

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
 Data File : BE094875.D
 Acq On : 27 Nov 2017 16:42
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 27 17:19:34 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	570	0.40	ng	0.02
7) Naphthalene-d8	10.72	136	3743	0.40	ng	0.02
13) Acenaphthene-d10	14.51	164	2682	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5421	0.40	ng	0.03
27) Chrysene-d12	21.44	240	7131	0.40	ng	0.01
34) Perylene-d12	23.97	264	6745	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.64	112	421	0.22	ng	0.12
5) Phenol-d6	7.23	99	1063	0.36	ng	0.09
8) Nitrobenzene-d5	9.16	82	834	0.28	ng	0.08
11) 2-Methylnaphthalene-d10	12.31	152	2359	0.39	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	264	0.36	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3144	0.33	ng	0.01
25) Fluoranthene-d10	19.29	212	29486	0.45	ng	0.00
29) Terphenyl-d14	19.87	244	4839	0.36	ng	0.00

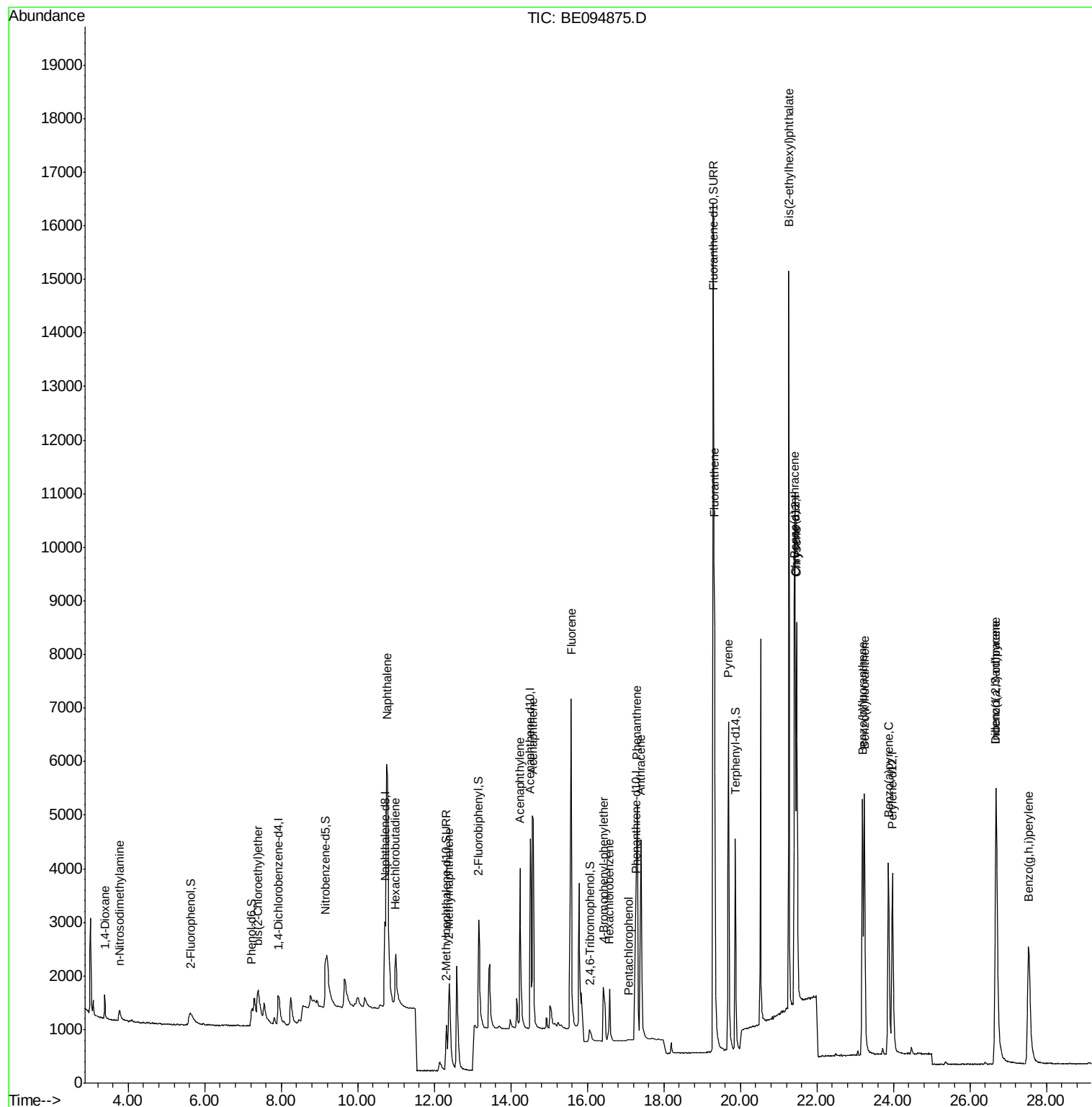
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	456	0.473	ng	# 75
3) n-Nitrosodimethylamine	3.77	42	325	0.352	ng	# 85
6) bis(2-Chloroethyl)ether	7.39	93	560	0.246	ng	# 85
9) Naphthalene	10.76	128	14334	0.338	ng	# 98
10) Hexachlorobutadiene	10.99	225	585	0.382	ng	# 99
12) 2-Methylnaphthalene	12.39	142	2648	0.368	ng	# 98
16) Acenaphthylene	14.24	152	4775	0.337	ng	# 99
17) Acenaphthene	14.58	154	3186	0.350	ng	# 99
18) Fluorene	15.58	166	4280	0.367	ng	# 99
20) 4-Bromophenyl-phenylether	16.42	248	1121	0.379	ng	# 39
21) Hexachlorobenzene	16.58	284	1520	0.587	ng	# 61
22) Pentachlorophenol	17.07	266	65	0.196	ng	# 95
23) Phenanthrene	17.30	178	7300	0.524	ng	# 96
24) Anthracene	17.40	178	7592	0.477	ng	# 98
26) Fluoranthene	19.32	202	8734	0.437	ng	# 97
28) Pyrene	19.69	202	8967	0.360	ng	# 99
30) Benzo(a)anthracene	21.42	228	8340	0.359	ng	# 61
31) Chrysene	21.47	228	9214	0.391	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.27	149	16220	0.285	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.68	276	8625	0.396	ng	# 93
35) Benzo(b)fluoranthene	23.19	252	8144	0.373	ng	# 39
36) Benzo(k)fluoranthene	23.24	252	8962	0.386	ng	# 39
37) Benzo(a)pyrene	23.87	252	8059	0.381	ng	# 33
38) Dibenzo(a,h)anthracene	26.68	278	7364	0.387	ng	# 43
39) Benzo(g,h,i)perylene	27.53	276	7570	0.426	ng	# 52

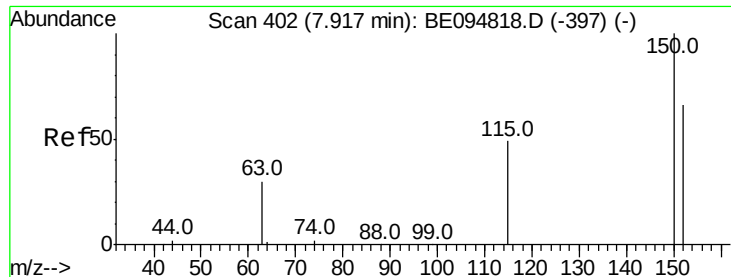
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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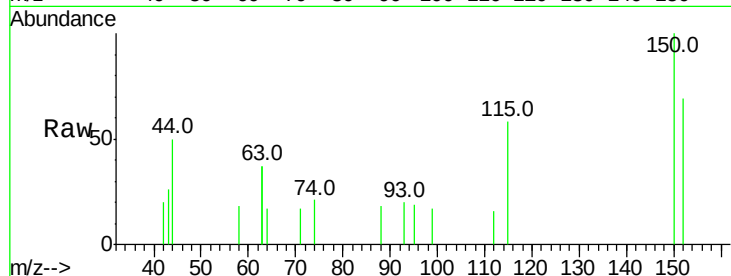


#1

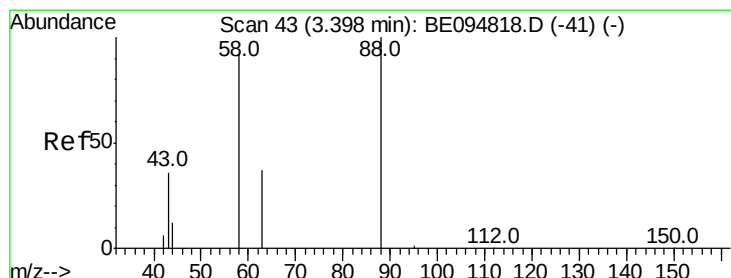
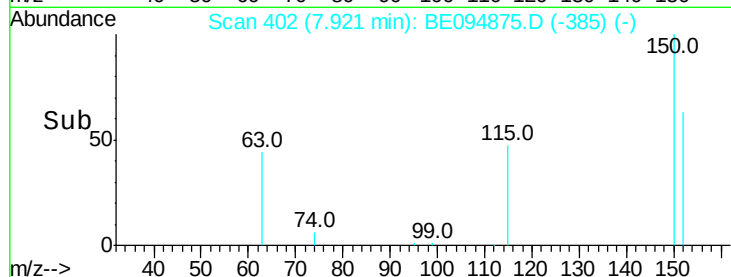
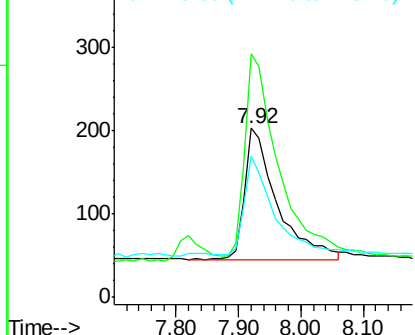
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.02 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 570
Ion Ratio Lower Upper
152 100
150 144.3 117.2 175.8
115 83.3 57.0 85.6



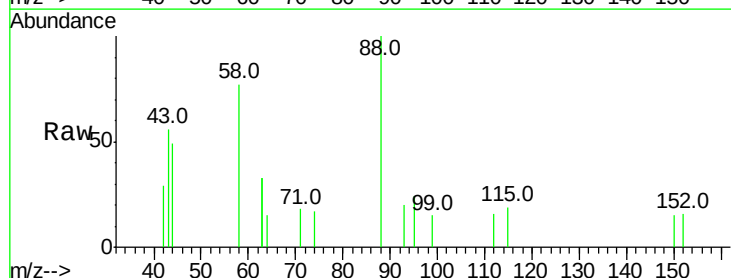
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



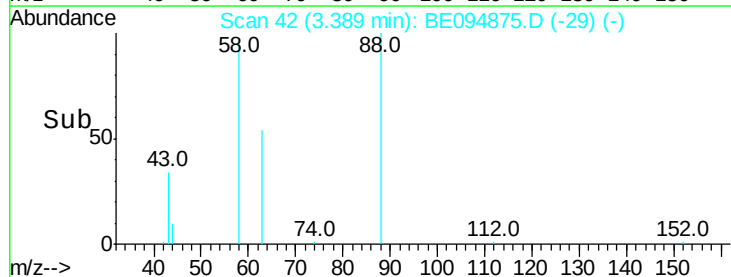
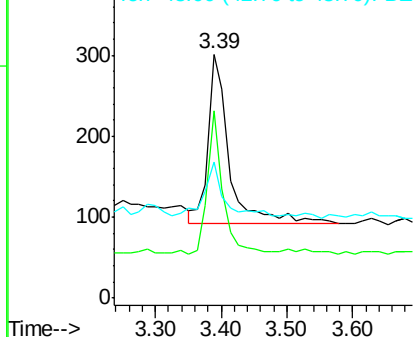
#2

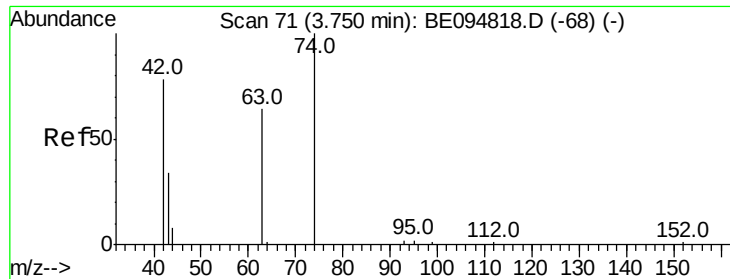
1,4-Dioxane
Concen: 0.473 ng
RT: 3.39 min Scan# 42
Delta R.T. -0.03 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion: 88 Resp: 456
Ion Ratio Lower Upper
88 100
58 60.5 63.2 94.8#
43 29.8 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: 0.352 ng

RT: 3.77 min Scan# 72

Delta R.T. 0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampled :

