

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
 Data File : BE094787.D
 Acq On : 8 Nov 2017 17:45
 Operator : SJ/JU
 Sample : PB103996BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103996BSD

Quant Time: Nov 09 00:21:09 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	7.92	152	992	0.40	ng	0.01
7) Naphthalene-d8	10.72	136	6369	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	3832	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	10080	0.40	ng	0.03
27) Chrysene-d12	21.44	240	9215	0.40	ng	0.01
34) Perylene-d12	23.98	264	8273	0.40	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.56	112	871	0.26	ng	0.04
5) Phenol-d6	7.23	99	1453	0.28	ng	0.09
8) Nitrobenzene-d5	9.13	82	1260	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.31	152	3741	0.37	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	264	0.25	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3824	0.28	ng	0.01
25) Fluoranthene-d10	19.30	212	30693	0.21	ng	0.02
29) Terphenyl-d14	19.87	244	5182	0.30	ng	0.00

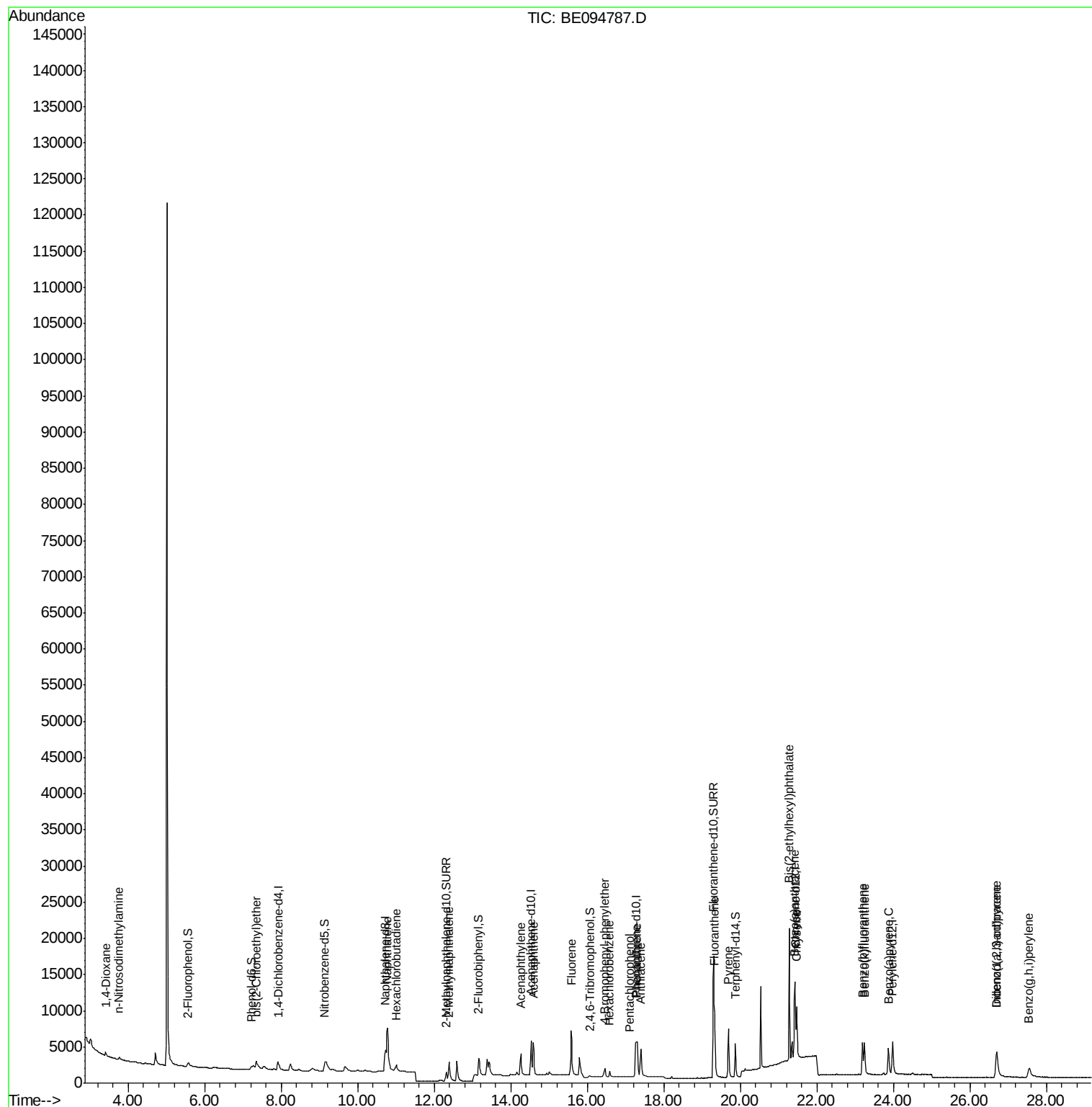
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	369	0.22	ng	# 1
3) n-Nitrosodimethylamine	3.75	42	358	0.22	ng	# 59
6) bis(2-Chloroethyl)ether	7.35	93	1048	0.26	ng	# 60
9) Naphthalene	10.77	128	17753	0.25	ng	98
10) Hexachlorobutadiene	11.01	225	694	0.27	ng	98
12) 2-Methylnaphthalene	12.39	142	3222	0.26	ng	97
16) Acenaphthylene	14.26	152	5123	0.25	ng	99
17) Acenaphthene	14.58	154	3269	0.25	ng	99
18) Fluorene	15.58	166	4210	0.25	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1121	0.20	ng	# 77
21) Hexachlorobenzene	16.58	284	1189	0.25	ng	94
22) Pentachlorophenol	17.10	266	111	0.18	ng	98
23) Phenanthrene	17.30	178	7727	0.27	ng	99
24) Anthracene	17.40	178	7655	0.26	ng	96
26) Fluoranthene	19.33	202	8259	0.18	ng	98
28) Pyrene	19.69	202	8418	0.26	ng	98
30) Benzo(a)anthracene	21.41	228	8145	0.27	ng	# 65
31) Chrysene	21.47	228	7935	0.26	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.28	149	20290	0.28	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	6047	0.21	ng	96
35) Benzo(b)fluoranthene	23.20	252	7089	0.26	ng	# 44
36) Benzo(k)fluoranthene	23.24	252	8304	0.29	ng	# 45
37) Benzo(a)pyrene	23.87	252	7266	0.28	ng	# 38
38) Dibenzo(a,h)anthracene	26.69	278	5586	0.24	ng	# 53
39) Benzo(g,h,i)perylene	27.55	276	4533	0.21	ng	# 62

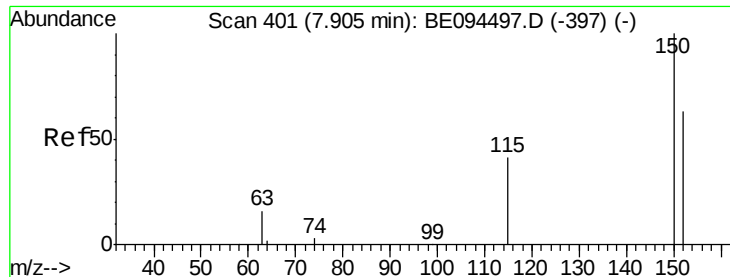
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094787.D
Acq On : 8 Nov 2017 17:45
Operator : SJ/JU
Sample : PB103996BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB103996BSD

Quant Time: Nov 09 00:21:09 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

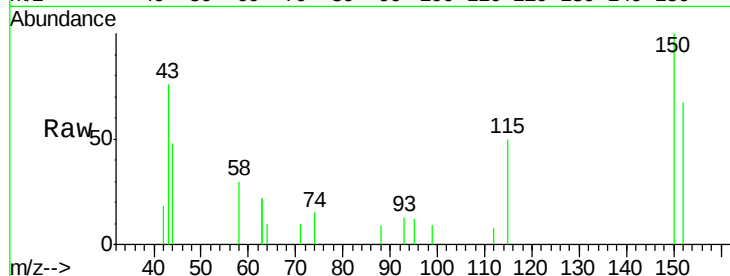
Tot Ion:152 Resp: 992

Ion Ratio Lower Upper

152 100

150 148.8 117.2 175.8

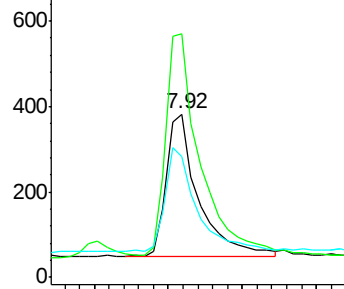
115 74.2 57.0 85.6



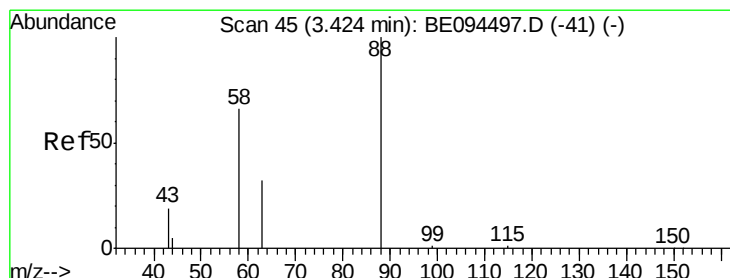
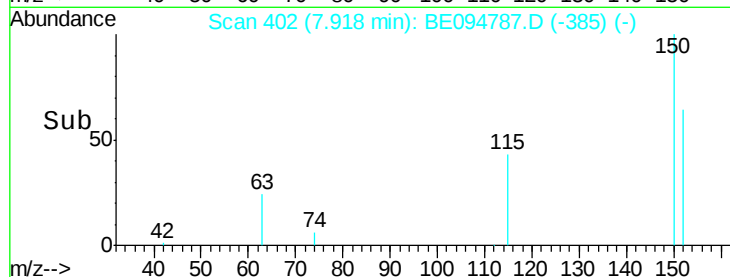
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.22 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

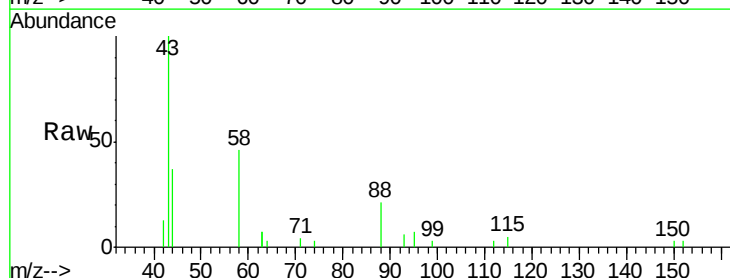
Tgt Ion: 88 Resp: 369

Ion Ratio Lower Upper

88 100

58 229.8 63.2 94.8#

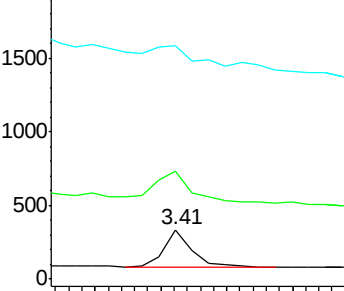
43 0.0 41.2 61.8#



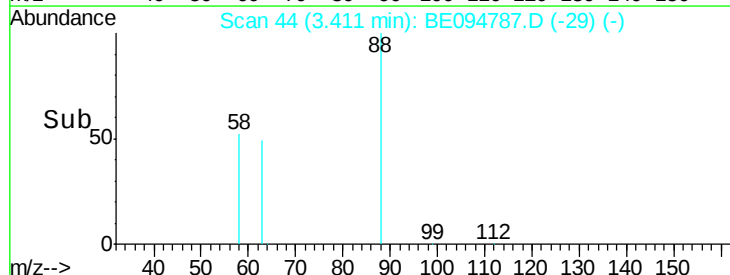
Abundance Ion 88.00 (87.70 to 88.70): BE0

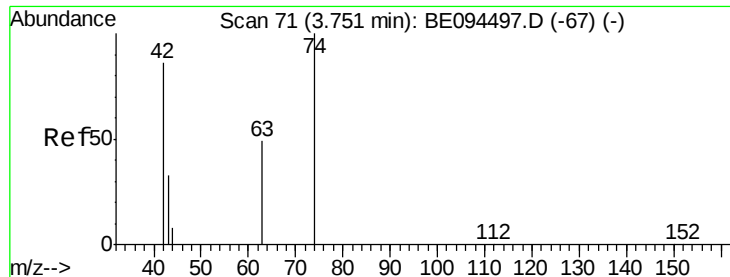
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->



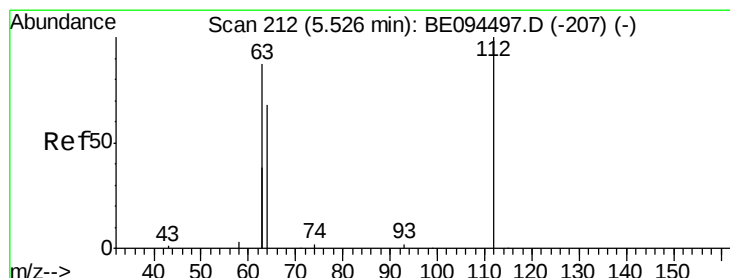
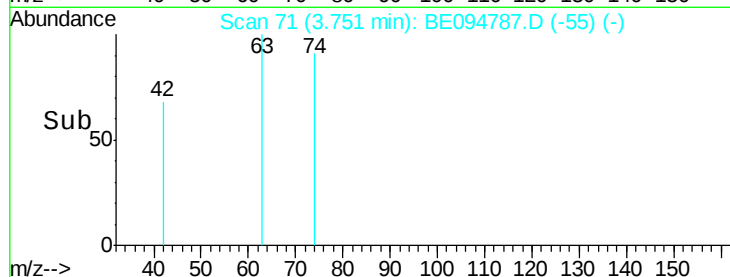
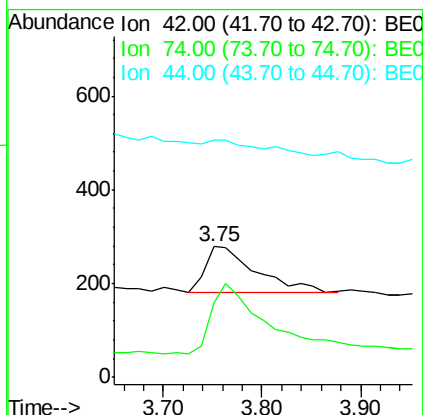
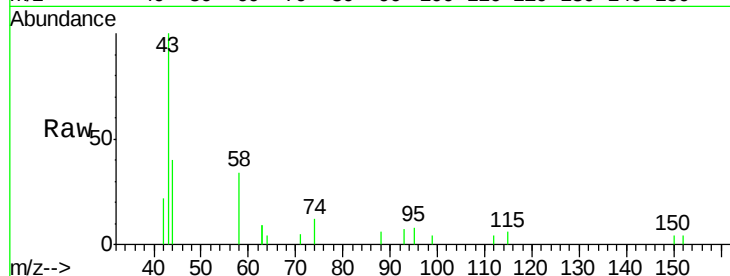


