

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093968.D
 Acq On : 11 Sep 2017 18:23
 Operator : SJ/JU
 Sample : I5167-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043065

Quant Time: Sep 12 07:43:11 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

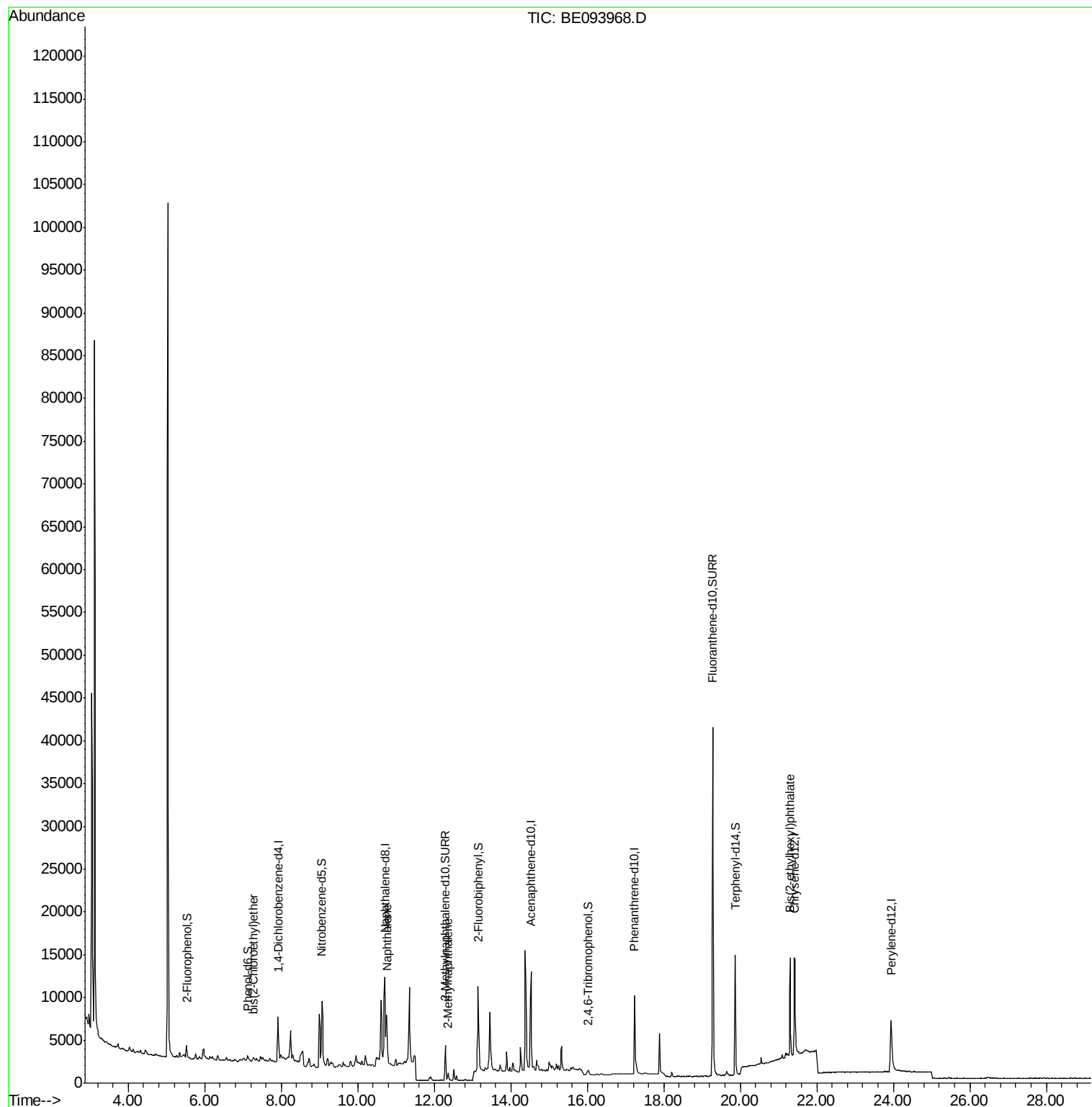
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2553	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14169	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7712	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16331	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	17750	0.40	ng	0.00
34) Perylene-d12	23.94	264	13805	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	940	0.11	ng	0.00
5) Phenol-d6	7.11	99	832	0.07	ng	0.00
8) Nitrobenzene-d5	9.06	82	3298	0.28	ng	-0.02
11) 2-Methylnaphthalene-d10	12.29	152	6056	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	587	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9190	0.30	ng	-0.01
25) Fluoranthene-d10	19.28	212	60872	0.25	ng	0.00
29) Terphenyl-d14	19.87	244	14521	0.44	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.27	93	252	0.025	ng	# 1
9) Naphthalene	10.76	128	6218	0.038	ng	# 96
12) 2-Methylnaphthalene	12.36	142	612	0.023	ng	# 90
20) 4-Bromophenyl-phenylether	16.36	248	4	Below Cal	#	16
23) Phenanthrene	17.30	178	477	Below Cal	#	80
32) Bis(2-ethylhexyl)phthalate	21.30	149	14520	0.110	ng	# 99

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

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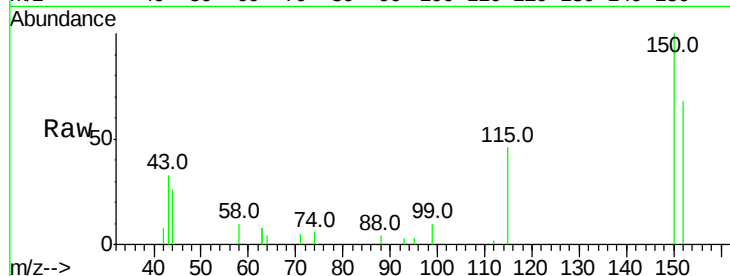


#1

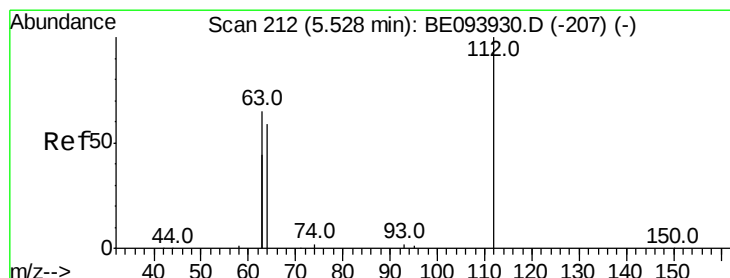
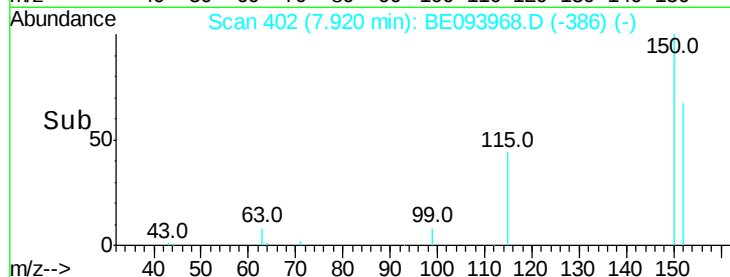
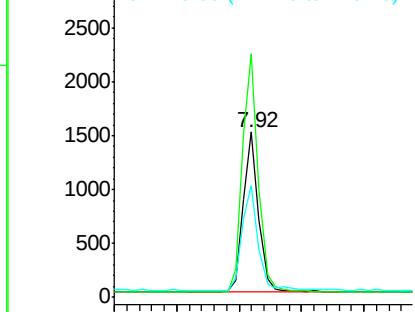
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

