

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093967.D
 Acq On : 11 Sep 2017 17:44
 Operator : SJ/JU
 Sample : I5167-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043061

Quant Time: Sep 12 07:42:58 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

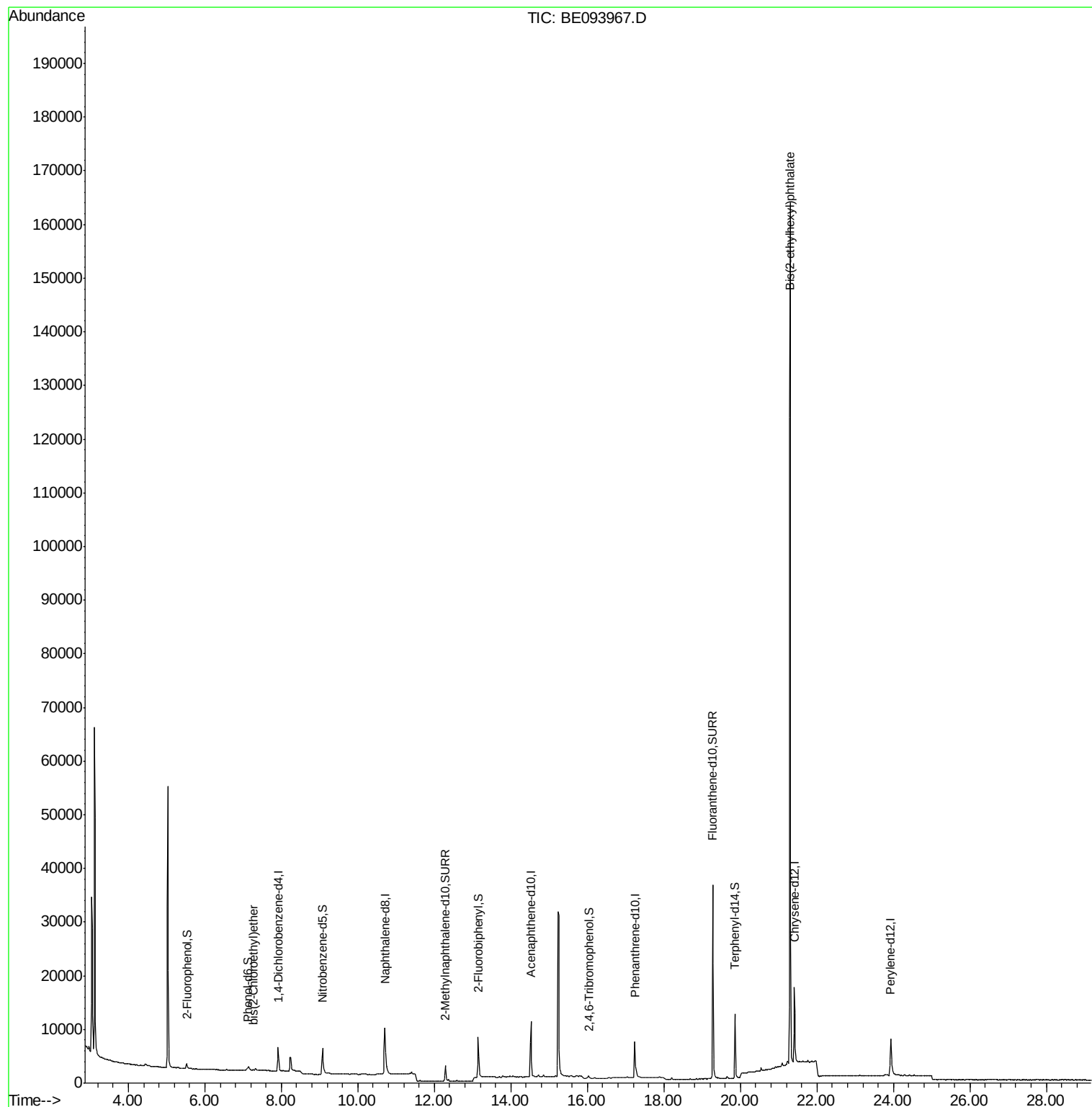
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2320	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11815	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6985	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13344	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	17155	0.40	ng	-0.01
34) Perylene-d12	23.93	264	13932	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	724	0.10	ng	0.00
5) Phenol-d6	7.12	99	616	0.05	ng	0.00
8) Nitrobenzene-d5	9.08	82	2858	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5393	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	434	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8010	0.29	ng	-0.01
25) Fluoranthene-d10	19.28	212	56718	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	12056	0.38	ng	-0.02
Target Compounds						
6) bis(2-Chloroethyl)ether	7.28	93	350	0.038	ng	Qvalue # 1
20) 4-Bromophenyl-phenylether	16.39	248	2	Below Cal	#	35
23) Phenanthrene	17.30	178	432	Below Cal	#	58
32) Bis(2-ethylhexyl)phthalate	21.30	149	202388	1.582	ng	100

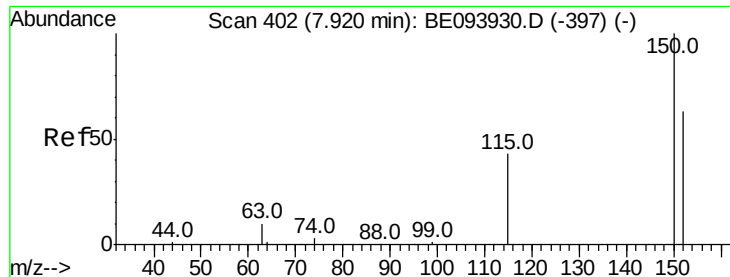
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
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BNA_E
ClientSampleId :
CPS043061

Quant Time: Sep 12 07:42:58 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



