

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093041.D
 Acq On : 15 May 2017 19:18
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW002-170509

Quant Time: May 16 02:23:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

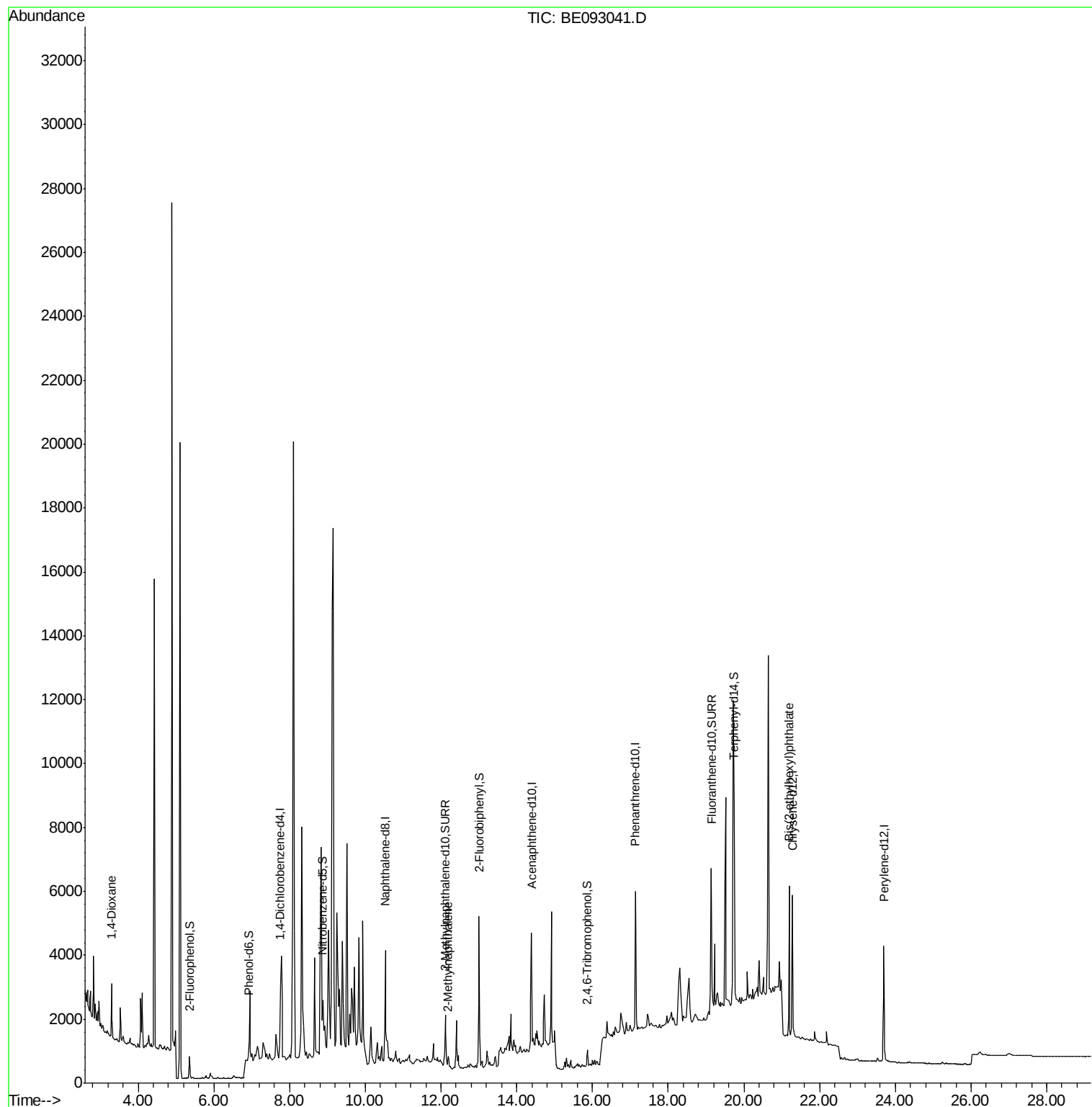
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1039	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4454	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2476	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6602	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6386	0.40	ng	0.00
34) Perylene-d12	23.69	264	5485	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	549	0.17	ng	0.00
5) Phenol-d6	6.92	99	487	0.11	ng	0.00
8) Nitrobenzene-d5	8.88	82	1947	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2121	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	331	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4314	0.42	ng	0.00
25) Fluoranthene-d10	19.14	212	5766	0.33	ng	0.00
29) Terphenyl-d14	19.74	244	7611	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	883	0.43	ng	# 70
12) 2-Methylnaphthalene	12.19	142	278	0.04	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	4436	0.50	ng	97

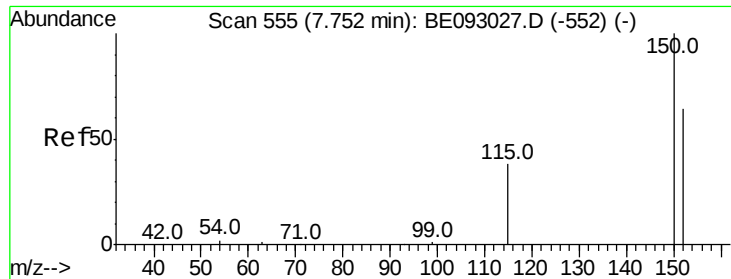
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

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BNA_E

ClientSampleId :

