

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
 Data File : BE094979.D
 Acq On : 14 Dec 2017 16:41
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Dec 14 17:26:47 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	6182	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	13947	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8130	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	19094	0.40	ng	0.00
27) Chrysene-d12	21.87	240	21586	0.40	ng	0.00
34) Perylene-d12	24.55	264	15559	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	7275	0.74	ng	0.00
5) Phenol-d6	7.59	99	11188	0.77	ng	0.00
8) Nitrobenzene-d5	9.65	82	8606	1.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	18020	0.81	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1503	0.86	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	27914	0.80	ng	0.00
25) Fluoranthene-d10	19.75	212	191629	0.73	ng	0.00
29) Terphenyl-d14	20.31	244	32233	0.81	ng	0.00

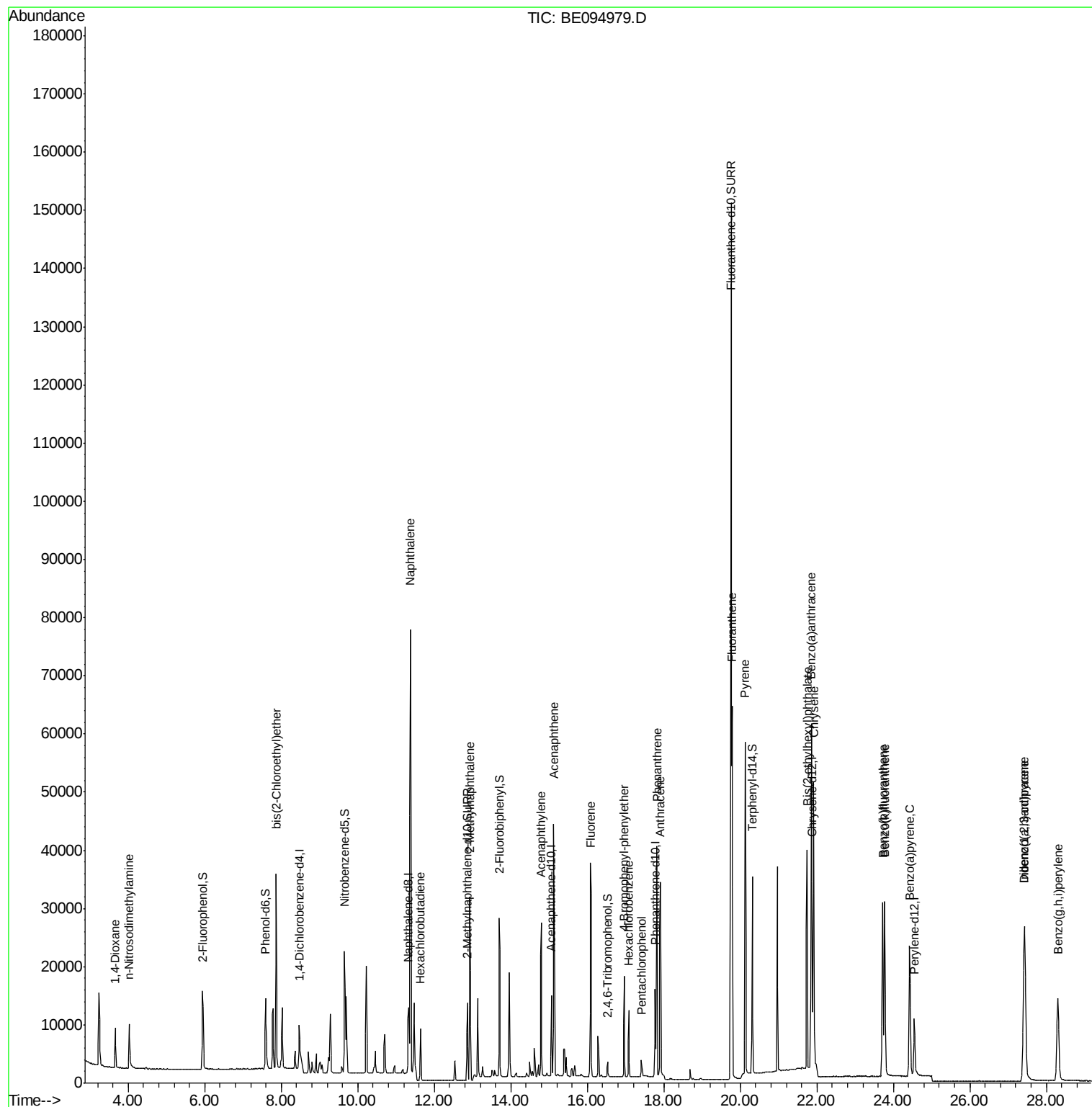
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	4765	0.737	ng	# 89
3) n-Nitrosodimethylamine	4.02	42	5752	0.698	ng	92
6) bis(2-Chloroethyl)ether	7.87	93	10920	0.760	ng	97
9) Naphthalene	11.38	128	129309	0.791	ng	99
10) Hexachlorobutadiene	11.64	225	5834	0.845	ng	97
12) 2-Methylnaphthalene	12.93	142	31608	0.778	ng	98
16) Acenaphthylene	14.79	152	34102	0.742	ng	100
17) Acenaphthene	15.12	154	22443	0.756	ng	96
18) Fluorene	16.10	166	28735	0.761	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	8769	0.823	ng	# 78
21) Hexachlorobenzene	17.09	284	8903	0.857	ng	# 82
22) Pentachlorophenol	17.41	266	1830	0.713	ng	# 72
23) Phenanthrene	17.82	178	46987	0.772	ng	99
24) Anthracene	17.91	178	47219	0.732	ng	# 96
26) Fluoranthene	19.78	202	58032	0.742	ng	99
28) Pyrene	20.13	202	57139	0.767	ng	97
30) Benzo(a)anthracene	21.85	228	48983	0.740	ng	# 61
31) Chrysene	21.92	228	54009	0.738	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.74	149	54994	0.501	ng	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	43231	0.722	ng	99
35) Benzo(b)fluoranthene	23.72	252	44044	0.775	ng	# 89
36) Benzo(k)fluoranthene	23.77	252	46558	0.804	ng	95
37) Benzo(a)pyrene	24.43	252	38819	0.779	ng	94
38) Dibenzo(a,h)anthracene	27.44	278	36897	0.802	ng	96
39) Benzo(g,h,i)perylene	28.30	276	36828	0.802	ng	96

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

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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: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

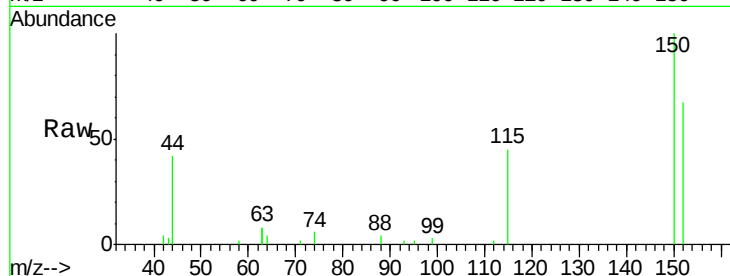
Tgt Ion:152 Resp: 6182

Ion Ratio Lower Upper

152 100

150 150.2 117.2 175.8

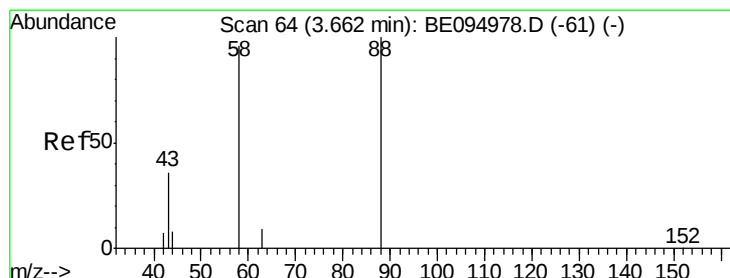
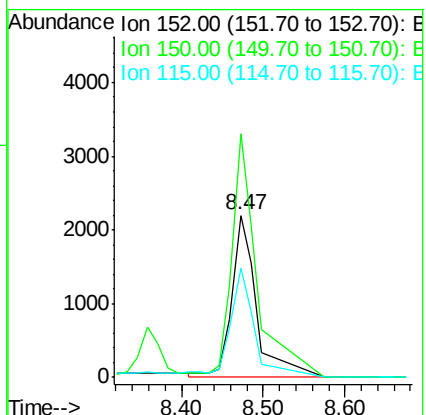
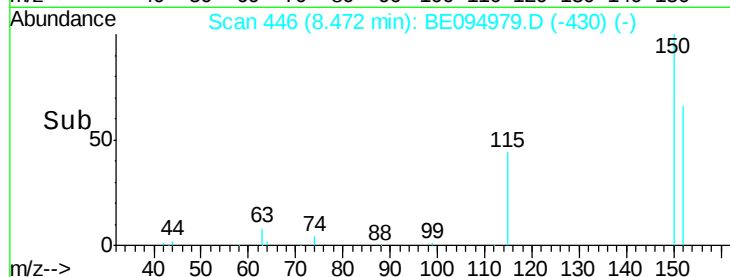
115 67.7 57.0 85.6



