

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080217\
 Data File : BE093640.D
 Acq On : 2 Aug 2017 23:39
 Operator : SJ/JU
 Sample : I4425-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-28-1

Quant Time: Aug 03 04:08:46 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

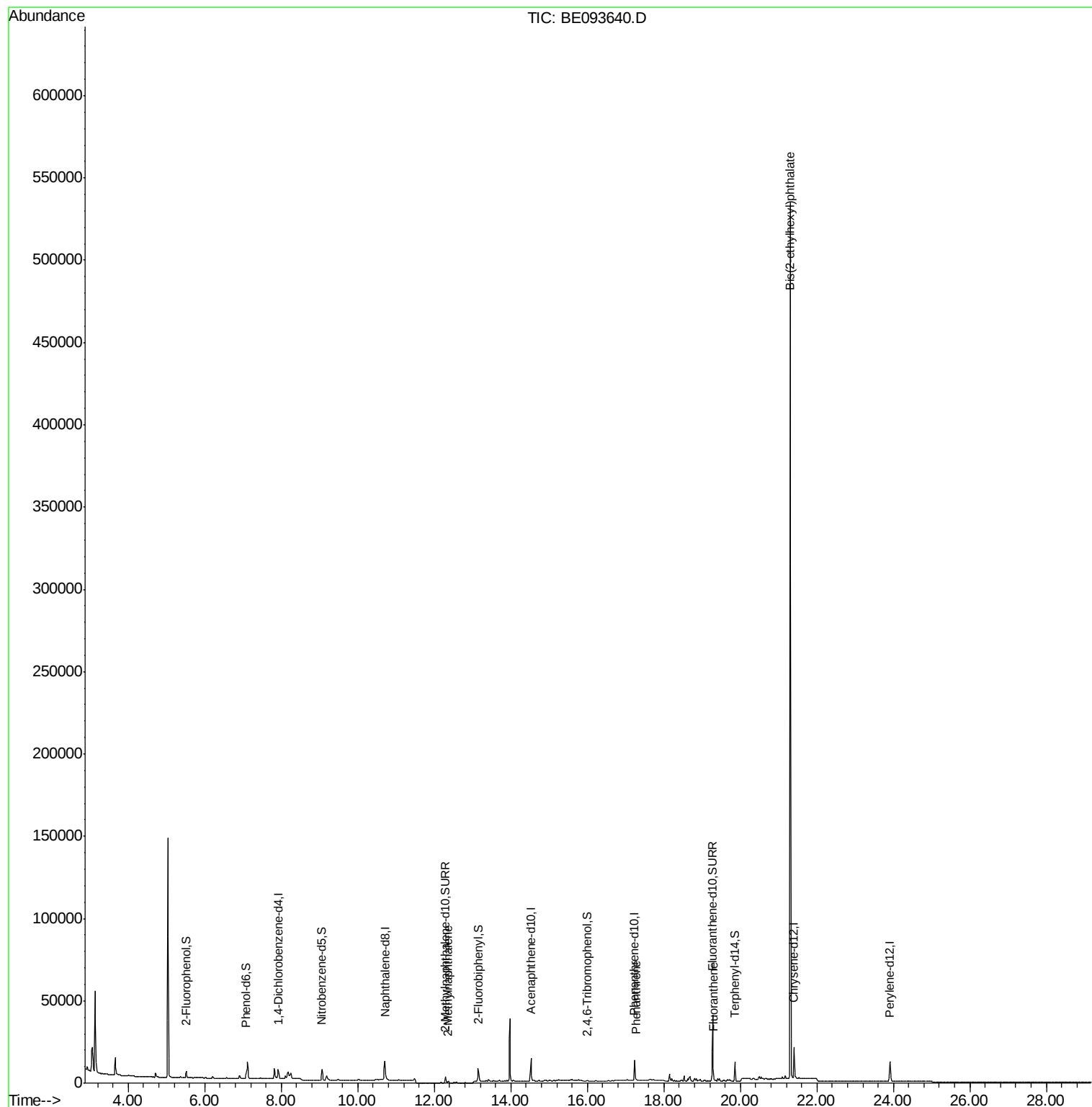
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2835	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	13467	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7898	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19871	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21275	0.40	ng	-0.01
34) Perylene-d12	23.91	264	18579	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	2234	0.26	ng	0.00
5) Phenol-d6	7.09	99	3384	0.27	ng	-0.01
8) Nitrobenzene-d5	9.06	82	2630	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4958	0.23	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	479	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7372	0.23	ng	-0.02
25) Fluoranthene-d10	19.28	212	55839	0.25	ng	0.00
29) Terphenyl-d14	19.86	244	9405	0.25	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.36	142	726	0.028	ng	97
23) Phenanthrene	17.27	178	1023	0.023	ng	# 75
26) Fluoranthene	19.30	202	1672	0.024	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.30	149	594222	6.969	ng	98

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

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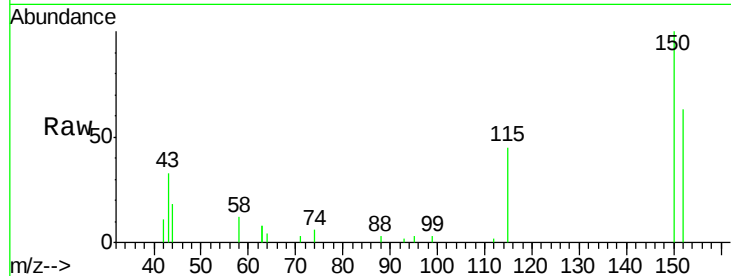


