

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093625.D
 Acq On : 2 Aug 2017 14:15
 Operator : SJ/JU
 Sample : PB101165BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101165BL

Quant Time: Aug 02 15:50:08 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

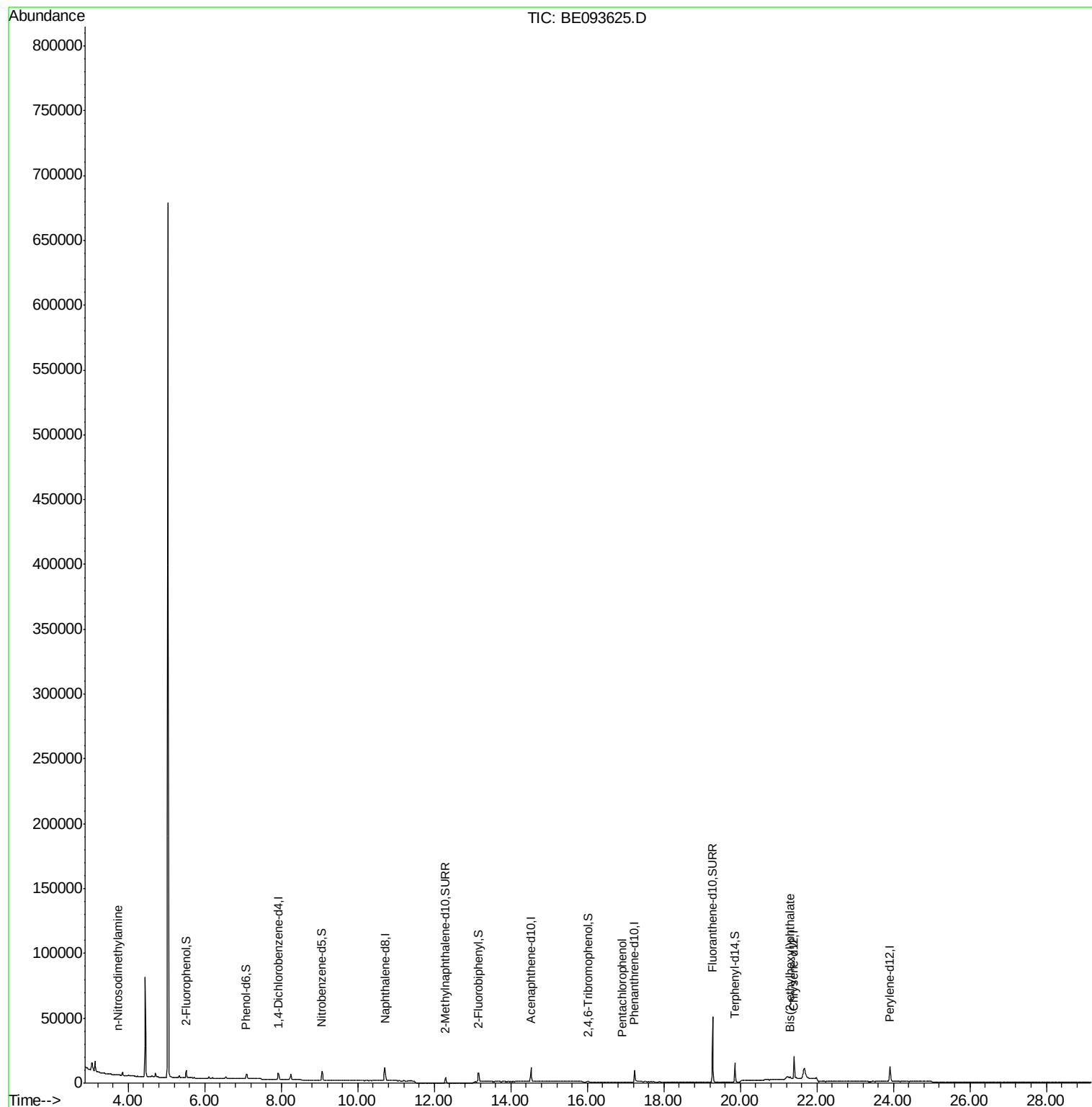
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2502	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	11840	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6683	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15283	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19450	0.40	ng	-0.01
34) Perylene-d12	23.91	264	17626	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2961	0.40	ng	0.00
5) Phenol-d6	7.09	99	4184	0.37	ng	-0.01
8) Nitrobenzene-d5	9.06	82	3351	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6011	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	489	0.35	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	8648	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	67484	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	12226	0.35	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.73	42	82	0.022	ng	# 1
20) 4-Bromophenyl-phenylether	16.49	248	6	Below Cal	#	26
21) Hexachlorobenzene	16.55	284	4	Below Cal	#	100
22) Pentachlorophenol	16.91	266	10	0.154	ng	# 59
32) Bis(2-ethylhexyl)phthalate	21.30	149	1871	0.024	ng	99

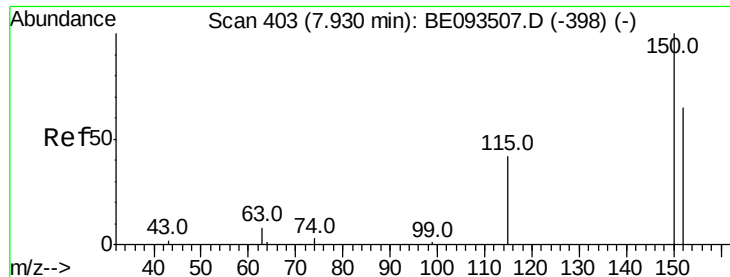
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

