

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102317\
 Data File : BE094496.D
 Acq On : 23 Oct 2017 15:28
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Oct 23 17:31:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 17:28:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1194	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6556	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3946	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7448	0.40	ng	0.03
27) Chrysene-d12	21.43	240	9273	0.40	ng	0.00
34) Perylene-d12	23.95	264	8905	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	788	0.20	ng	0.00
5) Phenol-d6	0.00	99	0	0.00	ng	
8) Nitrobenzene-d5	9.09	82	950	0.17	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	2101	0.21	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	192	0.13	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	2753	0.20	ng	0.02
25) Fluoranthene-d10	19.29	212	20894	0.17	ng	0.00
29) Terphenyl-d14	19.87	244	3488	0.19	ng	0.00

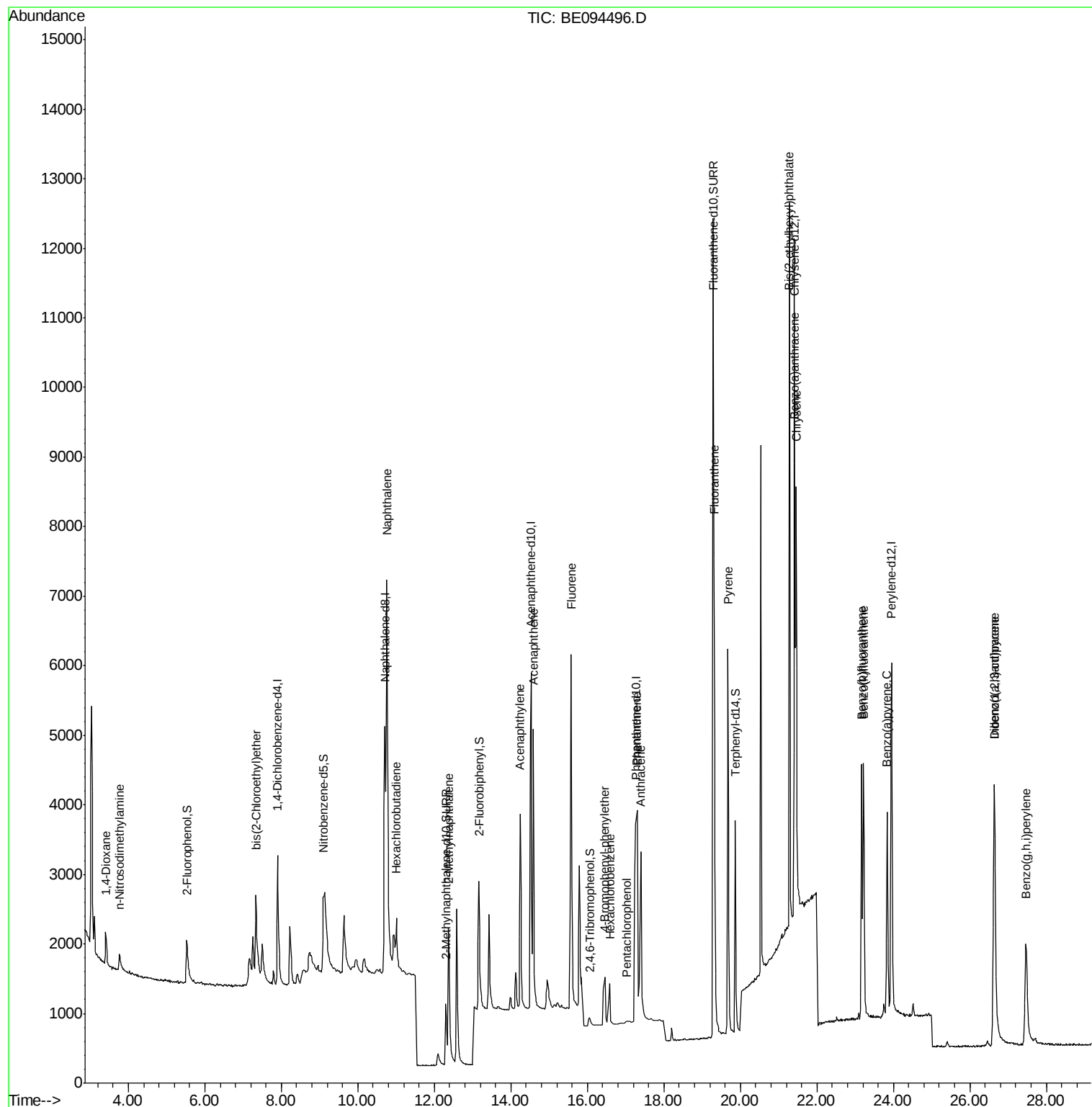
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	452	0.217	ng	# 89
3) n-Nitrosodimethylamine	3.76	42	340	0.164	ng	# 84
6) bis(2-Chloroethyl)ether	7.34	93	907	0.195	ng	74
9) Naphthalene	10.76	128	14725	0.201	ng	98
10) Hexachlorobutadiene	11.01	225	536	0.183	ng	97
12) 2-Methylnaphthalene	12.38	142	2506	0.207	ng	100
16) Acenaphthylene	14.24	152	4037	0.189	ng	99
17) Acenaphthene	14.59	154	2675	0.199	ng	97
18) Fluorene	15.58	166	3360	0.193	ng	96
20) 4-Bromophenyl-phenylether	16.45	248	818	0.220	ng	# 69
21) Hexachlorobenzene	16.58	284	1007	0.148	ng	# 62
22) Pentachlorophenol	17.04	266	23	0.039	ng	98
23) Phenanthrene	17.30	178	5554	0.189	ng	98
24) Anthracene	17.40	178	4244	0.187	ng	98
26) Fluoranthene	19.32	202	6320	0.174	ng	99
28) Pyrene	19.67	202	6623	0.189	ng	100
30) Benzo(a)anthracene	21.40	228	6176	0.193	ng	# 64
31) Chrysene	21.46	228	6271	0.203	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.28	149	15169	0.164	ng	98
33) Indeno(1,2,3-cd)pyrene	26.64	276	5845	0.188	ng	99
35) Benzo(b)fluoranthene	23.17	252	5774	0.191	ng	# 44
36) Benzo(k)fluoranthene	23.22	252	6085	0.204	ng	# 44
37) Benzo(a)pyrene	23.84	252	5590	0.197	ng	# 38
38) Dibenzo(a,h)anthracene	26.64	278	4968	0.185	ng	# 50
39) Benzo(g,h,i)perylene	27.46	276	4693	0.182	ng	# 60

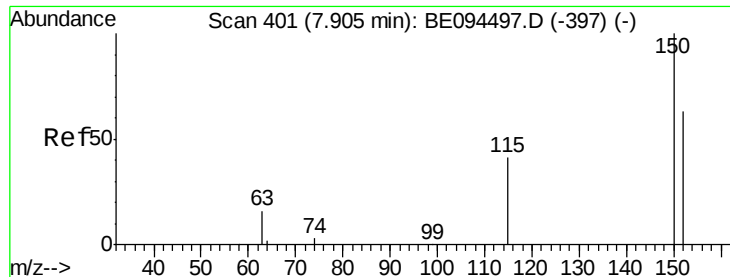
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

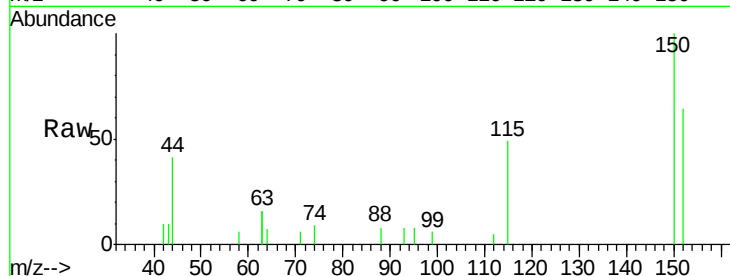
Tgt Ion: 152 Resp: 1194

Ion Ratio Lower Upper

152 100

150 155.8 117.2 175.8

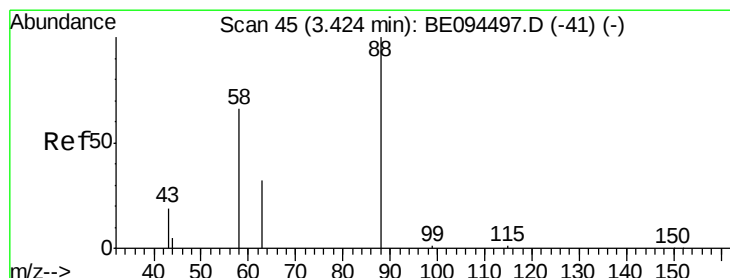
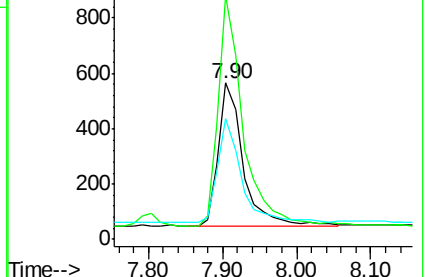
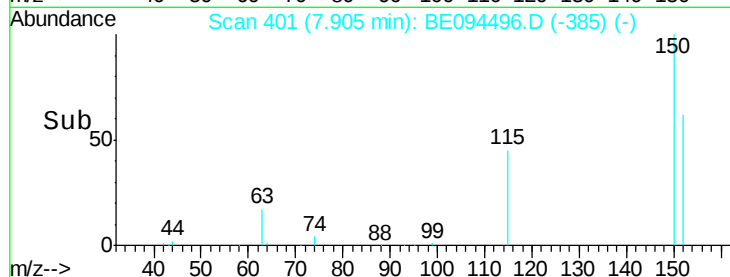
115 77.0 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.217 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

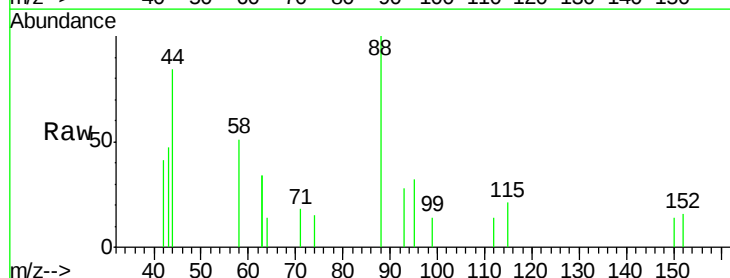
Tgt Ion: 88 Resp: 452

Ion Ratio Lower Upper

88 100

58 81.2 63.2 94.8

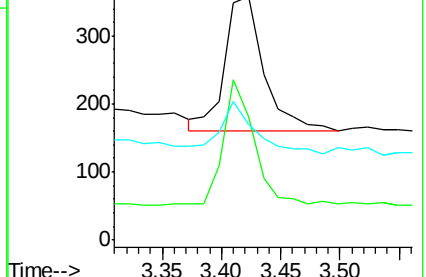
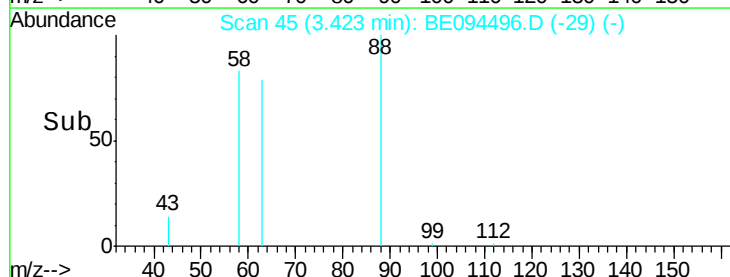
43 35.2 41.2 61.8#

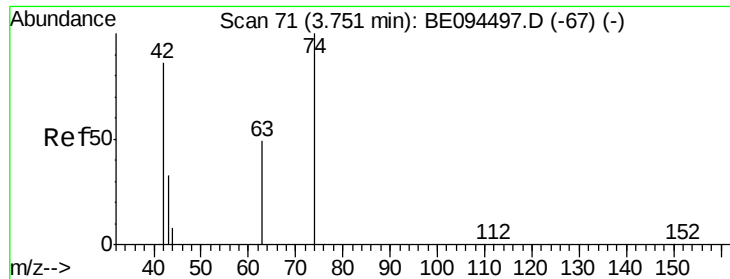


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.164 ng

RT: 3.76 min Scan# 72

Delta R.T. 0.01 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

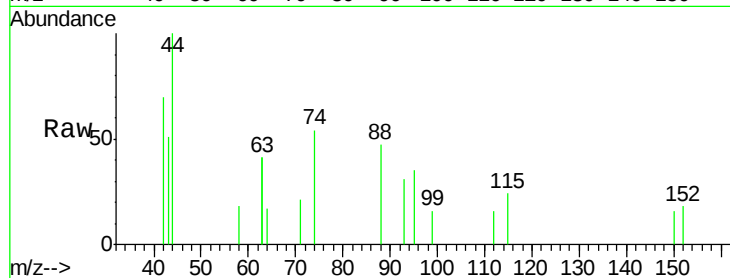
Tgt Ion: 42 Resp: 340

Ion Ratio Lower Upper

42 100

74 144.1 100.3 150.5

44 16.2 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

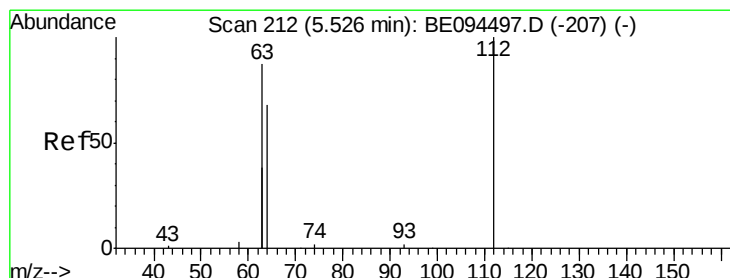
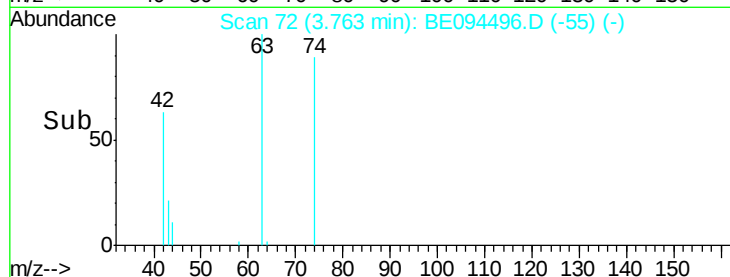
Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.76

