

Data Path : Z:\HPCHEM1\BNA_E\Data\BE110217\
 Data File : BE094697.D
 Acq On : 2 Nov 2017 16:15
 Operator : SJ/JU
 Sample : PB103598BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103598BS

Quant Time: Nov 02 18:15:32 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 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	928	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	5475	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	3375	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	7659	0.40	ng	0.03
27) Chrysene-d12	21.43	240	8274	0.40	ng	0.00
34) Perylene-d12	23.97	264	7538	0.40	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.56	112	650	0.20	ng	0.04
5) Phenol-d6	7.24	99	1069	0.22	ng	0.10
8) Nitrobenzene-d5	9.13	82	926	0.21	ng	0.05
11) 2-Methylnaphthalene-d10	12.31	152	3366	0.38	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	182	0.20	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	2912	0.24	ng	0.01
25) Fluoranthene-d10	19.29	212	23616	0.22	ng	0.00
29) Terphenyl-d14	19.87	244	3700	0.24	ng	0.00

Target Compounds

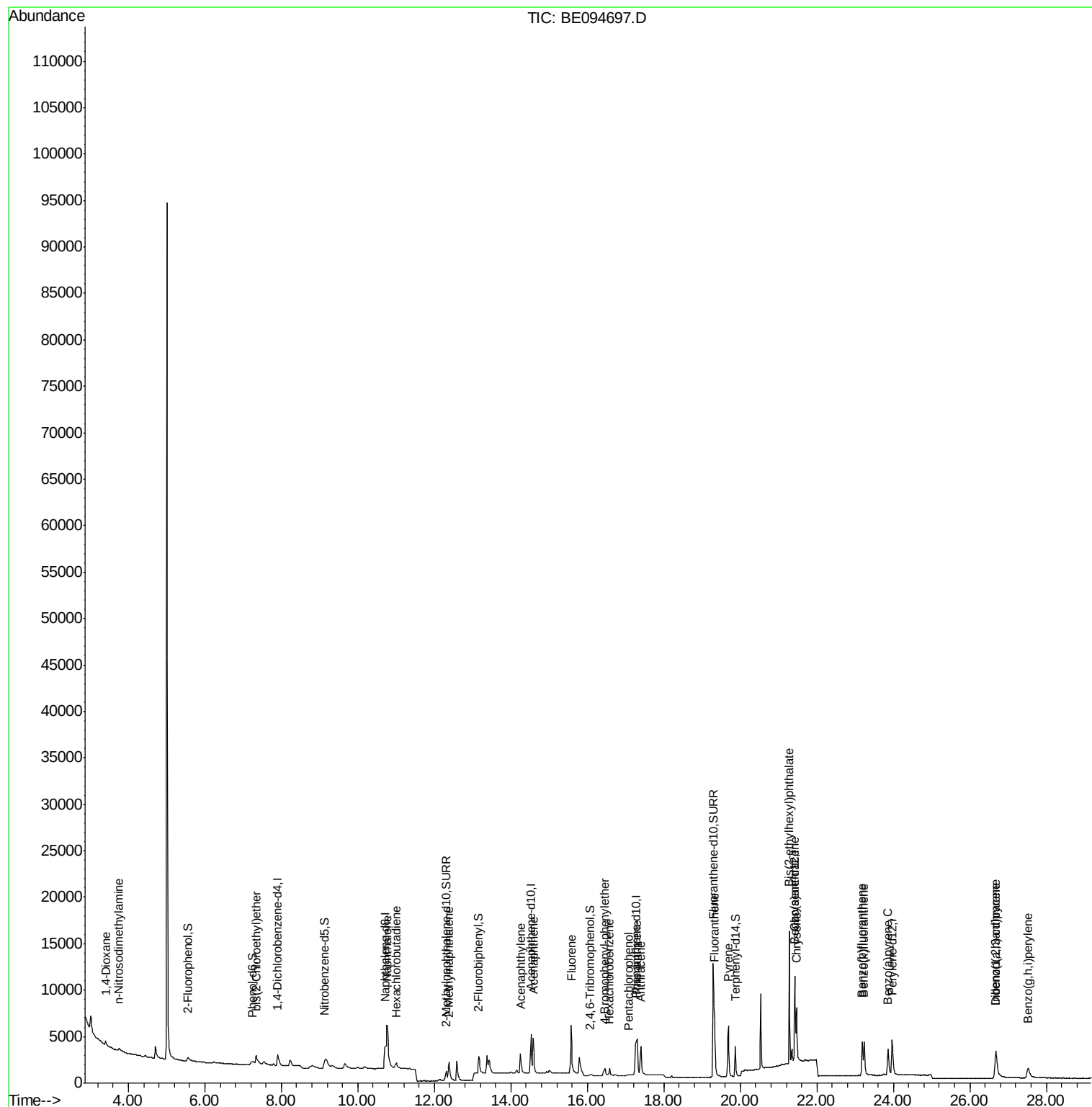
						Qvalue
2) 1,4-Dioxane	3.41	88	345	0.220	ng	# 1
3) n-Nitrosodimethylamine	3.75	42	426	0.283	ng	# 85
6) bis(2-Chloroethyl)ether	7.35	93	780	0.210	ng	# 77
9) Naphthalene	10.77	128	14229	0.230	ng	# 98
10) Hexachlorobutadiene	11.01	225	531	0.237	ng	# 94
12) 2-Methylnaphthalene	12.38	142	2565	0.244	ng	# 99
16) Acenaphthylene	14.26	152	4029	0.226	ng	# 99
17) Acenaphthene	14.58	154	2656	0.232	ng	# 99
18) Fluorene	15.58	166	3384	0.231	ng	# 99
20) 4-Bromophenyl-phenylether	16.45	248	833	0.200	ng	# 75
21) Hexachlorobenzene	16.58	284	1107	0.302	ng	# 65
22) Pentachlorophenol	17.07	266	92	0.197	ng	# 99
23) Phenanthrene	17.30	178	6258	0.290	ng	# 99
24) Anthracene	17.40	178	5855	0.260	ng	# 99
26) Fluoranthene	19.32	202	6723	0.198	ng	# 99
28) Pyrene	19.68	202	6862	0.237	ng	# 99
30) Benzo(a)anthracene	21.42	228	6849	0.254	ng	# 63
31) Chrysene	21.47	228	6310	0.231	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.28	149	16302	0.247	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.68	276	4949	0.196	ng	# 97
35) Benzo(b)fluoranthene	23.19	252	5561	0.228	ng	# 44
36) Benzo(k)fluoranthene	23.24	252	6651	0.256	ng	# 44
37) Benzo(a)pyrene	23.86	252	6066	0.256	ng	# 38
38) Dibenzo(a,h)anthracene	26.68	278	4439	0.209	ng	# 51
39) Benzo(g,h,i)perylene	27.52	276	3792	0.191	ng	# 61

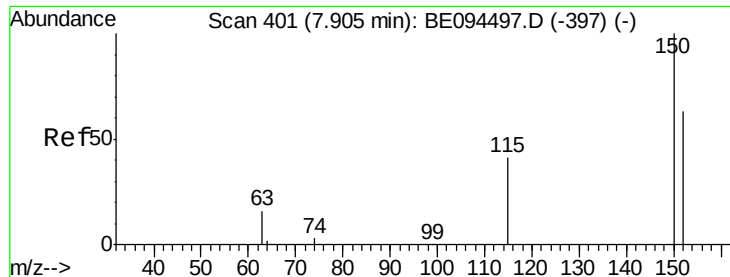
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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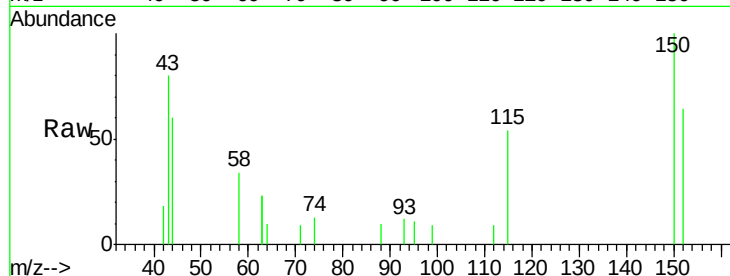




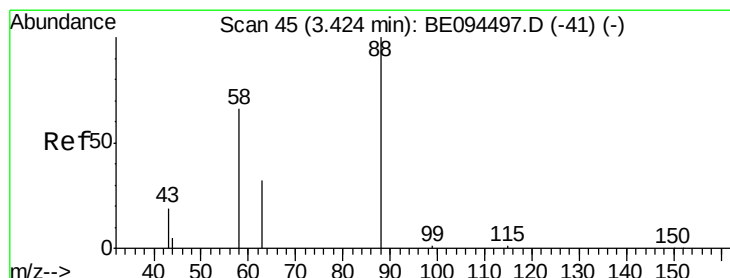
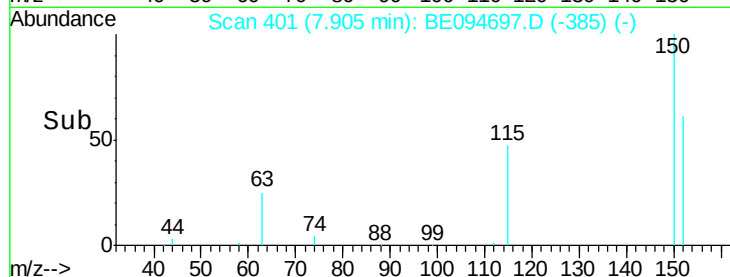
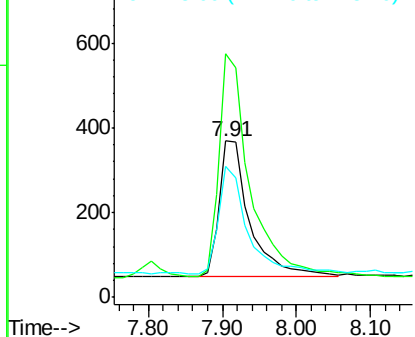
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BE094697.D
 Acq: 2 Nov 2017 16:15

Instrument :
 BNA_E
 ClientSampleId :
 PB103598BS

Tgt Ion: 152 Resp: 928
 Ion Ratio Lower Upper
 152 100
 150 155.6 117.2 175.8
 115 83.5 57.0 85.6

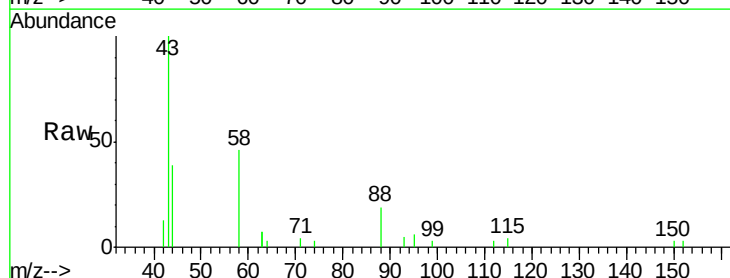


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

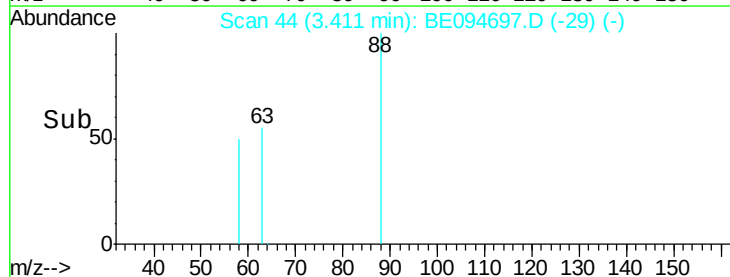
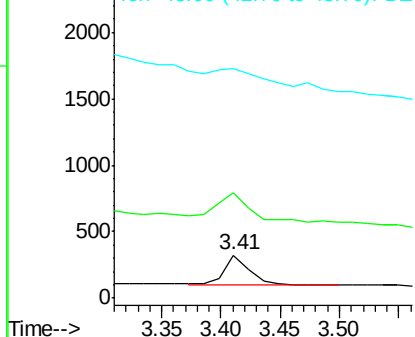


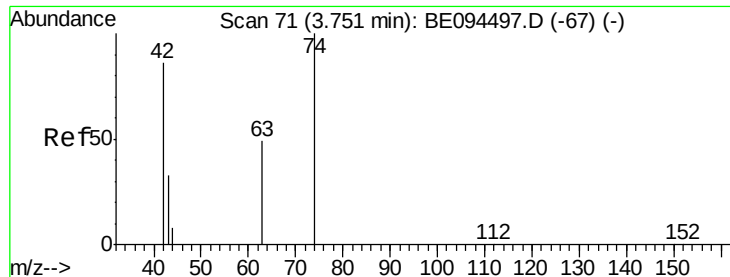
#2
 1,4-Dioxane
 Concen: 0.220 ng
 RT: 3.41 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE094697.D
 Acq: 2 Nov 2017 16:15

Tgt Ion: 88 Resp: 345
 Ion Ratio Lower Upper
 88 100
 58 235.9 63.2 94.8#
 43 0.0 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: 0.283 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