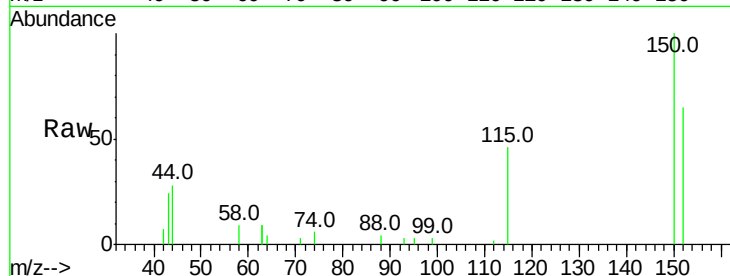


#1

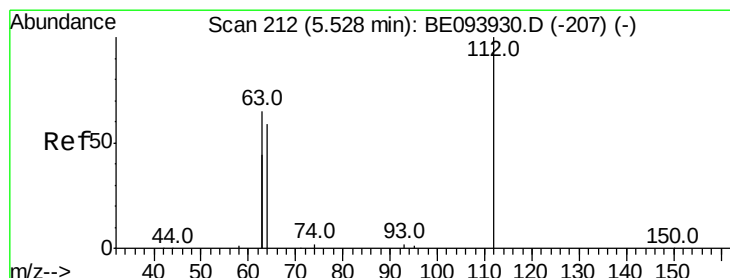
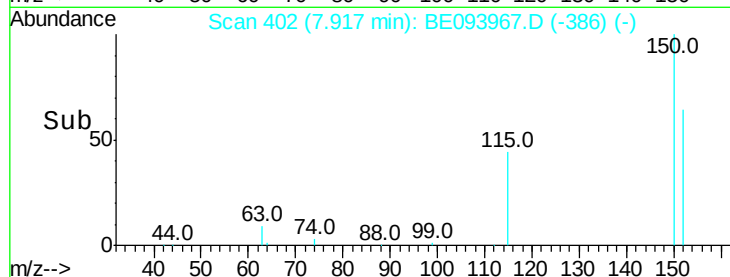
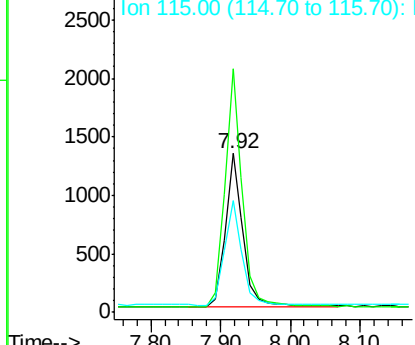
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093967.D
Acq: 11 Sep 2017 17:44

Instrument :
BNA_E
ClientSampled :
CPS043061

Tot Ion:152 Resp: 2320
Ion Ratio Lower Upper
152 100
150 153.3 121.8 182.6
115 70.7 52.6 79.0



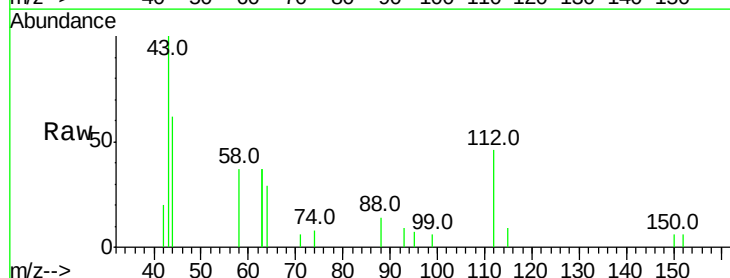
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



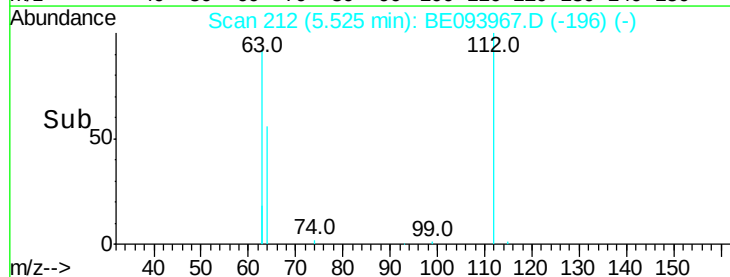
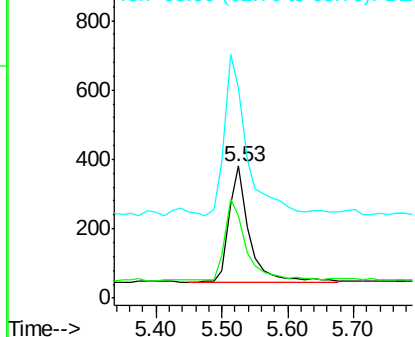
#4

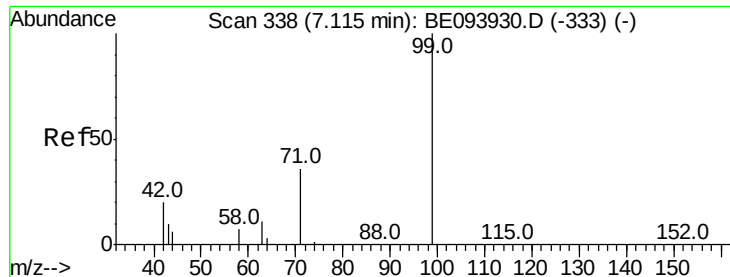
2-Fluorophenol
Concen: 0.096 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093967.D
Acq: 11 Sep 2017 17:44

Tgt Ion:112 Resp: 724
Ion Ratio Lower Upper
112 100
64 72.0 57.7 86.5
63 151.5 116.0 174.0



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: 0.055 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