3.70 3.80 3.90

Time-->



#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

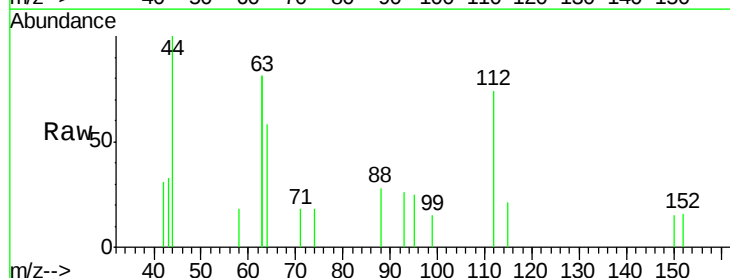
Tgt Ion: 112 Resp: 788

Ion Ratio Lower Upper

112 100

64 73.5 60.1 90.1

63 143.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E

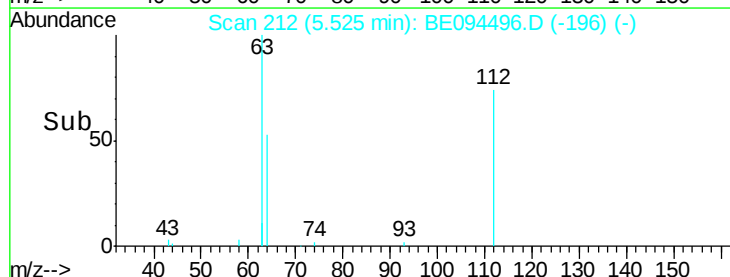
Ion 64.00 (63.70 to 64.70): BE0

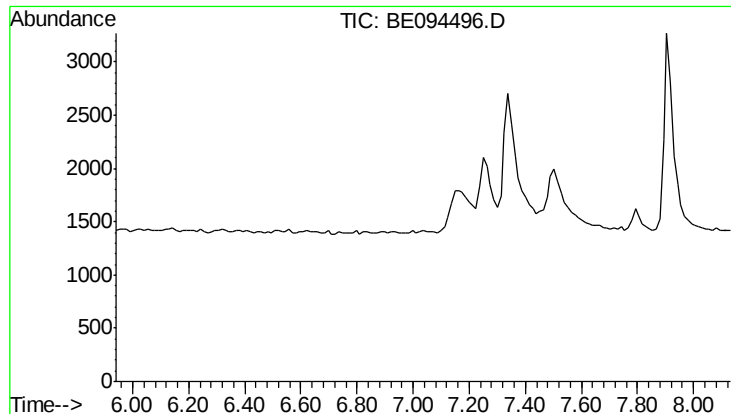
Ion 63.00 (62.70 to 63.70): BE0

5.53

5.40 5.50 5.60 5.70

Time-->





#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.14 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

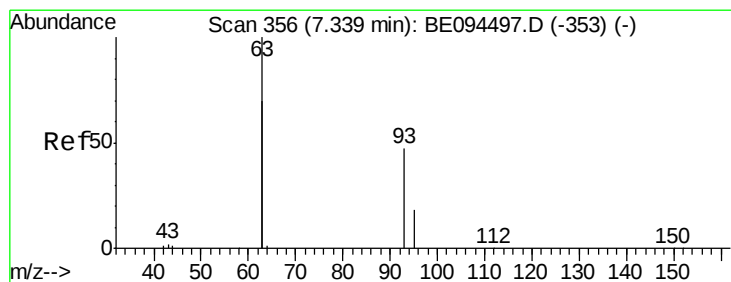
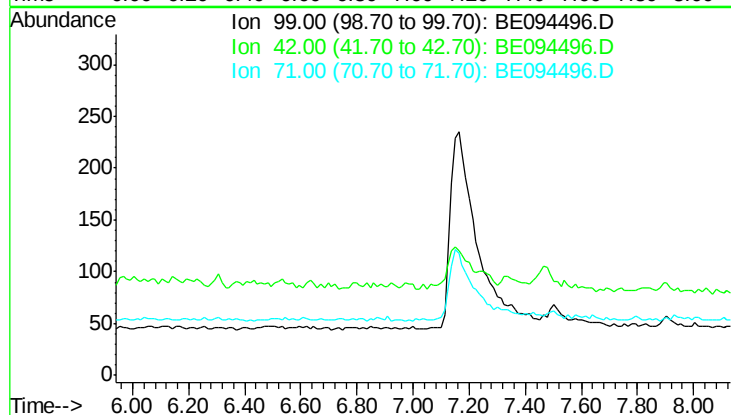
Tgt Ion: 99

Sig Exp Ratio

99 100

42 25.2

71 35.5



#6

bis(2-Chloroethyl)ether

Concen: 0.195 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

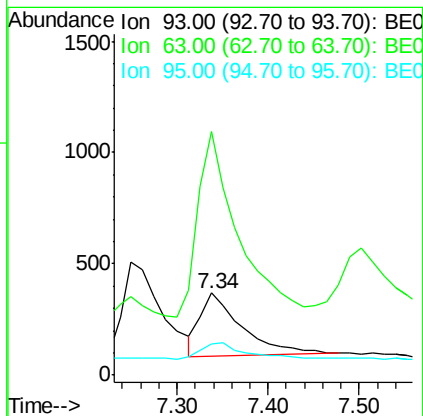
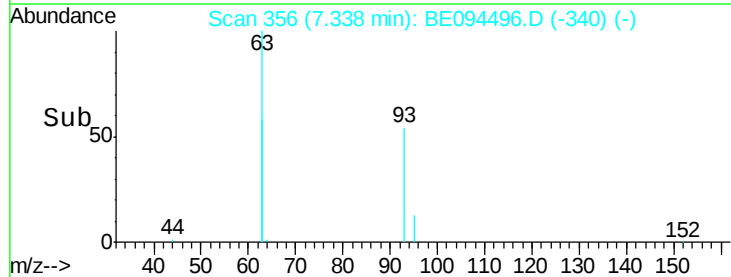
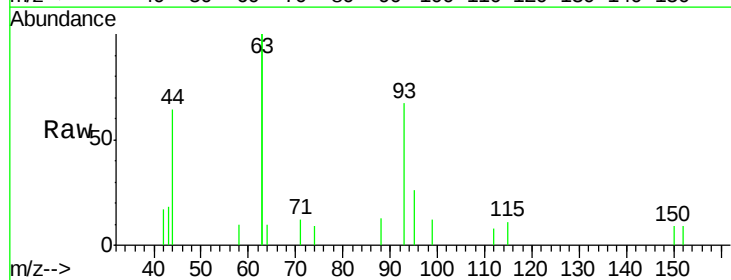
Tgt Ion: 93 Resp: 907

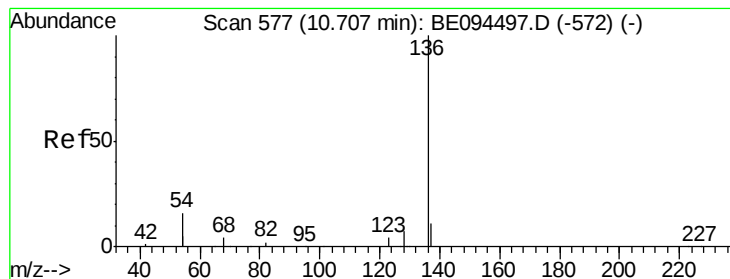
Ion Ratio Lower Upper

93 100

63 283.5 275.3 412.9

95 27.8 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion: 136 Resp: 6556

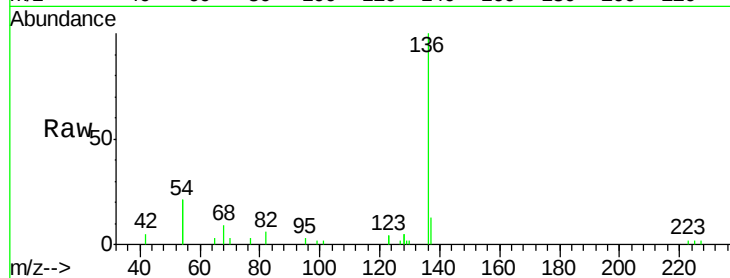
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 42.9 29.1 43.7

68 9.1 6.2 9.2

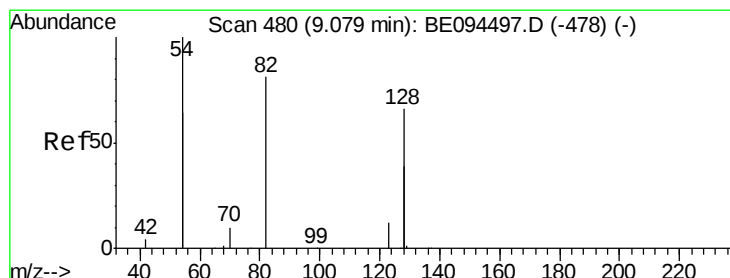
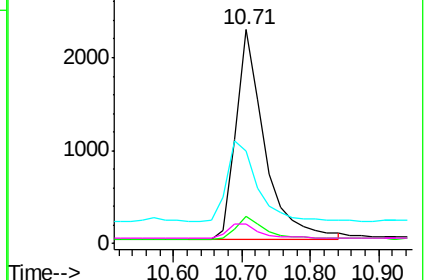
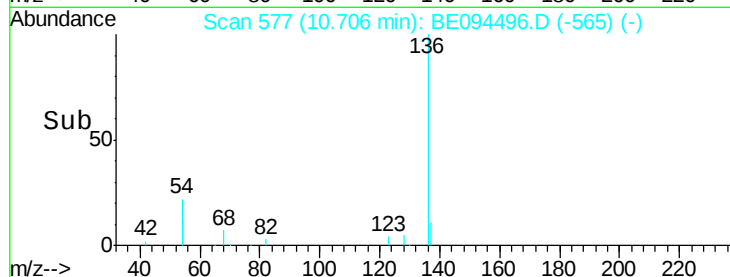


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.167 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

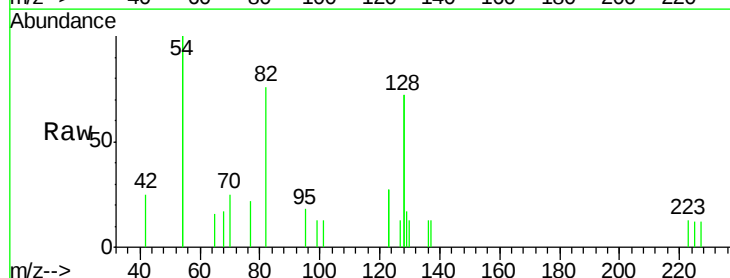
Tgt Ion: 82 Resp: 950

Ion Ratio Lower Upper

82 100

128 188.6 150.0 225.0

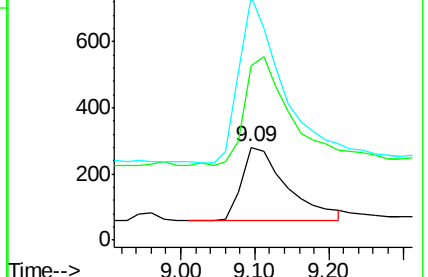
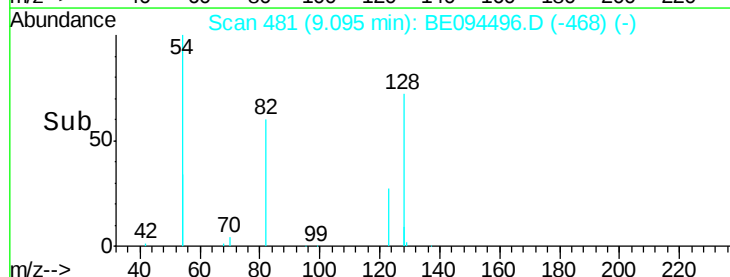
54 262.9 154.2 231.4#

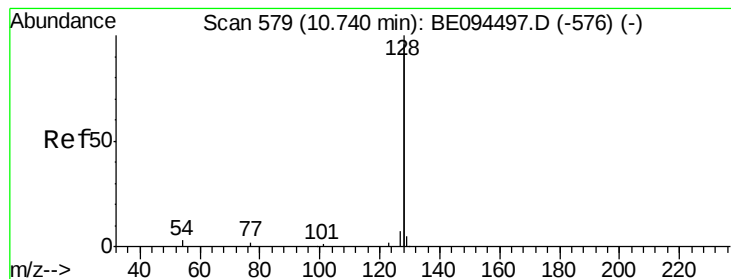


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.201 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

