

Data File : BE093393.D
Acq On : 1 Jul 2017 15:27
Operator : SJ/JU
Sample : PB100316BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB100316BL

Quant Time: Jul 03 05:10:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 15:43:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3242	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	14682	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	6733	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	21186	0.40	ng	0.00
27) Chrysene-d12	21.43	240	25008	0.40	ng	-0.01
34) Perylene-d12	23.94	264	28187	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	3573	0.35	ng	0.00
5) Phenol-d6	7.10	99	4878	0.32	ng	0.00
8) Nitrobenzene-d5	9.08	82	3135	0.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	6779	0.29	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	13.18	172	9992	0.38	ng	0.00
25) Fluoranthene-d10	19.29	212	67889	0.35	ng	0.00
29) Terphenyl-d14	19.88	244	14492	0.31	ng	0.00

Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.81	42	97	0.15	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	6	0.11	ng	# 63
22) Pentachlorophenol	16.97	266	18	0.04	ng	86
32) Bis(2-ethylhexyl)phthalate	21.34	149	2170	0.02	ng	# 62

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

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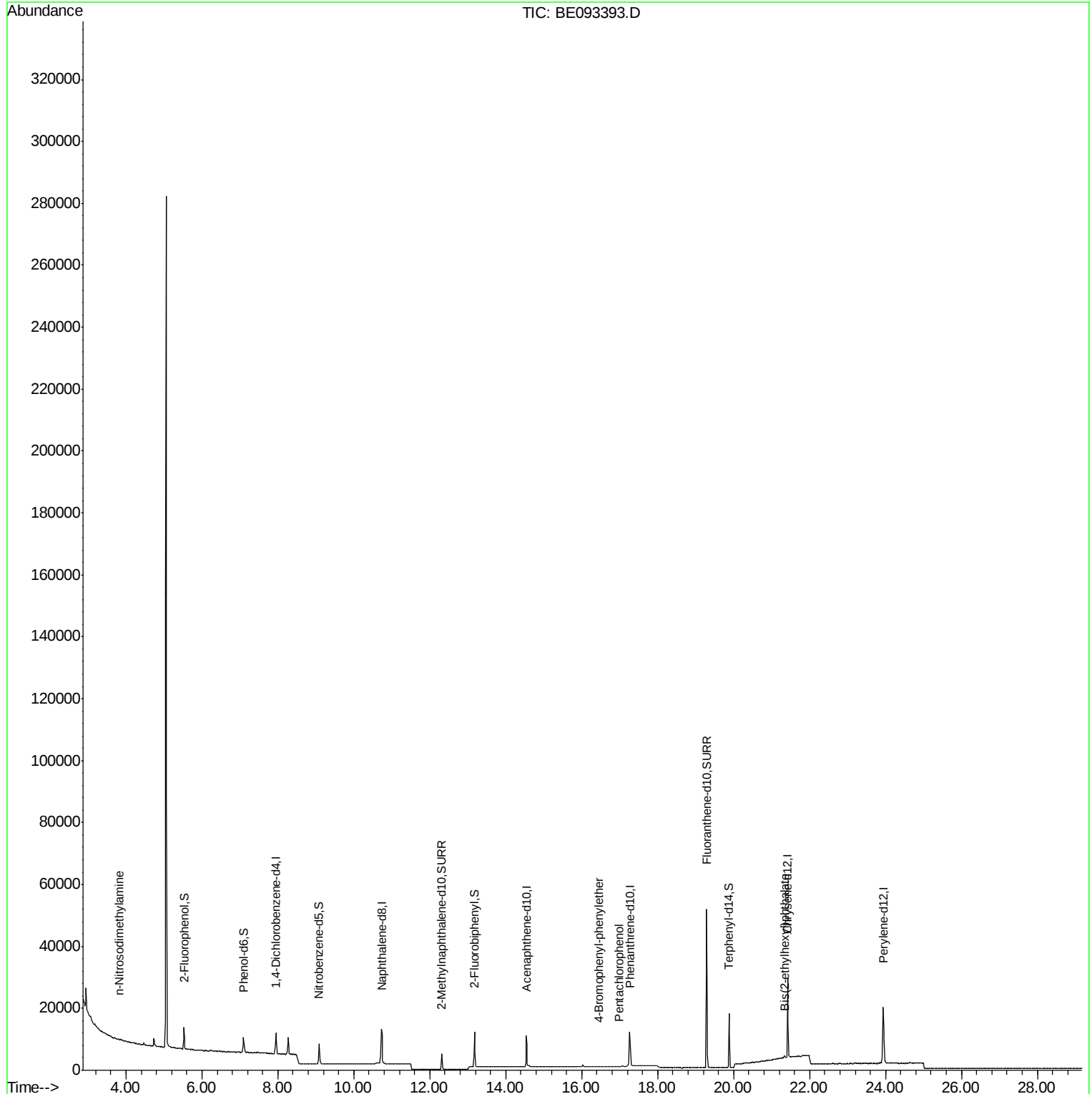
Quant Time: Jul 03 05:10:50 2017

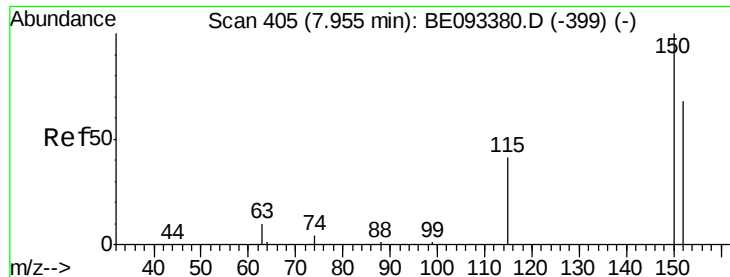
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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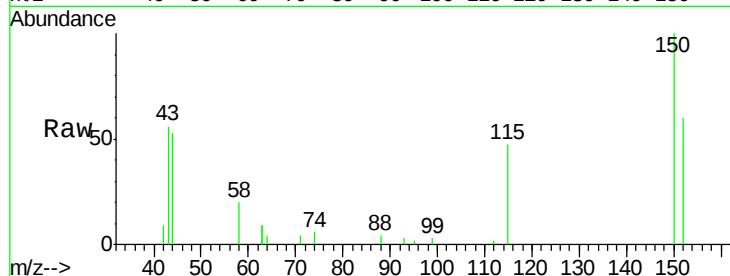
Tgt Ion: 152 Resp: 3242

