

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
 Data File : BE094863.D
 Acq On : 27 Nov 2017 9:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 27 11:24:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	567	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	3817	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	2628	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5460	0.40	ng	0.03
27) Chrysene-d12	21.43	240	7315	0.40	ng	0.00
34) Perylene-d12	23.97	264	6956	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	567	0.29	ng	0.09
5) Phenol-d6	7.21	99	1135	0.39	ng	0.08
8) Nitrobenzene-d5	9.15	82	881	0.29	ng	0.07
11) 2-Methylnaphthalene-d10	12.31	152	2342	0.38	ng	0.02
14) 2,4,6-Tribromophenol	16.06	330	270	0.37	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	3140	0.34	ng	0.01
25) Fluoranthene-d10	19.29	212	30317	0.46	ng	0.00
29) Terphenyl-d14	19.86	244	5039	0.37	ng	0.00

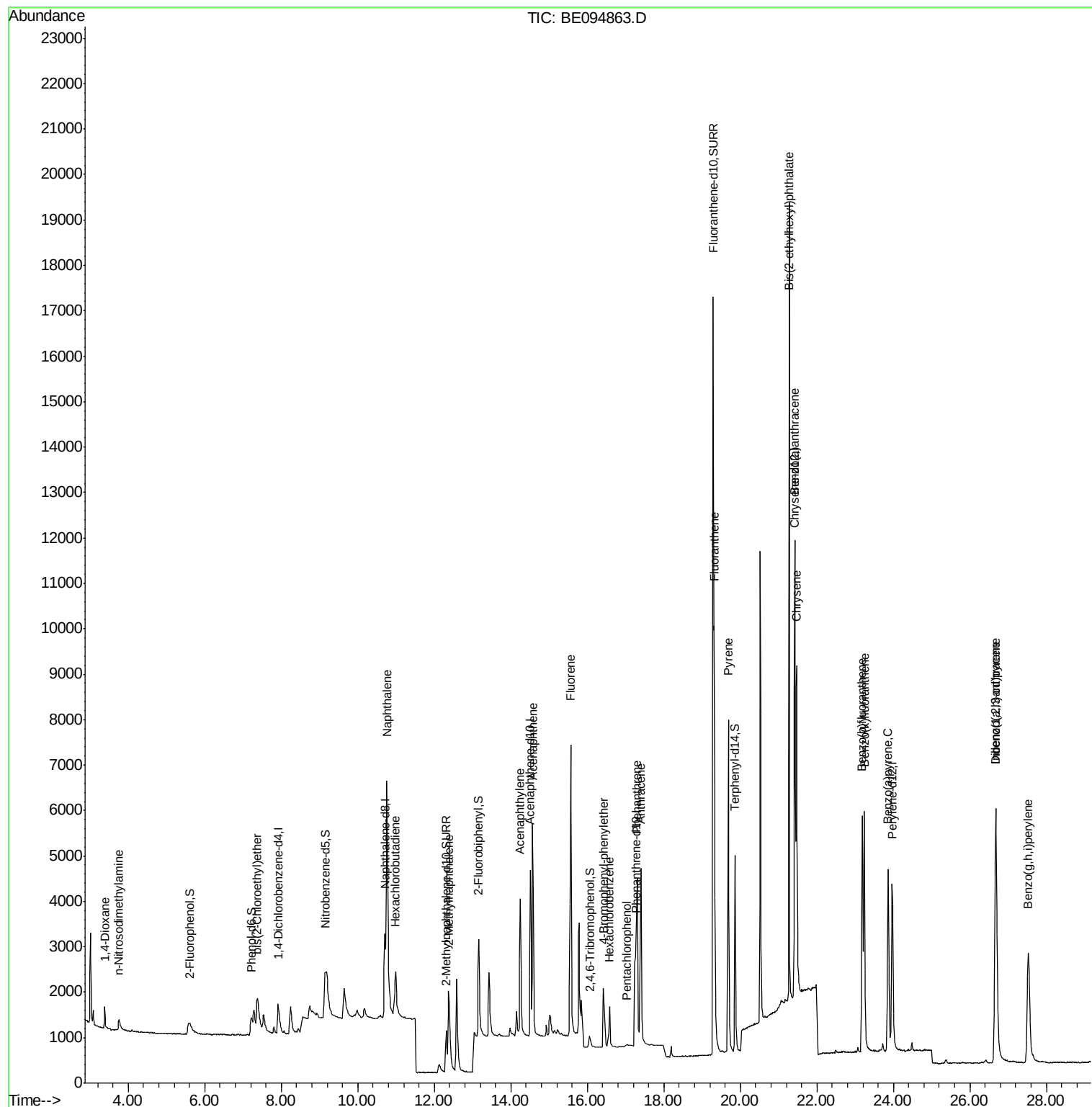
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	381	0.397	ng	# 87
3) n-Nitrosodimethylamine	3.75	42	283	0.308	ng	# 63
6) bis(2-Chloroethyl)ether	7.38	93	693	0.306	ng	77
9) Naphthalene	10.76	128	14599	0.338	ng	99
10) Hexachlorobutadiene	10.99	225	614	0.393	ng	99
12) 2-Methylnaphthalene	12.38	142	2681	0.366	ng	94
16) Acenaphthylene	14.24	152	4676	0.337	ng	99
17) Acenaphthene	14.57	154	3233	0.363	ng	99
18) Fluorene	15.56	166	4284	0.375	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	1189	0.400	ng	# 59
21) Hexachlorobenzene	16.58	284	1424	0.546	ng	# 62
22) Pentachlorophenol	17.04	266	61	0.183	ng	97
23) Phenanthrene	17.30	178	6664	0.468	ng	95
24) Anthracene	17.40	178	6915	0.431	ng	98
26) Fluoranthene	19.32	202	9038	0.452	ng	# 97
28) Pyrene	19.68	202	9416	0.368	ng	99
30) Benzo(a)anthracene	21.42	228	8802	0.370	ng	# 62
31) Chrysene	21.47	228	9664	0.400	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.27	149	19410	0.332	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.68	276	9062	0.406	ng	# 94
35) Benzo(b)fluoranthene	23.19	252	8679	0.386	ng	# 40
36) Benzo(k)fluoranthene	23.24	252	9163	0.382	ng	# 39
37) Benzo(a)pyrene	23.86	252	8434	0.386	ng	# 34
38) Dibenzo(a,h)anthracene	26.67	278	7760	0.396	ng	# 45
39) Benzo(g,h,i)perylene	27.53	276	7944	0.433	ng	# 53

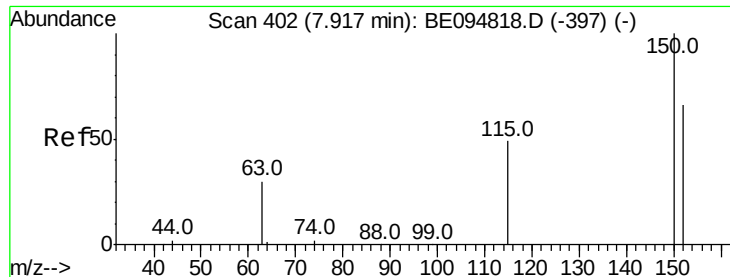
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
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Instrument :
BNA_E
ClientSampled :

Quant Time: Nov 27 11:24:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampled :

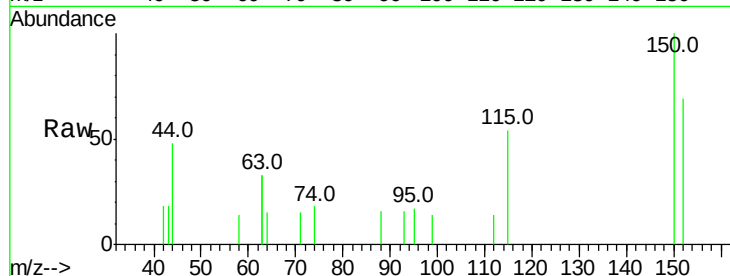
Tot Ion:152 Resp: 567

Ion Ratio Lower Upper

152 100

150 145.7 117.2 175.8

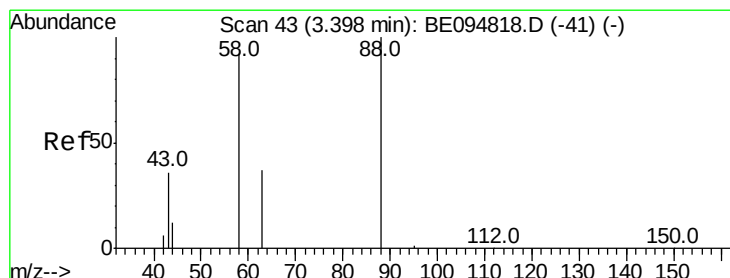
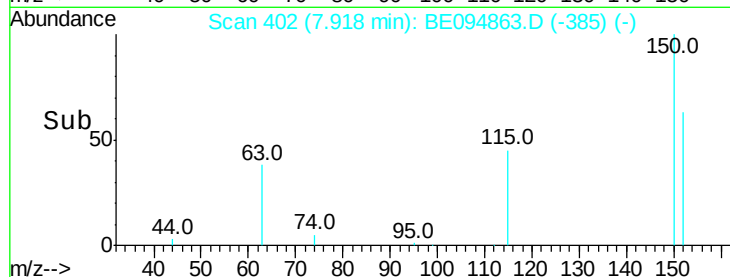
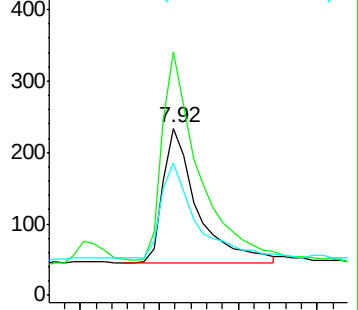
115 79.1 57.0 85.6



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: 0.397 ng

RT: 3.39 min Scan# 42

Delta R.T. -0.04 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

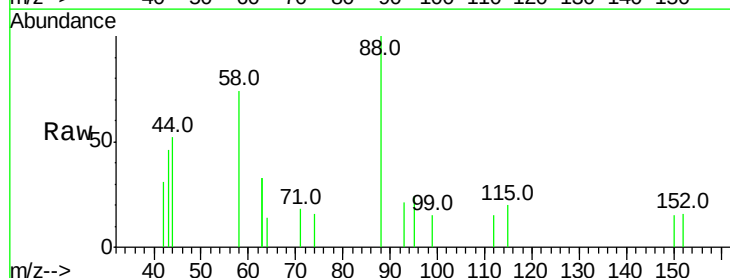
Tgt Ion: 88 Resp: 381

Ion Ratio Lower Upper

88 100

58 76.4 63.2 94.8

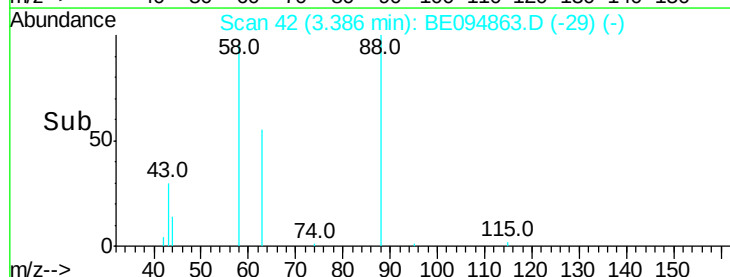
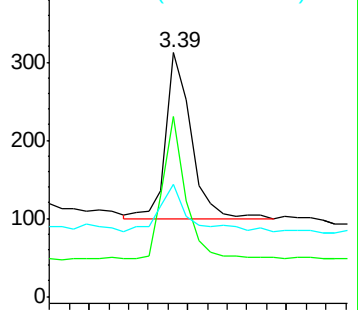
43 32.5 41.2 61.8#

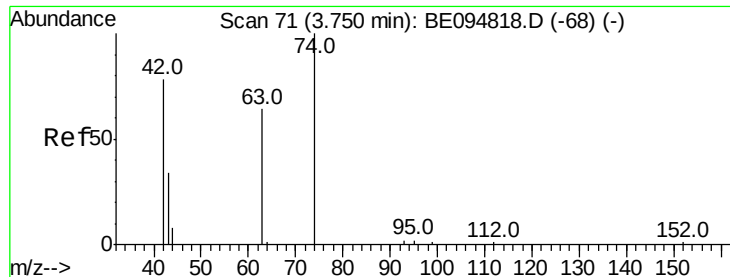


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.308 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

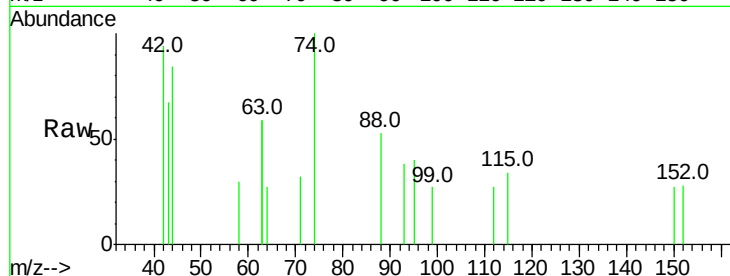
Tot Ion: 42 Resp: 283

Ion Ratio Lower Upper

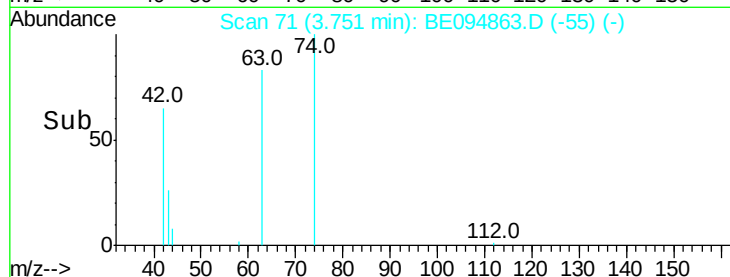
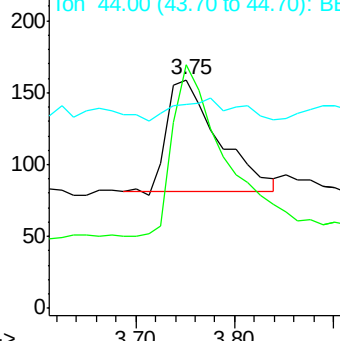
42 100

