

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051617\
 Data File : BE093049.D
 Acq On : 16 May 2017 12:12
 Operator : SJ/MA
 Sample : I3079-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-170509RE

Quant Time: May 18 01:35:50 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

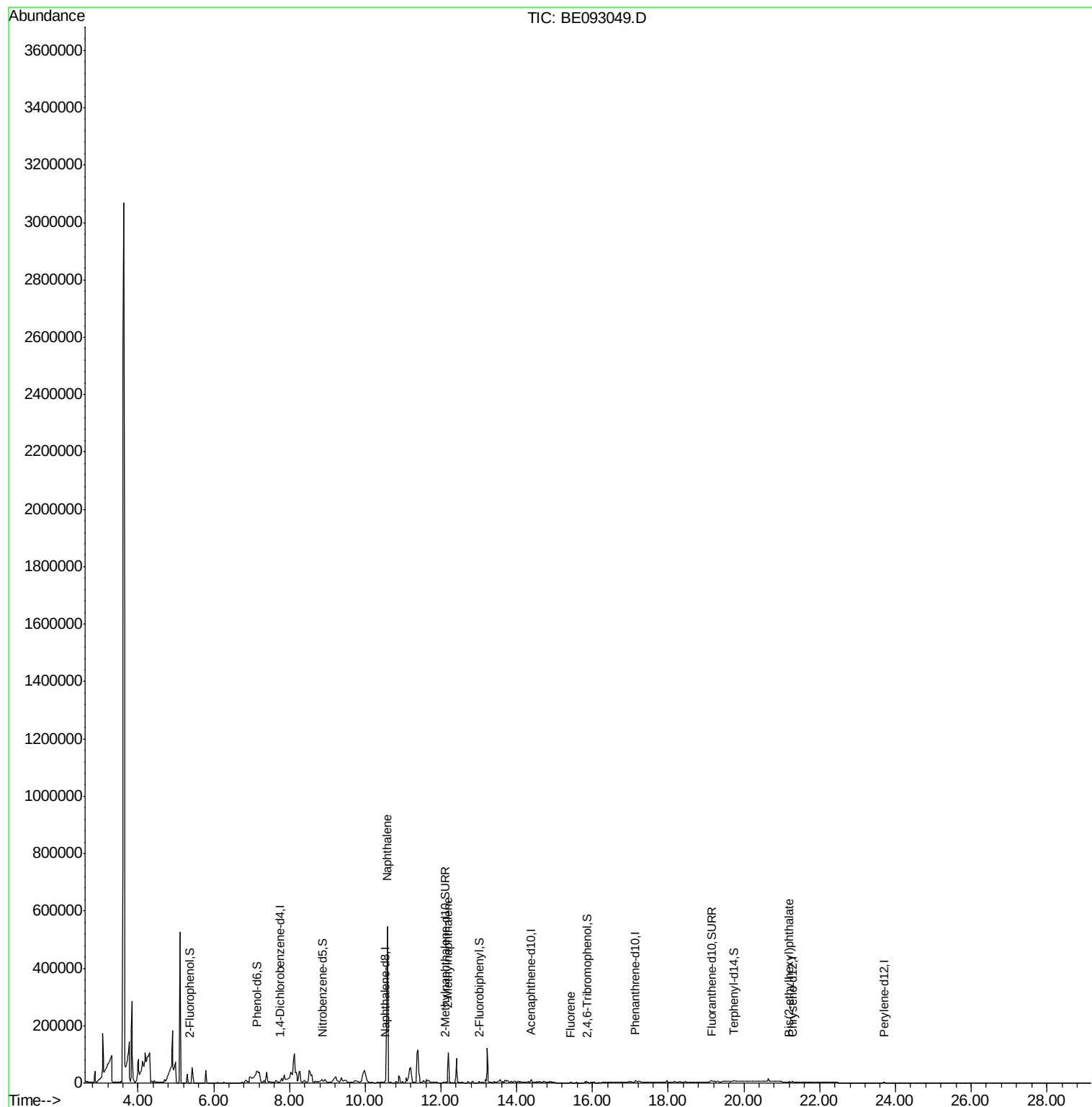
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1147	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4697	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	10713	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	7192	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6729	0.40	ng	0.00
34) Perylene-d12	23.69	264	5728	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	792	0.23	ng	0.00
5) Phenol-d6	7.15	99	9330m	1.96	ng	0.23
8) Nitrobenzene-d5	8.88	82	3074	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2399	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	376	0.12	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4727	0.11	ng	0.00
25) Fluoranthene-d10	19.14	212	5688	0.30	ng	0.00
29) Terphenyl-d14	19.74	244	6982	0.56	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.58	128	774310	62.58	ng	95
12) 2-Methylnaphthalene	12.19	142	71108	9.27	ng	97
18) Fluorene	15.42	166	1748	0.04	ng	86
32) Bis(2-ethylhexyl)phthalate	21.20	149	2420	0.29	ng	# 77

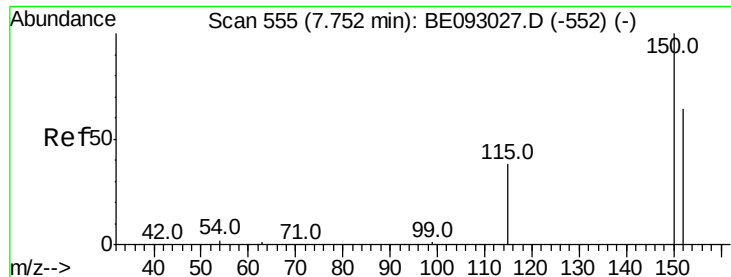
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509RE

