

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093040.D
 Acq On : 15 May 2017 18:42
 Operator : SJ/MA
 Sample : I3079-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW039-170509

Quant Time: May 16 02:19:17 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

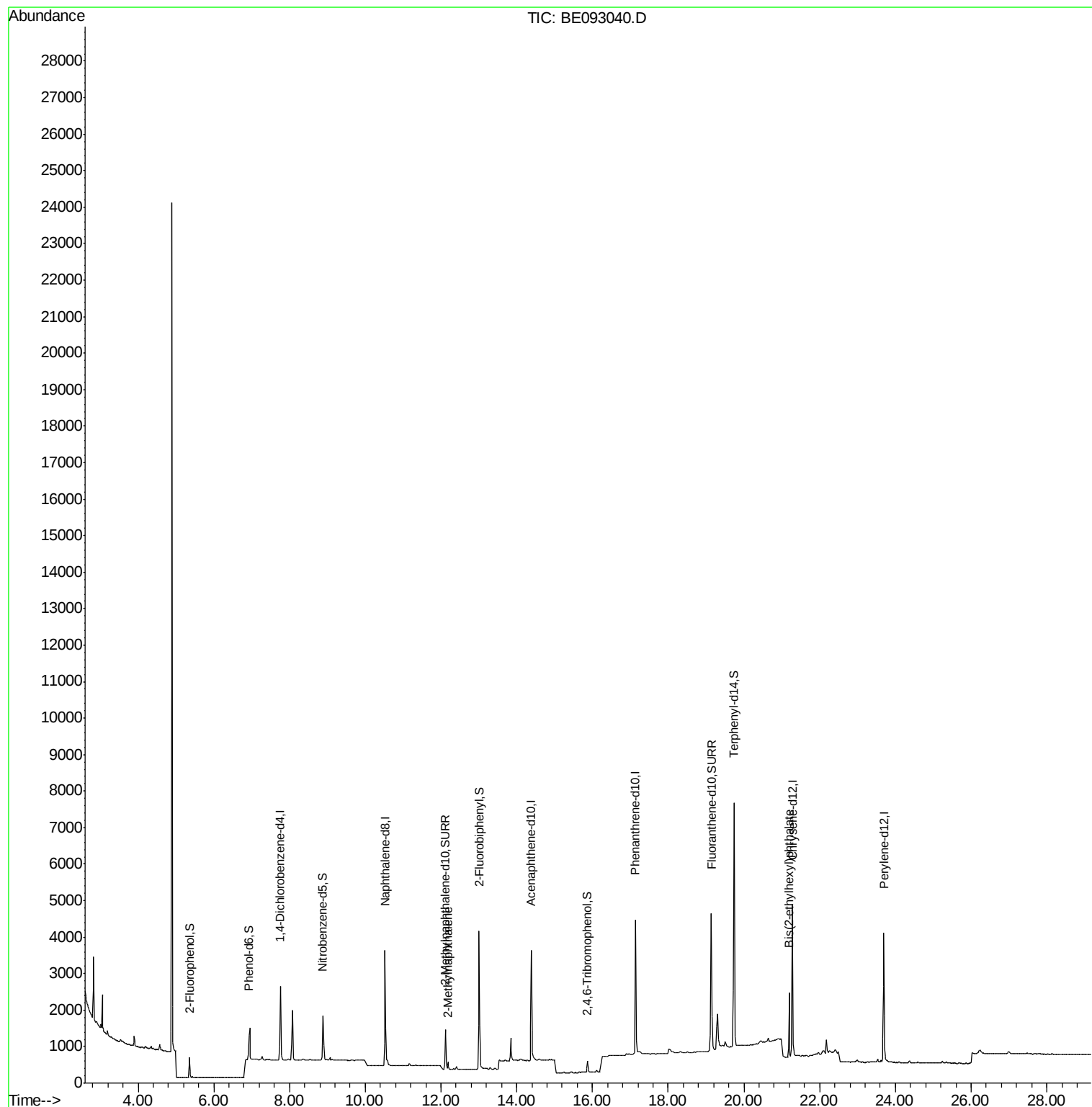
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1017	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	4289	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2040	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5783	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6241	0.40	ng	0.00
34) Perylene-d12	23.69	264	5383	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	407	0.13	ng	0.00
5) Phenol-d6	6.92	99	336	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	1223	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1845	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	223	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3640	0.43	ng	0.00
25) Fluoranthene-d10	19.13	212	5107	0.34	ng	0.00
29) Terphenyl-d14	19.74	244	8241	0.71	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.19	142	147	0.02	ng	Qvalue # 87
32) Bis(2-ethylhexyl)phthalate	21.20	149	1724	0.24	ng	95

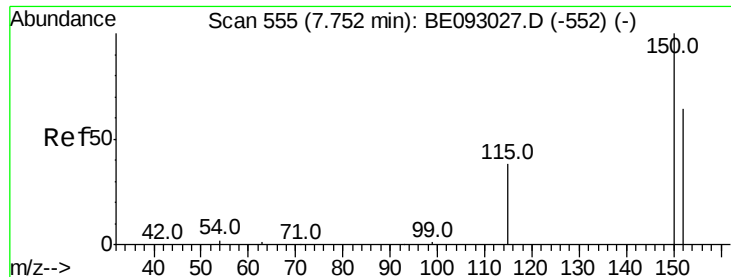
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