#1

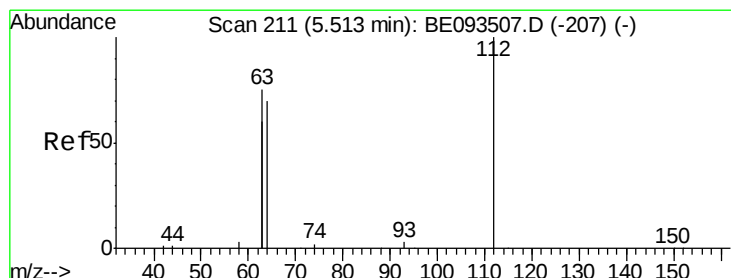
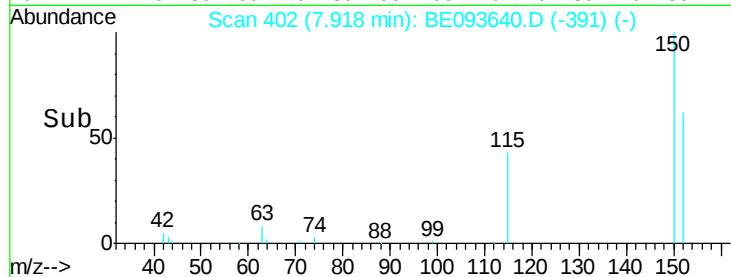
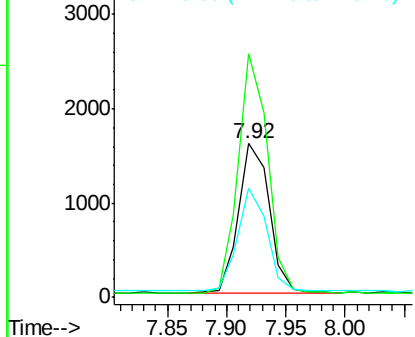
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.01 min
Lab File: BE093640.D
Acq: 2 Aug 2017 23:39

Instrument :
BNA_E
ClientSampleId :
CSSB-28-1

Tgt Ion:152 Resp: 2835
Ion Ratio Lower Upper
152 100
150 158.6 125.1 187.7
115 71.1 55.7 83.5



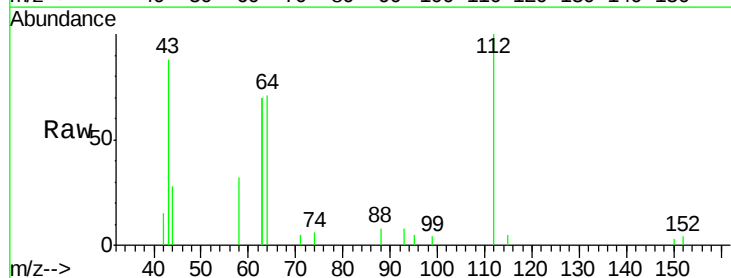
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



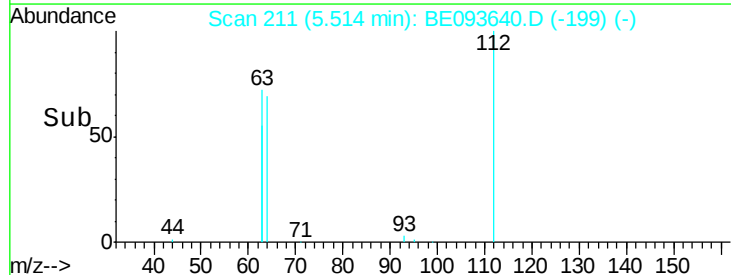
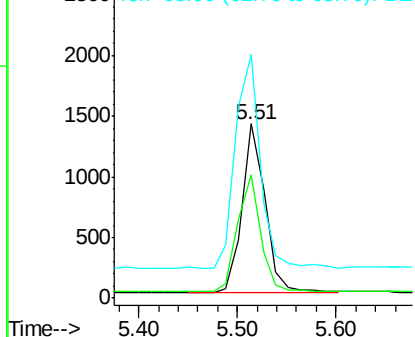
#4

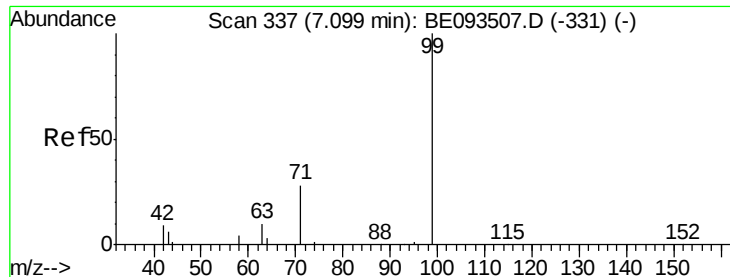
2-Fluorophenol
Concen: 0.265 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093640.D
Acq: 2 Aug 2017 23:39

Tgt Ion:112 Resp: 2234
Ion Ratio Lower Upper
112 100
64 69.7 56.4 84.6
63 138.0 29.3 43.9#



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: 0.266 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

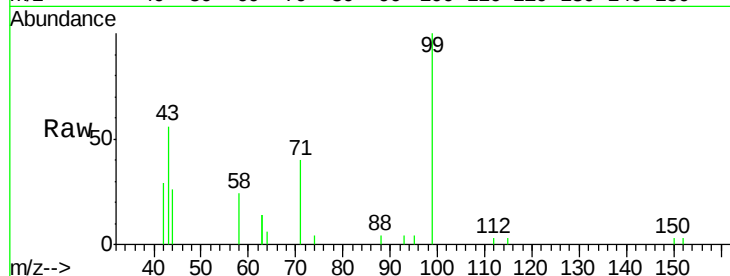
Tgt Ion: 99 Resp: 3384

Ion Ratio Lower Upper

99 100

42 35.5 0.0 0.0#

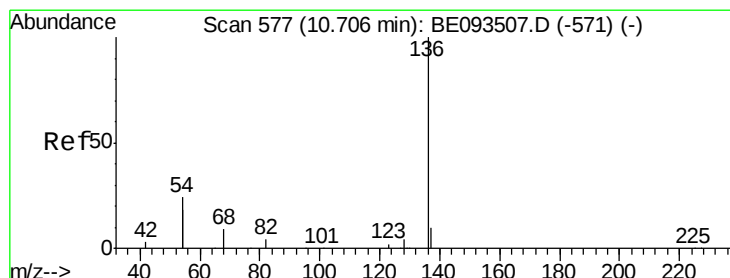
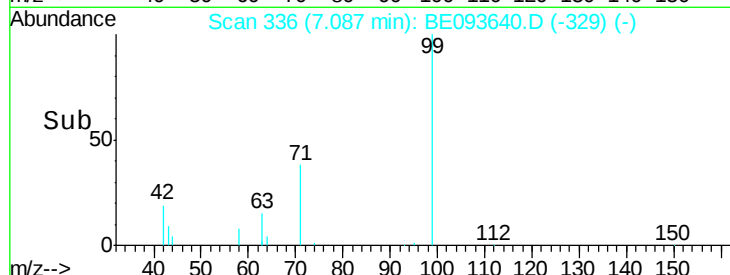
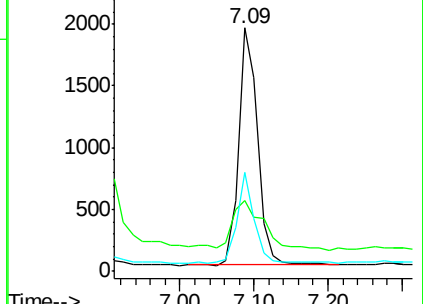
71 34.6 0.0 0.0#



