 39.7 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: BE093021.D

Acq: 12 May 2017 17:01

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509

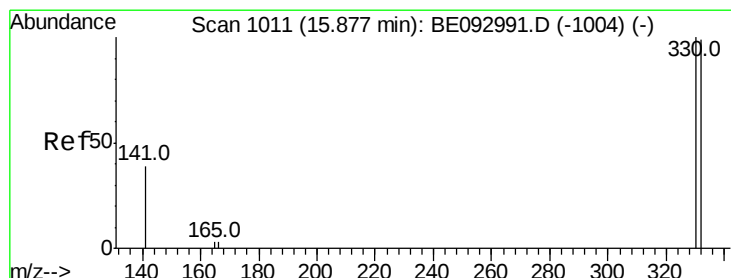
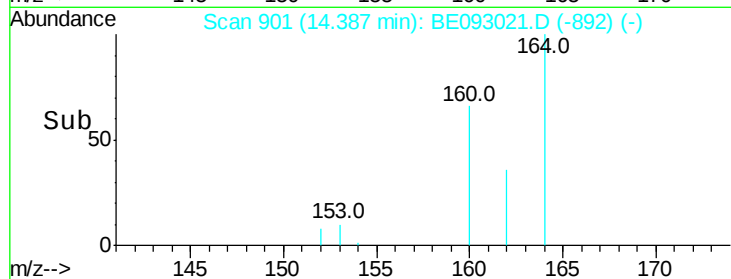
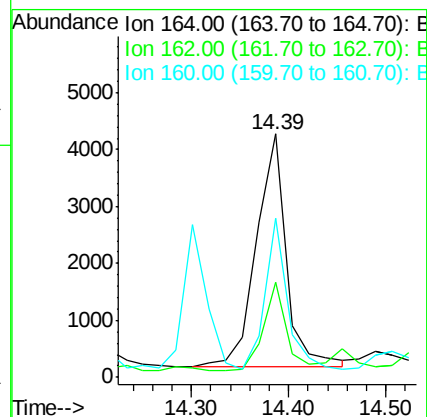
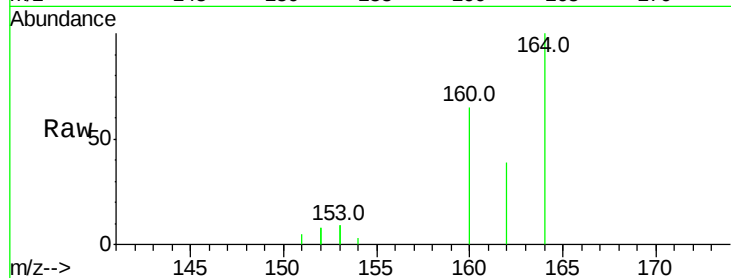
Tot Ion:164 Resp: 8676

