

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094645.D
 Acq On : 30 Oct 2017 16:30
 Operator : SJ/JU
 Sample : PB103598BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 31 01:14:54 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	7.90	152	917	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	5409	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3281	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	6954	0.40	ng	0.03
27) Chrysene-d12	21.44	240	7976	0.40	ng	0.01
34) Perylene-d12	23.98	264	7450	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.55	112	750	0.24	ng	0.02
5) Phenol-d6	7.17	99	1147	0.24	ng	0.04
8) Nitrobenzene-d5	9.09	82	998	0.23	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	2583	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	221	0.24	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	2943	0.25	ng	0.02
25) Fluoranthene-d10	19.30	212	23201	0.24	ng	0.01
29) Terphenyl-d14	19.87	244	3610	0.24	ng	0.00

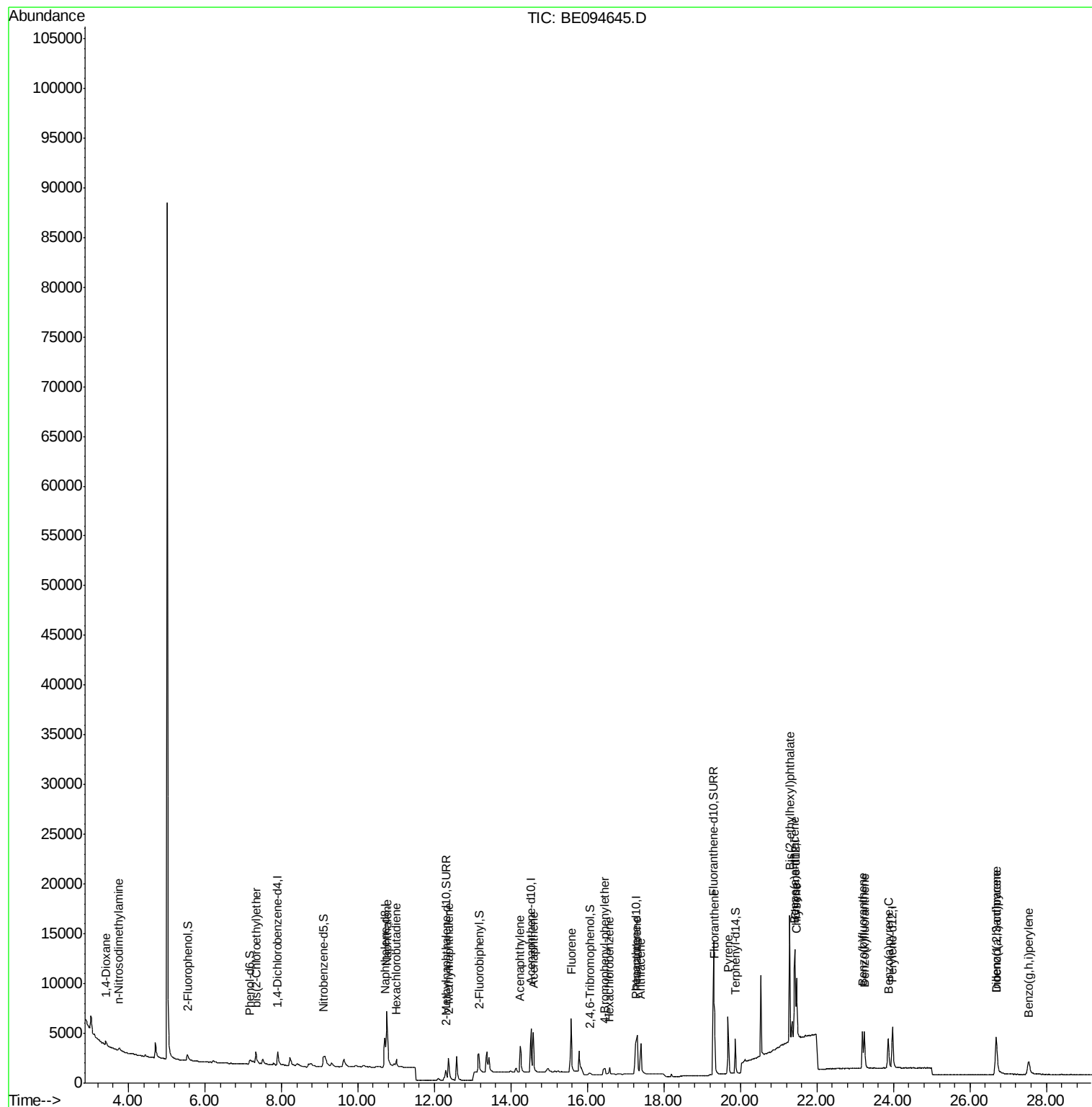
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	323	0.21	ng	# 1
3) n-Nitrosodimethylamine	3.75	42	344	0.23	ng	# 80
6) bis(2-Chloroethyl)ether	7.34	93	759	0.21	ng	81
9) Naphthalene	10.76	128	13919	0.23	ng	98
10) Hexachlorobutadiene	11.01	225	546	0.25	ng	100
12) 2-Methylnaphthalene	12.37	142	2523	0.24	ng	97
16) Acenaphthylene	14.24	152	3980	0.23	ng	99
17) Acenaphthene	14.58	154	2573	0.23	ng	97
18) Fluorene	15.58	166	3424	0.24	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	757	0.20	ng	# 68
21) Hexachlorobenzene	16.58	284	1148	0.35	ng	# 61
23) Phenanthrene	17.30	178	6333	0.33	ng	97
24) Anthracene	17.40	178	5212	0.26	ng	99
26) Fluoranthene	19.33	202	6600	0.22	ng	99
28) Pyrene	19.68	202	6827	0.24	ng	98
30) Benzo(a)anthracene	21.42	228	6647	0.26	ng	# 64
31) Chrysene	21.47	228	6327	0.24	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.29	149	17094	0.27	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.69	276	5631	0.23	ng	99
35) Benzo(b)fluoranthene	23.19	252	6019	0.25	ng	# 50
36) Benzo(k)fluoranthene	23.24	252	6255	0.24	ng	# 50
37) Benzo(a)pyrene	23.87	252	5866	0.25	ng	# 43
38) Dibenzo(a,h)anthracene	26.69	278	4986	0.24	ng	# 55
39) Benzo(g,h,i)perylene	27.53	276	4253	0.22	ng	# 64

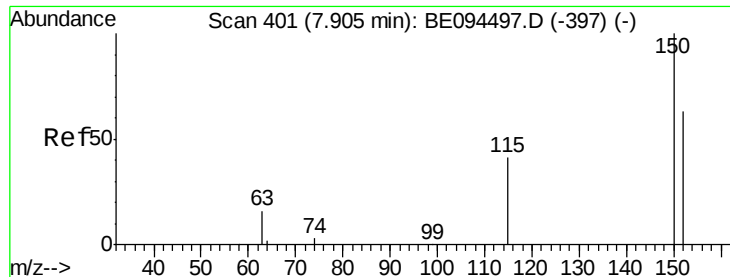
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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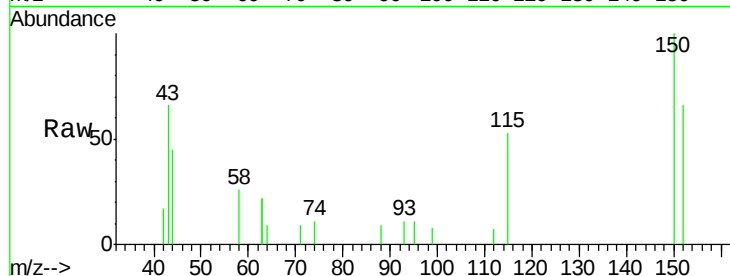


#1

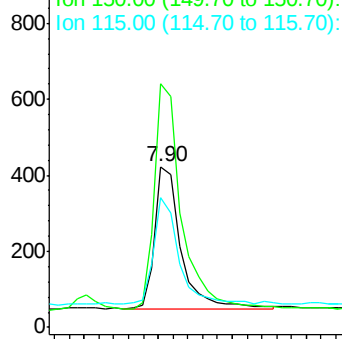
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Instrument :
BNA_E
ClientSampleId :

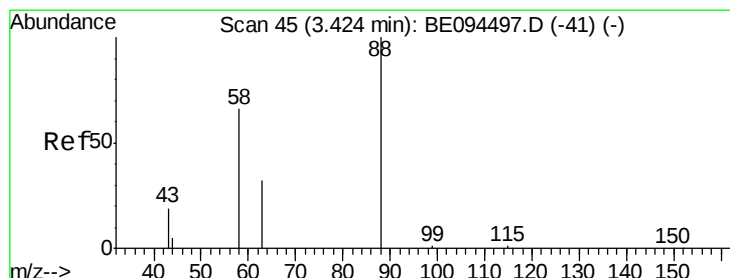
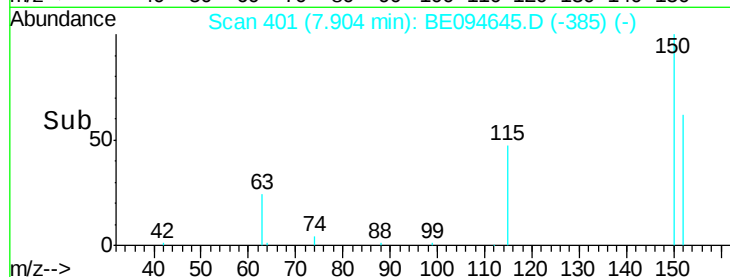
Tot Ion:152 Resp: 917
Ion Ratio Lower Upper
152 100
150 151.5 117.2 175.8
115 80.4 57.0 85.6



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



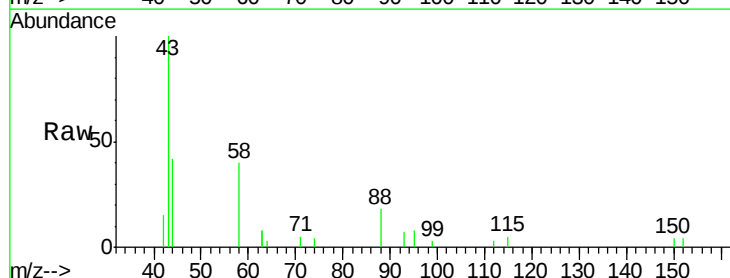
Time-->



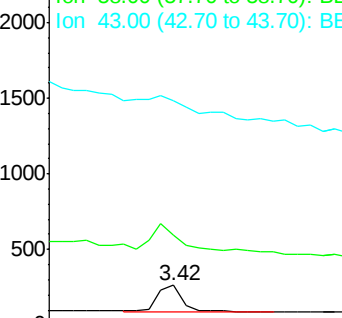
#2

1,4-Dioxane
Concen: 0.21 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

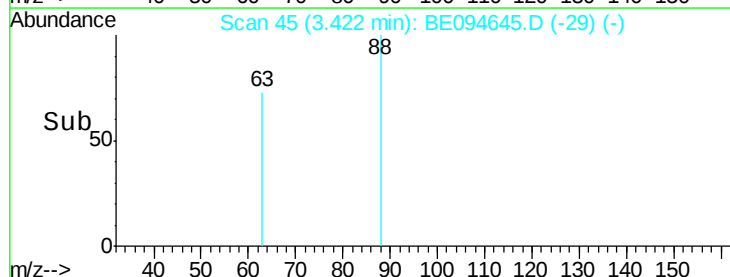
Tgt Ion: 88 Resp: 323
Ion Ratio Lower Upper
88 100
58 192.0 63.2 94.8#
43 0.0 41.2 61.8#

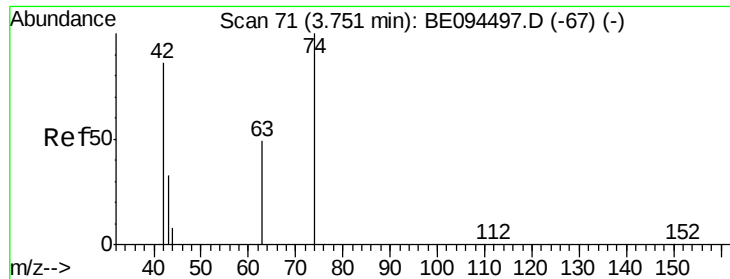


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.23 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

