

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093627.D
 Acq On : 2 Aug 2017 15:30
 Operator : SJ/JU
 Sample : PB100998BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100998BL

Quant Time: Aug 02 17:29:44 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

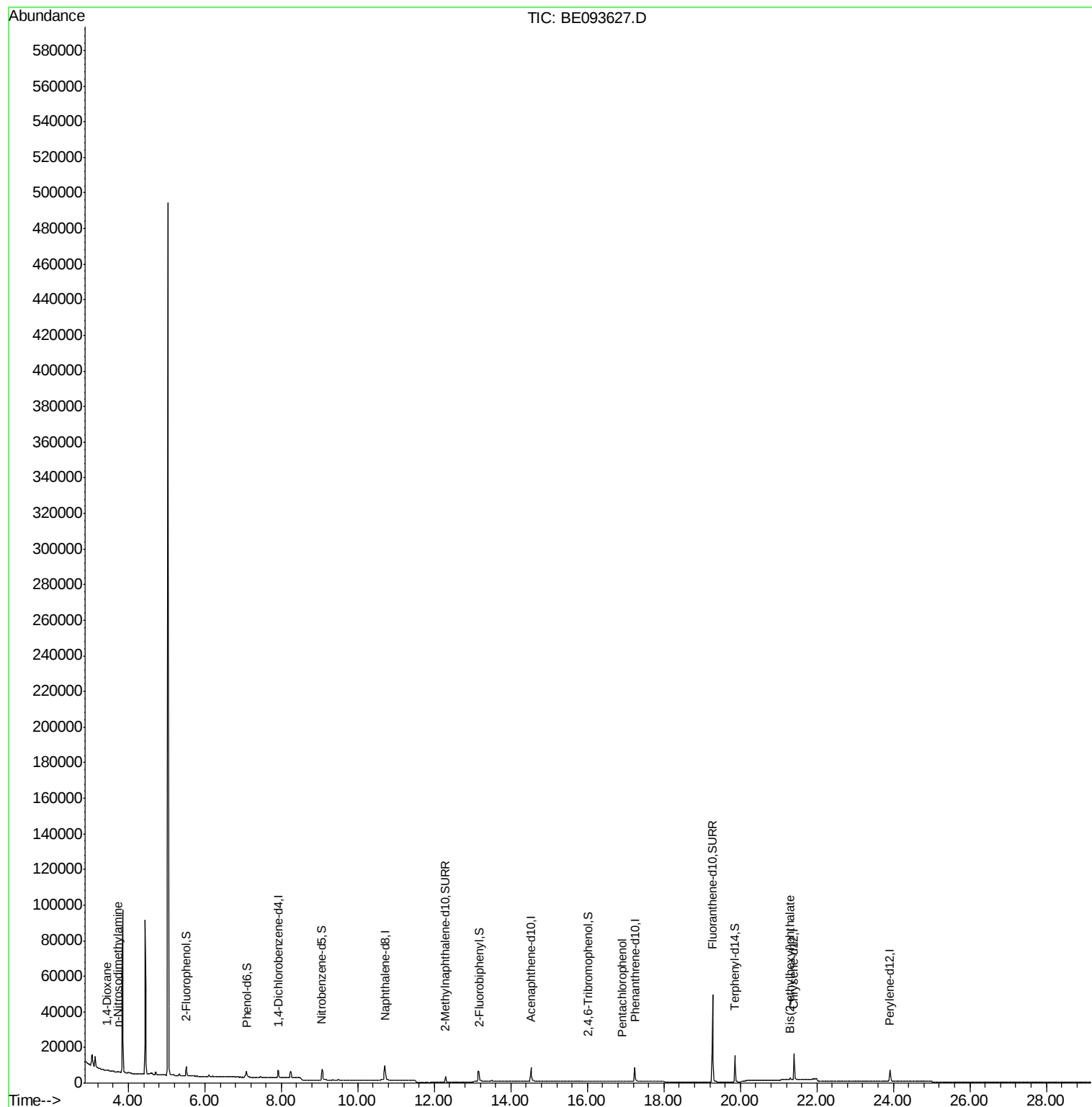
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2218	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	9821	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5080	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14203	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16806	0.40	ng	-0.01
34) Perylene-d12	23.91	264	10014	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2764	0.42	ng	0.00
5) Phenol-d6	7.10	99	3771	0.38	ng	0.00
8) Nitrobenzene-d5	9.06	82	2970	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5486	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	508	0.44	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	7741	0.38	ng	0.00
25) Fluoranthene-d10	19.27	212	67682	0.42	ng	0.00
29) Terphenyl-d14	19.86	244	12872	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	155	0.043	ng	# 1
3) n-Nitrosodimethylamine	3.72	42	190	0.056	ng	# 2
20) 4-Bromophenyl-phenylether	16.49	248	2	Below Cal		# 34
22) Pentachlorophenol	16.91	266	16	0.156	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.30	149	1353	0.020	ng	# 96

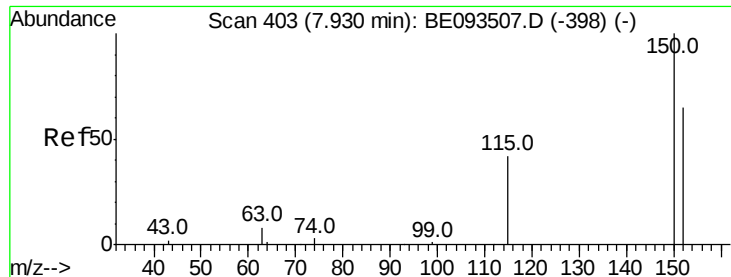
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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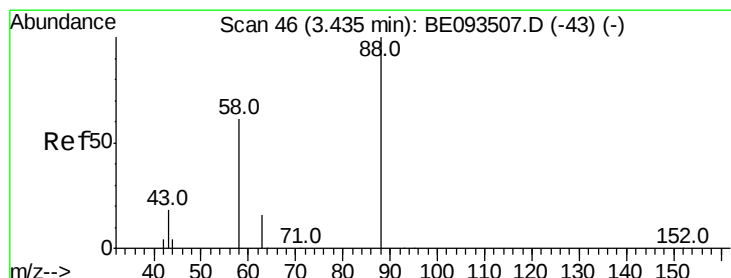
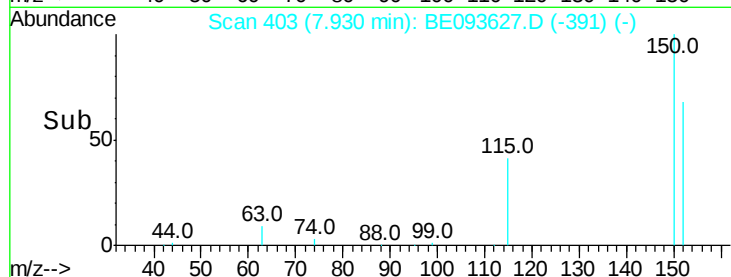
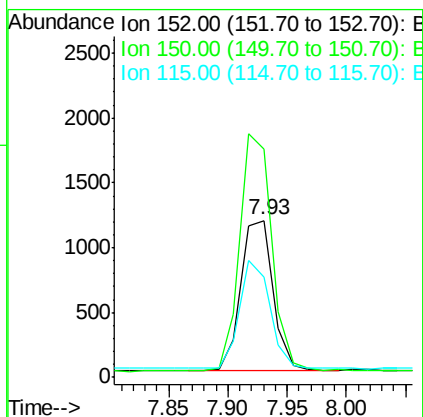
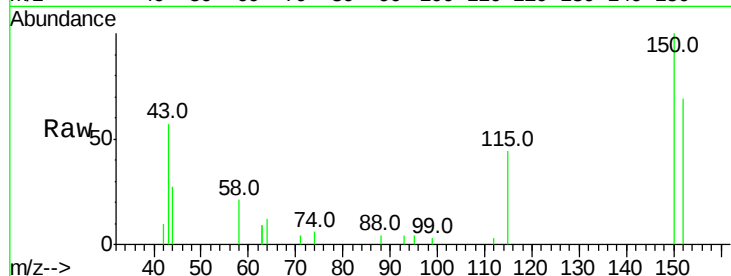


