

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
 Data File : BE094977.D
 Acq On : 14 Dec 2017 15:29
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Dec 14 17:26:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 17:23:49 2017
 Response via : Initial Calibration

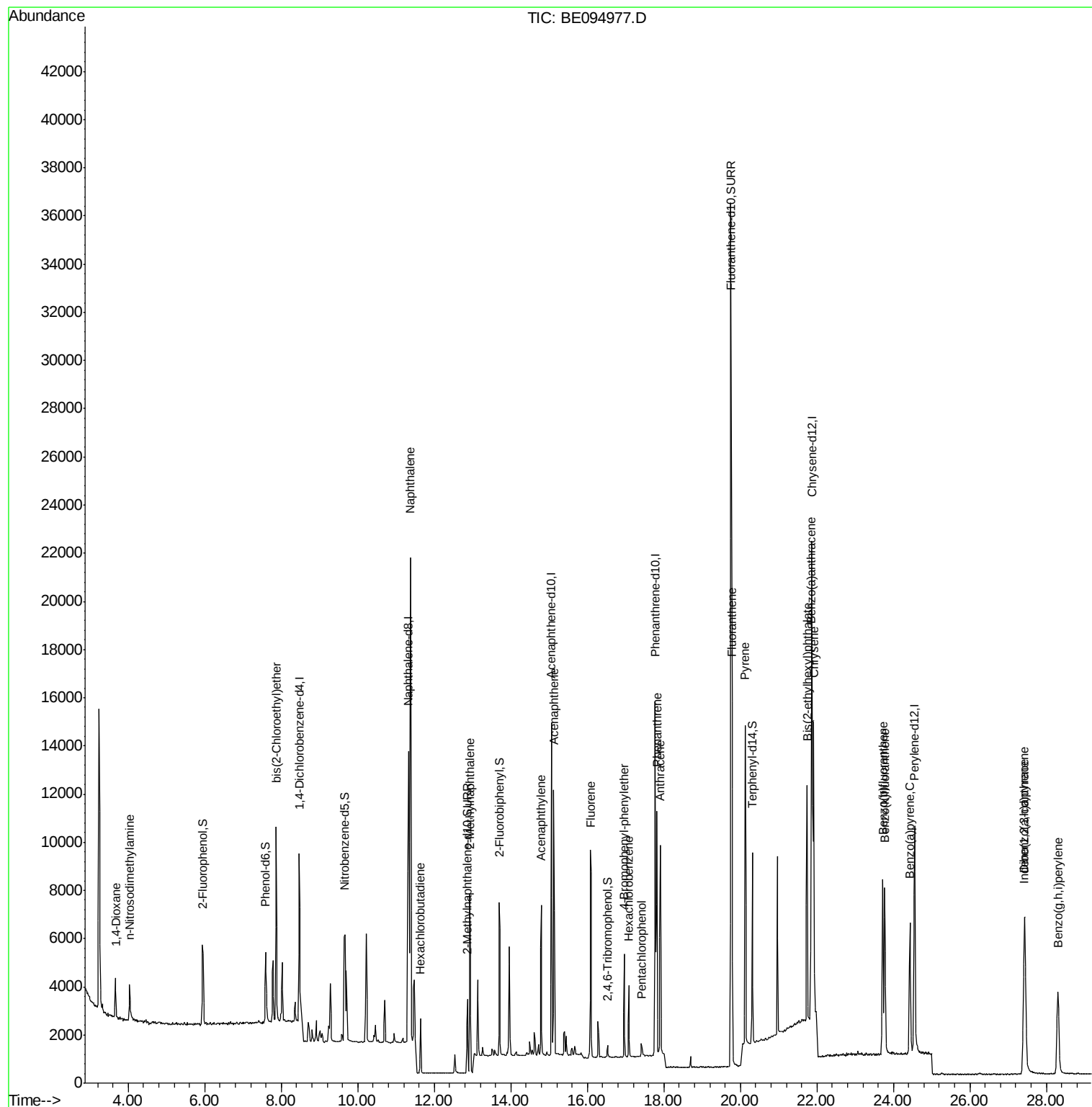
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6051	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	13631	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7878	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	18854	0.40	ng	0.00
27) Chrysene-d12	21.87	240	19759	0.40	ng	0.00
34) Perylene-d12	24.55	264	15194	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1927	0.20	ng	0.00
5) Phenol-d6	7.59	99	2812	0.20	ng	0.00
8) Nitrobenzene-d5	9.66	82	2186	0.27	ng	0.02
11) 2-Methylnaphthalene-d10	12.86	152	4384	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	324	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	6697	0.20	ng	0.00
25) Fluoranthene-d10	19.75	212	45853	0.18	ng	0.00
29) Terphenyl-d14	20.31	244	7407	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	1293	0.204	ng	# 91
3) n-Nitrosodimethylamine	4.03	42	1230	0.152	ng	99
6) bis(2-Chloroethyl)ether	7.87	93	2728	0.194	ng	96
9) Naphthalene	11.38	128	32350	0.202	ng	100
10) Hexachlorobutadiene	11.64	225	1455	0.216	ng	97
12) 2-Methylnaphthalene	12.93	142	8157	0.205	ng	97
16) Acenaphthylene	14.79	152	7892	0.177	ng	100
17) Acenaphthene	15.12	154	5545	0.193	ng	93
18) Fluorene	16.10	166	6808	0.186	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	2127	0.202	ng	# 85
21) Hexachlorobenzene	17.09	284	2221	0.216	ng	# 82
22) Pentachlorophenol	17.41	266	374	0.148	ng	# 81
23) Phenanthrene	17.82	178	11462	0.191	ng	97
24) Anthracene	17.91	178	11637	0.183	ng	# 89
26) Fluoranthene	19.78	202	13275	0.172	ng	99
28) Pyrene	20.13	202	13629	0.200	ng	99
30) Benzo(a)anthracene	21.85	228	11072	0.183	ng	# 61
31) Chrysene	21.92	228	13563	0.203	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.74	149	13360	0.133	ng	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	10601	0.193	ng	98
35) Benzo(b)fluoranthene	23.72	252	10887	0.196	ng	# 94
36) Benzo(k)fluoranthene	23.77	252	10742	0.190	ng	# 91
37) Benzo(a)pyrene	24.43	252	9636	0.198	ng	# 89
38) Dibenzo(a,h)anthracene	27.44	278	8802	0.196	ng	98
39) Benzo(g,h,i)perylene	28.30	276	8856	0.197	ng	# 95

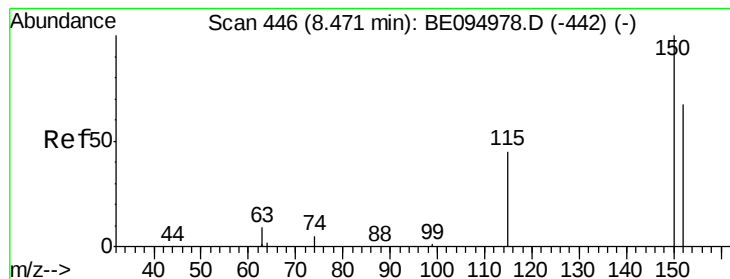
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 17:26:06 2017
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QLast Update : Thu Dec 14 17:23:49 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. 0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

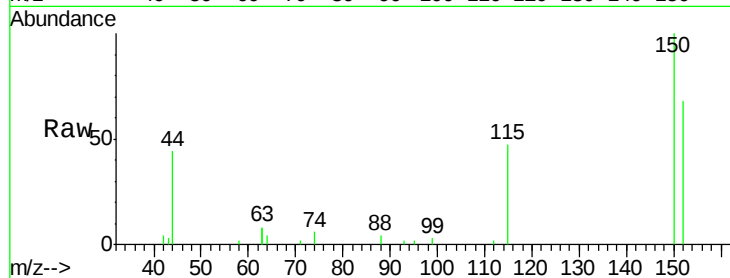
Tot Ion:152 Resp: 6051

Ion Ratio Lower Upper

152 100

150 147.6 117.2 175.8

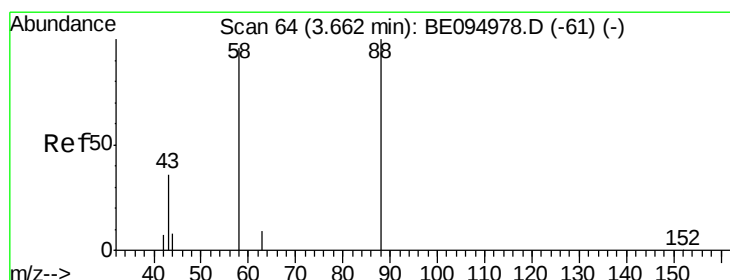
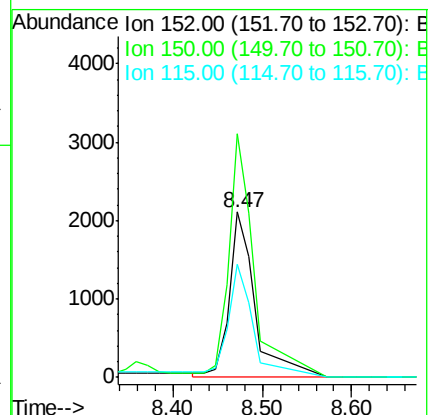
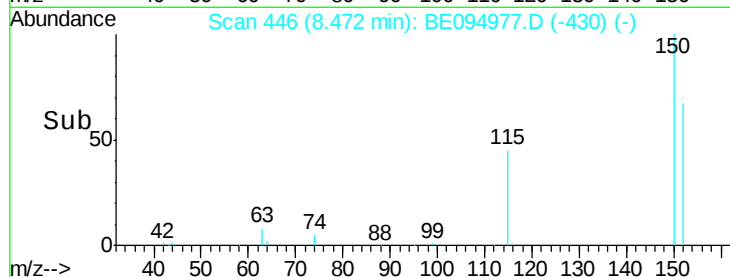
115 68.9 57.0 85.6



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: 0.204 ng

RT: 3.68 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

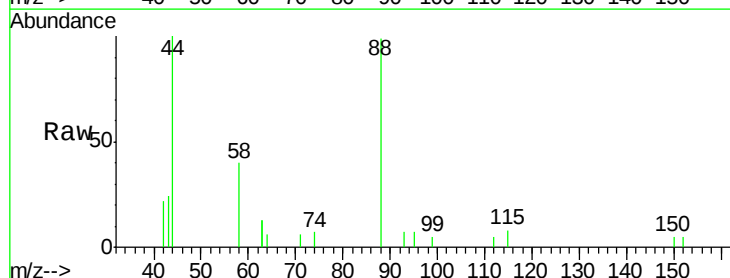
Tgt Ion: 88 Resp: 1293

Ion Ratio Lower Upper

88 100

58 77.3 63.2 94.8

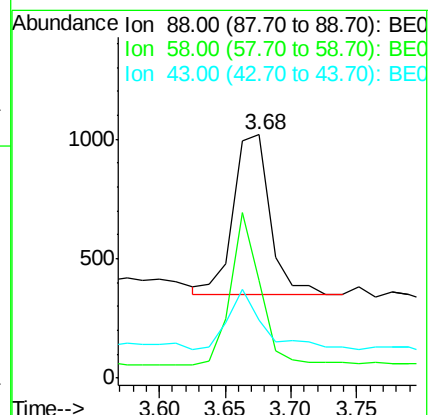
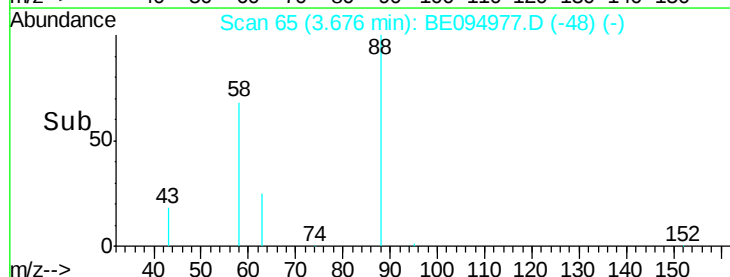
43 37.1 41.2 61.8#