74 165.4 100.3 150.5#

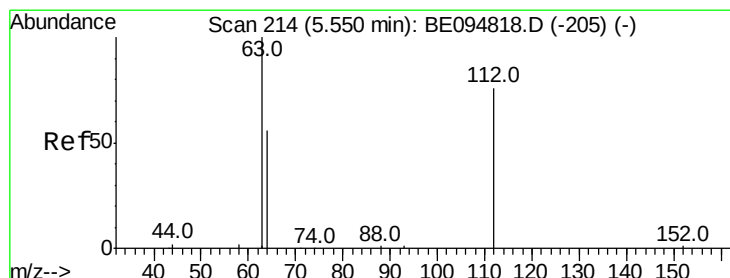
44 0.0 17.0 25.4#



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



Time-->



#4

2-Fluorophenol

Concen: 0.292 ng

RT: 5.61 min Scan# 219

Delta R.T. 0.09 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

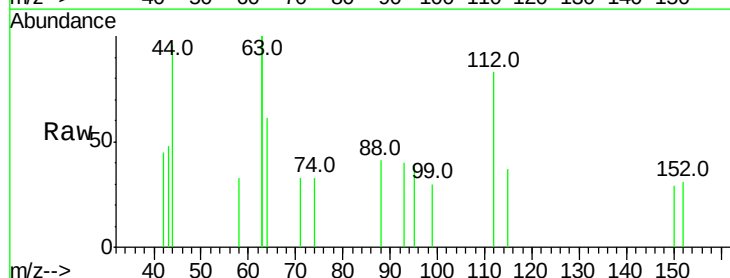
Tgt Ion: 112 Resp: 567

Ion Ratio Lower Upper

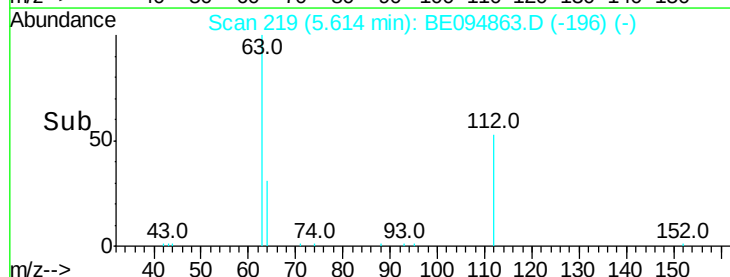
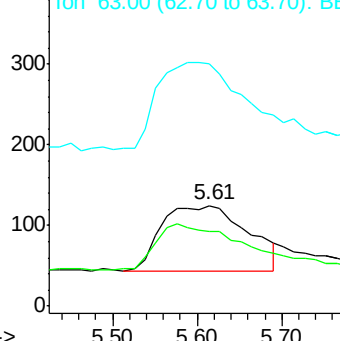
112 100

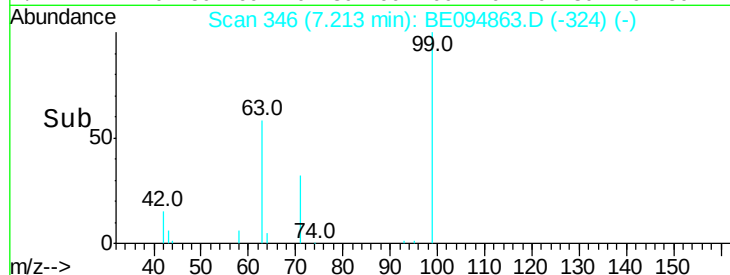
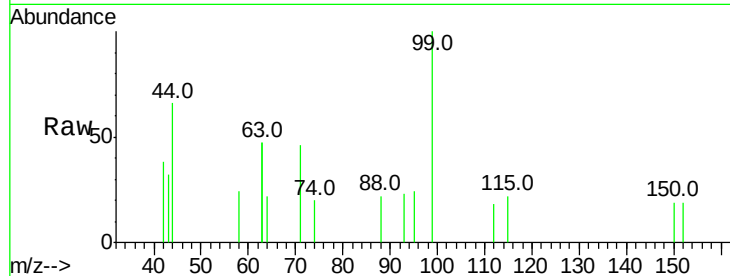
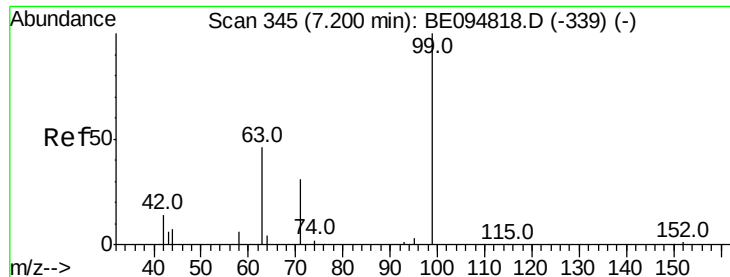
64 0.0 60.1 90.1#

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





#5

Phenol-d6

Concen: 0.387 ng

RT: 7.21 min Scan# 346

Delta R.T. 0.08 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

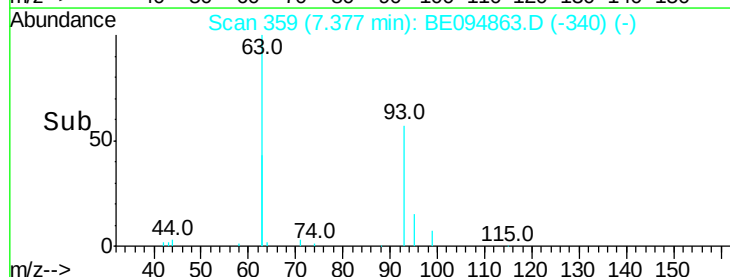
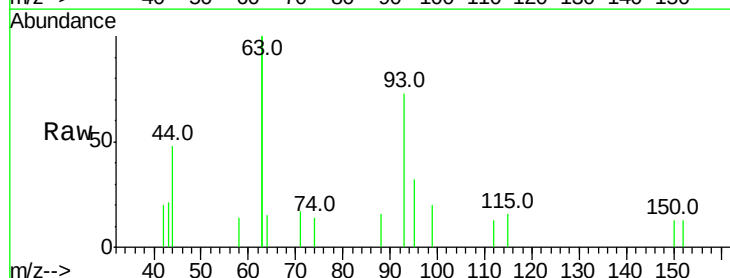
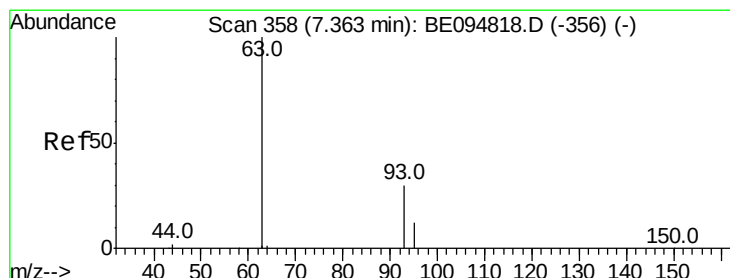
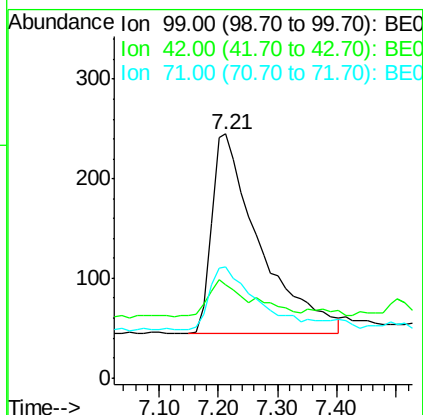
Tot Ion: 99 Resp: 1135

Ion Ratio Lower Upper

99 100

42 16.7 20.2 30.2#

71 32.3 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.306 ng

RT: 7.38 min Scan# 359

Delta R.T. 0.04 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

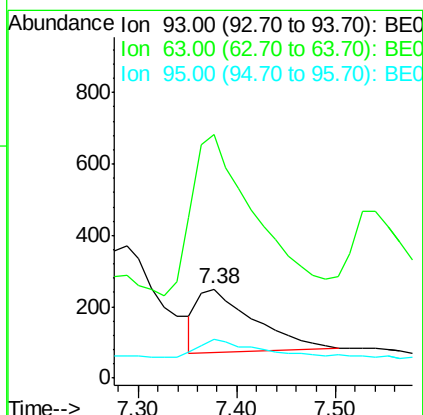
Tgt Ion: 93 Resp: 693

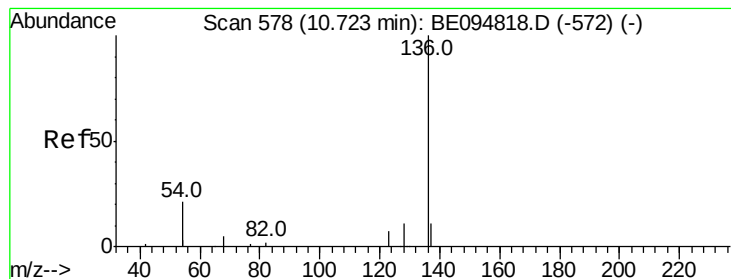
Ion Ratio Lower Upper

93 100

63 291.5 275.3 412.9

95 29.1 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 136 Resp: 3817

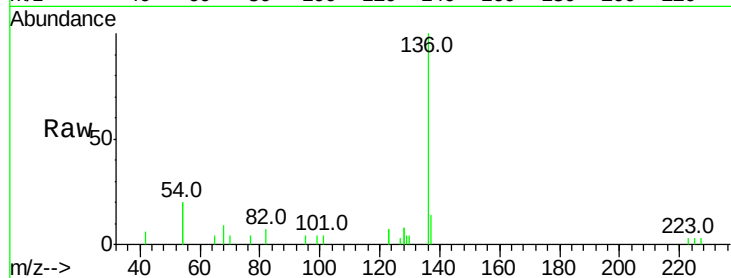
Ion Ratio Lower Upper

136 100

137 13.5 9.5 14.3

54 40.2 29.1 43.7

68 8.8 6.2 9.2

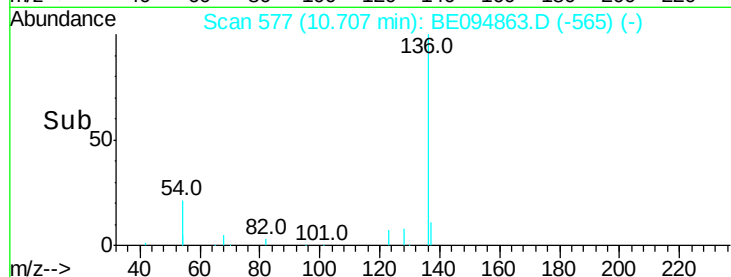


Abundance Ion 136.00 (135.70 to 136.70): E

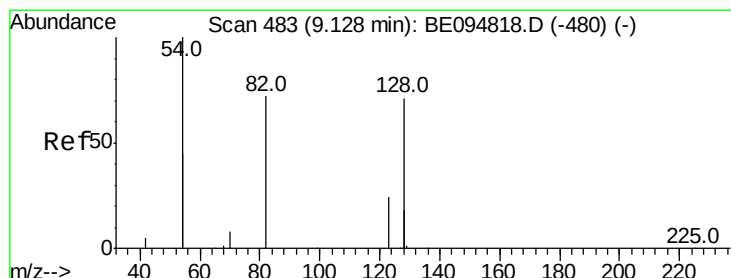
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.289 ng

RT: 9.15 min Scan# 484

Delta R.T. 0.07 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

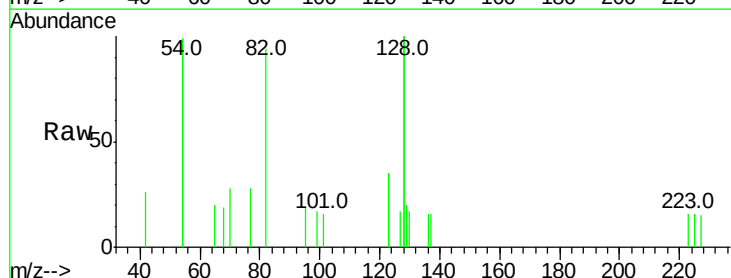
Tgt Ion: 82 Resp: 881

Ion Ratio Lower Upper

82 100

128 213.7 150.0 225.0

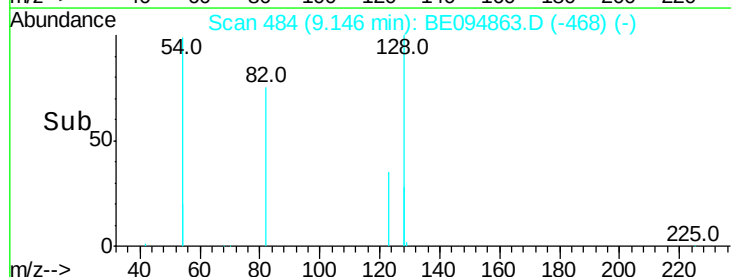
54 211.5 154.2 231.4



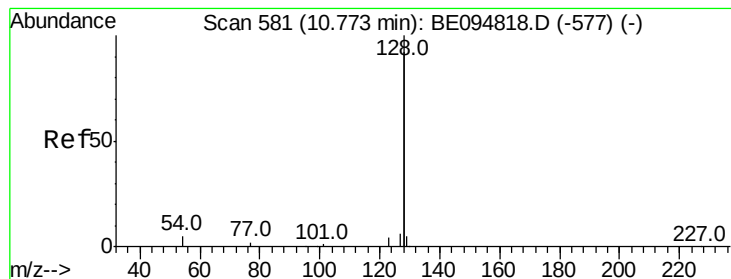
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.338 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