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093627.D
Acq: 2 Aug 2017 15:30

Instrument :
BNA_E
ClientSampleId :
PB100998BL

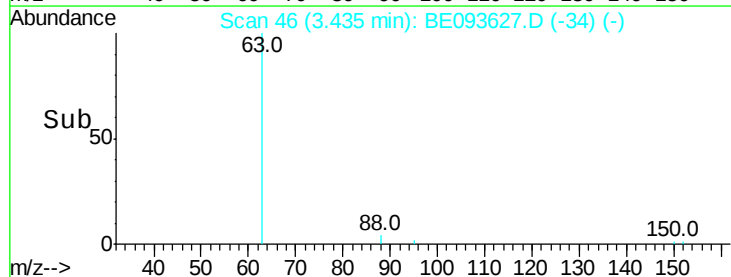
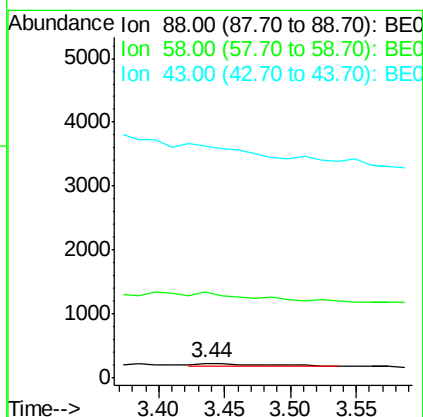
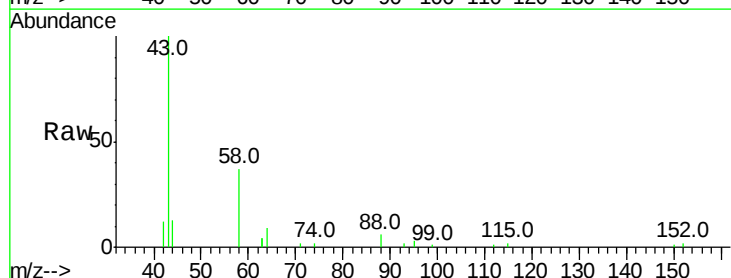
Tot Ion:152 Resp: 2218
Ion Ratio Lower Upper
152 100
150 145.5 125.1 187.7
115 64.0 55.7 83.5

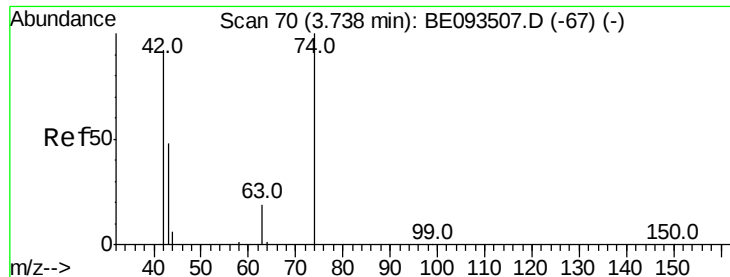


#2

1,4-Dioxane
Concen: 0.043 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093627.D
Acq: 2 Aug 2017 15:30

Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
58 423.2 62.2 93.4#
43 0.0 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.056 ng

RT: 3.72 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

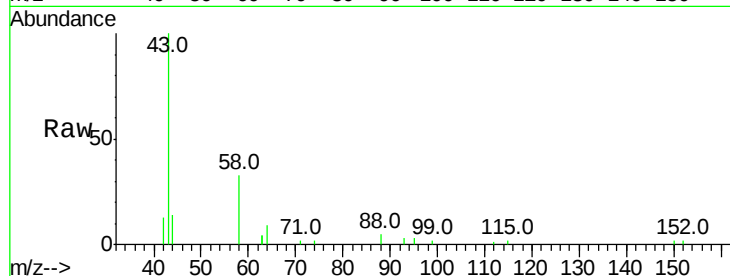
Tot Ion: 42 Resp: 190

Ion Ratio Lower Upper

42 100

74 7.4 99.1 148.7#

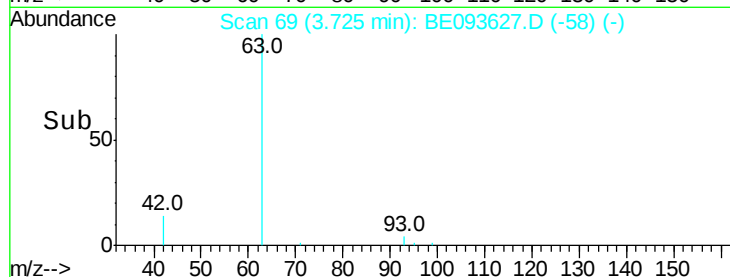
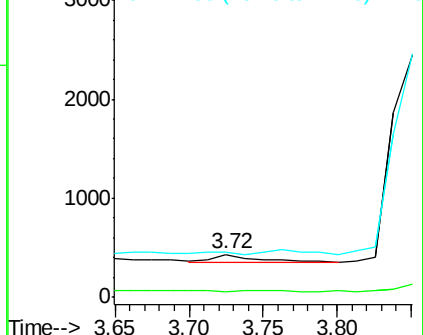
44 0.0 7.4 11.2#



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: 0.418 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

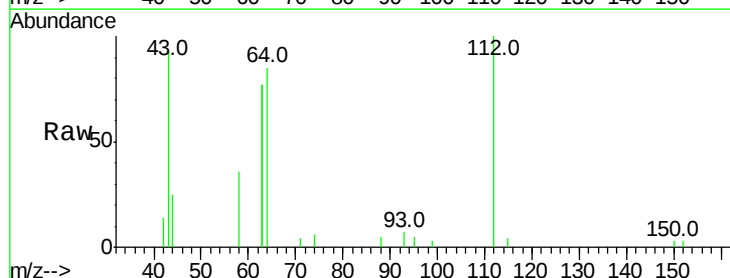
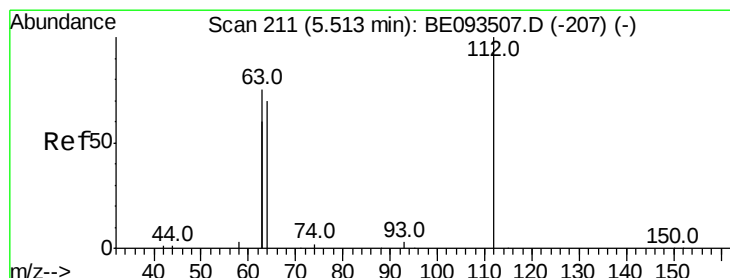
Tgt Ion: 112 Resp: 2764