PB101165BL

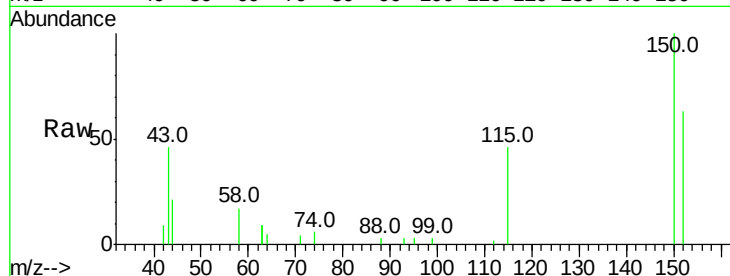
Tot Ion:152 Resp: 2502

Ion Ratio Lower Upper

152 100

150 158.7 125.1 187.7

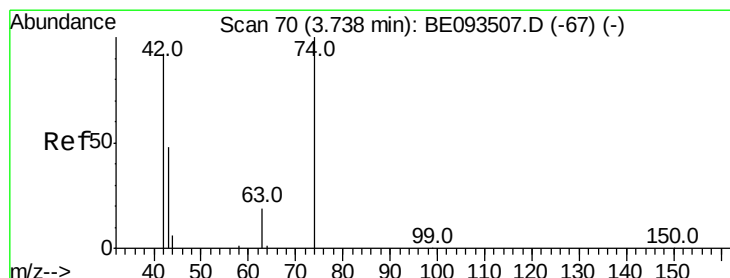
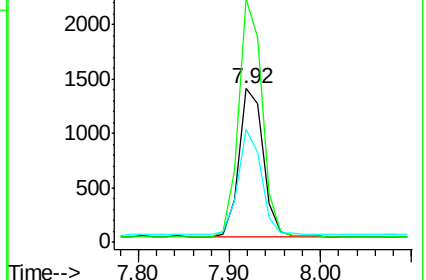
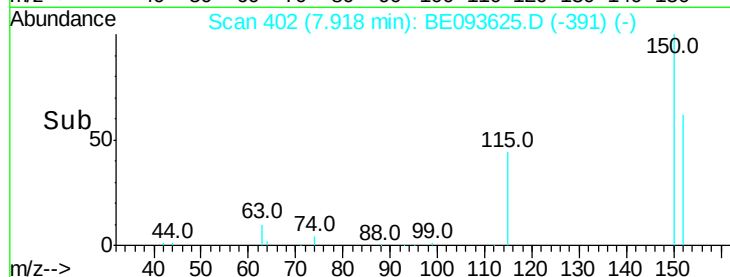
115 73.4 55.7 83.5



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: 0.022 ng

RT: 3.73 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

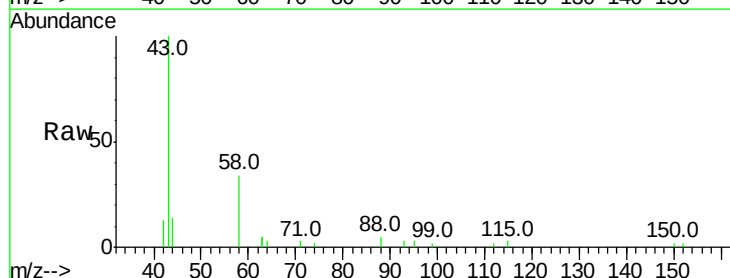
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

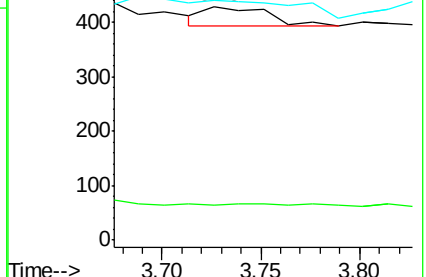
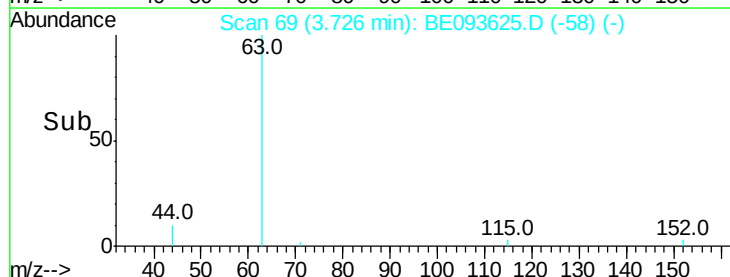
44 0.0 7.4 11.2#

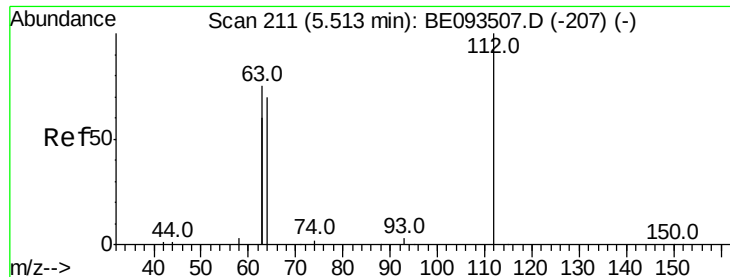


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.397 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

PB101165BL

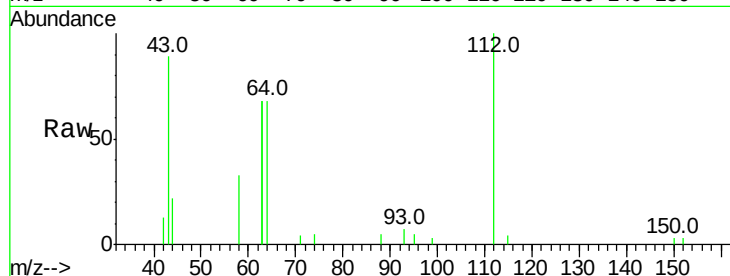
Tot Ion:112 Resp: 2961

Ion Ratio Lower Upper

112 100

64 69.7 56.4 84.6

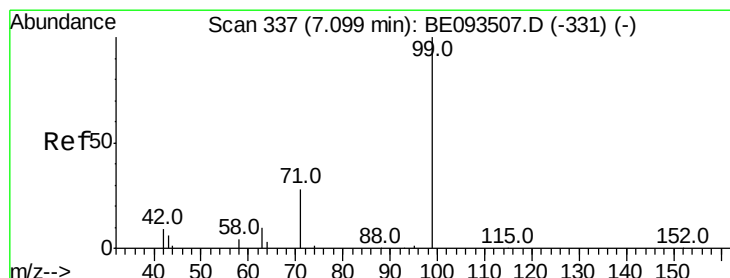
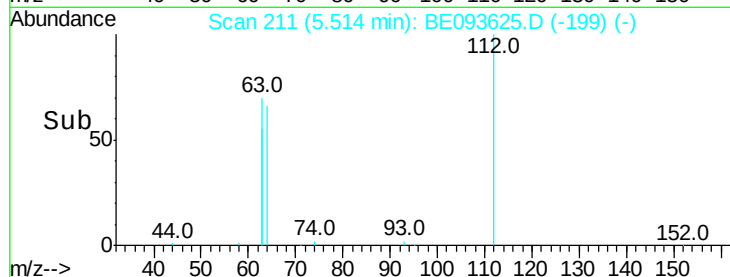
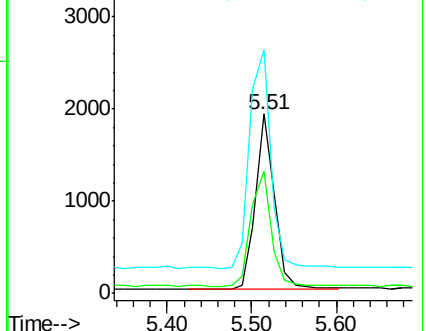
63 141.3 29.3 43.9#



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: 0.373 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