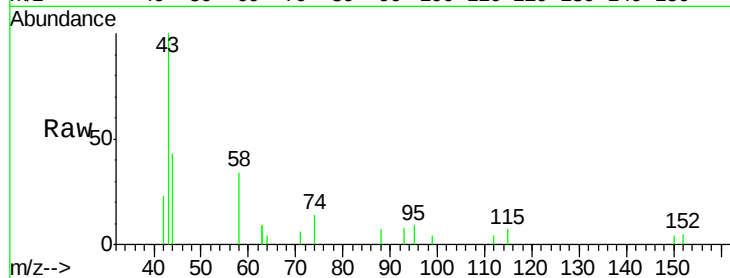
Tot Ion: 42 Resp: 344

Ion Ratio Lower Upper

42 100

74 143.6 100.3 150.5

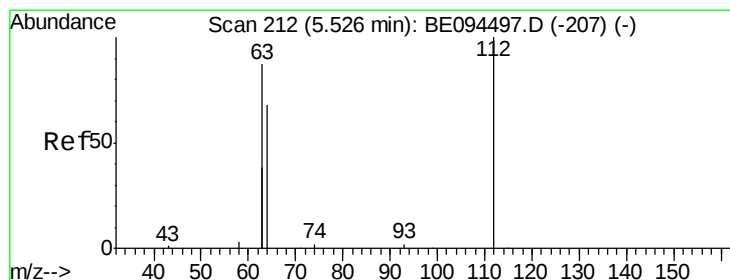
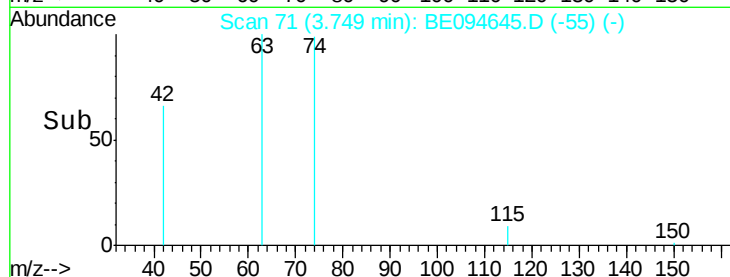
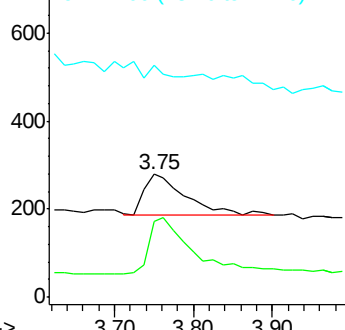
44 0.0 17.0 25.4#



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: 0.24 ng

RT: 5.55 min Scan# 214

Delta R.T. 0.02 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

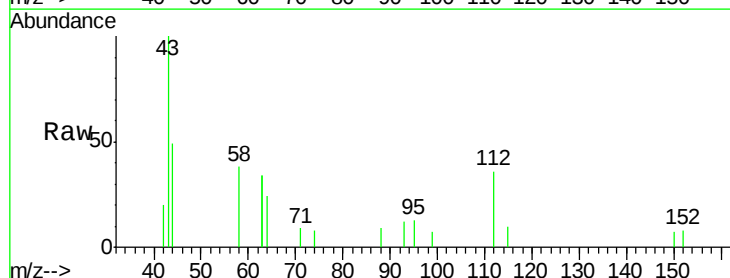
Tgt Ion: 112 Resp: 750

Ion Ratio Lower Upper

112 100

64 67.9 60.1 90.1

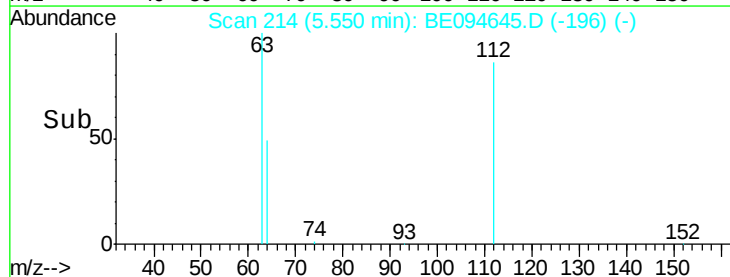
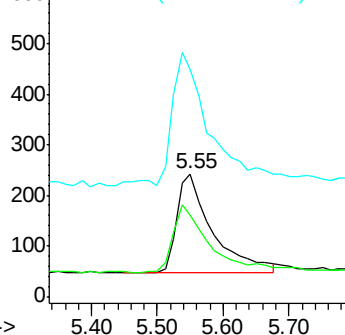
63 125.3 116.8 175.2

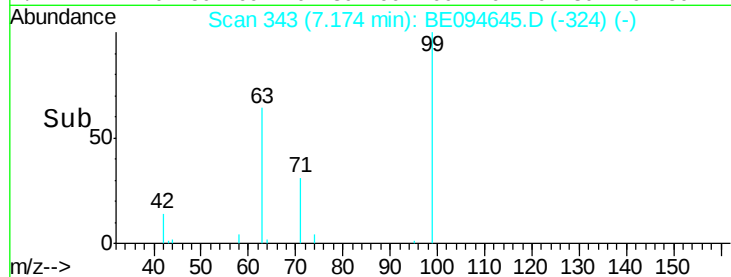
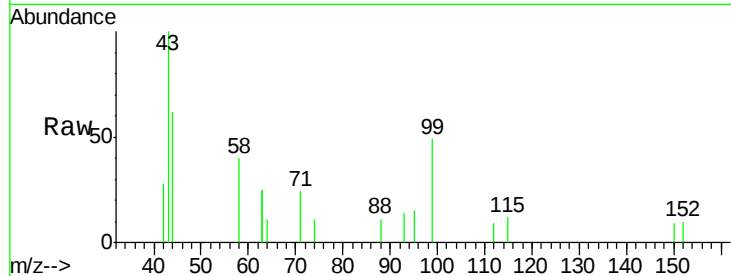
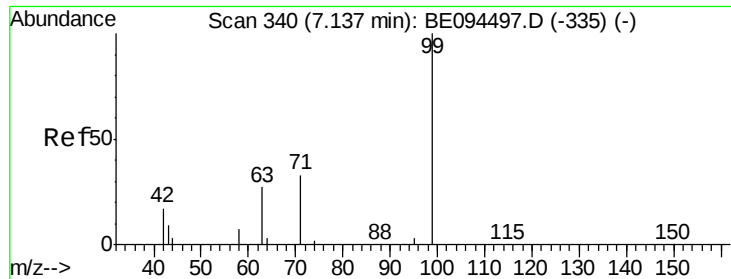


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.24 ng

RT: 7.17 min Scan# 343

Delta R.T. 0.04 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampled :

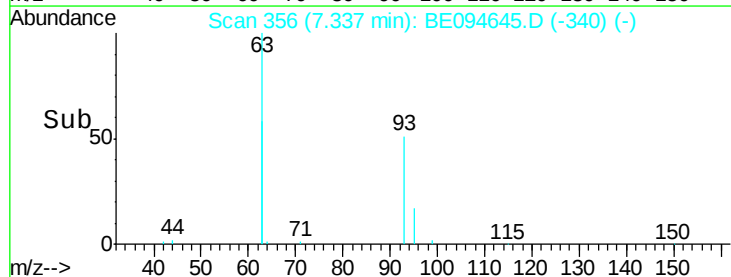
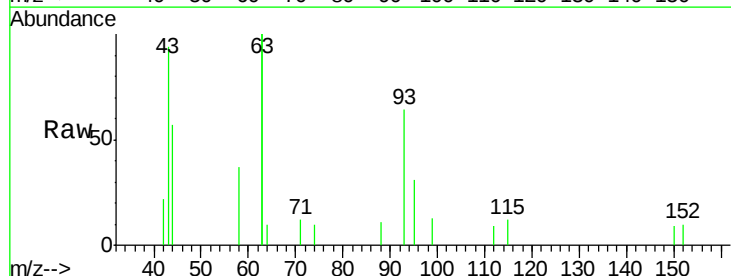
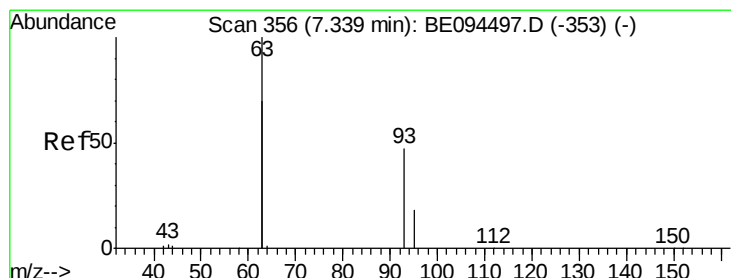
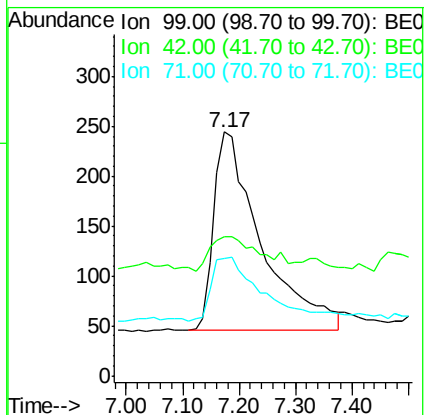
Tot Ion: 99 Resp: 1147

Ion Ratio Lower Upper

99 100

42 18.9 20.2 30.2#

71 37.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.21 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

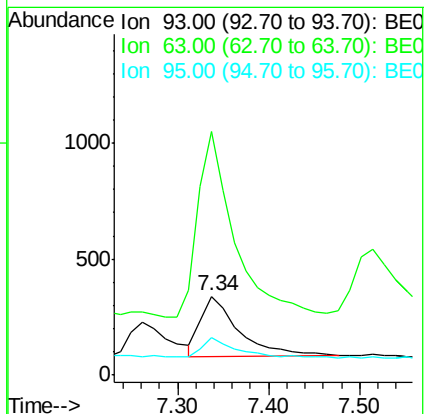
Tgt Ion: 93 Resp: 759

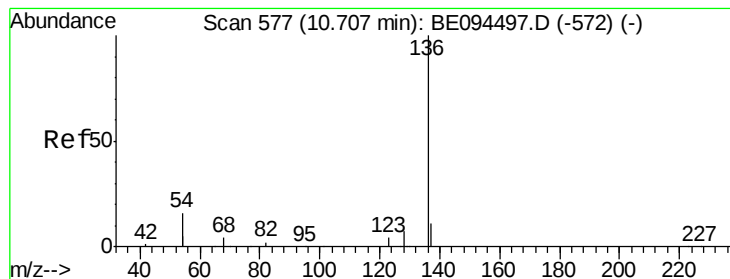
Ion Ratio Lower Upper

93 100

63 300.5 275.3 412.9

95 30.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5409

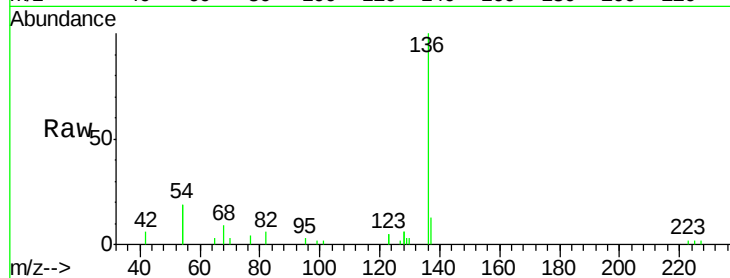
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 39.0 29.1 43.7

68 8.5 6.2 9.2

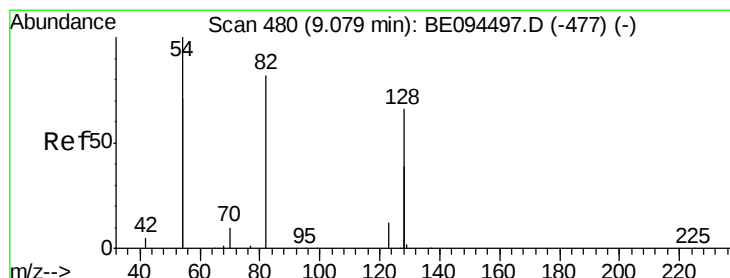
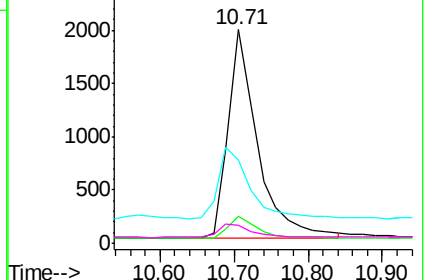
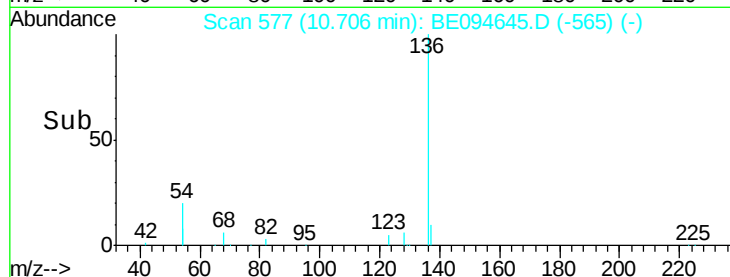


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.23 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

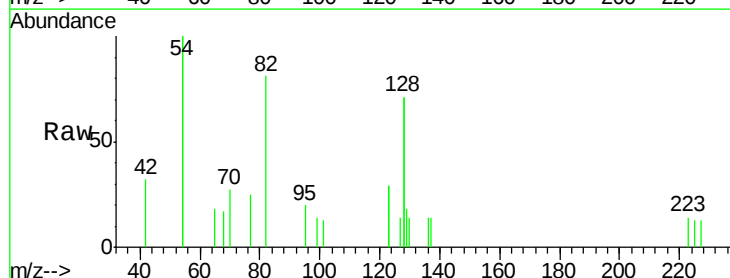
Tgt Ion: 82 Resp: 998

Ion Ratio Lower Upper

82 100

128 175.9 150.0 225.0

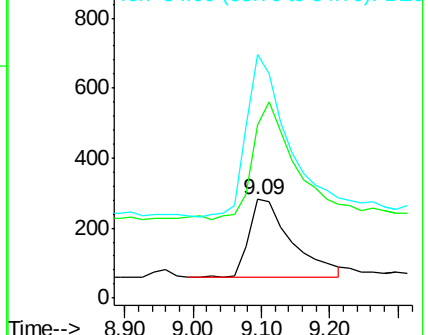
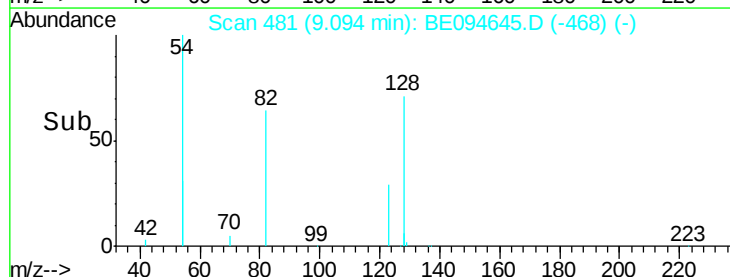
54 246.8 154.2 231.4#