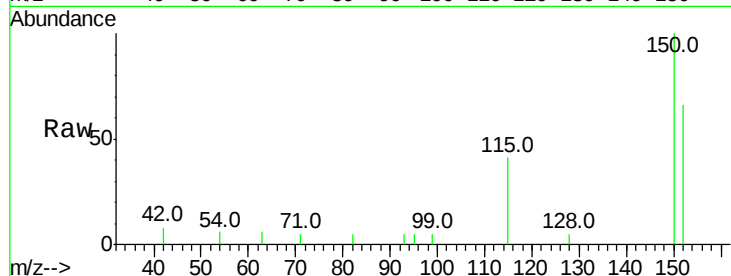
Tot Ion:152 Resp: 1017

Ion Ratio Lower Upper

152 100

150 151.2 125.1 187.7

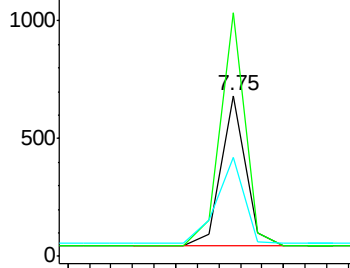
115 61.5 55.7 83.5



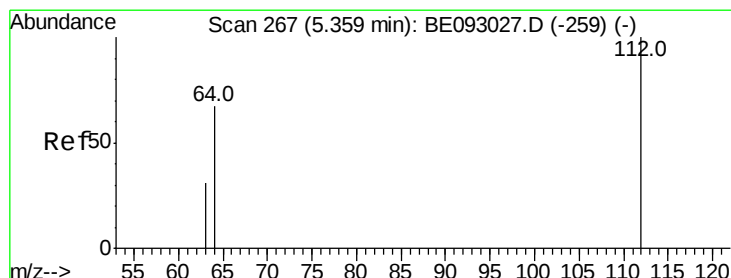
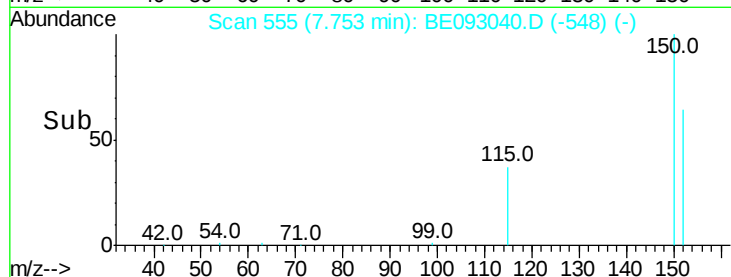
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#4

2-Fluorophenol

Concen: 0.13 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

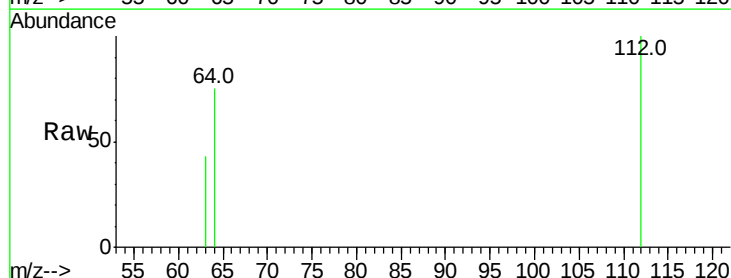
Tgt Ion:112 Resp: 407

Ion Ratio Lower Upper

112 100

64 71.7 56.4 84.6

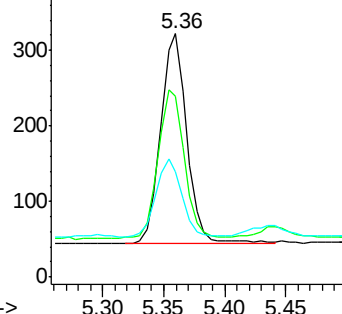
63 36.4 29.3 43.9



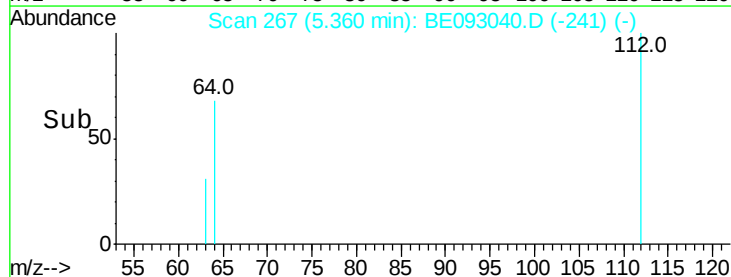
Abundance Ion 112.00 (111.70 to 112.70): E

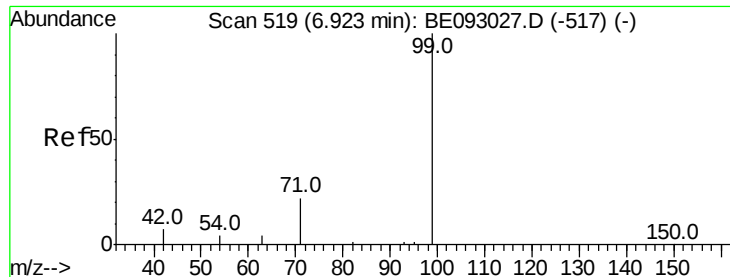
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.08 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