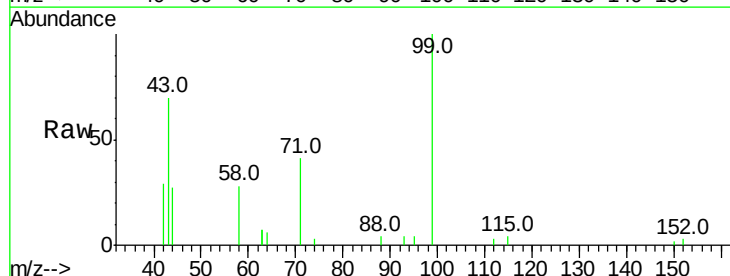
Tgt Ion: 99 Resp: 4184

Ion Ratio Lower Upper

99 100

42 19.0 0.0 0.0#

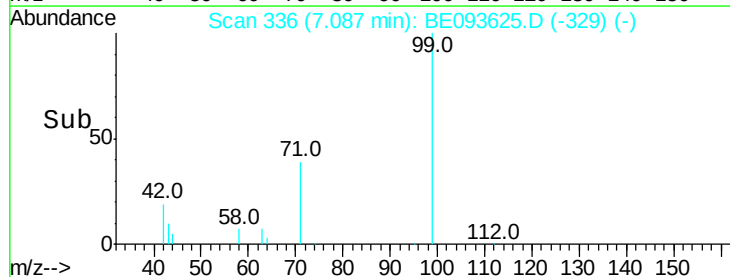
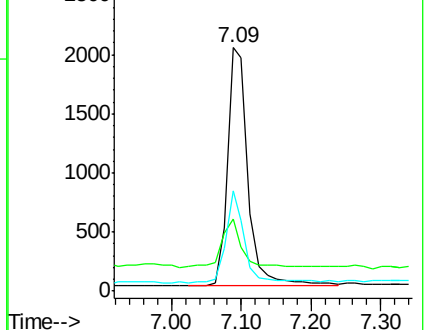
71 33.8 0.0 0.0#

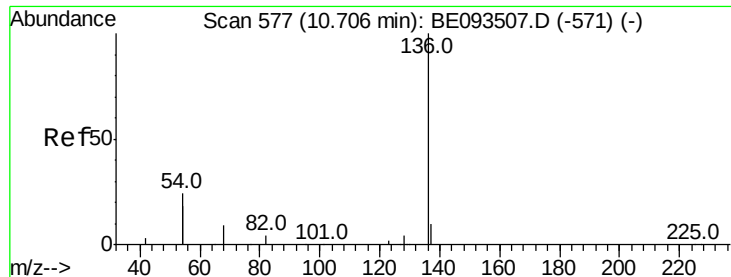


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

PB101165BL

Tot Ion:136 Resp: 11840

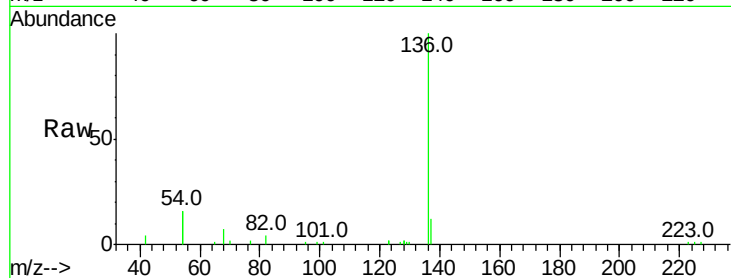
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 32.5 10.3 15.5#

68 7.3 9.0 13.4#

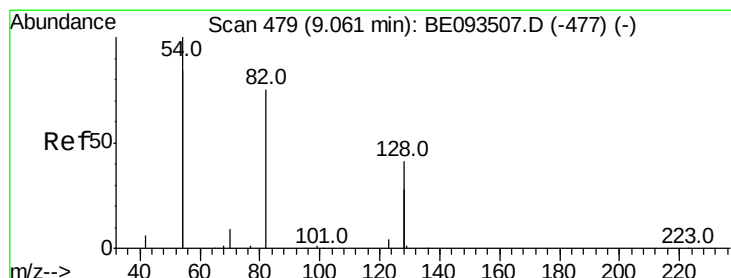
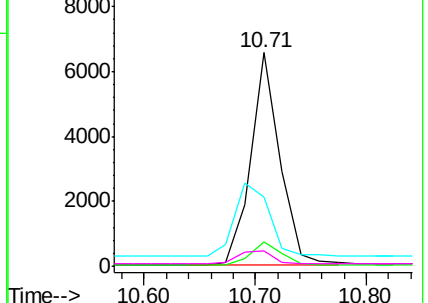
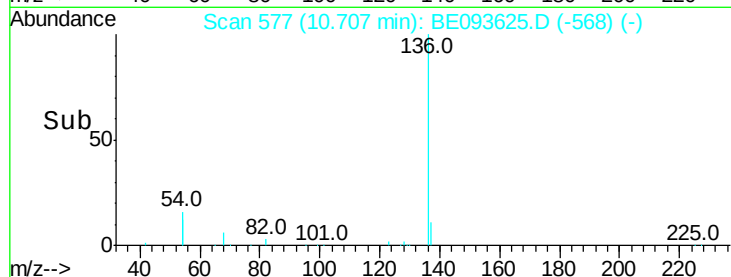


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

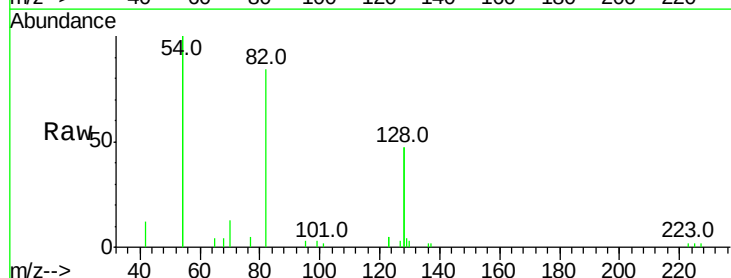
Tgt Ion: 82 Resp: 3351

Ion Ratio Lower Upper

82 100

128 112.9 17.0 25.4#

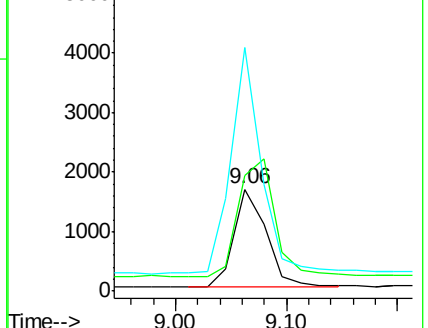
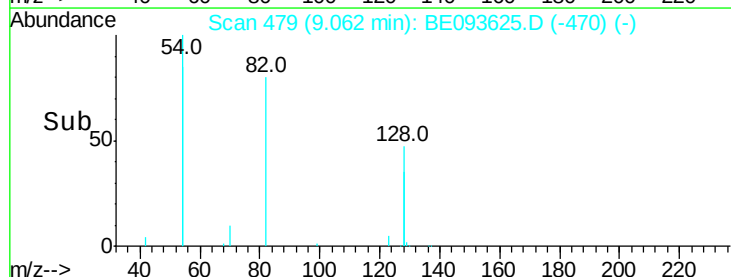
54 238.6 53.8 80.6#