LF001MW002-170509

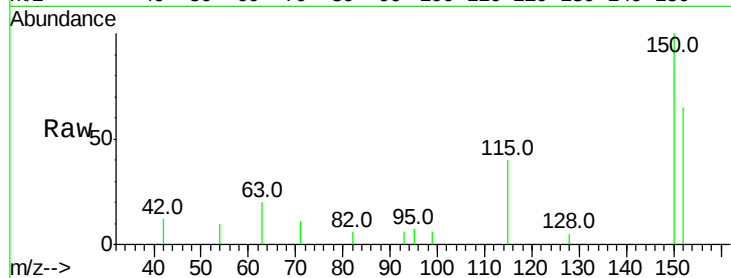
Tot Ion:152 Resp: 1039

Ion Ratio Lower Upper

152 100

150 155.0 125.1 187.7

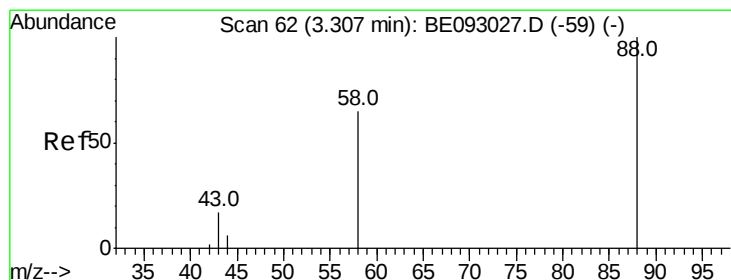
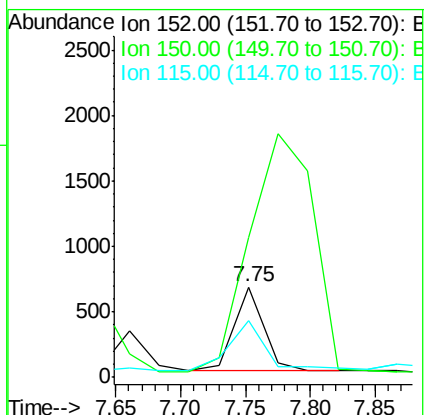
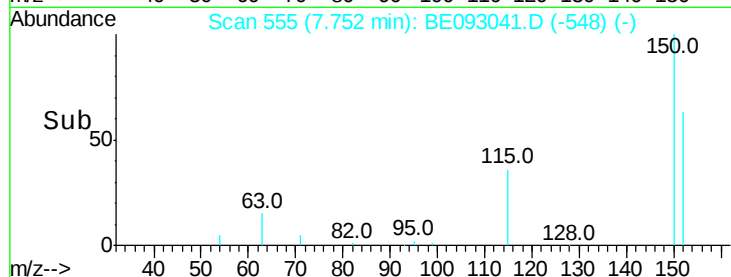
115 62.1 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.43 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

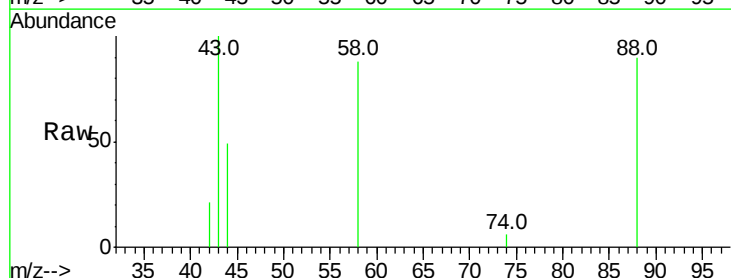
Tgt Ion: 88 Resp: 883

Ion Ratio Lower Upper

88 100

58 86.0 62.2 93.4

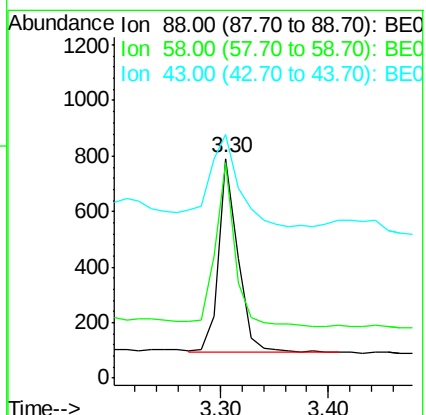
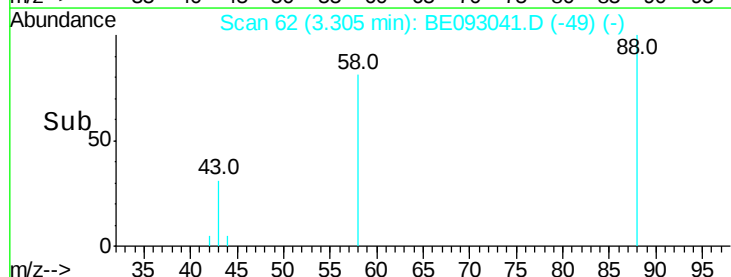
43 75.3 23.2 34.8#

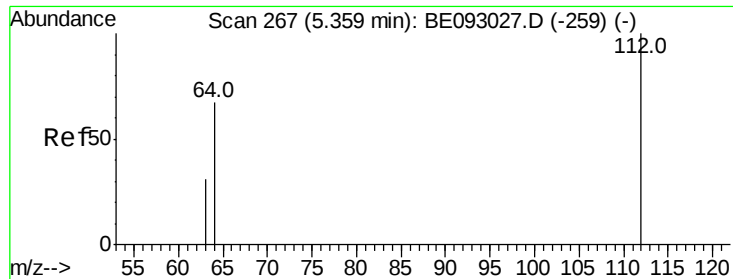


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.17 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-170509

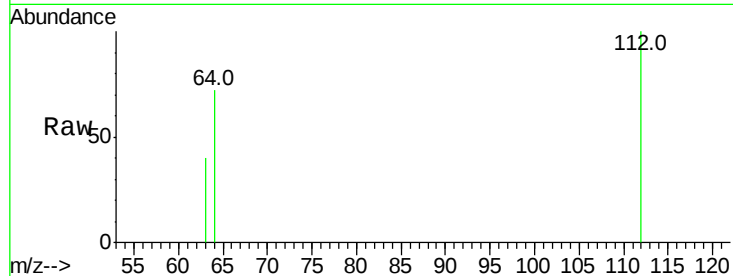
Tot Ion:112 Resp: 549

Ion Ratio Lower Upper

112 100

64 65.0 56.4 84.6

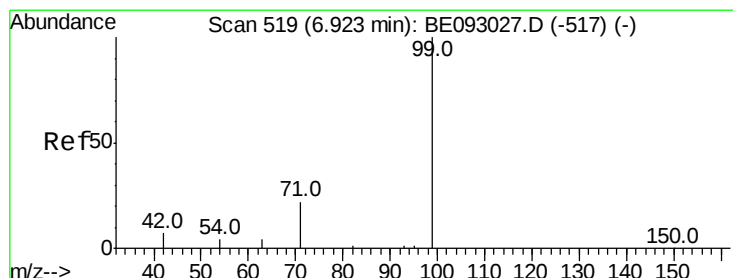
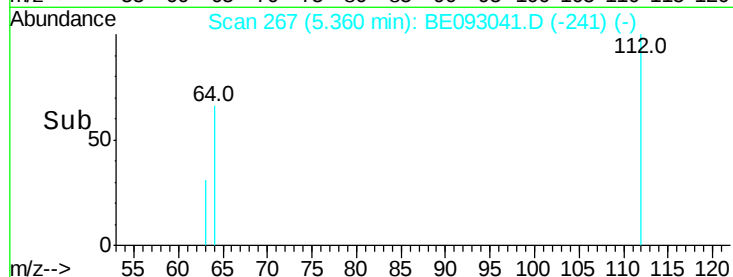
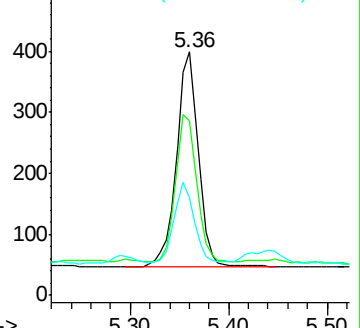
63 34.6 29.3 43.9



