

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093609.D
 Acq On : 26 Jul 2017 17:52
 Operator : SJ/JU
 Sample : I4297-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RB-05-20170718

Quant Time: Jul 27 08:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

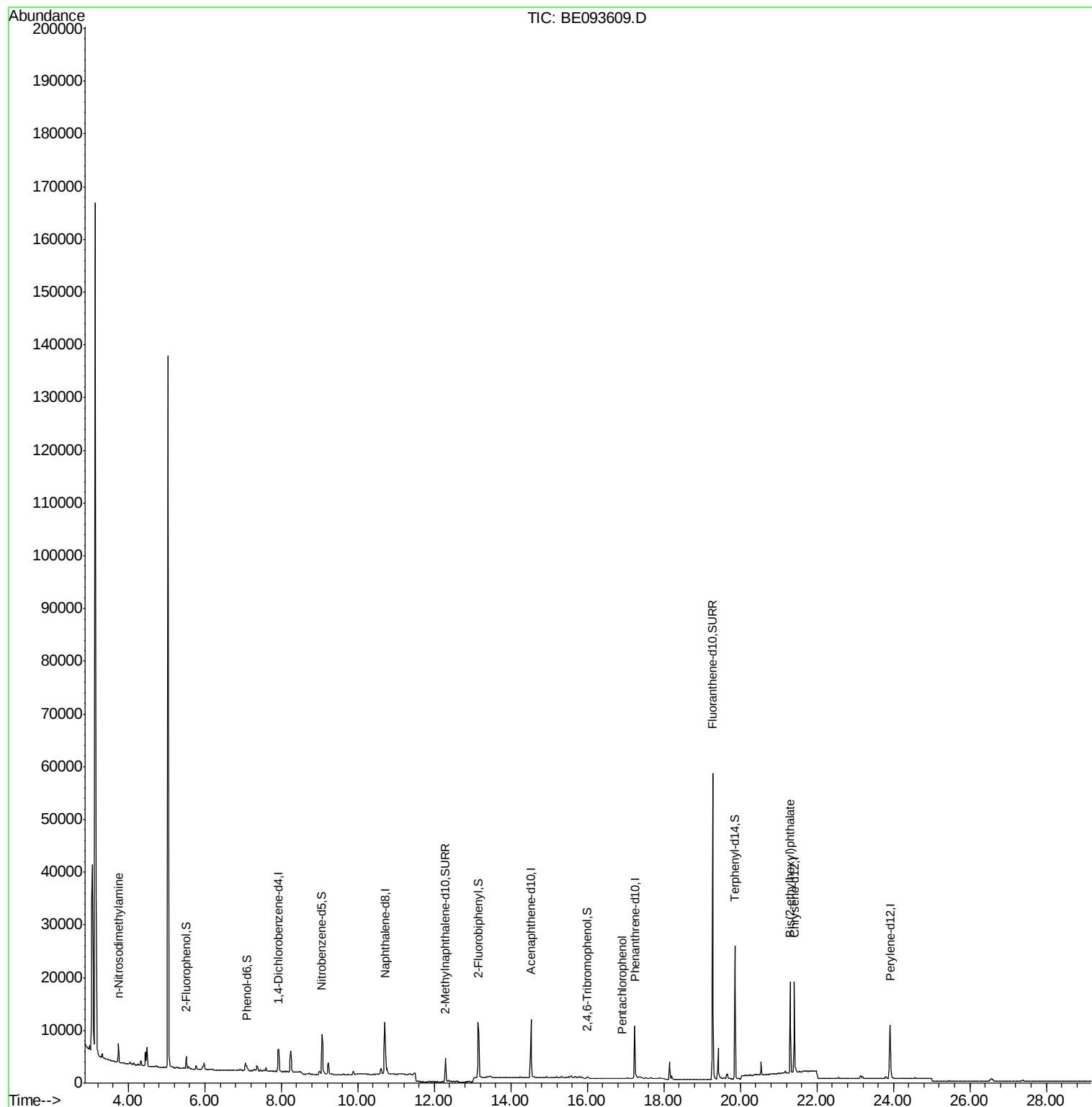
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2386	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11341	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6428	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16055	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18021	0.40	ng	-0.01
34) Perylene-d12	23.91	264	15546	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1159	0.14	ng	0.00
5) Phenol-d6	7.10	99	1089	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	3589	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6309	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	413	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11362	0.45	ng	-0.02
25) Fluoranthene-d10	19.27	212	76167	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	20787	0.63	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.74	42	333	0.085	ng	# 1
22) Pentachlorophenol	16.91	266	10	0.190	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.30	149	19193	0.159	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. -0.00 min

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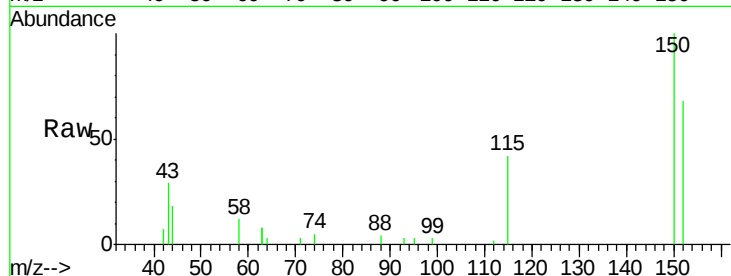
Tgt Ion:152 Resp: 2386