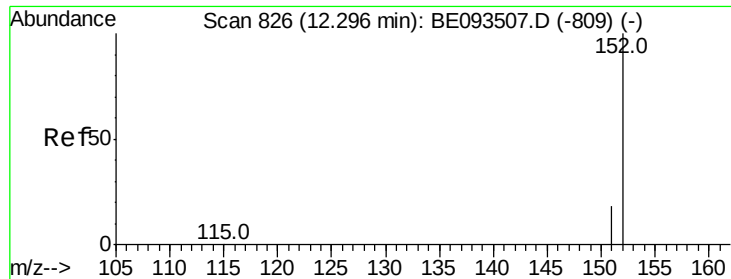


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

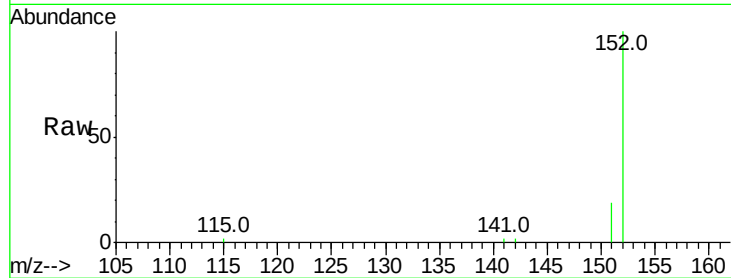
PB101165BL

Tot Ion:152 Resp: 6011

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

4000

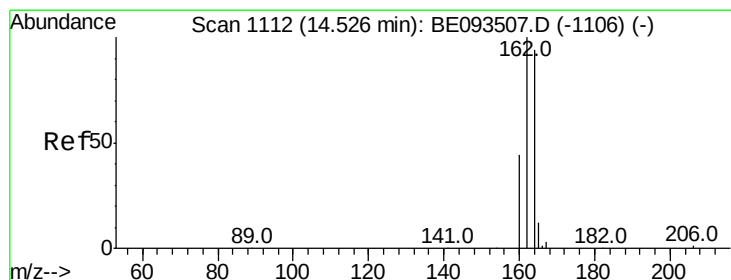
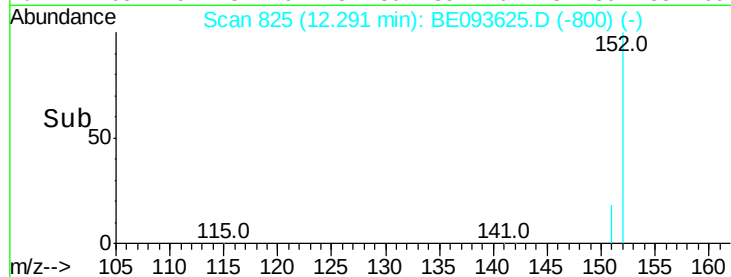
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

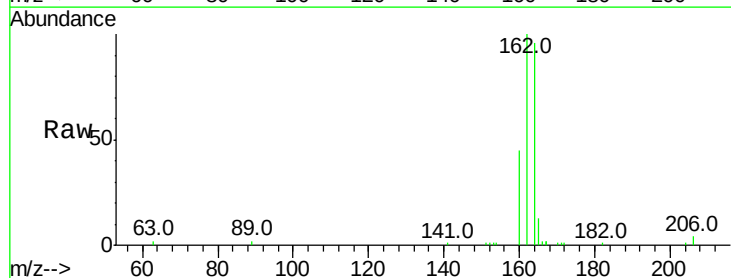
Tgt Ion:164 Resp: 6683

Ion Ratio Lower Upper

164 100

162 104.0 84.6 127.0

160 46.8 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

14.52

6000

5000

4000

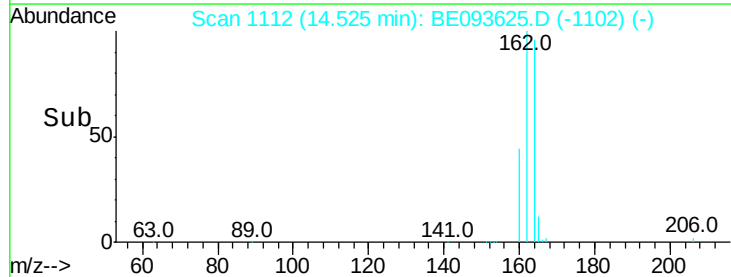
3000

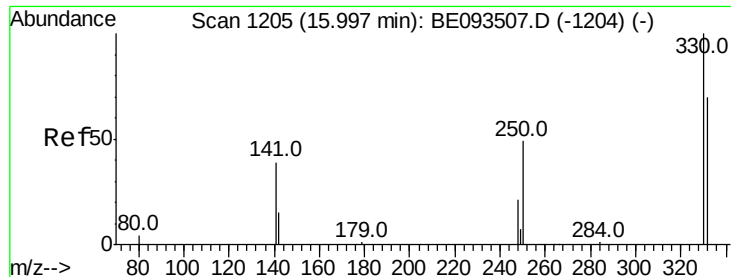
2000

1000

0

Time--> 14.40 14.50 14.60

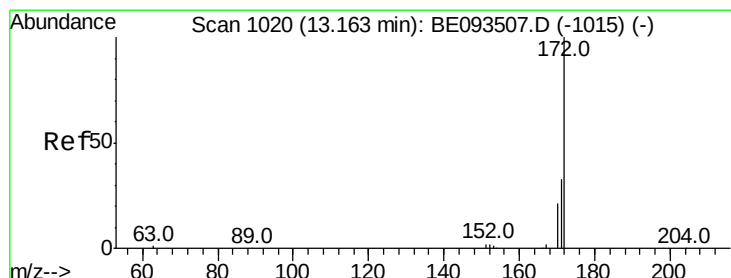
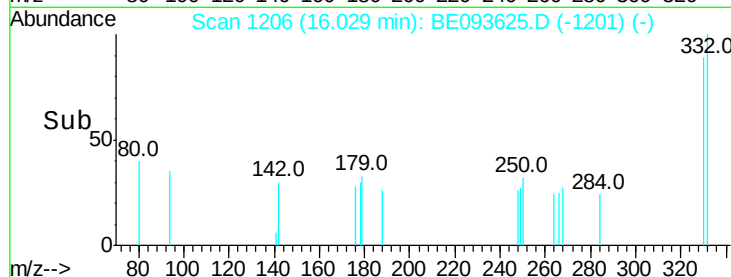
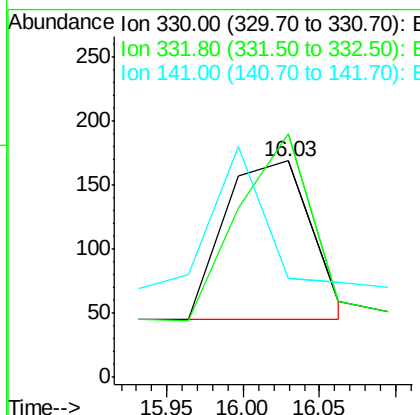
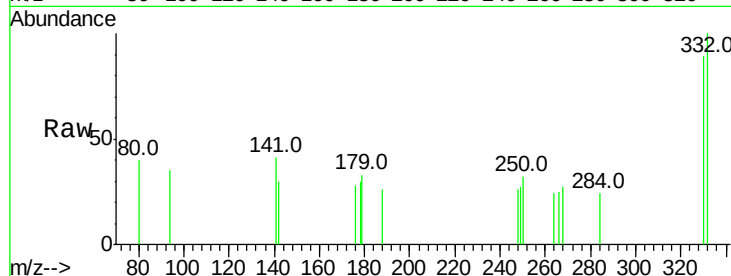




