

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094010.D
 Acq On : 14 Sep 2017 17:53
 Operator : SJ/JU
 Sample : I5189-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CB-01-090817

Quant Time: Sep 15 00:52:12 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

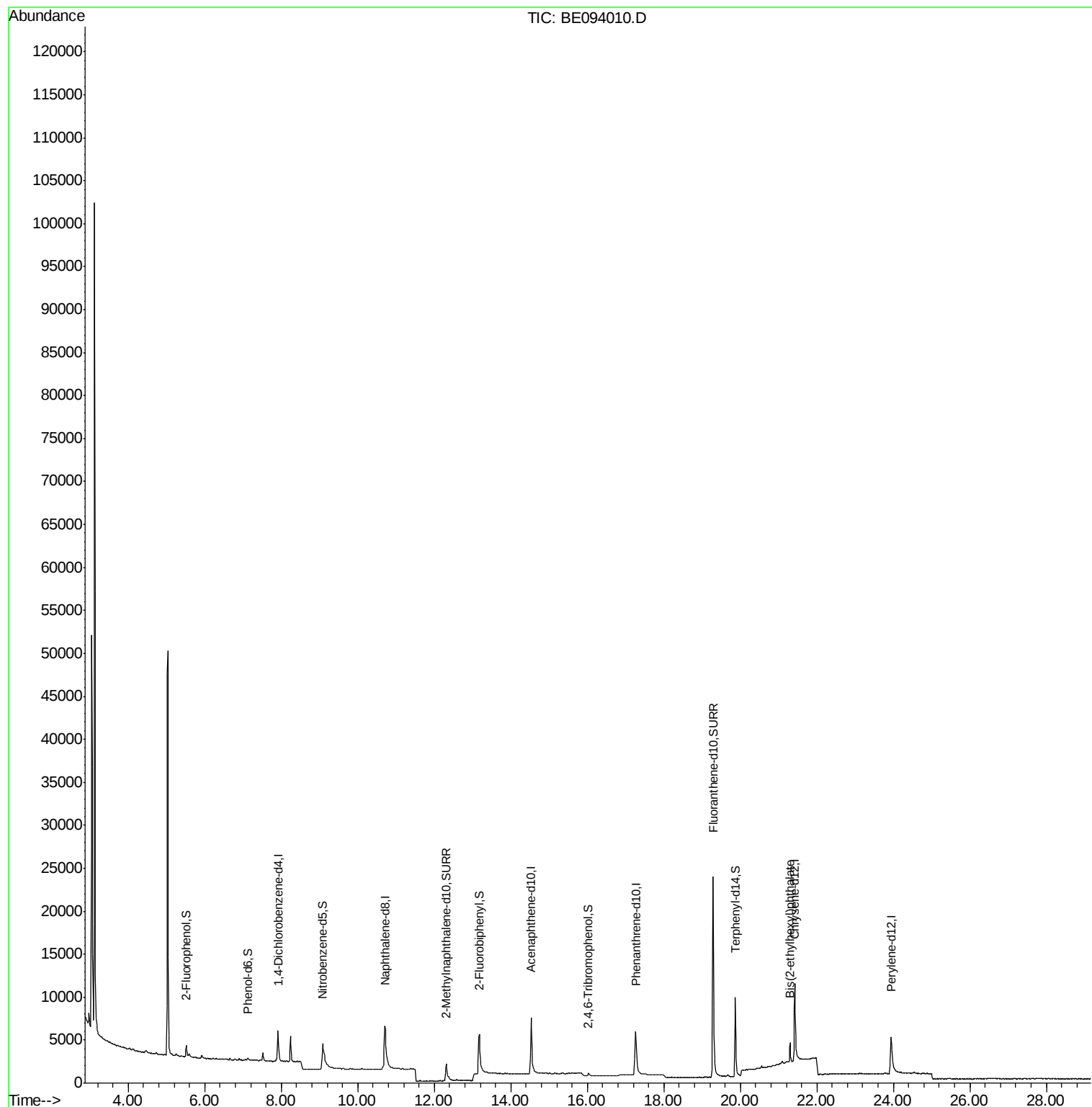
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2126	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	10521	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	6285	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	13332	0.40	ng	0.00
27) Chrysene-d12	21.43	240	14185	0.40	ng	0.00
34) Perylene-d12	23.94	264	10661	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	947	0.14	ng	-0.01
5) Phenol-d6	7.13	99	749	0.07	ng	0.01
8) Nitrobenzene-d5	9.08	82	2947	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5649	0.34	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	428	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8943	0.36	ng	0.02
25) Fluoranthene-d10	19.29	212	44714	0.23	ng	0.00
29) Terphenyl-d14	19.87	244	10858	0.42	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.45	248	14	Below Cal	#	41
23) Phenanthrene	17.30	178	444	Below Cal	#	77
32) Bis(2-ethylhexyl)phthalate	21.30	149	3327	0.031 ng	#	98

(#) = 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: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