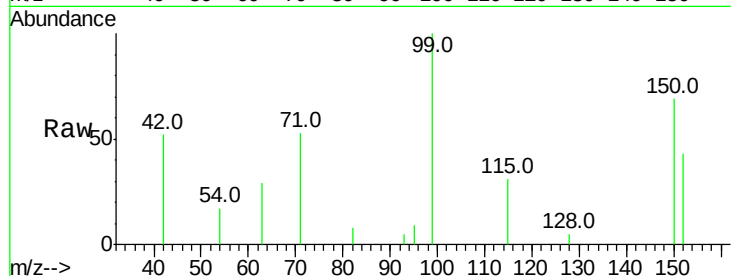
Tot Ion:152 Resp: 1147

Ion Ratio Lower Upper

152 100

150 159.1 125.1 187.7

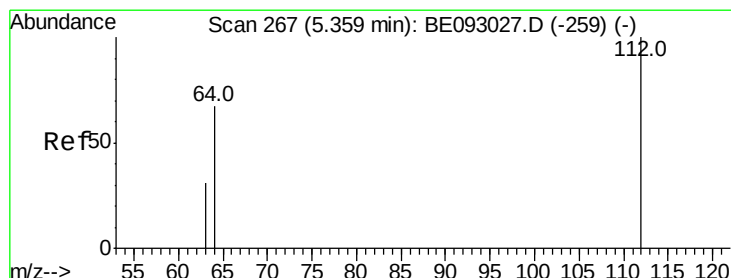
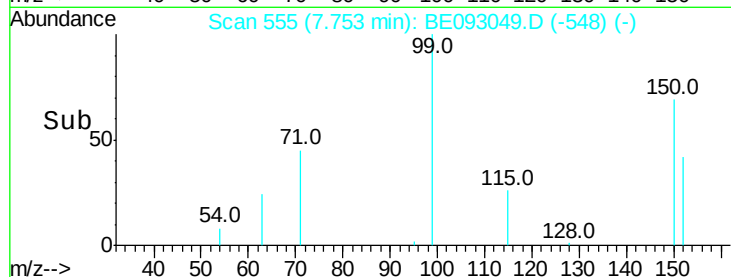
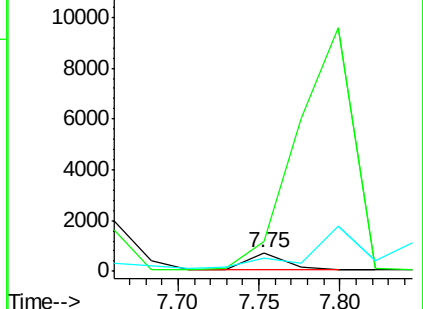
115 70.8 55.7 83.5



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: 0.23 ng

RT: 5.36 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

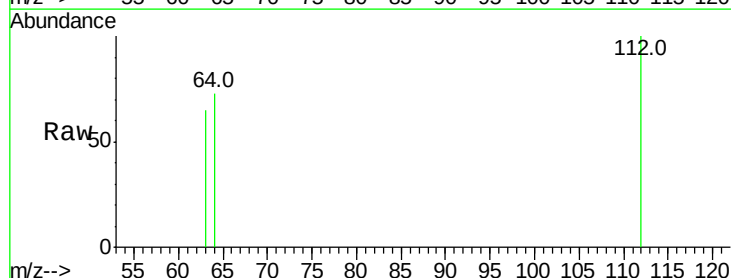
Tgt Ion:112 Resp: 792

Ion Ratio Lower Upper

112 100

64 0.0 56.4 84.6#

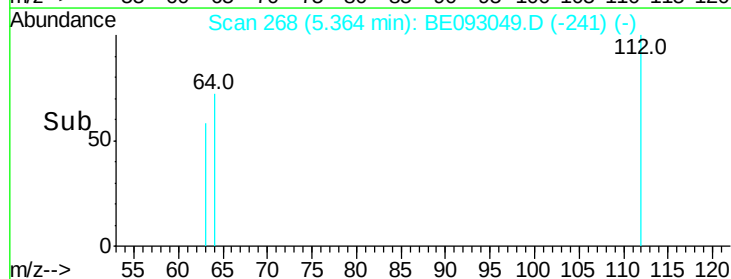
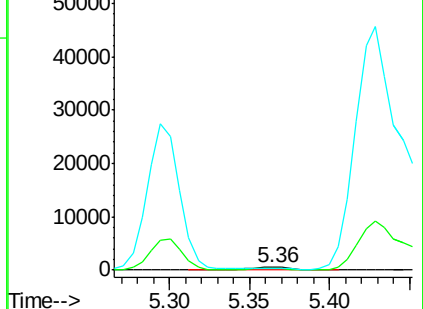
63 0.0 29.3 43.9#

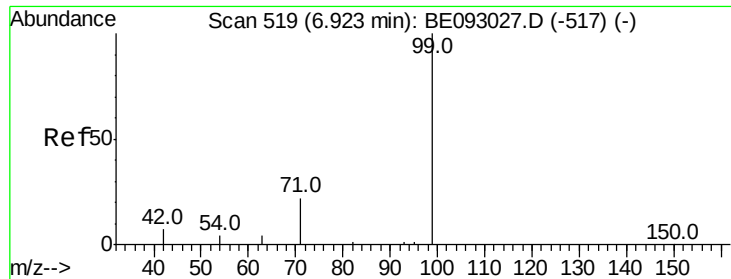


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.96 ng/mL

RT: 7.15 min Scan# 529

Delta R.T. 0.23 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509RE

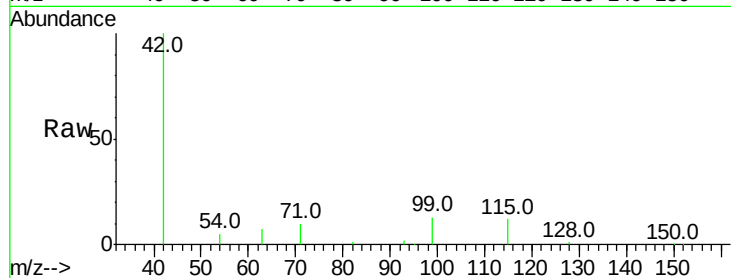
Tot Ion: 99 Resp: 9330

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

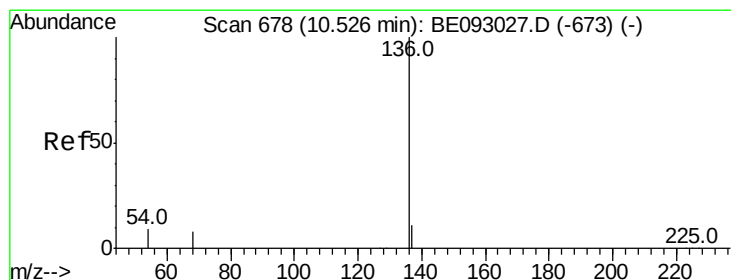
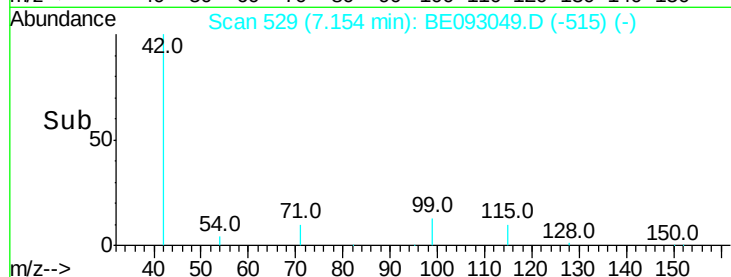
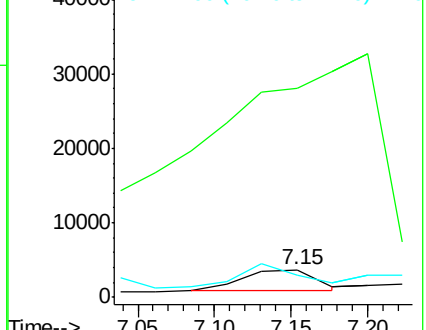
71 0.0 0.0 0.0