#3

n-Nitrosodimethylamine
 Concen: 0.22 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE094787.D
 Acq: 8 Nov 2017 17:45

Instrument :
 BNA_E
 ClientSampleId :
 PB103996BSD

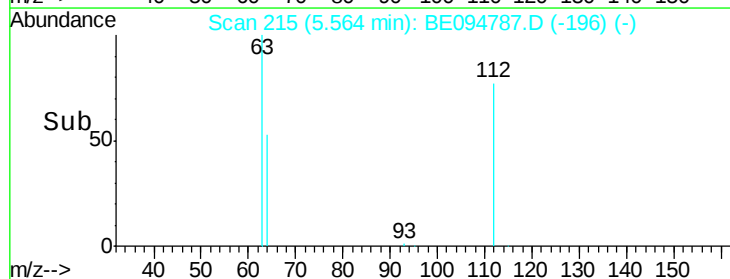
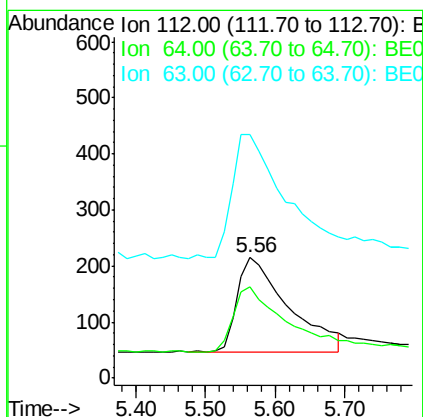
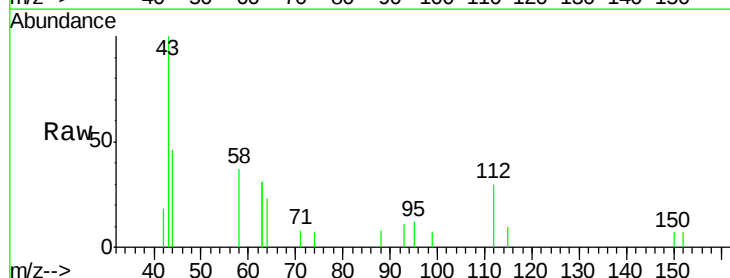
Tot Ion: 42 Resp: 358
 Ion Ratio Lower Upper
 42 100
 74 171.5 100.3 150.5#
 44 0.0 17.0 25.4#

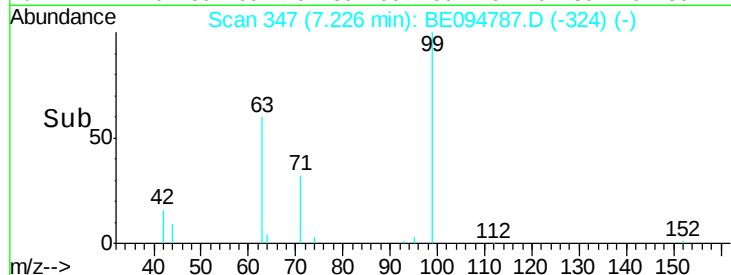
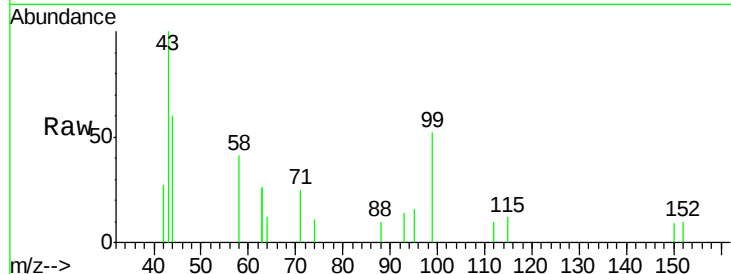
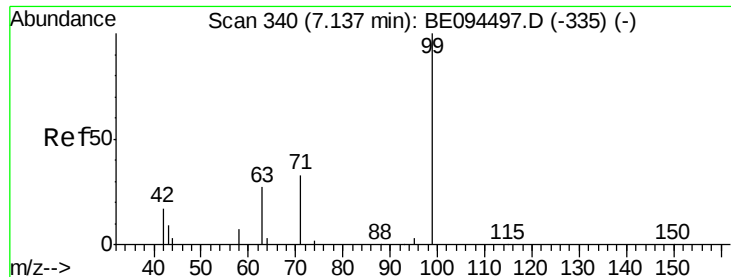


#4

2-Fluorophenol
 Concen: 0.26 ng
 RT: 5.56 min Scan# 215
 Delta R.T. 0.04 min
 Lab File: BE094787.D
 Acq: 8 Nov 2017 17:45

Tgt Ion: 112 Resp: 871
 Ion Ratio Lower Upper
 112 100
 64 68.8 60.1 90.1
 63 137.3 116.8 175.2





#5

Phenol-d6

Concen: 0.28 ng

RT: 7.23 min Scan# 347

Delta R.T. 0.09 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

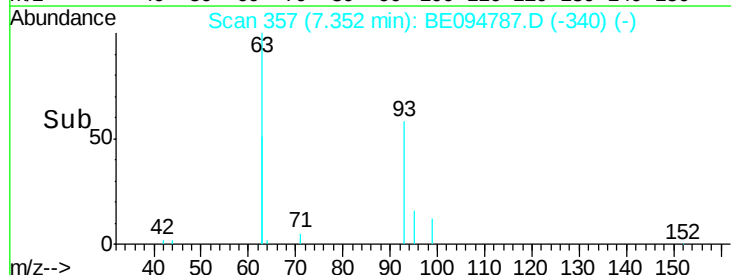
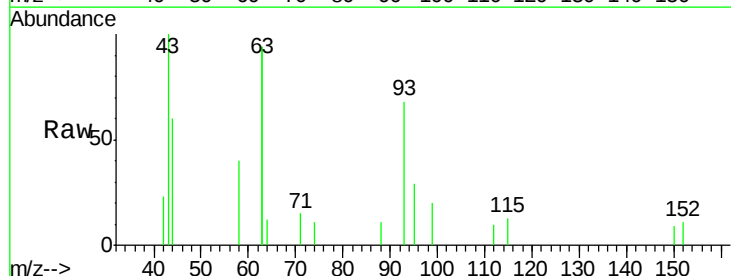
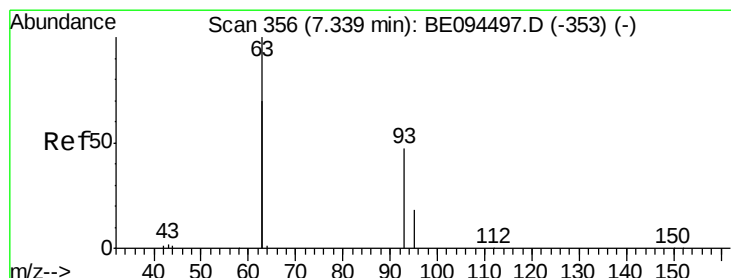
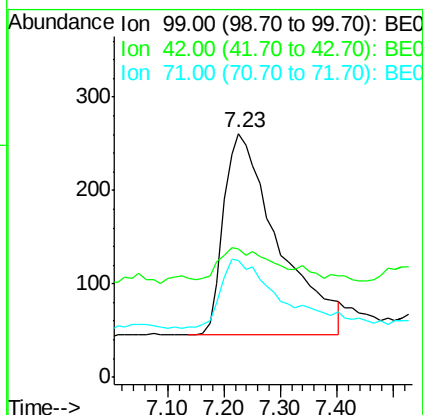
Tot Ion: 99 Resp: 1453

Ion Ratio Lower Upper

99 100

42 16.7 20.2 30.2#

71 34.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.26 ng

RT: 7.35 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

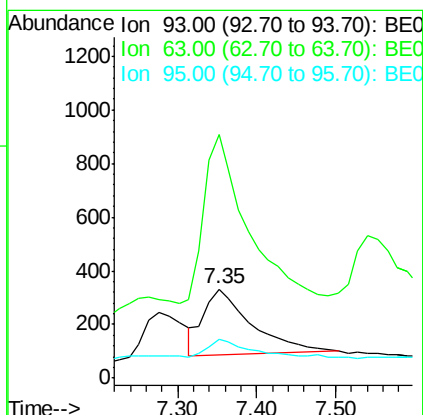
Tgt Ion: 93 Resp: 1048

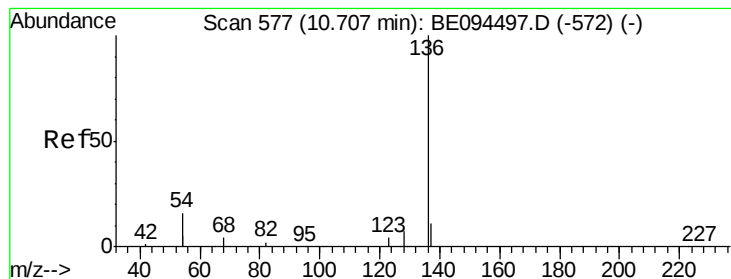
Ion Ratio Lower Upper

93 100

63 251.1 275.3 412.9#

95 26.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

Tot Ion:136 Resp: 6369

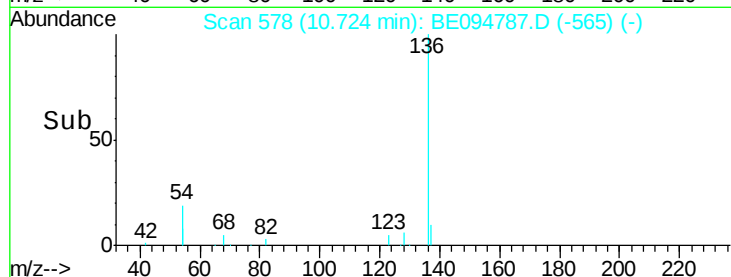
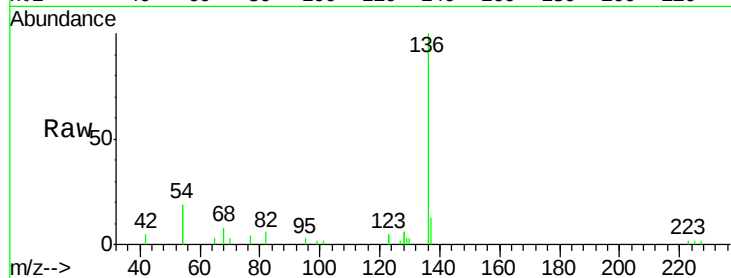
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 37.5 29.1 43.7

68 7.8 6.2 9.2

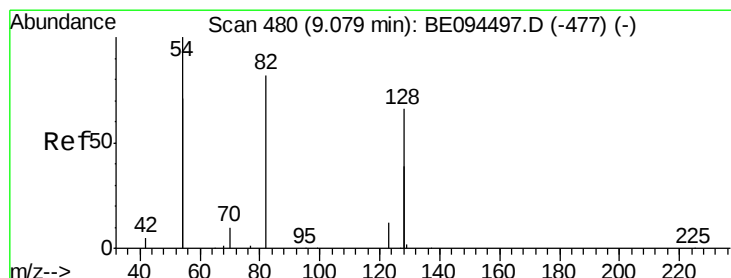
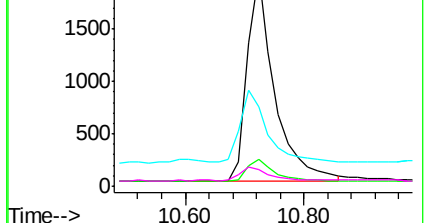


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.25 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

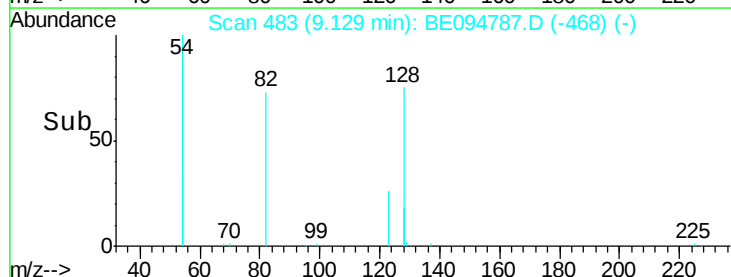
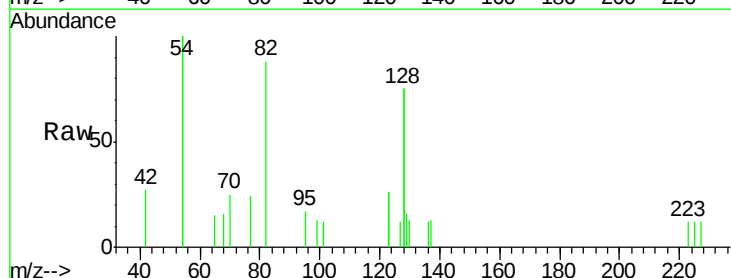
Tgt Ion: 82 Resp: 1260