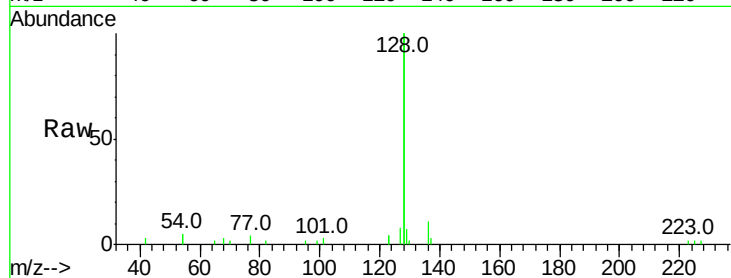
Tot Ion:128 Resp: 14599

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

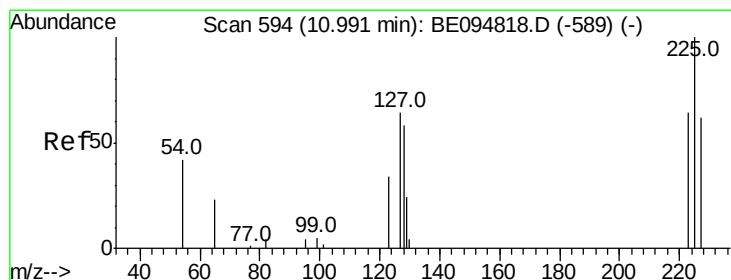
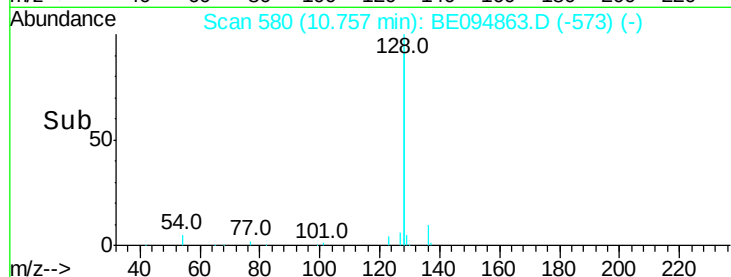
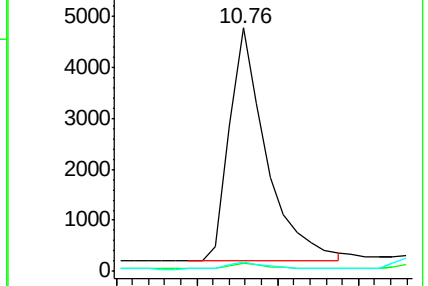
127 4.0 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.393 ng

RT: 10.99 min Scan# 594

Delta R.T. -0.02 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

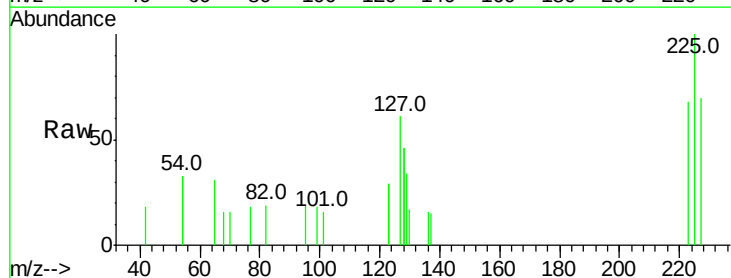
Tgt Ion:225 Resp: 614

Ion Ratio Lower Upper

225 100

223 64.3 53.0 79.6

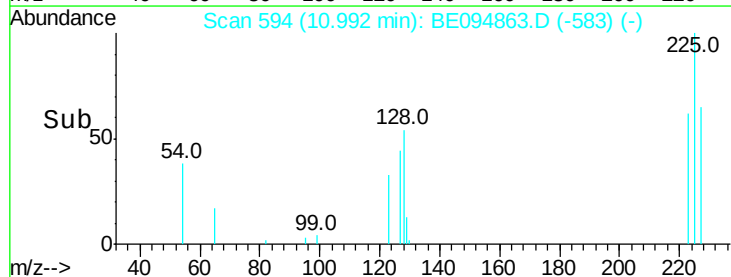
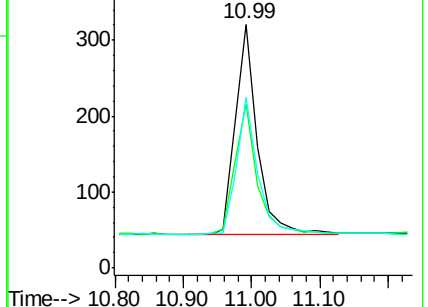
227 64.0 51.4 77.2

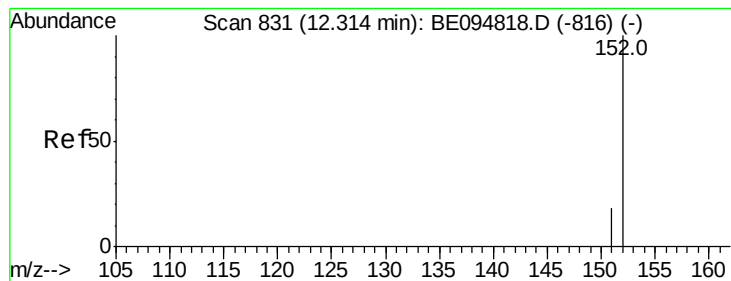


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.02 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

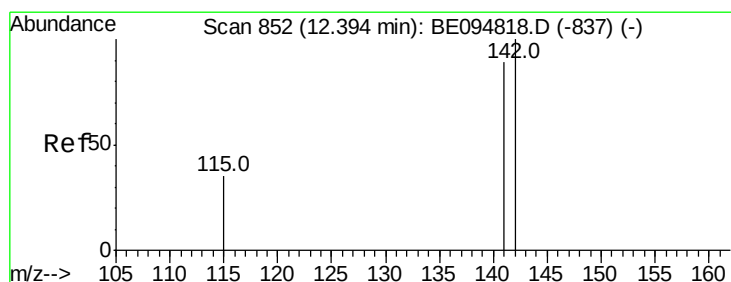
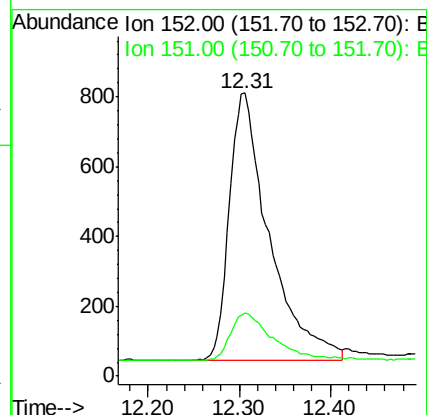
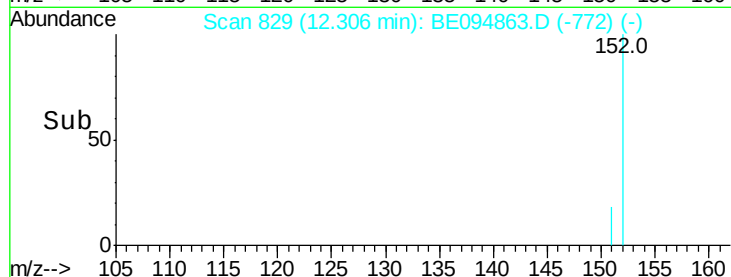
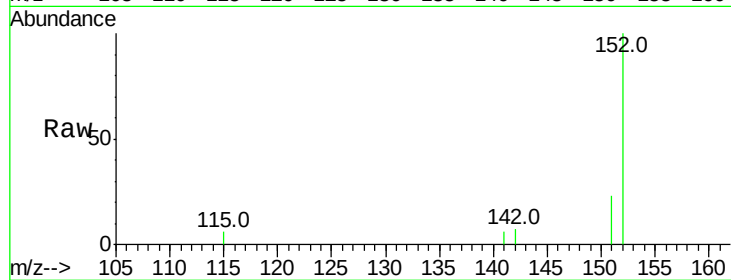
ClientSampleId :

Tot Ion:152 Resp: 2342

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 12.38 min Scan# 848

Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

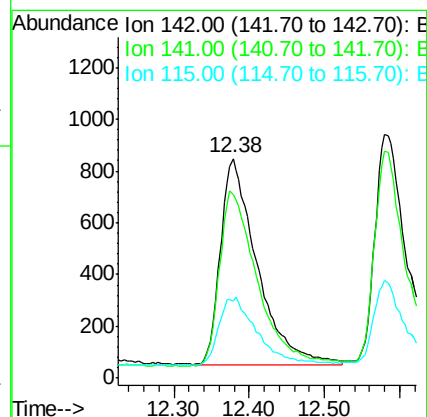
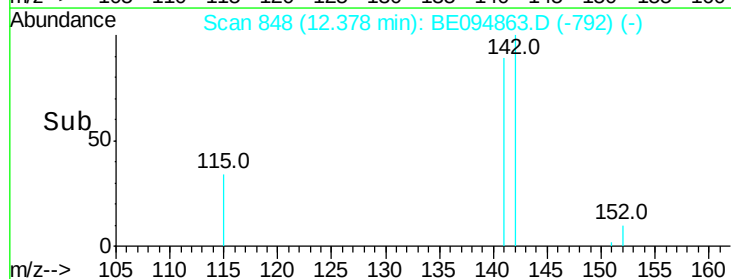
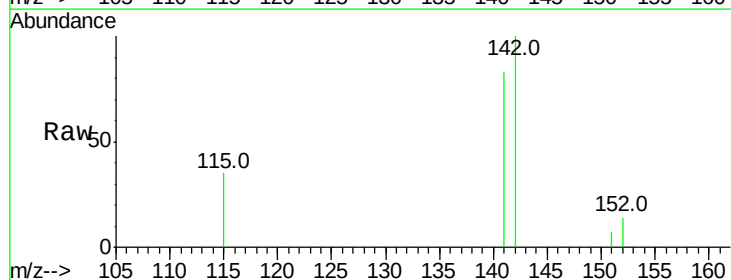
Tgt Ion:142 Resp: 2681

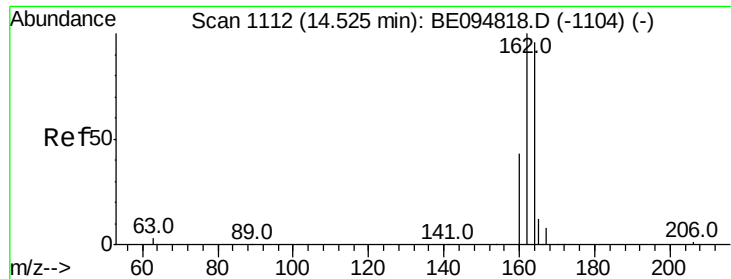
Ion Ratio Lower Upper

142 100

141 83.4 70.4 105.6

115 35.1 31.7 47.5

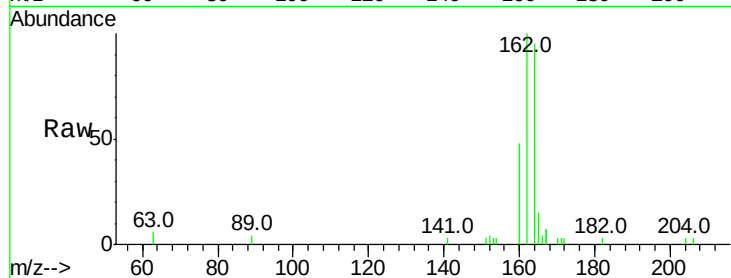




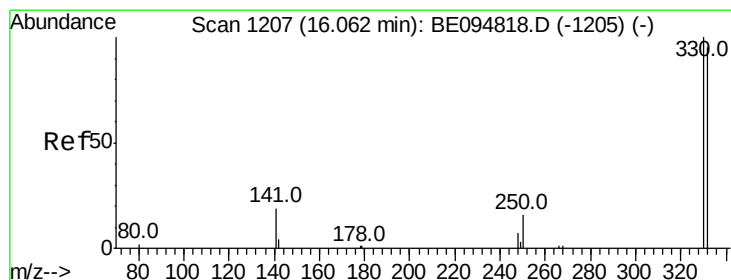
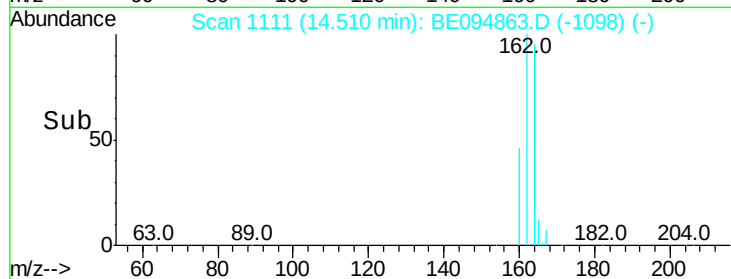
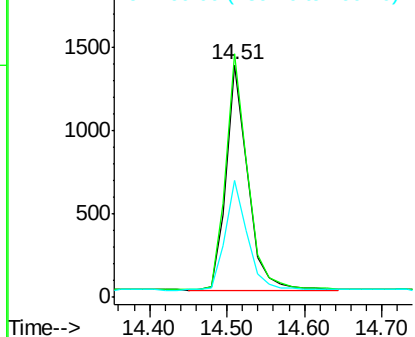
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE094863.D
 Acq: 27 Nov 2017 9:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2628
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.1 124.7
 160 50.5 37.1 55.7

