

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093919.D
 Acq On : 2 Sep 2017 1:36
 Operator : SJ/JU
 Sample : I5001-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB-2017-08-26

Quant Time: Sep 02 04:38:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

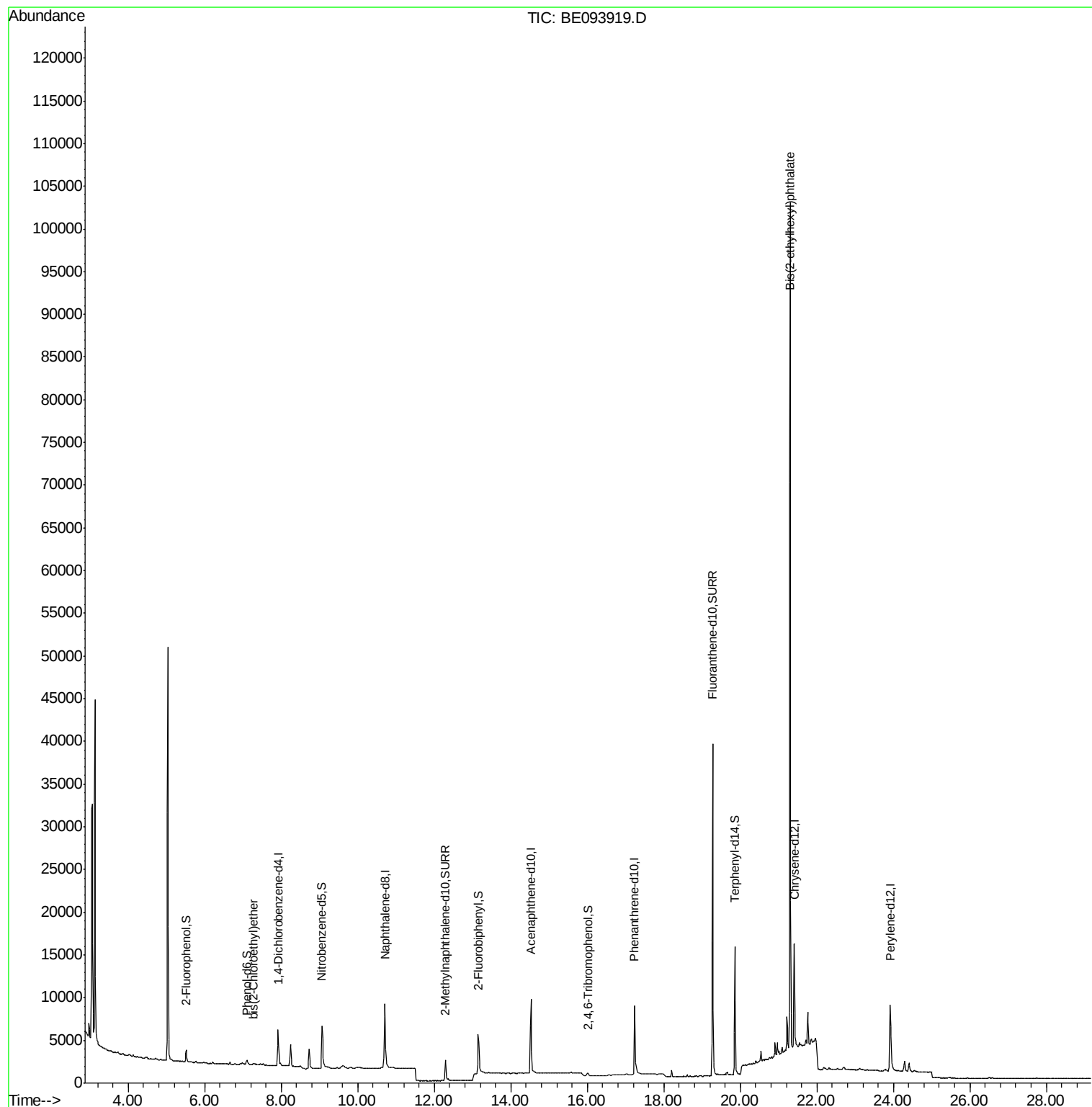
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2160	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10909	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6271	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14543	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16473	0.40	ng	0.00
34) Perylene-d12	23.92	264	14267	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	918	0.14	ng	0.00
5) Phenol-d6	7.10	99	837	0.08	ng	0.00
8) Nitrobenzene-d5	9.06	82	2630	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4476	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	352	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6695	0.27	ng	-0.01
25) Fluoranthene-d10	19.27	212	54326	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	14357	0.48	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.28	93	742	0.095	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	18	Below Cal	#	39
21) Hexachlorobenzene	16.58	284	14	Below Cal	#	100
32) Bis(2-ethylhexyl)phthalate	21.30	149	120238	1.166	ng	99

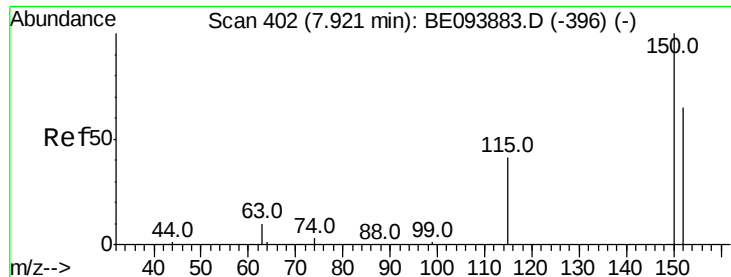
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093919.D
Acq On : 2 Sep 2017 1:36
Operator : SJ/JU
Sample : I5001-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EB-2017-08-26

Quant Time: Sep 02 04:38:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 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: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

