

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093962.D
 Acq On : 11 Sep 2017 14:39
 Operator : SJ/JU
 Sample : I5167-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS103061

Quant Time: Sep 12 07:41:47 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

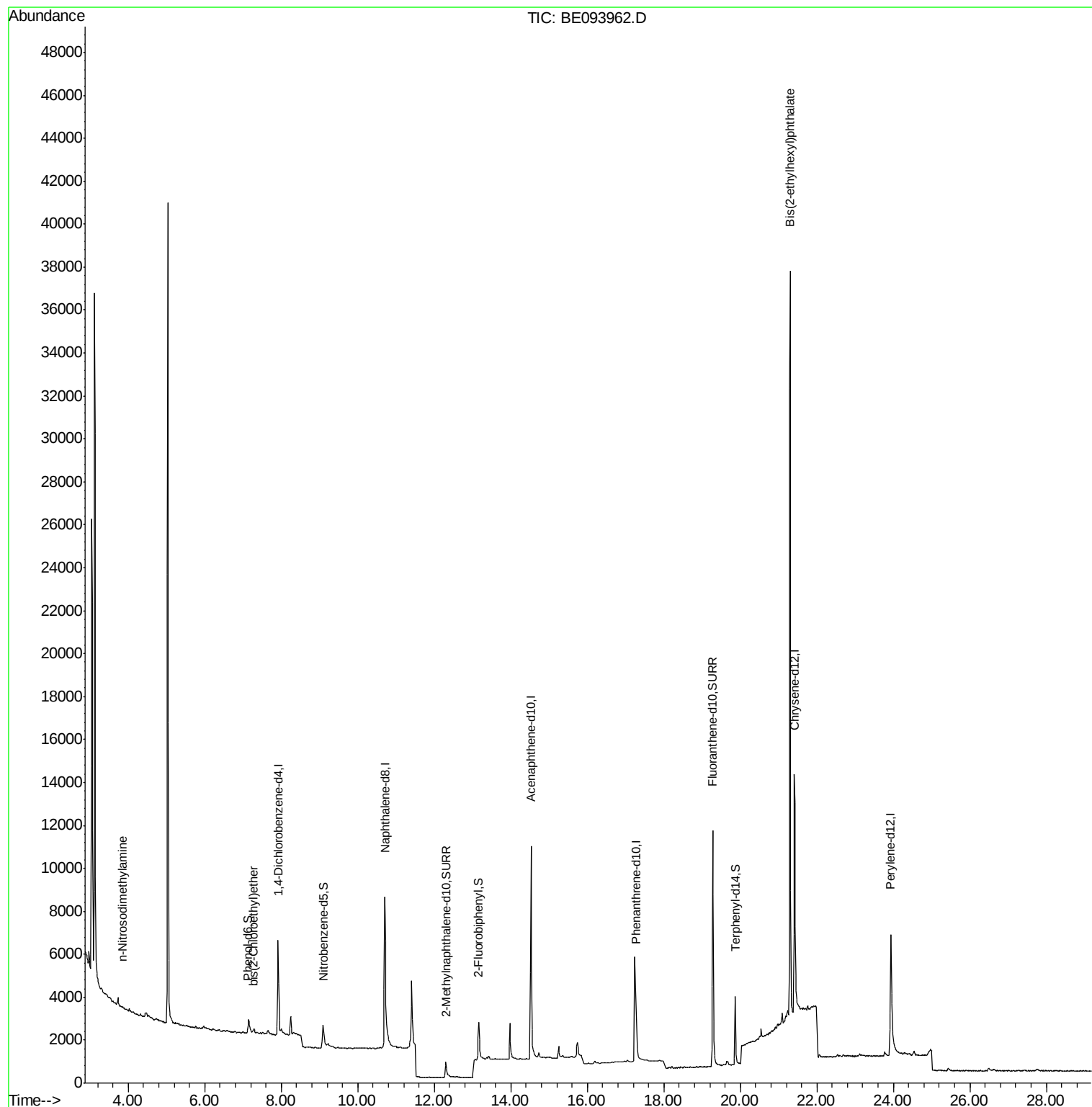
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2422	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11562	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6991	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13525	0.40	ng	0.00
27) Chrysene-d12	21.42	240	16640	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12655	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	75	0.01	ng	0.00
5) Phenol-d6	7.13	99	238	0.02	ng	0.01
8) Nitrobenzene-d5	9.09	82	878	0.09	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	1753	0.09	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	41	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	2527	0.09	ng	0.00
25) Fluoranthene-d10	19.28	212	18134	0.09	ng	0.00
29) Terphenyl-d14	19.87	244	3630	0.12	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.85	42	100	0.026	ng	# 1
6) bis(2-Chloroethyl)ether	7.27	93	244	0.025	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	18	Below Cal		# 31
23) Phenanthrene	17.30	178	246	Below Cal		# 45
32) Bis(2-ethylhexyl)phthalate	21.30	149	47183	0.380	ng	99

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

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QLast Update : Tue Sep 05 13:34:56 2017
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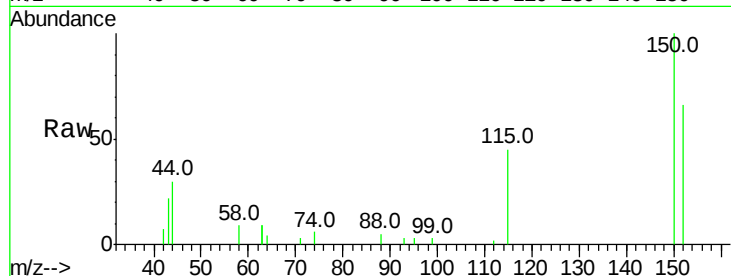


#1

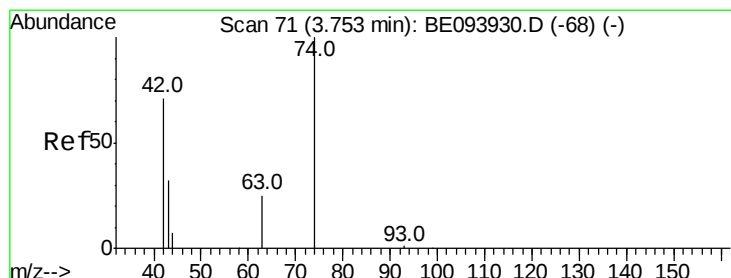
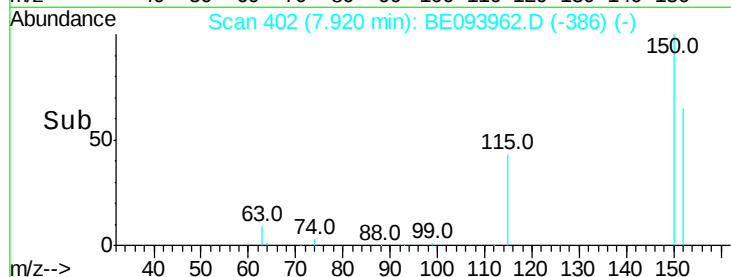
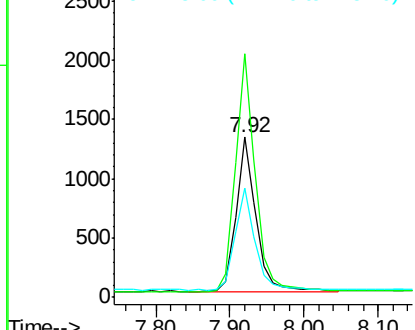
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093962.D
Acq: 11 Sep 2017 14:39