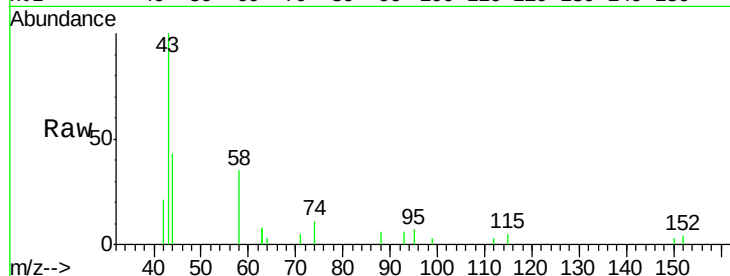
Tgt Ion: 42 Resp: 426

Ion Ratio Lower Upper

42 100

74 114.1 100.3 150.5

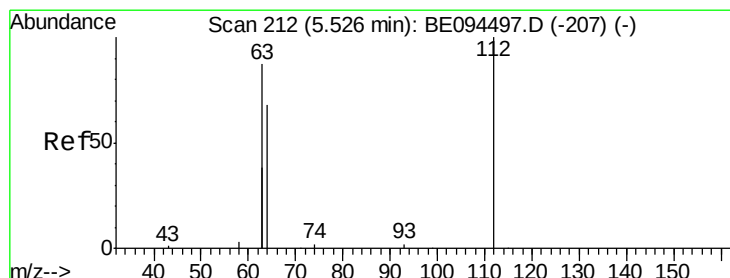
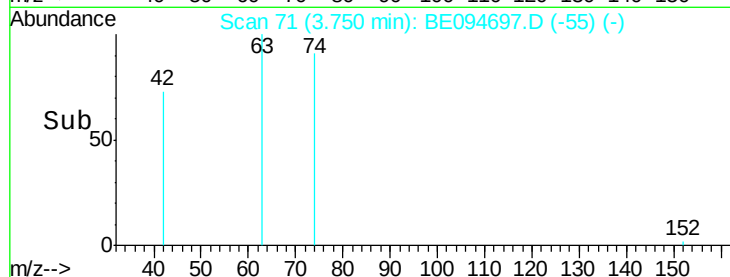
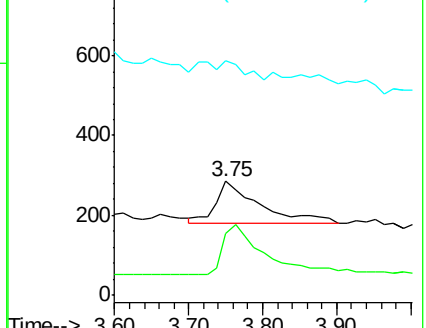
44 0.0 17.0 25.4#



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



#4

2-Fluorophenol

Concen: 0.204 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

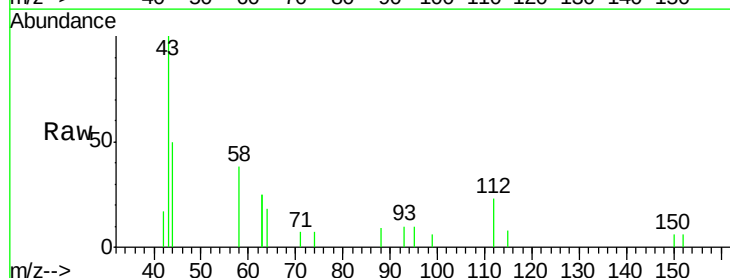
Tgt Ion: 112 Resp: 650

Ion Ratio Lower Upper

112 100

64 72.2 60.1 90.1

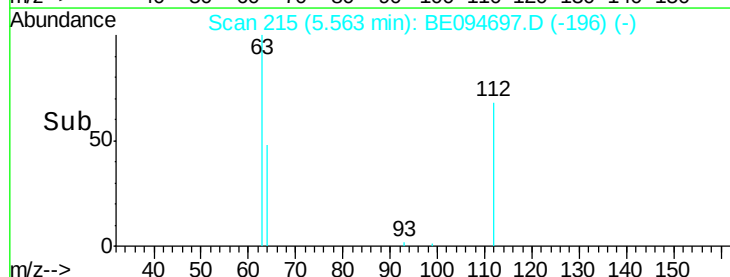
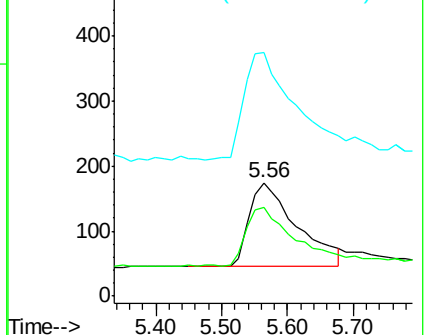
63 138.5 116.8 175.2

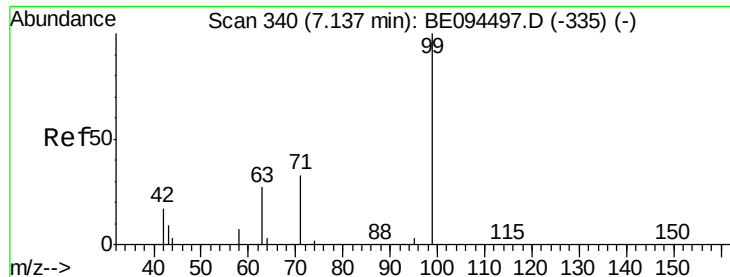


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.223 ng

RT: 7.24 min Scan# 348

Delta R.T. 0.10 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

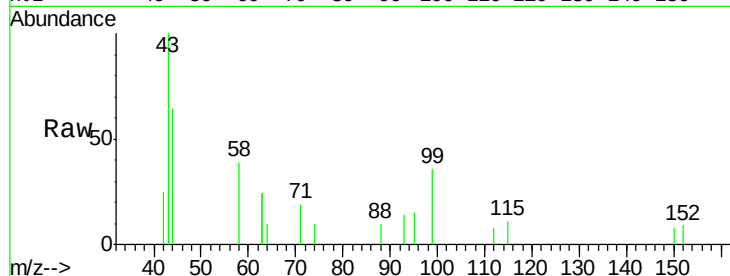
Tgt Ion: 99 Resp: 1069

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

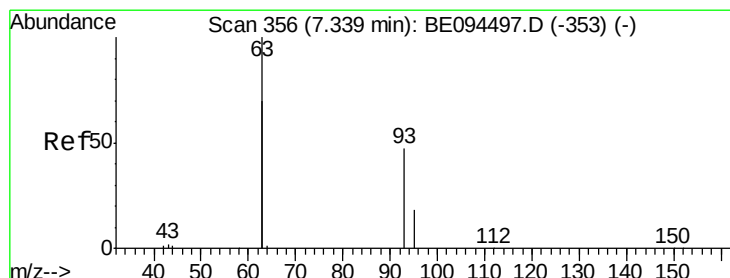
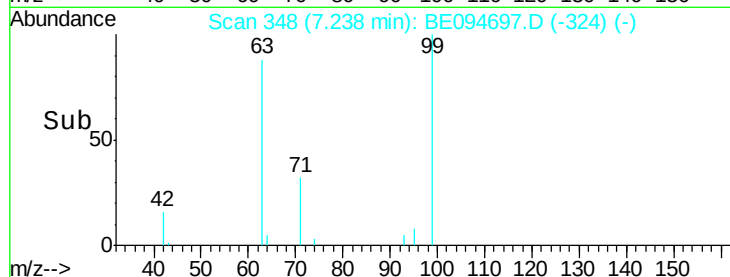
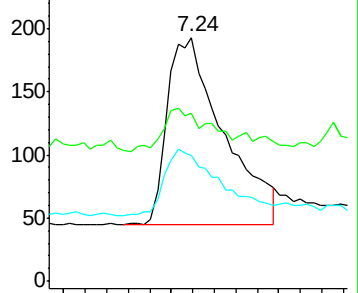
71 0.0 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.210 ng

RT: 7.35 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

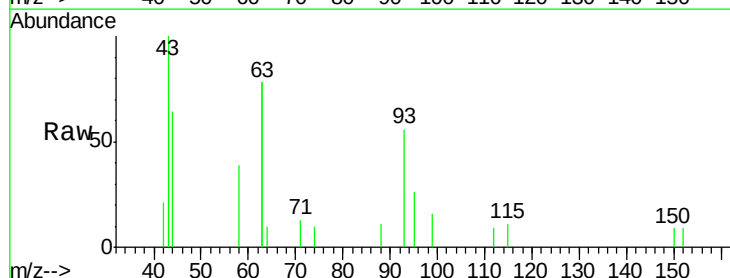
Tgt Ion: 93 Resp: 780

Ion Ratio Lower Upper

93 100

63 290.4 275.3 412.9

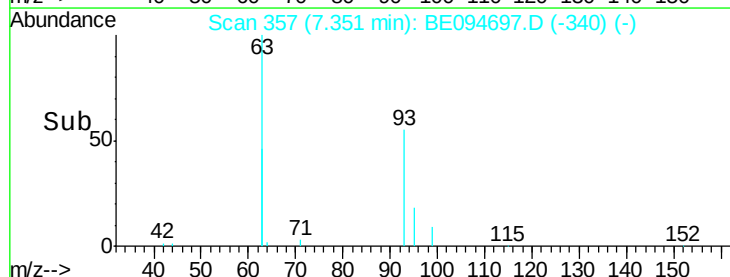
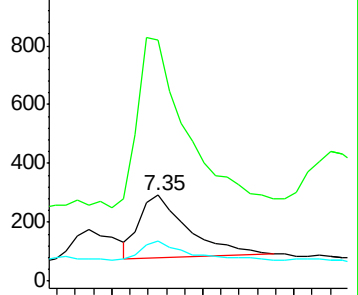
95 30.5 25.2 37.8

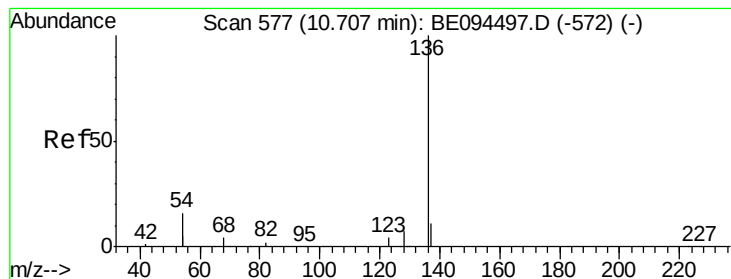


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

Tgt Ion:136 Resp: 5475

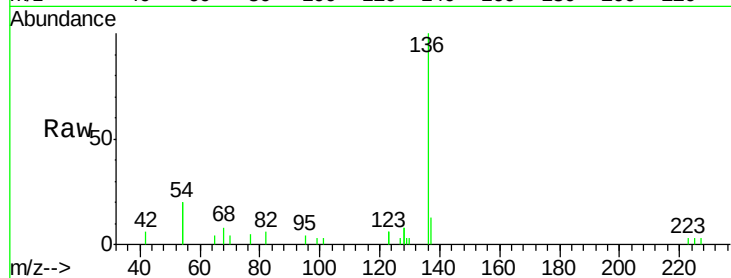
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 39.7 29.1 43.7

68 8.4 6.2 9.2

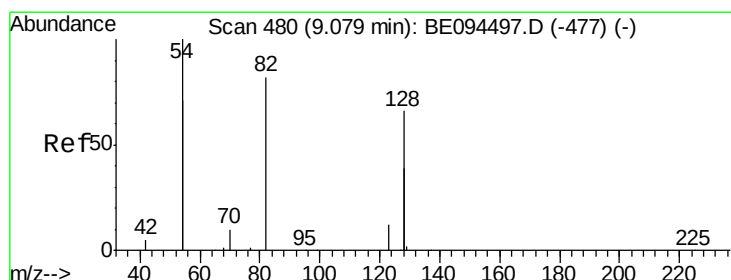
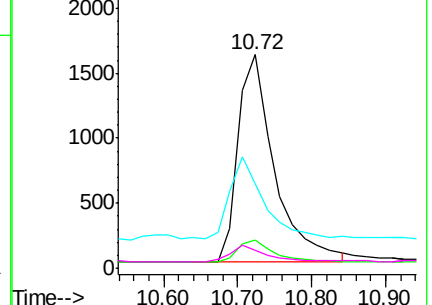
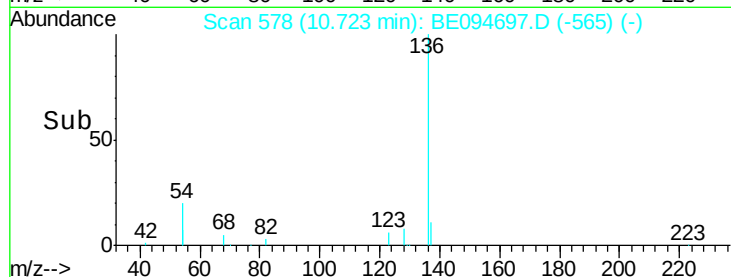


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.212 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

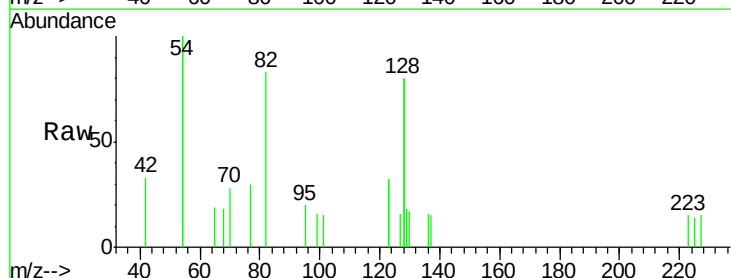
Tgt Ion: 82 Resp: 926

Ion Ratio Lower Upper

82 100

128 192.2 150.0 225.0

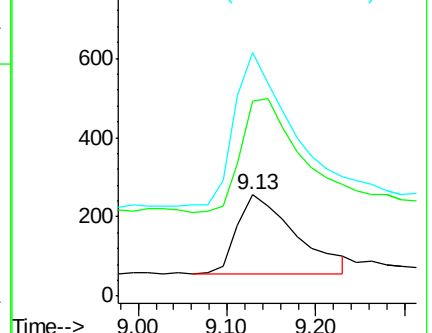
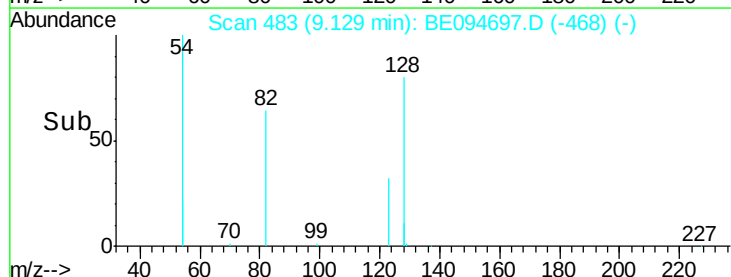
54 239.8 154.2 231.4#