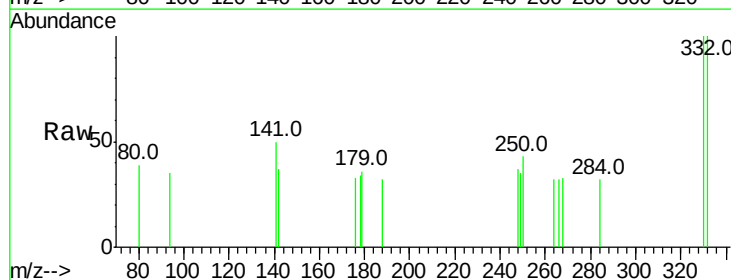


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

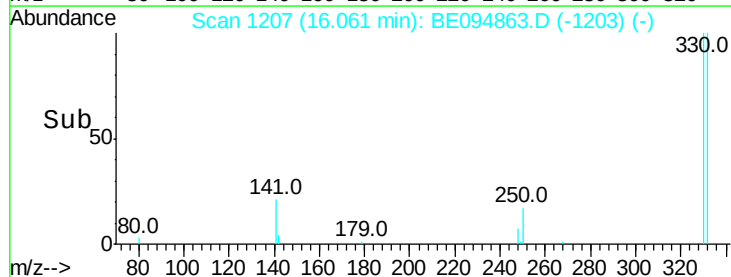
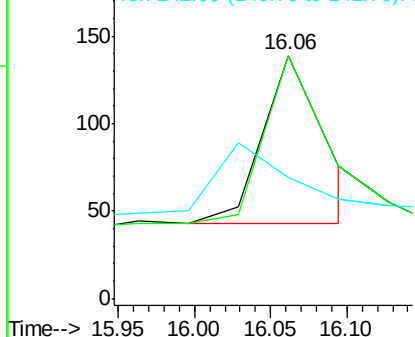


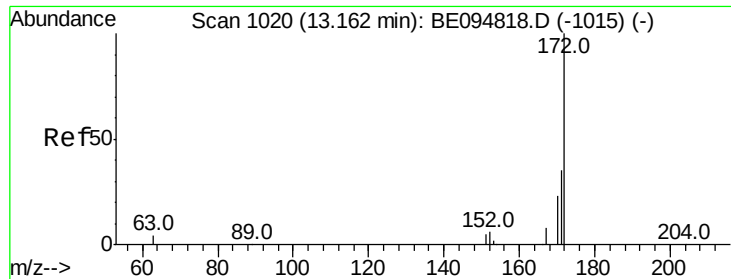
#14
 2,4,6-Tribromophenol
 Concen: 0.372 ng
 RT: 16.06 min Scan# 1207
 Delta R.T. 0.03 min
 Lab File: BE094863.D
 Acq: 27 Nov 2017 9:23

Tgt Ion:330 Resp: 270
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 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

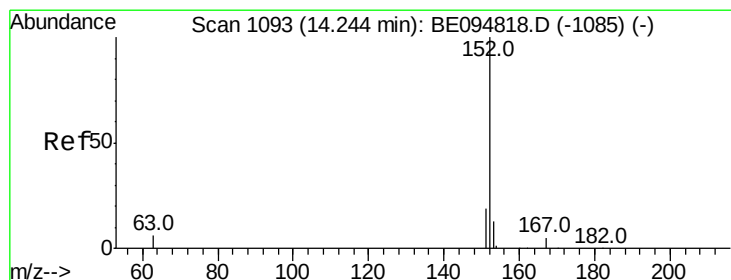
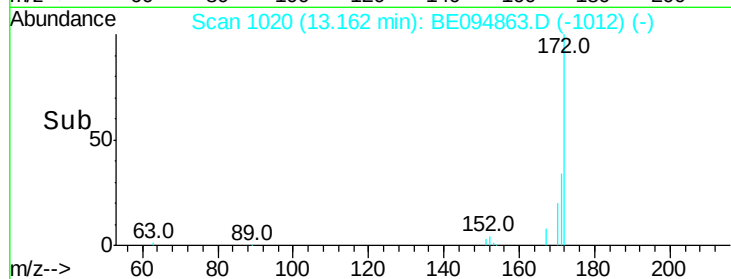
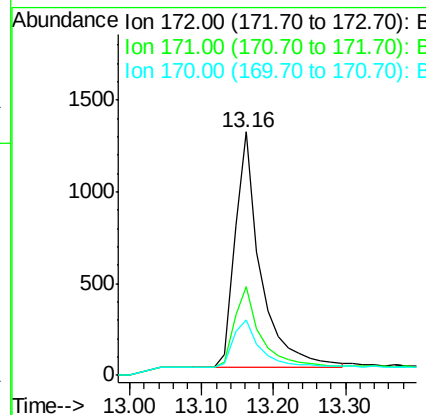
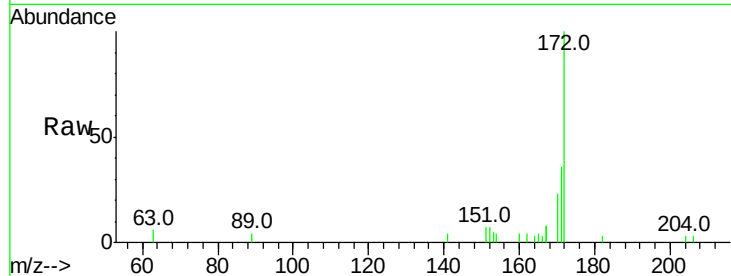




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

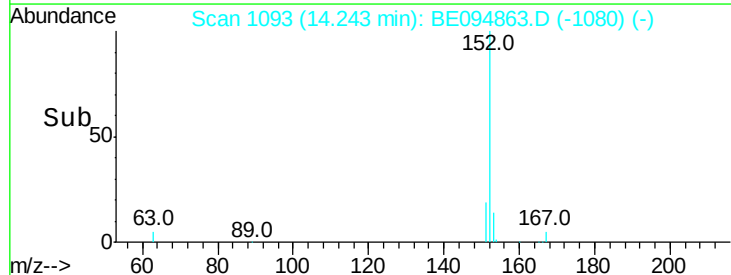
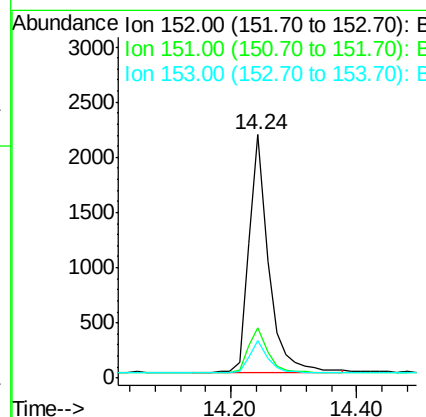
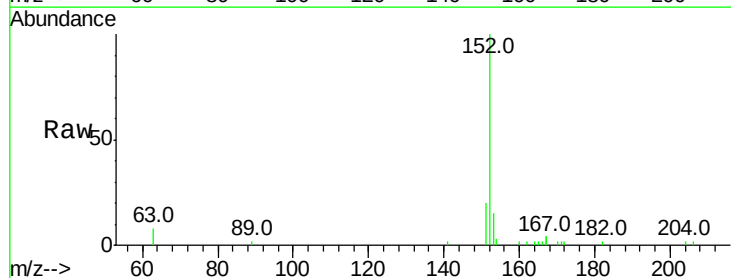
Instrument :
BNA_E
ClientSampleId :

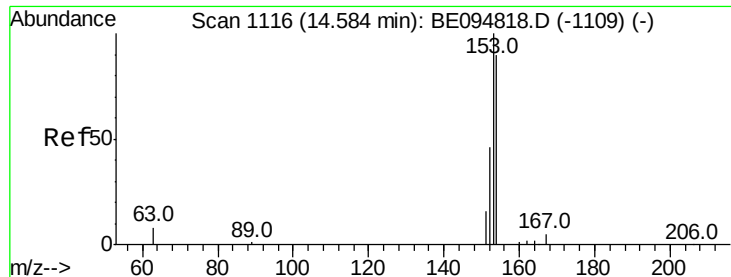
Tot Ion:172 Resp: 3140
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 22.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:152 Resp: 4676
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.363 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

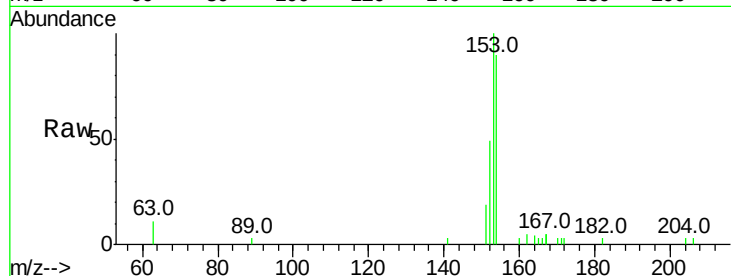
Tot Ion:154 Resp: 3233

Ion Ratio Lower Upper

154 100

153 110.1 89.2 133.8

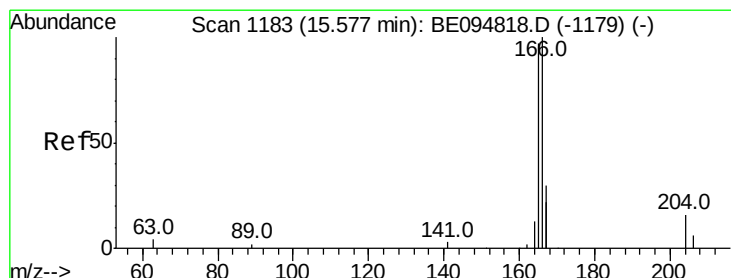
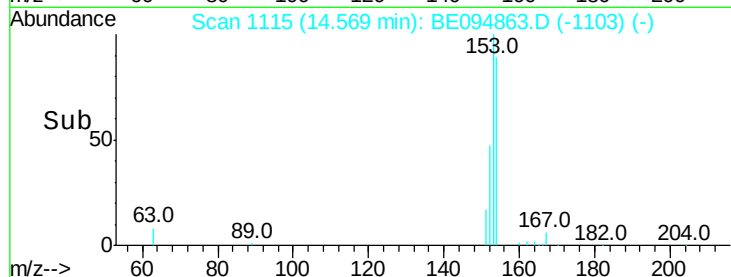
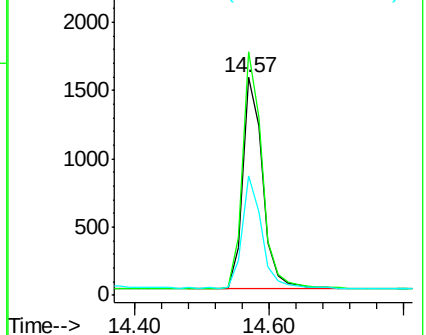
152 51.2 42.0 63.0



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: 0.375 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

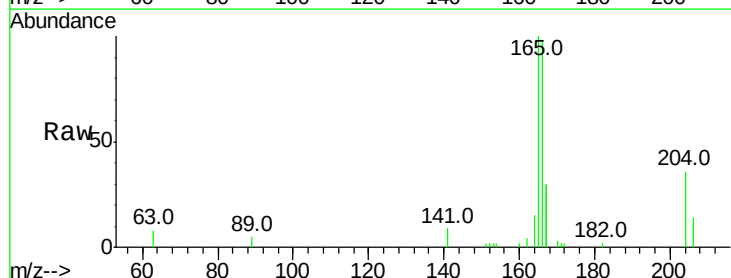
Tgt Ion:166 Resp: 4284

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.6

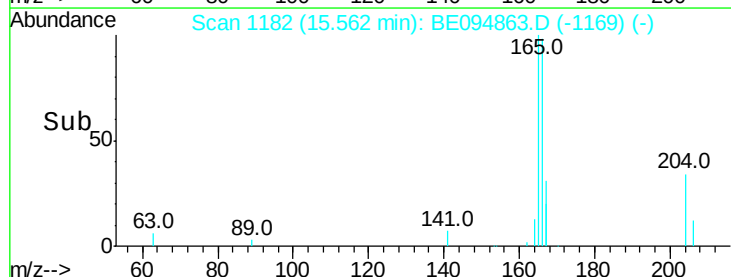
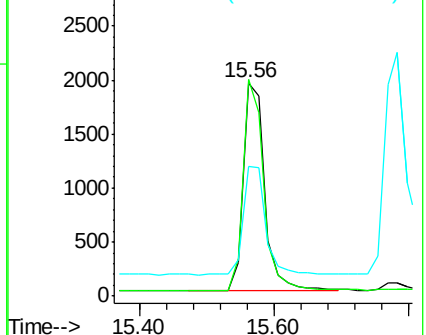
167 55.2 42.4 63.6

