

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072617\
 Data File : BE093607.D
 Acq On : 26 Jul 2017 16:37
 Operator : SJ/JU
 Sample : I4297-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RB-04-20170717

Quant Time: Jul 27 08:20:51 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

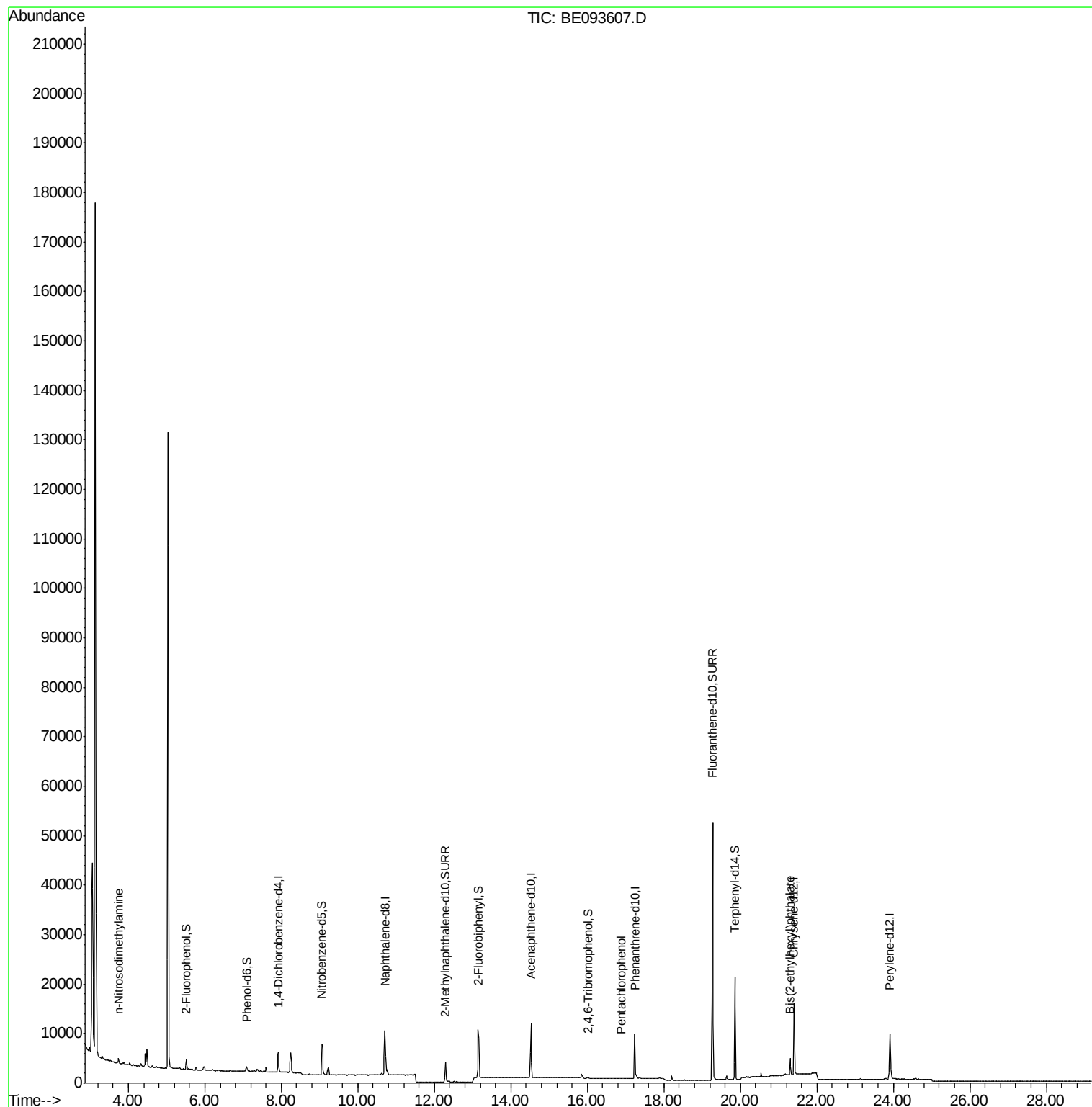
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2253	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10455	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6010	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14669	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15935	0.40	ng	-0.01
34) Perylene-d12	23.91	264	13925	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1126	0.14	ng	0.00
5) Phenol-d6	7.10	99	997	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	3070	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6063	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	348	0.16	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	10538	0.45	ng	-0.02
25) Fluoranthene-d10	19.27	212	67927	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	17259	0.60	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.74	42	120	0.032	ng	# 5
22) Pentachlorophenol	16.88	266	2	0.188	ng	# 58
32) Bis(2-ethylhexyl)phthalate	21.30	149	4028	0.032	ng	99

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

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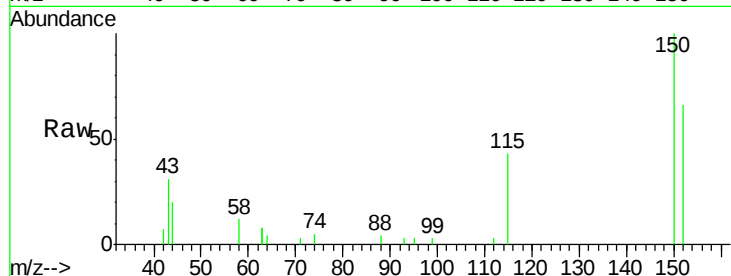