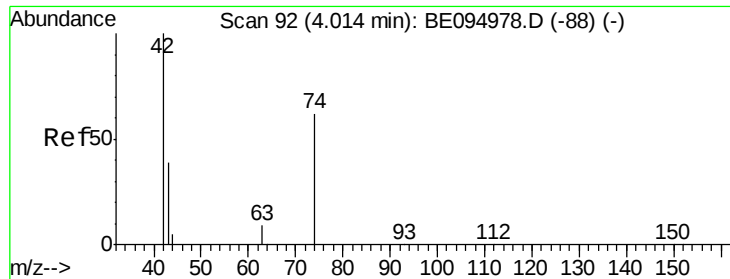


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

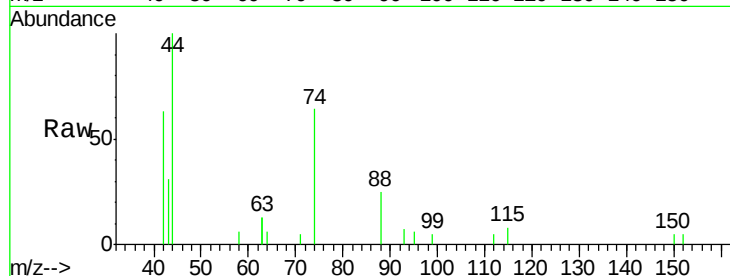




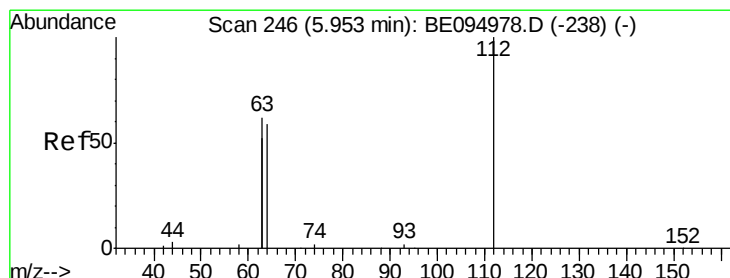
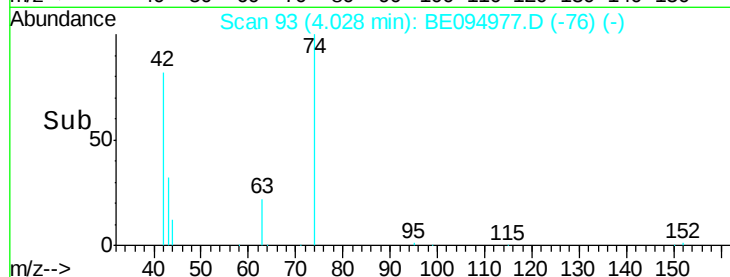
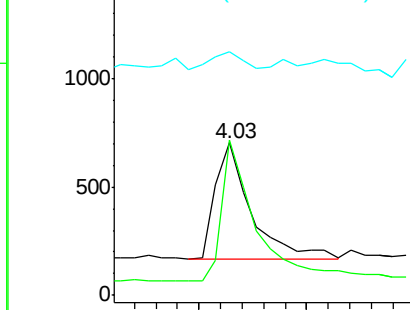
#3
 n-Nitrosodimethylamine
 Concen: 0.152 ng
 RT: 4.03 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BE094977.D
 Acq: 14 Dec 2017 15:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tot Ion:	42	Resp:	1230
Ion	Ratio	Lower	Upper
42	100		
74	120.9	96.0	144.0
44	14.6	12.0	18.0

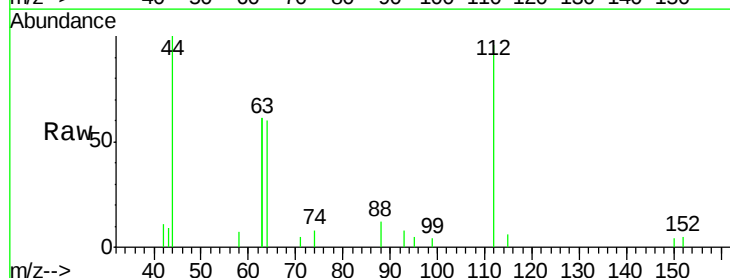


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

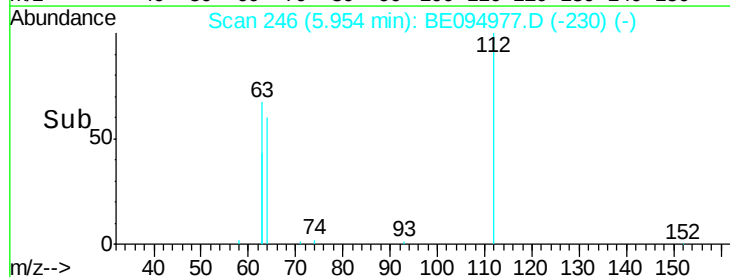
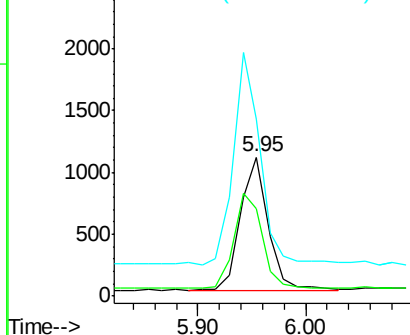


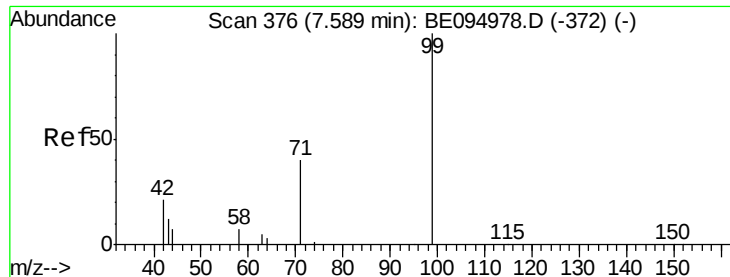
#4
 2-Fluorophenol
 Concen: 0.201 ng
 RT: 5.95 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094977.D
 Acq: 14 Dec 2017 15:29

Tgt Ion:	112	Resp:	1927
Ion	Ratio	Lower	Upper
112	100		
64	73.3	60.1	90.1
63	155.7	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: 0.198 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

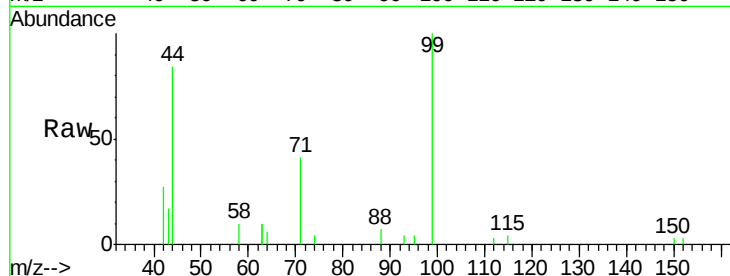
Tot Ion: 99 Resp: 2812

Ion Ratio Lower Upper

99 100

42 25.2 20.2 30.2

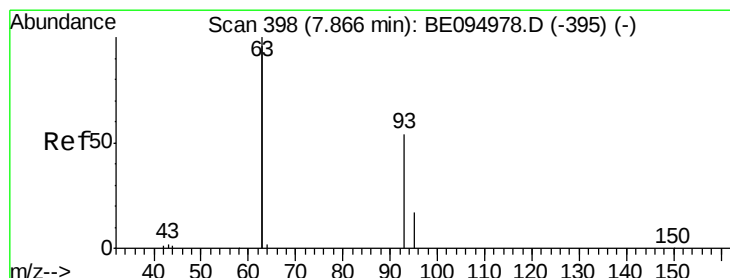
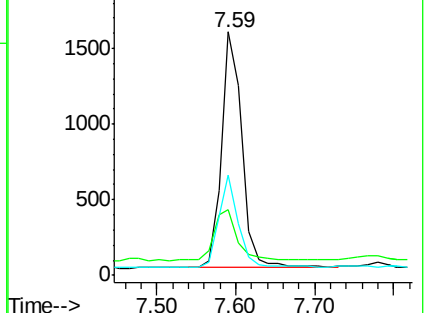
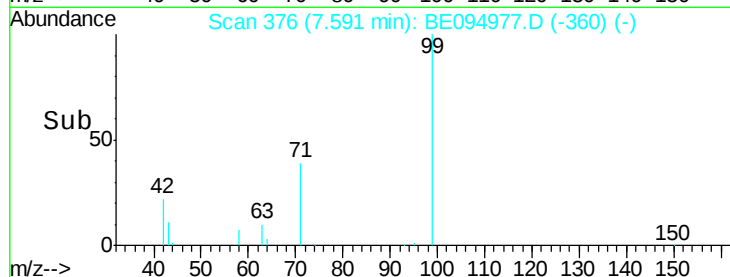
71 37.9 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.194 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

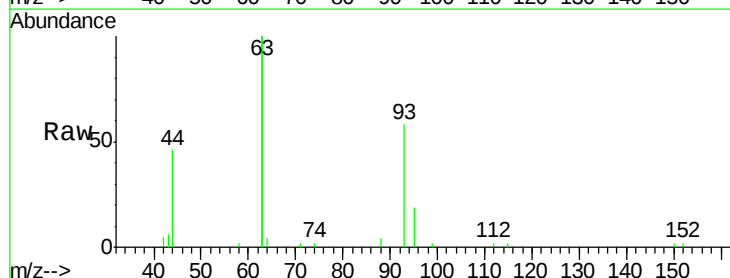
Tgt Ion: 93 Resp: 2728

Ion Ratio Lower Upper

93 100

63 335.8 275.3 412.9

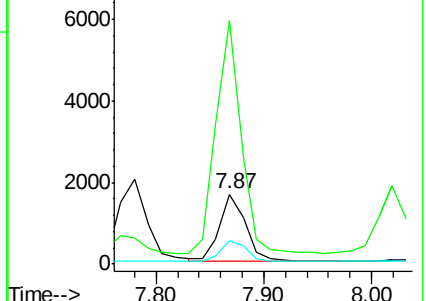
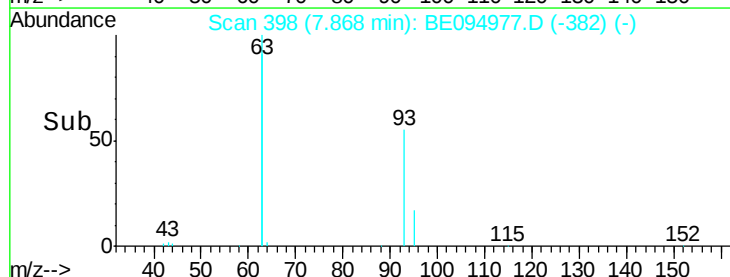
95 31.6 25.2 37.8

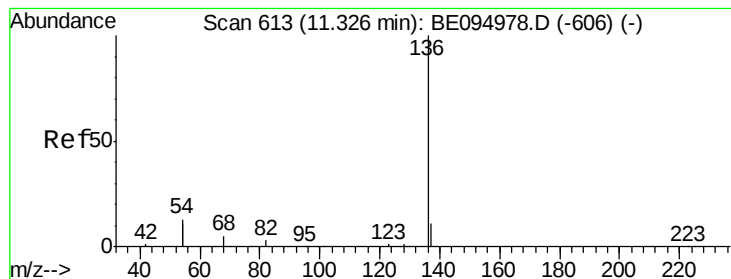


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 13631

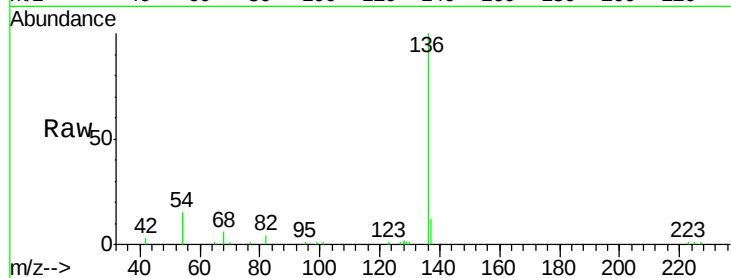
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 29.8 29.1 43.7

68 6.4 6.2 9.2

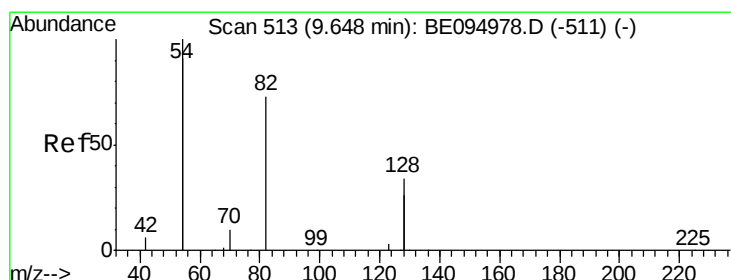
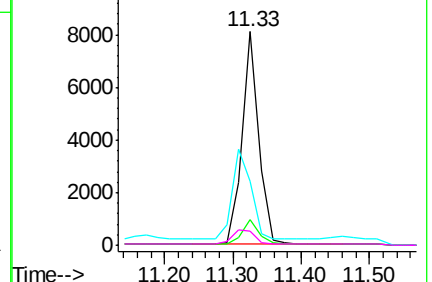
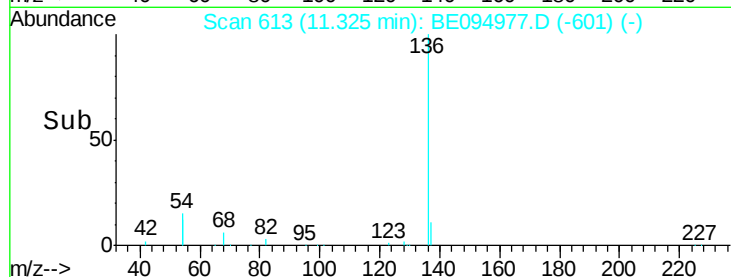


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.271 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.02 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

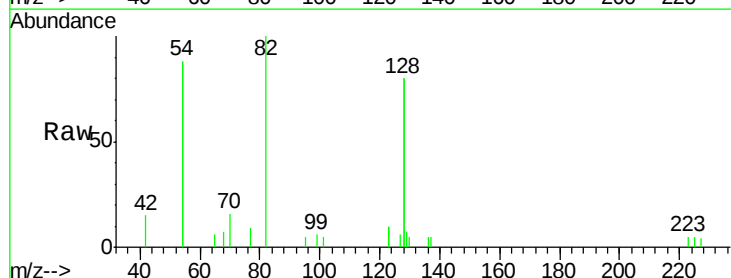
Tgt Ion: 82 Resp: 2186

Ion Ratio Lower Upper

82 100

128 159.3 150.0 225.0

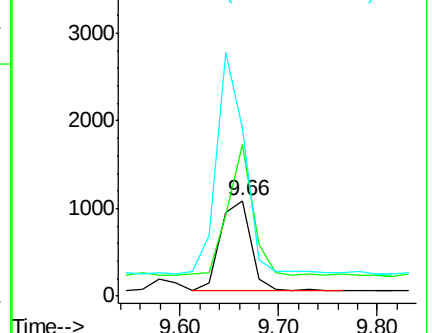
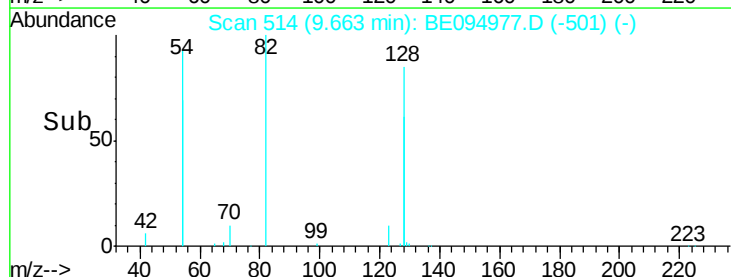
54 175.6 154.2 231.4