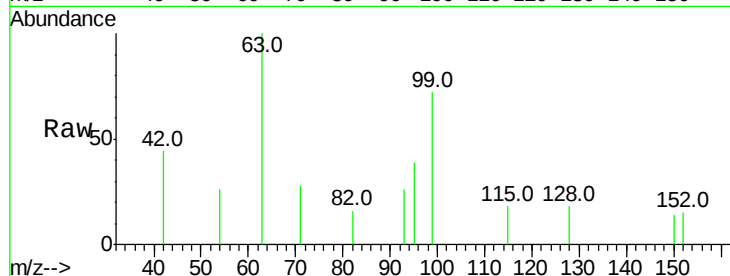
Tot Ion: 99 Resp: 336

Ion Ratio Lower Upper

99 100

42 53.0 0.0 0.0#

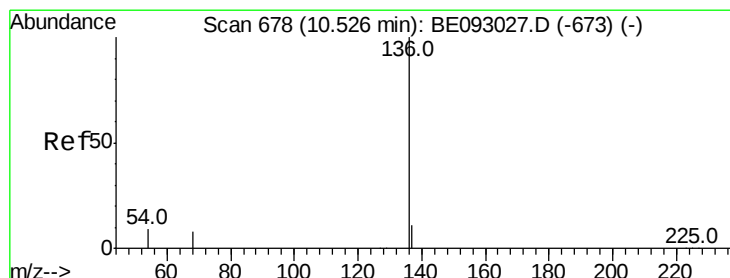
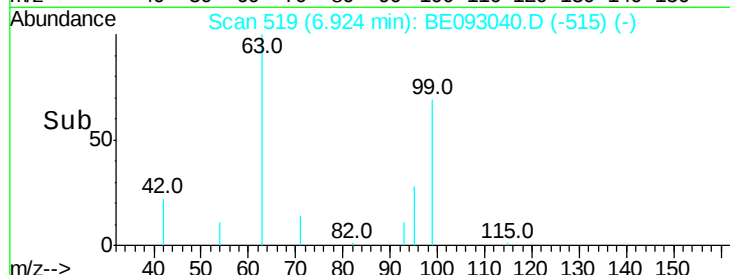
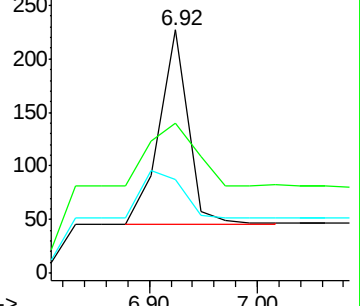
71 0.0 0.0 0.0



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: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Tgt Ion: 136 Resp: 4289

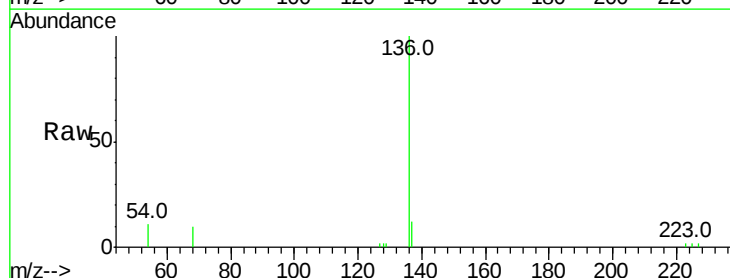
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 10.8 10.3 15.5

68 9.8 9.0 13.4

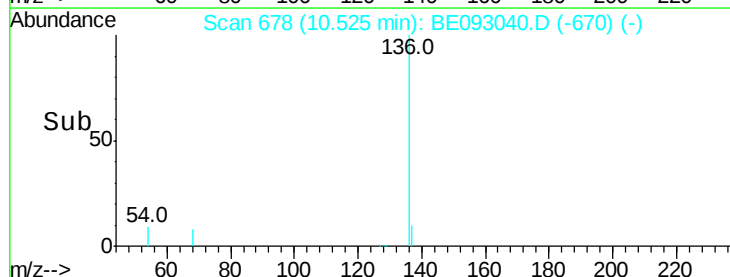
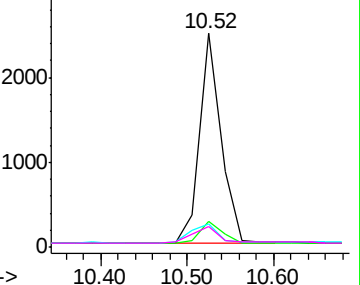


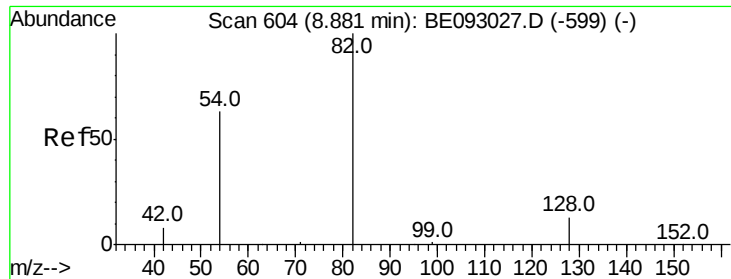
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

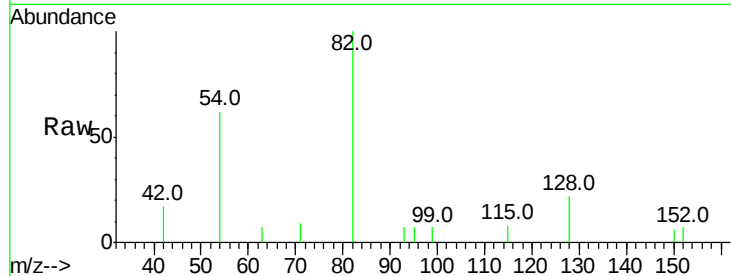
Tot Ion: 82 Resp: 1223

Ion Ratio Lower Upper

82 100

128 21.5 17.0 25.4

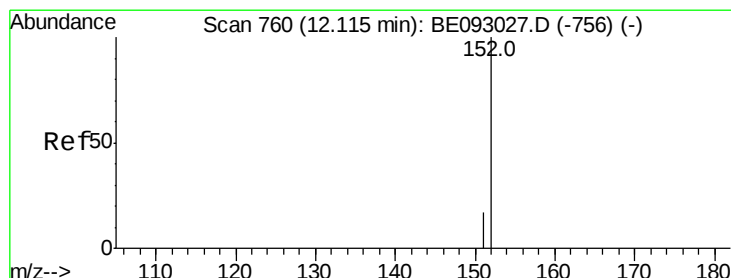
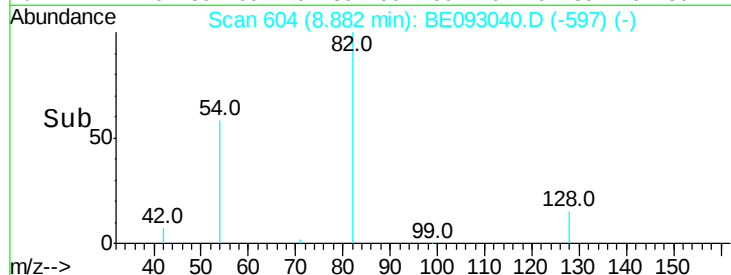
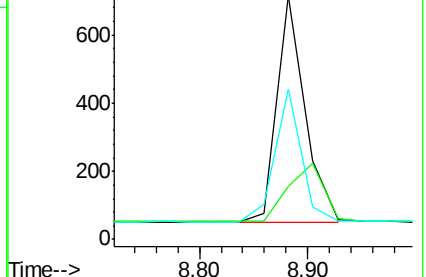
54 61.5 53.8 80.6