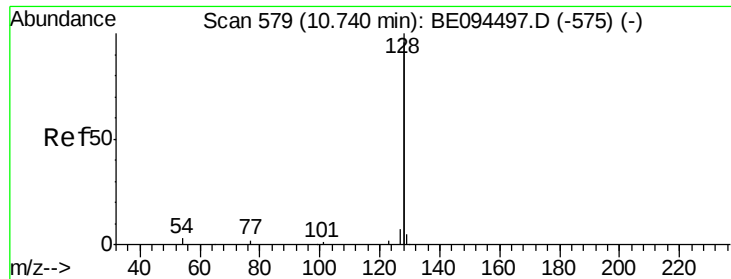


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.23 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

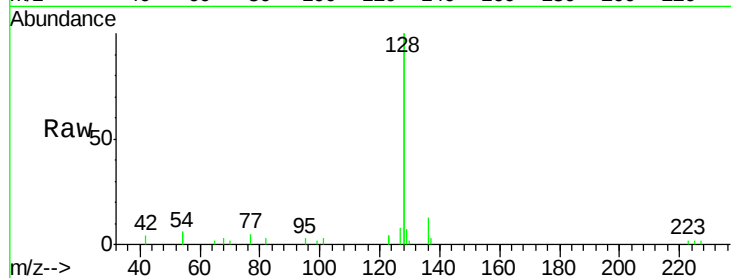
Tot Ion:128 Resp: 13919

Ion Ratio Lower Upper

128 100

129 3.7 2.6 3.8

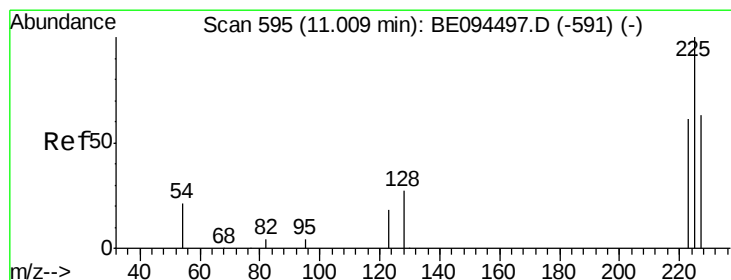
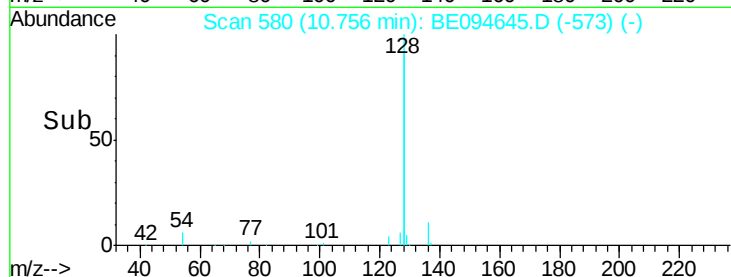
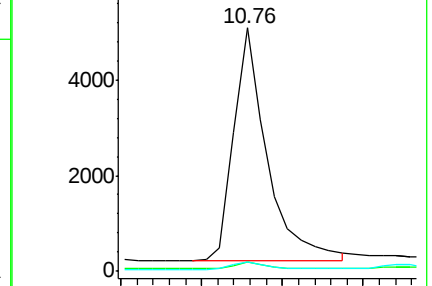
127 4.0 2.8 4.2



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: 0.25 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

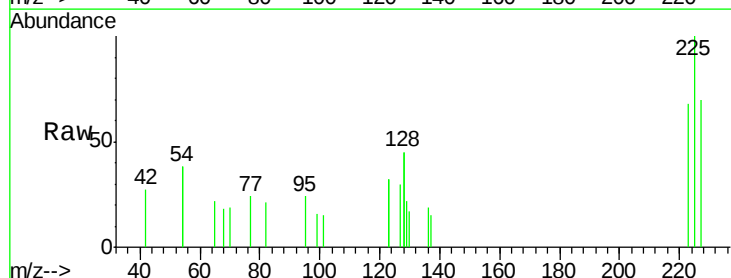
Tgt Ion:225 Resp: 546

Ion Ratio Lower Upper

225 100

223 66.1 53.0 79.6

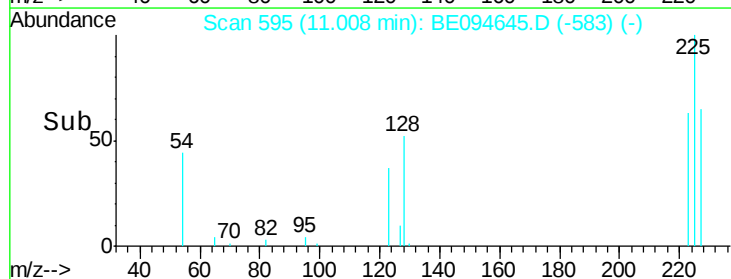
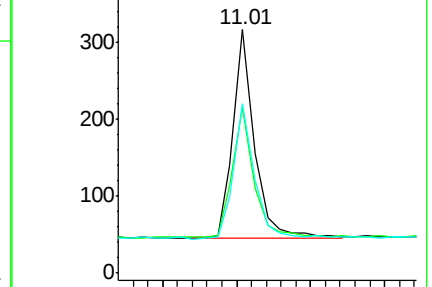
227 64.5 51.4 77.2

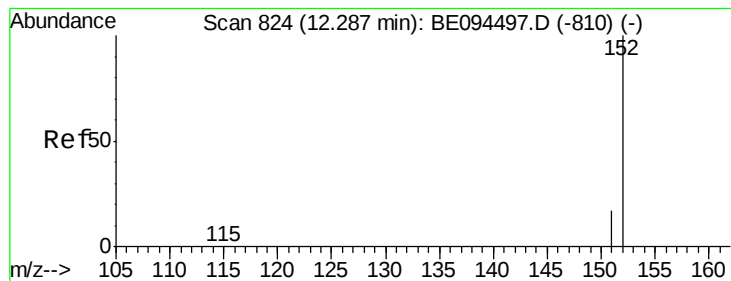


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.30 ng

RT: 12.30 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

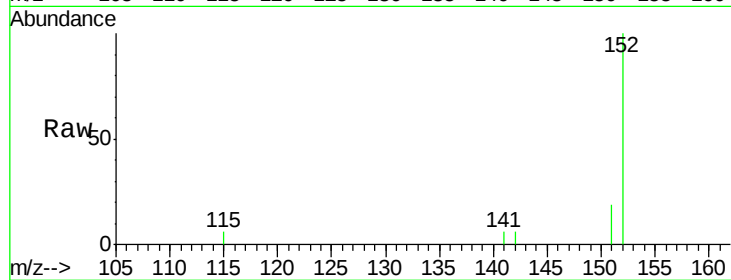
ClientSampleId :

Tot Ion:152 Resp: 2583

Ion Ratio Lower Upper

152 100

151 15.8 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

1000

800

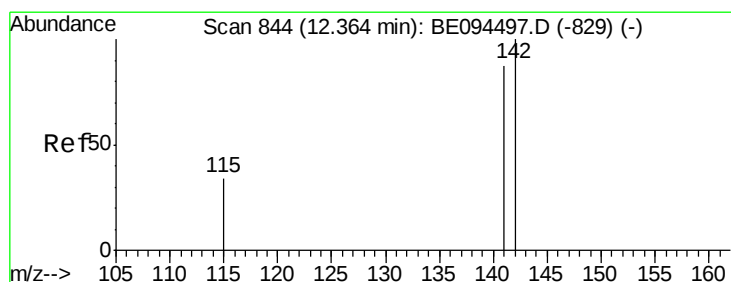
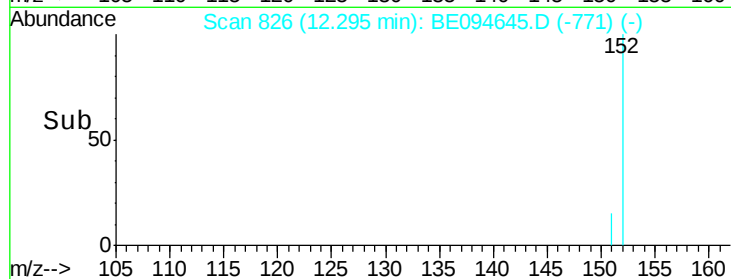
600

400

200

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.24 ng

RT: 12.37 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

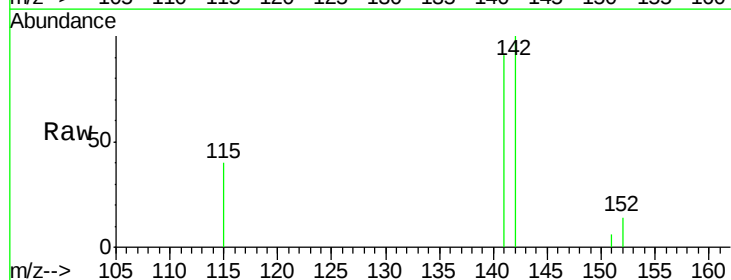
Tgt Ion:142 Resp: 2523

Ion Ratio Lower Upper

142 100

141 91.5 70.4 105.6

115 40.2 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

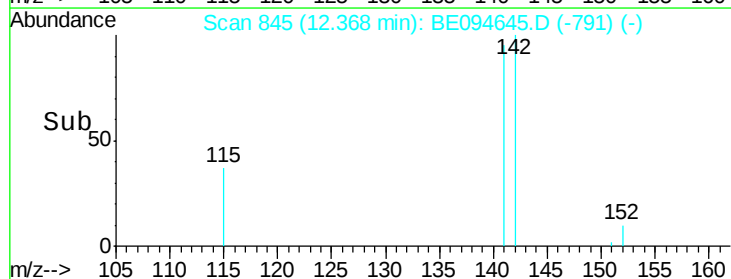
12.37

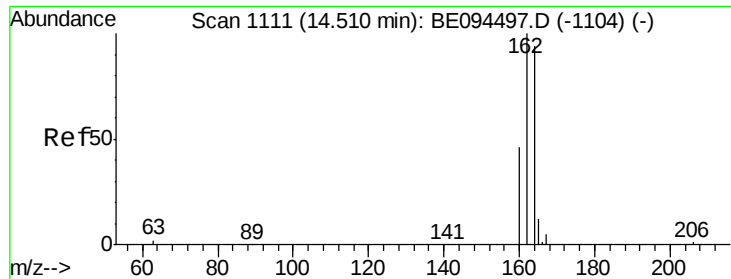
1000

500

0

Time--> 12.30 12.40 12.50





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

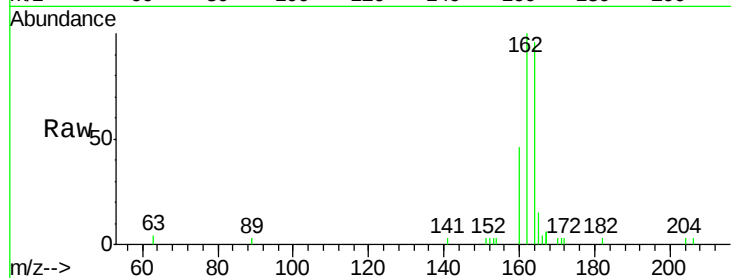
Tot Ion:164 Resp: 3281

Ion Ratio Lower Upper

164 100

162 104.2 83.1 124.7

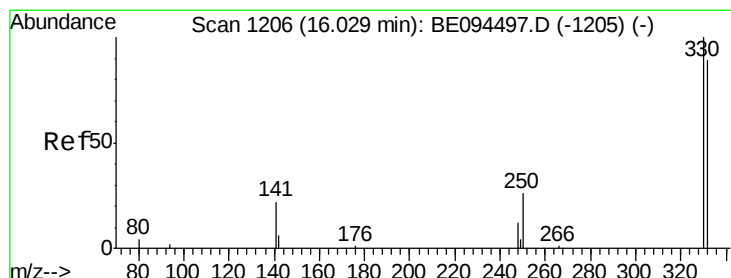
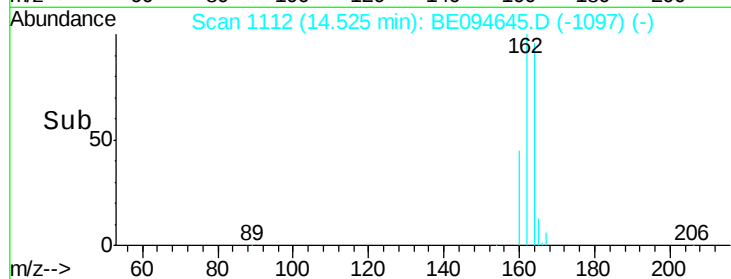
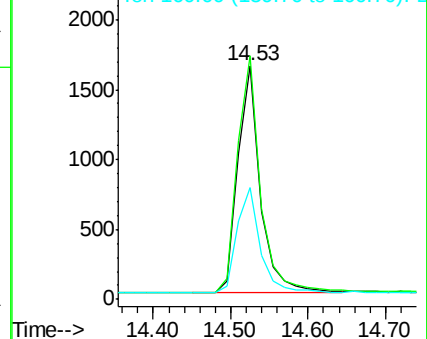
160 48.1 37.1 55.7



