

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093957.D
 Acq On : 11 Sep 2017 11:37
 Operator : SJ/JU
 Sample : PB102204BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BL

Quant Time: Sep 12 07:40:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

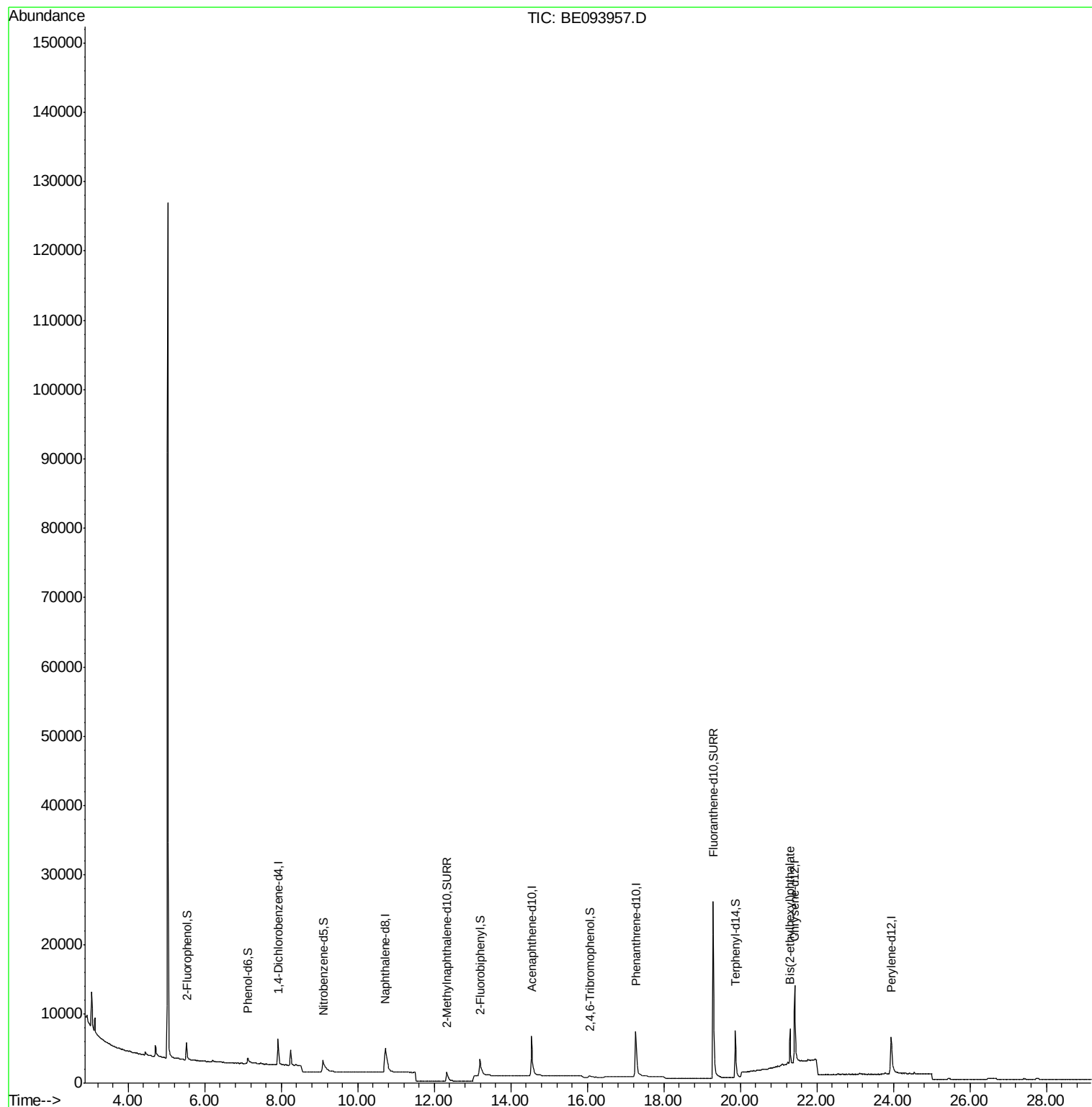
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2018	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9244	0.40	ng	0.02
13) Acenaphthene-d10	14.54	164	5725	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	15962	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16176	0.40	ng	0.00
34) Perylene-d12	23.94	264	12340	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1746	0.27	ng	0.00
5) Phenol-d6	7.13	99	1962	0.20	ng	0.01
8) Nitrobenzene-d5	9.10	82	1934	0.25	ng	0.02
11) 2-Methylnaphthalene-d10	12.33	152	4096	0.28	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	293	0.17	ng	0.03
15) 2-Fluorobiphenyl	13.19	172	5312	0.23	ng	0.03
25) Fluoranthene-d10	19.29	212	48297	0.20	ng	0.00
29) Terphenyl-d14	19.87	244	9015	0.30	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.39	248	8	Below Cal	#	43
23) Phenanthrene	17.30	178	94	Below Cal	#	63
32) Bis(2-ethylhexyl)phthalate	21.30	149	8757	0.073 ng	#	95

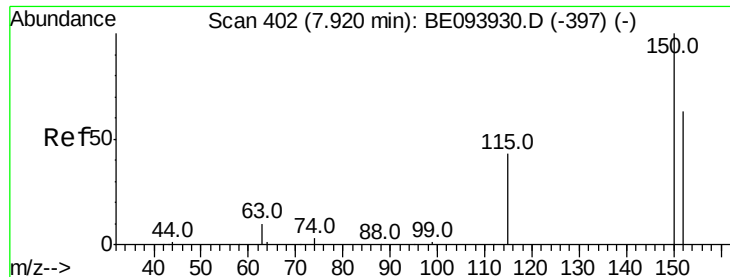
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