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Tgt Ion: 136 Resp: 13467

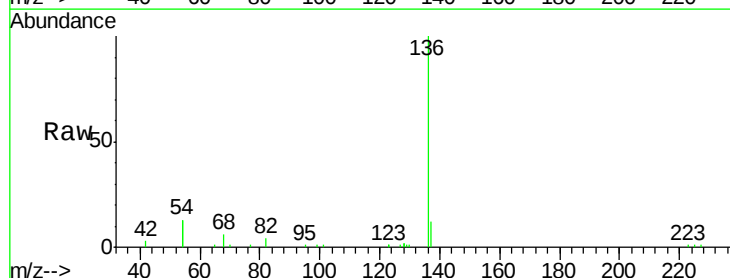
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 26.9 10.3 15.5#

68 6.0 9.0 13.4#

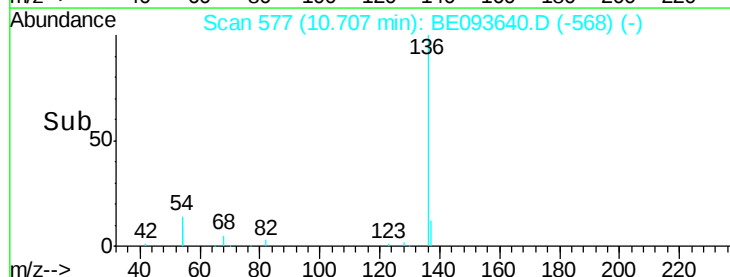
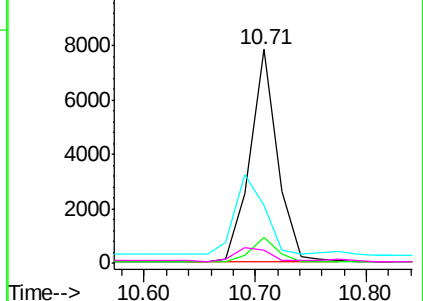


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.256 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

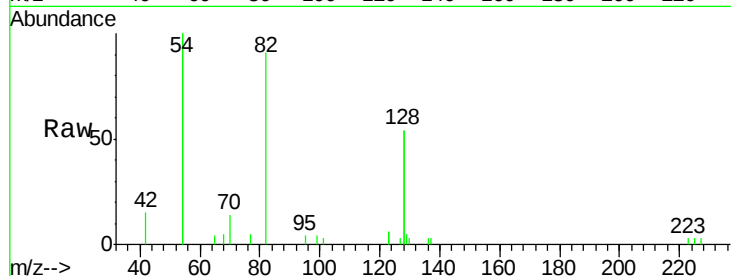
Tgt Ion: 82 Resp: 2630

Ion Ratio Lower Upper

82 100

128 119.5 17.0 25.4#

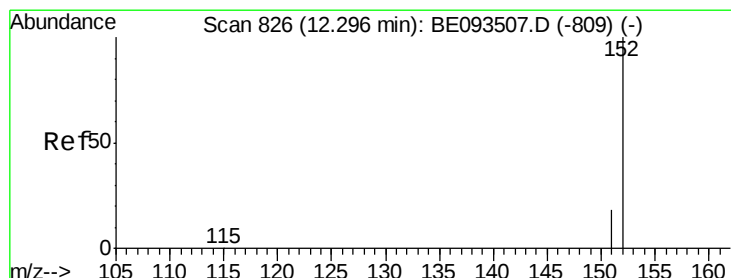
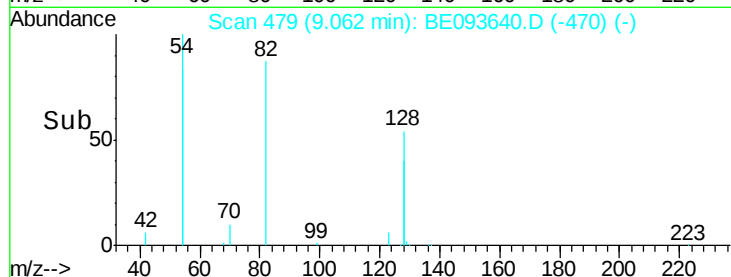
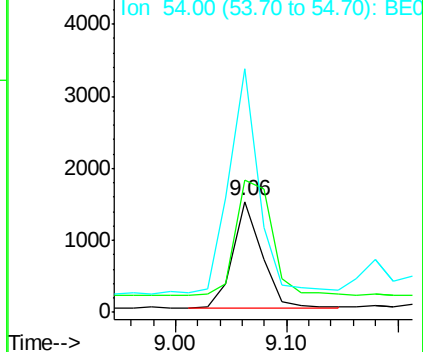
54 219.5 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093640.D (-470) (-)

Ion 128.00 (127.70 to 128.70): BE093640.D (-470) (-)

Ion 54.00 (53.70 to 54.70): BE093640.D (-470) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.233 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093640.D