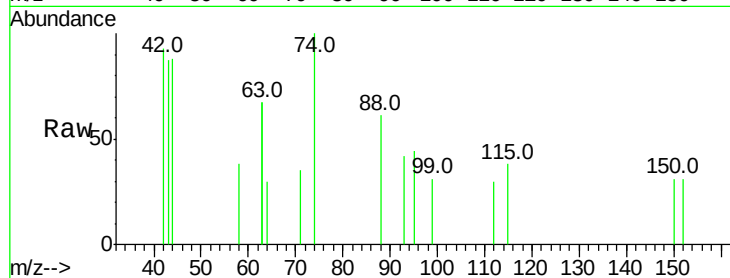
Tot Ion: 42 Resp: 325

Ion Ratio Lower Upper

42 100

74 142.2 100.3 150.5

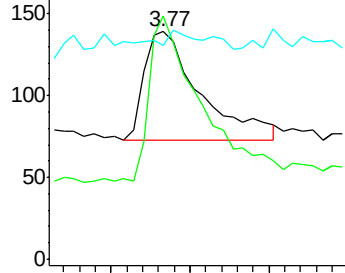
44 12.6 17.0 25.4#



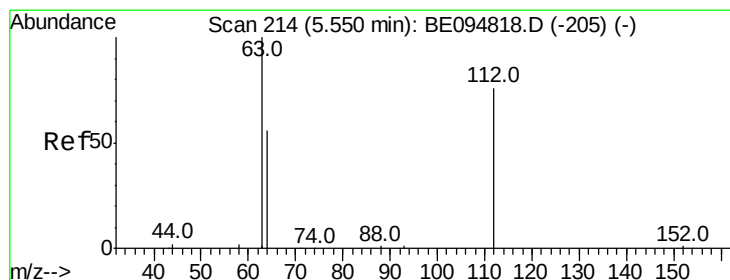
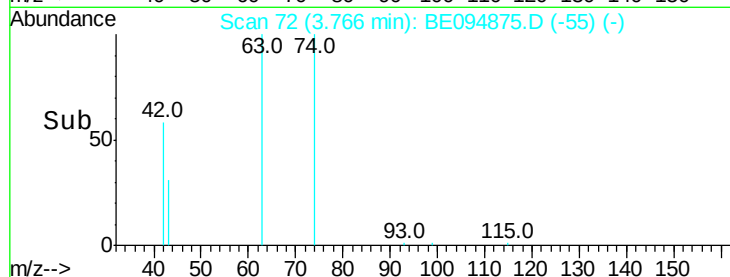
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.216 ng

RT: 5.64 min Scan# 221

Delta R.T. 0.12 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

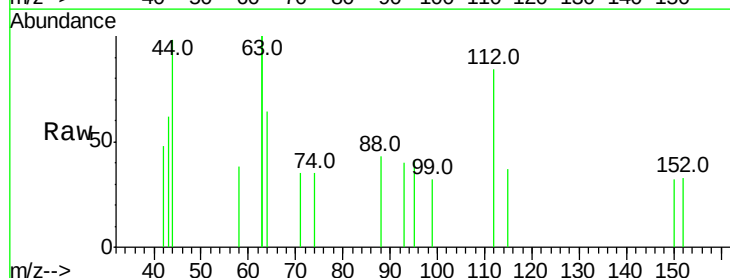
Tgt Ion: 112 Resp: 421

Ion Ratio Lower Upper

112 100

64 73.4 60.1 90.1

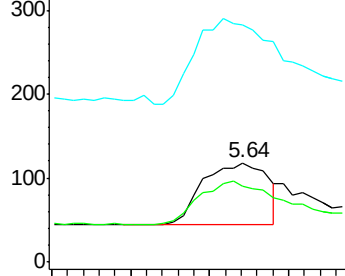
63 0.0 116.8 175.2#



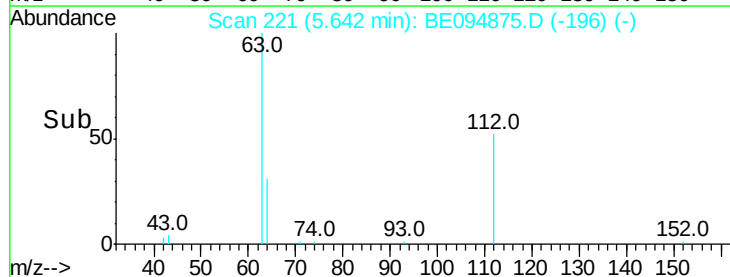
Abundance Ion 112.00 (111.70 to 112.70): E

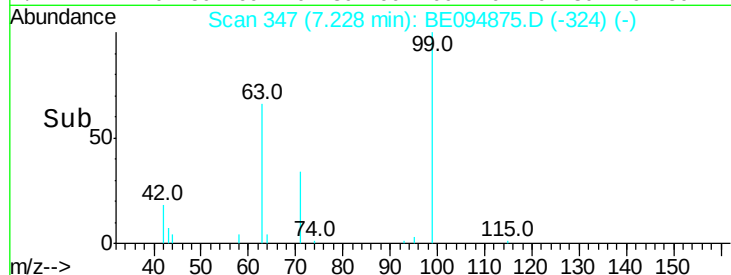
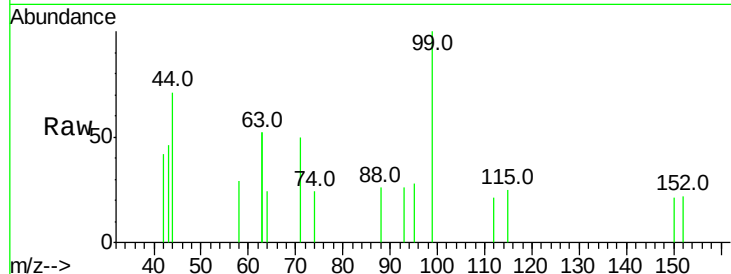
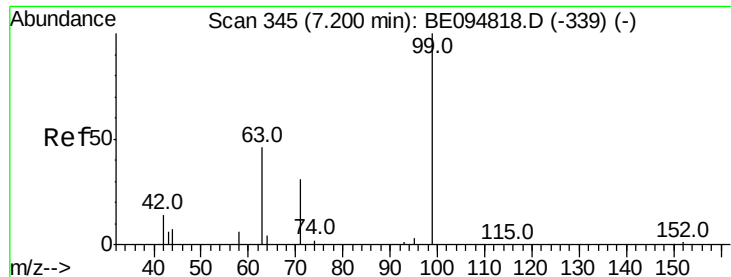
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->

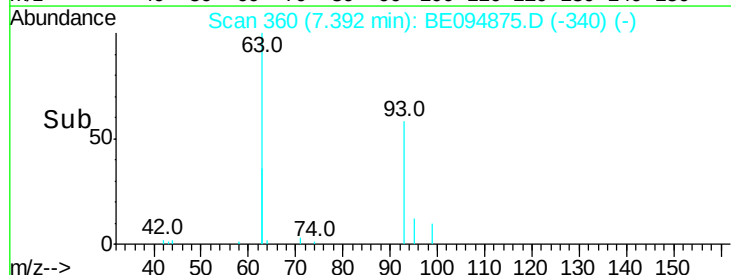
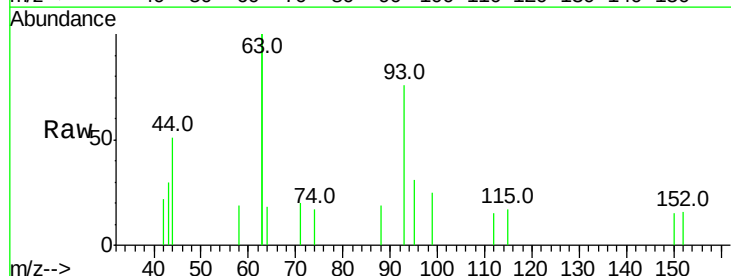
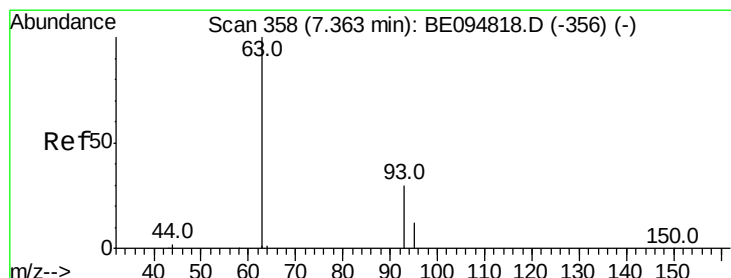
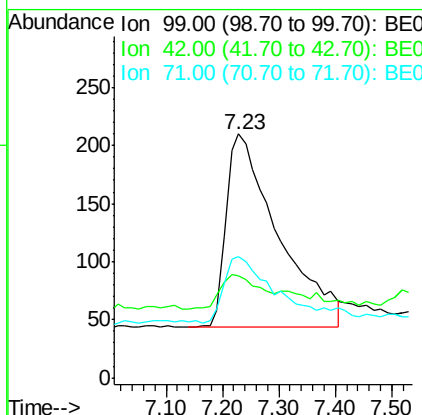




#5
Phenol-d6
Concen: 0.361 ng
RT: 7.23 min Scan# 347
Delta R.T. 0.09 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

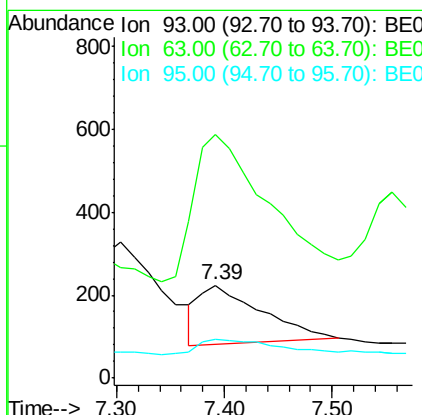
Instrument :
BNA_E
ClientSampled :

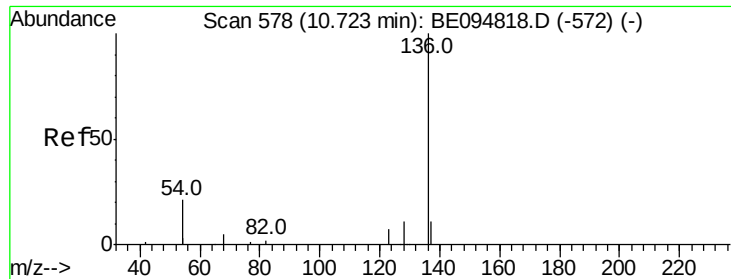
Tot Ion: 99 Resp: 1063
Ion Ratio Lower Upper
99 100
42 13.5 20.2 30.2#
71 34.4 28.4 42.6



#6
bis(2-Chloroethyl)ether
Concen: 0.246 ng
RT: 7.39 min Scan# 360
Delta R.T. 0.05 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion: 93 Resp: 560
Ion Ratio Lower Upper
93 100
63 308.4 275.3 412.9
95 32.5 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: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3743

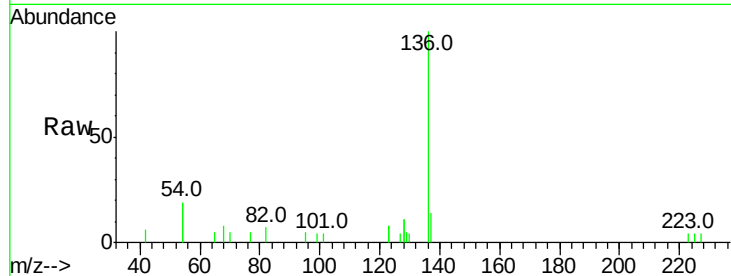
Ion Ratio Lower Upper

136 100

137 14.3 9.5 14.3#

54 37.5 29.1 43.7

68 8.1 6.2 9.2

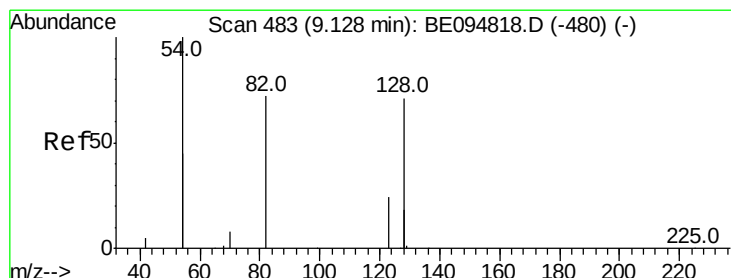
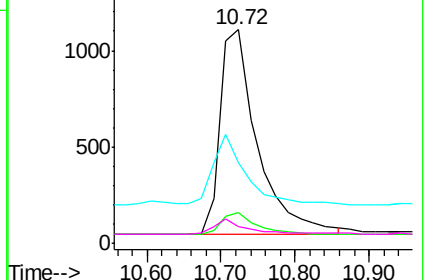
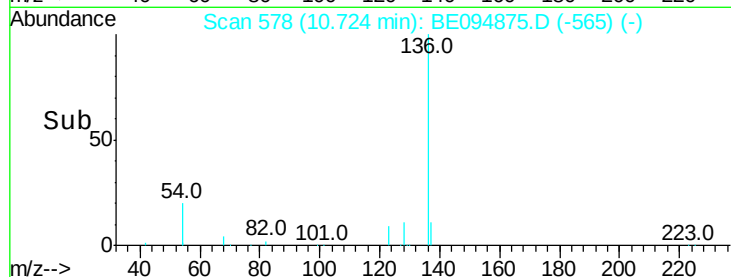


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.279 ng

RT: 9.16 min Scan# 485

Delta R.T. 0.08 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

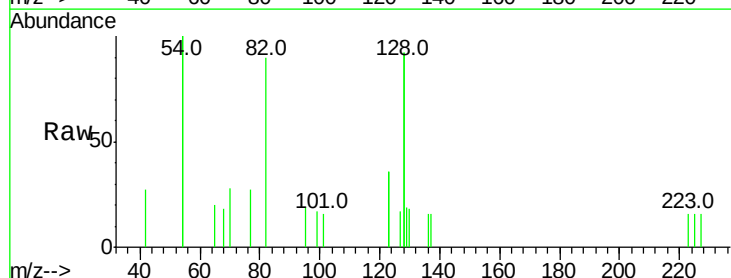
Tgt Ion: 82 Resp: 834

Ion Ratio Lower Upper

82 100

128 204.1 150.0 225.0

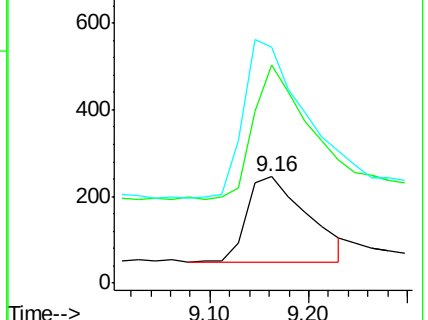
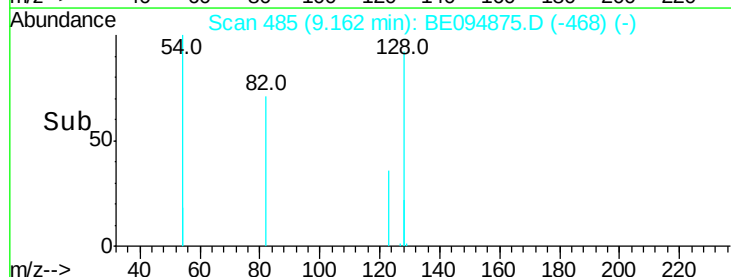
54 222.0 154.2 231.4