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: 0.737 ng

RT: 3.66 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

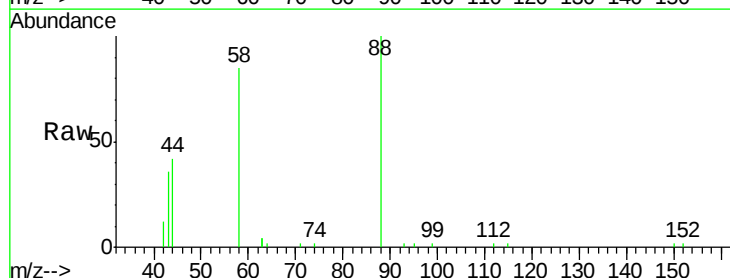
Tgt Ion: 88 Resp: 4765

Ion Ratio Lower Upper

88 100

58 79.4 63.2 94.8

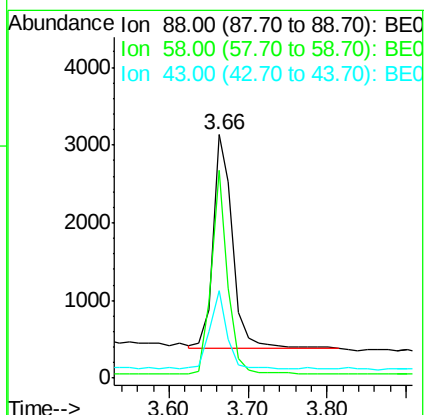
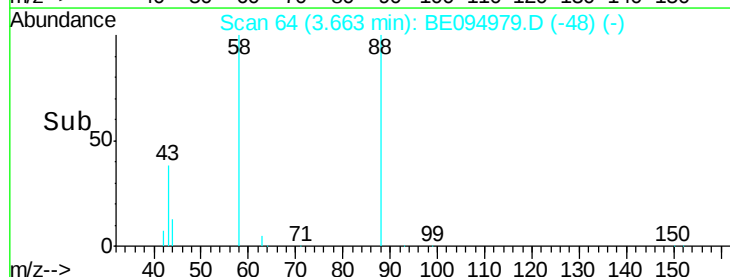
43 33.1 41.2 61.8#

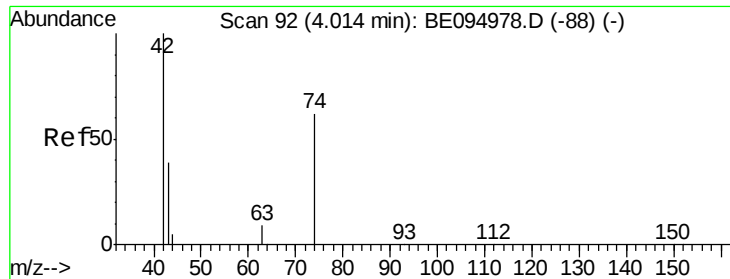


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.698 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

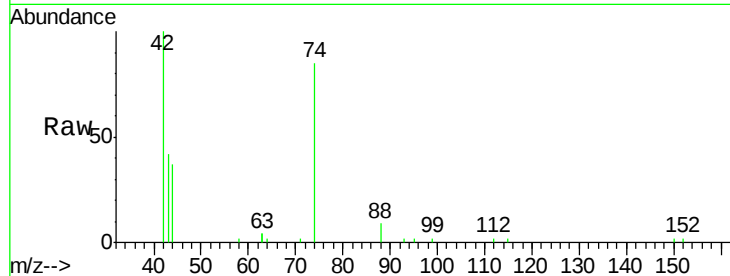
Tgt Ion: 42 Resp: 5752

Ion Ratio Lower Upper

42 100

74 111.1 96.0 144.0

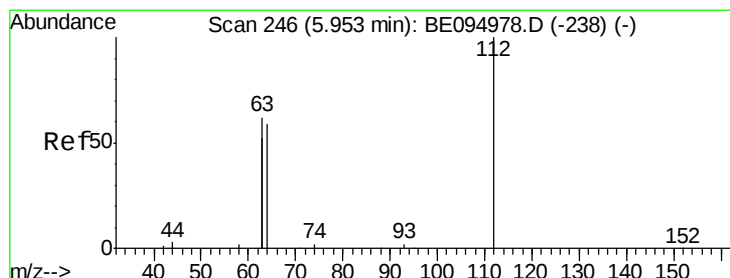
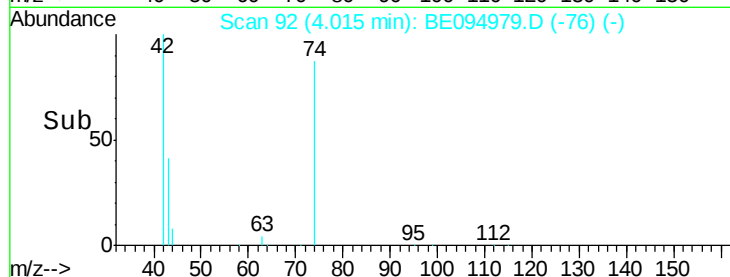
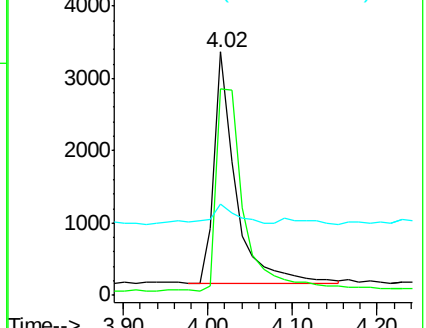
44 12.2 12.0 18.0



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: 0.744 ng

RT: 5.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

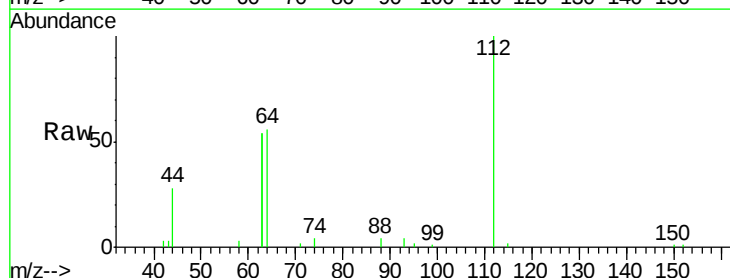
Tgt Ion: 112 Resp: 7275

Ion Ratio Lower Upper

112 100

64 74.9 60.1 90.1

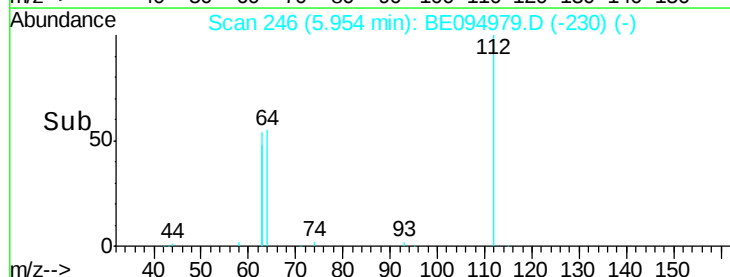
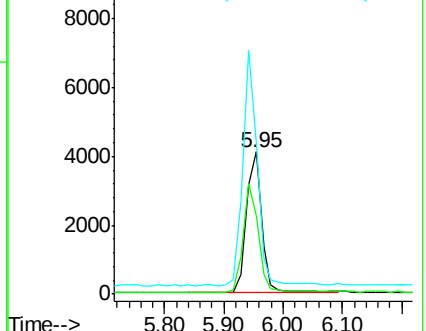
63 155.7 116.8 175.2

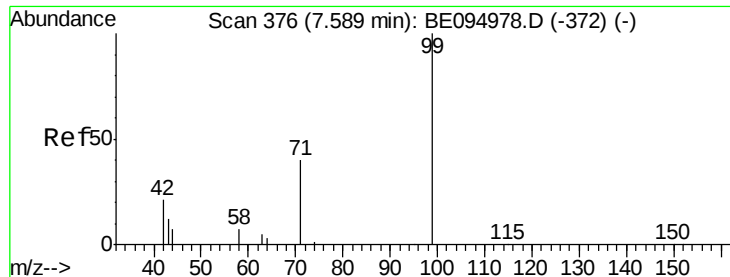


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.772 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

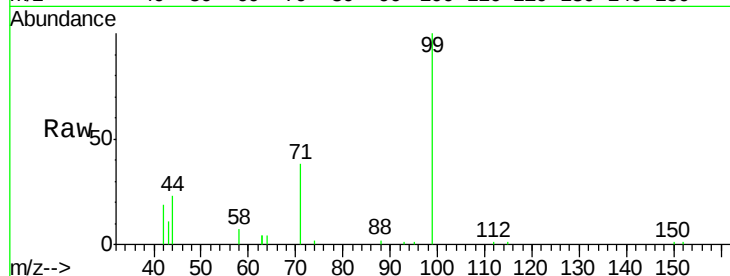
Tgt Ion: 99 Resp: 11188

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

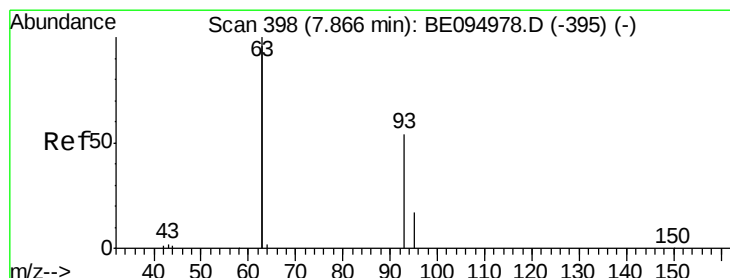
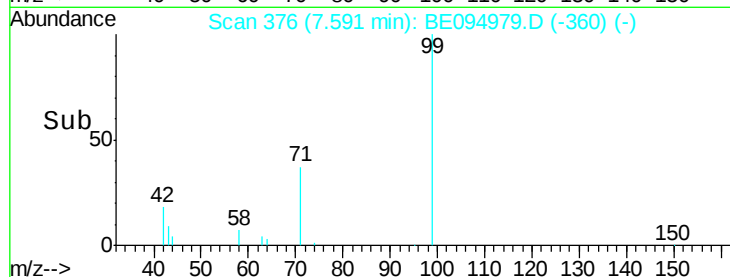
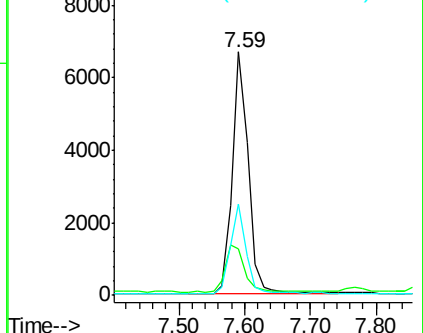
71 36.0 28.4 42.6