Ion Ratio Lower Upper

164 100

162 38.9 84.6 127.0#

160 65.3 41.8 62.6#



#14

2,4,6-Tribromophenol

Concen: 0.13 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

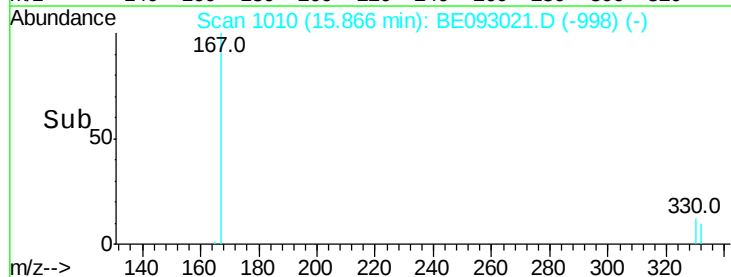
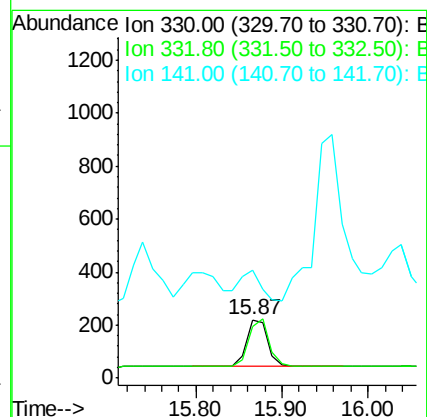
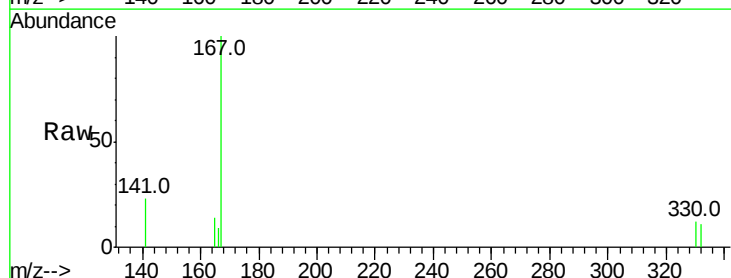
Tgt Ion:330 Resp: 314

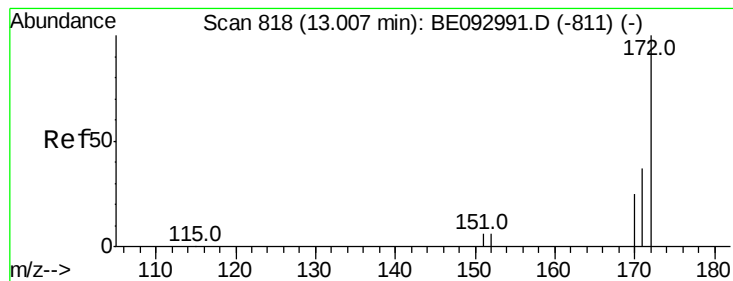
Ion Ratio Lower Upper

330 100

332 95.2 77.7 116.5

141 55.4 56.2 84.4#





#15

2-Fluorobiphenyl

Concen: 0.12 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

Instrument :

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ClientSampleId :

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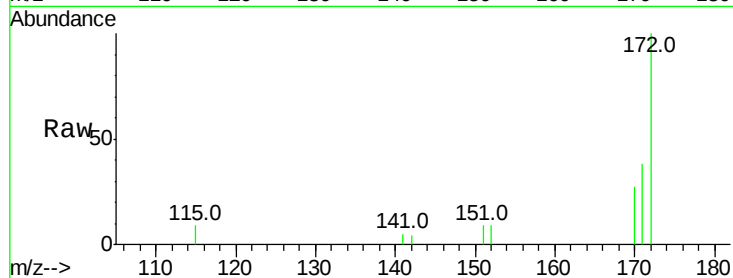
Tot Ion:172 Resp: 3998

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

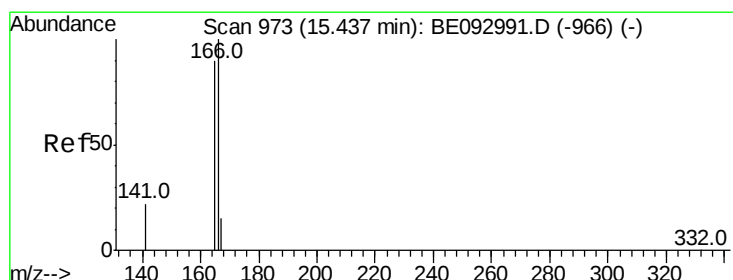
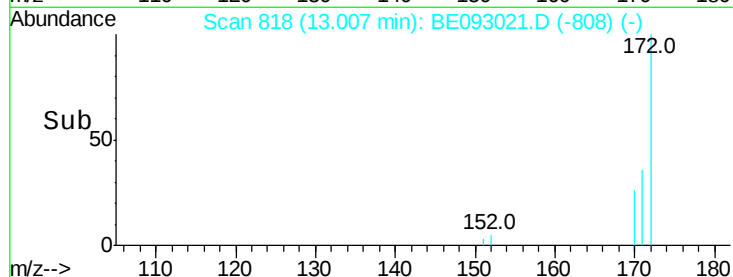
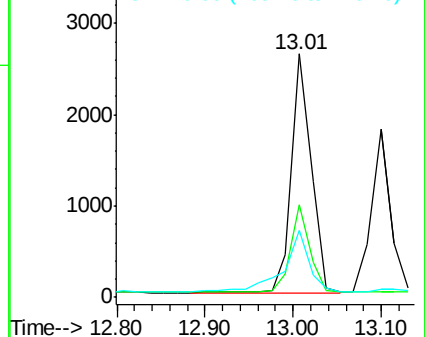
170 27.4 20.7 31.1



