

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 : I4426-07
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSSB-28-1

Quant Time: Aug 03 02:49:39 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

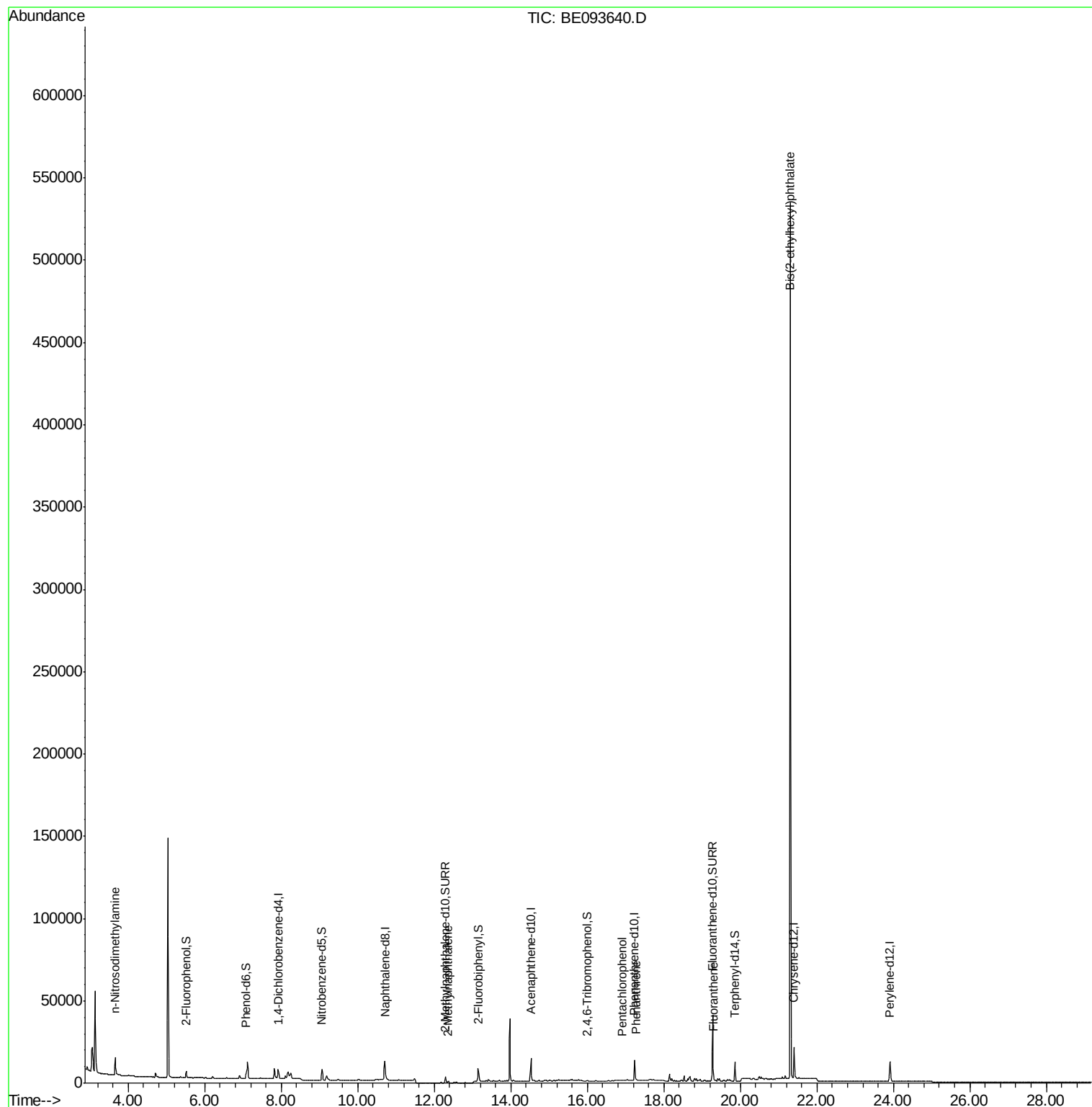
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	2228	0.518	ng	# 1
12) 2-Methylnaphthalene	12.36	142	726	0.028	ng	# 97
20) 4-Bromophenyl-phenylether	16.45	248	43	Below Cal		# 17
21) Hexachlorobenzene	16.58	284	33	Below Cal		# 100
22) Pentachlorophenol	16.91	266	31	0.158	ng	# 61
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

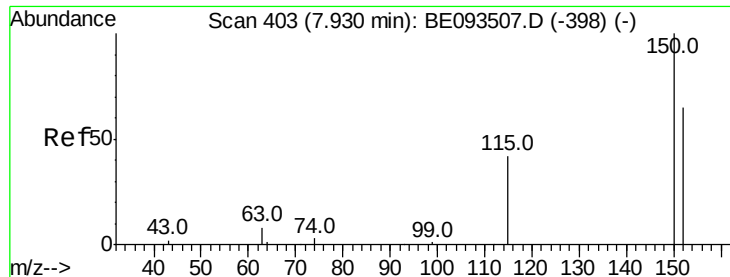
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

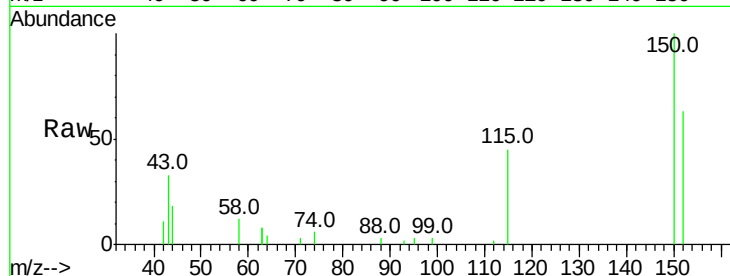
Tot Ion:152 Resp: 2835

Ion Ratio Lower Upper

152 100

150 158.6 125.1 187.7

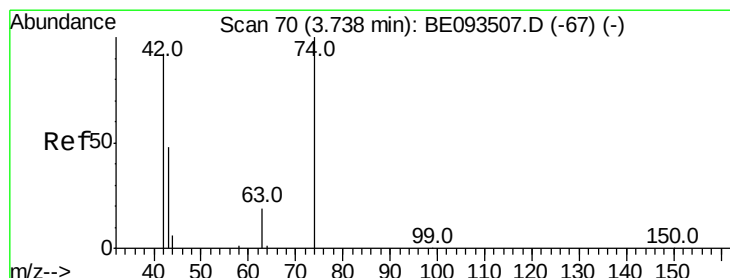
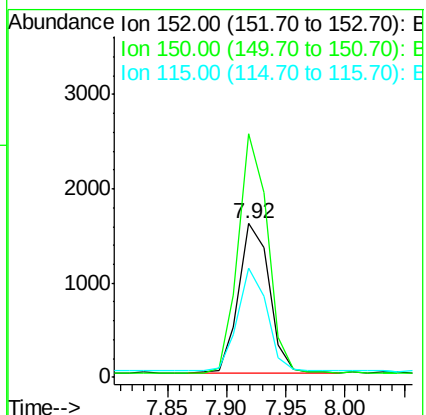
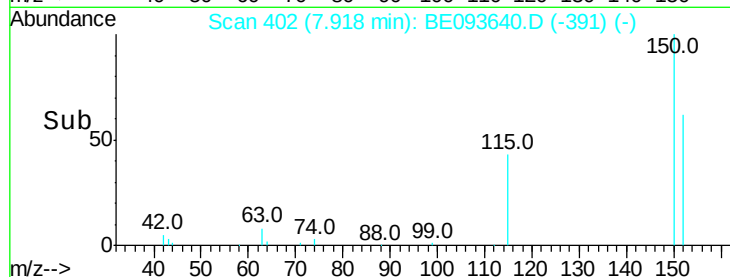
115 71.1 55.7 83.5



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



#3

n-Nitrosodimethylamine

Concen: 0.518 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.07 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