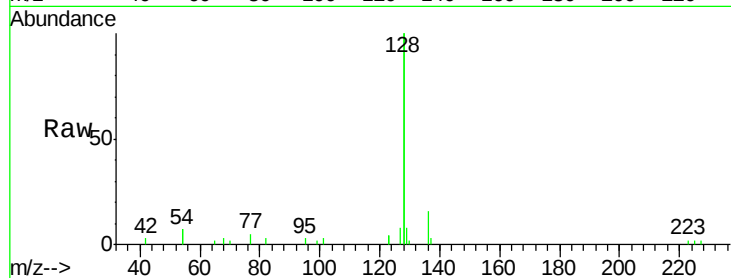
Tgt Ion:128 Resp: 14725

Ion Ratio Lower Upper

128 100

129 3.8 2.6 3.8

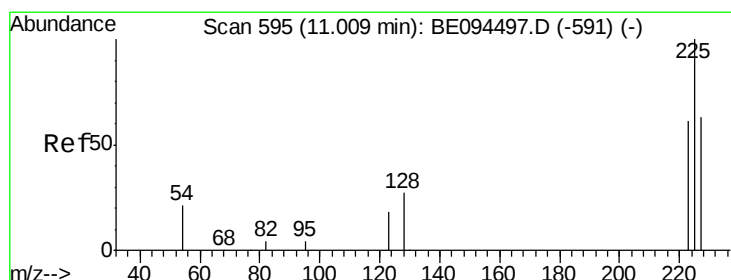
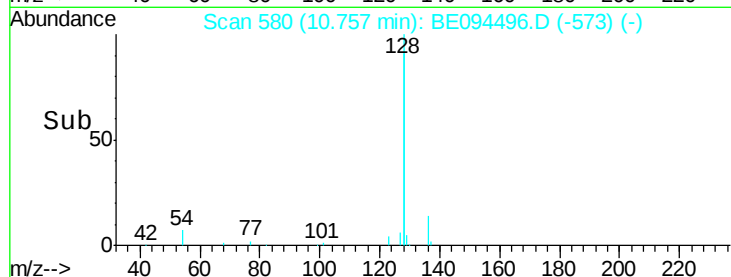
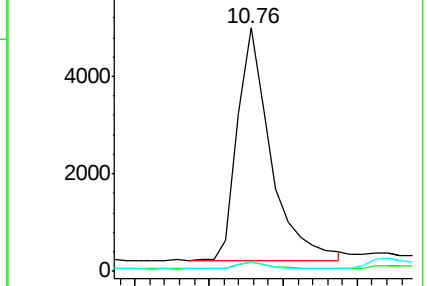
127 3.9 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.183 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

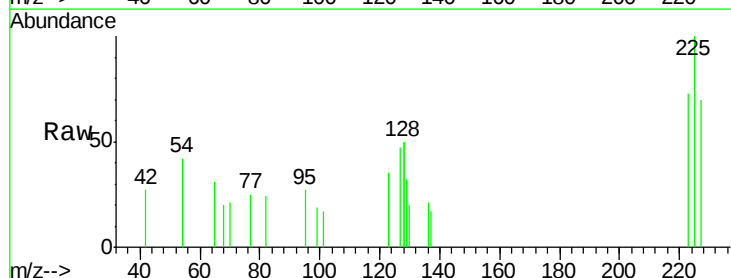
Tgt Ion:225 Resp: 536

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

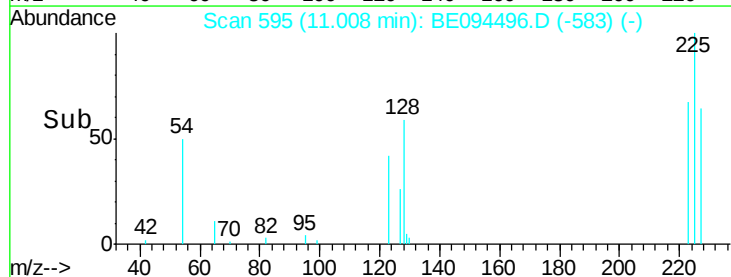
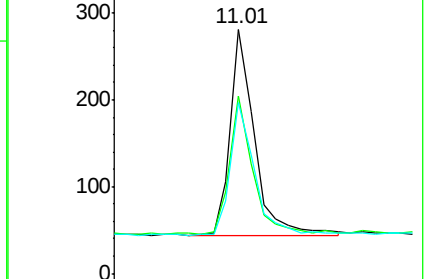
227 64.7 51.4 77.2

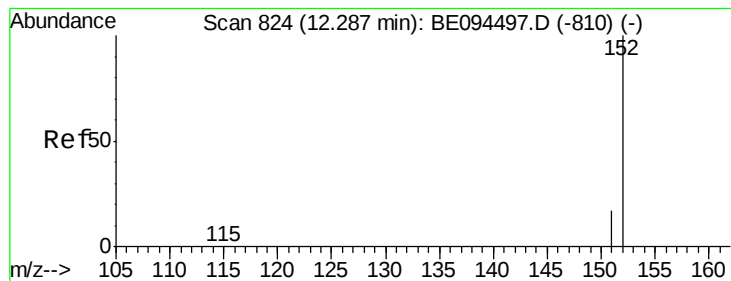


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.208 ng

RT: 12.30 min Scan# 828

Delta R.T. 0.02 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

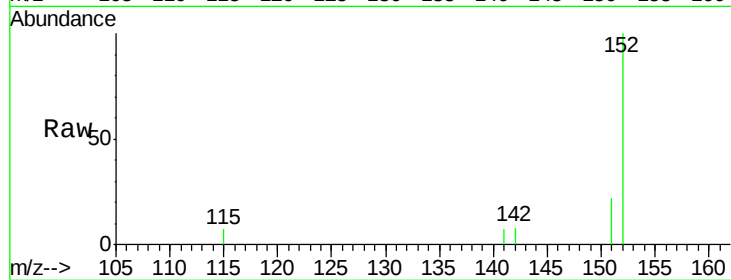
SSTDIC0.2

Tgt Ion:152 Resp: 2101

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

800

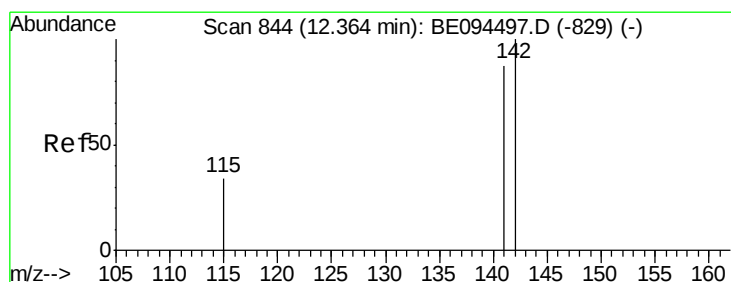
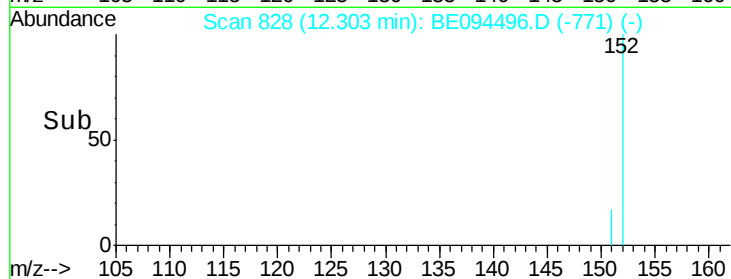
600

400

200

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.207 ng

RT: 12.38 min Scan# 847

Delta R.T. 0.01 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

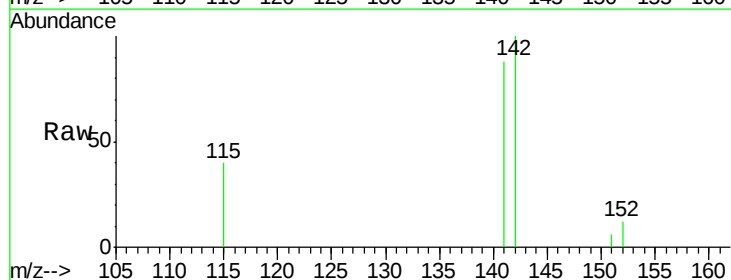
Tgt Ion:142 Resp: 2506

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

115 40.0 31.7 47.5



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

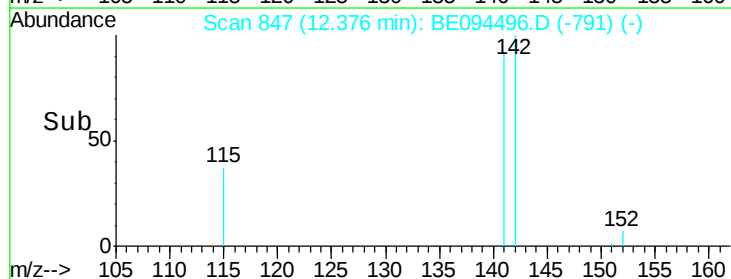
12.38

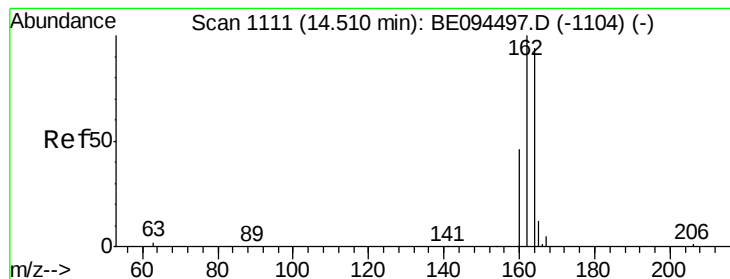
1000

500

0

Time--> 12.30 12.40 12.50 12.60





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

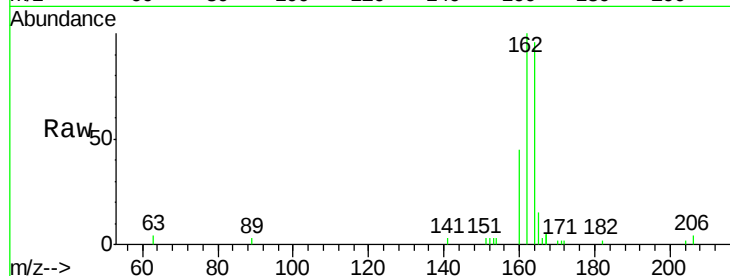
Tgt Ion:164 Resp: 3946

Ion Ratio Lower Upper

164 100

162 103.7 83.1 124.7

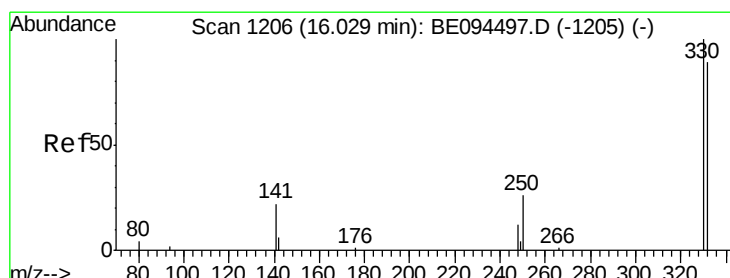
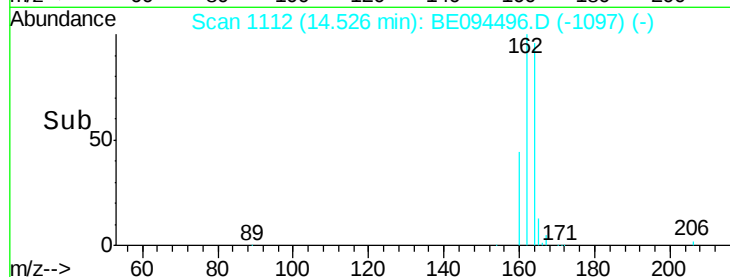
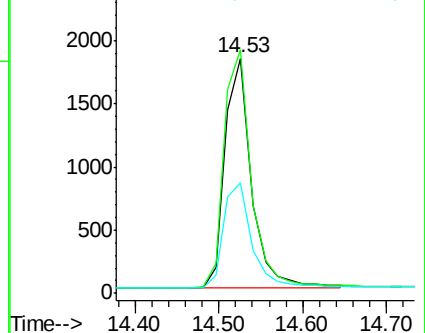
160 46.9 37.1 55.7



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: 0.128 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

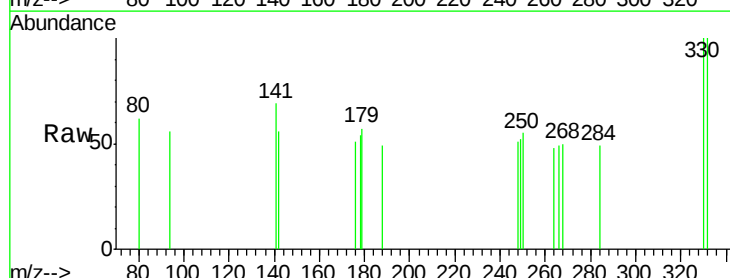
Tgt Ion:330 Resp: 192

Ion Ratio Lower Upper

330 100

332 95.8 152.7 229.1#

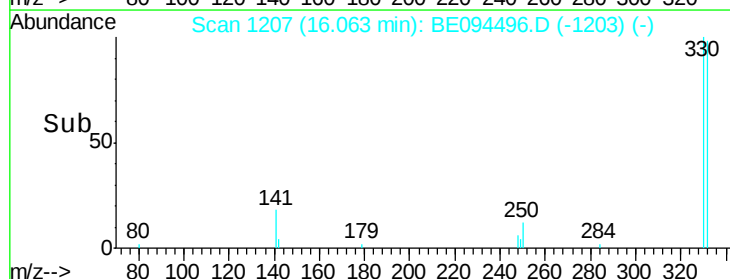
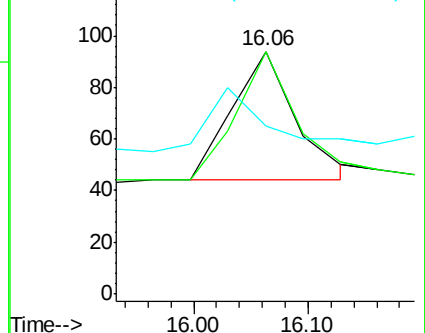
141 0.0 33.7 50.5#