Instrument :
BNA_E
ClientSampleId :
CPS043065

Tot Ion:152 Resp: 2553
Ion Ratio Lower Upper
152 100
150 147.2 121.8 182.6
115 67.4 52.6 79.0



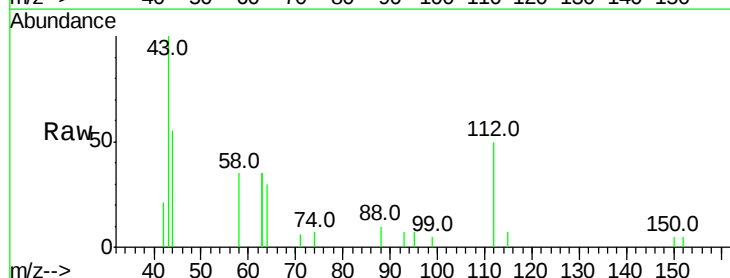
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



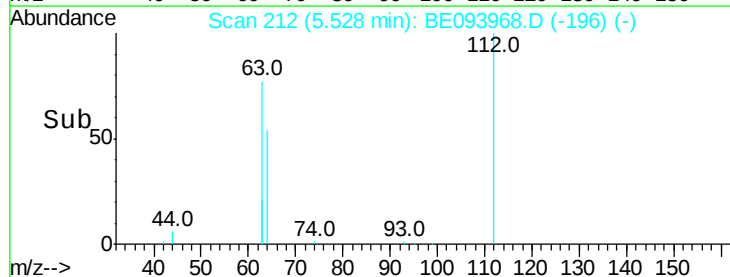
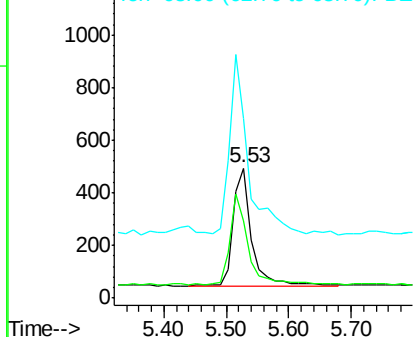
#4

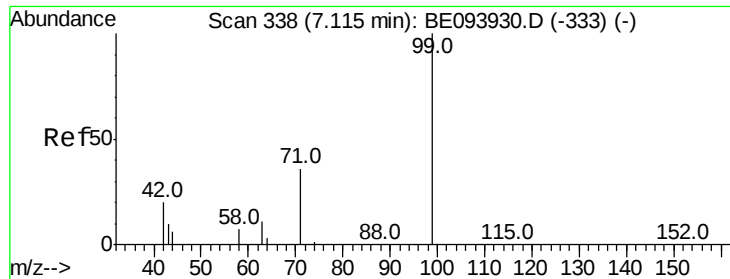
2-Fluorophenol
Concen: 0.114 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

Tgt Ion:112 Resp: 940
Ion Ratio Lower Upper
112 100
64 73.7 57.7 86.5
63 154.9 116.0 174.0



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: 0.067 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

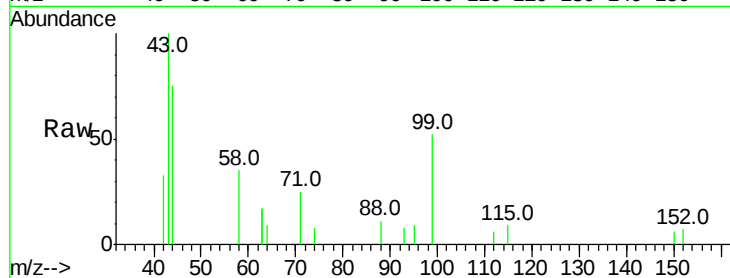
Tot Ion: 99 Resp: 832

Ion Ratio Lower Upper

99 100

42 37.5 17.1 25.7#

71 29.9 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

7.11

400

300

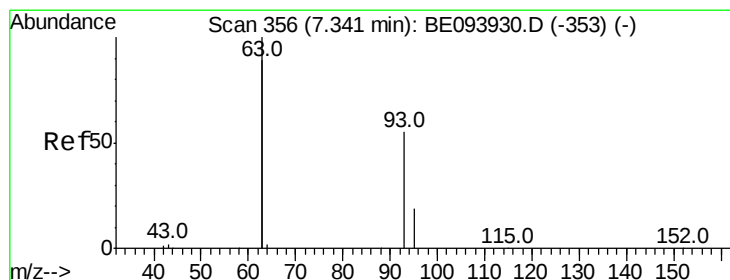
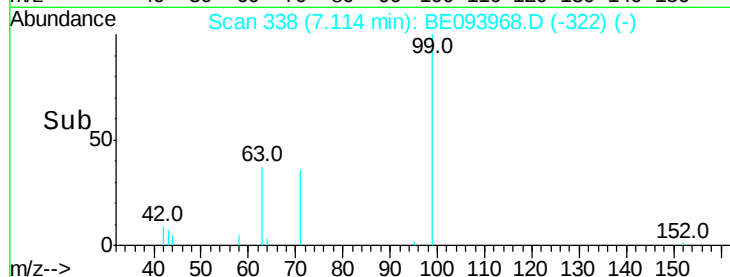
200

100

0

7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.27 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

