

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110217\
 Data File : BE094698.D
 Acq On : 2 Nov 2017 16:51
 Operator : SJ/JU
 Sample : PB103598BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103598BSD

Quant Time: Nov 02 18:17:20 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	965	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	5442	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	3344	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7518	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8412	0.40	ng	0.01
34) Perylene-d12	23.97	264	7589	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.56	112	698	0.21	ng	0.04
5) Phenol-d6	7.21	99	1142	0.23	ng	0.08
8) Nitrobenzene-d5	9.13	82	988	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	12.31	152	3084	0.35	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	178	0.19	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3186	0.27	ng	0.02
25) Fluoranthene-d10	19.30	212	26546	0.26	ng	0.02
29) Terphenyl-d14	19.87	244	4053	0.26	ng	0.00

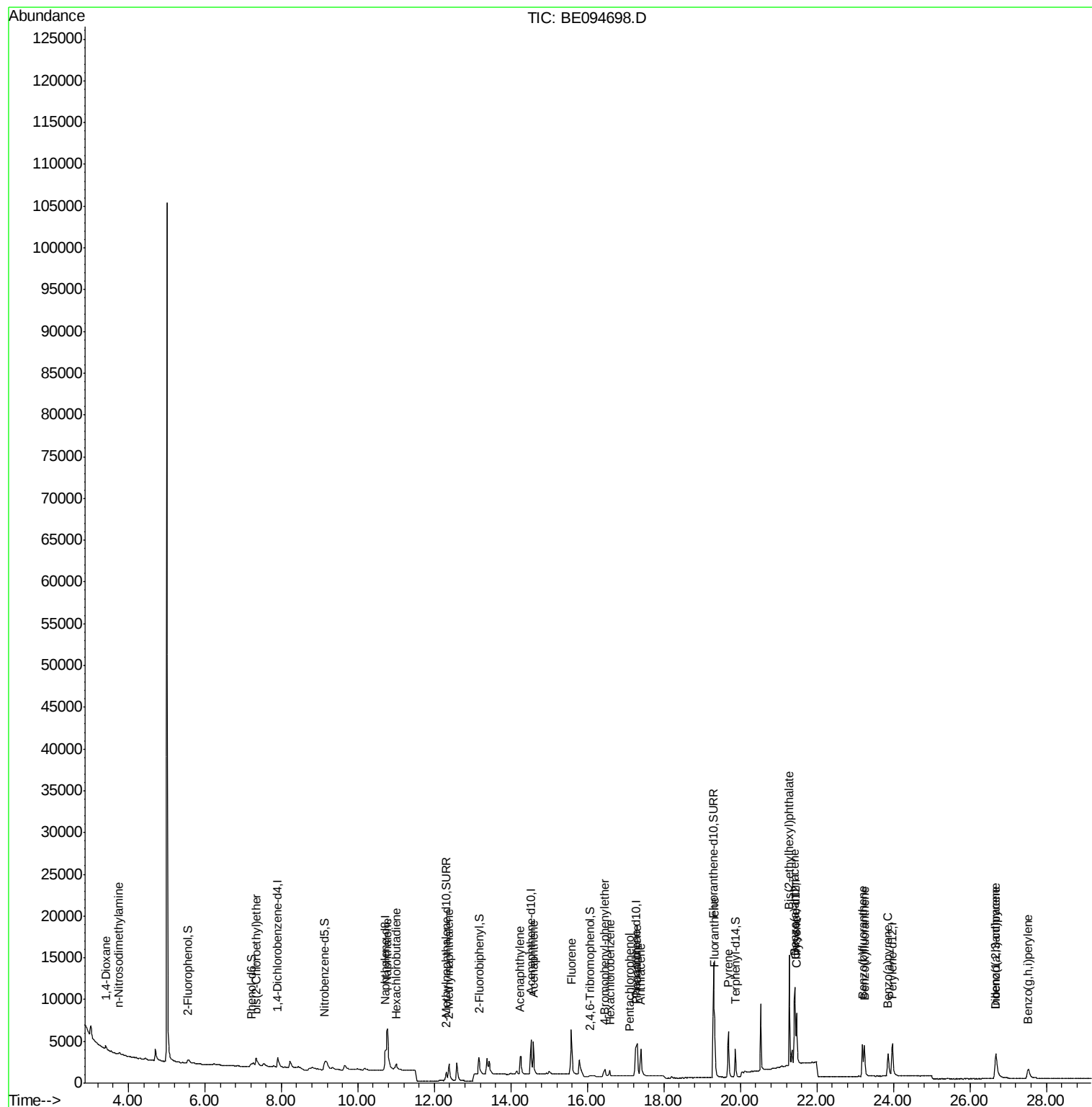
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	378	0.231	ng	# 3
3) n-Nitrosodimethylamine	3.75	42	287	0.184	ng	# 60
6) bis(2-Chloroethyl)ether	7.35	93	873	0.226	ng	# 66
9) Naphthalene	10.77	128	14440	0.234	ng	98
10) Hexachlorobutadiene	11.01	225	563	0.253	ng	95
12) 2-Methylnaphthalene	12.38	142	2589	0.248	ng	98
16) Acenaphthylene	14.24	152	4154	0.235	ng	99
17) Acenaphthene	14.59	154	2692	0.237	ng	99
18) Fluorene	15.58	166	3477	0.239	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	831	0.203	ng	# 71
21) Hexachlorobenzene	16.58	284	1146	0.319	ng	# 64
22) Pentachlorophenol	17.11	266	33	0.072	ng	94
23) Phenanthrene	17.30	178	6386	0.305	ng	97
24) Anthracene	17.40	178	6063	0.274	ng	98
26) Fluoranthene	19.33	202	6929	0.212	ng	98
28) Pyrene	19.68	202	7134	0.242	ng	98
30) Benzo(a)anthracene	21.42	228	6996	0.255	ng	# 62
31) Chrysene	21.47	228	6759	0.243	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.28	149	16403	0.244	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	5263	0.205	ng	99
35) Benzo(b)fluoranthene	23.19	252	6143	0.250	ng	# 43
36) Benzo(k)fluoranthene	23.24	252	6769	0.259	ng	# 43
37) Benzo(a)pyrene	23.86	252	6142	0.258	ng	# 38
38) Dibenzo(a,h)anthracene	26.68	278	4737	0.221	ng	# 51
39) Benzo(g,h,i)perylene	27.52	276	4068	0.203	ng	# 60

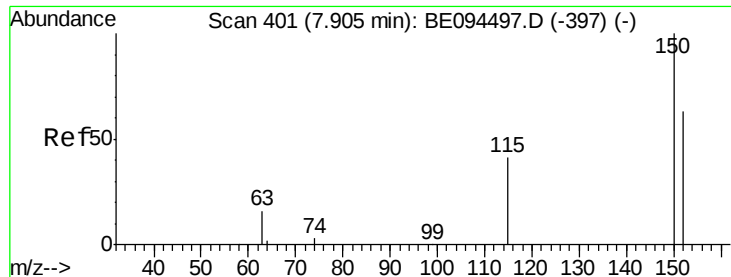
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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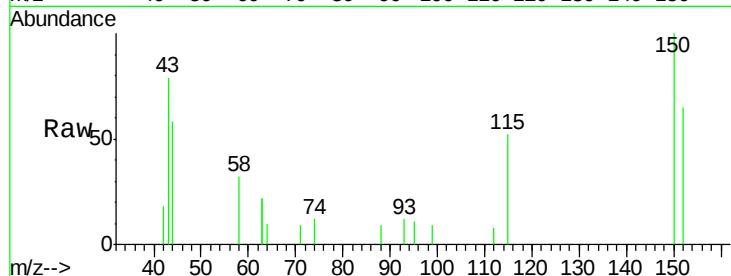


#1

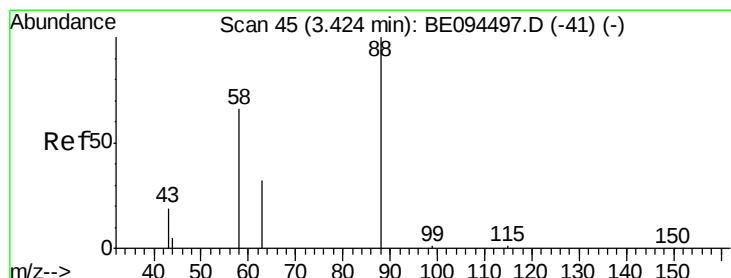
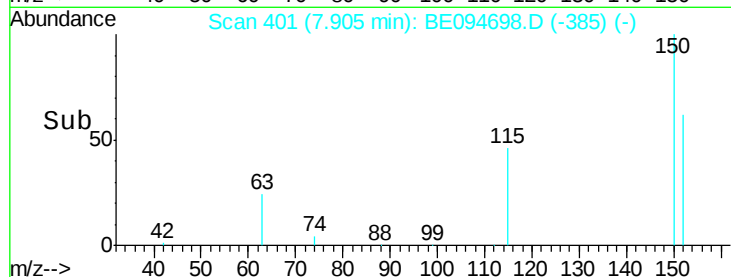
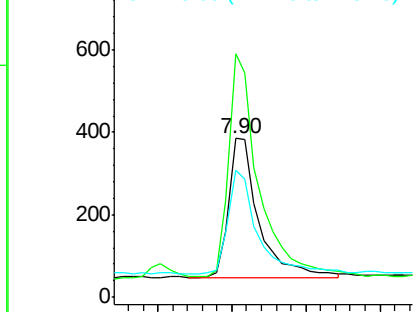
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094698.D
Acq: 2 Nov 2017 16:51

Instrument :
BNA_E
ClientSampleId :
PB103598BSD

Tgt Ion: 152 Resp: 965
Ion Ratio Lower Upper
152 100
150 153.5 117.2 175.8
115 80.3 57.0 85.6



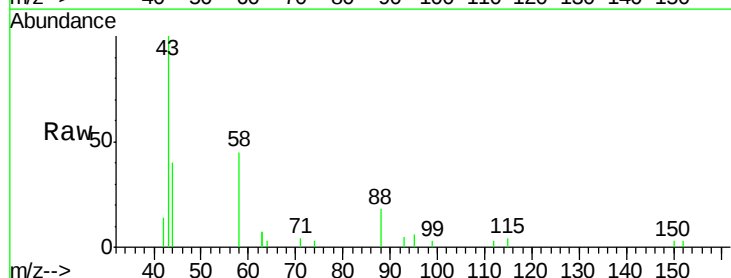
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



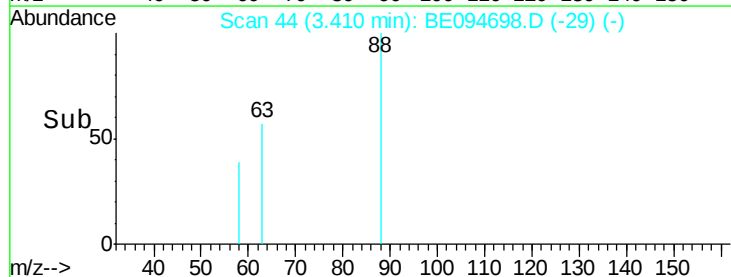
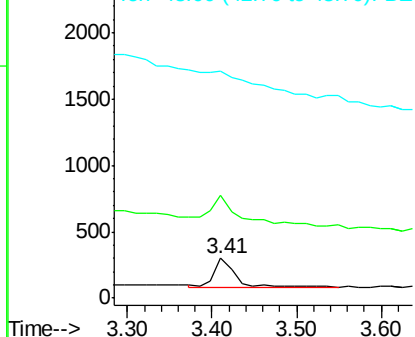
#2

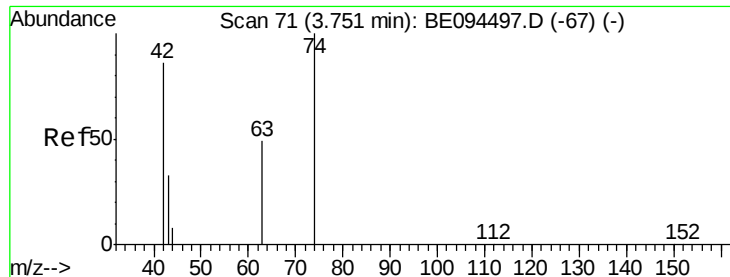
1,4-Dioxane
Concen: 0.231 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094698.D
Acq: 2 Nov 2017 16:51

Tgt Ion: 88 Resp: 378
Ion Ratio Lower Upper
88 100
58 177.8 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





#3

n-Nitrosodimethylamine

Concen: 0.184 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

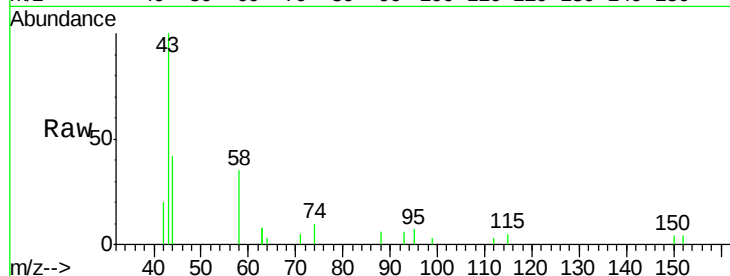
Tgt Ion: 42 Resp: 287

Ion Ratio Lower Upper

42 100

74 170.0 100.3 150.5#

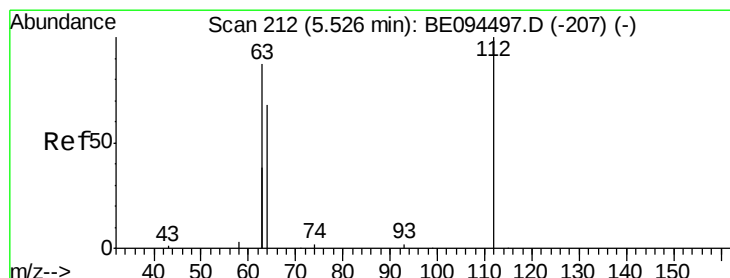
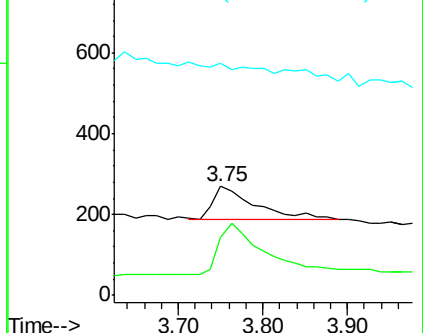
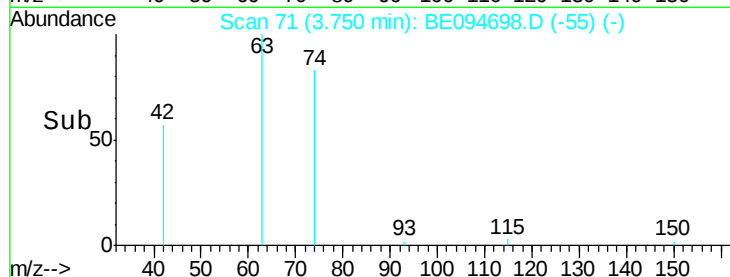
44 0.0 17.0 25.4#