Ion Ratio Lower Upper

152 100

150 166.5 125.1 187.7

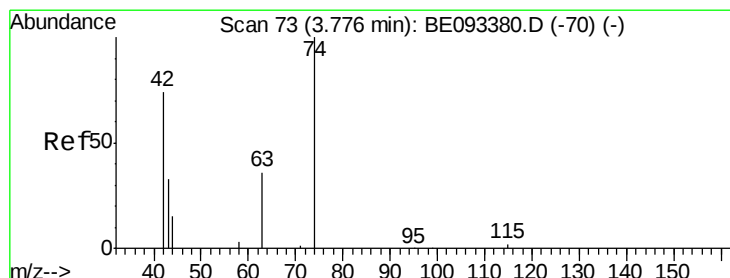
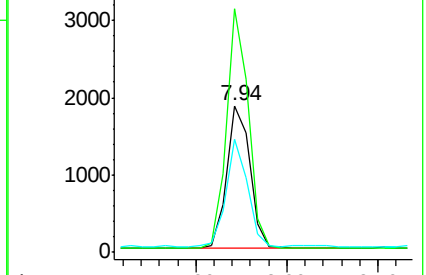
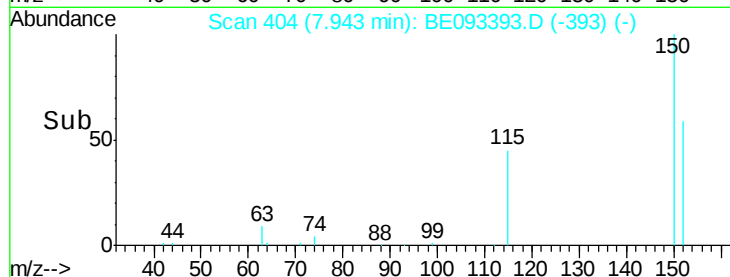
115 77.4 55.7 83.5



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: 0.15 ng

RT: 3.81 min Scan# 76

Delta R.T. 0.04 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

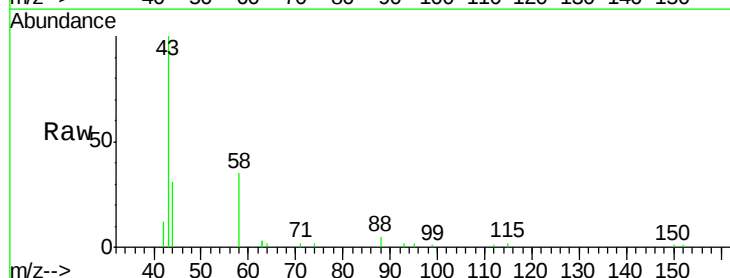
Tgt Ion: 42 Resp: 97

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

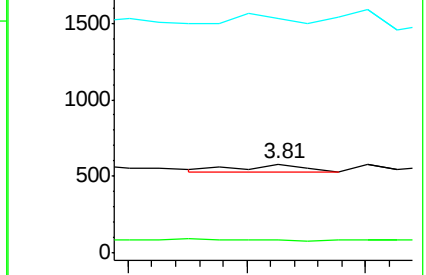
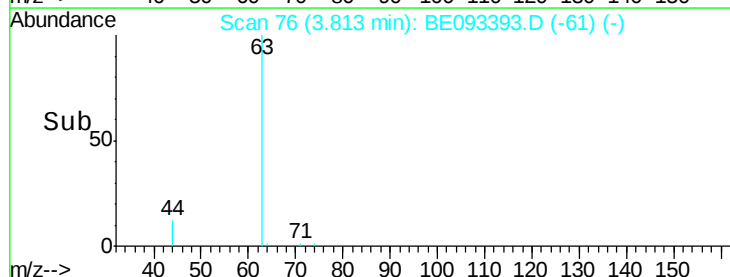
44 168.0 7.4 11.2#

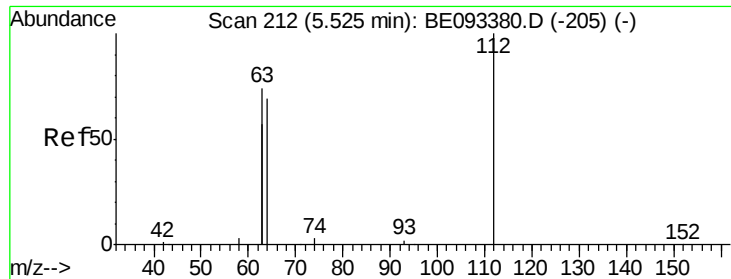


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

Instrument :

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ClientSampleId :

PB100316BL

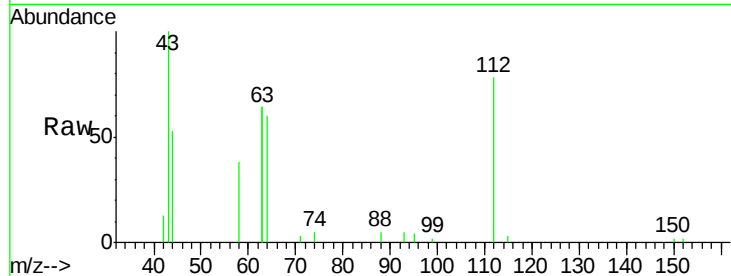
Tgt Ion: 112 Resp: 3573

Ion Ratio Lower Upper

112 100

64 70.3 56.4 84.6

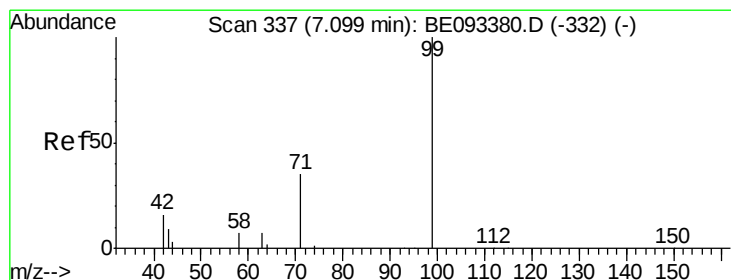
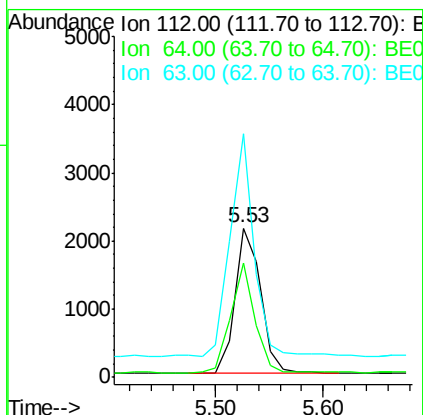
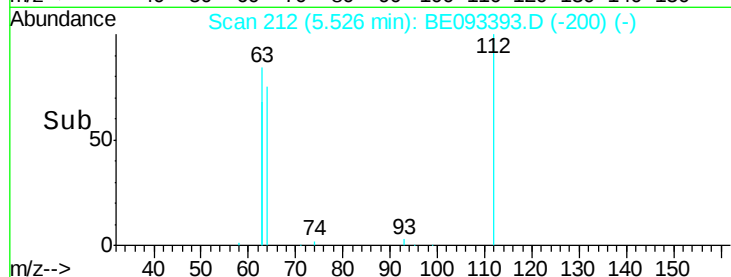
63 139.7 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE093393.D (-200) (-)