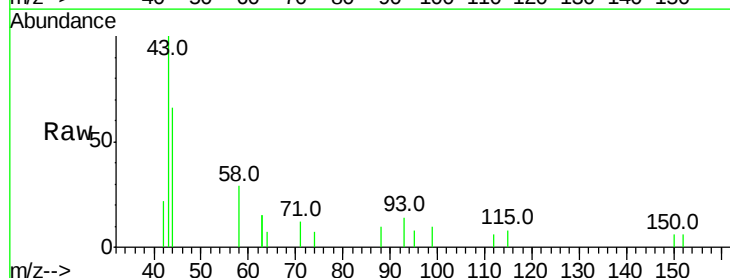
Tgt Ion: 93 Resp: 252

Ion Ratio Lower Upper

93 100

63 25.0 283.4 425.2#

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

7.27

400

300

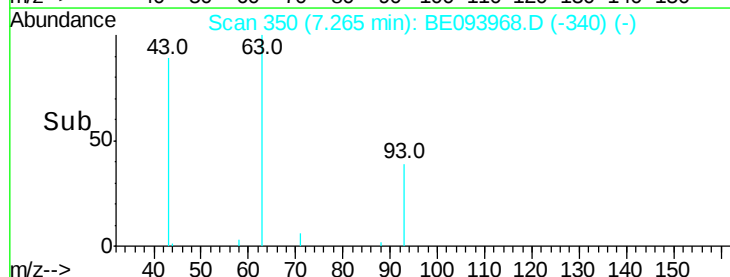
200

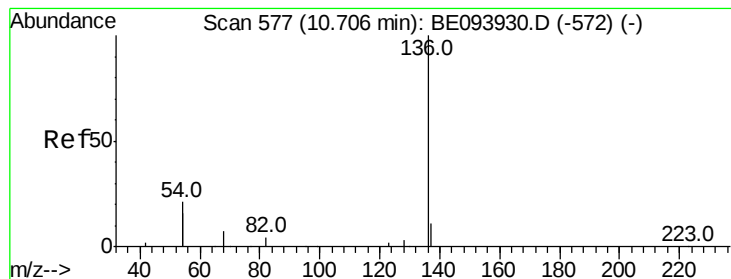
100

0

7.10 7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

Tot Ion:136 Resp: 14169

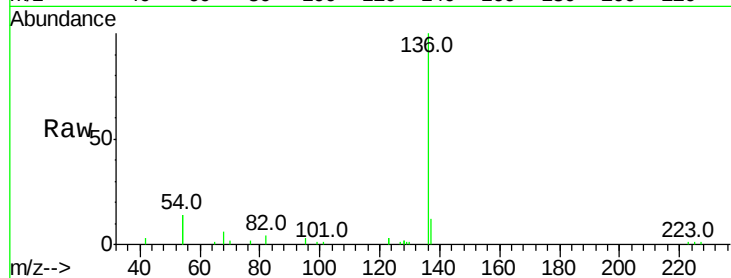
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 27.7 21.9 32.9

68 6.0 4.6 7.0

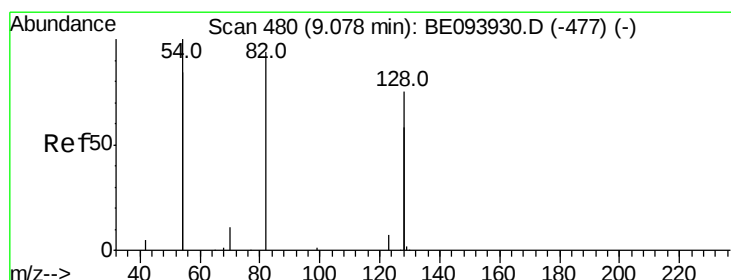
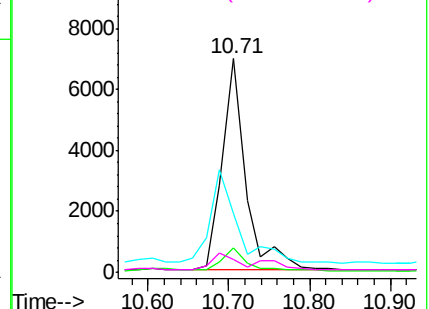
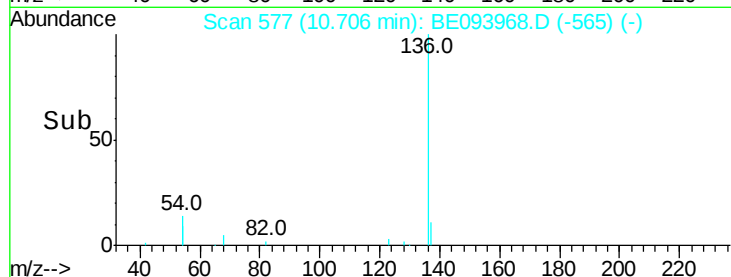


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.275 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

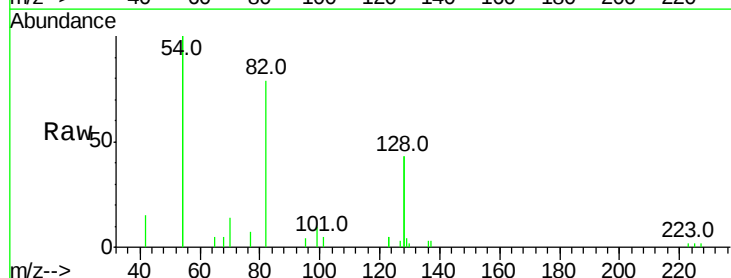
Tgt Ion: 82 Resp: 3298

Ion Ratio Lower Upper

82 100

128 108.5 91.4 137.0

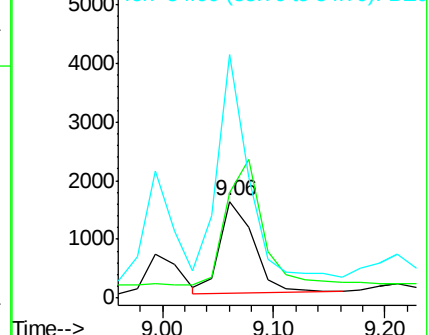
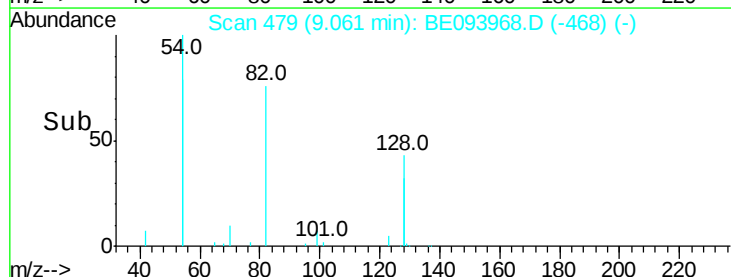
54 251.7 197.8 296.8

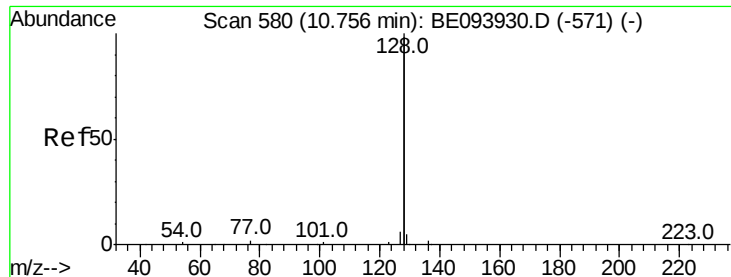


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.038 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