Ion Ratio Lower Upper

152 100

150 147.3 125.1 187.7

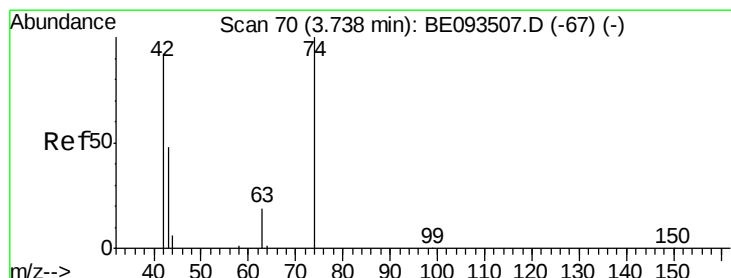
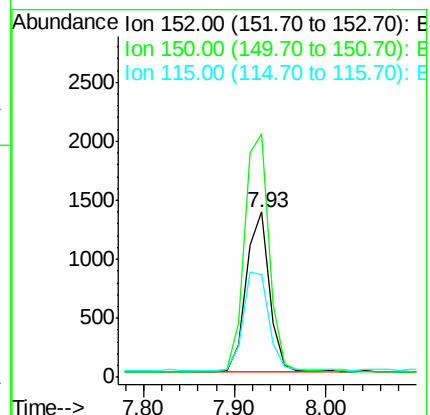
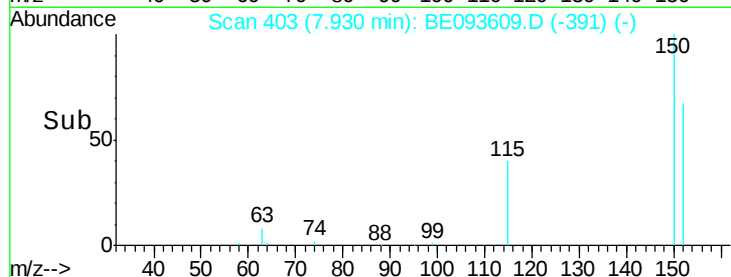
115 62.2 55.7 83.5



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: 0.085 ng

RT: 3.74 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

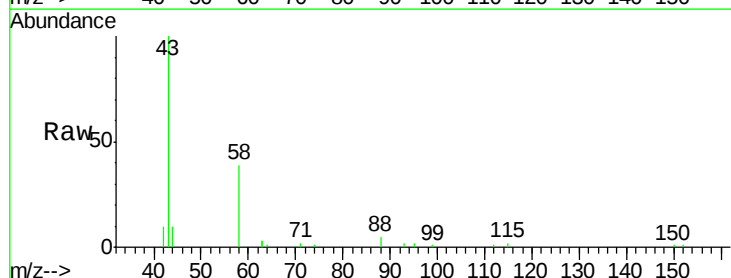
Tgt Ion: 42 Resp: 333

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

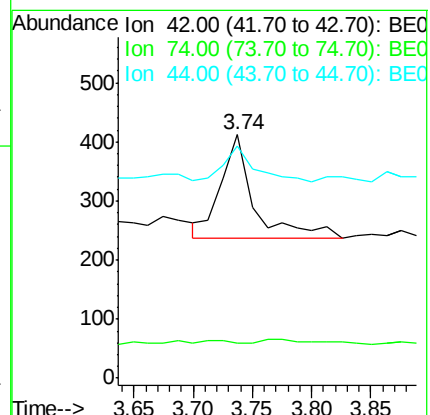
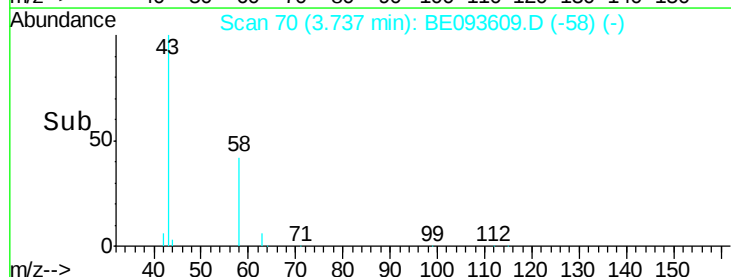
44 33.6 7.4 11.2#

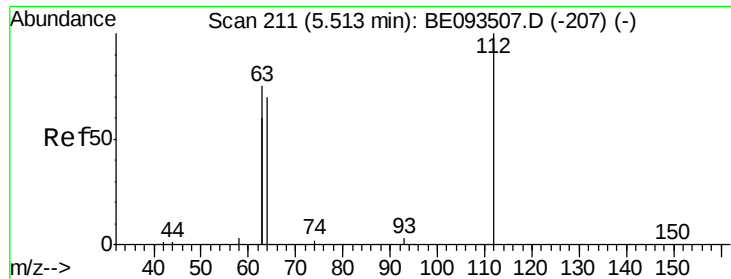


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

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Acq: 26 Jul 2017 17:52

Instrument :

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ClientSampleId :

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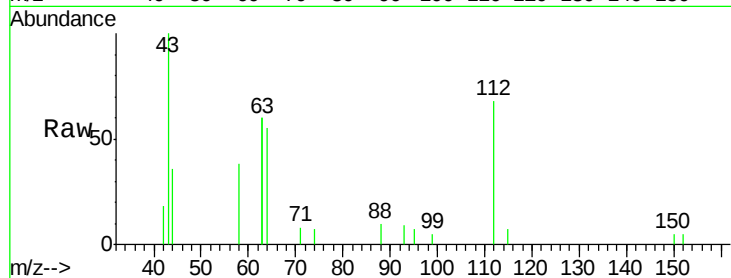
Tgt Ion: 112 Resp: 1159

Ion Ratio Lower Upper

112 100

64 70.0 56.4 84.6

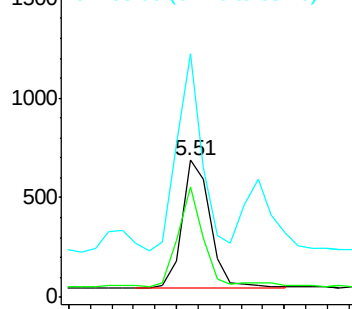
63 137.1 29.3 43.9#



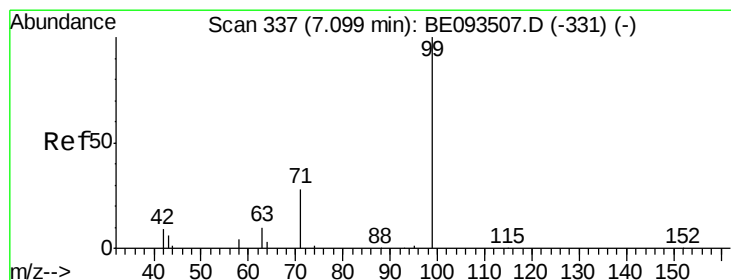
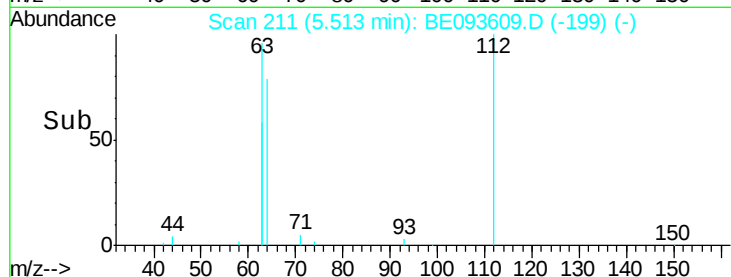
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.094 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