Ion 64.00 (63.70 to 64.70): BE093393.D (-200) (-)

Ion 63.00 (62.70 to 63.70): BE093393.D (-200) (-)



#5

Phenol-d6

Concen: 0.32 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

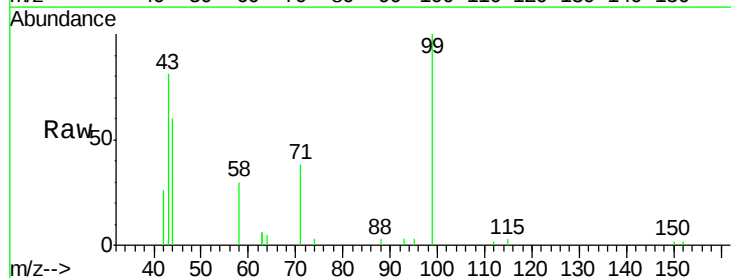
Tgt Ion: 99 Resp: 4878

Ion Ratio Lower Upper

99 100

42 19.5 0.0 0.0#

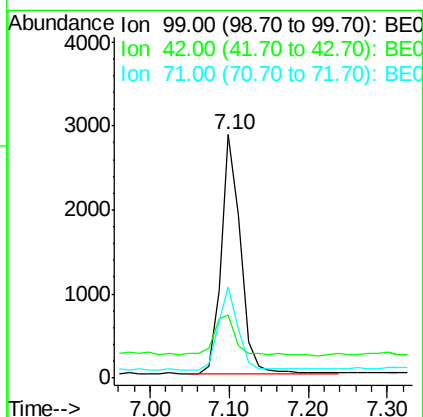
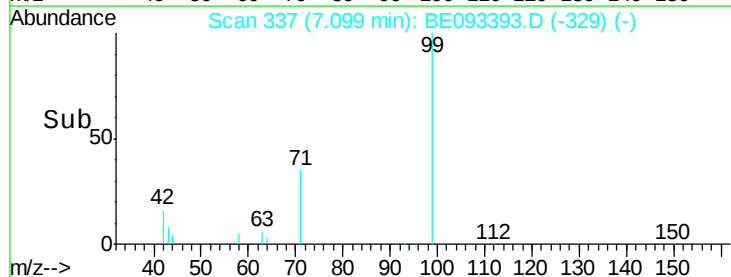
71 34.9 0.0 0.0#

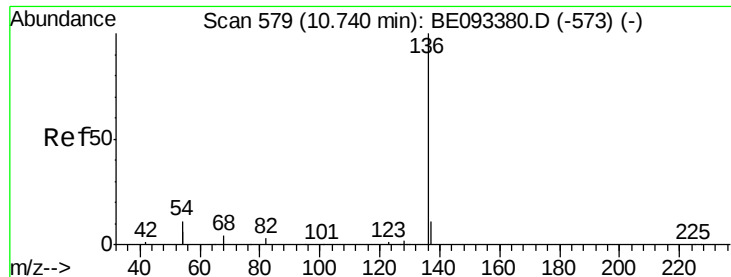


Abundance Ion 99.00 (98.70 to 99.70): BE093393.D (-329) (-)

Ion 42.00 (41.70 to 42.70): BE093393.D (-329) (-)

Ion 71.00 (70.70 to 71.70): BE093393.D (-329) (-)





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.74 min Scan# 579

Delta R.T. 0.00 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

Instrument :

BNA_E

ClientSampleId :

PB100316BL

Tgt Ion:136 Resp: 14682

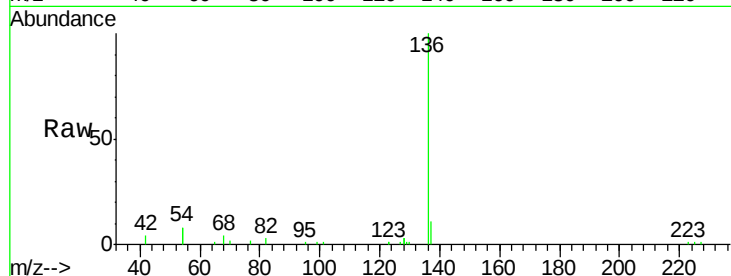
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 16.0 10.3 15.5#

68 3.5 9.0 13.4#

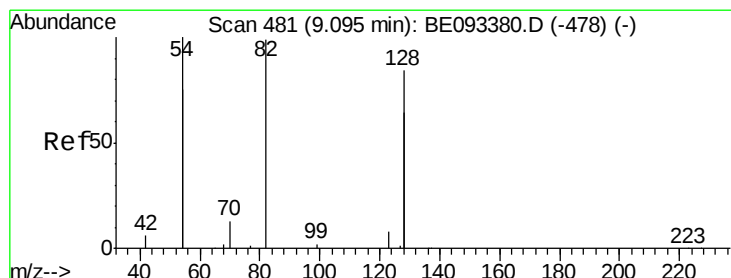
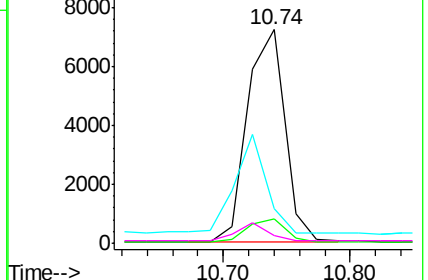
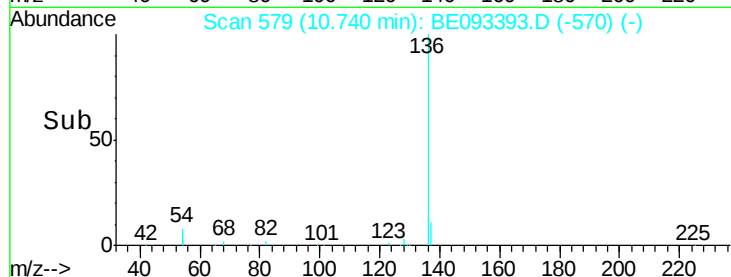