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: 0.760 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

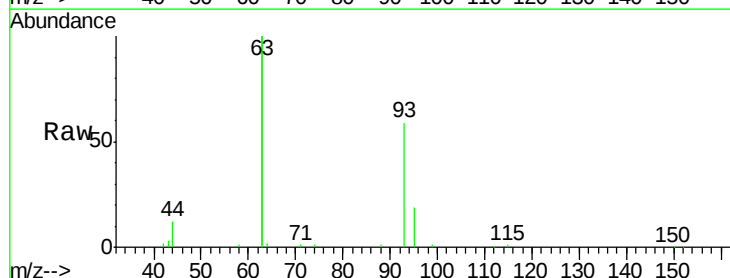
Tgt Ion: 93 Resp: 10920

Ion Ratio Lower Upper

93 100

63 337.9 275.3 412.9

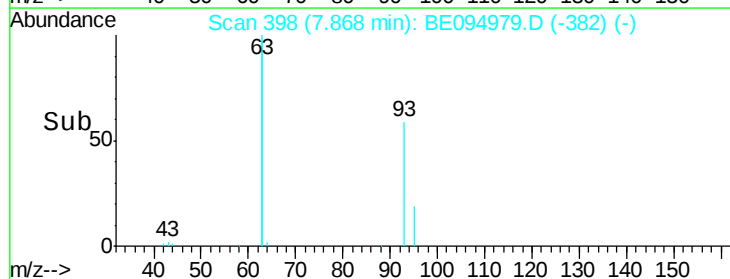
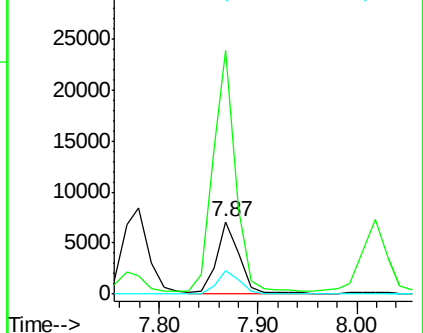
95 32.5 25.2 37.8

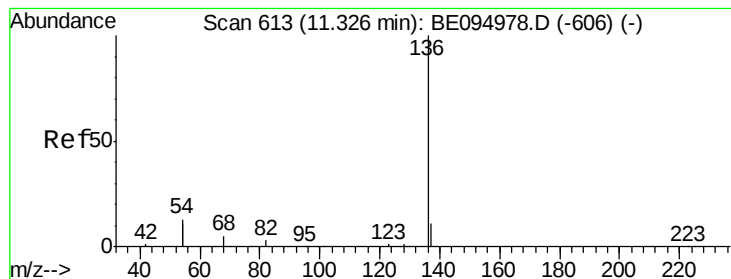


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 13947

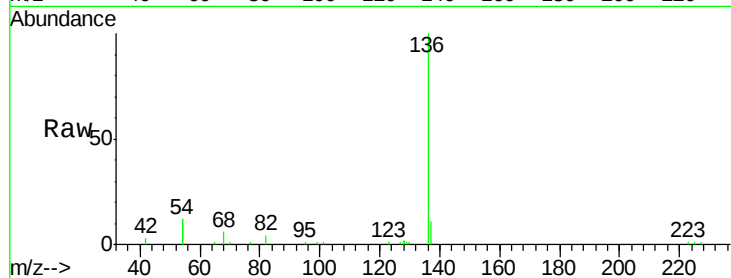
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 23.4 29.1 43.7#

68 5.6 6.2 9.2#

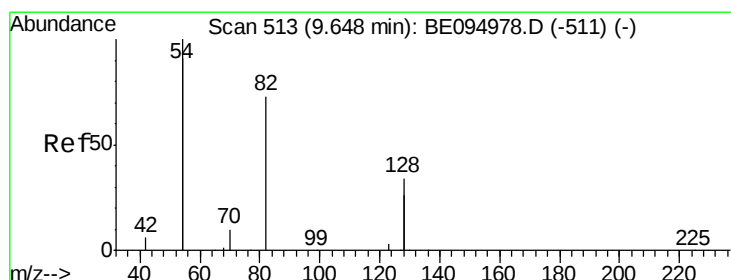
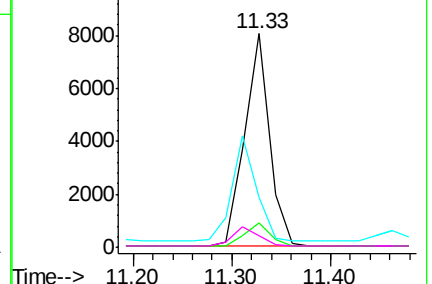
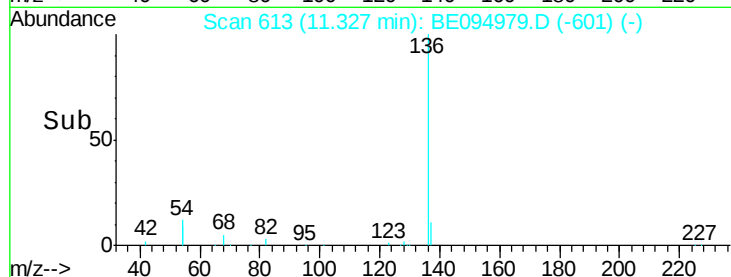


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.042 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

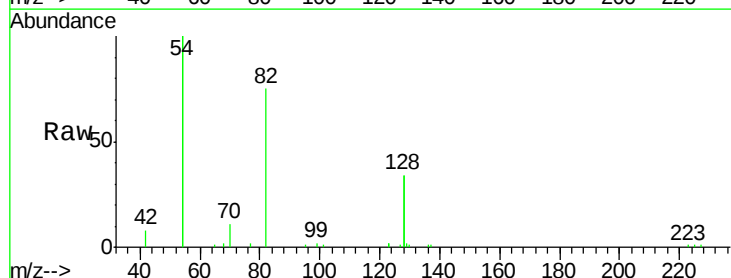
Tgt Ion: 82 Resp: 8606

Ion Ratio Lower Upper

82 100

128 91.7 150.0 225.0#

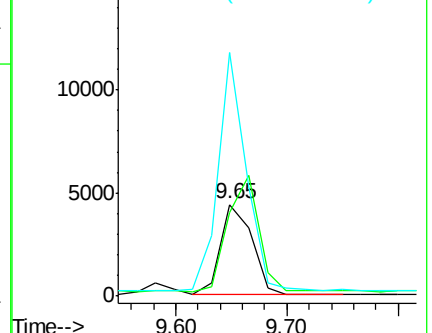
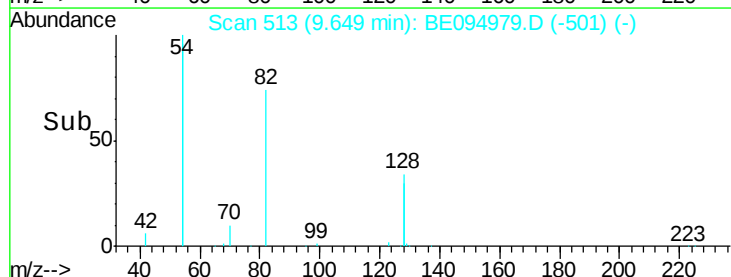
54 265.8 154.2 231.4#

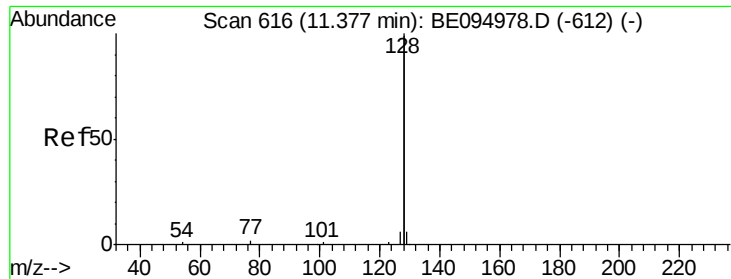


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.791 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