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: 0.211 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

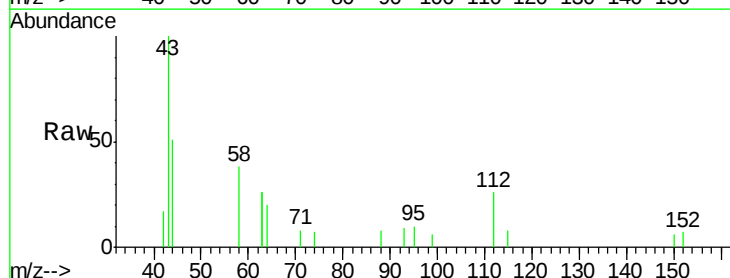
Tgt Ion: 112 Resp: 698

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

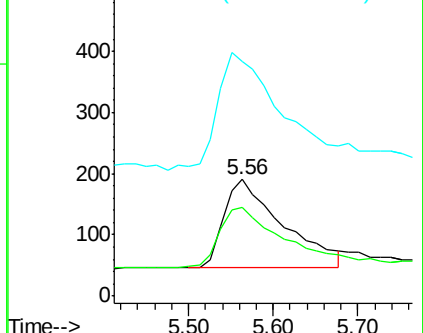
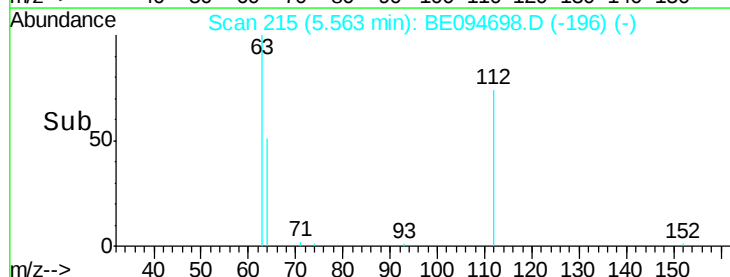
63 146.3 116.8 175.2

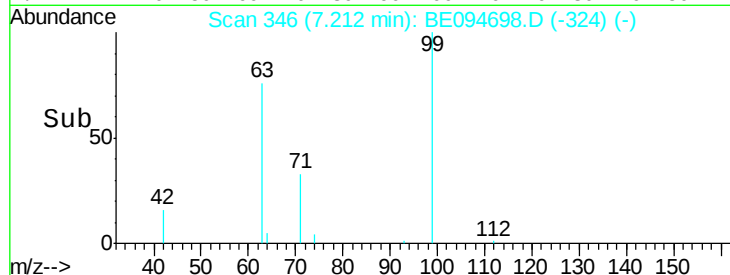
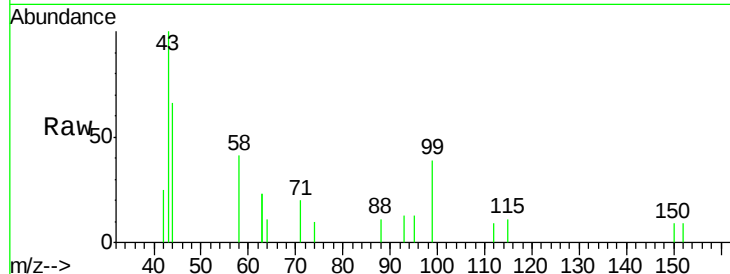
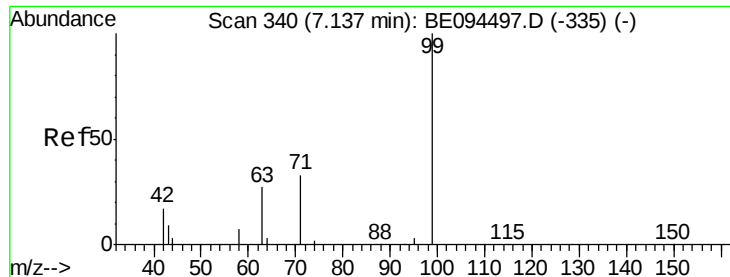


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.229 ng

RT: 7.21 min Scan# 346

Delta R.T. 0.08 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

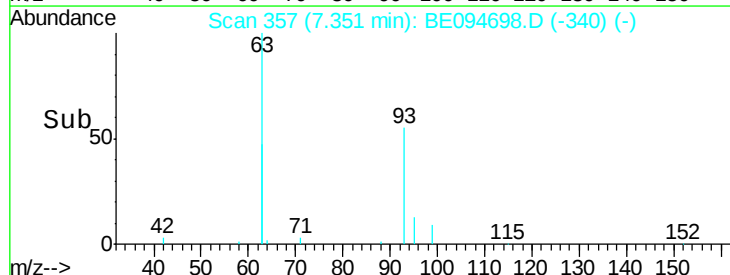
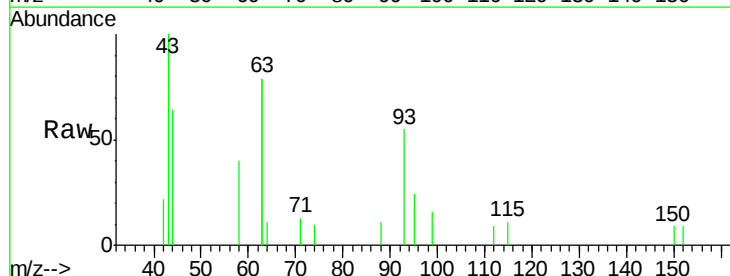
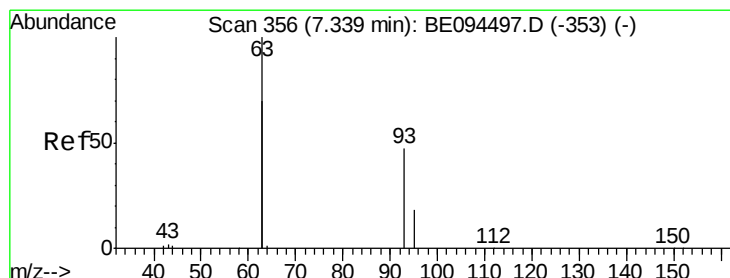
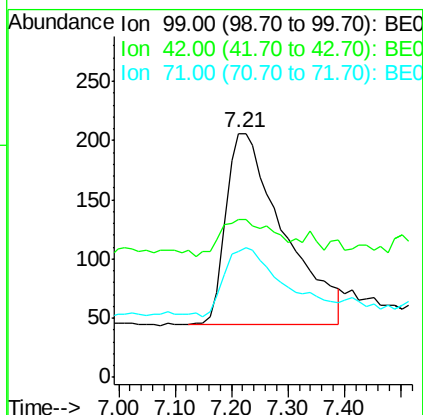
Tgt Ion: 99 Resp: 1142

Ion Ratio Lower Upper

99 100

42 17.8 20.2 30.2#

71 38.4 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.226 ng

RT: 7.35 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

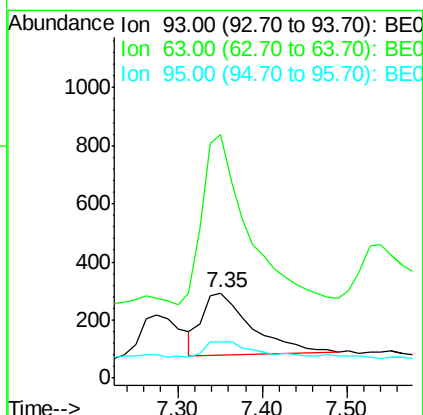
Tgt Ion: 93 Resp: 873

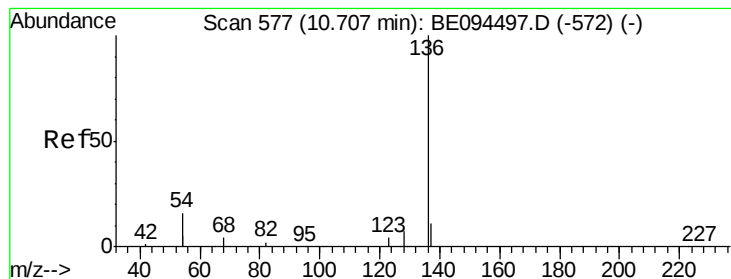
Ion Ratio Lower Upper

93 100

63 267.5 275.3 412.9#

95 25.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

Tgt Ion: 136 Resp: 5442

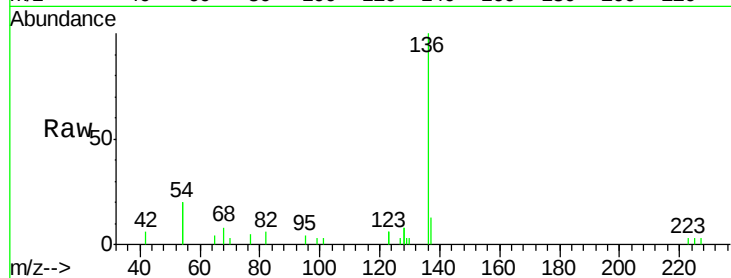
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 39.1 29.1 43.7

68 8.4 6.2 9.2

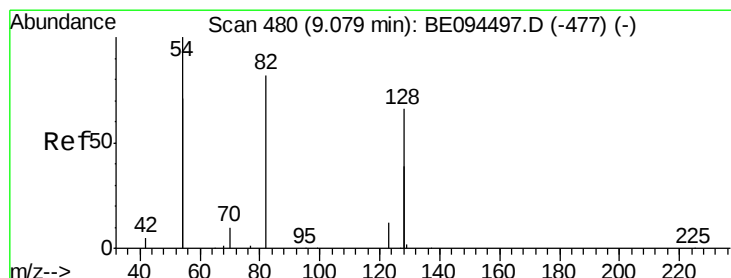
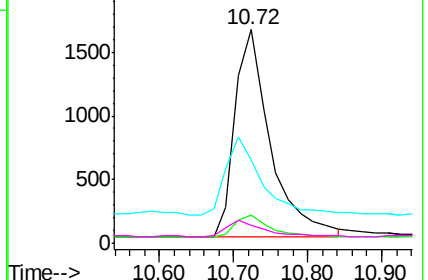
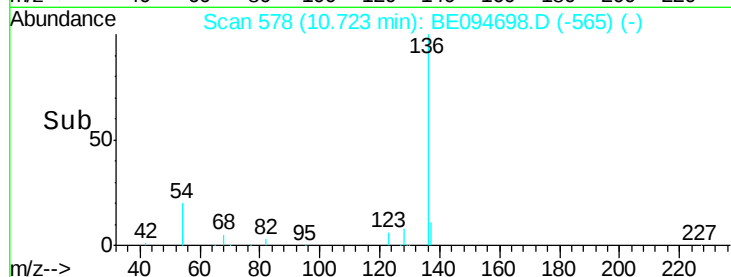


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.227 ng

RT: 9.13 min Scan# 483

Delta R.T. 0.05 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

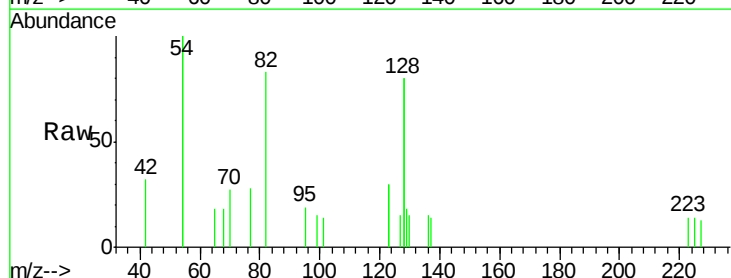
Tgt Ion: 82 Resp: 988

Ion Ratio Lower Upper

82 100

128 194.1 150.0 225.0

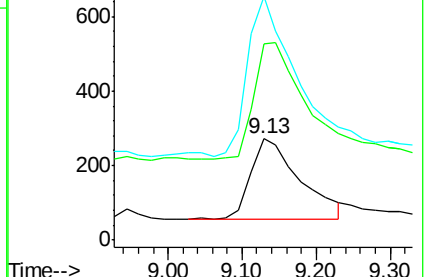
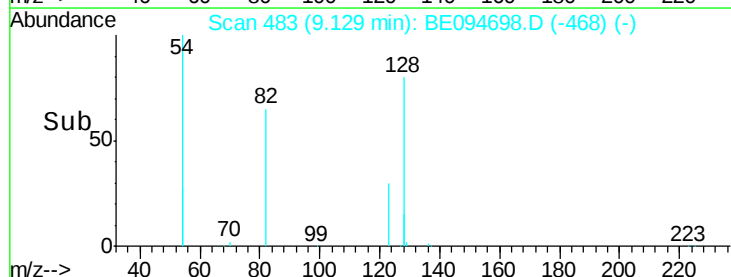
54 241.3 154.2 231.4#