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



#18

Fluorene

Concen: 0.05 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

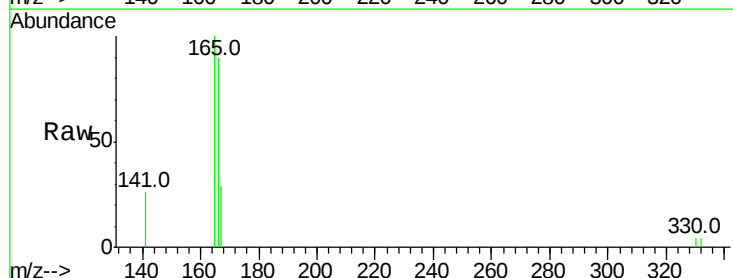
Tgt Ion:166 Resp: 1508

Ion Ratio Lower Upper

166 100

165 80.7 78.6 117.8

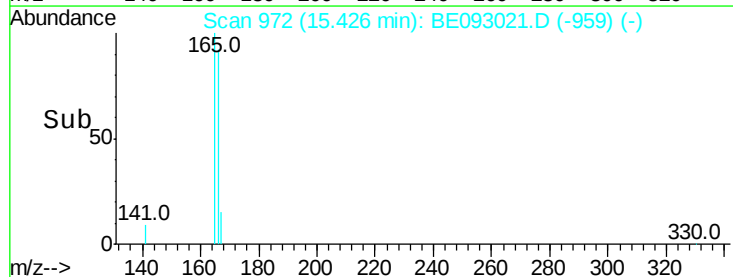
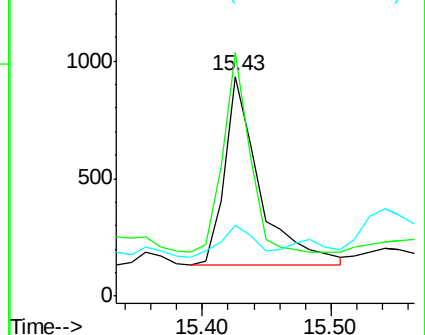
167 17.4 11.1 16.7#

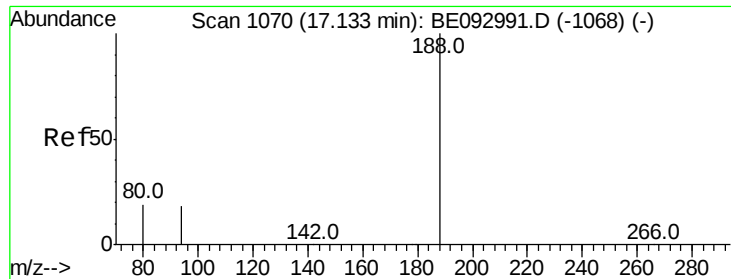


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

Instrument :