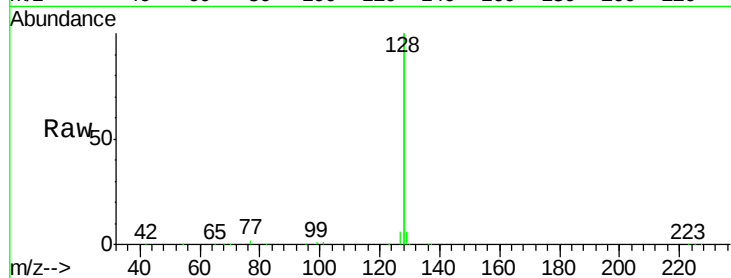
Tgt Ion:128 Resp: 129309

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

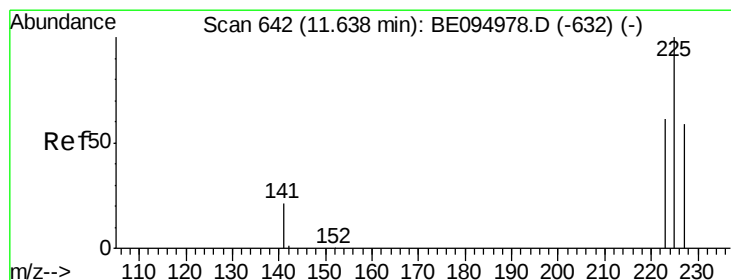
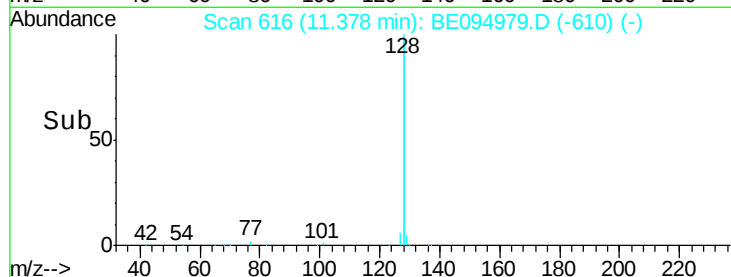
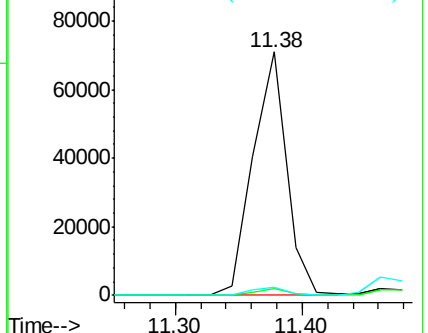
127 3.1 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.845 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

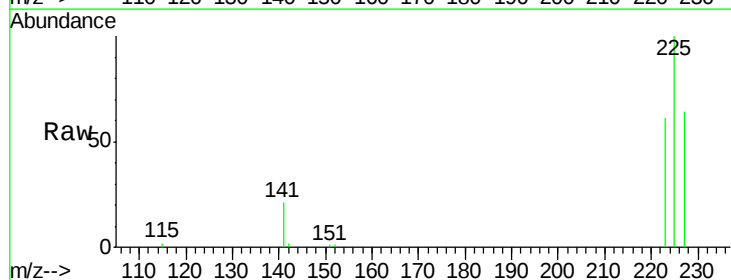
Tgt Ion:225 Resp: 5834

Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

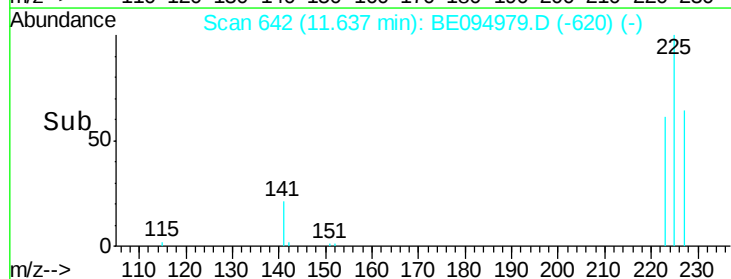
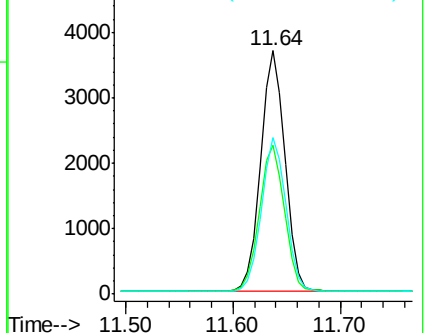
227 63.9 51.4 77.2

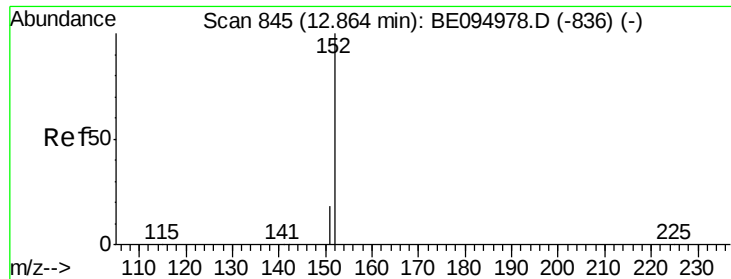


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.810 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

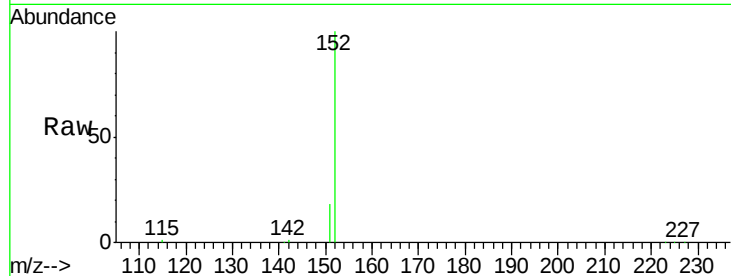
SSTDIC0.8

Tgt Ion:152 Resp: 18020

Ion Ratio Lower Upper

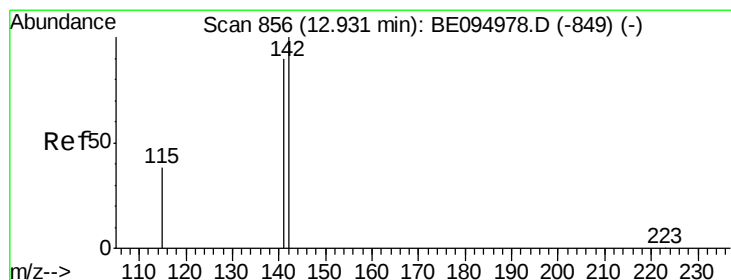
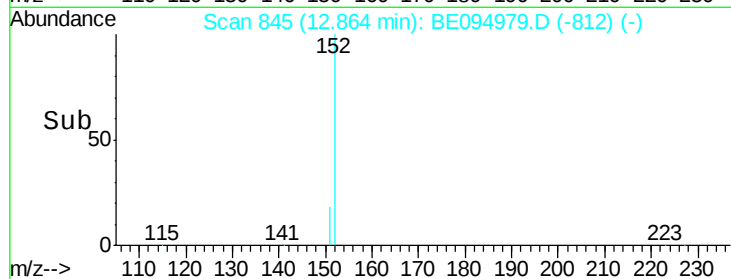
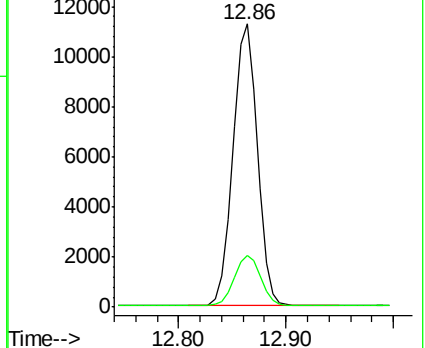
152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.778 ng

RT: 12.93 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

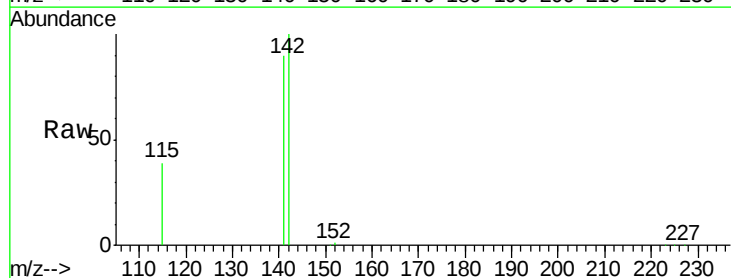
Tgt Ion:142 Resp: 31608

Ion Ratio Lower Upper

142 100

141 90.0 70.4 105.6

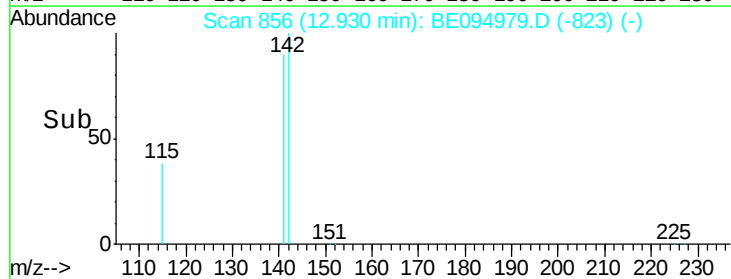
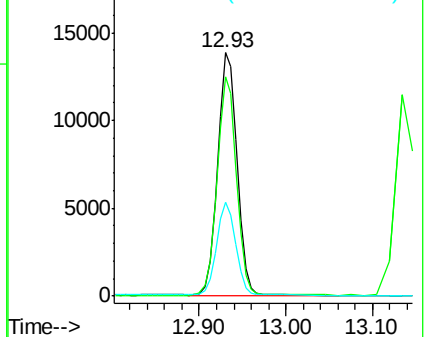
115 38.6 31.7 47.5