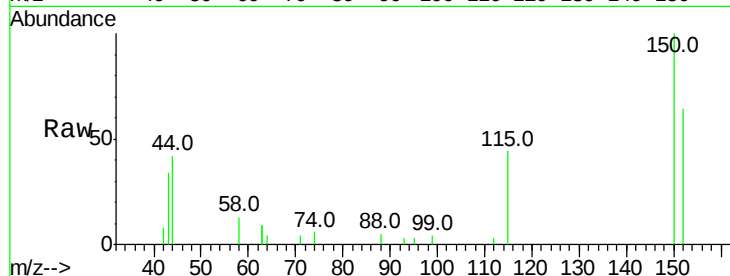
Tot Ion:152 Resp: 2126

Ion Ratio Lower Upper

152 100

150 155.1 121.8 182.6

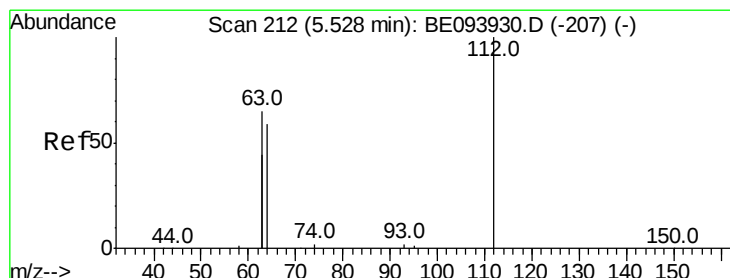
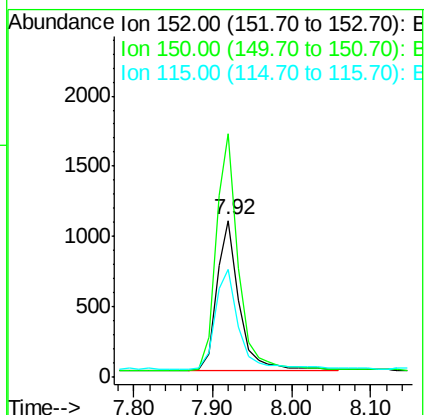
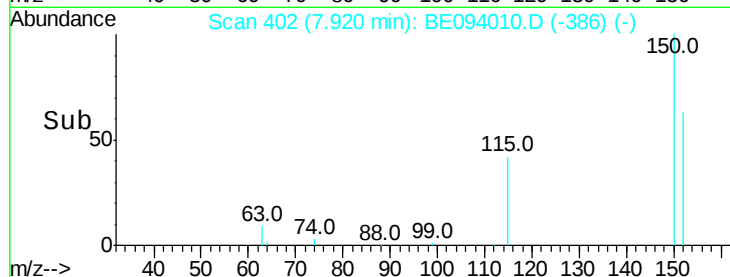
115 68.6 52.6 79.0



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: 5.52 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

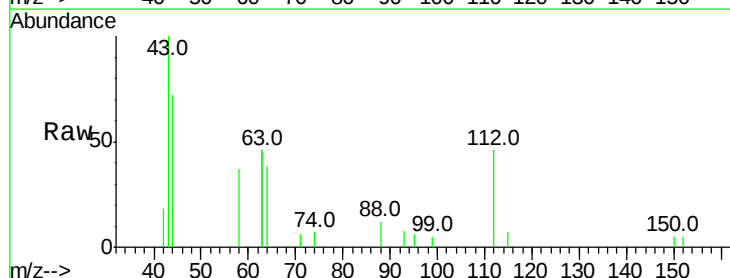
Tgt Ion:112 Resp: 947

Ion Ratio Lower Upper

112 100

64 73.9 57.7 86.5

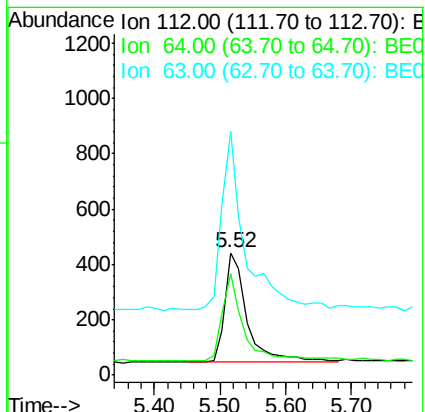
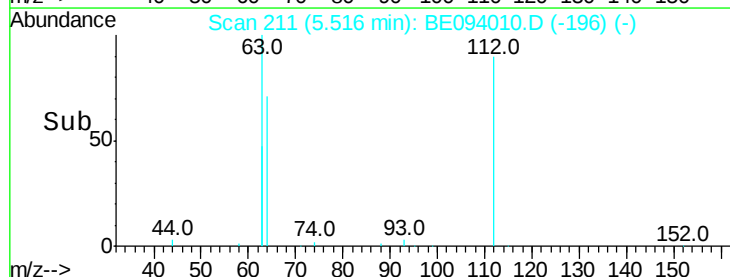
63 167.4 116.0 174.0

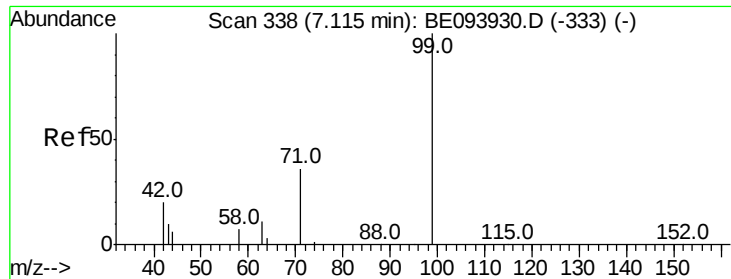


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.073 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

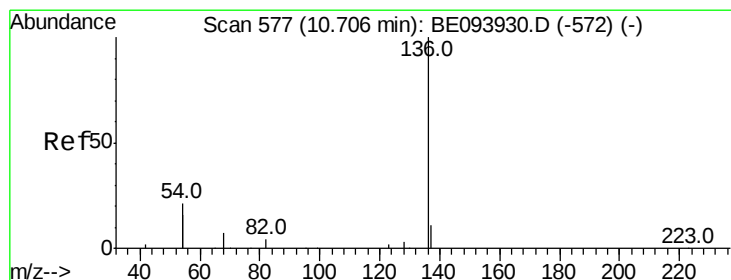
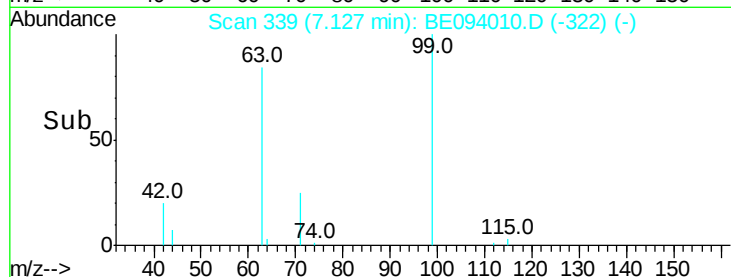
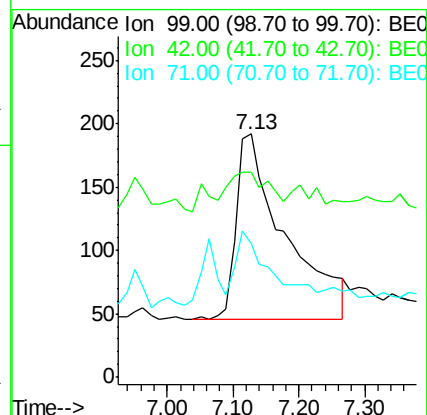
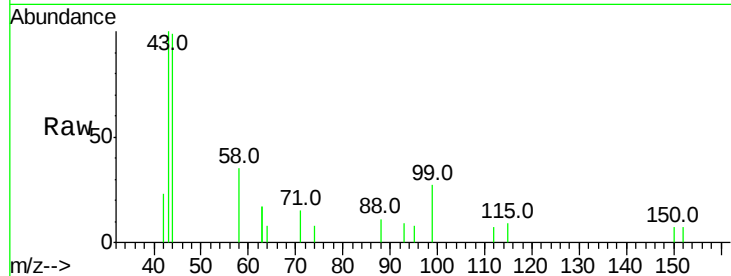
Tot Ion: 99 Resp: 749