EB-2017-08-26

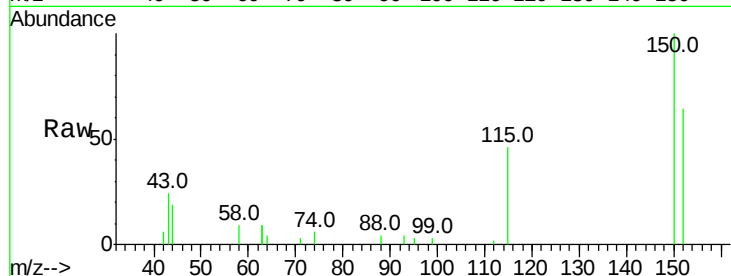
Tot Ion:152 Resp: 2160

Ion Ratio Lower Upper

152 100

150 156.3 121.8 182.6

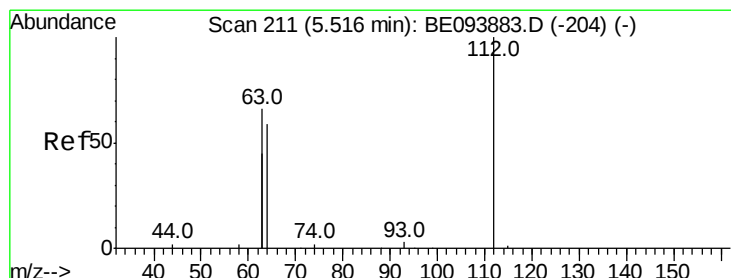
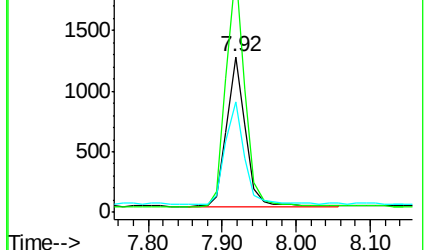
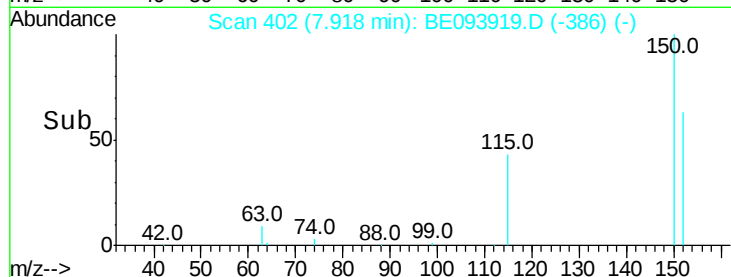
115 71.2 52.6 79.0



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: 0.138 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

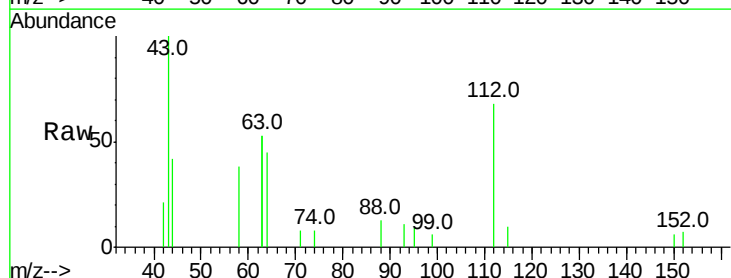
Tgt Ion:112 Resp: 918

Ion Ratio Lower Upper

112 100

64 71.5 57.7 86.5

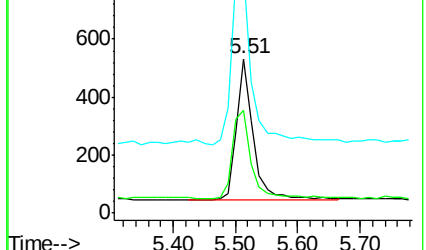
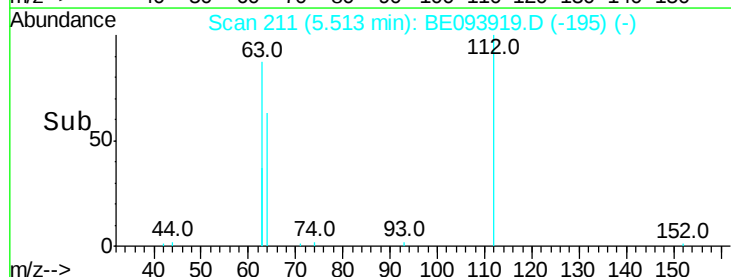
63 153.7 116.0 174.0

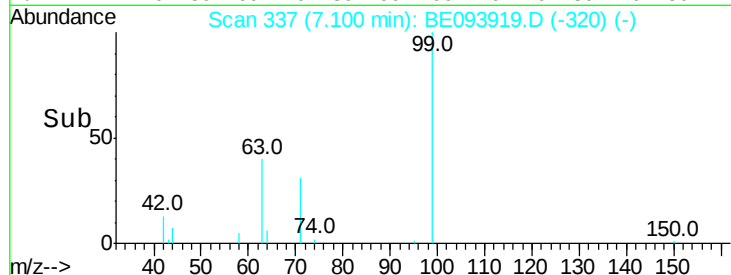
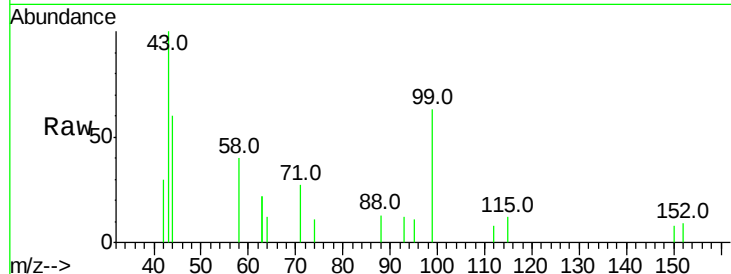
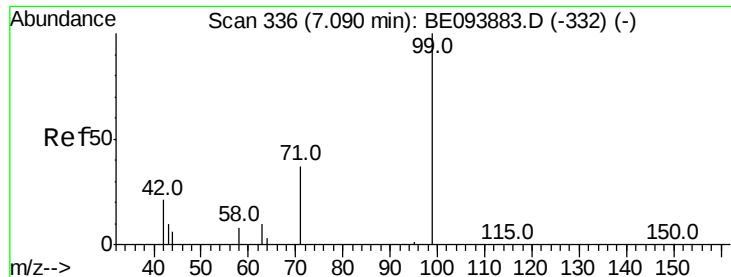


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.082 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