Ion Ratio Lower Upper

82 100

128 170.6 150.0 225.0

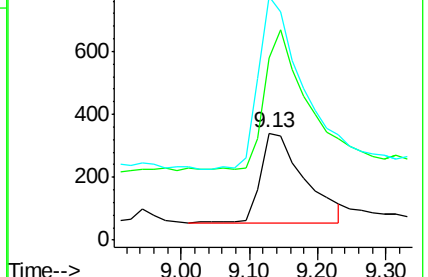
54 227.6 154.2 231.4

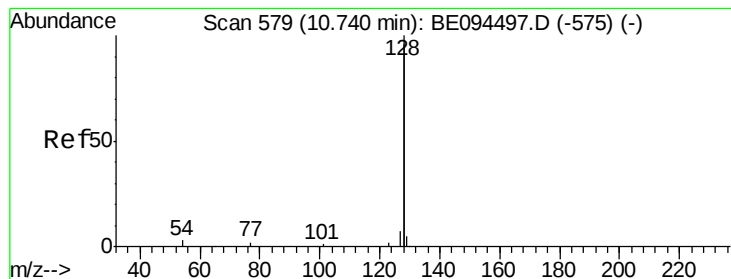


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.25 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.03 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

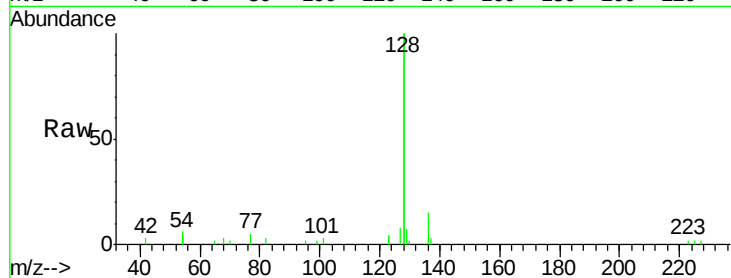
Tot Ion:128 Resp: 17753

Ion Ratio Lower Upper

128 100

129 3.7 2.6 3.8

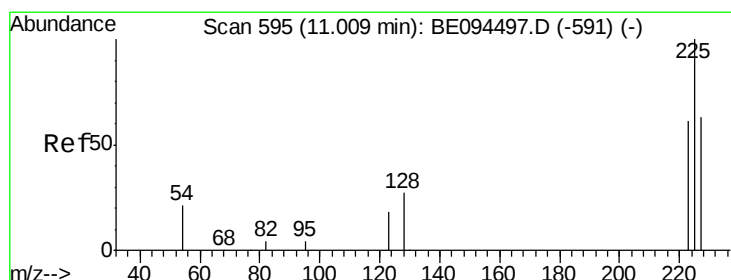
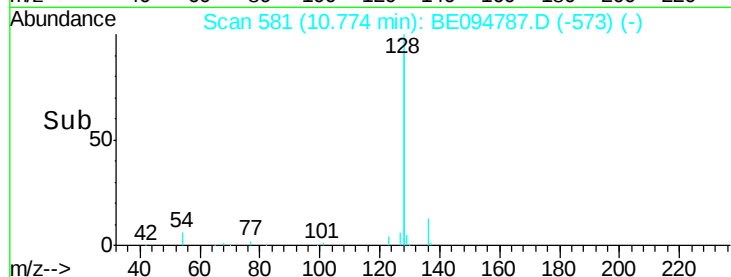
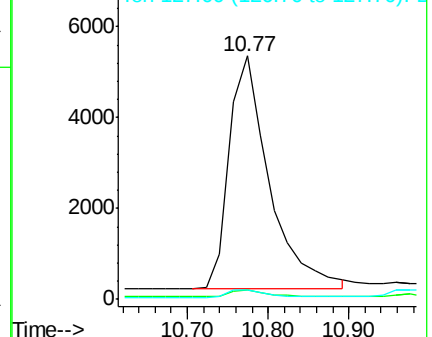
127 4.1 2.8 4.2



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: 0.27 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

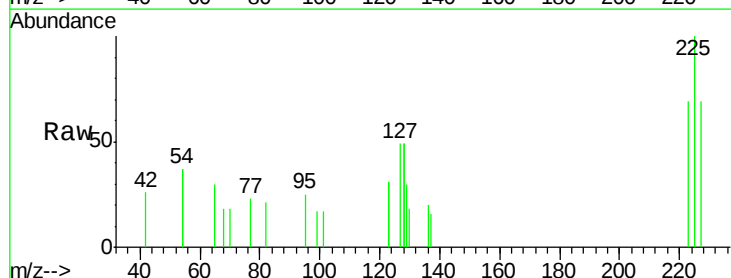
Tgt Ion:225 Resp: 694

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

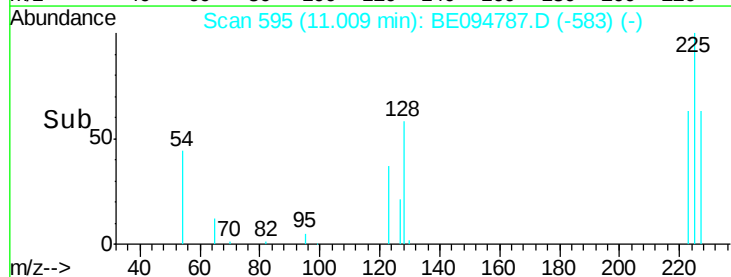
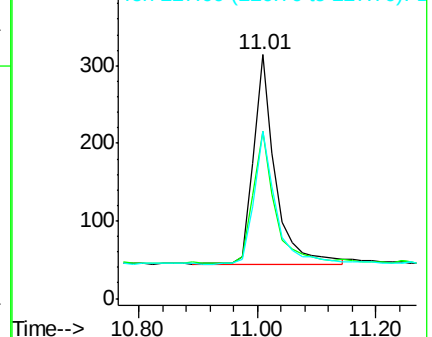
227 64.0 51.4 77.2

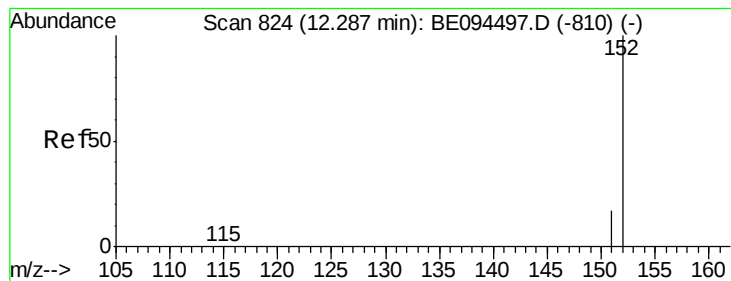


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.02 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

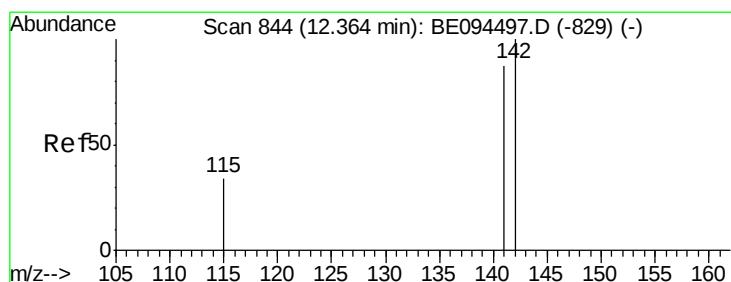
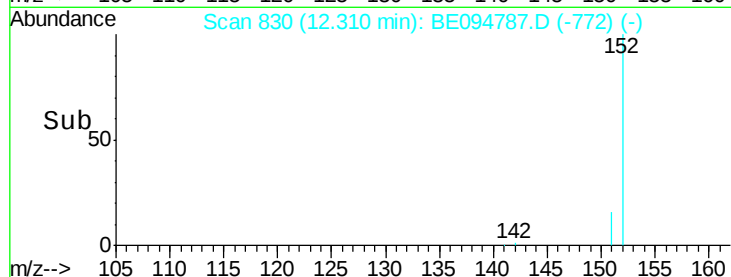
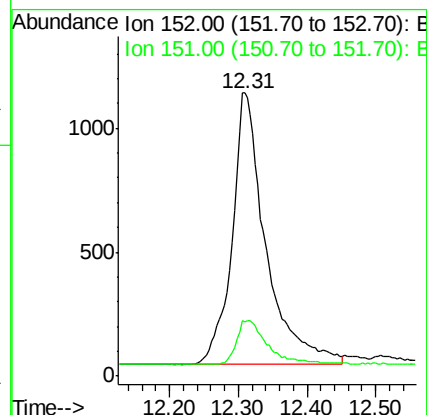
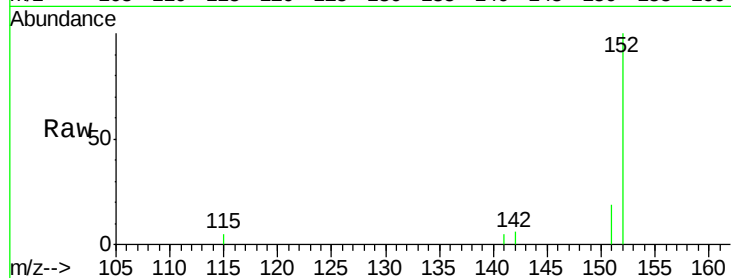
PB103996BSD

Tot Ion:152 Resp: 3741

Ion Ratio Lower Upper

152 100

151 14.5 15.4 23.0#



#12

2-Methylnaphthalene

Concen: 0.26 ng

RT: 12.39 min Scan# 850

Delta R.T. 0.02 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

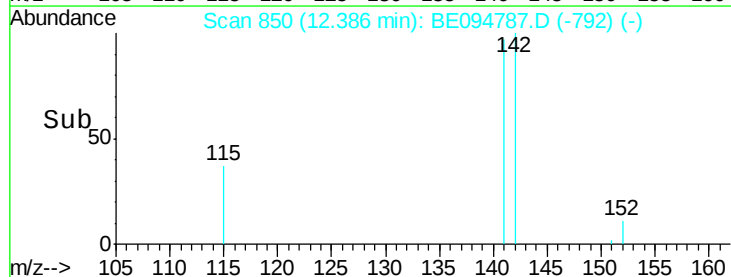
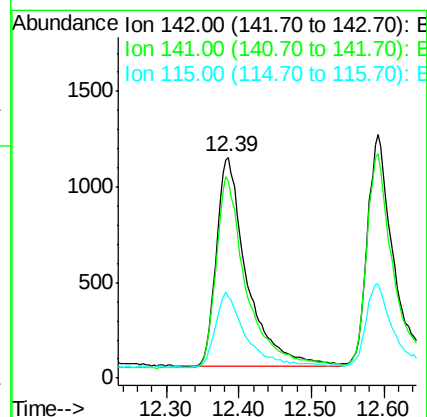
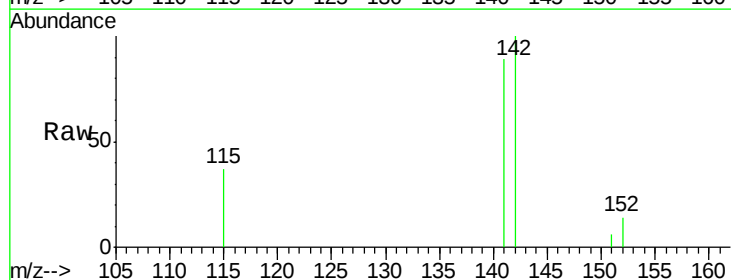
Tgt Ion:142 Resp: 3222

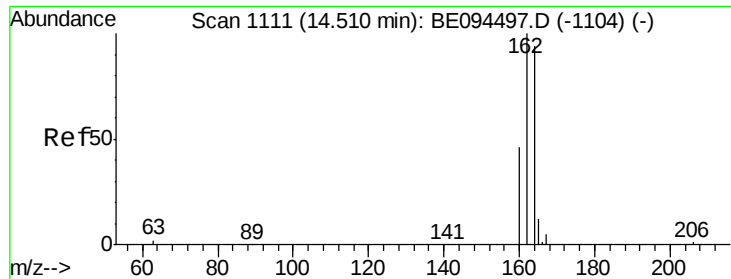
Ion Ratio Lower Upper

142 100

141 89.5 70.4 105.6

115 36.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

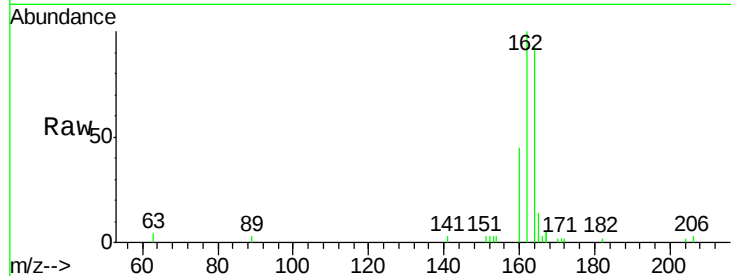
Tot Ion:164 Resp: 3832

Ion Ratio Lower Upper

164 100

162 107.7 83.1 124.7

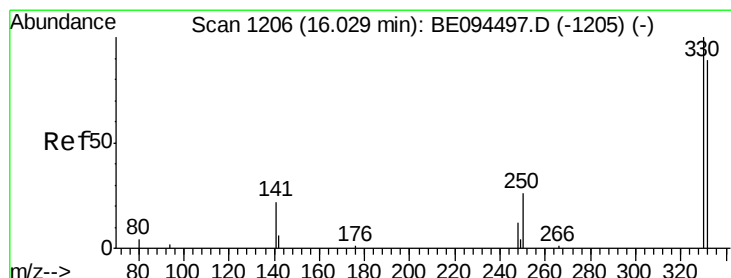
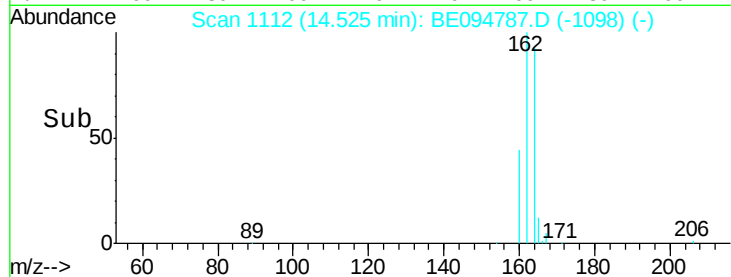
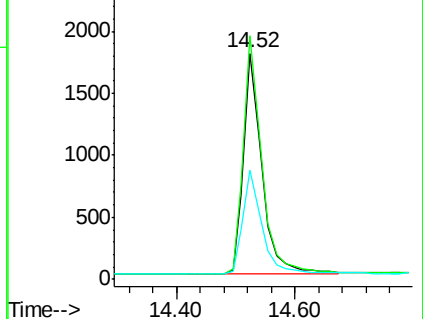
160 48.4 37.1 55.7