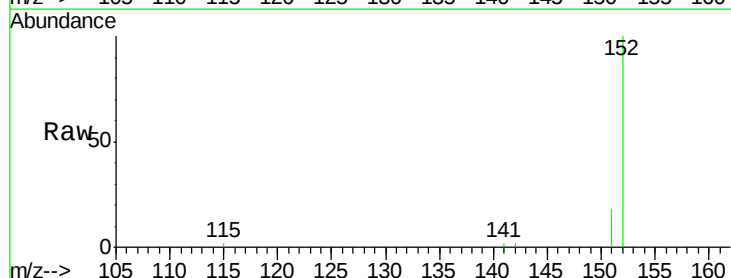
Acq: 2 Aug 2017 23:39

Tgt Ion: 152 Resp: 4958

Ion Ratio Lower Upper

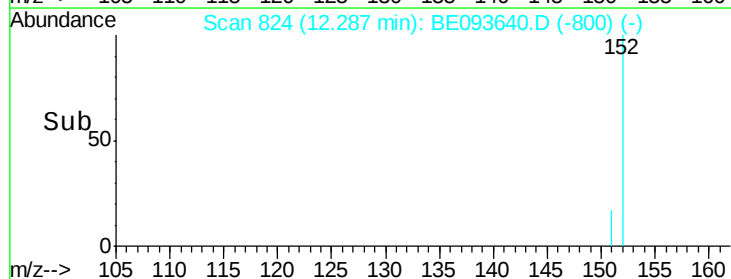
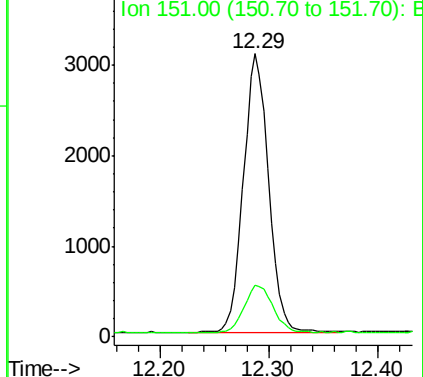
152 100

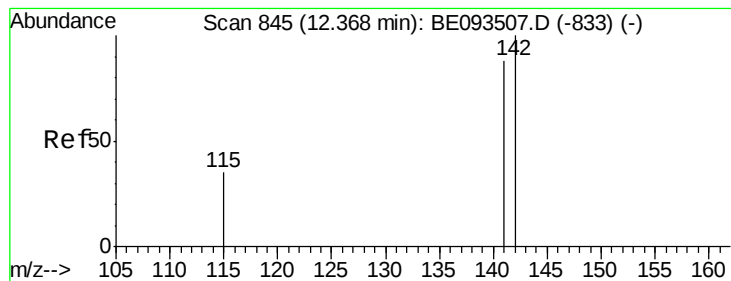
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093640.D (-800) (-)

Ion 151.00 (150.70 to 151.70): BE093640.D (-800) (-)





#12

2-Methylnaphthalene

Concen: 0.028 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

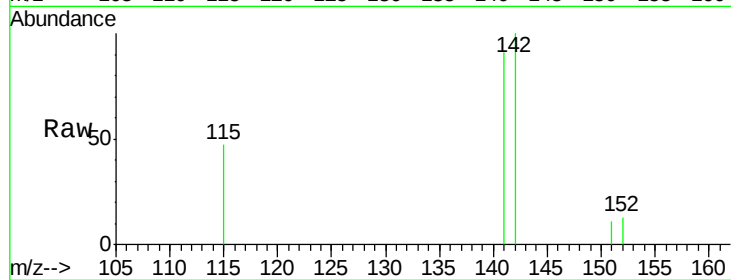
Tgt Ion:142 Resp: 726

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

115 46.9 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

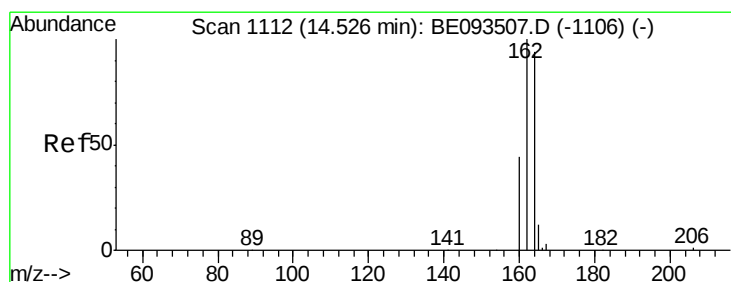
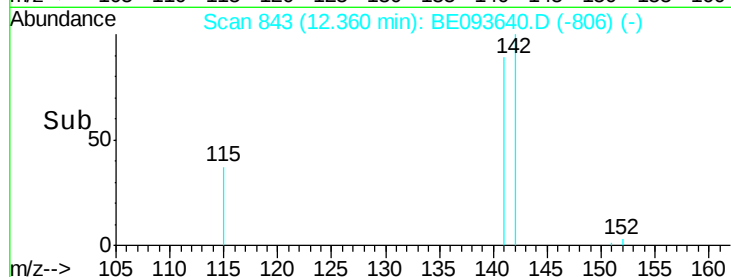
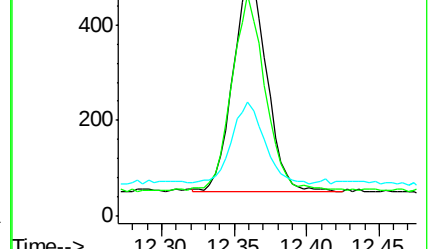
Ion 115.00 (114.70 to 115.70): E

12.36

400

200

0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

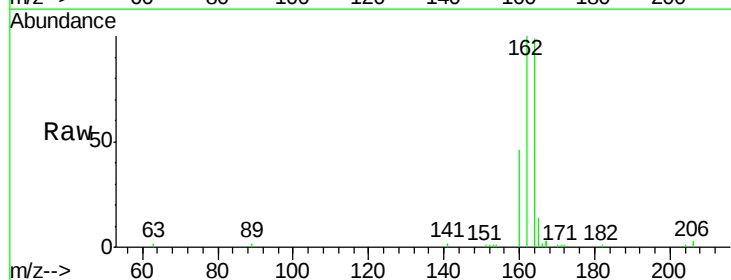
Tgt Ion:164 Resp: 7898

Ion Ratio Lower Upper

164 100

162 101.4 84.6 127.0

160 46.7 41.8 62.6



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

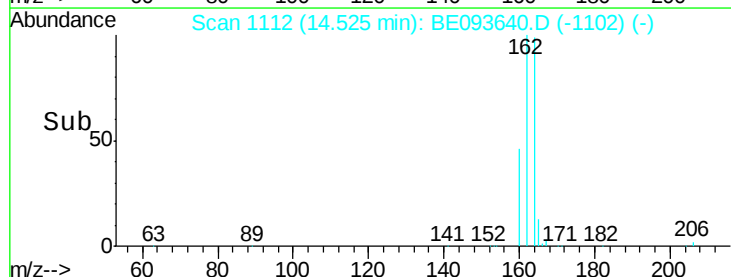
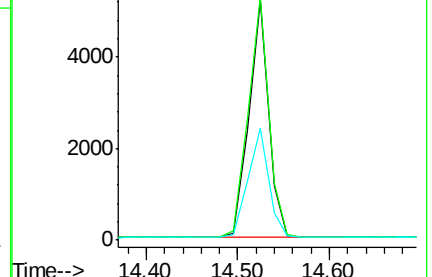
14.52