EB-2017-08-26

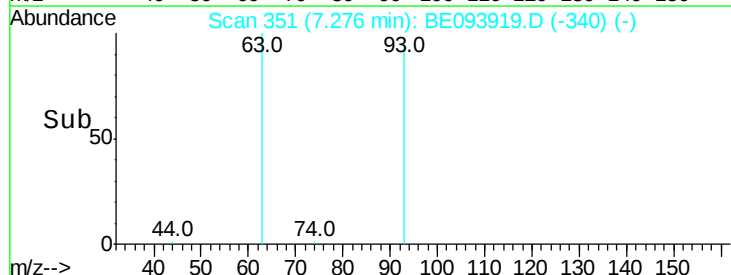
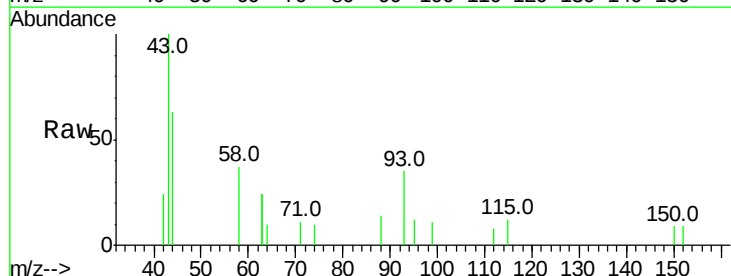
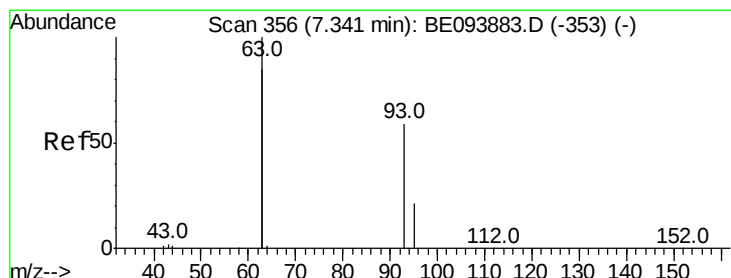
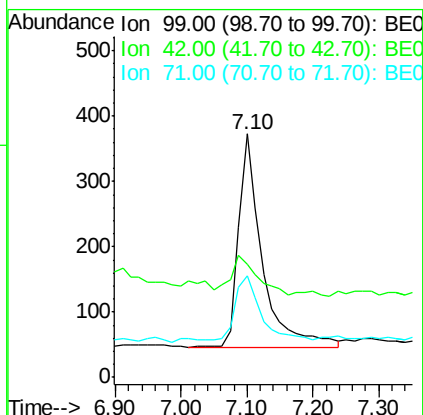
Tot Ion: 99 Resp: 837

Ion Ratio Lower Upper

99 100

42 18.2 17.1 25.7

71 31.5 26.6 39.8



#6

bis(2-Chloroethyl)ether

Concen: 0.095 ng

RT: 7.28 min Scan# 351

Delta R.T. -0.07 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

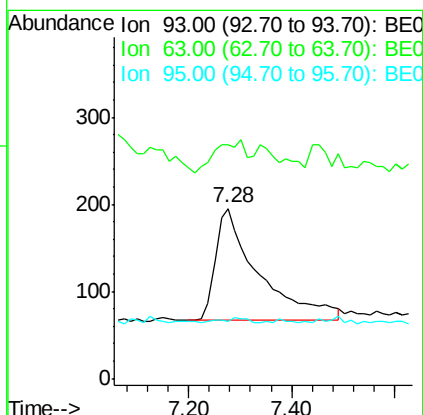
Tgt Ion: 93 Resp: 742

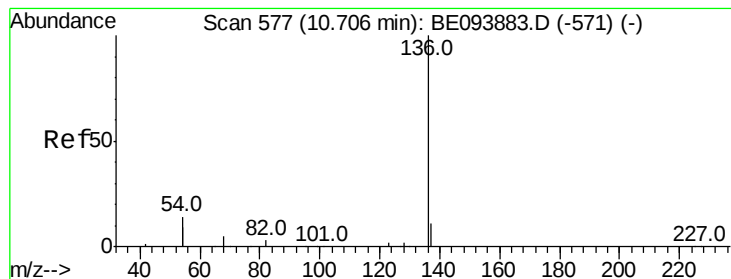
Ion Ratio Lower Upper

93 100

63 0.0 283.4 425.2#

95 0.0 26.9 40.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

EB-2017-08-26

Tot Ion:136 Resp: 10909

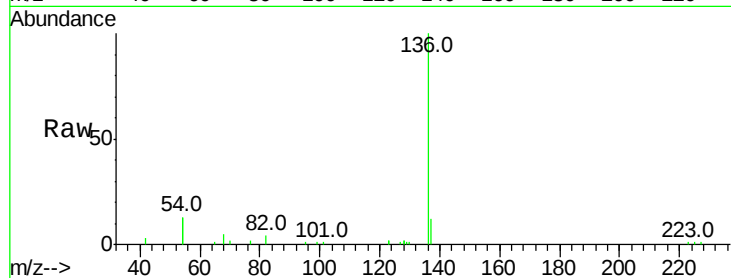
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 25.5 21.9 32.9

68 5.5 4.6 7.0

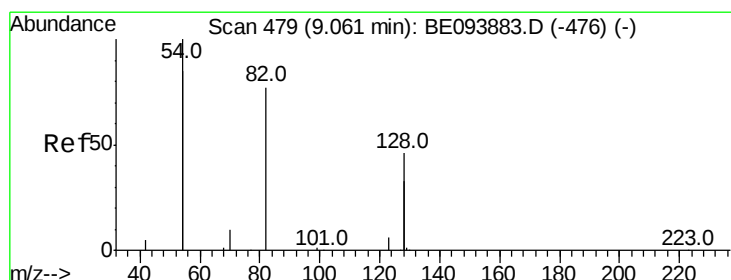
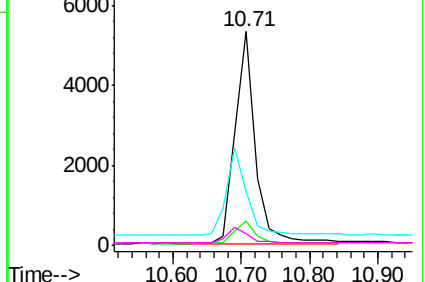
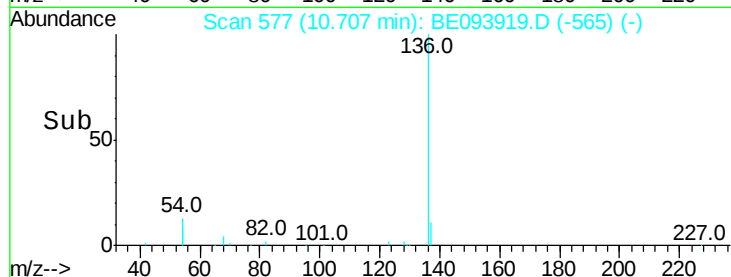