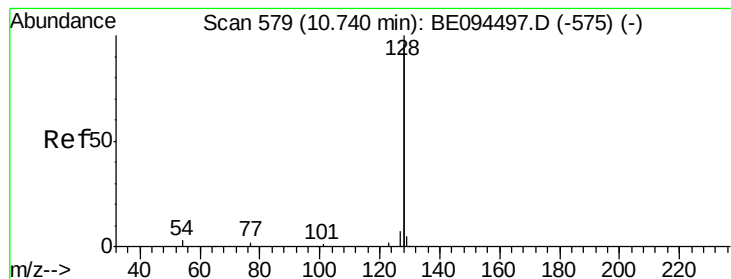


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.230 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.03 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

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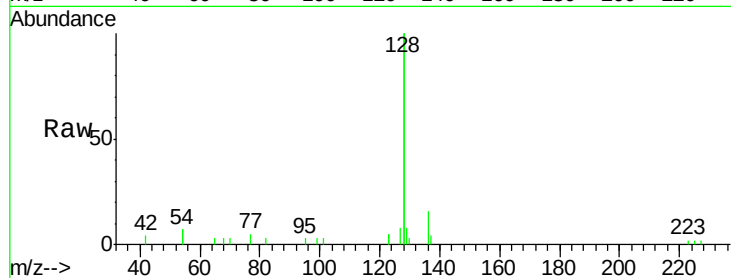
Tgt Ion:128 Resp: 14229

Ion Ratio Lower Upper

128 100

129 3.9 2.6 3.8#

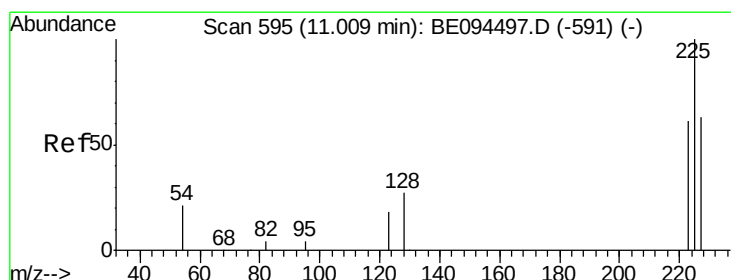
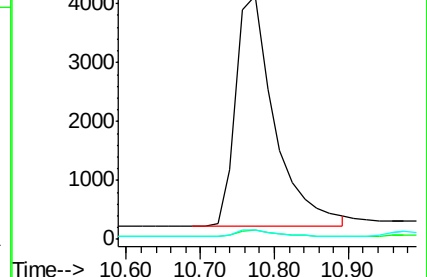
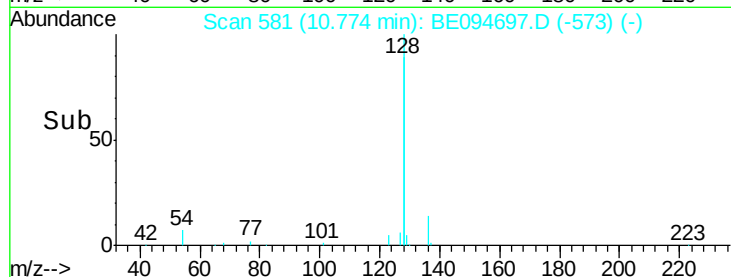
127 4.1 2.8 4.2



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: 0.237 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

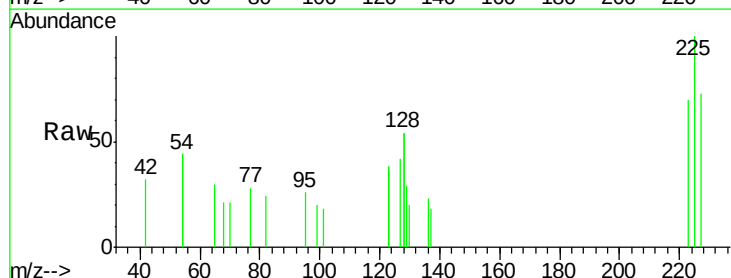
Tgt Ion:225 Resp: 531

Ion Ratio Lower Upper

225 100

223 68.7 53.0 79.6

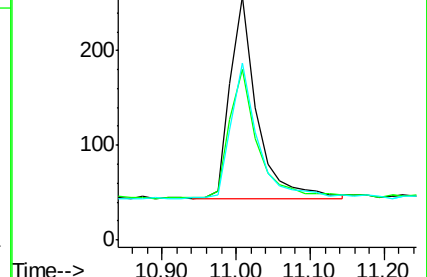
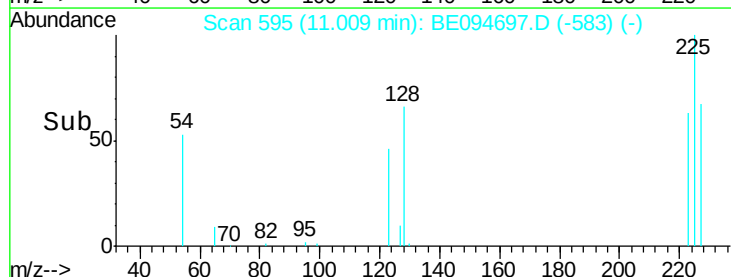
227 71.0 51.4 77.2

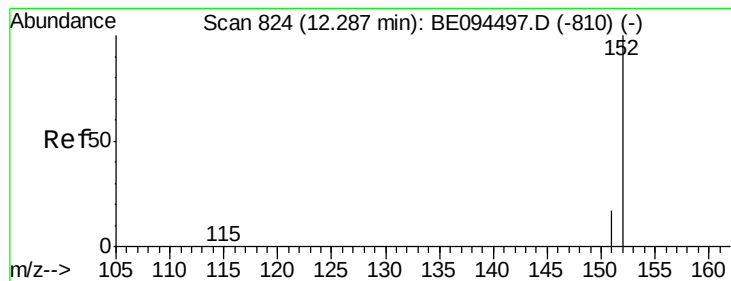


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.02 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

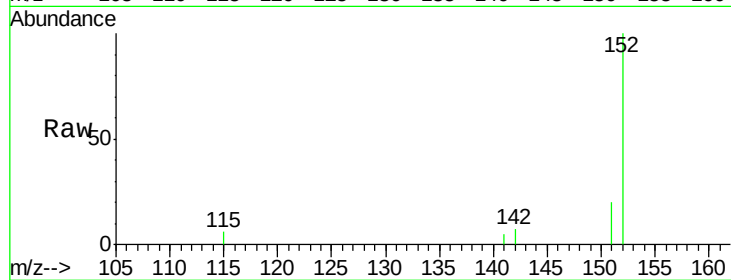
PB103598BS

Tgt Ion:152 Resp: 3366

Ion Ratio Lower Upper

152 100

151 11.7 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.31

1000

800

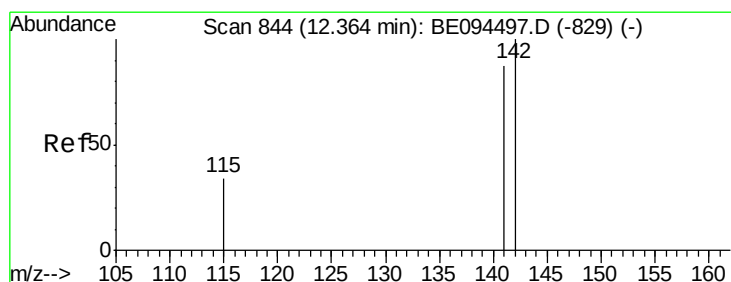
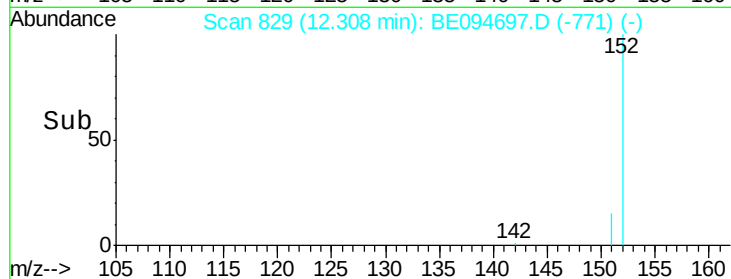
600

400

200

0

Time--> 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.244 ng

RT: 12.38 min Scan# 849

Delta R.T. 0.02 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

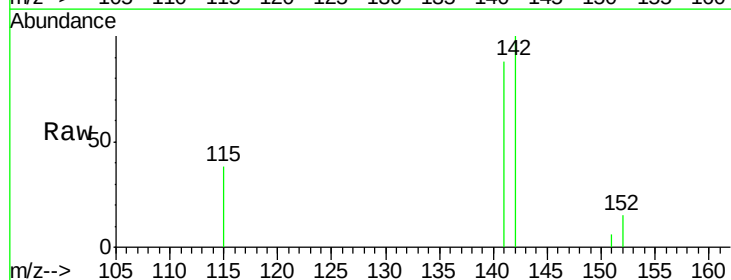
Tgt Ion:142 Resp: 2565

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 38.3 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

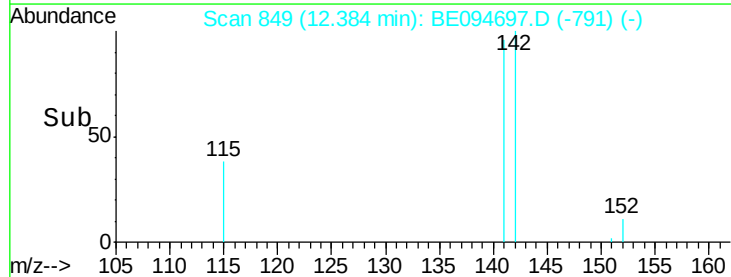
12.38

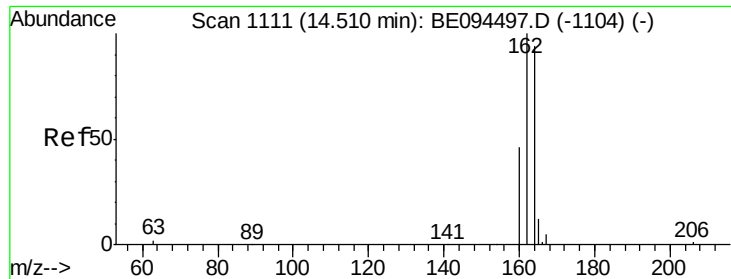
1000

500

0

Time--> 12.30 12.40 12.50

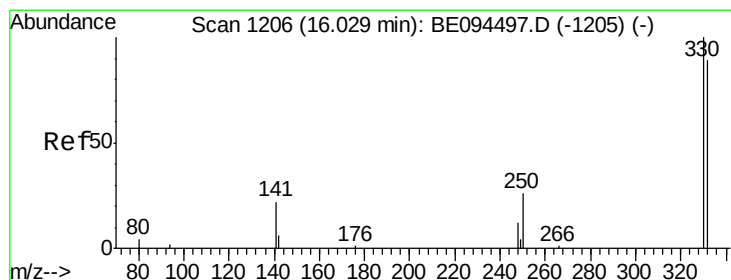
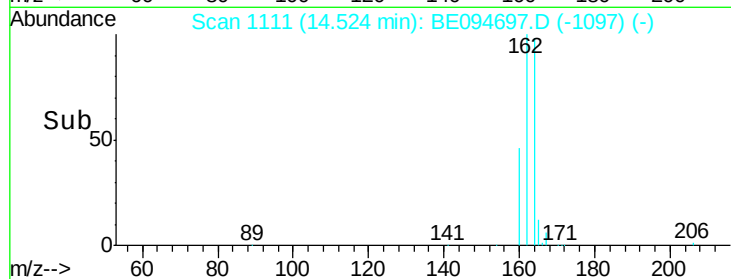
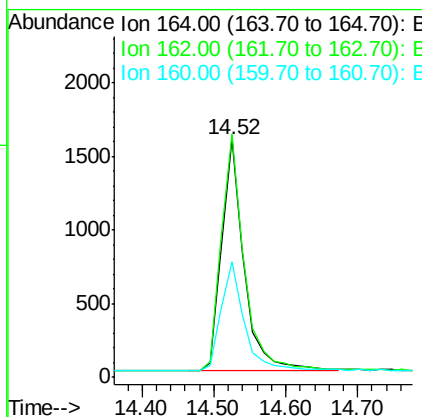
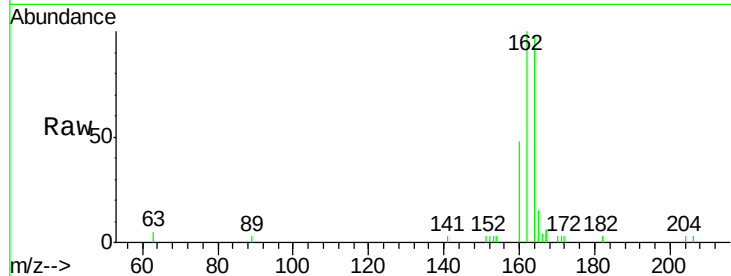




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE094697.D
Acq: 2 Nov 2017 16:15