Ion Ratio Lower Upper

112 100

64 72.3 56.4 84.6

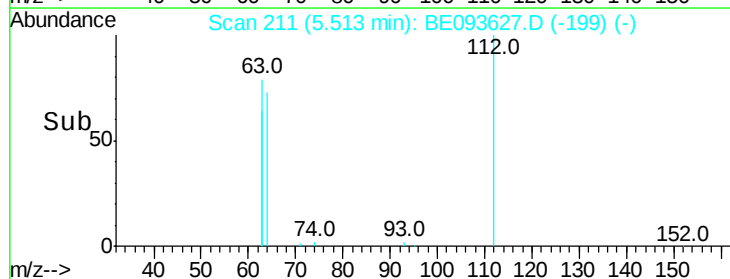
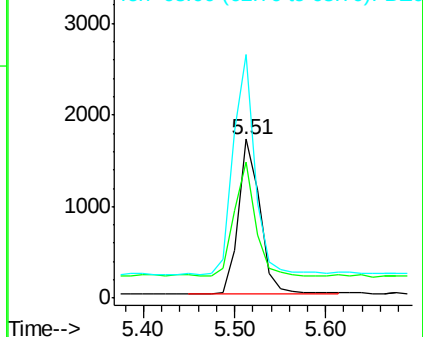
63 144.7 29.3 43.9#

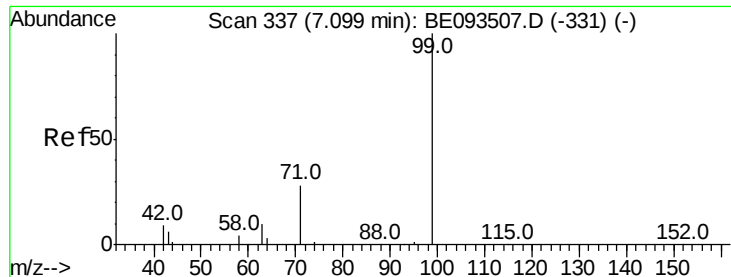


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.379 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

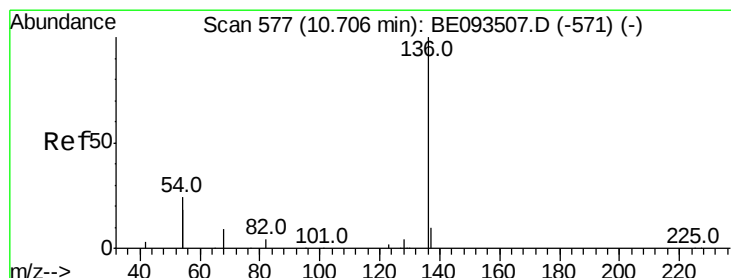
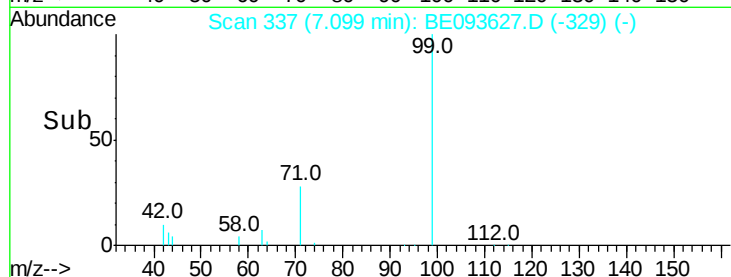
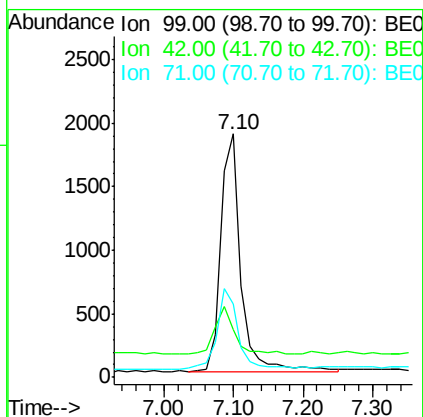
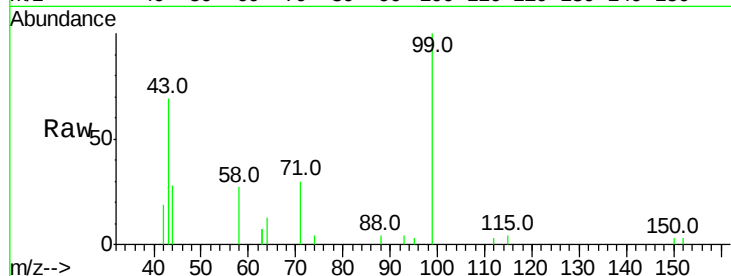
Tot Ion: 99 Resp: 3771

Ion Ratio Lower Upper

99 100

42 19.3 0.0 0.0#

71 34.7 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Tgt Ion: 136 Resp: 9821

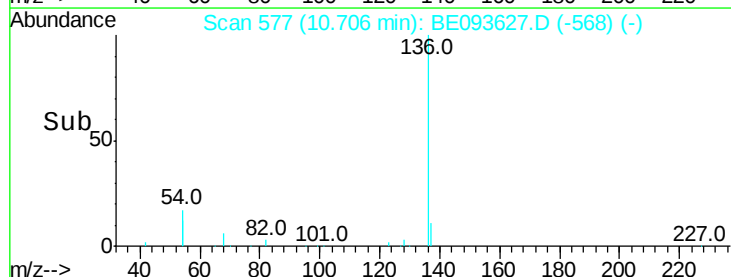
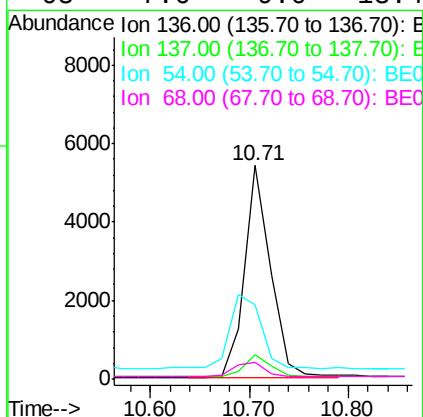
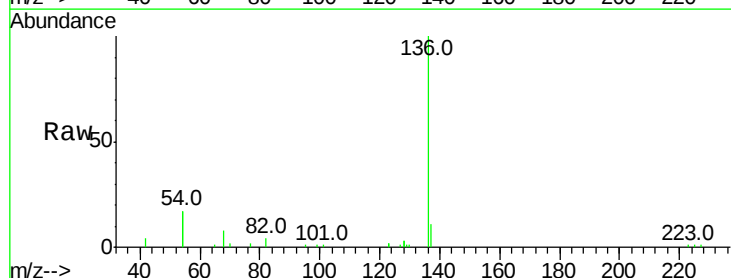
Ion Ratio Lower Upper