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: 0.24 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

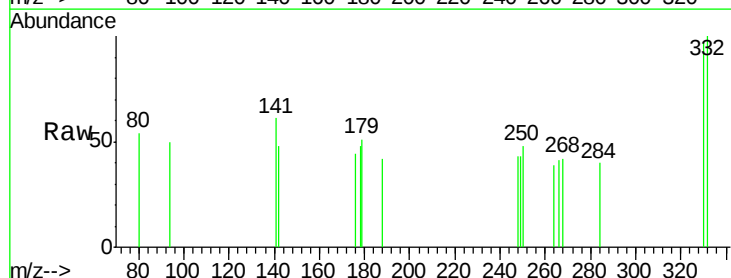
Tgt Ion:330 Resp: 221

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

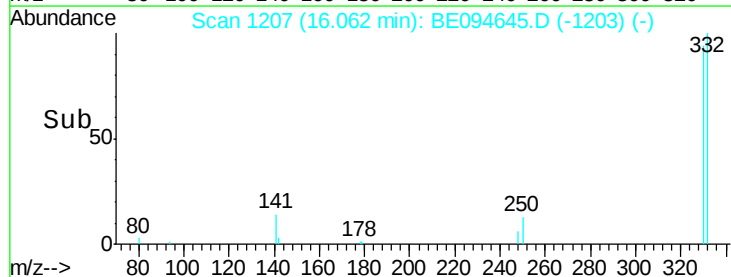
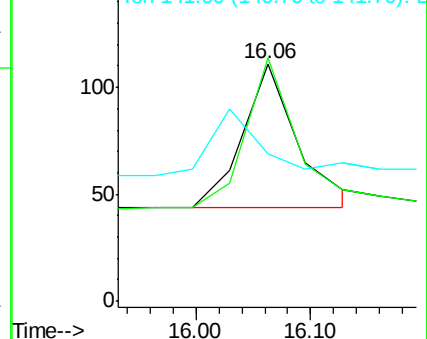
141 0.0 33.7 50.5#

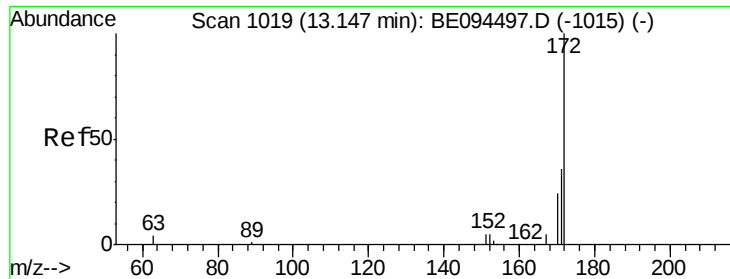


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

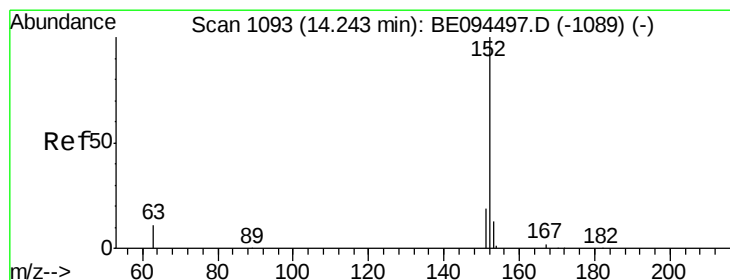
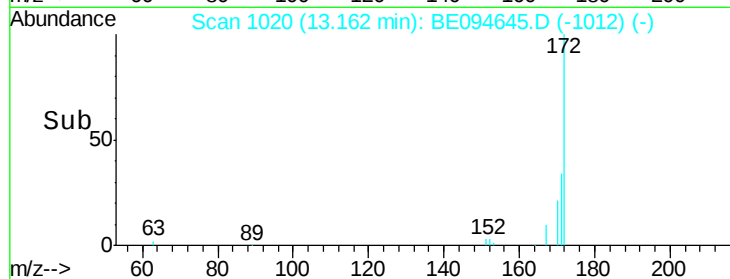
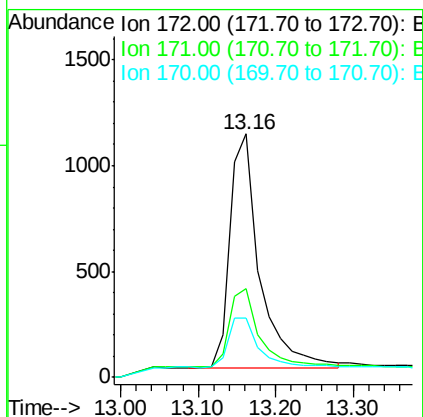
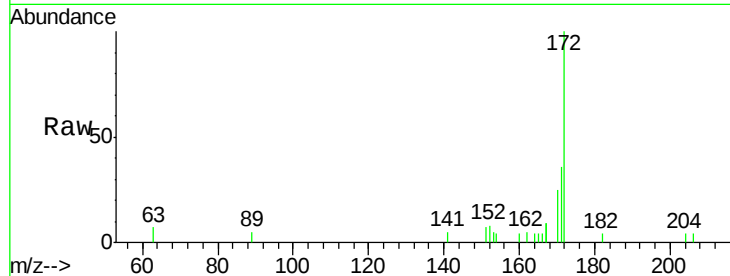




#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

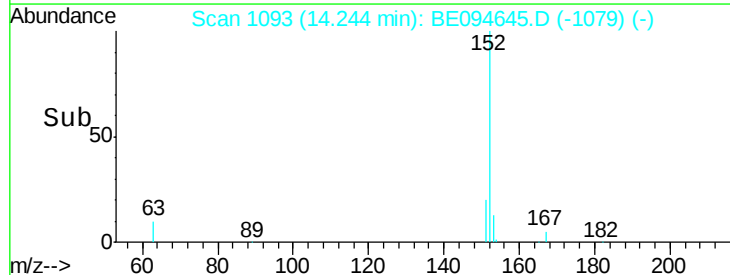
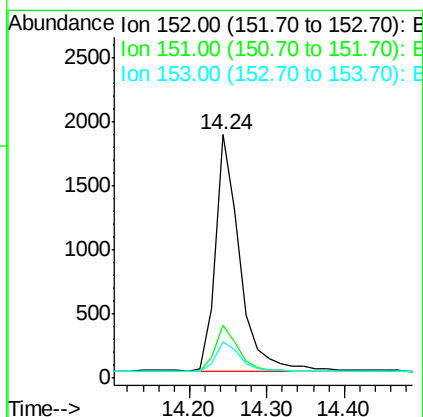
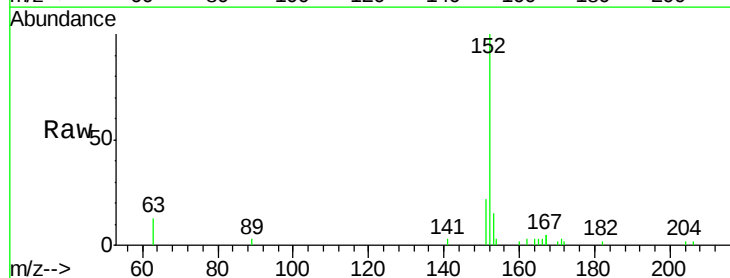
Instrument :
BNA_E
ClientSampleId :

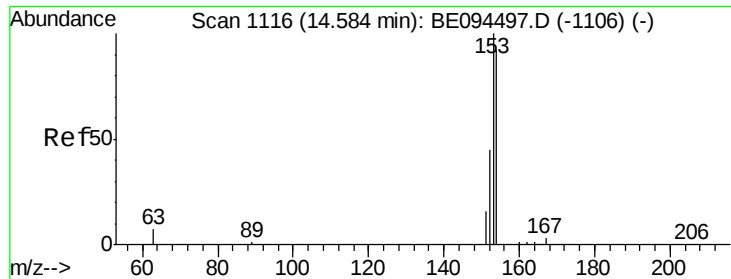
Tot Ion:172 Resp: 2943
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.23 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:152 Resp: 3980
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.7 10.5 15.7





#17

Acenaphthene

Concen: 0.23 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

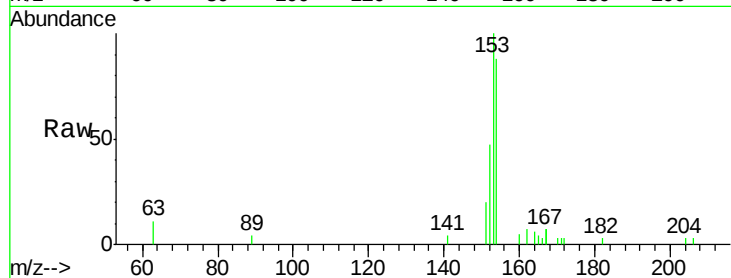
Tot Ion:154 Resp: 2573

Ion Ratio Lower Upper

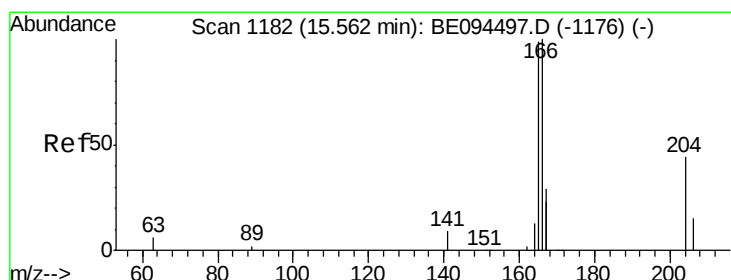
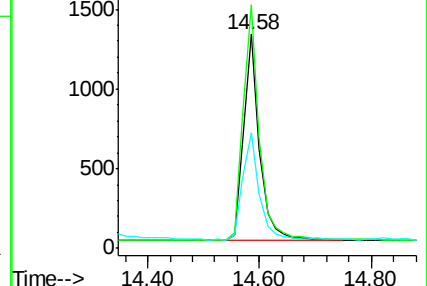
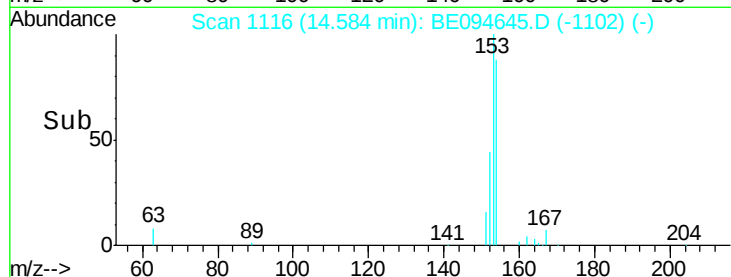
154 100

153 115.0 89.2 133.8

152 54.5 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: 0.24 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

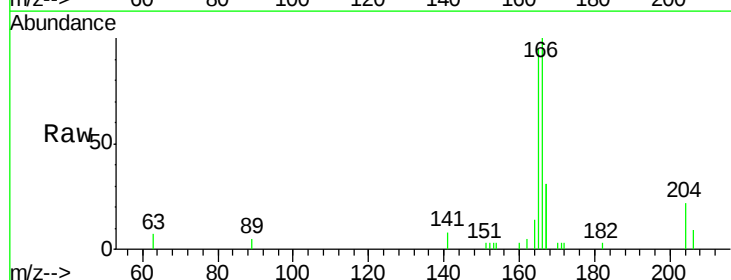
Tgt Ion:166 Resp: 3424

Ion Ratio Lower Upper

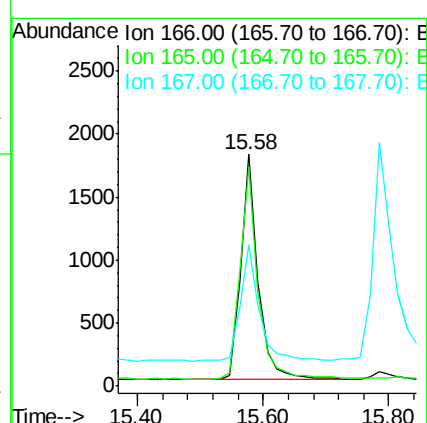
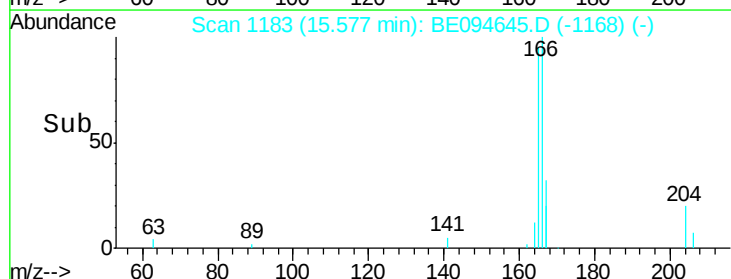
166 100