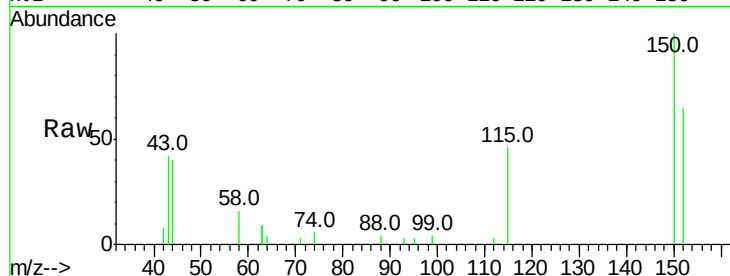
Tot Ion:152 Resp: 2018

Ion Ratio Lower Upper

152 100

150 154.1 121.8 182.6

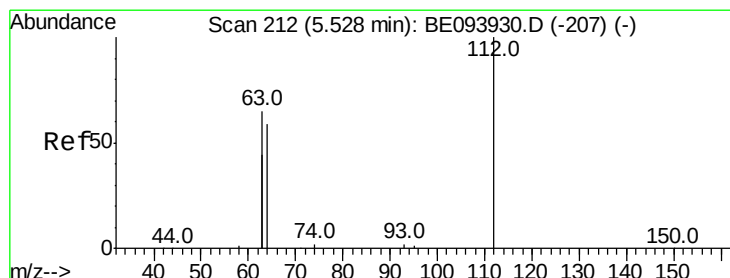
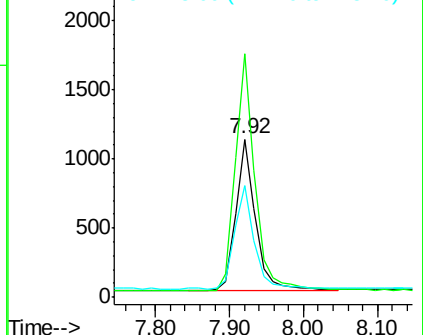
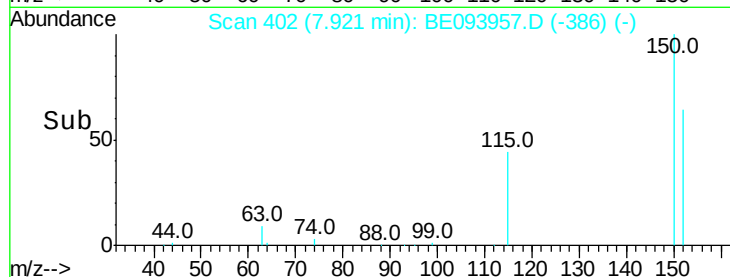
115 70.9 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.267 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

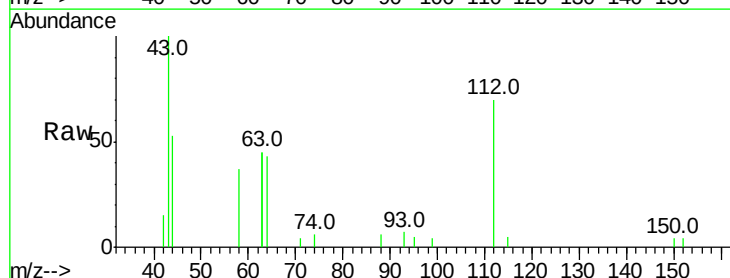
Tgt Ion:112 Resp: 1746

Ion Ratio Lower Upper

112 100

64 73.0 57.7 86.5

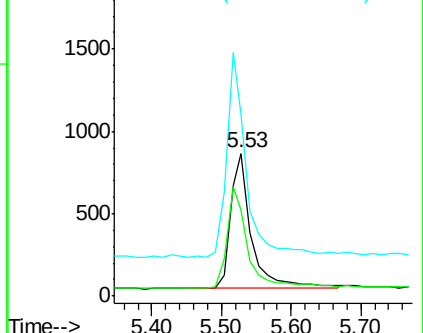
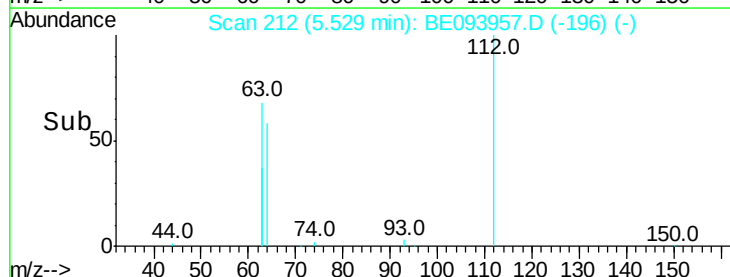
63 144.3 116.0 174.0

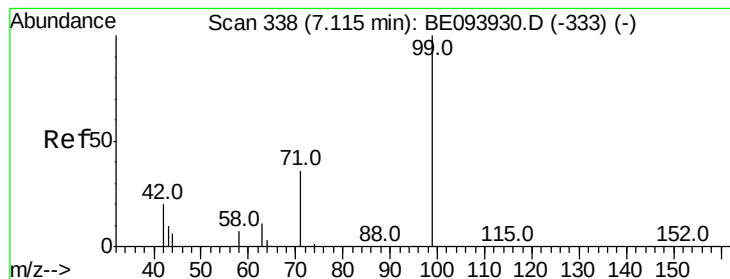


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.200 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