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.36 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

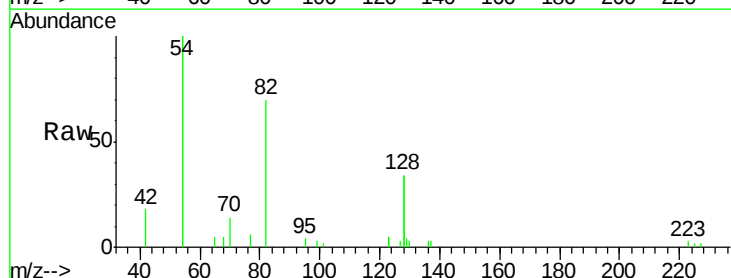
Tgt Ion: 82 Resp: 3135

Ion Ratio Lower Upper

82 100

128 97.7 17.0 25.4#

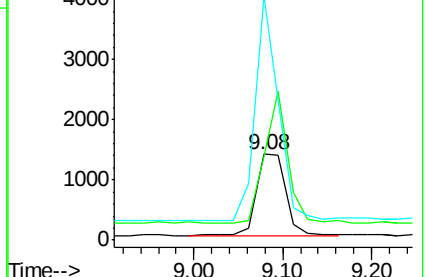
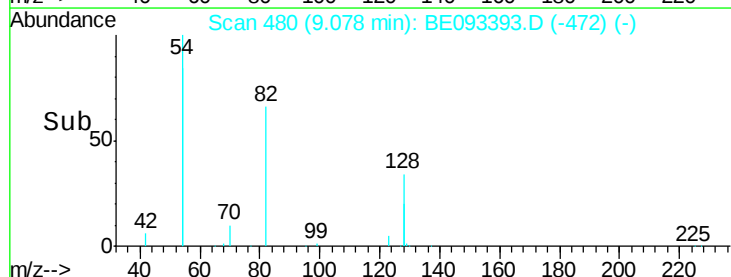
54 284.2 53.8 80.6#

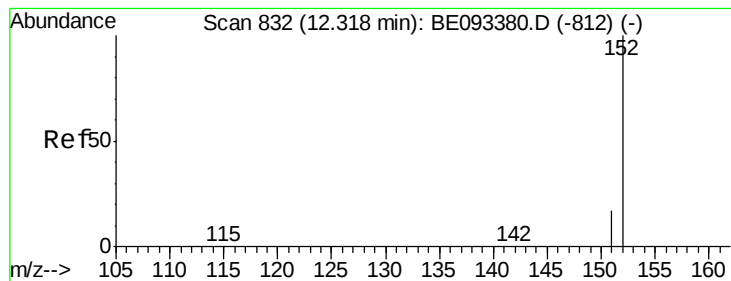


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.29 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

Instrument :

BNA_E

ClientSampleId :

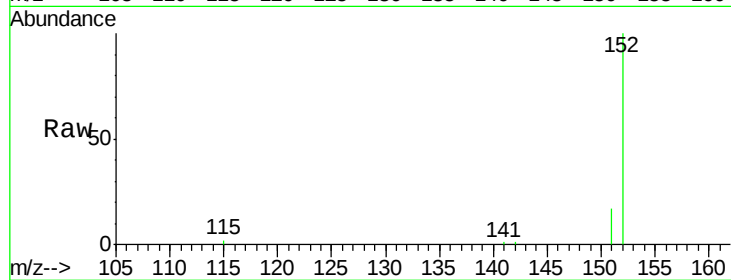
PB100316BL

Tgt Ion:152 Resp: 6779

Ion Ratio Lower Upper

152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

4000

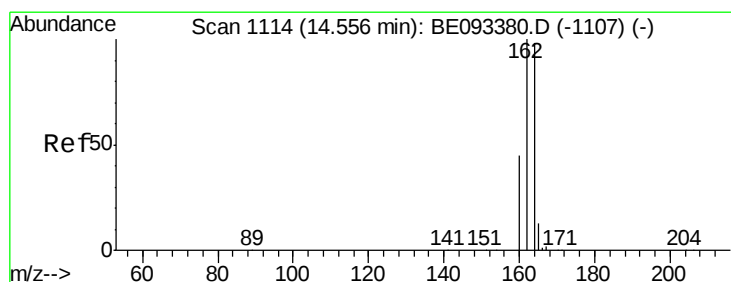
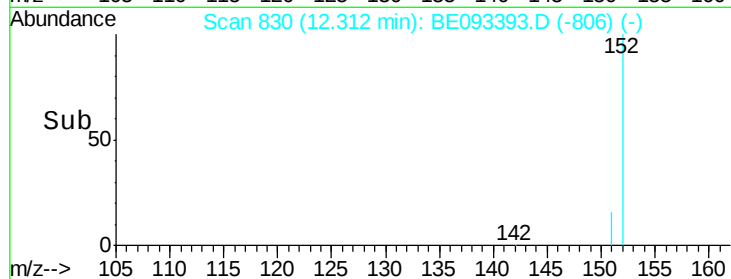
3000