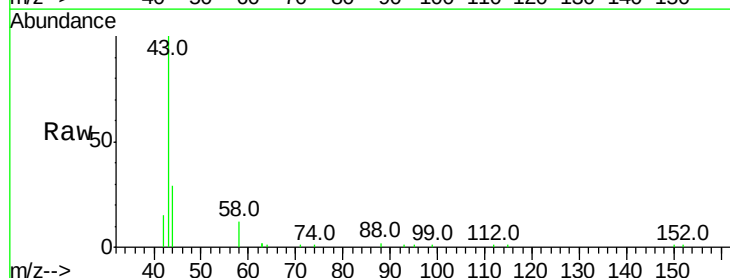
Tgt Ion: 42 Resp: 2228

Ion Ratio Lower Upper

42 100

74 1.0 99.1 148.7#

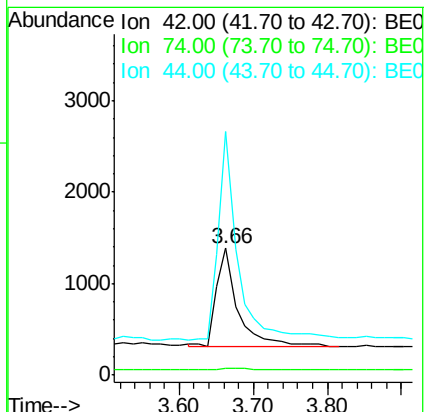
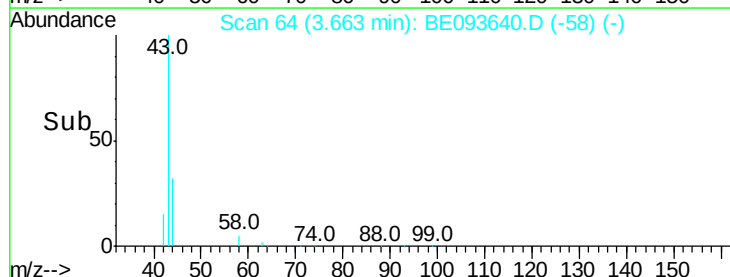
44 190.9 7.4 11.2#

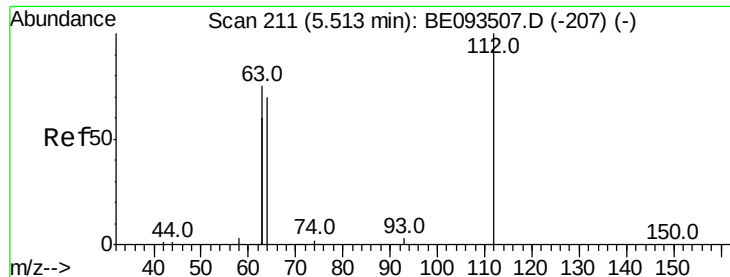


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.265 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

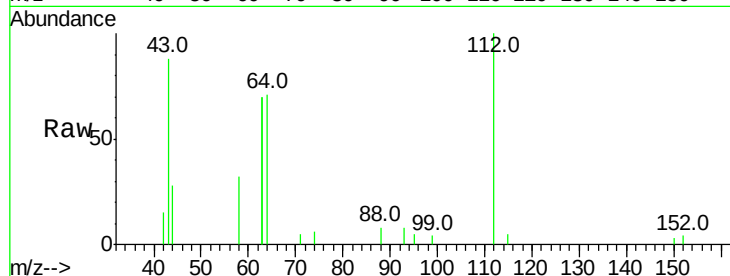
Tot Ion:112 Resp: 2234

Ion Ratio Lower Upper

112 100

64 69.7 56.4 84.6

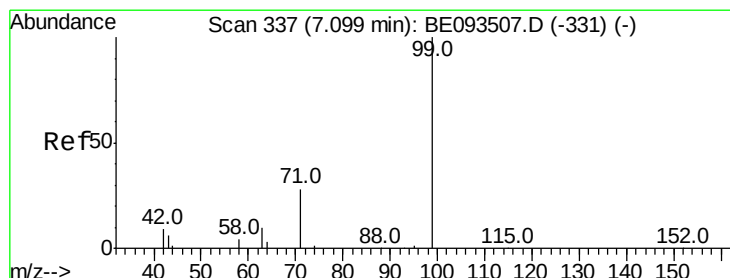
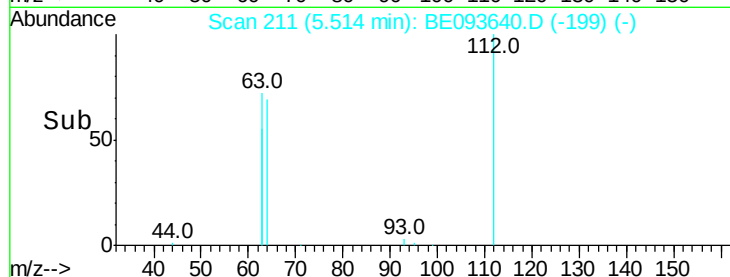
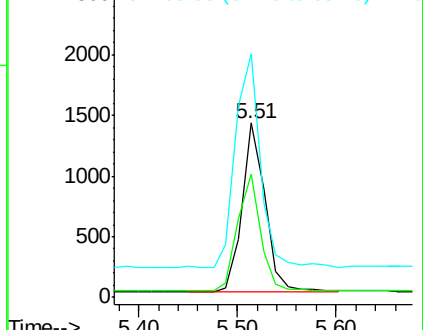
63 138.0 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

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

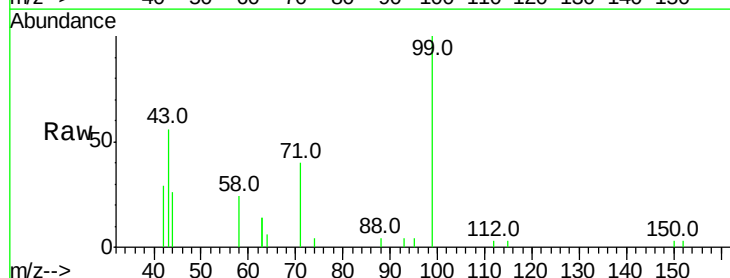
Tgt Ion: 99 Resp: 3384

Ion Ratio Lower Upper

99 100

42 35.5 0.0 0.0#

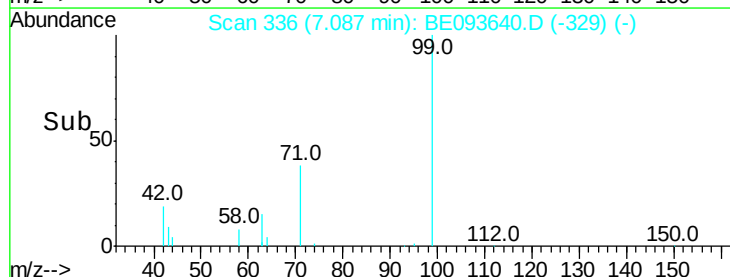
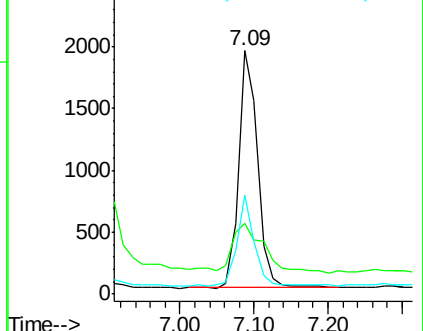
71 34.6 0.0 0.0#