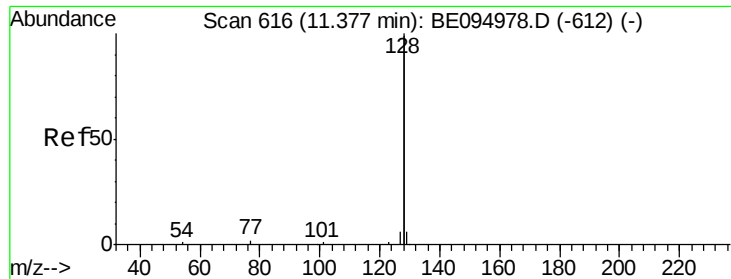


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.202 ng

RT: 11.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

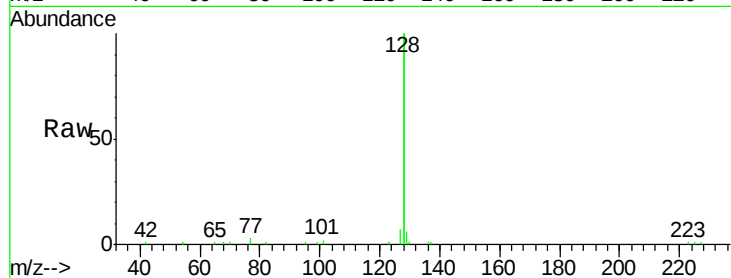
Tot Ion:128 Resp: 32350

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

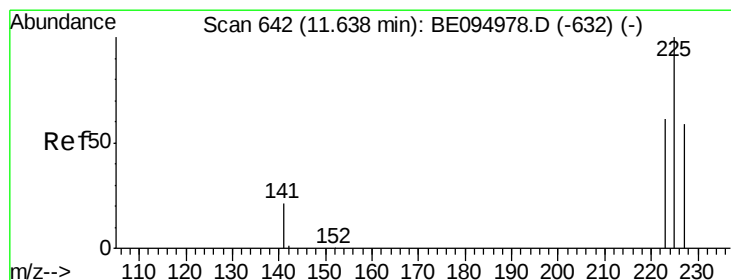
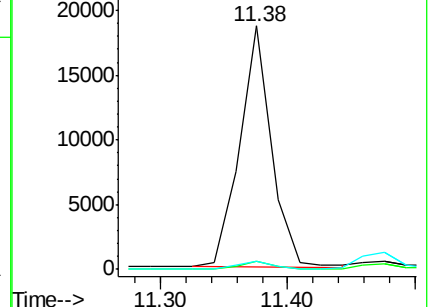
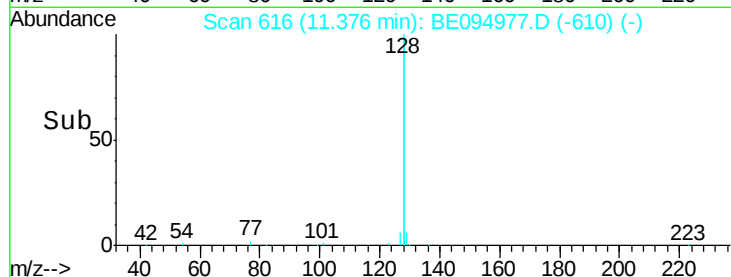
127 3.4 2.8 4.2



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: 0.216 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

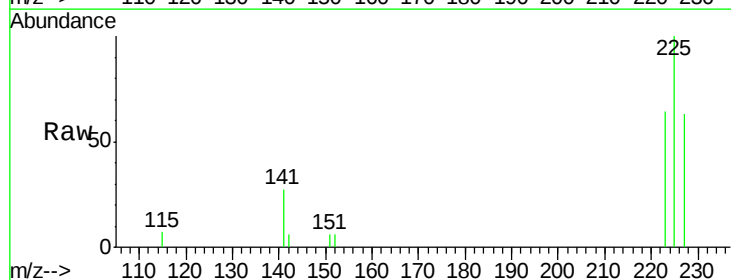
Tgt Ion:225 Resp: 1455

Ion Ratio Lower Upper

225 100

223 62.9 53.0 79.6

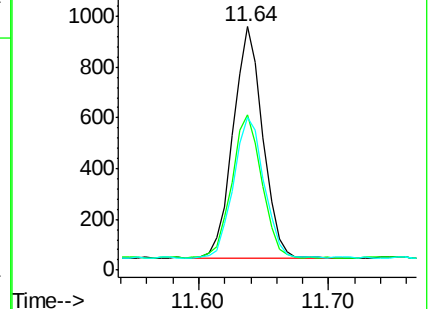
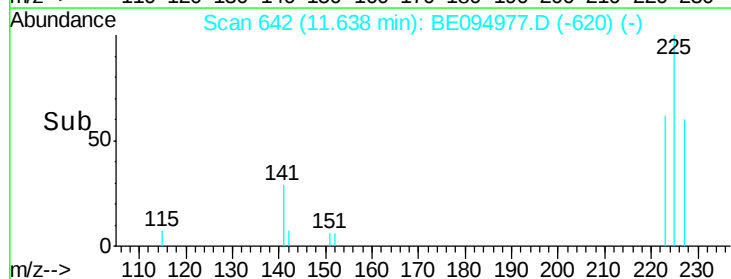
227 62.5 51.4 77.2

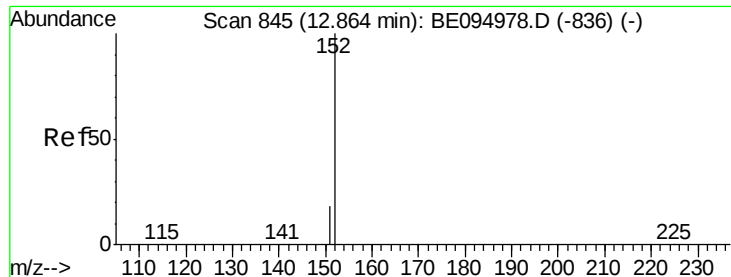


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.202 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

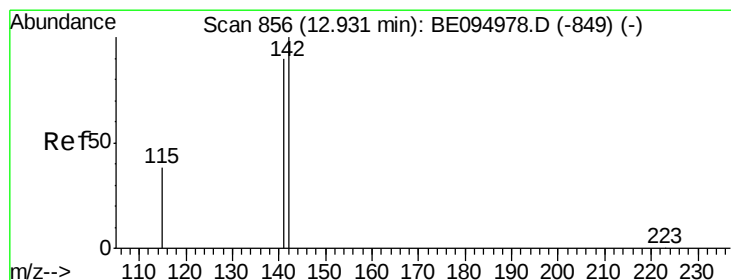
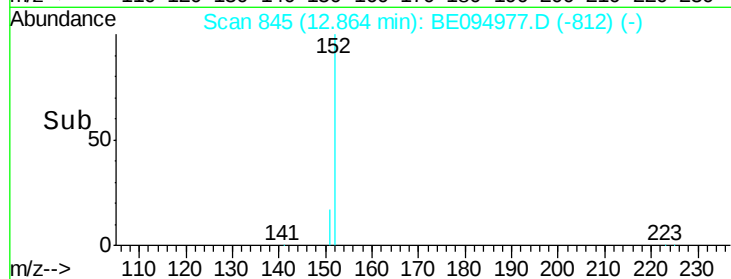
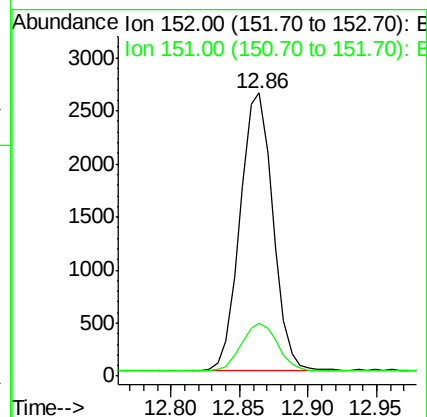
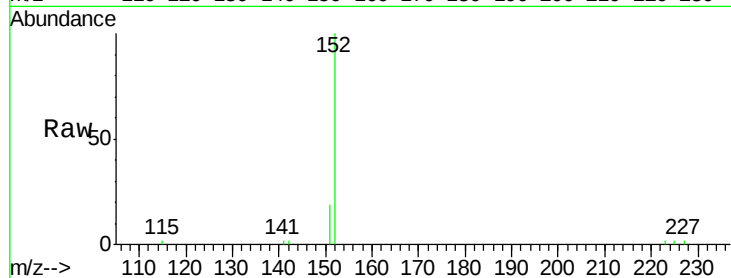
SSTDIC0.2

Tot Ion:152 Resp: 4384

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.205 ng

RT: 12.93 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

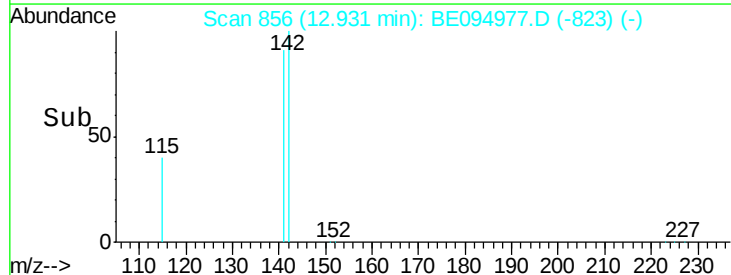
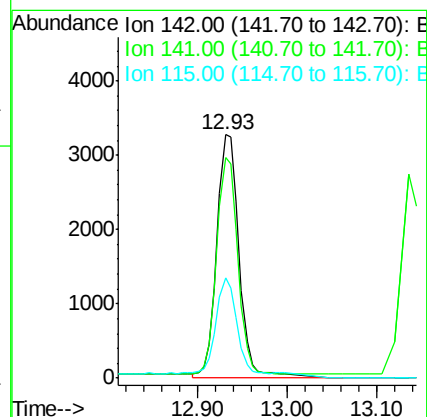
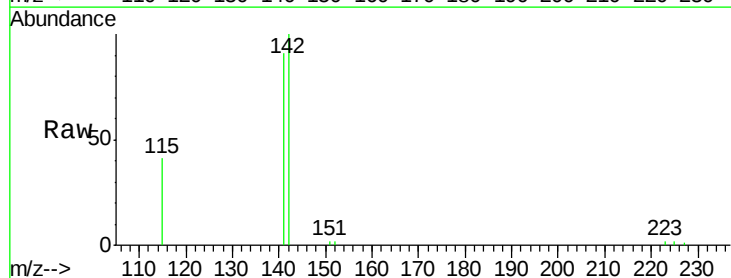
Tgt Ion:142 Resp: 8157

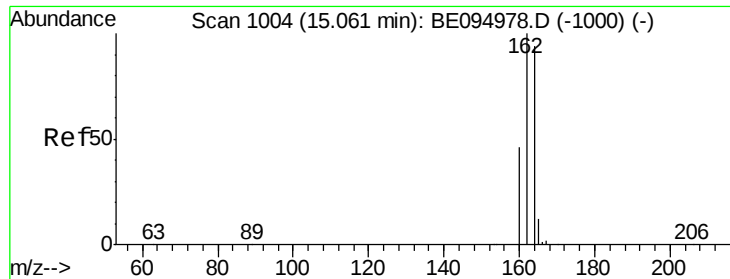
Ion Ratio Lower Upper

142 100

141 90.7 70.4 105.6

115 41.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

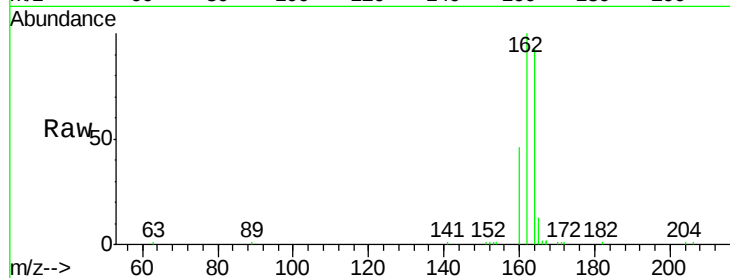
Tot Ion:164 Resp: 7878

Ion Ratio Lower Upper

164 100

162 108.0 83.1 124.7

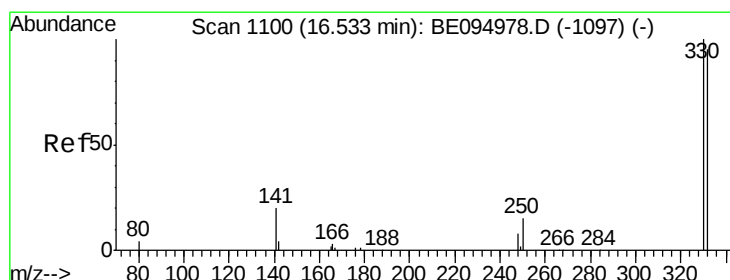
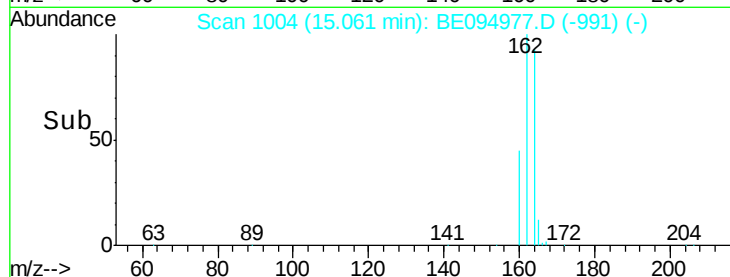
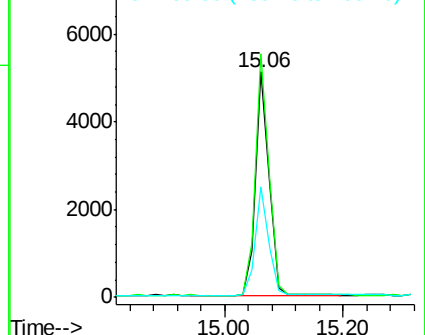
160 49.2 37.1 55.7