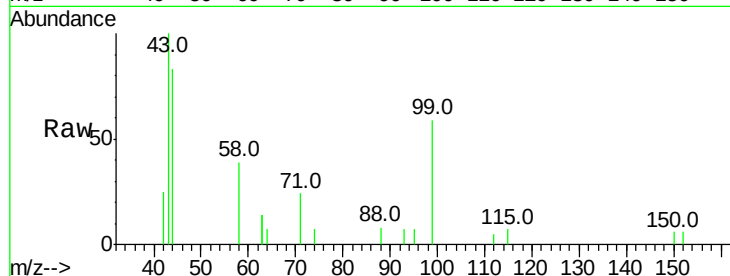
Tot Ion: 99 Resp: 1962

Ion Ratio Lower Upper

99 100

42 19.8 17.1 25.7

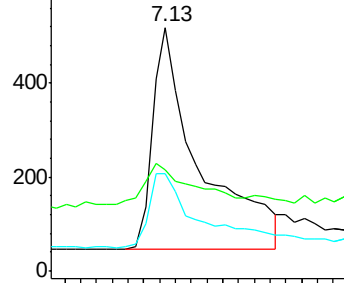
71 36.5 26.6 39.8



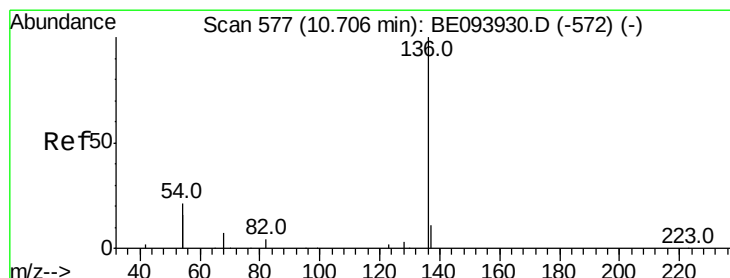
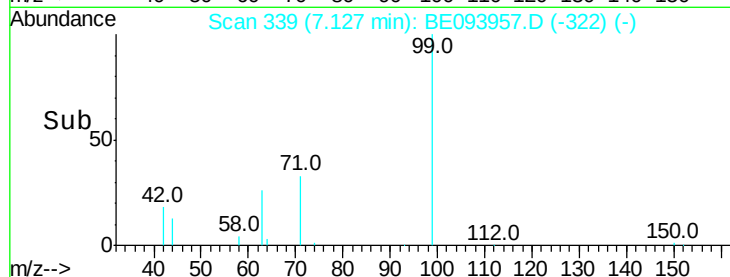
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Tgt Ion: 136 Resp: 9244

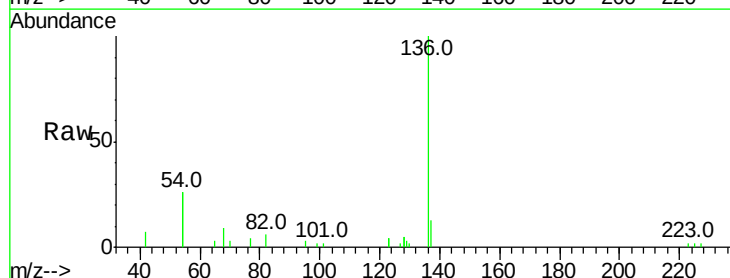
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 52.4 21.9 32.9#

68 9.4 4.6 7.0#

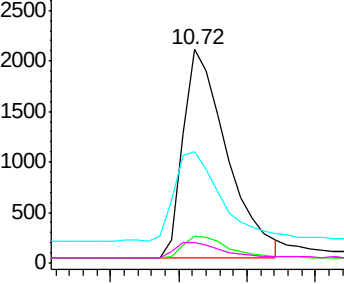


Abundance Ion 136.00 (135.70 to 136.70): E

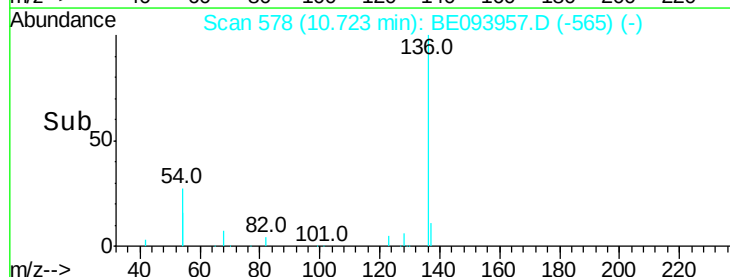
Ion 137.00 (136.70 to 137.70): E

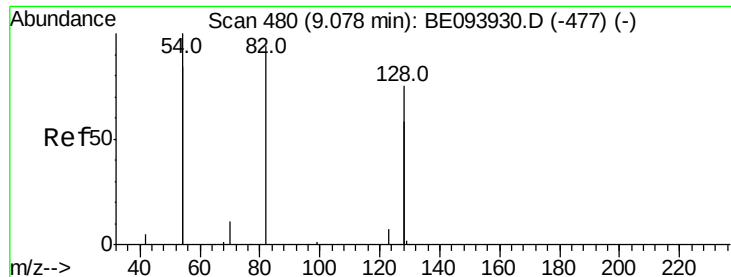
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

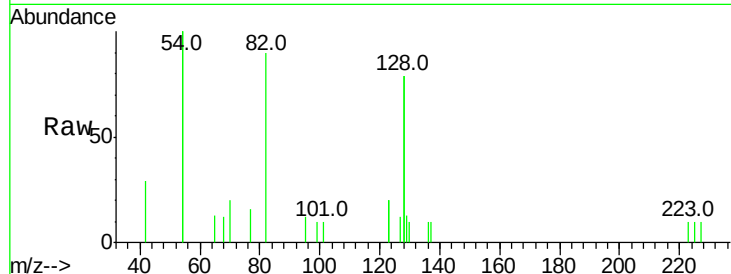




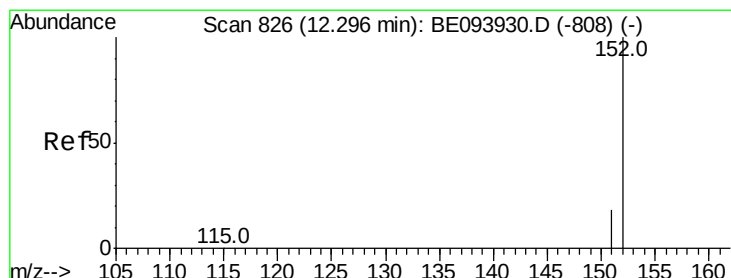
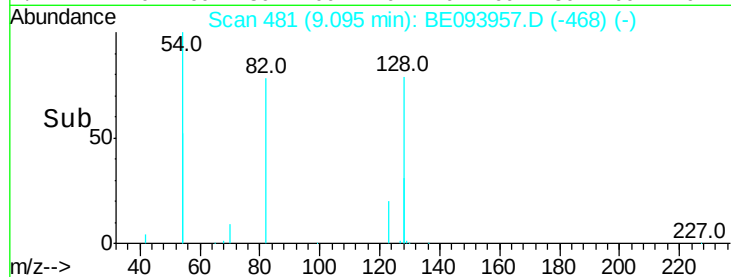
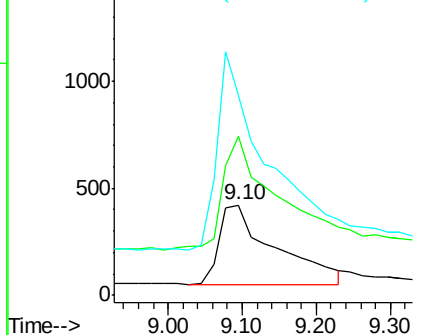
#8
 Nitrobenzene-d5
 Concen: 0.247 ng
 RT: 9.10 min Scan# 481
 Delta R.T. 0.02 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BL

Tot Ion: 82 Resp: 1934
 Ion Ratio Lower Upper
 82 100
 128 176.2 91.4 137.0#
 54 222.8 197.8 296.8