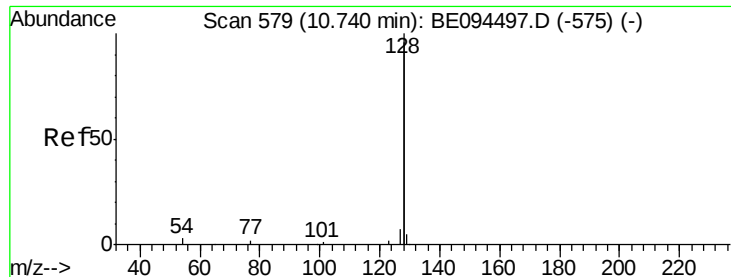


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.234 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.03 min

Lab File: BE094698.D

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ClientSampleId :

PB103598BSD

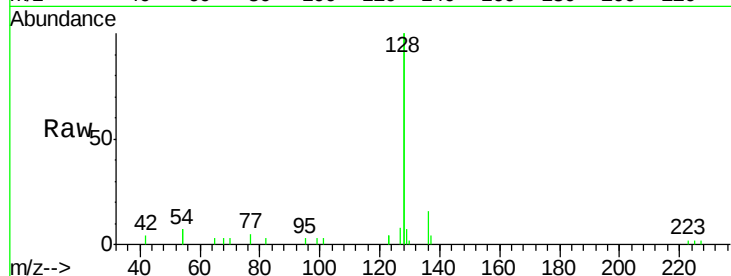
Tgt Ion:128 Resp: 14440

Ion Ratio Lower Upper

128 100

129 3.7 2.6 3.8

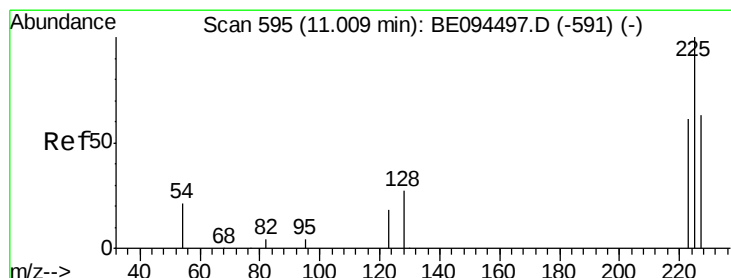
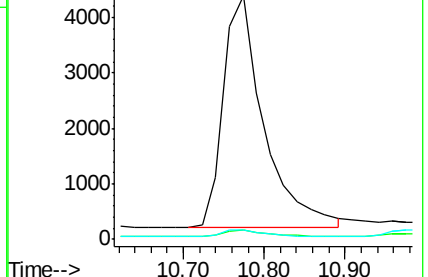
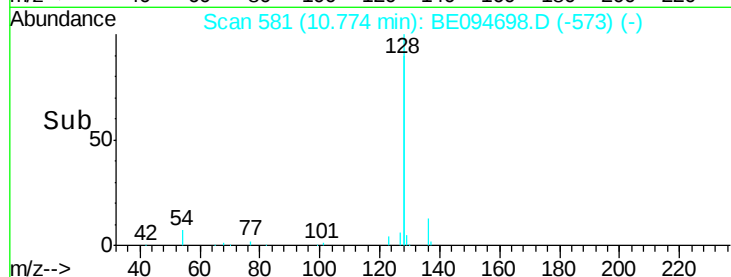
127 4.1 2.8 4.2



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: 0.253 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

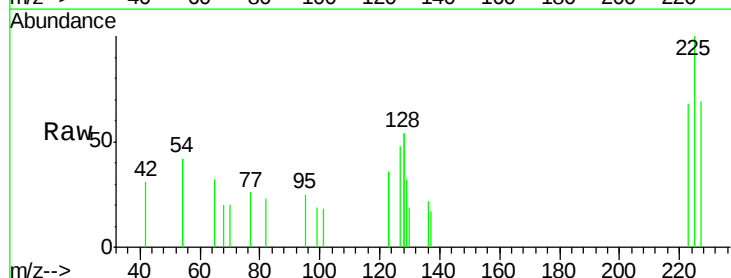
Tgt Ion:225 Resp: 563

Ion Ratio Lower Upper

225 100

223 61.1 53.0 79.6

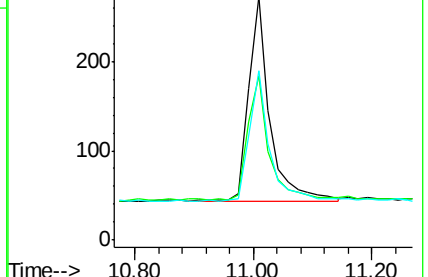
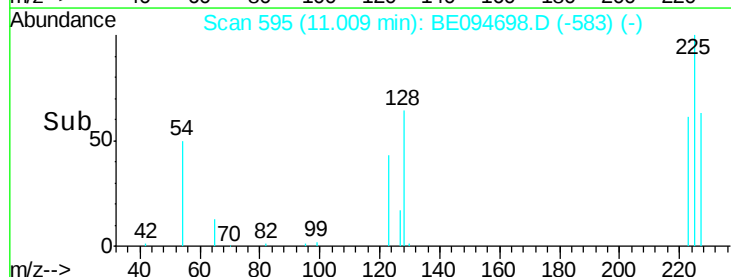
227 61.8 51.4 77.2

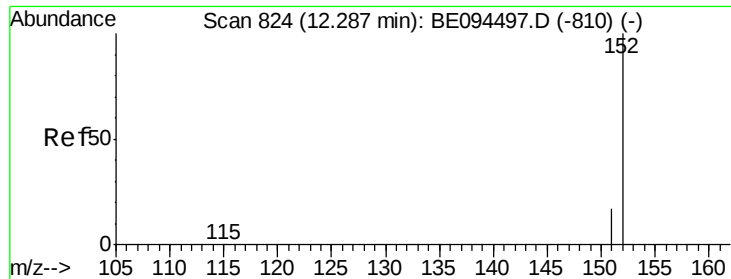


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

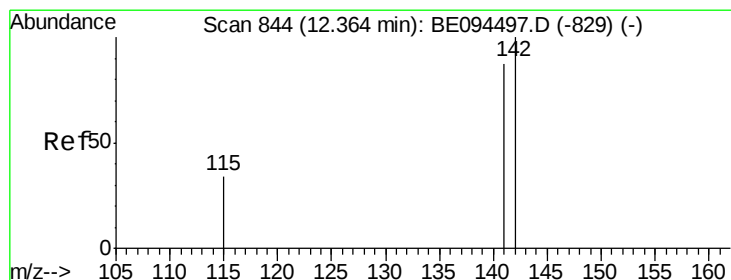
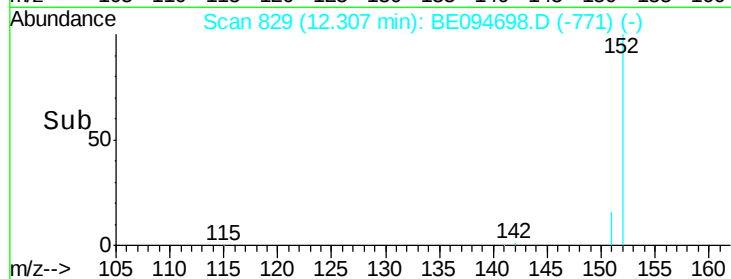
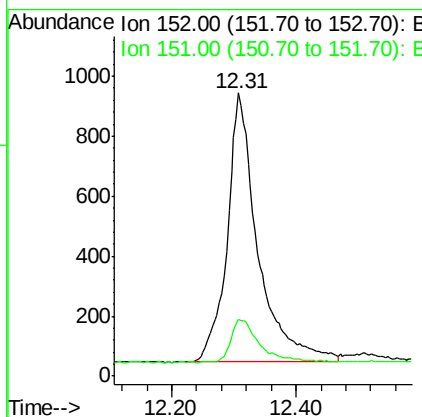
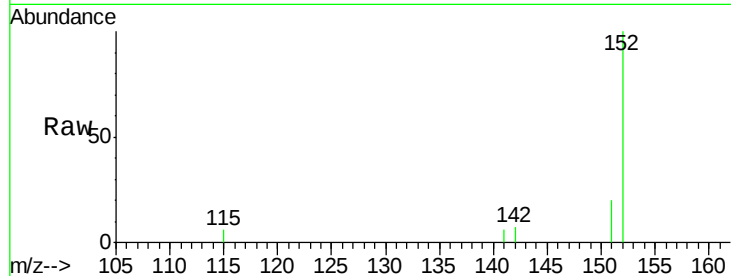




#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.31 min Scan# 829
 Delta R.T. 0.02 min
 Lab File: BE094698.D
 Acq: 2 Nov 2017 16:51

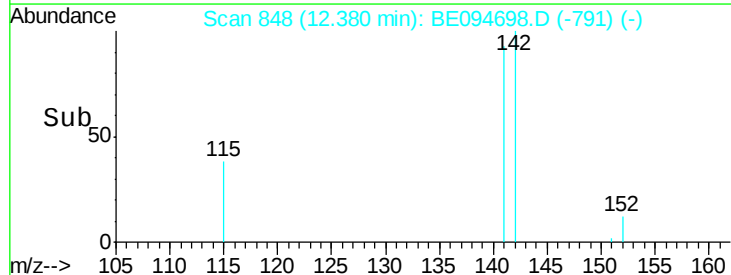
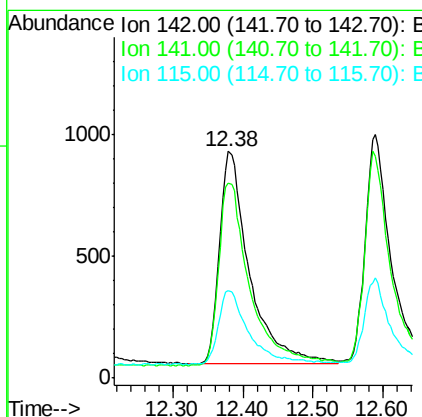
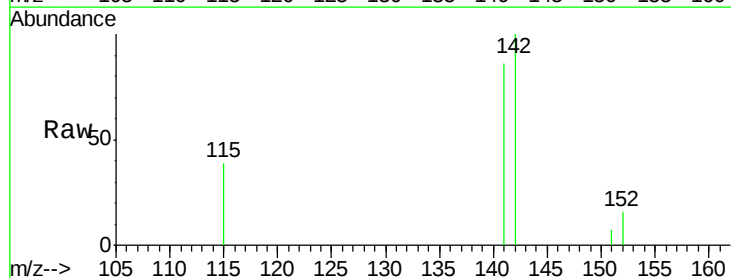
Instrument :
 BNA_E
 ClientSampleId :
 PB103598BSD

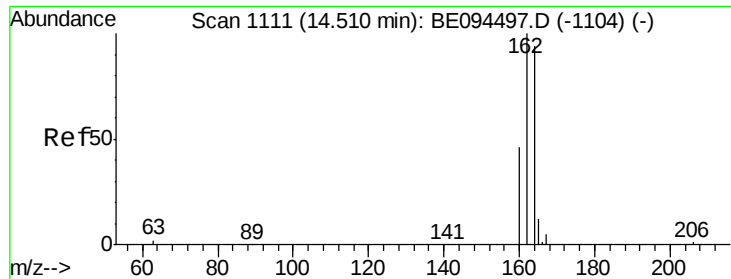
Tgt Ion:152 Resp: 3084
 Ion Ratio Lower Upper
 152 100
 151 14.4 15.4 23.0#



#12
 2-Methylnaphthalene
 Concen: 0.248 ng
 RT: 12.38 min Scan# 848
 Delta R.T. 0.02 min
 Lab File: BE094698.D
 Acq: 2 Nov 2017 16:51

Tgt Ion:142 Resp: 2589
 Ion Ratio Lower Upper
 142 100
 141 85.7 70.4 105.6
 115 38.7 31.7 47.5

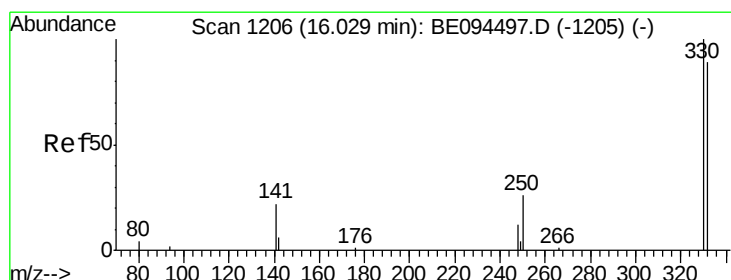
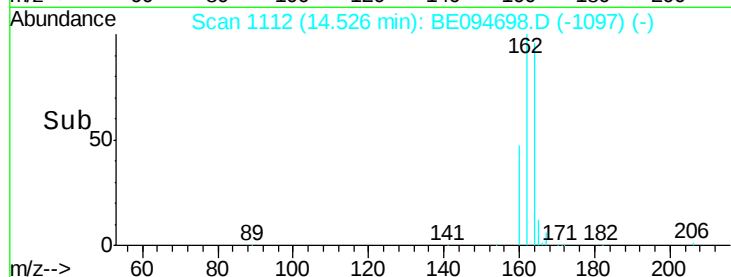
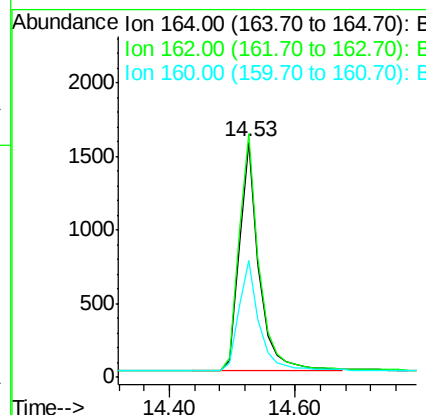
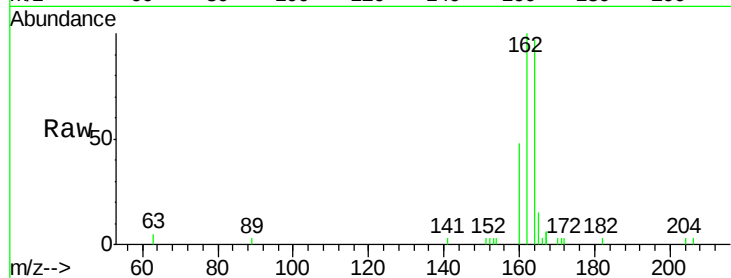