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: 0.190 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

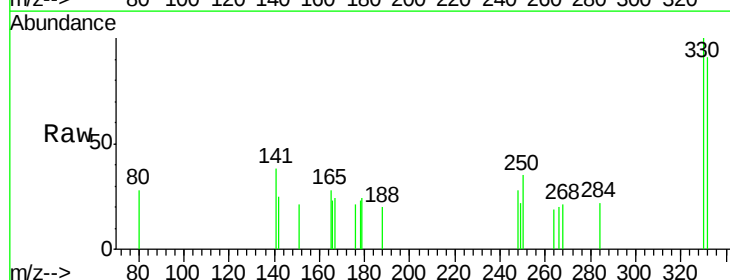
Tgt Ion:330 Resp: 324

Ion Ratio Lower Upper

330 100

332 90.7 152.7 229.1#

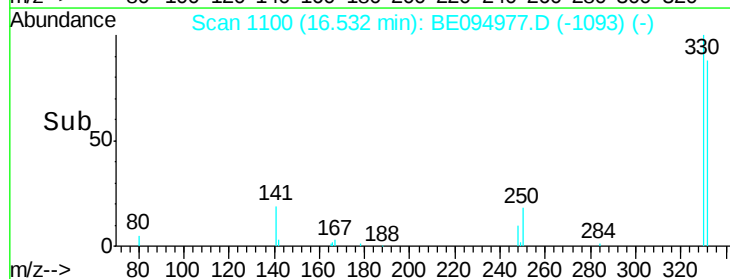
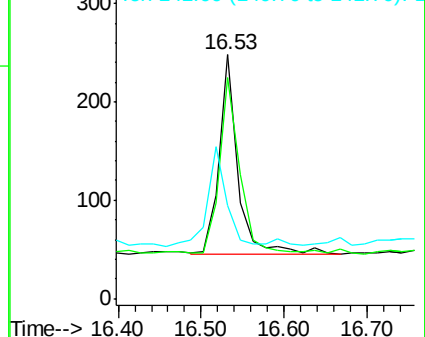
141 51.9 33.7 50.5#

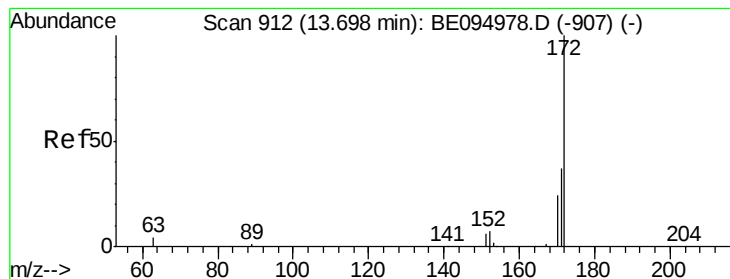


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.199 ng

RT: 13.70 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

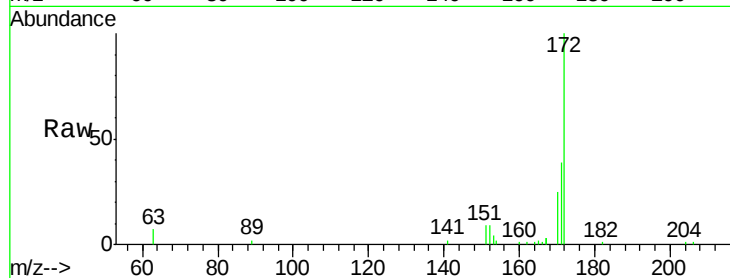
Tot Ion:172 Resp: 6697

Ion Ratio Lower Upper

172 100

171 39.4 29.9 44.9

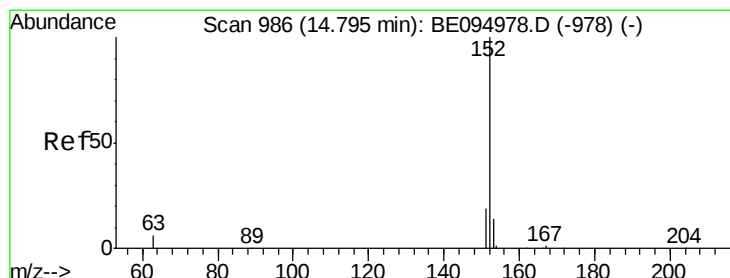
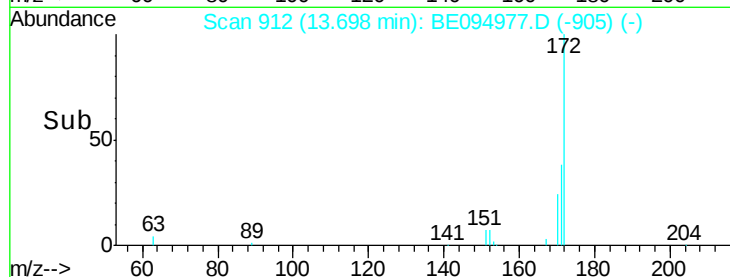
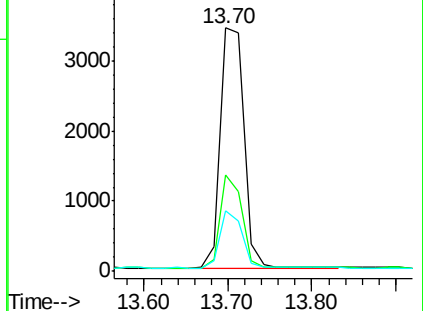
170 25.0 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.177 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

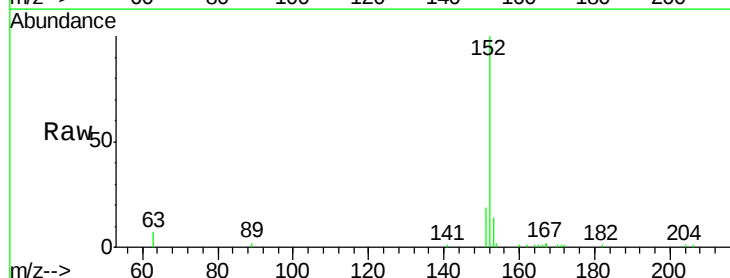
Tgt Ion:152 Resp: 7892

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

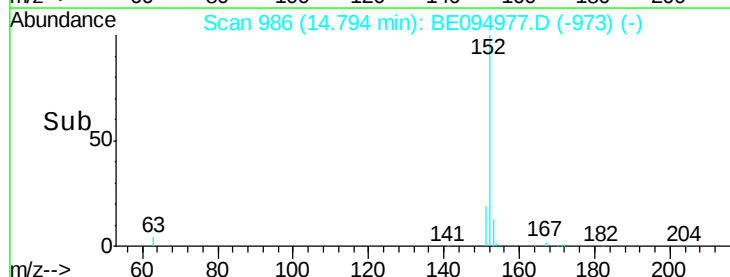
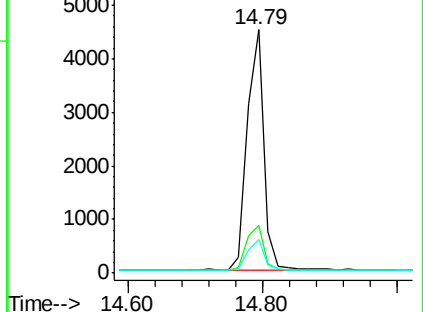
153 12.9 10.5 15.7

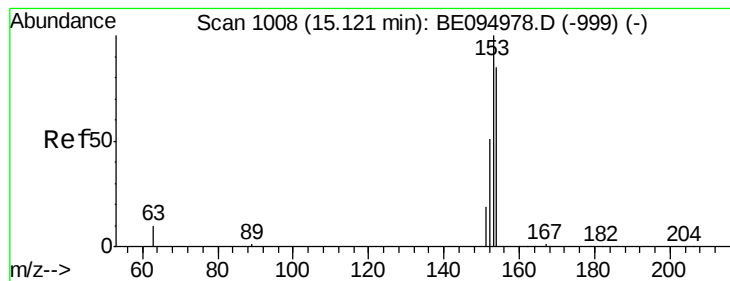


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.193 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

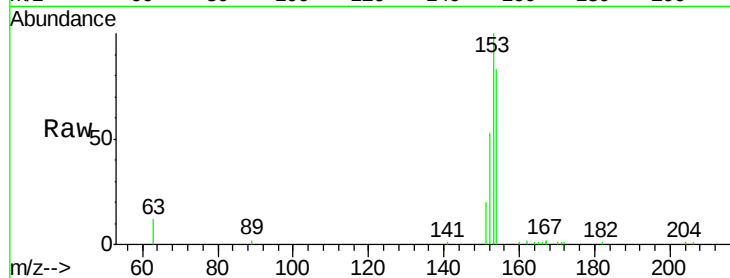
Tot Ion:154 Resp: 5545

Ion Ratio Lower Upper

154 100

153 116.6 89.2 133.8

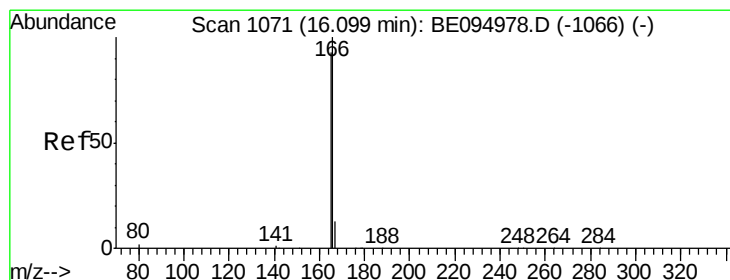
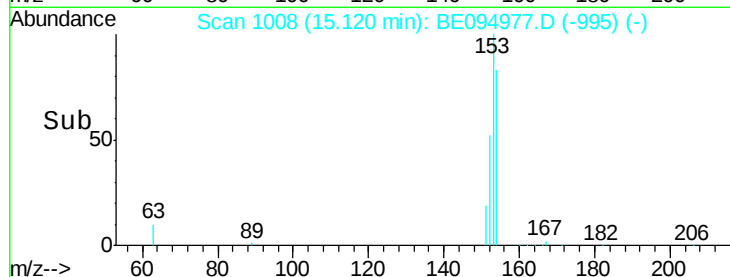
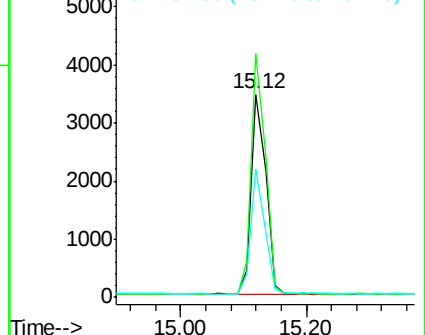
152 60.6 42.0 63.0



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: 0.186 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

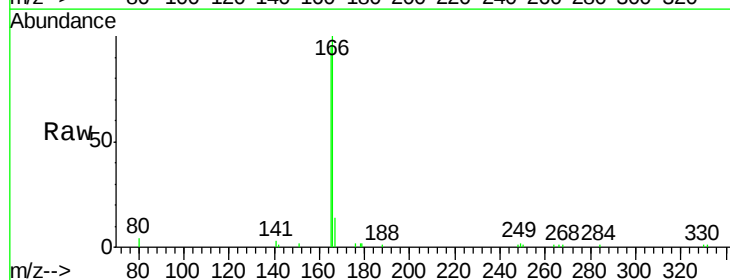
Tgt Ion:166 Resp: 6808

Ion Ratio Lower Upper

166 100

165 101.4 77.8 116.6

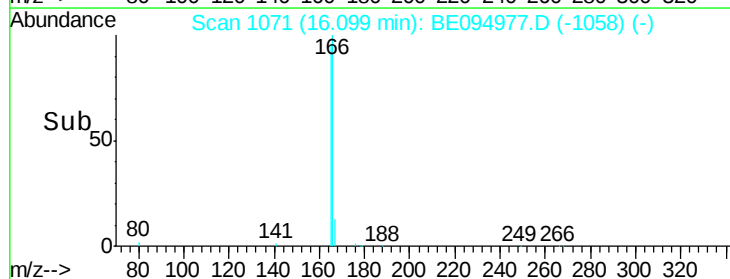
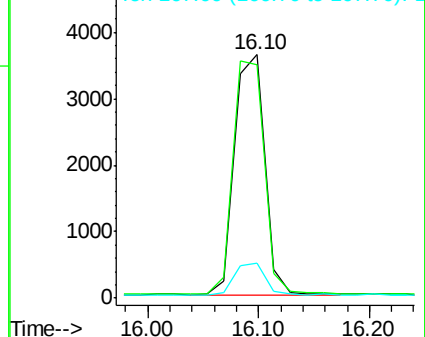
167 14.2 42.4 63.6#