2000

1000

0

Time--> 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

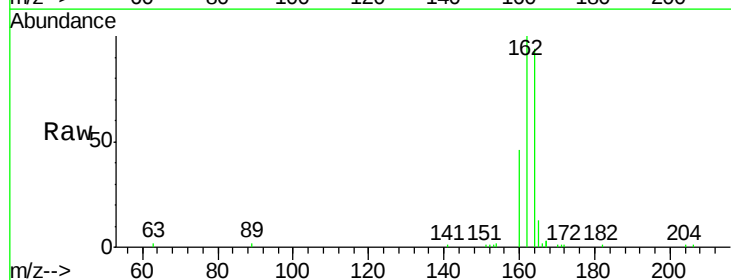
Tgt Ion:164 Resp: 6733

Ion Ratio Lower Upper

164 100

162 106.6 84.6 127.0

160 49.2 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

14.54

4000

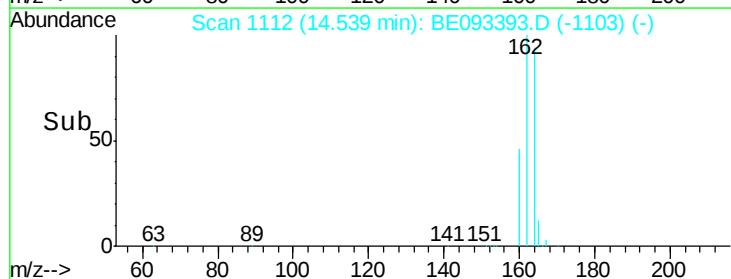
3000

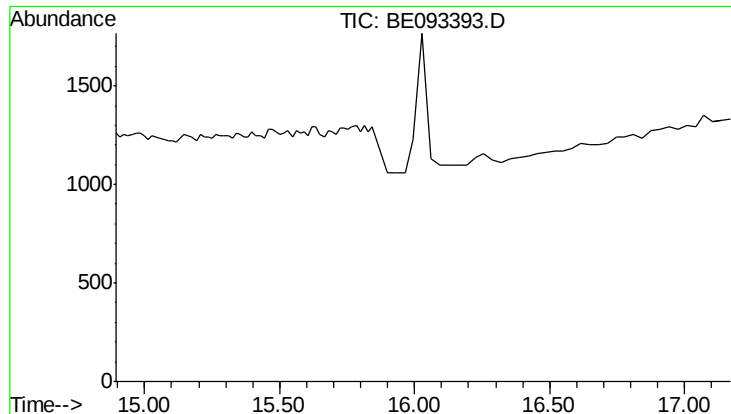
2000

1000

0

Time--> 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.03 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

Instrument :

BNA_E

ClientSampleId :

PB100316BL

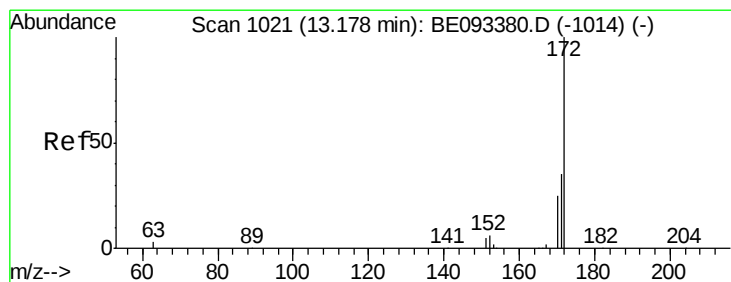
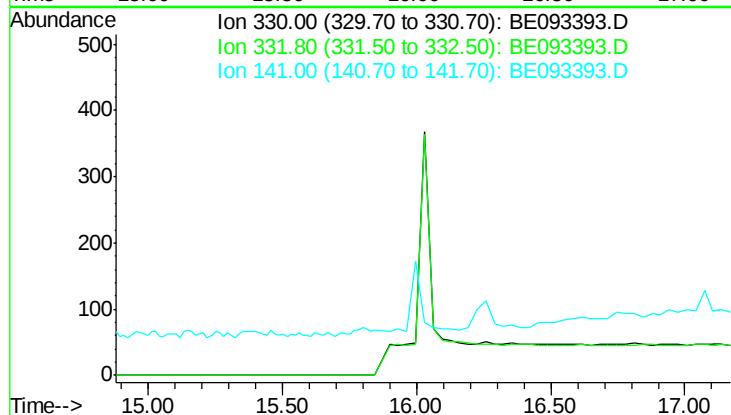
Tgt Ion: 330

Sig Exp Ratio

330 100

332 97.1

141 70.3



#15

2-Fluorobiphenyl

Concen: 0.38 ng

RT: 13.18 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

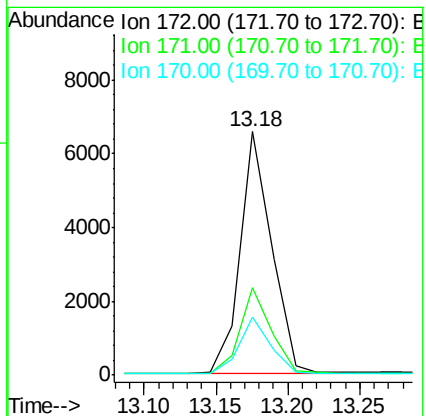
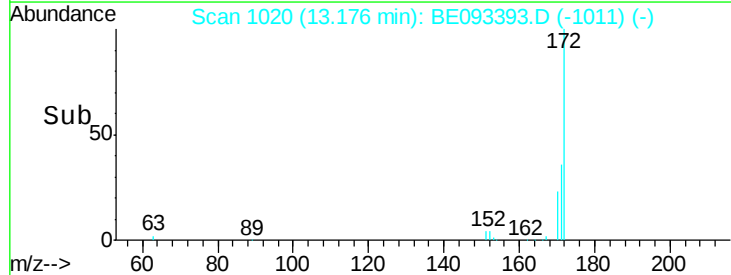
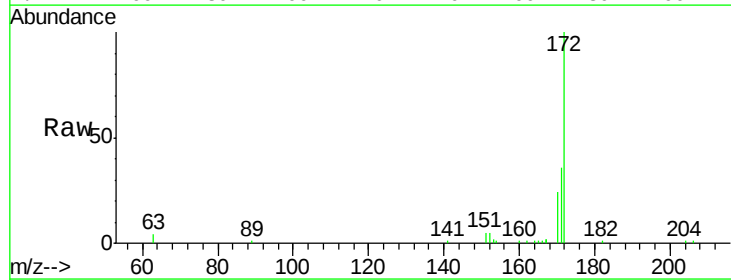
Tgt Ion: 172 Resp: 9992

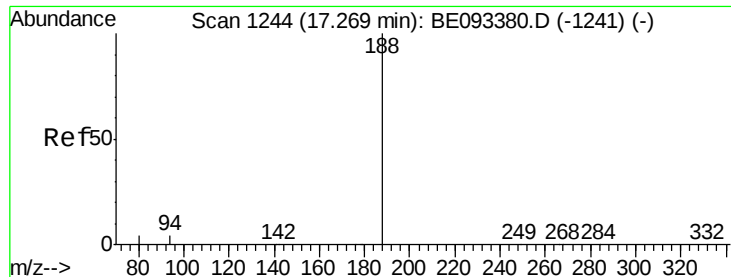
Ion Ratio Lower Upper

172 100

171 36.1 29.8 44.6

170 23.9 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

Instrument :

BNA_E

ClientSampleId :