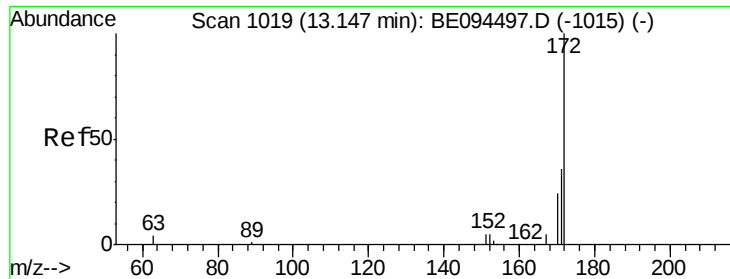


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

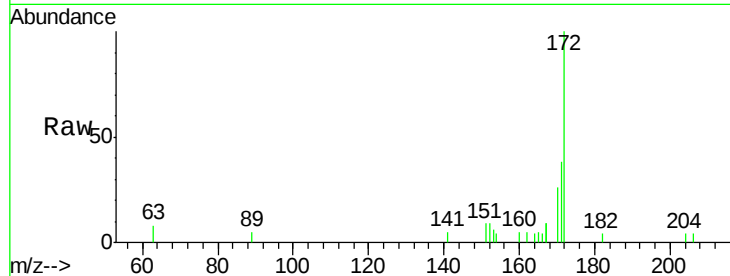




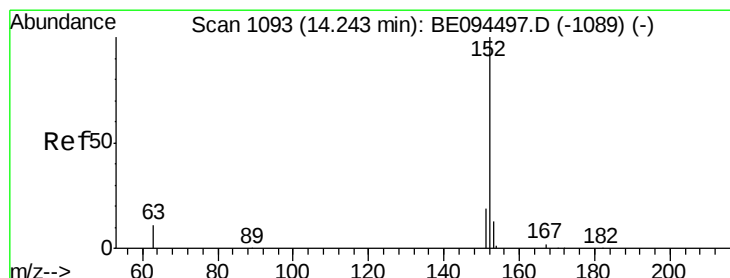
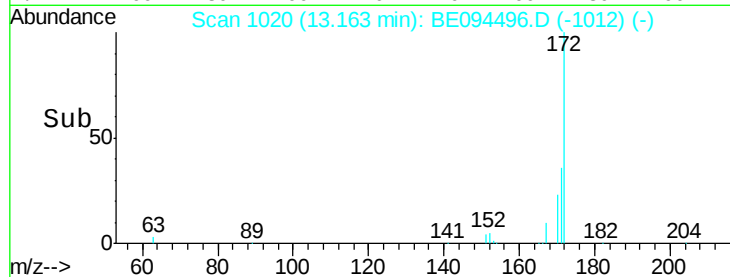
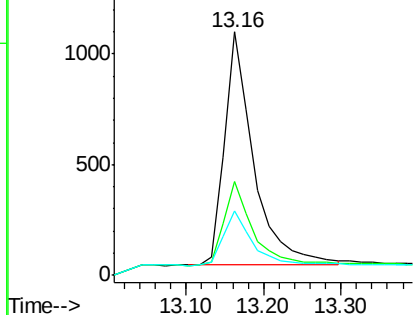
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion:172 Resp: 2753
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 26.4 21.8 32.8

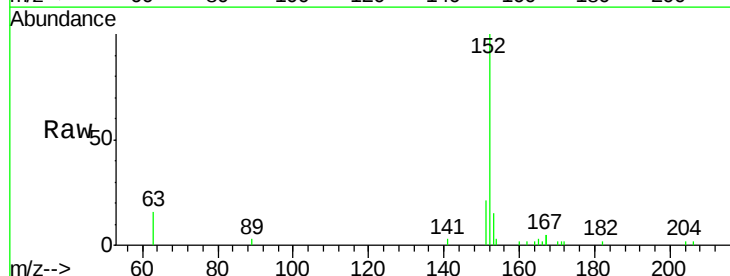


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

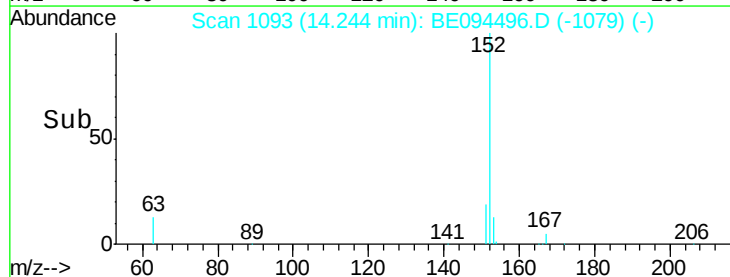
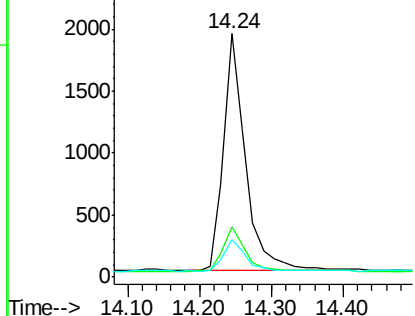


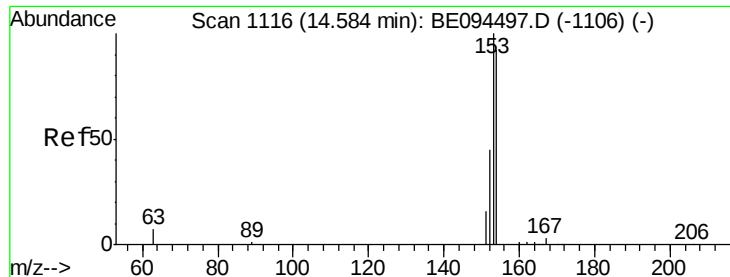
#16
Acenaphthylene
Concen: 0.189 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:152 Resp: 4037
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.5 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.199 ng

RT: 14.59 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

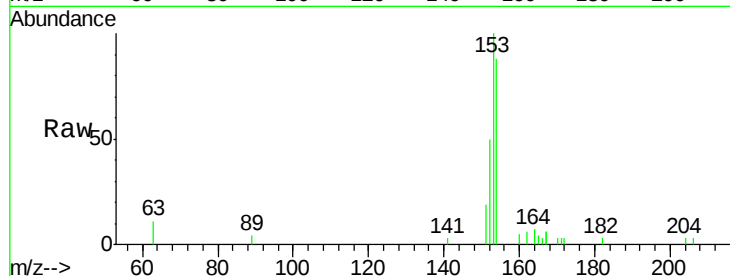
Tgt Ion:154 Resp: 2675

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

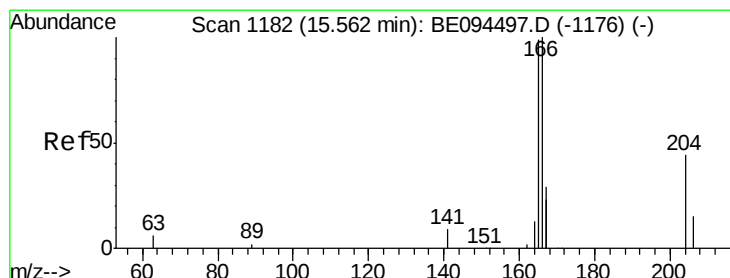
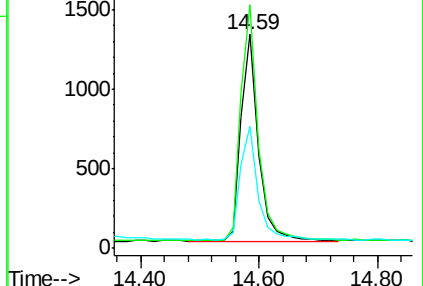
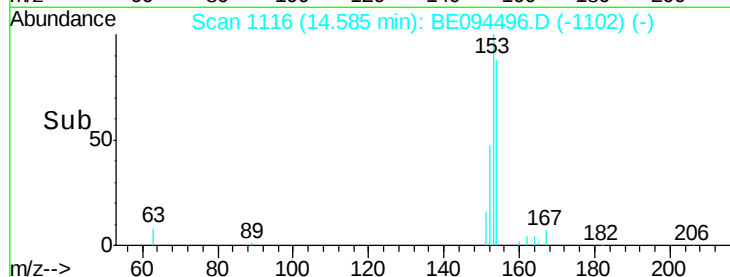
152 54.9 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.193 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

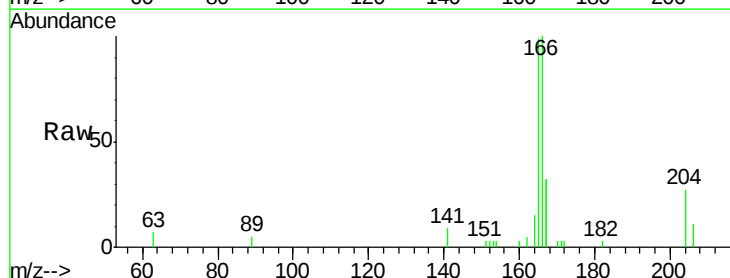
Tgt Ion:166 Resp: 3360

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.6

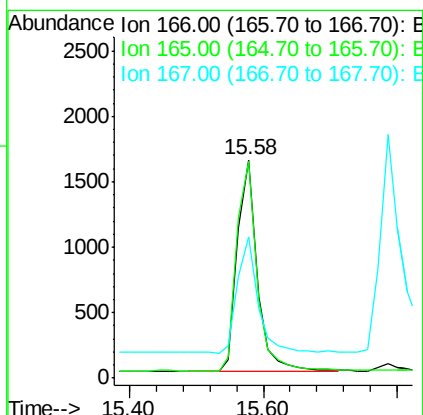
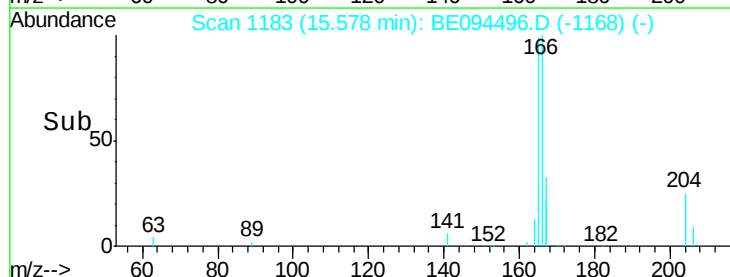
167 55.5 42.4 63.6

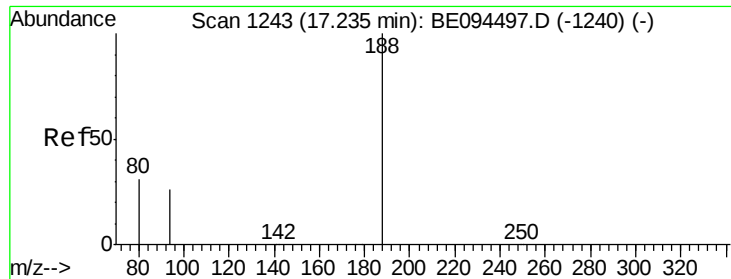


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

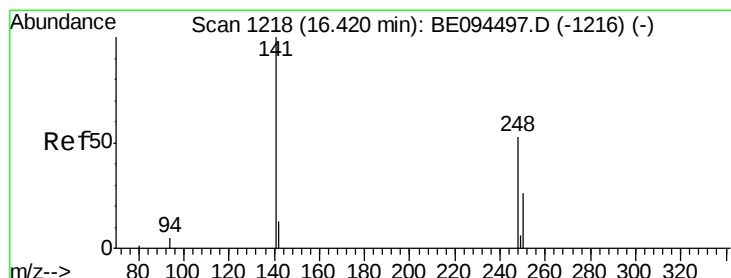
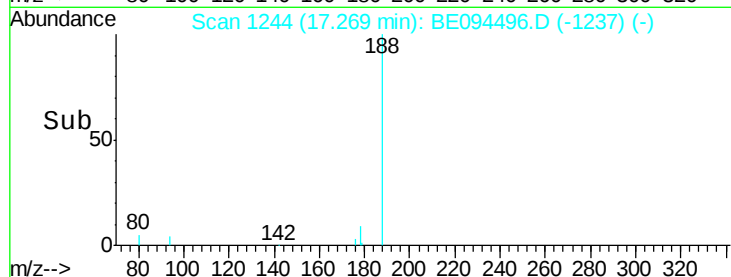
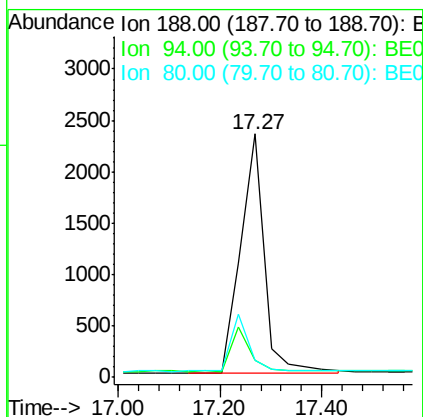
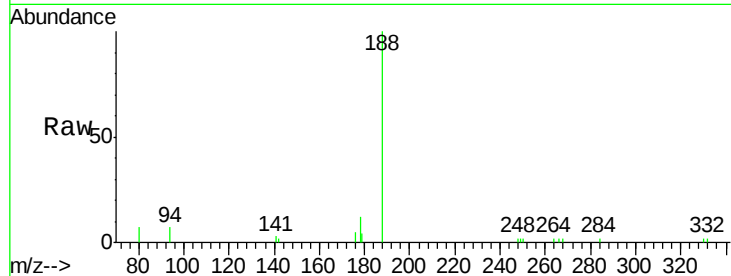