CPS043061

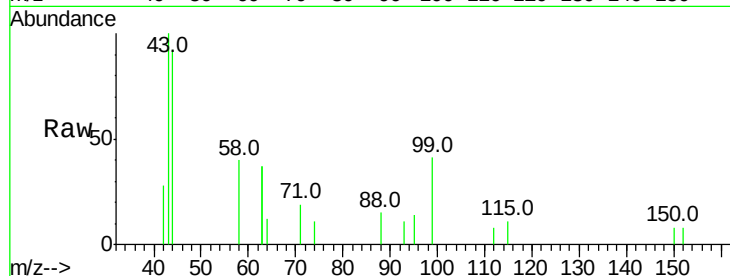
Tot Ion: 99 Resp: 616

Ion Ratio Lower Upper

99 100

42 25.3 17.1 25.7

71 43.3 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

7.12

300

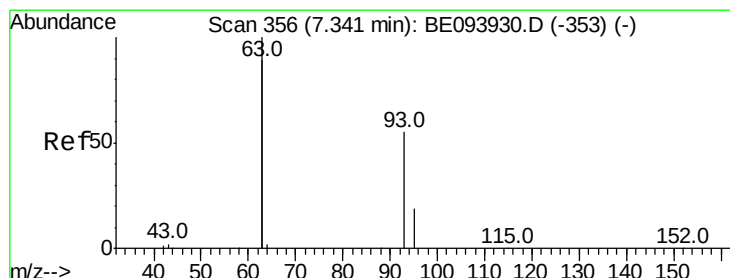
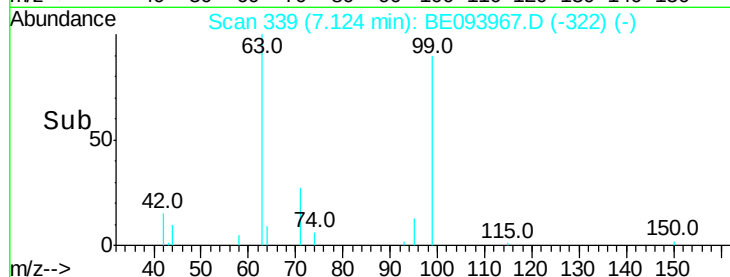
200

100

0

7.00 7.10 7.20 7.30

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.038 ng

RT: 7.28 min Scan# 351

Delta R.T. -0.07 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

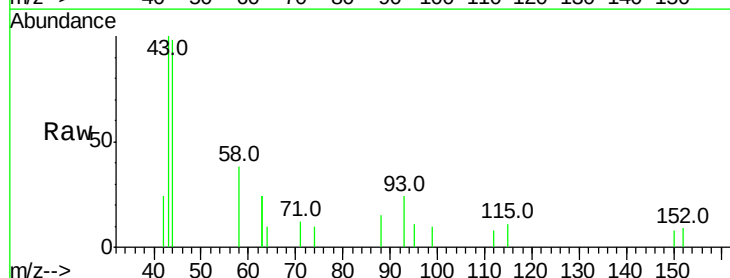
Tgt Ion: 93 Resp: 350

Ion Ratio Lower Upper

93 100

63 28.6 283.4 425.2#

95 0.0 26.9 40.3#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

800

600

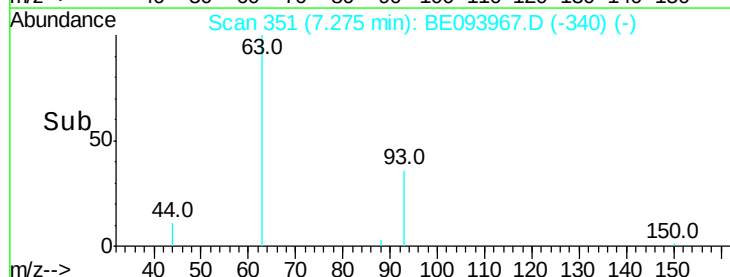
400

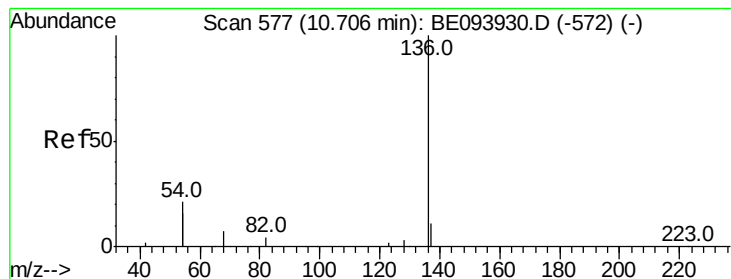
200

0

7.20 7.30 7.40 7.50

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

CPS043061

Tot Ion:136 Resp: 11815

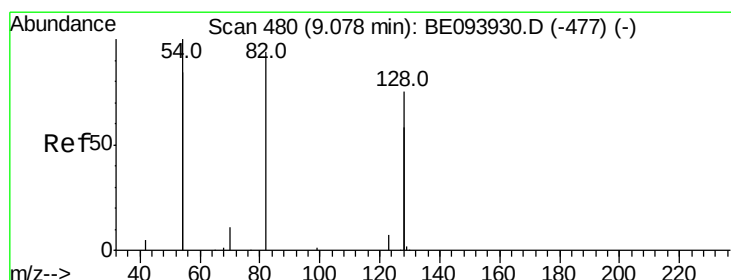
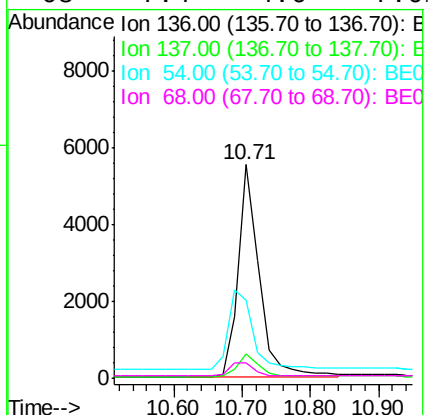
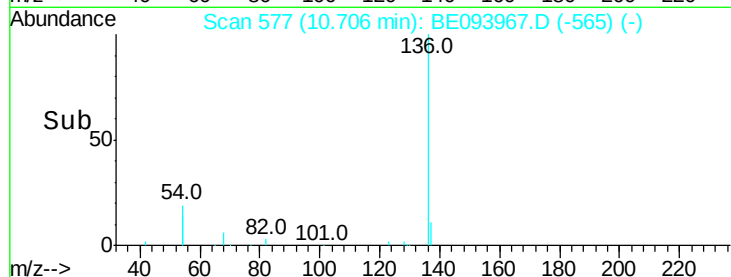
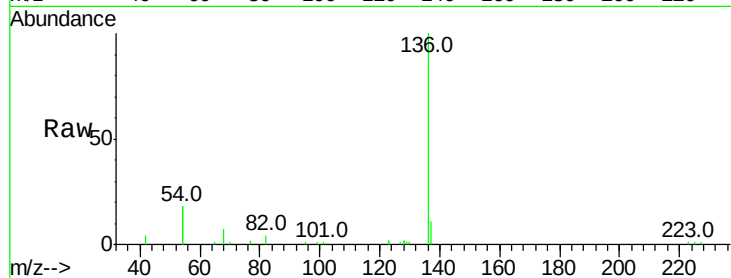
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 36.7 21.9 32.9#