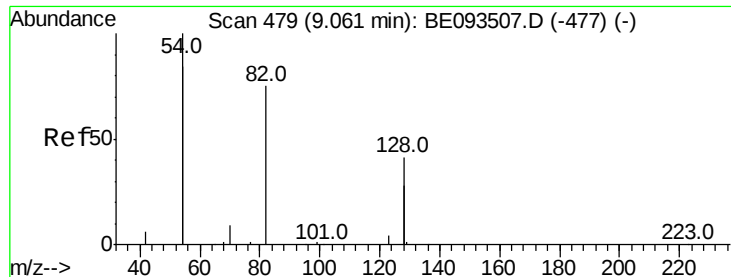
136 100

137 11.5 9.8 14.8

54 34.5 10.3 15.5#

68 7.6 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

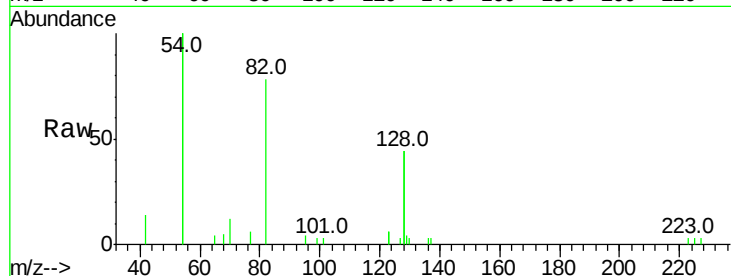
Tot Ion: 82 Resp: 2970

Ion Ratio Lower Upper

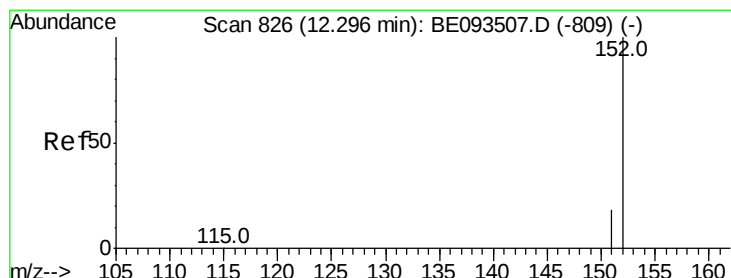
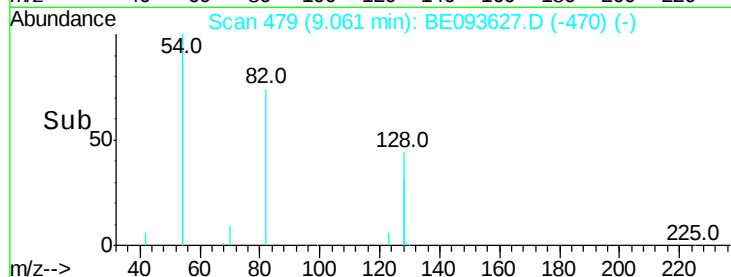
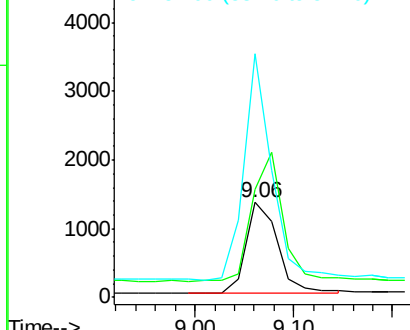
82 100

128 113.9 17.0 25.4#

54 257.1 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: 0.354 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093627.D

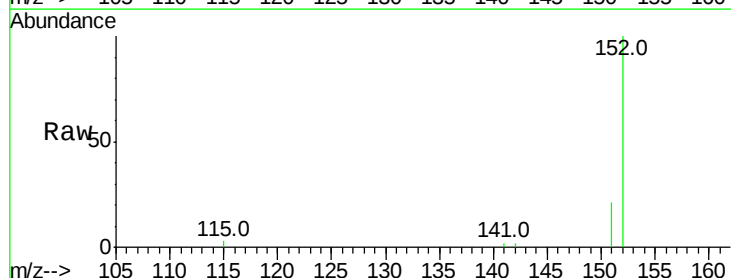
Acq: 2 Aug 2017 15:30

Tgt Ion: 152 Resp: 5486

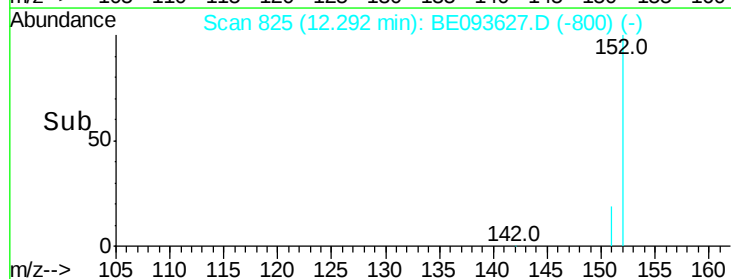
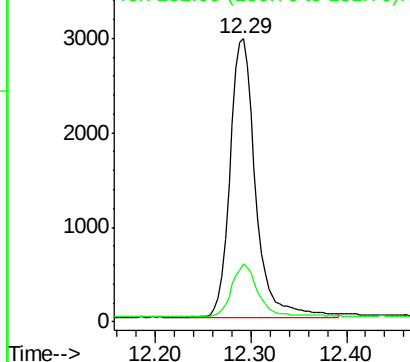
Ion Ratio Lower Upper

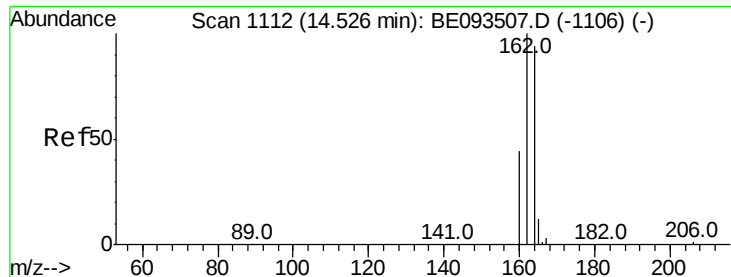
152 100

151 18.8 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: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