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LF001MW001-170509

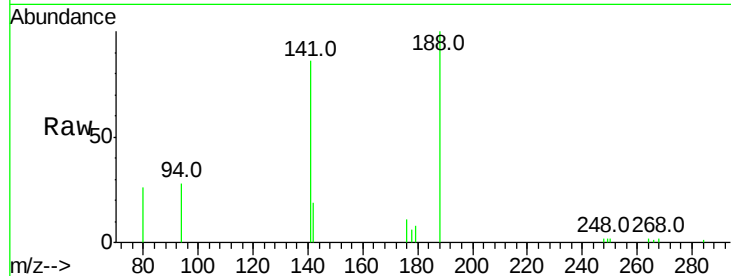
Tot Ion:188 Resp: 5557

Ion Ratio Lower Upper

188 100

94 28.2 11.3 16.9#

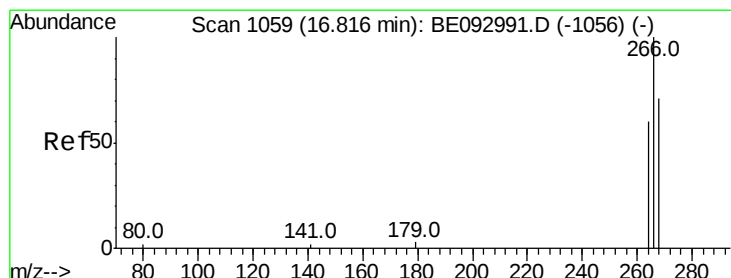
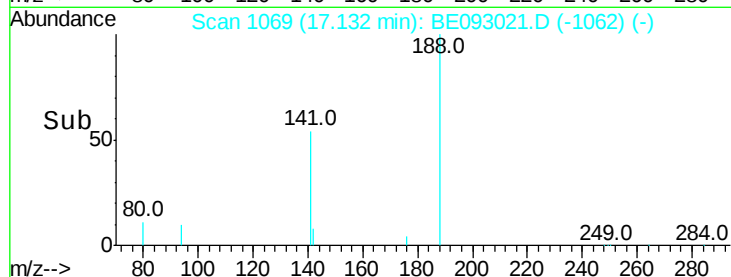
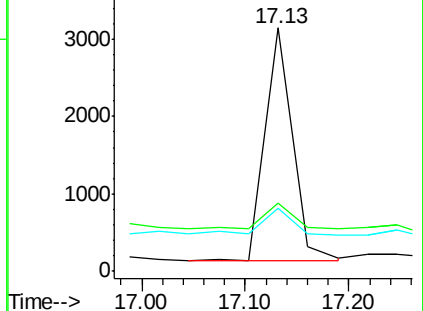
80 25.7 11.7 17.5#



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



#22

Pentachlorophenol

Concen: 0.11 ng

RT: 16.82 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

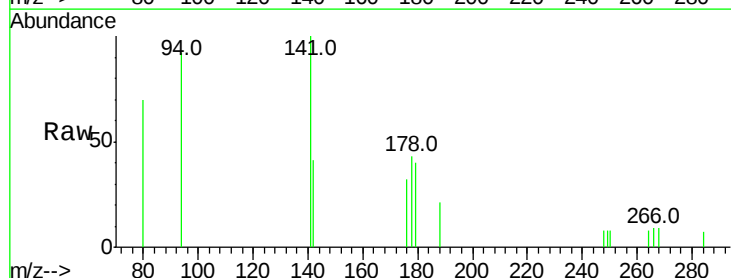
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 89.5 58.2 87.2#