68 7.4 4.6 7.0#



#8

Nitrobenzene-d5

Concen: 0.286 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

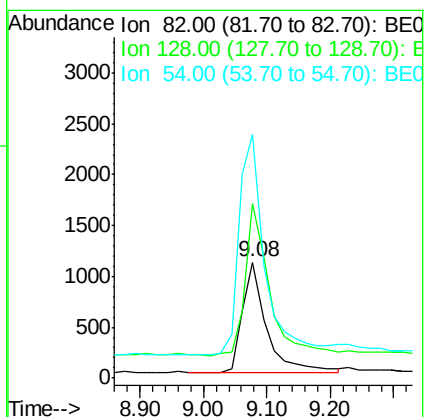
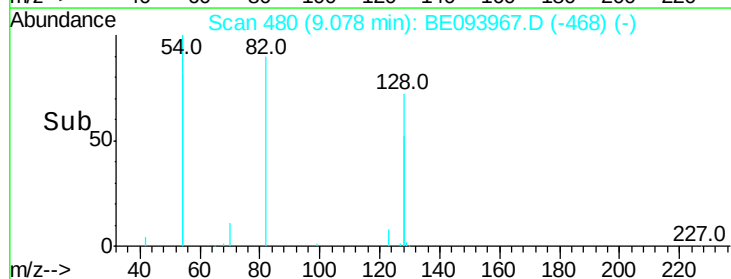
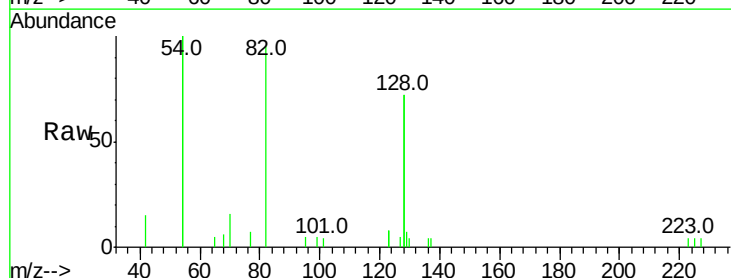
Tgt Ion: 82 Resp: 2858

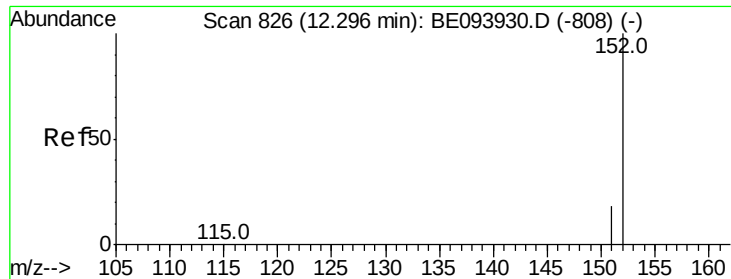
Ion Ratio Lower Upper

82 100

128 150.1 91.4 137.0#

54 209.6 197.8 296.8





#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

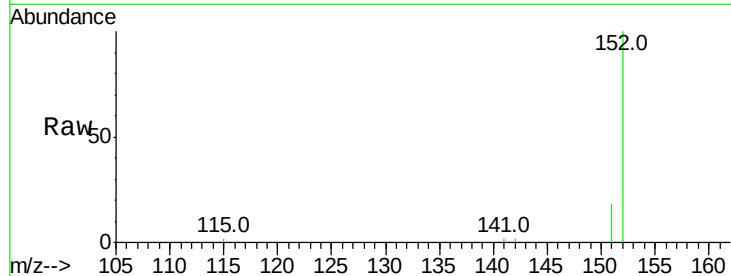
CPS043061

Tot Ion:152 Resp: 5393

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

2500

2000

1500

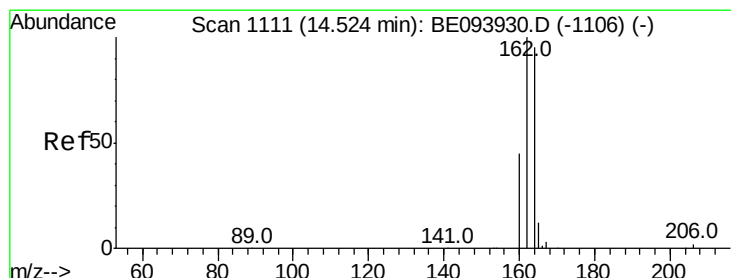
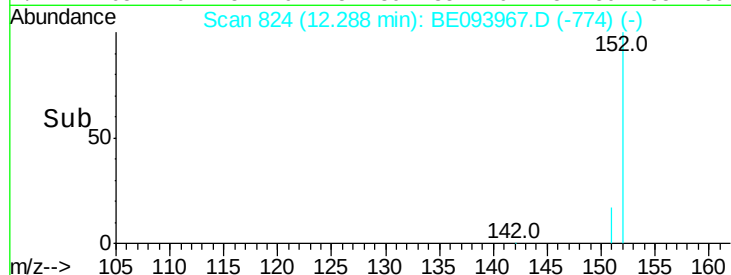
1000