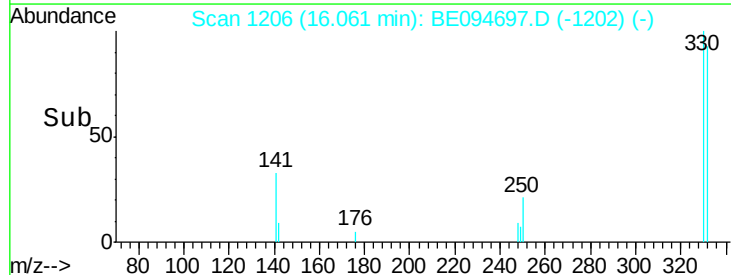
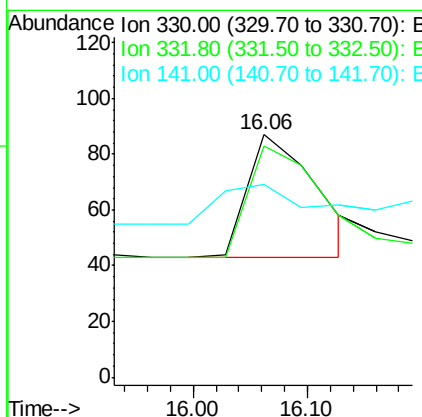
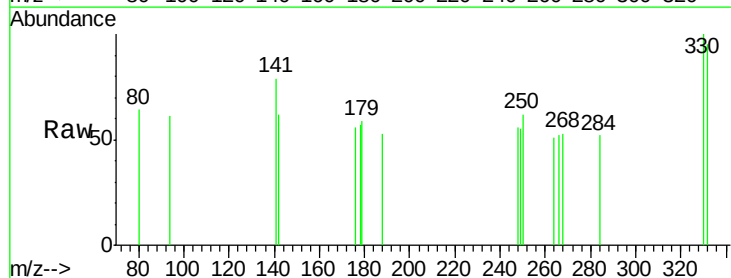
Instrument :
BNA_E
ClientSampleId :
PB103598BS

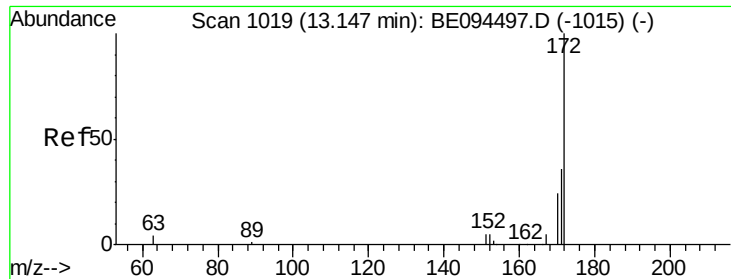
Tgt Ion:164 Resp: 3375
Ion Ratio Lower Upper
164 100
162 102.2 83.1 124.7
160 48.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 16.06 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094697.D
Acq: 2 Nov 2017 16:15

Tgt Ion:330 Resp: 182
Ion Ratio Lower Upper
330 100
332 94.5 152.7 229.1#
141 34.6 33.7 50.5

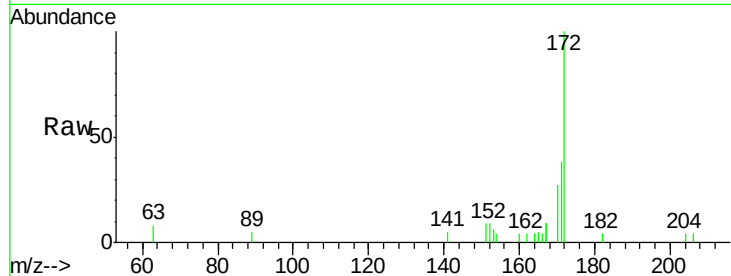




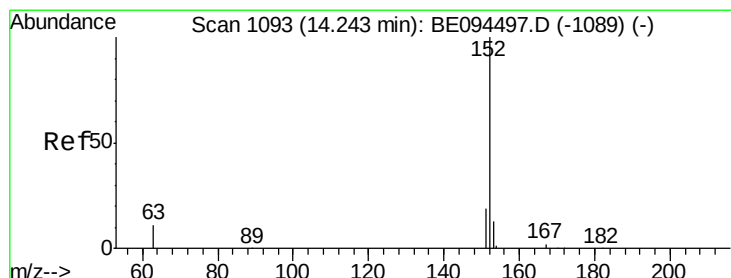
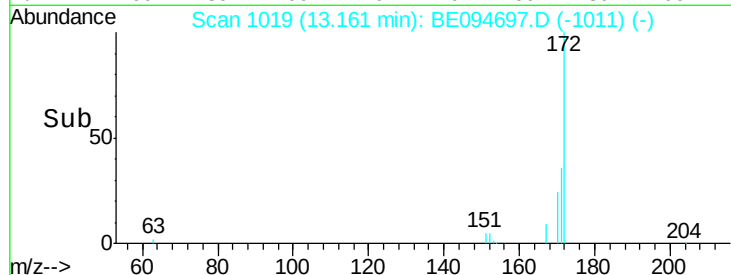
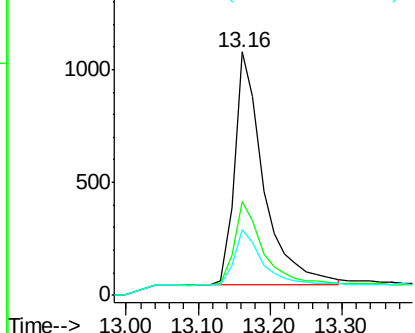
#15
2-Fluorobiphenyl
Concen: 0.245 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094697.D
Acq: 2 Nov 2017 16:15

Instrument :
BNA_E
ClientSampleId :
PB103598BS

Tgt Ion:172 Resp: 2912
Ion Ratio Lower Upper
172 100
171 38.5 29.9 44.9
170 27.2 21.8 32.8

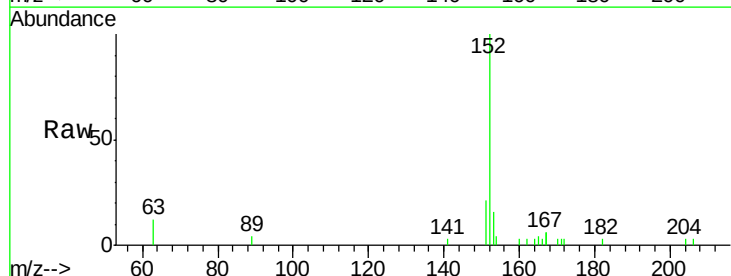


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

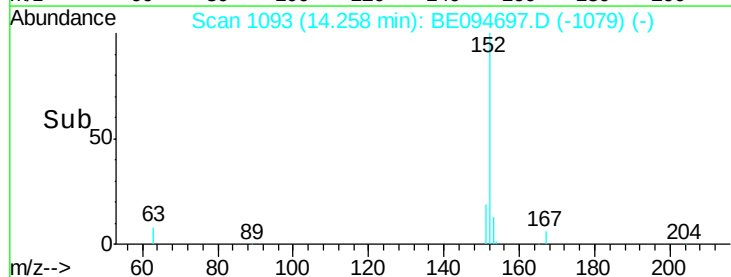
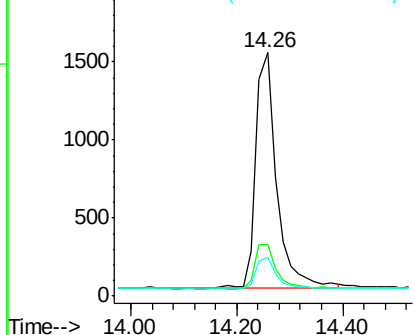


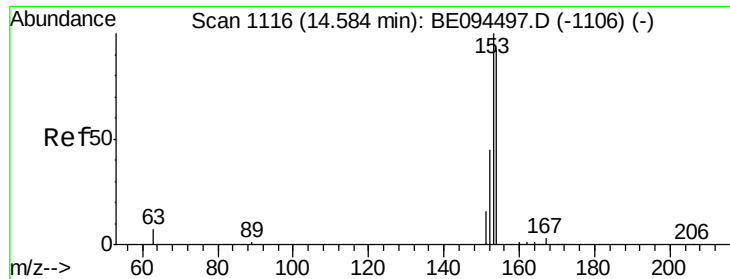
#16
Acenaphthylene
Concen: 0.226 ng
RT: 14.26 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE094697.D
Acq: 2 Nov 2017 16:15

Tgt Ion:152 Resp: 4029
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 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: 0.232 ng

RT: 14.58 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

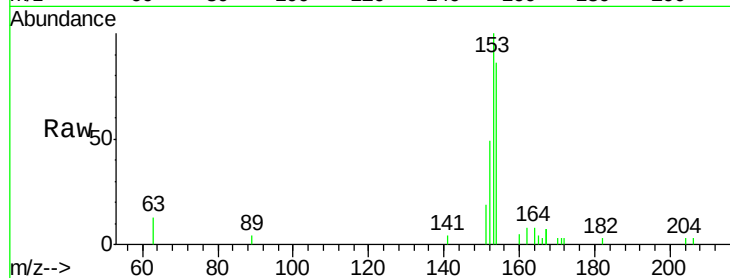
Tgt Ion:154 Resp: 2656

Ion Ratio Lower Upper

154 100

153 112.6 89.2 133.8

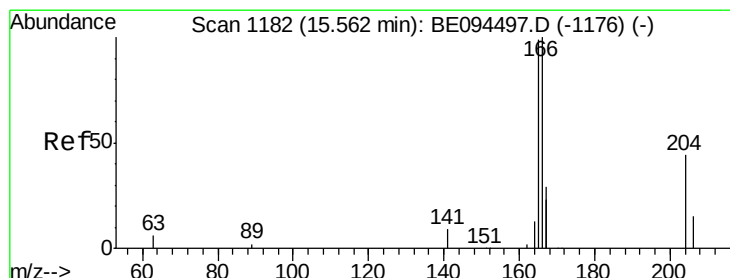
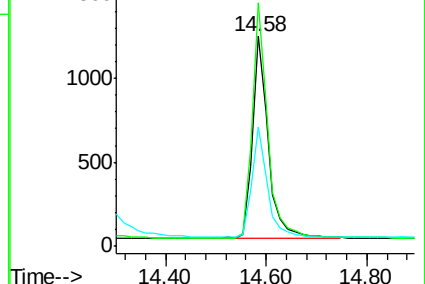
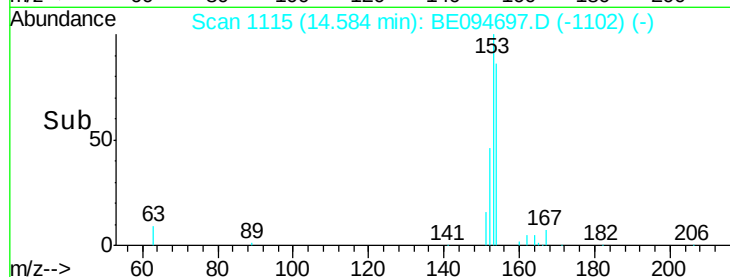
152 52.6 42.0 63.0



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: 0.231 ng

RT: 15.58 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

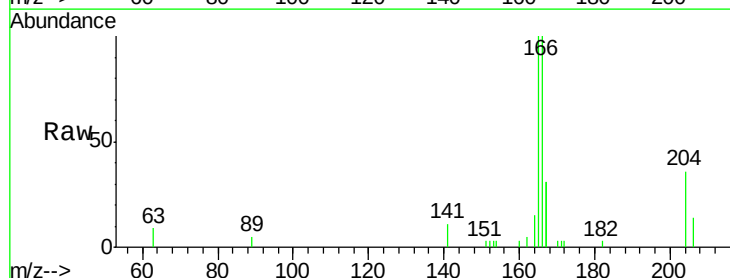
Tgt Ion:166 Resp: 3384

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

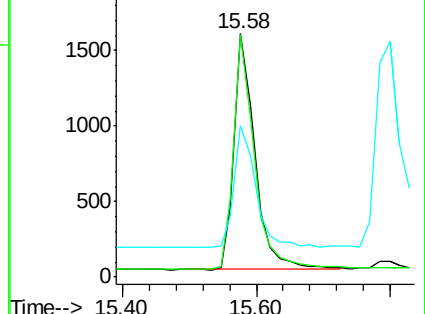
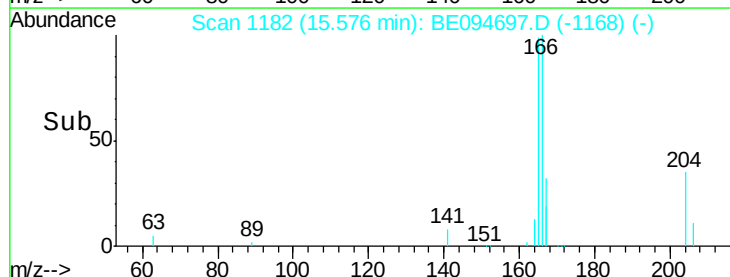
167 52.7 42.4 63.6