#14
 2,4,6-Tribromophenol
 Concen: 0.351 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE093625.D
 Acq: 2 Aug 2017 14:15

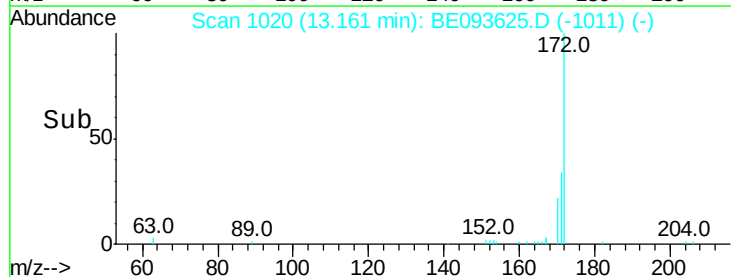
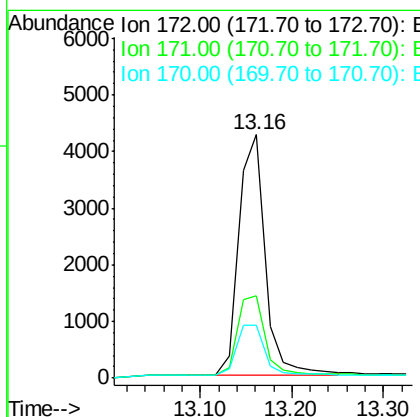
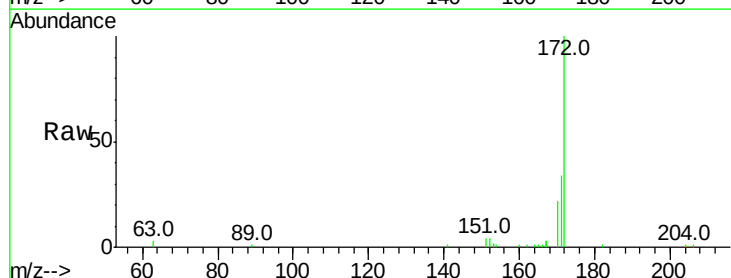
Instrument :
 BNA_E
 ClientSampleId :
 PB101165BL

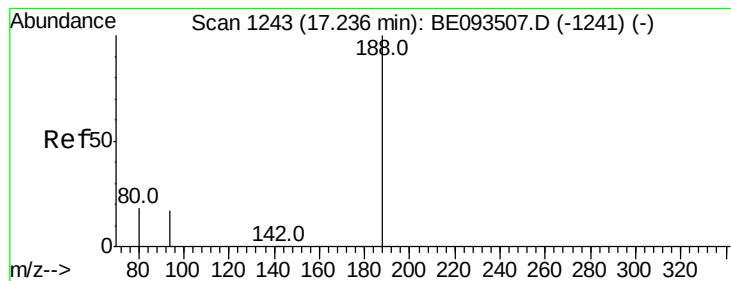
Tot Ion:330 Resp: 489
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.7 116.5
 141 0.0 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.323 ng
 RT: 13.16 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE093625.D
 Acq: 2 Aug 2017 14:15

Tgt Ion:172 Resp: 8648
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.8 44.6
 170 21.9 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

PB101165BL

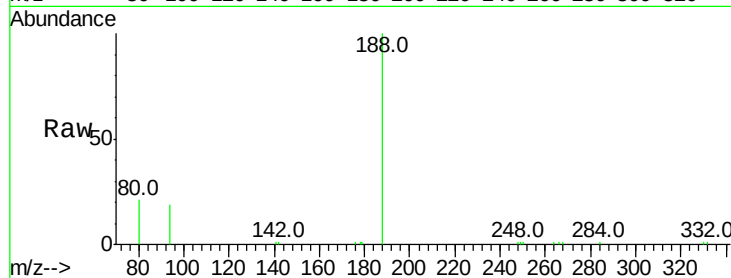
Tot Ion:188 Resp: 15283

Ion Ratio Lower Upper

188 100

94 19.1 11.3 16.9#

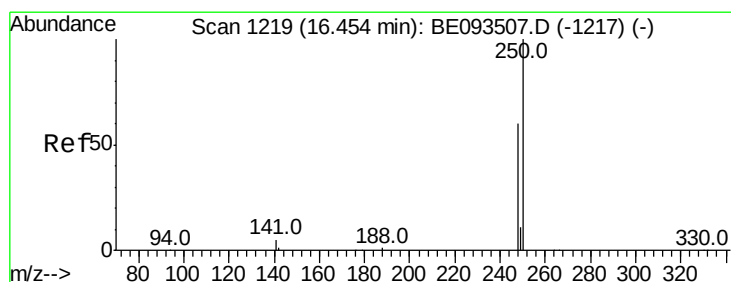
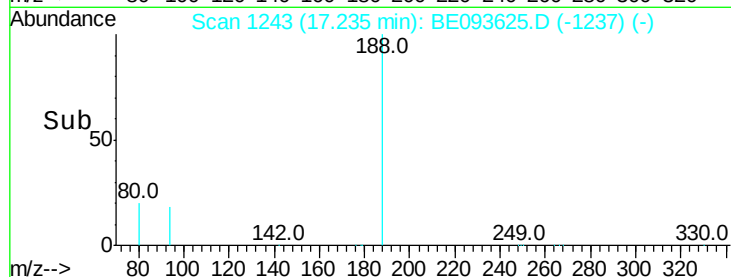
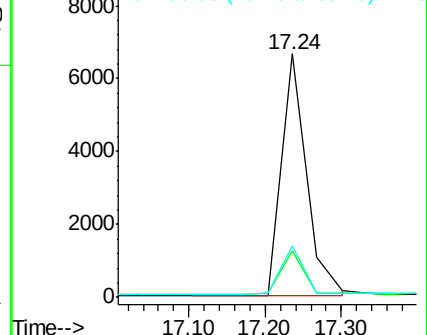
80 20.9 11.7 17.5#