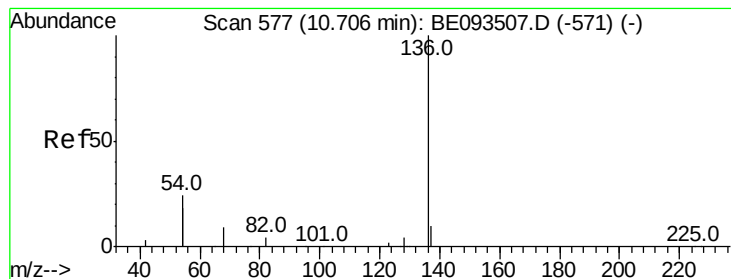


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

Tot Ion:136 Resp: 13467

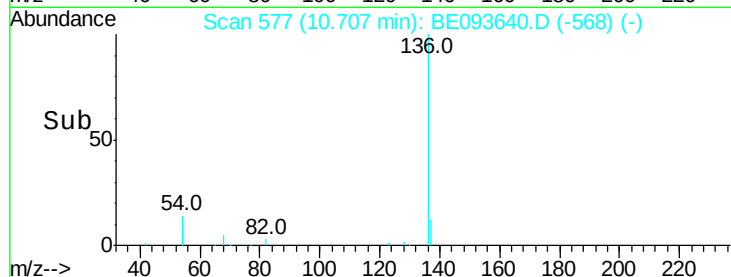
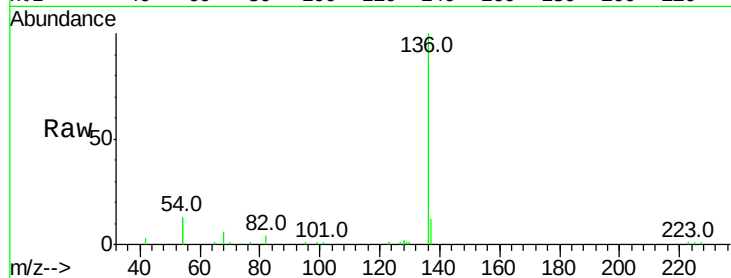
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 26.9 10.3 15.5#

68 6.0 9.0 13.4#

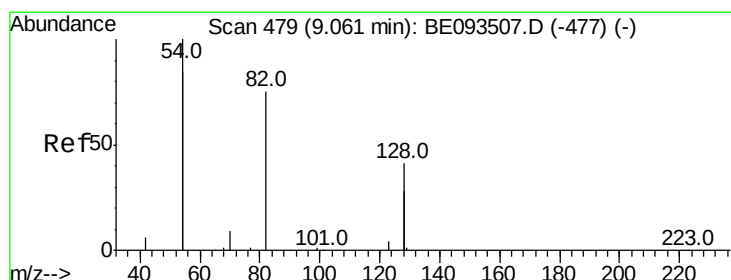
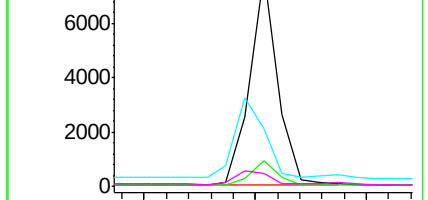


Abundance Ion 136.00 (135.70 to 136.70): E

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

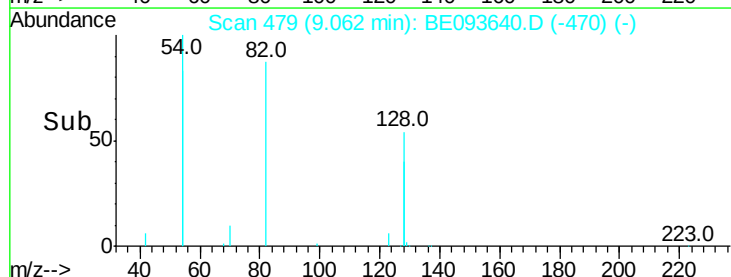
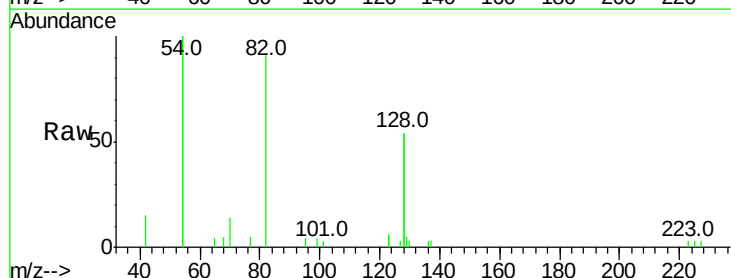
Tgt Ion: 82 Resp: 2630

Ion Ratio Lower Upper

82 100

128 119.5 17.0 25.4#

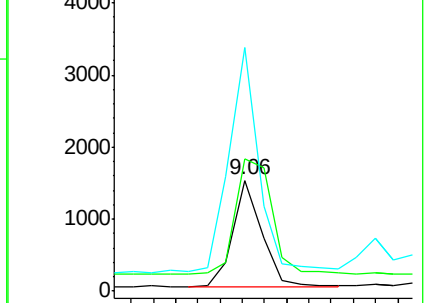
54 219.5 53.8 80.6#

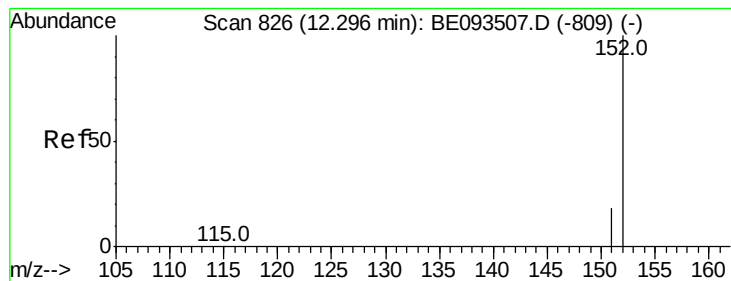


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

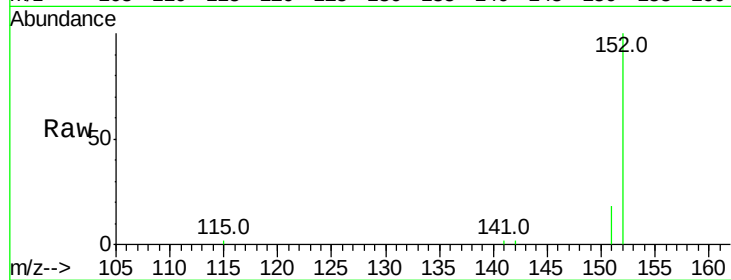
CSSB-28-1

Tot Ion:152 Resp: 4958

Ion Ratio Lower Upper

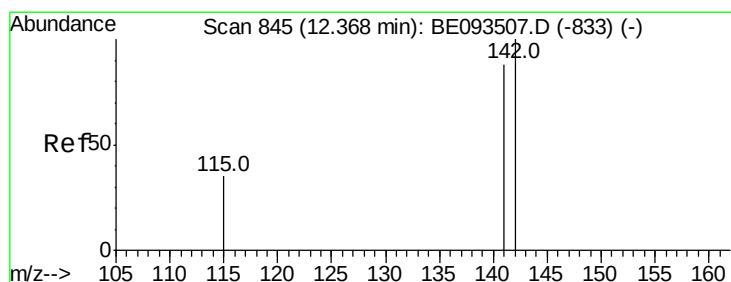
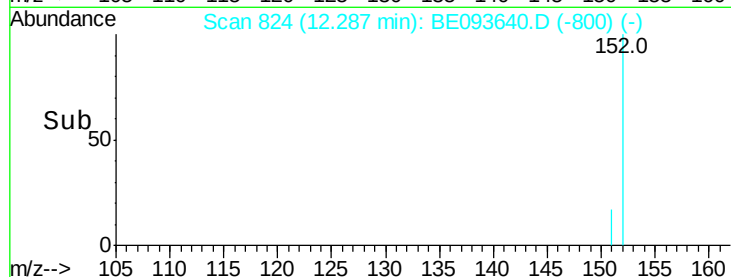
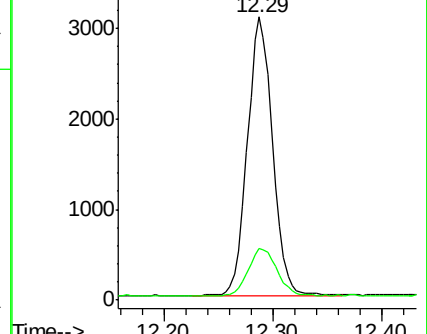
152 100