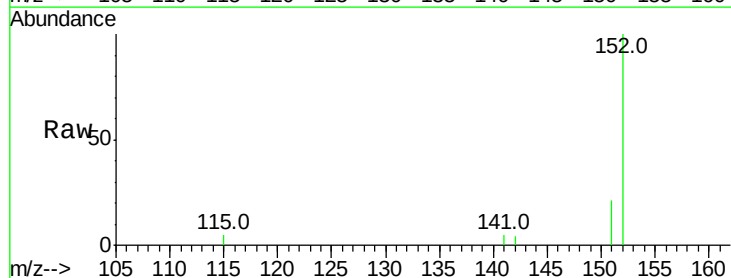


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

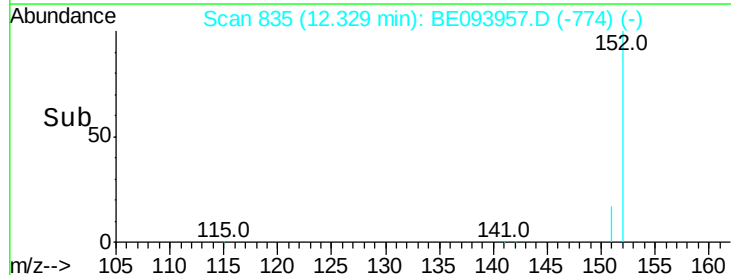
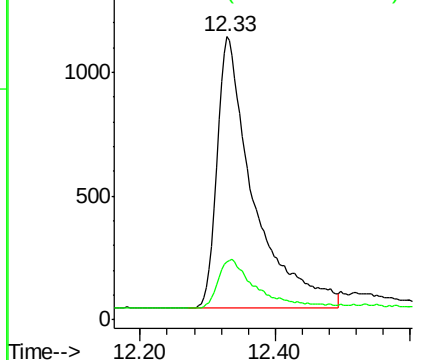


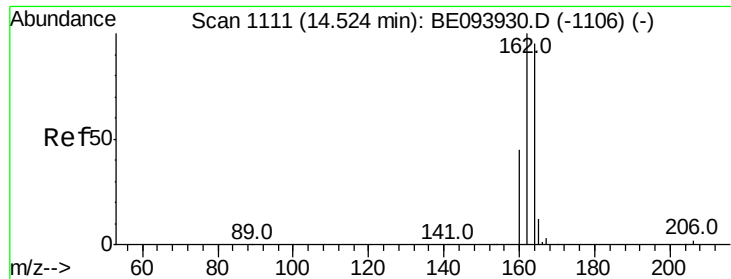
#11
 2-Methylnaphthalene-d10
 Concen: 0.277 ng
 RT: 12.33 min Scan# 835
 Delta R.T. 0.03 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

Tgt Ion: 152 Resp: 4096
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

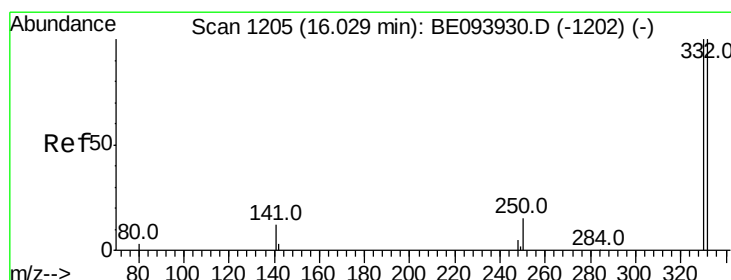
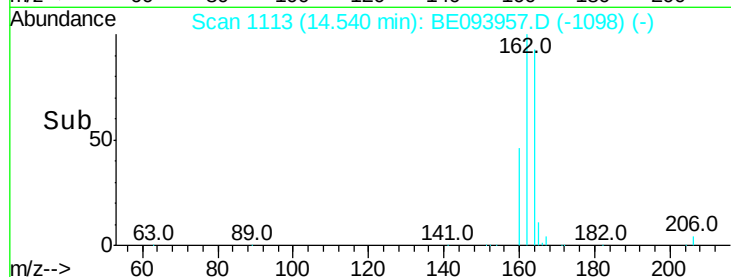
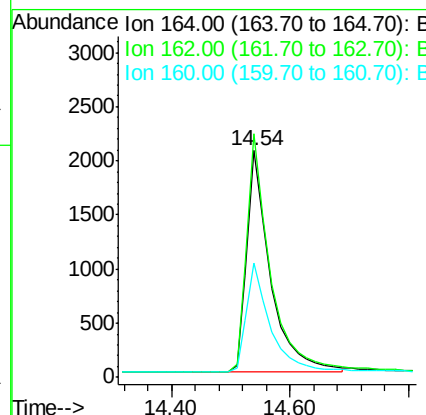
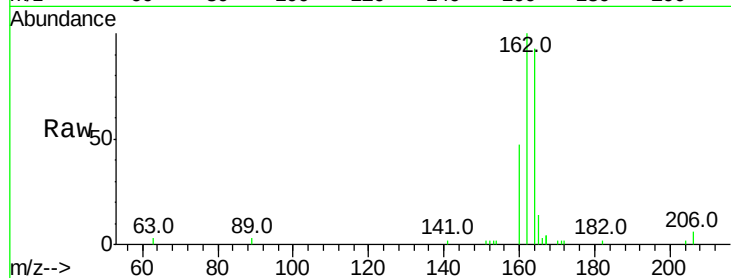