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: BE093049.D

Acq: 16 May 2017 12:12

Tgt Ion: 136 Resp: 4697

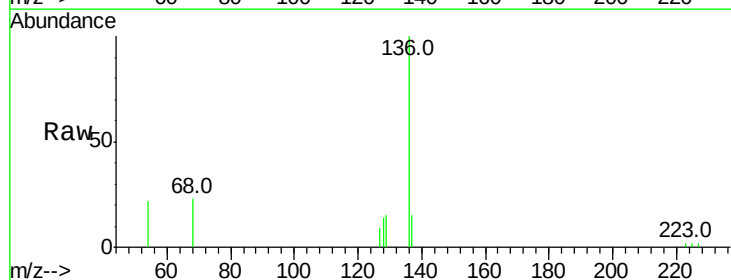
Ion Ratio Lower Upper

136 100

137 15.3 9.8 14.8#

54 21.6 10.3 15.5#

68 23.0 9.0 13.4#

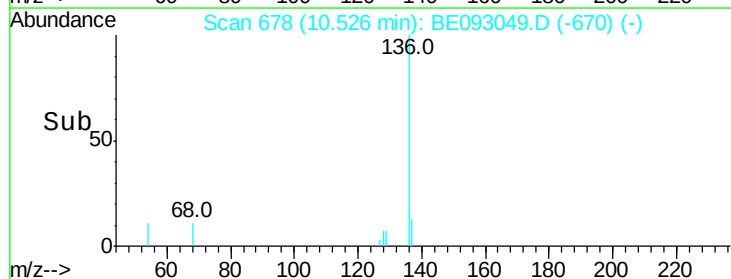
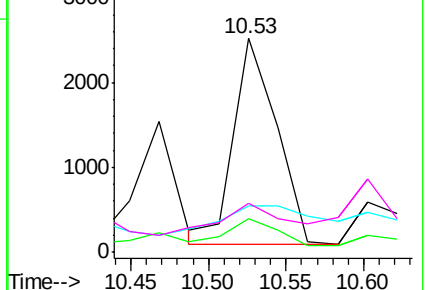


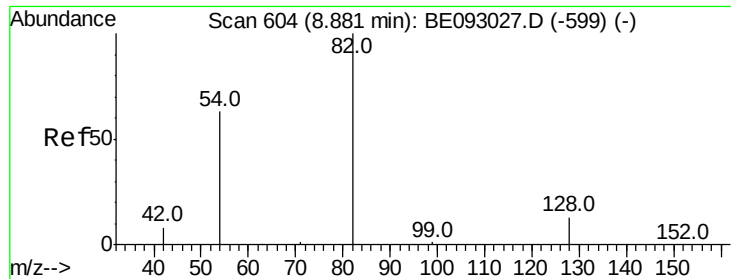
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.75 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509RE

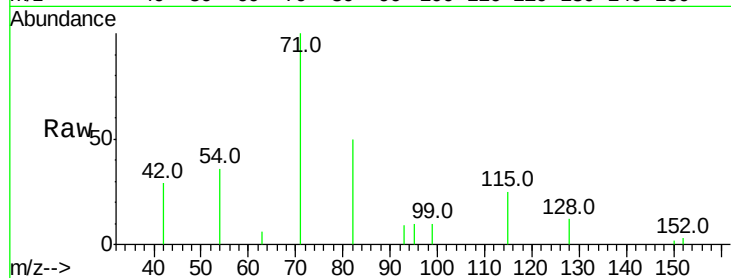
Tot Ion: 82 Resp: 3074

Ion Ratio Lower Upper

82 100

128 23.4 17.0 25.4

54 71.5 53.8 80.6

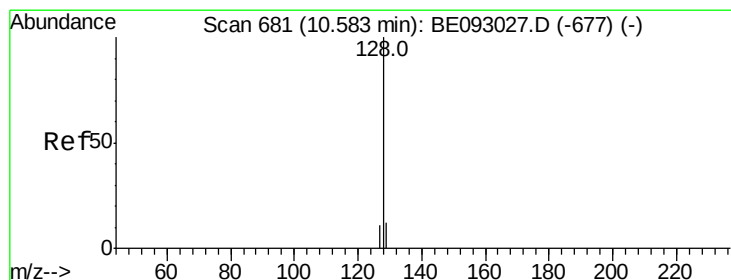
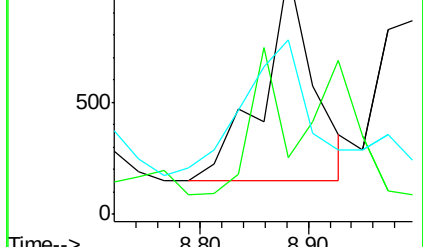
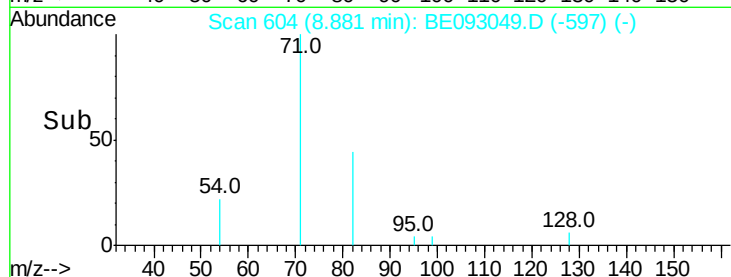


Abundance Ion 82.00 (81.70 to 82.70): BE093027.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE093027.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE093027.D (-599) (-)