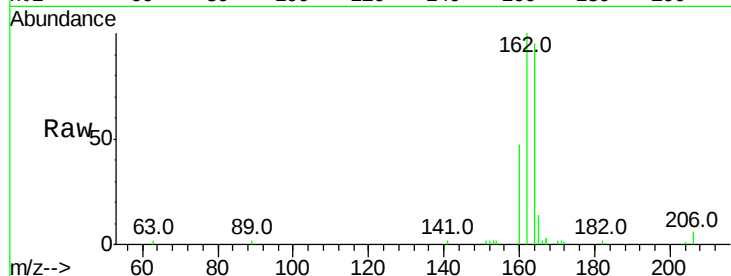
Tot Ion:164 Resp: 5080

Ion Ratio Lower Upper

164 100

162 105.7 84.6 127.0

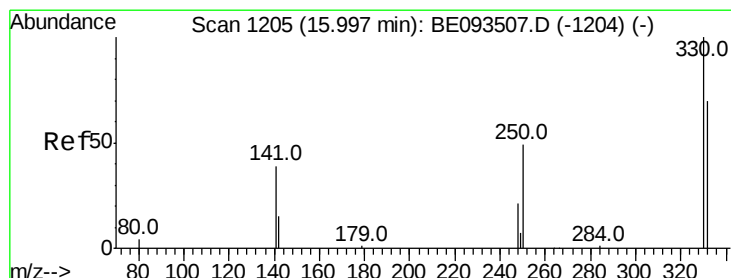
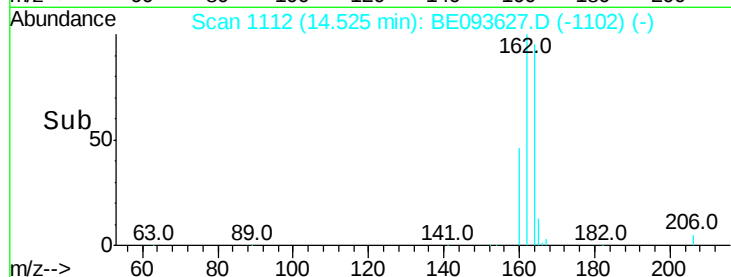
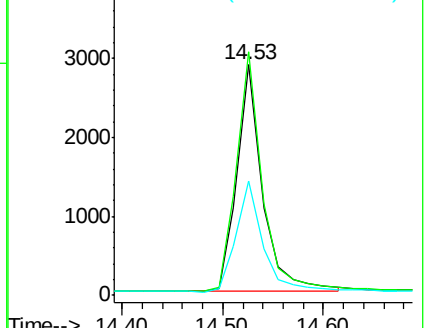
160 49.6 41.8 62.6



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: 0.441 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

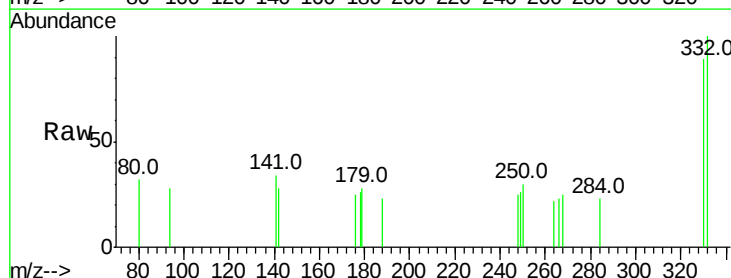
Tgt Ion:330 Resp: 508

Ion Ratio Lower Upper

330 100

332 99.4 77.7 116.5

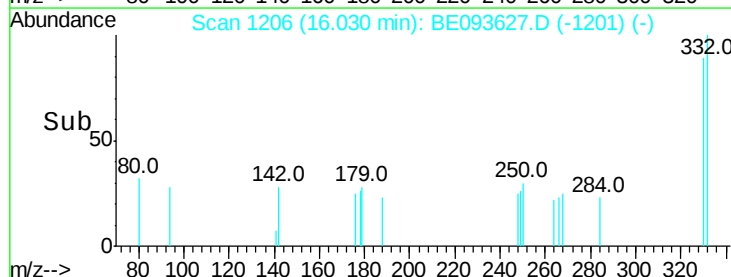
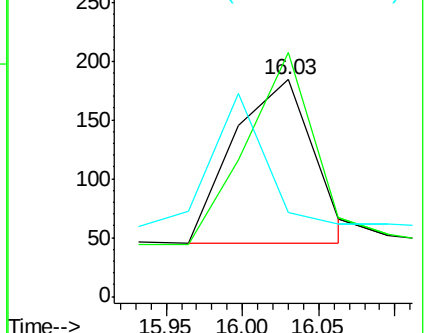
141 0.0 56.2 84.4#

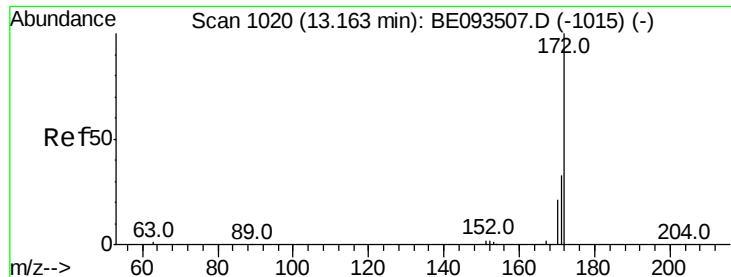


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 13.16 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

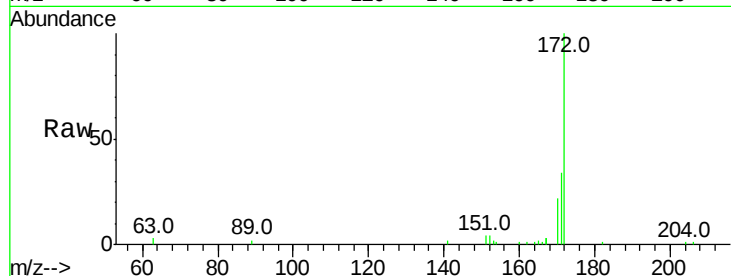
Tot Ion:172 Resp: 7741

Ion Ratio Lower Upper

172 100

171 33.6 29.8 44.6

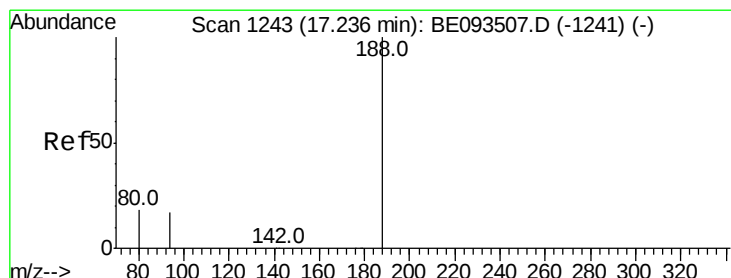
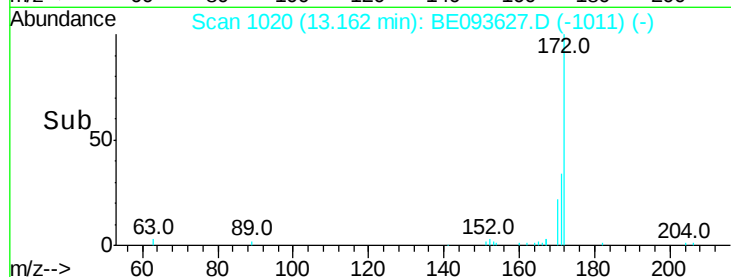
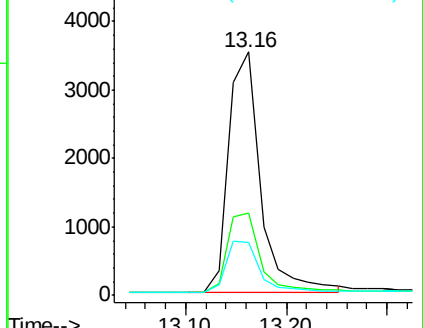
170 21.7 20.7 31.1