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

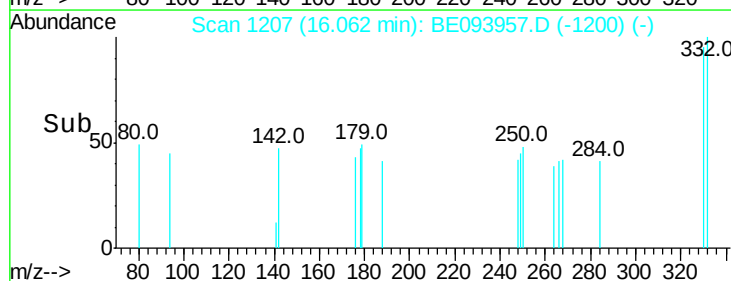
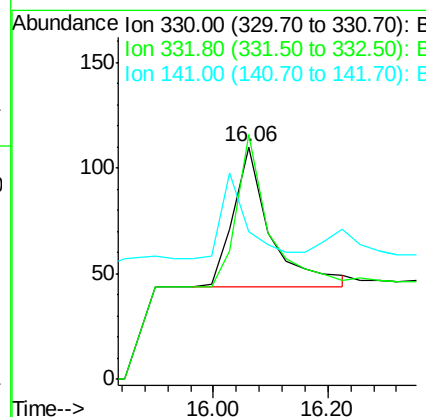
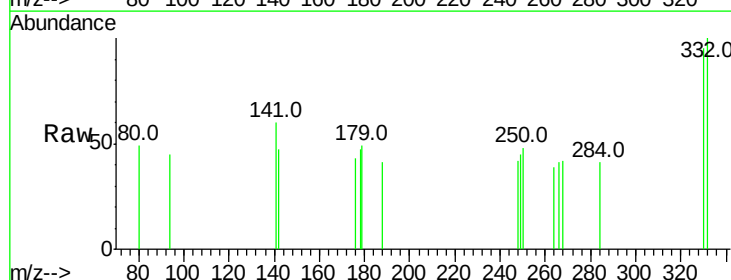
Instrument :
 BNA_E
 ClientSampleId :
 PB102204BL

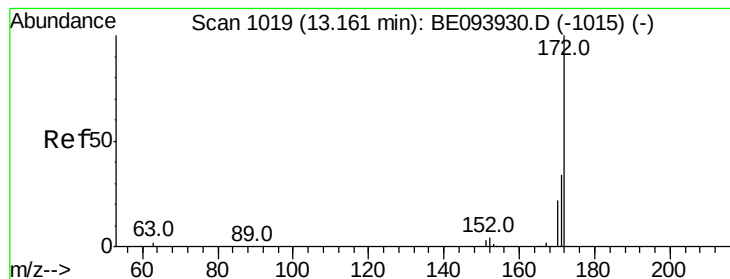
Tot Ion:164 Resp: 5725
 Ion Ratio Lower Upper
 164 100
 162 107.3 80.8 121.2
 160 50.4 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.165 ng
 RT: 16.06 min Scan# 1207
 Delta R.T. 0.03 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

Tgt Ion:330 Resp: 293
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.235 ng

RT: 13.19 min Scan# 1022

Delta R.T. 0.03 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

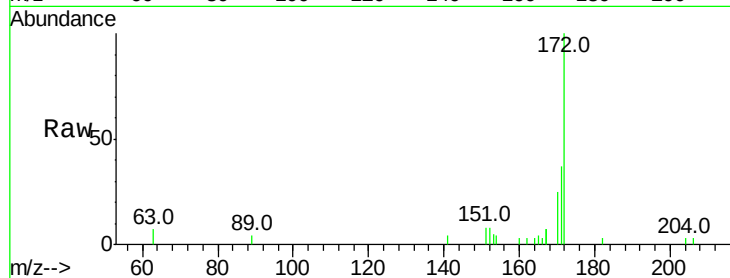
Tot Ion:172 Resp: 5312

Ion Ratio Lower Upper

172 100

171 37.3 26.9 40.3

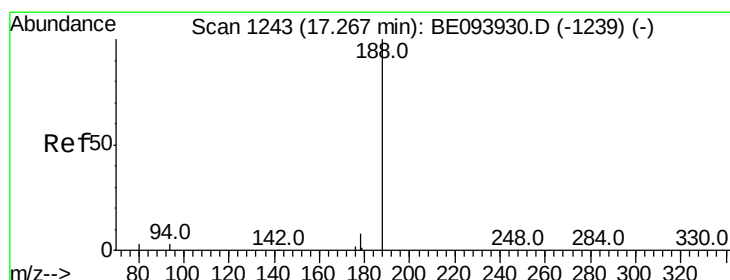
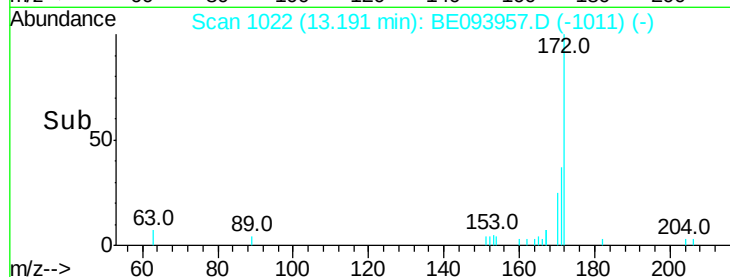
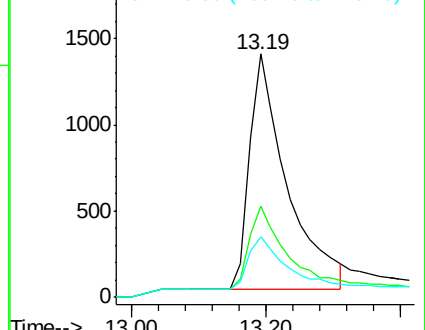
170 24.8 17.3 25.9



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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

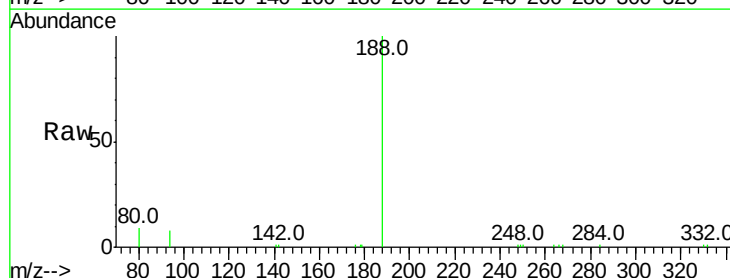
Tgt Ion:188 Resp: 15962

Ion Ratio Lower Upper

188 100

94 8.3 16.1 24.1#

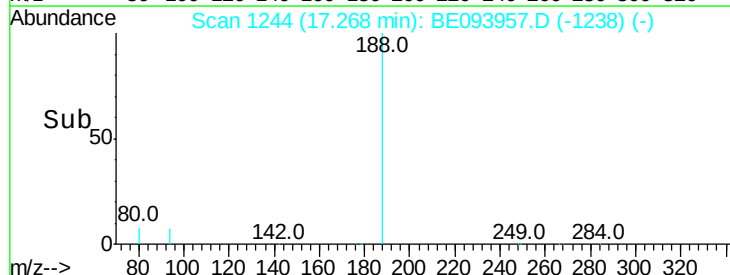
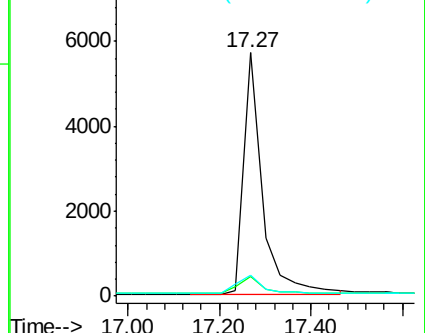
80 8.6 18.2 27.2#