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

Phenol-d6

Concen: 0.11 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

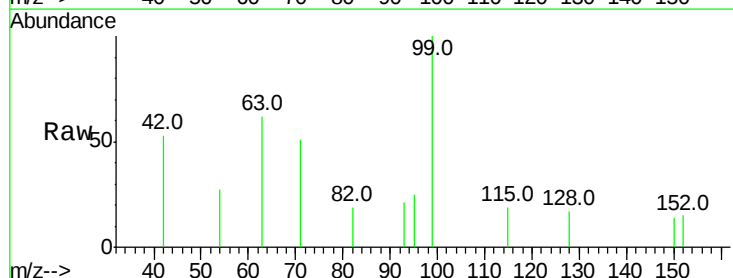
Tgt Ion: 99 Resp: 487

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

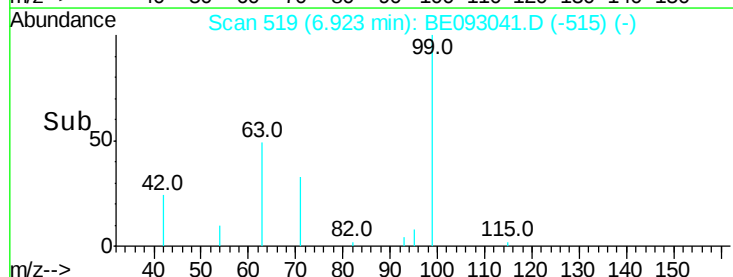
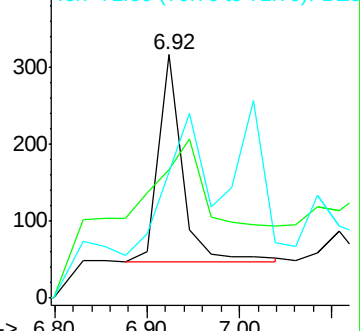
71 0.0 0.0 0.0

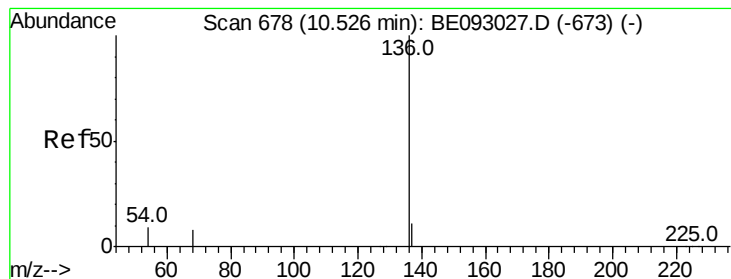


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-170509

Tot Ion:136 Resp: 4454

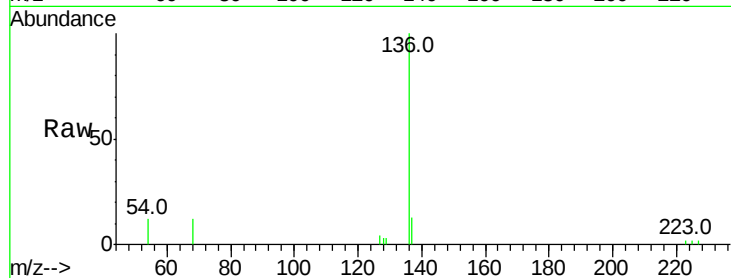
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 11.6 10.3 15.5

68 11.7 9.0 13.4

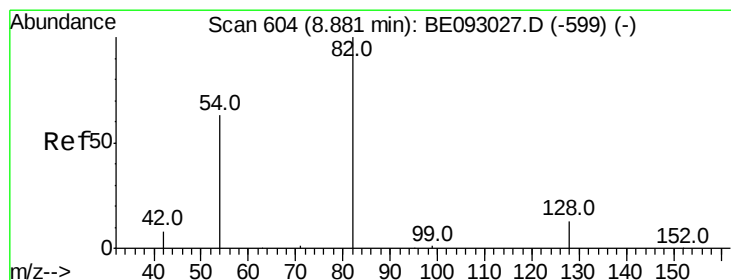
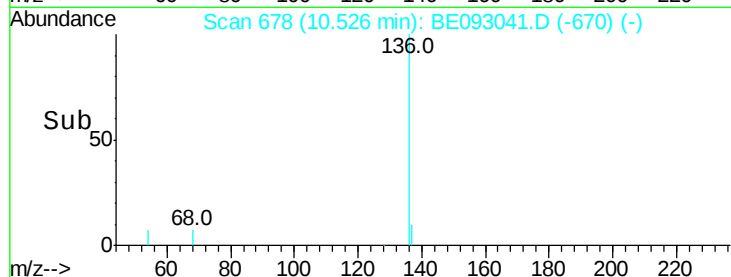
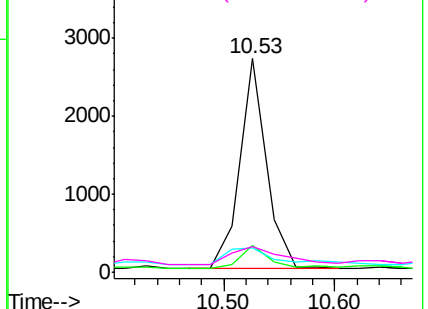


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.50 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