500

0

Time-->

12.20 12.30 12.40 12.50



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

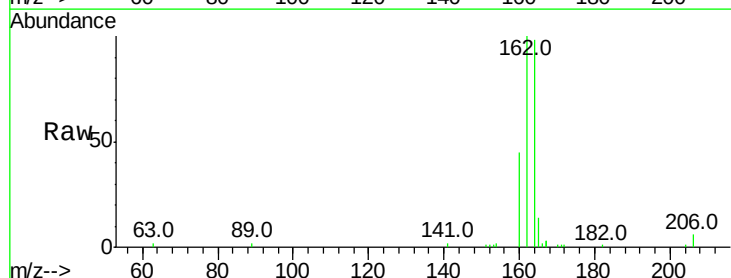
Tgt Ion:164 Resp: 6985

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

160 46.1 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

14.53

5000

4000

3000

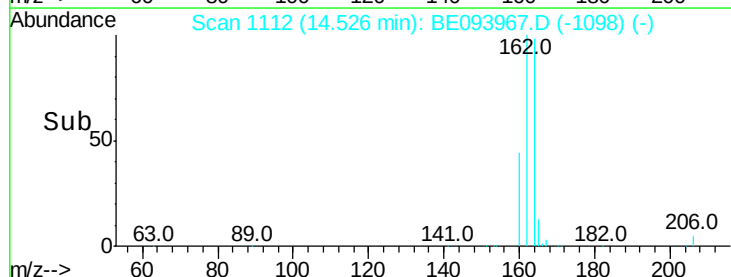
2000

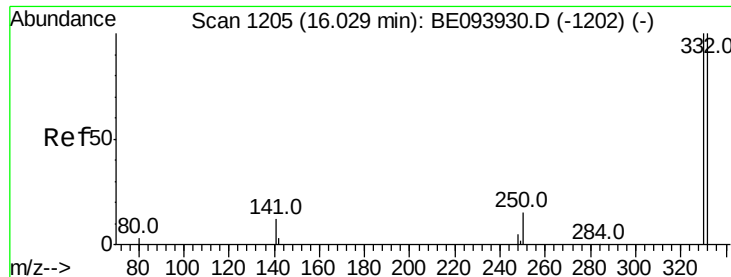
1000

0

Time-->

14.40 14.60





#14

2,4,6-Tribromophenol

Concen: 0.201 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

CPS043061

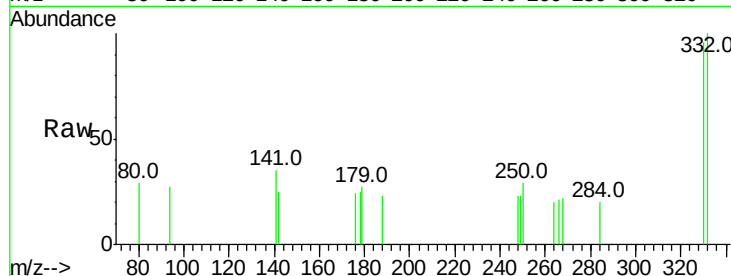
Tot Ion:330 Resp: 434

Ion Ratio Lower Upper

330 100

332 104.1 76.9 115.3

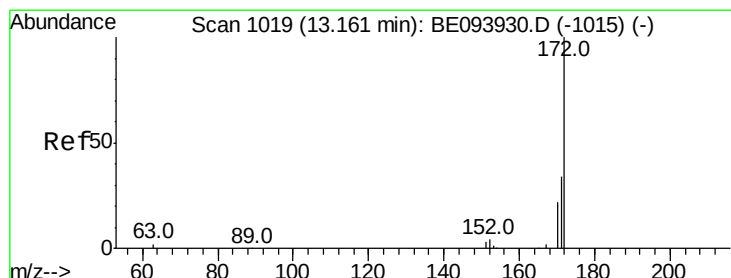
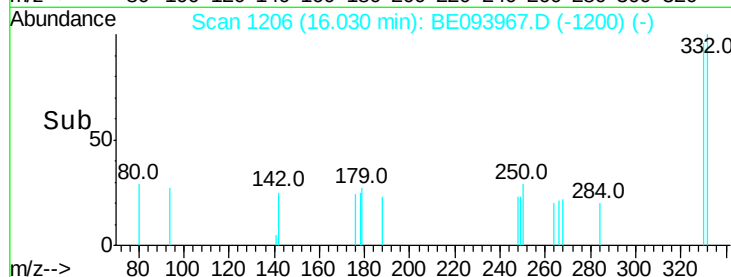
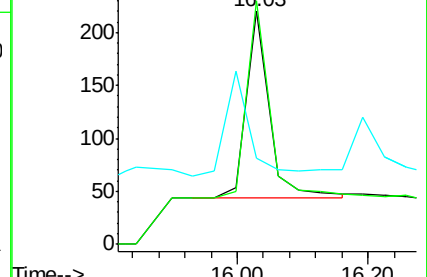
141 0.0 0.0 0.0



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: 0.290 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

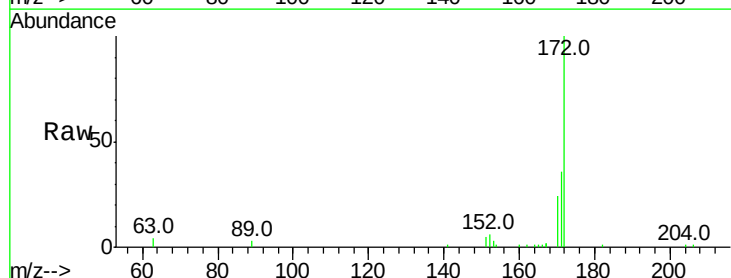
Tgt Ion:172 Resp: 8010

Ion Ratio Lower Upper

172 100

171 35.9 26.9 40.3

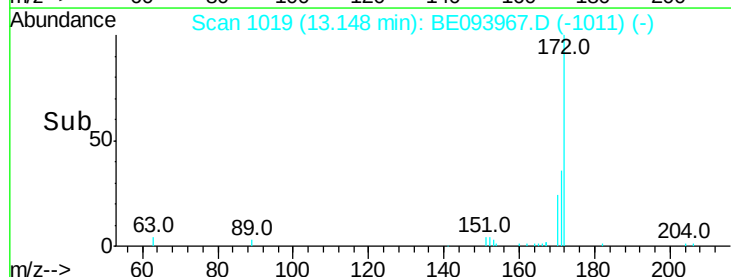
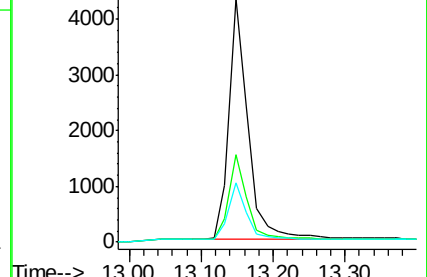
170 24.1 17.3 25.9