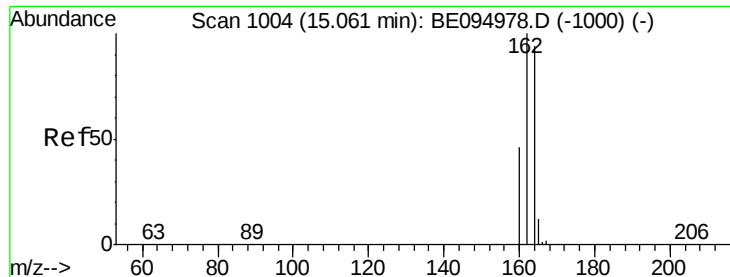


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

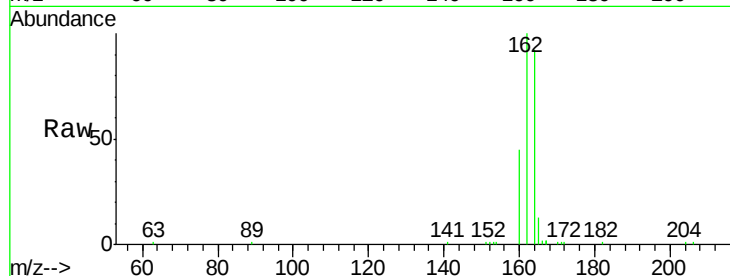
Tgt Ion:164 Resp: 8130

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

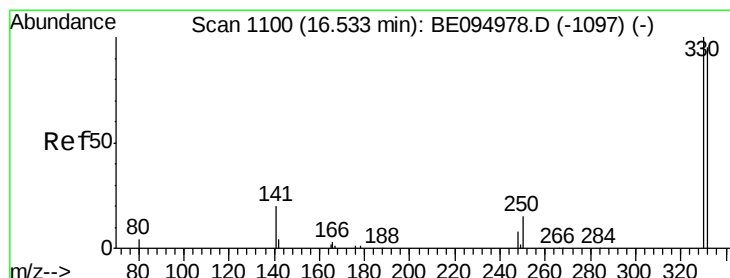
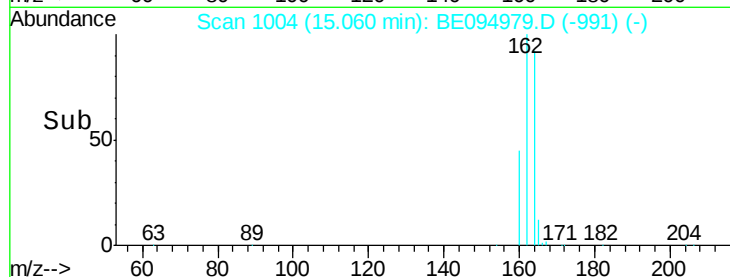
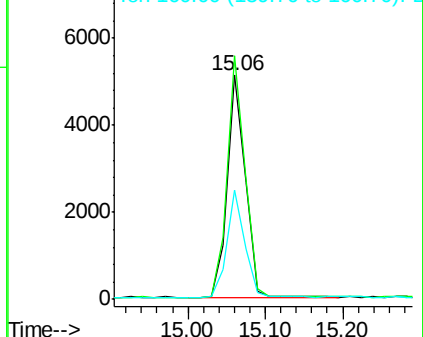
160 49.0 37.1 55.7



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: 0.855 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

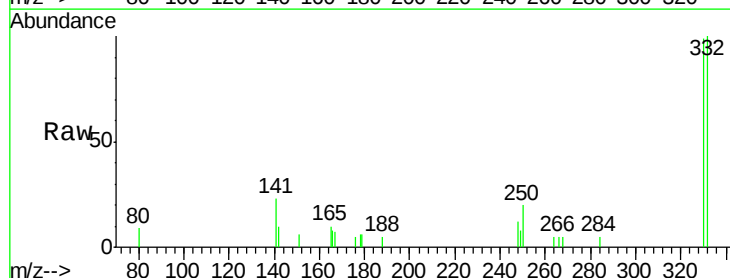
Tgt Ion:330 Resp: 1503

Ion Ratio Lower Upper

330 100

332 99.3 152.7 229.1#

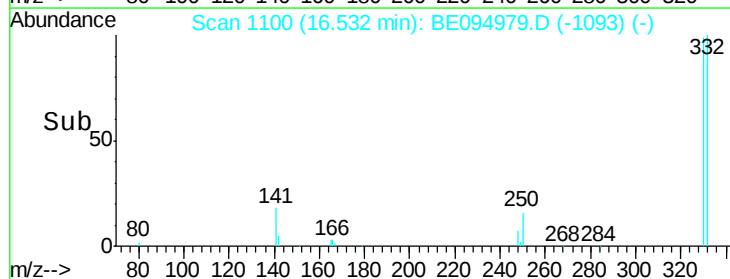
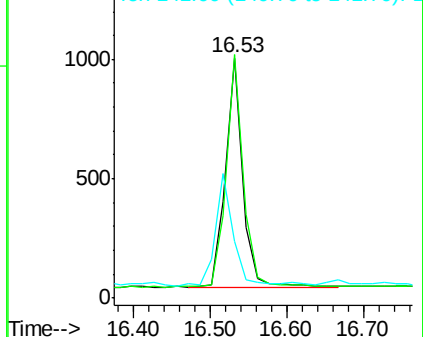
141 51.2 33.7 50.5#

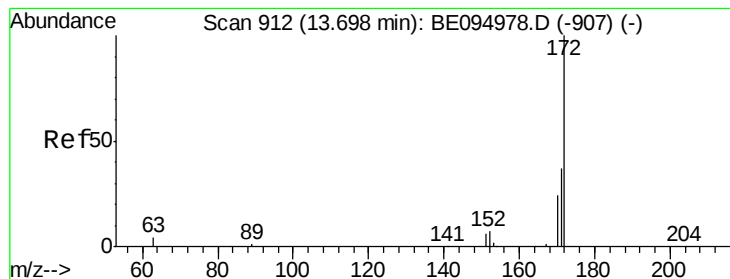


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.802 ng

RT: 13.70 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

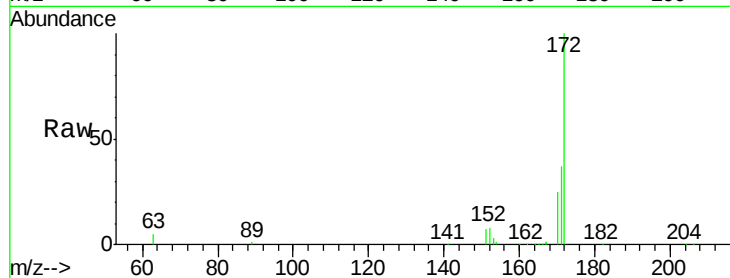
Tgt Ion:172 Resp: 27914

Ion Ratio Lower Upper

172 100

171 36.5 29.9 44.9

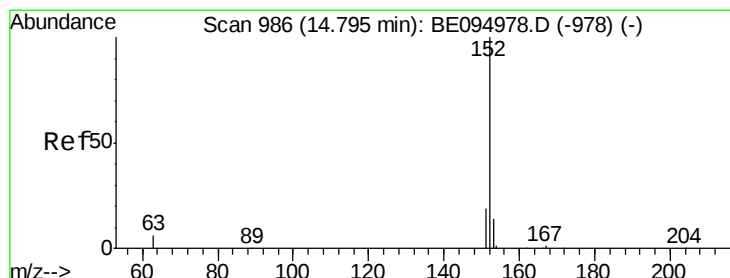
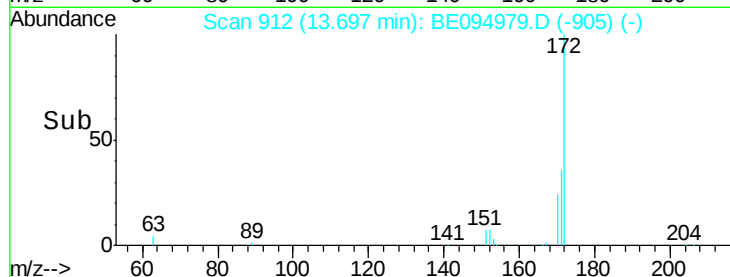
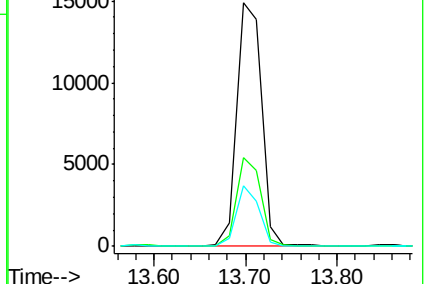
170 24.7 21.8 32.8



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: 0.742 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

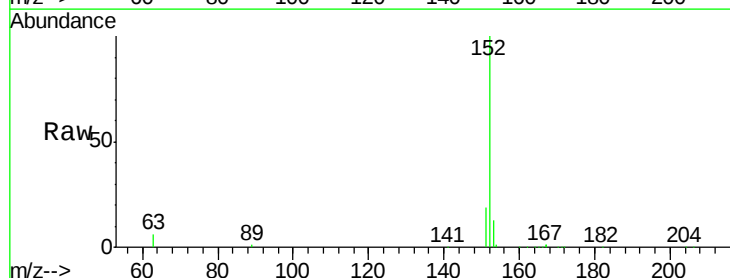
Tgt Ion:152 Resp: 34102

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

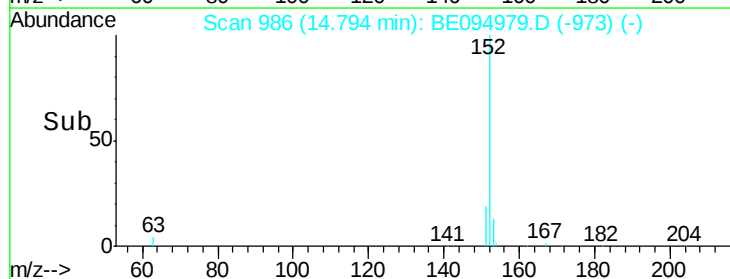
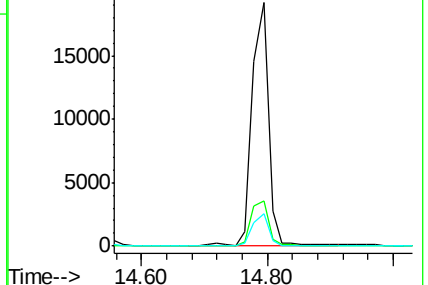
153 12.8 10.5 15.7