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



#11

2-Methylnaphthalene-d10

Concen: 0.29 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093040.D

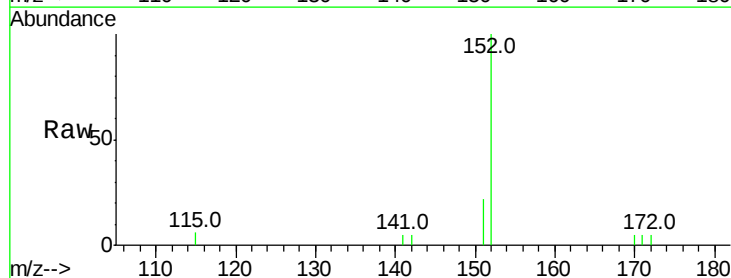
Acq: 15 May 2017 18:42

Tgt Ion: 152 Resp: 1845

Ion Ratio Lower Upper

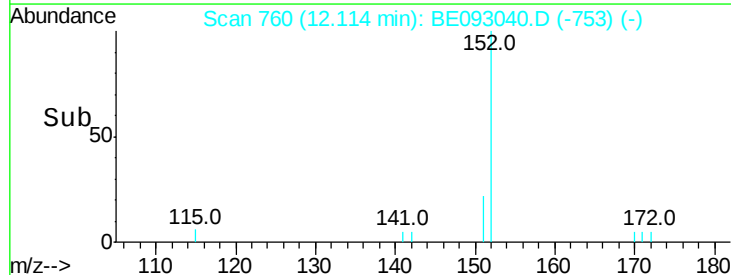
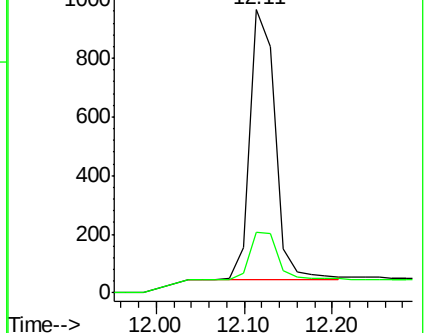
152 100

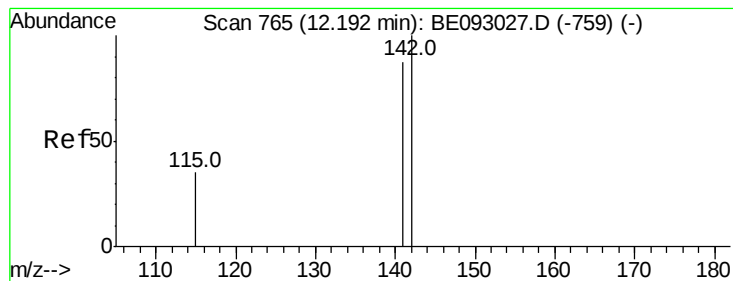
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#12

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

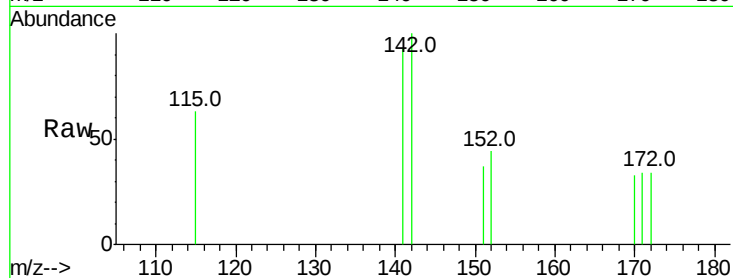
Tot Ion:142 Resp: 147

Ion Ratio Lower Upper

142 100

141 93.3 72.6 108.8

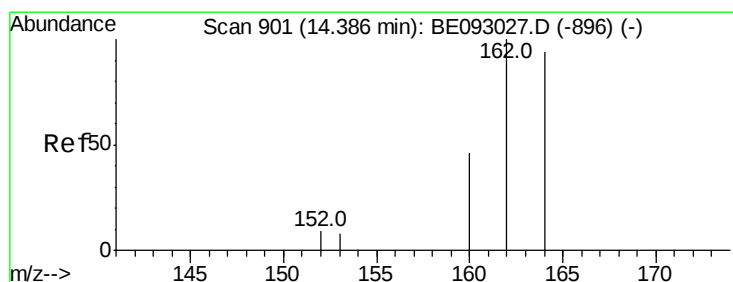
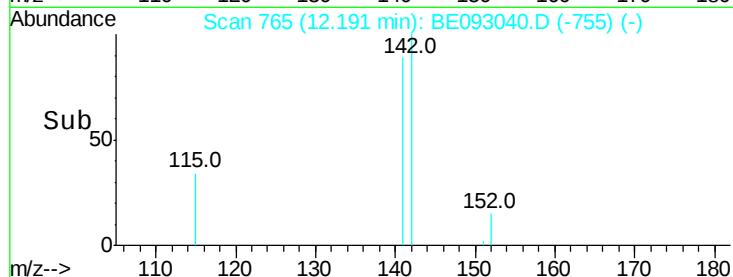
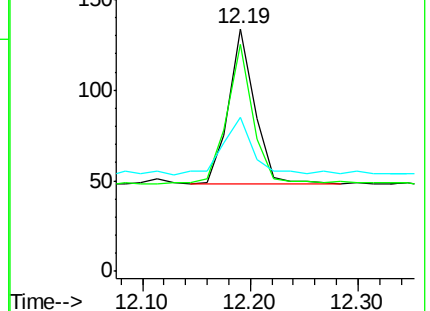
115 63.4 32.2 48.2#