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BE094698.D
 Acq: 2 Nov 2017 16:51

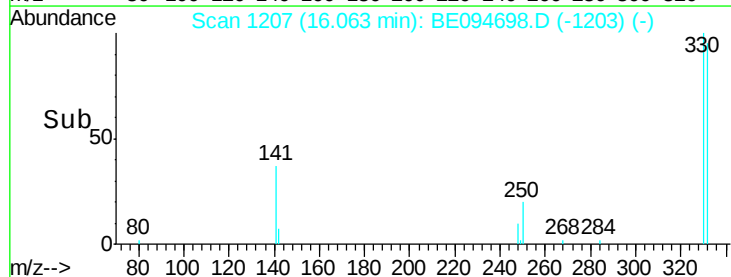
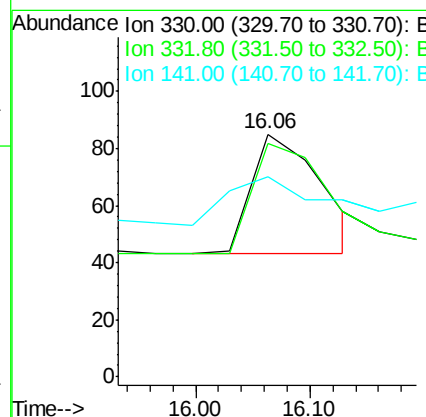
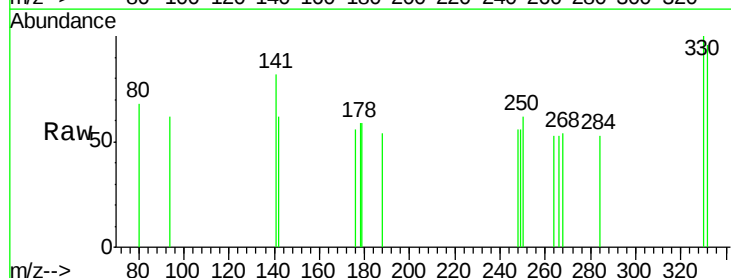
Instrument :
 BNA_E
 ClientSampleId :
 PB103598BSD

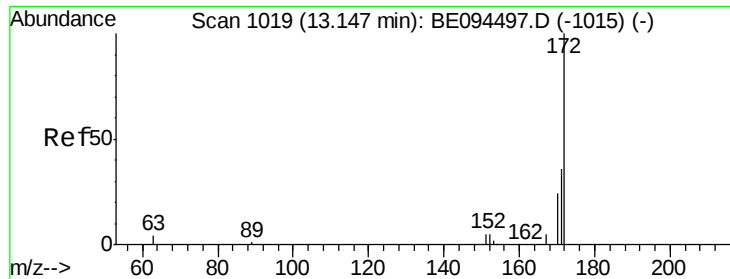
Tgt Ion:164 Resp: 3344
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.1 124.7
 160 50.0 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.193 ng
 RT: 16.06 min Scan# 1207
 Delta R.T. 0.03 min
 Lab File: BE094698.D
 Acq: 2 Nov 2017 16:51

Tgt Ion:330 Resp: 178
 Ion Ratio Lower Upper
 330 100
 332 96.6 152.7 229.1#
 141 41.6 33.7 50.5

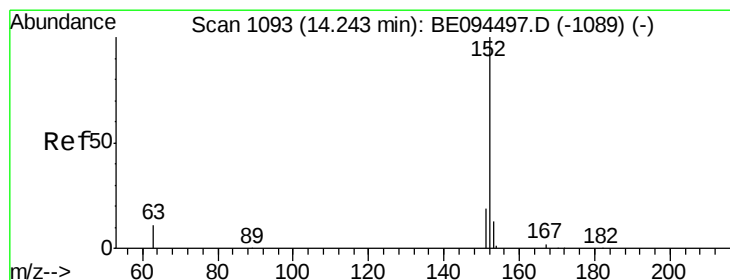
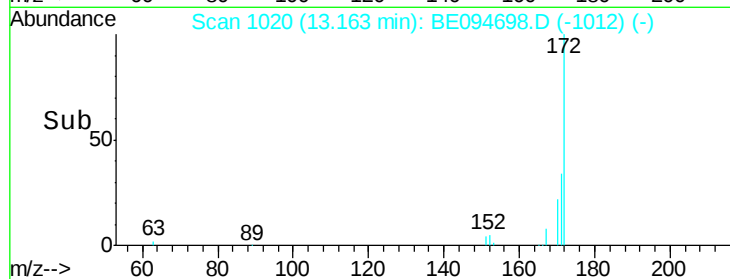
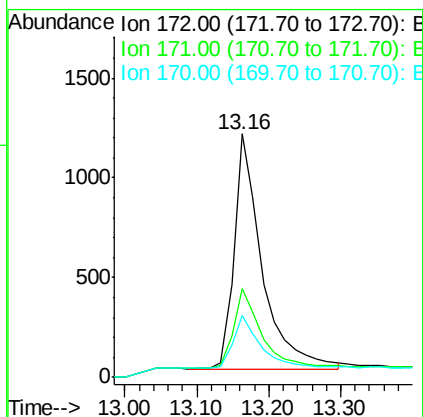
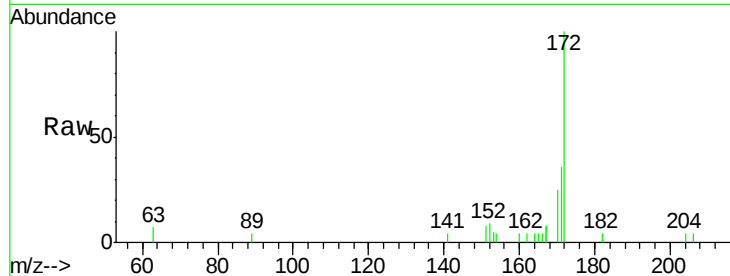




#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094698.D
Acq: 2 Nov 2017 16:51

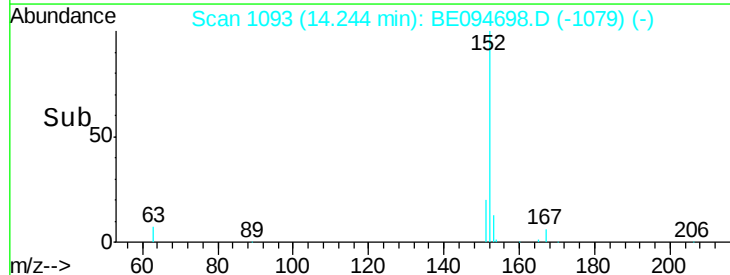
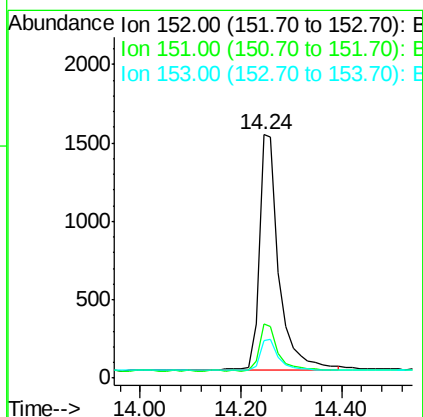
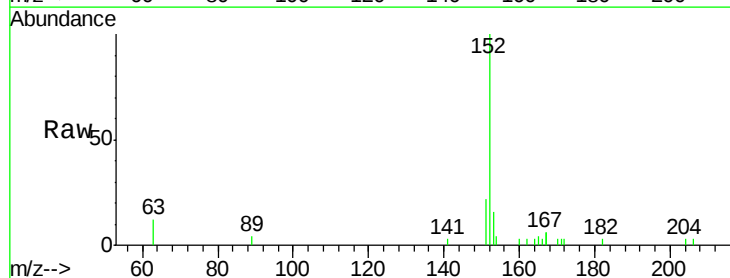
Instrument :
BNA_E
ClientSampleId :
PB103598BSD

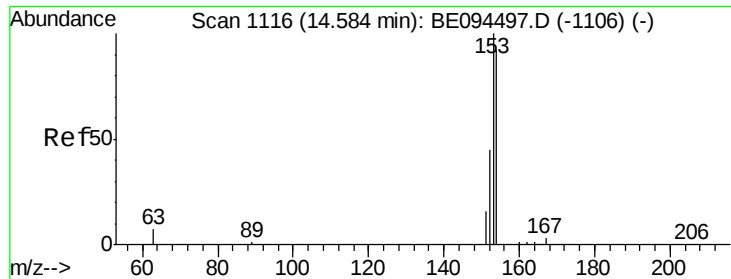
Tgt Ion:172 Resp: 3186
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 25.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.235 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094698.D
Acq: 2 Nov 2017 16:51

Tgt Ion:152 Resp: 4154
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 13.0 10.5 15.7

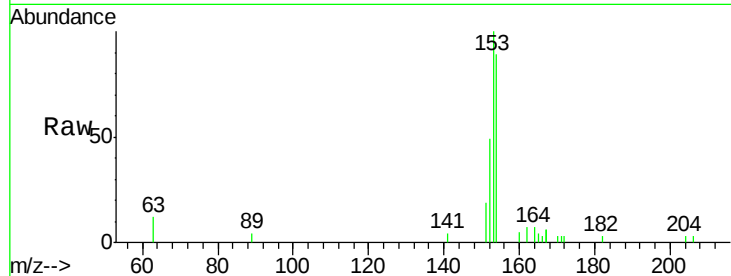




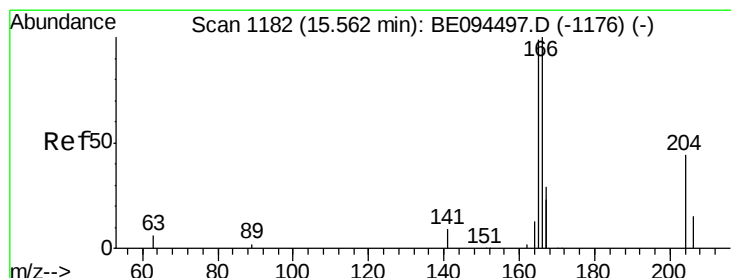
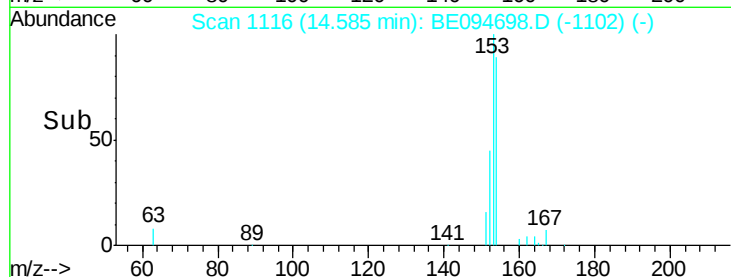
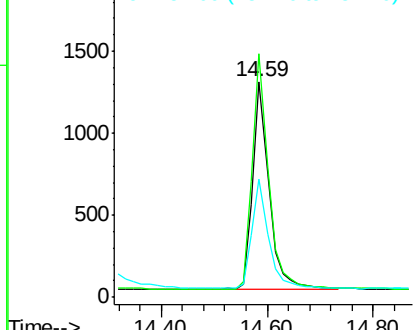
#17
Acenaphthene
Concen: 0.237 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094698.D
Acq: 2 Nov 2017 16:51

Instrument :
BNA_E
ClientSampleId :
PB103598BSD

Tgt Ion:154 Resp: 2692
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 52.8 42.0 63.0

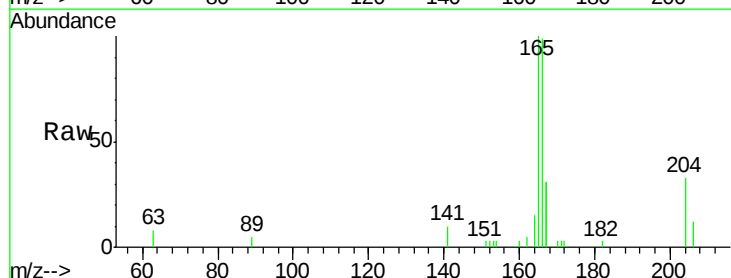


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

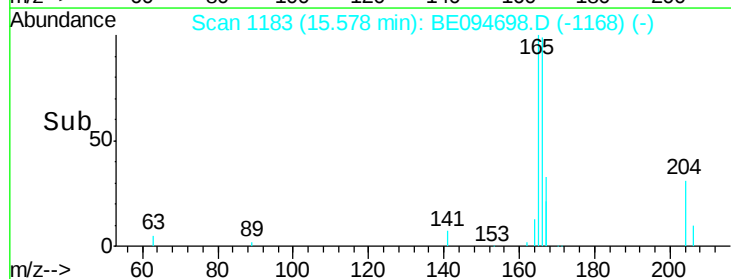
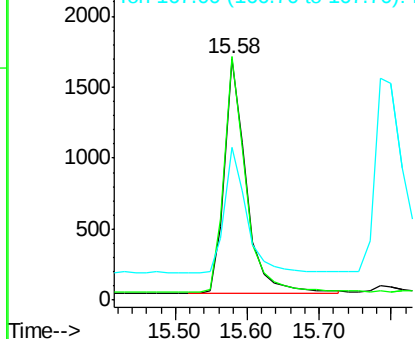