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: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

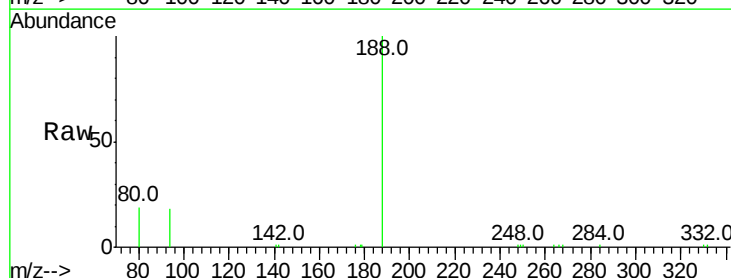
Tgt Ion:188 Resp: 14203

Ion Ratio Lower Upper

188 100

94 18.1 11.3 16.9#

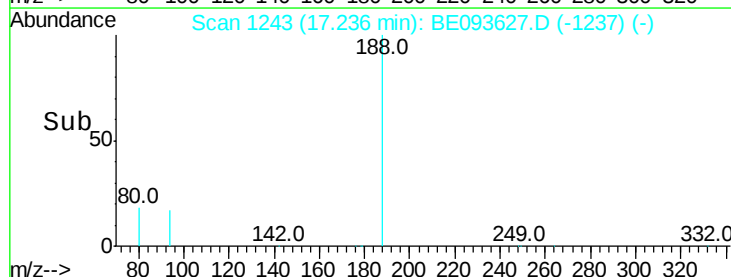
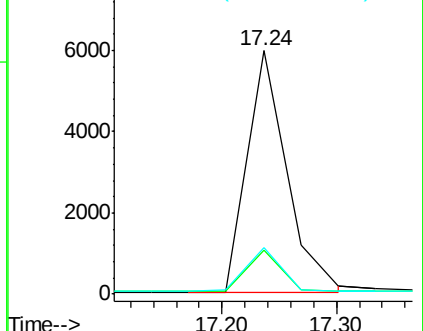
80 19.3 11.7 17.5#

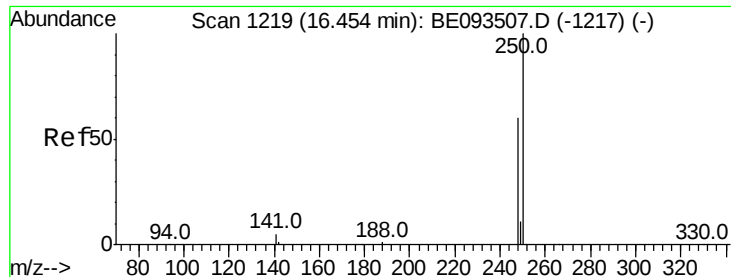


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

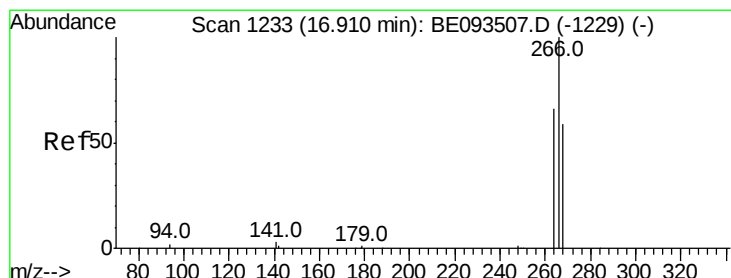
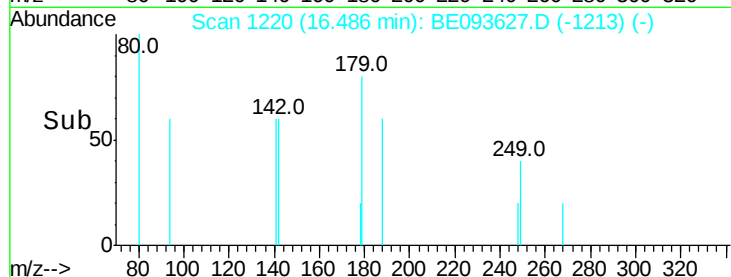
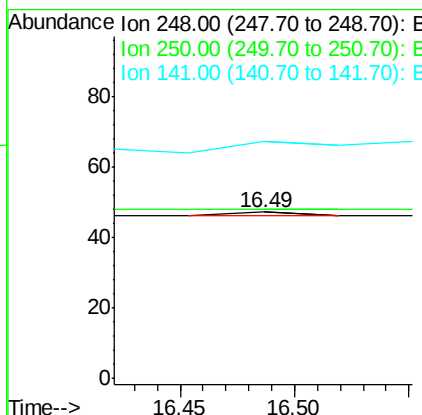
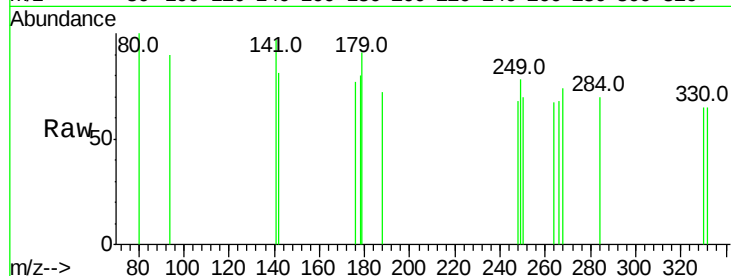




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.49 min Scan# 1220
Delta R.T. 0.03 min
Lab File: BE093627.D
Acq: 2 Aug 2017 15:30

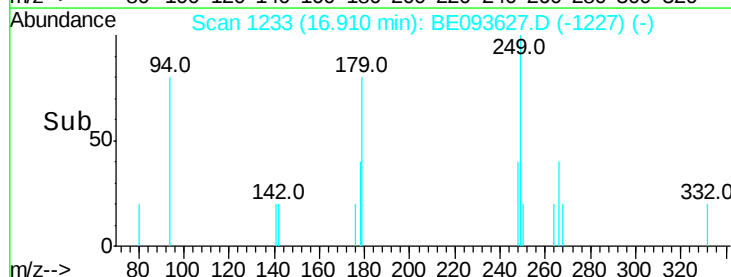
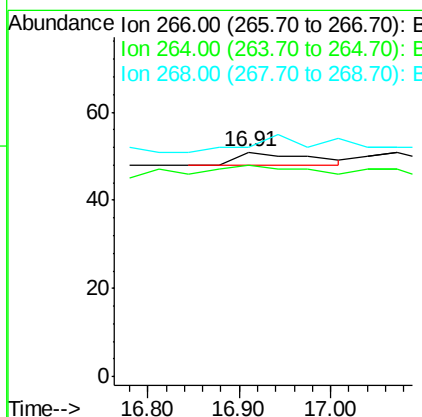
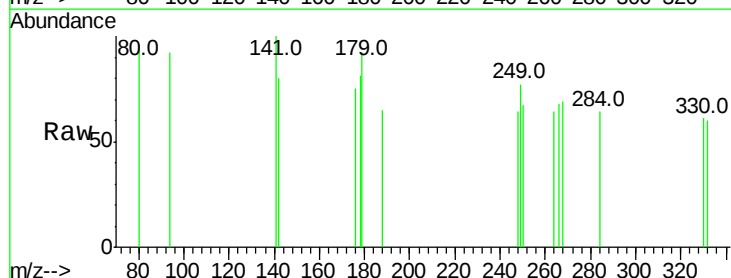
Instrument :
BNA_E
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PB100998BL