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

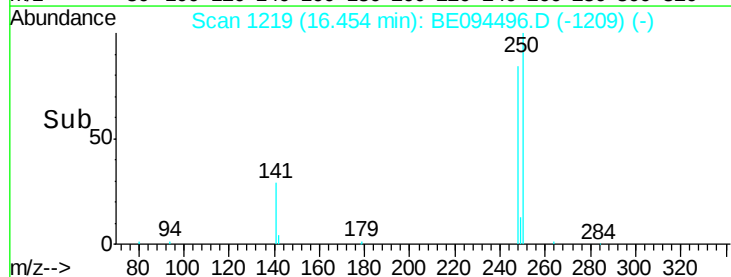
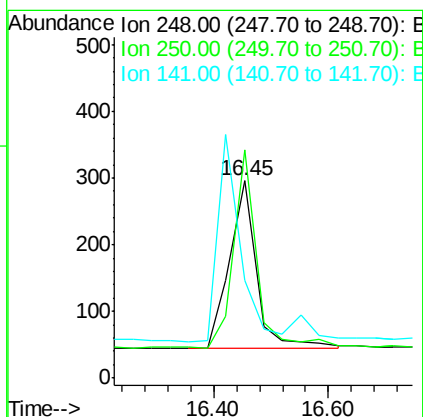
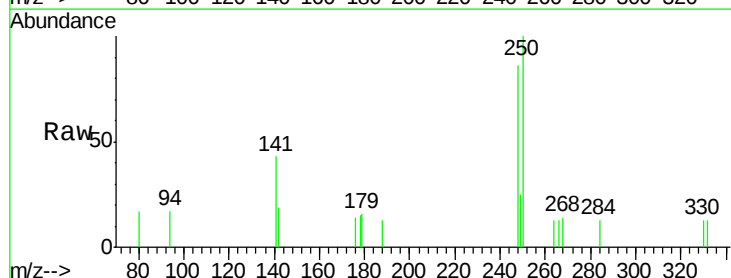
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

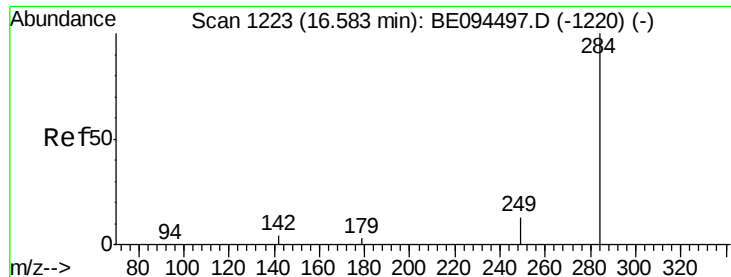
Tgt Ion:188 Resp: 7448
Ion Ratio Lower Upper
188 100
94 6.8 3.9 5.9#
80 7.1 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.220 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion:248 Resp: 818
Ion Ratio Lower Upper
248 100
250 115.9 62.7 94.1#
141 49.3 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.148 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

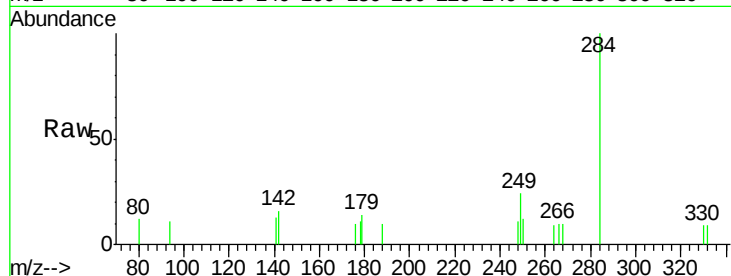
Tgt Ion:284 Resp: 1007

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

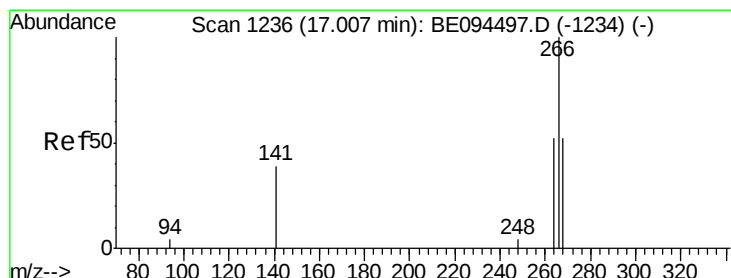
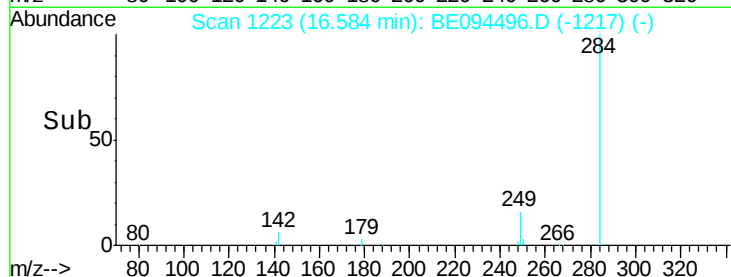
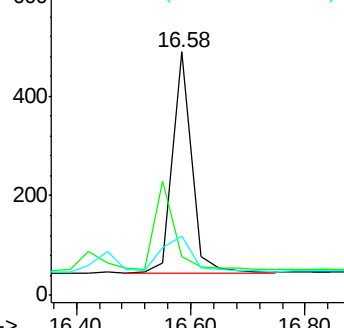
249 25.6 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.039 ng

RT: 17.04 min Scan# 1237

Delta R.T. 0.03 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

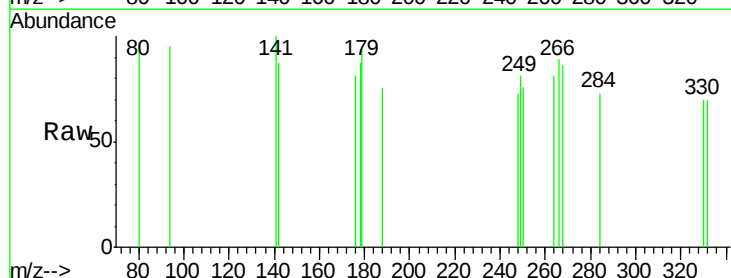
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 91.1 72.5 108.7

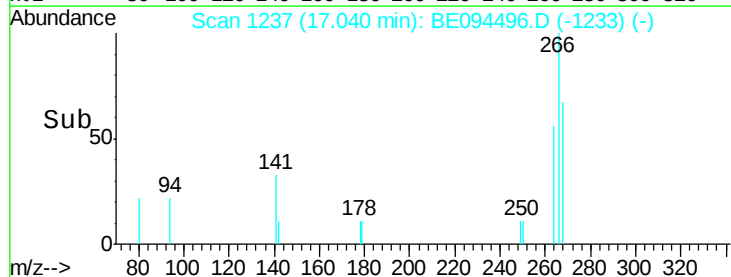
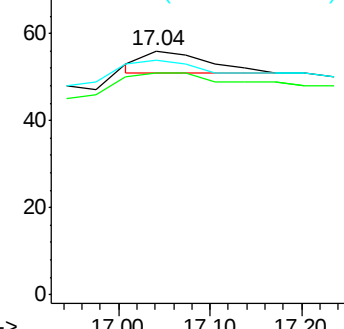
268 96.4 73.8 110.6

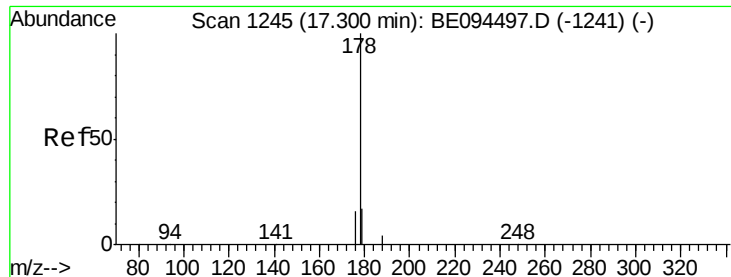


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.189 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

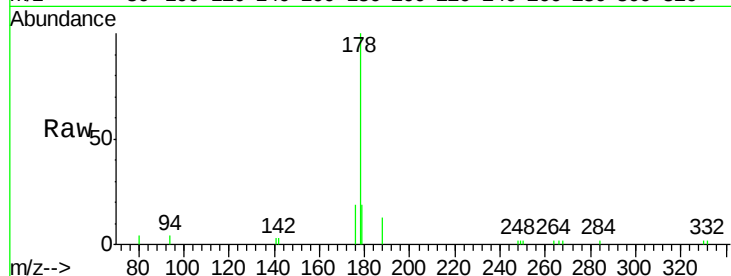
Tgt Ion:178 Resp: 5554

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

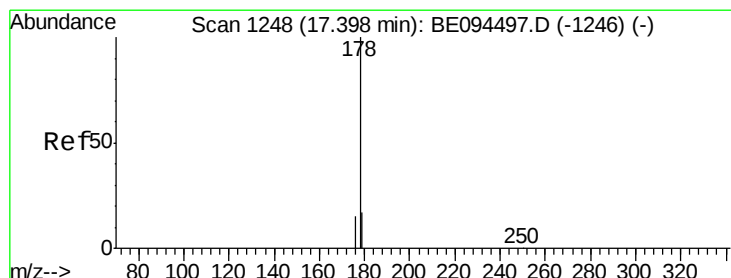
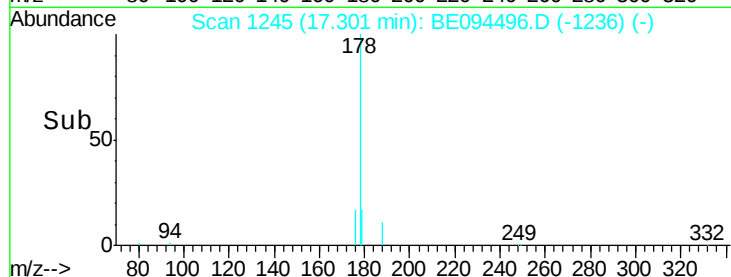
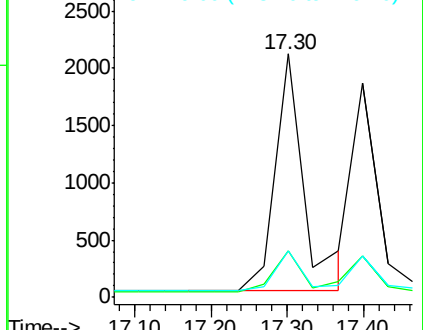
179 16.2 11.8 17.6



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



#24

Anthracene

Concen: 0.187 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

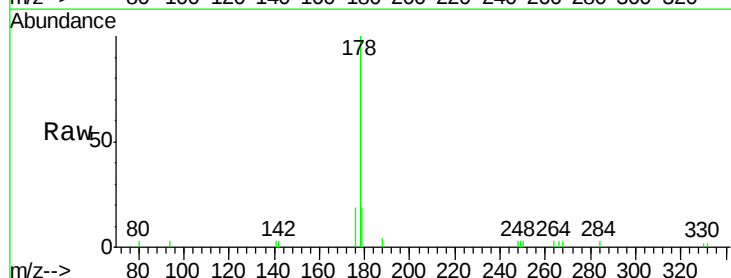
Tgt Ion:178 Resp: 4244

Ion Ratio Lower Upper

178 100

176 16.8 12.8 19.2

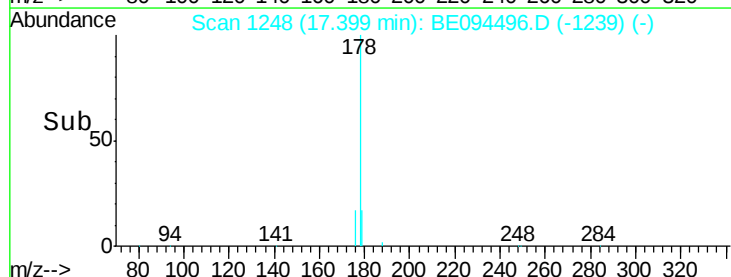
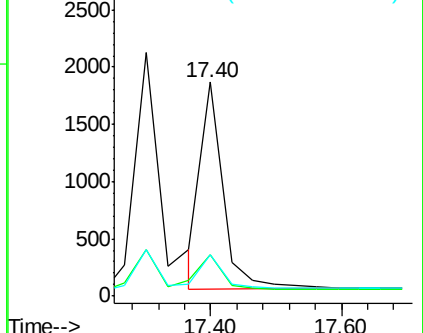
179 17.2 13.0 19.6