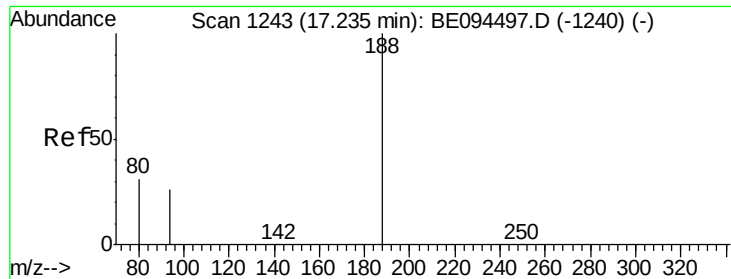


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1243

Delta R.T. 0.03 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

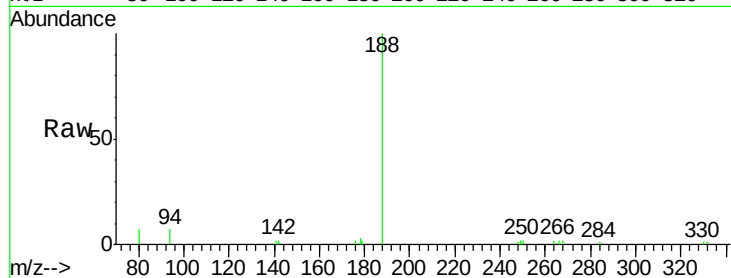
Tgt Ion:188 Resp: 7659

Ion Ratio Lower Upper

188 100

94 7.4 3.9 5.9#

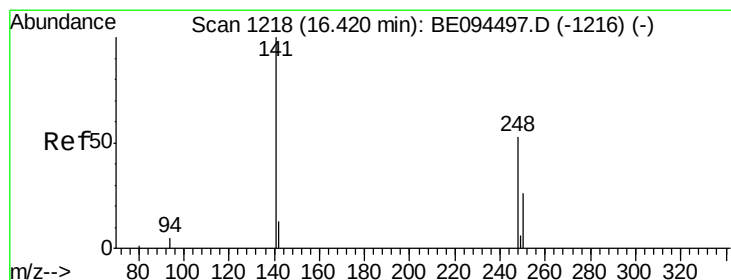
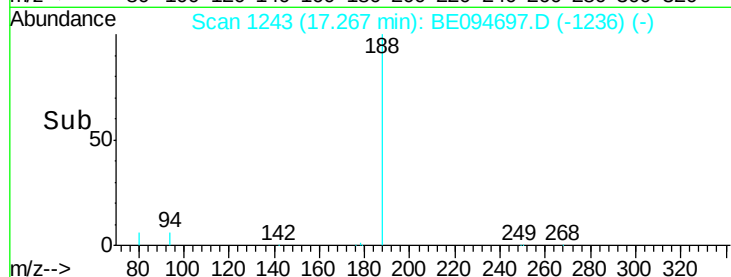
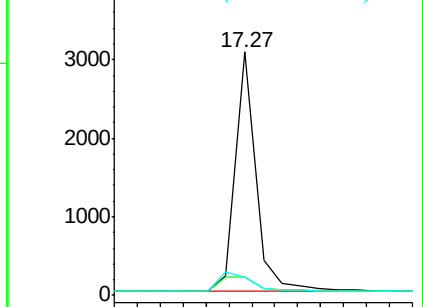
80 7.3 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.200 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.03 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

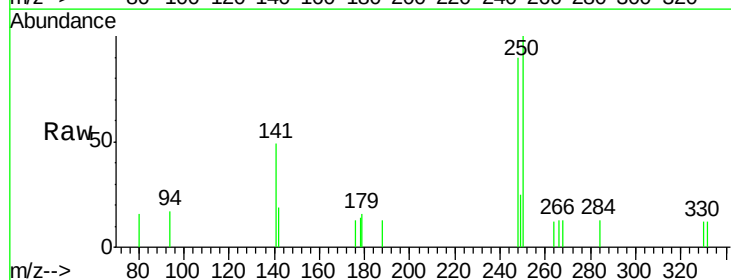
Tgt Ion:248 Resp: 833

Ion Ratio Lower Upper

248 100

250 111.1 62.7 94.1#

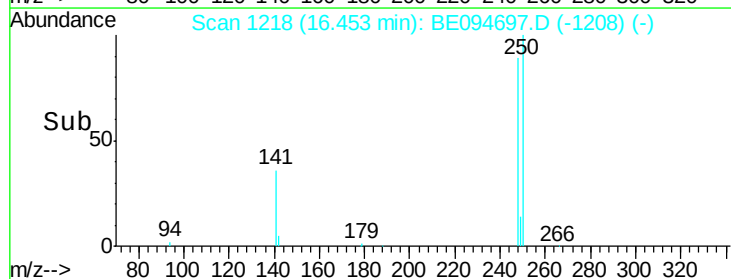
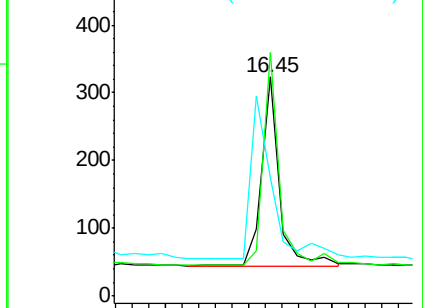
141 54.2 48.2 72.2

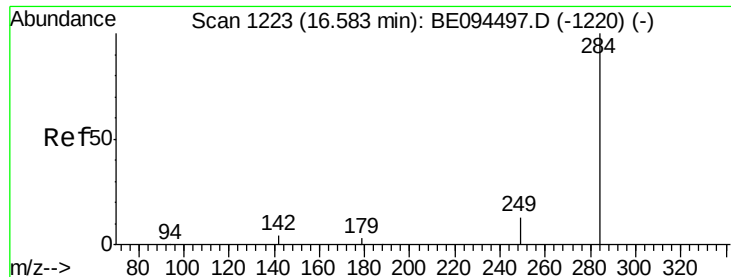


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.302 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

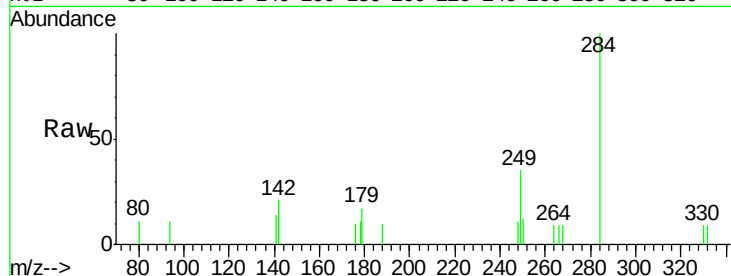
Tgt Ion:284 Resp: 1107

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

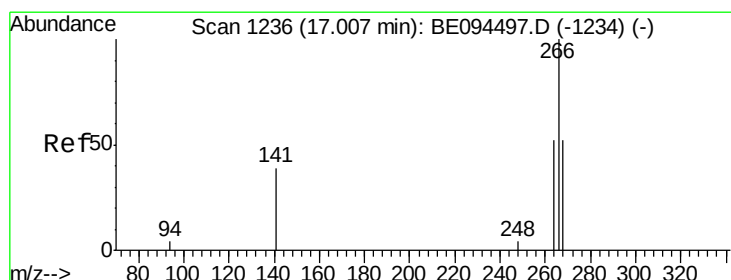
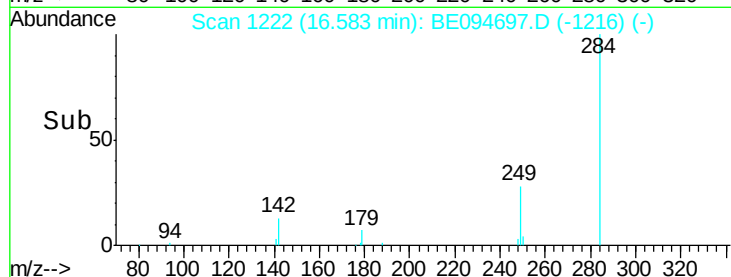
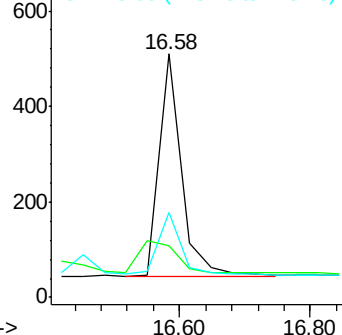
249 28.1 34.8 52.2#



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: 0.197 ng

RT: 17.07 min Scan# 1237

Delta R.T. 0.07 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

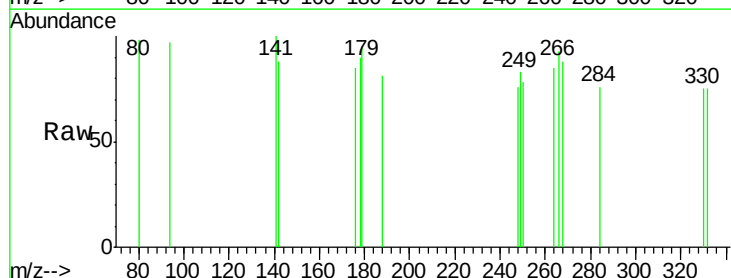
Tgt Ion:266 Resp: 92

Ion Ratio Lower Upper

266 100

264 90.9 72.5 108.7

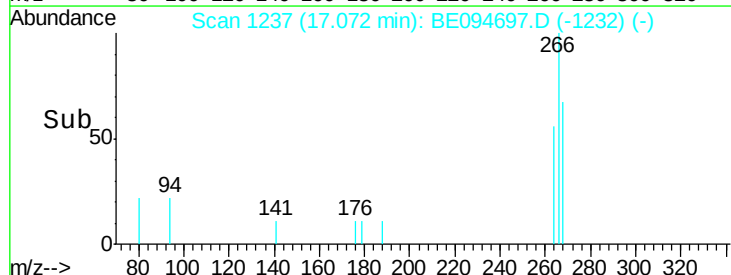
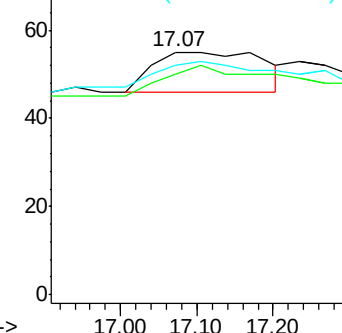
268 94.5 73.8 110.6

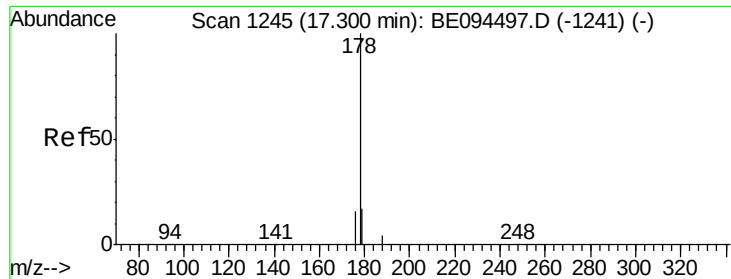


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

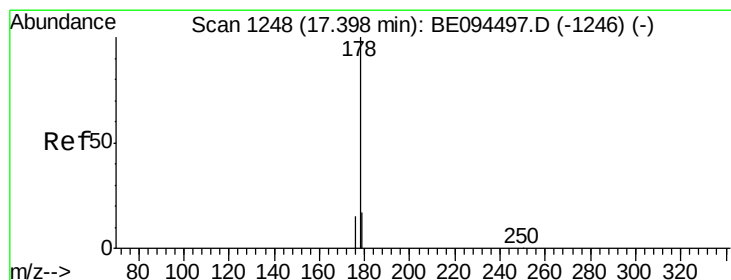
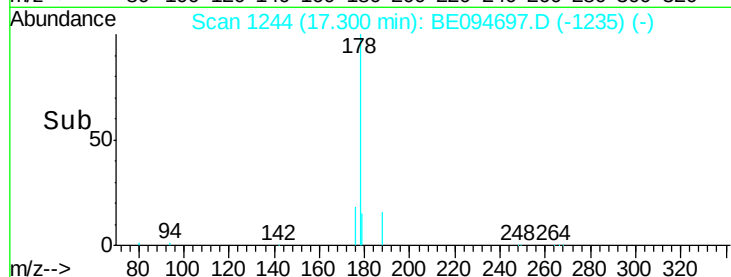
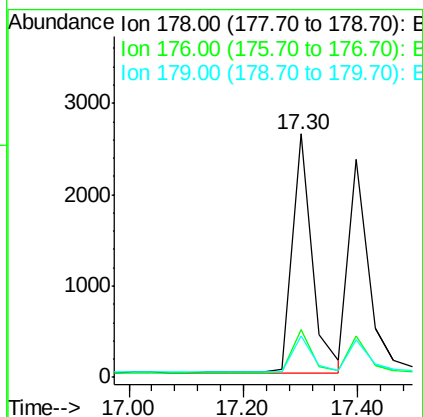
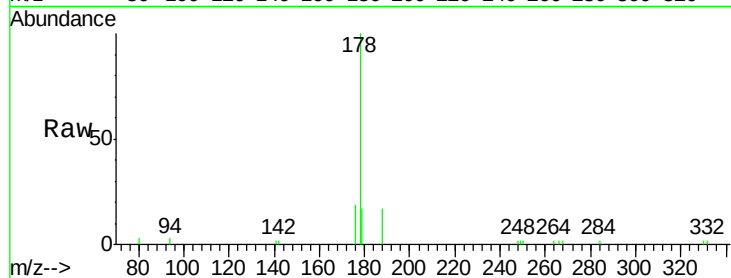




#23
Phenanthrene
Concen: 0.290 ng
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094697.D
Acq: 2 Nov 2017 16:15

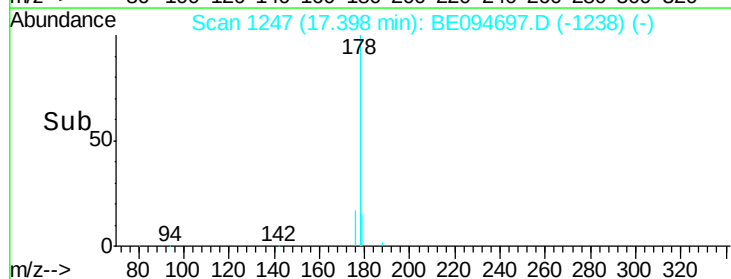
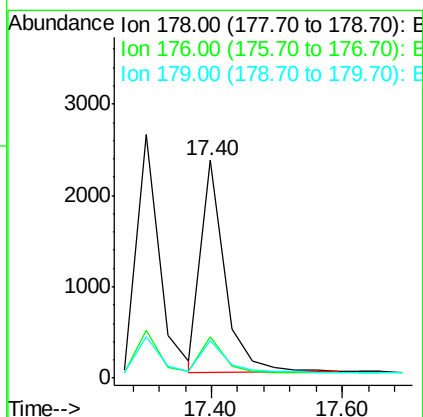
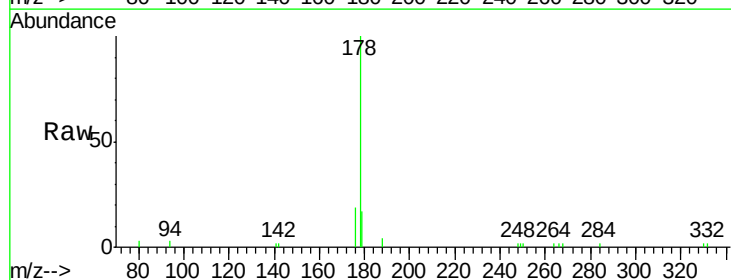
Instrument :
BNA_E
ClientSampleId :
PB103598BS