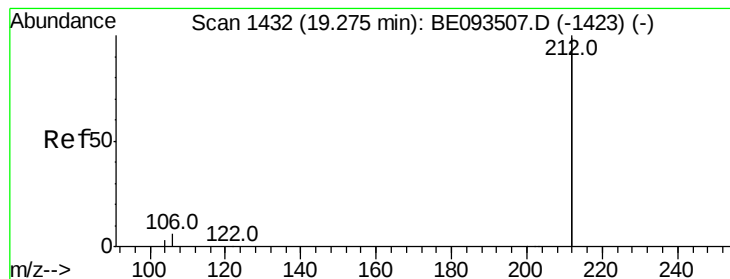
Tot Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 102.1 128.0 192.0#
141 142.6 12.0 18.0#



#22
Pentachlorophenol
Concen: 0.156 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093627.D
Acq: 2 Aug 2017 15:30

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 94.1 56.0 84.0#
268 102.0 52.0 78.0#





#25

Fluoranthene-d10

Concen: 0.420 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

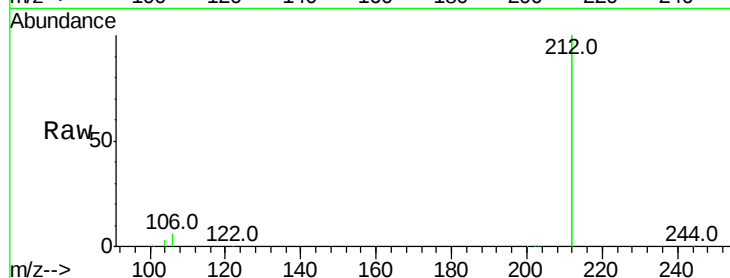
Tot Ion:212 Resp: 67682

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

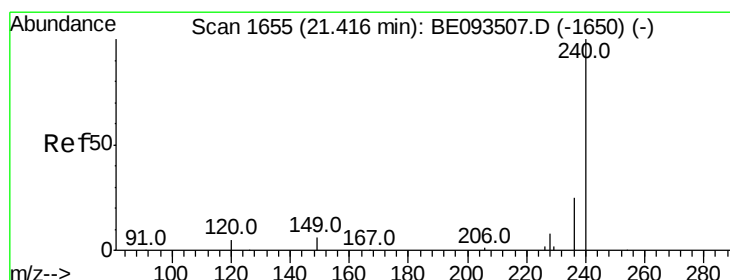
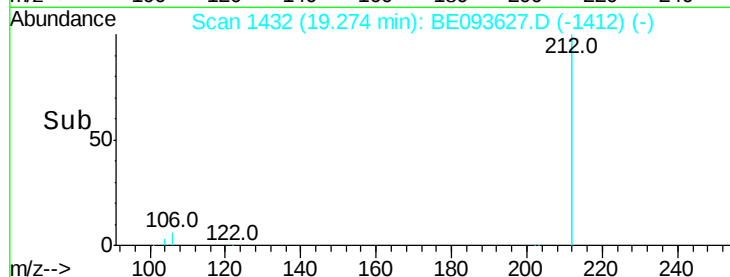
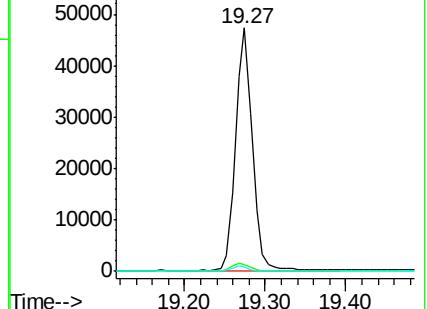
104 2.0 1.6 2.4



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: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

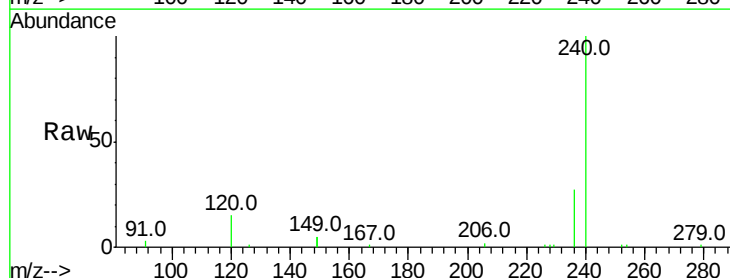
Tgt Ion:240 Resp: 16806

Ion Ratio Lower Upper

240 100

120 14.8 4.6 7.0#

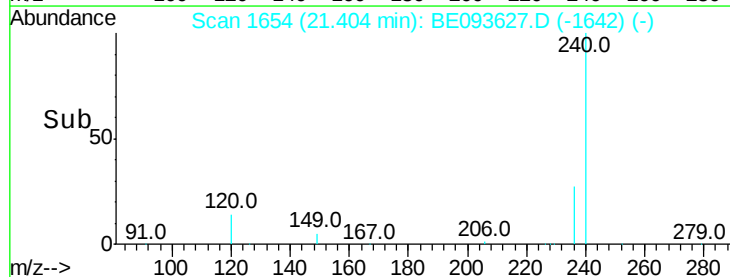
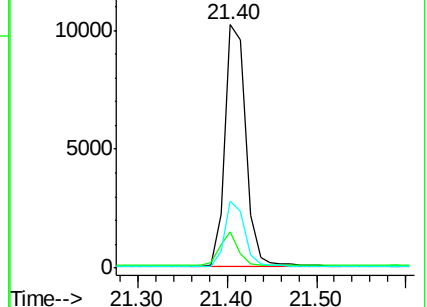
236 27.3 20.8 31.2