#1

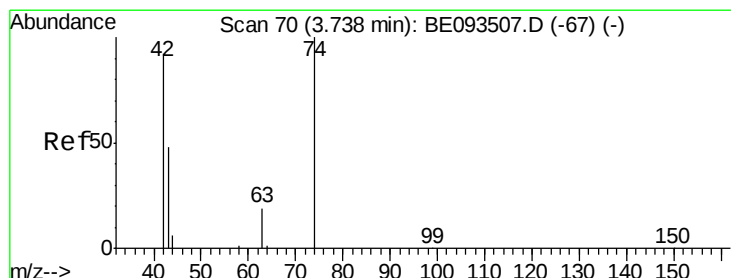
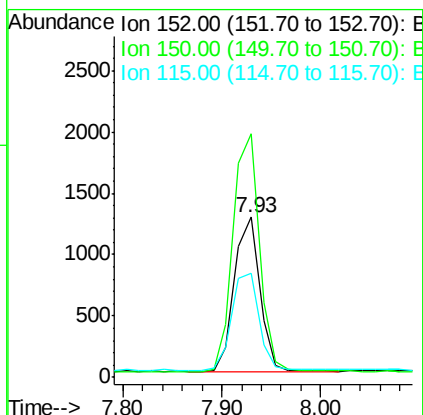
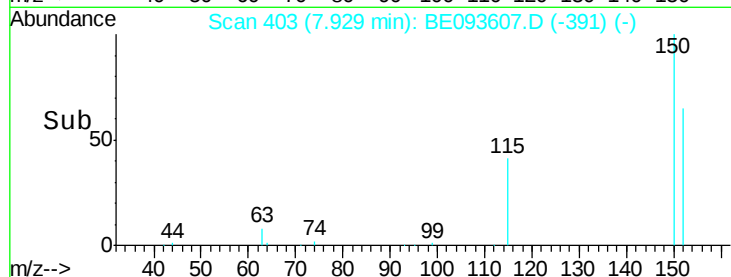
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_E
ClientSampleId :
RB-04-20170717

Tgt Ion:152 Resp: 2253
Ion Ratio Lower Upper
152 100
150 152.0 125.1 187.7
115 64.8 55.7 83.5



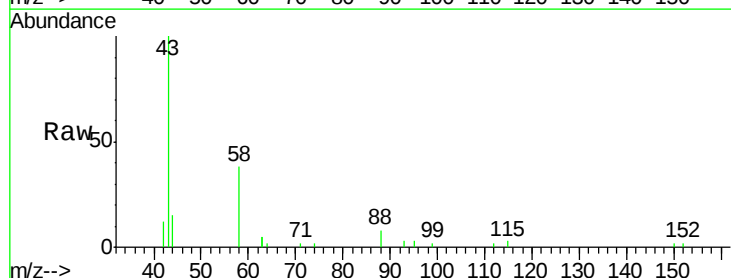
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



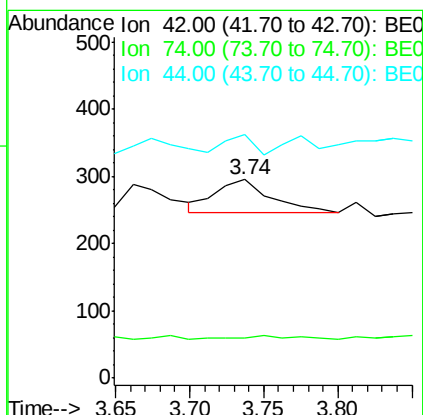
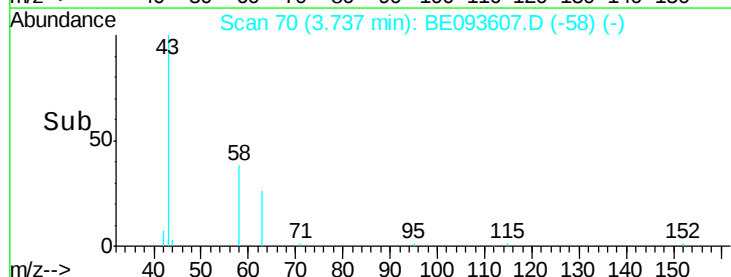
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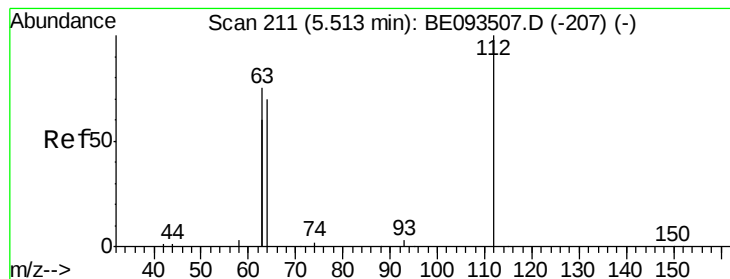
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE093607.D
Acq: 26 Jul 2017 16:37

Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
74 13.3 99.1 148.7#
44 32.5 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: 0.144 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_E

ClientSampleId :

RB-04-20170717

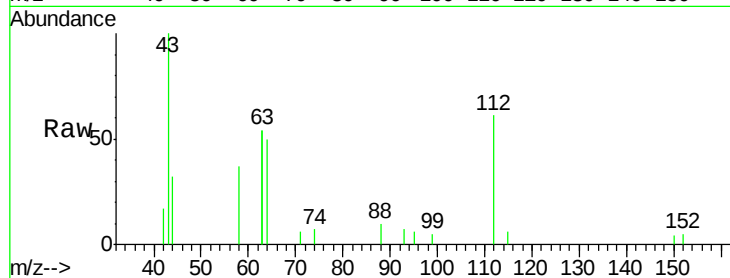
Tgt Ion: 112 Resp: 1126

Ion Ratio Lower Upper

112 100

64 68.9 56.4 84.6

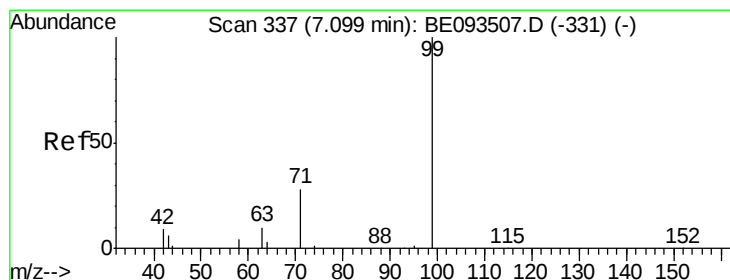
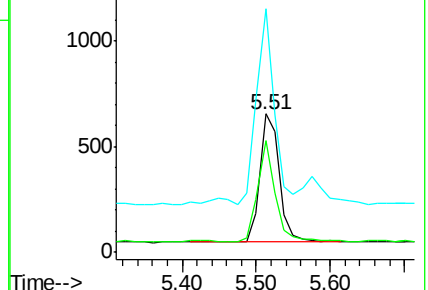
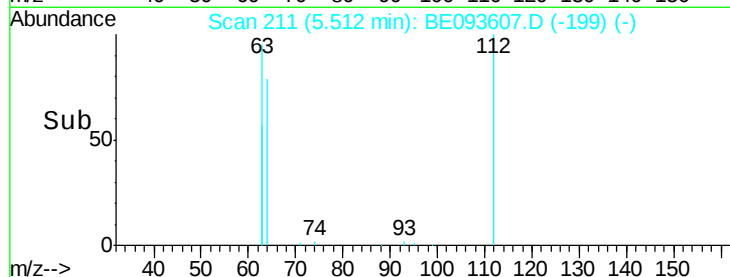
63 136.1 29.3 43.9#