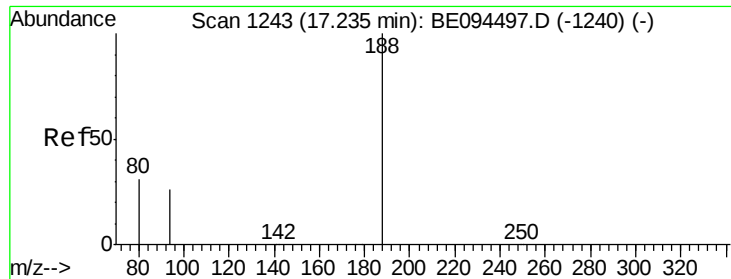
165 96.3 77.8 116.6

167 55.1 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

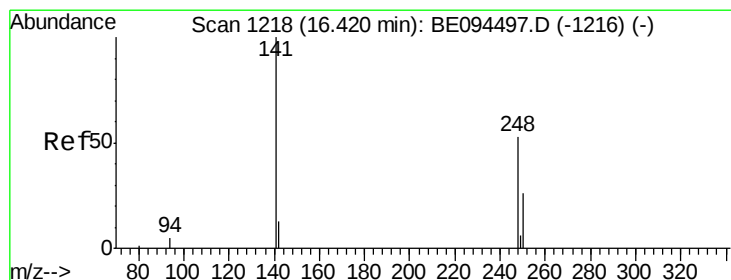
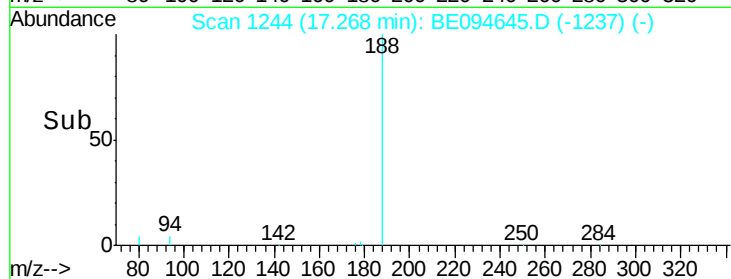
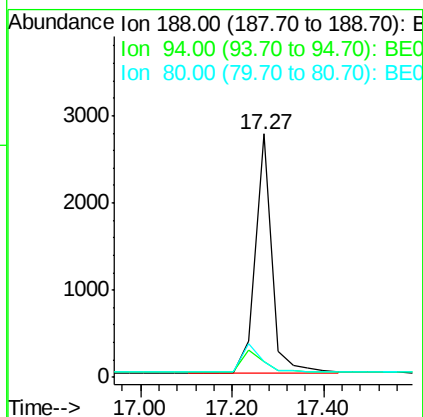
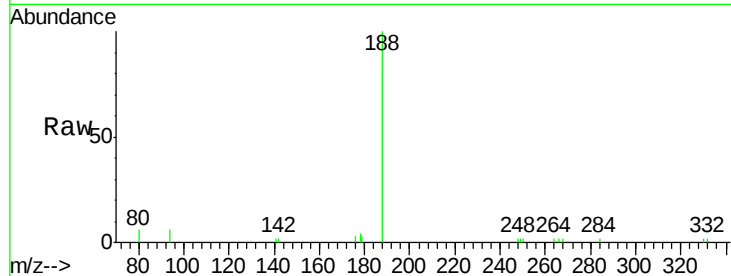




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

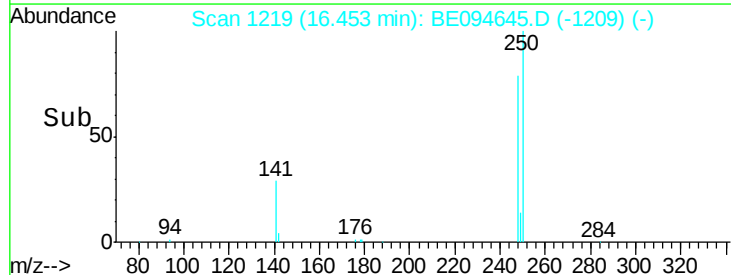
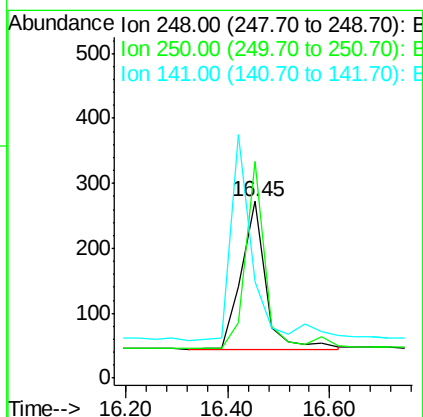
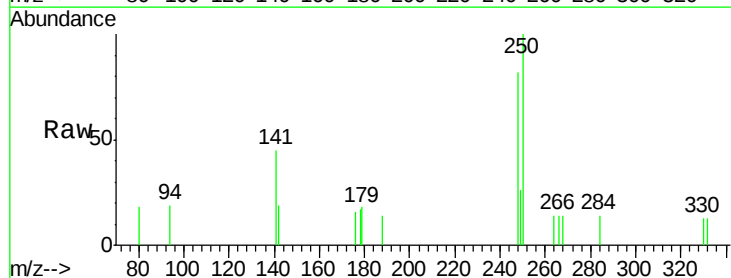
Instrument :
BNA_E
ClientSampleId :

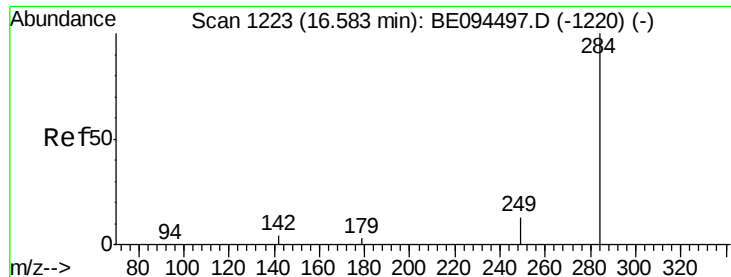
Tot Ion:188 Resp: 6954
Ion Ratio Lower Upper
188 100
94 6.4 3.9 5.9#
80 6.3 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:248 Resp: 757
Ion Ratio Lower Upper
248 100
250 122.4 62.7 94.1#
141 54.8 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.35 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

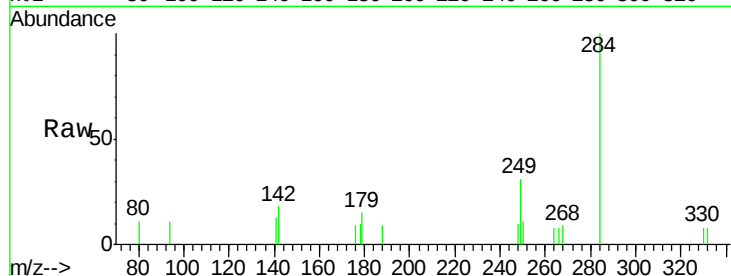
Tot Ion:284 Resp: 1148

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

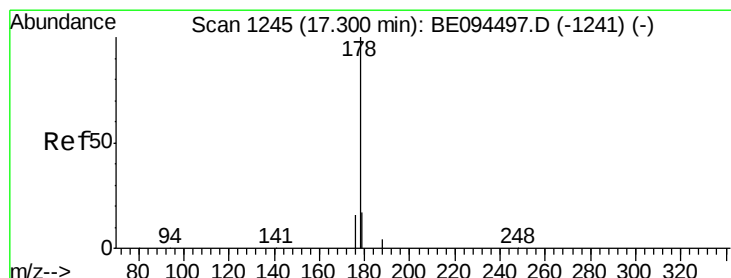
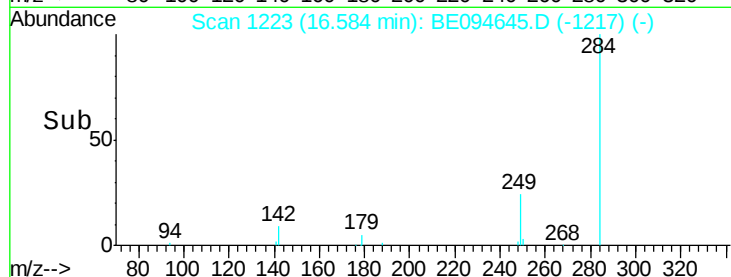
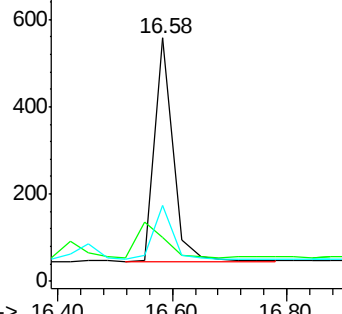
249 23.7 34.8 52.2#



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



#23

Phenanthrene

Concen: 0.33 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

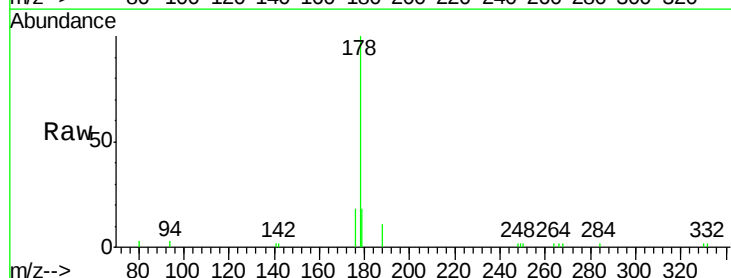
Tgt Ion:178 Resp: 6333

Ion Ratio Lower Upper

178 100

176 17.7 15.1 22.7

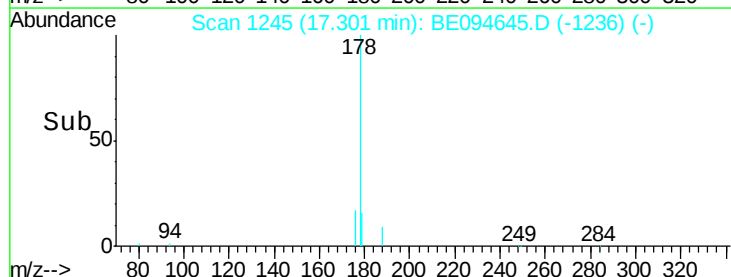
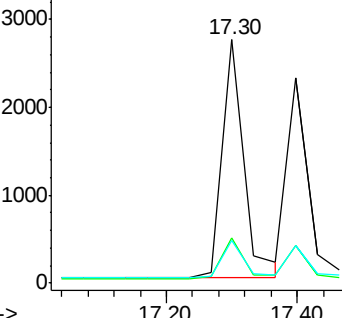
179 15.8 11.8 17.6

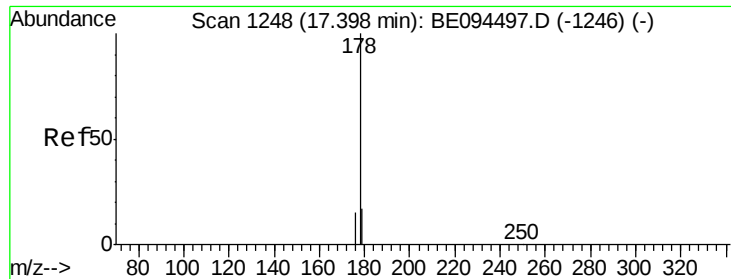


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.26 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

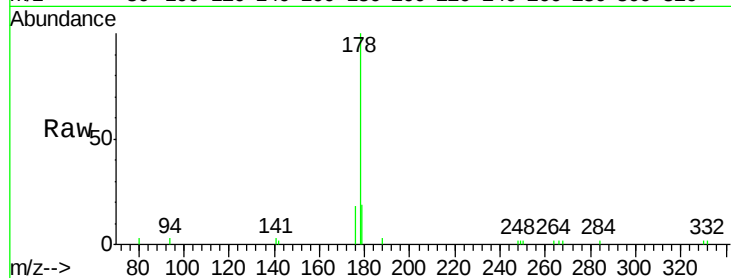
Tot Ion:178 Resp: 5212

Ion Ratio Lower Upper

178 100

176 16.2 12.8 19.2

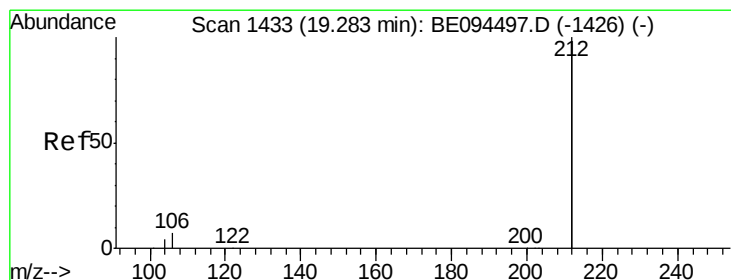
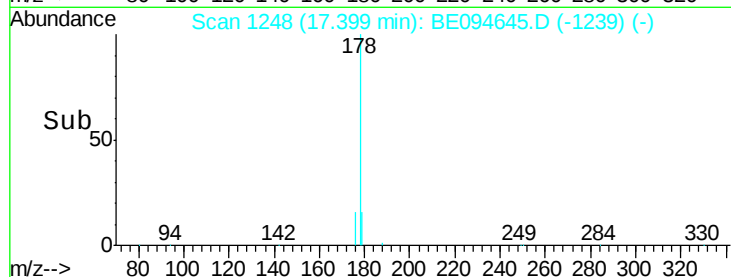
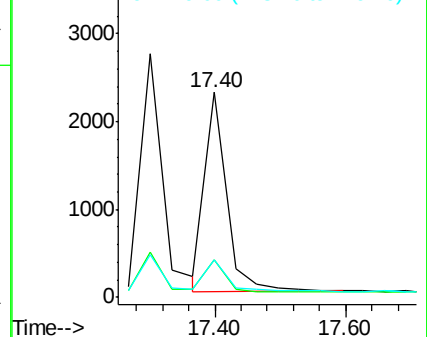
179 17.1 13.0 19.6