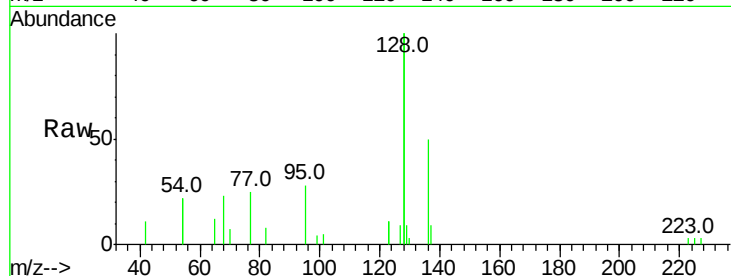
Tot Ion:128 Resp: 6218

Ion Ratio Lower Upper

128 100

129 4.3 2.5 3.7#

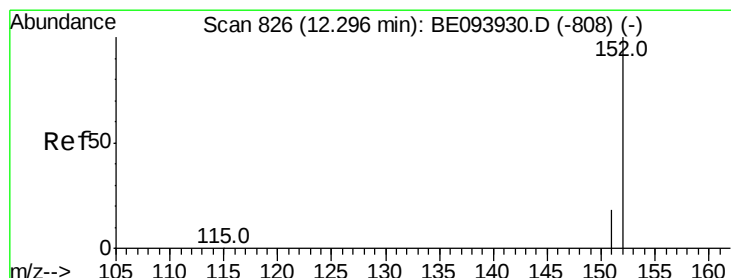
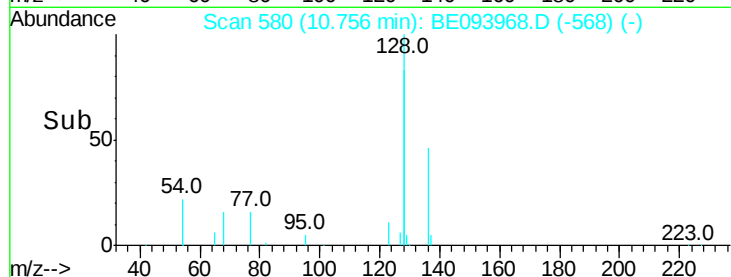
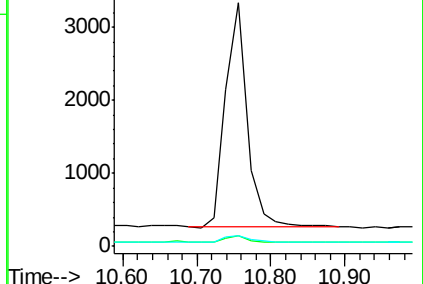
127 4.6 2.6 4.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.267 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093968.D

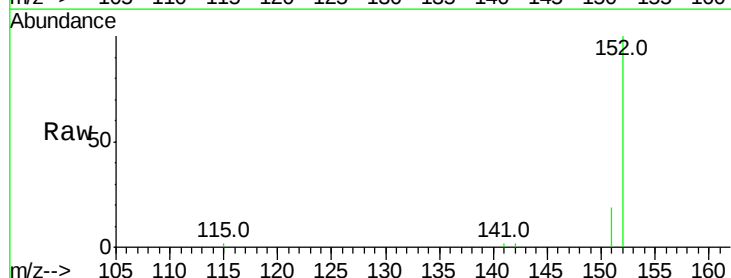
Acq: 11 Sep 2017 18:23

Tgt Ion:152 Resp: 6056

Ion Ratio Lower Upper

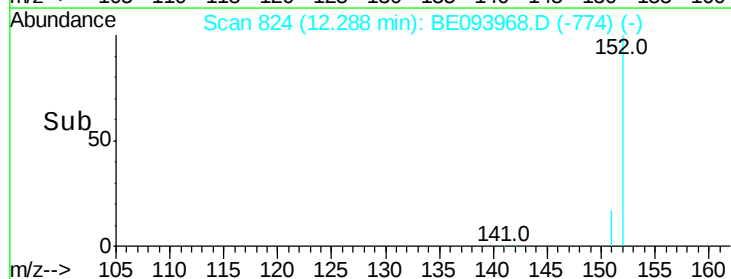
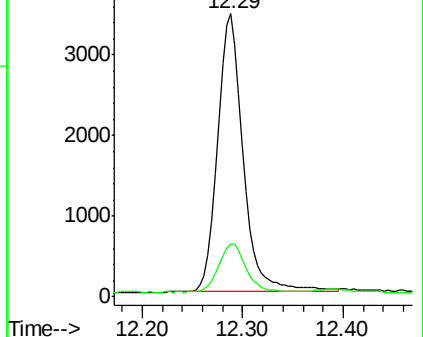
152 100

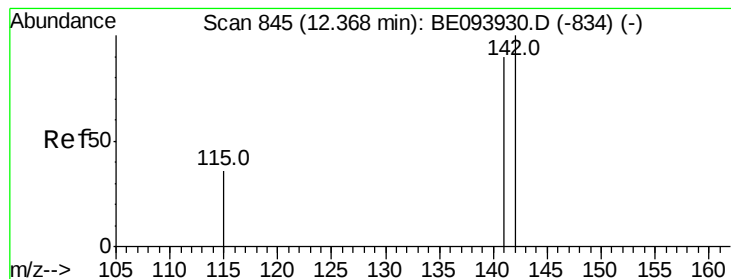
151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.023 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

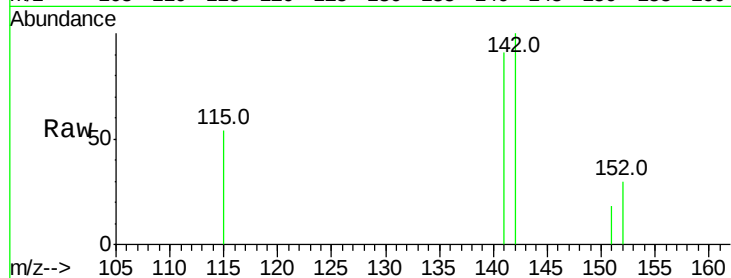
Tot Ion:142 Resp: 612

Ion Ratio Lower Upper

142 100

141 90.9 71.4 107.2

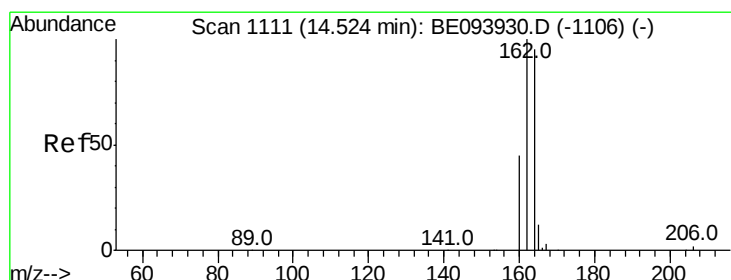
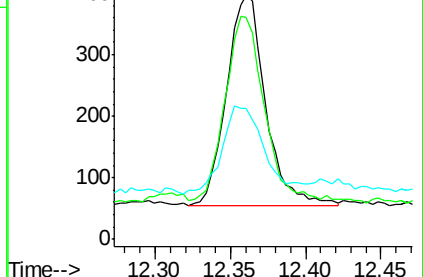
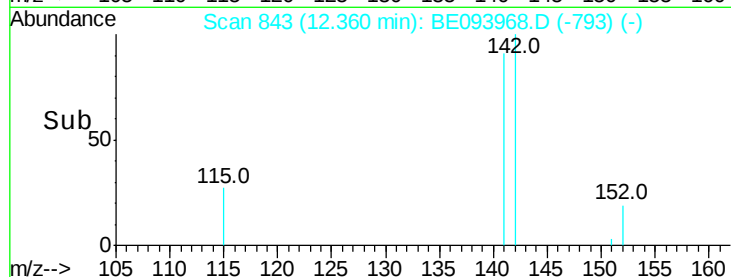
115 53.8 29.4 44.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