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



#5

Phenol-d6

Concen: 0.091 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

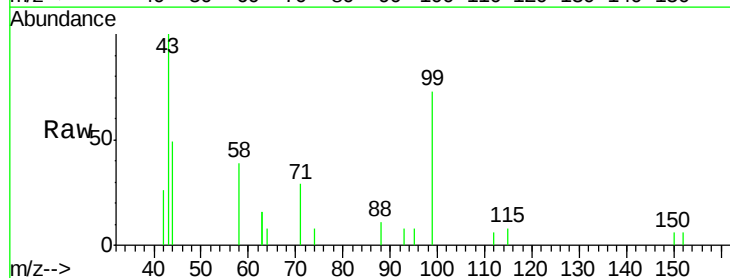
Tgt Ion: 99 Resp: 997

Ion Ratio Lower Upper

99 100

42 22.2 0.0 0.0#

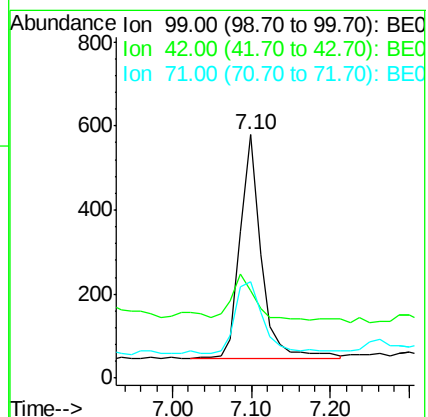
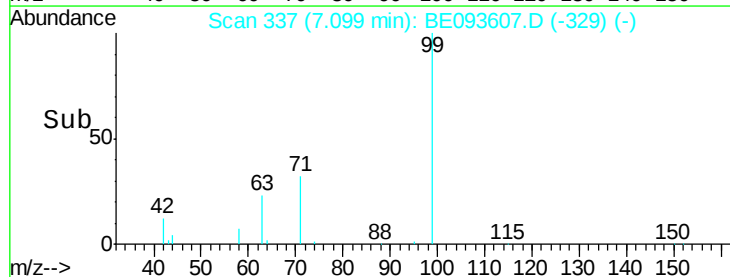
71 42.3 0.0 0.0#

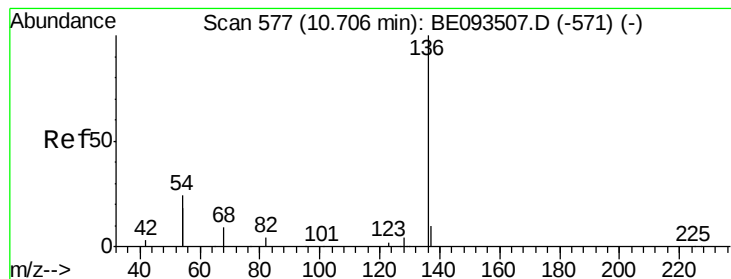


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_E

ClientSampleId :

RB-04-20170717

Tgt Ion:136 Resp: 10455

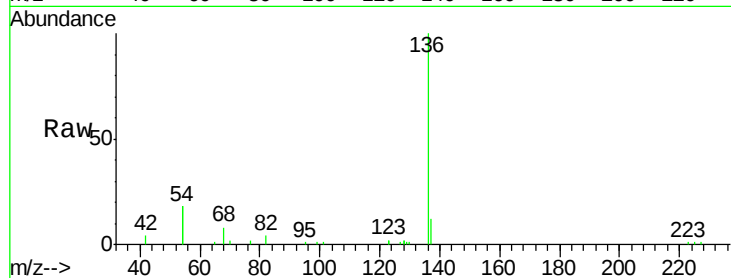
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 36.3 10.3 15.5#

68 7.6 9.0 13.4#

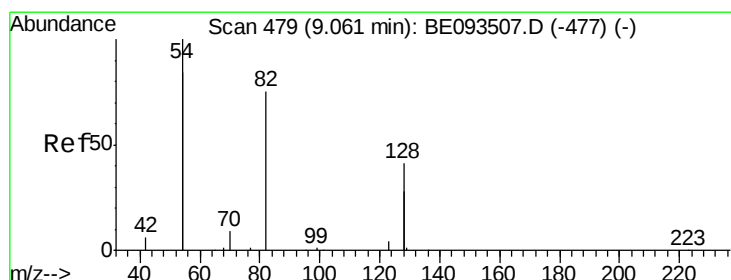
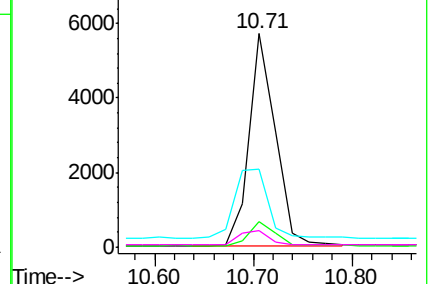
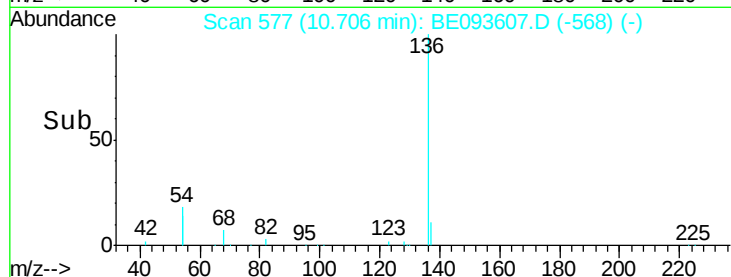


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.370 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