151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#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

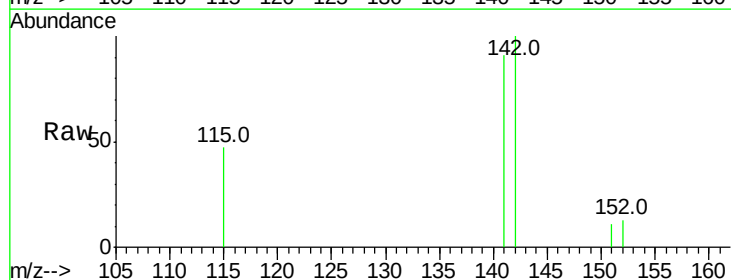
Tgt Ion:142 Resp: 726

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

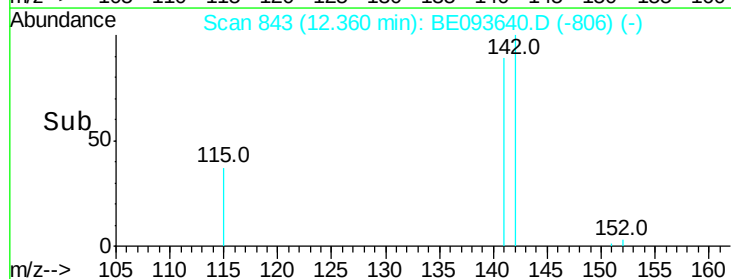
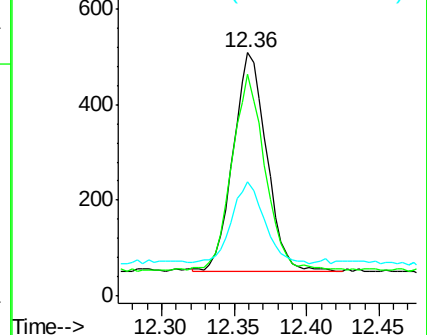
115 46.9 32.2 48.2

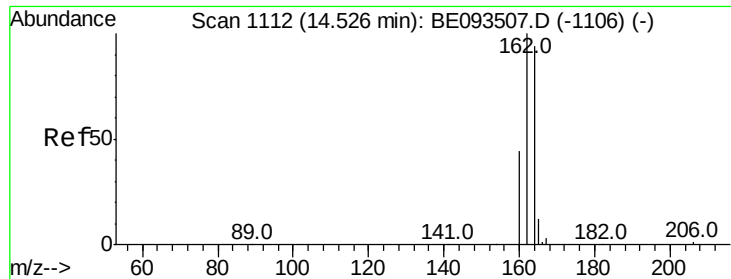


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

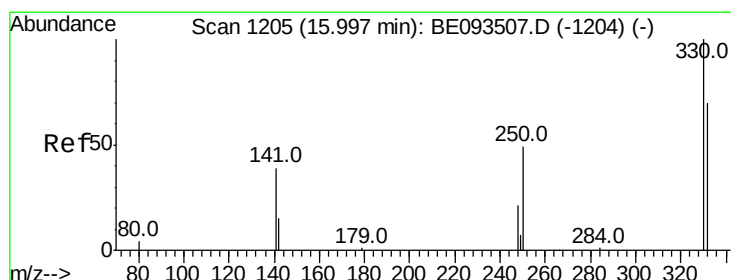
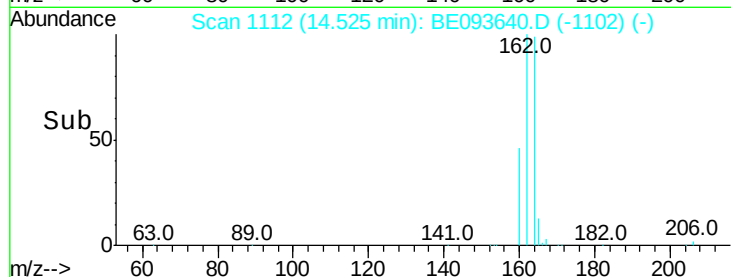
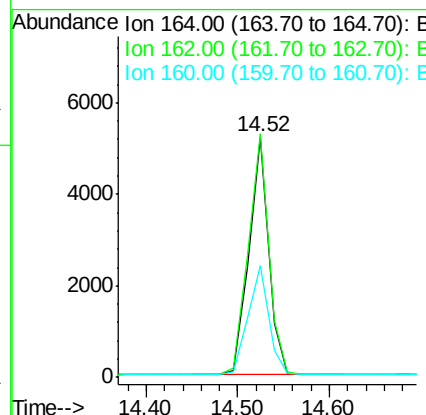
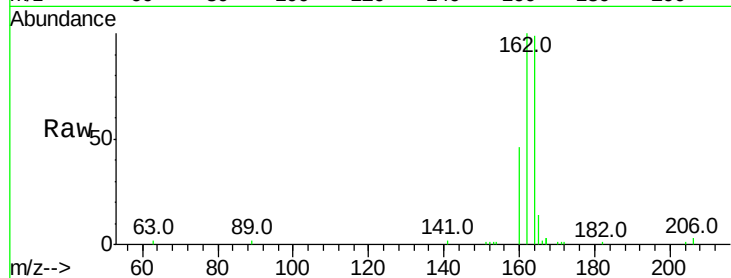




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093640.D
 Acq: 2 Aug 2017 23:39

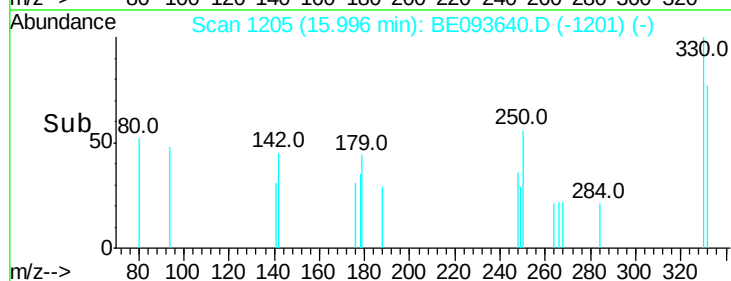
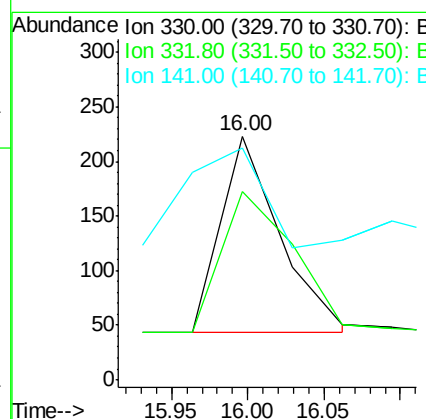
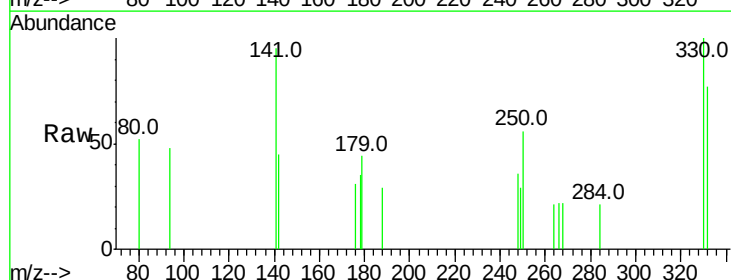
Instrument :
 BNA_E
 ClientSampleId :
 CSSB-28-1