Ion Ratio Lower Upper

99 100

42 12.1 17.1 25.7#

71 21.2 26.6 39.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Tgt Ion: 136 Resp: 10521

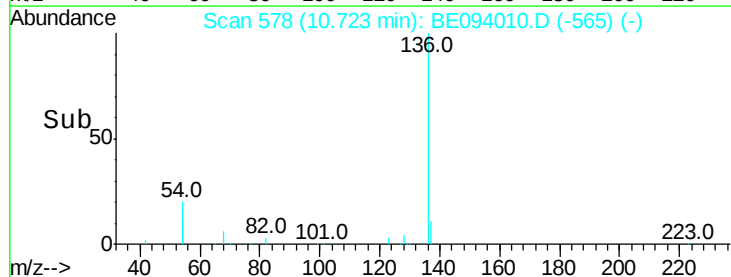
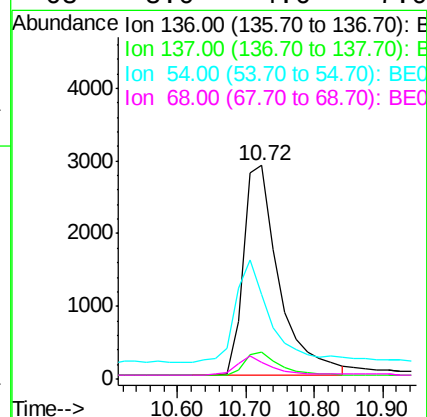
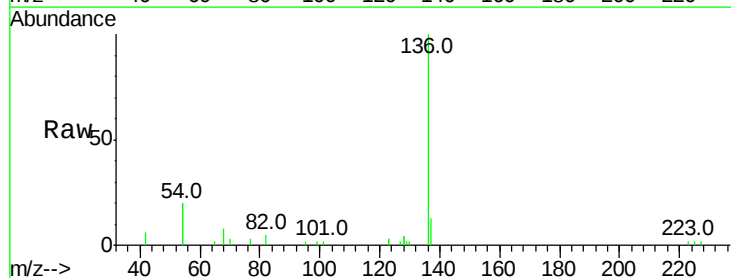
Ion Ratio Lower Upper

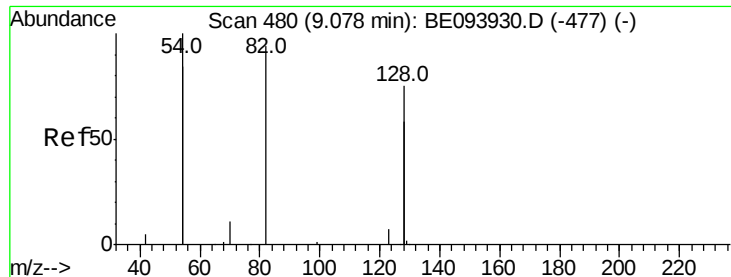
136 100

137 12.7 9.2 13.8

54 39.7 21.9 32.9#

68 8.0 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.331 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

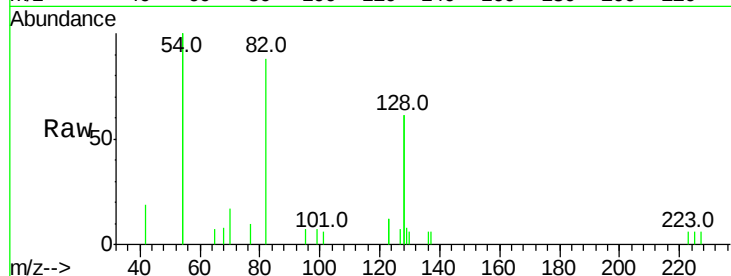
Tot Ion: 82 Resp: 2947

Ion Ratio Lower Upper

82 100

128 139.0 91.4 137.0#

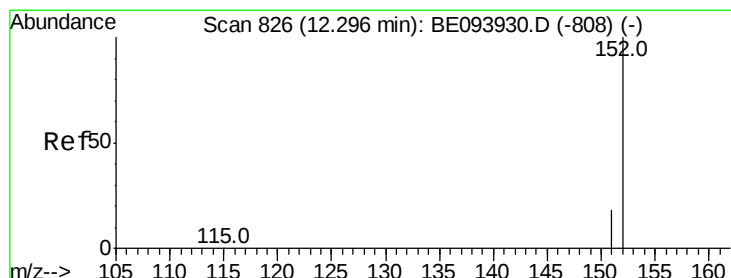
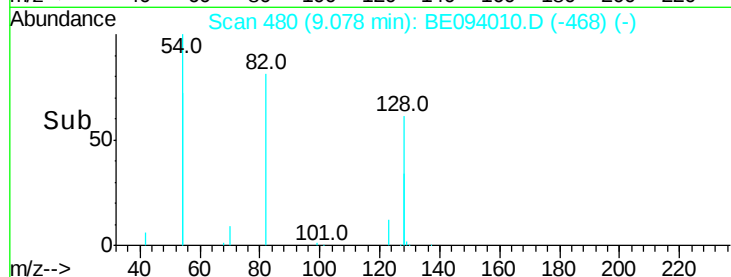
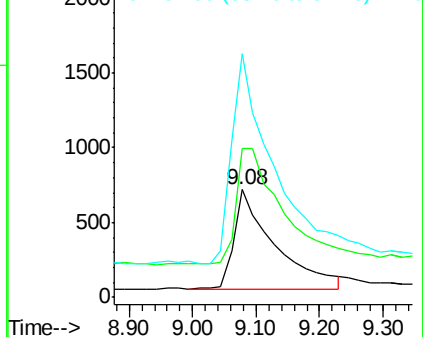
54 226.7 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE094010.D (-468) (-)

Ion 128.00 (127.70 to 128.70): BE094010.D (-468) (-)

Ion 54.00 (53.70 to 54.70): BE094010.D (-468) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.01 min