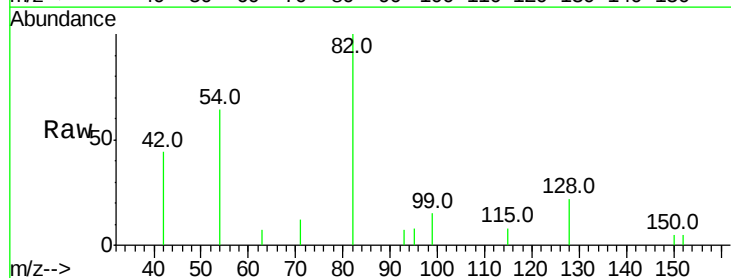
Tgt Ion: 82 Resp: 1947

Ion Ratio Lower Upper

82 100

128 22.3 17.0 25.4

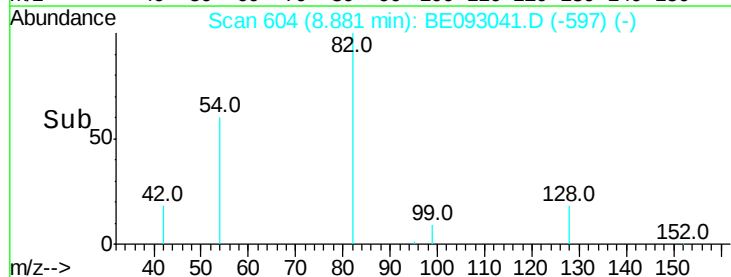
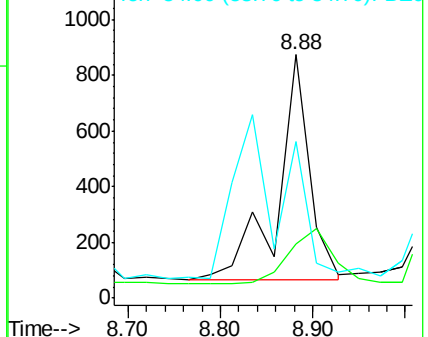
54 64.3 53.8 80.6

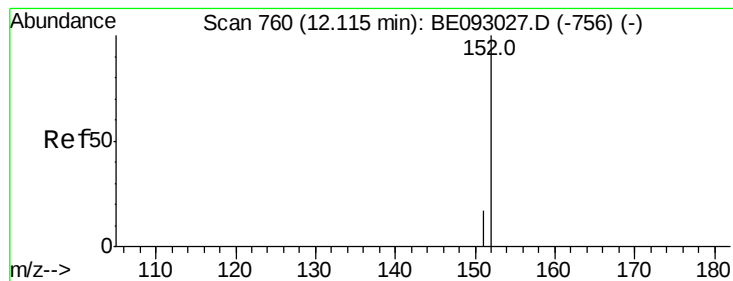


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.32 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

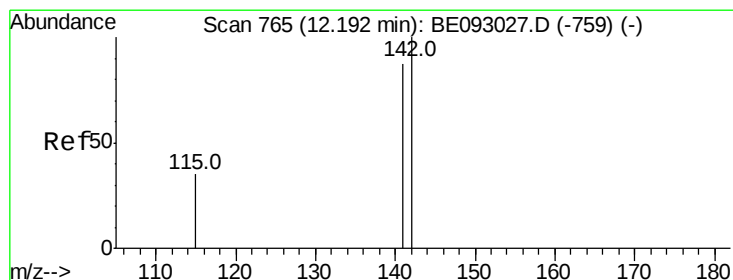
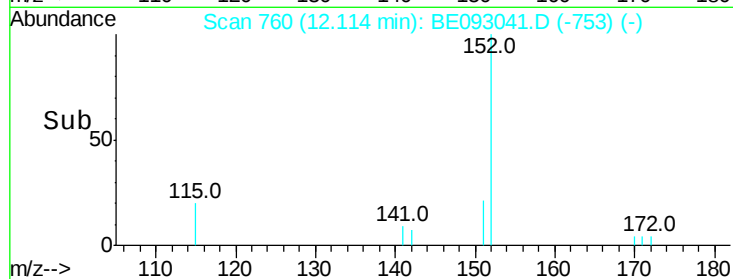
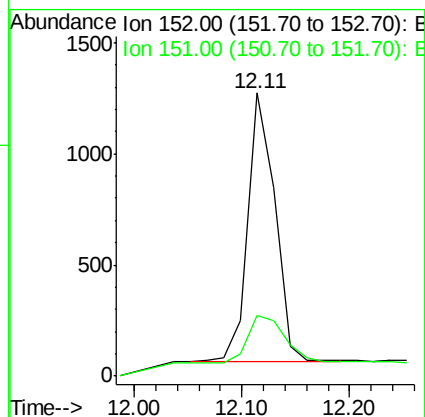
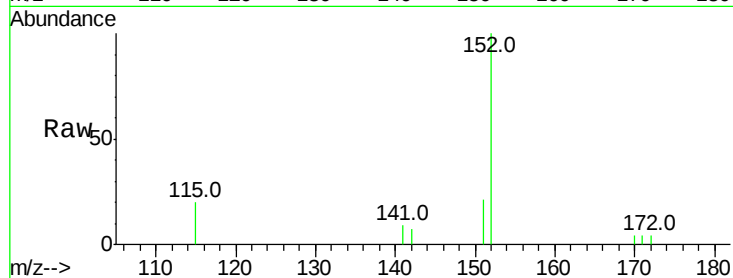
LF001MW002-170509