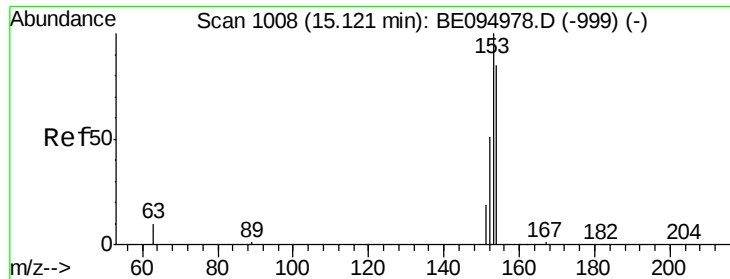


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.756 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

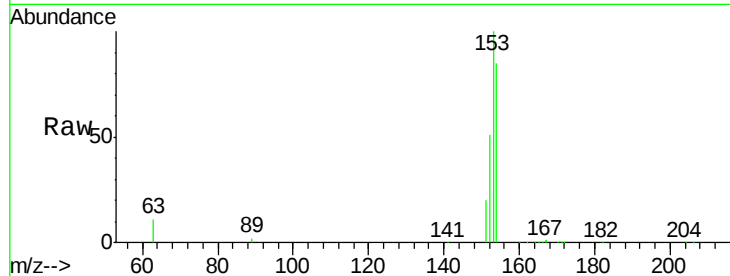
Tgt Ion:154 Resp: 22443

Ion Ratio Lower Upper

154 100

153 114.8 89.2 133.8

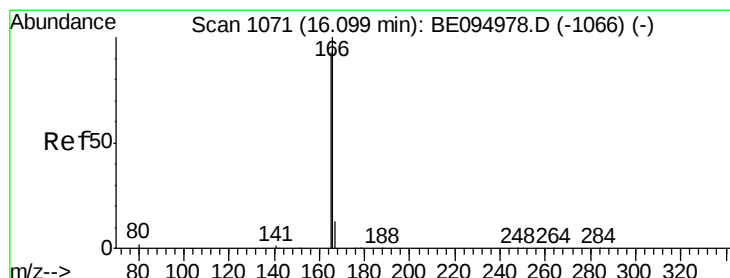
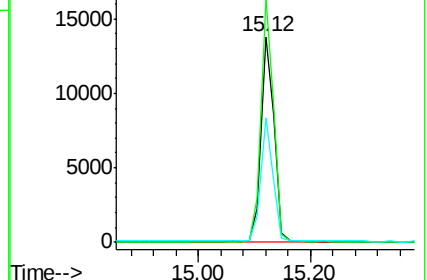
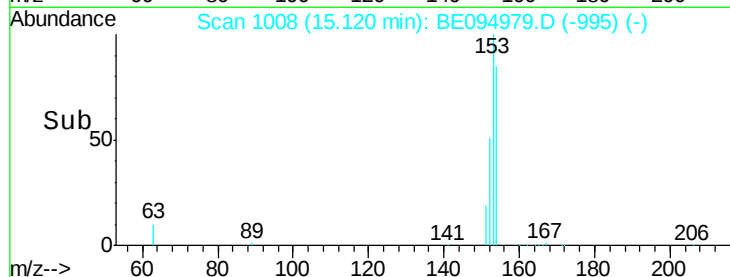
152 57.4 42.0 63.0



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: 0.761 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

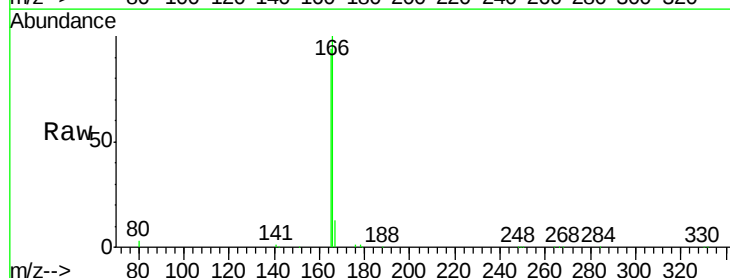
Tgt Ion:166 Resp: 28735

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.6

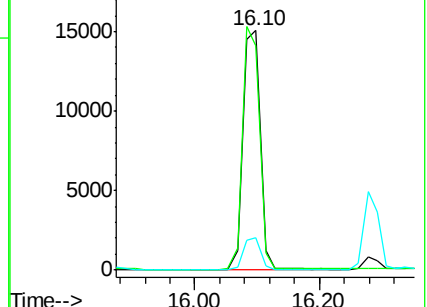
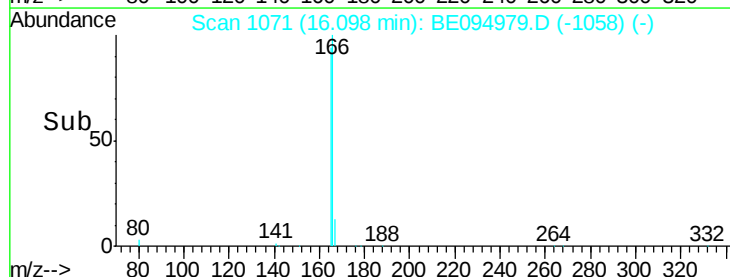
167 13.1 42.4 63.6#

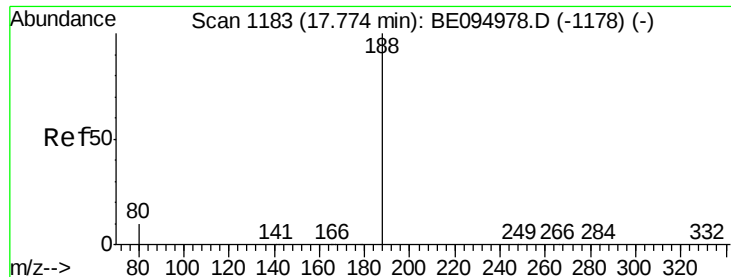


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

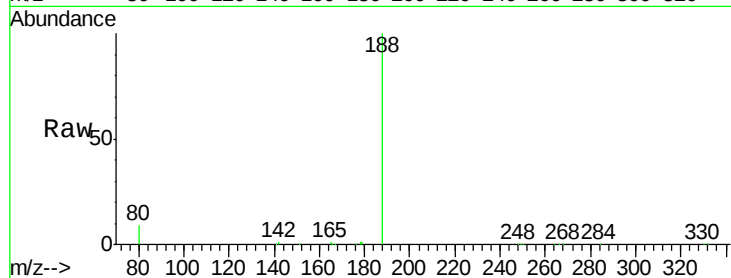
Tgt Ion:188 Resp: 19094

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

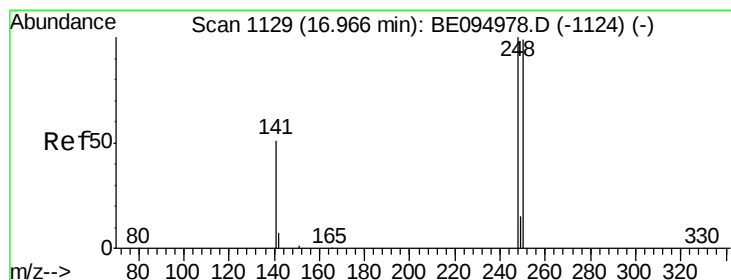
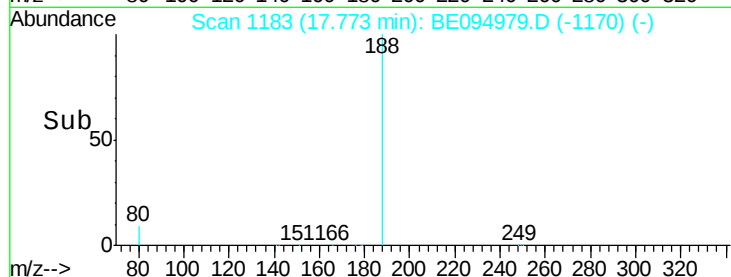
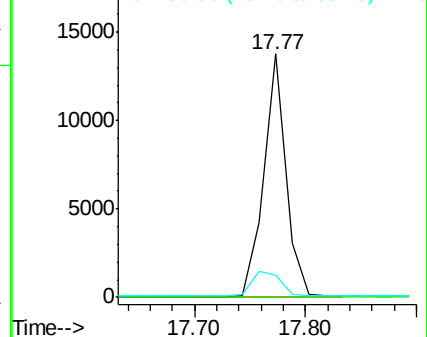
80 9.3 3.6 5.4#



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: 0.823 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