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: 0.25 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

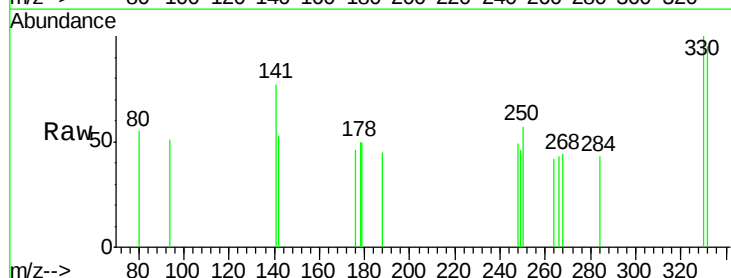
Tgt Ion:330 Resp: 264

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

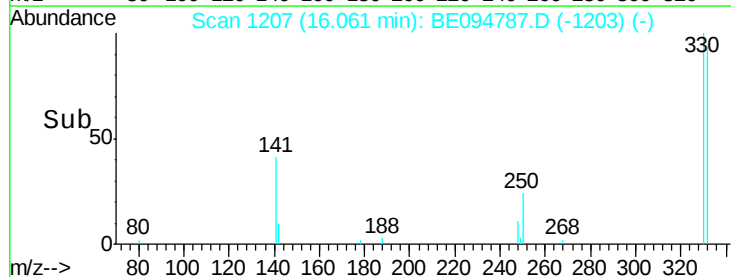
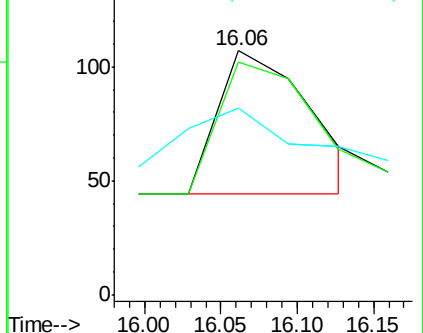
141 45.8 33.7 50.5

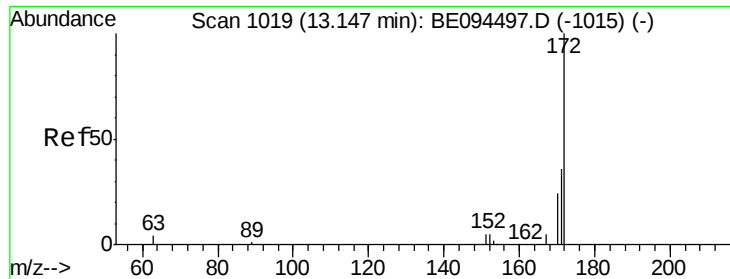


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

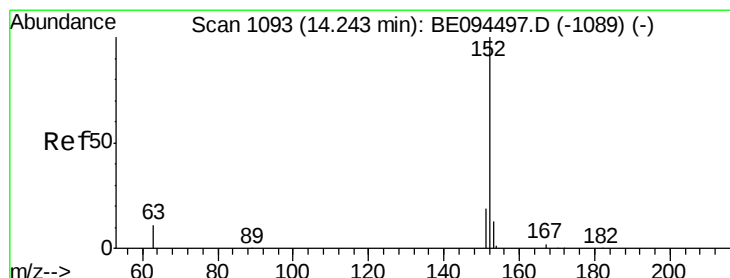
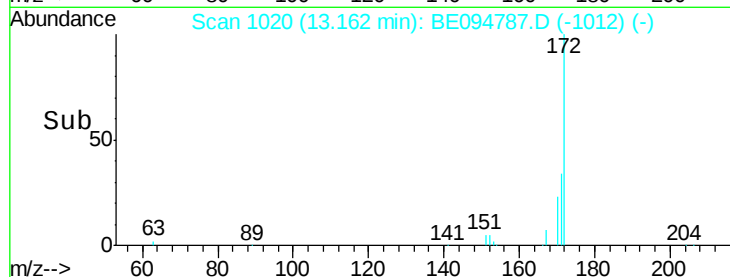
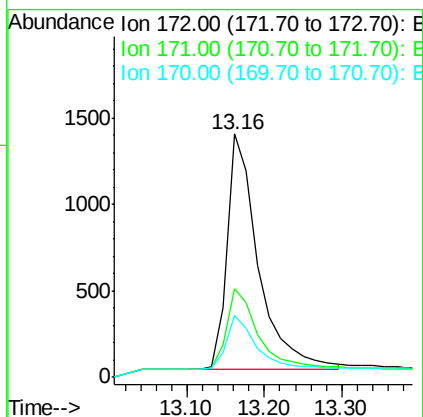
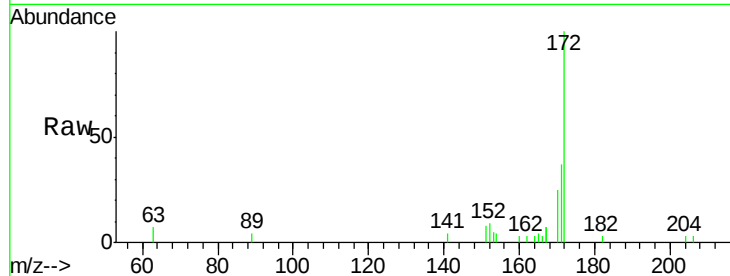




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

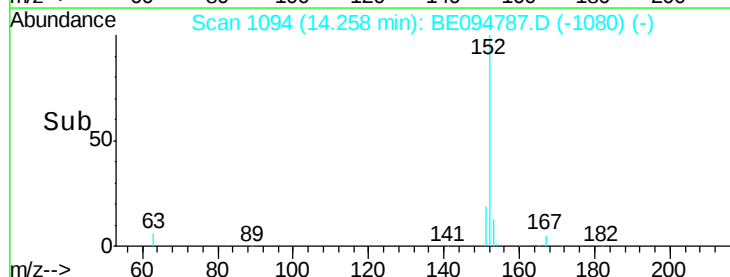
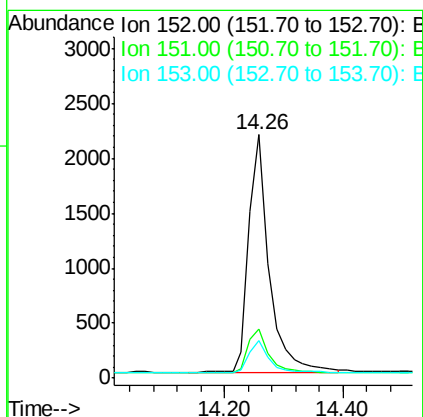
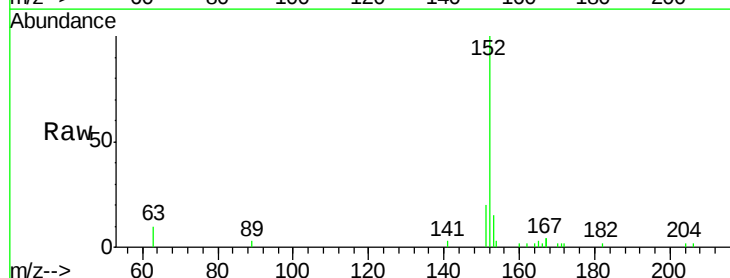
Instrument :
BNA_E
ClientSampleId :
PB103996BSD

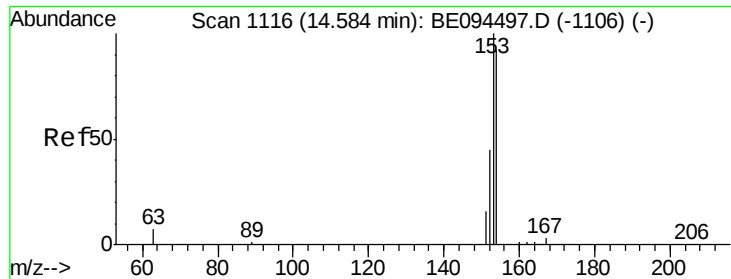
Tot Ion:172 Resp: 3824
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 25.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.25 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

Tgt Ion:152 Resp: 5123
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 13.7 10.5 15.7

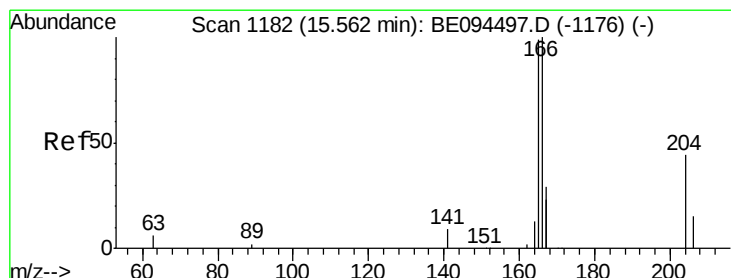
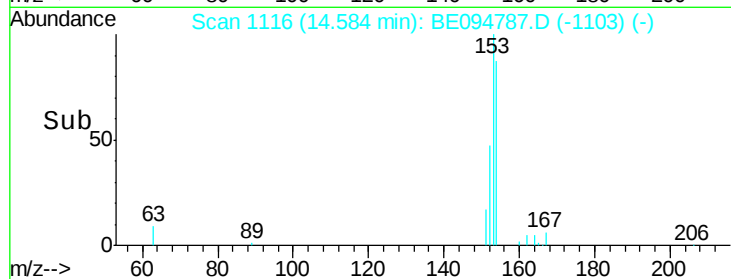
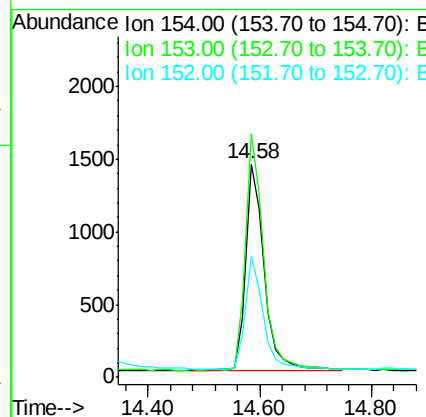
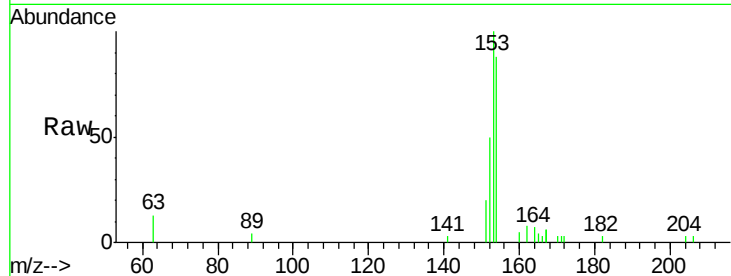




#17
Acenaphthene
Concen: 0.25 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

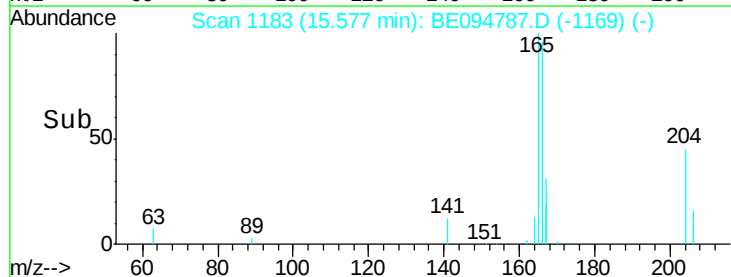
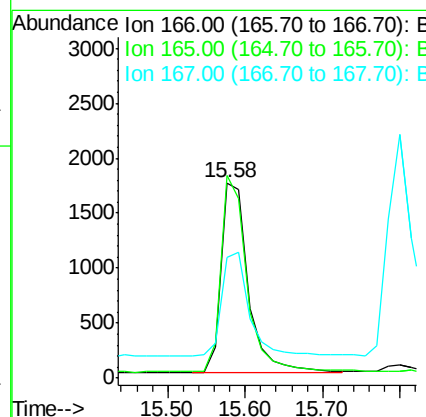
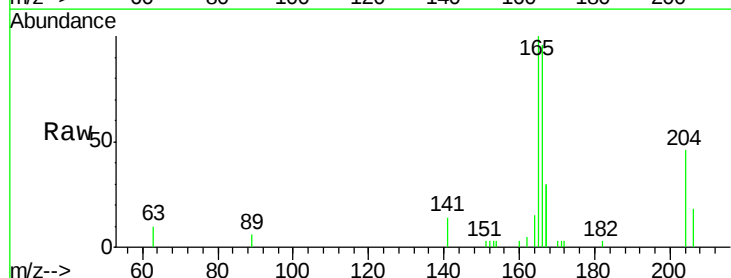
Instrument :
BNA_E
ClientSampleId :
PB103996BSD

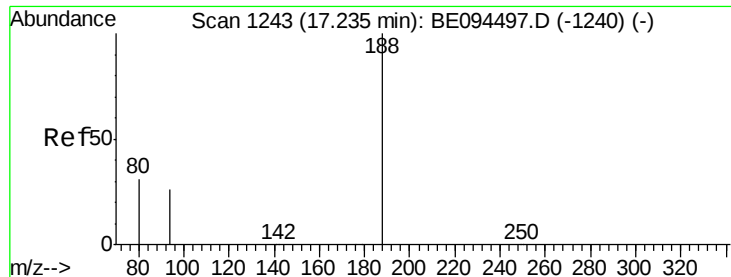
Tot Ion:154 Resp: 3269
Ion Ratio Lower Upper
154 100
153 112.0 89.2 133.8
152 51.9 42.0 63.0



#18
Fluorene
Concen: 0.25 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

Tgt Ion:166 Resp: 4210
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.6
167 55.3 42.4 63.6