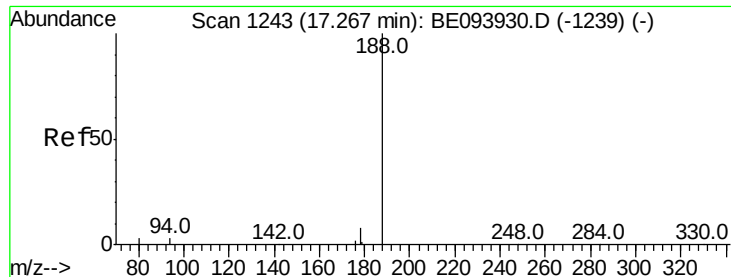


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

CPS043061

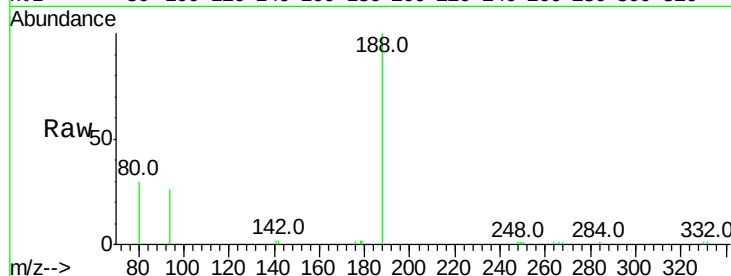
Tot Ion:188 Resp: 13344

Ion Ratio Lower Upper

188 100

94 26.0 16.1 24.1#

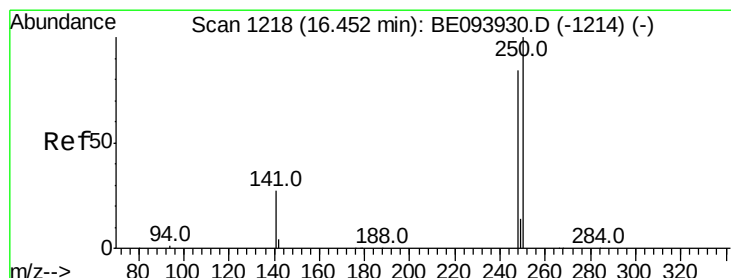
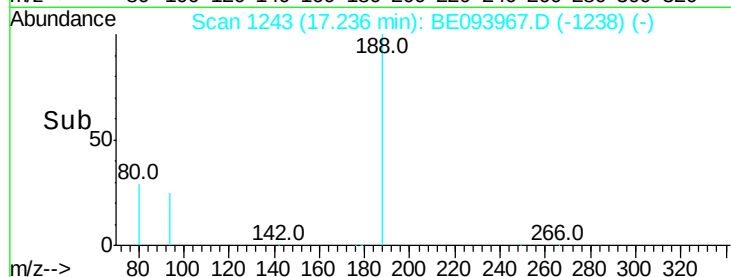
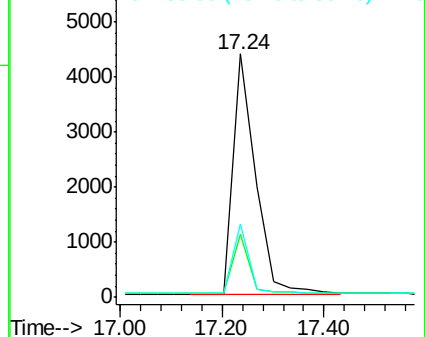
80 29.9 18.2 27.2#



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: BE093967.D

Acq: 11 Sep 2017 17:44

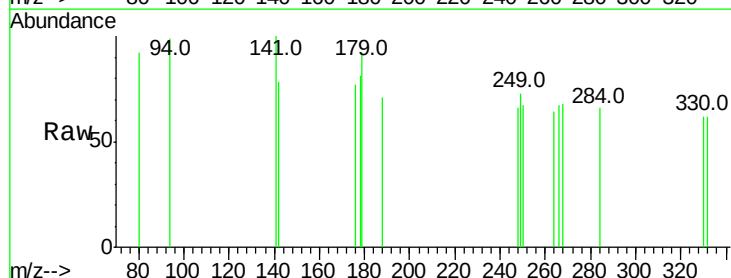
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 102.1 111.8 167.8#

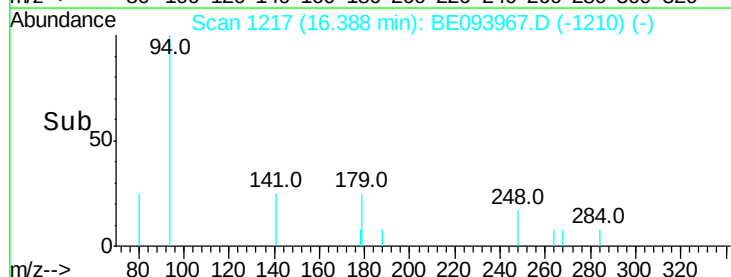
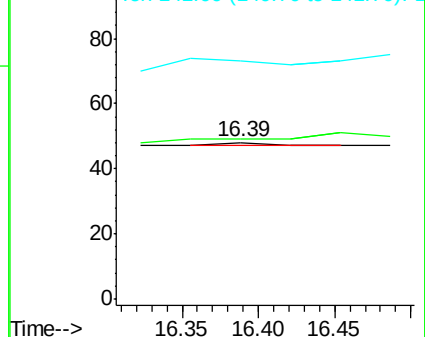
141 152.1 27.1 40.7#