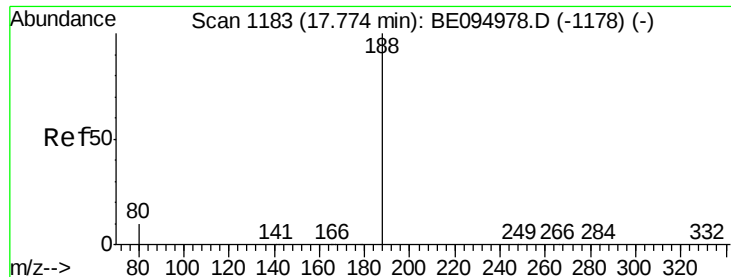


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

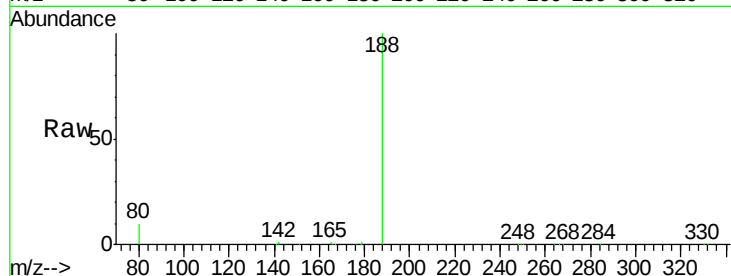
Tot Ion:188 Resp: 18854

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

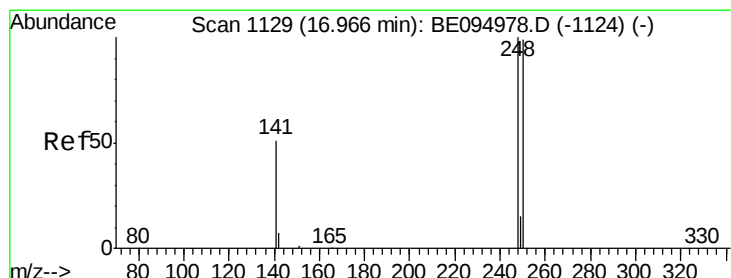
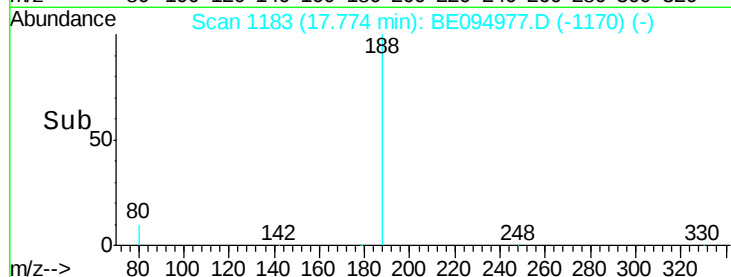
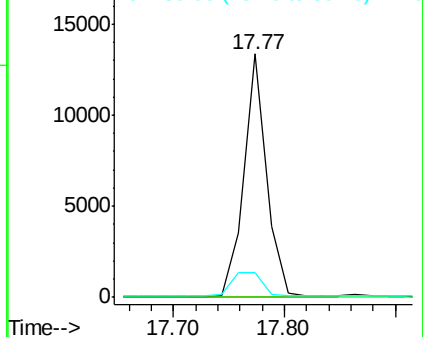
80 10.4 3.6 5.4#



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: 0.202 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

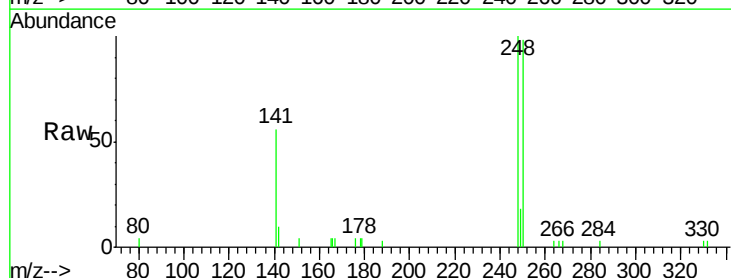
Tgt Ion:248 Resp: 2127

Ion Ratio Lower Upper

248 100

250 98.0 62.7 94.1#

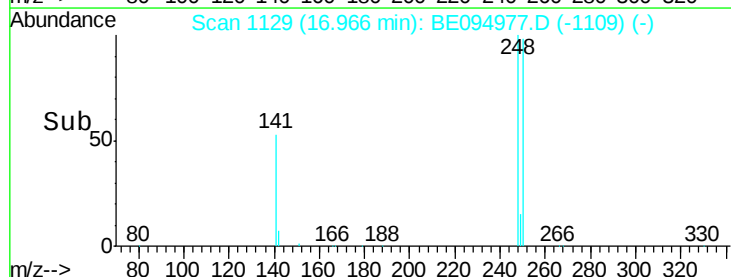
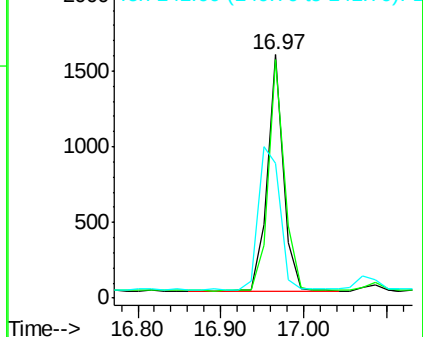
141 55.5 48.2 72.2

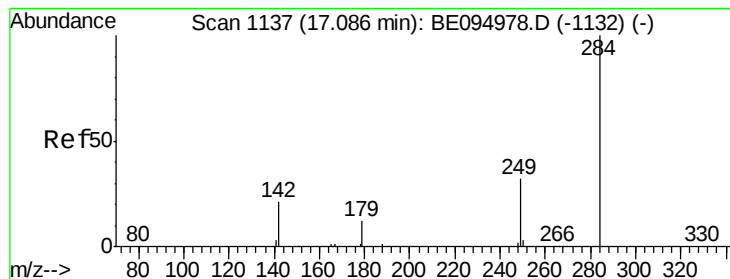


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.216 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

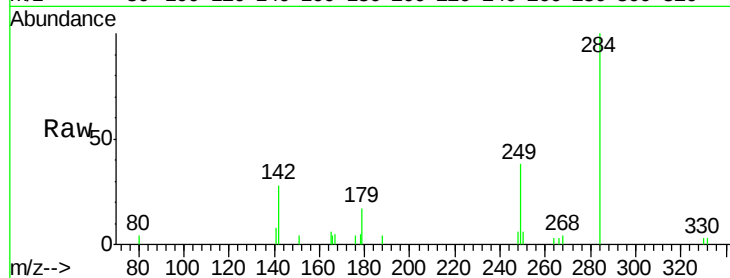
Tot Ion:284 Resp: 2221

Ion Ratio Lower Upper

284 100

142 42.6 22.1 33.1#

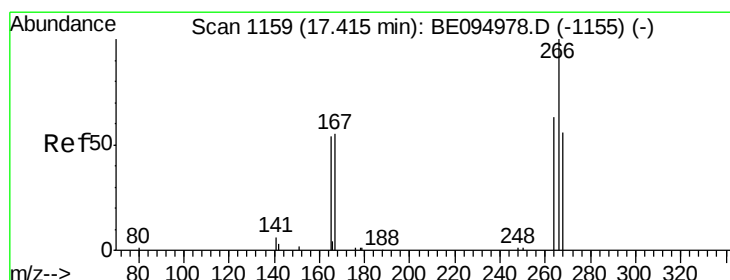
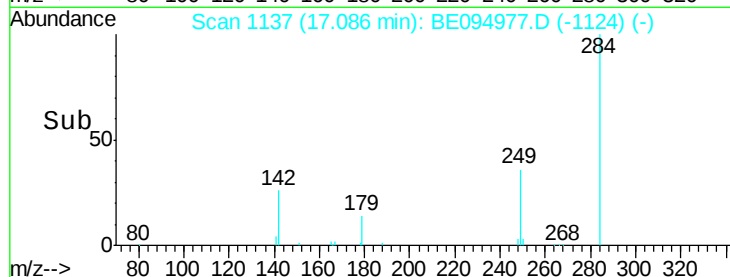
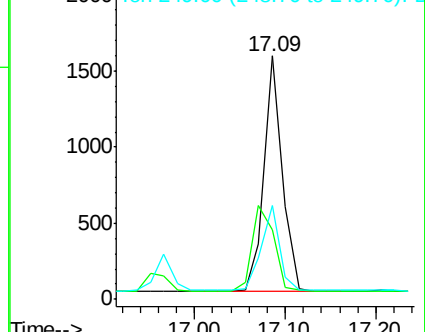
249 36.1 34.8 52.2



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: 0.148 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

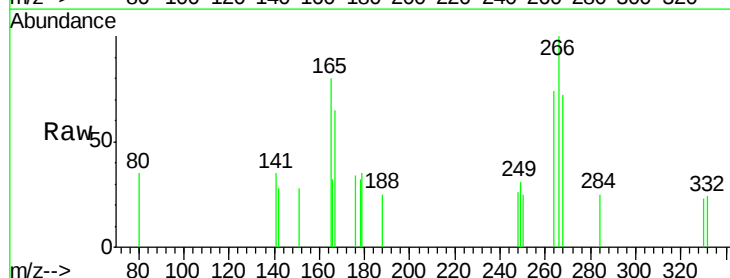
Tgt Ion:266 Resp: 374

Ion Ratio Lower Upper

266 100

264 74.2 72.5 108.7

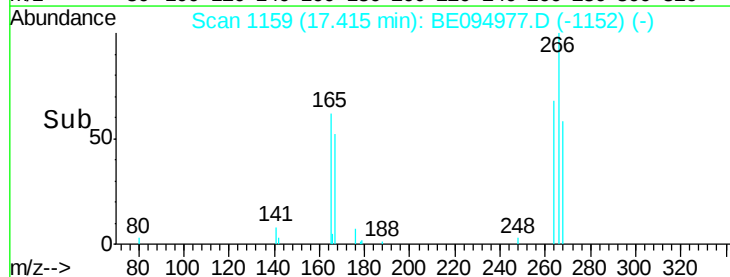
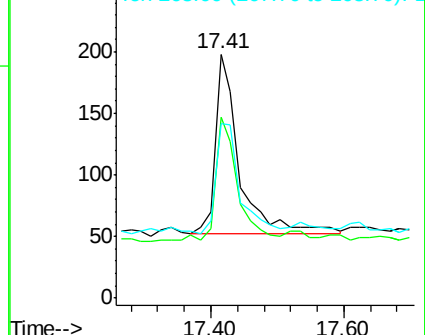
268 71.7 73.8 110.6#

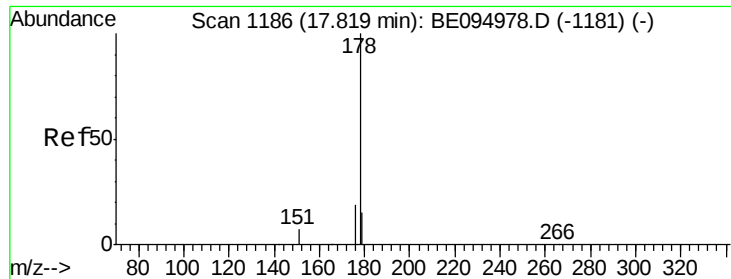


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.191 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

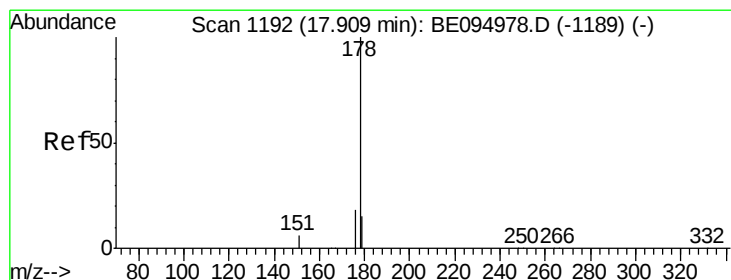
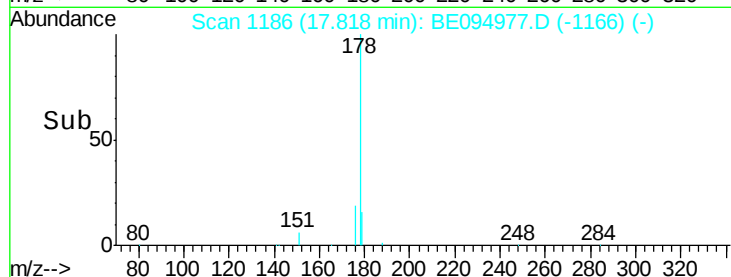
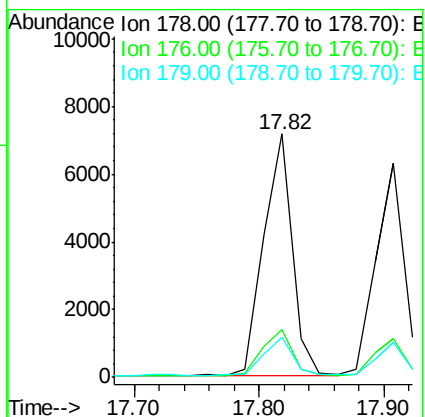
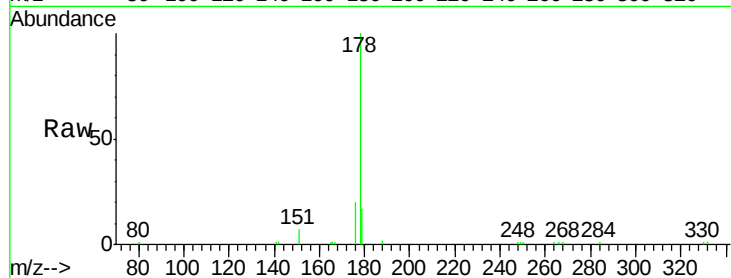
Tot Ion:178 Resp: 11462