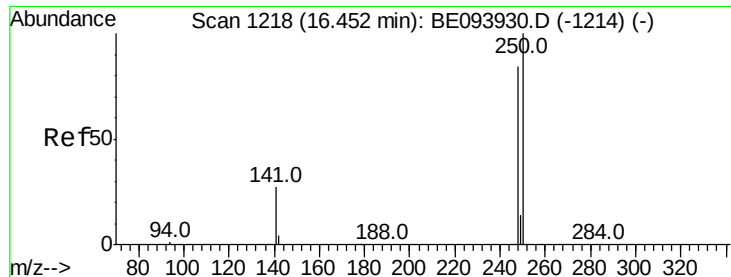


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.39 min Scan# 1217

Delta R.T. -0.06 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

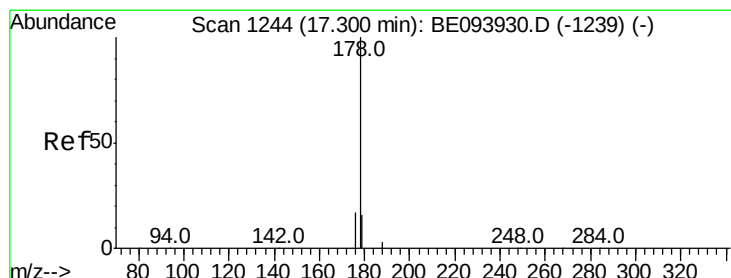
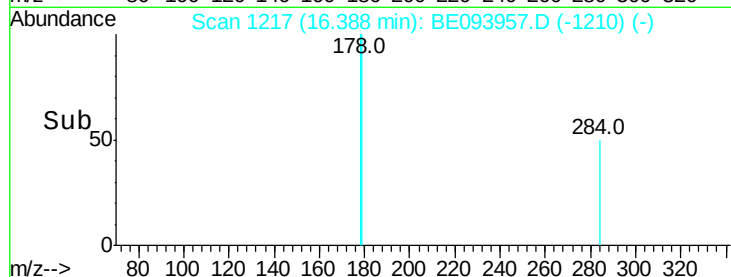
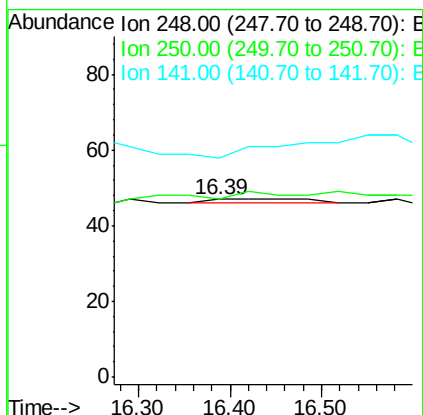
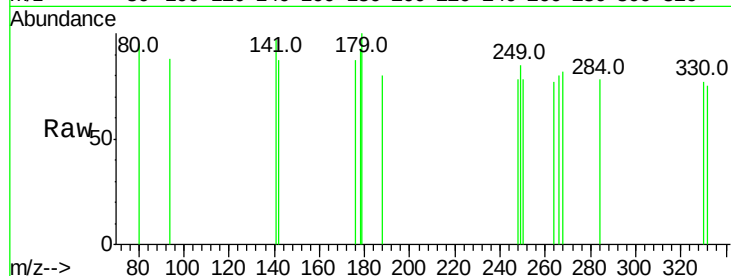
Tot Ion:248 Resp: 8

Ion Ratio Lower Upper

248 100

250 100.0 111.8 167.8#

141 123.4 27.1 40.7#



#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

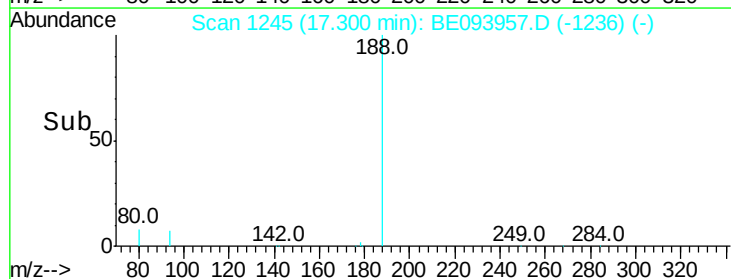
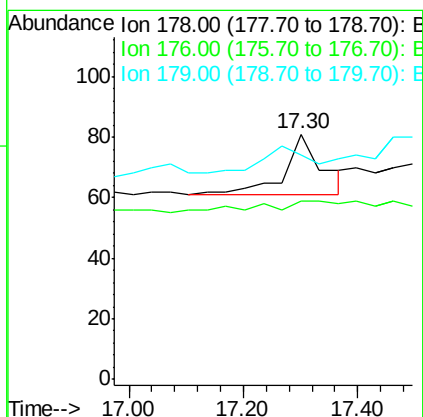
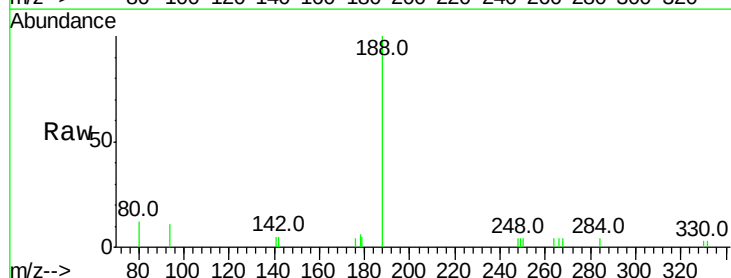
Tgt Ion:178 Resp: 94