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: BE093625.D

Acq: 2 Aug 2017 14:15

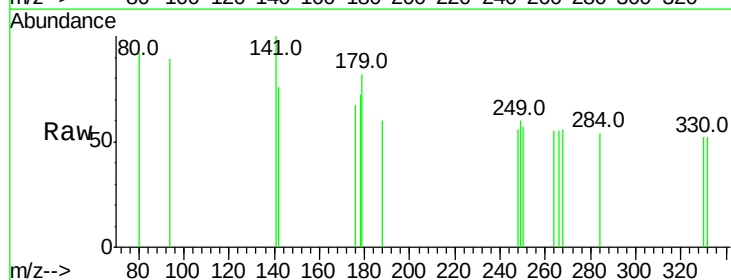
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 102.0 128.0 192.0#

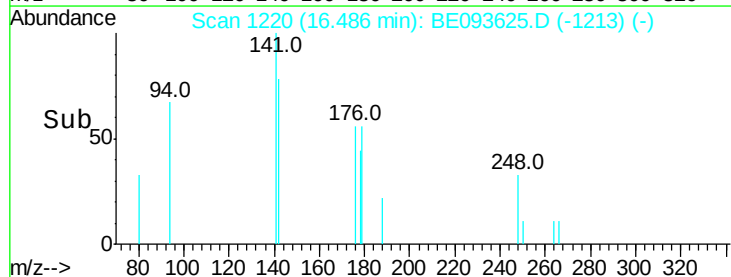
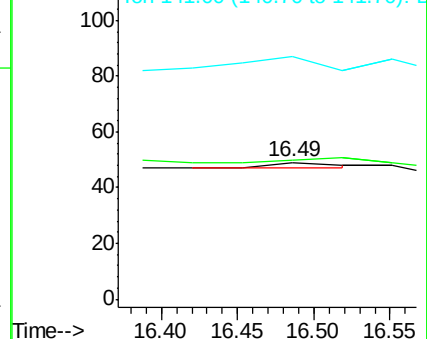
141 177.6 12.0 18.0#

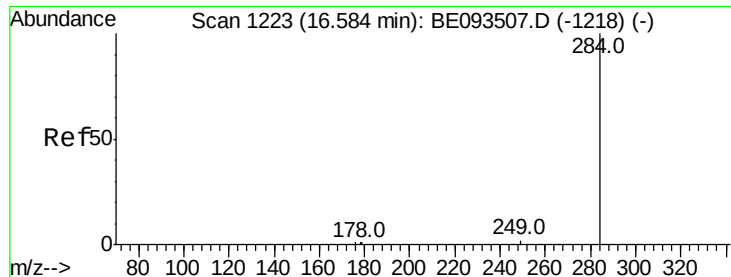


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

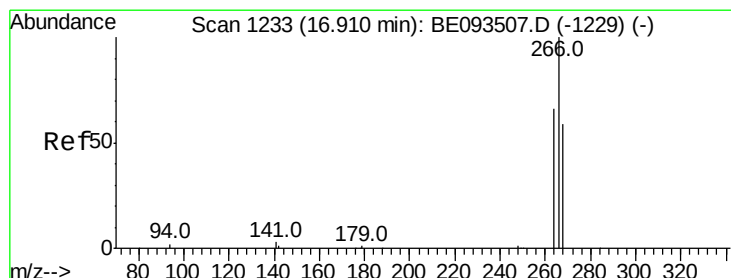
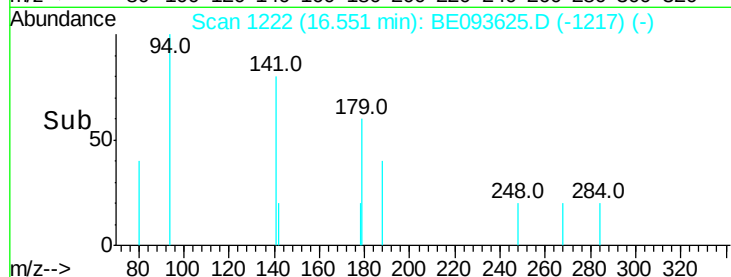
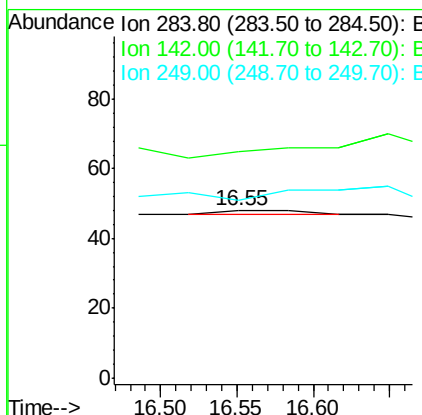
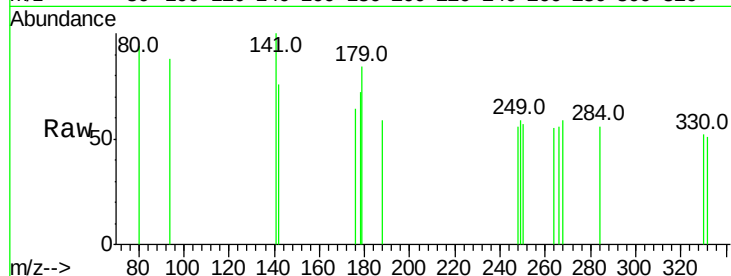




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093625.D
Acq: 2 Aug 2017 14:15

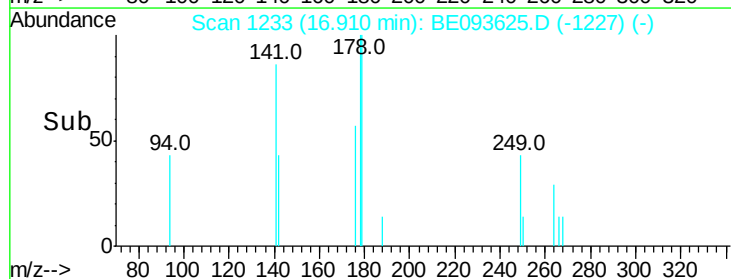
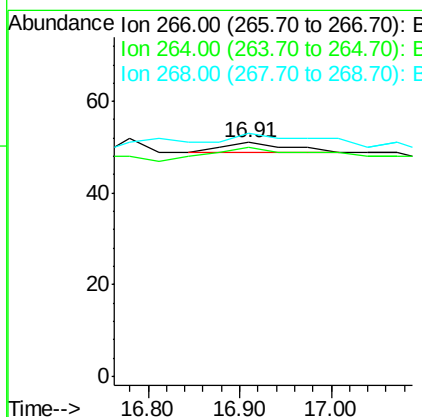
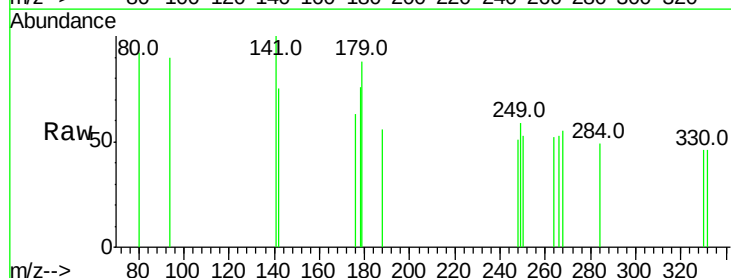
Instrument :
BNA_E
ClientSampleId :
PB101165BL