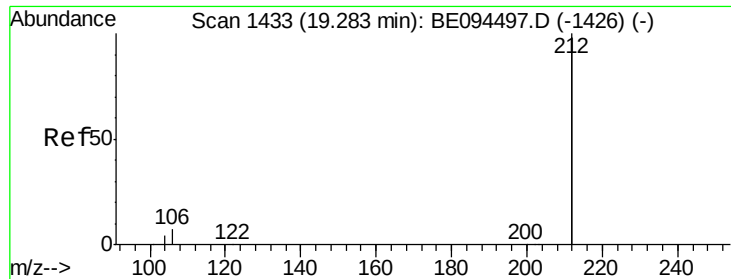
Tgt Ion:178 Resp: 6258
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.2 11.8 17.6



#24
Anthracene
Concen: 0.260 ng
RT: 17.40 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE094697.D
Acq: 2 Nov 2017 16:15

Tgt Ion:178 Resp: 5855
Ion Ratio Lower Upper
178 100
176 17.2 12.8 19.2
179 16.3 13.0 19.6

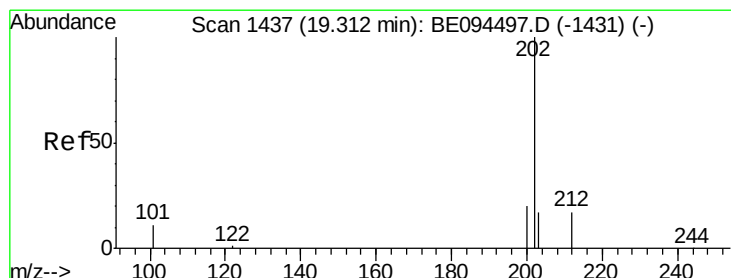
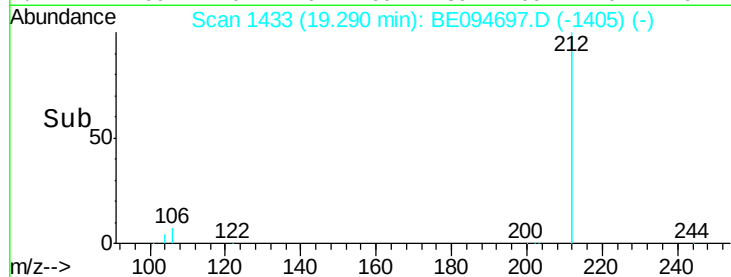
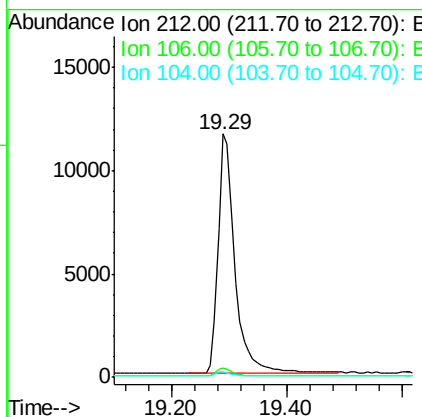
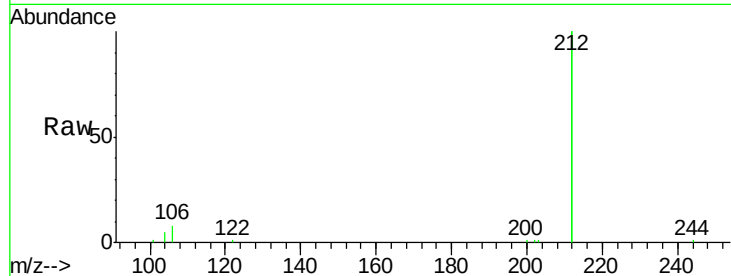




#25
 Fluoranthene-d10
 Concen: 0.216 ng
 RT: 19.29 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BE094697.D
 Acq: 2 Nov 2017 16:15

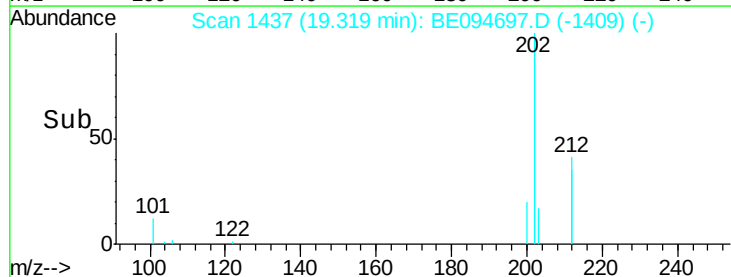
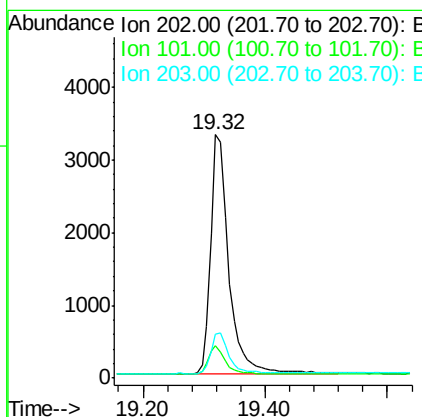
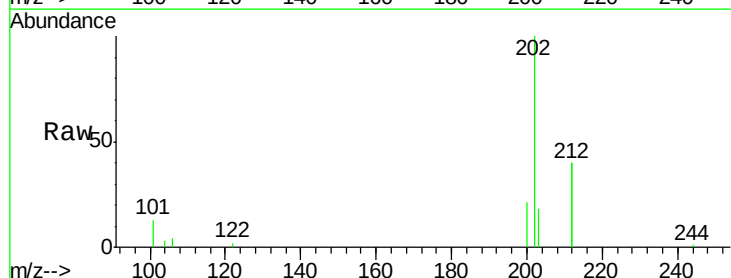
Instrument :
 BNA_E
 ClientSampleId :
 PB103598BS

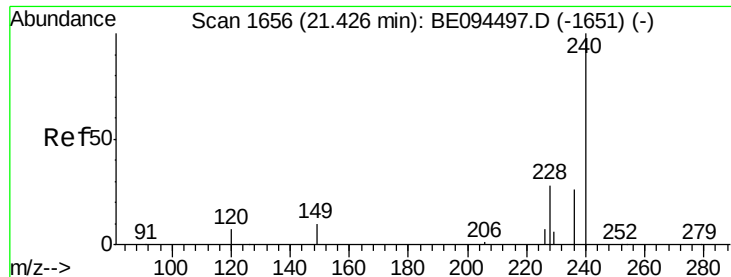
Tgt Ion: 212 Resp: 23616
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.198 ng
 RT: 19.32 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BE094697.D
 Acq: 2 Nov 2017 16:15

Tgt Ion: 202 Resp: 6723
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.8 14.8
 203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

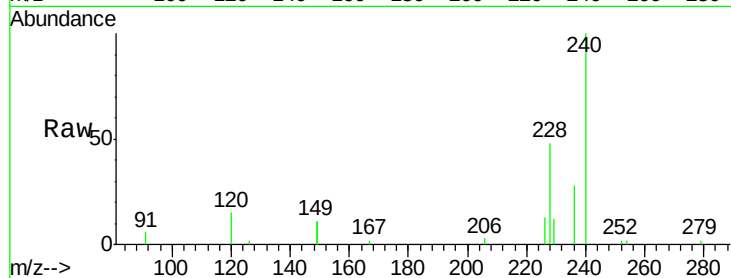
Tgt Ion:240 Resp: 8274

Ion Ratio Lower Upper

240 100

120 14.9 5.5 8.3#

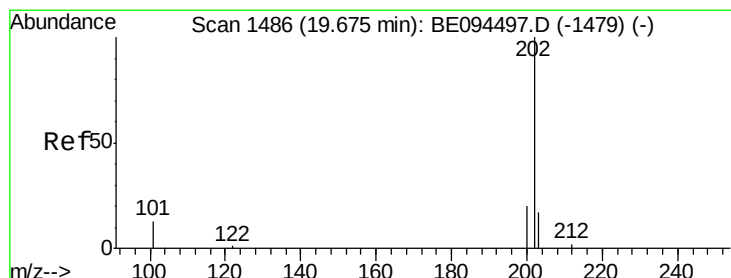
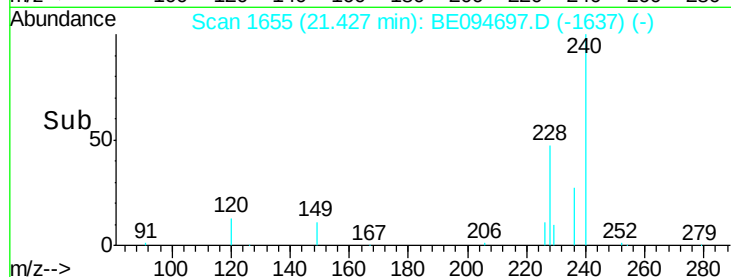
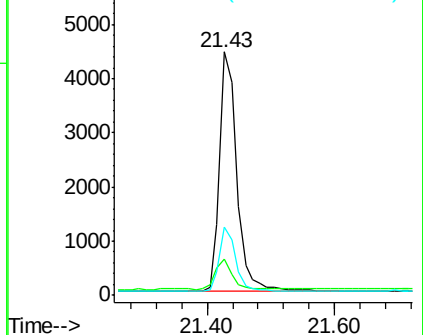
236 28.0 20.7 31.1



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



#28

Pyrene

Concen: 0.237 ng

RT: 19.68 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

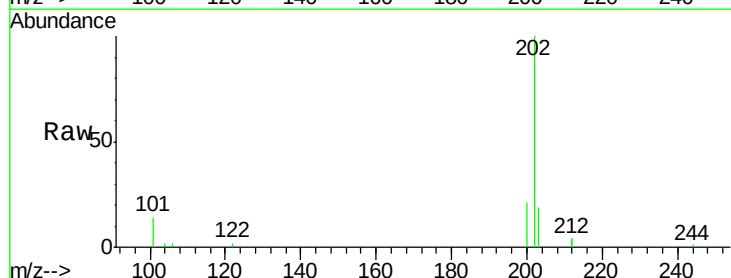
Tgt Ion:202 Resp: 6862

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

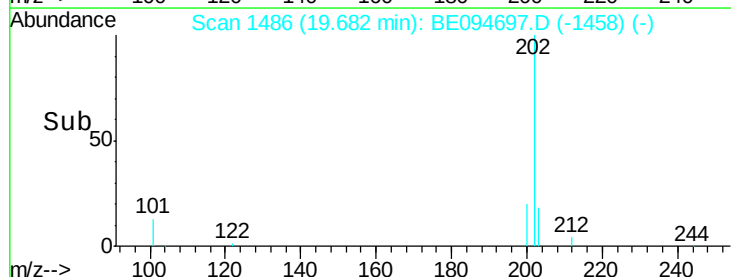
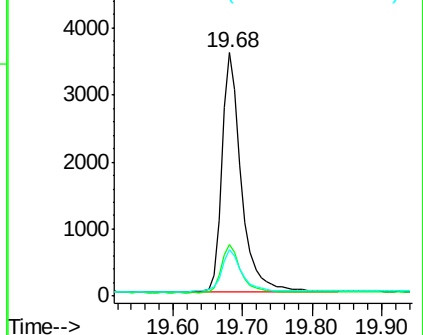
203 18.2 13.8 20.8

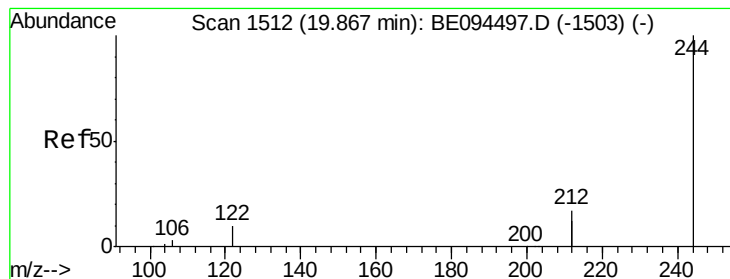


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.237 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