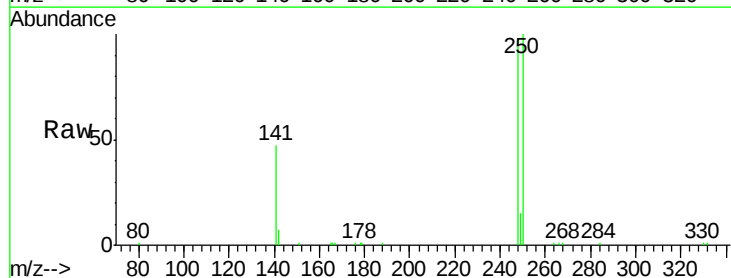
Tgt Ion:248 Resp: 8769

Ion Ratio Lower Upper

248 100

250 101.7 62.7 94.1#

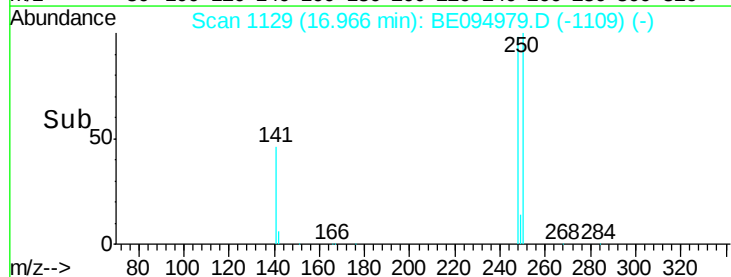
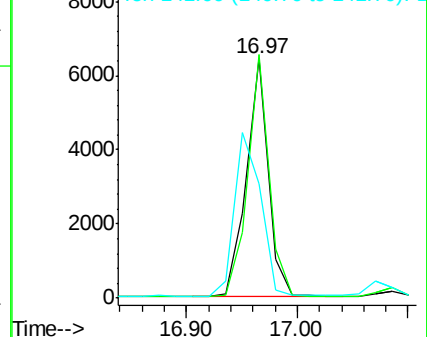
141 47.8 48.2 72.2#

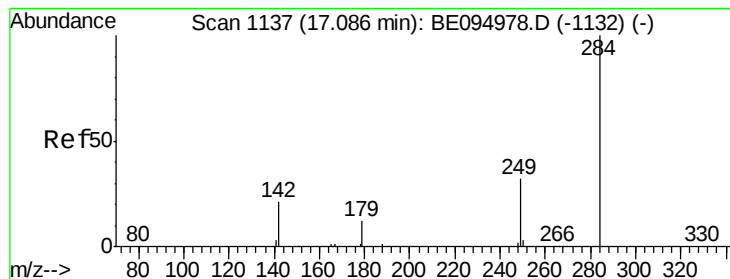


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.857 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

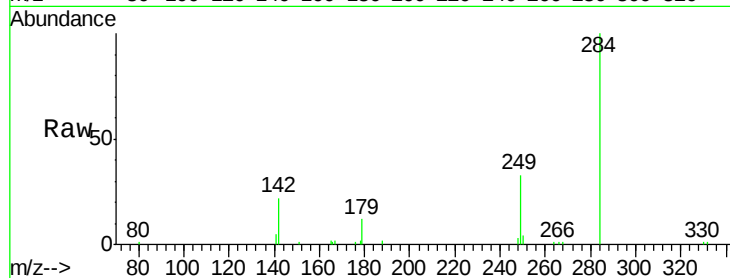
Tgt Ion:284 Resp: 8903

Ion Ratio Lower Upper

284 100

142 40.7 22.1 33.1#

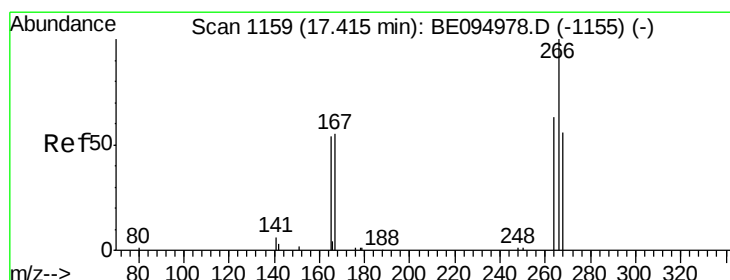
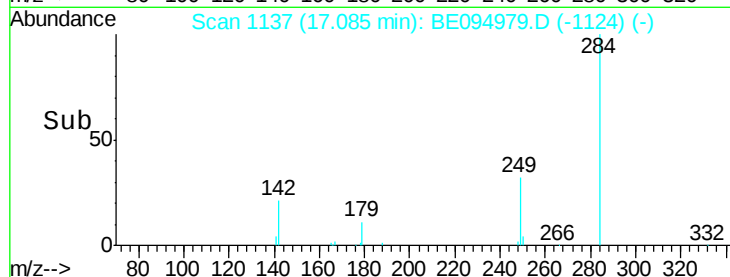
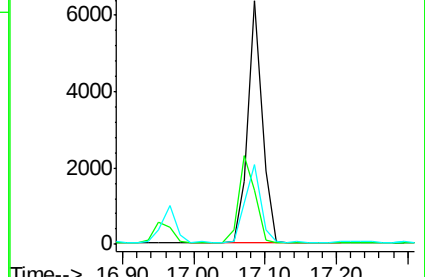
249 34.5 34.8 52.2#



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: 0.713 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

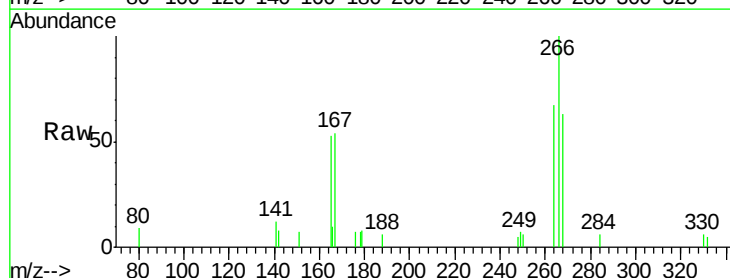
Tgt Ion:266 Resp: 1830

Ion Ratio Lower Upper

266 100

264 66.8 72.5 108.7#

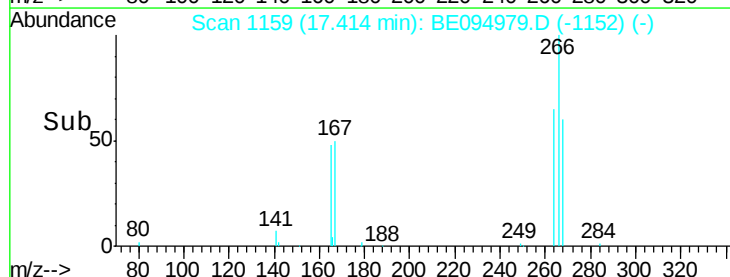
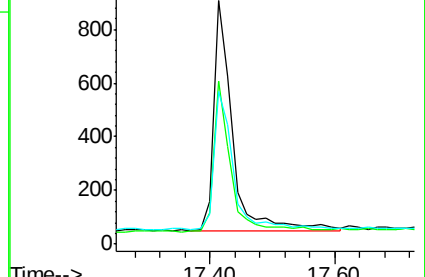
268 62.5 73.8 110.6#

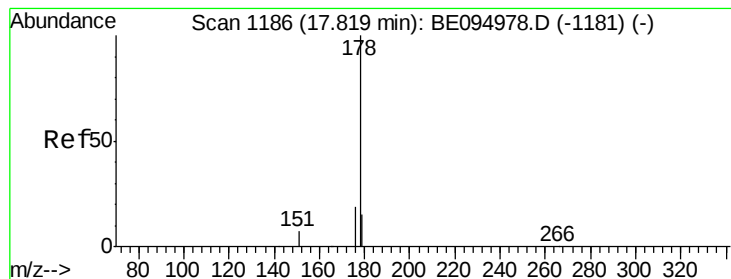


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.772 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

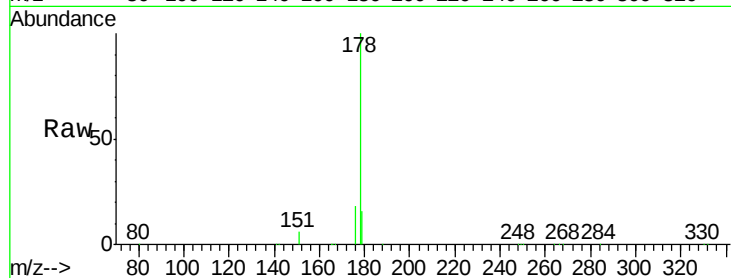
Tgt Ion:178 Resp: 46987

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

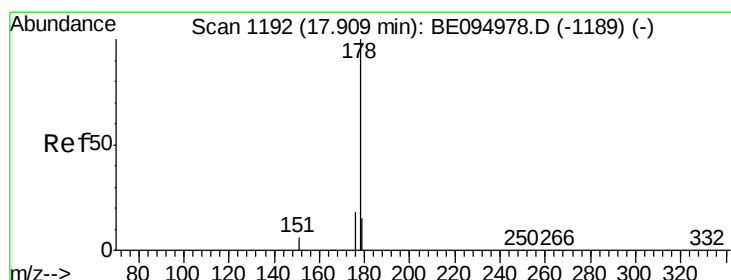
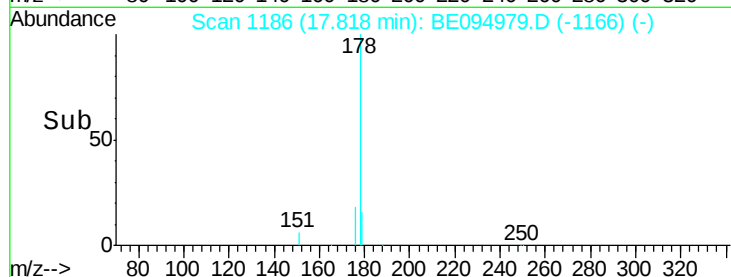
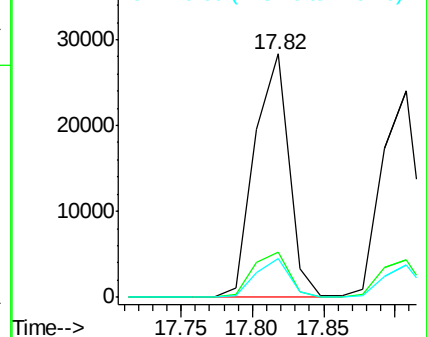
179 15.6 11.8 17.6