Instrument :
BNA_E
ClientSampled :
CPS103061

Tot Ion:152 Resp: 2422
Ion Ratio Lower Upper
152 100
150 152.2 121.8 182.6
115 68.1 52.6 79.0



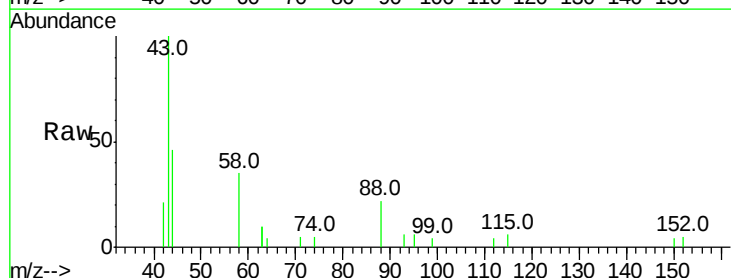
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



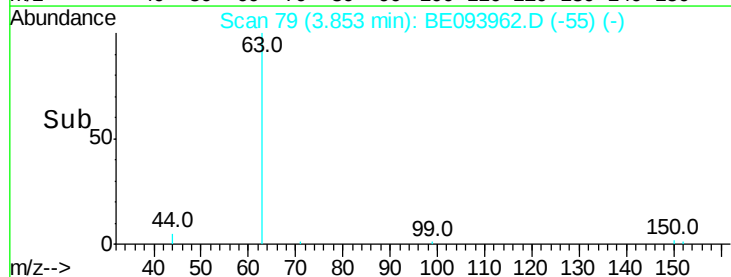
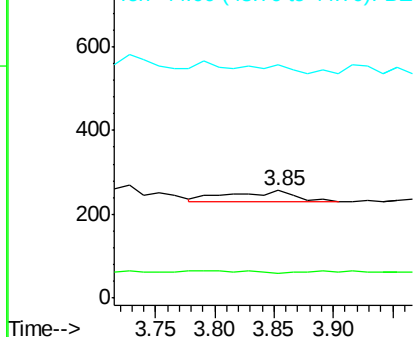
#3

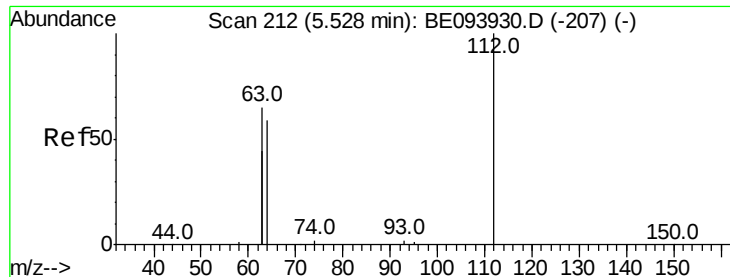
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.85 min Scan# 79
Delta R.T. 0.10 min
Lab File: BE093962.D
Acq: 11 Sep 2017 14:39

Tgt Ion: 42 Resp: 100
Ion Ratio Lower Upper
42 100
74 0.0 104.0 156.0#
44 51.0 13.8 20.8#



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: 0.010 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampleId :

CPS103061

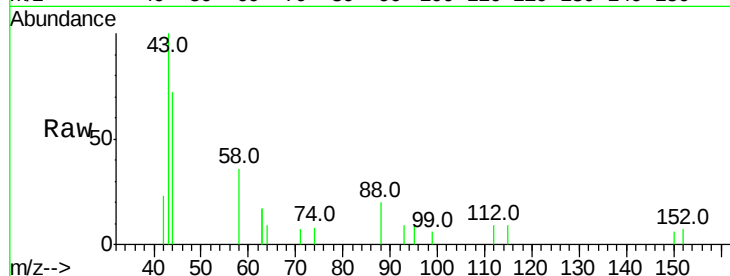
Tot Ion:112 Resp: 75

Ion Ratio Lower Upper

112 100

64 52.0 57.7 86.5#

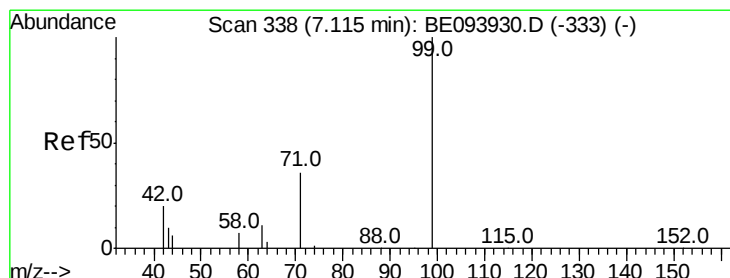
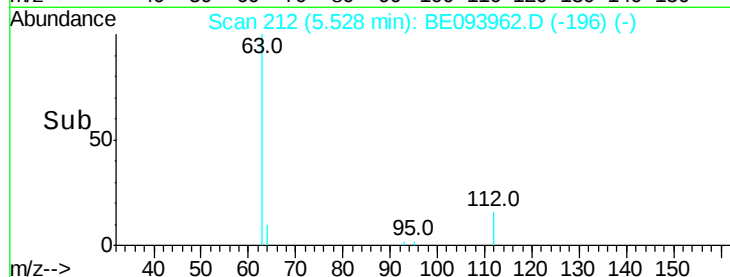
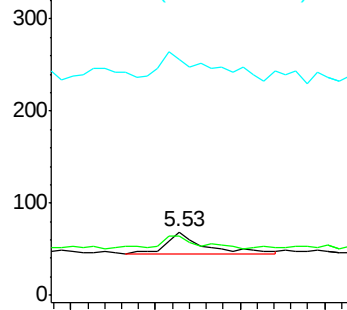
63 182.7 116.0 174.0#



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: 0.020 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

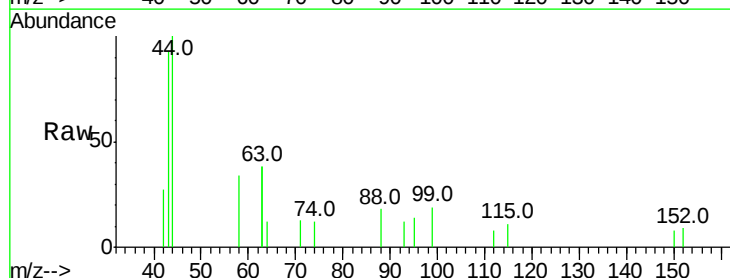
Tgt Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 40.8 17.1 25.7#