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

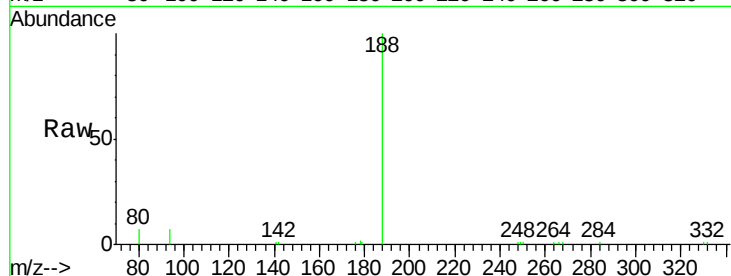
Tot Ion:188 Resp: 10080

Ion Ratio Lower Upper

188 100

94 6.9 3.9 5.9#

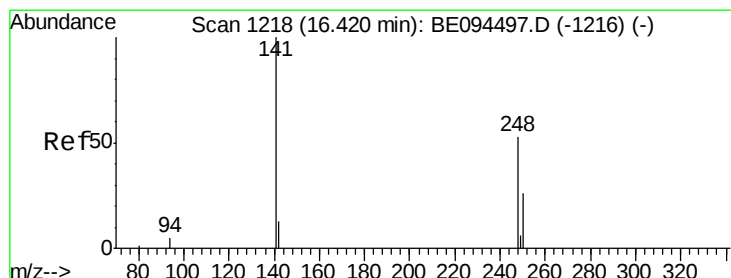
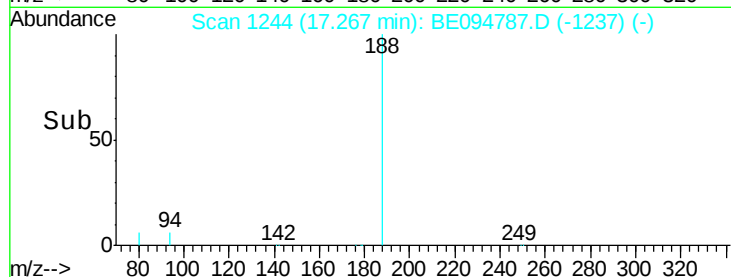
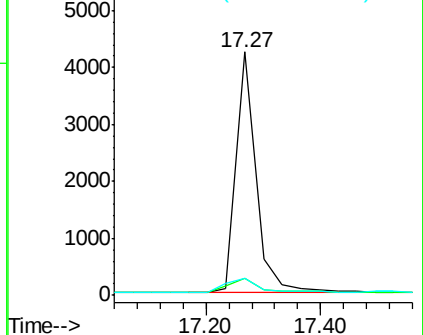
80 6.9 3.6 5.4#



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: 0.20 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.03 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

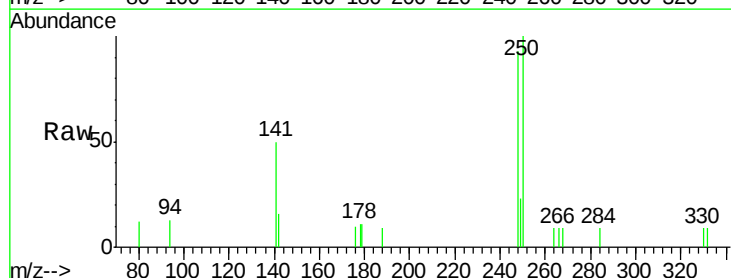
Tgt Ion:248 Resp: 1121

Ion Ratio Lower Upper

248 100

250 107.1 62.7 94.1#

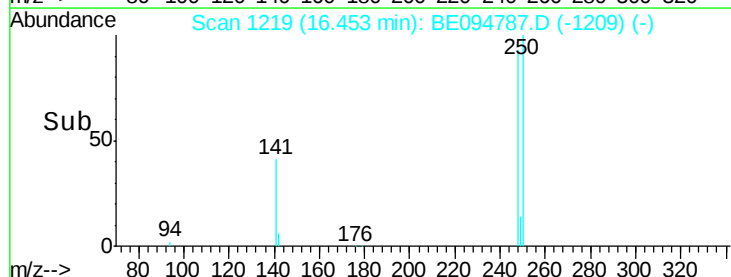
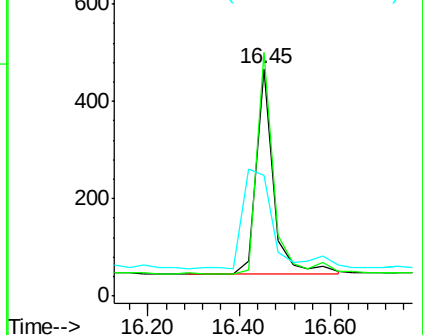
141 53.3 48.2 72.2

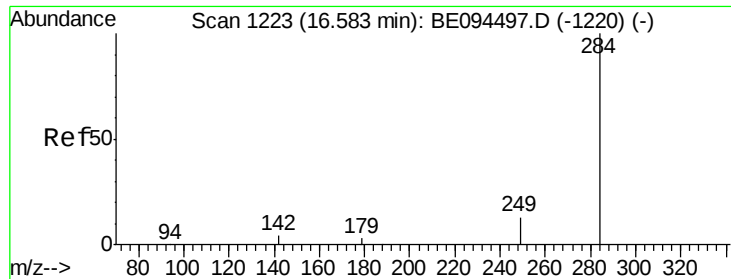


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

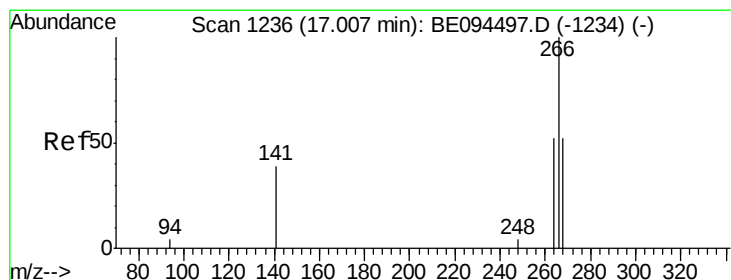
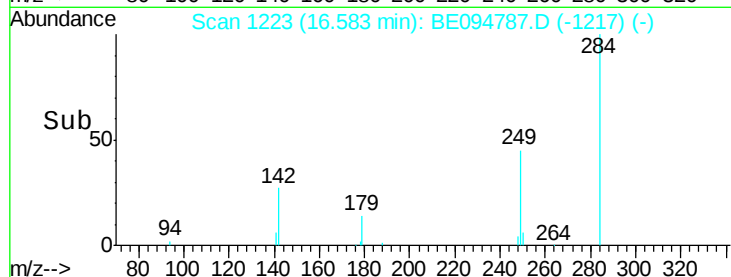
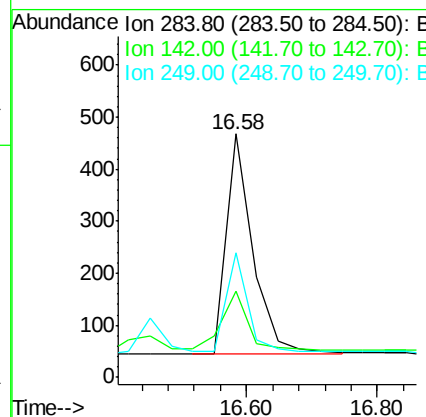
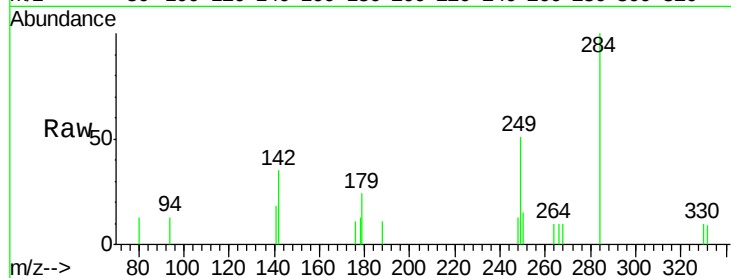




#21
Hexachlorobenzene
Concen: 0.25 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

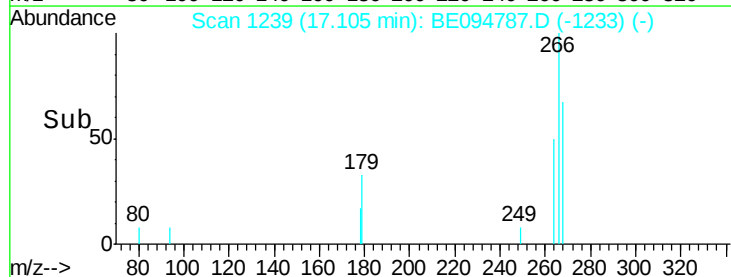
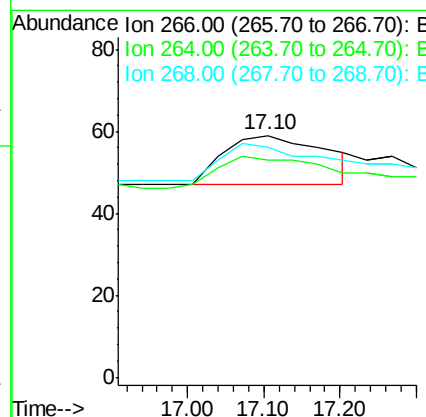
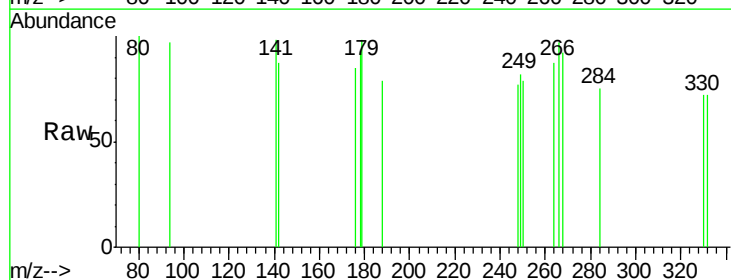
Instrument :
BNA_E
ClientSampleId :
PB103996BSD

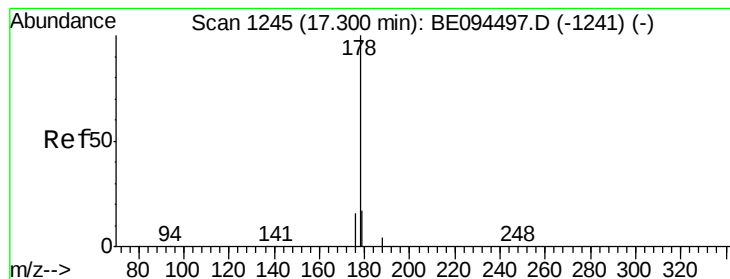
Tot Ion:284 Resp: 1189
Ion Ratio Lower Upper
284 100
142 27.0 22.1 33.1
249 37.2 34.8 52.2



#22
Pentachlorophenol
Concen: 0.18 ng
RT: 17.10 min Scan# 1239
Delta R.T. 0.10 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

Tgt Ion:266 Resp: 111
Ion Ratio Lower Upper
266 100
264 89.8 72.5 108.7
268 94.9 73.8 110.6





#23

Phenanthrene

Concen: 0.27 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

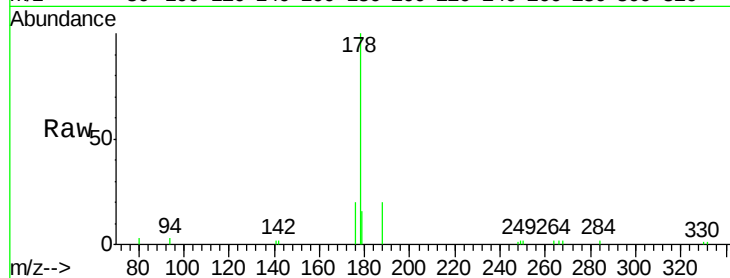
BNA_E

ClientSampleId :

PB103996BSD

Tot Ion:178 Resp: 7727

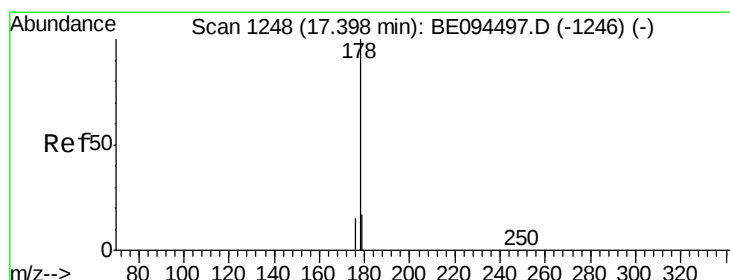
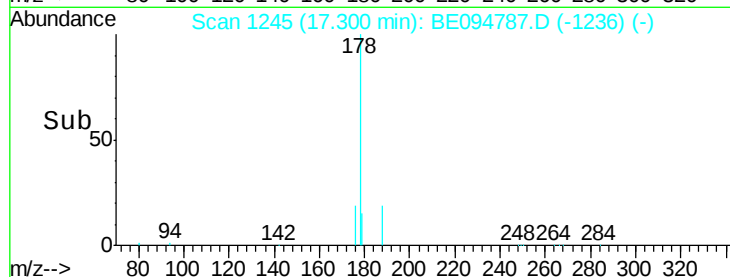
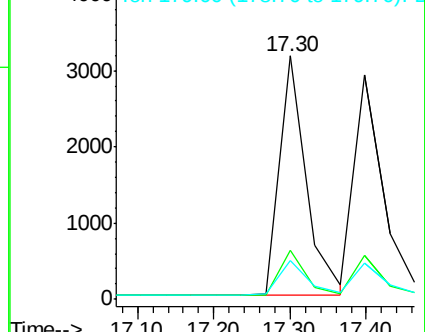
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	11.8	17.6



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

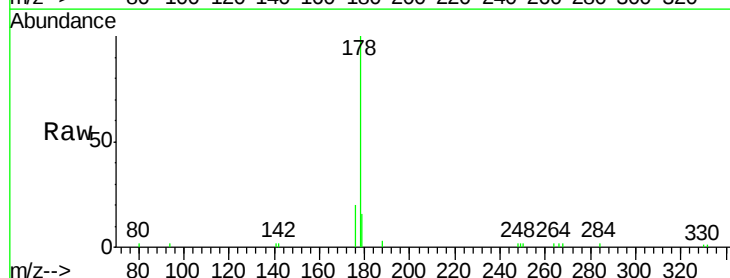
Delta R.T. -0.00 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Tgt Ion:178 Resp: 7655