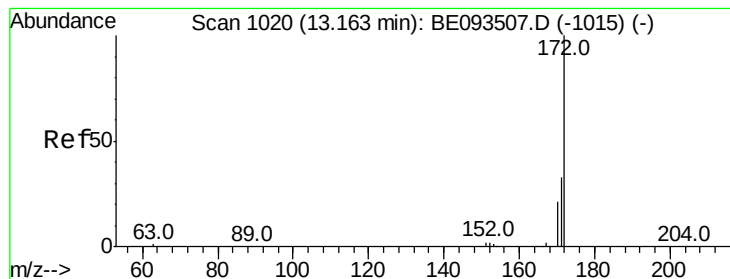
Tot Ion:164 Resp: 7898
 Ion Ratio Lower Upper
 164 100
 162 101.4 84.6 127.0
 160 46.7 41.8 62.6



#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

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

Instrument :

BNA_E

ClientSampled :

CSSB-28-1

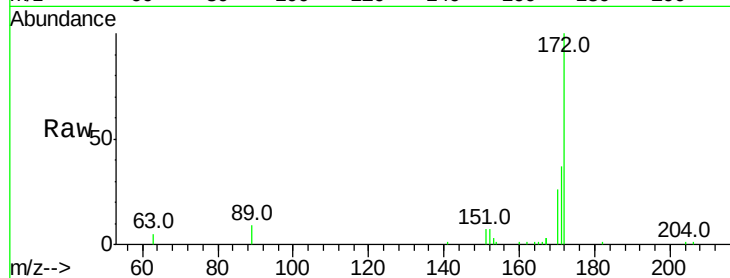
Tot Ion:172 Resp: 7372

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

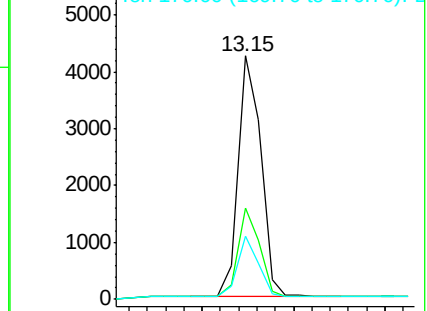
170 26.0 20.7 31.1



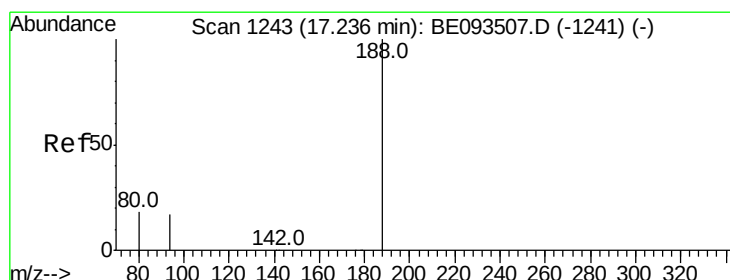
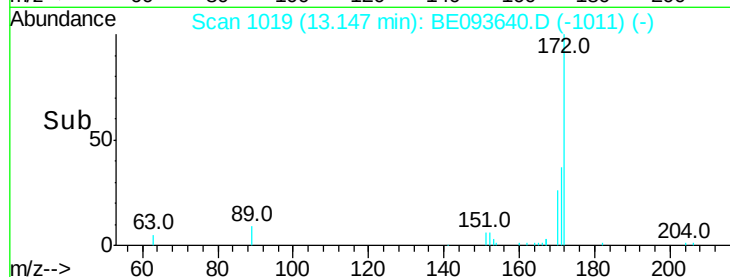
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#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

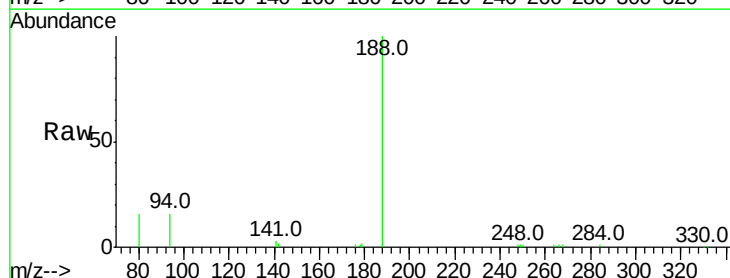
Tgt Ion:188 Resp: 19871

Ion Ratio Lower Upper

188 100

94 15.5 11.3 16.9

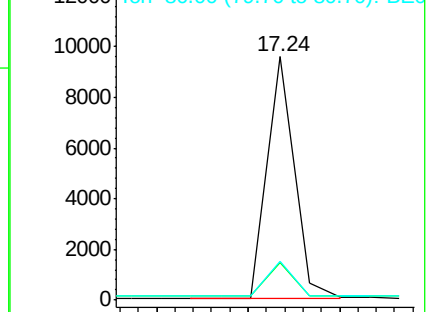
80 16.2 11.7 17.5



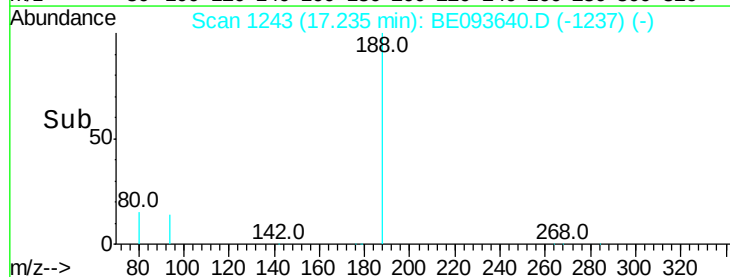
Abundance Ion 188.00 (187.70 to 188.70): E

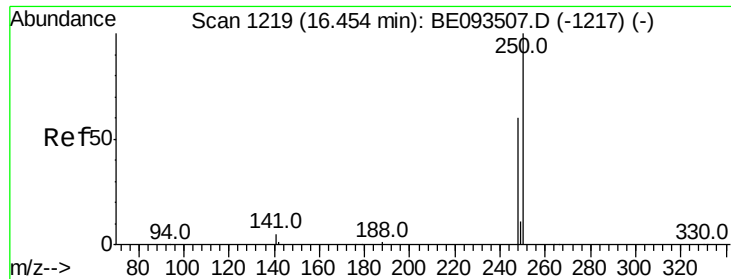
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->

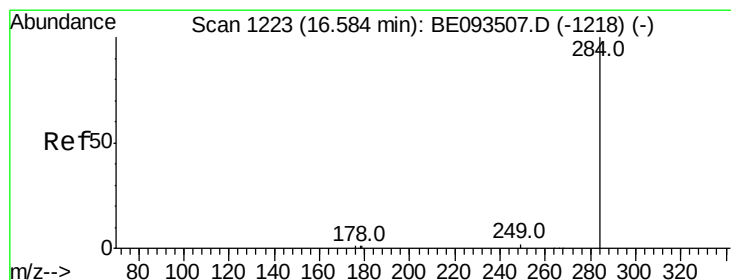
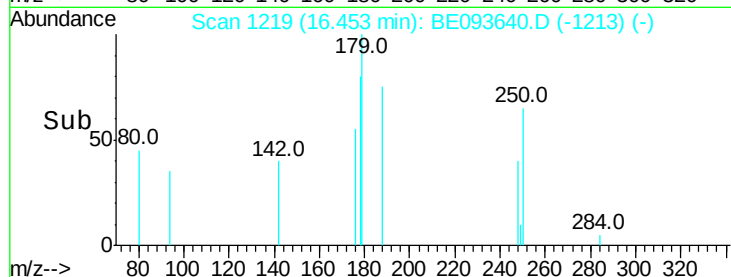
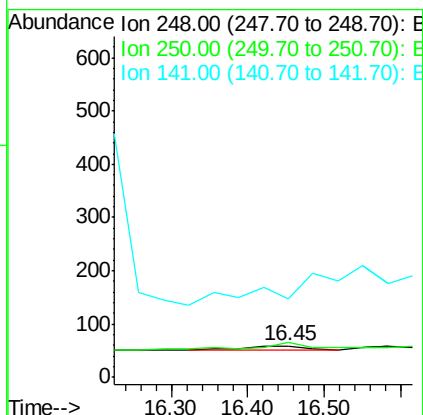
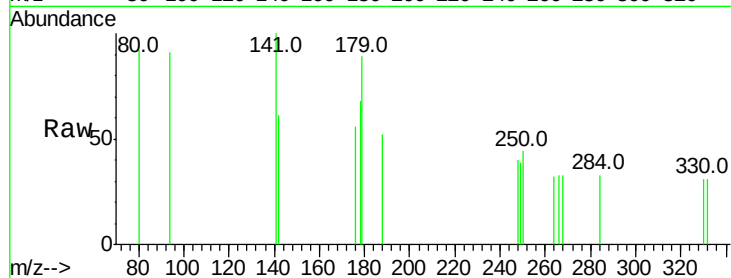