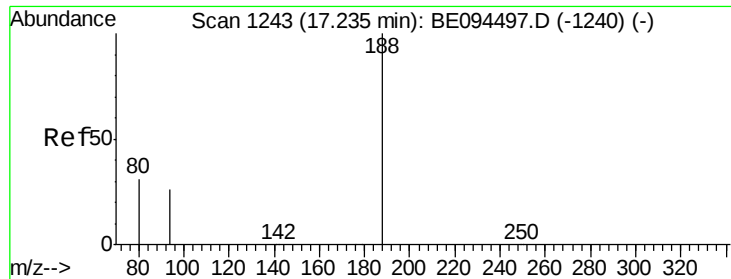
#18
Fluorene
Concen: 0.239 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094698.D
Acq: 2 Nov 2017 16:51

Tgt Ion:166 Resp: 3477
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.6
167 54.0 42.4 63.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

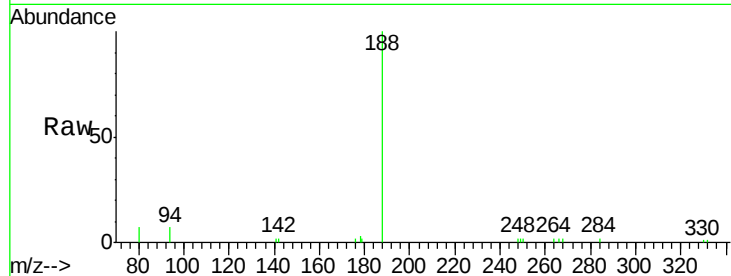
Tgt Ion:188 Resp: 7518

Ion Ratio Lower Upper

188 100

94 7.1 3.9 5.9#

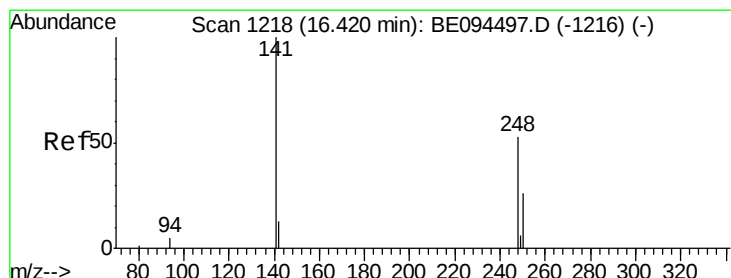
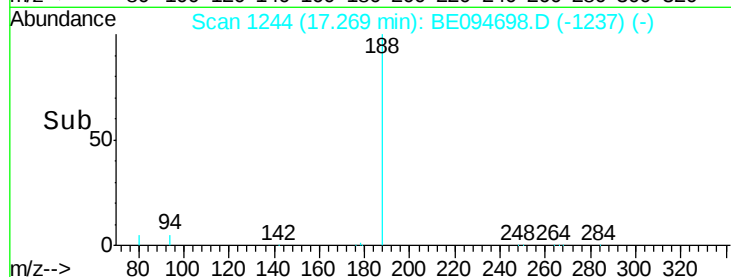
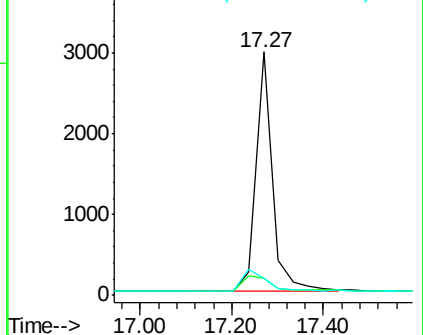
80 7.2 3.6 5.4#



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: 0.203 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.03 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

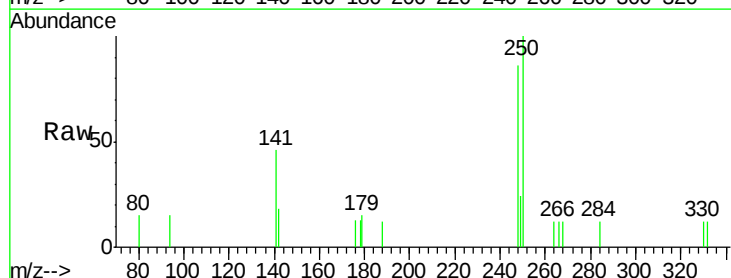
Tgt Ion:248 Resp: 831

Ion Ratio Lower Upper

248 100

250 116.0 62.7 94.1#

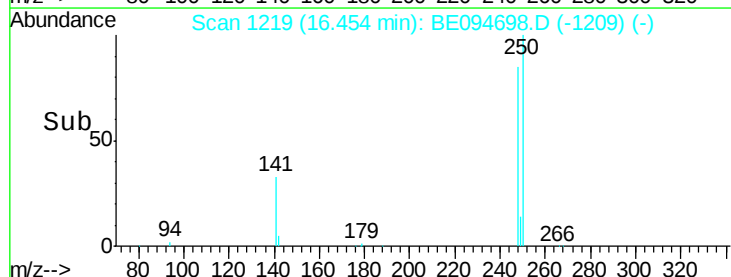
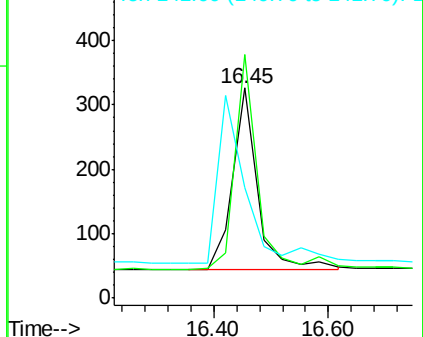
141 52.8 48.2 72.2

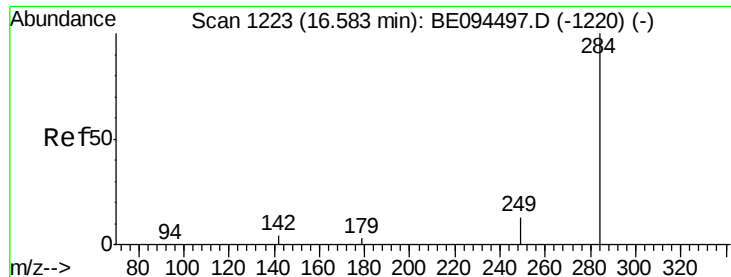


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.319 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

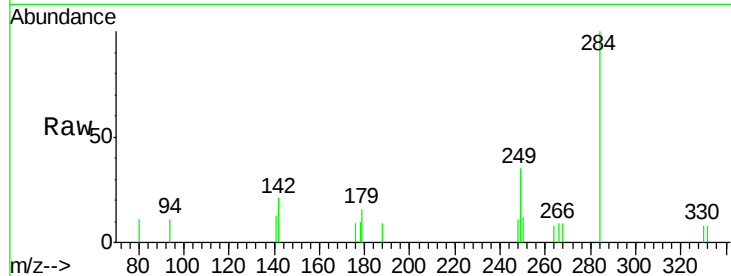
Tgt Ion:284 Resp: 1146

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

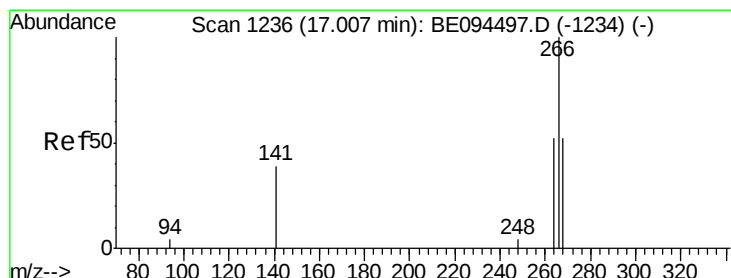
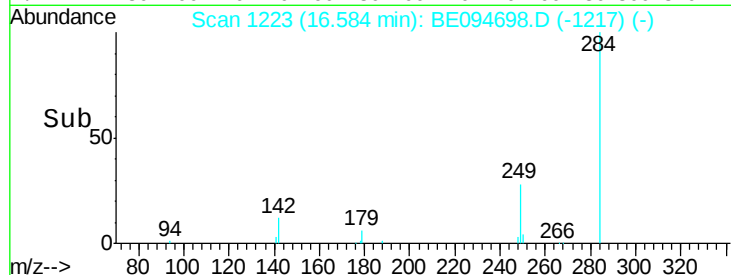
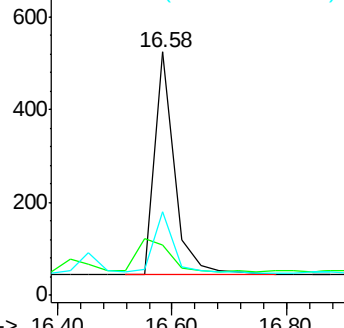
249 27.7 34.8 52.2#



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



#22

Pentachlorophenol

Concen: 0.072 ng

RT: 17.11 min Scan# 1239

Delta R.T. 0.10 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

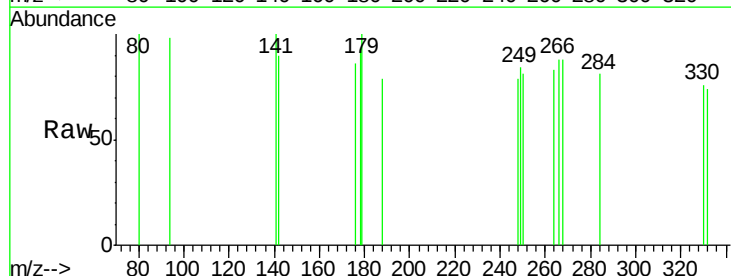
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

264 94.1 72.5 108.7

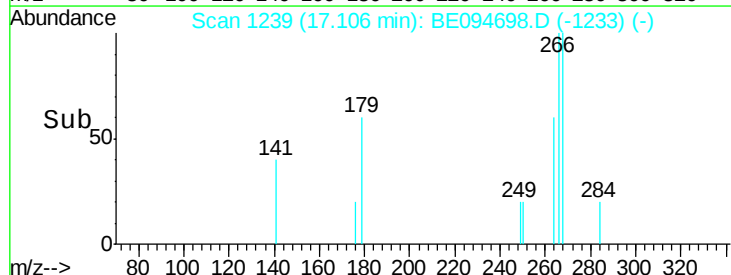
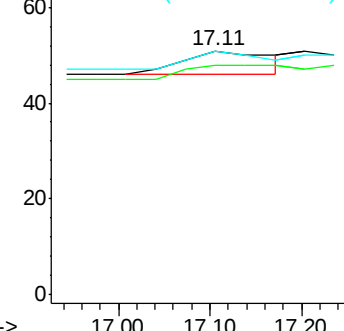
268 100.0 73.8 110.6

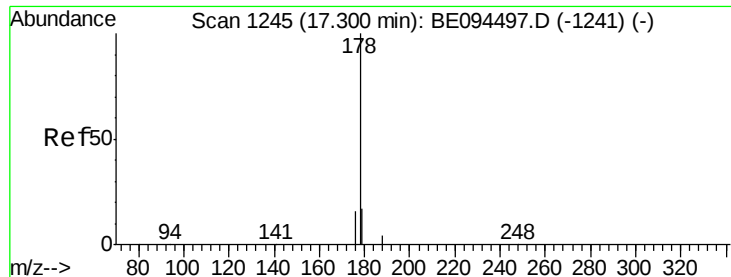


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.305 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

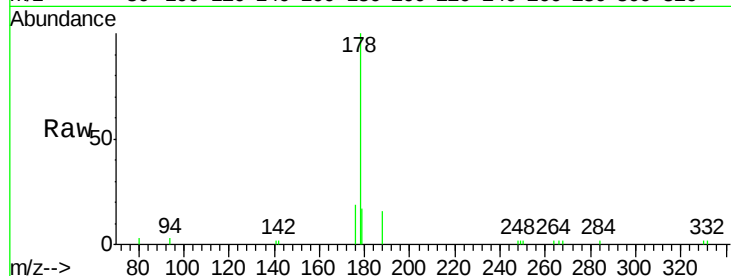
Tgt Ion:178 Resp: 6386

Ion Ratio Lower Upper

178 100

176 17.6 15.1 22.7

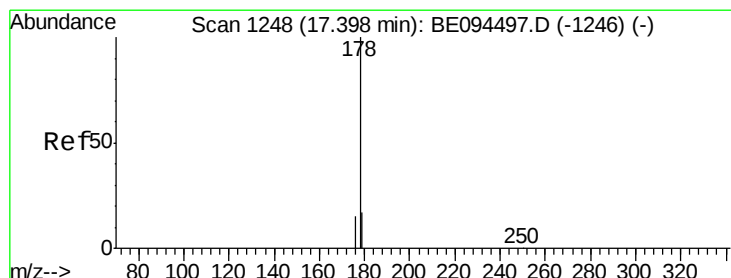
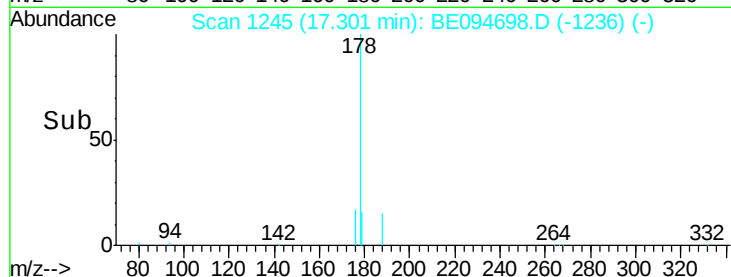
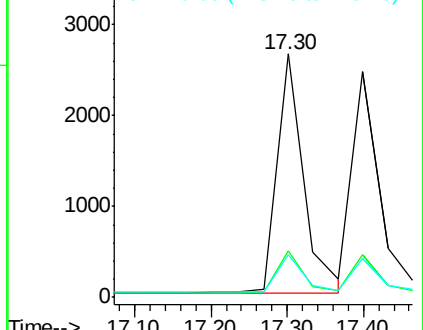
179 15.8 11.8 17.6



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: 0.274 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