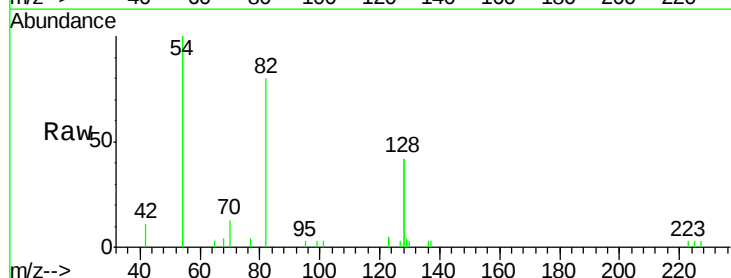
Tgt Ion: 82 Resp: 3070

Ion Ratio Lower Upper

82 100

128 104.6 17.0 25.4#

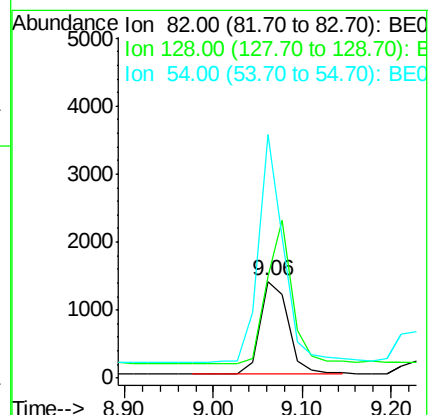
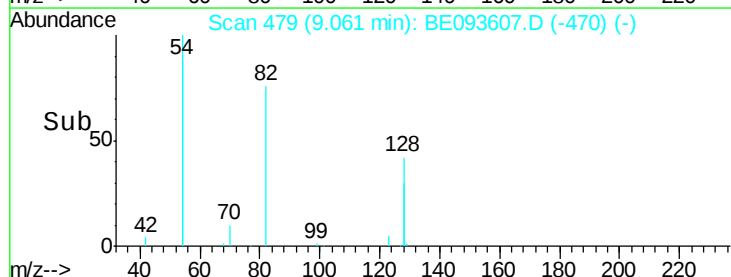
54 251.2 53.8 80.6#

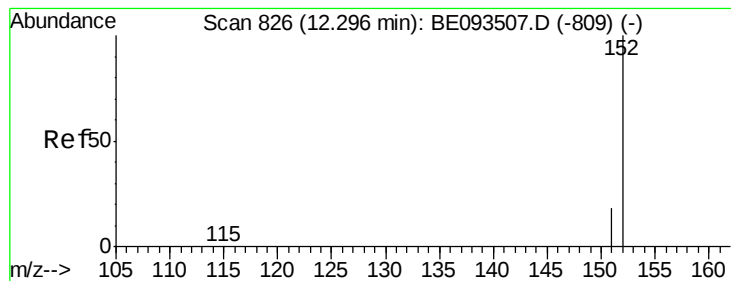


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_E

ClientSampleId :

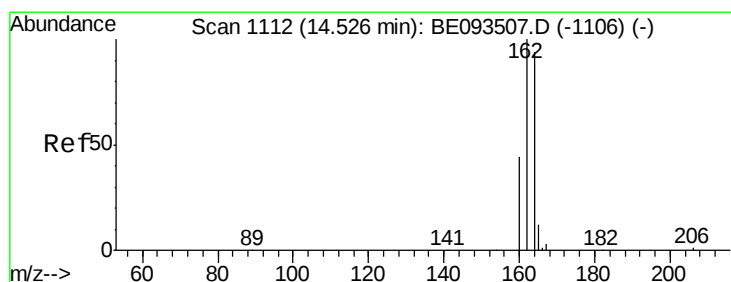
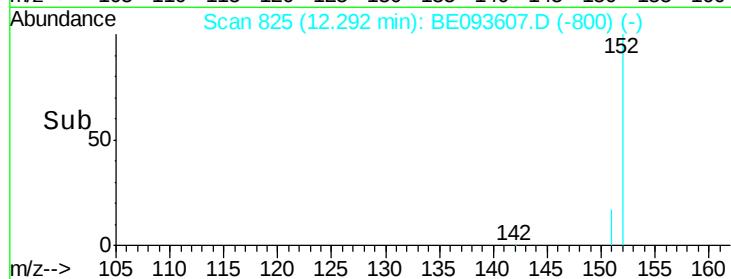
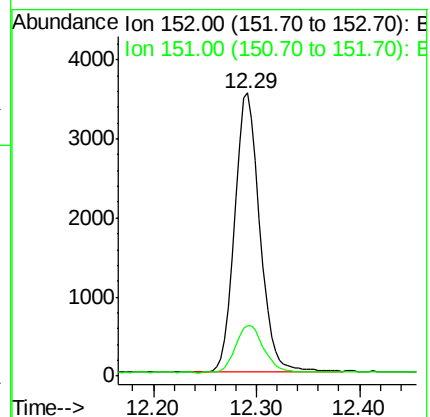
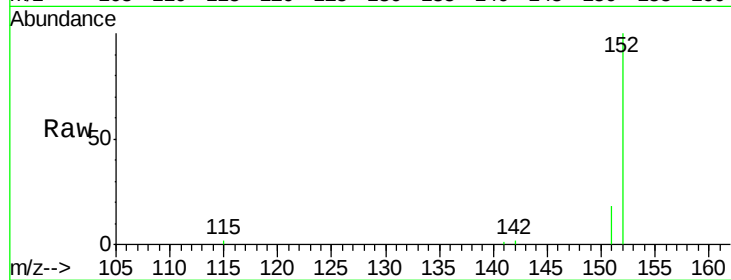
RB-04-20170717

Tgt Ion:152 Resp: 6063

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

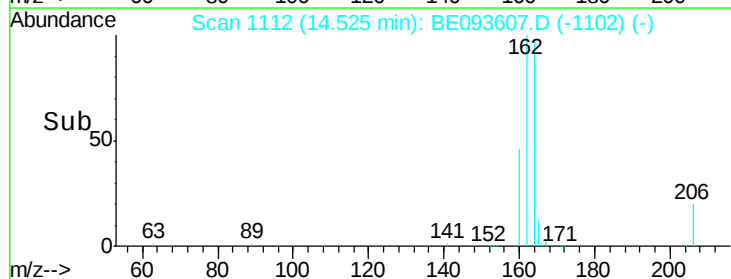
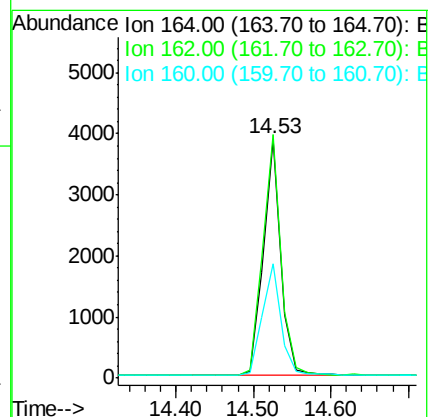
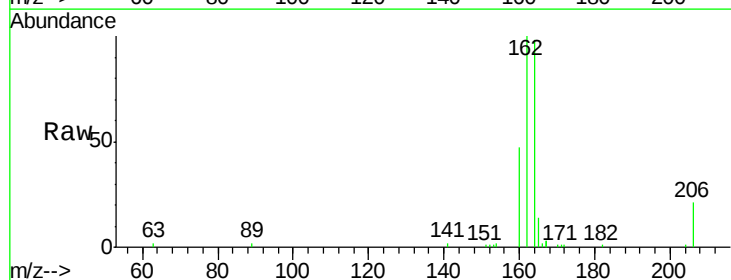
Tgt Ion:164 Resp: 6010