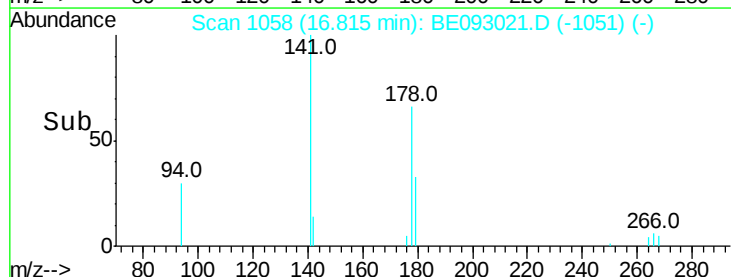
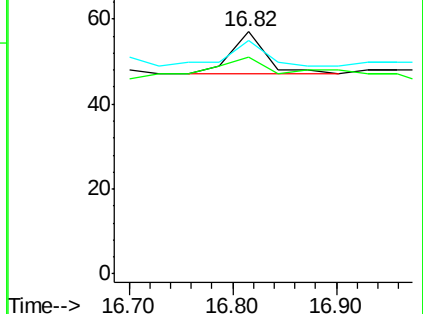
268 96.5 71.9 107.9

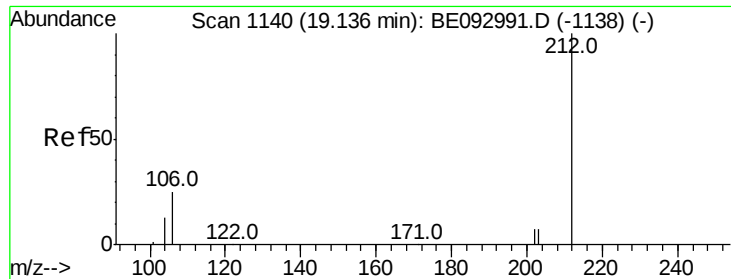


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

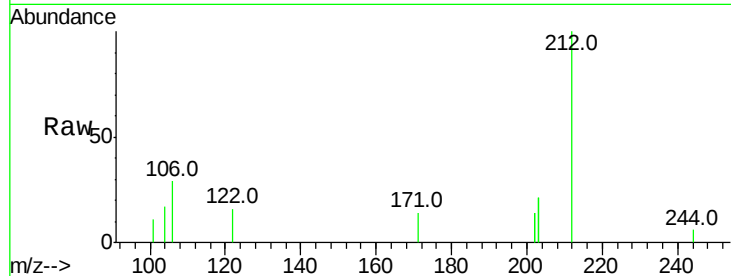




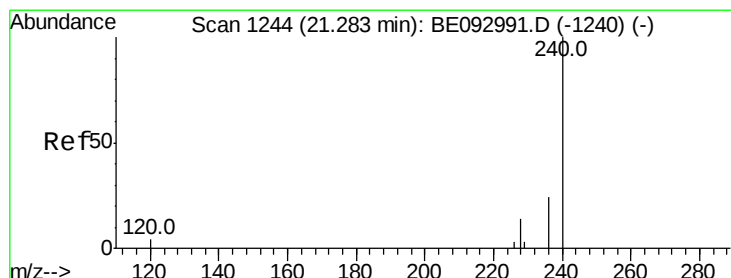
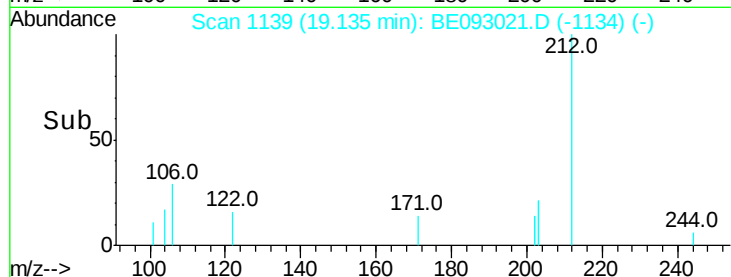
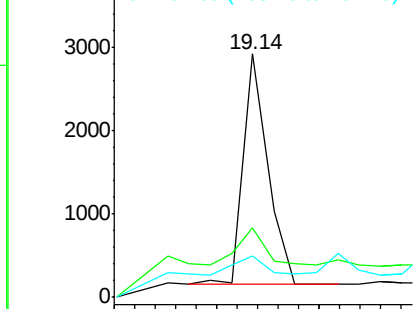
#25
 Fluoranthene-d10
 Concen: 0.31 ng
 RT: 19.14 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BE093021.D
 Acq: 12 May 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-170509