Tot Ion:152 Resp: 2121

Ion Ratio Lower Upper

152 100

151 24.1 15.1 22.7#



#12

2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

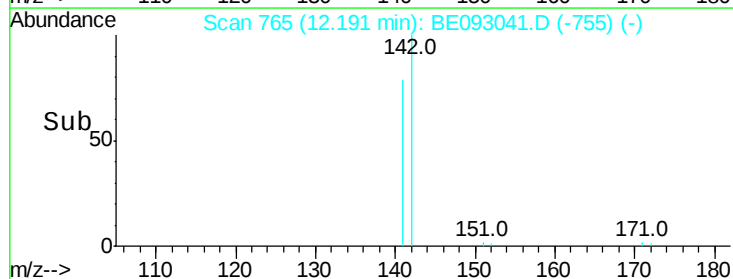
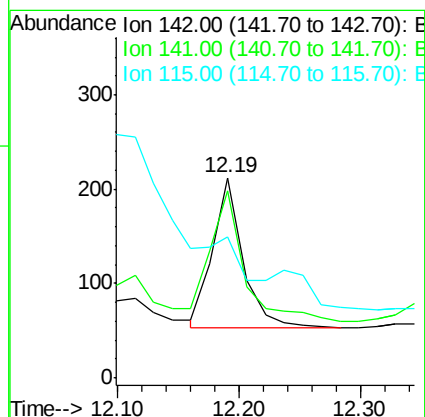
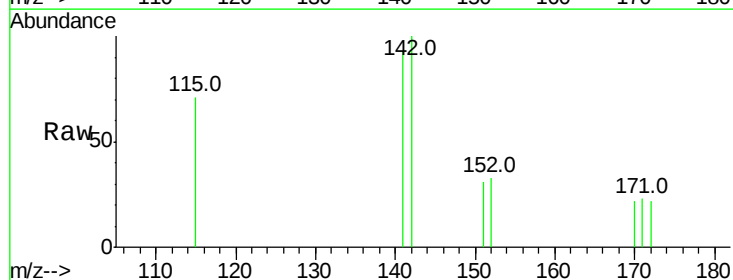
Tgt Ion:142 Resp: 278

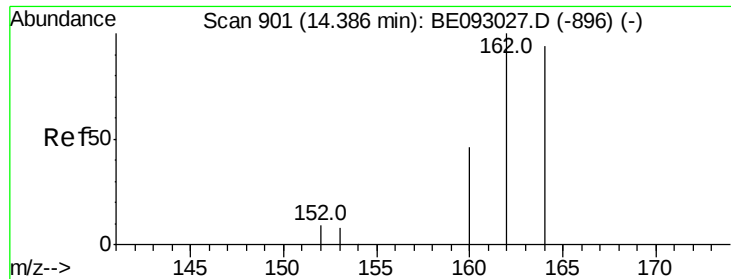
Ion Ratio Lower Upper

142 100

141 93.4 72.6 108.8

115 70.8 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: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

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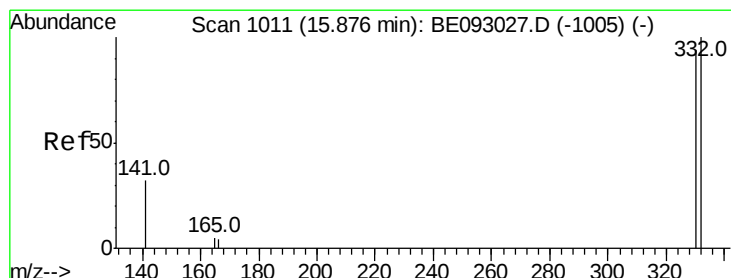
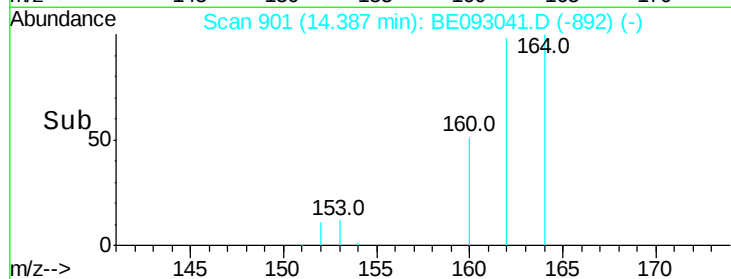
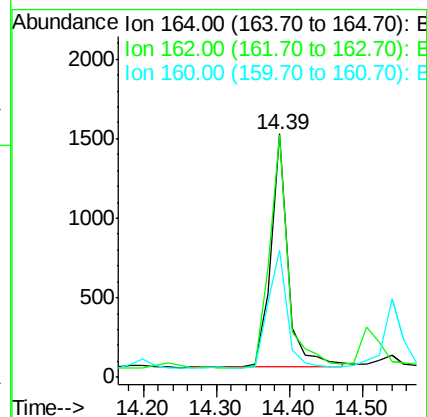
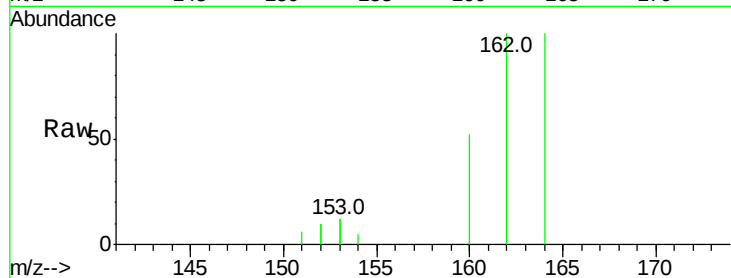
Tot Ion:164 Resp: 2476

Ion Ratio Lower Upper

164 100

162 99.6 84.6 127.0

160 52.3 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.45 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

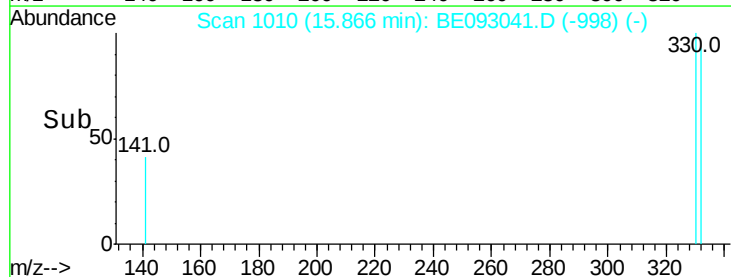
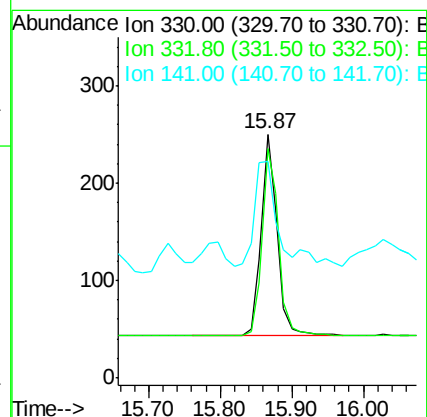
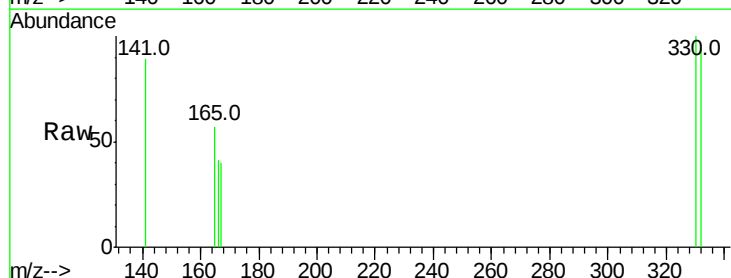
Tgt Ion:330 Resp: 331