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: 0.24 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

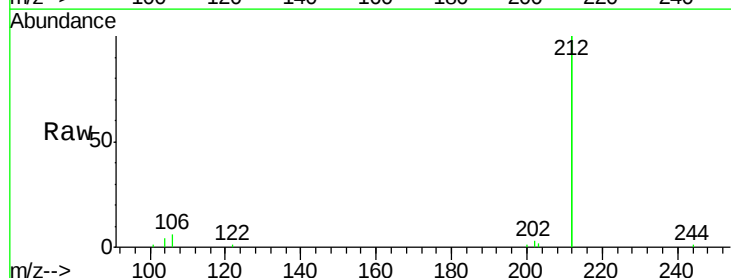
Tgt Ion:212 Resp: 23201

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

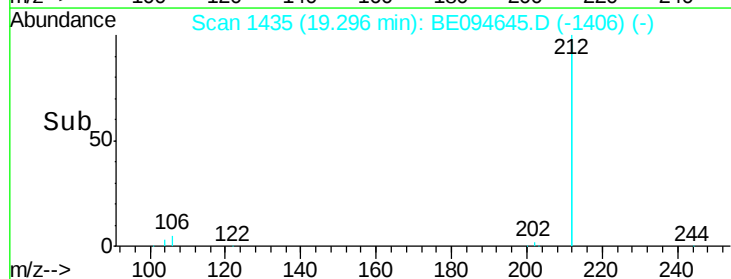
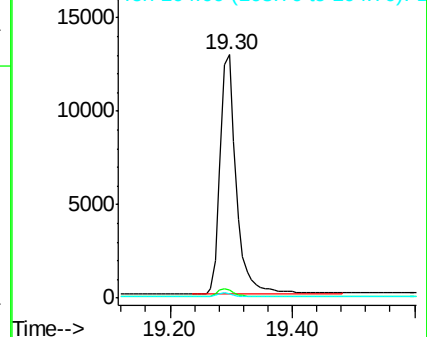
104 1.9 1.6 2.4

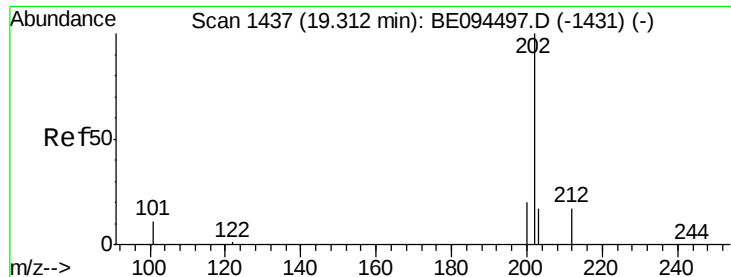


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

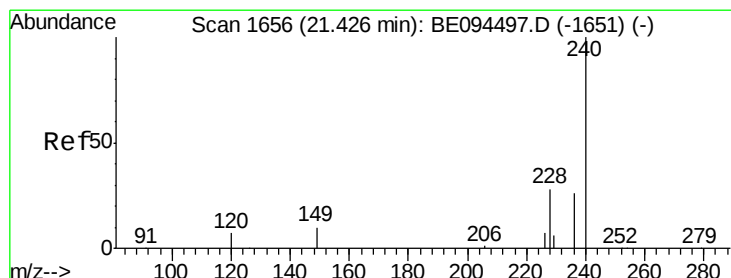
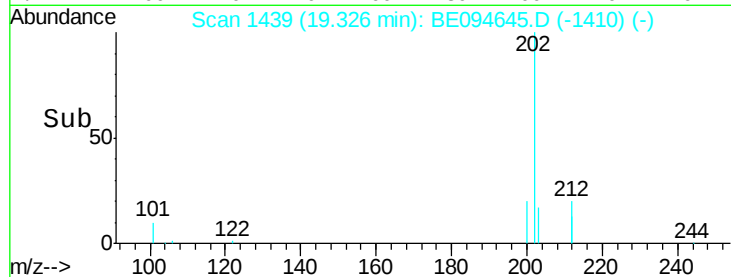
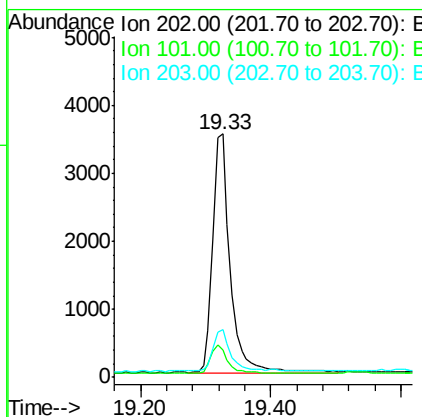
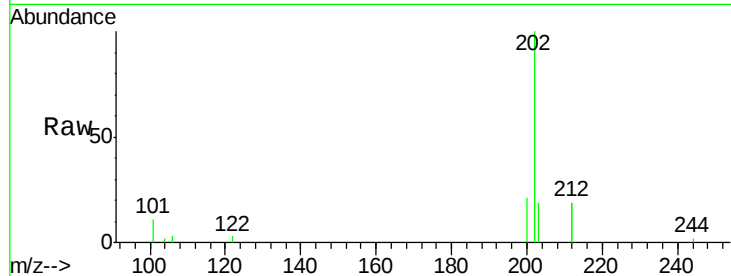




#26
 Fluoranthene
 Concen: 0.22 ng
 RT: 19.33 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE094645.D
 Acq: 30 Oct 2017 16:30

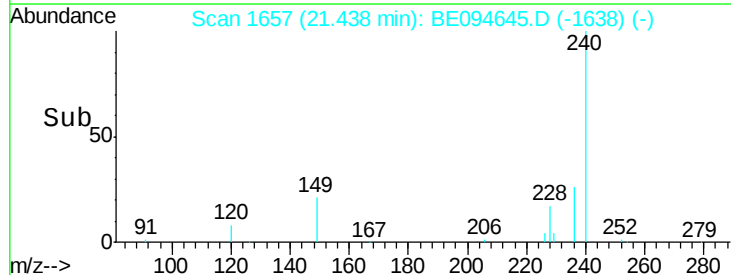
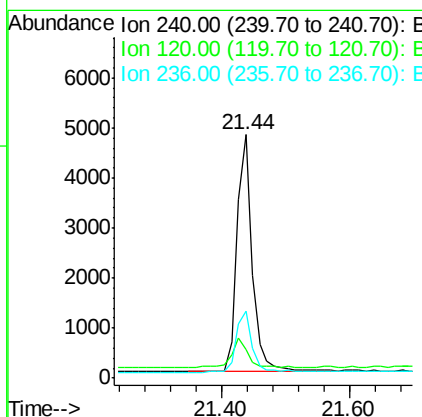
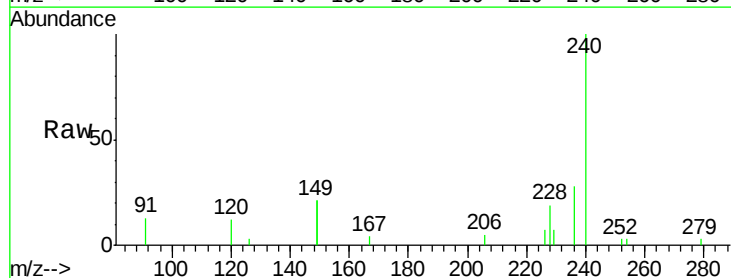
Instrument :
 BNA_E
 ClientSampleId :

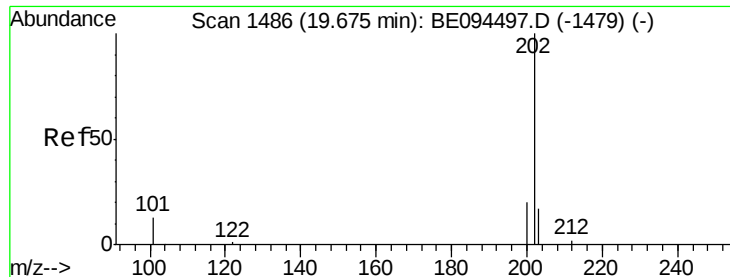
Tot Ion:202 Resp: 6600
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.8 14.8
 203 17.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.44 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BE094645.D
 Acq: 30 Oct 2017 16:30

Tgt Ion:240 Resp: 7976
 Ion Ratio Lower Upper
 240 100
 120 11.6 5.5 8.3#
 236 27.6 20.7 31.1

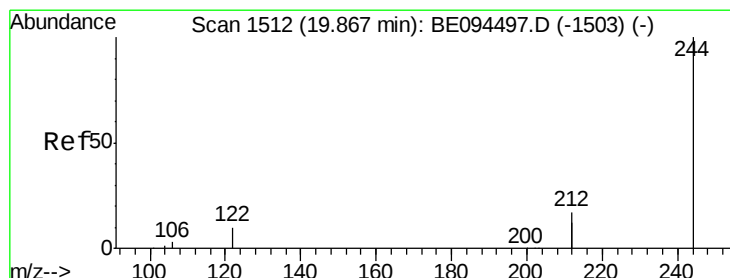
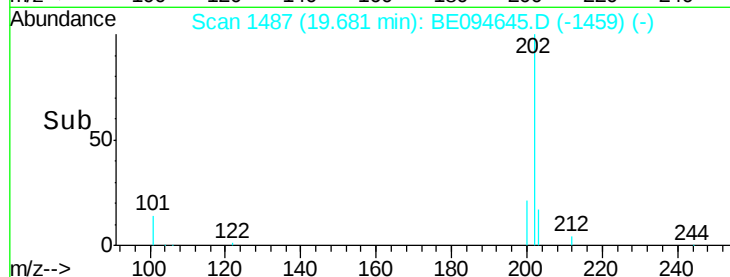
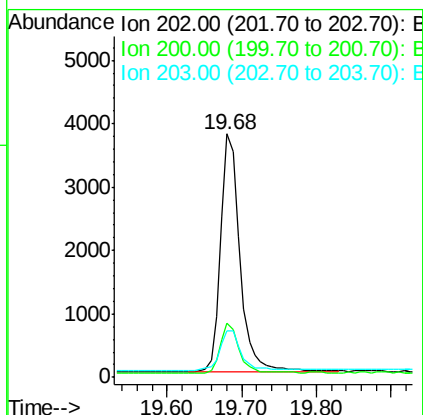
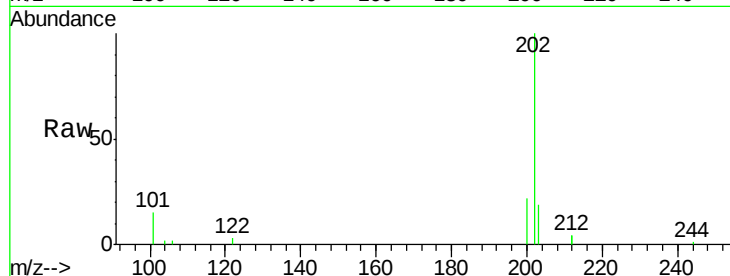




#28
Pvrene
Concen: 0.24 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

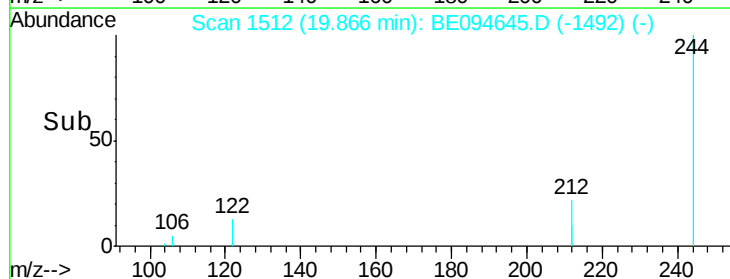
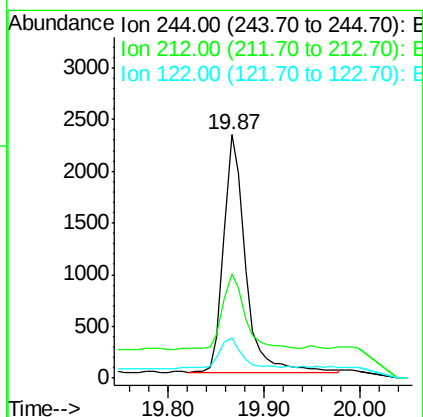
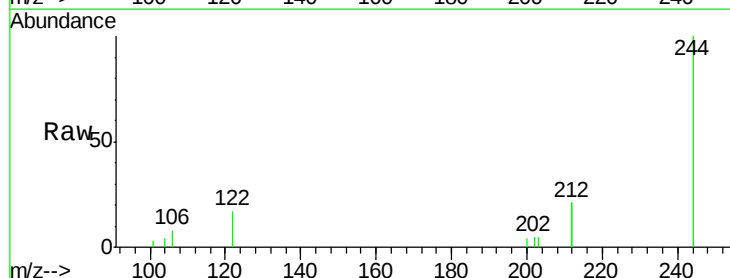
Instrument :
BNA_E
ClientSampleId :