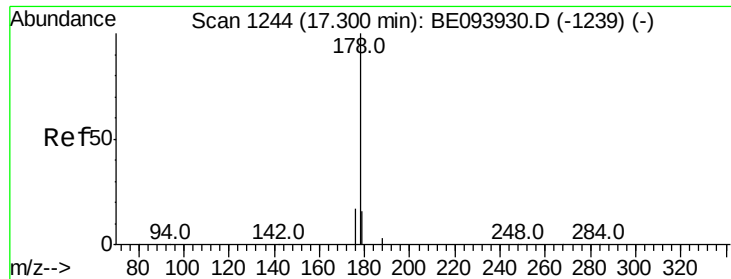


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

CPS043061

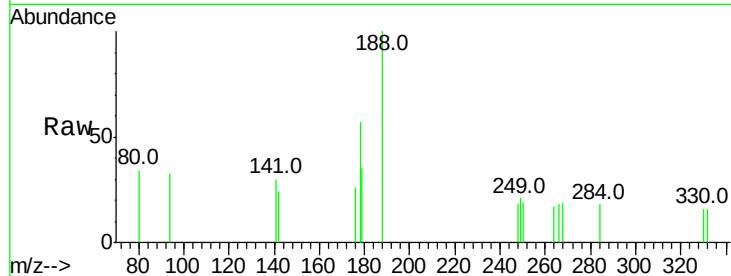
Tot Ion:178 Resp: 432

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

179 33.6 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.30

150

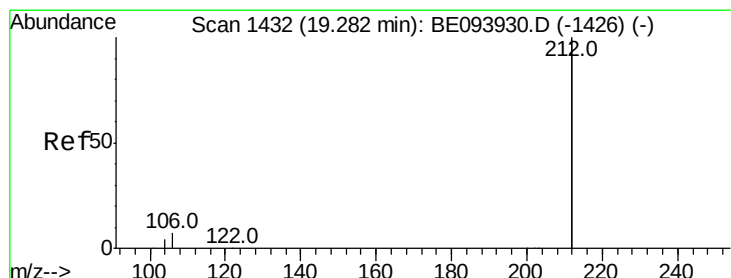
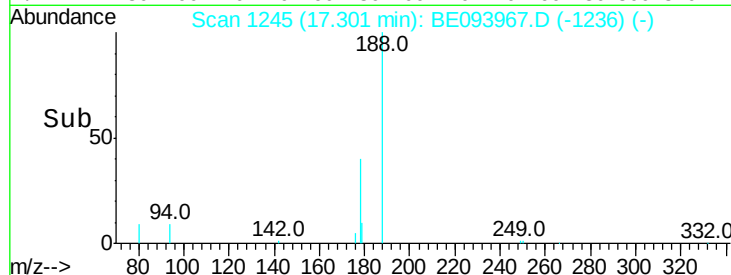
100

50

0

17.00 17.20 17.40

Time-->



#25

Fluoranthene-d10

Concen: 0.285 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

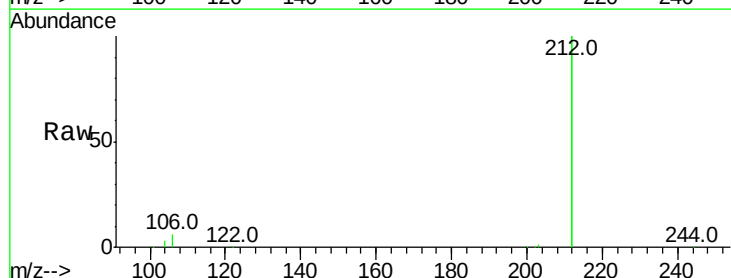
Tgt Ion:212 Resp: 56718

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

19.28

40000

30000

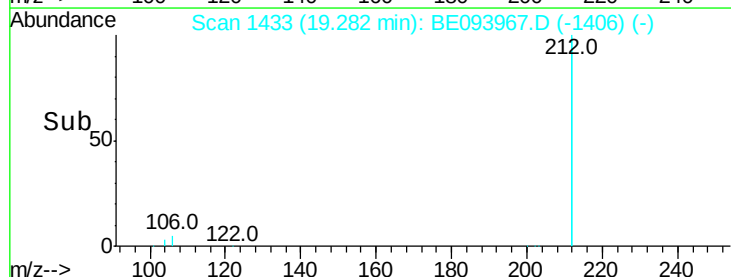
20000

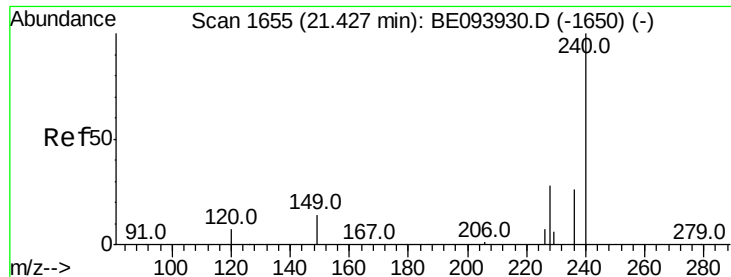
10000

0

19.20 19.30 19.40

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

Instrument :

BNA_E

ClientSampleId :

CPS043061

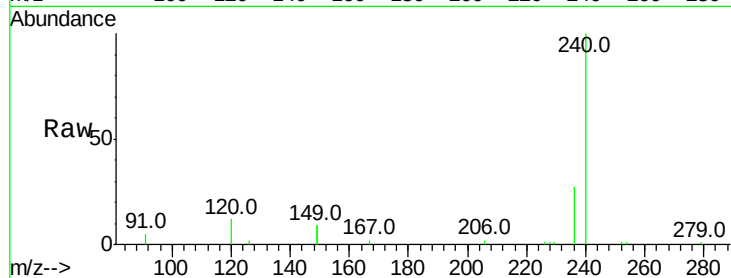
Tot Ion:240 Resp: 17155

Ion Ratio Lower Upper

240 100

120 12.5 8.7 13.1

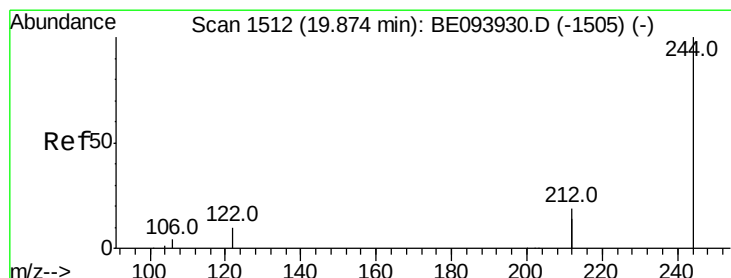
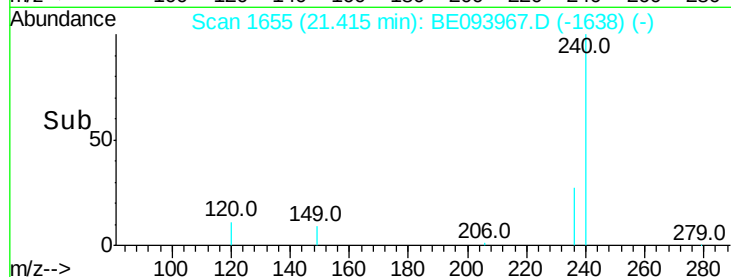
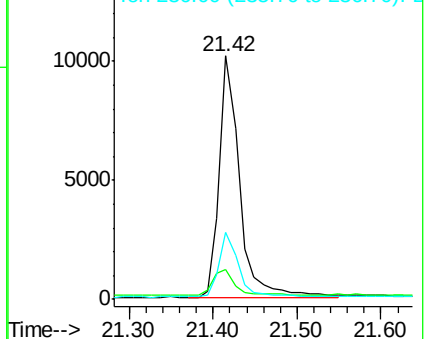
236 27.3 21.3 31.9