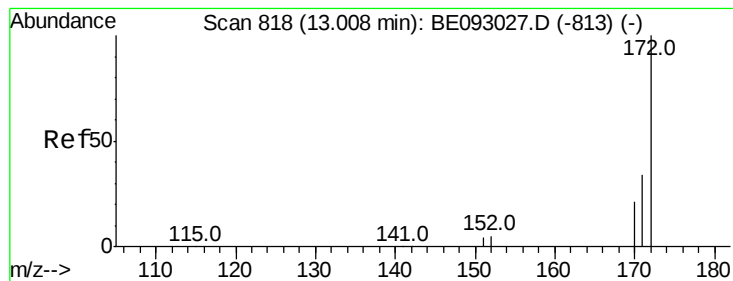
Ion Ratio Lower Upper

330 100

332 95.2 77.7 116.5

141 77.0 56.2 84.4





#15

2-Fluorobiphenyl

Concen: 0.42 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

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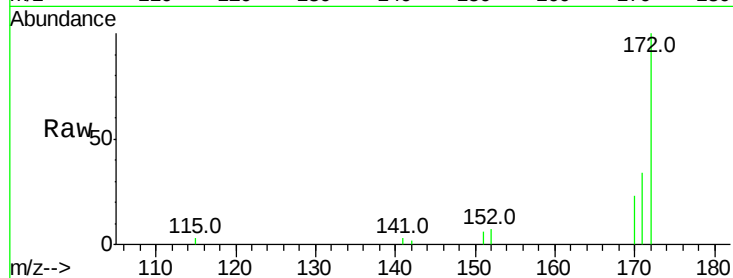
Tot Ion:172 Resp: 4314

Ion Ratio Lower Upper

172 100

171 34.4 29.8 44.6

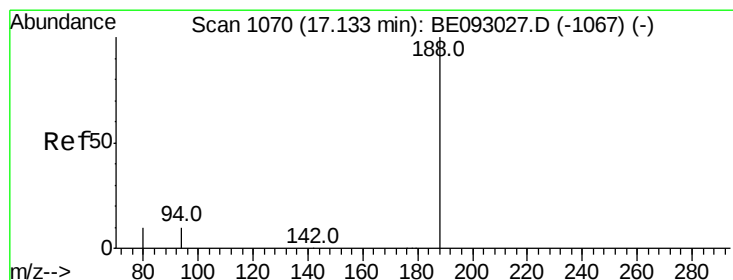
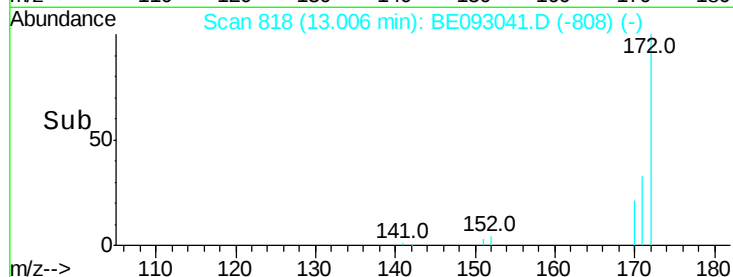
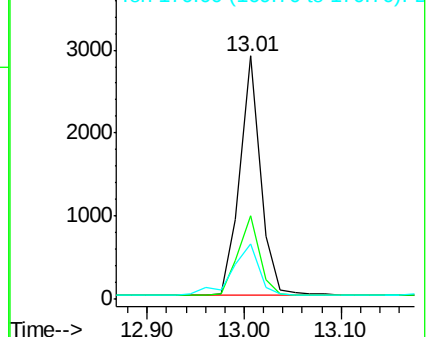
170 22.7 20.7 31.1



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# 1069

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

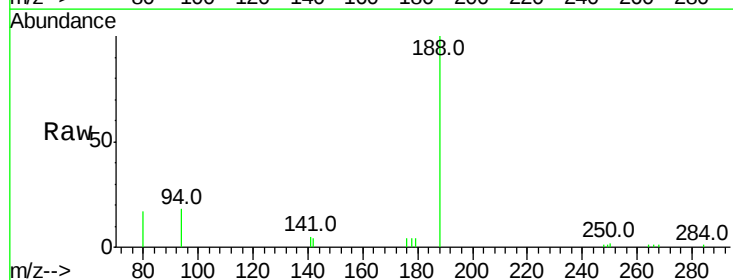
Tgt Ion:188 Resp: 6602

Ion Ratio Lower Upper

188 100

94 18.4 11.3 16.9#

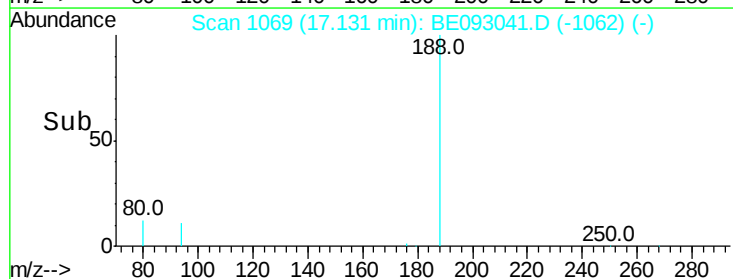
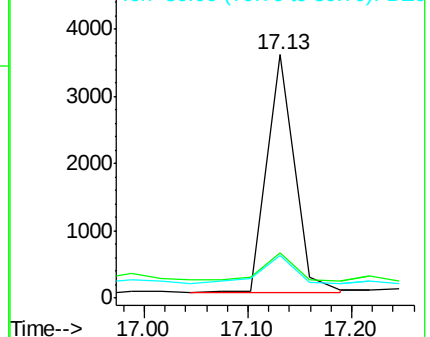
80 17.4 11.7 17.5