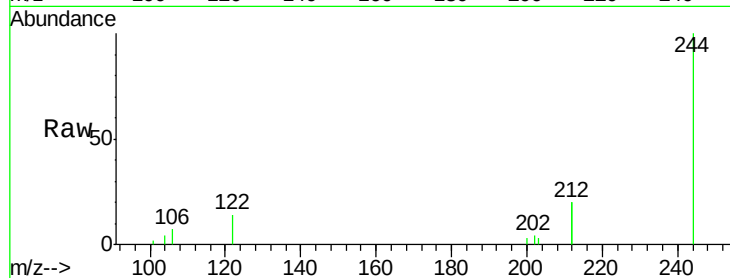
Tgt Ion:244 Resp: 3700

Ion Ratio Lower Upper

244 100

212 40.2 25.4 38.0#

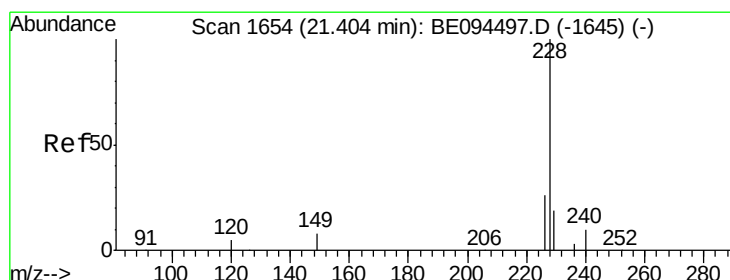
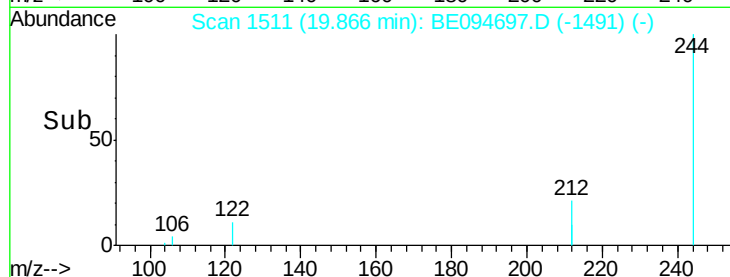
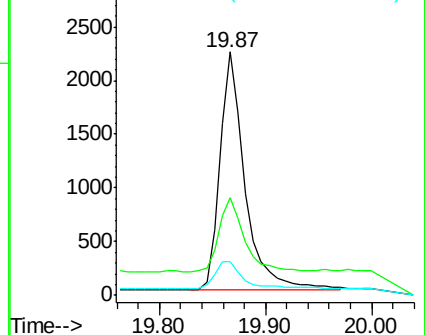
122 13.8 8.1 12.1#



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: 0.254 ng

RT: 21.42 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

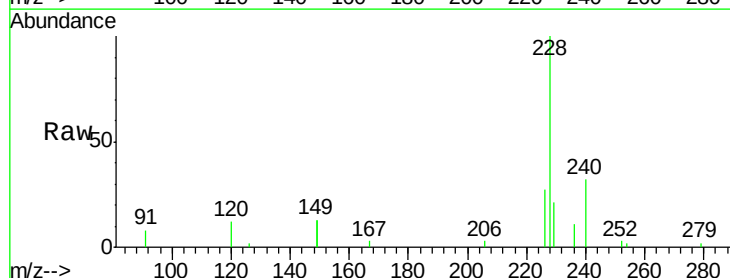
Tgt Ion:228 Resp: 6849

Ion Ratio Lower Upper

228 100

226 27.2 40.0 60.0#

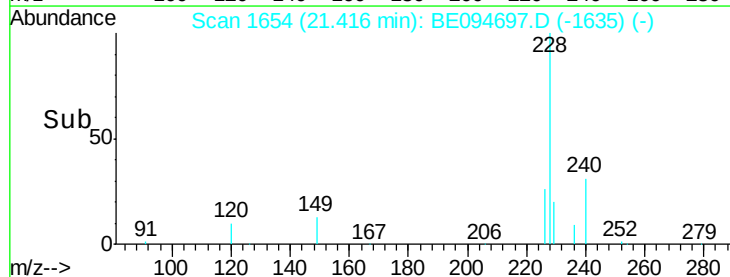
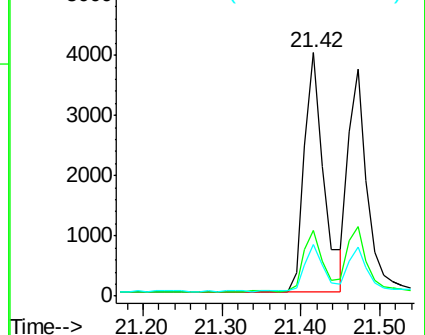
229 21.3 40.0 60.0#

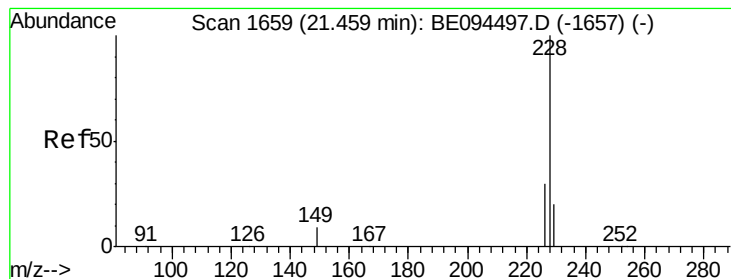


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.231 ng

RT: 21.47 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

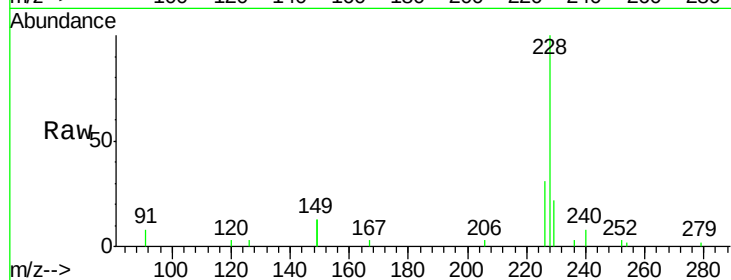
Tgt Ion:228 Resp: 6310

Ion Ratio Lower Upper

228 100

226 30.7 40.0 60.0#

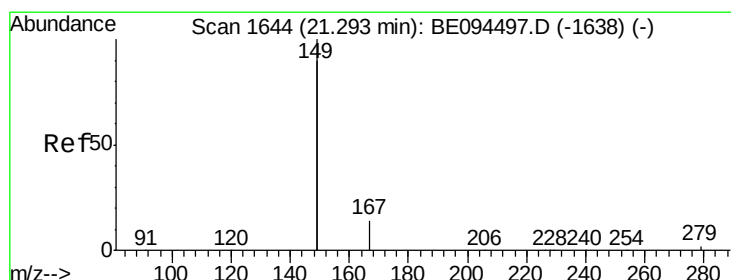
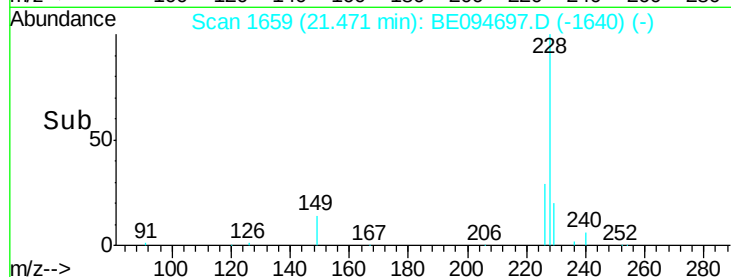
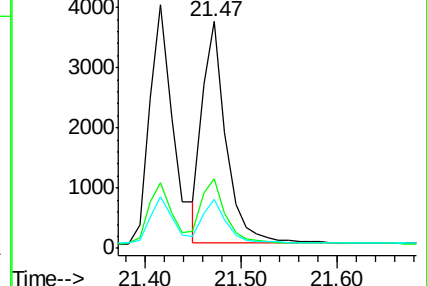
229 21.8 40.0 60.0#



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: 0.247 ng

RT: 21.28 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

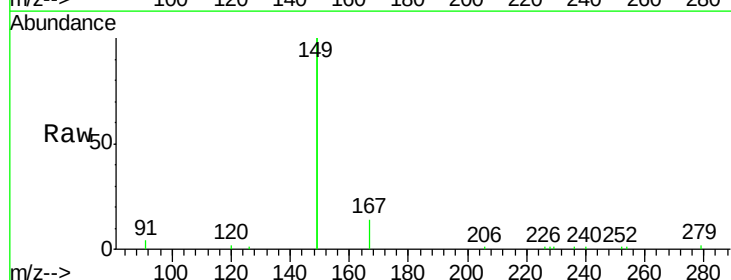
Tgt Ion:149 Resp: 16302

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

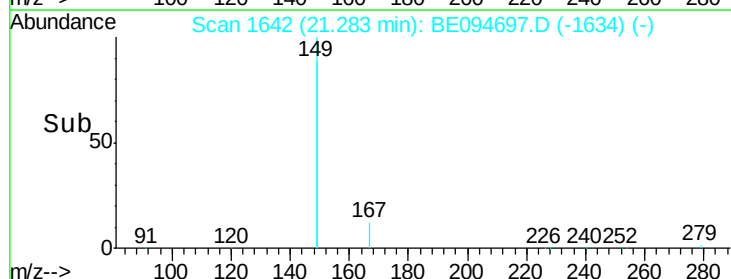
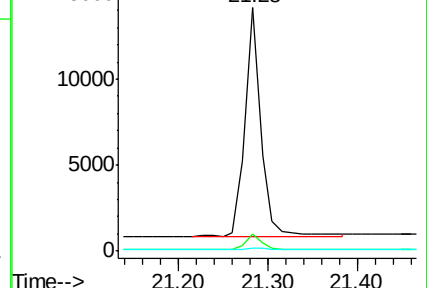
279 1.0 0.7 1.1

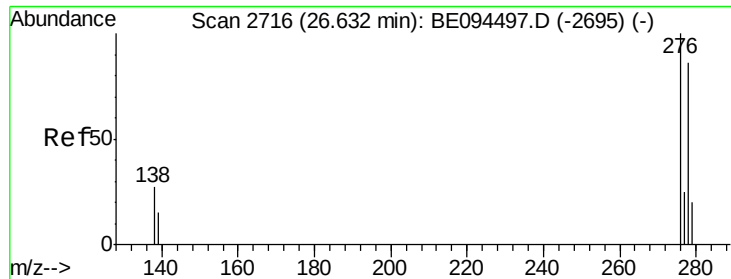


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.196 ng

RT: 26.68 min Scan# 2726

Delta R.T. 0.05 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

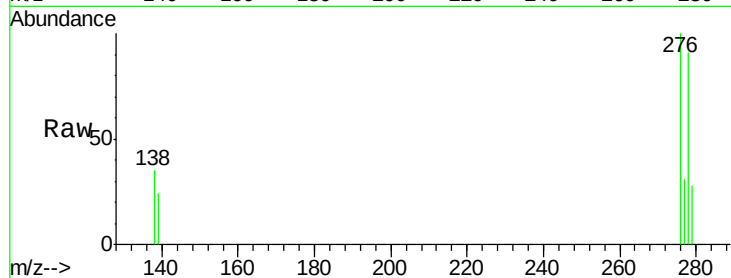
Tgt Ion:276 Resp: 4949

Ion Ratio Lower Upper

276 100

138 25.6 22.5 33.7

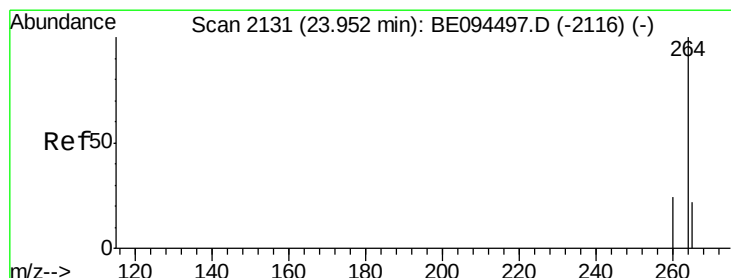
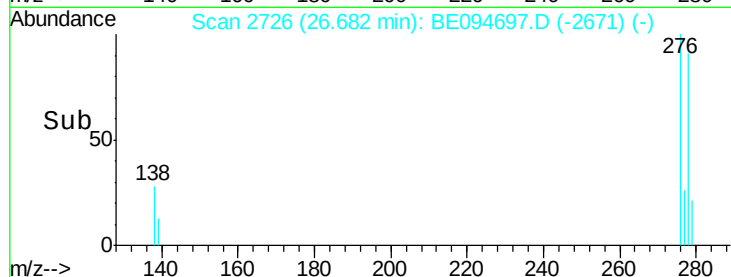
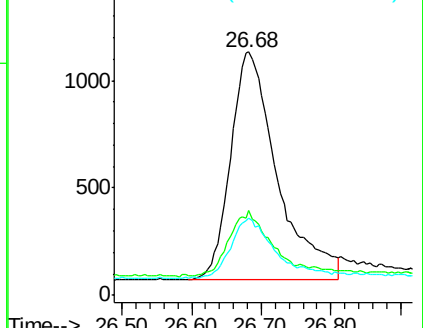
277 25.1 19.9 29.9



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: 23.97 min Scan# 2134

Delta R.T. 0.02 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

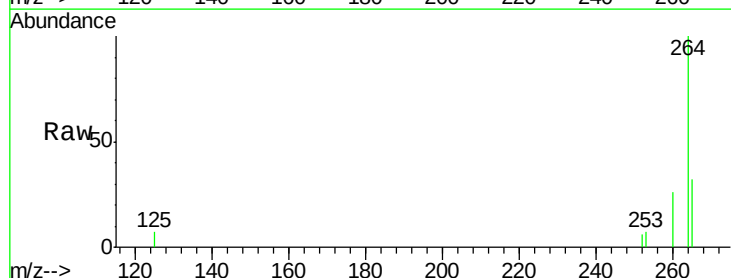
Tgt Ion:264 Resp: 7538

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

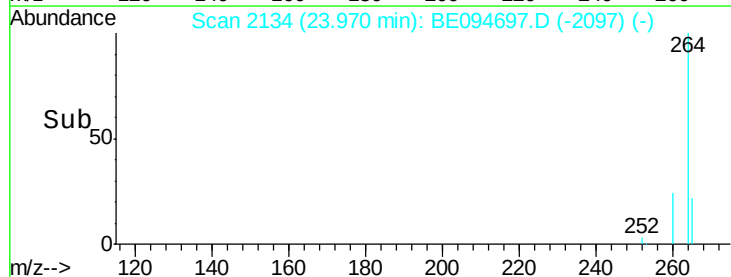
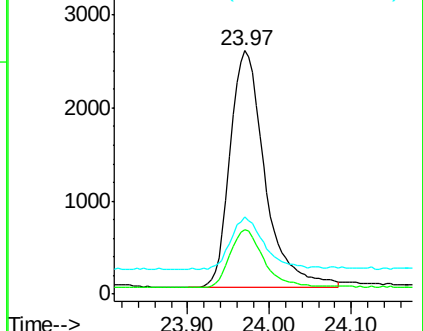
265 31.6 22.8 34.2