Time-->



#9

Naphthalene

Concen: 62.58 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

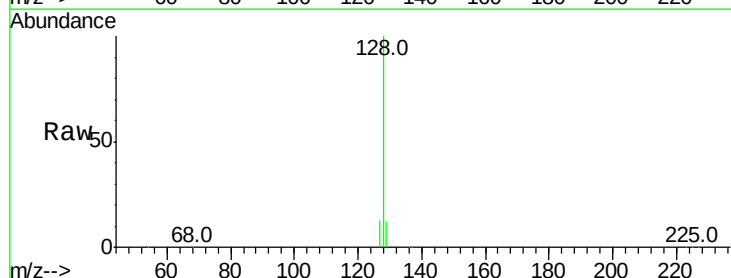
Tgt Ion: 128 Resp: 774310

Ion Ratio Lower Upper

128 100

129 11.6 11.4 17.0

127 12.5 11.2 16.8

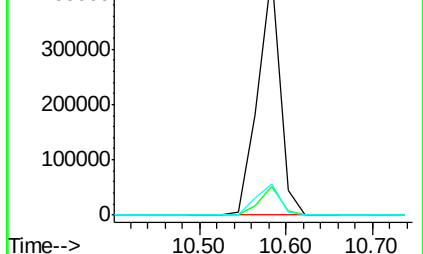
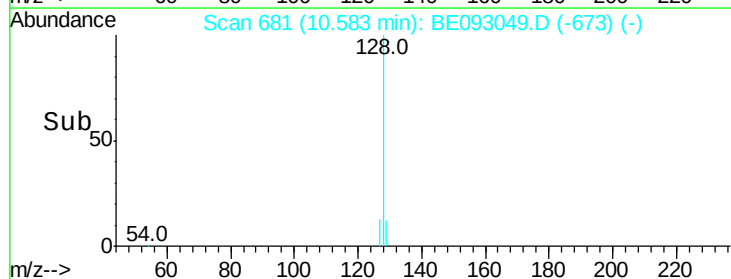


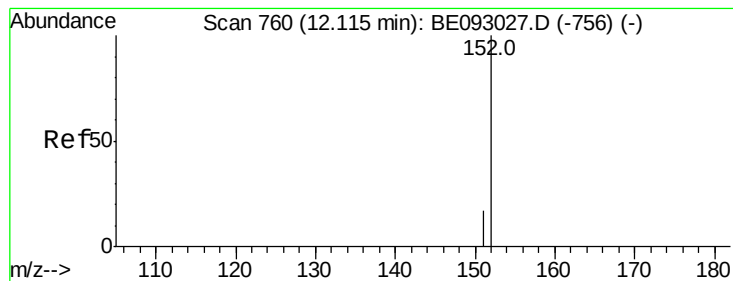
Abundance Ion 128.00 (127.70 to 128.70): BE093027.D (-677) (-)

Ion 129.00 (128.70 to 129.70): BE093027.D (-677) (-)

Ion 127.00 (126.70 to 127.70): BE093027.D (-677) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.35 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

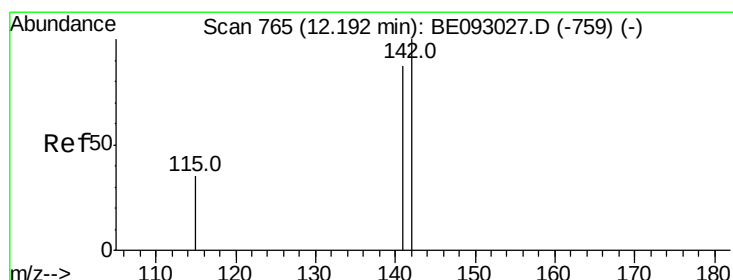
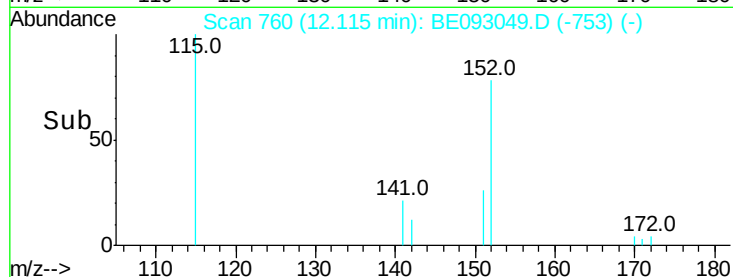
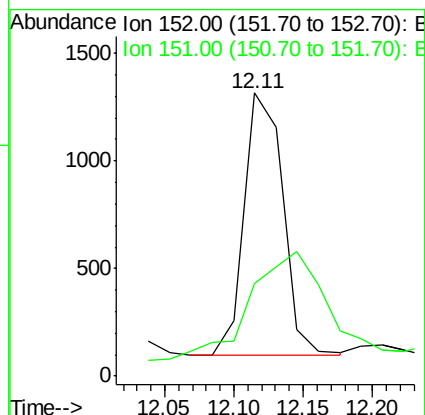
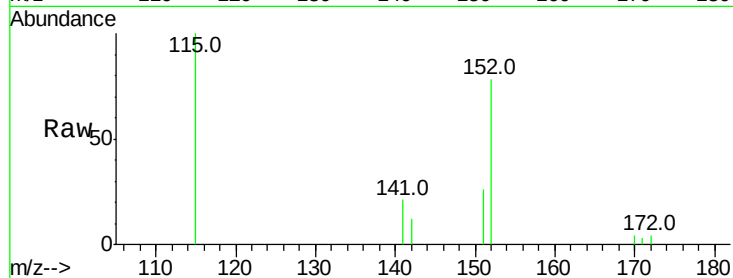
LF001MW001-170509RE

Tot Ion:152 Resp: 2399

Ion Ratio Lower Upper

152 100

151 0.0 15.1 22.7#



#12

2-Methylnaphthalene

Concen: 9.27 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

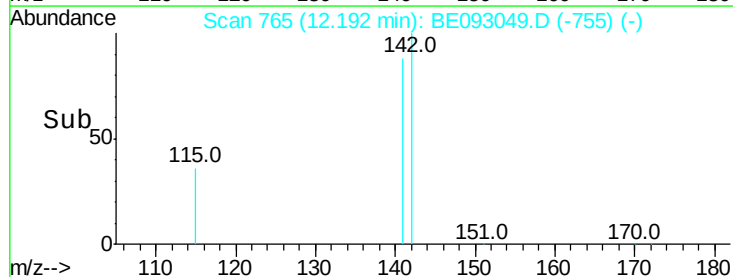
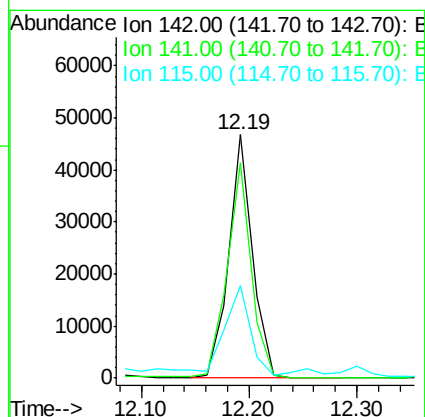
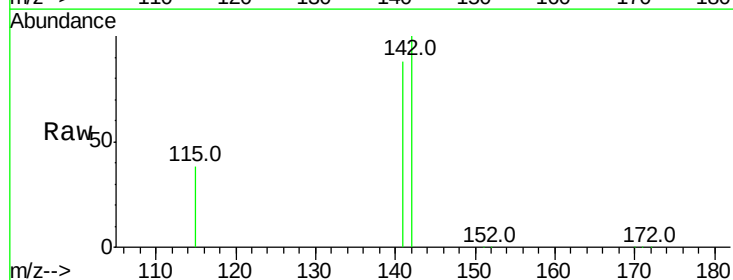
Tgt Ion:142 Resp: 71108