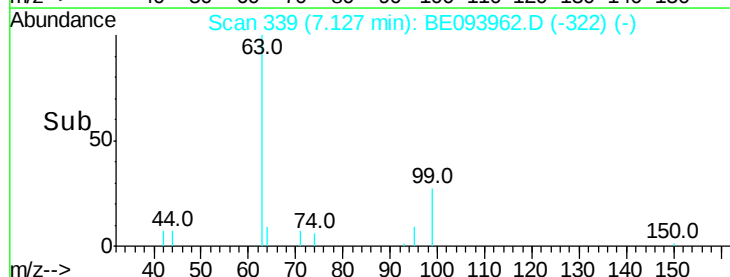
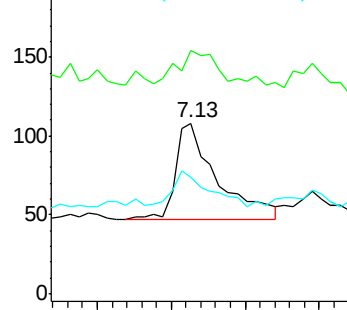
71 34.5 26.6 39.8

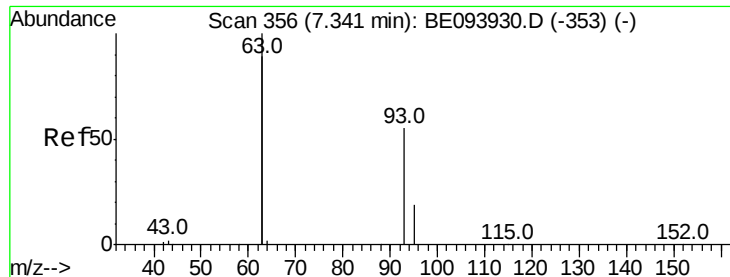


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.27 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampleId :

CPS103061

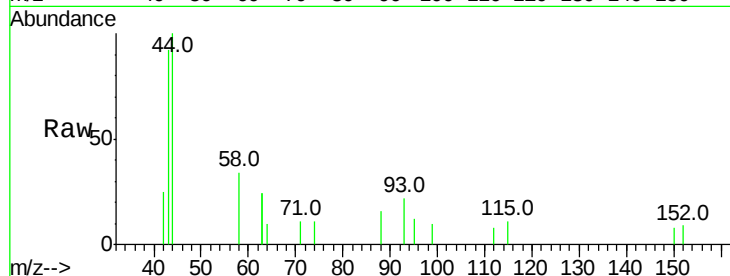
Tot Ion: 93 Resp: 244

Ion Ratio Lower Upper

93 100

63 0.0 283.4 425.2#

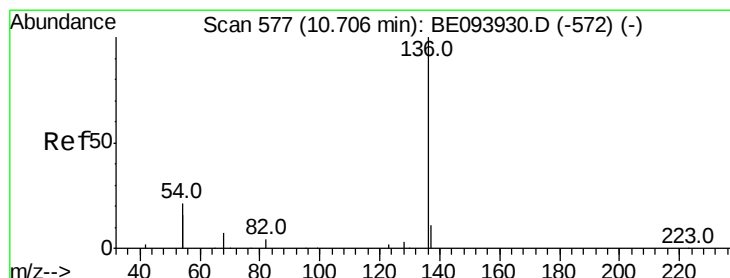
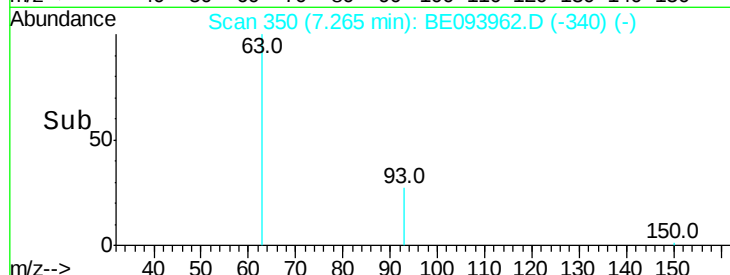
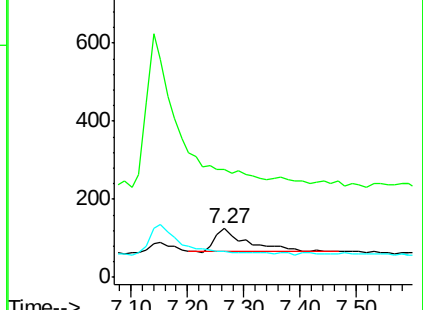
95 0.0 26.9 40.3#



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Tgt Ion: 136 Resp: 11562

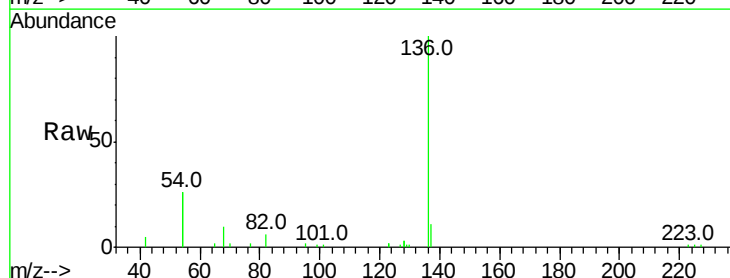
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 51.3 21.9 32.9#

68 10.0 4.6 7.0#

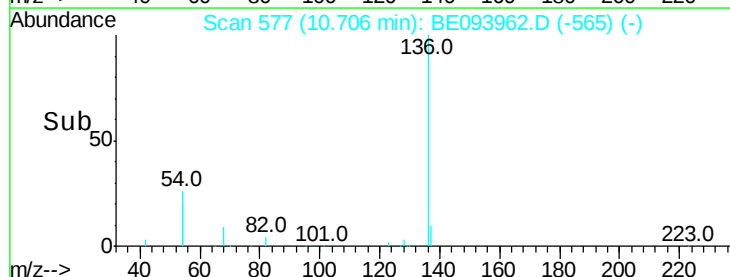
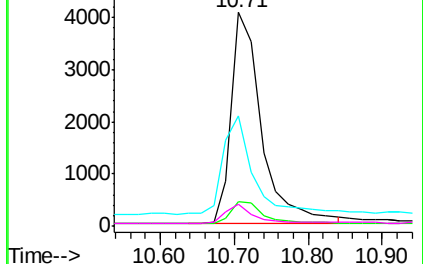


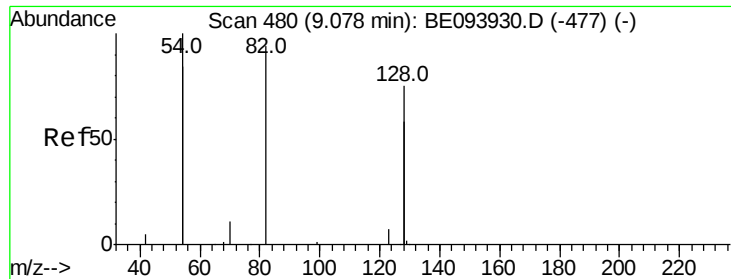
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.090 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampleId :