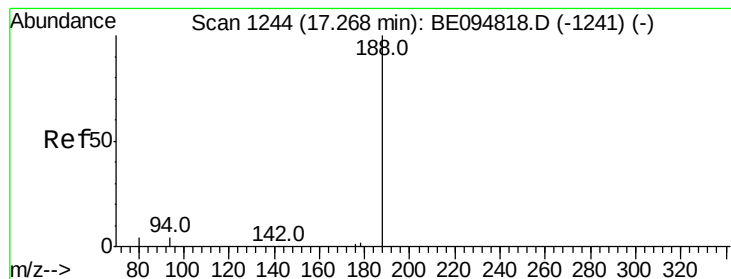


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

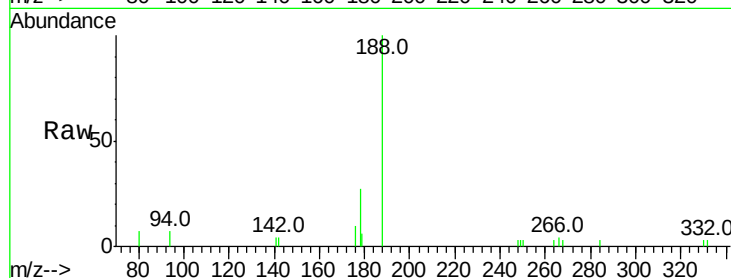
Tot Ion:188 Resp: 5460

Ion Ratio Lower Upper

188 100

94 6.9 3.9 5.9#

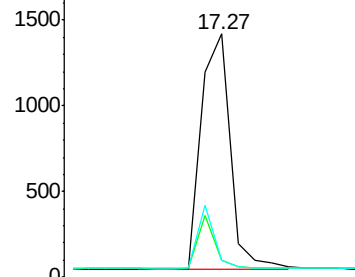
80 6.8 3.6 5.4#



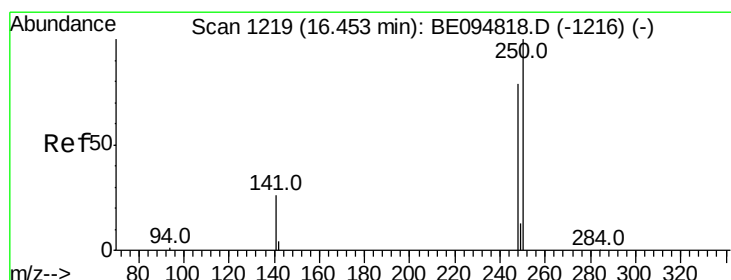
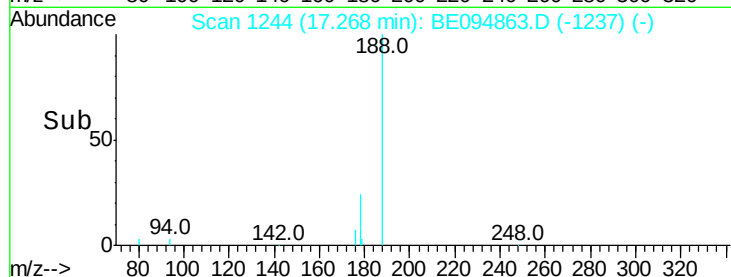
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time--> 17.00 17.20 17.40



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

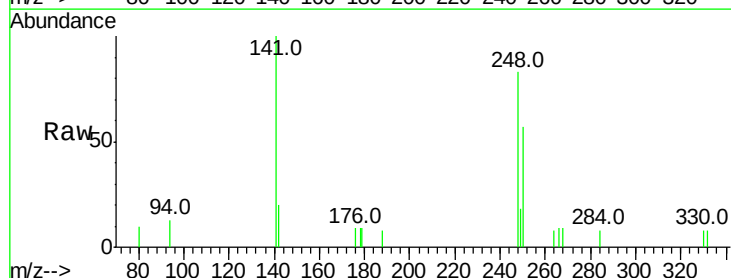
Tgt Ion:248 Resp: 1189

Ion Ratio Lower Upper

248 100

250 68.4 62.7 94.1

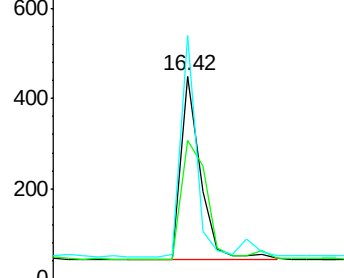
141 120.0 48.2 72.2#



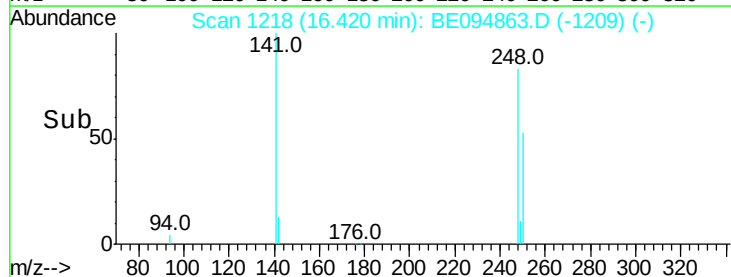
Abundance Ion 248.00 (247.70 to 248.70): E

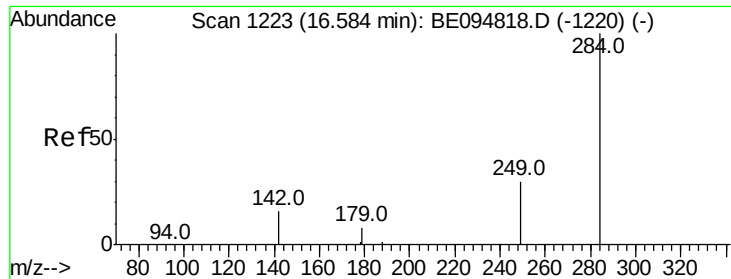
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.20 16.40 16.60





#21

Hexachlorobenzene

Concen: 0.546 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

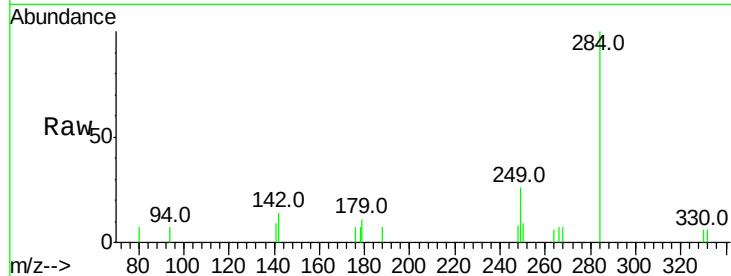
Tot Ion:284 Resp: 1424

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

249 24.7 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

16.58

600

400

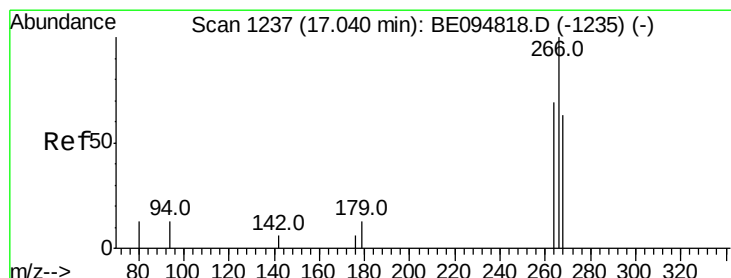
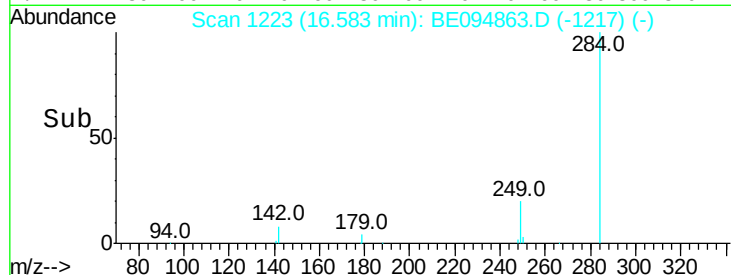
200

0

16.60

16.80

Time-->



#22

Pentachlorophenol

Concen: 0.183 ng

RT: 17.04 min Scan# 1237

Delta R.T. 0.03 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

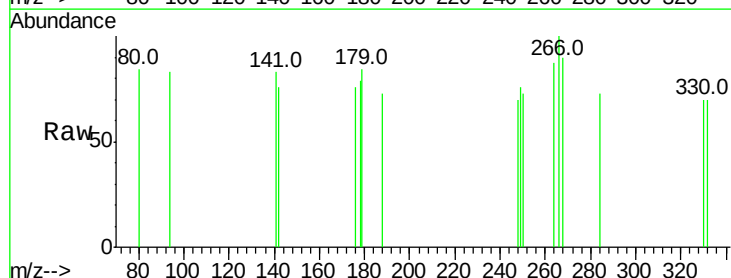
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 87.3 72.5 108.7

268 90.5 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

17.04

80

60

40

20

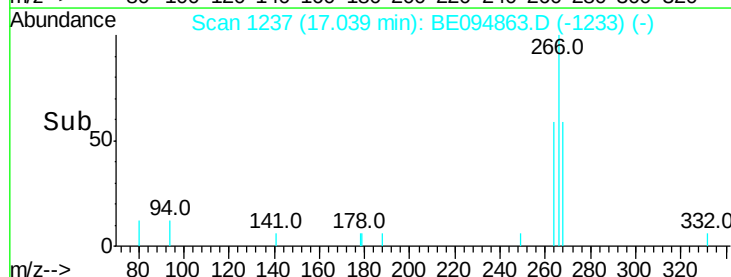
0

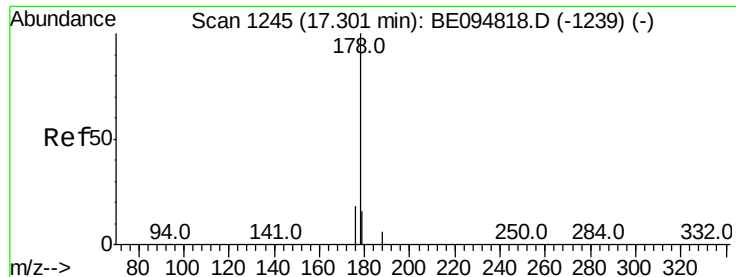
17.00

17.10

17.20

Time-->





#23

Phenanthrene

Concen: 0.468 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

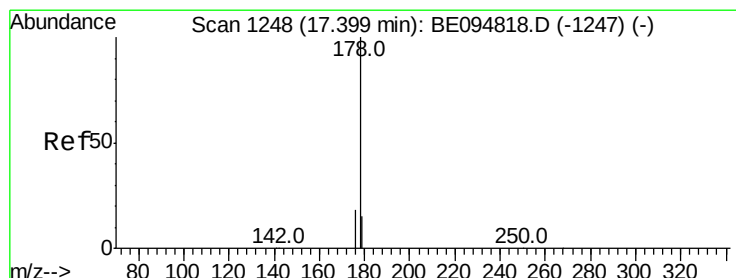
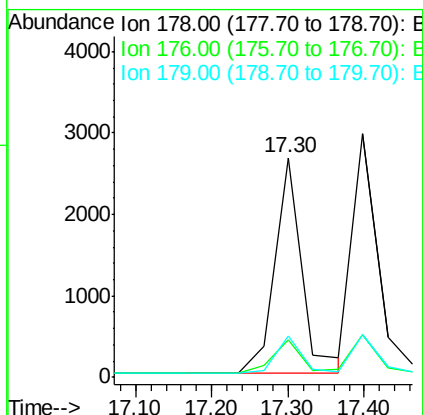
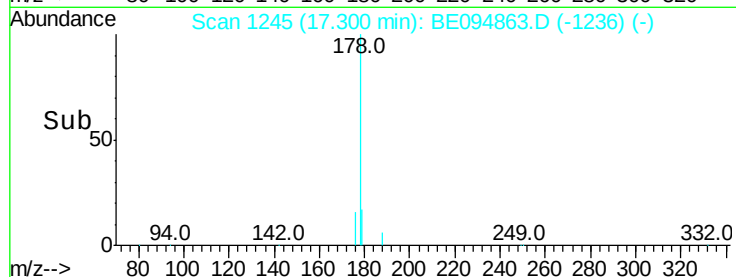
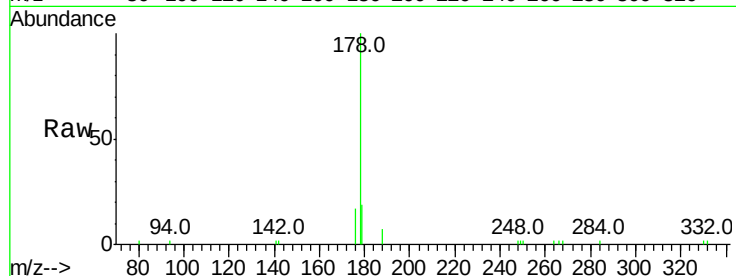
Tot Ion:178 Resp: 6664