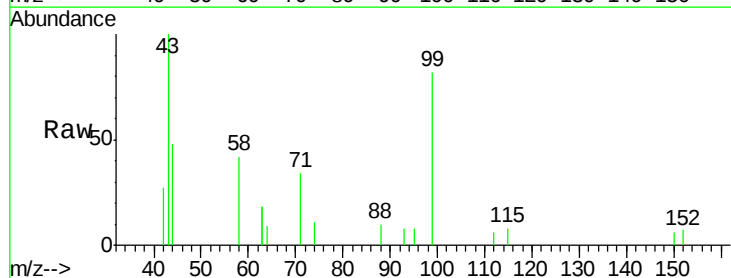
Tgt Ion: 99 Resp: 1089

Ion Ratio Lower Upper

99 100

42 21.8 0.0 0.0#

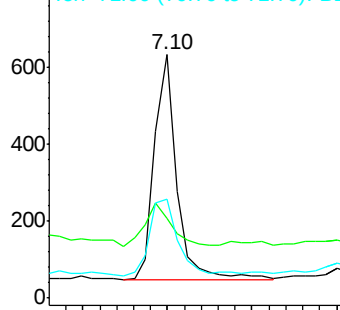
71 43.1 0.0 0.0#



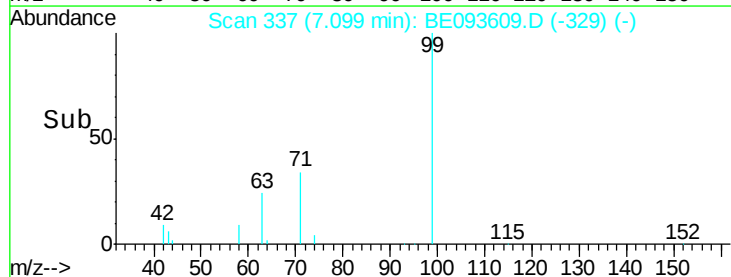
Abundance Ion 99.00 (98.70 to 99.70): BE0

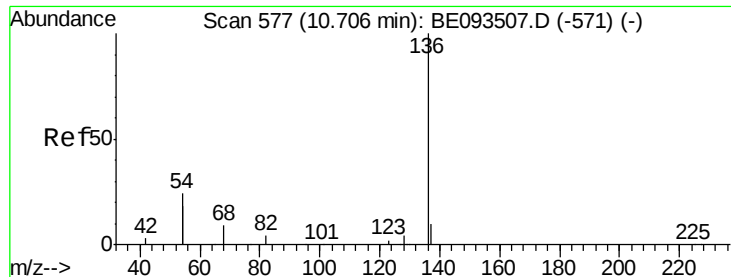
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:136 Resp: 11341

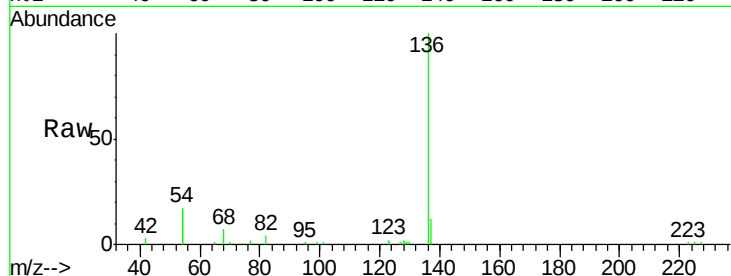
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 34.6 10.3 15.5#

68 7.2 9.0 13.4#



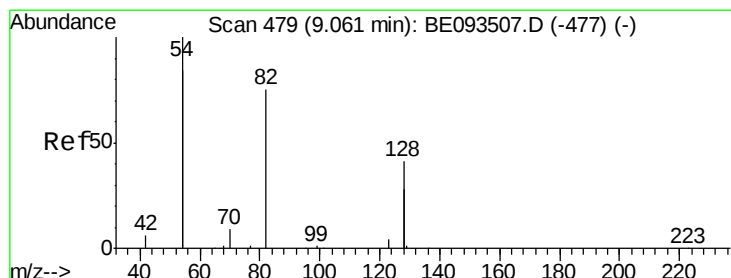
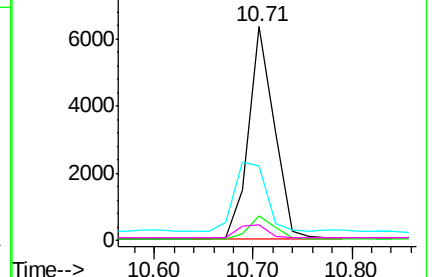
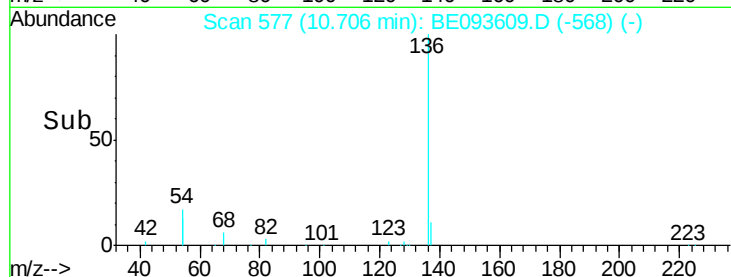
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.398 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