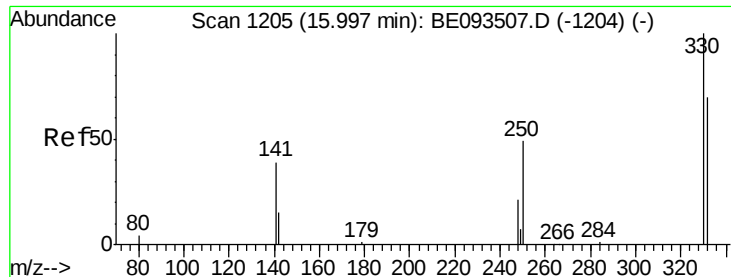
6000

4000

2000

0

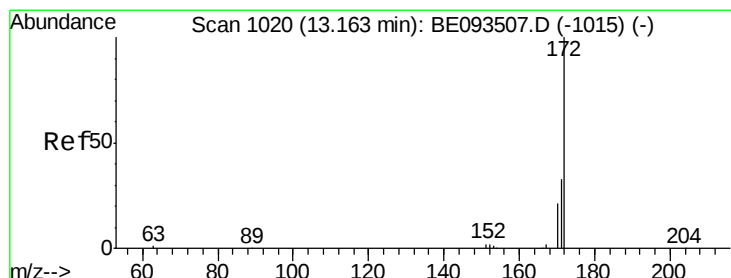
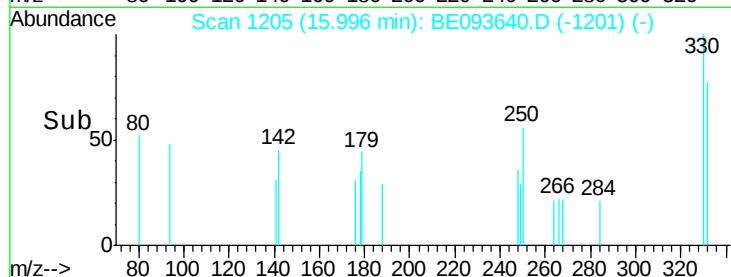
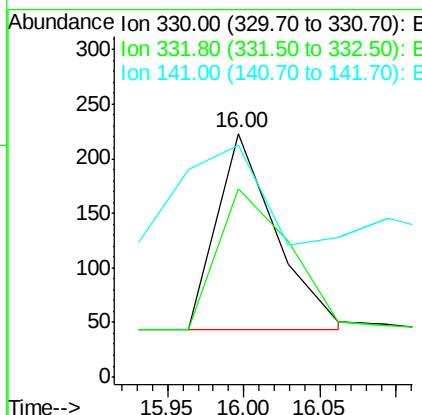
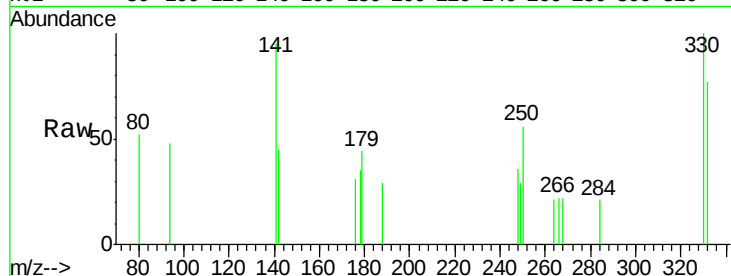




#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

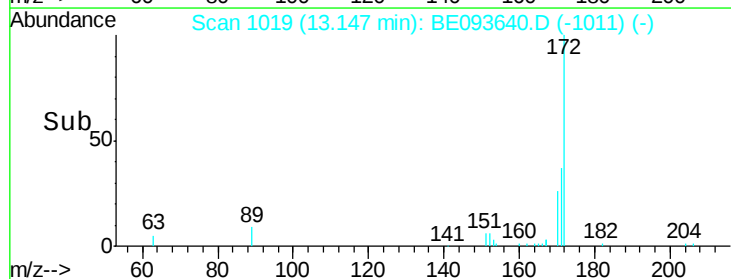
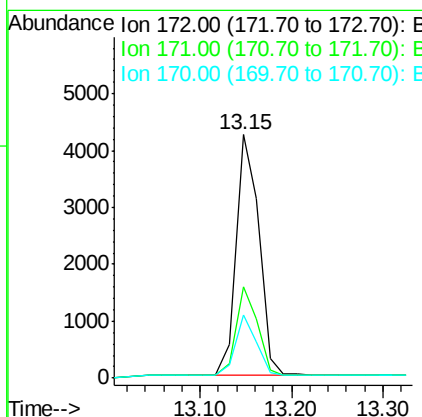
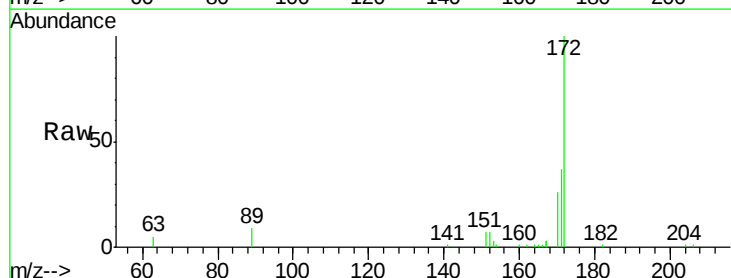
Instrument :
 BNA_E
 ClientSampleId :
 CSSB-28-1

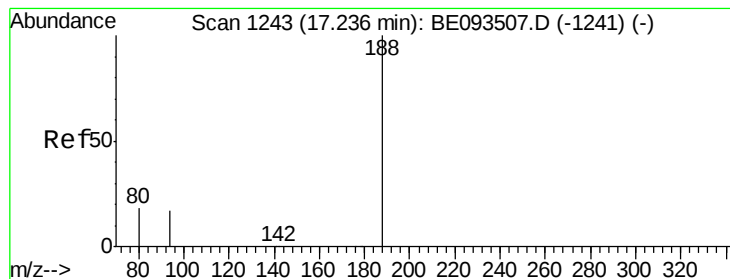
Tgt Ion: 330 Resp: 479
 Ion Ratio Lower Upper
 330 100
 332 87.5 77.7 116.5
 141 65.3 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.233 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