PB100316BL

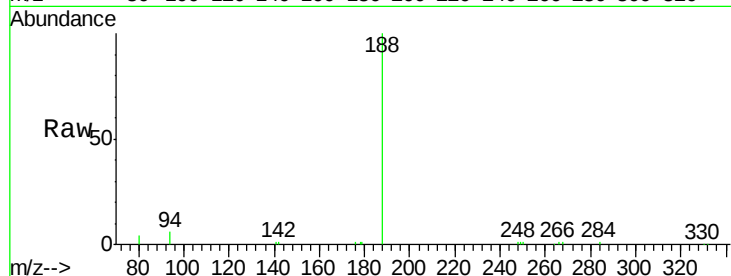
Tgt Ion:188 Resp: 21186

Ion Ratio Lower Upper

188 100

94 5.8 11.3 16.9#

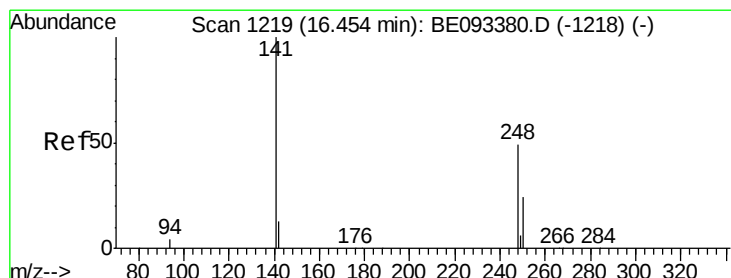
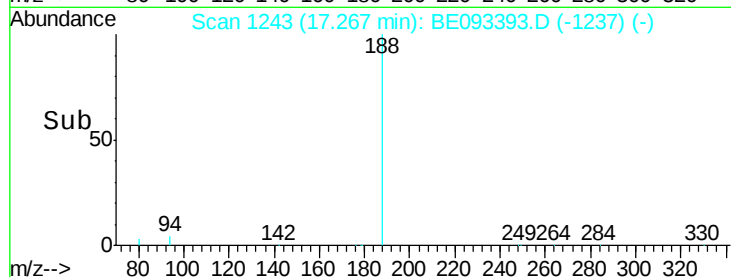
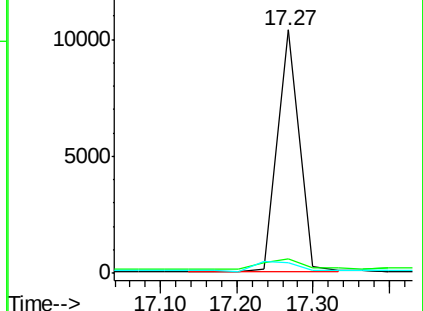
80 4.3 11.7 17.5#



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: 0.11 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

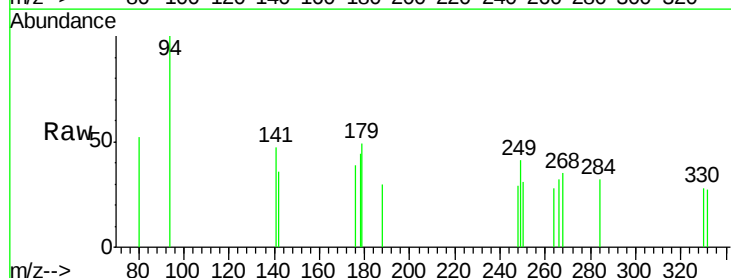
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 104.0 40.8 61.2#

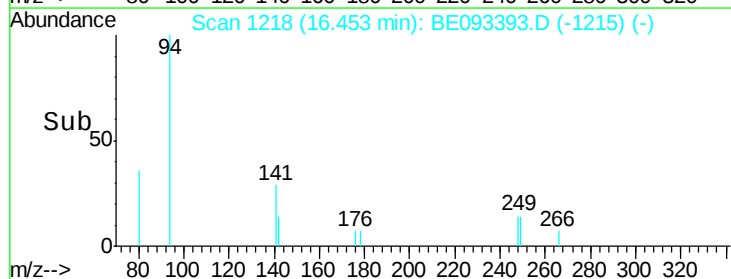
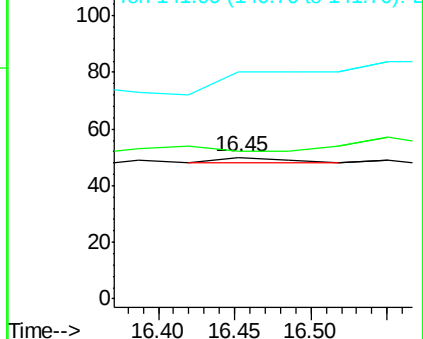
141 160.0 161.6 242.4#

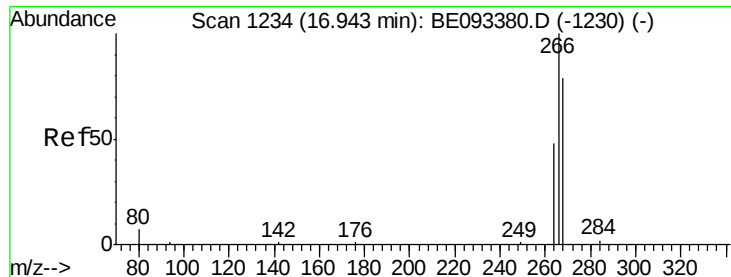


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

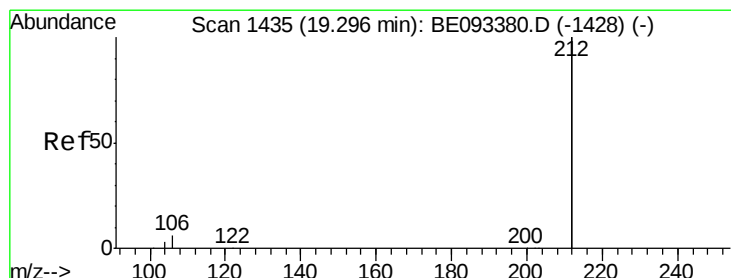
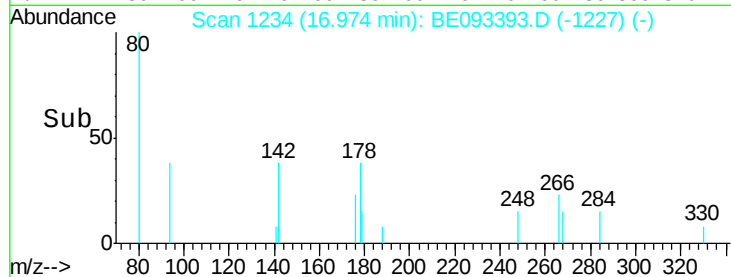
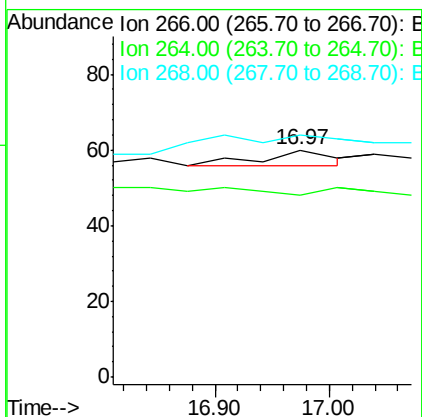
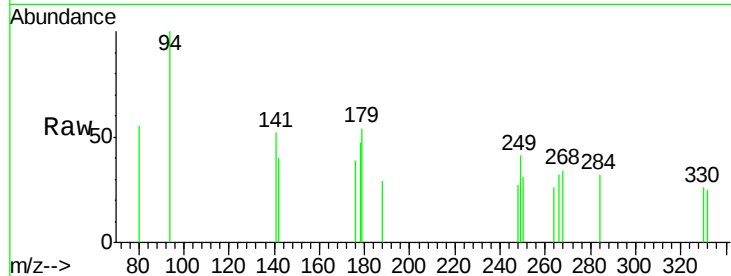