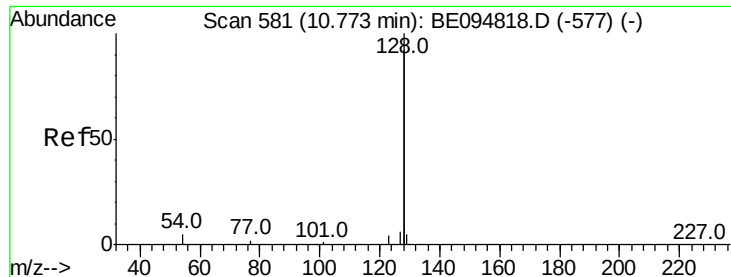


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.338 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

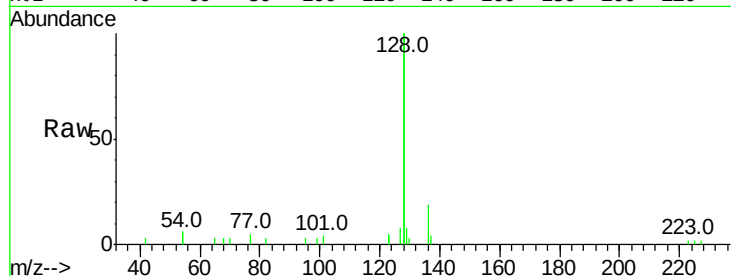
Tot Ion:128 Resp: 14334

Ion Ratio Lower Upper

128 100

129 3.9 2.6 3.8#

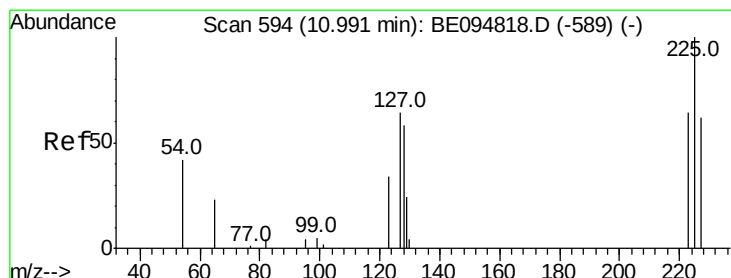
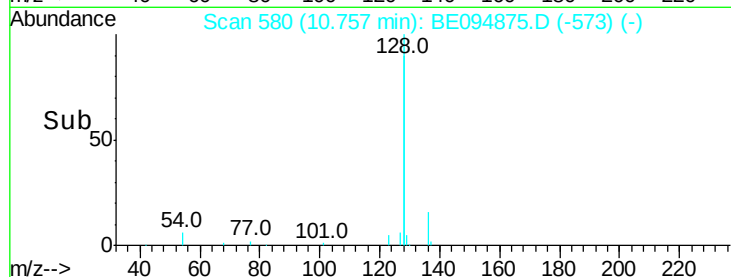
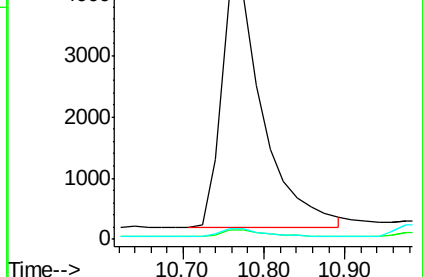
127 4.2 2.8 4.2



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: 0.382 ng

RT: 10.99 min Scan# 594

Delta R.T. -0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

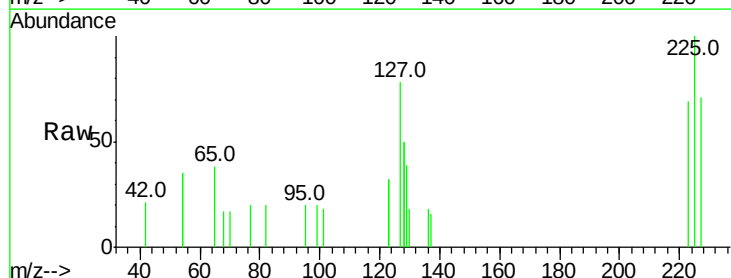
Tgt Ion:225 Resp: 585

Ion Ratio Lower Upper

225 100

223 65.3 53.0 79.6

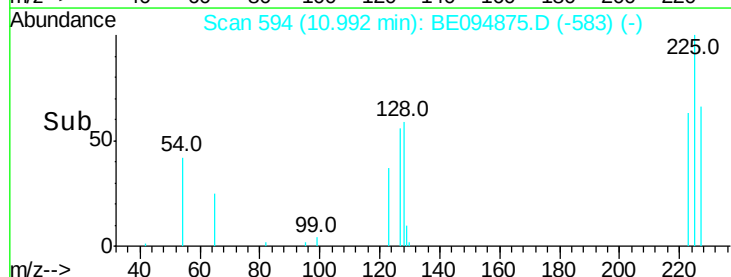
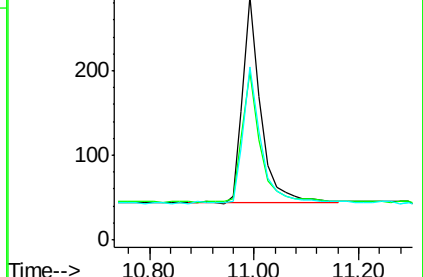
227 64.3 51.4 77.2

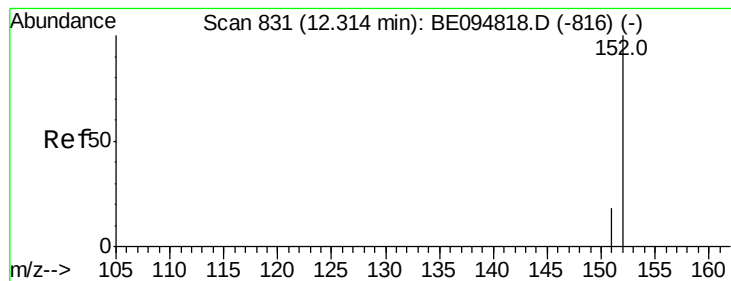


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.31 min Scan# 831

Delta R.T. 0.03 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

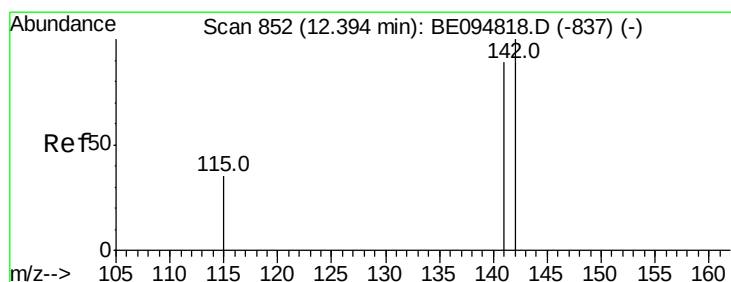
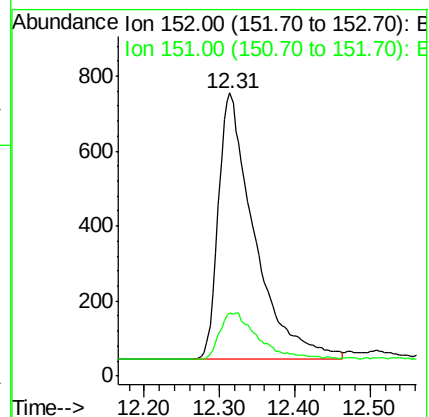
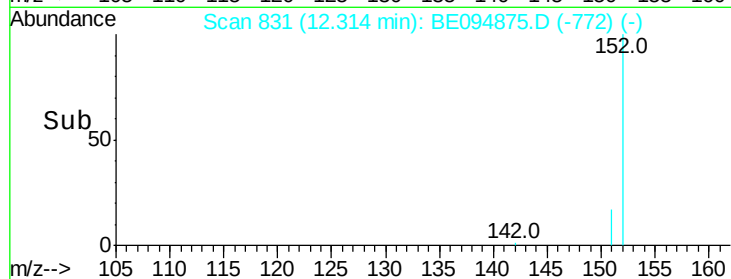
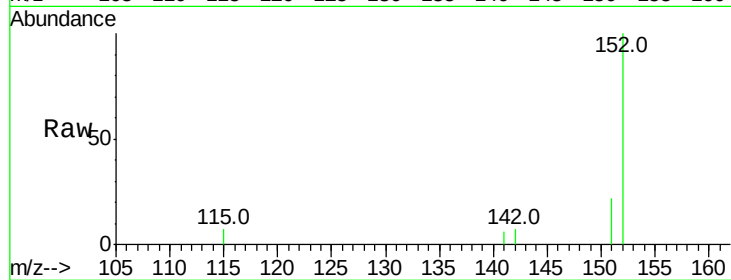
ClientSampleId :

Tot Ion:152 Resp: 2359

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.39 min Scan# 851

Delta R.T. 0.03 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

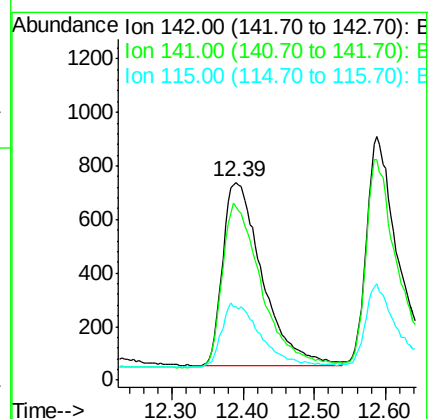
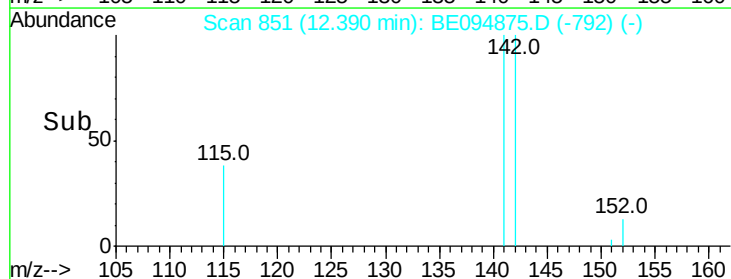
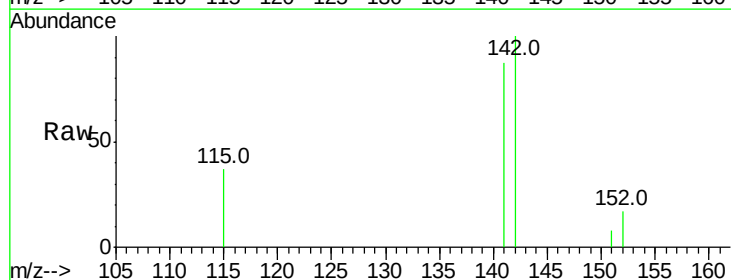
Tgt Ion:142 Resp: 2648

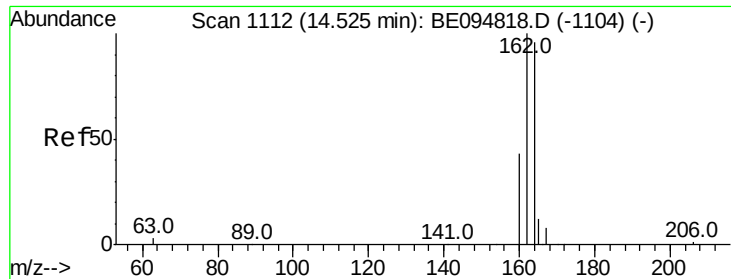
Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6

115 36.9 31.7 47.5

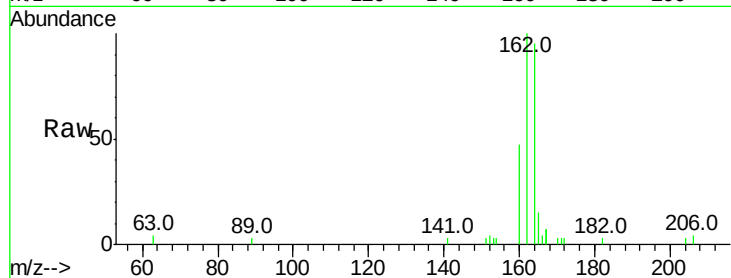




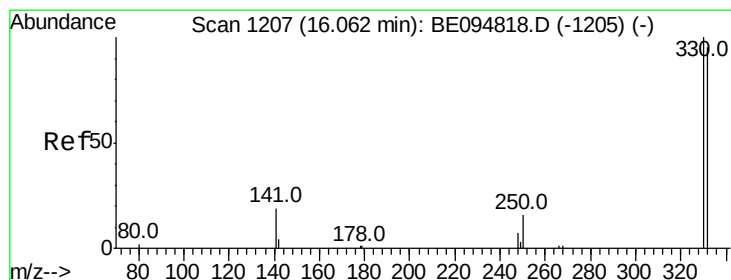
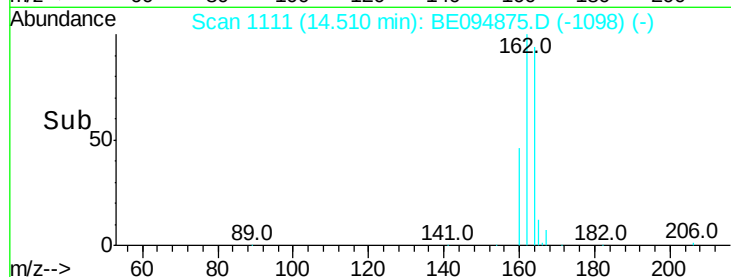
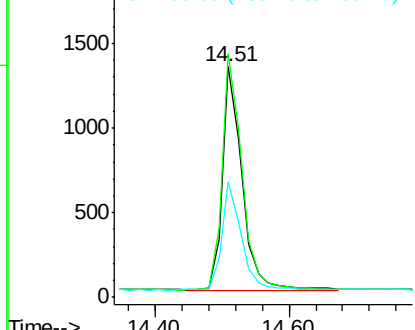
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE094875.D
 Acq: 27 Nov 2017 16:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2682
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.1 124.7
 160 50.2 37.1 55.7