Tgt Ion: 172 Resp: 7372
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 26.0 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

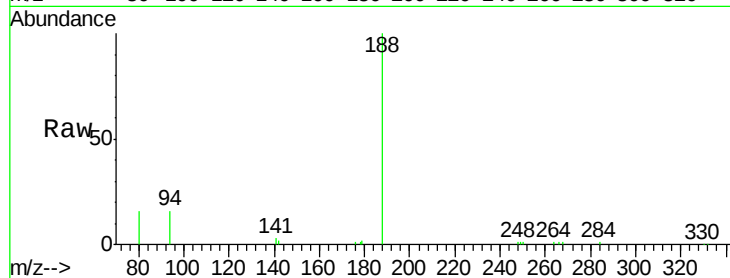
Tgt Ion:188 Resp: 19871

Ion Ratio Lower Upper

188 100

94 15.5 11.3 16.9

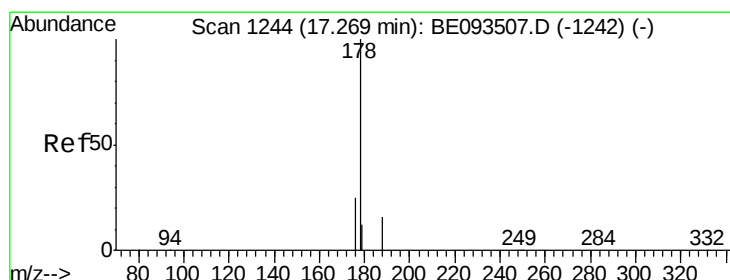
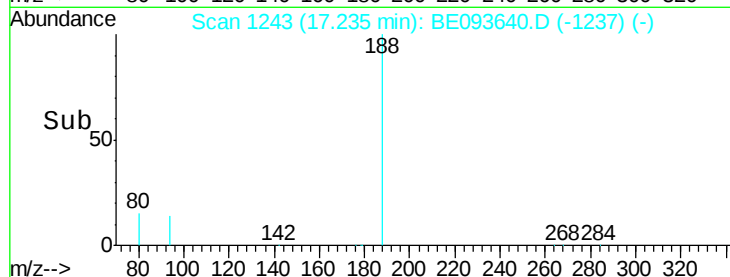
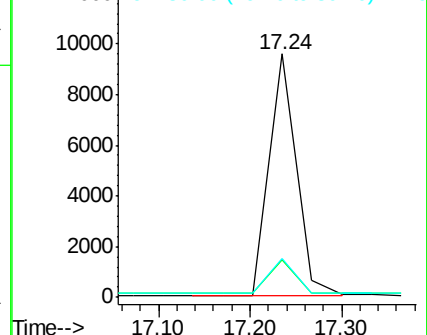
80 16.2 11.7 17.5



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



#23

Phenanthrene

Concen: 0.023 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

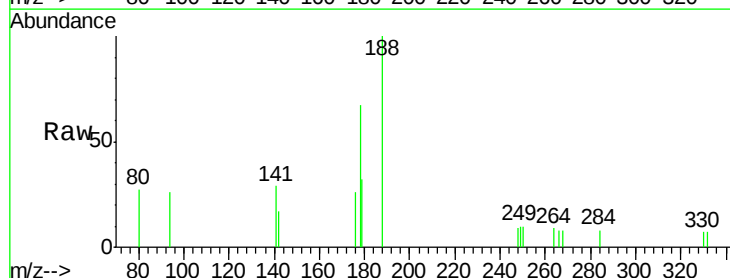
Tgt Ion:178 Resp: 1023

Ion Ratio Lower Upper

178 100

176 24.2 15.0 22.4#

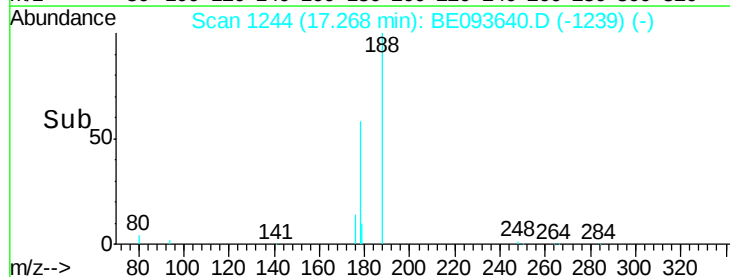
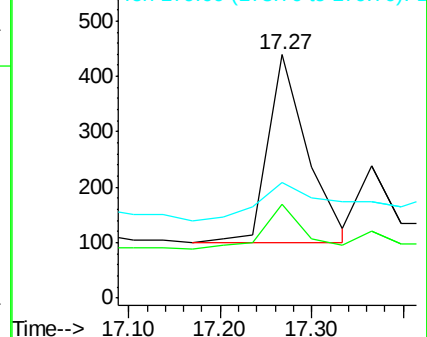
179 33.0 12.7 19.1#