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



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

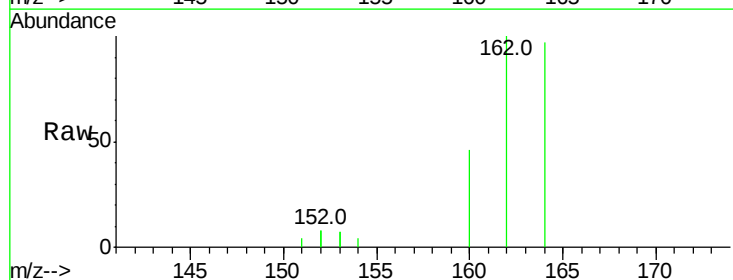
Tgt Ion:164 Resp: 2040

Ion Ratio Lower Upper

164 100

162 103.4 84.6 127.0

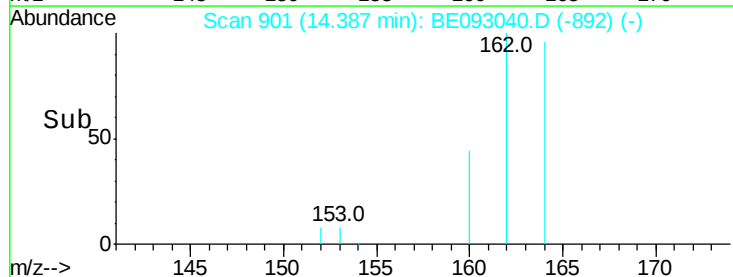
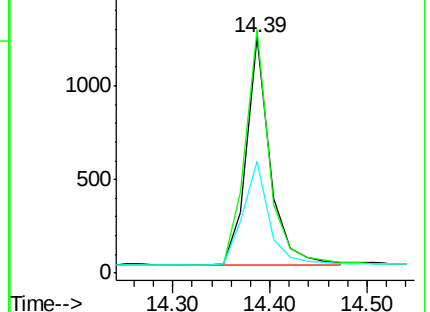
160 47.5 41.8 62.6

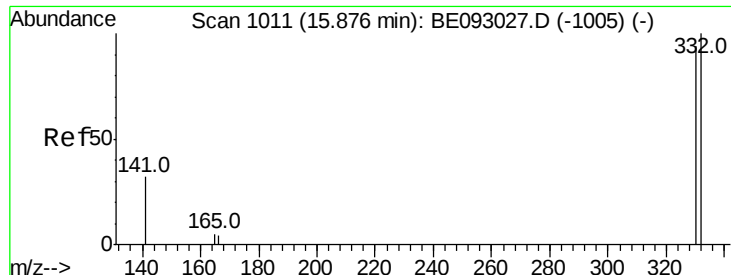


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

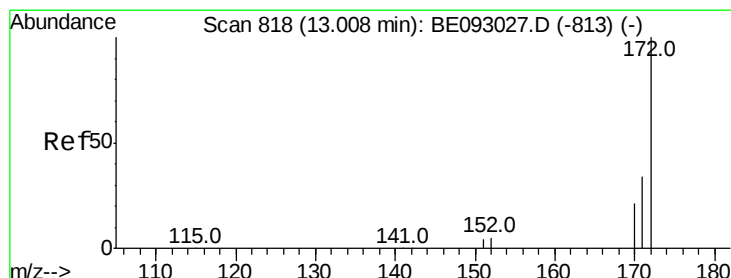
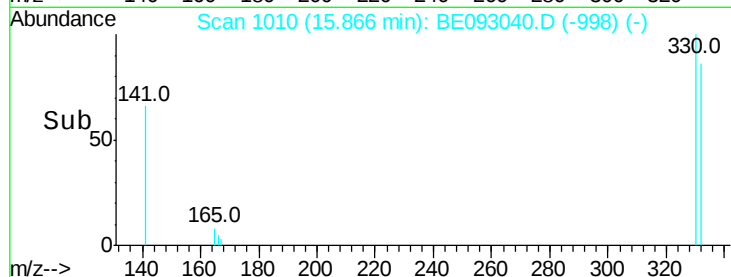
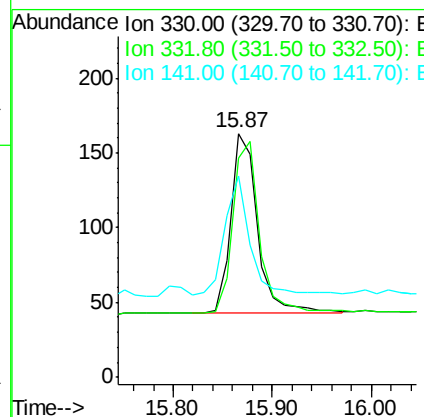
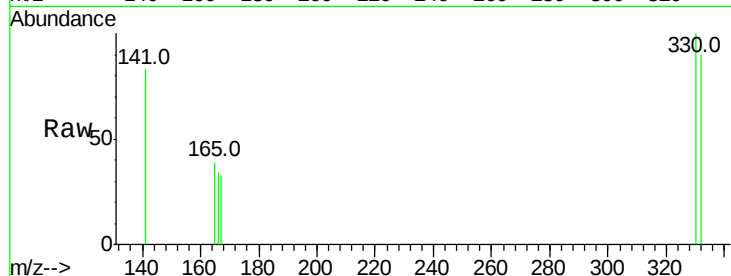