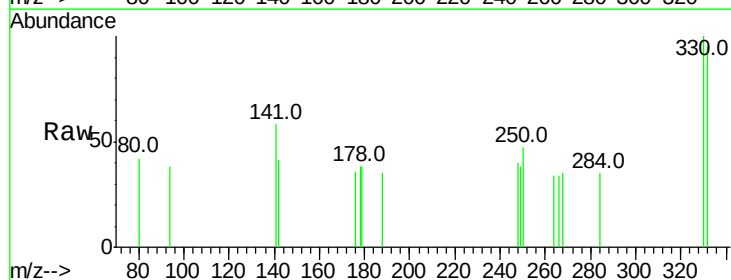


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

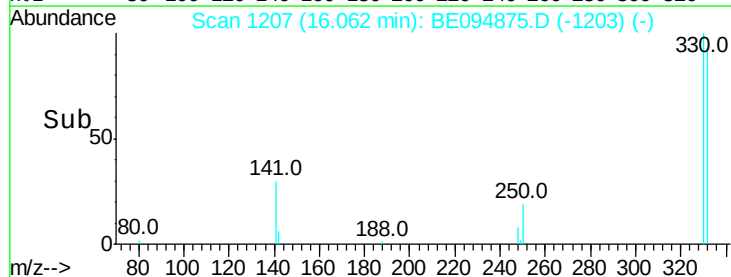
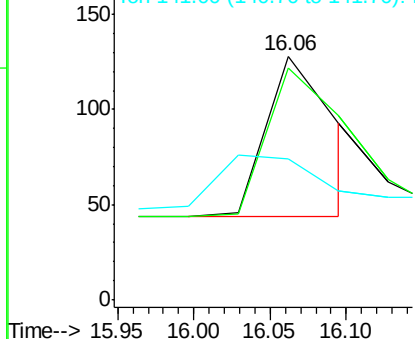


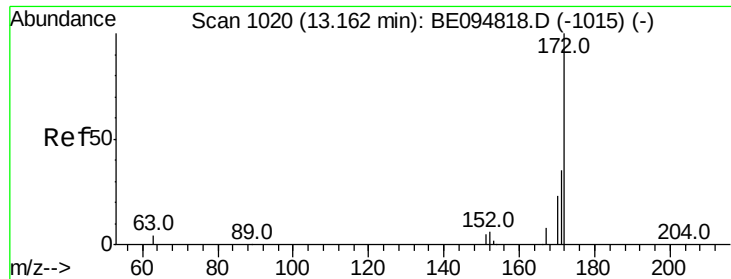
#14
 2,4,6-Tribromophenol
 Concen: 0.357 ng
 RT: 16.06 min Scan# 1207
 Delta R.T. 0.03 min
 Lab File: BE094875.D
 Acq: 27 Nov 2017 16:42

Tgt Ion:330 Resp: 264
 Ion Ratio Lower Upper
 330 100
 332 97.7 152.7 229.1#
 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

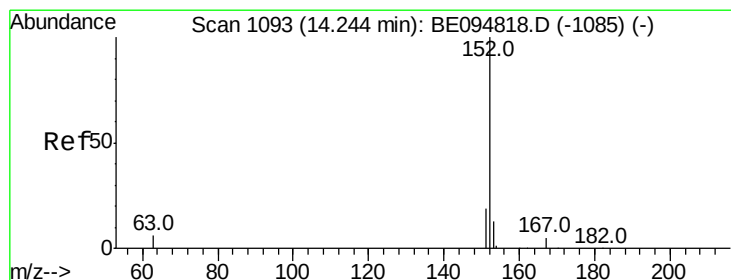
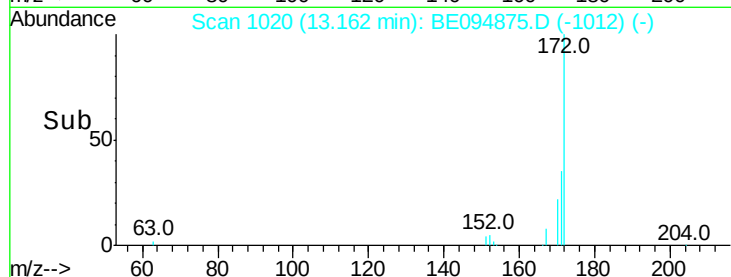
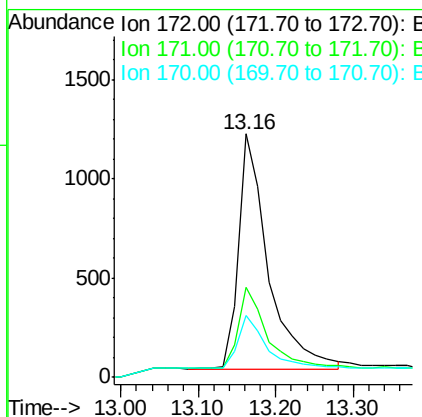
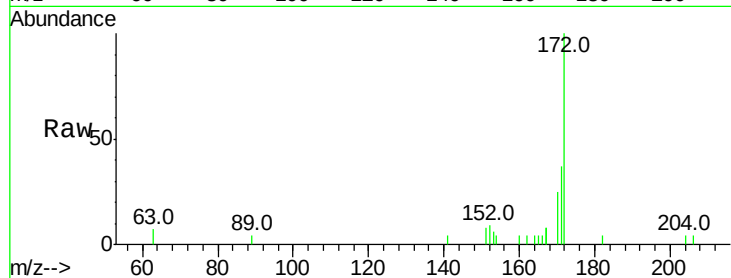




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

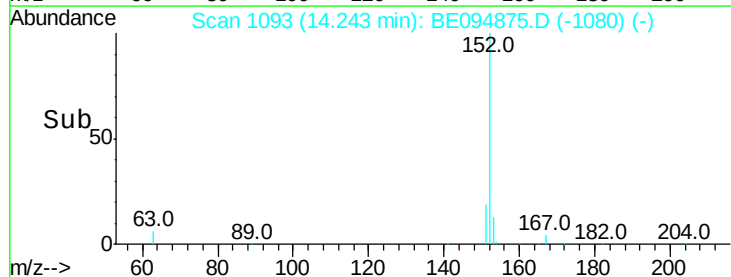
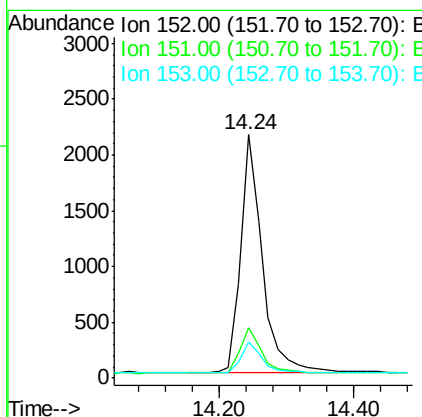
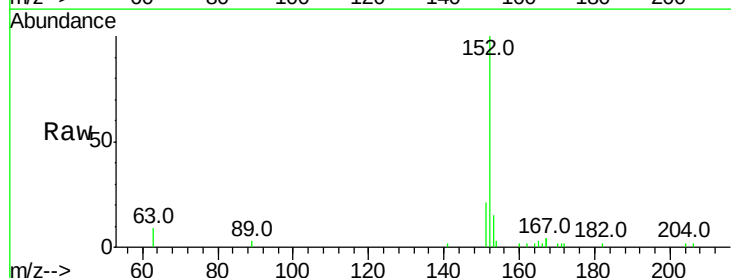
Instrument :
BNA_E
ClientSampleId :

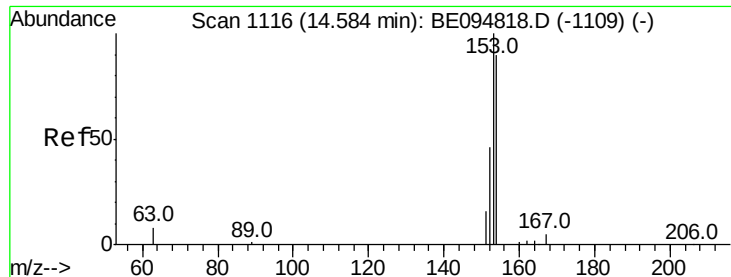
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	25.2	21.8	32.8



#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.2	10.5	15.7

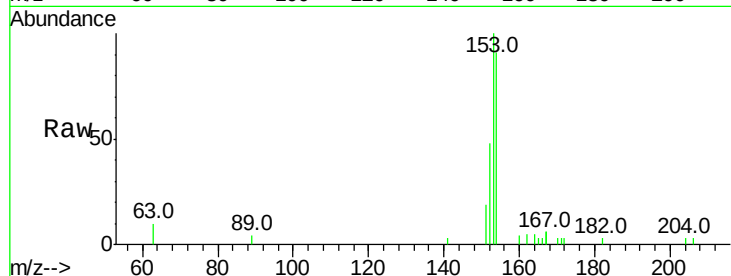




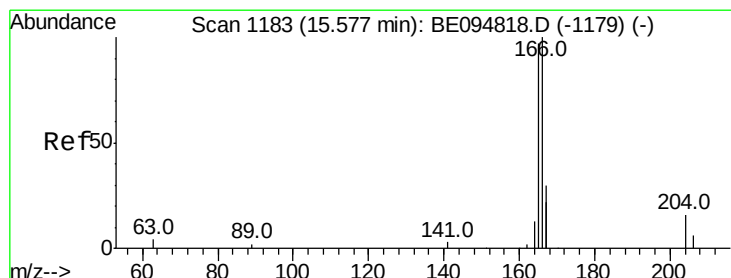
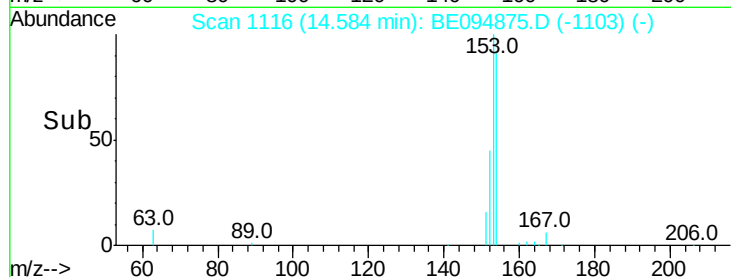
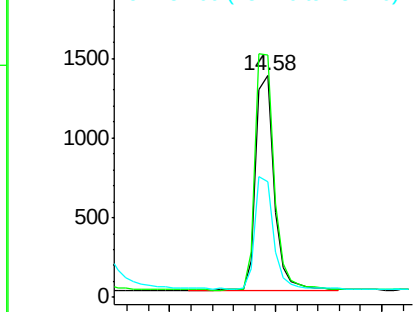
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 3186
Ion Ratio Lower Upper
154 100
153 113.6 89.2 133.8
152 52.6 42.0 63.0

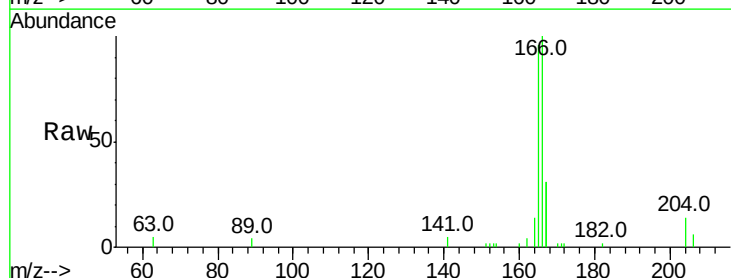


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

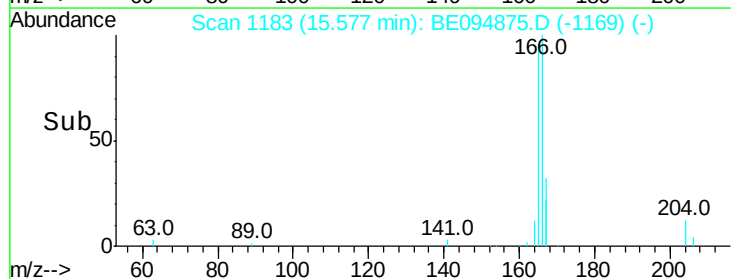
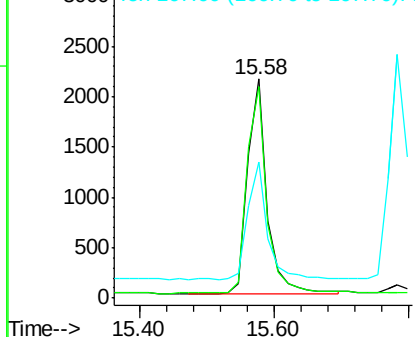