Lab File: BE094010.D

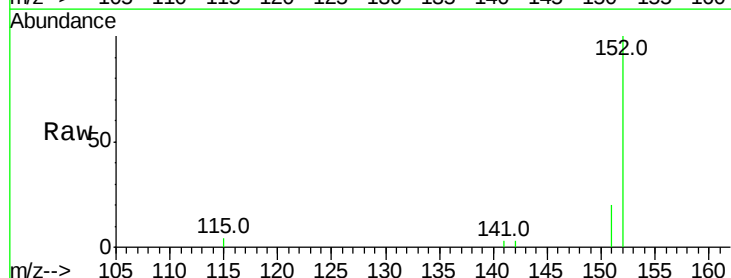
Acq: 14 Sep 2017 17:53

Tgt Ion: 152 Resp: 5649

Ion Ratio Lower Upper

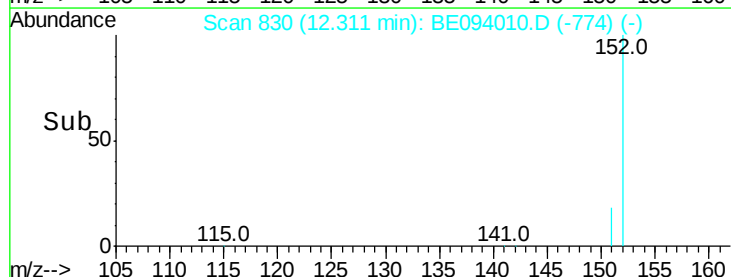
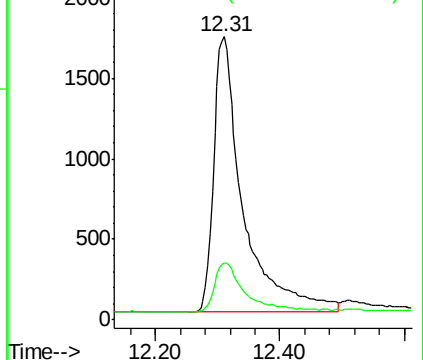
152 100

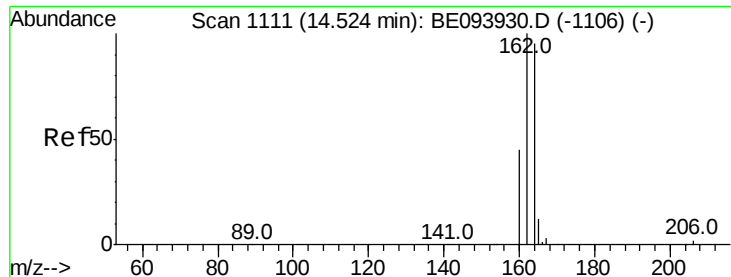
151 18.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094010.D (-774) (-)

Ion 151.00 (150.70 to 151.70): BE094010.D (-774) (-)

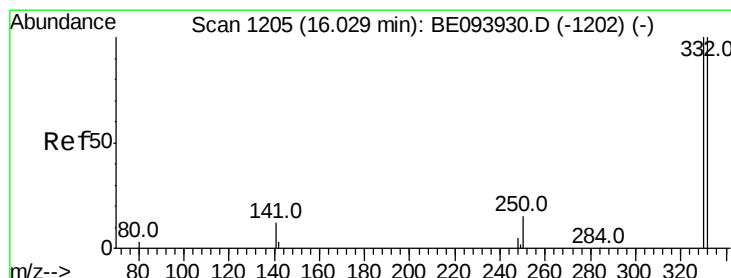
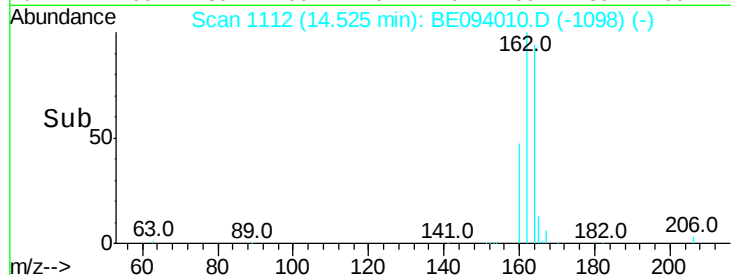
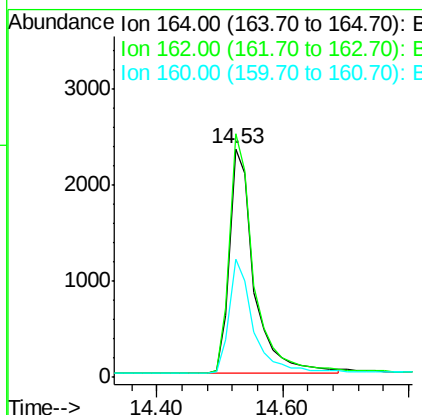
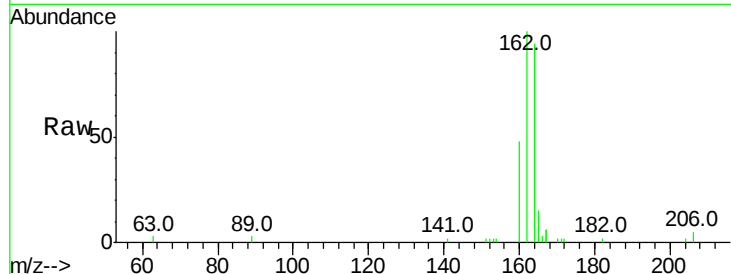




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE094010.D
 Acq: 14 Sep 2017 17:53