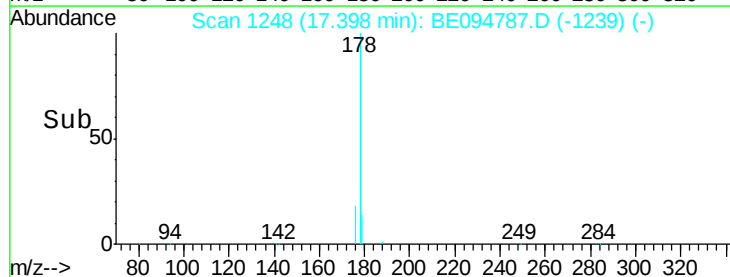
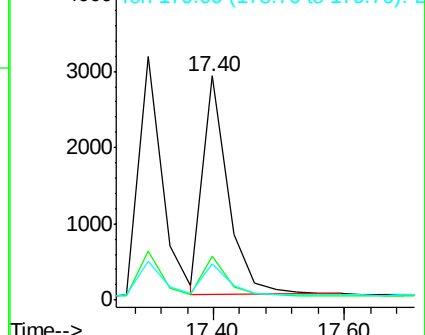
Ion	Ratio	Lower	Upper
178	100		
176	17.8	12.8	19.2
179	15.1	13.0	19.6

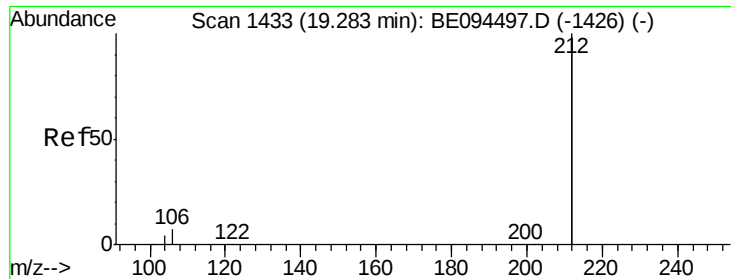


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

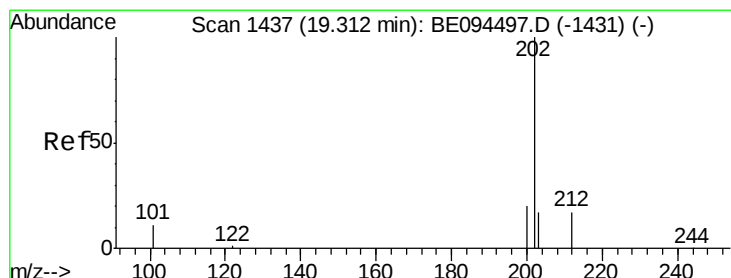
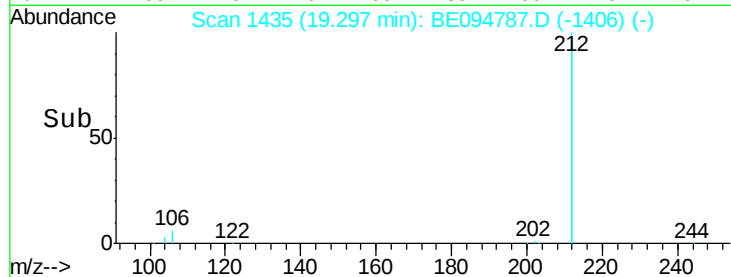
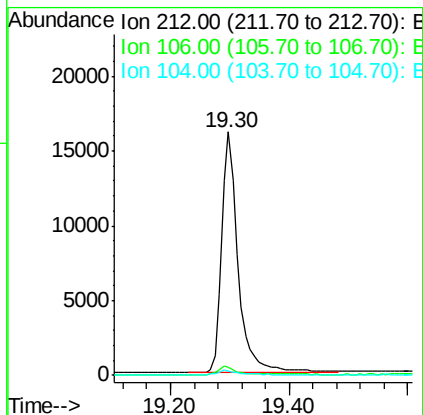
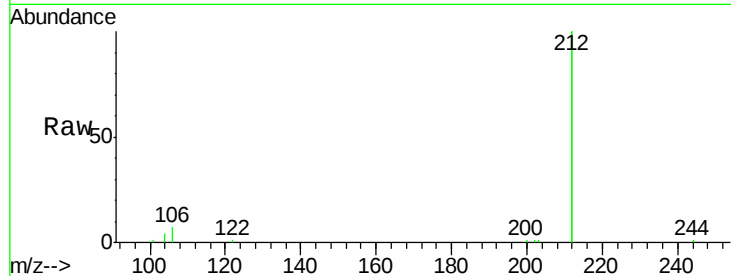




#25
 Fluoranthene-d10
 Concen: 0.21 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.02 min
 Lab File: BE094787.D
 Acq: 8 Nov 2017 17:45

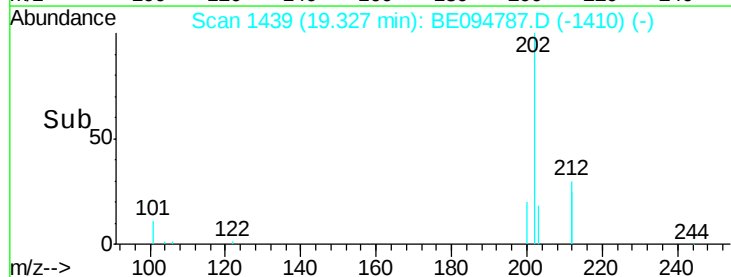
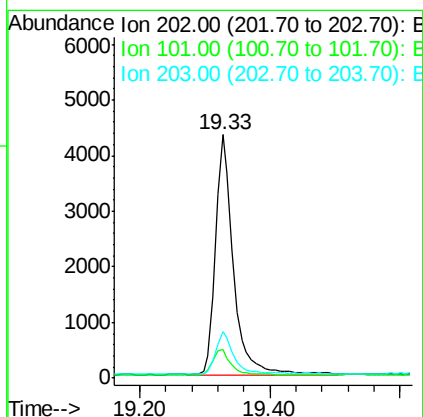
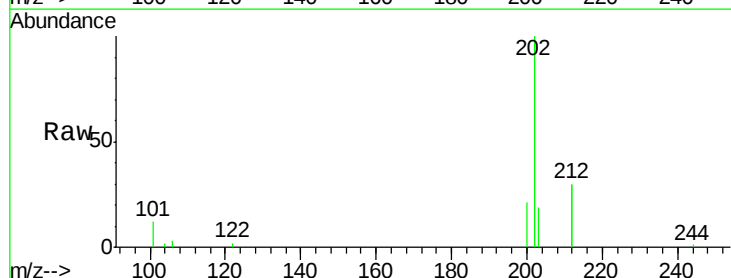
Instrument :
 BNA_E
 ClientSampleId :
 PB103996BSD

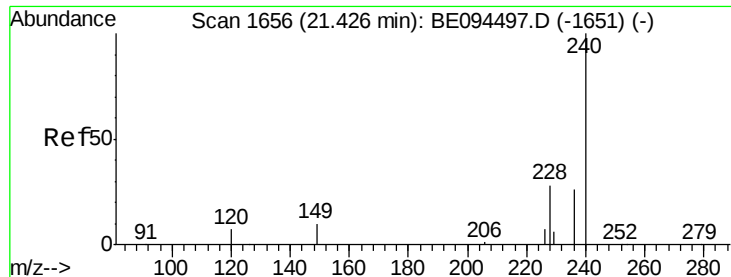
Tot Ion:212 Resp: 30693
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.18 ng
 RT: 19.33 min Scan# 1439
 Delta R.T. 0.02 min
 Lab File: BE094787.D
 Acq: 8 Nov 2017 17:45

Tgt Ion:202 Resp: 8259
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.8 14.8
 203 17.0 13.7 20.5

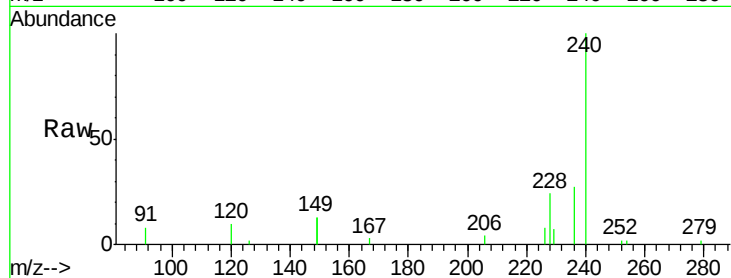




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

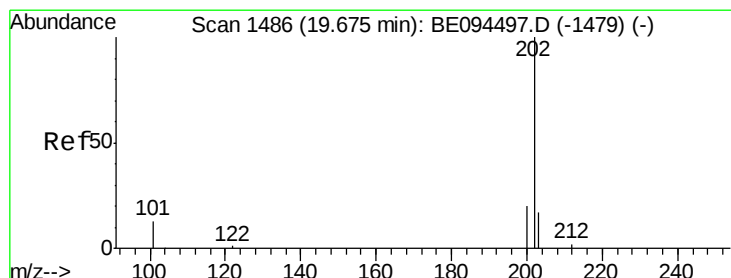
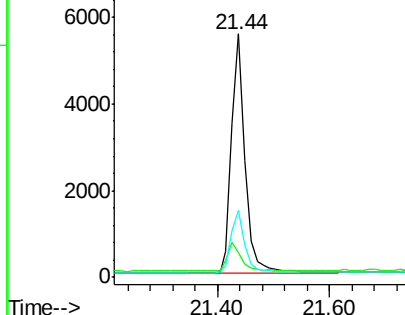
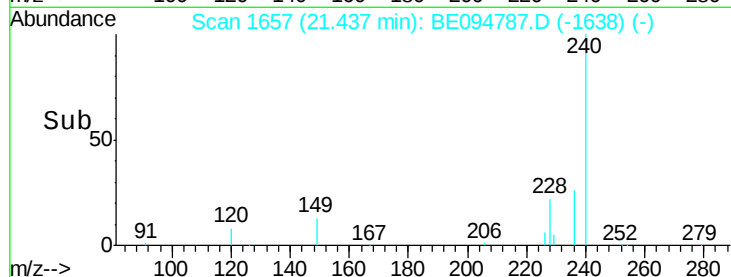
Instrument :
BNA_E
ClientSampleId :
PB103996BSD

Tot Ion:240 Resp: 9215
Ion Ratio Lower Upper
240 100
120 10.4 5.5 8.3#
236 27.5 20.7 31.1



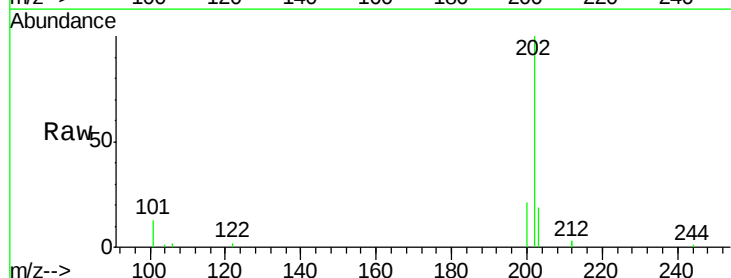
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.44



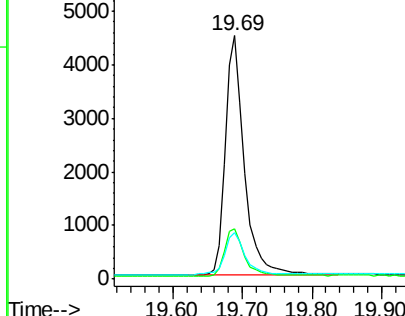
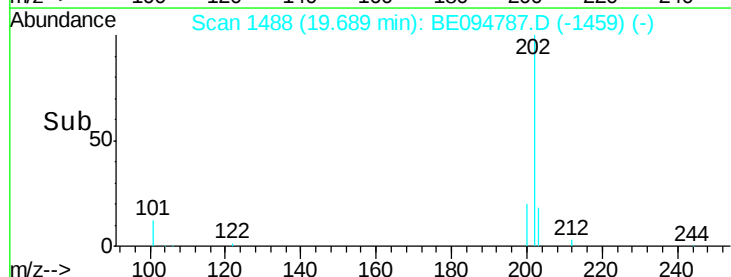
#28
Pyrene
Concen: 0.26 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

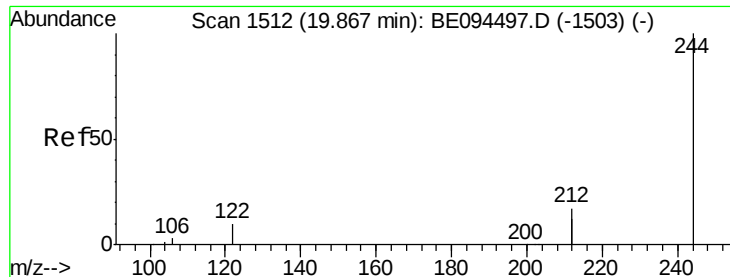
Tgt Ion:202 Resp: 8418
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 18.7 13.8 20.8