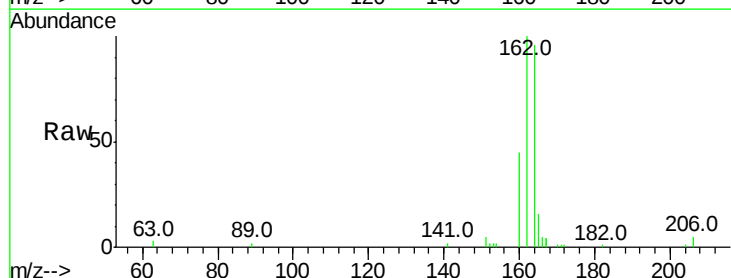
Tgt Ion:164 Resp: 7712

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

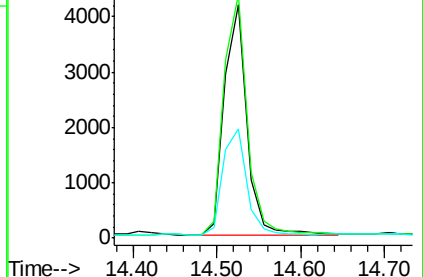
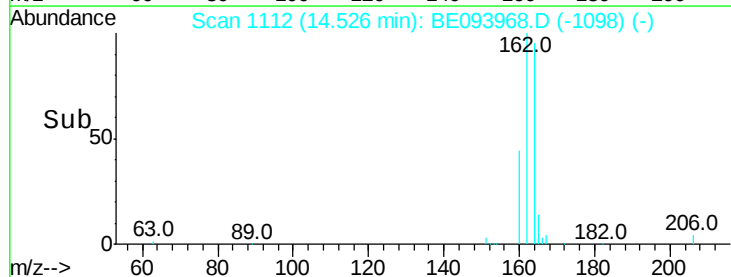
160 46.8 37.0 55.4

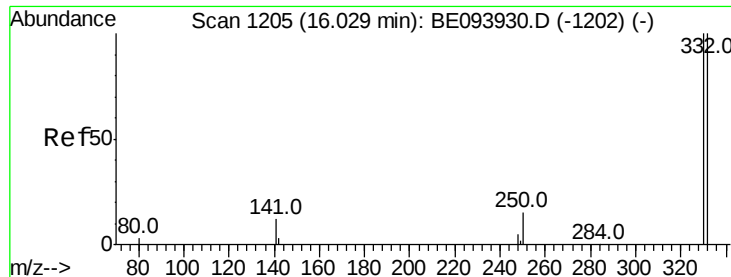


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

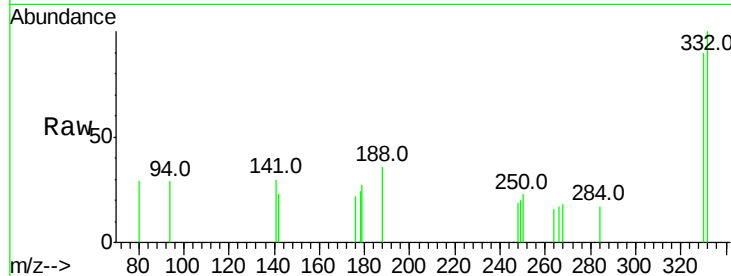




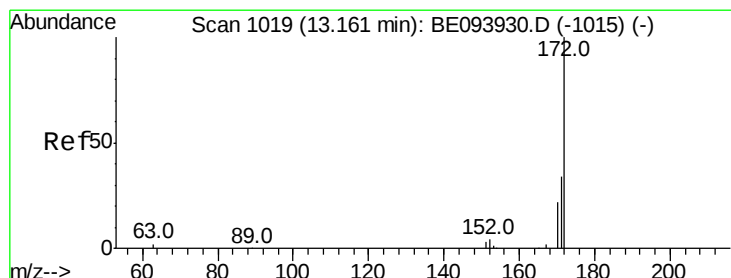
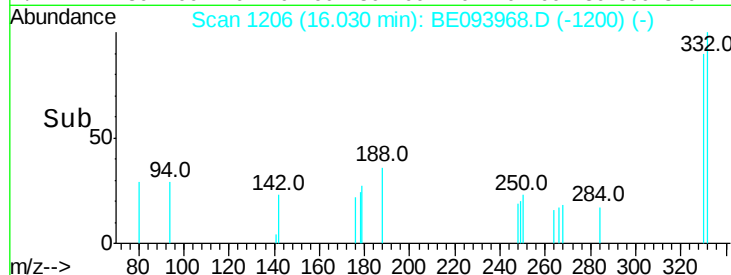
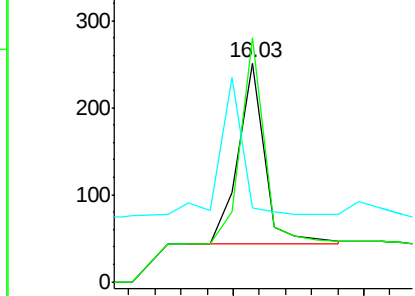
#14
 2,4,6-Tribromophenol
 Concen: 0.246 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093968.D
 Acq: 11 Sep 2017 18:23

Instrument :
 BNA_E
 ClientSampleId :
 CPS043065

Tot Ion:330 Resp: 587
 Ion Ratio Lower Upper
 330 100
 332 102.6 76.9 115.3
 141 0.0 0.0 0.0

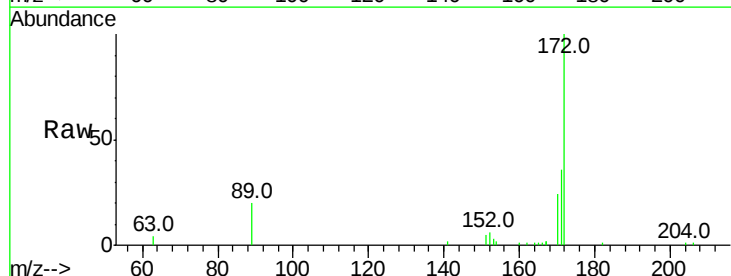


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

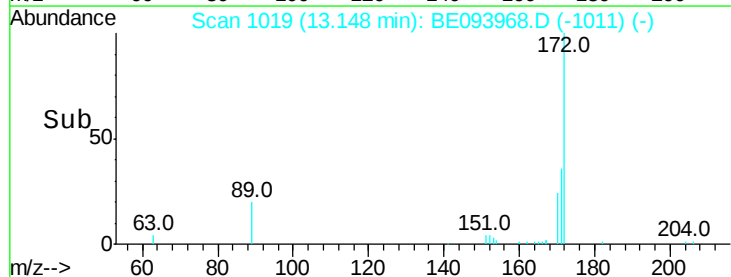
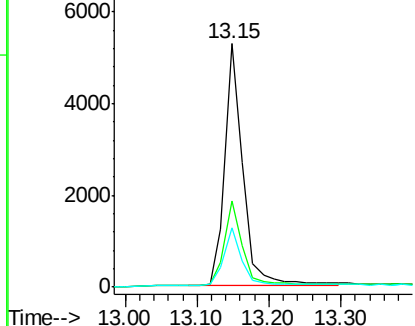