#22
 Pentachlorophenol
 Concen: 0.04 ng
 RT: 16.97 min Scan# 1234
 Delta R.T. 0.03 min
 Lab File: BE093393.D
 Acq: 1 Jul 2017 15:27

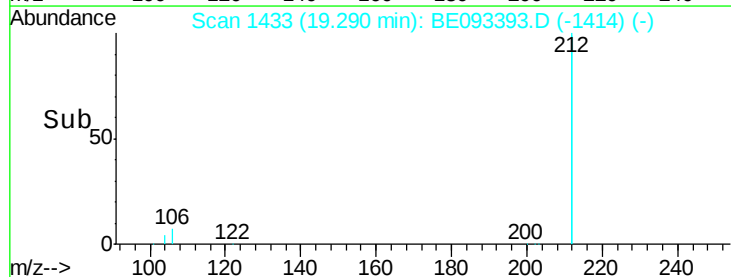
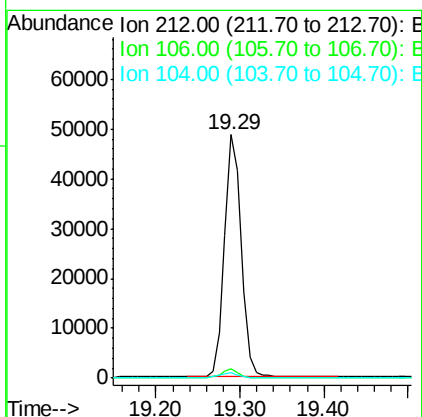
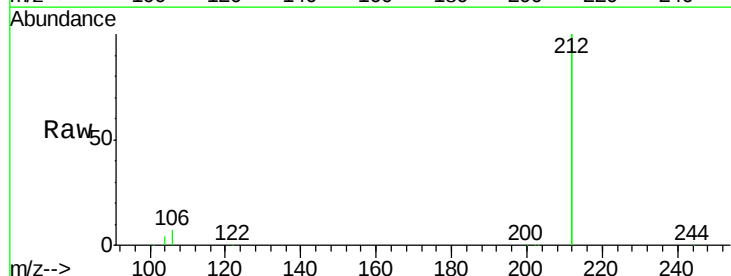
Instrument :
 BNA_E
 ClientSampleId :
 PB100316BL

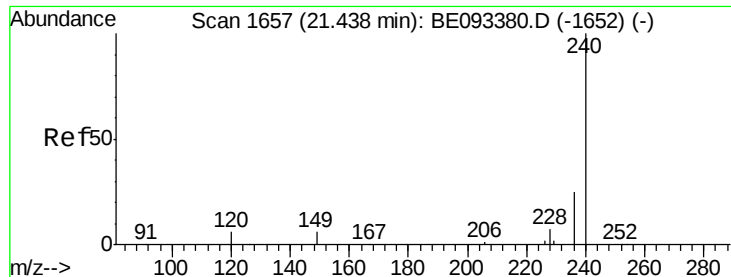
Tgt Ion: 266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 80.0 58.2 87.2
 268 106.7 71.9 107.9



#25
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.29 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093393.D
 Acq: 1 Jul 2017 15:27

Tgt Ion: 212 Resp: 67889
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

Instrument :

BNA_E

ClientSampleId :

PB100316BL

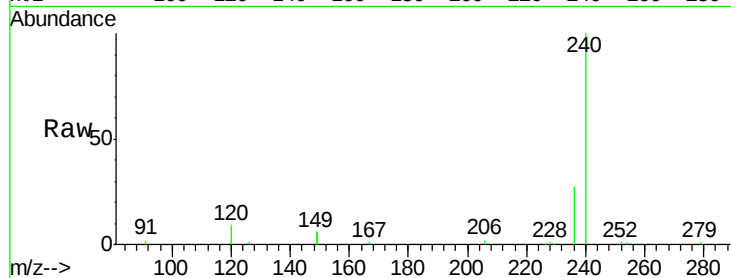
Tgt Ion:240 Resp: 25008

Ion Ratio Lower Upper

240 100

120 9.5 4.6 7.0#

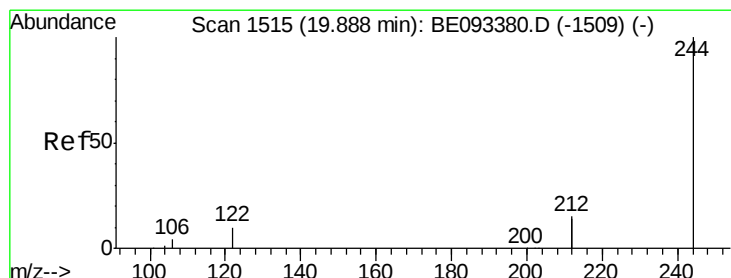
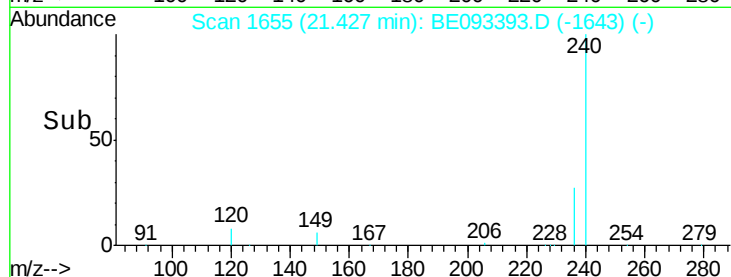
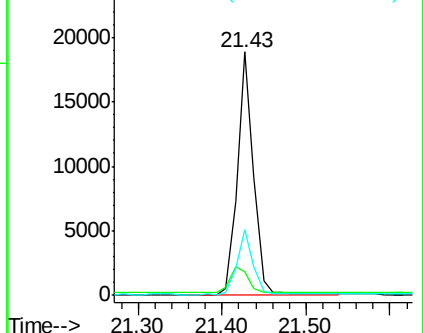
236 26.9 20.8 31.2