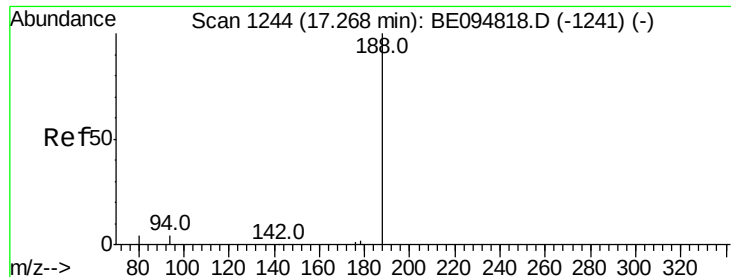
#18
Fluorene
Concen: 0.367 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion:166 Resp: 4280
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.6
167 54.7 42.4 63.6



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

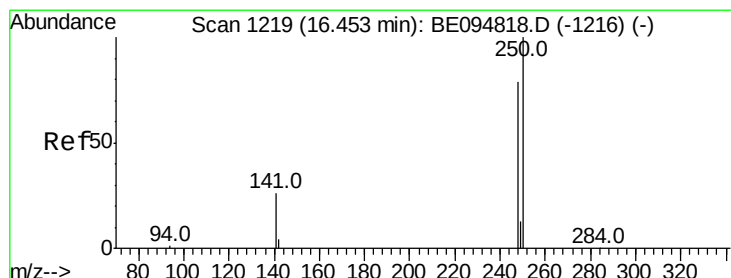
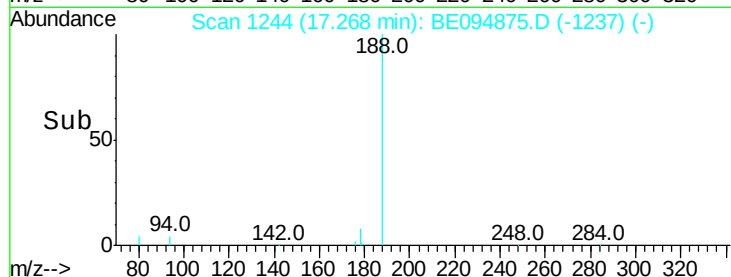
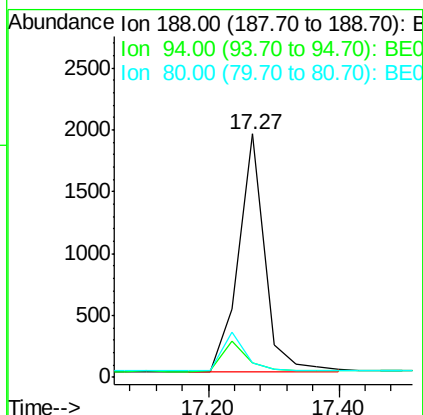
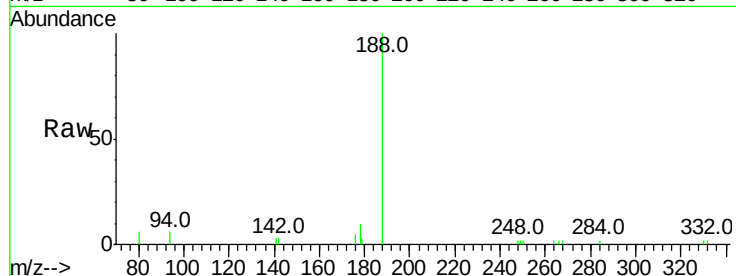




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

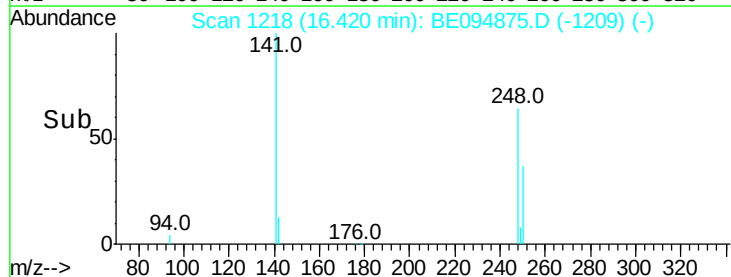
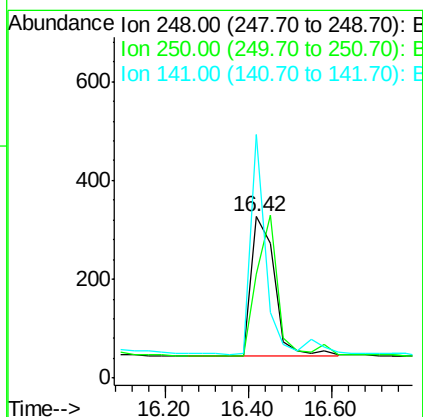
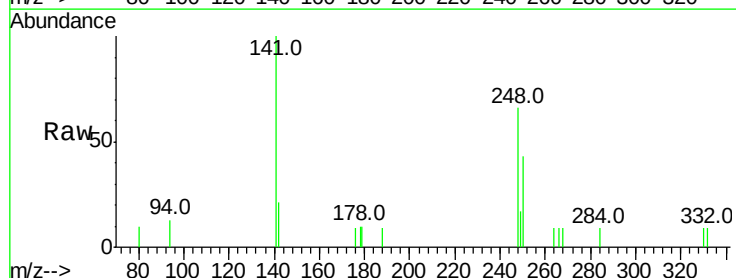
Instrument :
BNA_E
ClientSampleId :

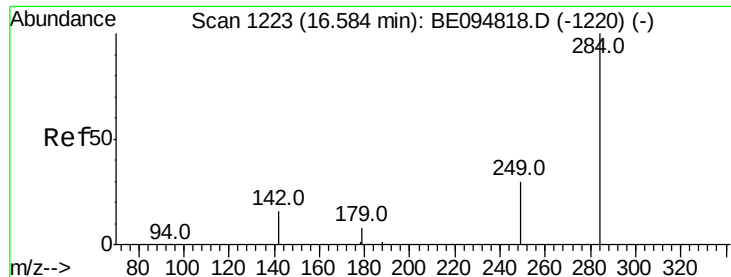
Tot Ion:188 Resp: 5421
Ion Ratio Lower Upper
188 100
94 6.0 3.9 5.9#
80 6.0 3.6 5.4#



#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion:248 Resp: 1121
Ion Ratio Lower Upper
248 100
250 64.4 62.7 94.1
141 151.2 48.2 72.2#

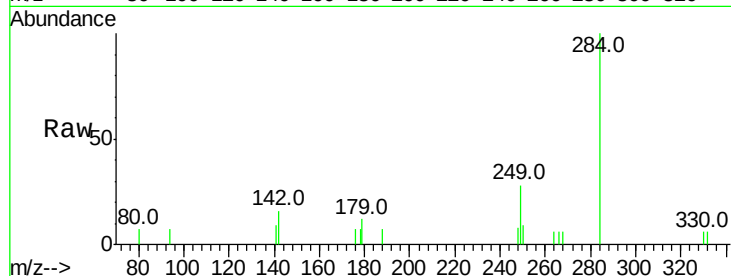




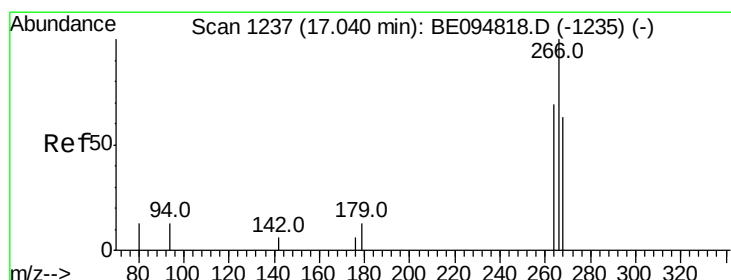
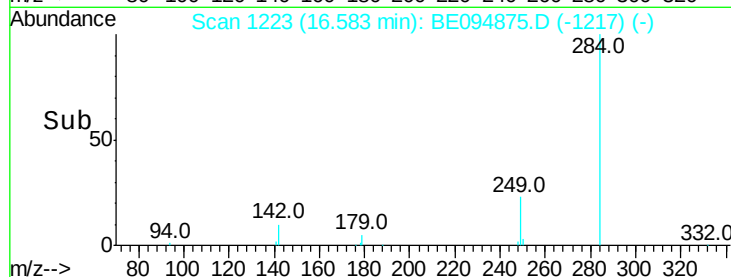
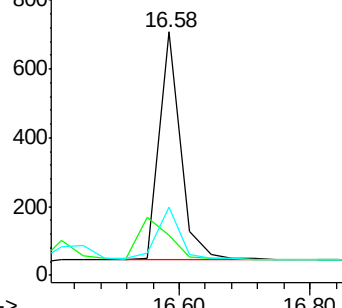
#21
Hexachlorobenzene
Concen: 0.587 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1520
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 24.3 34.8 52.2#

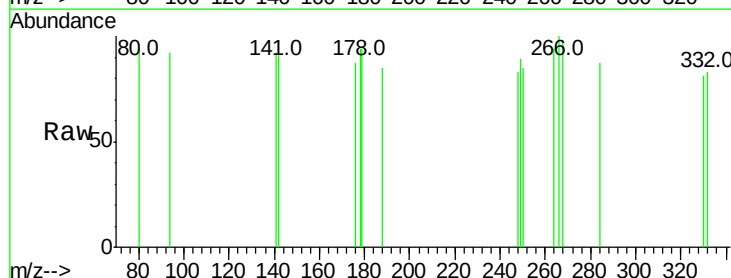


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

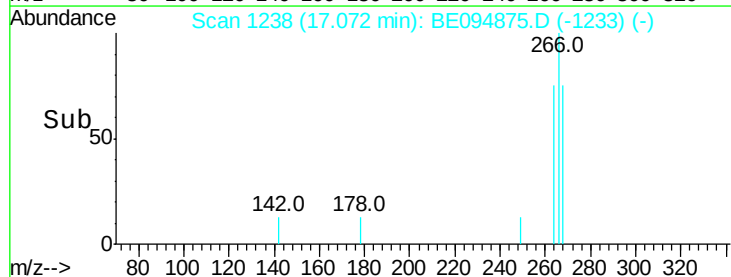
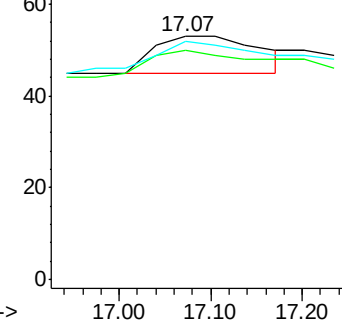


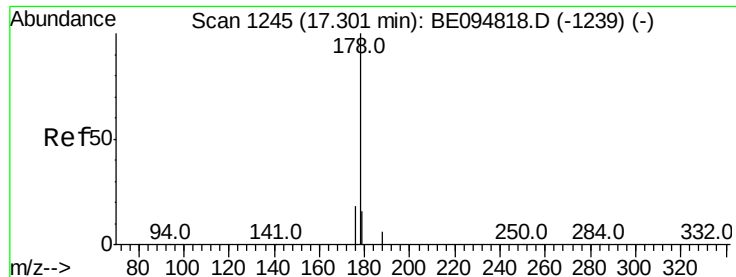
#22
Pentachlorophenol
Concen: 0.196 ng
RT: 17.07 min Scan# 1238
Delta R.T. 0.07 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion:266 Resp: 65
Ion Ratio Lower Upper
266 100
264 94.3 72.5 108.7
268 98.1 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: 0.524 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

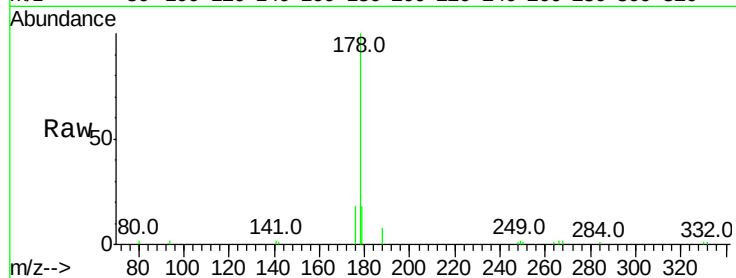
Tot Ion:178 Resp: 7300

Ion Ratio Lower Upper

178 100

176 17.1 15.1 22.7

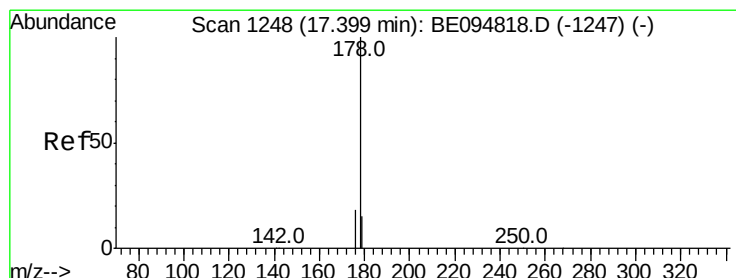
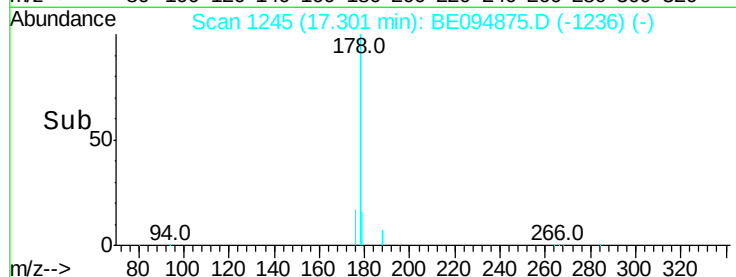
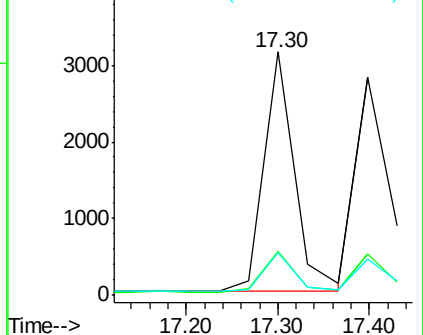
179 16.1 11.8 17.6