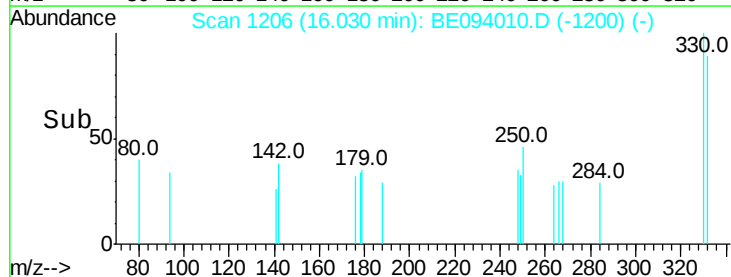
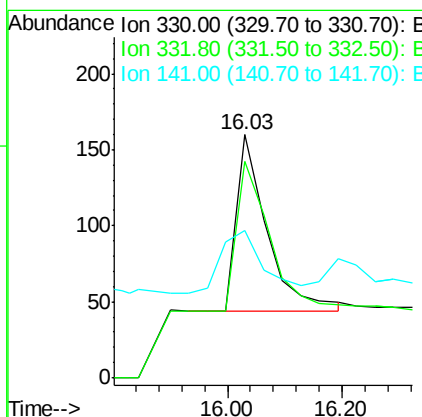
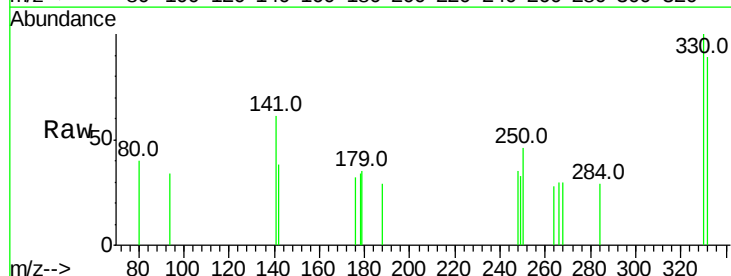
Instrument :
 BNA_E
 ClientSampleId :
 CB-01-090817

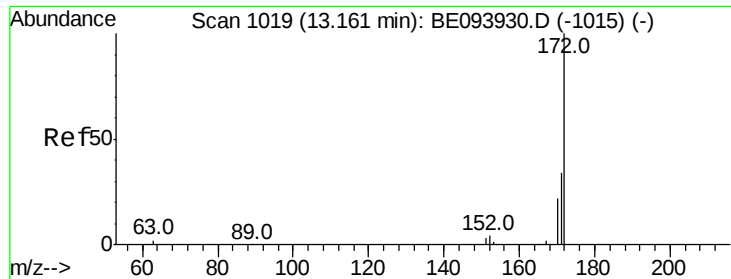
Tot Ion:164 Resp: 6285
 Ion Ratio Lower Upper
 164 100
 162 106.4 80.8 121.2
 160 51.4 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.220 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094010.D
 Acq: 14 Sep 2017 17:53

Tgt Ion:330 Resp: 428
 Ion Ratio Lower Upper
 330 100
 332 92.3 76.9 115.3
 141 48.4 0.0 0.0#

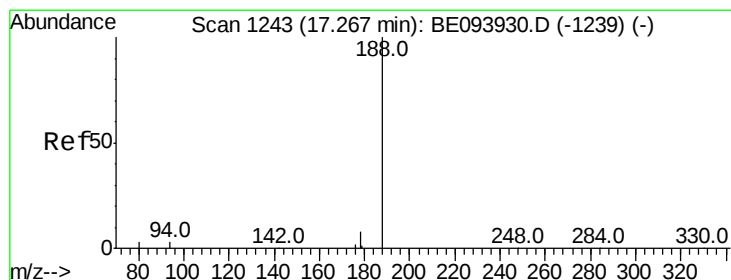
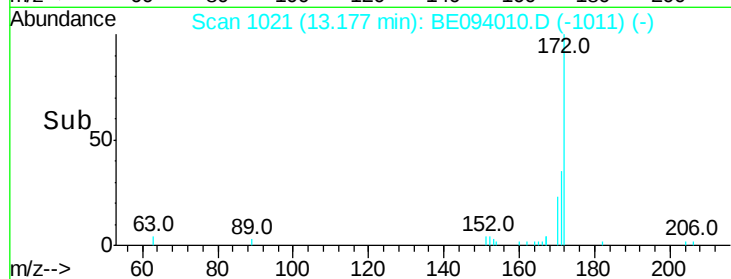
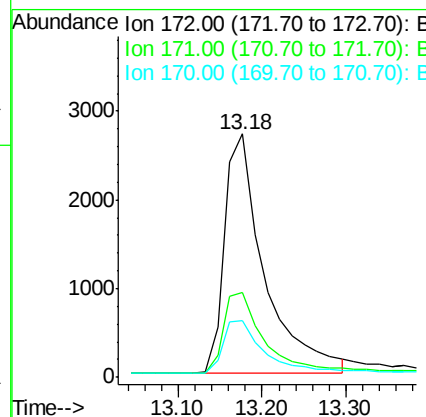
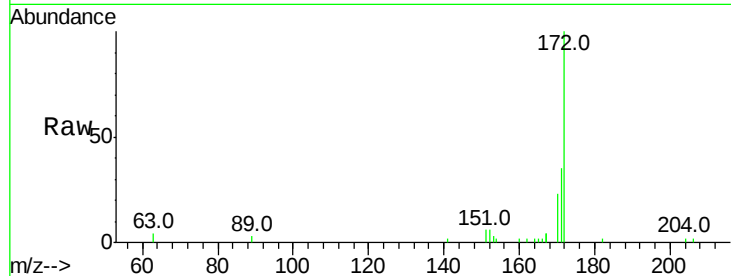




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE094010.D
Acq: 14 Sep 2017 17:53

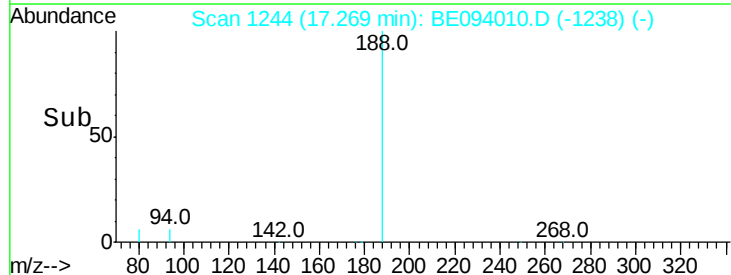
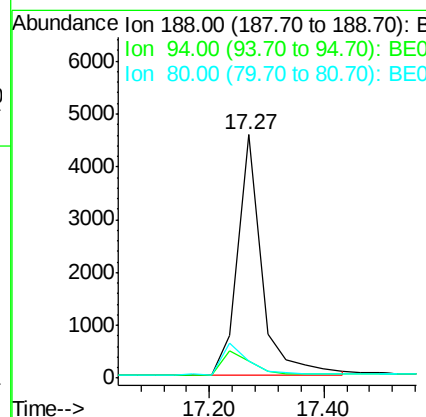
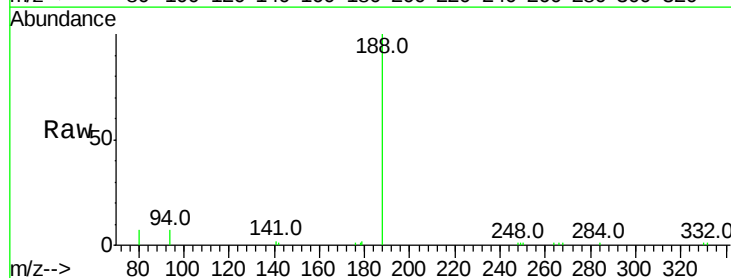
Instrument :
BNA_E
ClientSampleId :
CB-01-090817