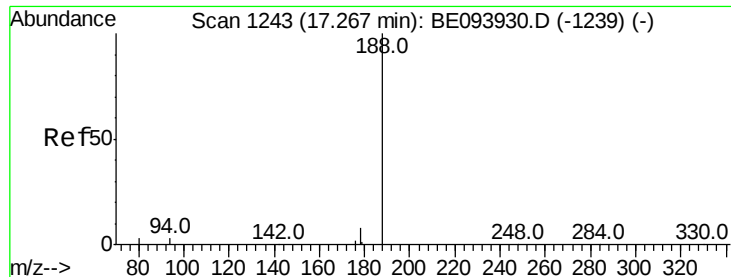
#15
 2-Fluorobiphenyl
 Concen: 0.301 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE093968.D
 Acq: 11 Sep 2017 18:23

Tgt Ion:172 Resp: 9190
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.9 40.3
 170 24.4 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: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

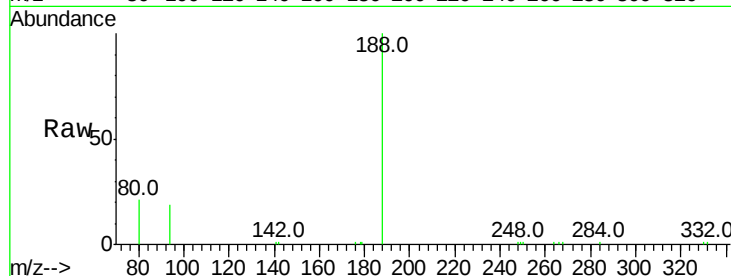
Tot Ion:188 Resp: 16331

Ion Ratio Lower Upper

188 100

94 18.9 16.1 24.1

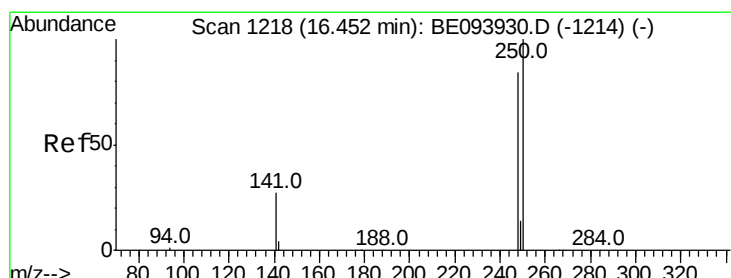
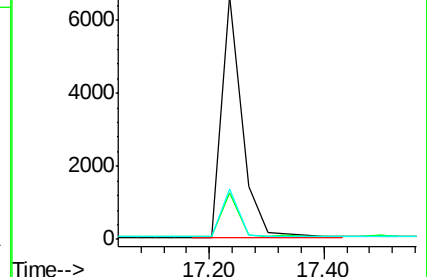
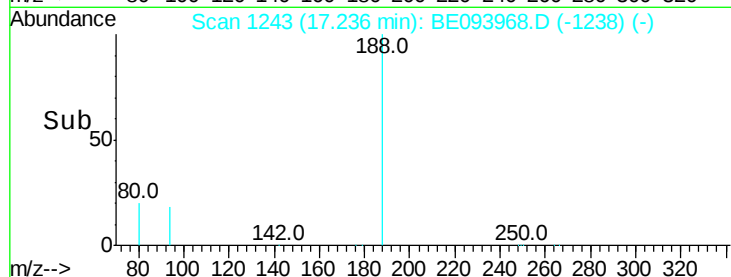
80 20.7 18.2 27.2



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: 16.36 min Scan# 1216

Delta R.T. -0.10 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

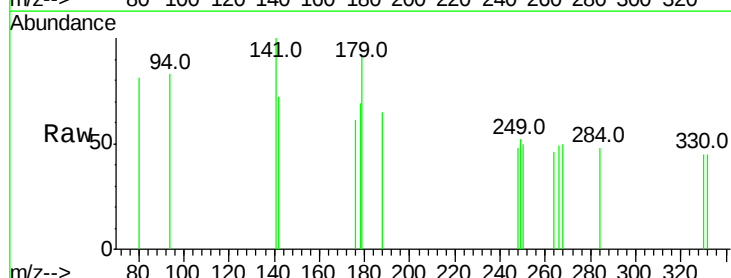
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 104.2 111.8 167.8#

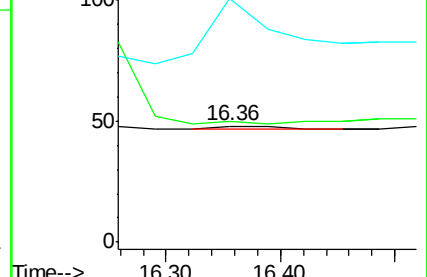
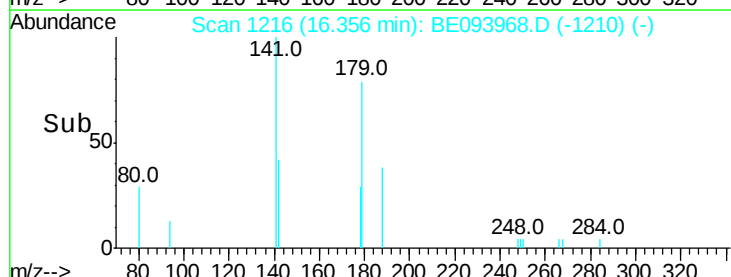
141 210.4 27.1 40.7#

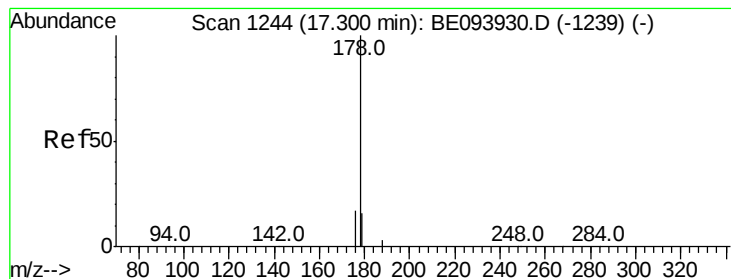


Abundance Ion 248.00 (247.70 to 248.70): E

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: BE093968.D

Acq: 11 Sep 2017 18:23

Instrument :