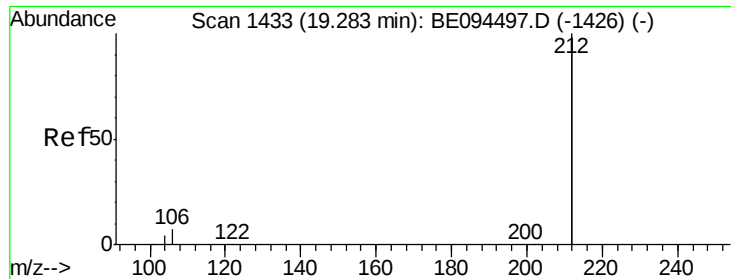


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

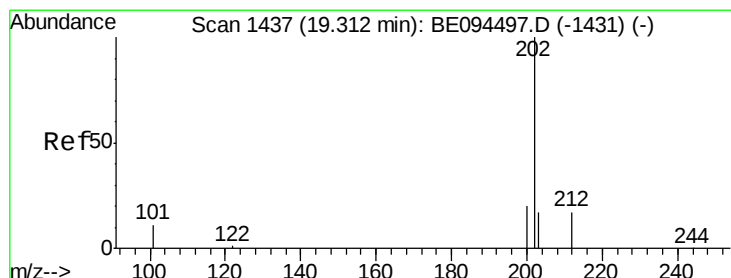
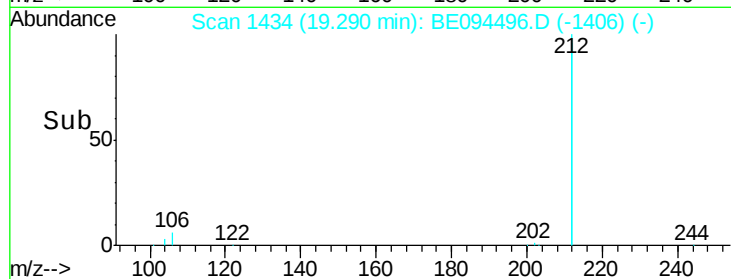
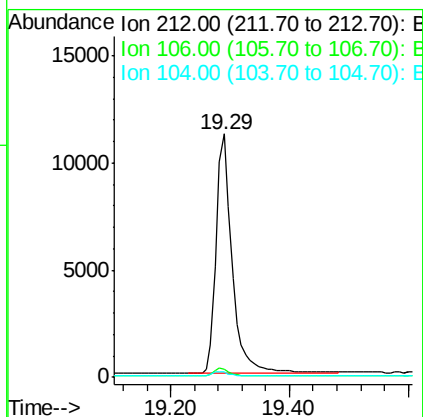
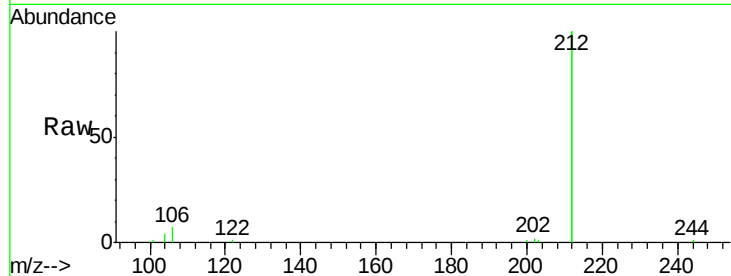




#25
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

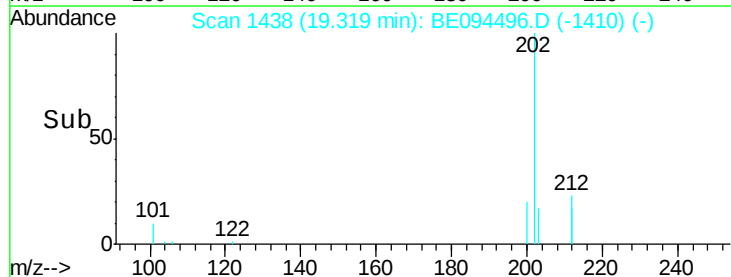
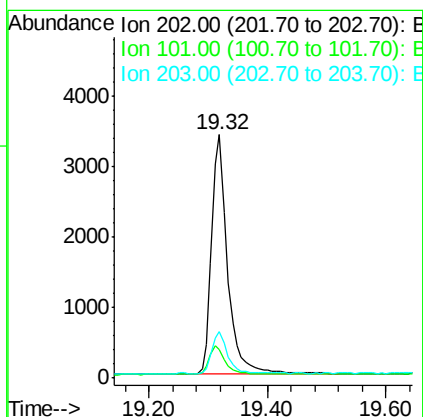
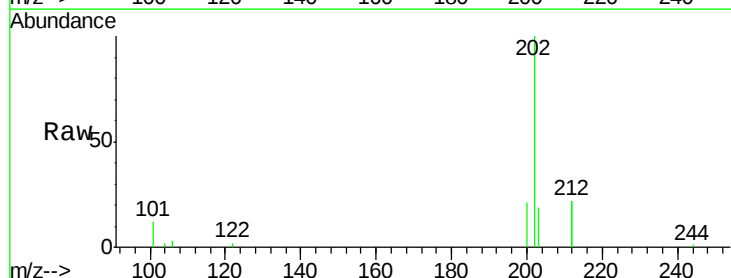
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

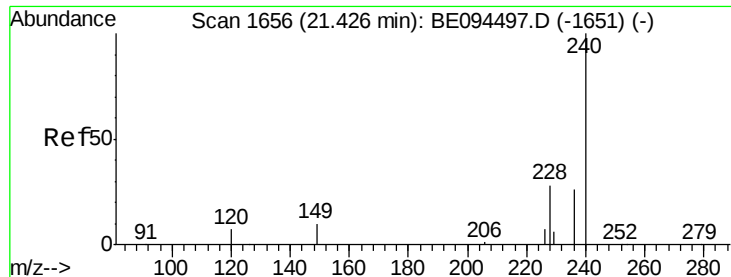
Tgt Ion: 212 Resp: 20894
Ion Ratio Lower Upper
212 100
106 3.6 2.8 4.2
104 2.0 1.6 2.4



#26
Fluoranthene
Concen: 0.174 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094496.D
Acq: 23 Oct 2017 15:28

Tgt Ion: 202 Resp: 6320
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
203 16.8 13.7 20.5

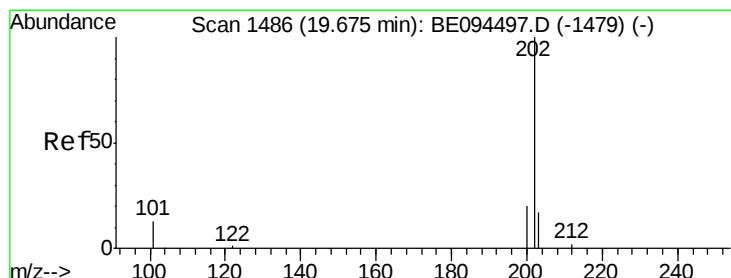
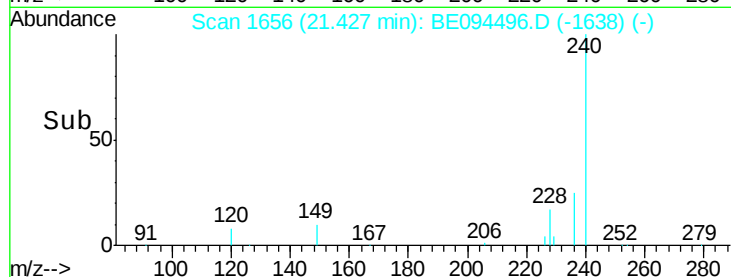
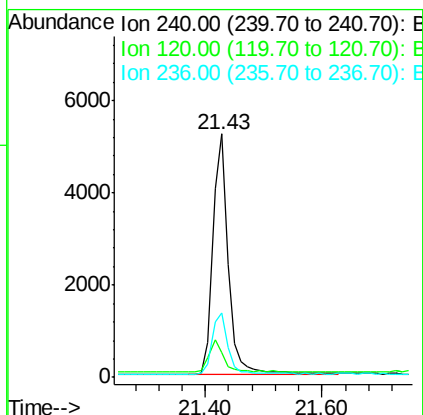
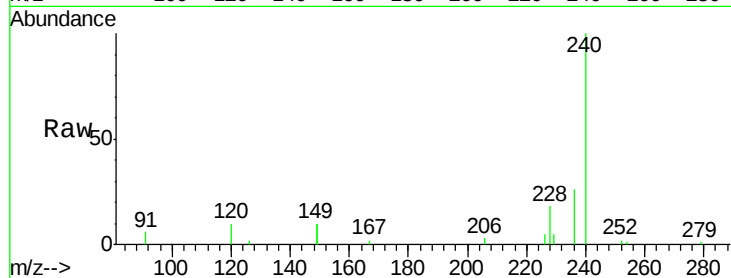




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE094496.D
 Acq: 23 Oct 2017 15:28

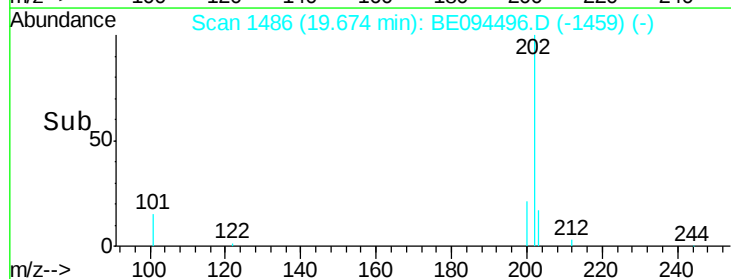
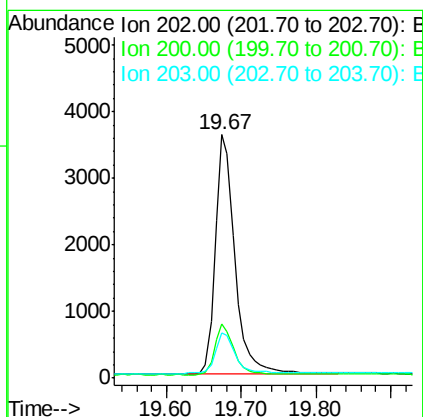
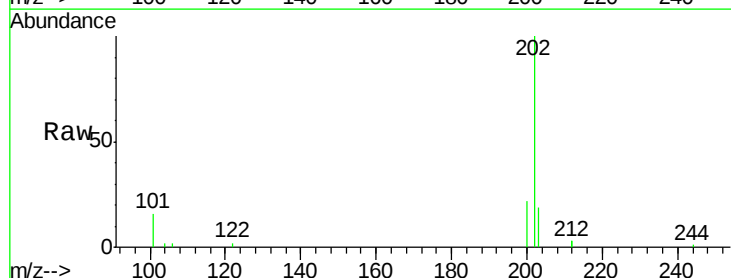
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

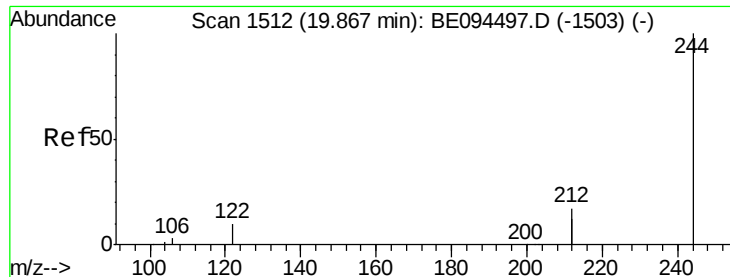
Tgt Ion:240 Resp: 9273
 Ion Ratio Lower Upper
 240 100
 120 10.3 5.5 8.3#
 236 26.2 20.7 31.1



#28
 Pyrene
 Concen: 0.189 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BE094496.D
 Acq: 23 Oct 2017 15:28

Tgt Ion:202 Resp: 6623
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 17.0 13.8 20.8





#29

Terphenyl-d14

Concen: 0.186 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

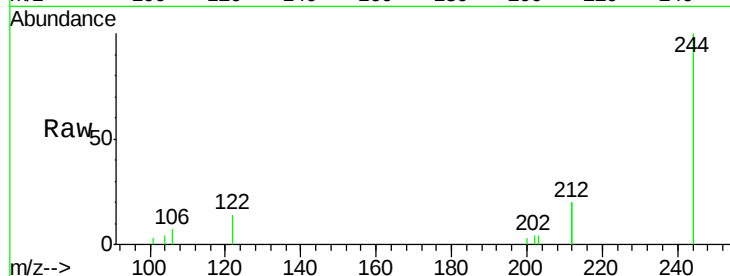
Tgt Ion:244 Resp: 3488

Ion Ratio Lower Upper

244 100

212 40.9 25.4 38.0#

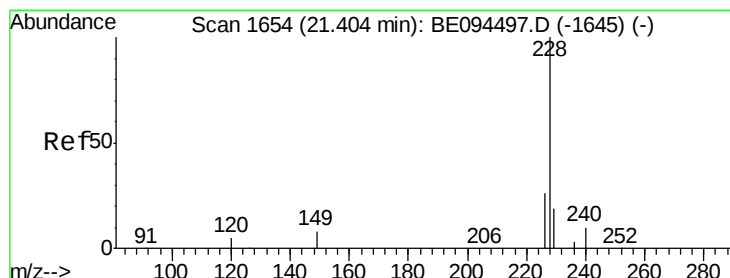
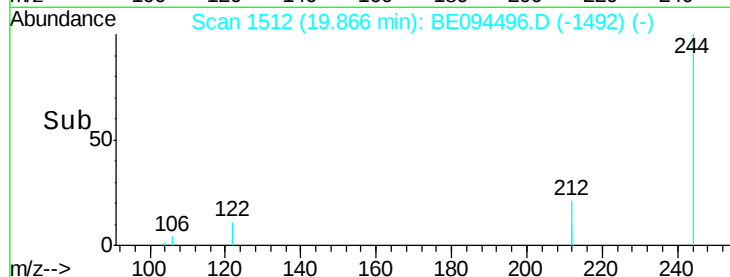
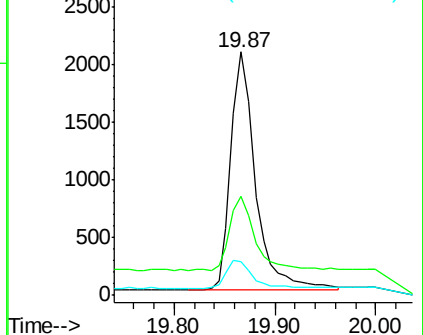
122 13.7 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.193 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