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

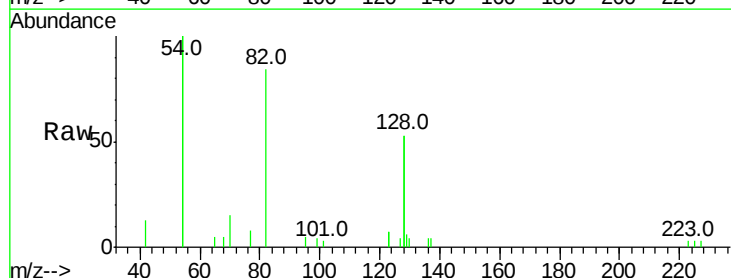
Tgt Ion: 82 Resp: 2630

Ion Ratio Lower Upper

82 100

128 125.6 91.4 137.0

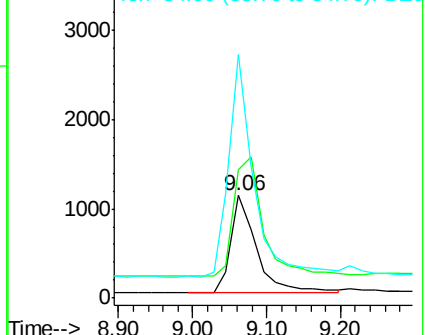
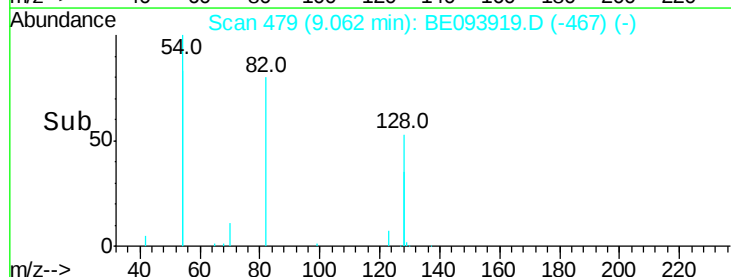
54 237.6 197.8 296.8

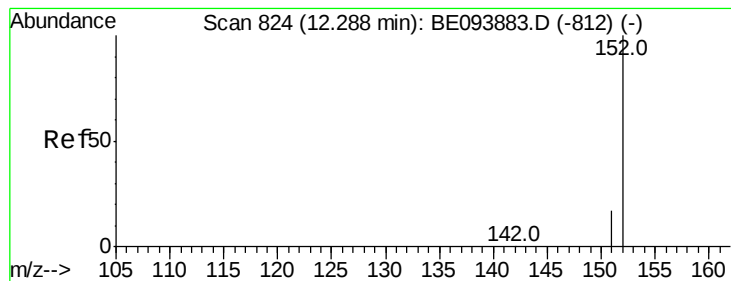


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.259 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

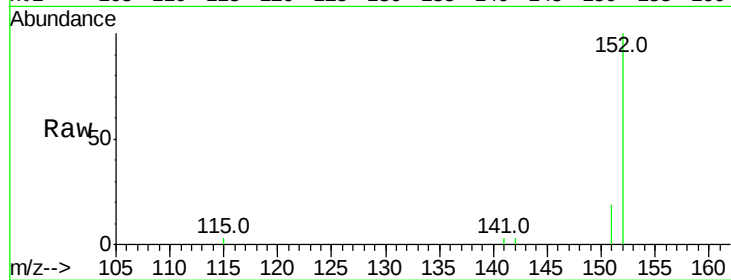
EB-2017-08-26

Tot Ion:152 Resp: 4476

Ion Ratio Lower Upper

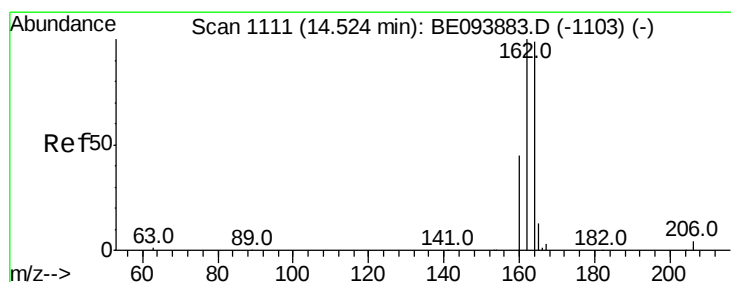
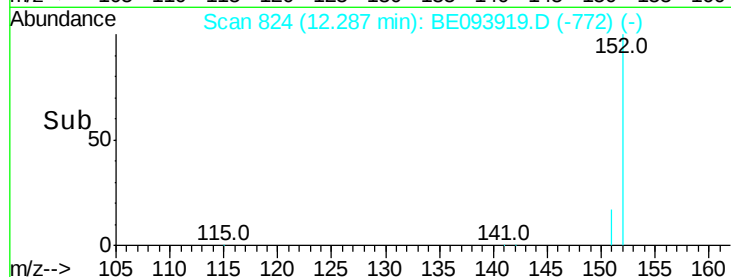
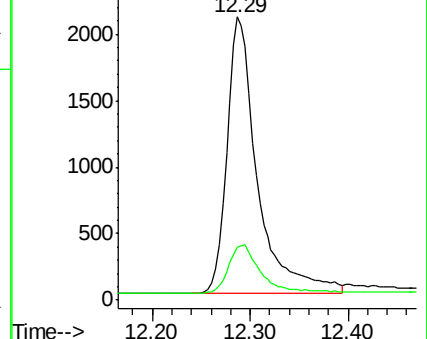
152 100

151 19.4 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: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

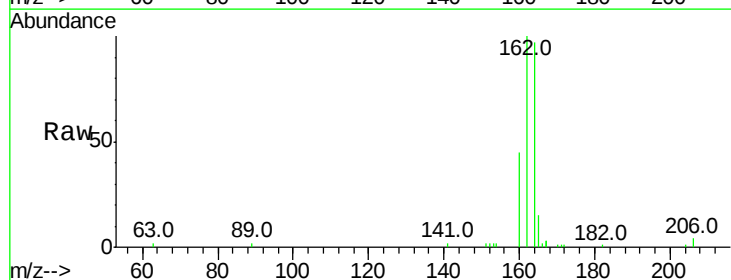
Tgt Ion:164 Resp: 6271

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

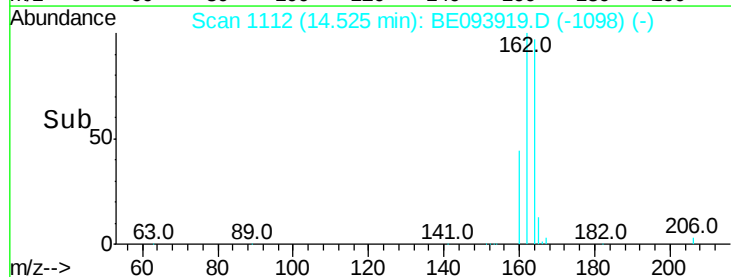
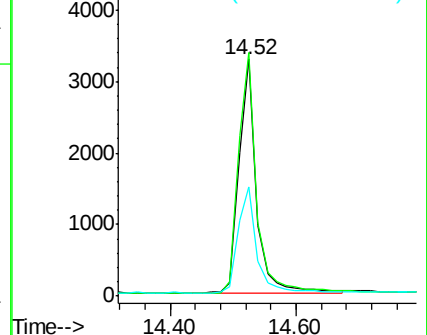
160 46.3 37.0 55.4