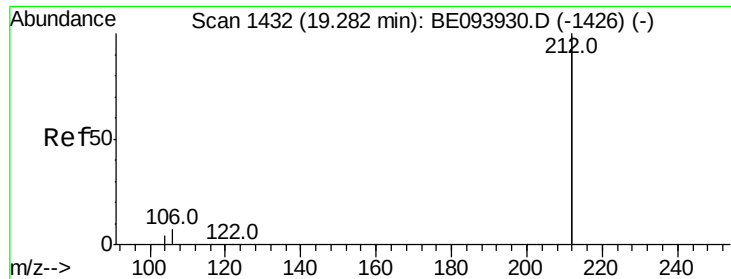
Ion Ratio Lower Upper

178 100

176 54.3 0.0 0.0#

179 0.0 12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.203 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

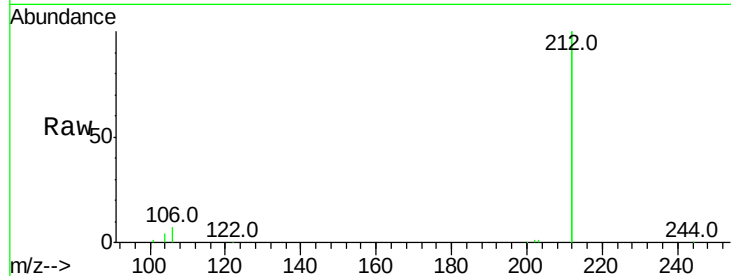
Tot Ion:212 Resp: 48297

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

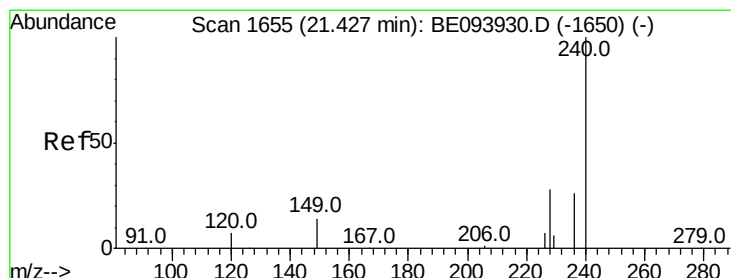
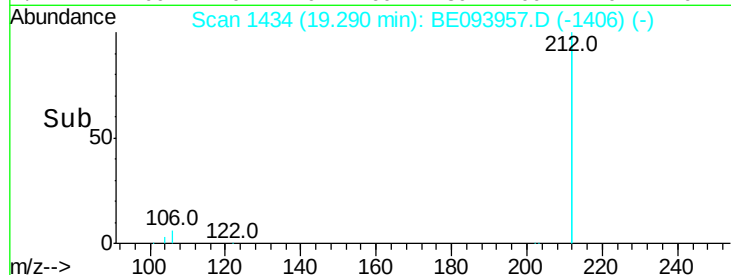
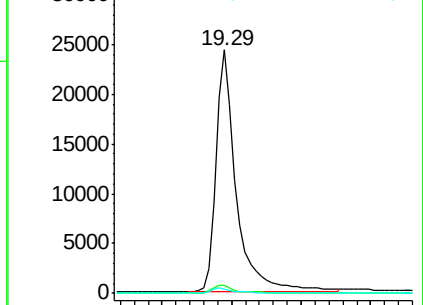
104 1.9 1.6 2.4



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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

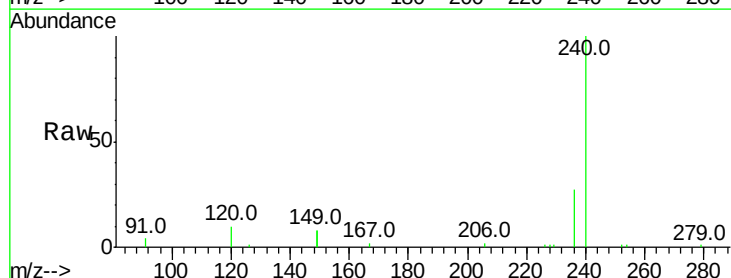
Tgt Ion:240 Resp: 16176

Ion Ratio Lower Upper

240 100

120 9.8 8.7 13.1

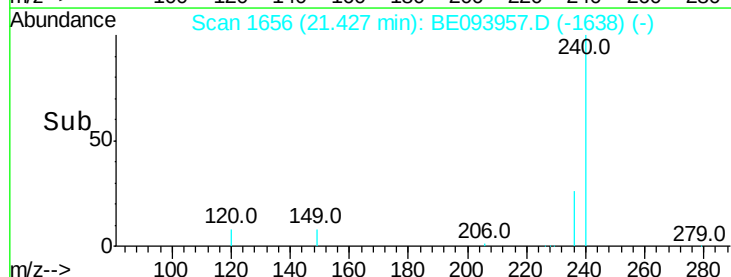
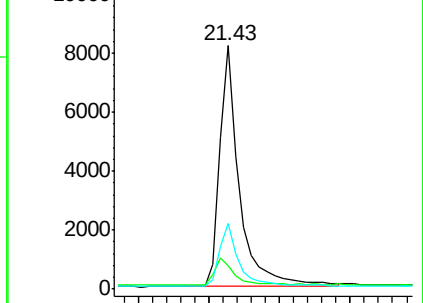
236 26.8 21.3 31.9

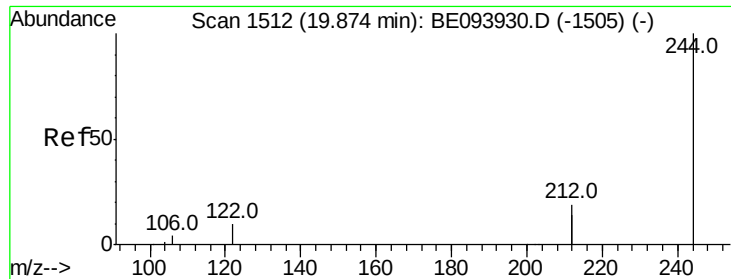


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.303 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