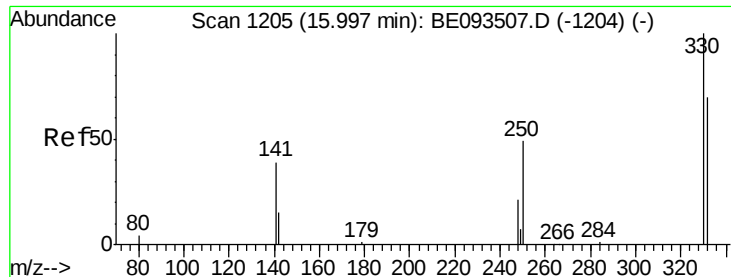
Ion Ratio Lower Upper

164 100

162 102.0 84.6 127.0

160 47.8 41.8 62.6

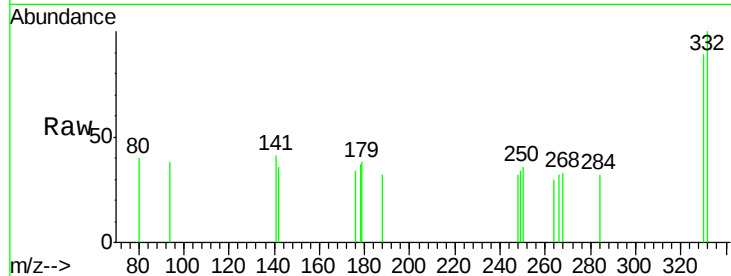




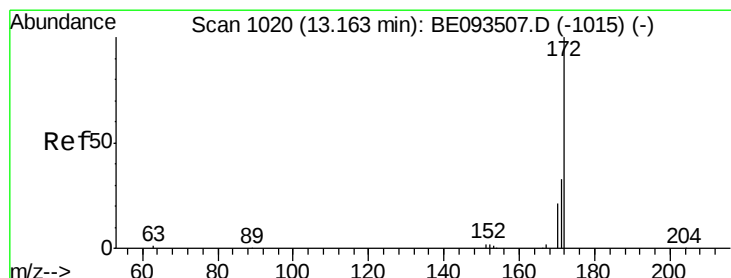
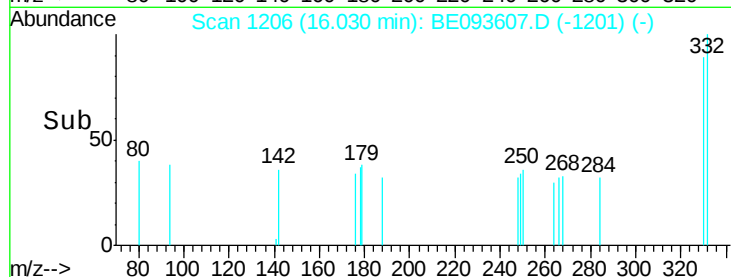
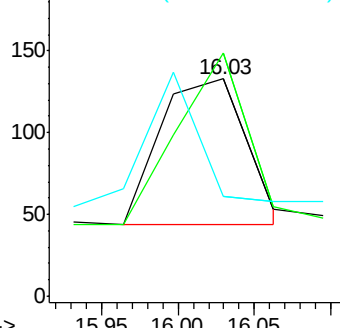
#14
 2,4,6-Tribromophenol
 Concen: 0.159 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE093607.D
 Acq: 26 Jul 2017 16:37

Instrument :
 BNA_E
 ClientSampleId :
 RB-04-20170717

Tgt Ion: 330 Resp: 348
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.7 116.5
 141 0.0 56.2 84.4#

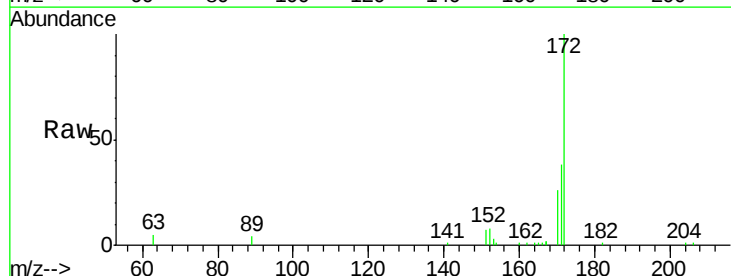


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

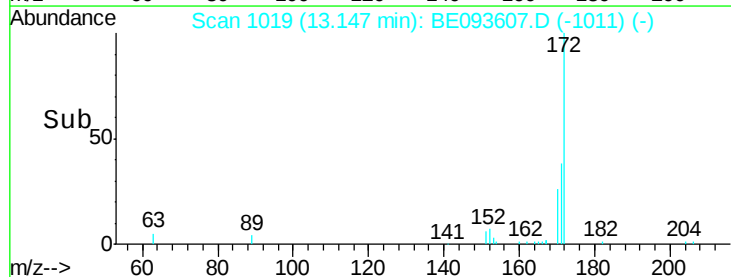
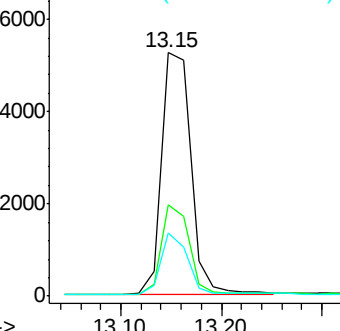