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

179 16.0 11.8 17.6



#24

Anthracene

Concen: 0.183 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

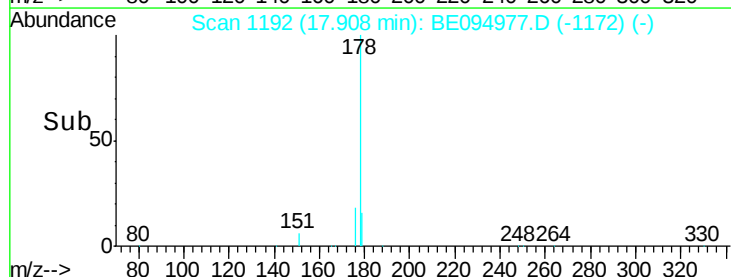
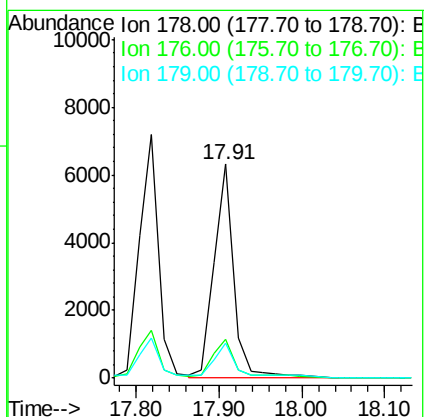
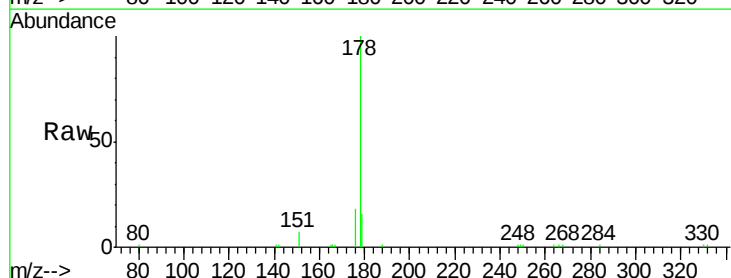
Tgt Ion:178 Resp: 11637

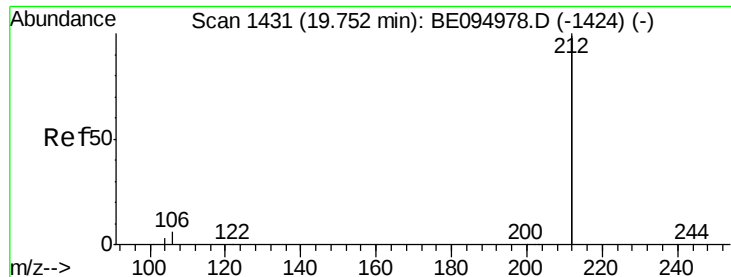
Ion Ratio Lower Upper

178 100

176 22.1 12.8 19.2#

179 19.8 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.178 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

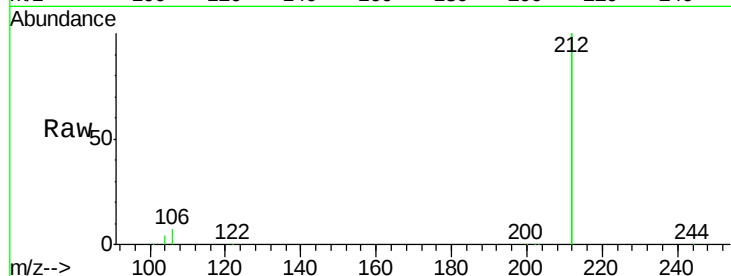
Tot Ion:212 Resp: 45853

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

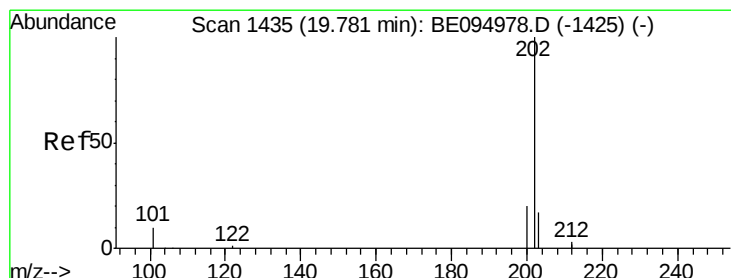
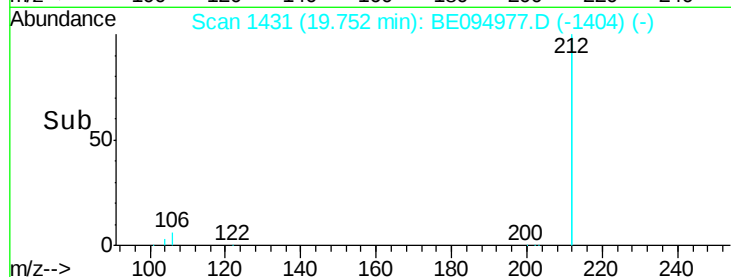
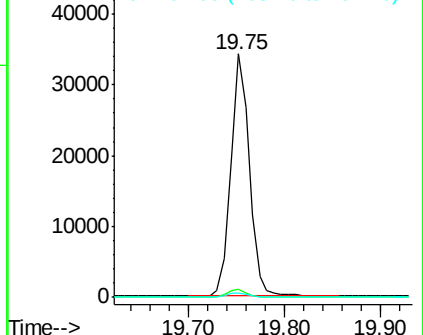
104 1.8 1.6 2.4



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: 0.172 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

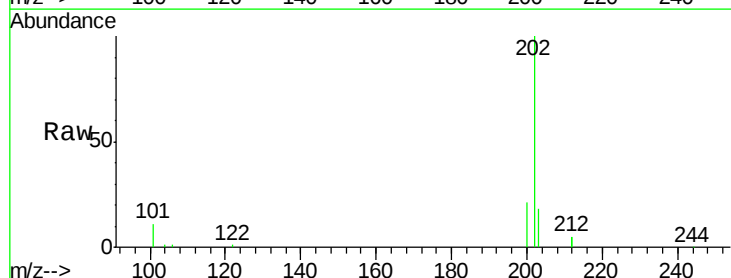
Tgt Ion:202 Resp: 13275

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

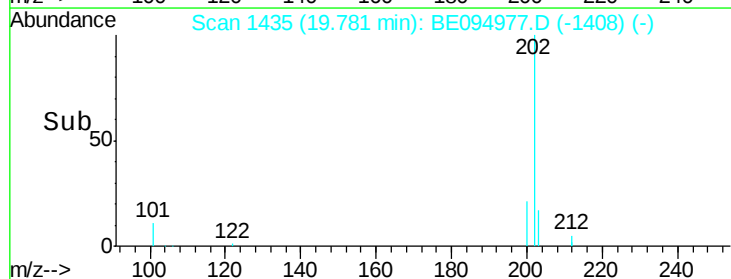
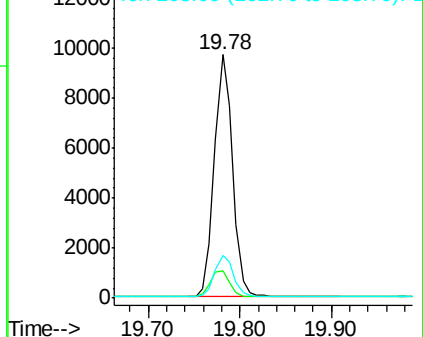
203 17.7 13.7 20.5

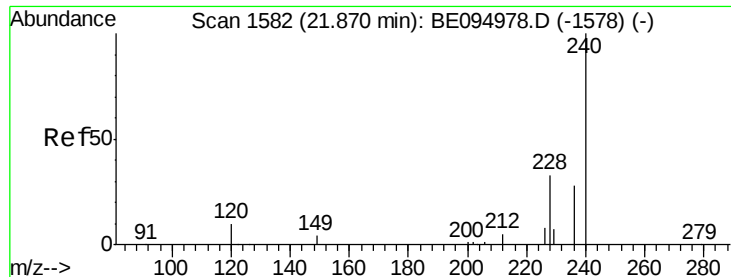


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

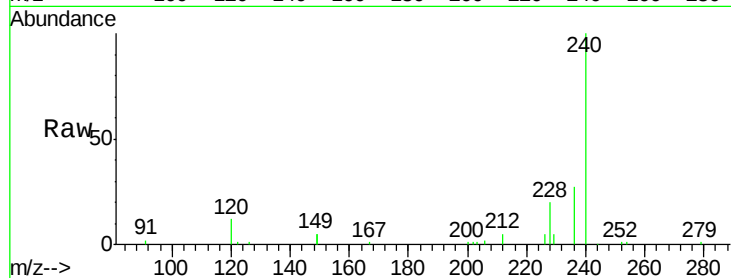
Tot Ion:240 Resp: 19759

Ion Ratio Lower Upper

240 100

120 12.2 5.5 8.3#

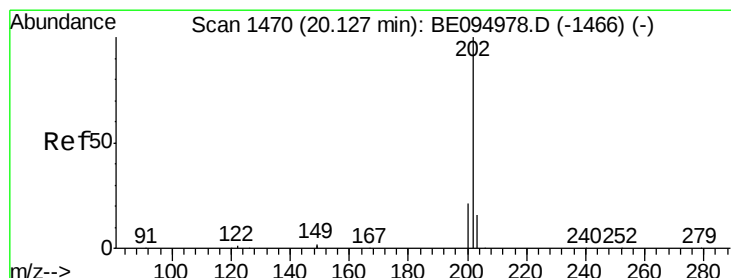
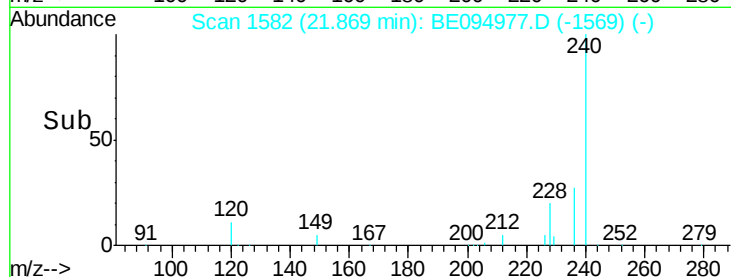
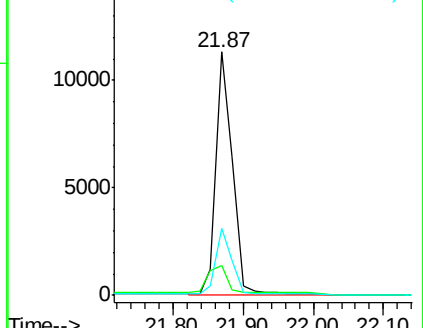
236 27.3 20.7 31.1



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: 0.200 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

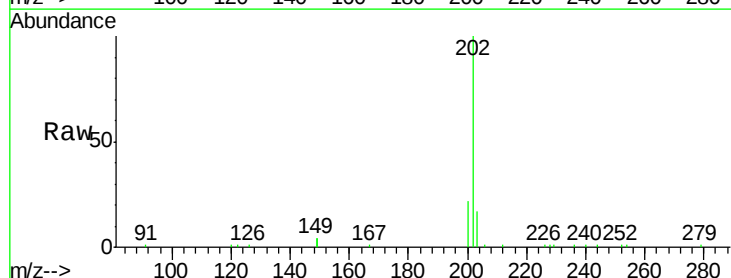
Tgt Ion:202 Resp: 13629

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

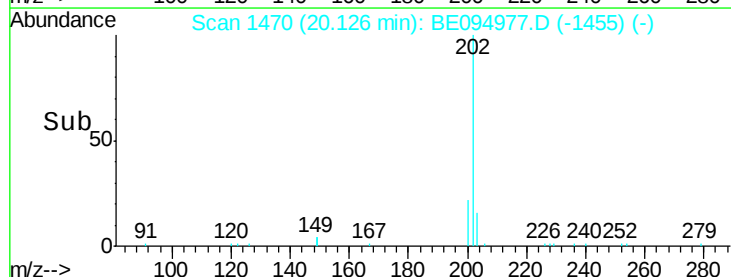
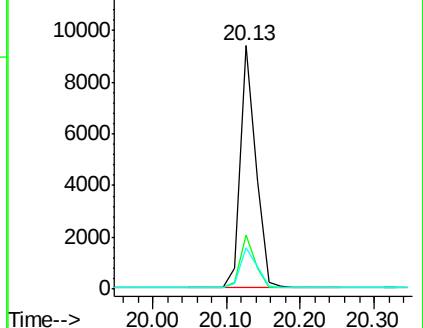
203 18.0 13.8 20.8

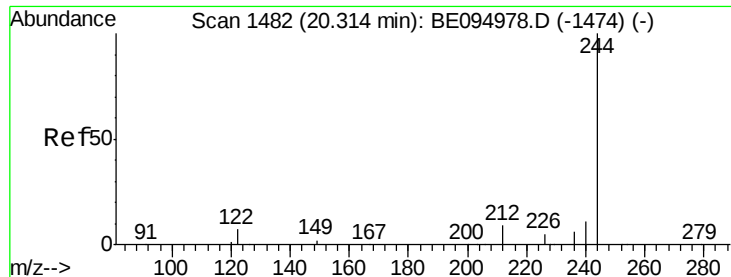


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.203 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