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093640.D
Acq: 2 Aug 2017 23:39

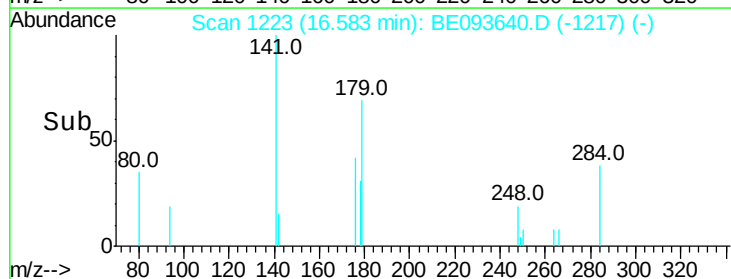
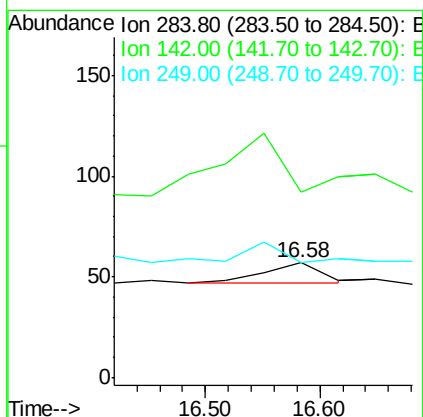
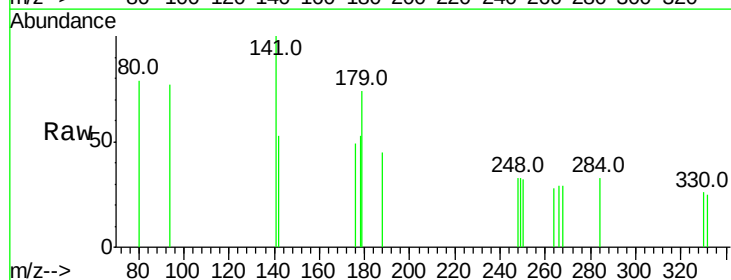
Instrument :
BNA_E
ClientSampled :
CSSB-28-1

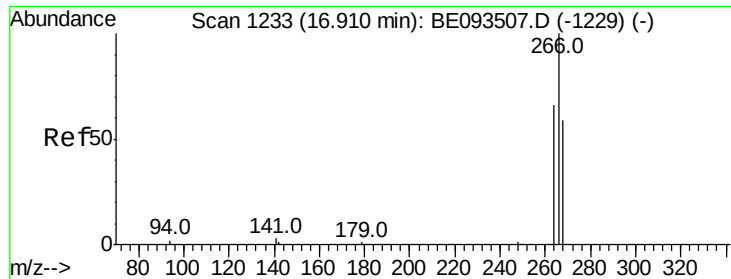
Tot Ion:248 Resp: 43
Ion Ratio Lower Upper
248 100
250 110.2 128.0 192.0#
141 249.2 12.0 18.0#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093640.D
Acq: 2 Aug 2017 23:39

Tgt Ion:284 Resp: 33
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#22

Pentachlorophenol

Concen: 0.158 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

Instrument :

BNA_E

ClientSampleId :

CSSB-28-1

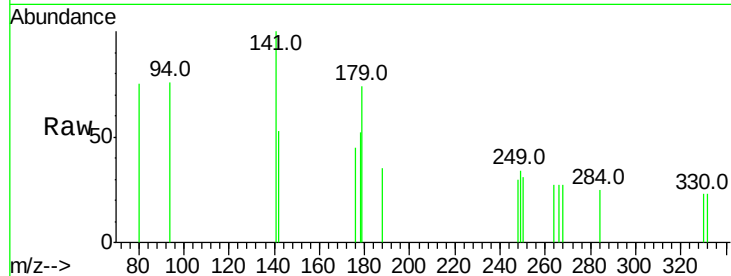
Tot Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 100.0 56.0 84.0#

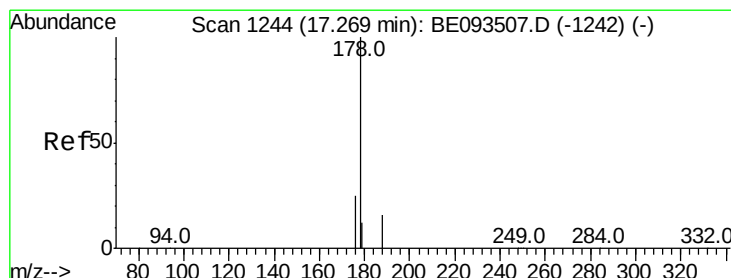
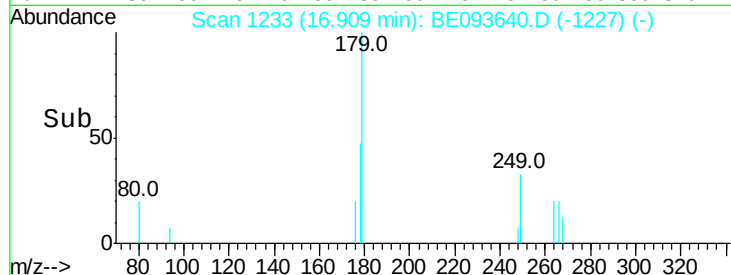
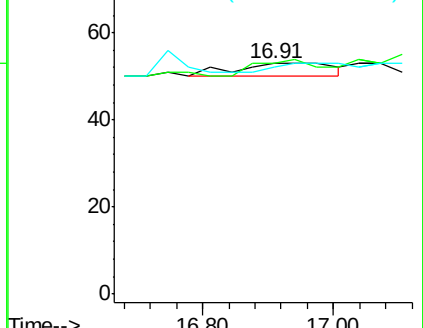
268 98.1 52.0 78.0#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#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

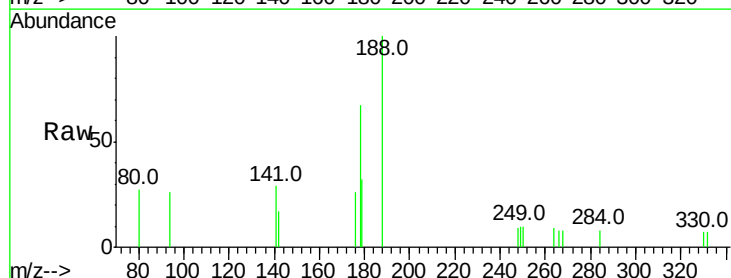
Tgt Ion:178 Resp: 1023

Ion Ratio Lower Upper

178 100

176 24.2 15.0 22.4#

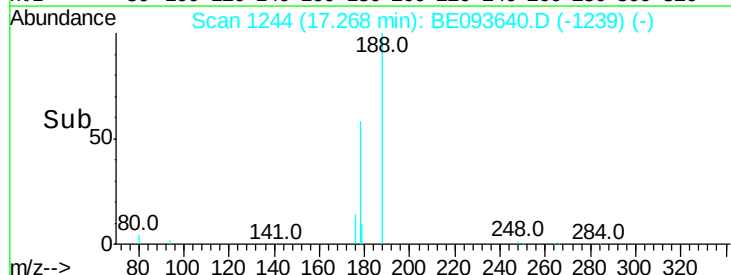
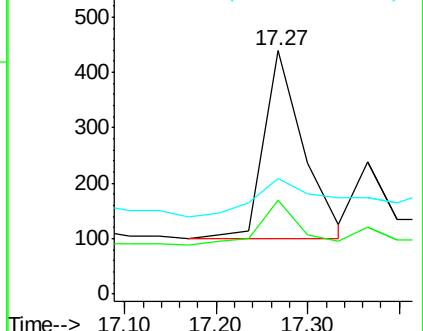
179 33.0 12.7 19.1#