Tot Ion:212 Resp: 4608
 Ion Ratio Lower Upper
 212 100
 106 18.5 0.0 0.0#
 104 9.8 0.0 0.0#

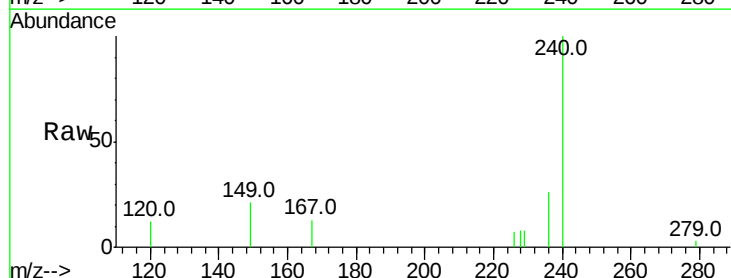


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

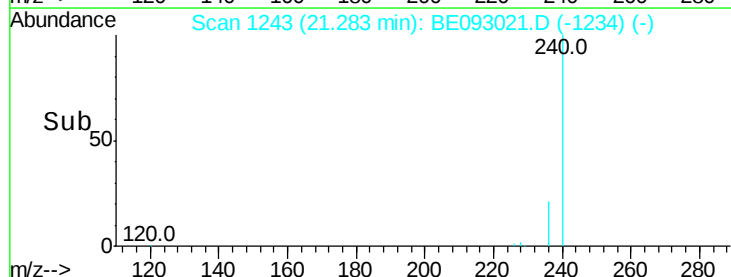
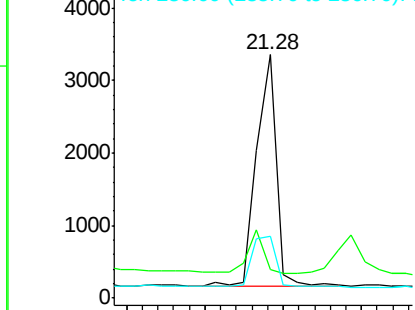


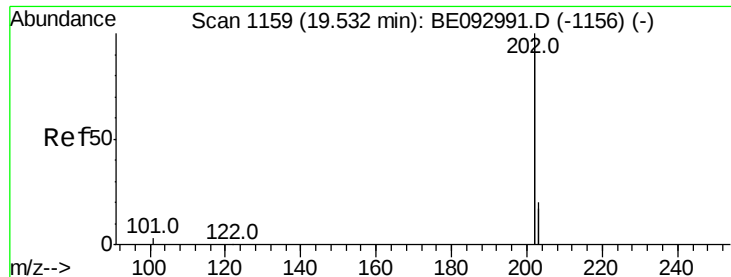
#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE093021.D
 Acq: 12 May 2017 17:01

Tgt Ion:240 Resp: 5676
 Ion Ratio Lower Upper
 240 100
 120 11.9 4.6 7.0#
 236 25.6 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