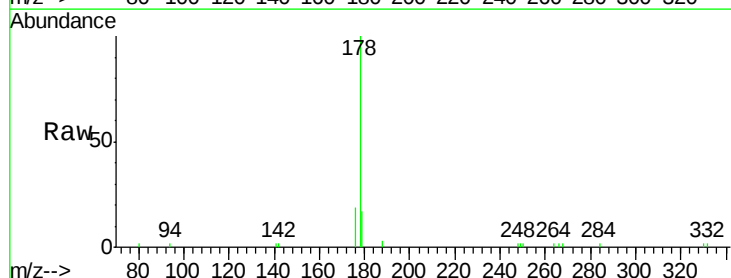
Tgt Ion:178 Resp: 6063

Ion Ratio Lower Upper

178 100

176 17.2 12.8 19.2

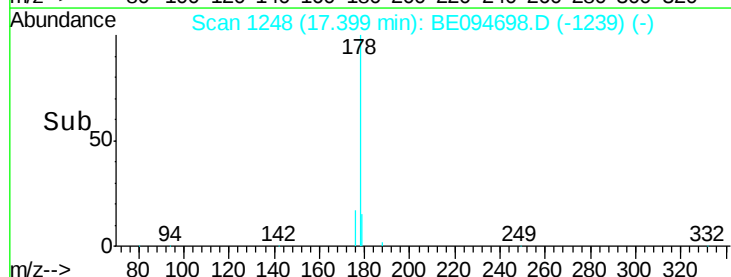
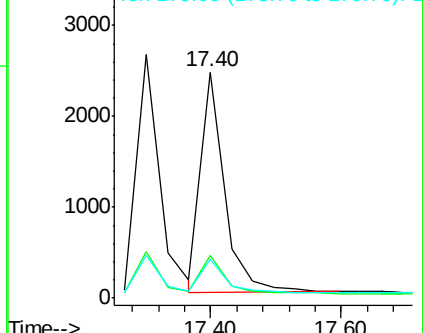
179 15.6 13.0 19.6

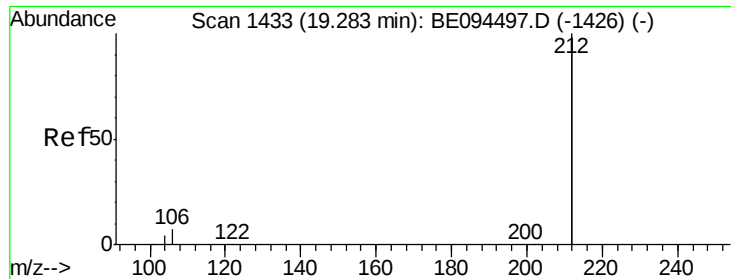


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

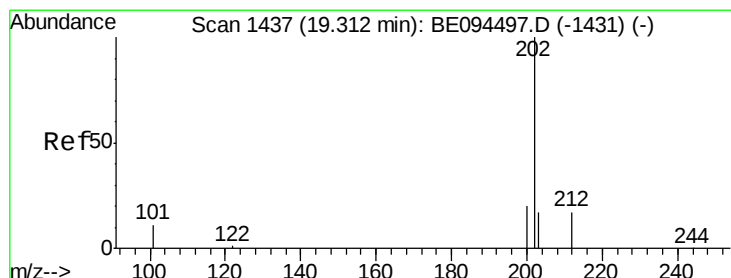
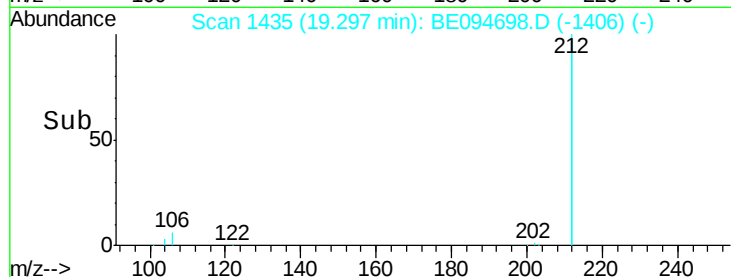
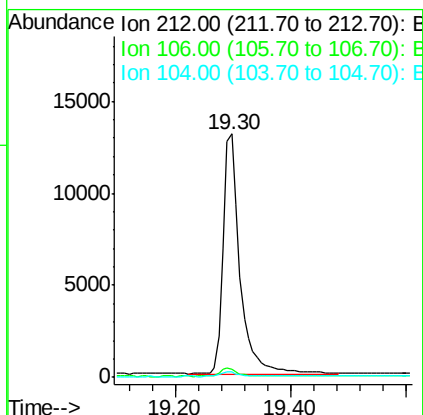
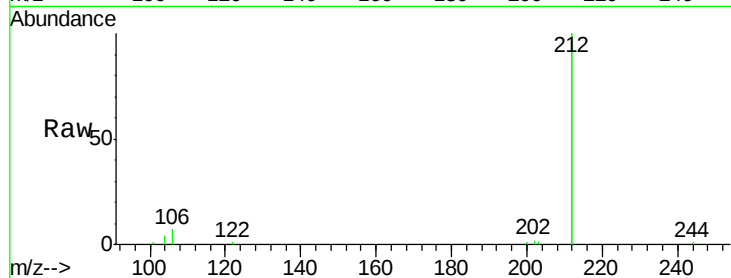




#25
 Fluoranthene-d10
 Concen: 0.260 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.02 min
 Lab File: BE094698.D
 Acq: 2 Nov 2017 16:51

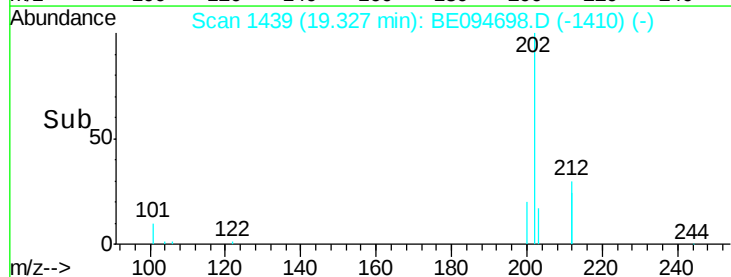
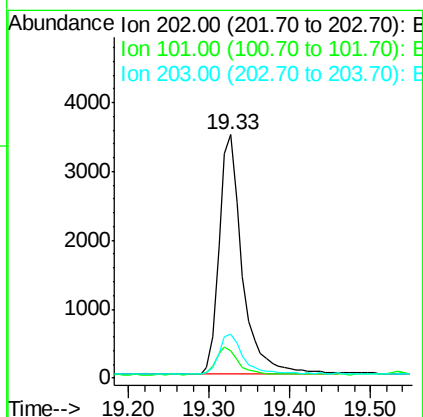
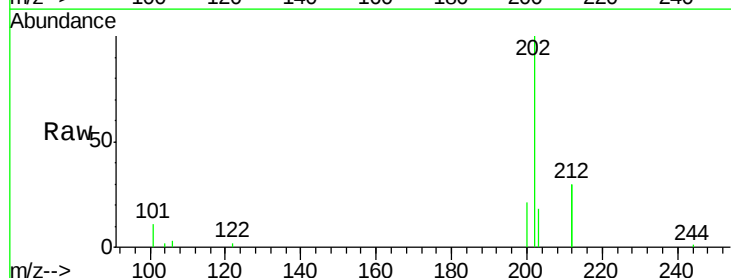
Instrument :
 BNA_E
 ClientSampleId :
 PB103598BSD

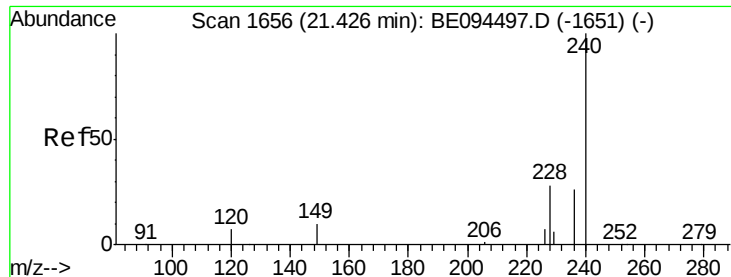
Tgt Ion: 212 Resp: 26546
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.212 ng
 RT: 19.33 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE094698.D
 Acq: 2 Nov 2017 16:51

Tgt Ion: 202 Resp: 6929
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.8 14.8
 203 16.8 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

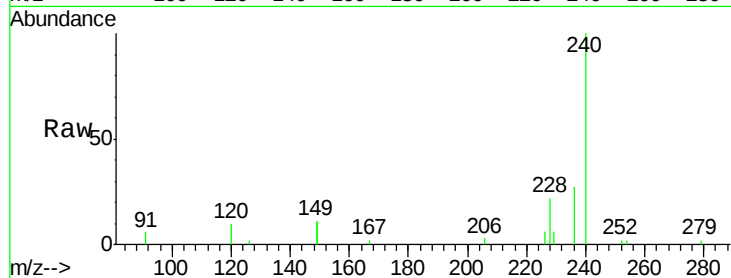
Tgt Ion:240 Resp: 8412

Ion Ratio Lower Upper

240 100

120 9.6 5.5 8.3#

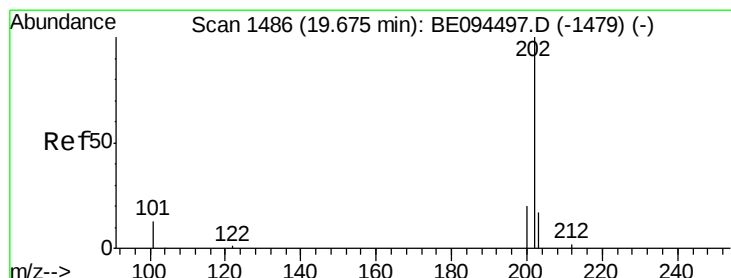
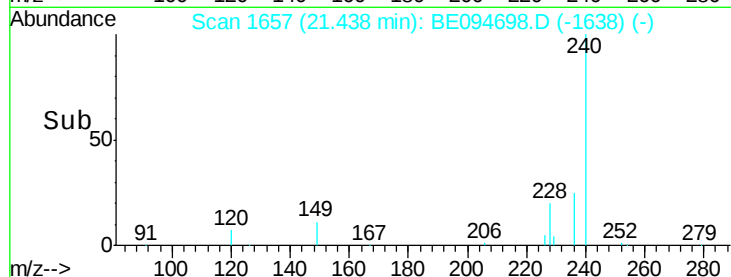
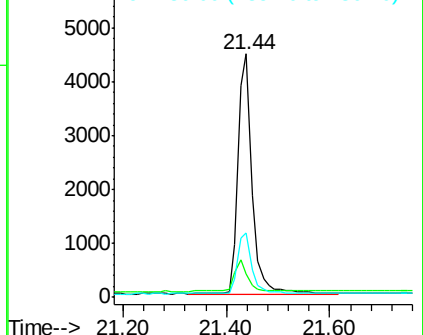
236 26.5 20.7 31.1



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



#28

Pyrene

Concen: 0.242 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

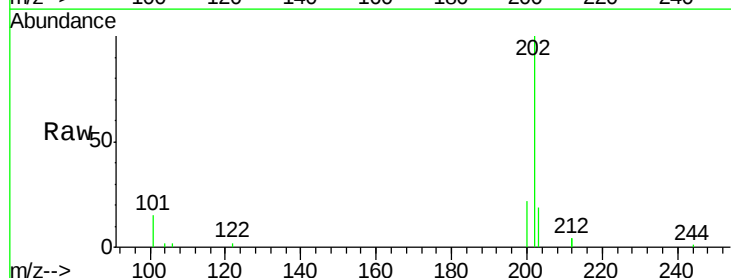
Tgt Ion:202 Resp: 7134

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

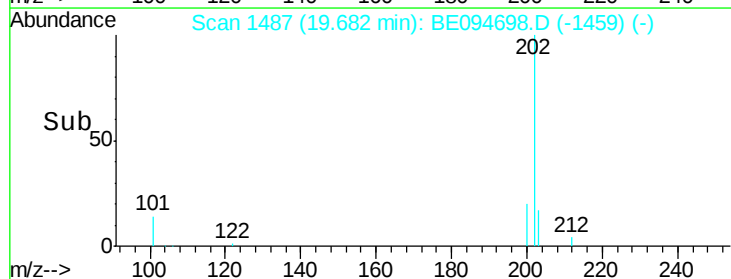
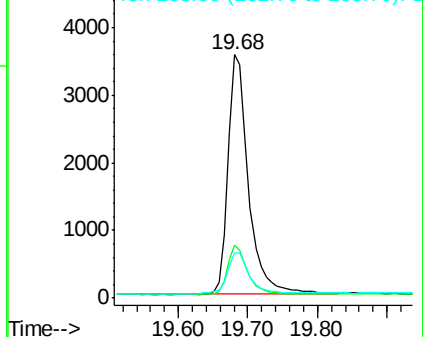
203 18.5 13.8 20.8

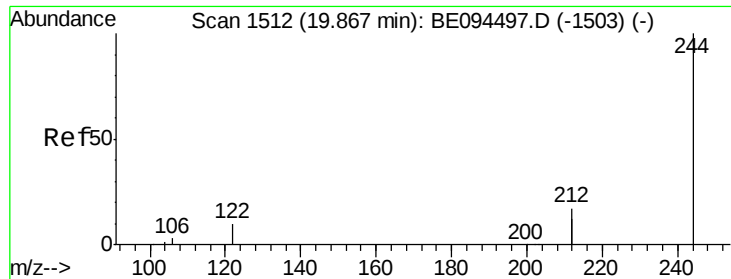


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.256 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