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: 0.382 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE093967.D

Acq: 11 Sep 2017 17:44

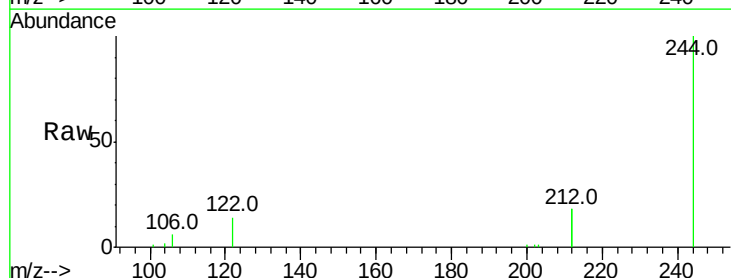
Tgt Ion:244 Resp: 12056

Ion Ratio Lower Upper

244 100

212 35.6 28.3 42.5

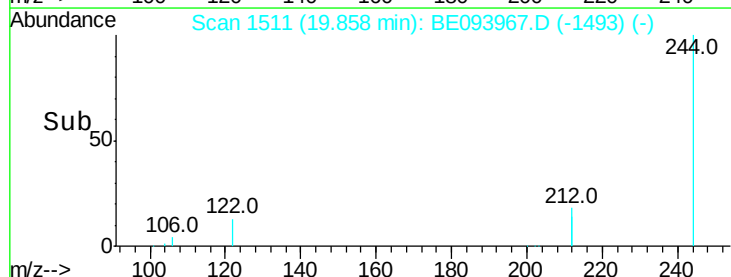
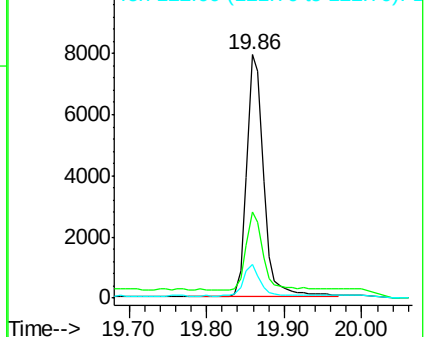
122 13.9 9.4 14.0

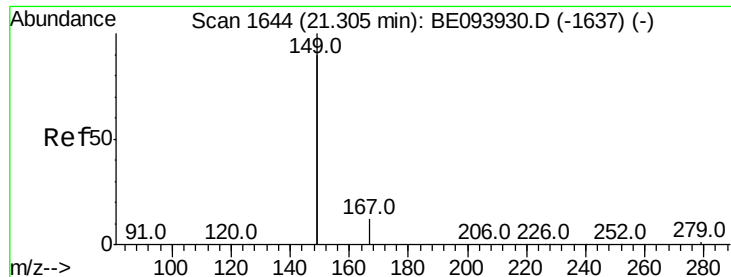


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

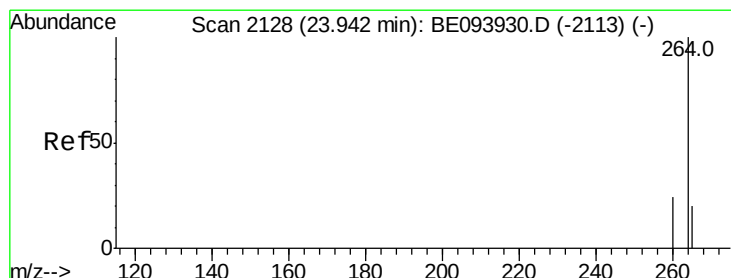
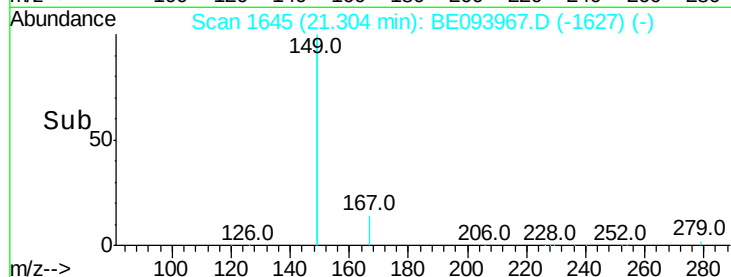
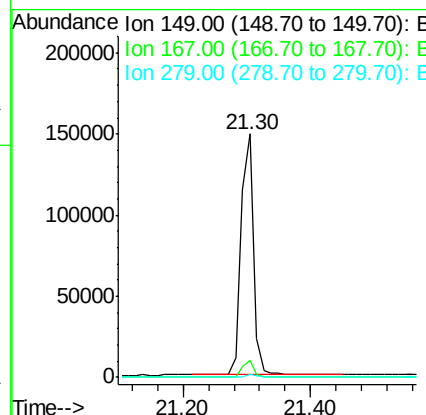
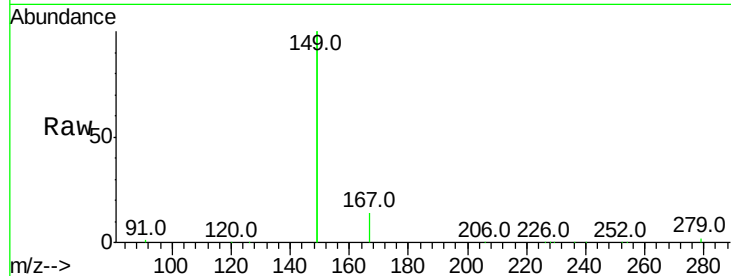




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.582 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE093967.D
 Acq: 11 Sep 2017 17:44

Instrument :
 BNA_E
 ClientSampleId :
 CPS043061

Tot Ion:149 Resp: 202388
 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: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093967.D
 Acq: 11 Sep 2017 17:44

Tgt Ion:264 Resp: 13932
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 31.8 24.0 36.0