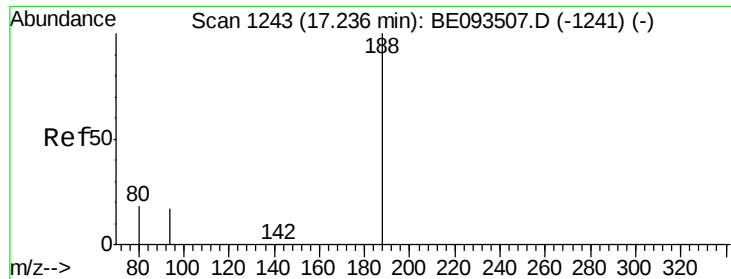
#15
 2-Fluorobiphenyl
 Concen: 0.446 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BE093607.D
 Acq: 26 Jul 2017 16:37

Tgt Ion: 172 Resp: 10538
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.2 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: BE093607.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_E

ClientSampleId :

RB-04-20170717

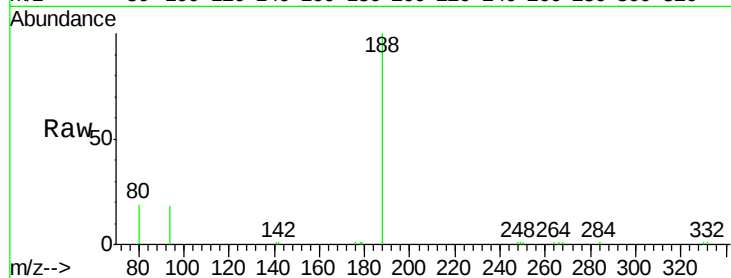
Tgt Ion:188 Resp: 14669

Ion Ratio Lower Upper

188 100

94 17.5 11.3 16.9#

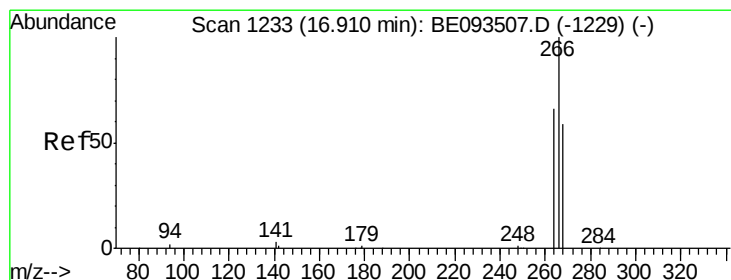
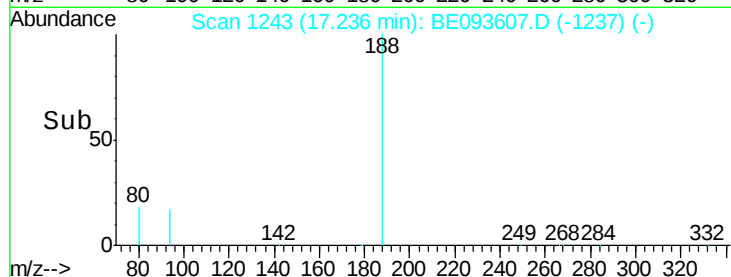
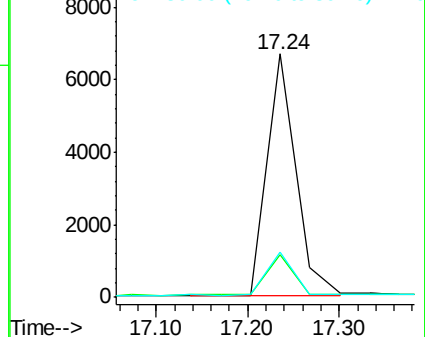
80 18.6 11.7 17.5#



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



#22

Pentachlorophenol

Concen: 0.188 ng

RT: 16.88 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

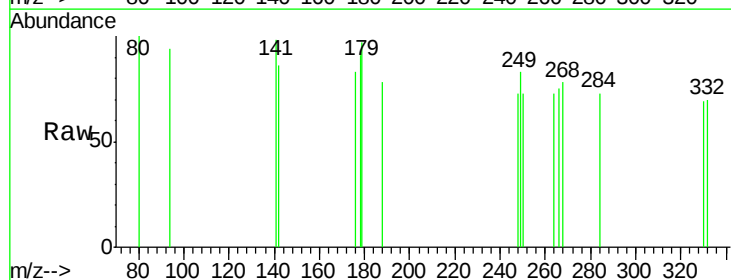
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 97.9 56.0 84.0#

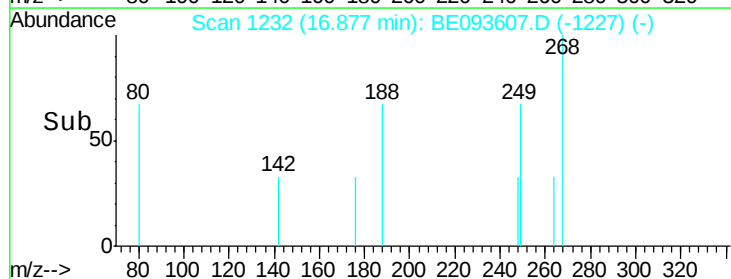
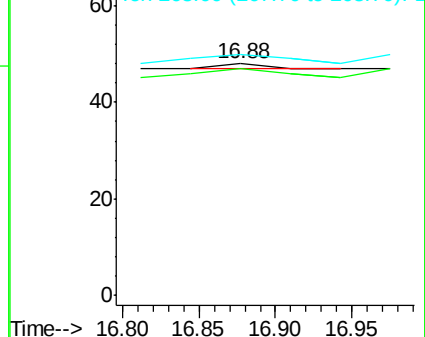
268 104.2 52.0 78.0#

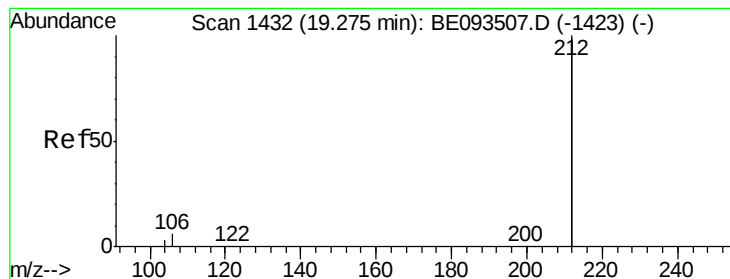


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.291 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