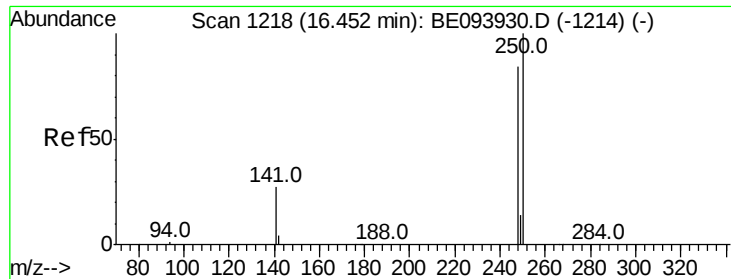
Tot Ion:172 Resp: 8943
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 23.3 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094010.D
Acq: 14 Sep 2017 17:53

Tgt Ion:188 Resp: 13332
Ion Ratio Lower Upper
188 100
94 7.1 16.1 24.1#
80 7.1 18.2 27.2#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

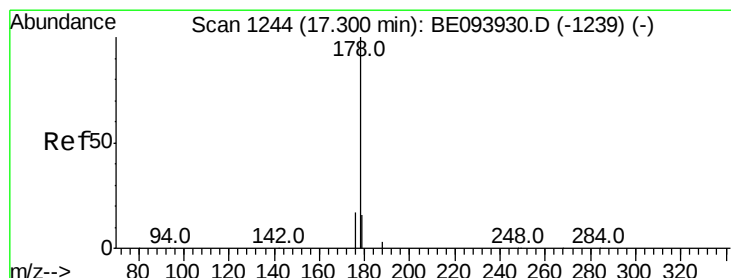
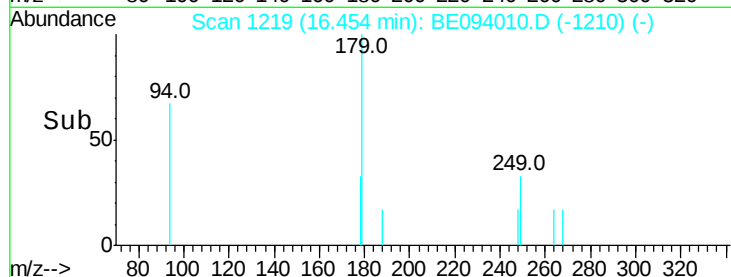
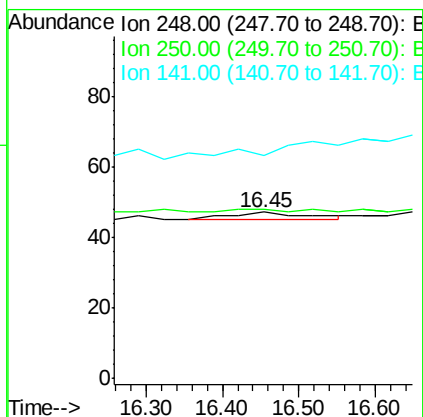
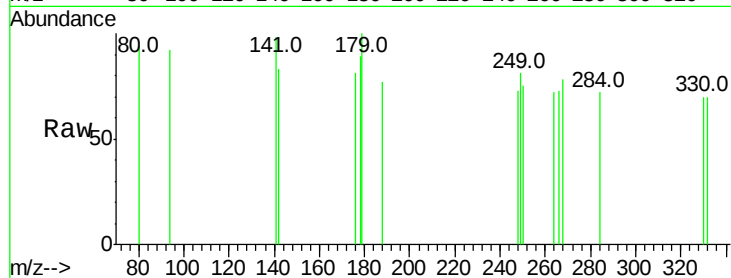
Tot Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 102.1 111.8 167.8#

141 134.0 27.1 40.7#



#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

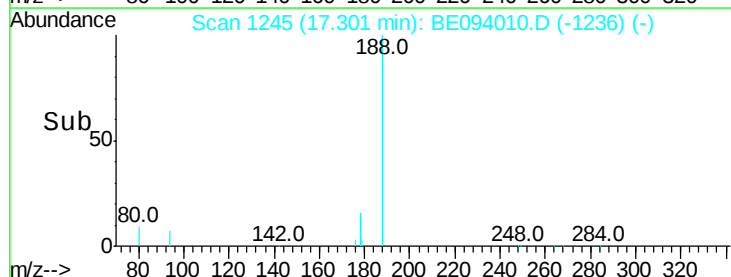
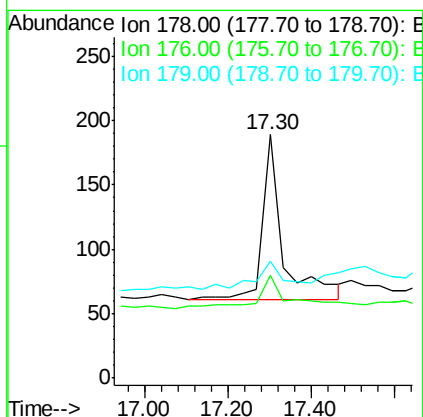
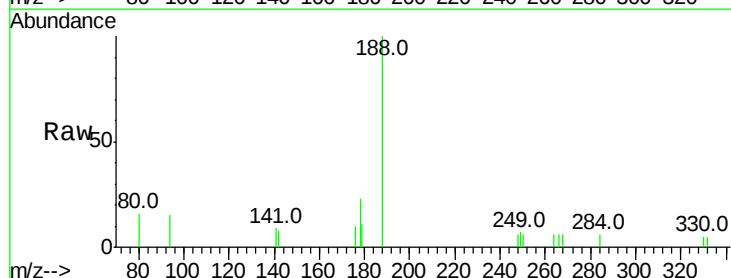
Tgt Ion:178 Resp: 444