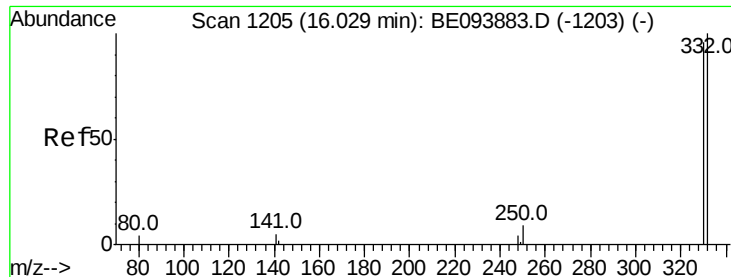


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.209 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

EB-2017-08-26

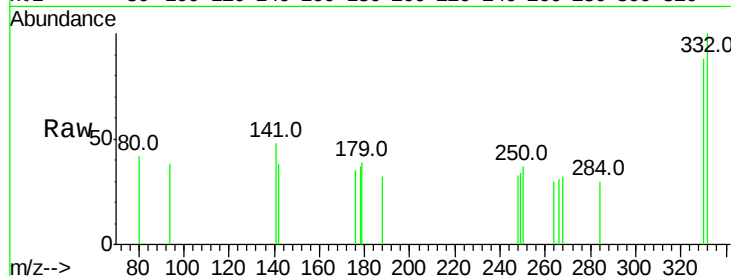
Tot Ion:330 Resp: 352

Ion Ratio Lower Upper

330 100

332 98.9 76.9 115.3

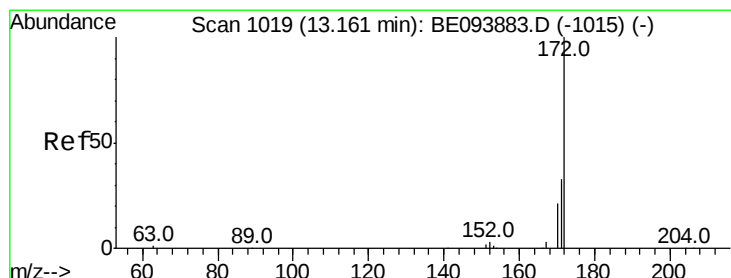
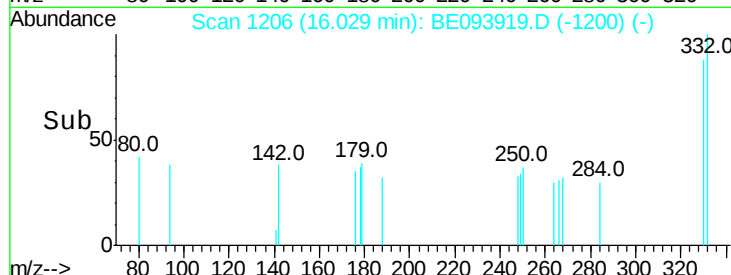
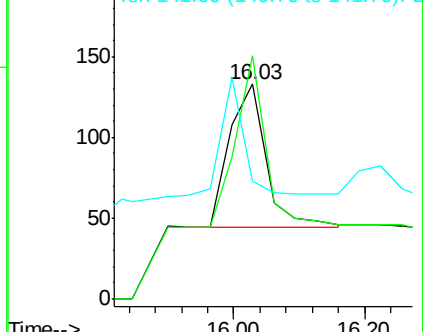
141 0.0 0.0 0.0



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: 0.268 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

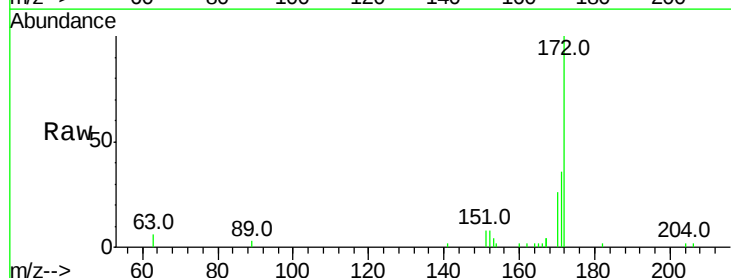
Tgt Ion:172 Resp: 6695

Ion Ratio Lower Upper

172 100

171 36.2 26.9 40.3

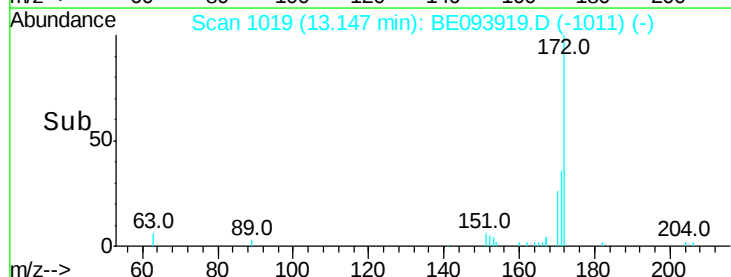
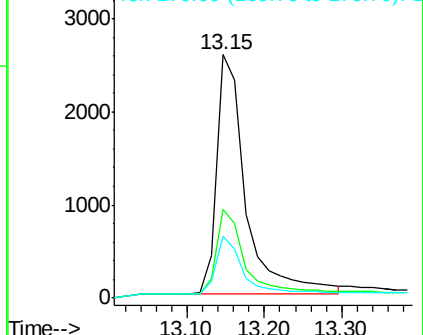
170 25.7 17.3 25.9