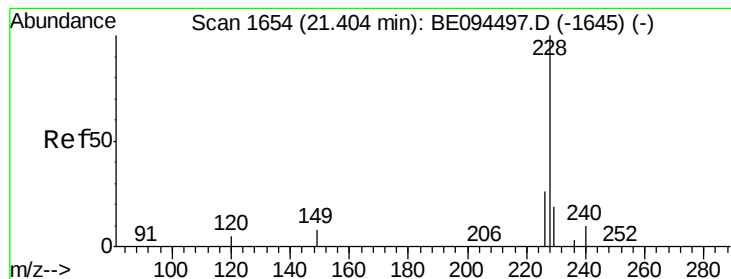
Tot Ion:202 Resp: 6827
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 18.4 13.8 20.8



#29
Terphenyl-d14
Concen: 0.24 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:244 Resp: 3610
Ion Ratio Lower Upper
244 100
212 42.7 25.4 38.0#
122 16.6 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.26 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

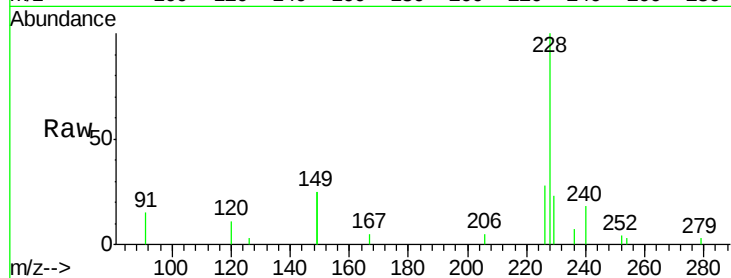
Tot Ion:228 Resp: 6647

Ion Ratio Lower Upper

228 100

226 28.3 40.0 60.0#

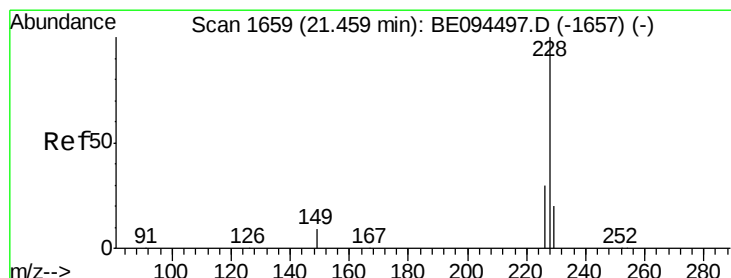
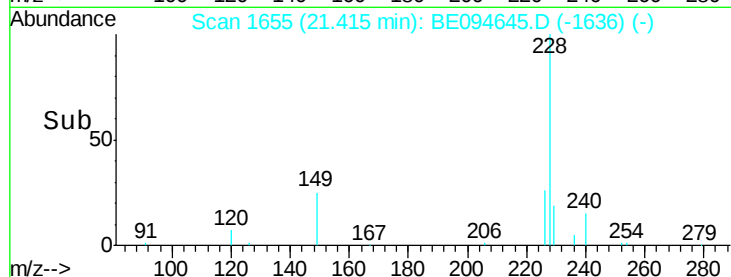
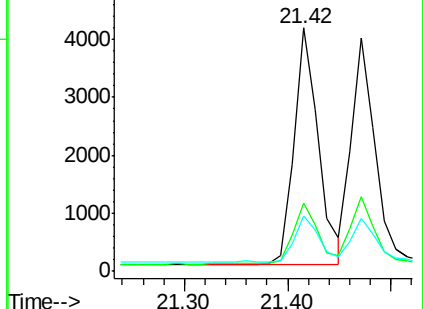
229 22.6 40.0 60.0#



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: 0.24 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

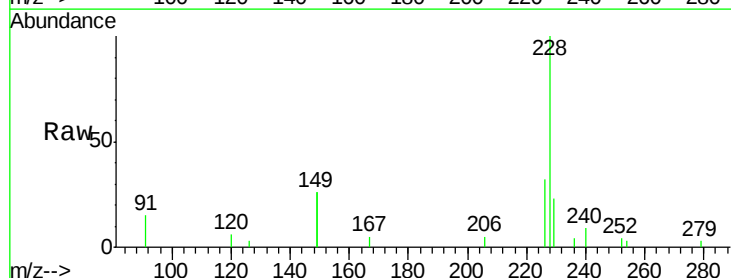
Tgt Ion:228 Resp: 6327

Ion Ratio Lower Upper

228 100

226 31.9 40.0 60.0#

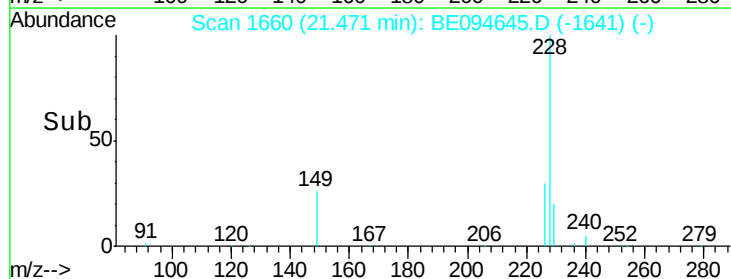
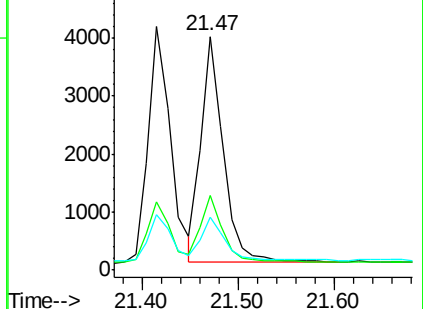
229 22.8 40.0 60.0#

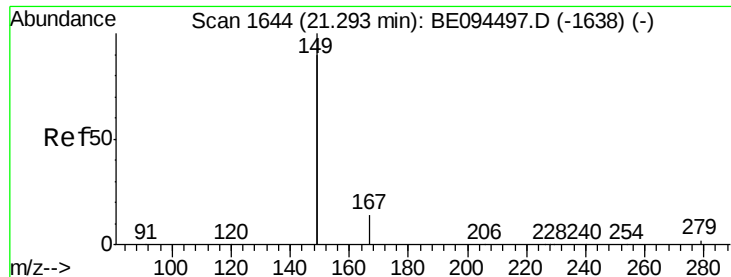


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :

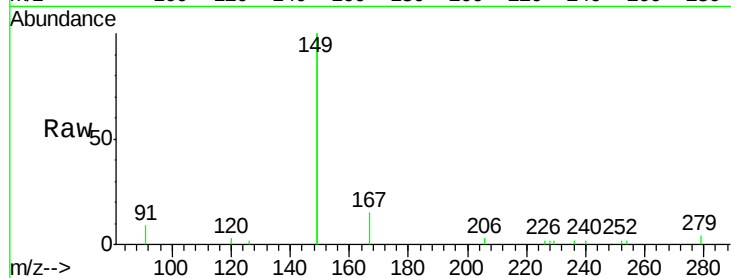
Tot Ion:149 Resp: 17094

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

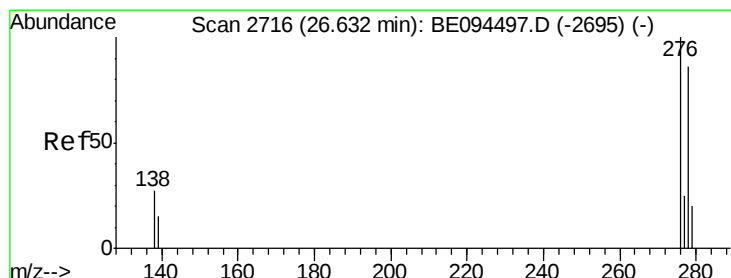
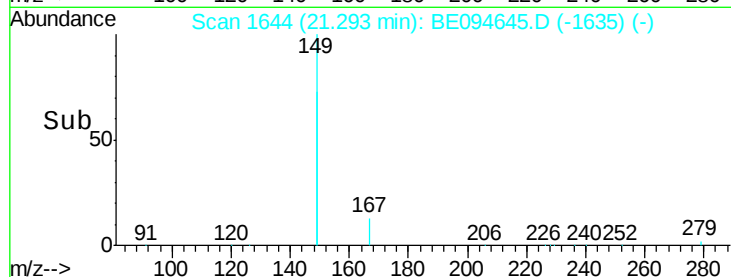
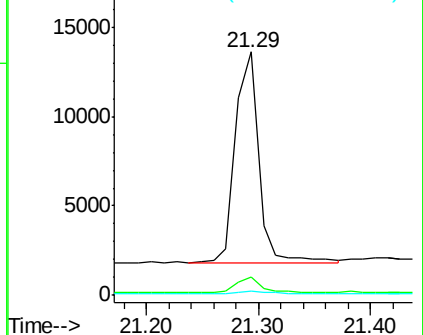
279 1.3 0.7 1.1#



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: 0.23 ng

RT: 26.69 min Scan# 2728

Delta R.T. 0.06 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

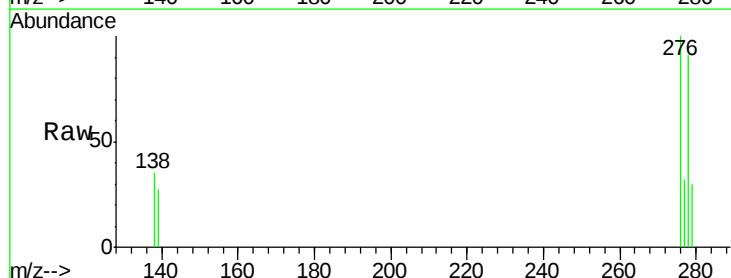
Tgt Ion:276 Resp: 5631

Ion Ratio Lower Upper

276 100

138 27.0 22.5 33.7

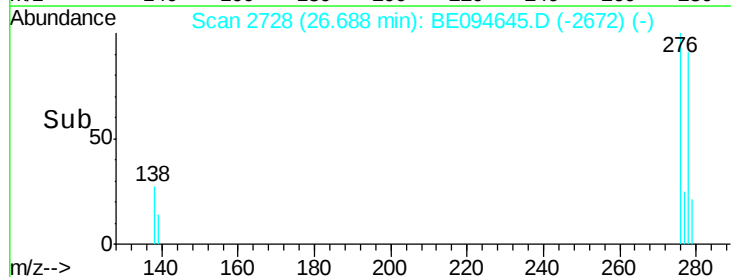
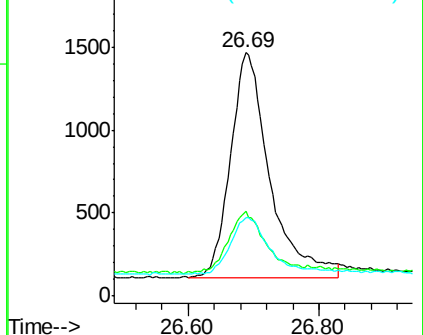
277 25.0 19.9 29.9

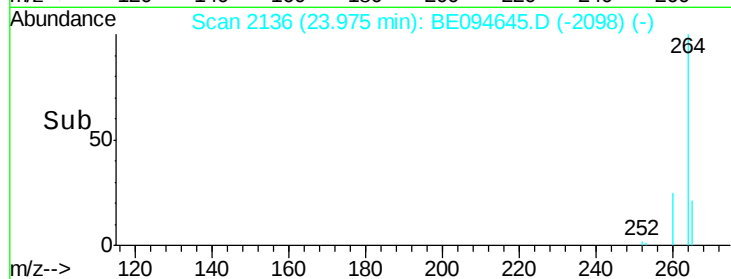
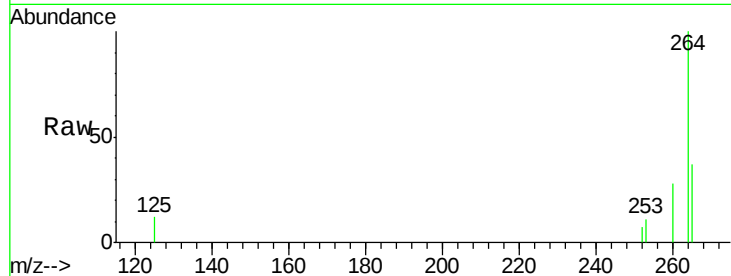
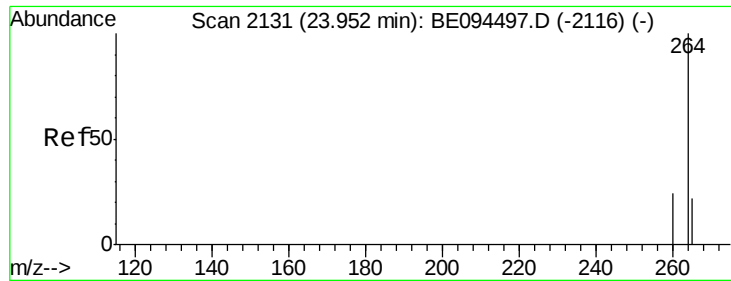