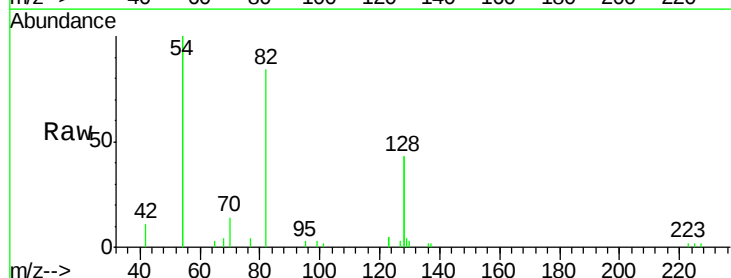
Tgt Ion: 82 Resp: 3589

Ion Ratio Lower Upper

82 100

128 102.4 17.0 25.4#

54 239.4 53.8 80.6#

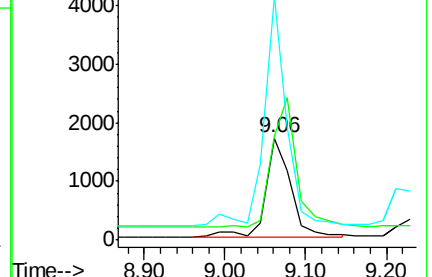
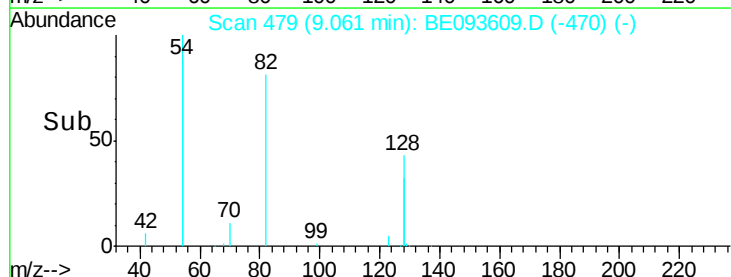


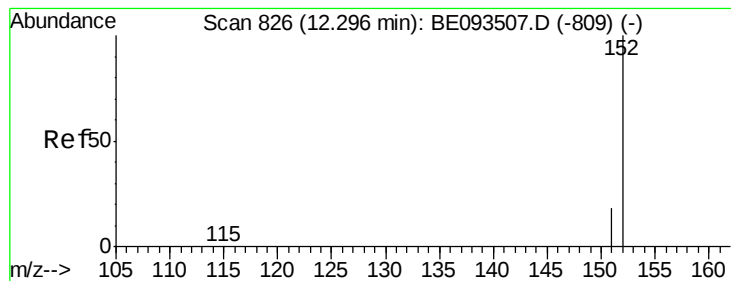
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

Instrument :

BNA_E

ClientSampleId :

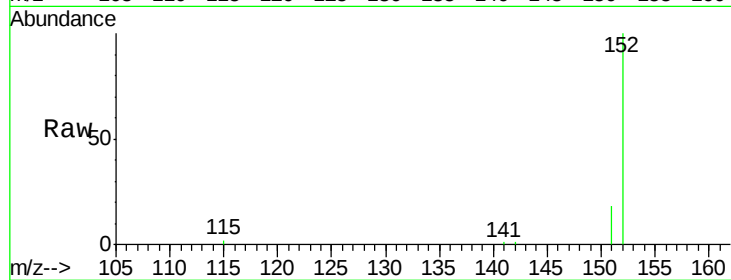
RB-05-20170718

Tgt Ion:152 Resp: 6309

Ion Ratio Lower Upper

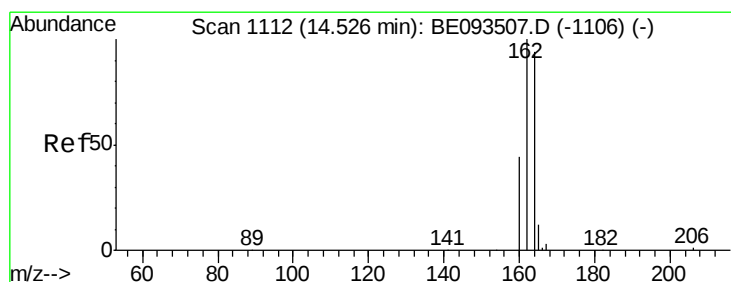
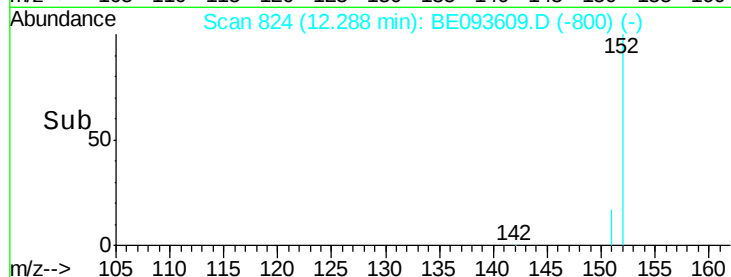
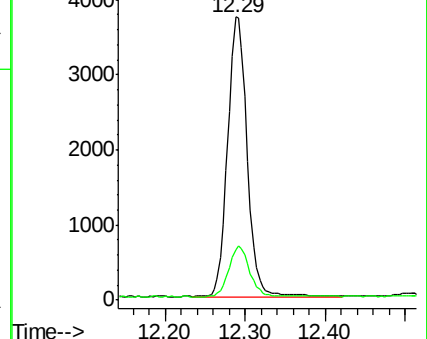
152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