CPS103061

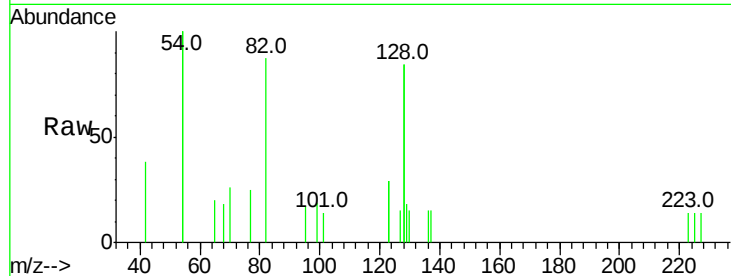
Tot Ion: 82 Resp: 878

Ion Ratio Lower Upper

82 100

128 193.8 91.4 137.0#

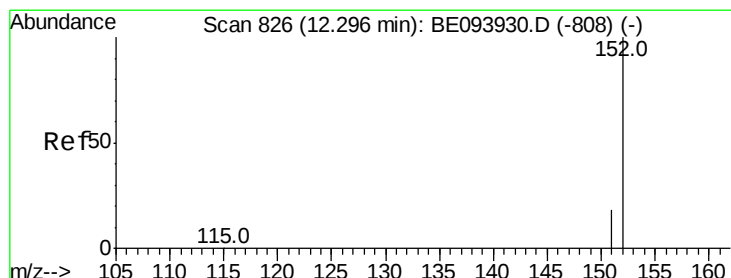
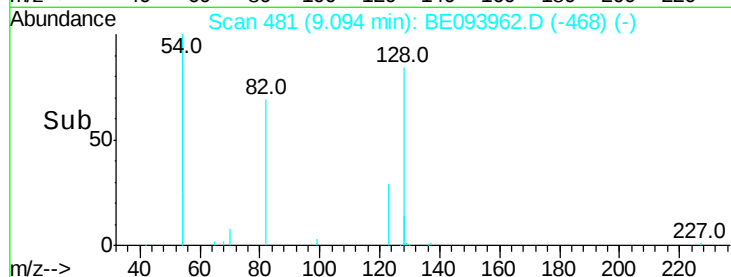
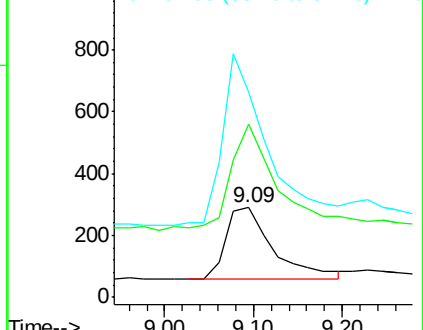
54 230.4 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE093930.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093930.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093930.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.095 ng

RT: 12.30 min Scan# 828

Delta R.T. 0.01 min

Lab File: BE093962.D

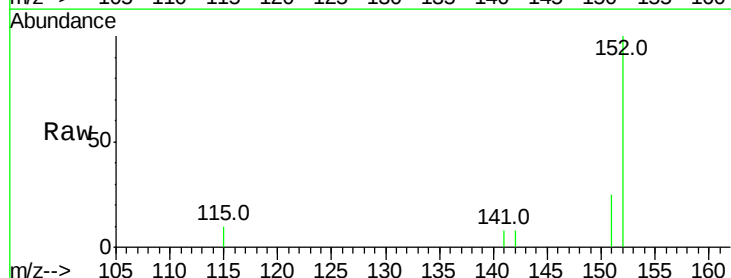
Acq: 11 Sep 2017 14:39

Tgt Ion: 152 Resp: 1753

Ion Ratio Lower Upper

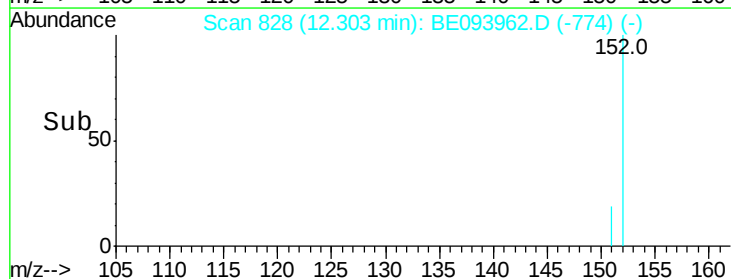
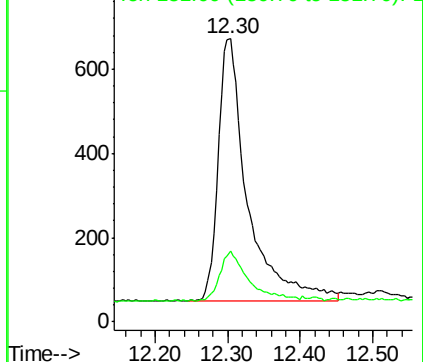
152 100

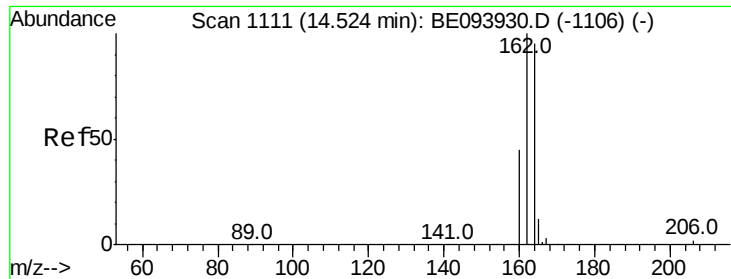
151 18.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE093930.D (-808) (-)

Ion 151.00 (150.70 to 151.70): BE093930.D (-808) (-)