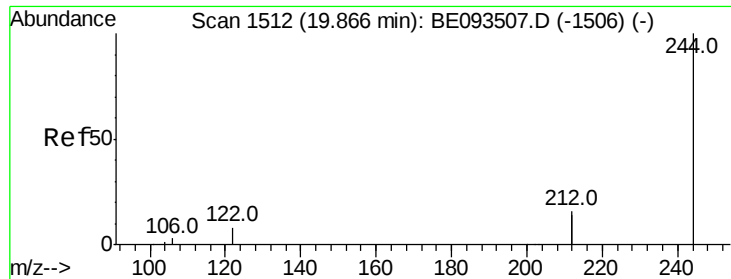


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

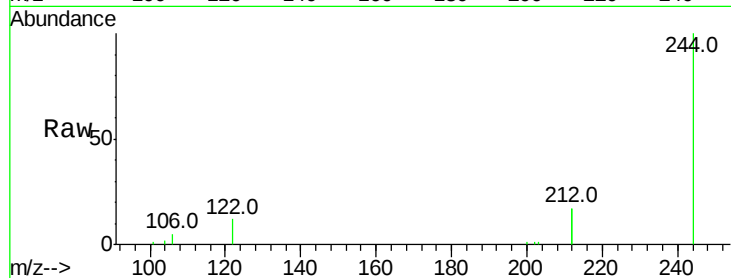
Tot Ion:244 Resp: 12872

Ion Ratio Lower Upper

244 100

212 34.0 10.6 16.0#

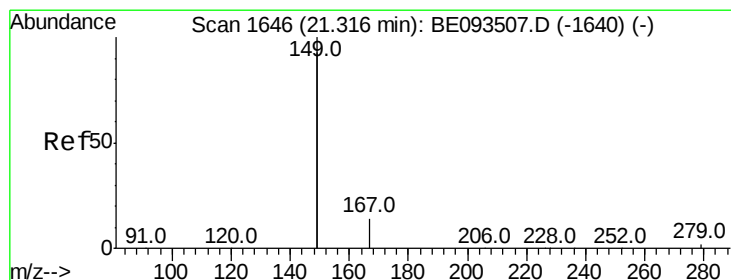
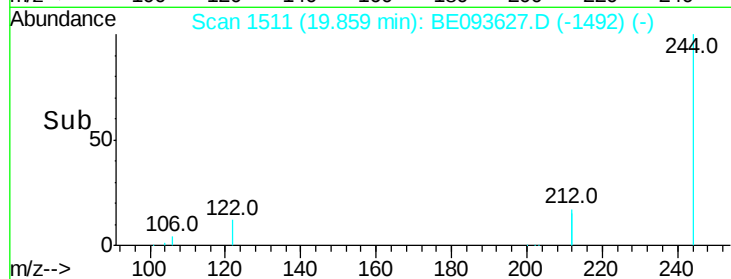
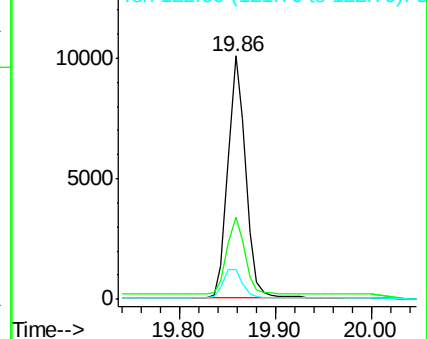
122 12.1 15.4 23.0#



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: 0.020 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

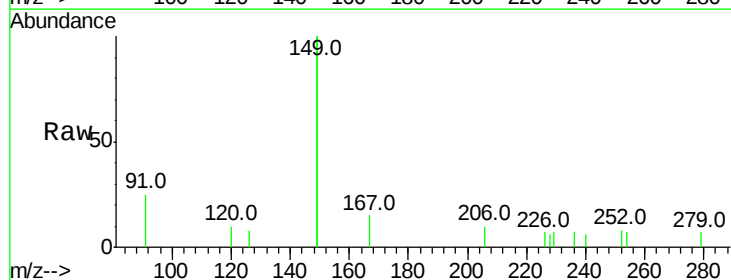
Tgt Ion:149 Resp: 1353

Ion Ratio Lower Upper

149 100

167 7.6 4.8 7.2#

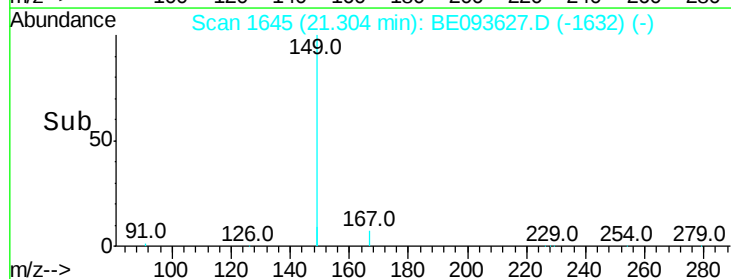
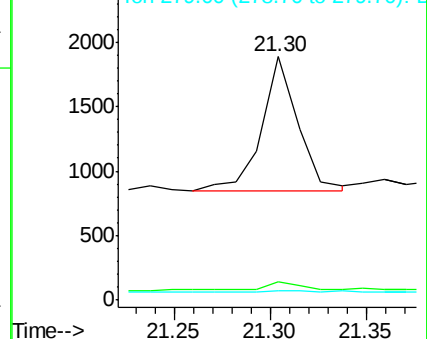
279 0.0 0.8 1.2#

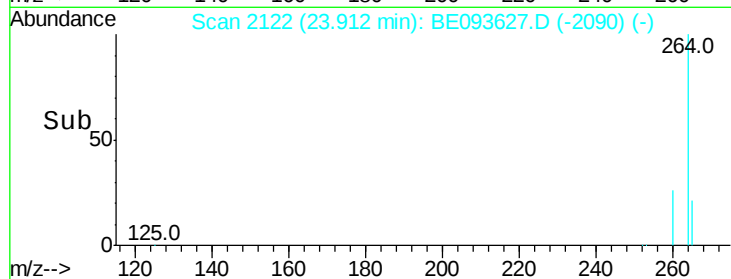
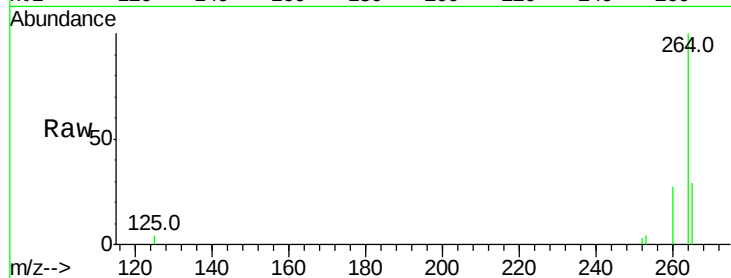
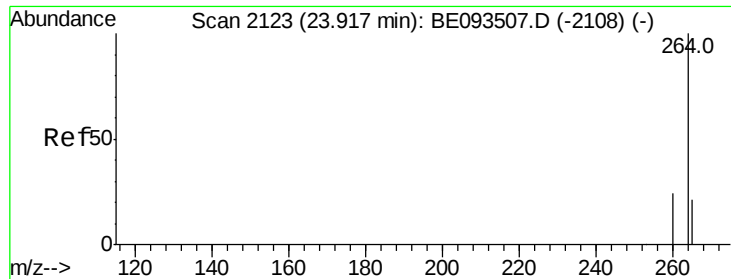


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE093627.D

Acq: 2 Aug 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB100998BL

Tot Ion:264 Resp: 10014

Ion Ratio Lower Upper

264 100

260 26.9 21.0 31.4

265 29.0 24.6 36.8