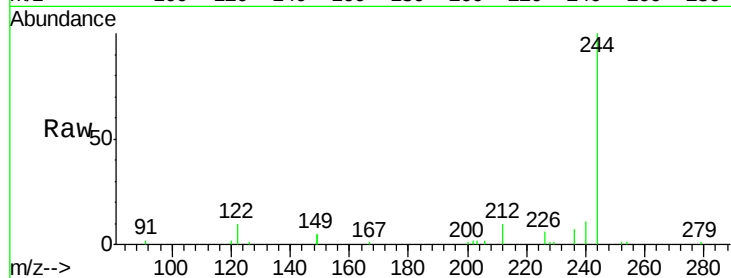
Tot Ion:244 Resp: 7407

Ion Ratio Lower Upper

244 100

212 10.3 25.4 38.0#

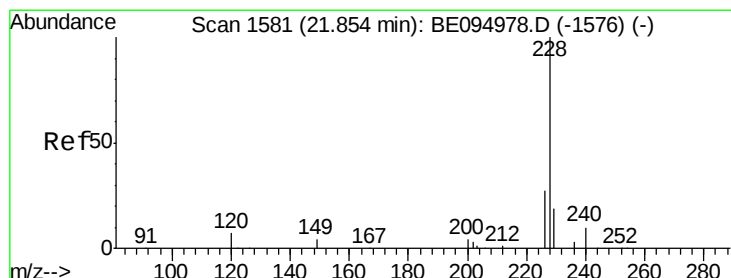
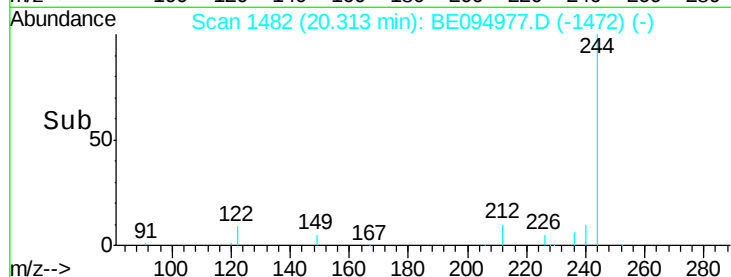
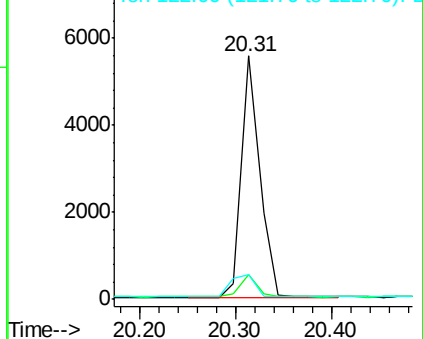
122 10.2 8.1 12.1



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: 0.183 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

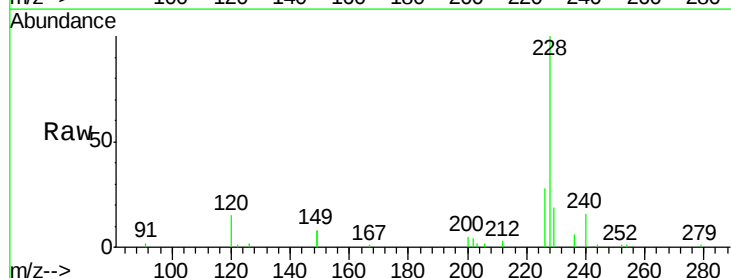
Tgt Ion:228 Resp: 11072

Ion Ratio Lower Upper

228 100

226 27.7 40.0 60.0#

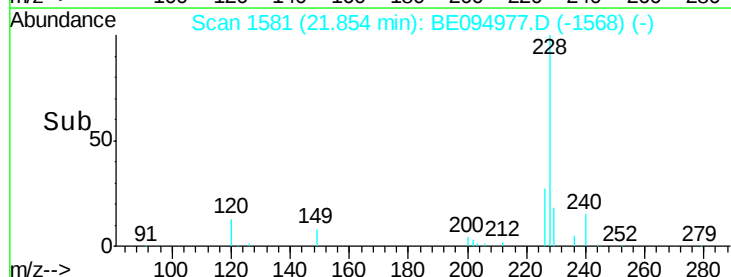
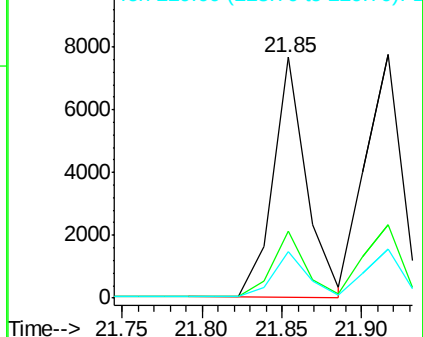
229 19.1 40.0 60.0#

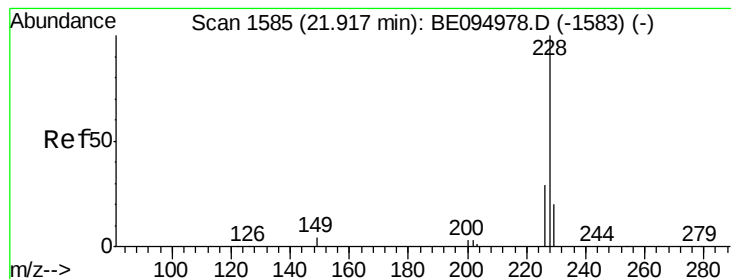


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.203 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

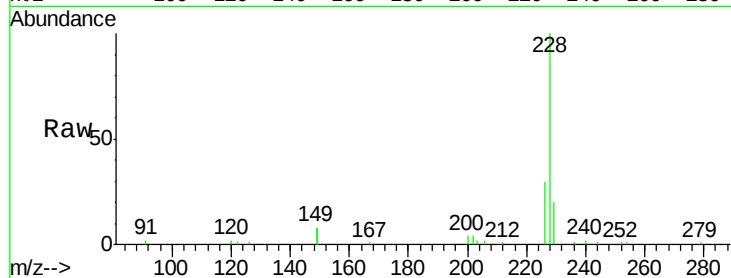
Tot Ion:228 Resp: 13563

Ion Ratio Lower Upper

228 100

226 29.9 40.0 60.0#

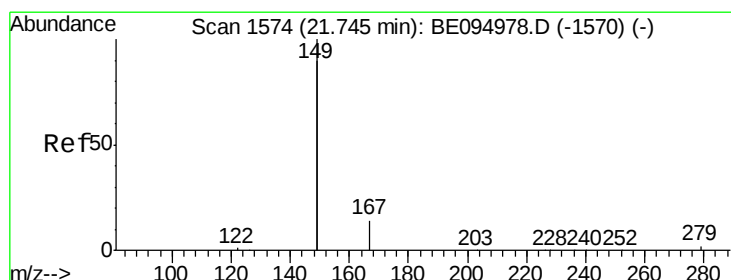
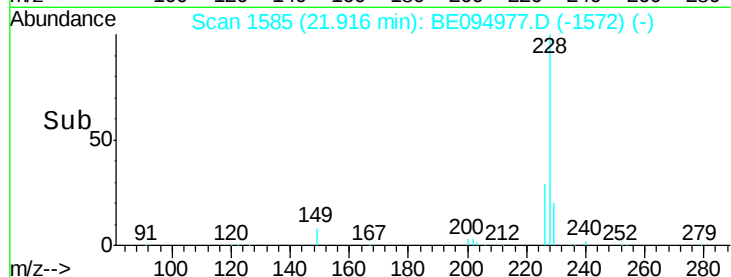
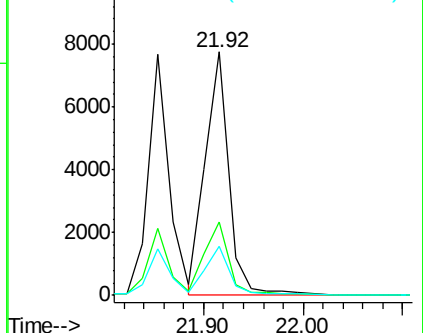
229 20.3 40.0 60.0#



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: 0.133 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

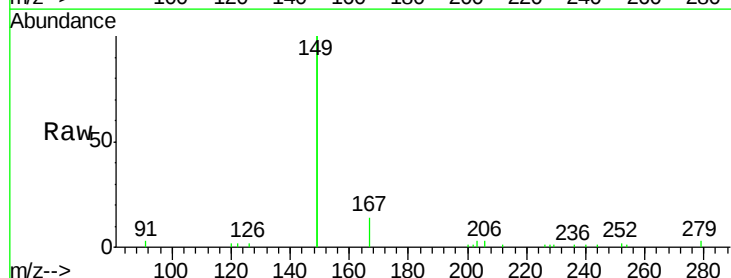
Tgt Ion:149 Resp: 13360

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

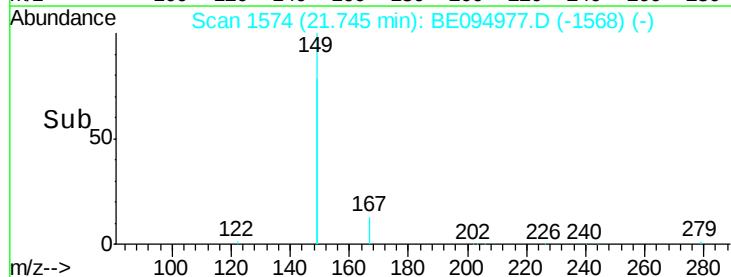
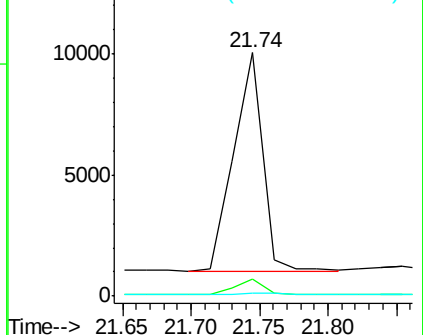
279 0.8 0.7 1.1

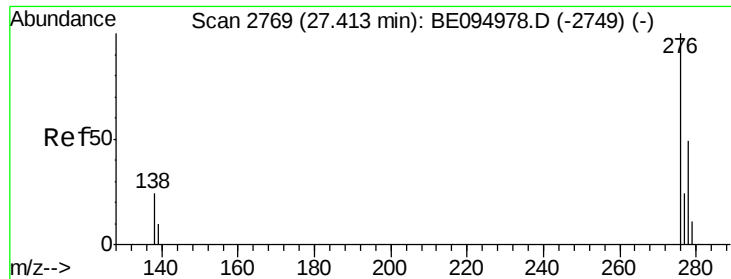


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

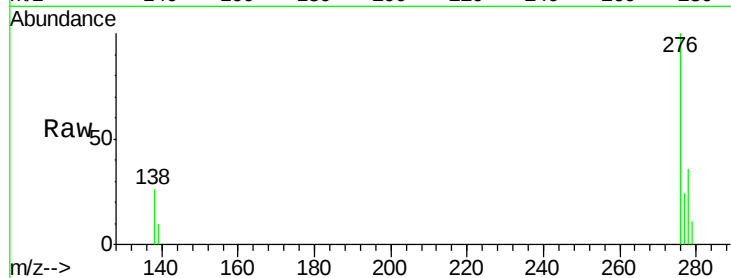




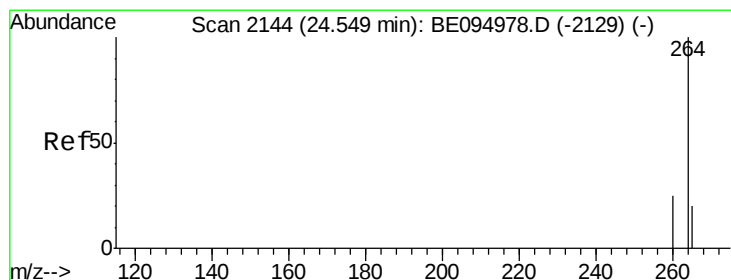
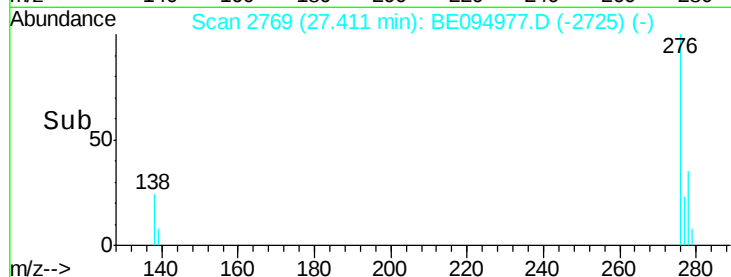
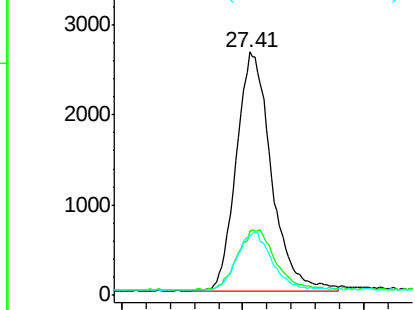
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng
RT: 27.41 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:276 Resp: 10601
Ion Ratio Lower Upper
276 100
138 26.8 22.5 33.7
277 24.3 19.9 29.9

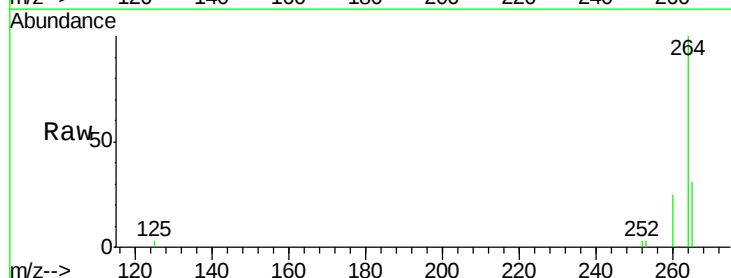


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

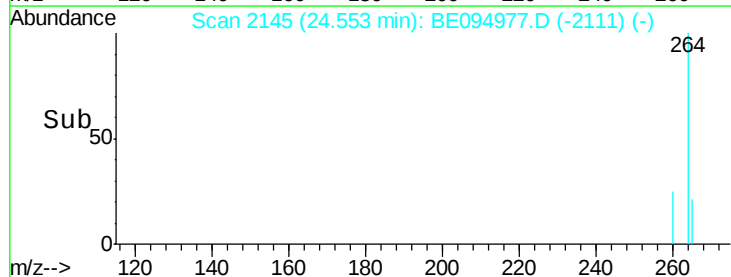
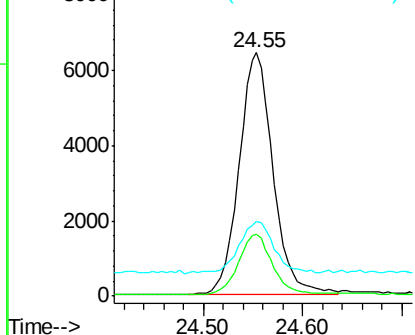