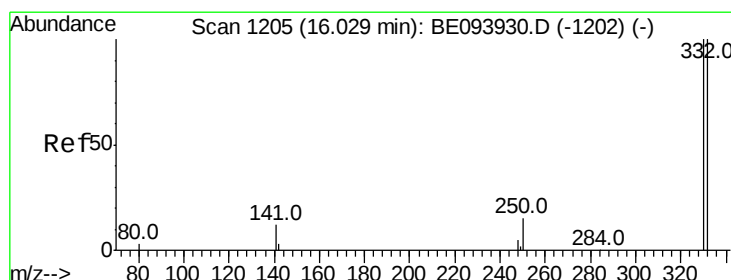
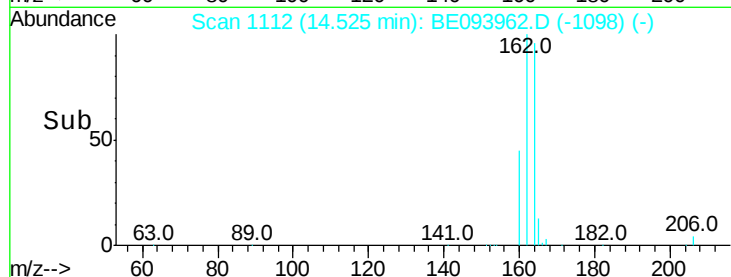
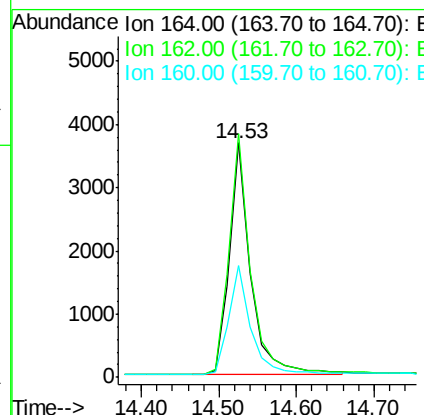
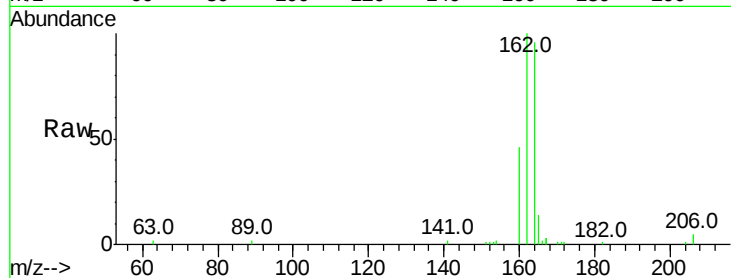




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093962.D
 Acq: 11 Sep 2017 14:39

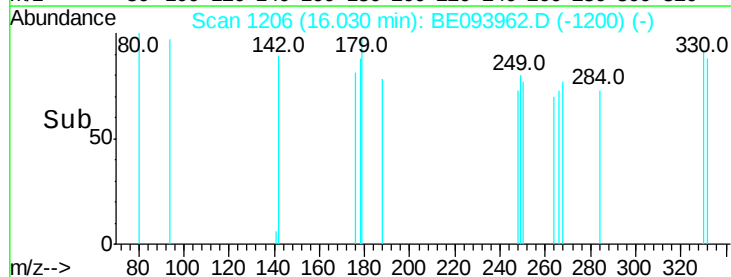
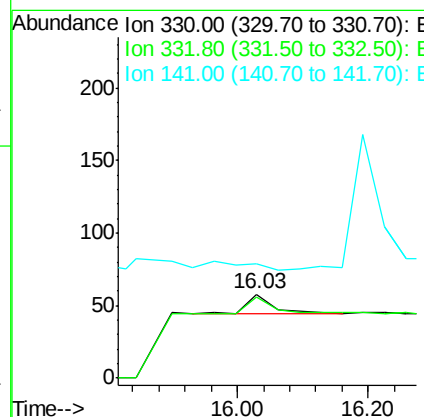
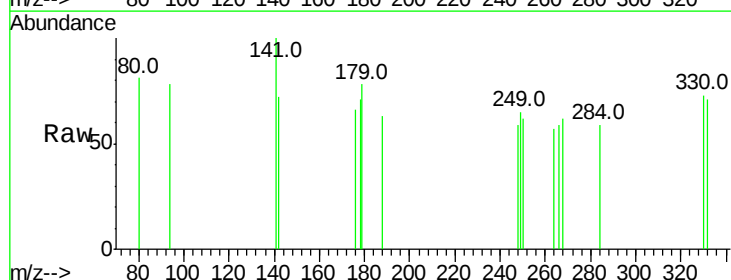
Instrument :
 BNA_E
 ClientSampleId :
 CPS103061

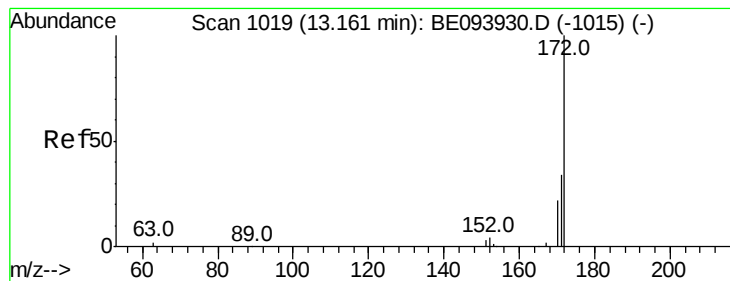
Tot Ion:164 Resp: 6991
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.8 121.2
 160 47.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.019 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093962.D
 Acq: 11 Sep 2017 14:39

Tgt Ion:330 Resp: 41
 Ion Ratio Lower Upper
 330 100
 332 85.4 76.9 115.3
 141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.091 ng

RT: 13.16 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampled :

CPS103061

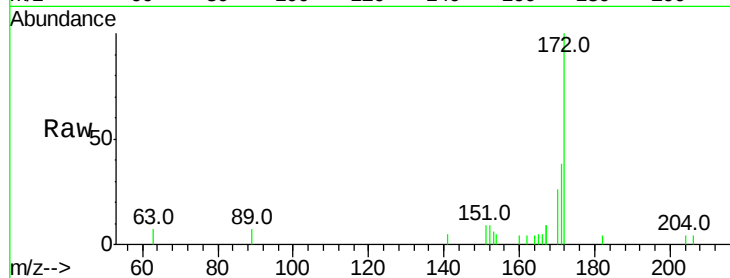
Tot Ion:172 Resp: 2527

Ion Ratio Lower Upper

172 100

171 38.3 26.9 40.3

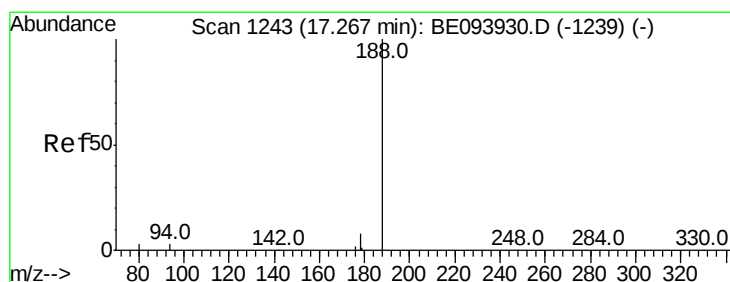
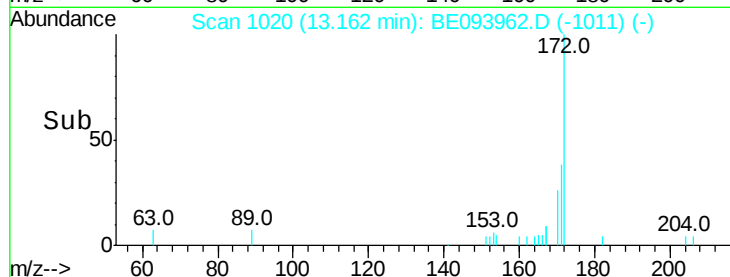
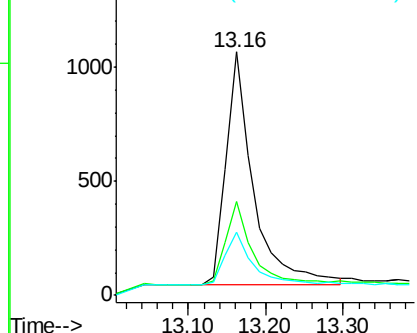
170 26.1 17.3 25.9#