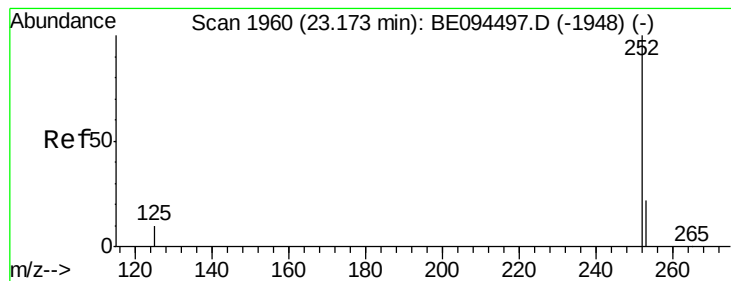


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.228 ng

RT: 23.19 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

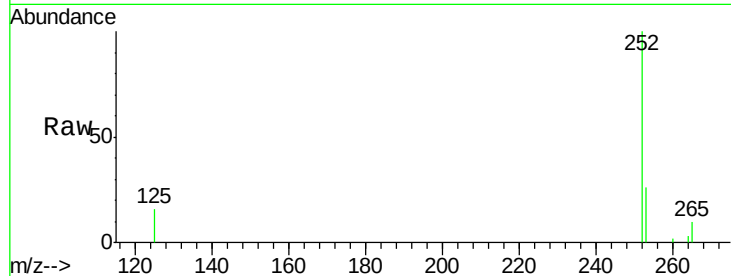
Tgt Ion:252 Resp: 5561

Ion Ratio Lower Upper

252 100

253 26.3 48.0 72.0#

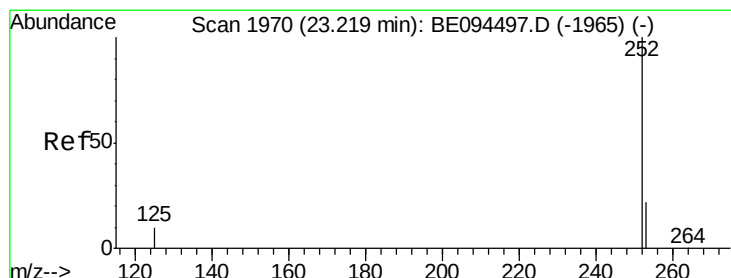
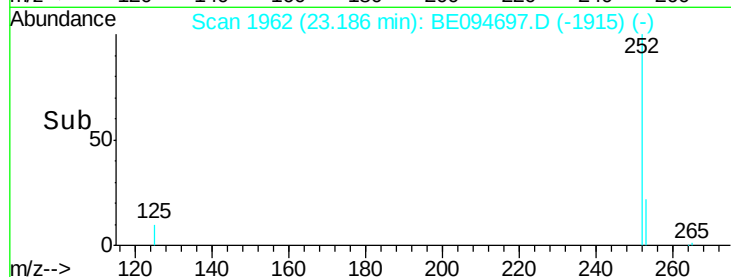
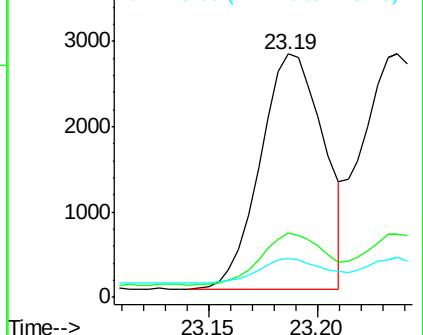
125 15.8 56.0 84.0#



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: 0.256 ng

RT: 23.24 min Scan# 1973

Delta R.T. 0.02 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

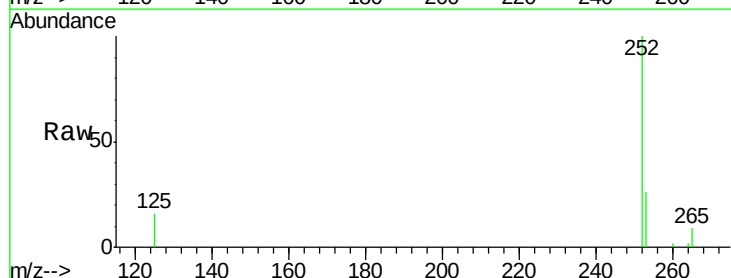
Tgt Ion:252 Resp: 6651

Ion Ratio Lower Upper

252 100

253 25.7 48.0 72.0#

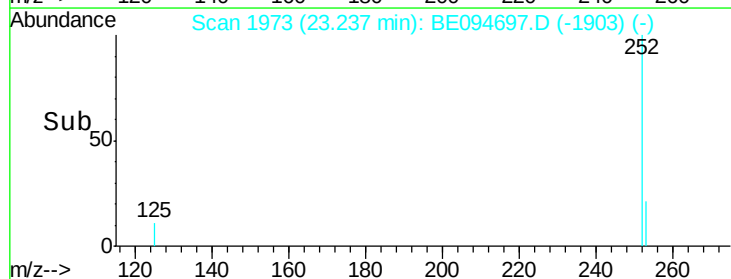
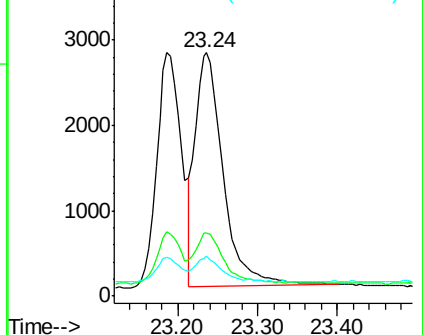
125 16.3 56.0 84.0#

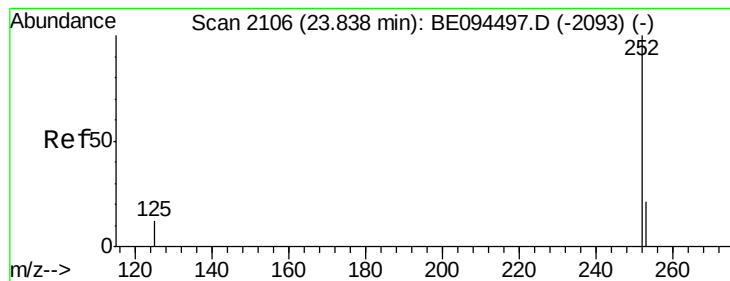


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.256 ng

RT: 23.86 min Scan# 2110

Delta R.T. 0.02 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS

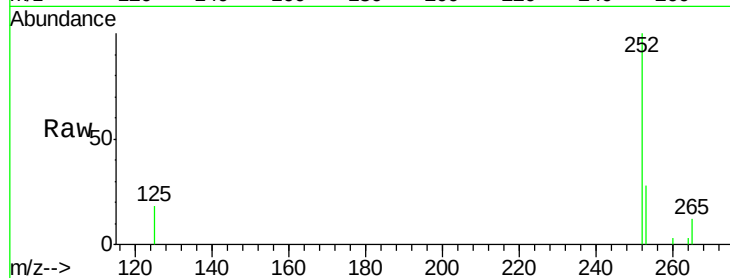
Tgt Ion: 252 Resp: 6066

Ion Ratio Lower Upper

252 100

253 27.6 52.0 78.0#

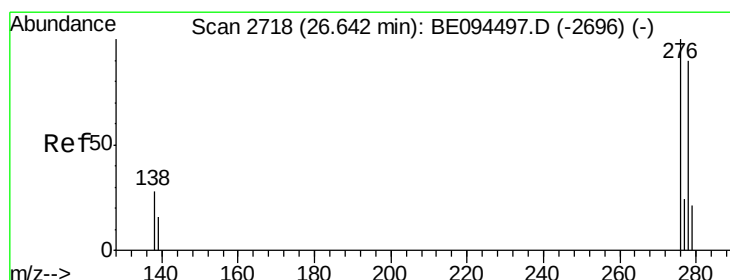
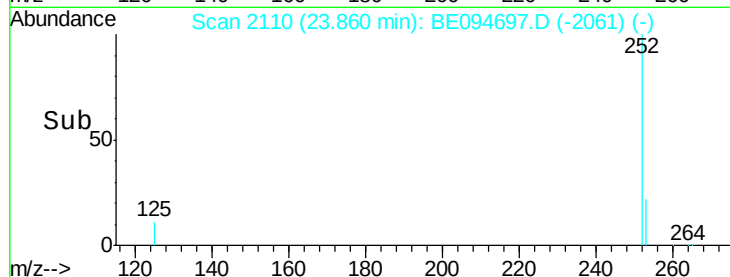
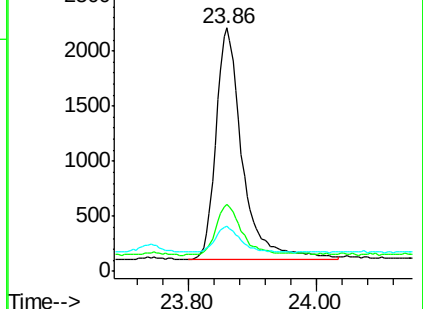
125 18.5 68.0 102.0#



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: 0.209 ng

RT: 26.68 min Scan# 2726

Delta R.T. 0.04 min

Lab File: BE094697.D

Acq: 2 Nov 2017 16:15

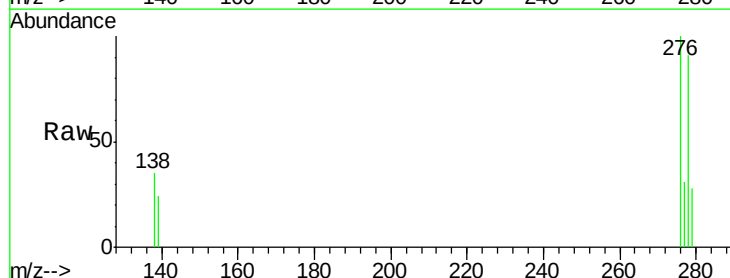
Tgt Ion: 278 Resp: 4439

Ion Ratio Lower Upper

278 100

139 25.7 56.0 84.0#

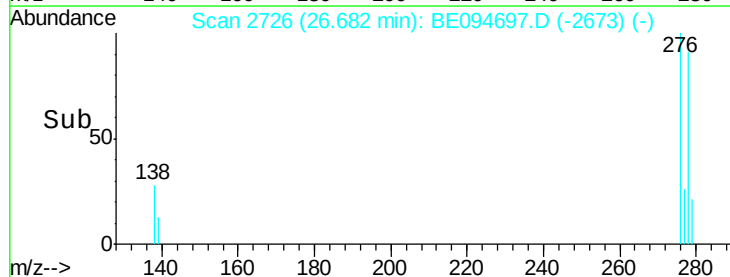
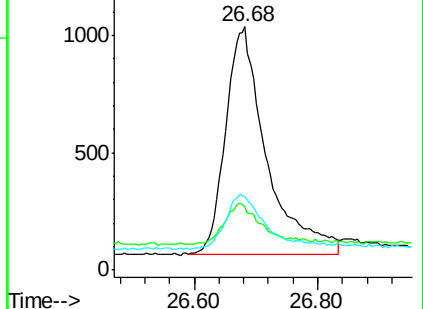
279 30.1 52.0 78.0#

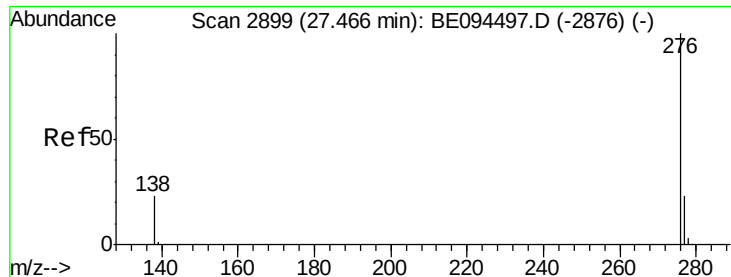


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.191 ng

RT: 27.52 min Scan# 2909

Delta R.T. 0.05 min

Lab File: BE094697.D

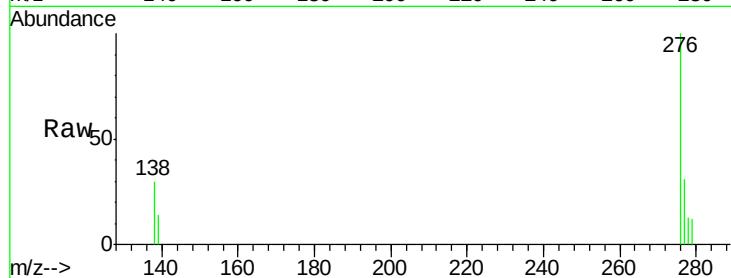
Acq: 2 Nov 2017 16:15

Instrument :

BNA_E

ClientSampleId :

PB103598BS



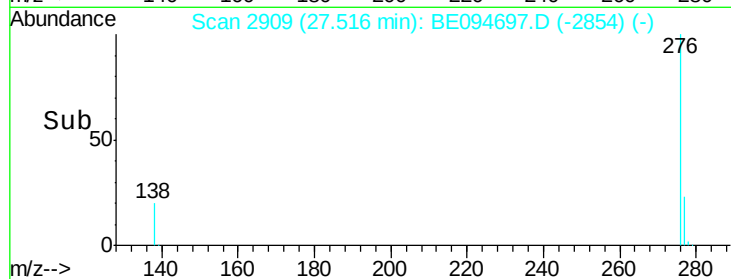
Tgt Ion: 276 Resp: 3792

Ion Ratio Lower Upper

276 100

277 30.7 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