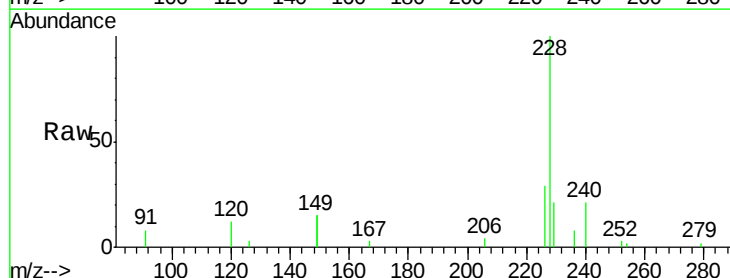
Tgt Ion:228 Resp: 6176

Ion Ratio Lower Upper

228 100

226 28.8 40.0 60.0#

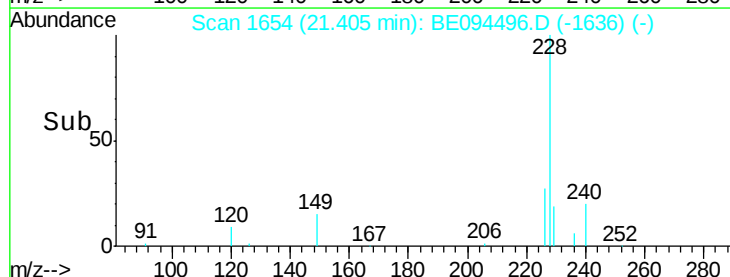
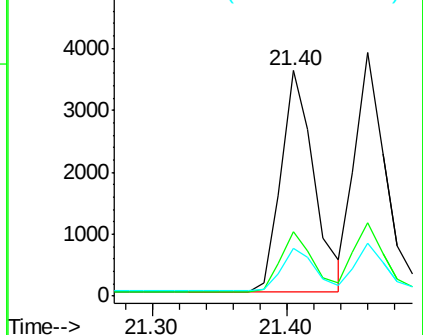
229 21.3 40.0 60.0#

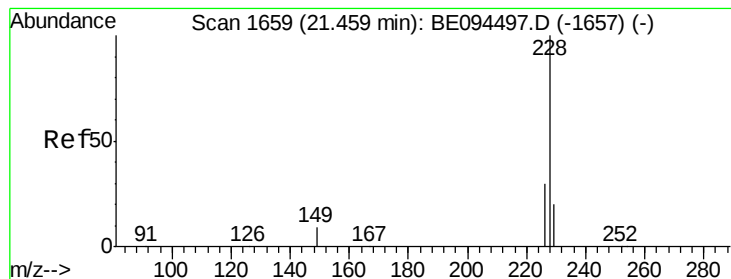


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.203 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

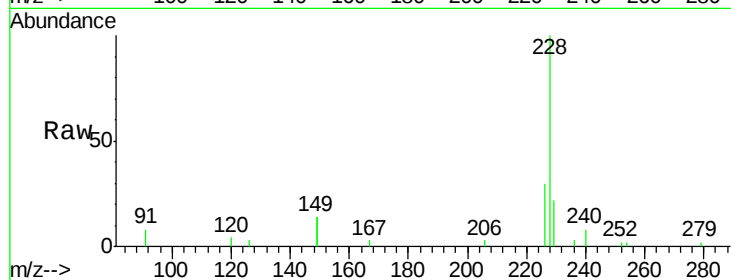
Tgt Ion:228 Resp: 6271

Ion Ratio Lower Upper

228 100

226 30.0 40.0 60.0#

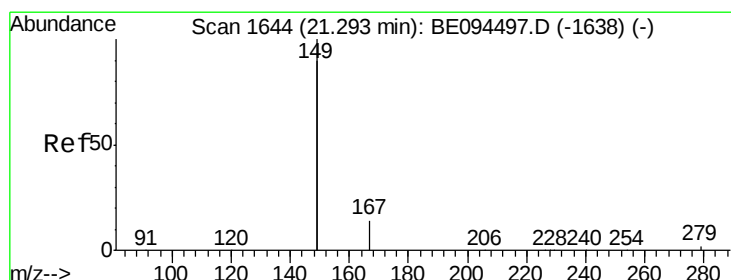
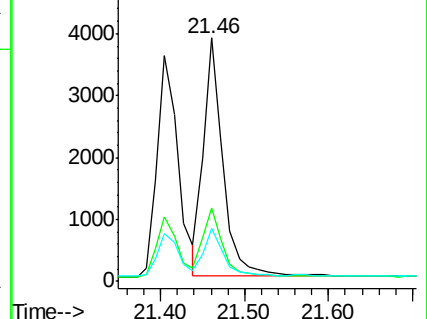
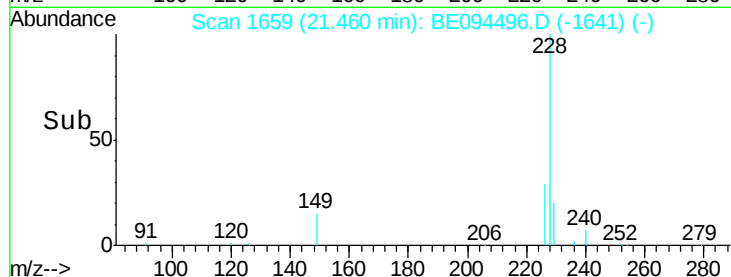
229 21.5 40.0 60.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.164 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

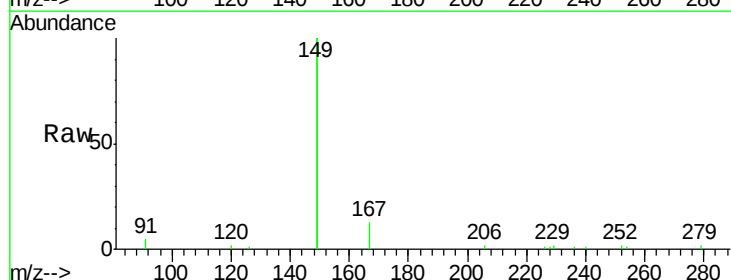
Tgt Ion:149 Resp: 15169

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

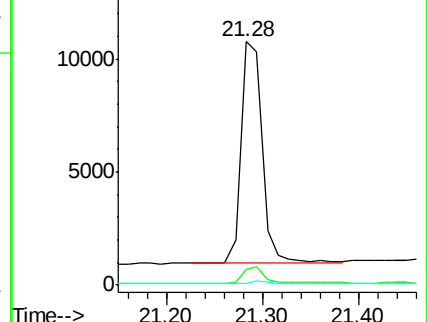
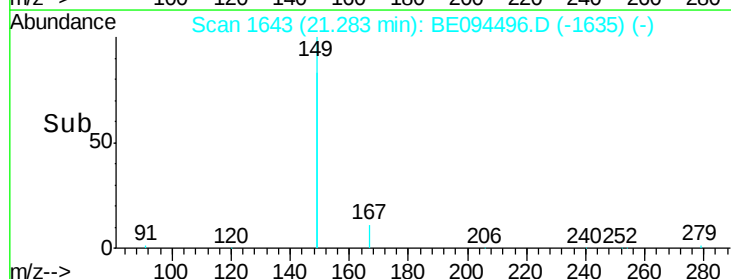
279 1.0 0.7 1.1

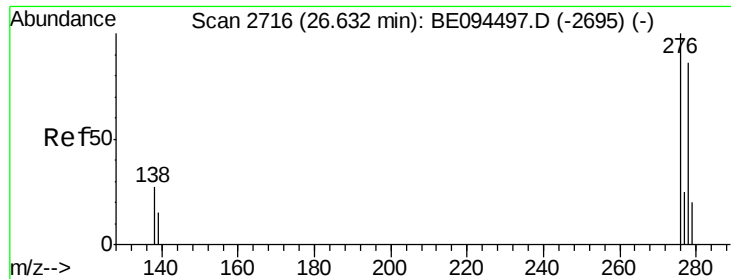


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.188 ng

RT: 26.64 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

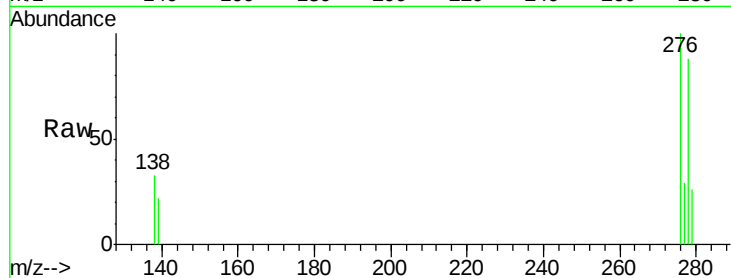
Tgt Ion:276 Resp: 5845

Ion Ratio Lower Upper

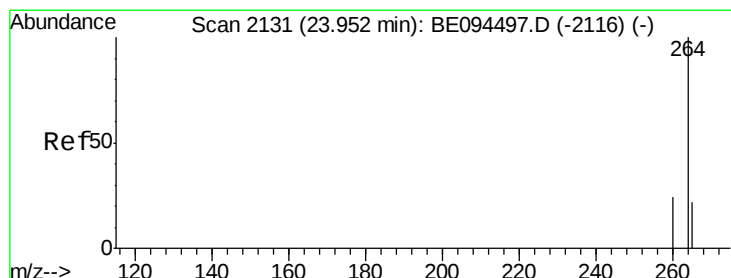
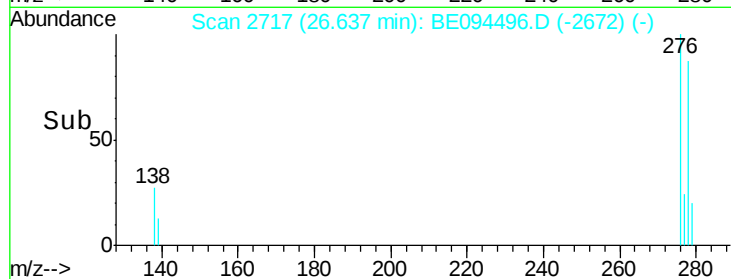
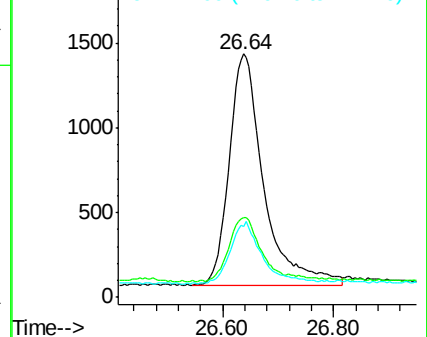
276 100

138 27.4 22.5 33.7

277 24.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

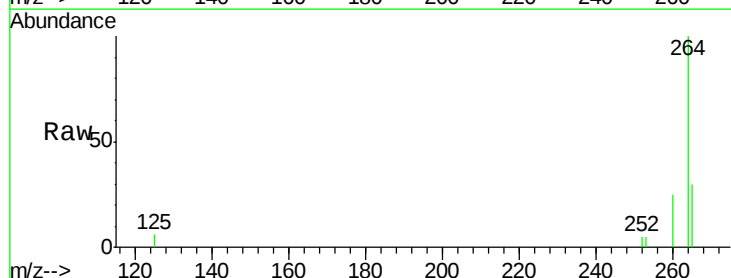
Tgt Ion:264 Resp: 8905

Ion Ratio Lower Upper

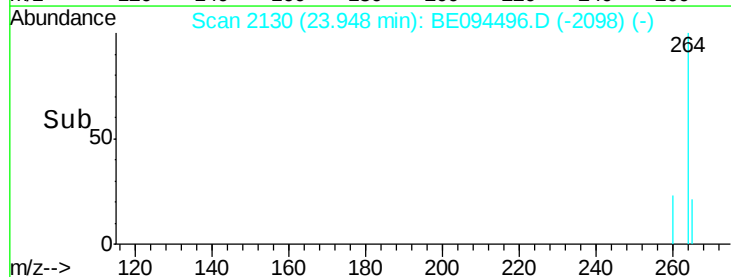
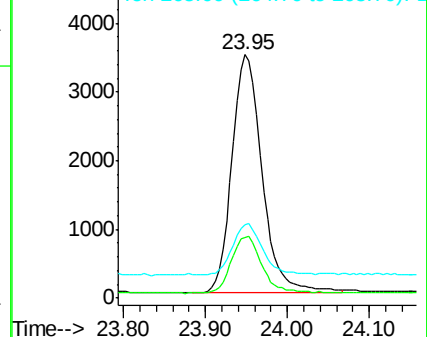
264 100