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

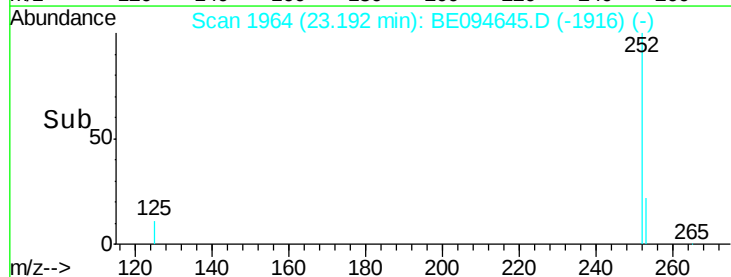
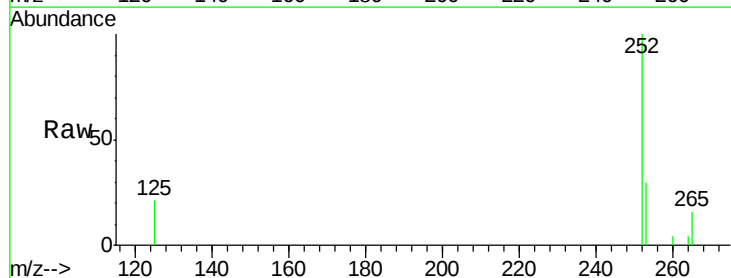
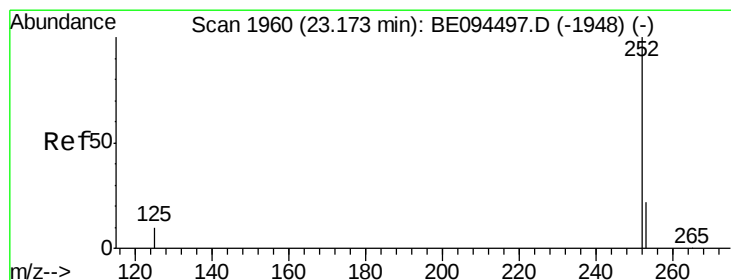
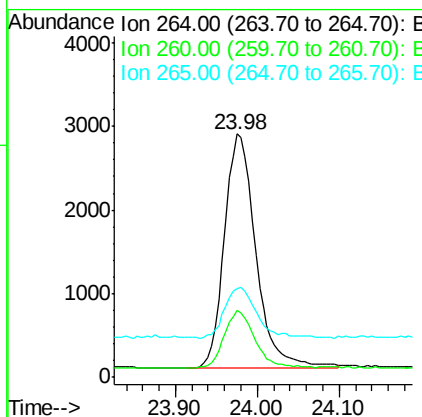




#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.98 min Scan# 2136
 Delta R.T. 0.02 min
 Lab File: BE094645.D
 Acq: 30 Oct 2017 16:30

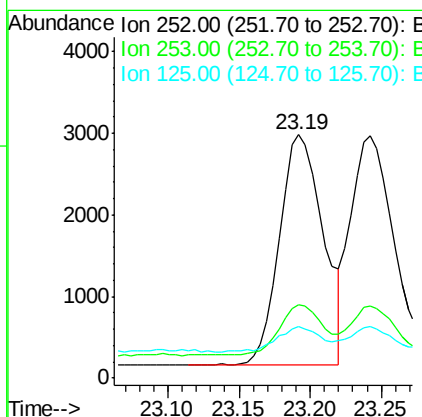
Instrument :
 BNA_E
 ClientSampleId :

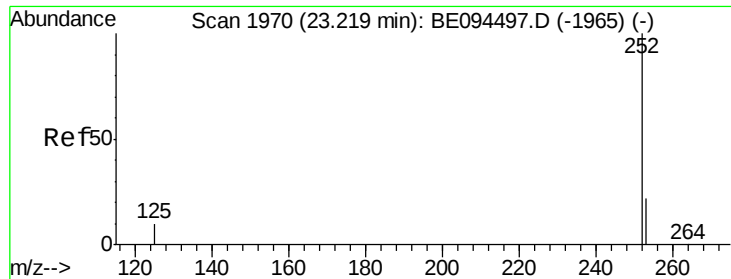
Tot Ion:264 Resp: 7450
 Ion Ratio Lower Upper
 264 100
 260 27.6 20.5 30.7
 265 36.6 22.8 34.2#



#35
 Benzo(b)fluoranthene
 Concen: 0.25 ng
 RT: 23.19 min Scan# 1964
 Delta R.T. 0.02 min
 Lab File: BE094645.D
 Acq: 30 Oct 2017 16:30

Tgt Ion:252 Resp: 6019
 Ion Ratio Lower Upper
 252 100
 253 30.4 48.0 72.0#
 125 21.5 56.0 84.0#

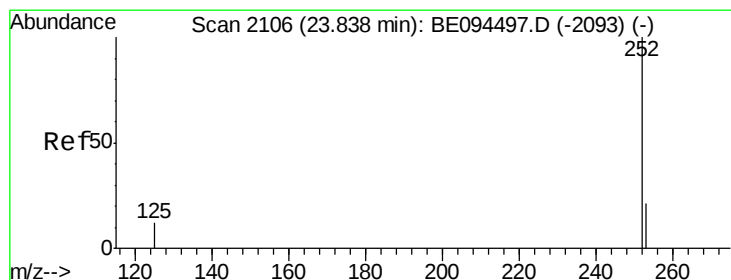
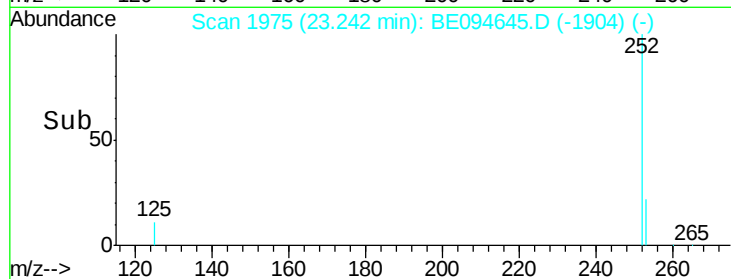
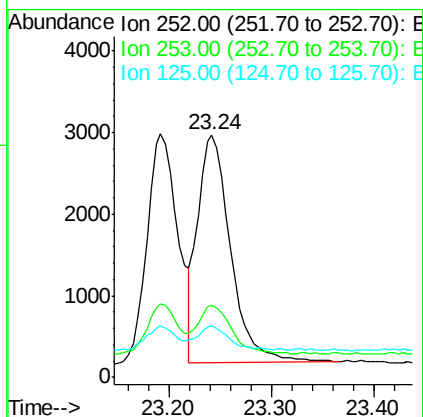
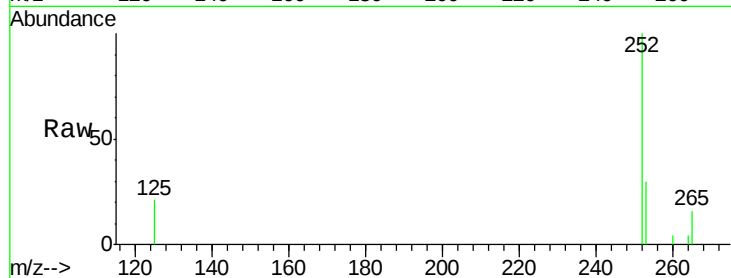




#36
Benzo(k)fluoranthene
Concen: 0.24 ng
RT: 23.24 min Scan# 1975
Delta R.T. 0.02 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

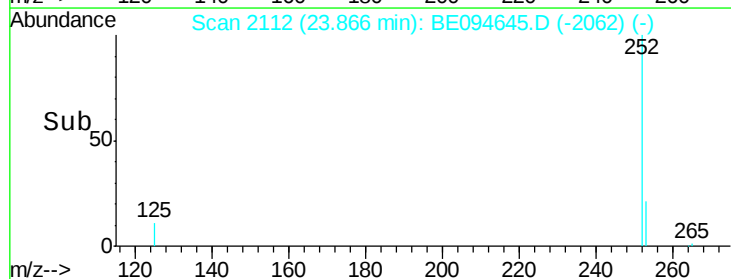
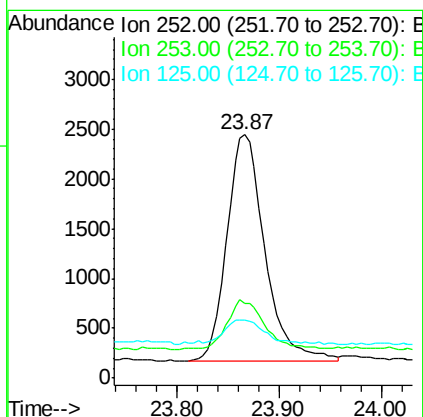
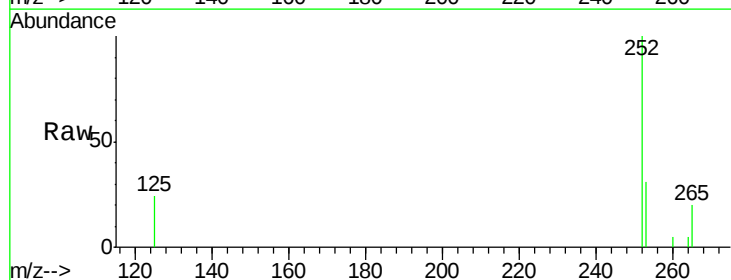
Instrument :
BNA_E
ClientSampleId :

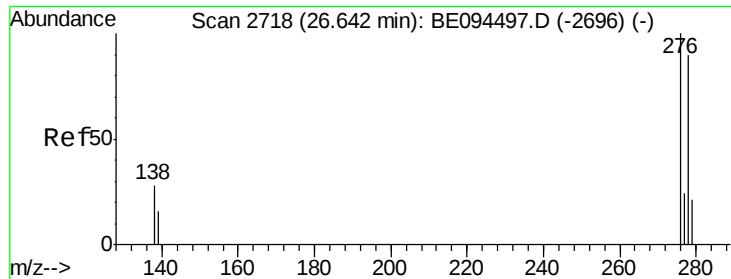
Tot Ion:252 Resp: 6255
Ion Ratio Lower Upper
252 100
253 29.9 48.0 72.0#
125 21.2 56.0 84.0#



#37
Benzo(a)pyrene
Concen: 0.25 ng
RT: 23.87 min Scan# 2112
Delta R.T. 0.03 min
Lab File: BE094645.D
Acq: 30 Oct 2017 16:30

Tgt Ion:252 Resp: 5866
Ion Ratio Lower Upper
252 100
253 30.9 52.0 78.0#
125 24.1 68.0 102.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.24 ng

RT: 26.69 min Scan# 2728

Delta R.T. 0.05 min

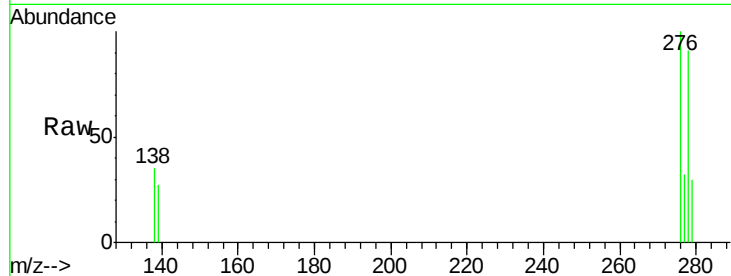
Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Instrument :

BNA_E

ClientSampleId :



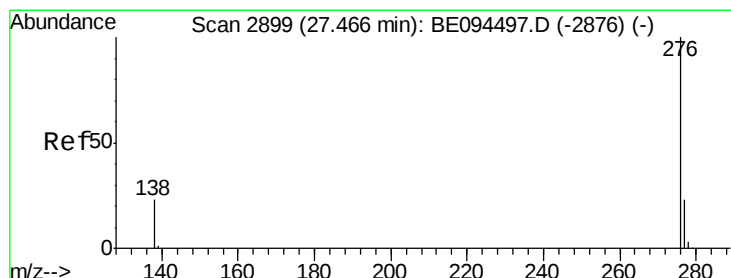
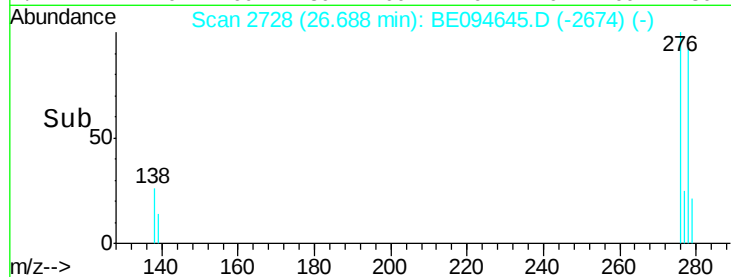
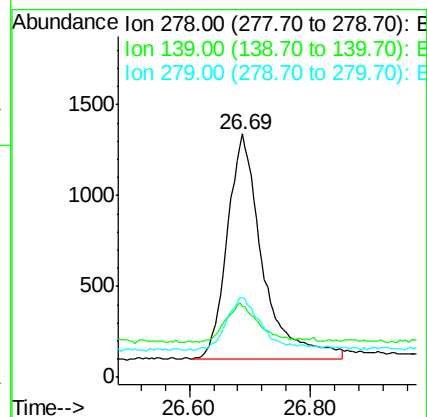
Tot Ion:278 Resp: 4986

Ion Ratio Lower Upper

278 100

139 29.3 56.0 84.0#

279 32.8 52.0 78.0#



#39

Benzo(g,h,i)perylene

Concen: 0.22 ng

RT: 27.53 min Scan# 2913

Delta R.T. 0.06 min

Lab File: BE094645.D

Acq: 30 Oct 2017 16:30

Tgt Ion:276 Resp: 4253

Ion Ratio Lower Upper

276 100

277 33.6 52.0 78.0#

138 32.5 44.0 66.0#