BNA_E

ClientSampleId :

CPS043065

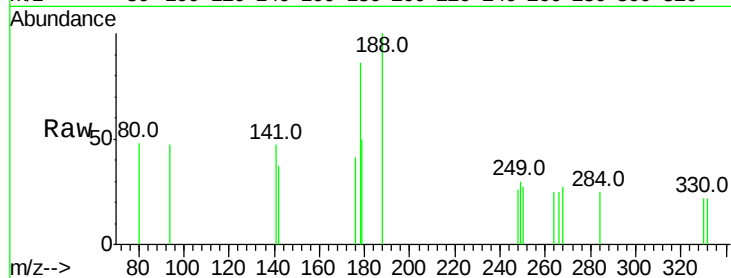
Tot Ion:178 Resp: 477

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

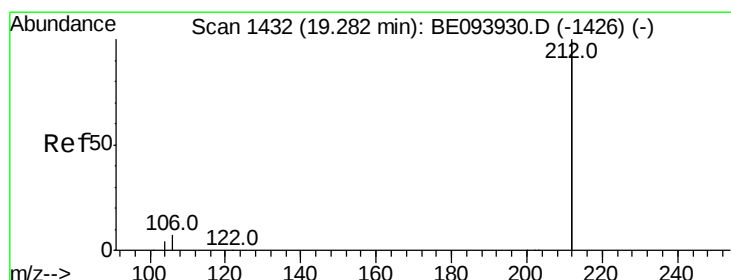
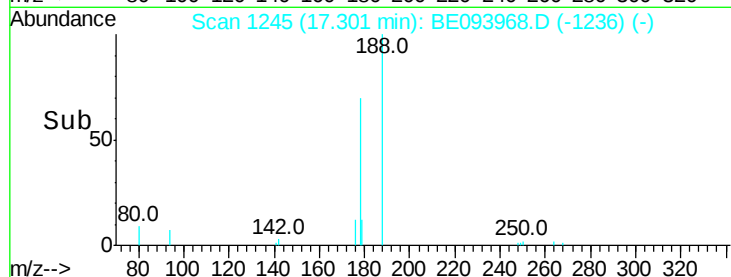
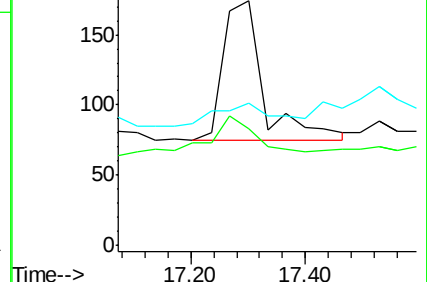
179 24.1 12.6 18.8#



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



#25

Fluoranthene-d10

Concen: 0.250 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093968.D

Acq: 11 Sep 2017 18:23

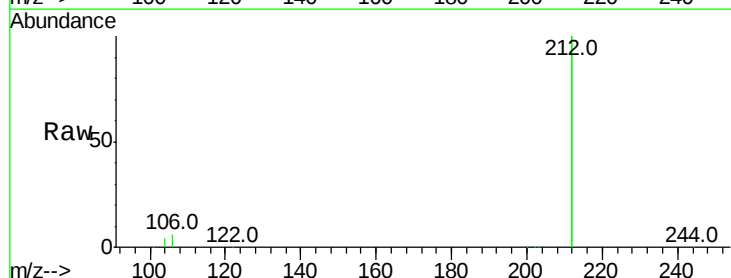
Tgt Ion:212 Resp: 60872

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

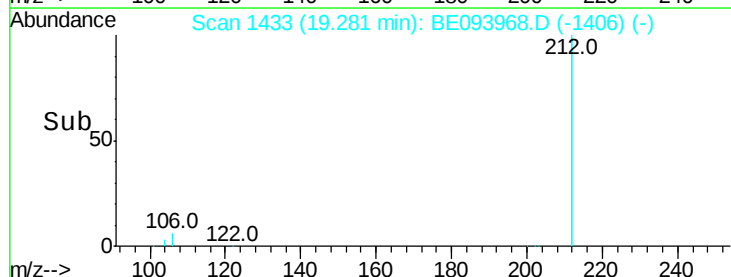
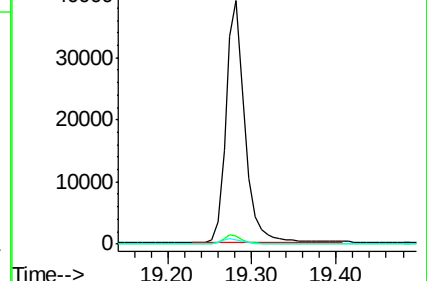
104 2.0 1.6 2.4

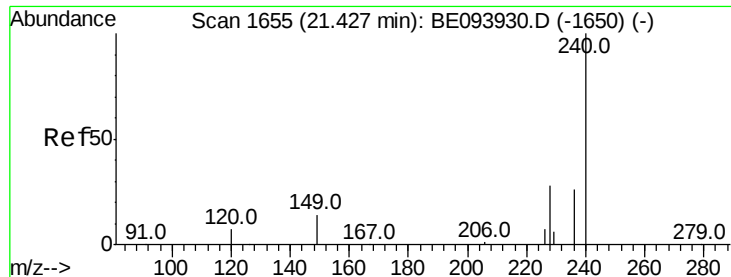


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

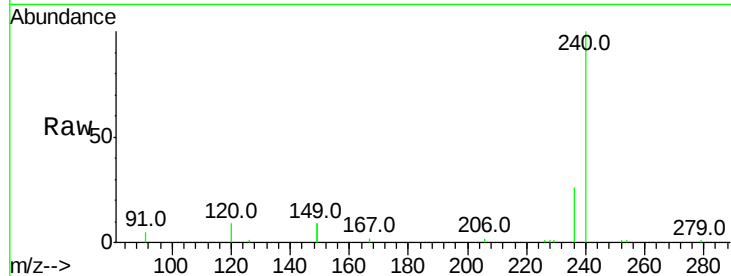




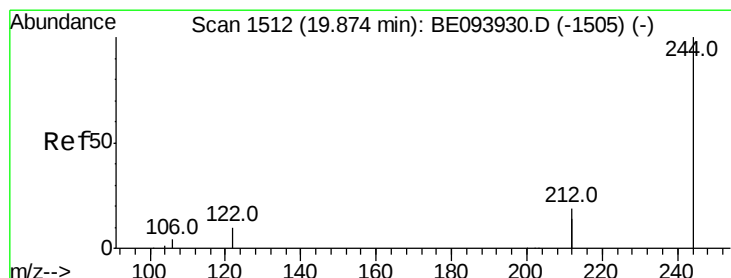
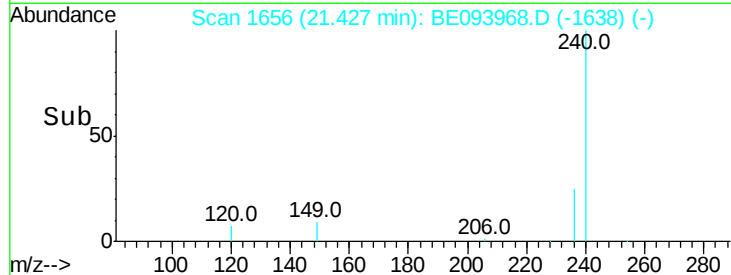
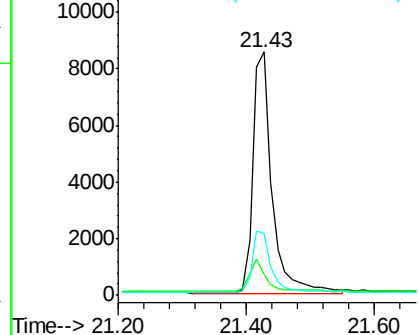
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