#14
 2,4,6-Tribromophenol
 Concen: 0.37 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093040.D
 Acq: 15 May 2017 18:42

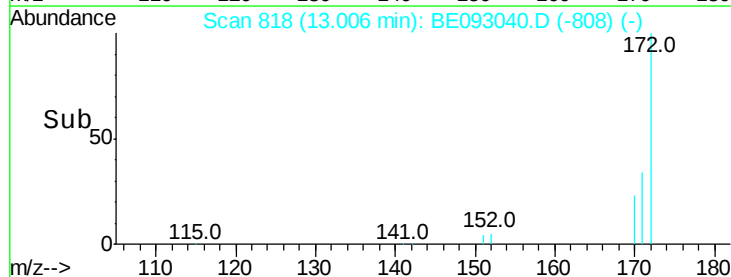
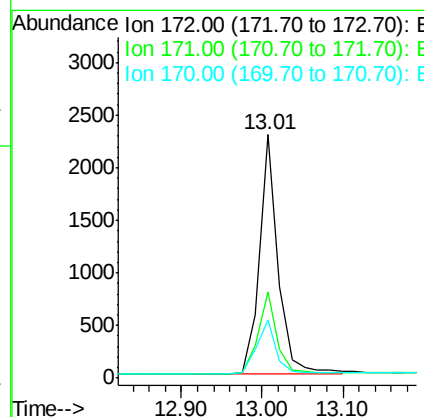
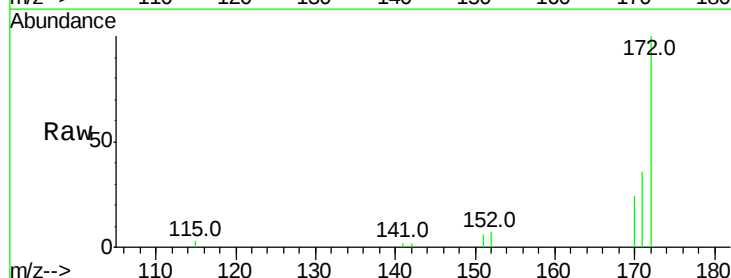
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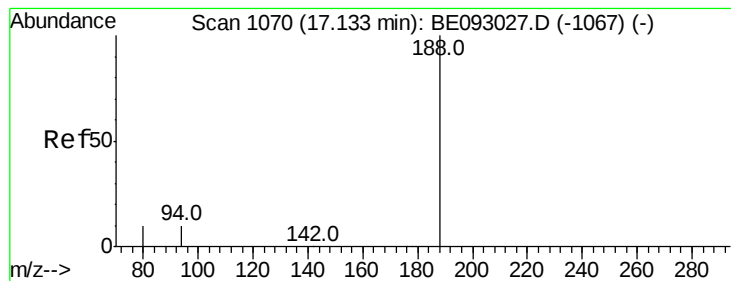
Tot Ion:330 Resp: 223
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.7 116.5
 141 65.5 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093040.D
 Acq: 15 May 2017 18:42

Tgt Ion:172 Resp: 3640
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.8 44.6
 170 24.0 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

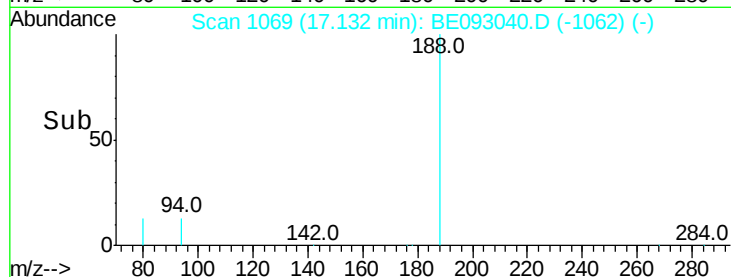
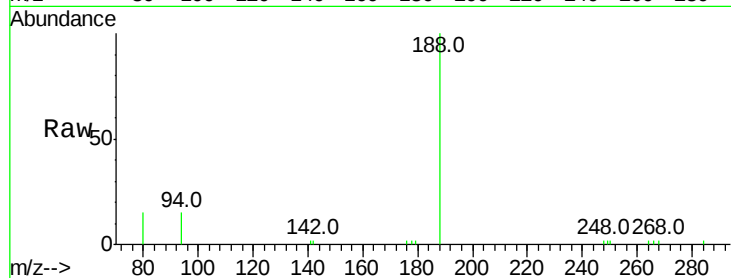
Tot Ion:188 Resp: 5783

Ion Ratio Lower Upper

188 100

94 14.7 11.3 16.9

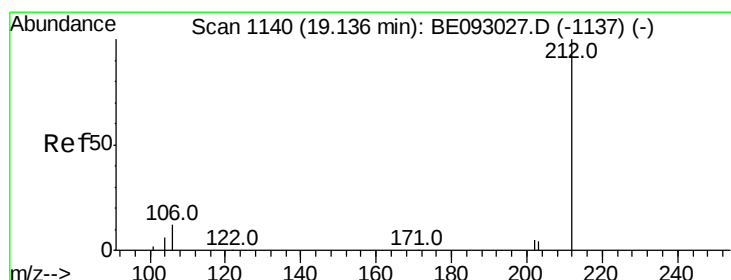
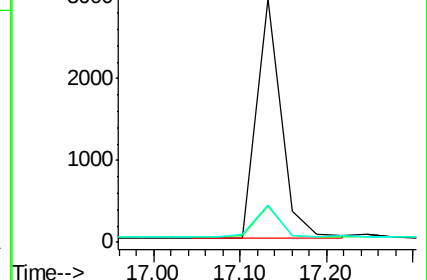
80 15.2 11.7 17.5