#28

Pvrene

Concen: 0.03 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509

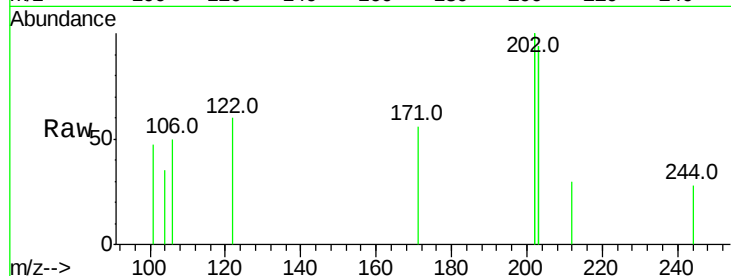
Tot Ion:202 Resp: 2380

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

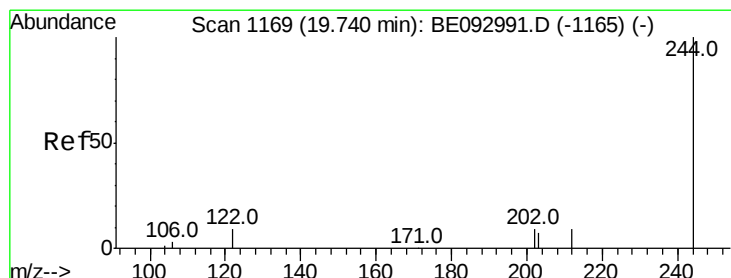
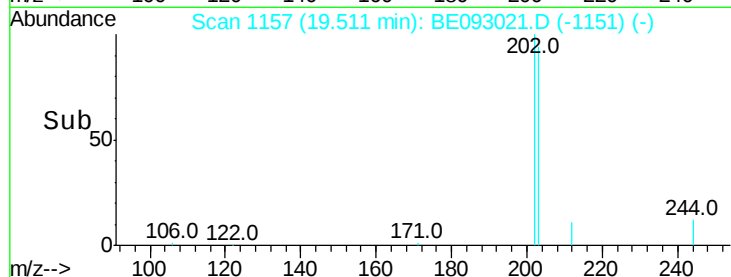
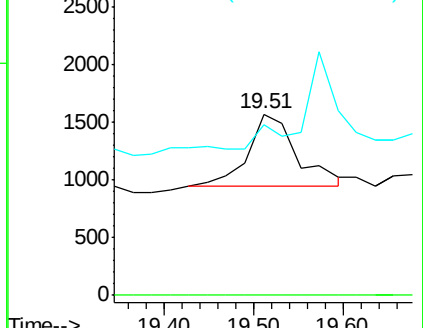
203 0.0 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.62 ng

RT: 19.74 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BE093021.D

Acq: 12 May 2017 17:01

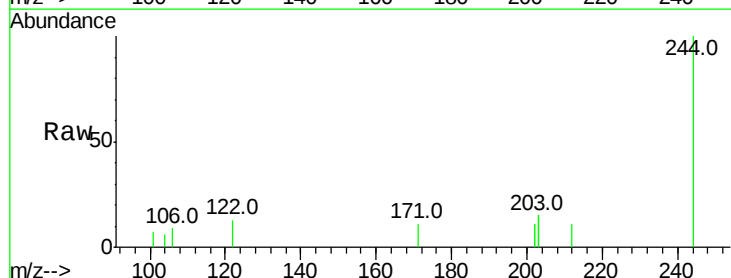
Tgt Ion:244 Resp: 6266

Ion Ratio Lower Upper

244 100

212 11.5 10.6 16.0

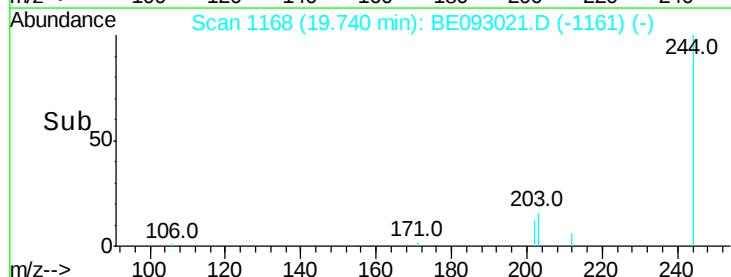
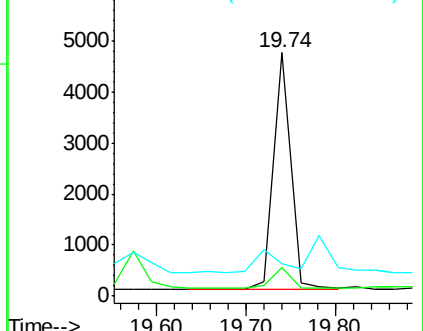
122 13.3 15.4 23.0#