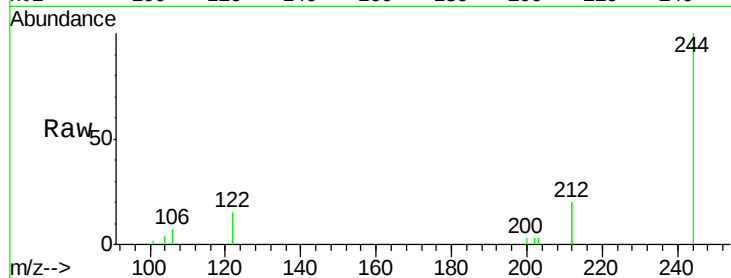
Tgt Ion:244 Resp: 4053

Ion Ratio Lower Upper

244 100

212 40.4 25.4 38.0#

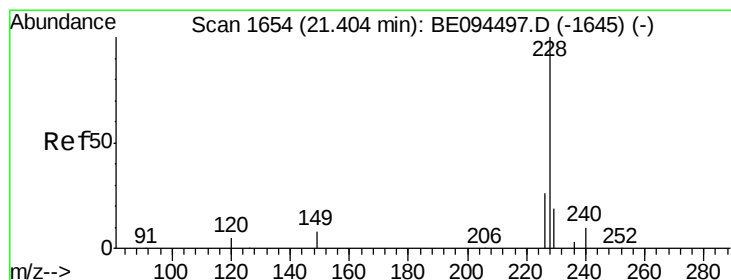
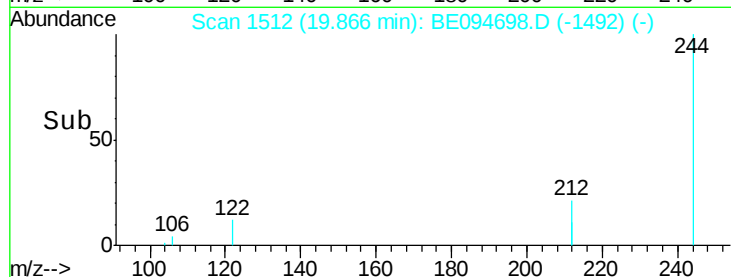
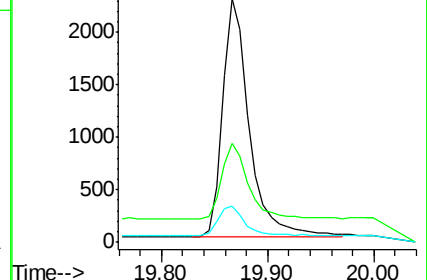
122 14.7 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.255 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

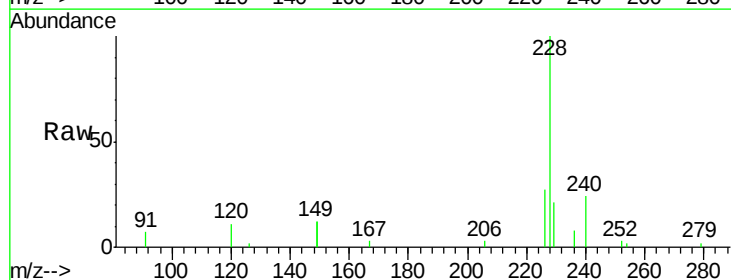
Tgt Ion:228 Resp: 6996

Ion Ratio Lower Upper

228 100

226 26.9 40.0 60.0#

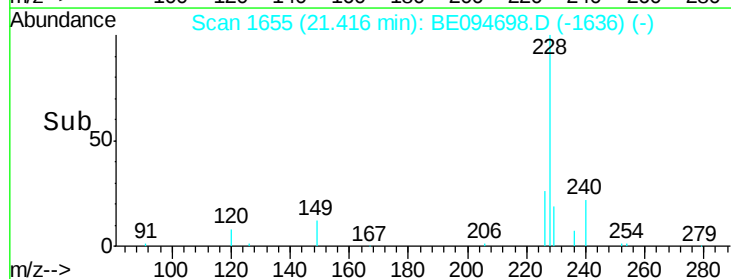
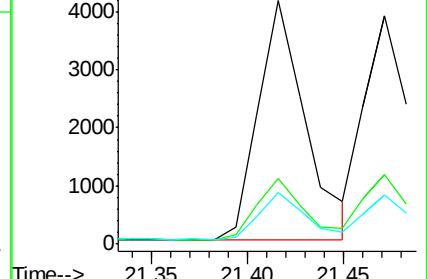
229 21.1 40.0 60.0#

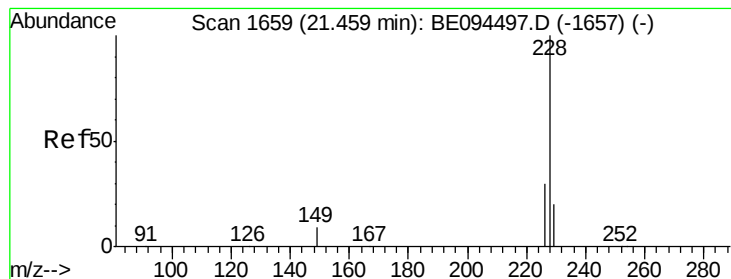


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.243 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

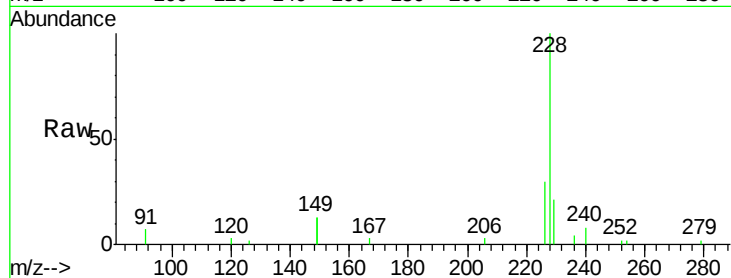
Tgt Ion:228 Resp: 6759

Ion Ratio Lower Upper

228 100

226 30.5 40.0 60.0#

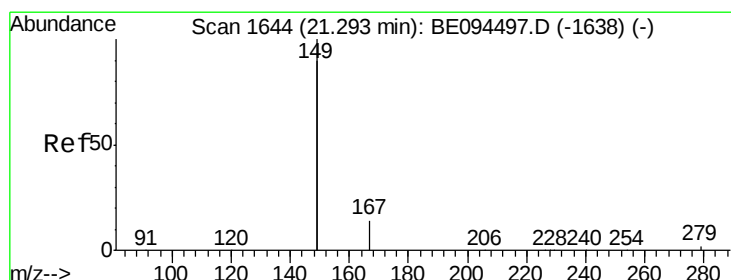
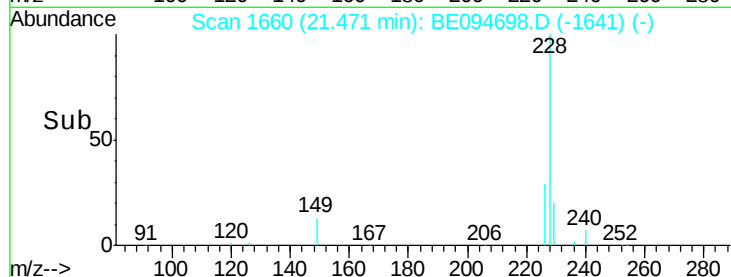
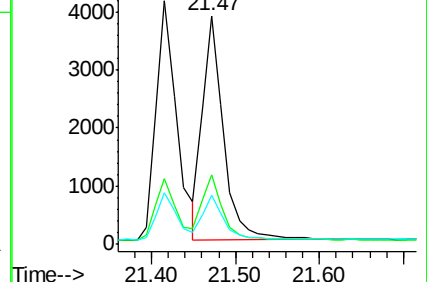
229 21.3 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.244 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

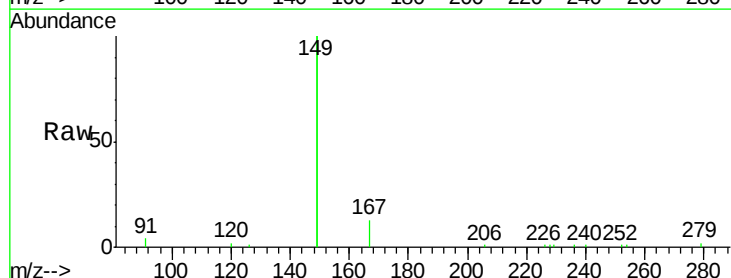
Tgt Ion:149 Resp: 16403

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

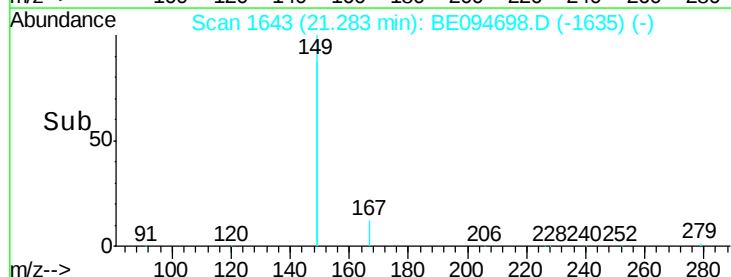
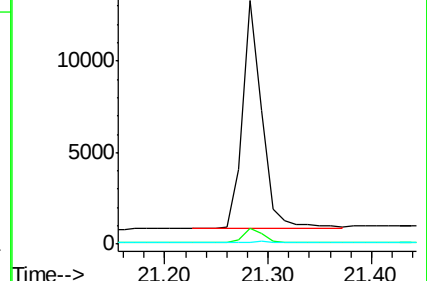
279 1.0 0.7 1.1

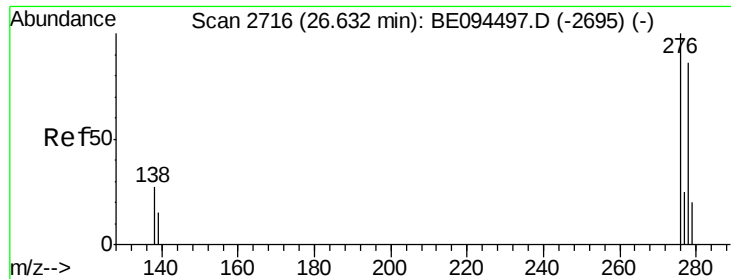


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.205 ng

RT: 26.68 min Scan# 2727

Delta R.T. 0.05 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

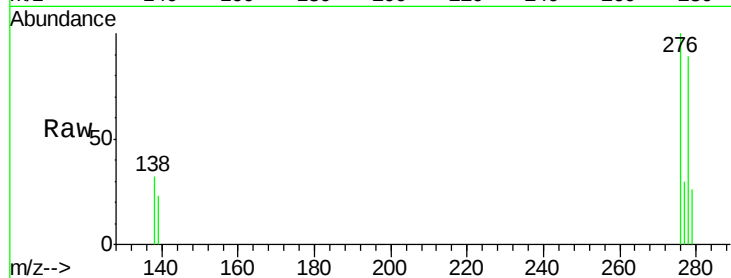
Tgt Ion:276 Resp: 5263

Ion Ratio Lower Upper

276 100

138 27.6 22.5 33.7

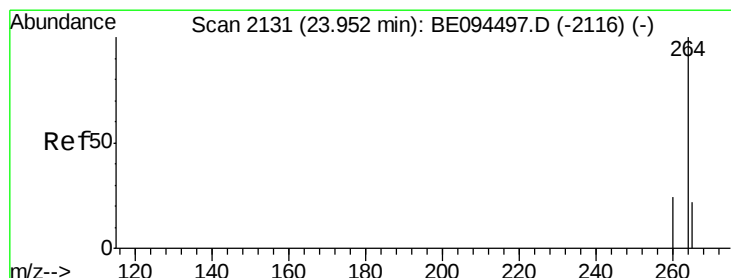
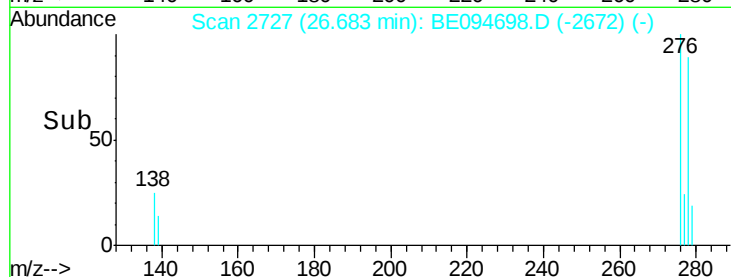
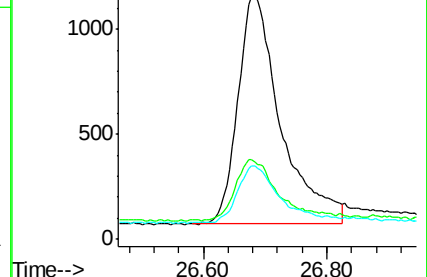
277 24.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

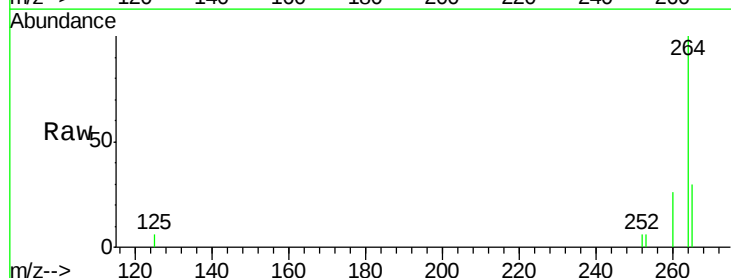
Tgt Ion:264 Resp: 7589

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

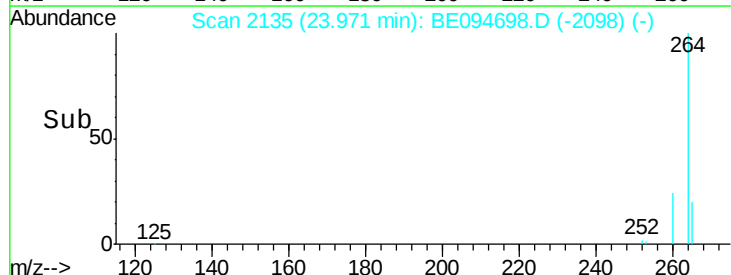
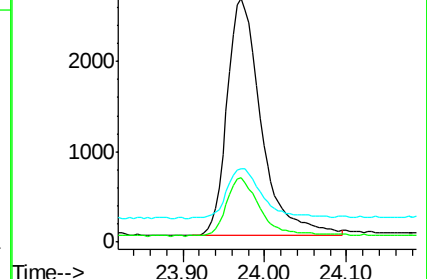
265 30.4 22.8 34.2