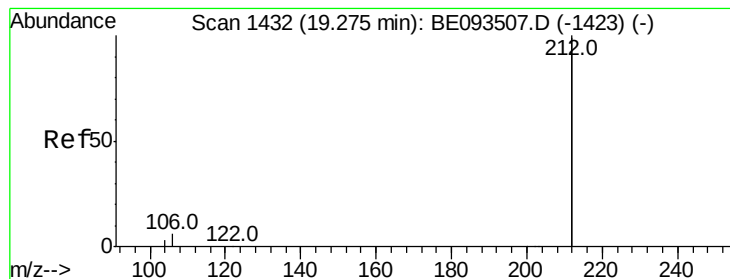


Abundance Ion 178.00 (177.70 to 178.70): E

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

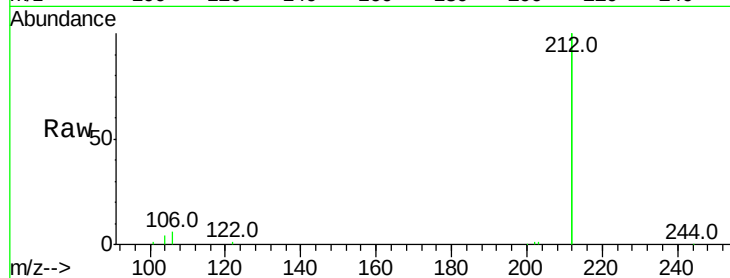
Tot Ion:212 Resp: 55839

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

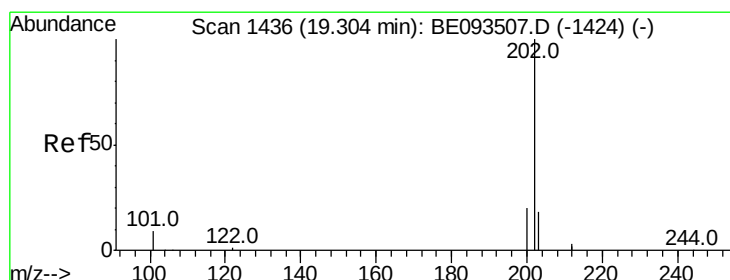
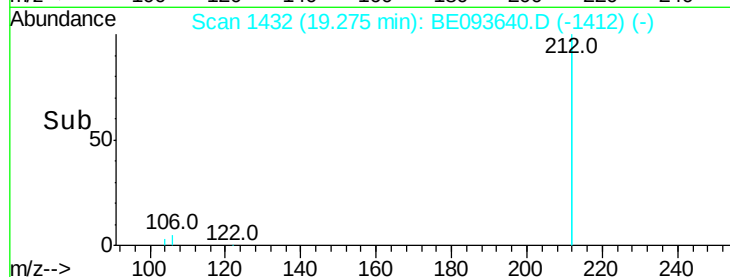
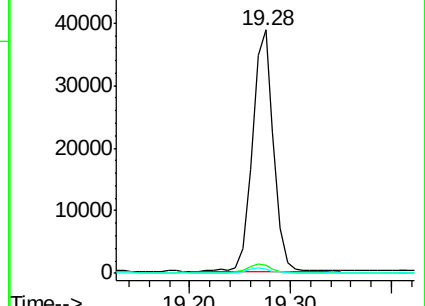
104 2.2 1.6 2.4



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



#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

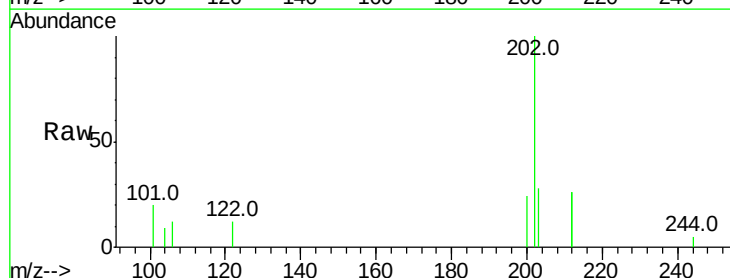
Tgt Ion:202 Resp: 1672

Ion Ratio Lower Upper

202 100

101 22.2 9.6 14.4#

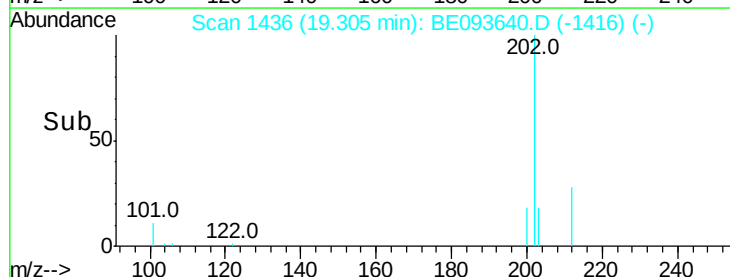
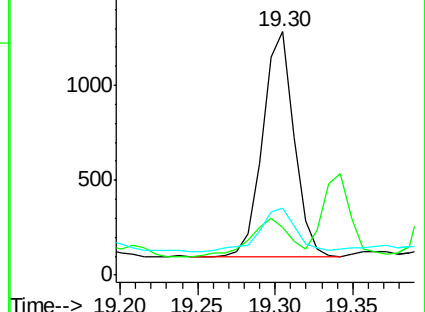
203 21.9 14.4 21.6#

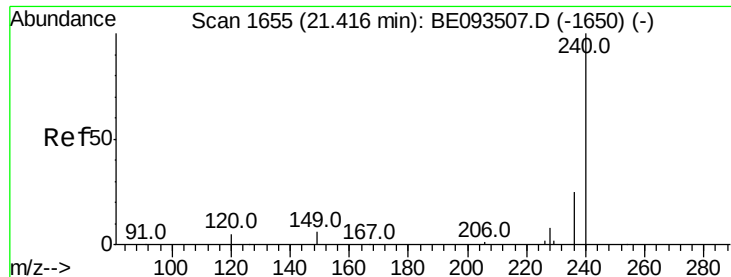


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#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

ClientSampled :