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: 0.34 ng

RT: 19.13 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

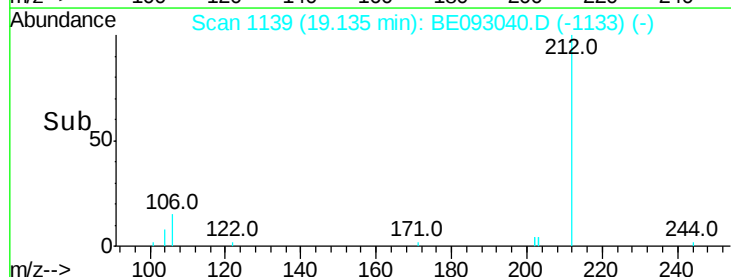
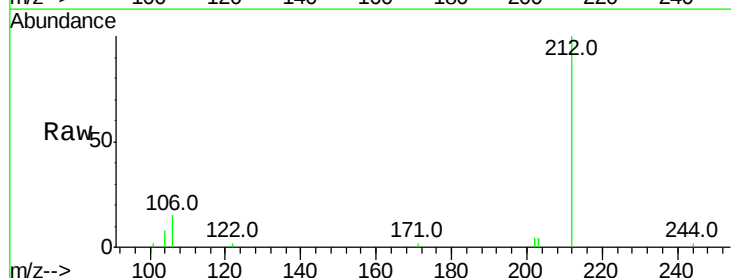
Tgt Ion:212 Resp: 5107

Ion Ratio Lower Upper

212 100

106 16.9 0.0 0.0#

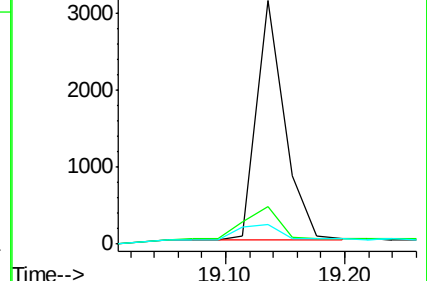
104 9.3 0.0 0.0#

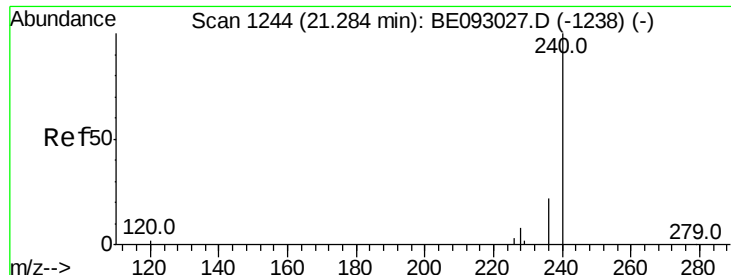


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1243

Delta R.T. -0.00 min

Lab File: BE093040.D

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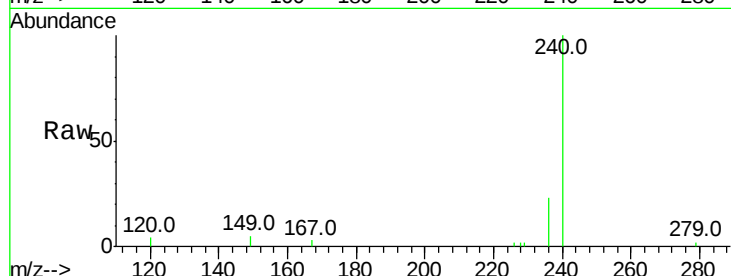
Tot Ion:240 Resp: 6241

Ion Ratio Lower Upper

240 100

120 4.4 4.6 7.0#

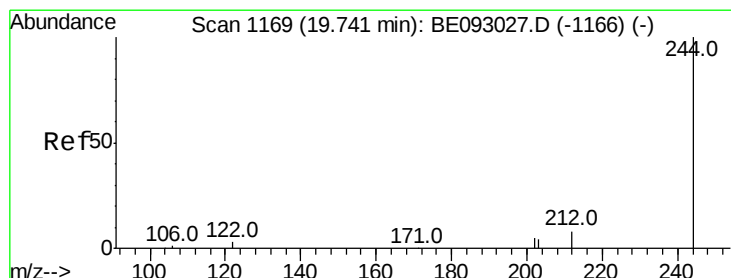
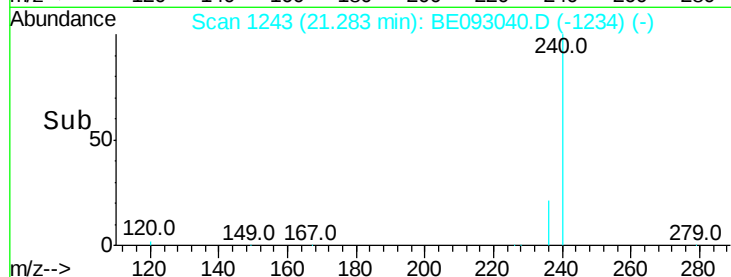
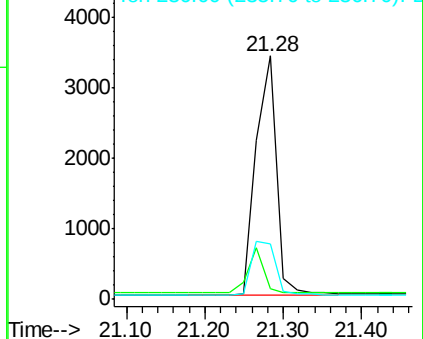
236 22.6 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.71 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