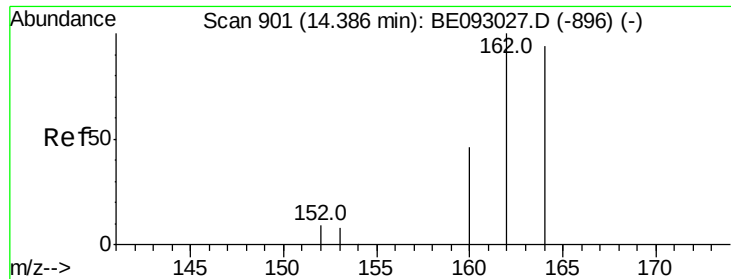
Ion Ratio Lower Upper

142 100

141 88.3 72.6 108.8

115 37.8 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: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509RE

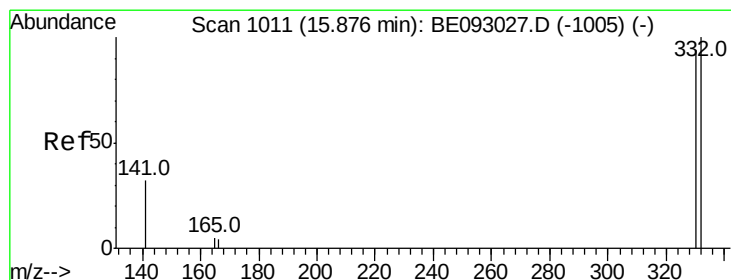
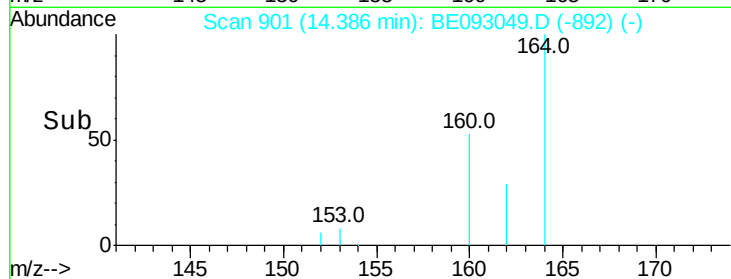
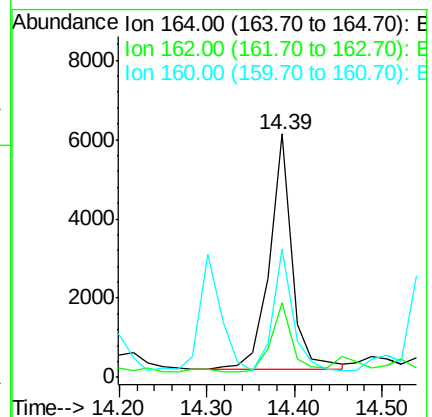
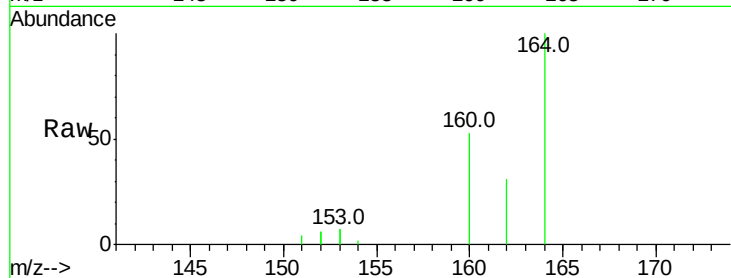
Tot Ion:164 Resp: 10713

Ion Ratio Lower Upper

164 100

162 30.8 84.6 127.0#

160 52.5 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.12 ng

RT: 15.86 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

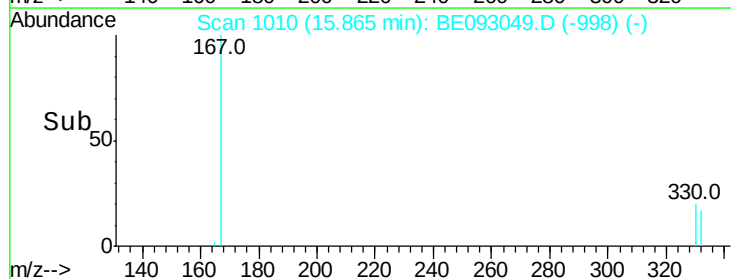
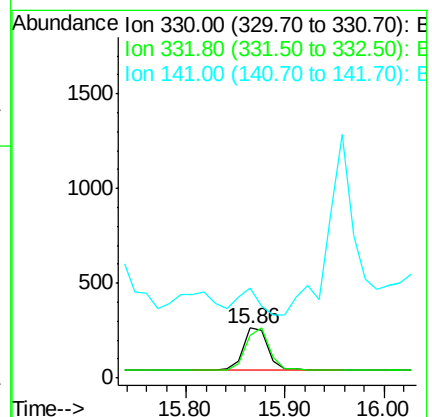
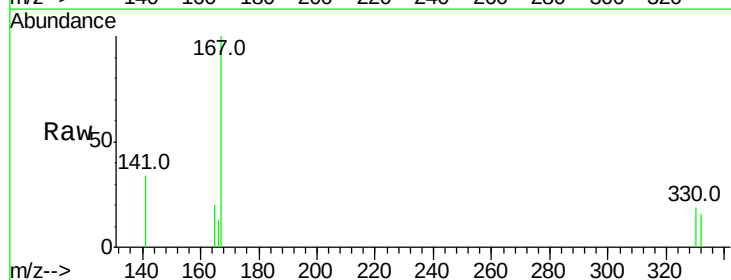
Tgt Ion:330 Resp: 376

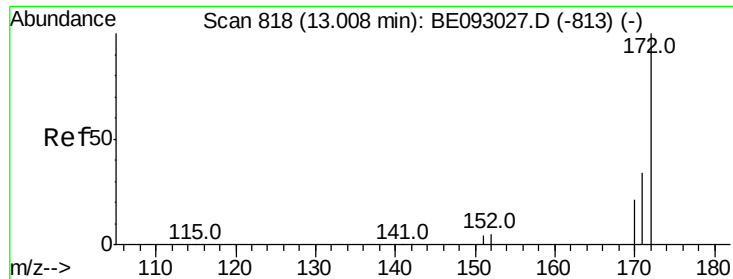
Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