CSSB-28-1

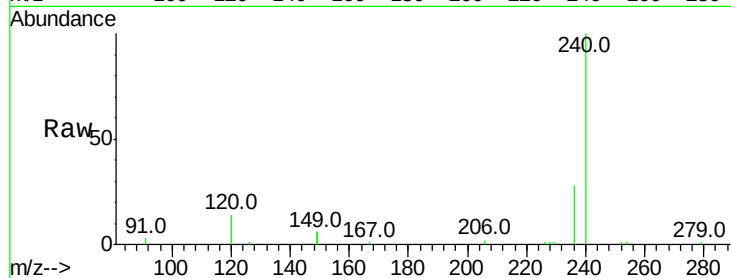
Tot Ion:240 Resp: 21275

Ion Ratio Lower Upper

240 100

120 14.4 4.6 7.0#

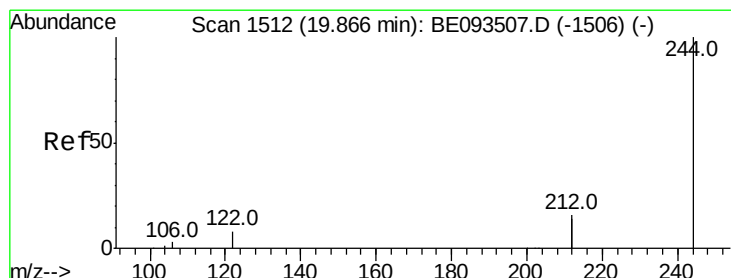
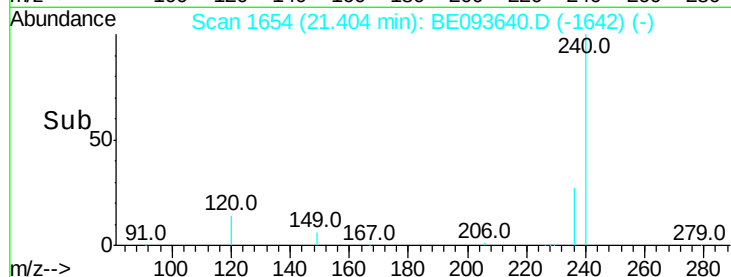
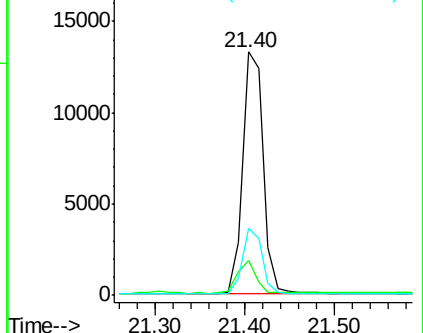
236 27.5 20.8 31.2



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: 0.246 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093640.D

Acq: 2 Aug 2017 23:39

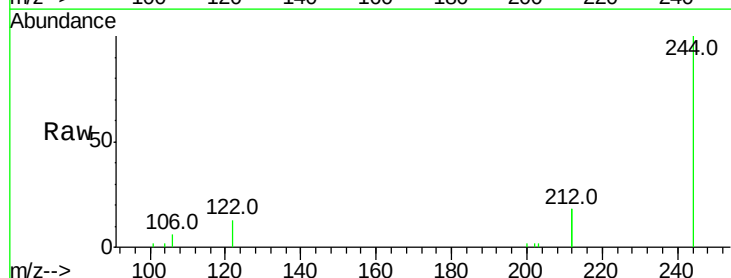
Tgt Ion:244 Resp: 9405

Ion Ratio Lower Upper

244 100

212 36.4 10.6 16.0#

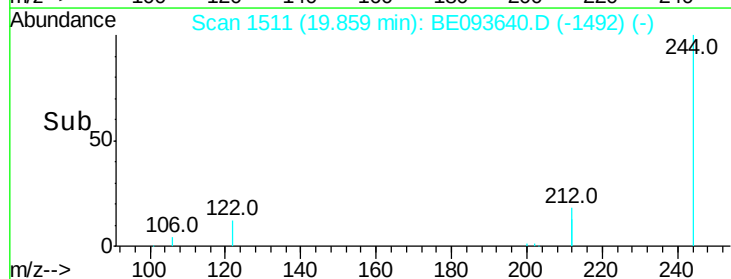
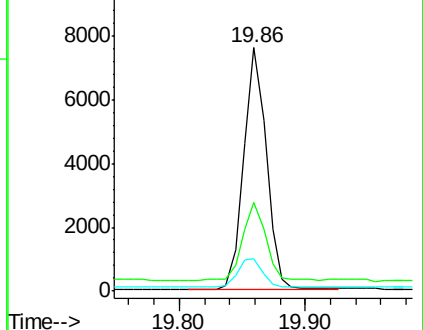
122 13.3 15.4 23.0#

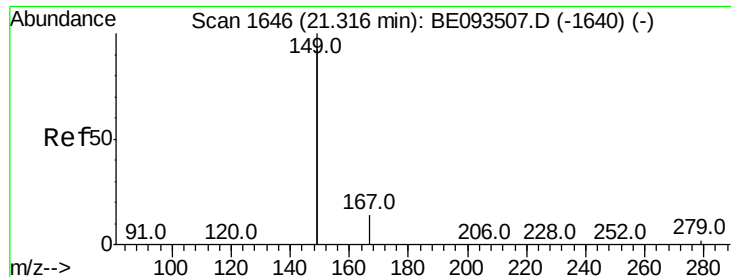


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 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

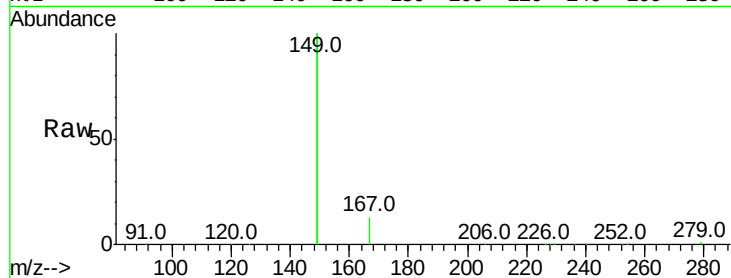
Tot Ion:149 Resp: 594222

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

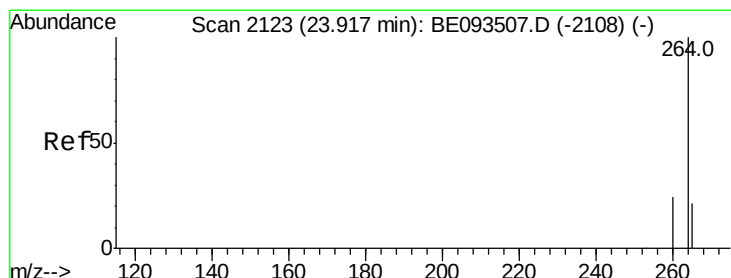
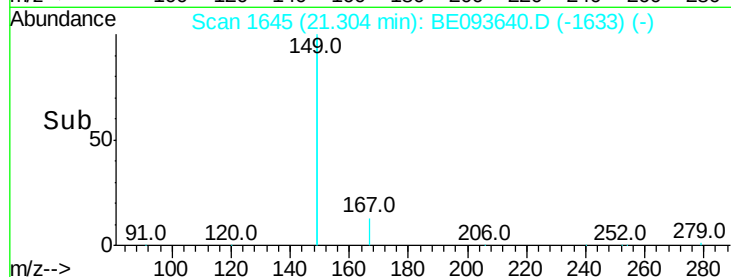
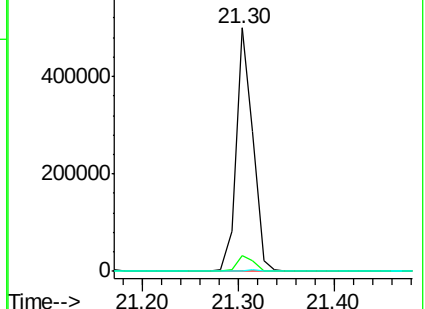
279 0.9 0.8 1.2



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

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

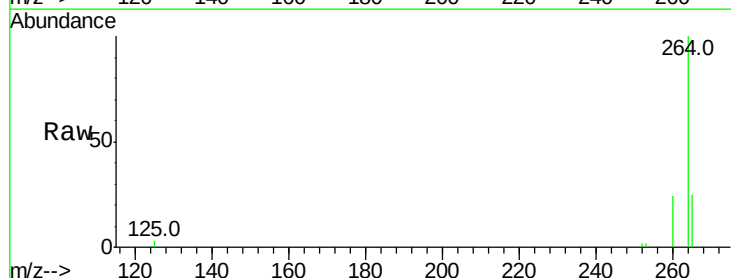
Tgt Ion:264 Resp: 18579

Ion Ratio Lower Upper

264 100

260 24.2 21.0 31.4

265 25.2 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