Instrument :
BNA_E
ClientSampleId :
CPS043065

Tot Ion:240 Resp: 17750
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 25.6 21.3 31.9

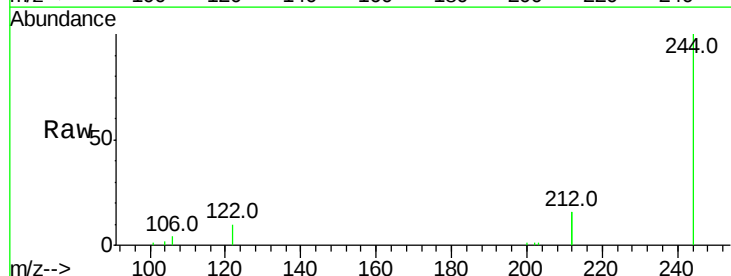


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

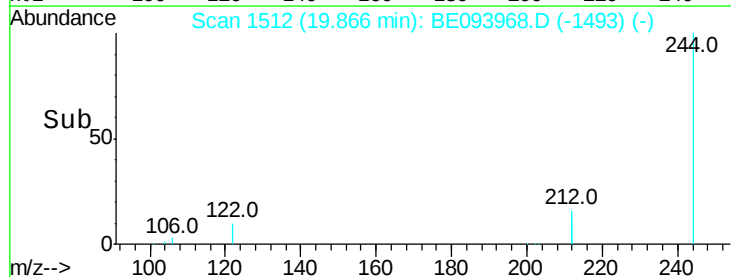
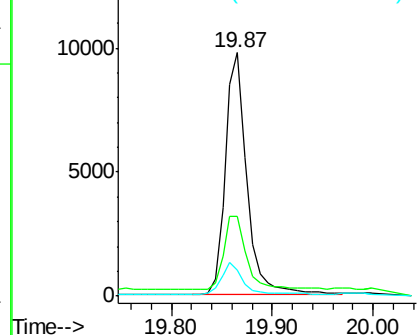


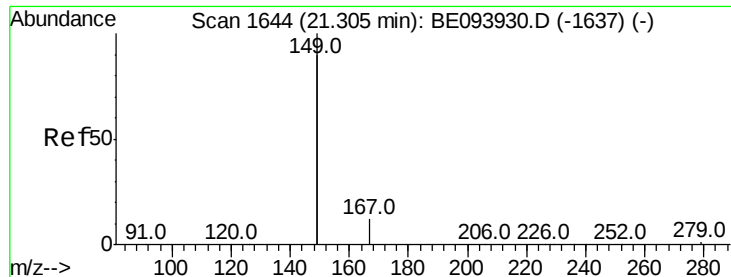
#29
Terphenyl-d14
Concen: 0.445 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093968.D
Acq: 11 Sep 2017 18:23

Tgt Ion:244 Resp: 14521
Ion Ratio Lower Upper
244 100
212 32.5 28.3 42.5
122 10.4 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

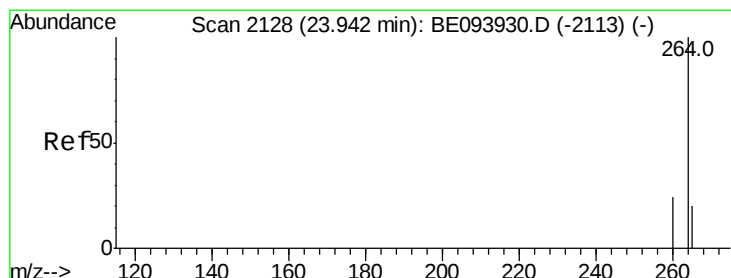
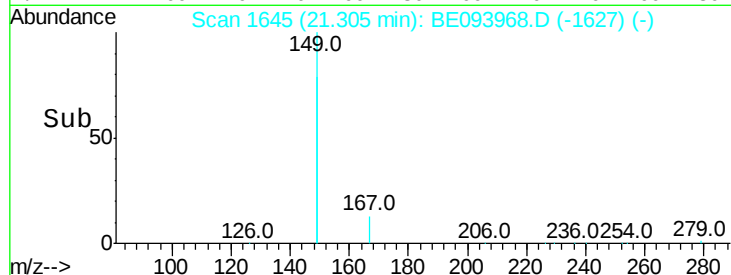
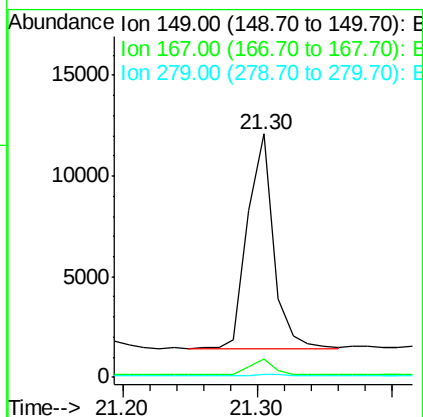
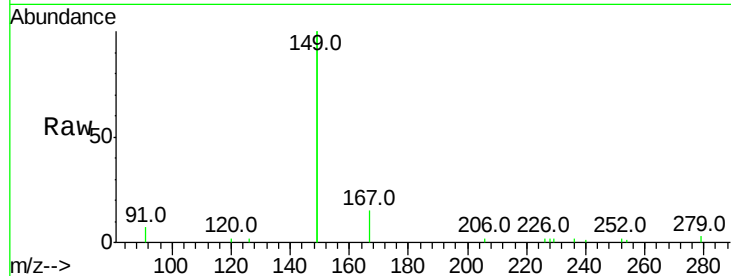




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BE093968.D
 Acq: 11 Sep 2017 18:23

Instrument :
 BNA_E
 ClientSampleId :
 CPS043065

Tot Ion:149 Resp: 14520
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.1 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BE093968.D
 Acq: 11 Sep 2017 18:23

Tgt Ion:264 Resp: 13805
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.0 30.0
 265 33.6 24.0 36.0