141 54.3 56.2 84.4#

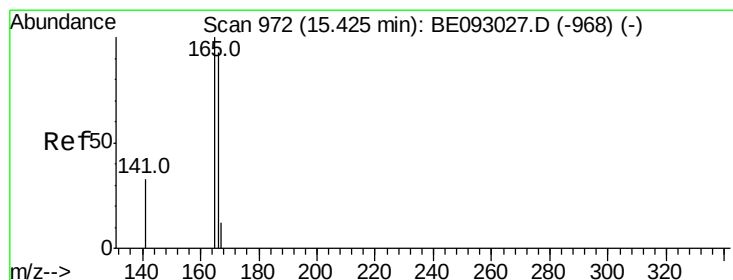
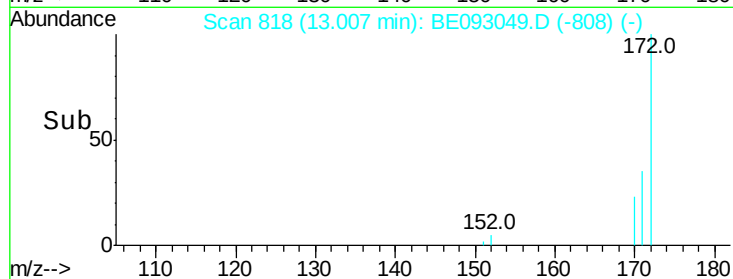
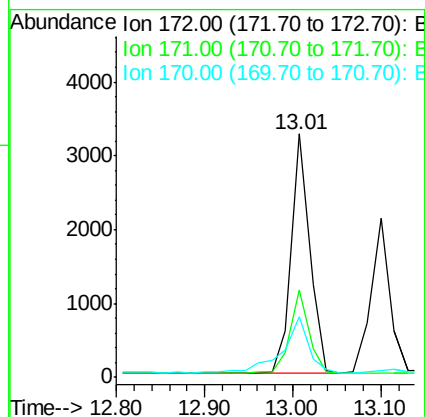
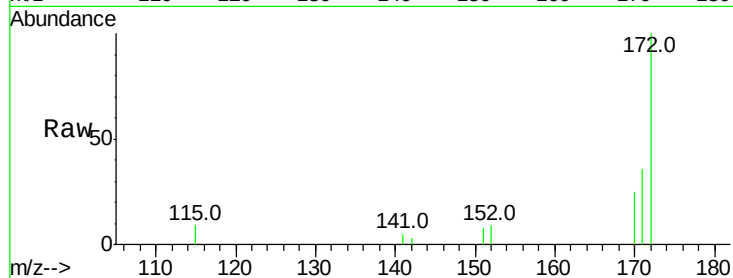




#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093049.D
Acq: 16 May 2017 12:12

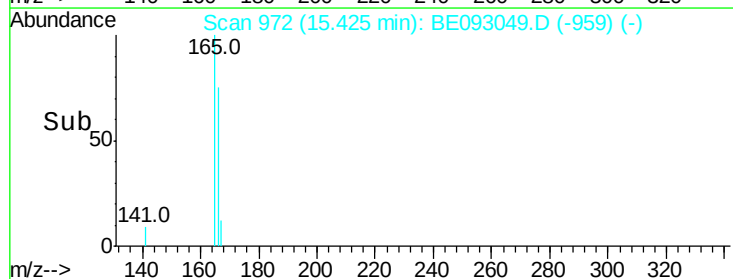
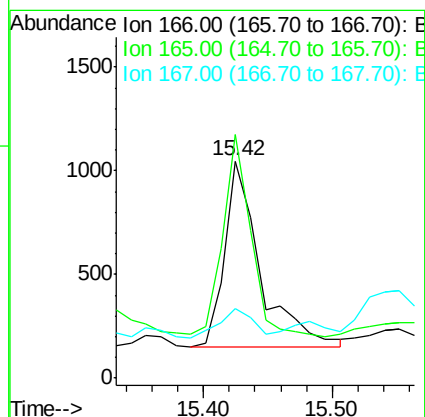
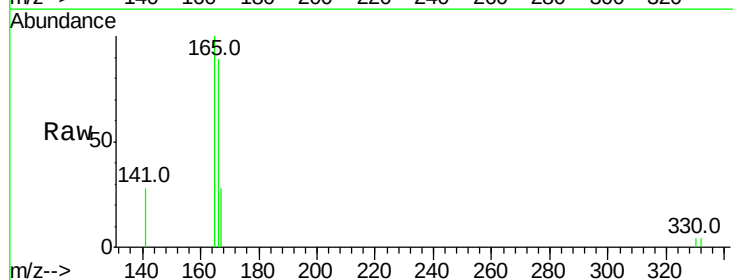
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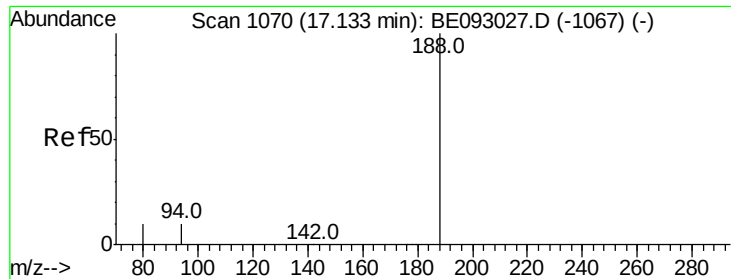
Tot Ion:172 Resp: 4727
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.8 20.7 31.1



#18
Fluorene
Concen: 0.04 ng
RT: 15.42 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE093049.D
Acq: 16 May 2017 12:12

Tgt Ion:166 Resp: 1748
Ion Ratio Lower Upper
166 100
165 83.2 78.6 117.8
167 15.6 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509RE