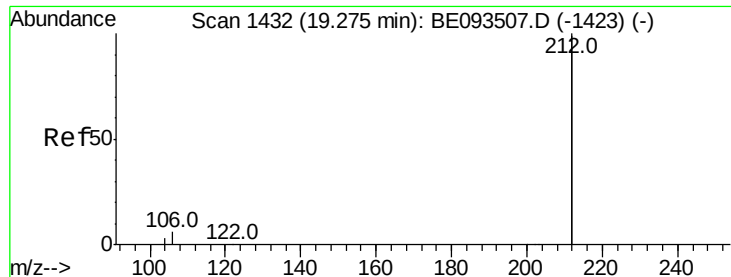
Tot Ion:284 Resp: 4
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



#22
Pentachlorophenol
Concen: 0.154 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093625.D
Acq: 2 Aug 2017 14:15

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 98.0 56.0 84.0#
268 103.9 52.0 78.0#





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

PB101165BL

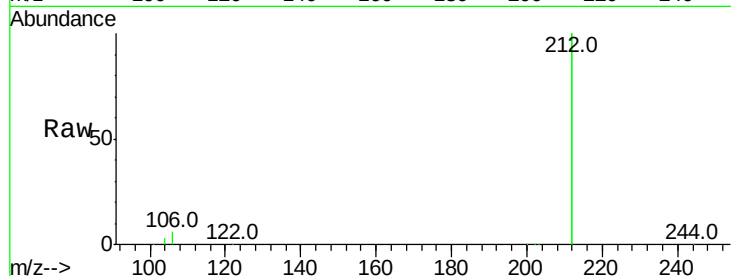
Tot Ion:212 Resp: 67484

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

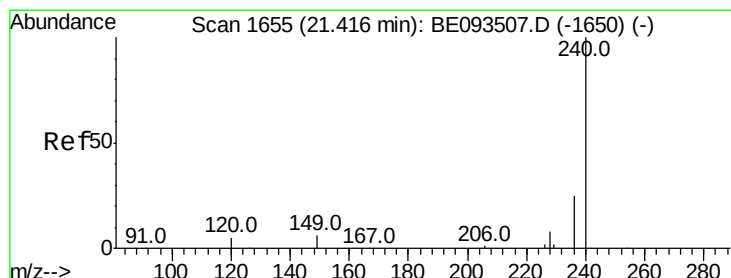
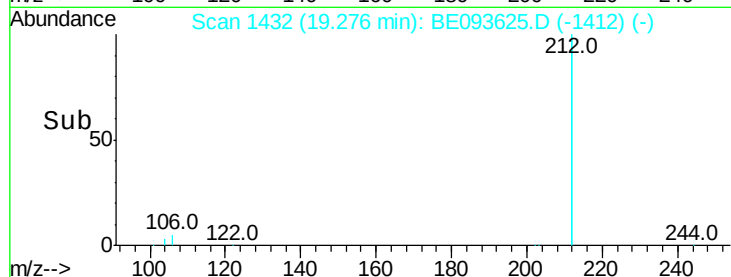
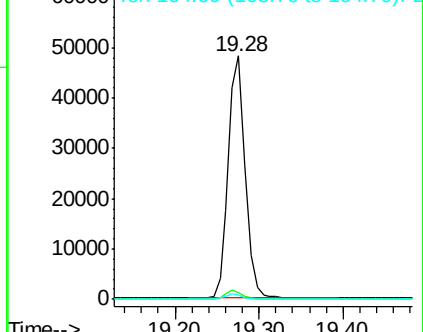
104 2.0 1.6 2.4



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: BE093625.D

Acq: 2 Aug 2017 14:15

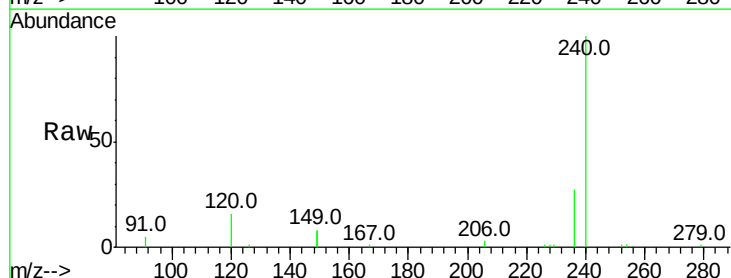
Tgt Ion:240 Resp: 19450

Ion Ratio Lower Upper

240 100

120 15.9 4.6 7.0#

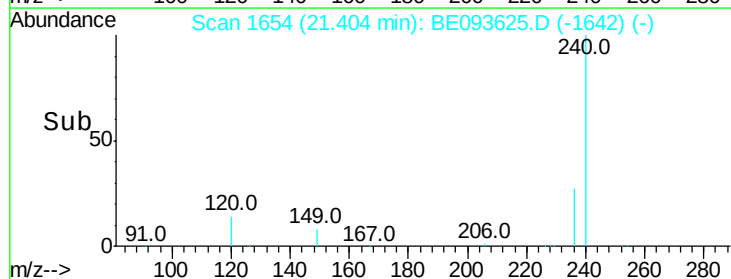
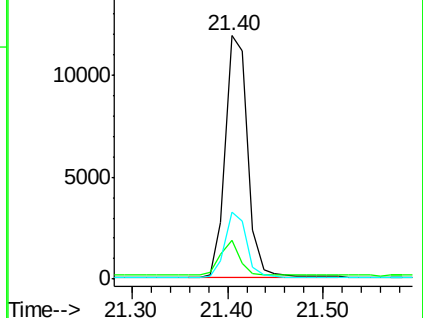
236 27.3 20.8 31.2

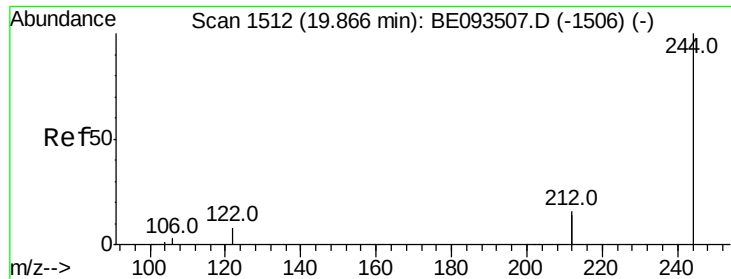


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.350 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

Instrument :

BNA_E

ClientSampleId :