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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

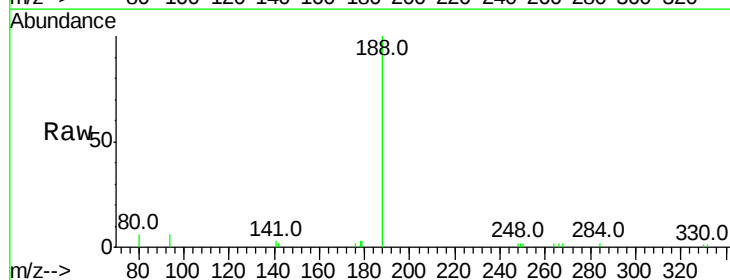
Tgt Ion:188 Resp: 13525

Ion Ratio Lower Upper

188 100

94 6.3 16.1 24.1#

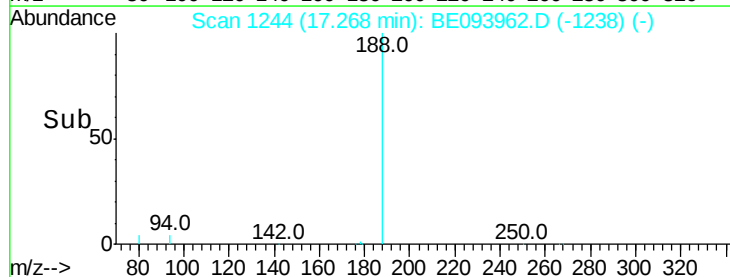
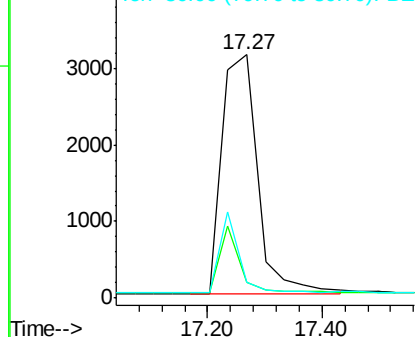
80 6.5 18.2 27.2#

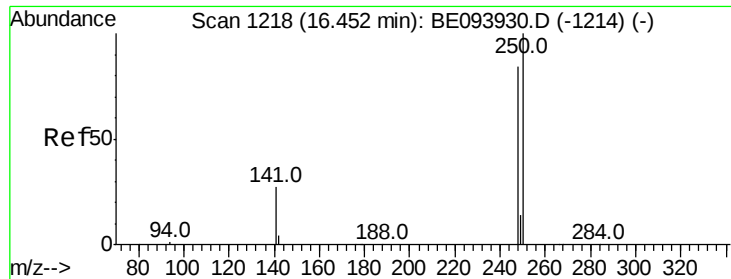


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

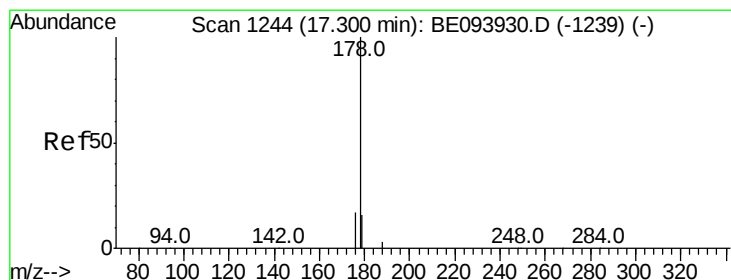
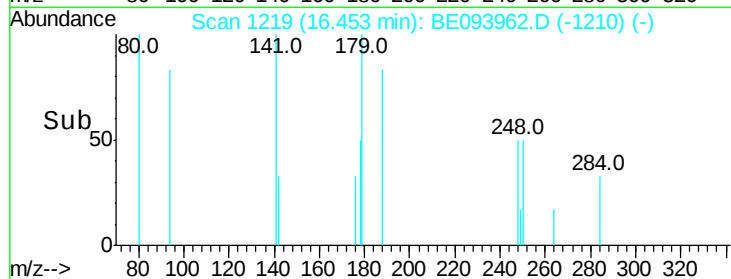
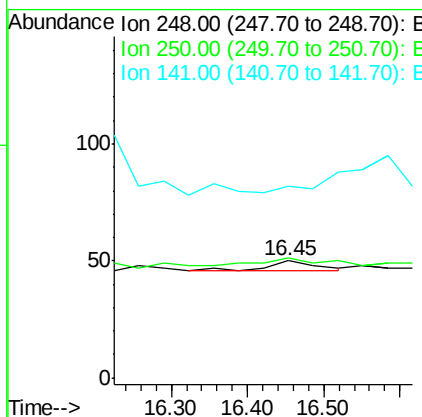
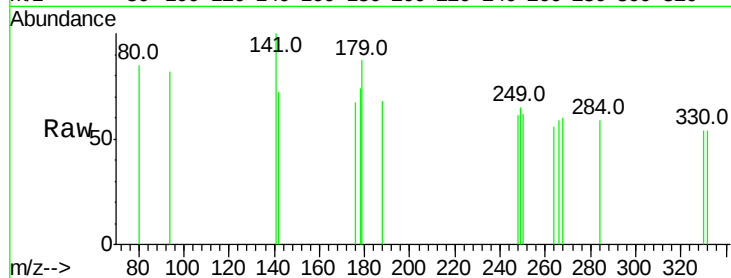




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093962.D
Acq: 11 Sep 2017 14:39

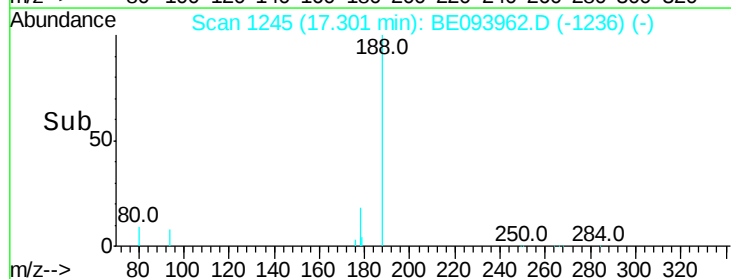
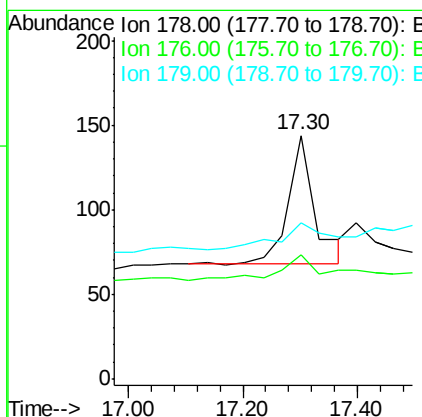
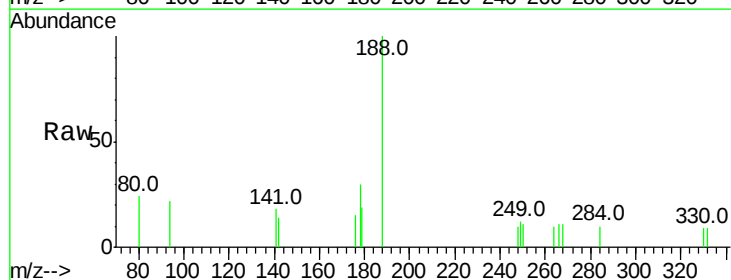
Instrument :
BNA_E
ClientSampled :
CPS103061