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: 0.31 ng

RT: 19.88 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093393.D

Acq: 1 Jul 2017 15:27

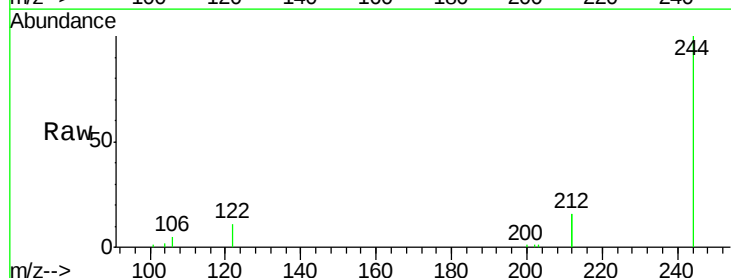
Tgt Ion:244 Resp: 14492

Ion Ratio Lower Upper

244 100

212 32.2 10.6 16.0#

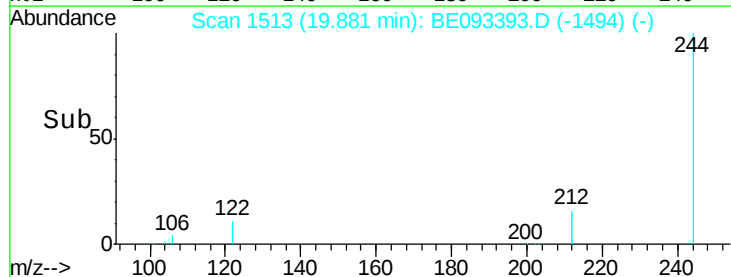
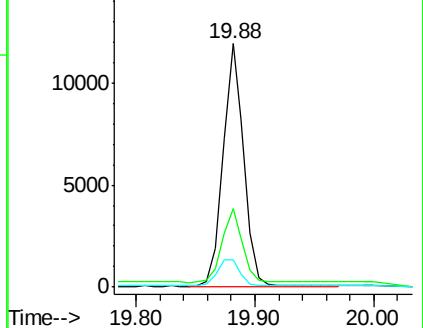
122 11.2 15.4 23.0#

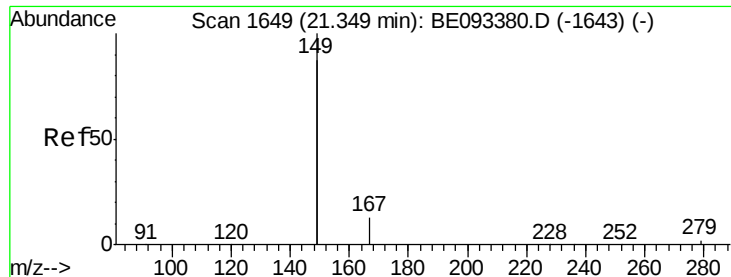


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

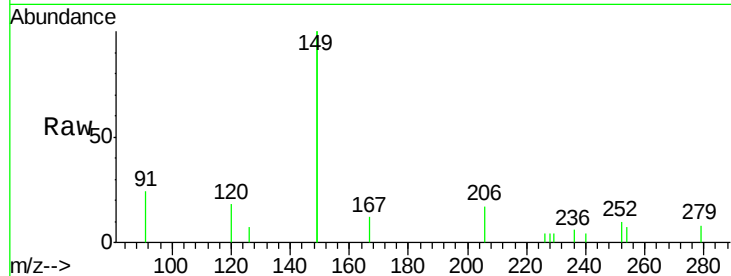




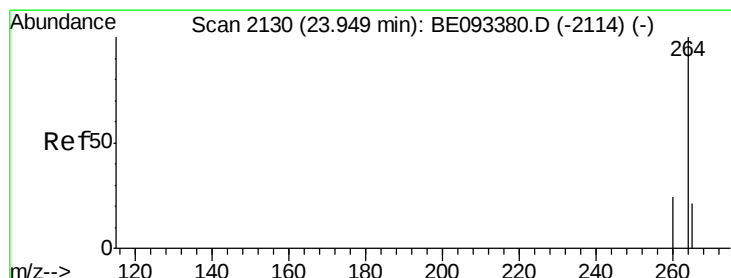
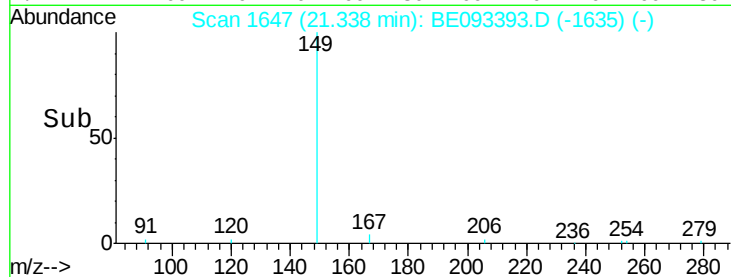
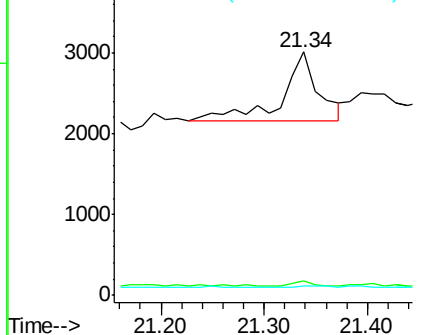
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng
 RT: 21.34 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093393.D
 Acq: 1 Jul 2017 15:27

Instrument :
 BNA_E
 ClientSampleId :
 PB100316BL

Tgt Ion:149 Resp: 2170
 Ion Ratio Lower Upper
 149 100
 167 3.9 20.1 30.1#
 279 2.5 2.2 3.4

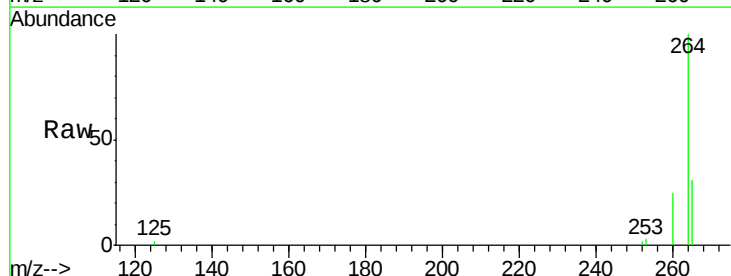


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.94 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093393.D
 Acq: 1 Jul 2017 15:27

Tgt Ion:264 Resp: 28187
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.0 31.4
 265 30.8 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