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

19.69





#29

Terphenyl-d14

Concen: 0.30 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

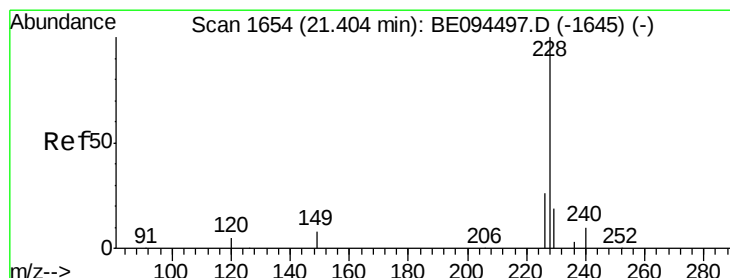
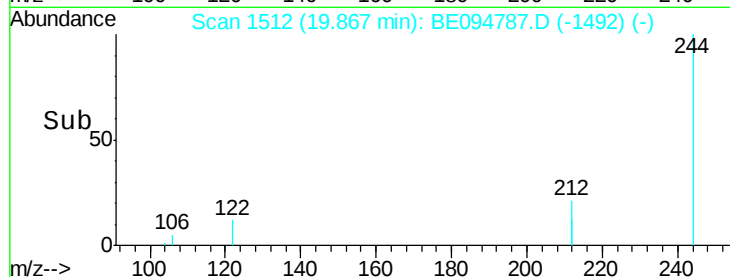
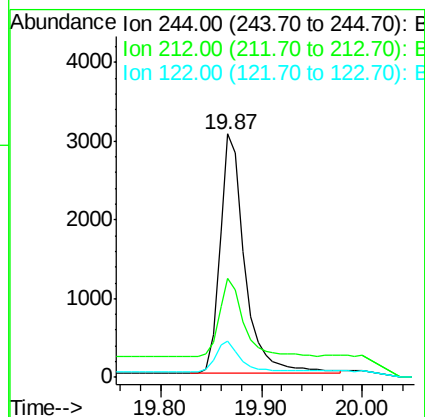
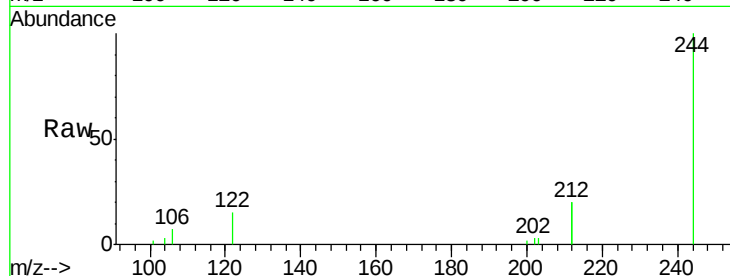
Tot Ion:244 Resp: 5182

Ion Ratio Lower Upper

244 100

212 40.9 25.4 38.0#

122 14.7 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.27 ng

RT: 21.41 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

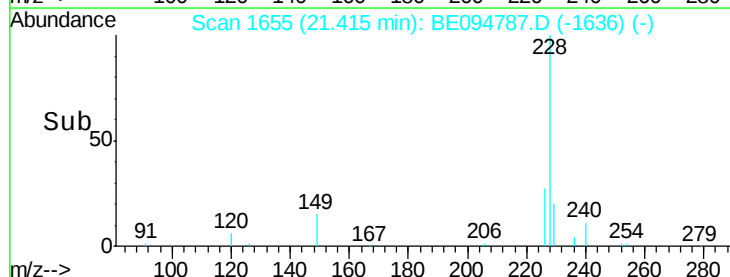
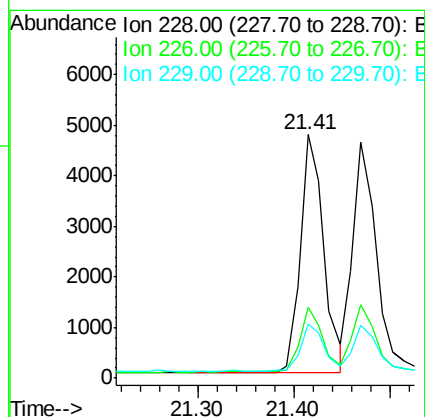
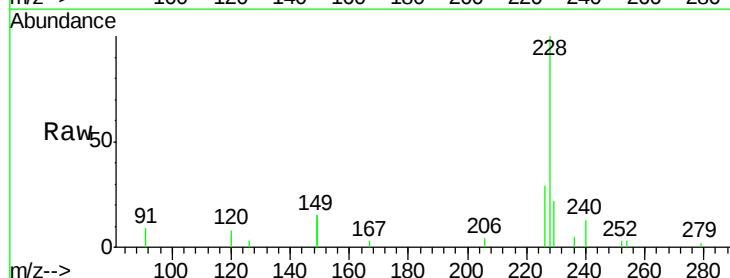
Tgt Ion:228 Resp: 8145

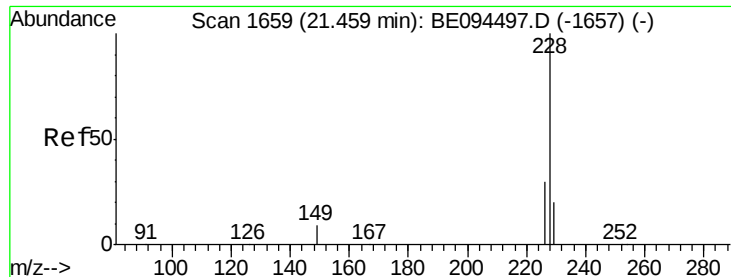
Ion Ratio Lower Upper

228 100

226 29.0 40.0 60.0#

229 22.3 40.0 60.0#





#31

Chrysene

Concen: 0.26 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

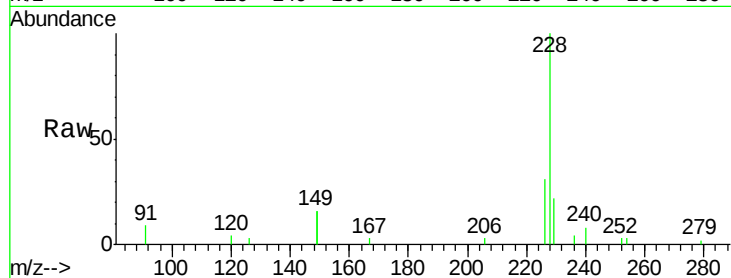
Tot Ion:228 Resp: 7935

Ion Ratio Lower Upper

228 100

226 30.9 40.0 60.0#

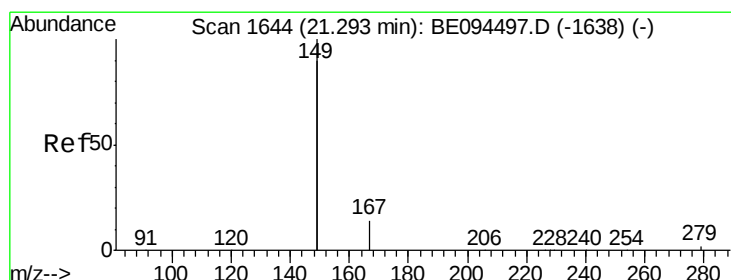
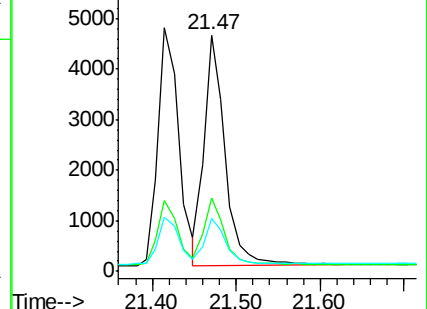
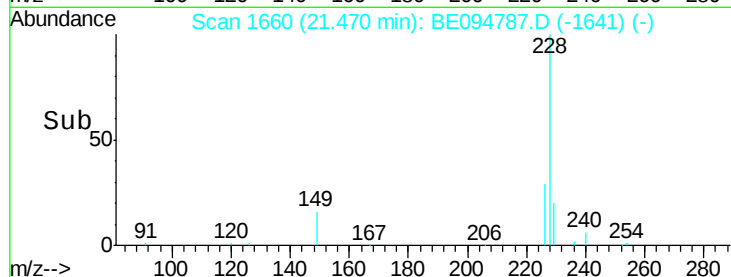
229 22.5 40.0 60.0#



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: 0.28 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

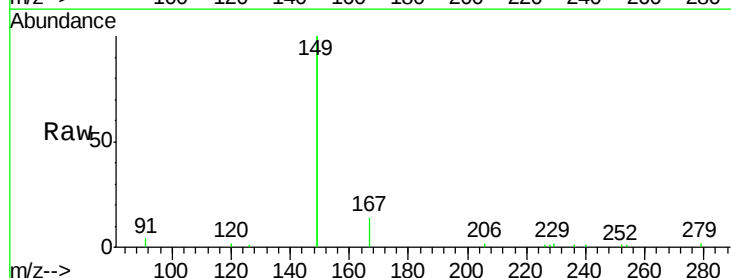
Tgt Ion:149 Resp: 20290

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

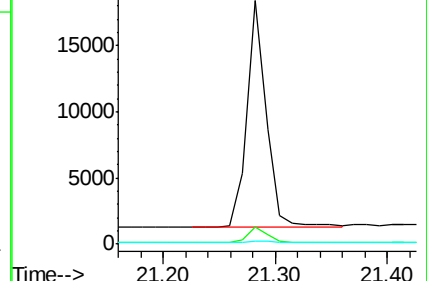
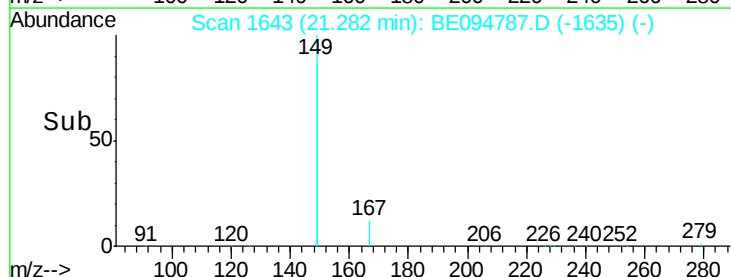
279 1.0 0.7 1.1

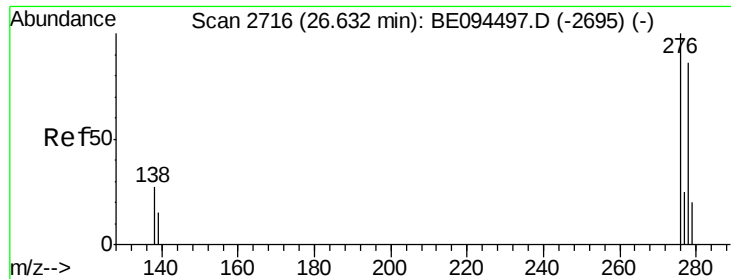


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

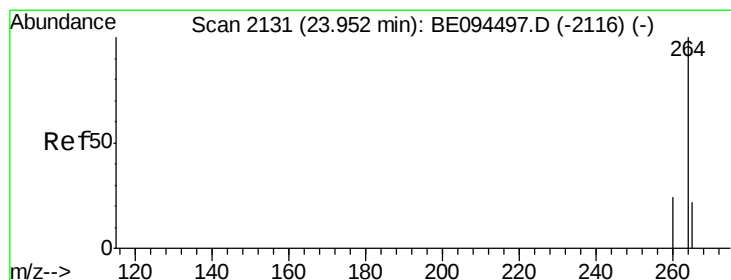
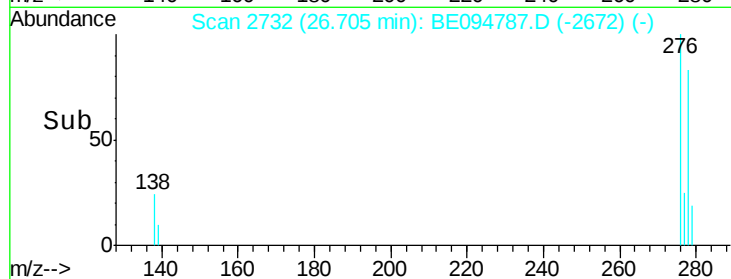
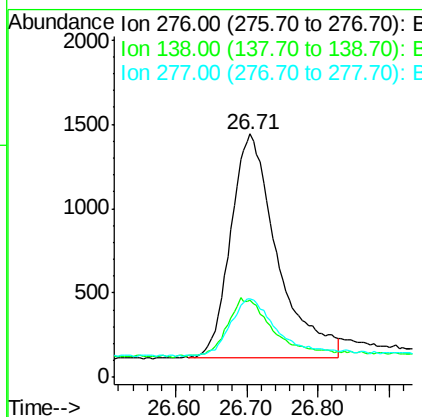
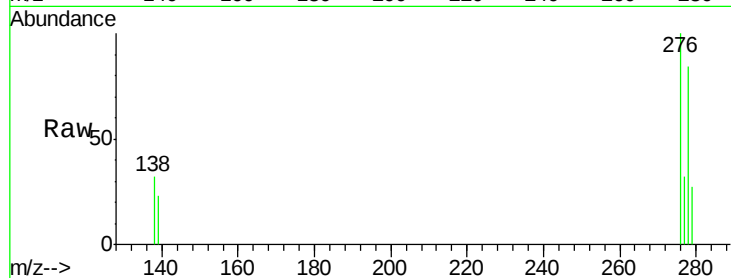




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 26.71 min Scan# 2732
Delta R.T. 0.07 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

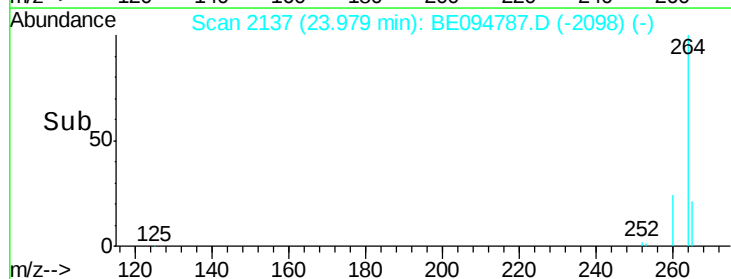
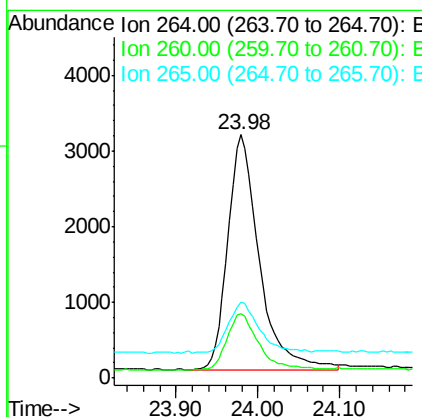
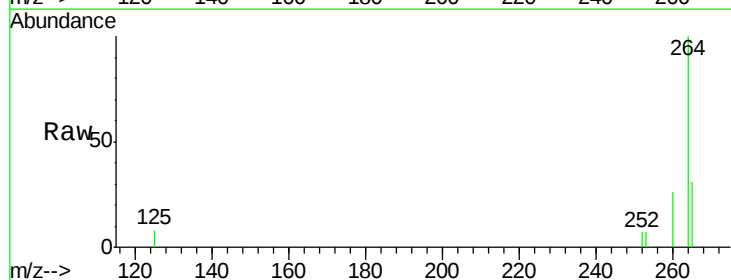
Instrument :
BNA_E
ClientSampleId :
PB103996BSD