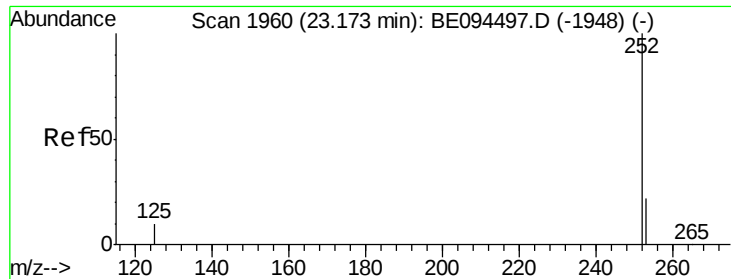
260 24.8 20.5 30.7

265 30.4 22.8 34.2



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





#35

Benzo(b)fluoranthene

Concen: 0.191 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

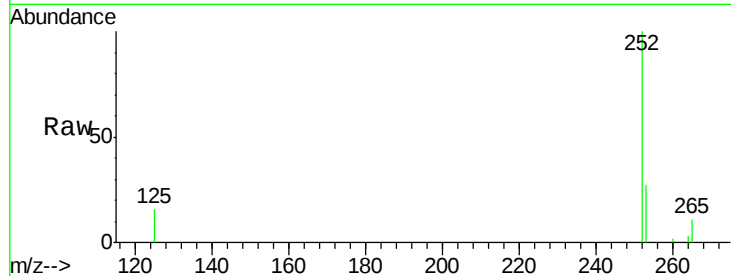
Tgt Ion:252 Resp: 5774

Ion Ratio Lower Upper

252 100

253 27.1 48.0 72.0#

125 15.7 56.0 84.0#

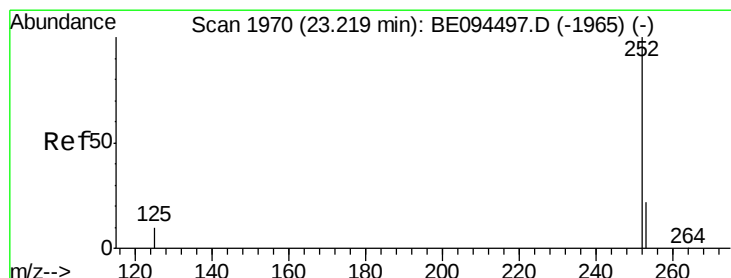
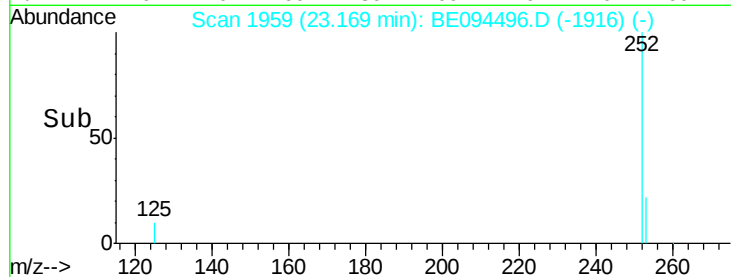
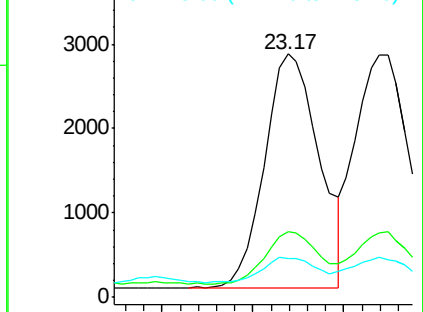


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.204 ng

RT: 23.22 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

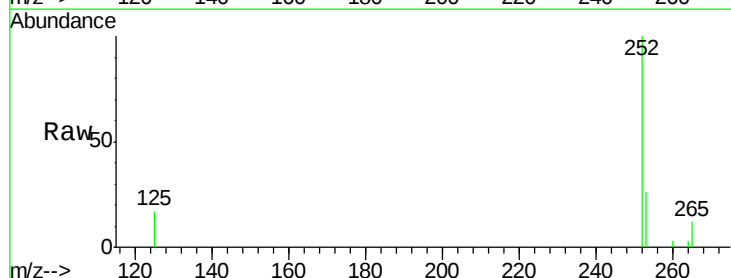
Tgt Ion:252 Resp: 6085

Ion Ratio Lower Upper

252 100

253 26.3 48.0 72.0#

125 16.7 56.0 84.0#

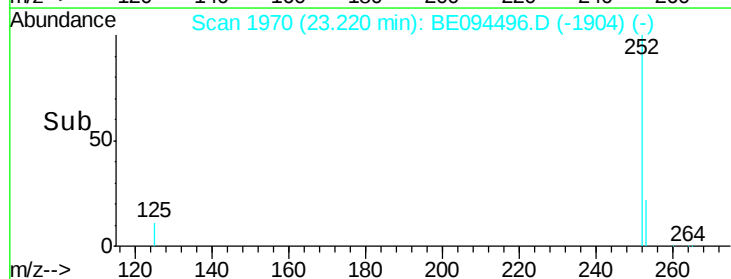
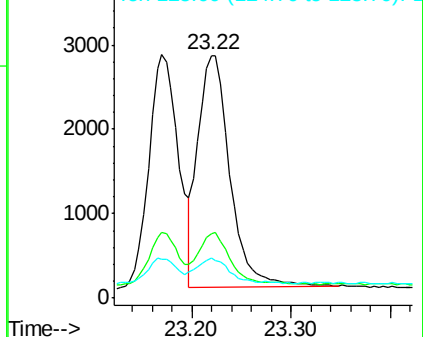


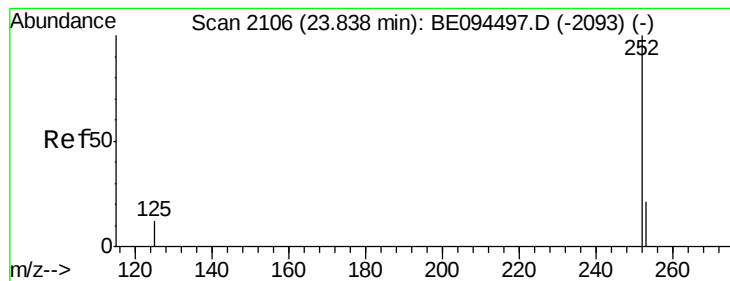
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.197 ng

RT: 23.84 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

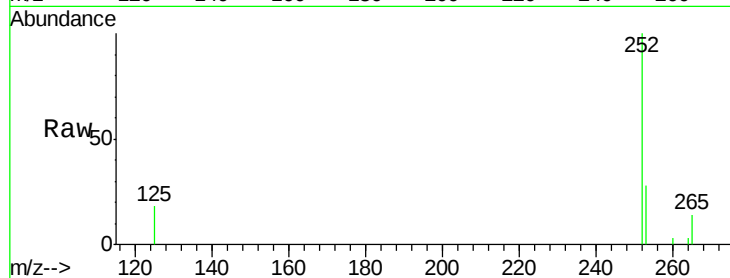
Tgt Ion:252 Resp: 5590

Ion Ratio Lower Upper

252 100

253 27.6 52.0 78.0#

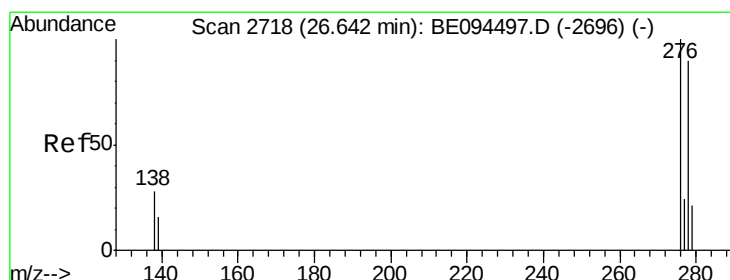
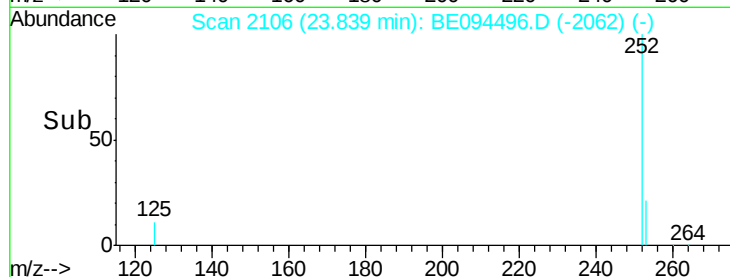
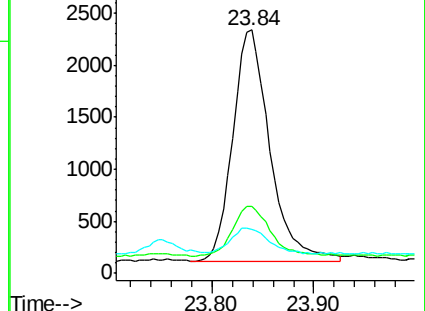
125 18.2 68.0 102.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.185 ng

RT: 26.64 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE094496.D

Acq: 23 Oct 2017 15:28

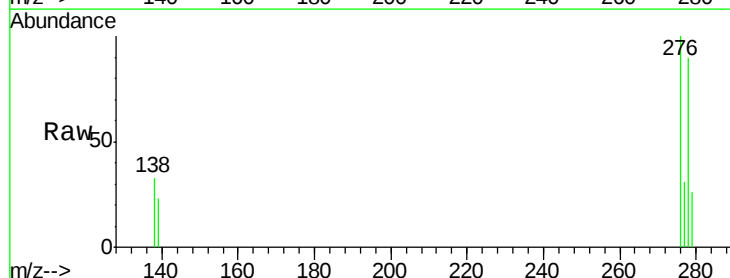
Tgt Ion:278 Resp: 4968

Ion Ratio Lower Upper

278 100

139 25.6 56.0 84.0#

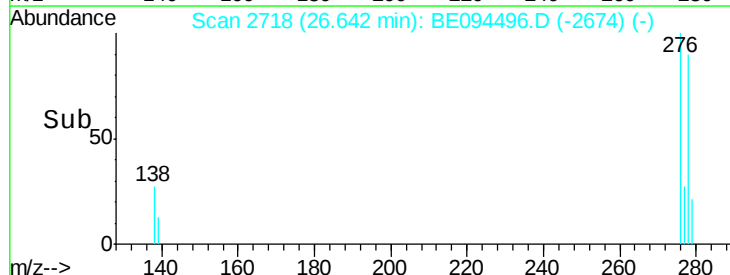
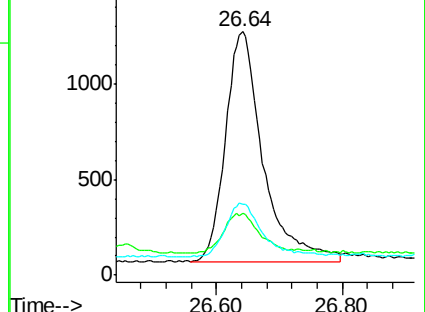
279 29.3 52.0 78.0#

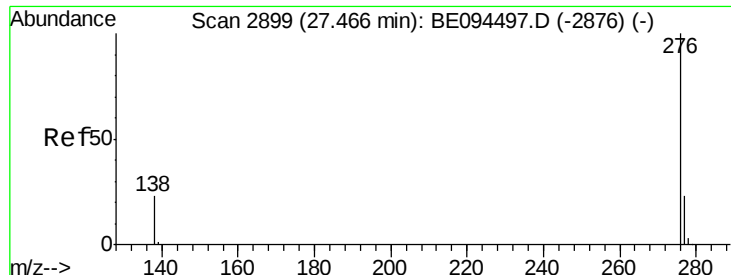


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.182 ng

RT: 27.46 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BE094496.D

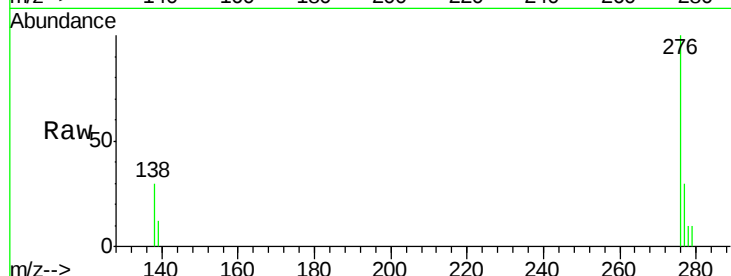
Acq: 23 Oct 2017 15:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2



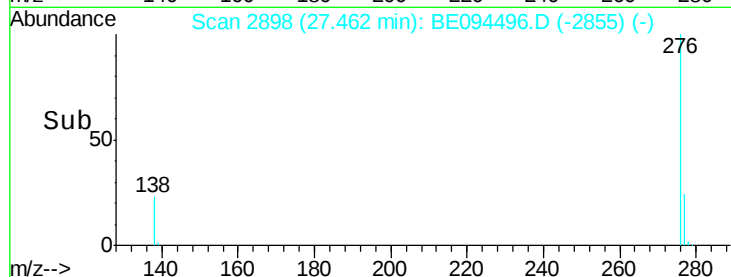
Tgt Ion: 276 Resp: 4693

Ion Ratio Lower Upper

276 100

277 30.0 52.0 78.0#

138 30.4 44.0 66.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