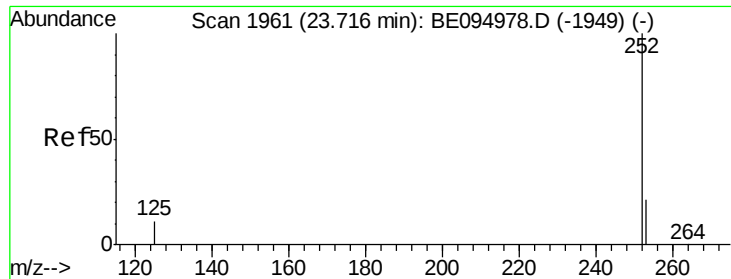
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:264 Resp: 15194
Ion Ratio Lower Upper
264 100
260 25.5 20.5 30.7
265 30.6 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

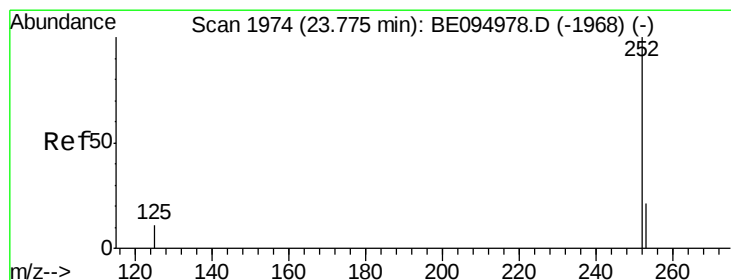
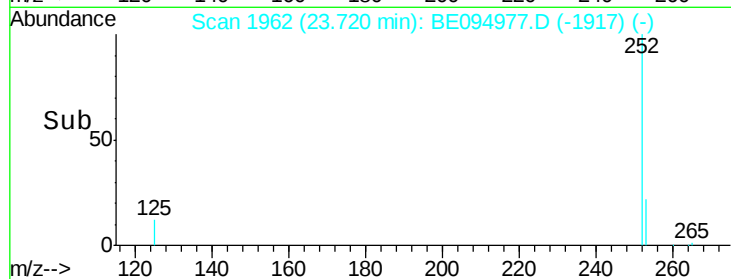
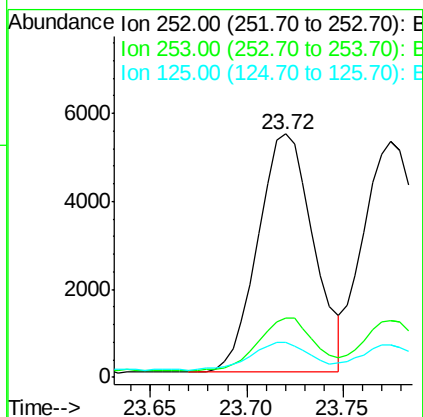
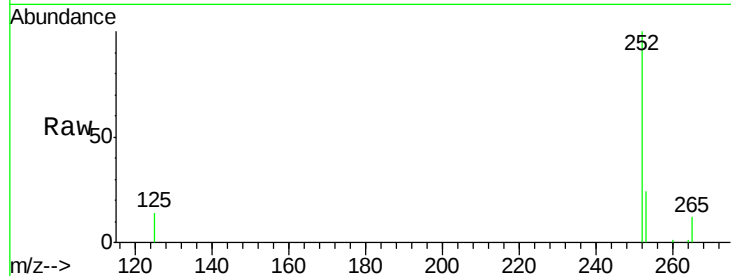




#35
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 23.72 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

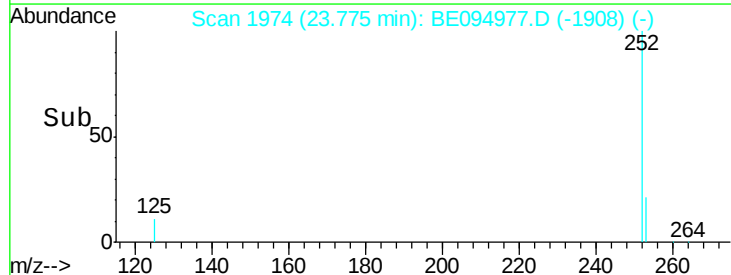
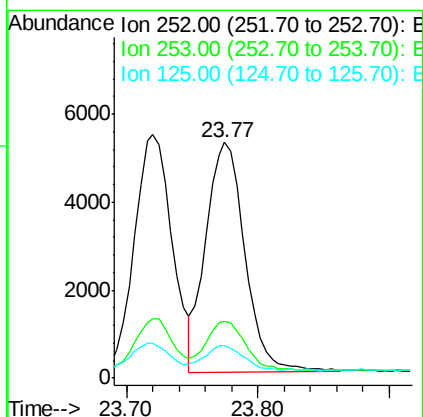
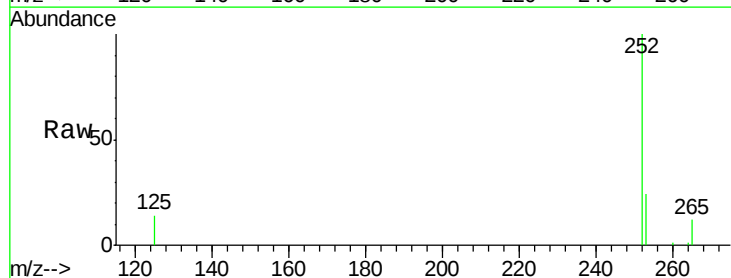
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

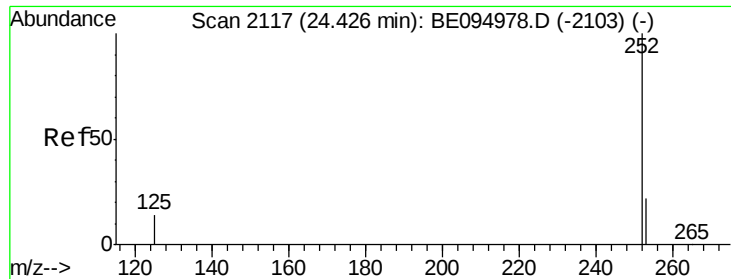
Tot Ion:252 Resp: 10887
Ion Ratio Lower Upper
252 100
253 24.2 20.0 30.0
125 14.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 23.77 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:252 Resp: 10742
Ion Ratio Lower Upper
252 100
253 23.9 16.0 24.0
125 14.0 8.0 12.0#

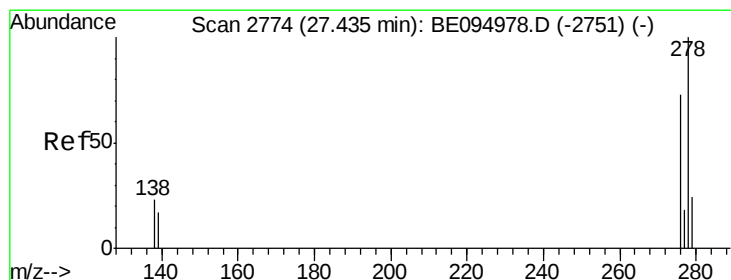
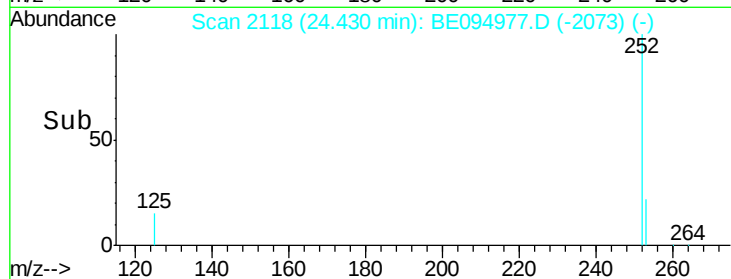
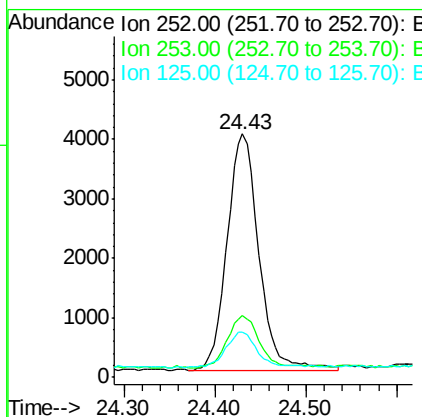
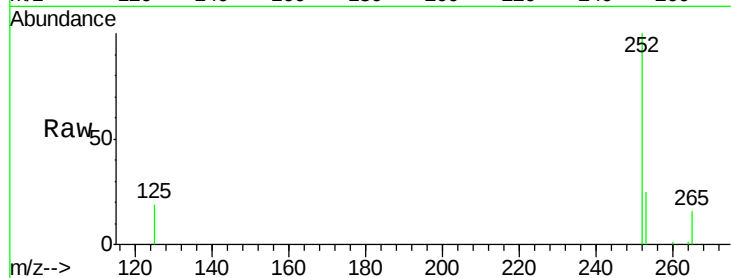




#37
Benzo(a)pyrene
Concen: 0.198 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

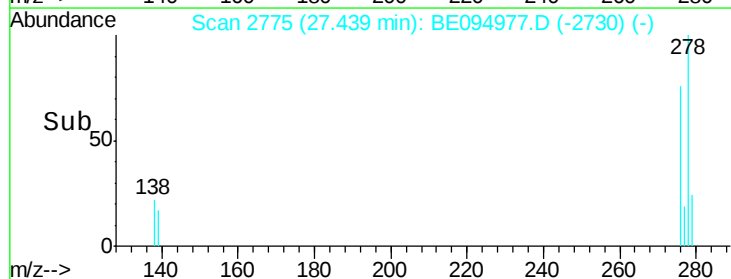
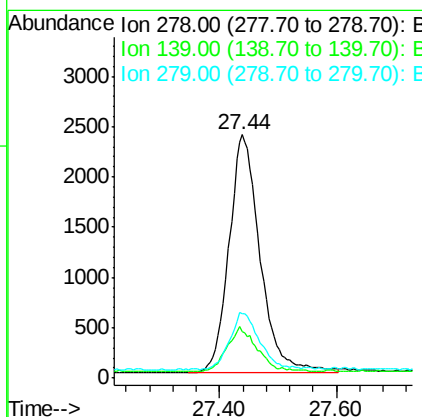
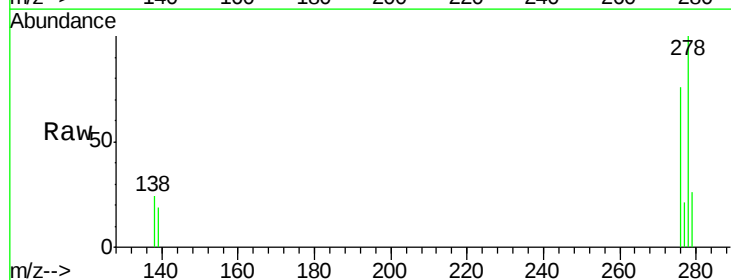
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

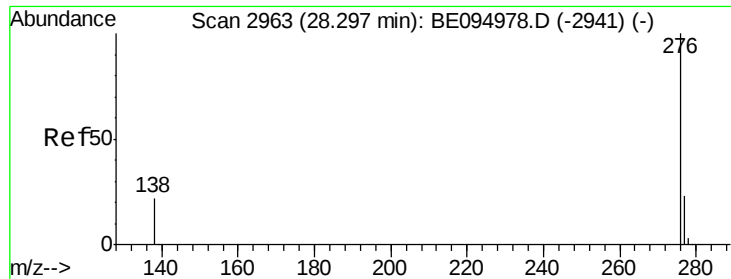
Tot Ion:252 Resp: 9636
Ion Ratio Lower Upper
252 100
253 25.4 16.0 24.0#
125 18.7 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.196 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094977.D
Acq: 14 Dec 2017 15:29

Tgt Ion:278 Resp: 8802
Ion Ratio Lower Upper
278 100
139 19.2 16.0 24.0
279 26.2 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.197 ng

RT: 28.30 min Scan# 2965

Delta R.T. 0.01 min

Lab File: BE094977.D

Acq: 14 Dec 2017 15:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

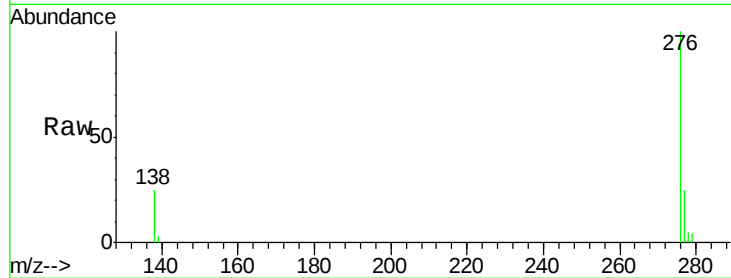
Tot Ion:276 Resp: 8856

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 25.2 20.0 30.0



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