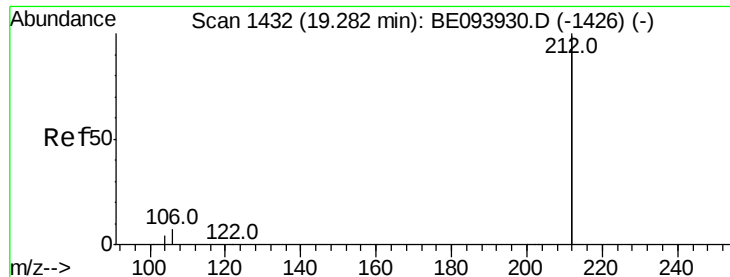
Ion Ratio Lower Upper

178 100

176 34.9 0.0 0.0#

179 25.5 12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.225 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

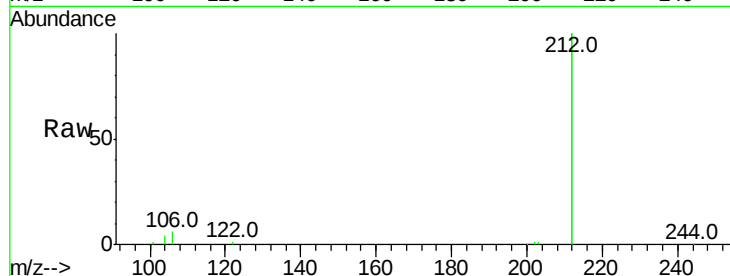
Tot Ion:212 Resp: 44714

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

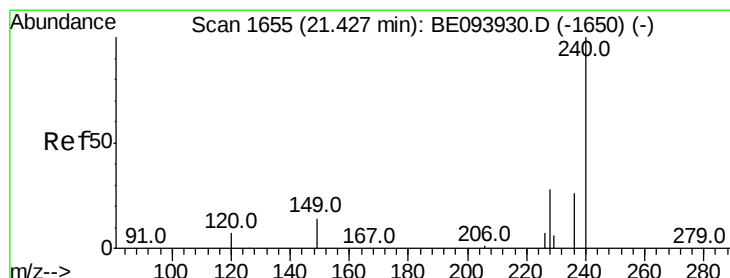
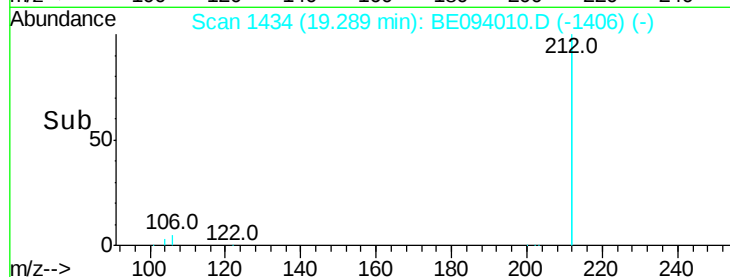
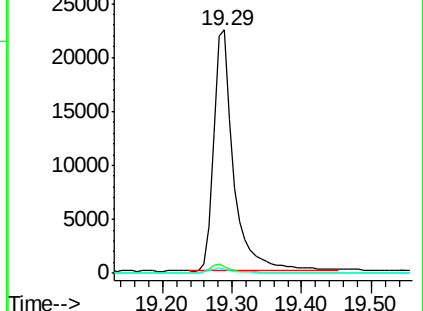
104 2.0 1.6 2.4



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: BE094010.D

Acq: 14 Sep 2017 17:53

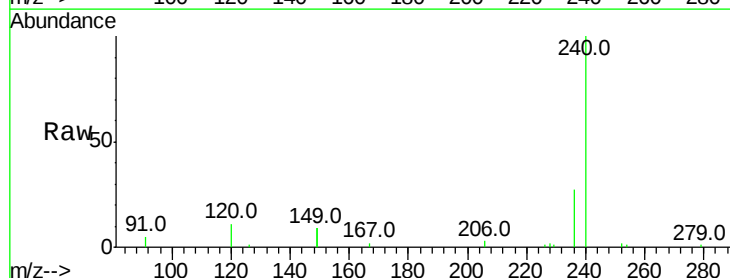
Tgt Ion:240 Resp: 14185

Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

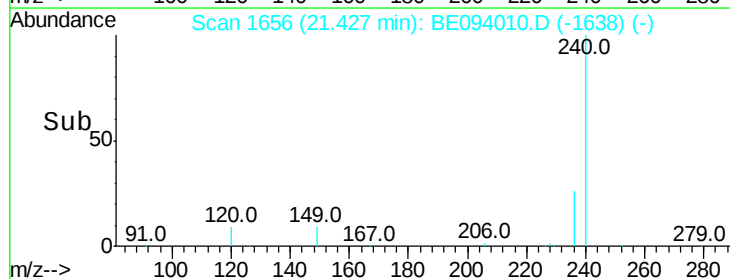
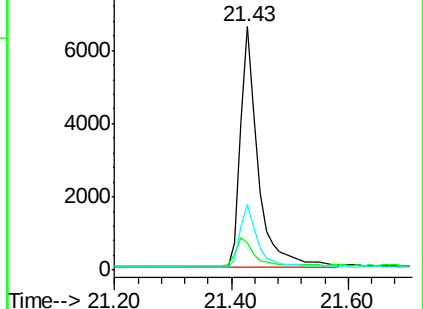
236 27.1 21.3 31.9