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: 0.477 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

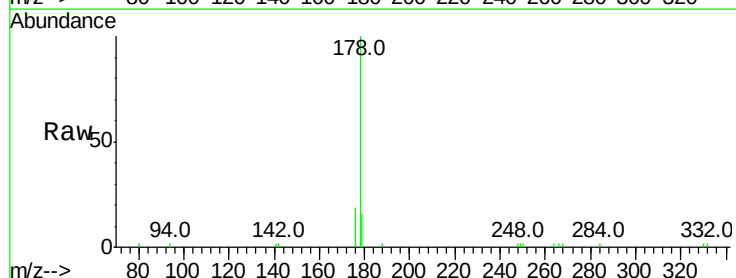
Tgt Ion:178 Resp: 7592

Ion Ratio Lower Upper

178 100

176 17.2 12.8 19.2

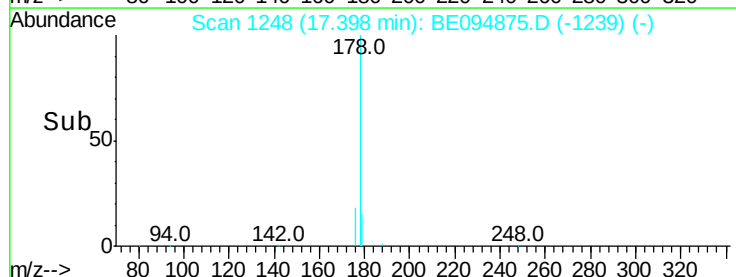
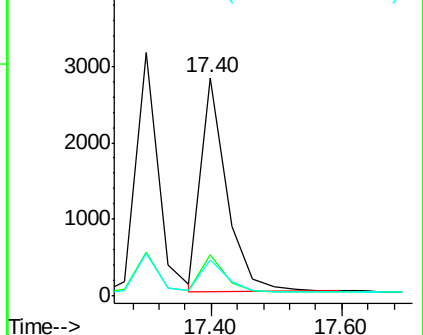
179 15.4 13.0 19.6

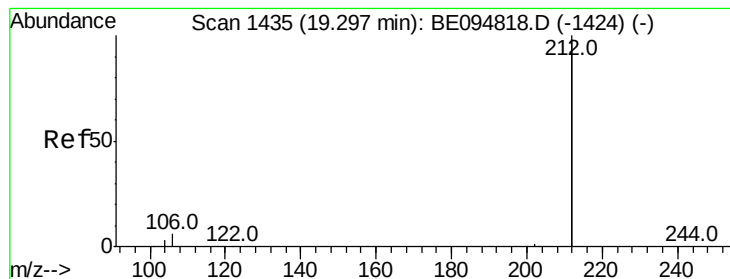


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

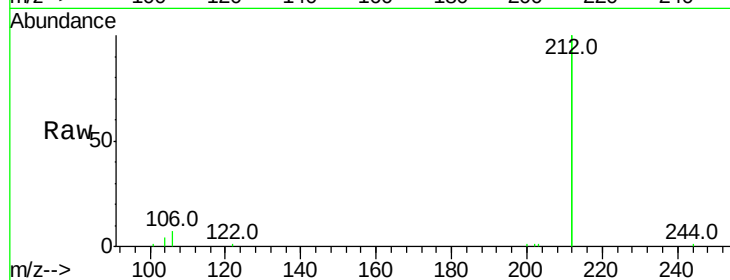
Tot Ion:212 Resp: 29486

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

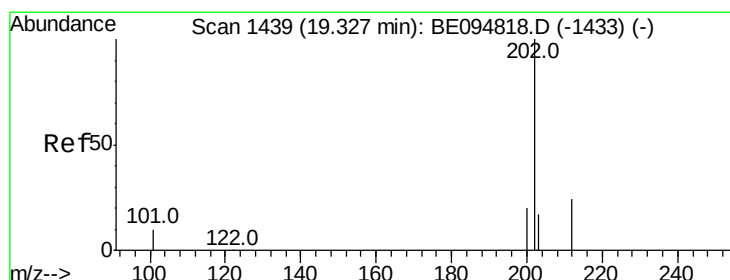
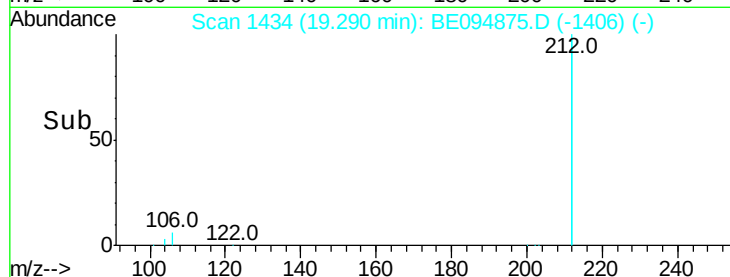
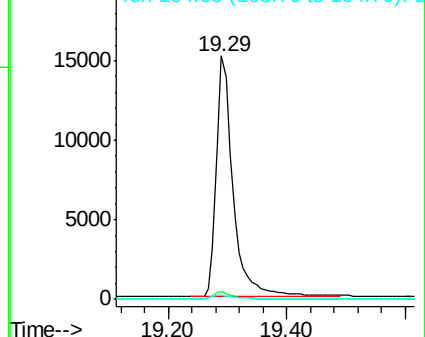
104 1.6 1.6 2.4



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: 0.437 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

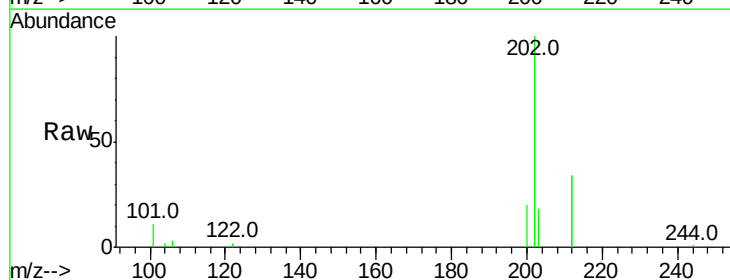
Tgt Ion:202 Resp: 8734

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

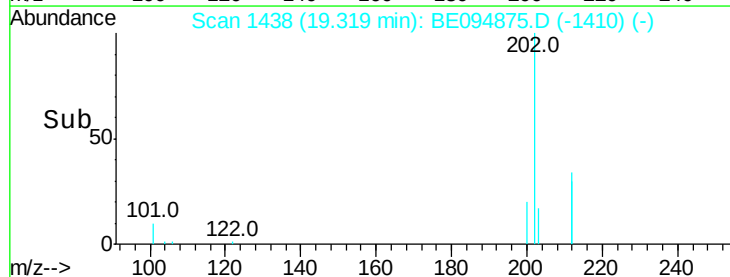
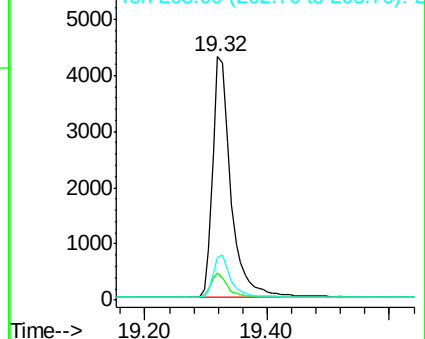
203 17.1 13.7 20.5

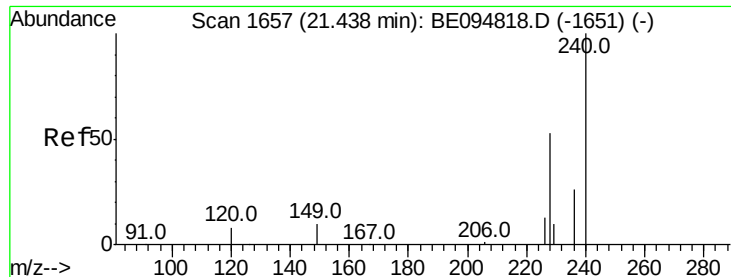


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

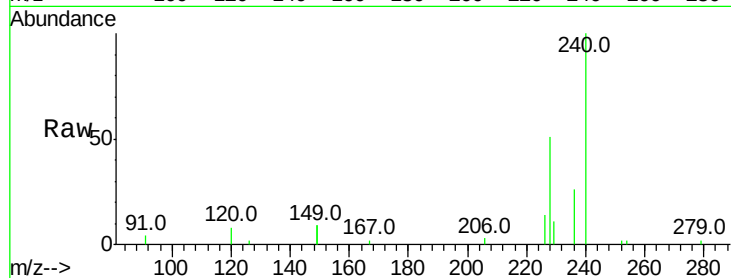




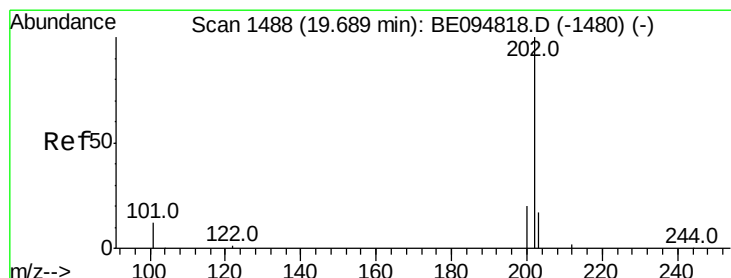
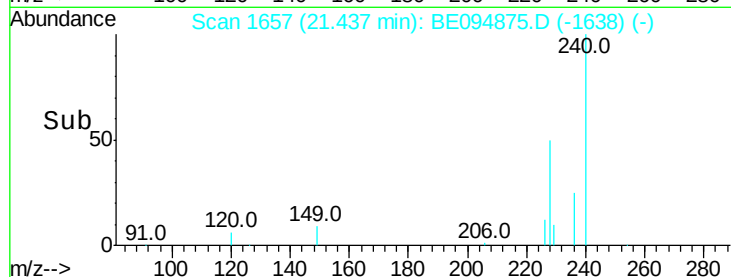
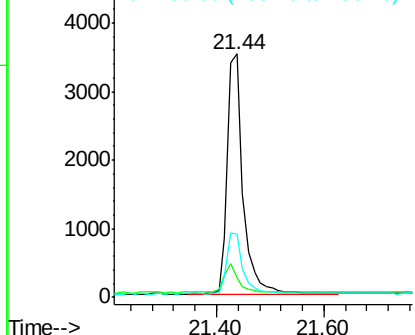
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 7131
Ion Ratio Lower Upper
240 100
120 8.1 5.5 8.3
236 26.0 20.7 31.1

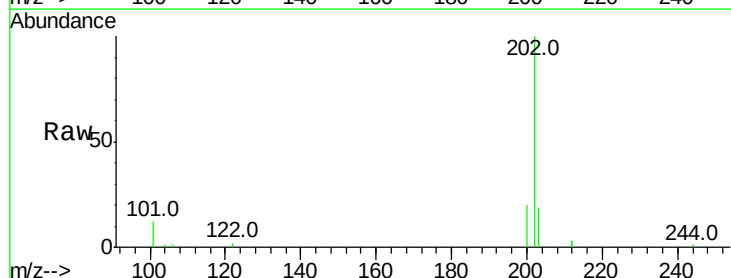


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

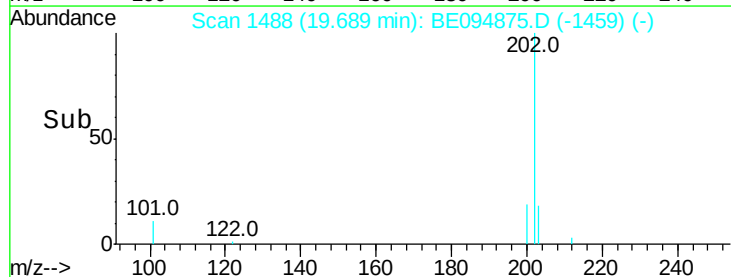
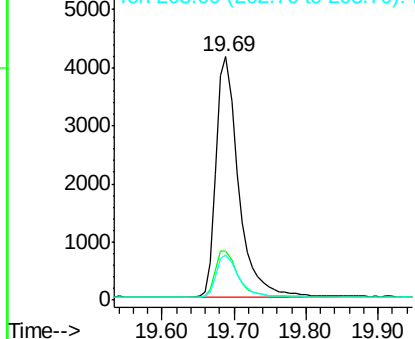


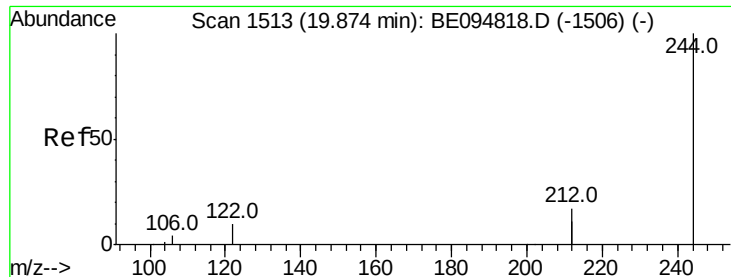
#28
Pyrene
Concen: 0.360 ng
RT: 19.69 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BE094875.D
Acq: 27 Nov 2017 16:42

Tgt Ion:202 Resp: 8967
Ion Ratio Lower Upper
202 100
200 20.0 16.6 25.0
203 17.7 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