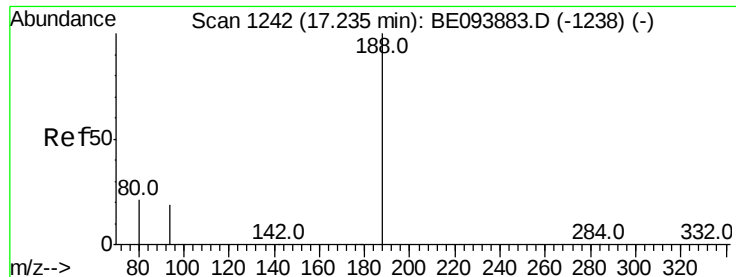


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

EB-2017-08-26

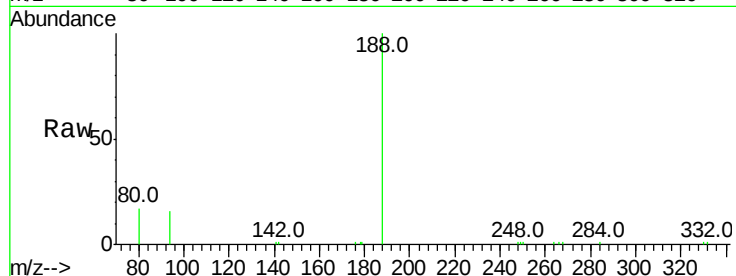
Tot Ion:188 Resp: 14543

Ion Ratio Lower Upper

188 100

94 15.8 16.1 24.1#

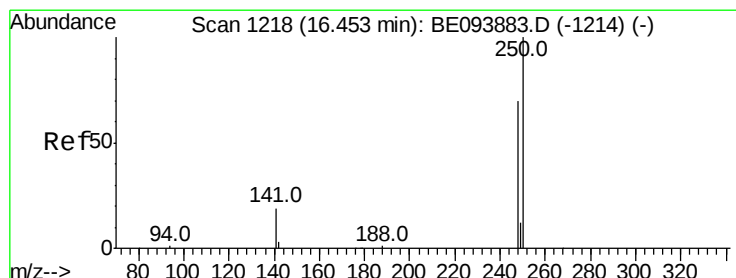
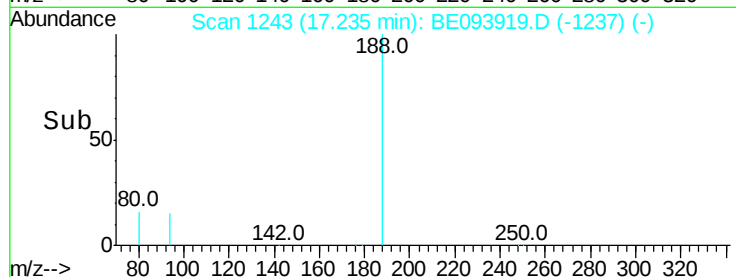
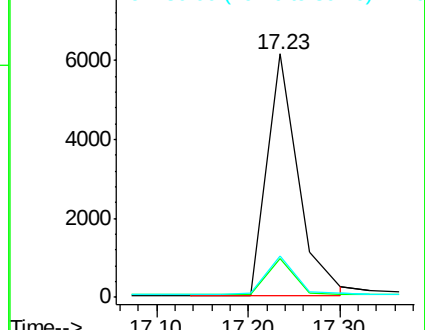
80 17.2 18.2 27.2#



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: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

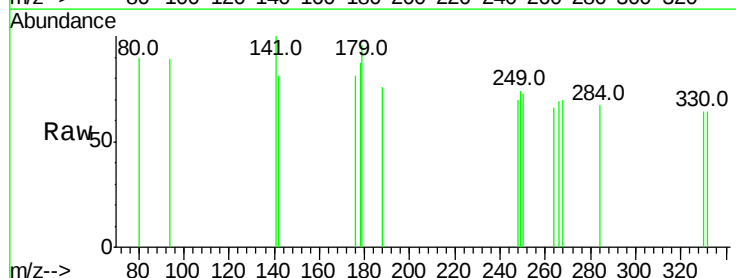
Tgt Ion:248 Resp: 18

Ion Ratio Lower Upper

248 100

250 104.1 111.8 167.8#

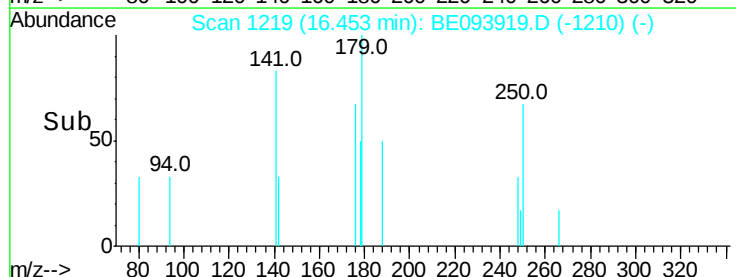
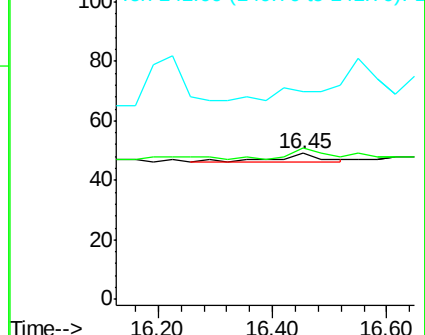
141 142.9 27.1 40.7#

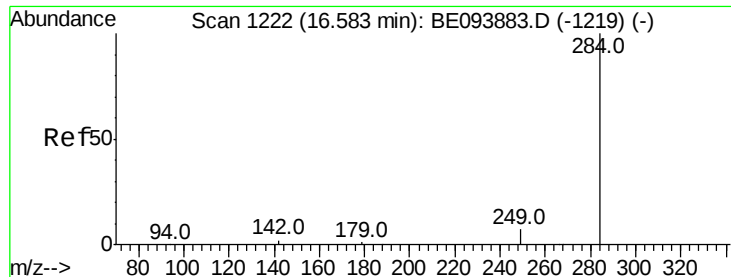


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

Instrument :

BNA_E

ClientSampleId :