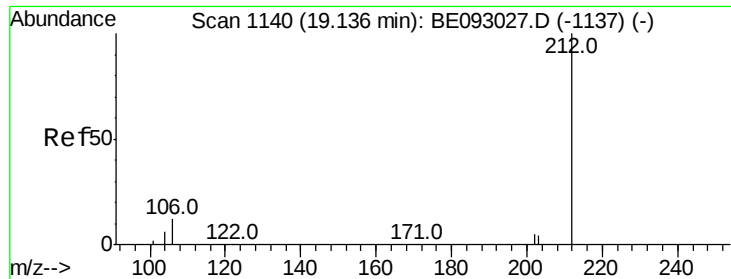


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.14 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

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ClientSampleId :

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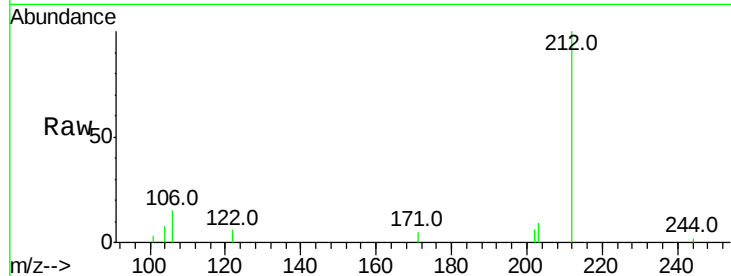
Tot Ion:212 Resp: 5766

Ion Ratio Lower Upper

212 100

106 16.0 0.0 0.0#

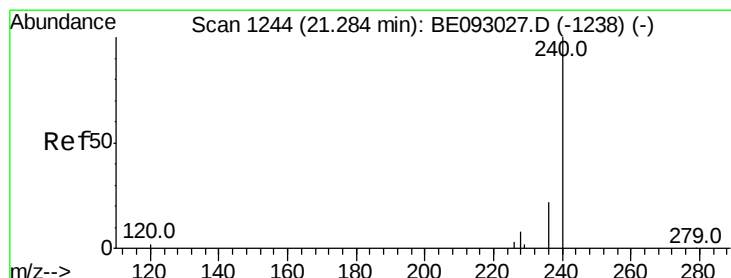
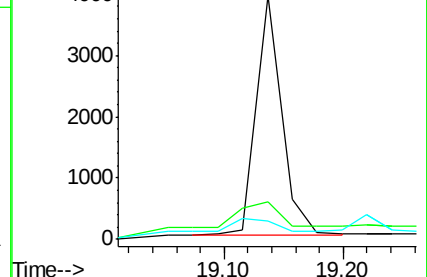
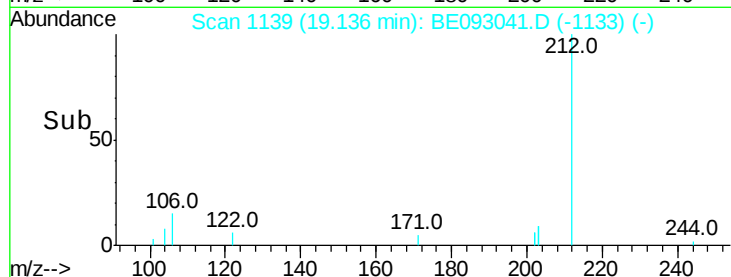
104 0.0 0.0 0.0



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# 1243

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

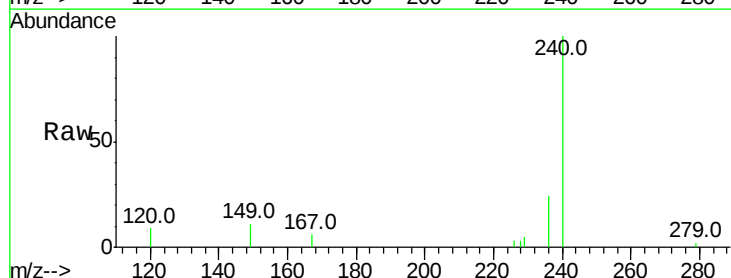
Tgt Ion:240 Resp: 6386

Ion Ratio Lower Upper

240 100

120 8.8 4.6 7.0#

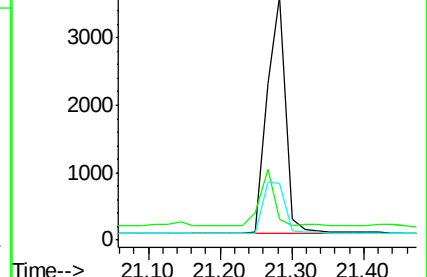
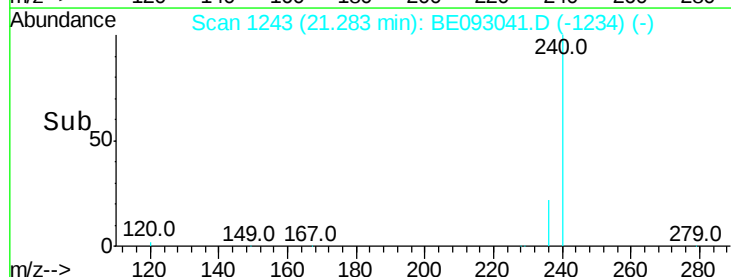
236 23.5 20.8 31.2