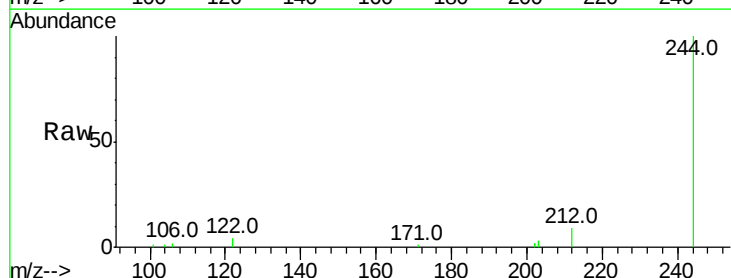
Tgt Ion:244 Resp: 8241

Ion Ratio Lower Upper

244 100

212 8.6 10.6 16.0#

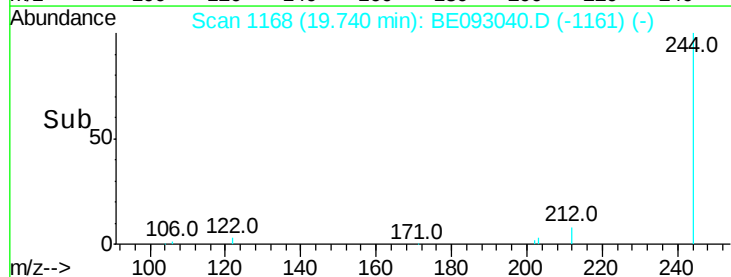
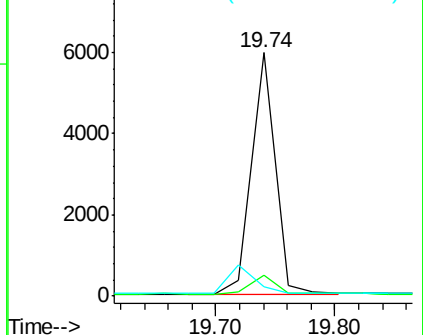
122 4.0 15.4 23.0#

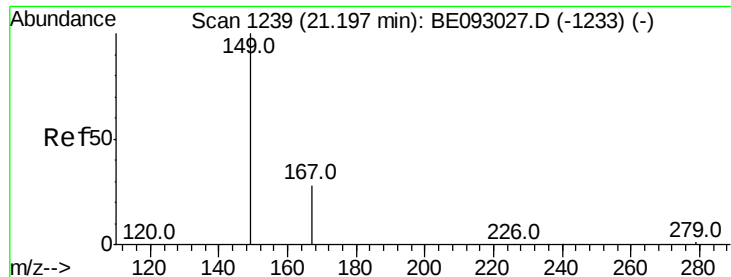


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.20 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

Instrument :

BNA_E

ClientSampleId :

SS043MW039-170509

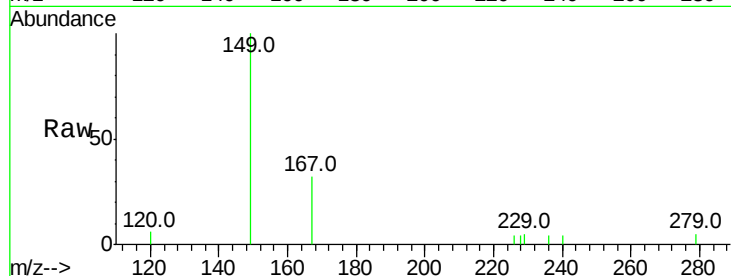
Tot Ion:149 Resp: 1724

Ion Ratio Lower Upper

149 100

167 28.0 20.1 30.1

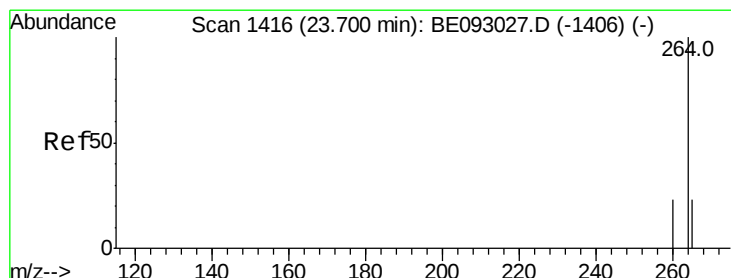
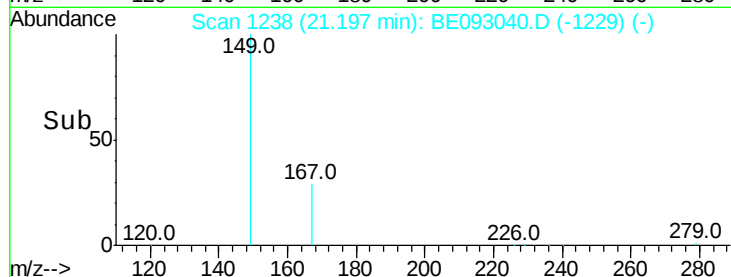
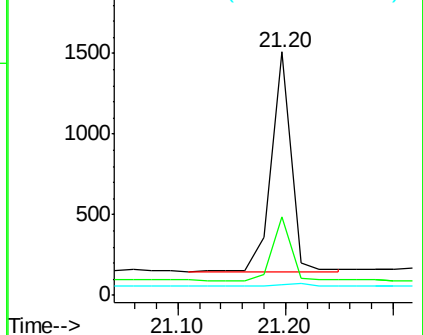
279 2.8 2.2 3.4



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# 1414

Delta R.T. -0.01 min

Lab File: BE093040.D

Acq: 15 May 2017 18:42

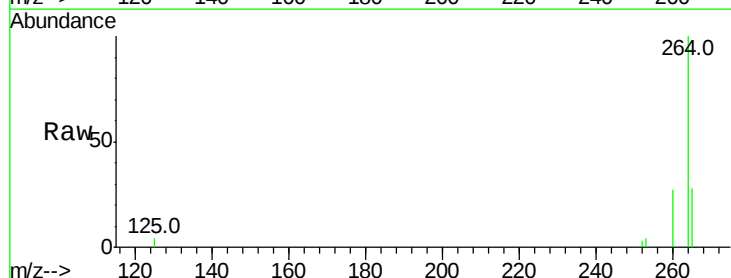
Tgt Ion:264 Resp: 5383

Ion Ratio Lower Upper

264 100

260 26.7 21.0 31.4

265 27.8 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