Ion Ratio Lower Upper

178 100

176 16.0 15.1 22.7

179 16.4 11.8 17.6



#24

Anthracene

Concen: 0.431 ng

RT: 17.40 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

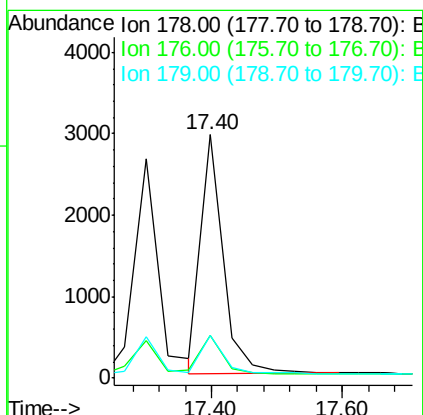
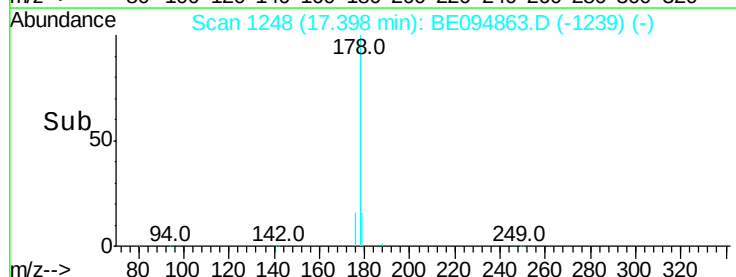
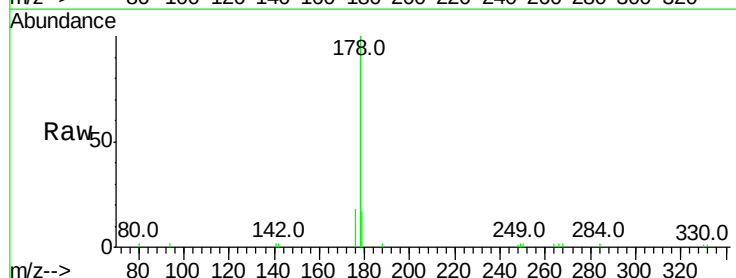
Tgt Ion:178 Resp: 6915

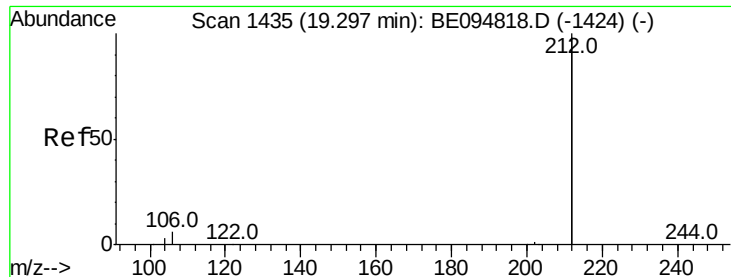
Ion Ratio Lower Upper

178 100

176 17.3 12.8 19.2

179 16.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.464 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094863.D

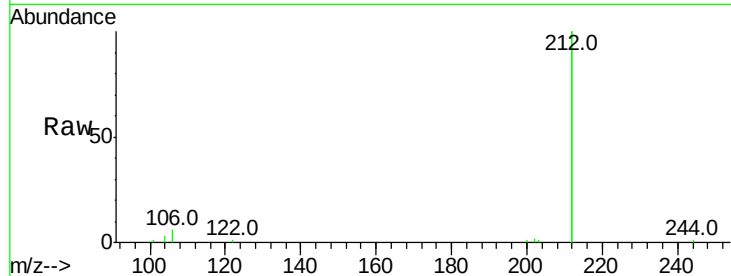
Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

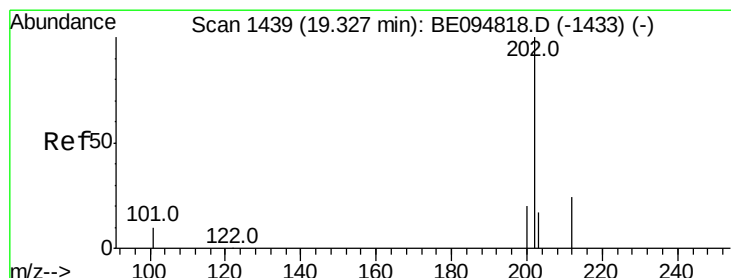
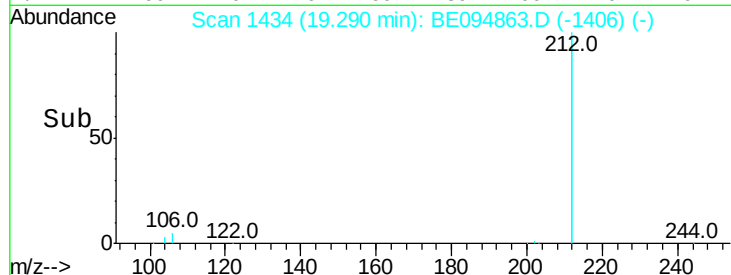
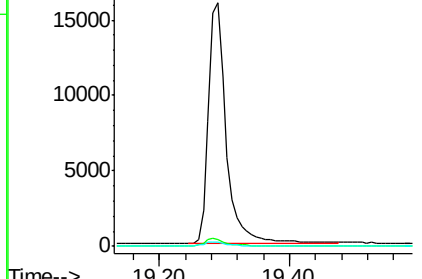
Tot Ion:212	Resp:	30317
Ion Ratio	Lower	Upper
212	100	
106	3.1	2.8 4.2
104	1.6	1.6 2.4#



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: 0.452 ng

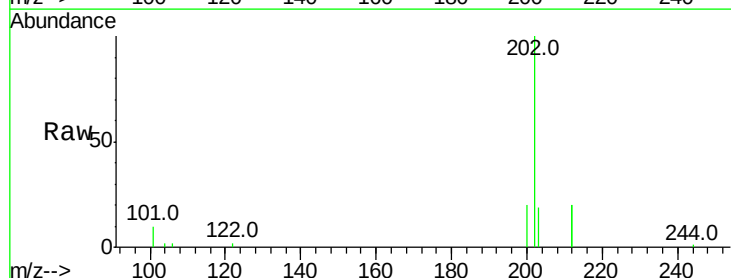
RT: 19.32 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

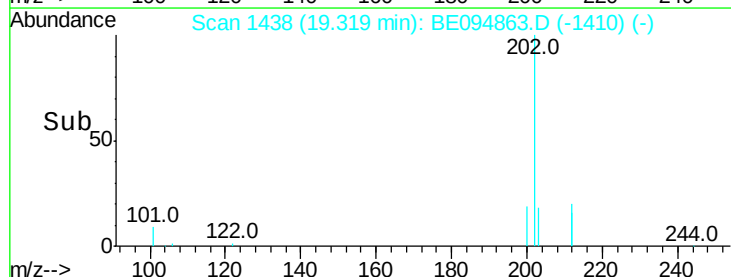
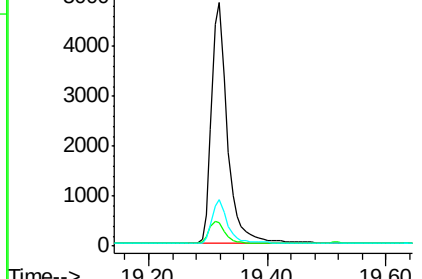
Tgt Ion:202	Resp:	9038
Ion Ratio	Lower	Upper
202	100	
101	9.5	9.8 14.8#
203	17.4	13.7 20.5

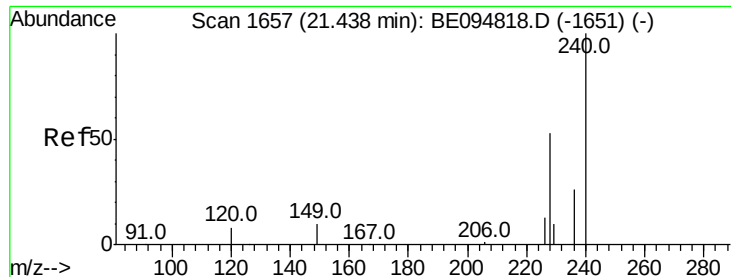


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

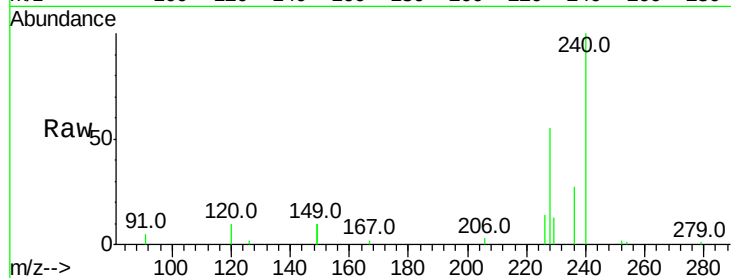
Tot Ion:240 Resp: 7315

Ion Ratio Lower Upper

240 100

120 10.2 5.5 8.3#

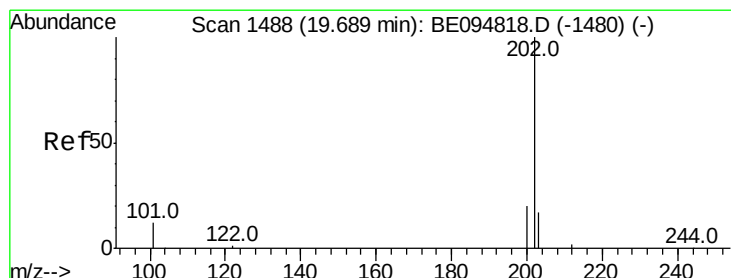
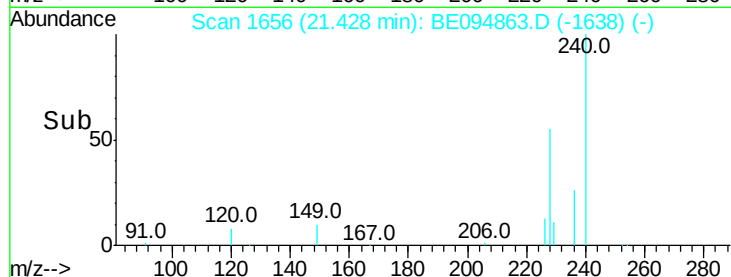
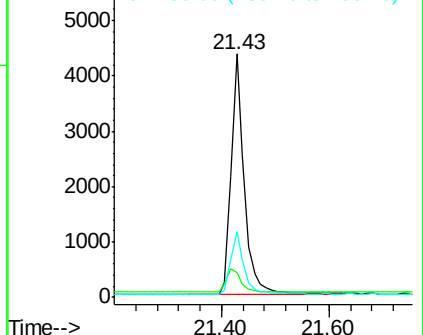
236 27.2 20.7 31.1



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: 0.368 ng

RT: 19.68 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

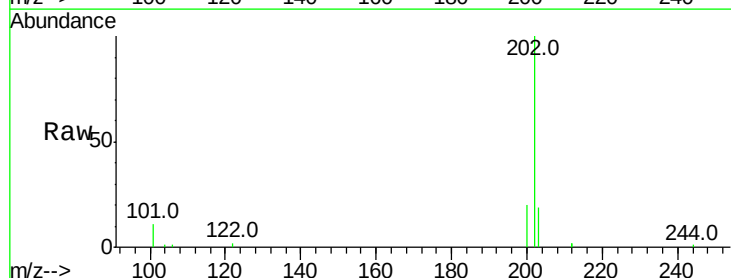
Tgt Ion:202 Resp: 9416

Ion Ratio Lower Upper

202 100

200 19.8 16.6 25.0

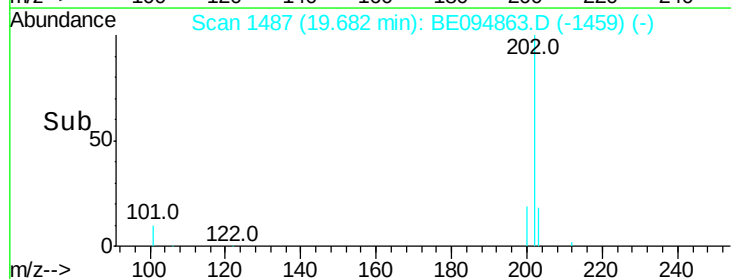
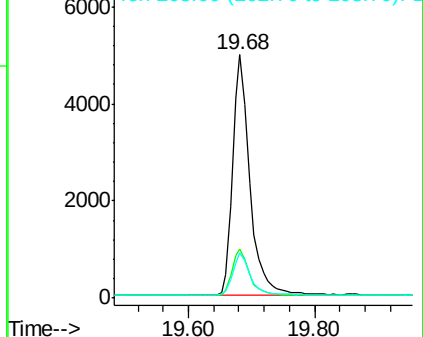
203 17.6 13.8 20.8

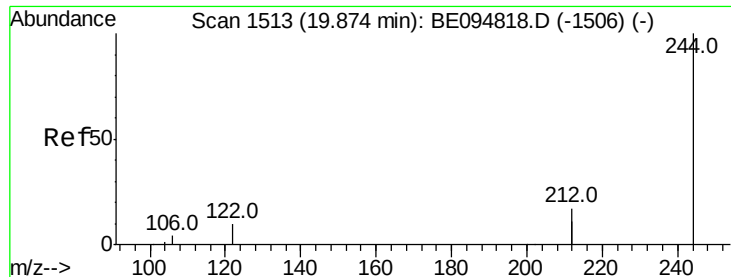


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

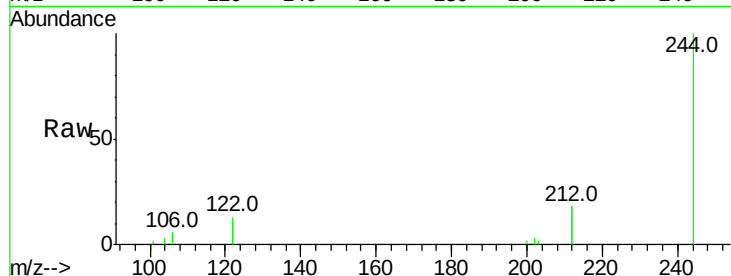
Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