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

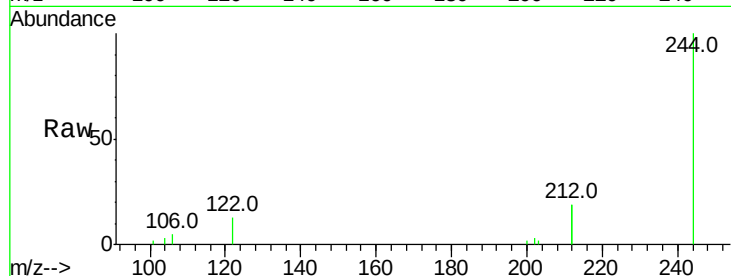
Tot Ion:244 Resp: 4839

Ion Ratio Lower Upper

244 100

212 37.8 25.4 38.0

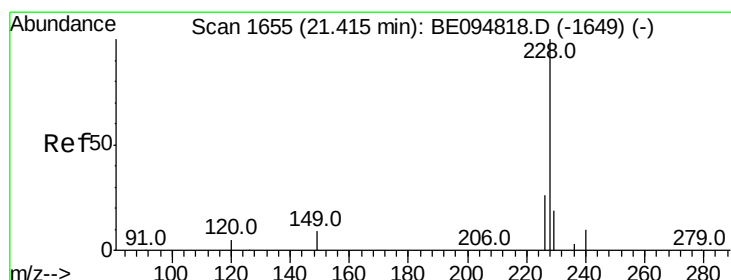
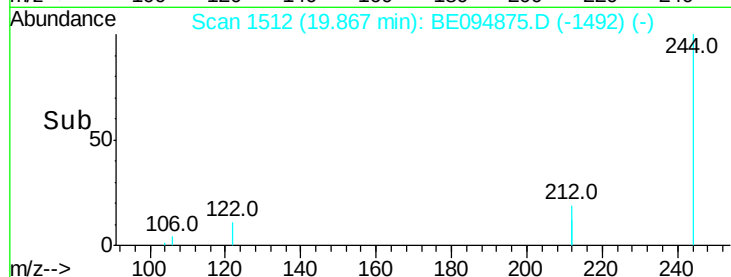
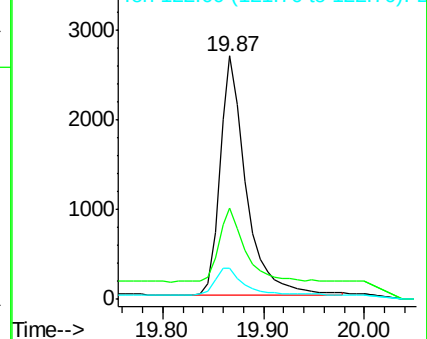
122 12.9 8.1 12.1#



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: 0.359 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

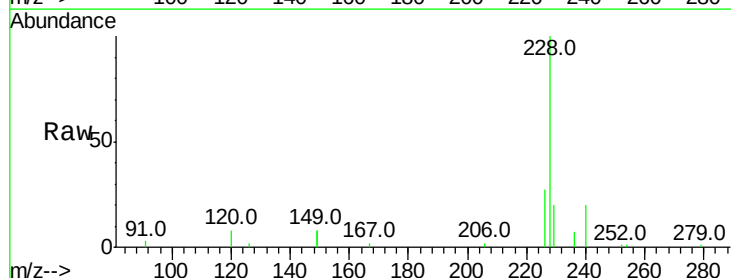
Tgt Ion:228 Resp: 8340

Ion Ratio Lower Upper

228 100

226 26.6 40.0 60.0#

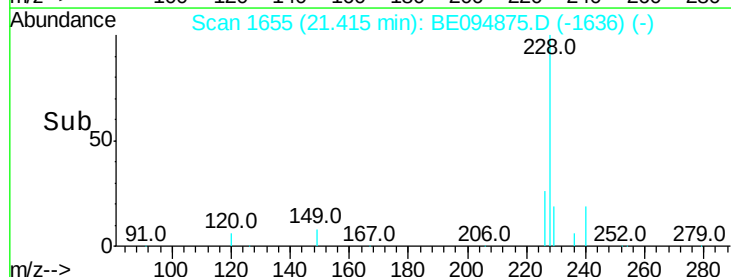
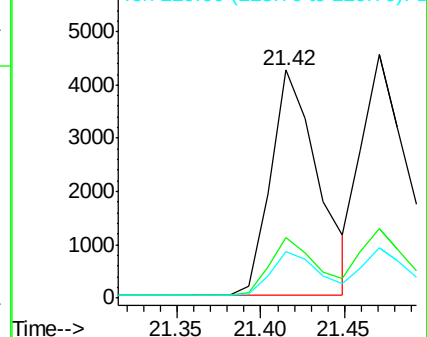
229 20.2 40.0 60.0#

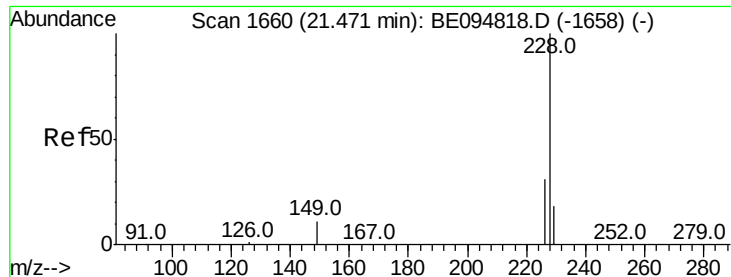


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

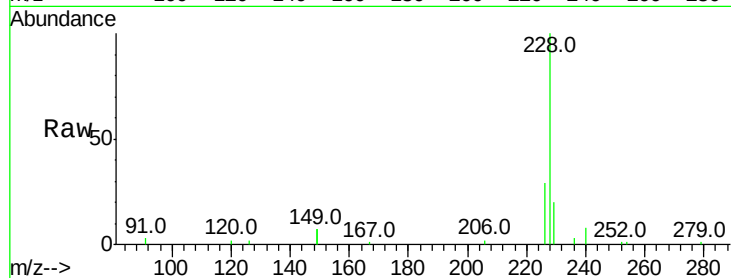
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 9214

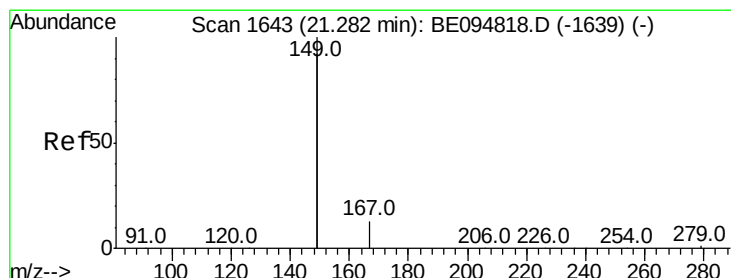
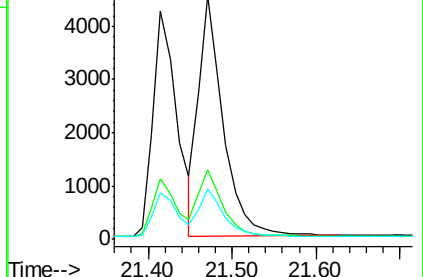
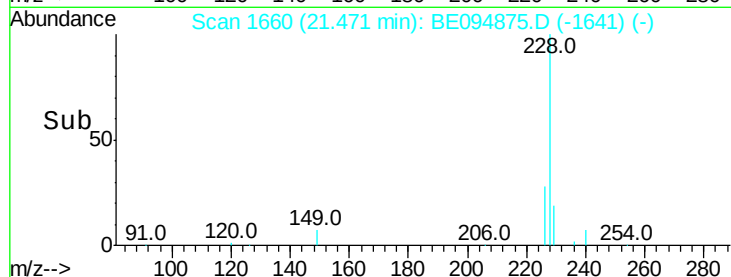
Ion	Ratio	Lower	Upper
228	100		
226	28.8	40.0	60.0#
229	20.5	40.0	60.0#



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: 0.285 ng

RT: 21.27 min Scan# 1642

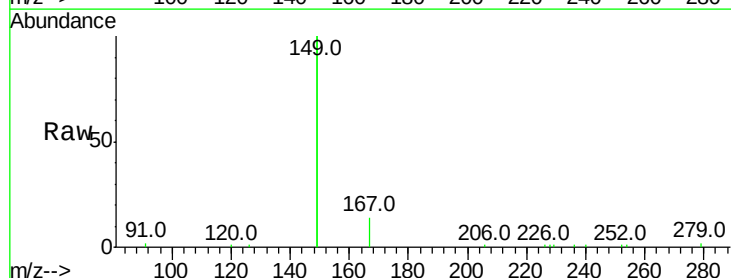
Delta R.T. -0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Tgt Ion:149 Resp: 16220

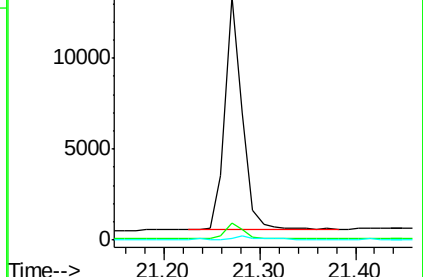
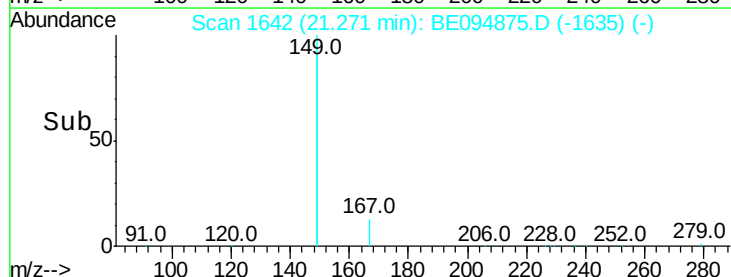
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.2	0.7	1.1#

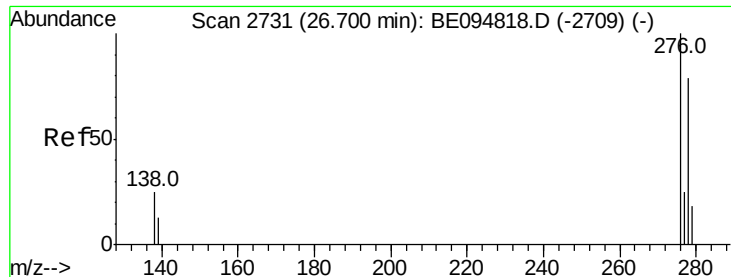


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.396 ng

RT: 26.68 min Scan# 2727

Delta R.T. 0.05 min

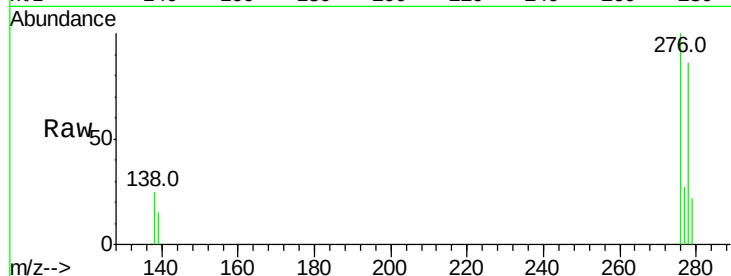
Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :



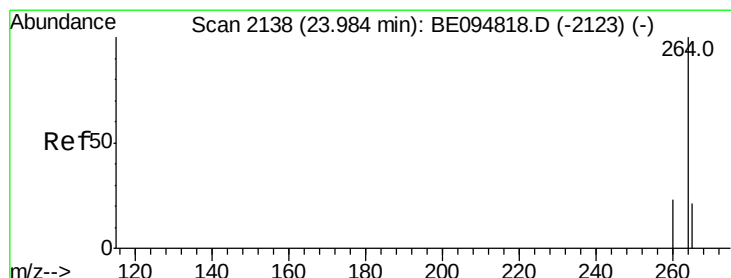
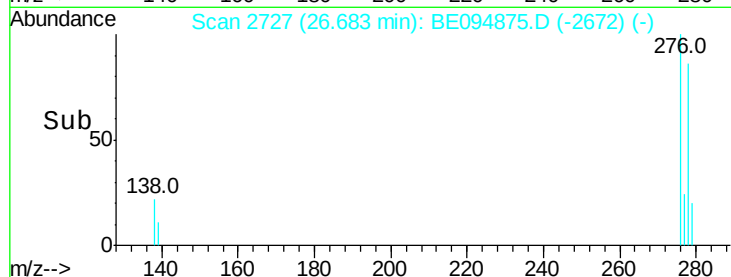
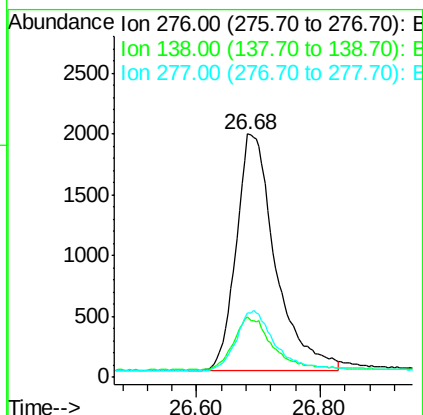
Tot Ion:276 Resp: 8625