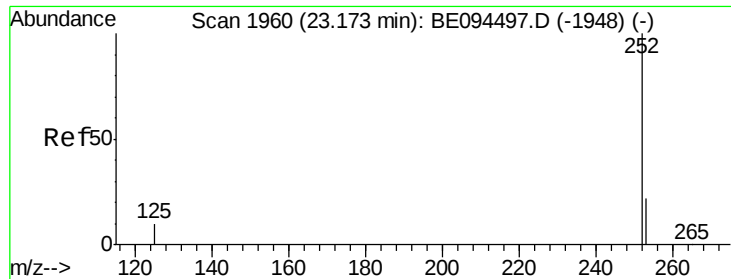
Tot Ion:276 Resp: 6047
Ion Ratio Lower Upper
276 100
138 25.4 22.5 33.7
277 25.9 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.98 min Scan# 2137
Delta R.T. 0.03 min
Lab File: BE094787.D
Acq: 8 Nov 2017 17:45

Tgt Ion:264 Resp: 8273
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 31.0 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.26 ng

RT: 23.20 min Scan# 1965

Delta R.T. 0.02 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

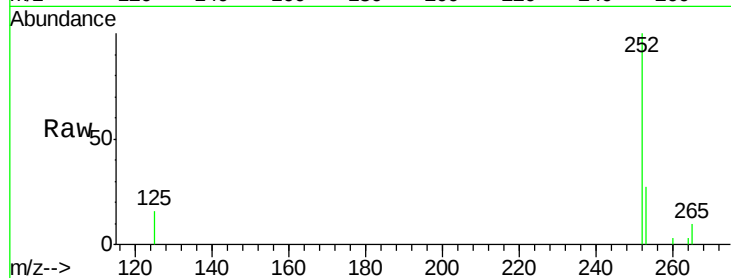
Tot Ion:252 Resp: 7089

Ion Ratio Lower Upper

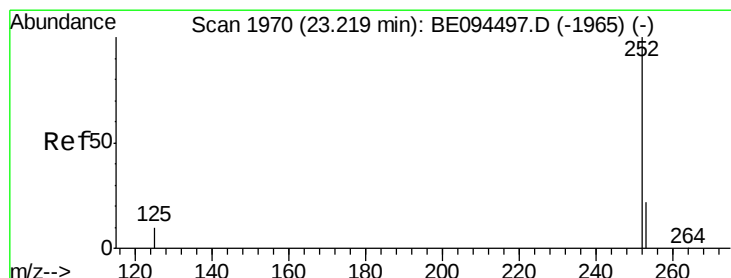
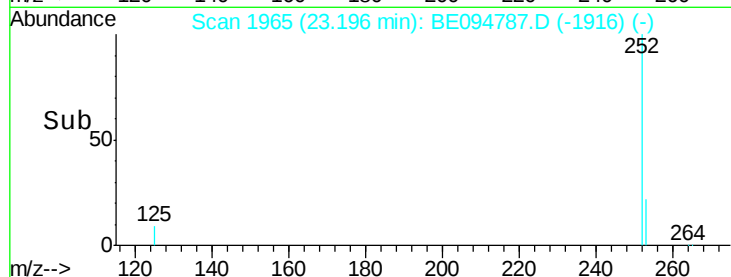
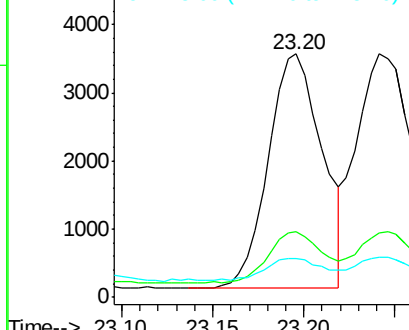
252 100

253 26.9 48.0 72.0#

125 16.2 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: 0.29 ng

RT: 23.24 min Scan# 1975

Delta R.T. 0.02 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

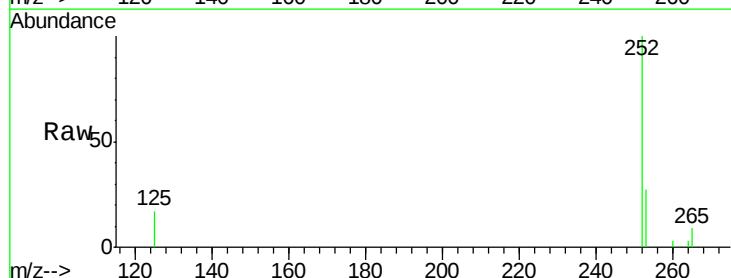
Tgt Ion:252 Resp: 8304

Ion Ratio Lower Upper

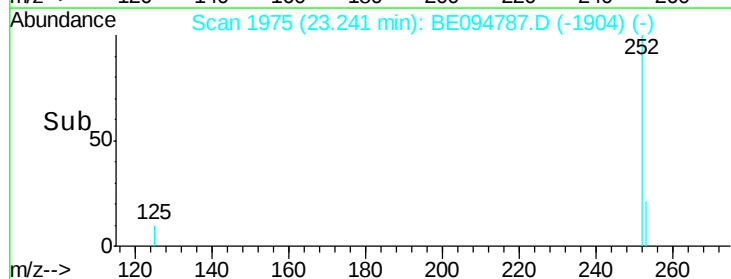
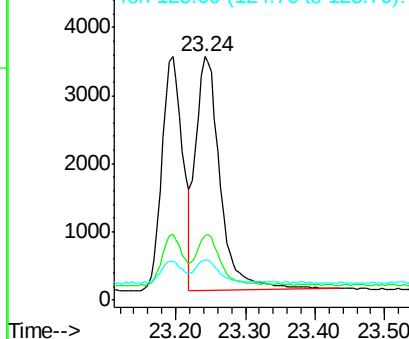
252 100

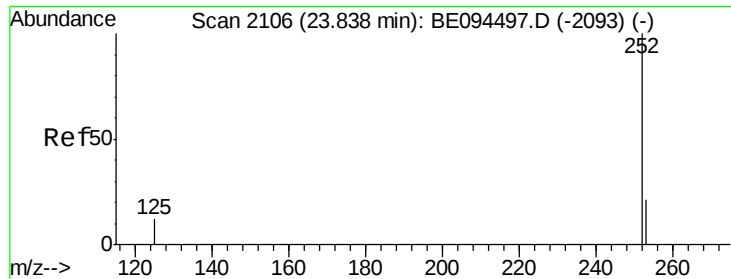
253 26.5 48.0 72.0#

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: 0.28 ng

RT: 23.87 min Scan# 2113

Delta R.T. 0.03 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD

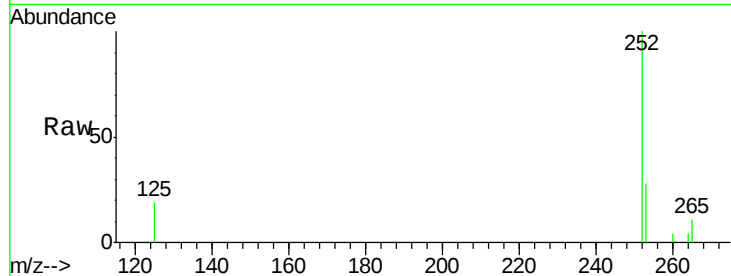
Tot Ion:252 Resp: 7266

Ion Ratio Lower Upper

252 100

253 27.7 52.0 78.0#

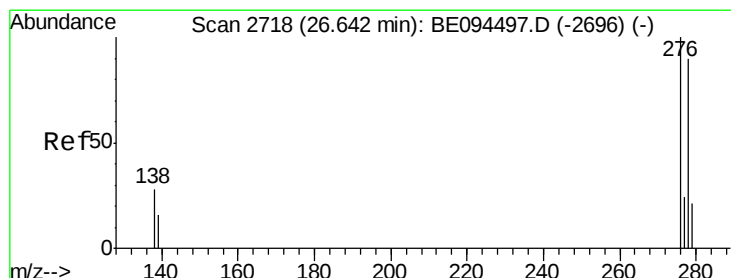
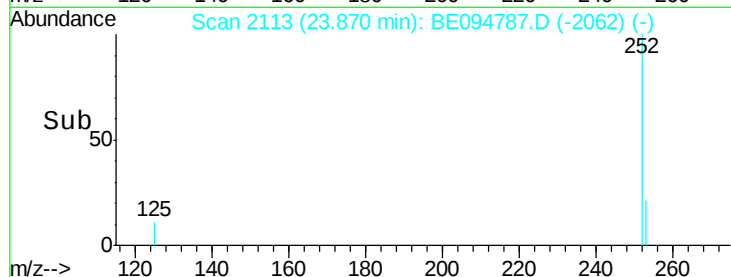
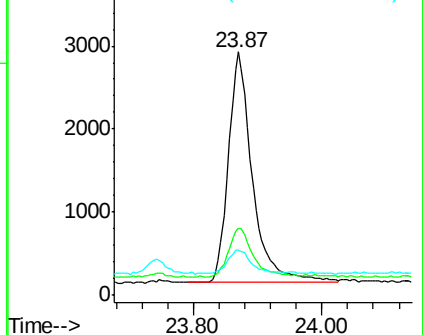
125 18.7 68.0 102.0#



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: 0.24 ng

RT: 26.69 min Scan# 2729

Delta R.T. 0.05 min

Lab File: BE094787.D

Acq: 8 Nov 2017 17:45

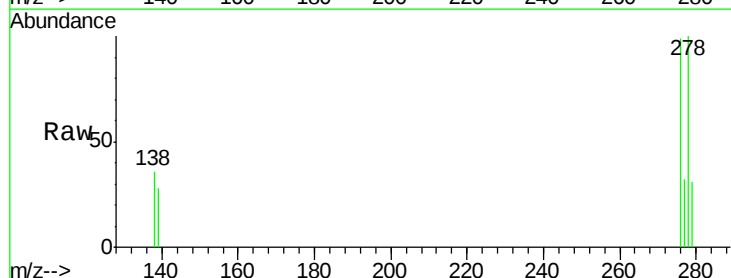
Tgt Ion:278 Resp: 5586

Ion Ratio Lower Upper

278 100

139 28.0 56.0 84.0#

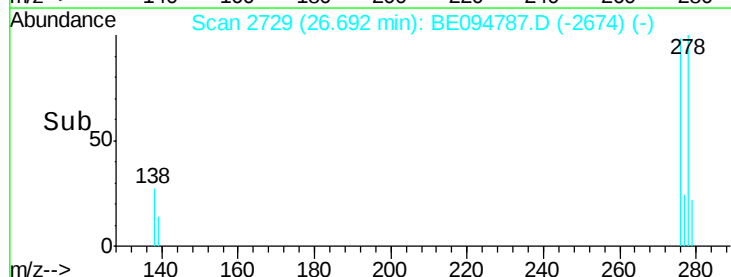
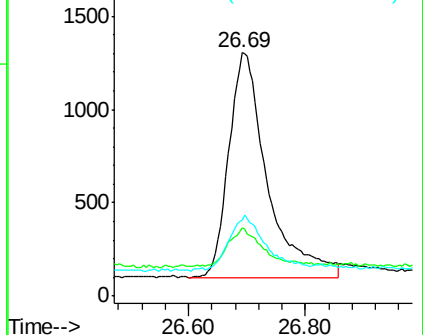
279 31.2 52.0 78.0#

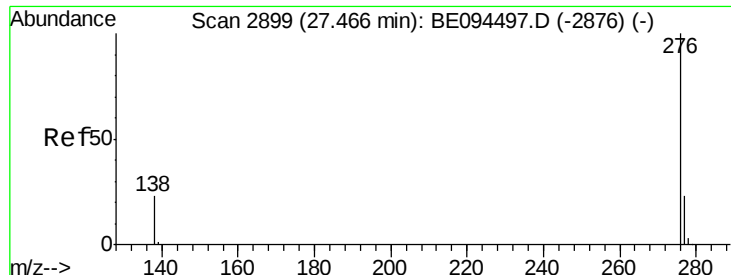


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.21 ng

RT: 27.55 min Scan# 2917

Delta R.T. 0.08 min

Lab File: BE094787.D

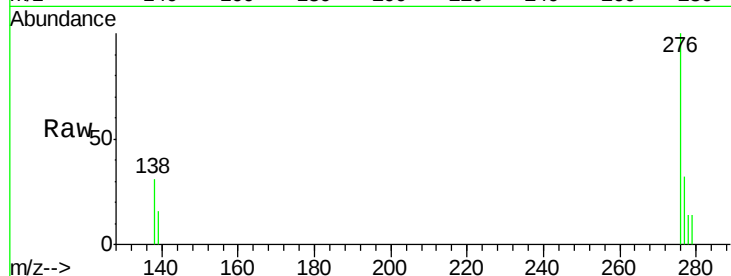
Acq: 8 Nov 2017 17:45

Instrument :

BNA_E

ClientSampleId :

PB103996BSD



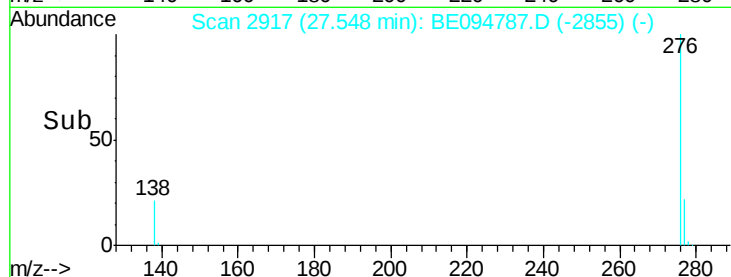
Tot Ion: 276 Resp: 4533

Ion Ratio Lower Upper

276 100

277 32.2 52.0 78.0#

138 31.1 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