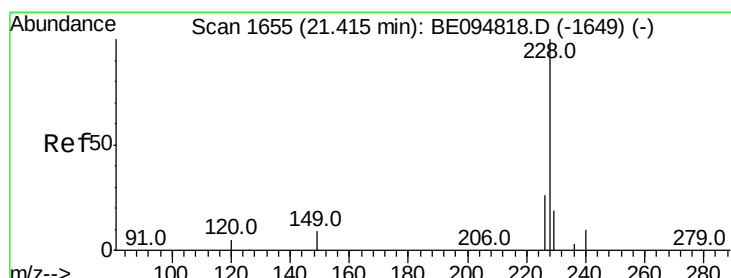
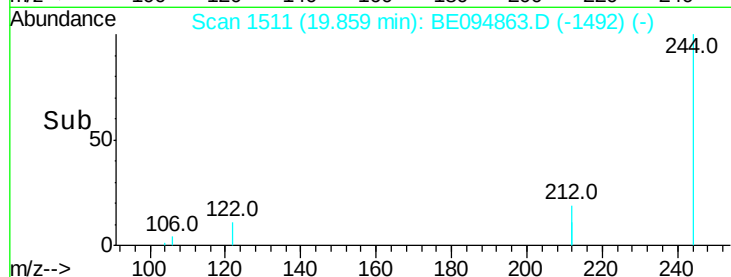
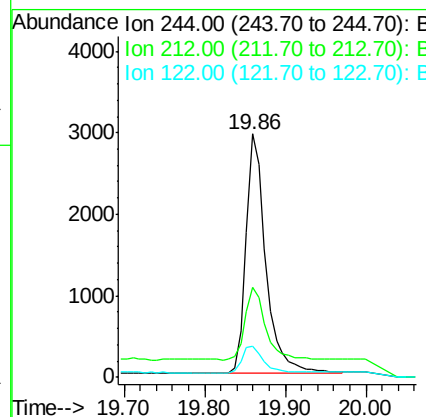
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	244	Resp:	5039
Ion	Ratio	Lower	Upper
244	100		
212	36.9	25.4	38.0
122	13.0	8.1	12.1#



#30

Benzo(a)anthracene

Concen: 0.370 ng

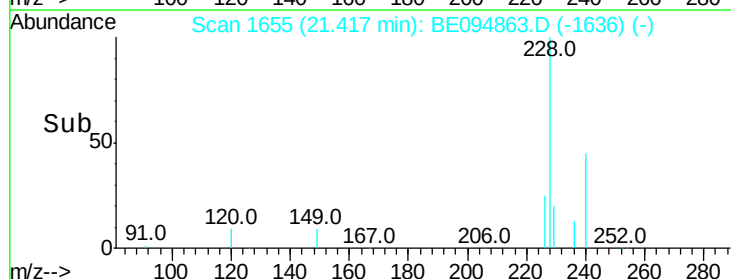
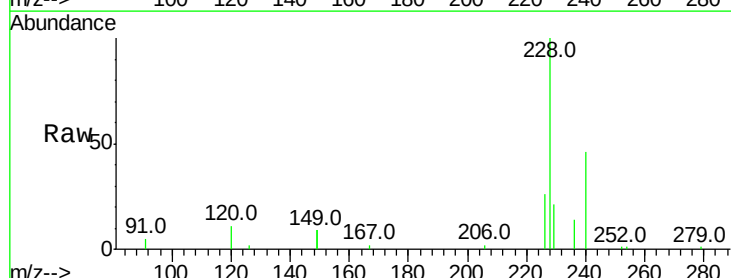
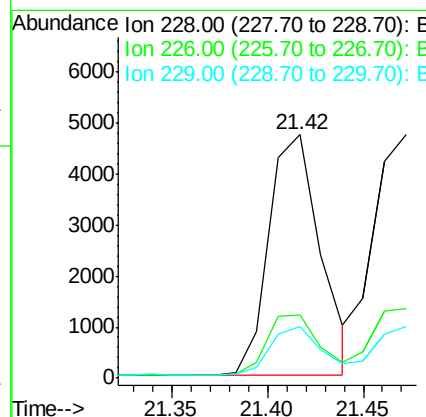
RT: 21.42 min Scan# 1655

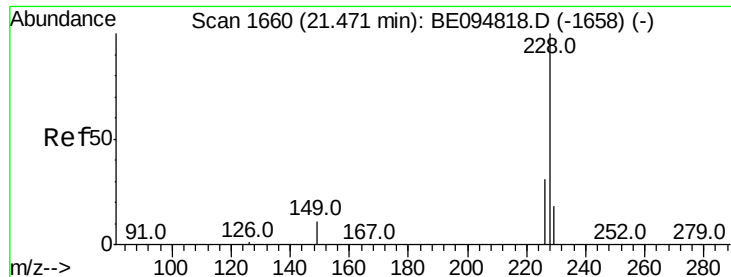
Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Tgt Ion:	228	Resp:	8802
Ion	Ratio	Lower	Upper
228	100		
226	26.2	40.0	60.0#
229	21.1	40.0	60.0#





#31

Chrysene

Concen: 0.400 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

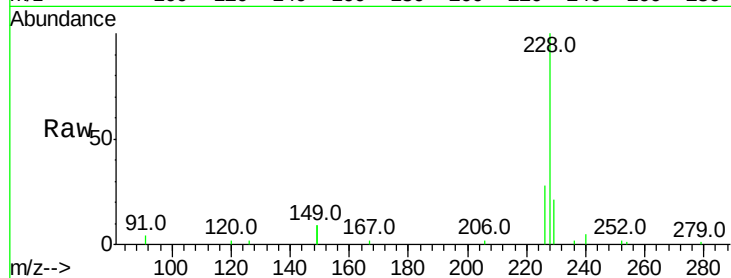
Tot Ion:228 Resp: 9664

Ion Ratio Lower Upper

228 100

226 28.4 40.0 60.0#

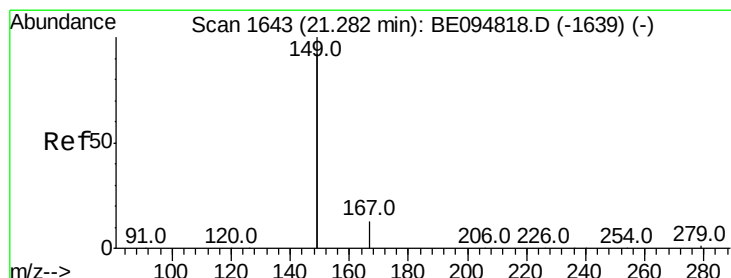
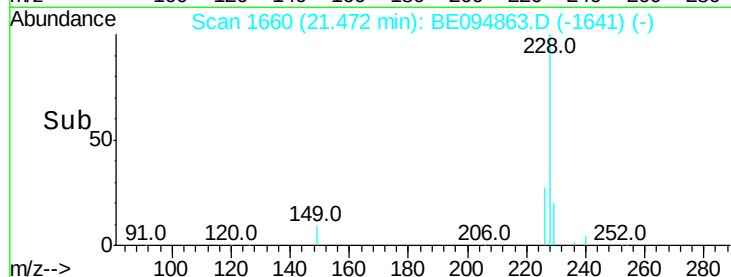
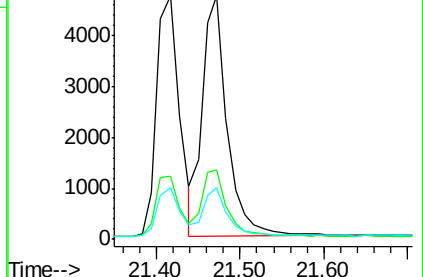
229 21.3 40.0 60.0#



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: 0.332 ng

RT: 21.27 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

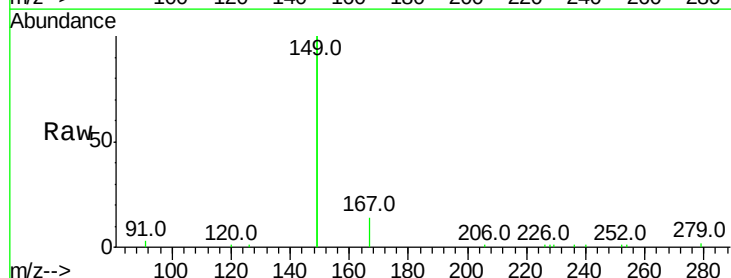
Tgt Ion:149 Resp: 19410

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

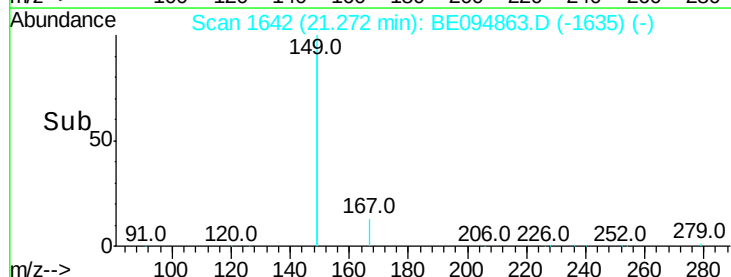
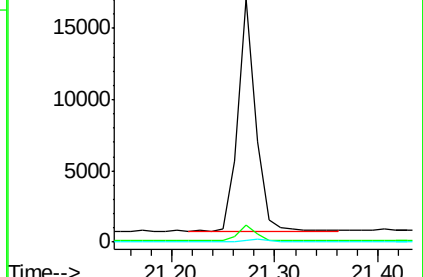
279 1.2 0.7 1.1#

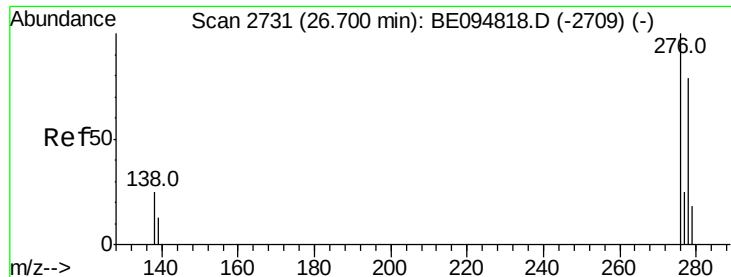


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

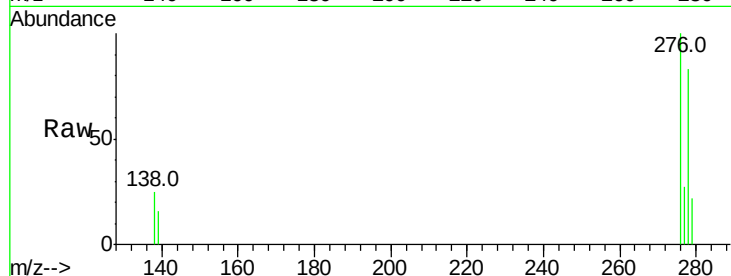




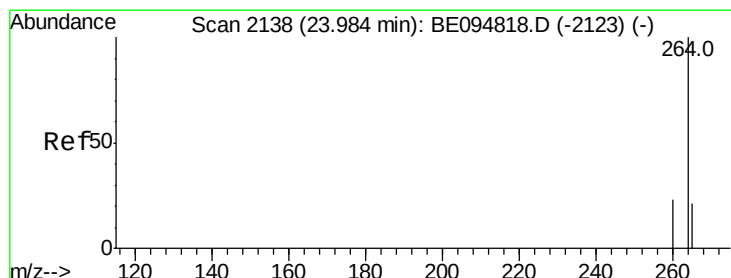
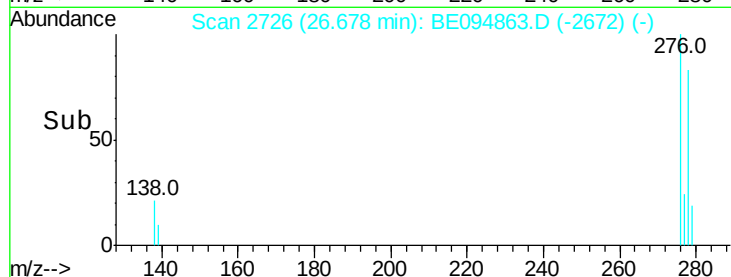
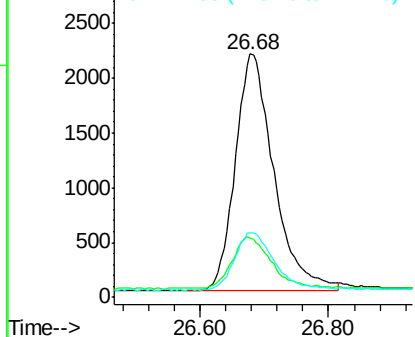
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng
 RT: 26.68 min Scan# 2726
 Delta R.T. 0.05 min
 Lab File: BE094863.D
 Acq: 27 Nov 2017 9:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 9062
 Ion Ratio Lower Upper
 276 100
 138 21.9 22.5 33.7#
 277 25.0 19.9 29.9

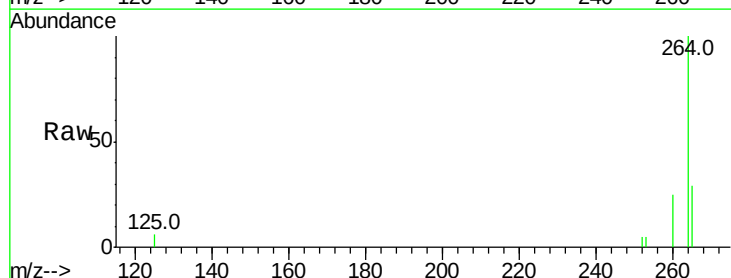


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

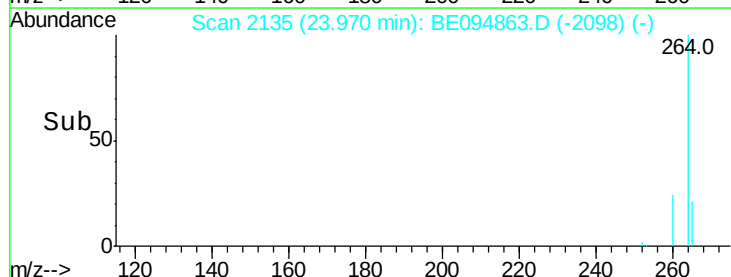
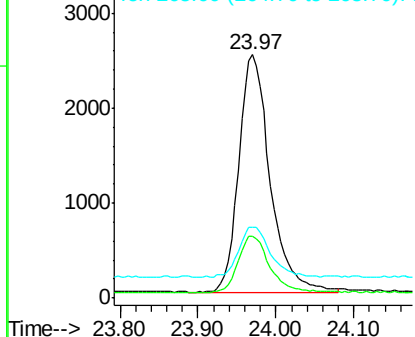