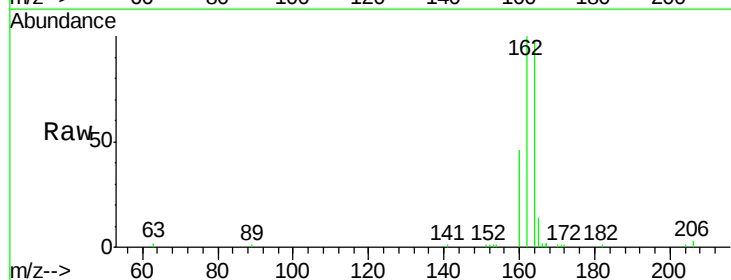
Tgt Ion:164 Resp: 6428

Ion Ratio Lower Upper

164 100

162 101.6 84.6 127.0

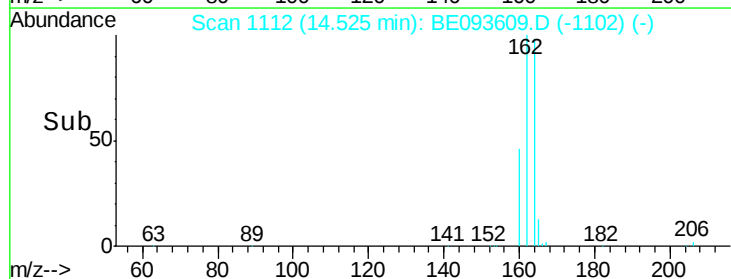
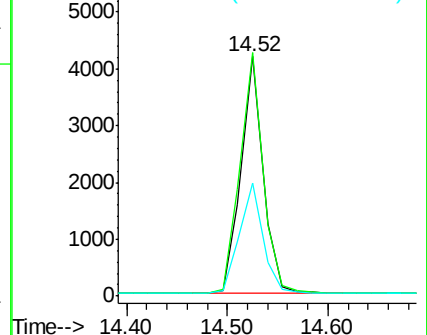
160 47.1 41.8 62.6

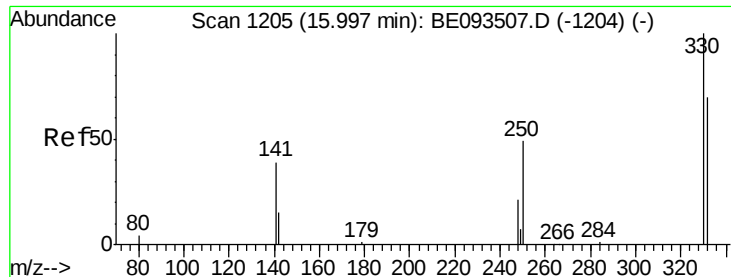


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.177 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

Instrument :

BNA_E

ClientSampleId :

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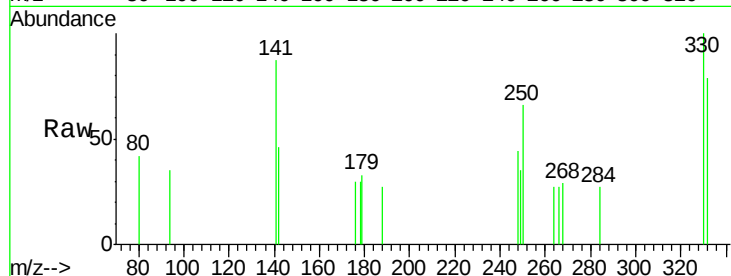
Tgt Ion: 330 Resp: 413

Ion Ratio Lower Upper

330 100

332 0.0 77.7 116.5#

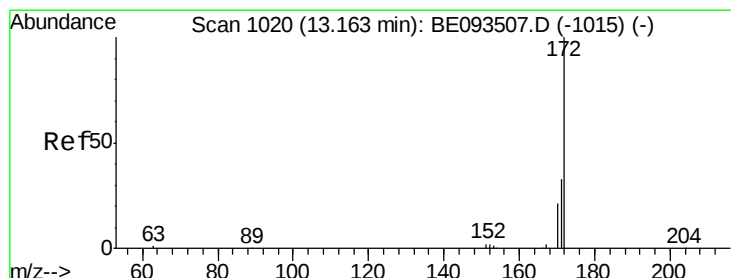
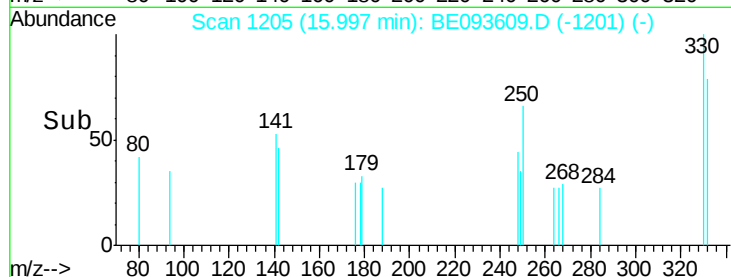
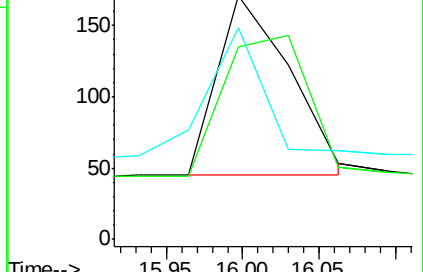
141 54.0 56.2 84.4#



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: 0.449 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

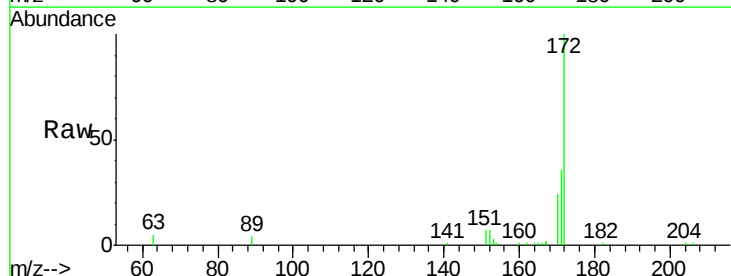
Tgt Ion: 172 Resp: 11362

Ion Ratio Lower Upper

172 100

171 36.0 29.8 44.6

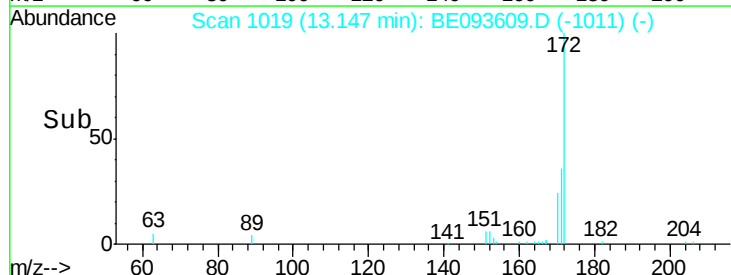
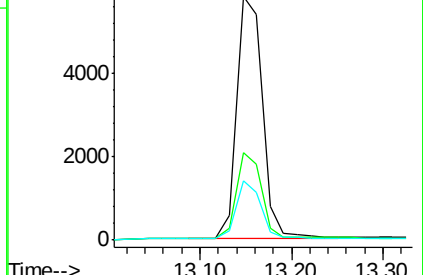
170 24.5 20.7 31.1