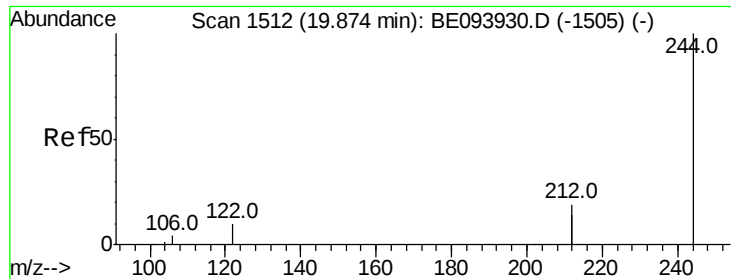


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

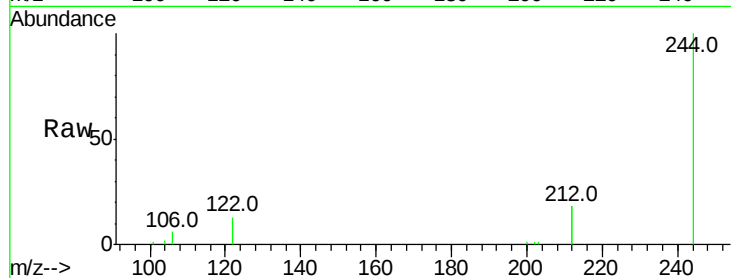
Tot Ion:244 Resp: 10858

Ion Ratio Lower Upper

244 100

212 35.8 28.3 42.5

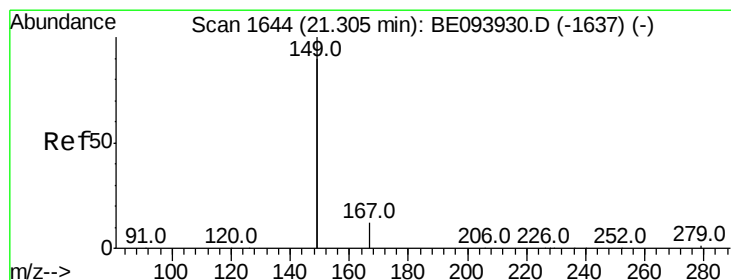
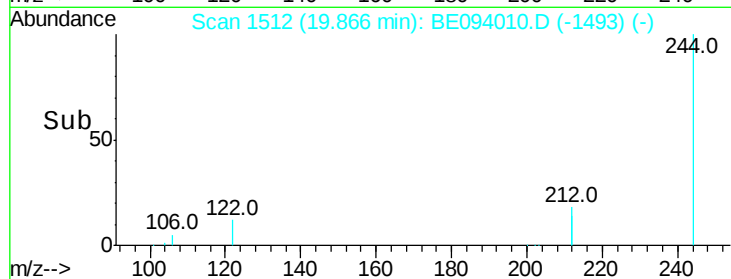
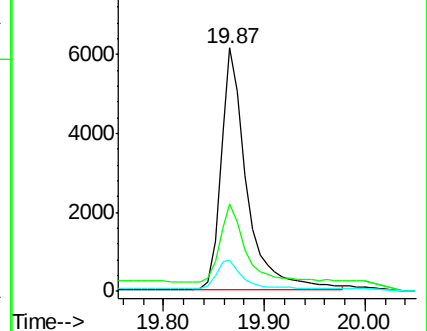
122 12.9 9.4 14.0



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: 0.031 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

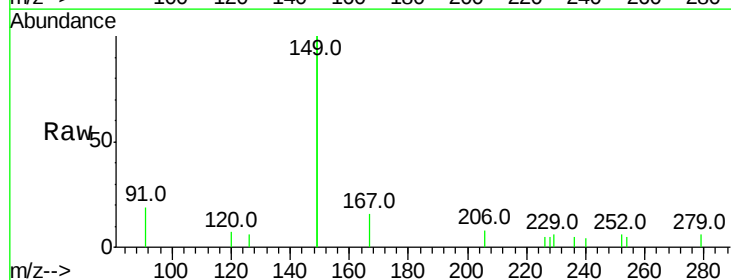
Tgt Ion:149 Resp: 3327

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

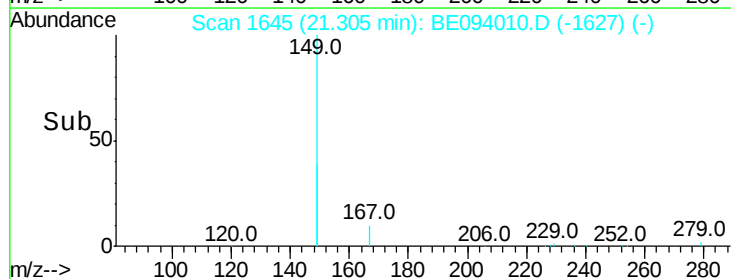
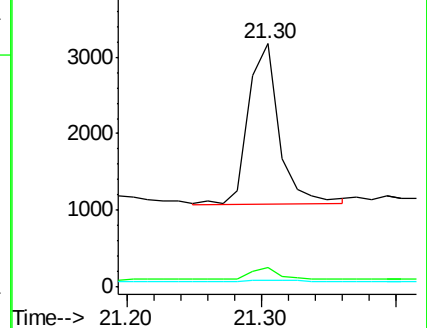
279 1.2 0.7 1.1#

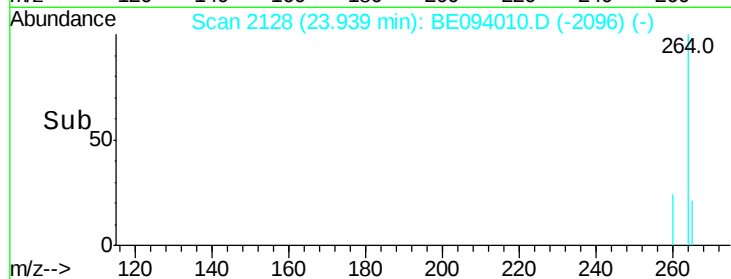
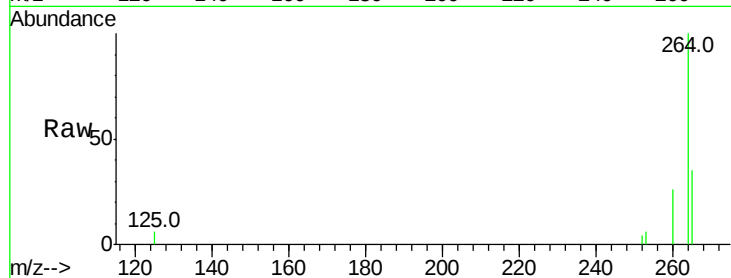
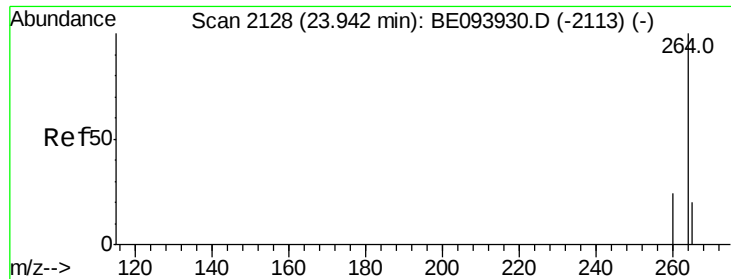


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2128

Delta R.T. -0.00 min

Lab File: BE094010.D

Acq: 14 Sep 2017 17:53

Instrument :

BNA_E

ClientSampleId :

CB-01-090817

Tot Ion: 264 Resp: 10661

Ion Ratio Lower Upper

264 100

260 25.6 20.0 30.0

265 35.2 24.0 36.0