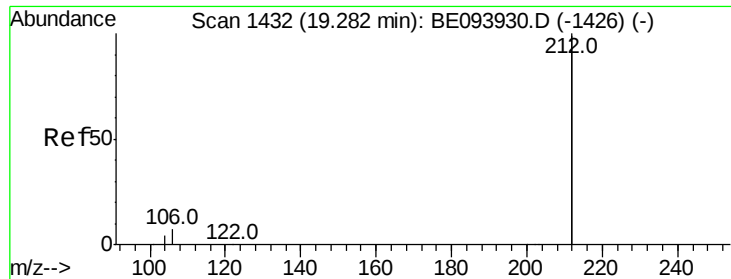
Tot Ion:248 Resp: 18
Ion Ratio Lower Upper
248 100
250 102.0 111.8 167.8#
141 164.0 27.1 40.7#



#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093962.D
Acq: 11 Sep 2017 14:39

Tgt Ion:178 Resp: 246
Ion Ratio Lower Upper
178 100
176 43.9 0.0 0.0#
179 39.0 12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.090 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampleId :

CPS103061

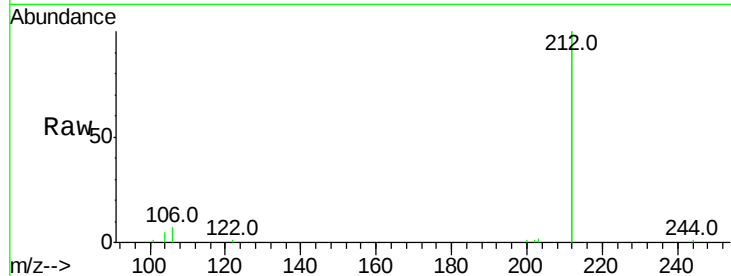
Tot Ion:212 Resp: 18134

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

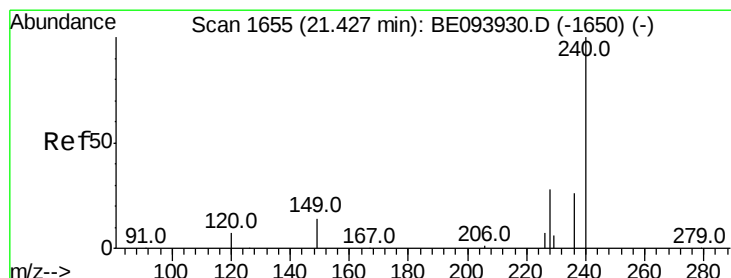
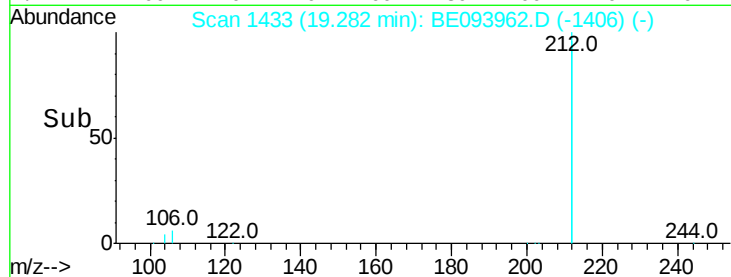
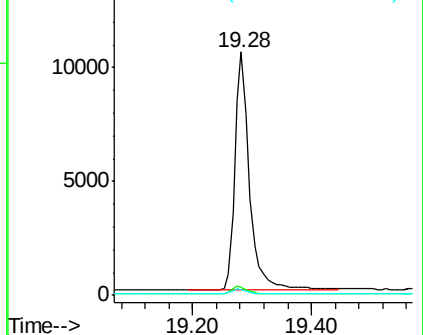
104 2.1 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

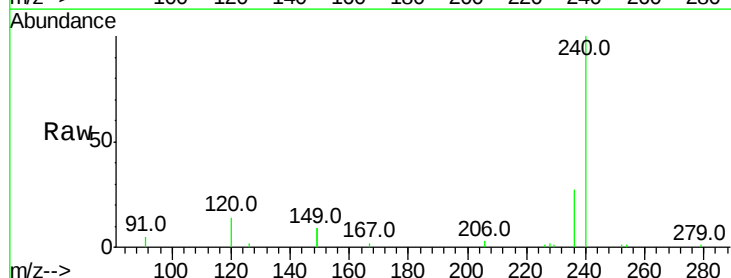
Tgt Ion:240 Resp: 16640

Ion Ratio Lower Upper

240 100

120 14.1 8.7 13.1#

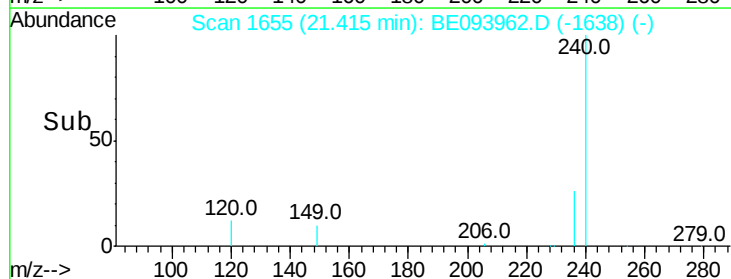
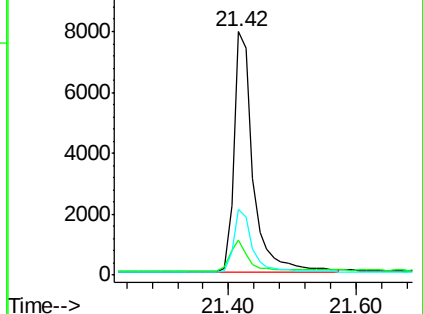
236 27.1 21.3 31.9

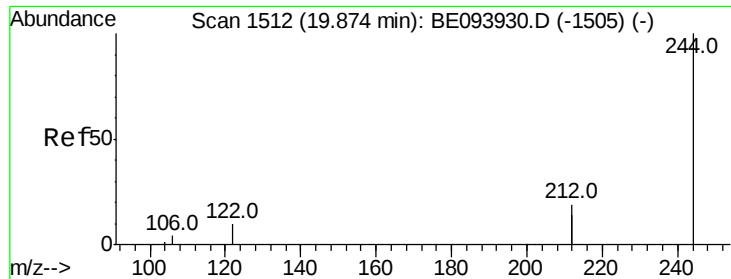


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.119 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampleId :