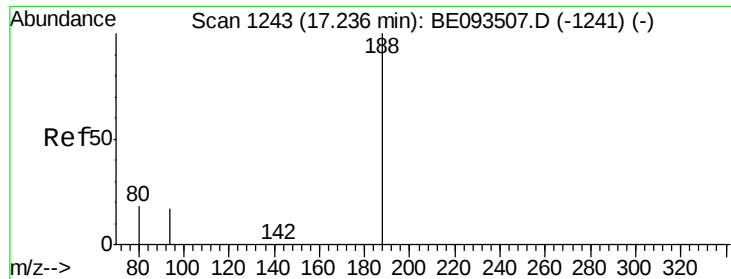


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

Instrument :

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ClientSampleId :

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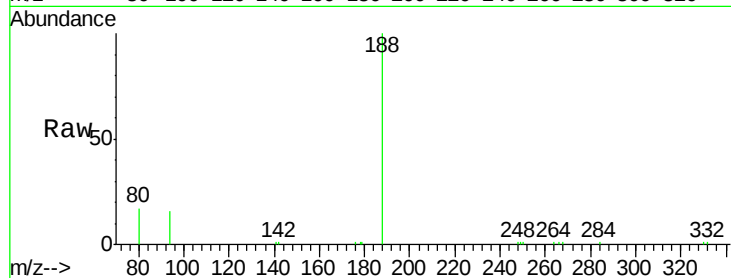
Tgt Ion:188 Resp: 16055

Ion Ratio Lower Upper

188 100

94 15.9 11.3 16.9

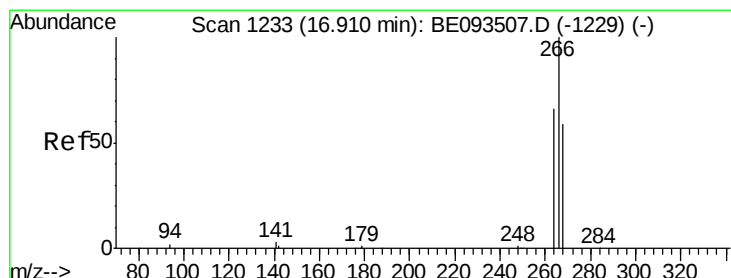
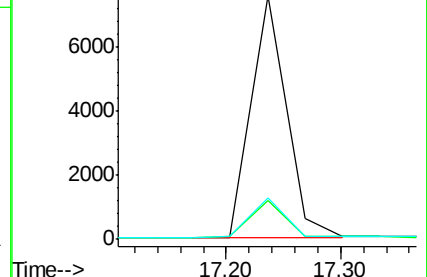
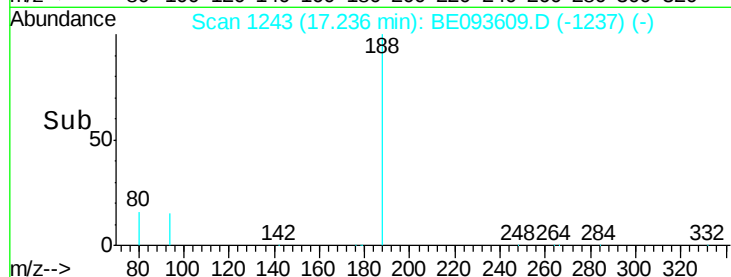
80 16.8 11.7 17.5



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: 0.190 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

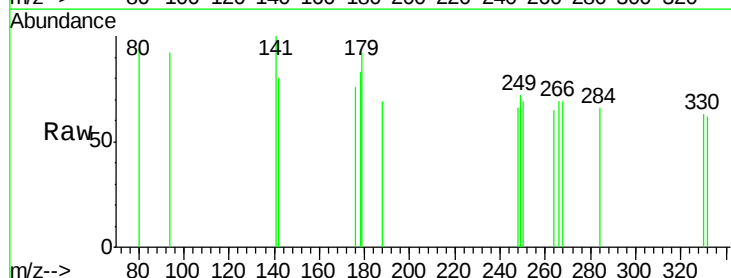
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.9 56.0 84.0#

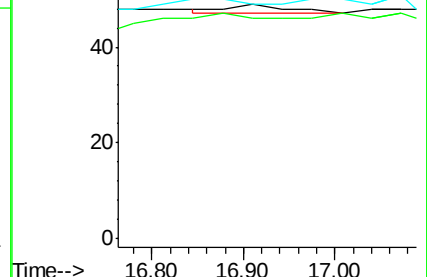
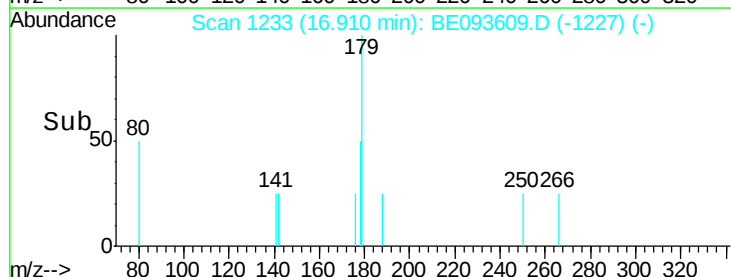
268 100.0 52.0 78.0#