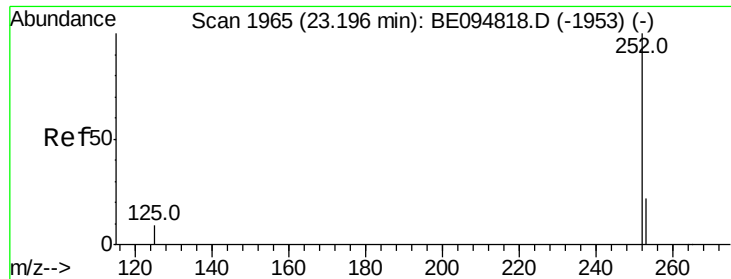
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2135
 Delta R.T. 0.02 min
 Lab File: BE094863.D
 Acq: 27 Nov 2017 9:23

Tgt Ion:264 Resp: 6956
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 29.1 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: 0.386 ng

RT: 23.19 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

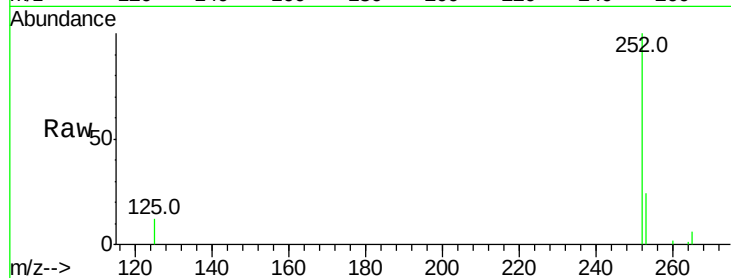
Tot Ion:252 Resp: 8679

Ion Ratio Lower Upper

252 100

253 24.2 48.0 72.0#

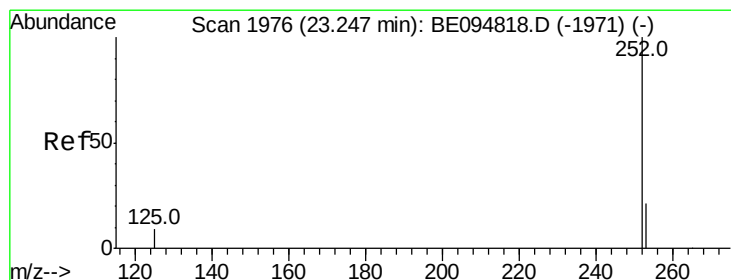
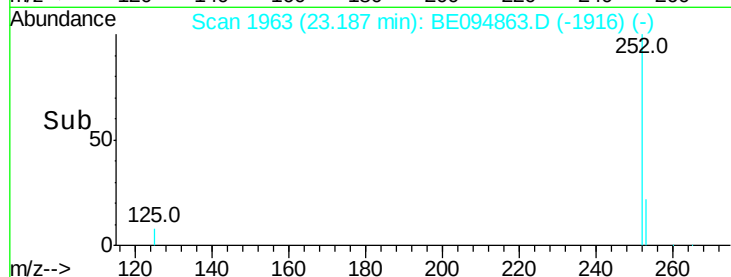
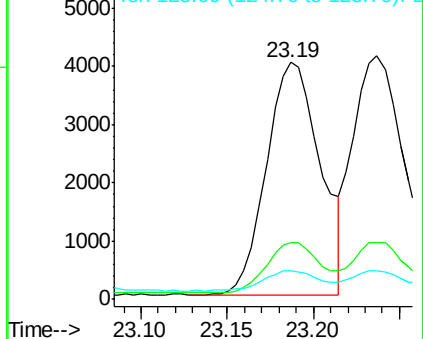
125 11.9 56.0 84.0#



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: 0.382 ng

RT: 23.24 min Scan# 1974

Delta R.T. 0.02 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

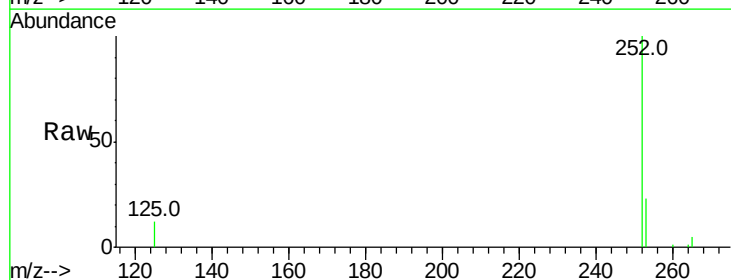
Tgt Ion:252 Resp: 9163

Ion Ratio Lower Upper

252 100

253 23.4 48.0 72.0#

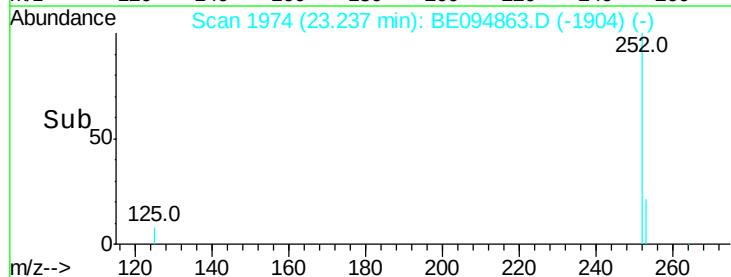
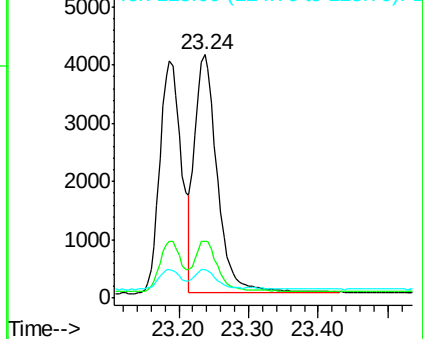
125 11.7 56.0 84.0#

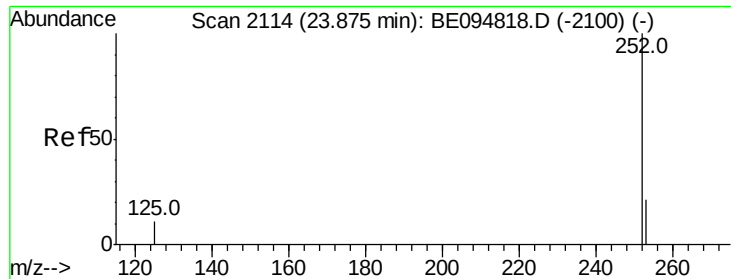


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.86 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :

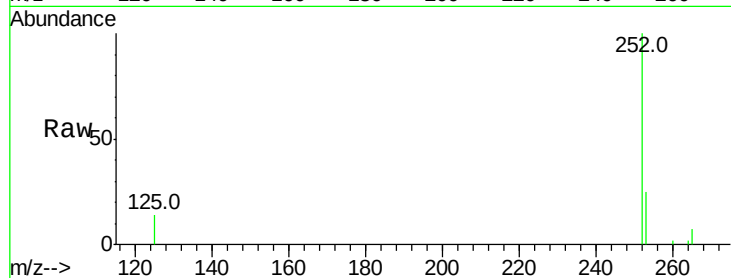
Tot Ion:252 Resp: 8434

Ion Ratio Lower Upper

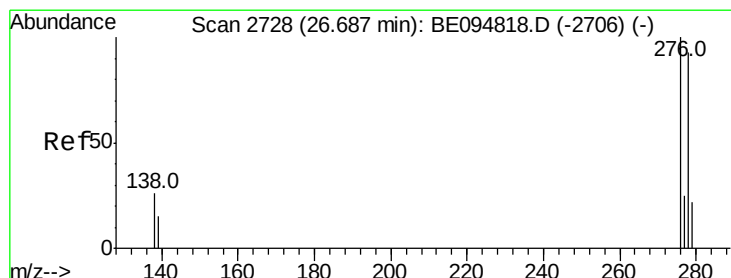
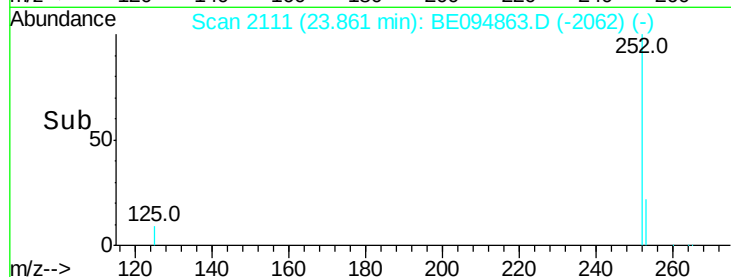
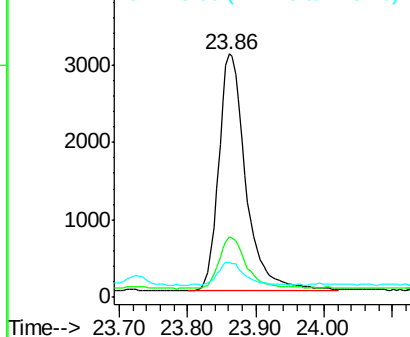
252 100

253 24.8 52.0 78.0#

125 14.2 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: 0.396 ng

RT: 26.67 min Scan# 2725

Delta R.T. 0.03 min

Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

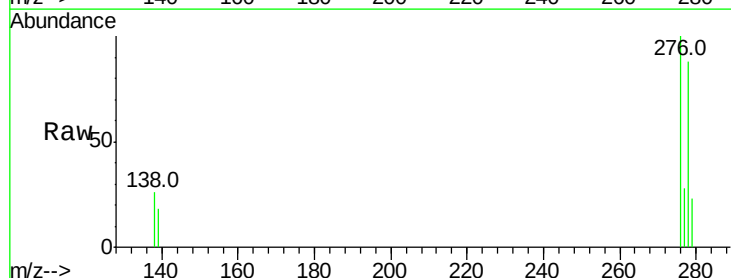
Tgt Ion:278 Resp: 7760

Ion Ratio Lower Upper

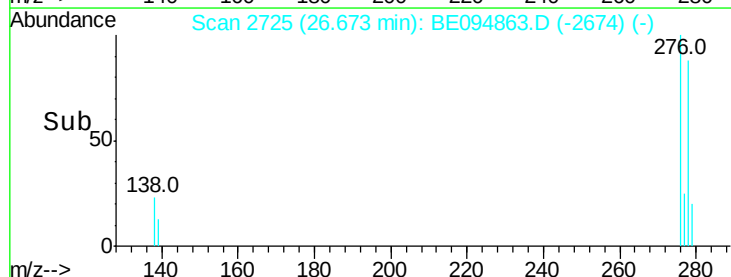
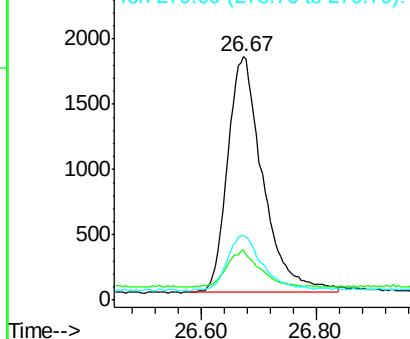
278 100

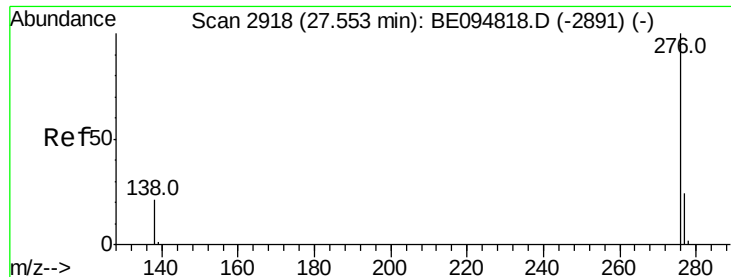
139 20.5 56.0 84.0#

279 26.6 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: 0.433 ng

RT: 27.53 min Scan# 2912

Delta R.T. 0.06 min

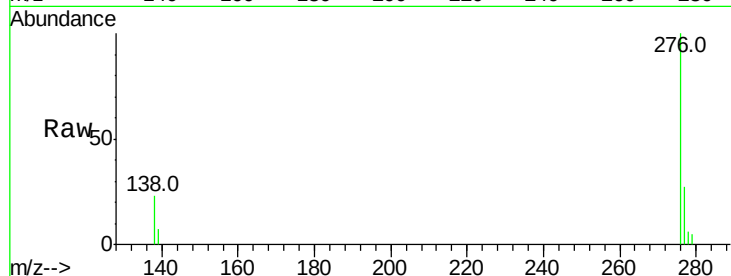
Lab File: BE094863.D

Acq: 27 Nov 2017 9:23

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 7944

Ion Ratio Lower Upper

276 100

277 26.6 52.0 78.0#

138 22.6 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