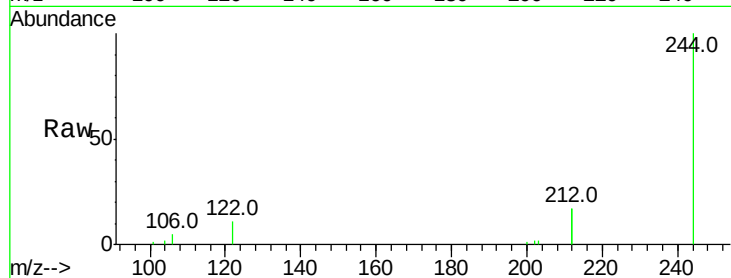
Tot Ion:244 Resp: 9015

Ion Ratio Lower Upper

244 100

212 34.4 28.3 42.5

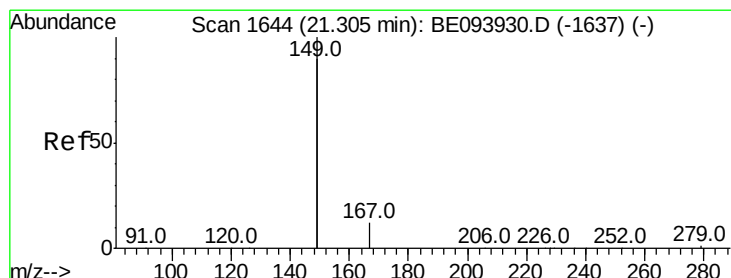
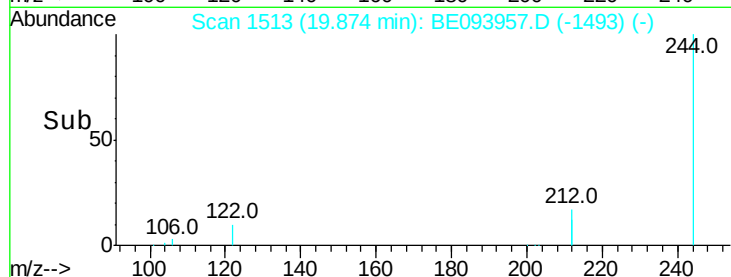
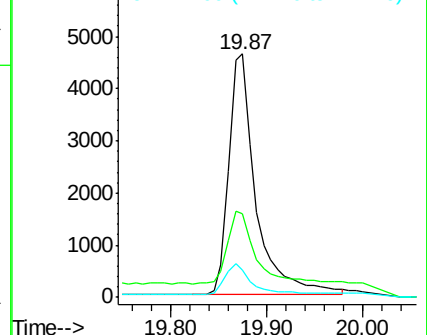
122 11.1 9.4 14.0



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: 0.073 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

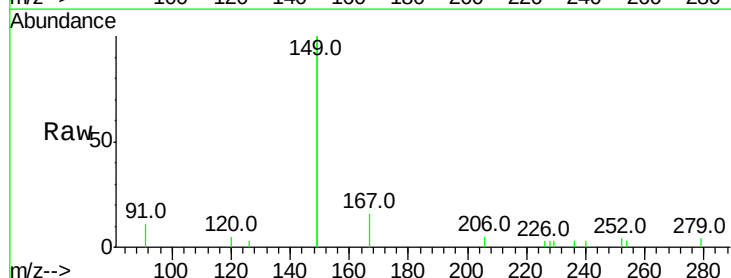
Tgt Ion:149 Resp: 8757

Ion Ratio Lower Upper

149 100

167 4.9 5.4 8.0#

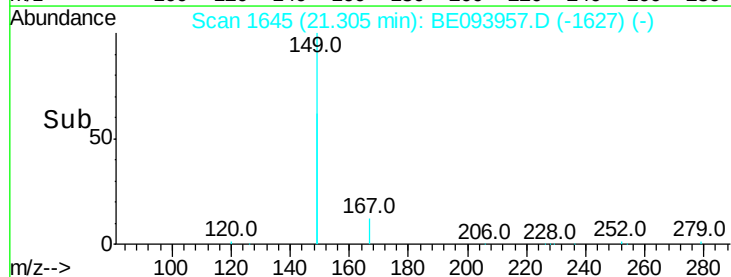
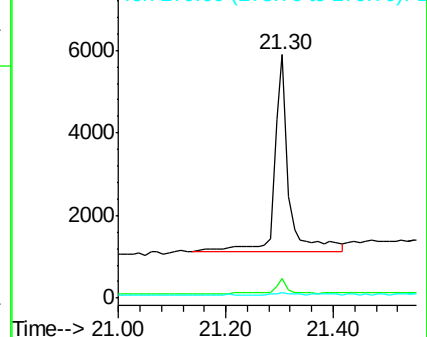
279 1.0 0.7 1.1

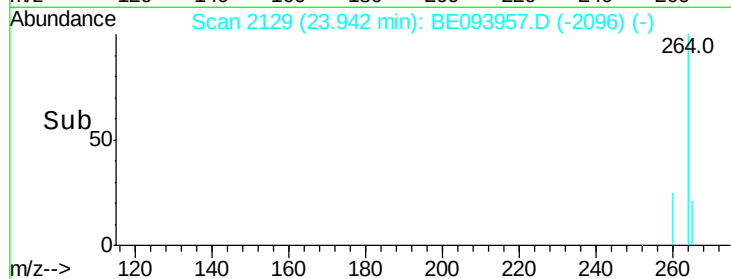
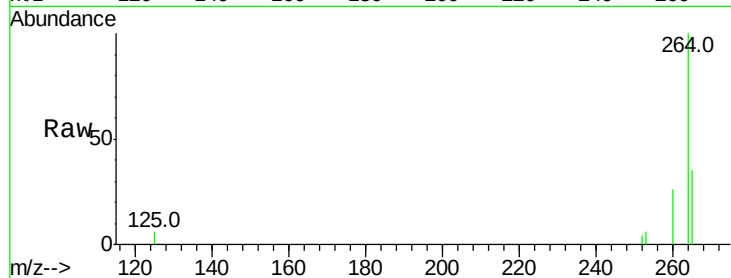
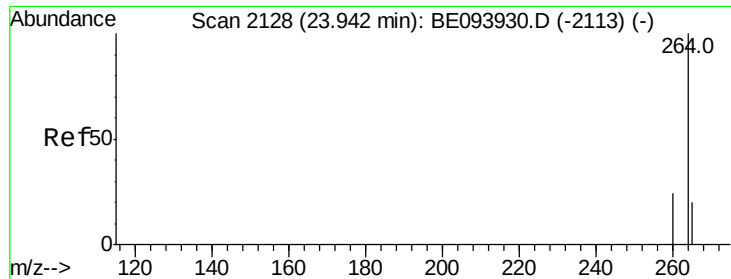


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

Tot Ion: 264 Resp: 12340

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 34.9 24.0 36.0