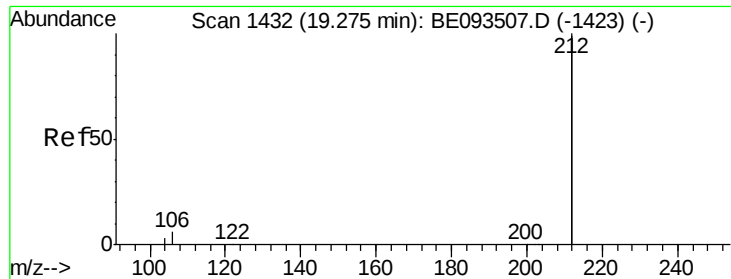


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.298 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

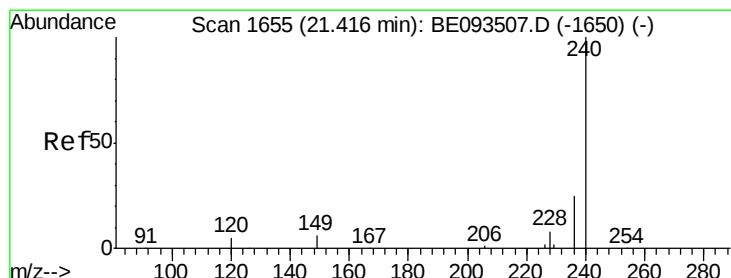
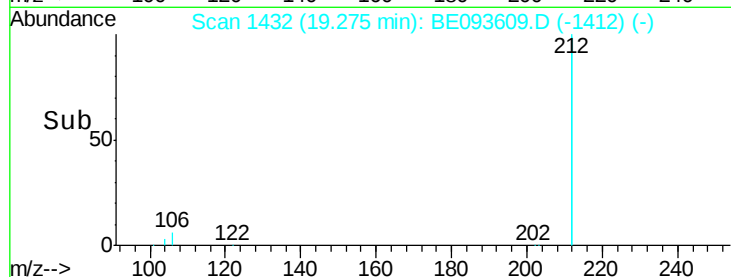
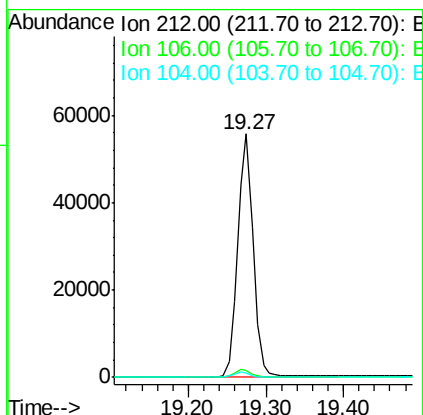
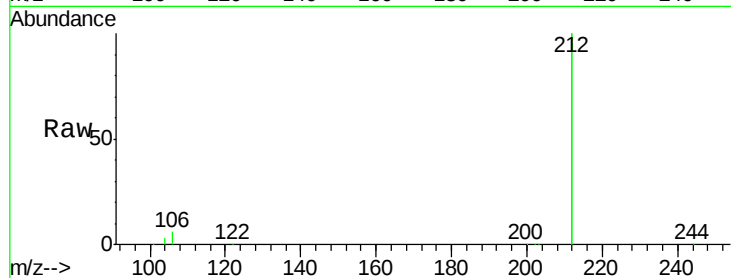
Instrument :

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Tgt Ion:	212	Resp:	76167
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	2.0	1.6	2.4



#27

Chrysene-d12

Concen: 0.400 ng

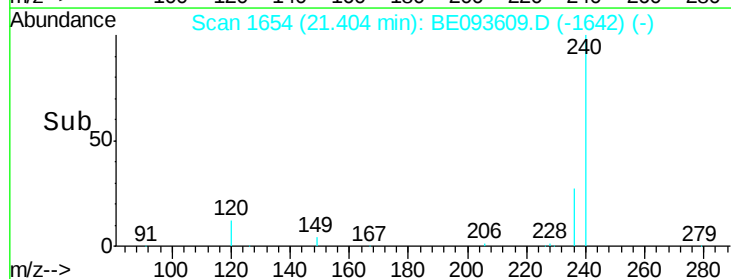
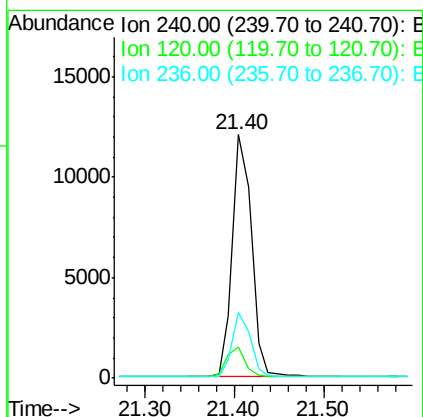
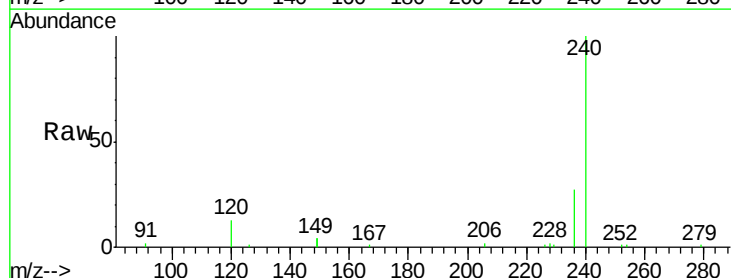
RT: 21.40 min Scan# 1654

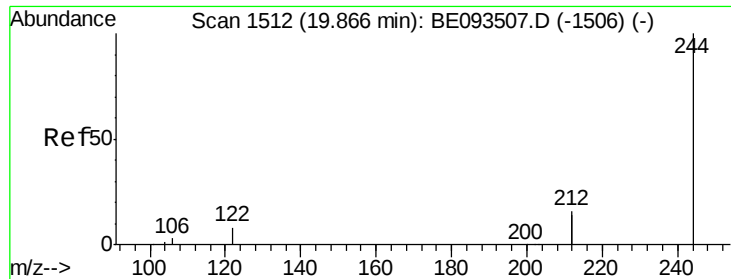
Delta R.T. -0.01 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

Tgt Ion:	240	Resp:	18021
Ion	Ratio	Lower	Upper
240	100		
120	12.8	4.6	7.0#
236	27.1	20.8	31.2