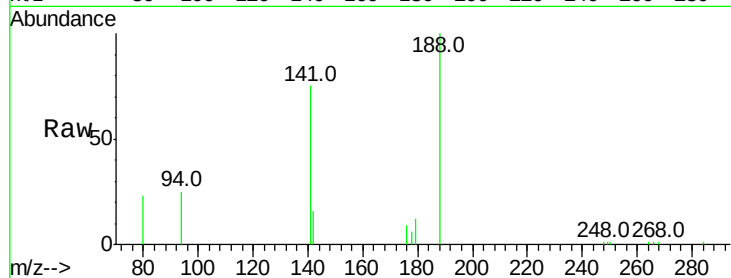
Tot Ion:188 Resp: 7192

Ion Ratio Lower Upper

188 100

94 25.3 11.3 16.9#

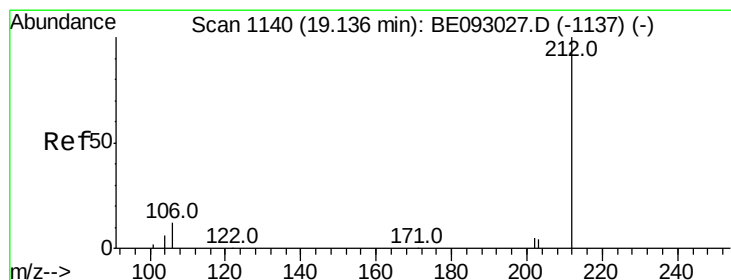
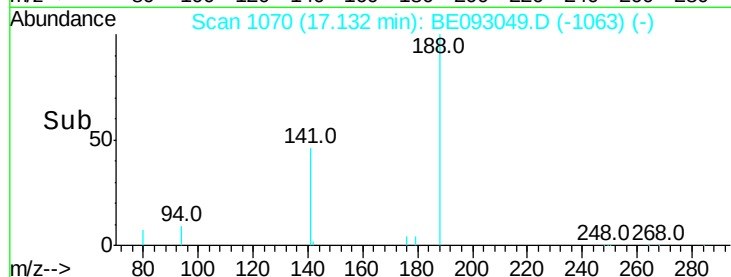
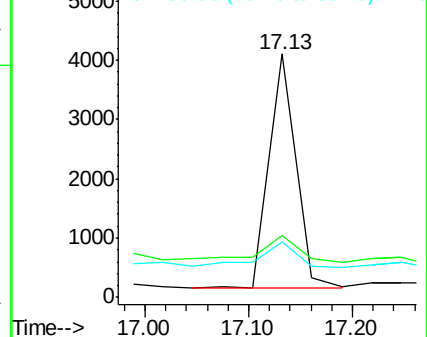
80 22.6 11.7 17.5#



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: 0.30 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

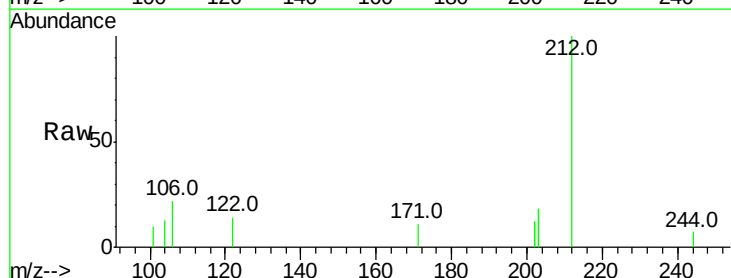
Tgt Ion:212 Resp: 5688

Ion Ratio Lower Upper

212 100

106 17.2 0.0 0.0#

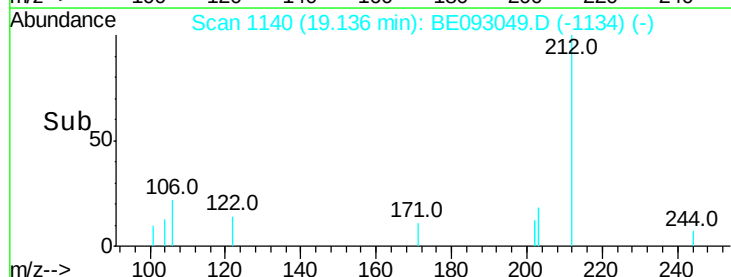
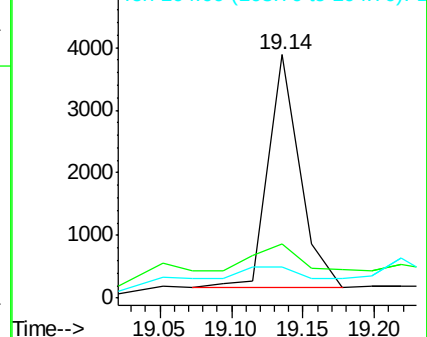
104 8.2 0.0 0.0#

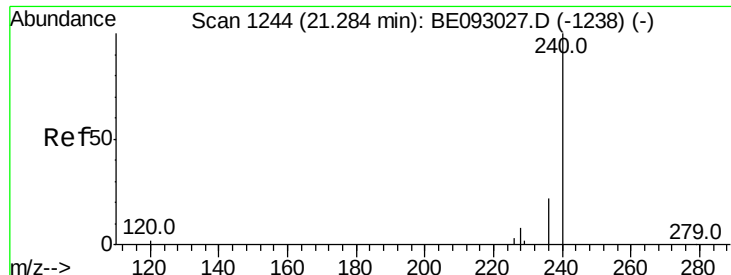


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093049.D

Acq: 16 May 2017 12:12

Instrument :

BNA_E

ClientSampleId :

LF001MW001-170509RE

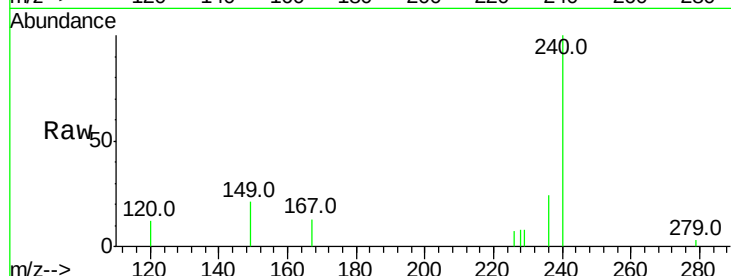
Tot Ion:240 Resp: 6729

Ion Ratio Lower Upper

240 100

120 11.8 4.6 7.0#

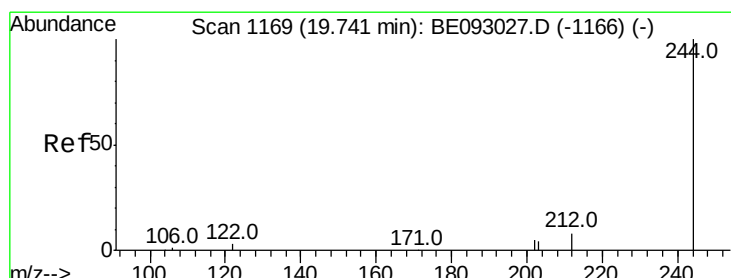
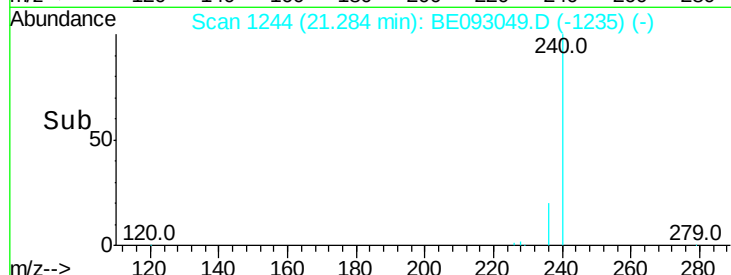
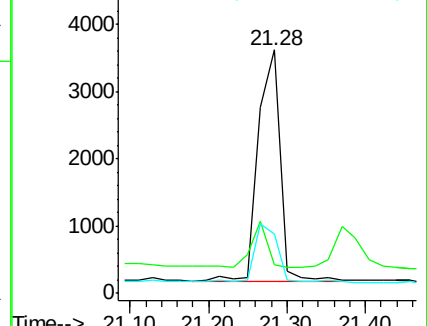
236 24.2 20.8 31.2