PB101165BL

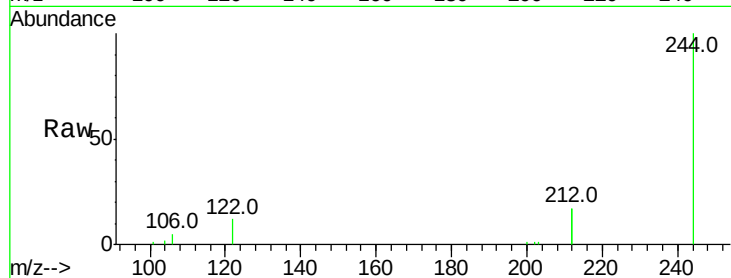
Tot Ion:244 Resp: 12226

Ion Ratio Lower Upper

244 100

212 34.4 10.6 16.0#

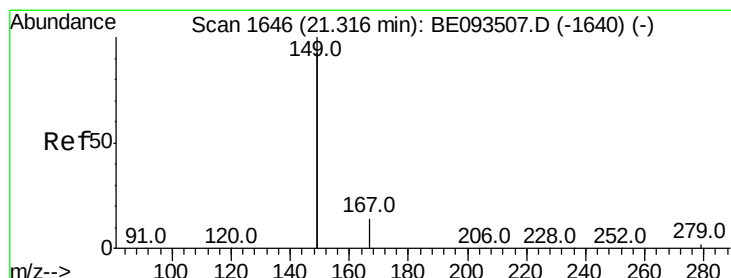
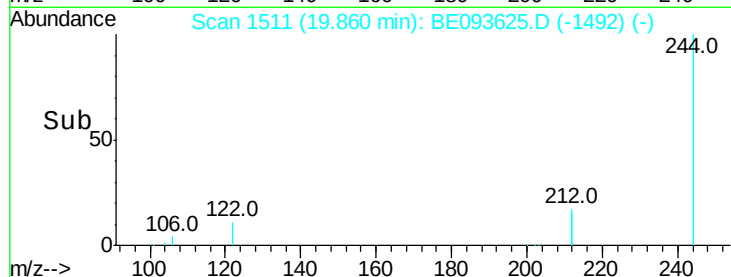
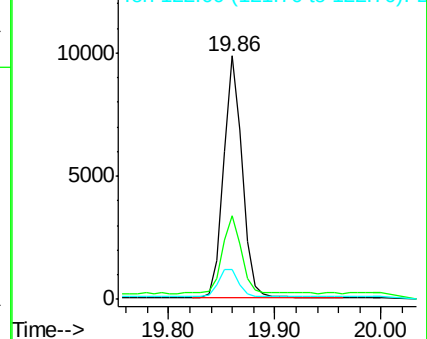
122 12.4 15.4 23.0#



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: 0.024 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BE093625.D

Acq: 2 Aug 2017 14:15

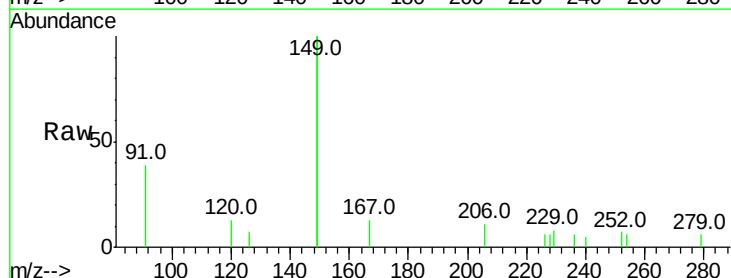
Tgt Ion:149 Resp: 1871

Ion Ratio Lower Upper

149 100

167 5.5 4.8 7.2

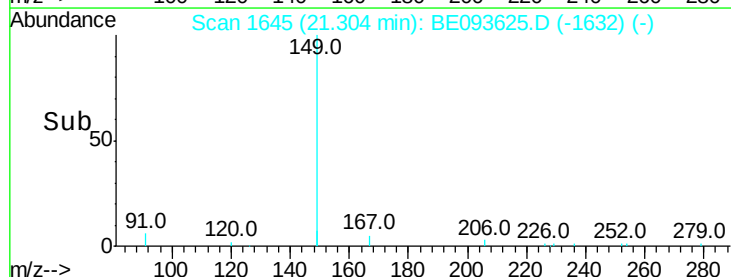
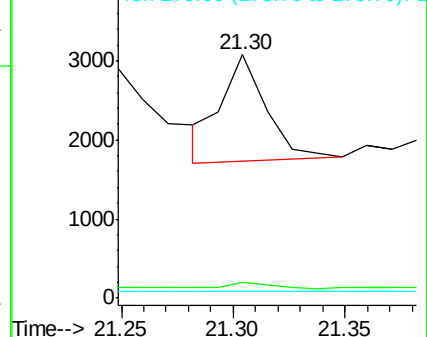
279 1.0 0.8 1.2

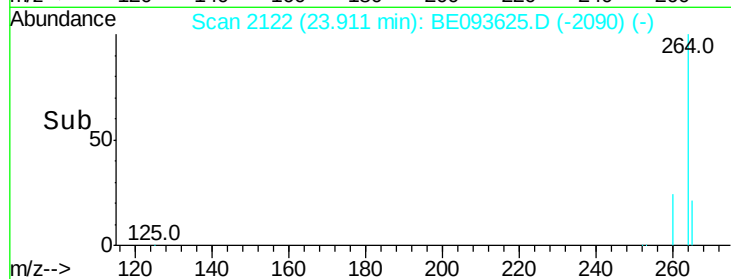
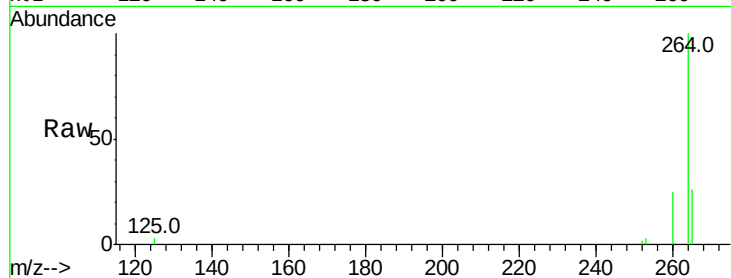
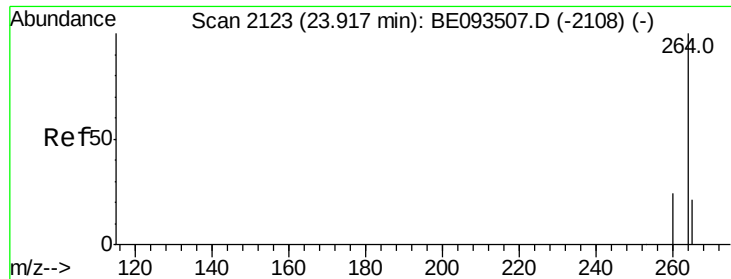


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.01 min
Lab File: BE093625.D
Acq: 2 Aug 2017 14:15

Instrument :
BNA_E
ClientSampleId :
PB101165BL

Tot Ion:264 Resp: 17626
Ion Ratio Lower Upper
264 100
260 25.0 21.0 31.4
265 26.1 24.6 36.8