Ion Ratio Lower Upper

276 100

138 21.6 22.5 33.7#

277 25.2 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2136

Delta R.T. 0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

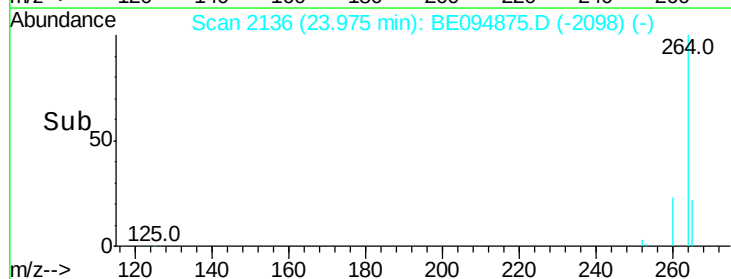
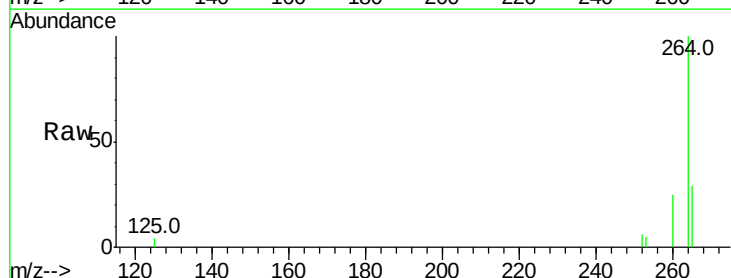
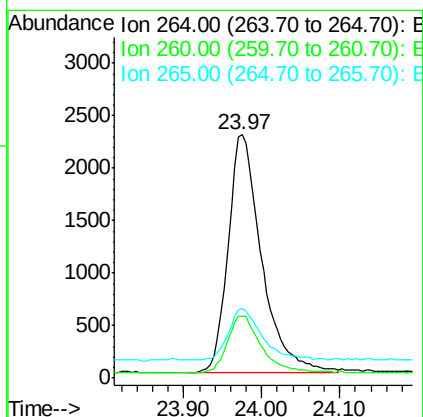
Tgt Ion:264 Resp: 6745

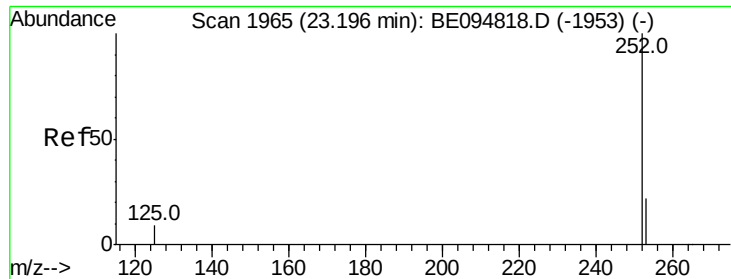
Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 28.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

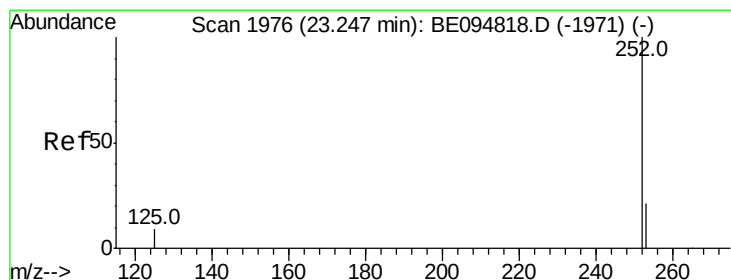
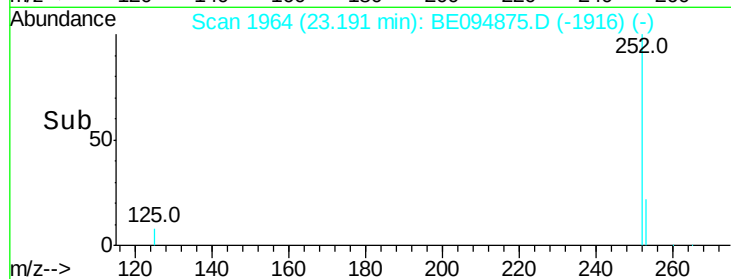
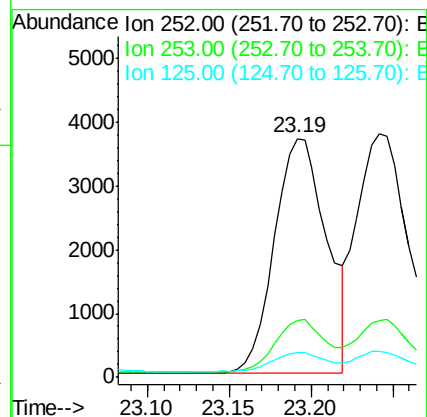
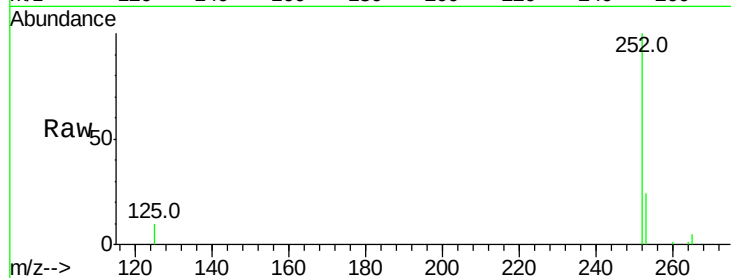
Tot Ion:252 Resp: 8144

Ion Ratio Lower Upper

252 100

253 23.7 48.0 72.0#

125 10.4 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.386 ng

RT: 23.24 min Scan# 1975

Delta R.T. 0.02 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

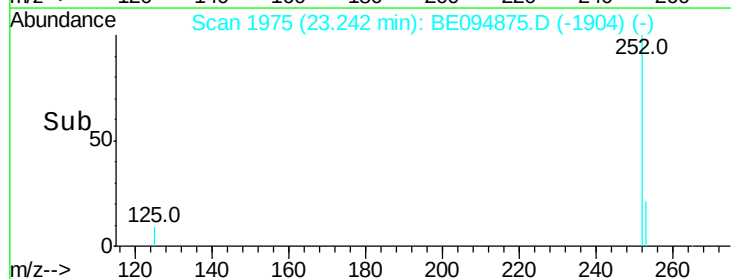
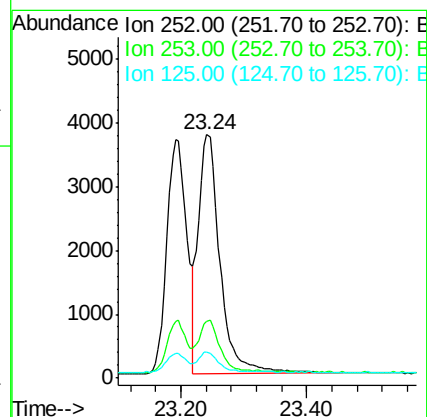
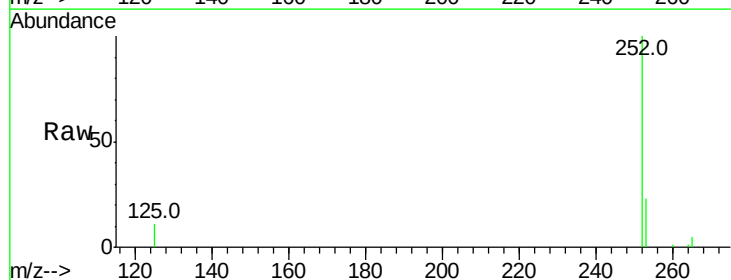
Tgt Ion:252 Resp: 8962

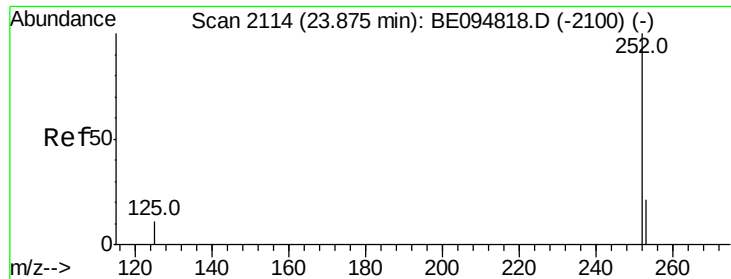
Ion Ratio Lower Upper

252 100

253 23.3 48.0 72.0#

125 10.9 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.87 min Scan# 2113

Delta R.T. 0.03 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :

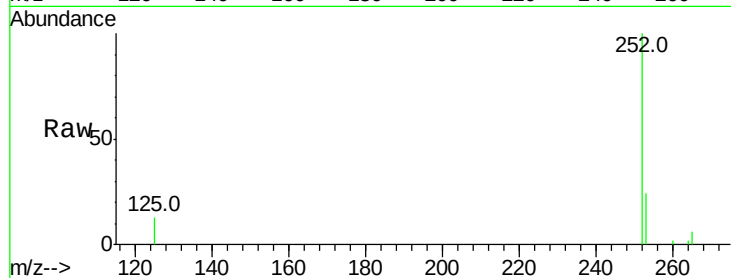
Tot Ion:252 Resp: 8059

Ion Ratio Lower Upper

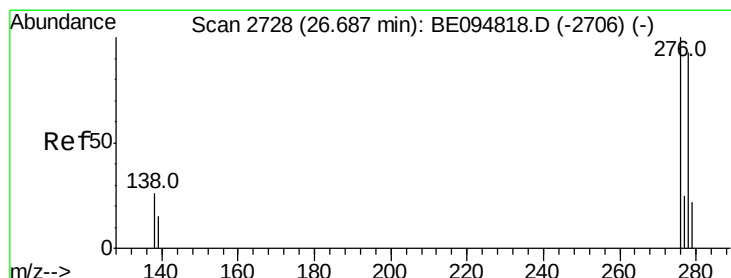
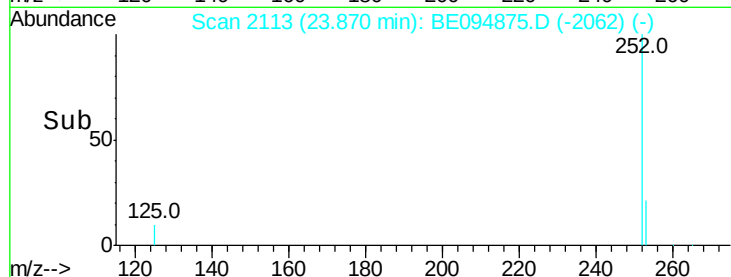
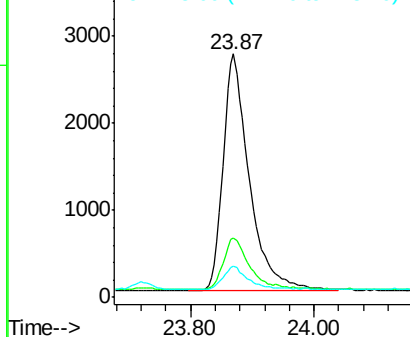
252 100

253 24.1 52.0 78.0#

125 12.8 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: 0.387 ng

RT: 26.68 min Scan# 2727

Delta R.T. 0.04 min

Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

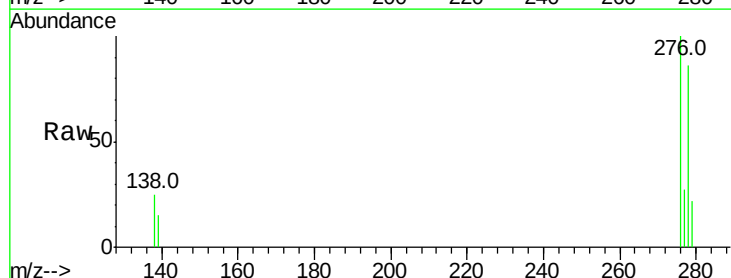
Tgt Ion:278 Resp: 7364

Ion Ratio Lower Upper

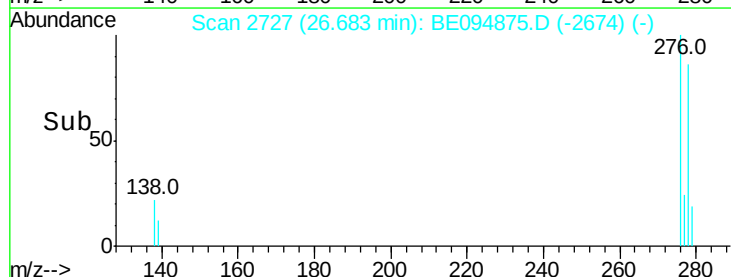
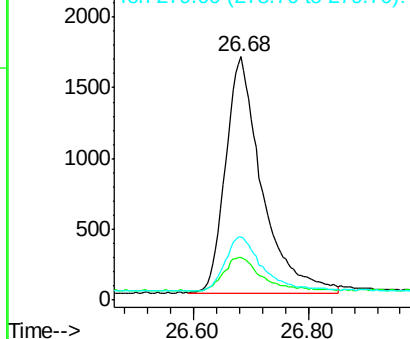
278 100

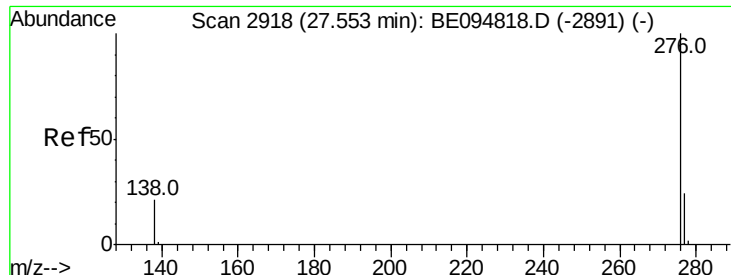
139 17.4 56.0 84.0#

279 25.8 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: 0.426 ng

RT: 27.53 min Scan# 2914

Delta R.T. 0.07 min

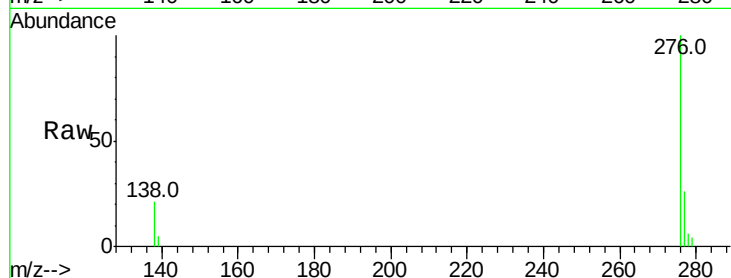
Lab File: BE094875.D

Acq: 27 Nov 2017 16:42

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 7570

Ion Ratio Lower Upper

276 100

277 26.1 52.0 78.0#

138 21.0 44.0 66.0#