CPS103061

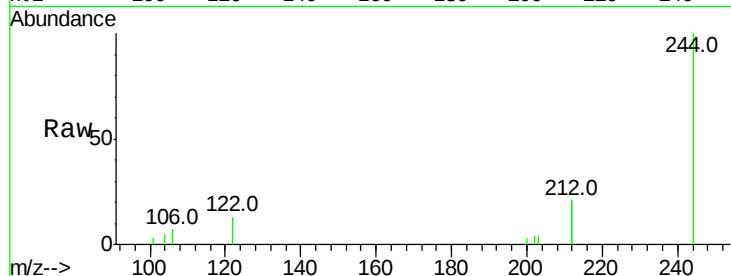
Tot Ion:244 Resp: 3630

Ion Ratio Lower Upper

244 100

212 41.9 28.3 42.5

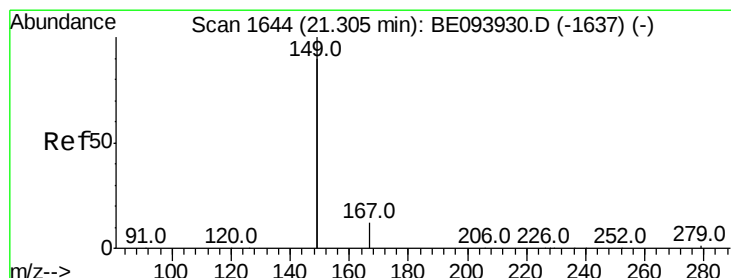
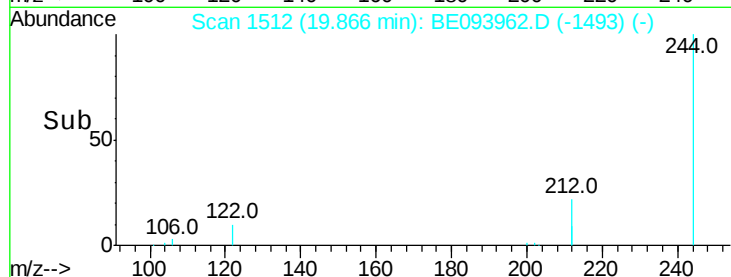
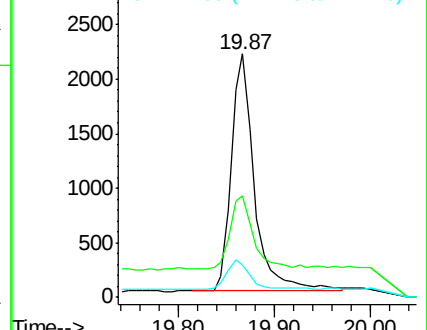
122 13.4 9.4 14.0



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: 0.380 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

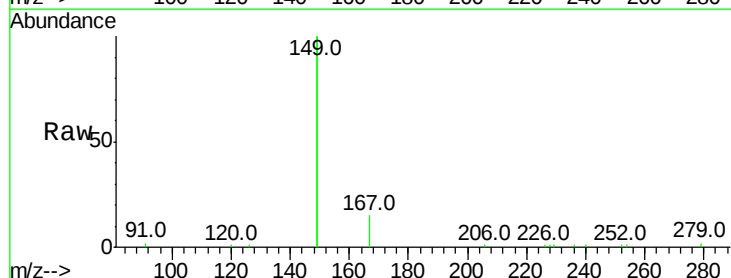
Tgt Ion:149 Resp: 47183

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

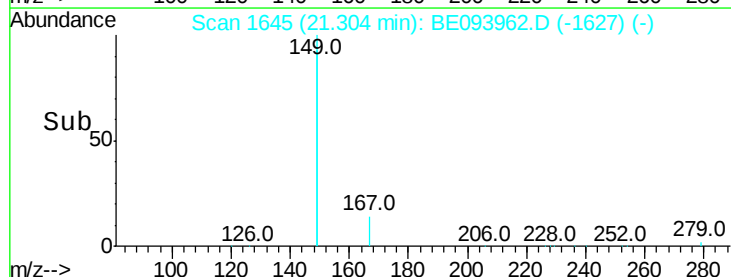
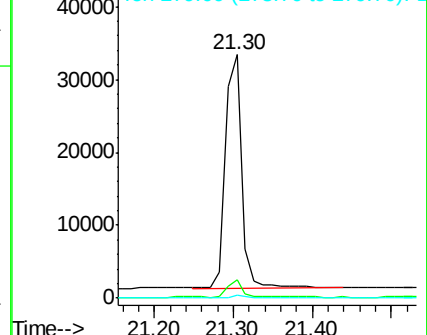
279 0.9 0.7 1.1

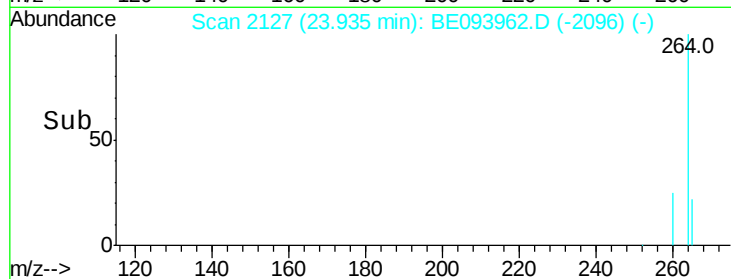
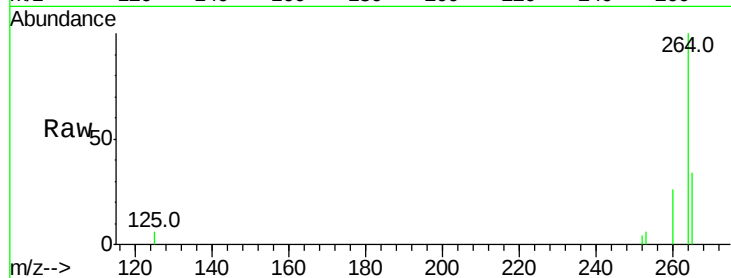
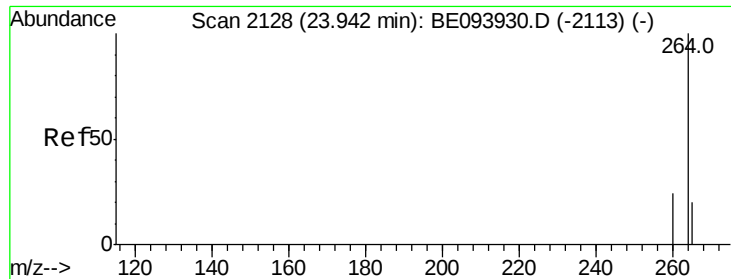


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093962.D

Acq: 11 Sep 2017 14:39

Instrument :

BNA_E

ClientSampleId :

CPS103061

Tot Ion:264 Resp: 12655

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 34.2 24.0 36.0