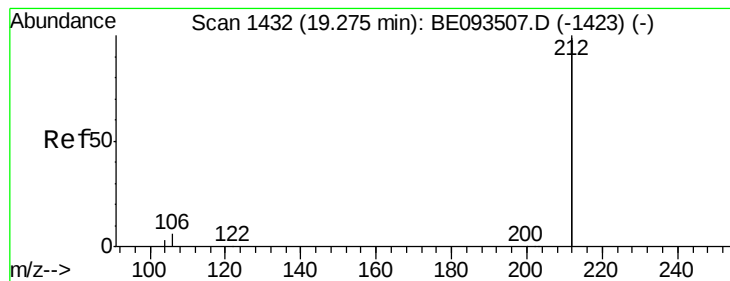


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

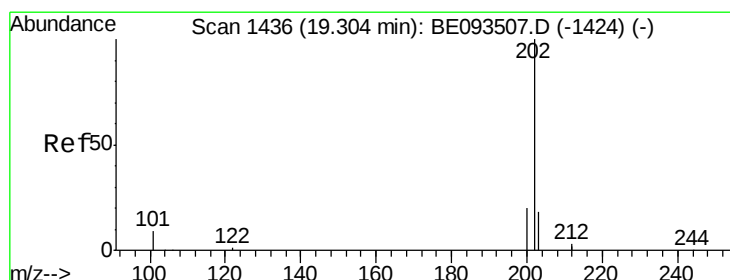
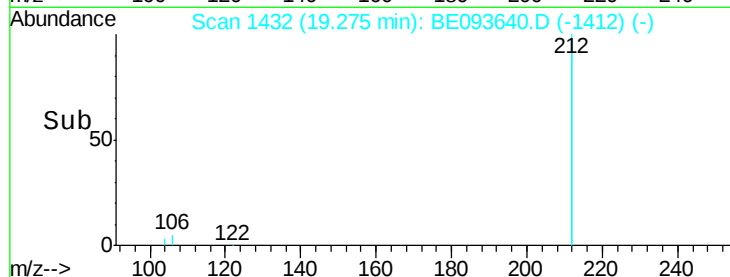
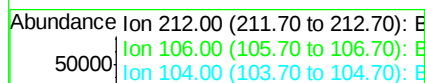
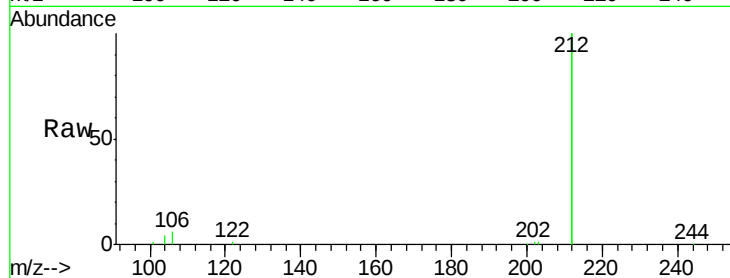
Tgt Ion:212 Resp: 55839

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 2.2 1.6 2.4



#26

Fluoranthene

Concen: 0.024 ng

RT: 19.30 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

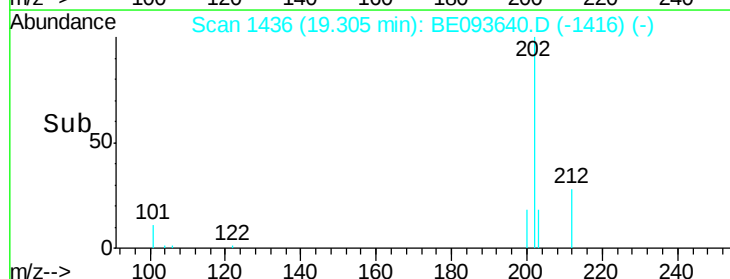
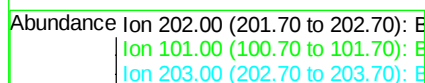
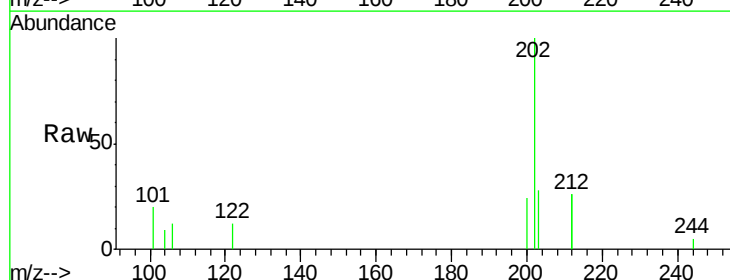
Tgt Ion:202 Resp: 1672

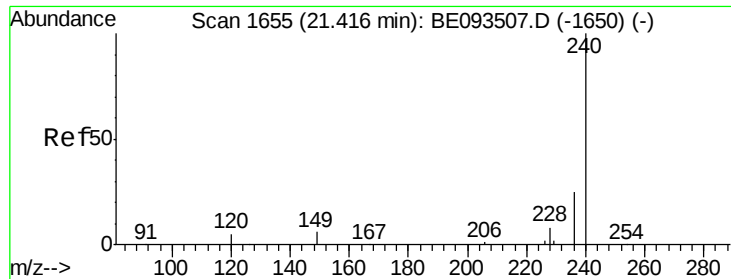
Ion Ratio Lower Upper

202 100

101 22.2 9.6 14.4#

203 21.9 14.4 21.6#

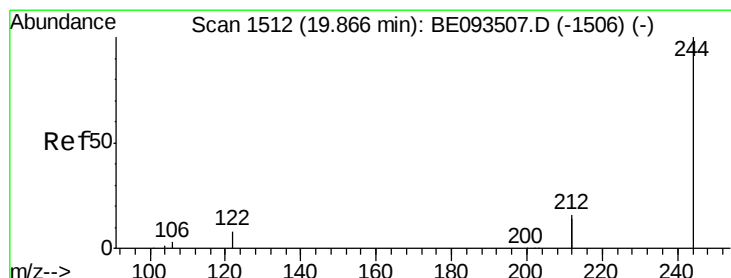
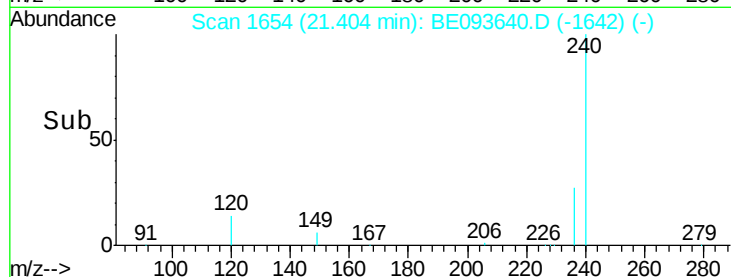
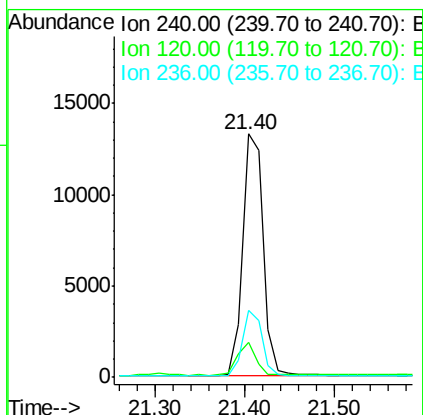
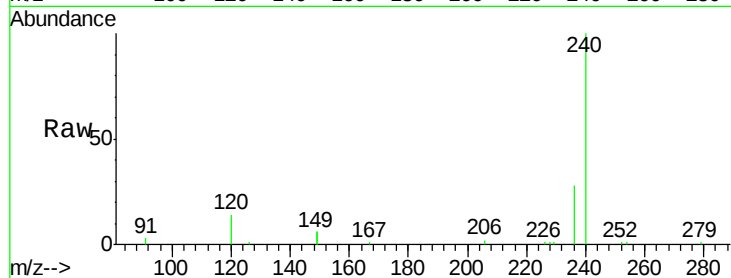