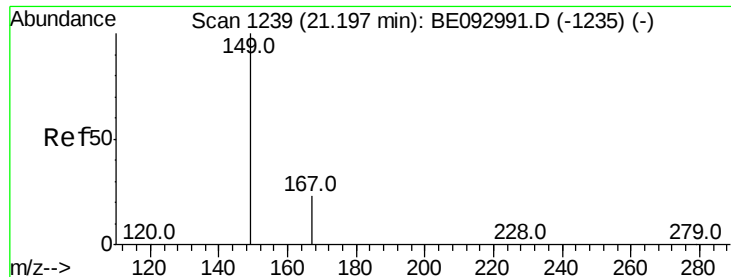


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

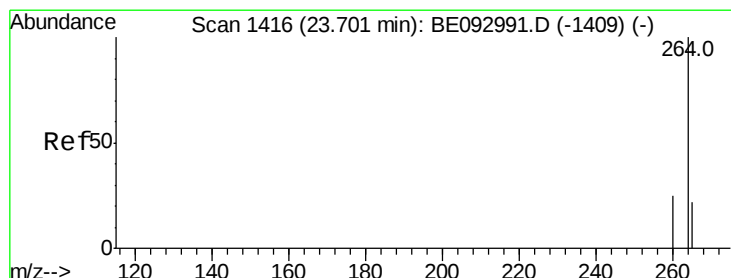
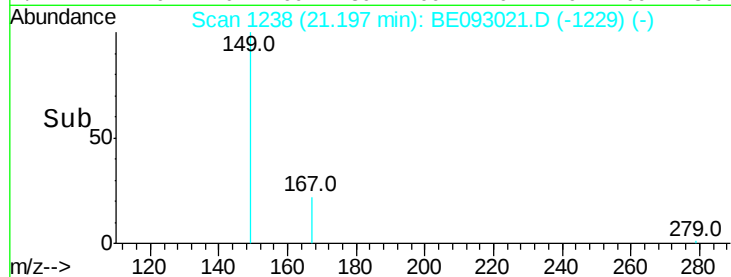
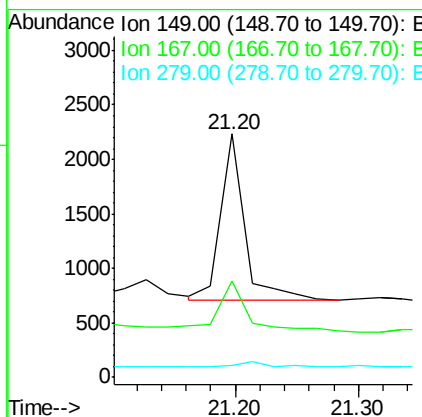
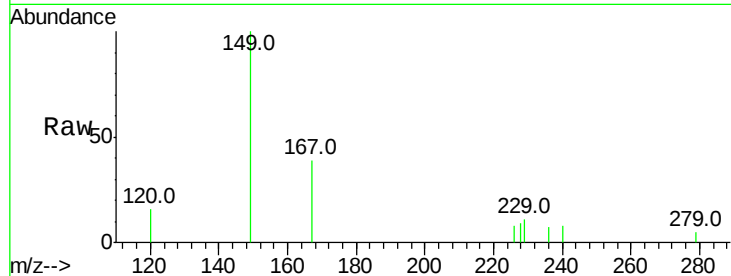




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 21.20 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BE093021.D
 Acq: 12 May 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-170509

Tot Ion:149 Resp: 2043
 Ion Ratio Lower Upper
 149 100
 167 38.1 20.1 30.1#
 279 3.5 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BE093021.D
 Acq: 12 May 2017 17:01

Tgt Ion:264 Resp: 4875
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.0 31.4
 265 30.2 24.6 36.8