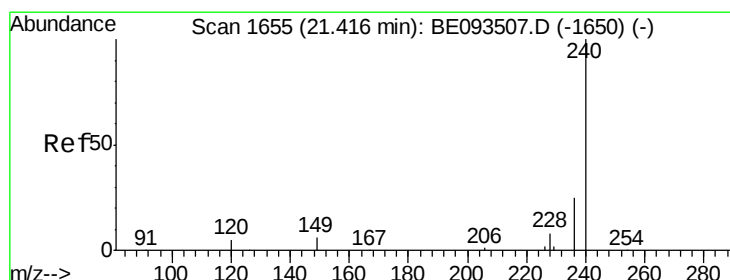
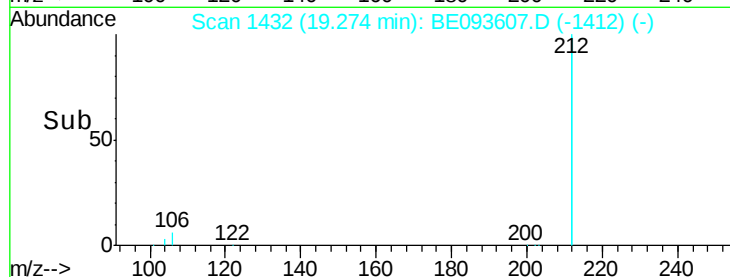
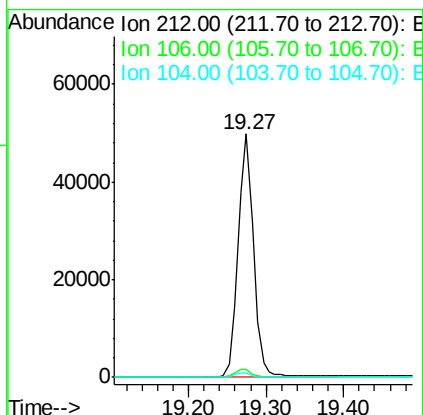
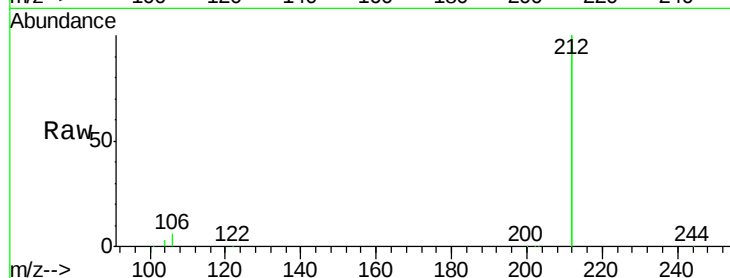
Instrument :

BNA_E

ClientSampleId :

RB-04-20170717

Tgt Ion:	212	Resp:	67927
Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4



#27

Chrysene-d12

Concen: 0.400 ng

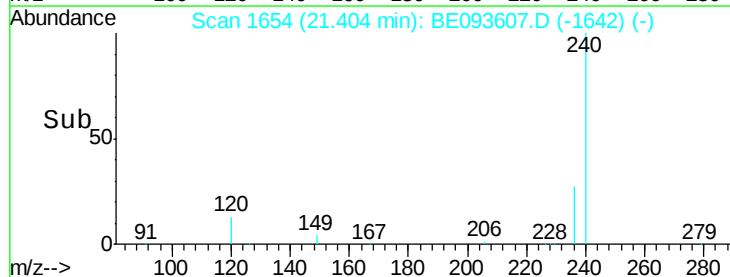
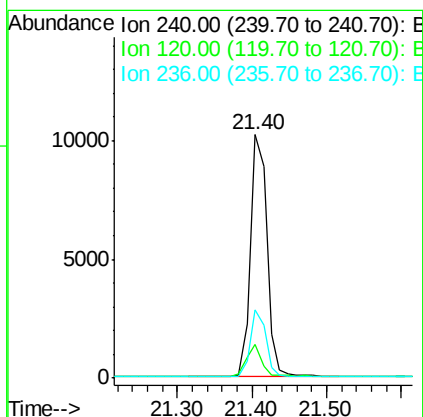
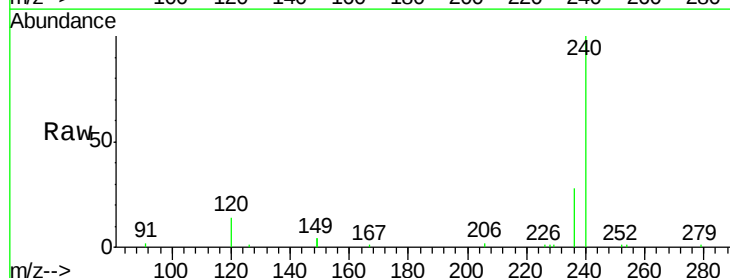
RT: 21.40 min Scan# 1654

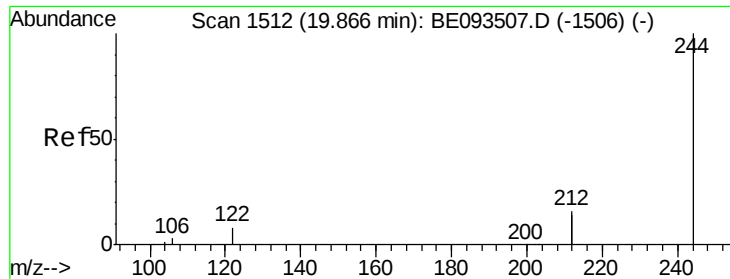
Delta R.T. -0.01 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

Tgt Ion:	240	Resp:	15935
Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.6	7.0#
236	27.8	20.8	31.2





#29

Terphenyl-d14

Concen: 0.595 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_E

ClientSampleId :