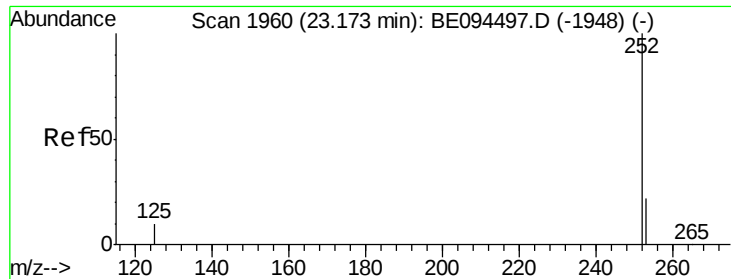


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.250 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.02 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

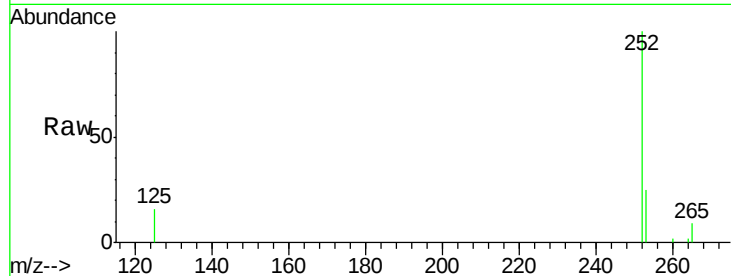
Tgt Ion:252 Resp: 6143

Ion Ratio Lower Upper

252 100

253 25.4 48.0 72.0#

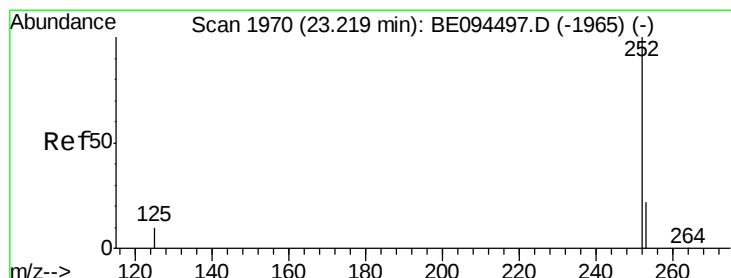
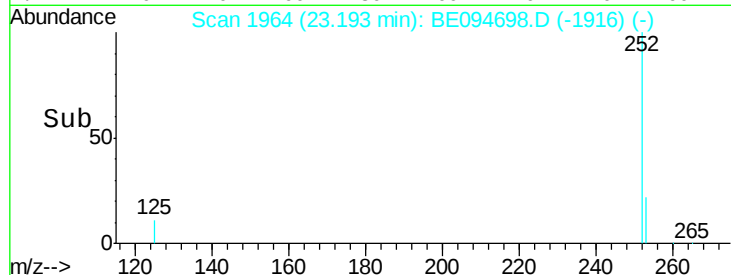
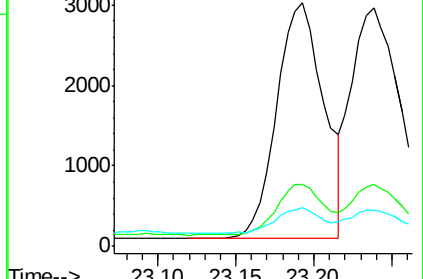
125 15.9 56.0 84.0#



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: 0.259 ng

RT: 23.24 min Scan# 1974

Delta R.T. 0.02 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

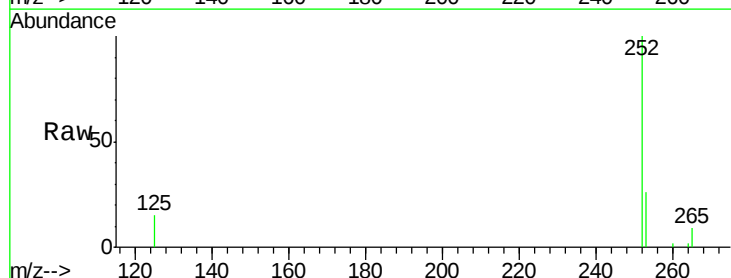
Tgt Ion:252 Resp: 6769

Ion Ratio Lower Upper

252 100

253 26.1 48.0 72.0#

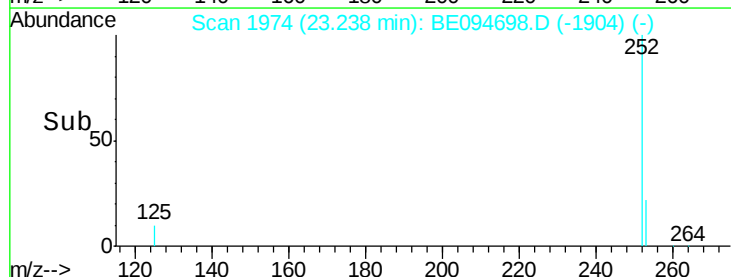
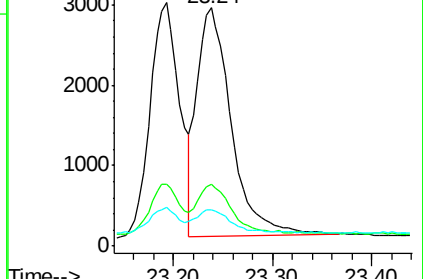
125 15.2 56.0 84.0#

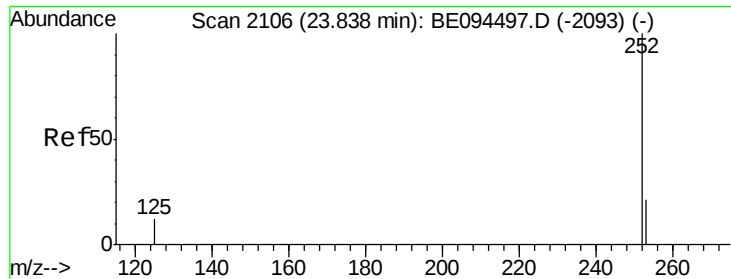


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.258 ng

RT: 23.86 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD

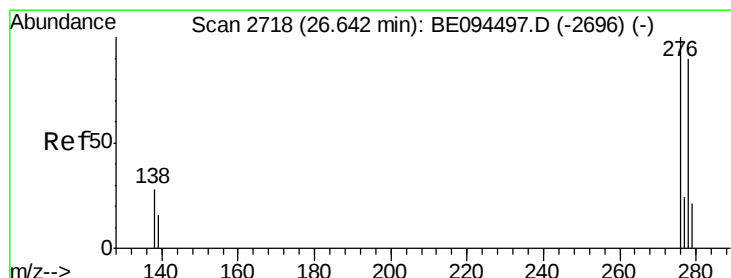
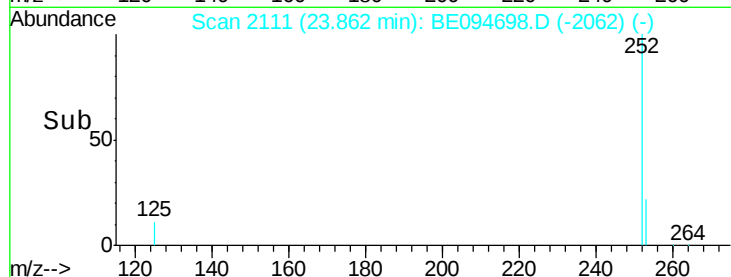
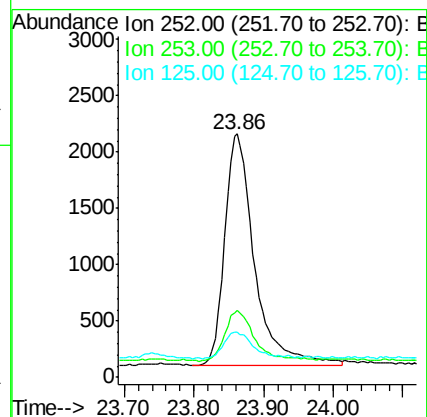
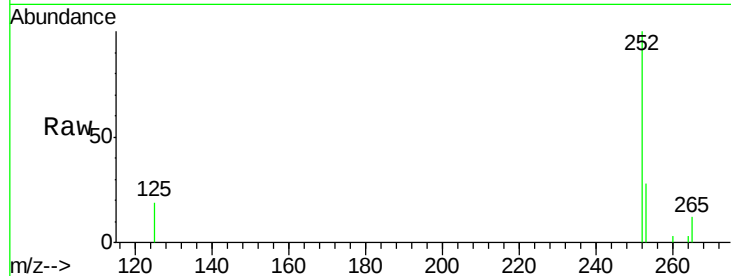
Tgt Ion:252 Resp: 6142

Ion Ratio Lower Upper

252 100

253 27.6 52.0 78.0#

125 18.5 68.0 102.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.221 ng

RT: 26.68 min Scan# 2726

Delta R.T. 0.04 min

Lab File: BE094698.D

Acq: 2 Nov 2017 16:51

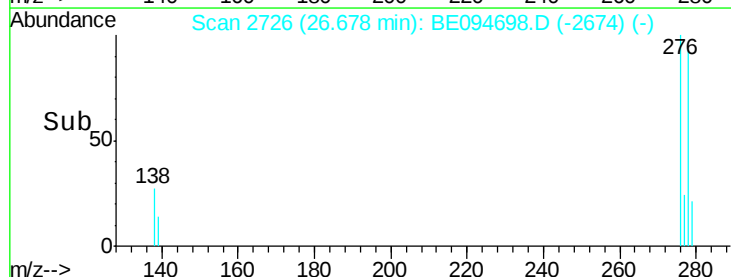
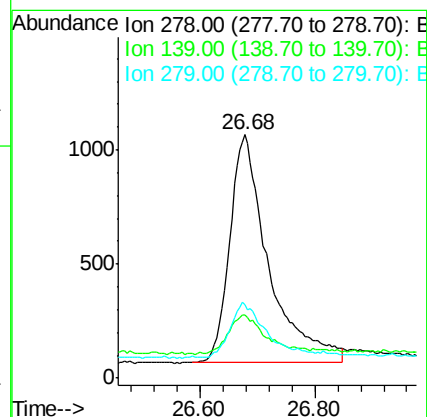
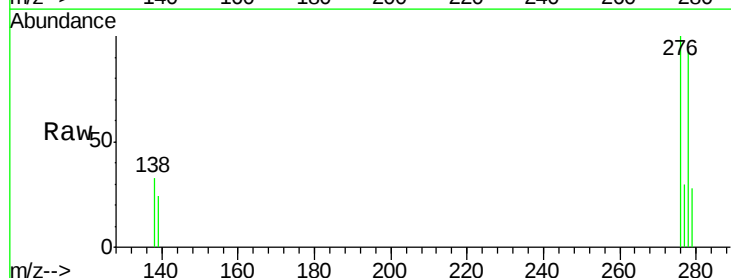
Tgt Ion:278 Resp: 4737

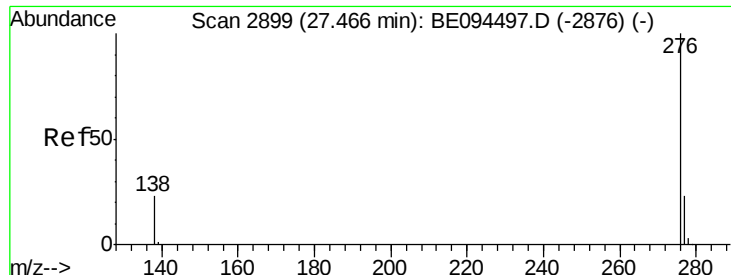
Ion Ratio Lower Upper

278 100

139 26.1 56.0 84.0#

279 29.9 52.0 78.0#





#39

Benzo(g,h,i)perylene

Concen: 0.203 ng

RT: 27.52 min Scan# 2911

Delta R.T. 0.06 min

Lab File: BE094698.D

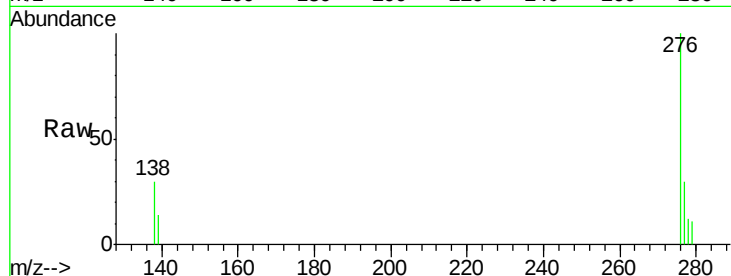
Acq: 2 Nov 2017 16:51

Instrument :

BNA_E

ClientSampleId :

PB103598BSD



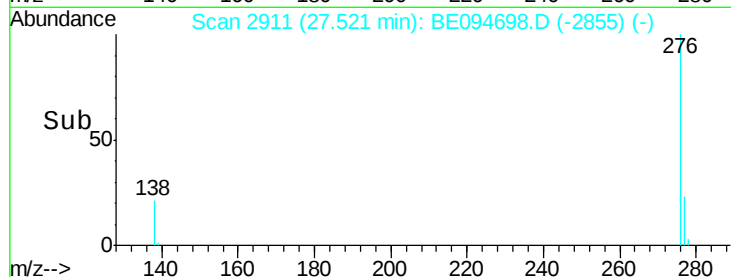
Tgt Ion: 276 Resp: 4068

Ion Ratio Lower Upper

276 100

277 29.9 52.0 78.0#

138 30.3 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