EB-2017-08-26

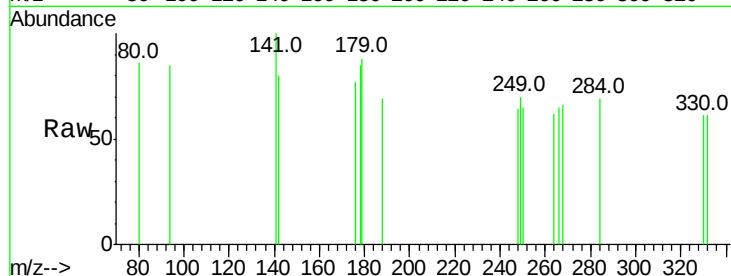
Tot Ion:284 Resp: 14

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

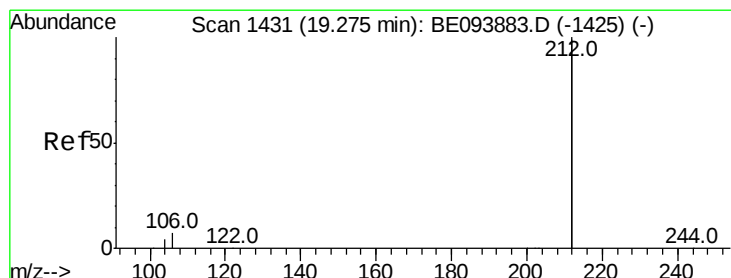
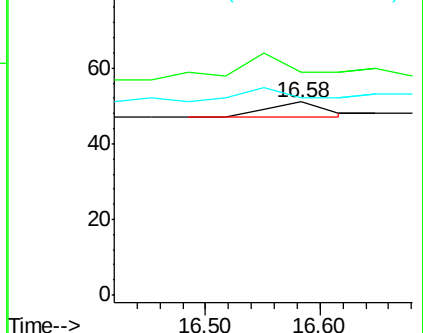
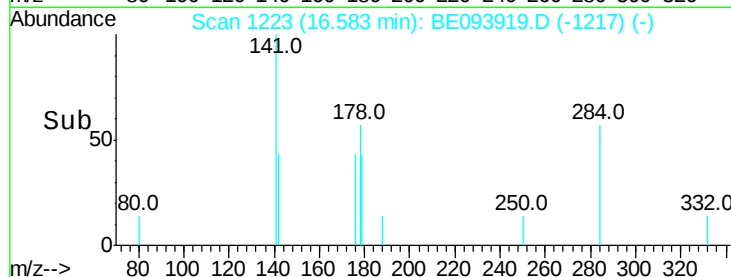
249 0.0 0.0 0.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093919.D

Acq: 2 Sep 2017 1:36

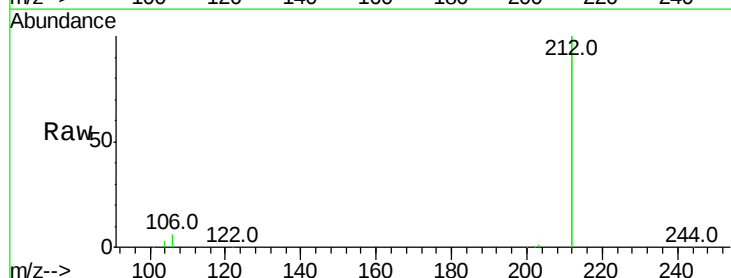
Tgt Ion:212 Resp: 54326

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

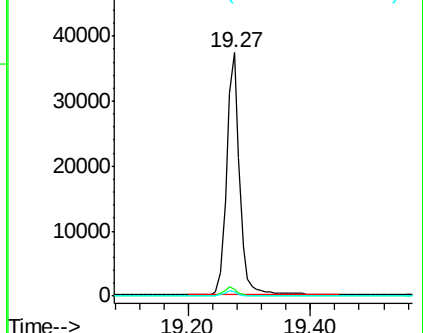
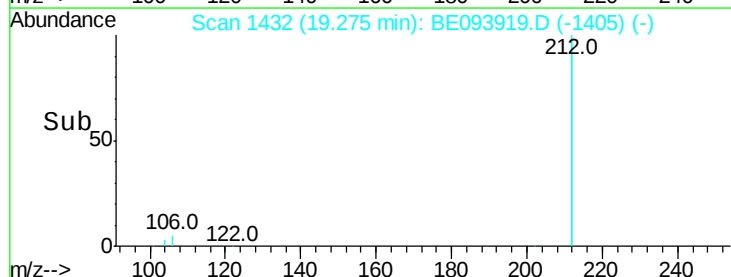
104 2.0 1.6 2.4

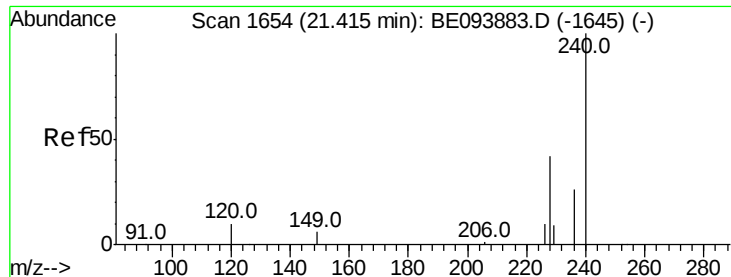


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

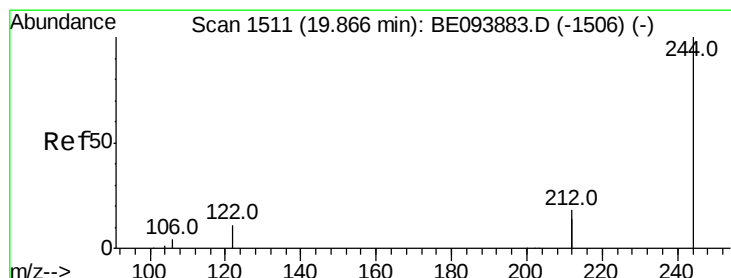
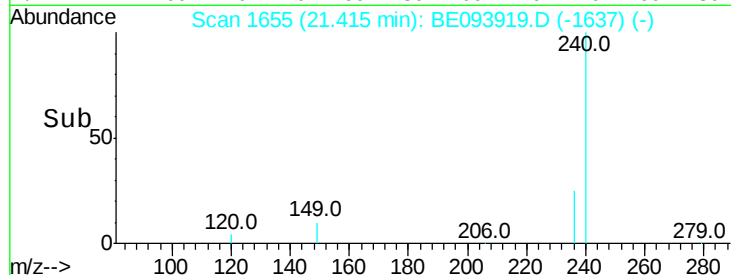
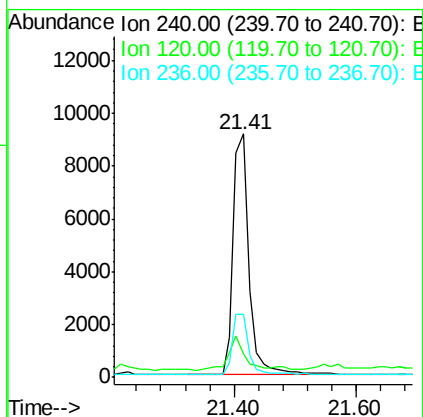
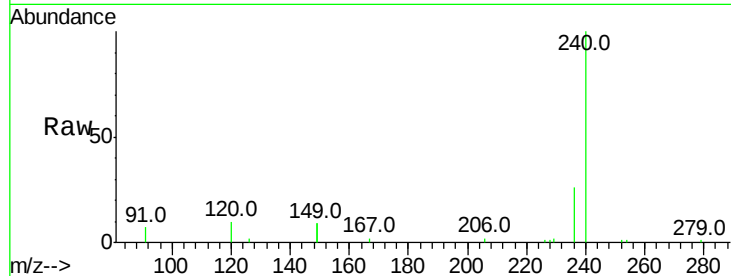