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: 0.56 ng

RT: 19.74 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE093049.D

Acq: 16 May 2017 12:12

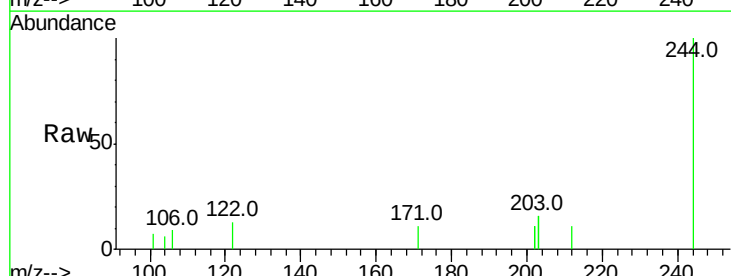
Tgt Ion:244 Resp: 6982

Ion Ratio Lower Upper

244 100

212 10.7 10.6 16.0

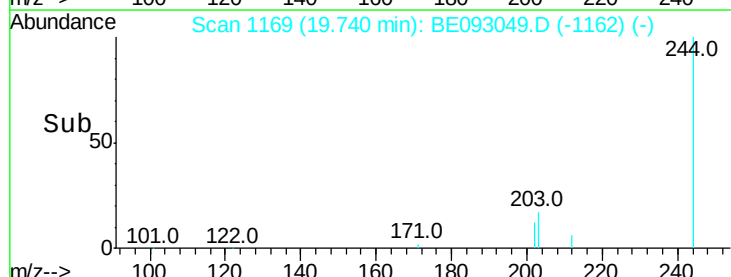
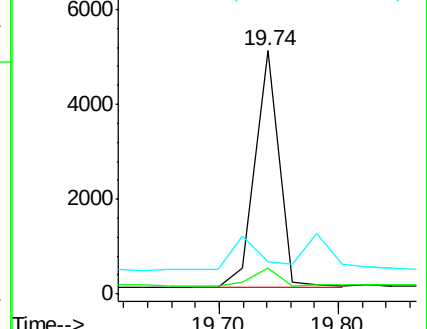
122 13.1 15.4 23.0#

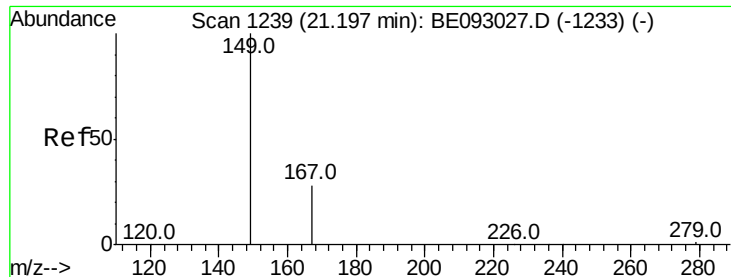


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

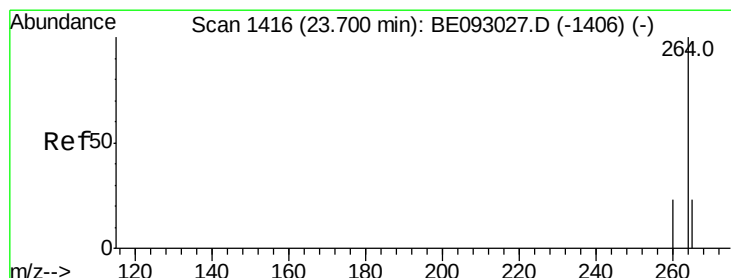
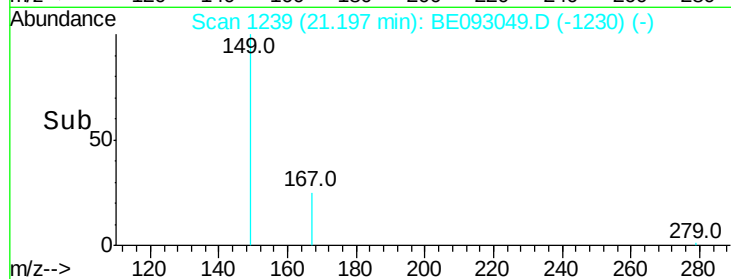
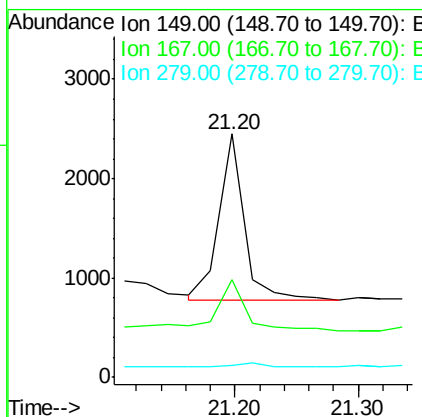
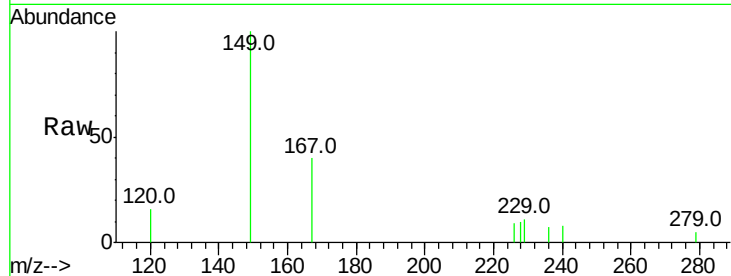




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.29 ng
 RT: 21.20 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BE093049.D
 Acq: 16 May 2017 12:12

Instrument :
 BNA_E
 ClientSampleId :
 LF001MW001-170509RE

Tot Ion:149 Resp: 2420
 Ion Ratio Lower Upper
 149 100
 167 38.0 20.1 30.1#
 279 3.8 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BE093049.D
 Acq: 16 May 2017 12:12

Tgt Ion:264 Resp: 5728
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.0 31.4
 265 28.7 24.6 36.8