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

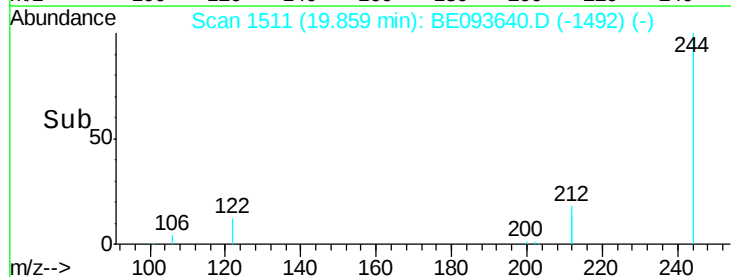
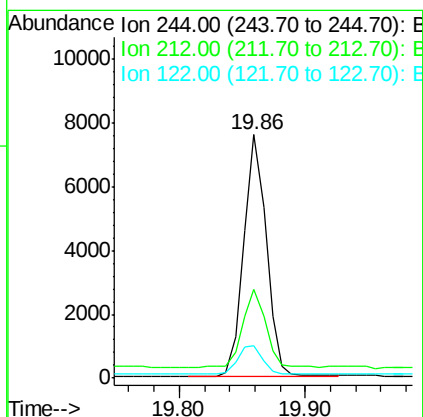
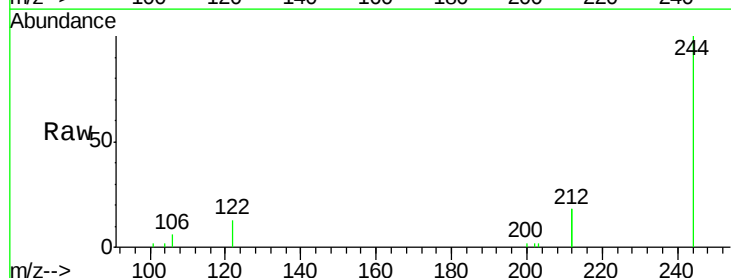
Instrument :
 BNA_E
 ClientSampleId :
 CSSB-28-1

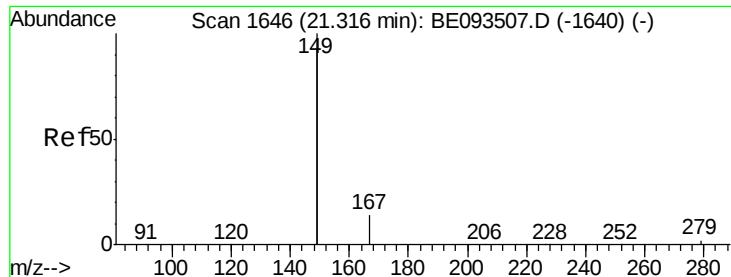
Tgt Ion:240 Resp: 21275
 Ion Ratio Lower Upper
 240 100
 120 14.4 4.6 7.0#
 236 27.5 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.246 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

Tgt Ion:244 Resp: 9405
 Ion Ratio Lower Upper
 244 100
 212 36.4 10.6 16.0#
 122 13.3 15.4 23.0#

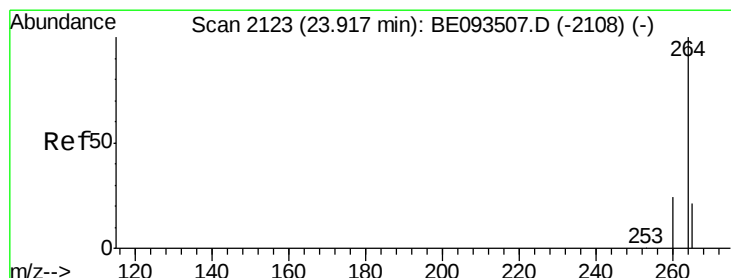
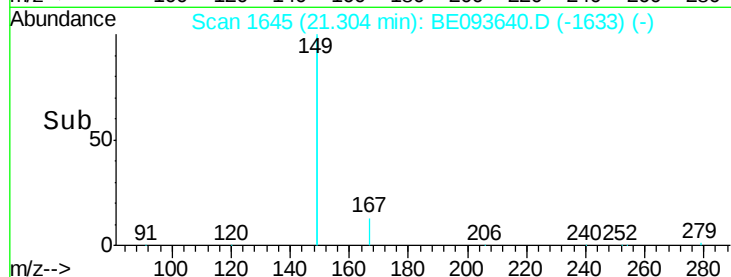
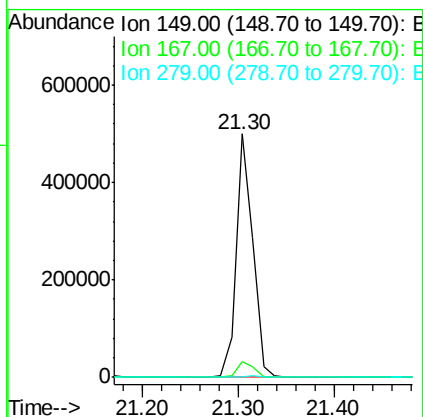
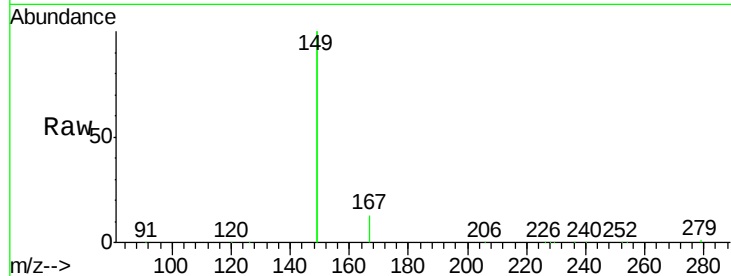




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 6.969 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-28-1

Tgt Ion:149 Resp: 594222
 Ion Ratio Lower Upper
 149 100
 167 6.7 4.8 7.2
 279 0.9 0.8 1.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

Tgt Ion:264 Resp: 18579
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.0 31.4
 265 25.2 24.6 36.8