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BE093919.D
 Acq: 2 Sep 2017 1:36

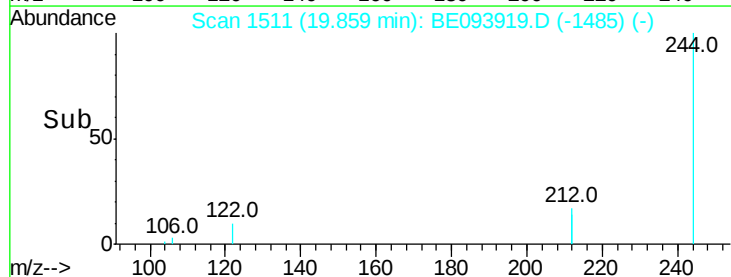
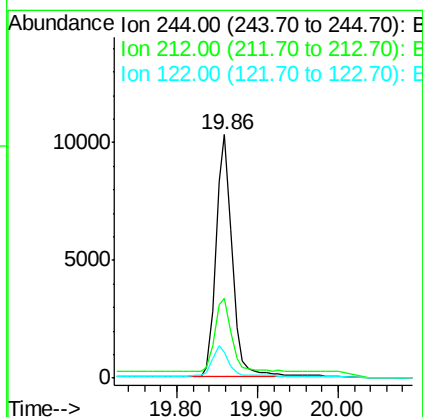
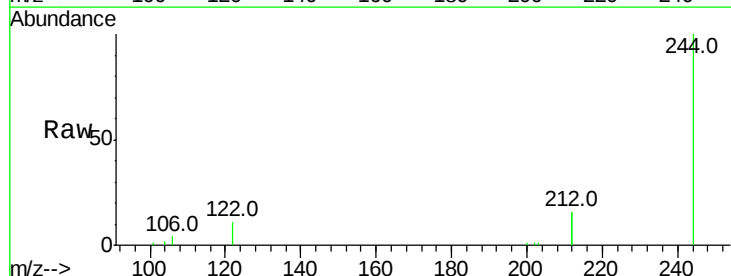
Instrument :
 BNA_E
 ClientSampleId :
 EB-2017-08-26

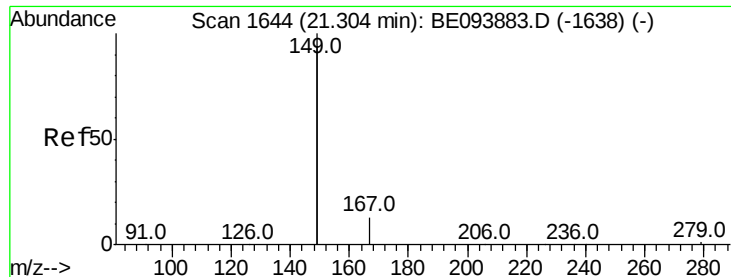
Tot Ion:240 Resp: 16473
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.7 13.1
 236 25.8 21.3 31.9



#29
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093919.D
 Acq: 2 Sep 2017 1:36

Tgt Ion:244 Resp: 14357
 Ion Ratio Lower Upper
 244 100
 212 32.9 28.3 42.5
 122 10.7 9.4 14.0

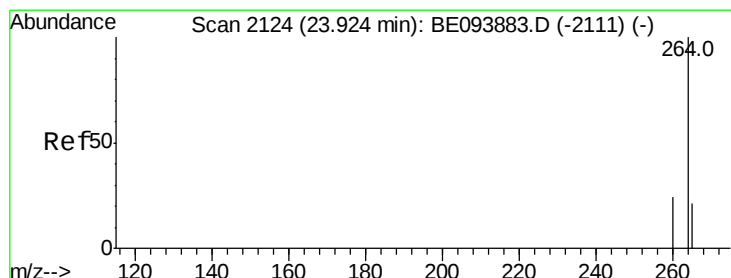
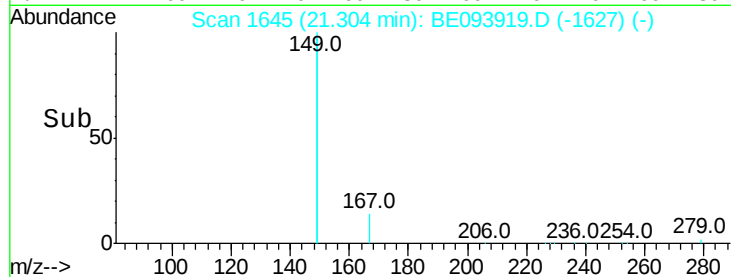
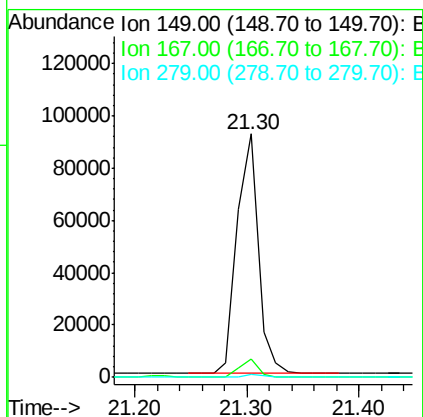
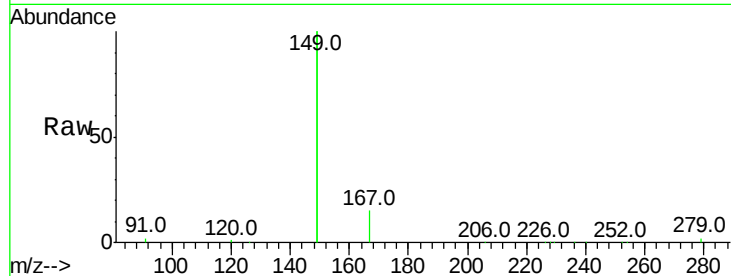




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.166 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE093919.D
 Acq: 2 Sep 2017 1:36

Instrument :
 BNA_E
 ClientSampleId :
 EB-2017-08-26

Tot Ion:149 Resp: 120238
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 0.9 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BE093919.D
 Acq: 2 Sep 2017 1:36

Tgt Ion:264 Resp: 14267
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 29.5 24.0 36.0