RB-04-20170717

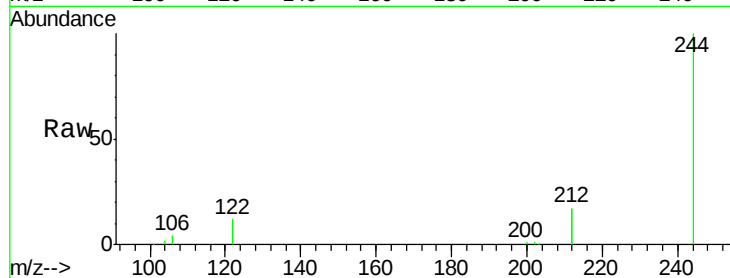
Tgt Ion:244 Resp: 17259

Ion Ratio Lower Upper

244 100

212 34.6 10.6 16.0#

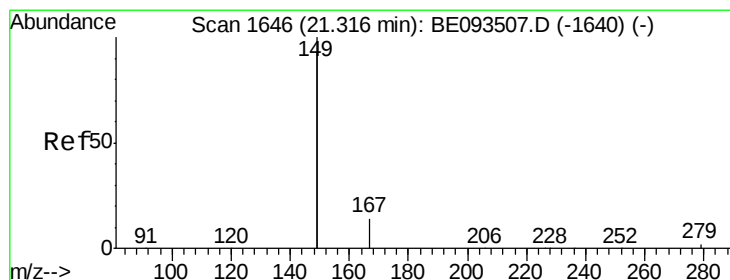
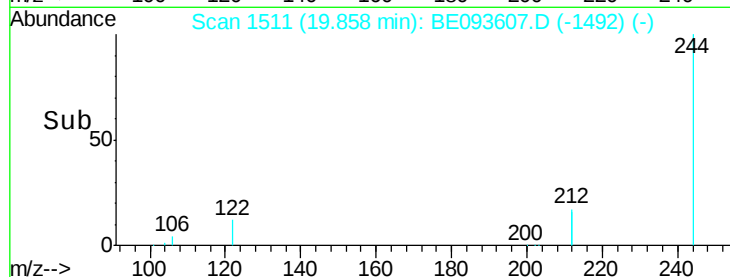
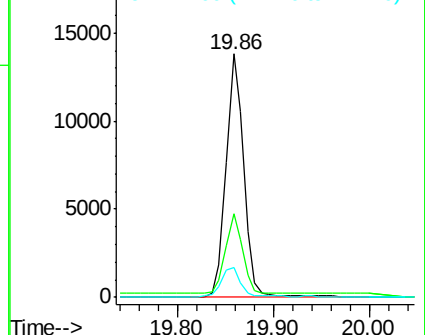
122 12.0 15.4 23.0#



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: 0.032 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

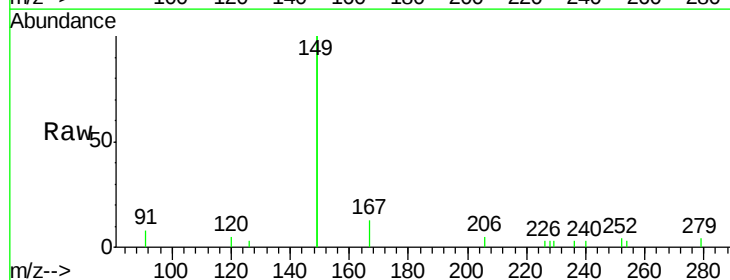
Tgt Ion:149 Resp: 4028

Ion Ratio Lower Upper

149 100

167 6.3 4.8 7.2

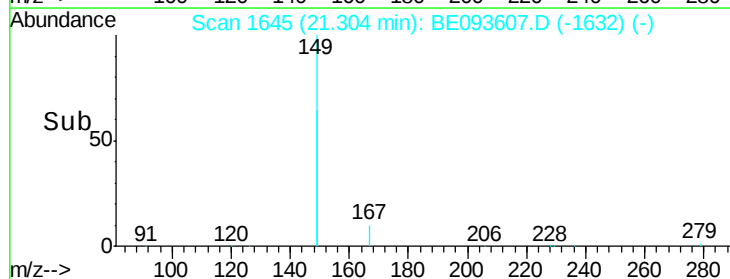
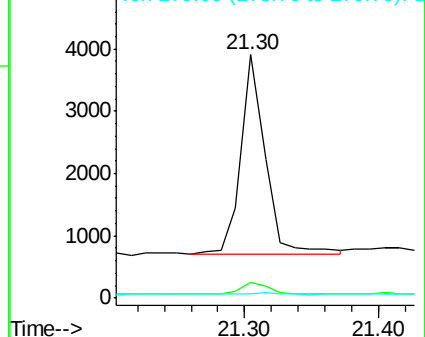
279 1.1 0.8 1.2

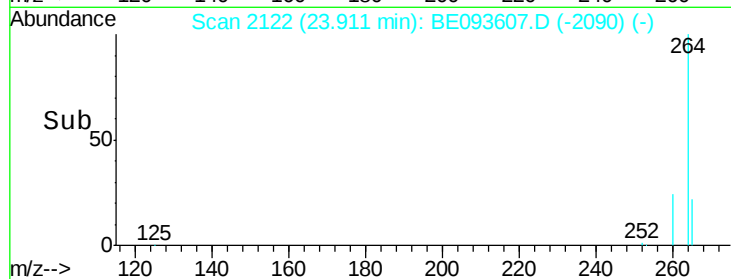
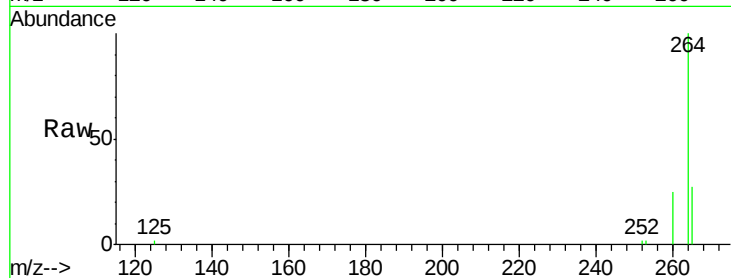
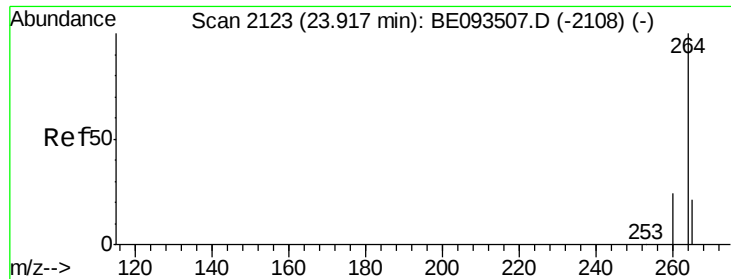


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE093607.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_E

ClientSampleId :

RB-04-20170717

Tgt Ion: 264 Resp: 13925

Ion Ratio Lower Upper

264 100

260 25.1 21.0 31.4

265 26.6 24.6 36.8