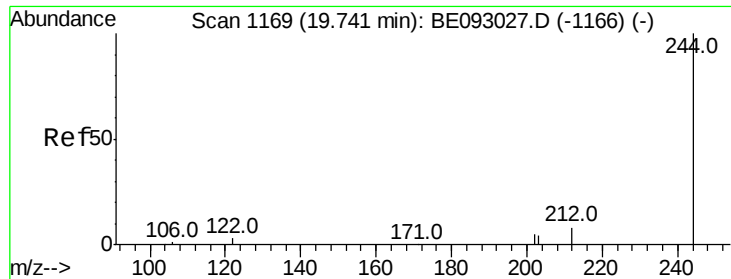


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.64 ng

RT: 19.74 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-170509

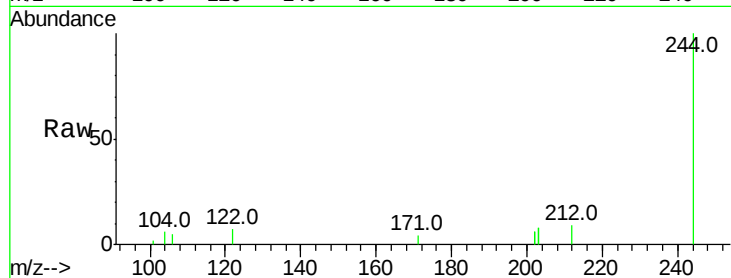
Tot Ion:244 Resp: 7611

Ion Ratio Lower Upper

244 100

212 9.3 10.6 16.0#

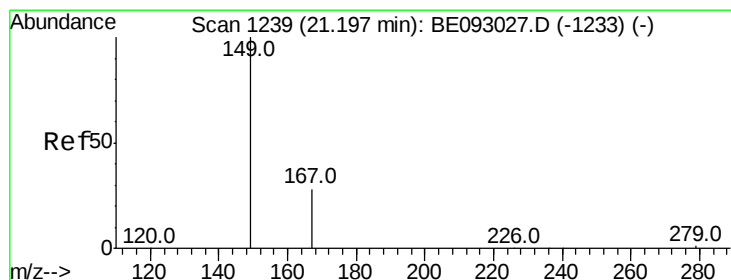
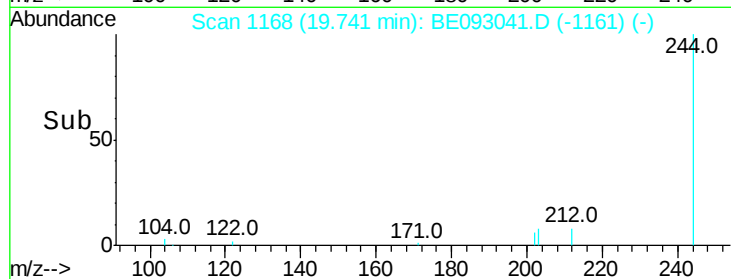
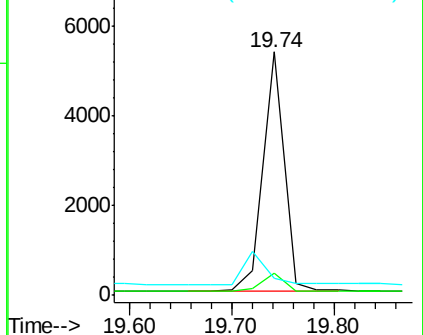
122 7.0 15.4 23.0#



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: 0.50 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

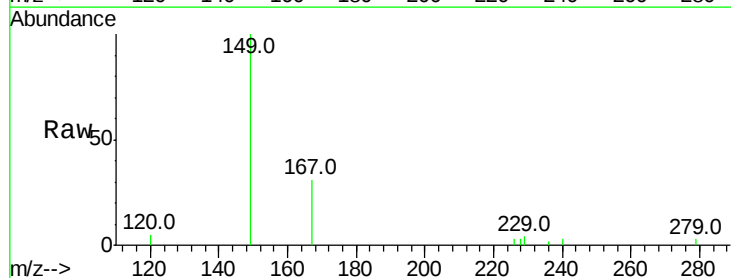
Tgt Ion:149 Resp: 4436

Ion Ratio Lower Upper

149 100

167 26.8 20.1 30.1

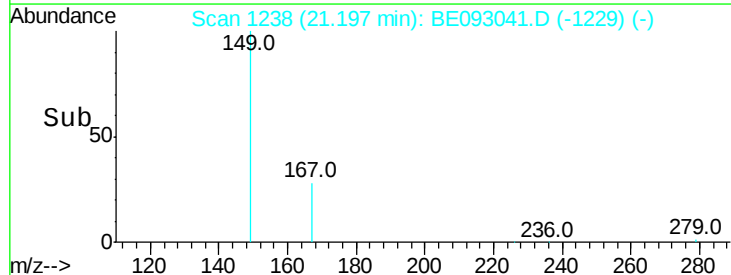
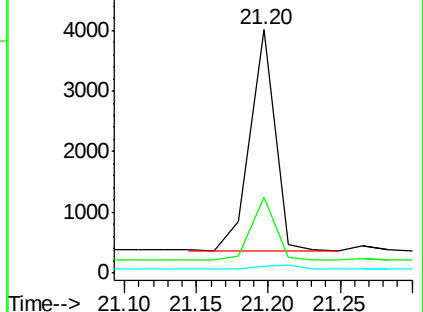
279 2.5 2.2 3.4

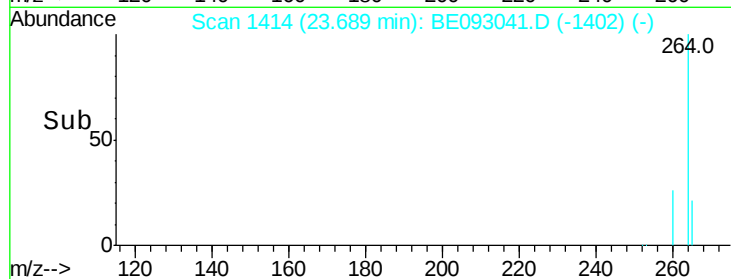
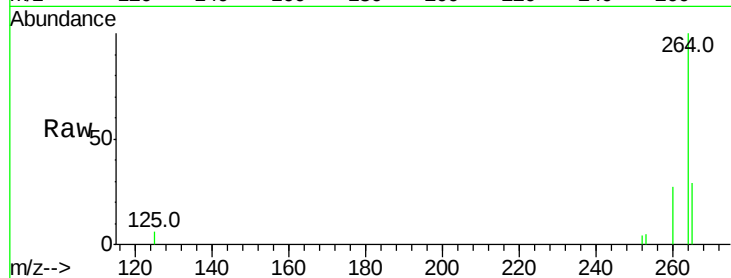
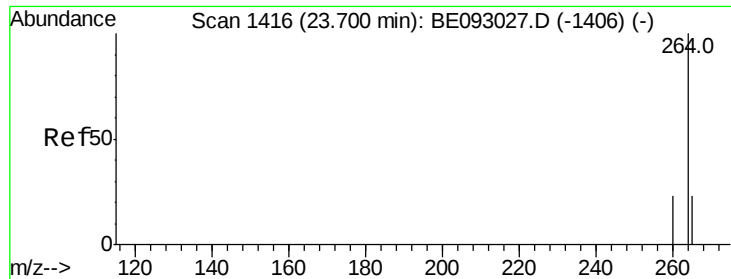


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BE093041.D

Acq: 15 May 2017 19:18

Instrument :

BNA_E

ClientSampleId :

LF001MW002-170509

Tot Ion: 264 Resp: 5485

Ion Ratio Lower Upper

264 100

260 27.4 21.0 31.4

265 28.6 24.6 36.8