#29

Terphenyl-d14

Concen: 0.634 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

Instrument :

BNA_E

ClientSampleId :

RB-05-20170718

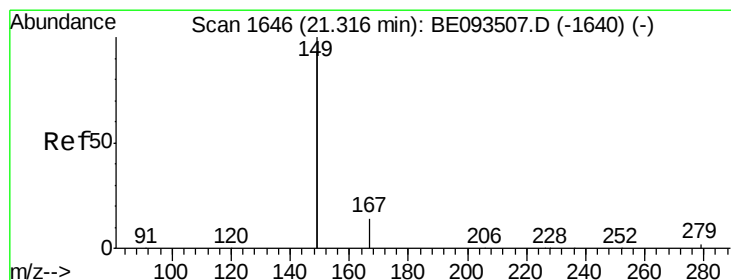
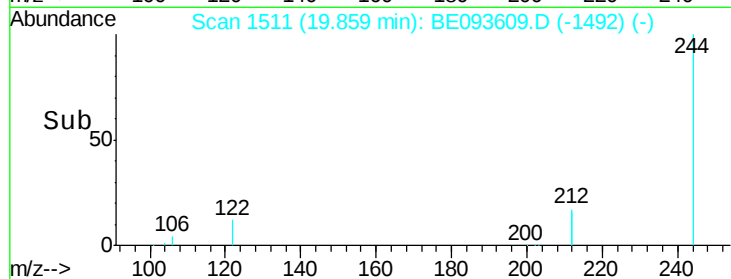
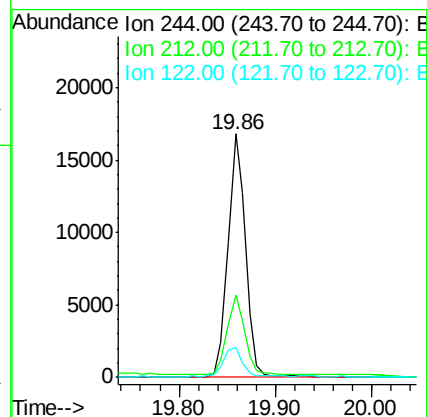
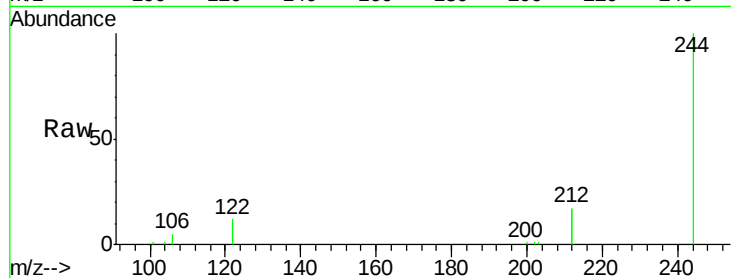
Tgt Ion:244 Resp: 20787

Ion Ratio Lower Upper

244 100

212 33.9 10.6 16.0#

122 12.4 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.159 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093609.D

Acq: 26 Jul 2017 17:52

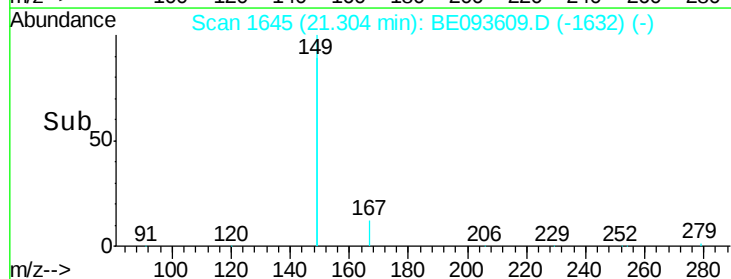
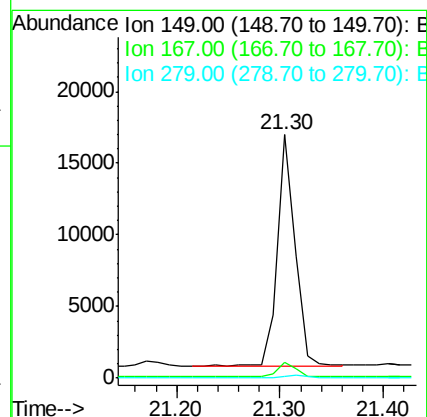
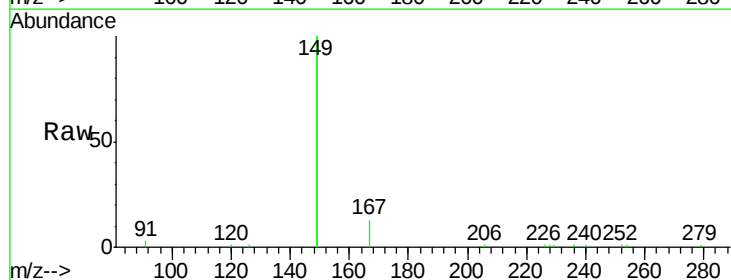
Tgt Ion:149 Resp: 19193

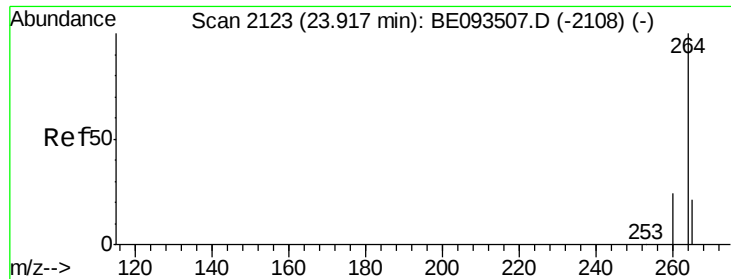
Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

279 1.0 0.8 1.2





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE093609.D
Acq: 26 Jul 2017 17:52

Instrument :
BNA_E
ClientSampleId :
RB-05-20170718

Tgt Ion: 264 Resp: 15546
Ion Ratio Lower Upper
264 100
260 24.6 21.0 31.4
265 26.7 24.6 36.8