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: 0.732 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

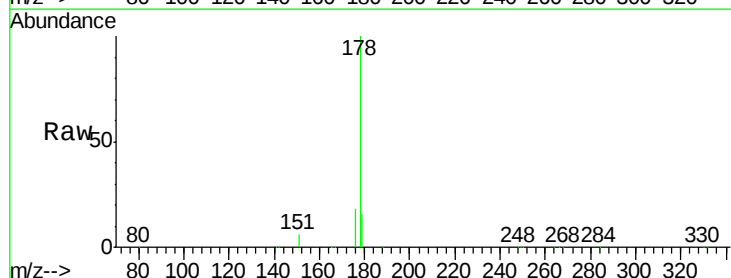
Tgt Ion:178 Resp: 47219

Ion Ratio Lower Upper

178 100

176 19.8 12.8 19.2#

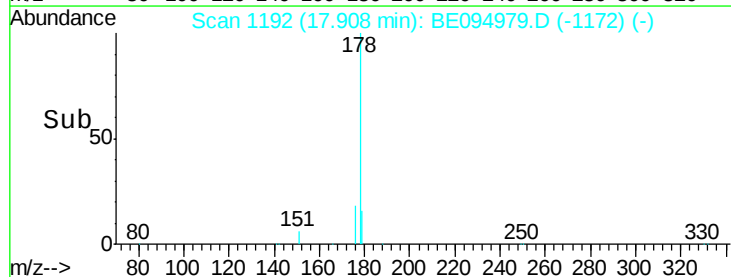
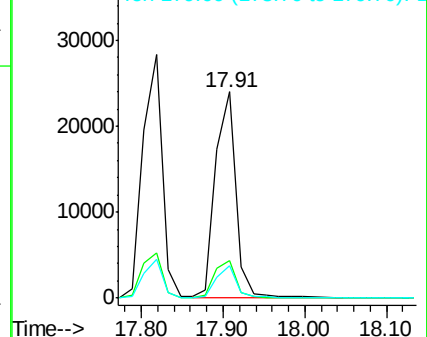
179 16.3 13.0 19.6

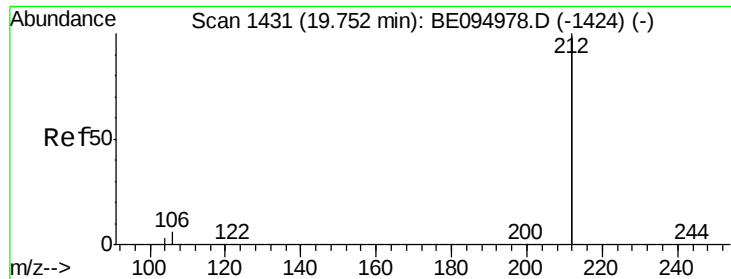


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.734 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

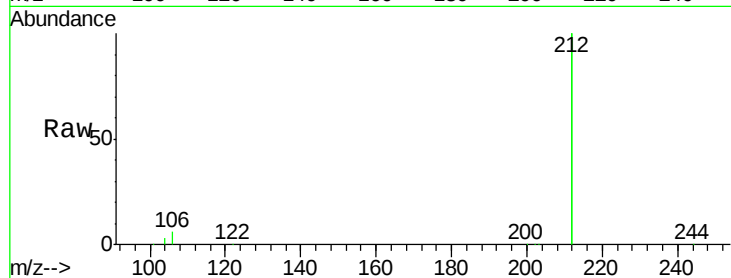
Tgt Ion:212 Resp: 191629

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

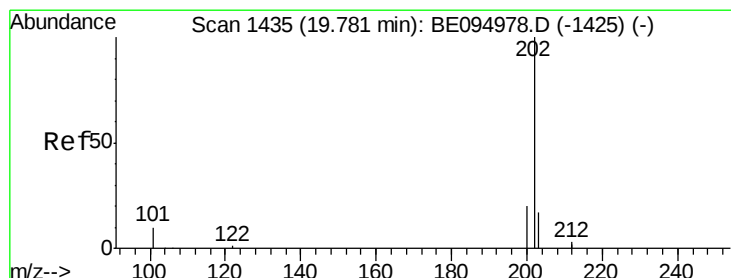
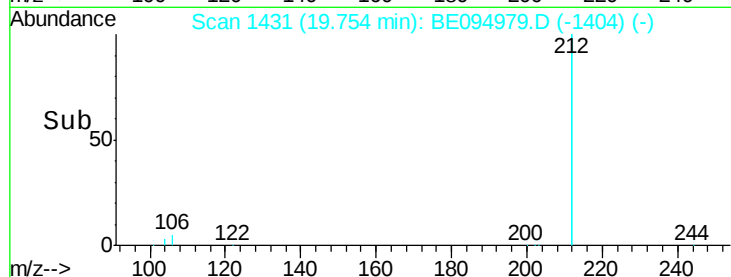
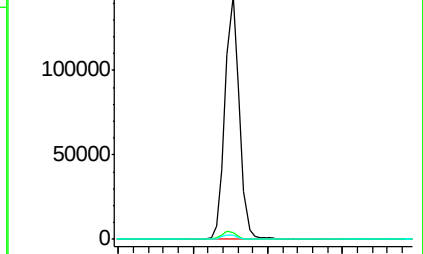
104 1.8 1.6 2.4



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: 0.742 ng

RT: 19.78 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

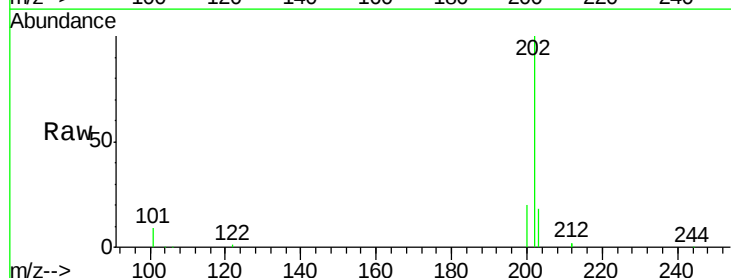
Tgt Ion:202 Resp: 58032

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

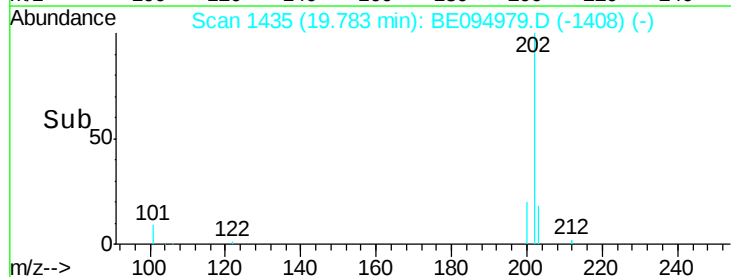
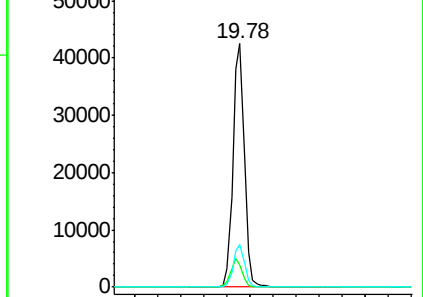
203 16.9 13.7 20.5

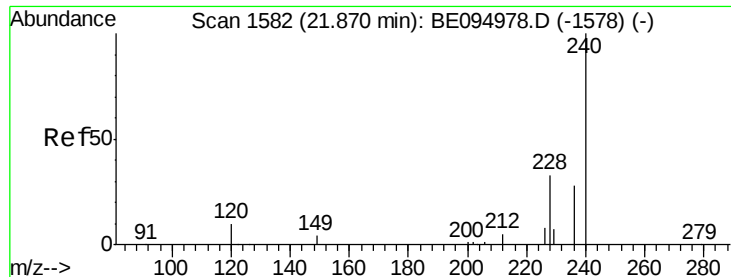


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

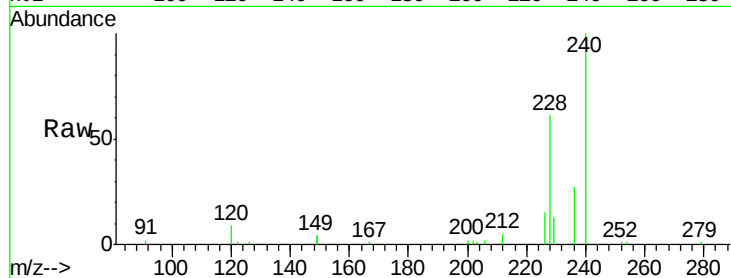
Tgt Ion:240 Resp: 21586

Ion Ratio Lower Upper

240 100

120 9.3 5.5 8.3#

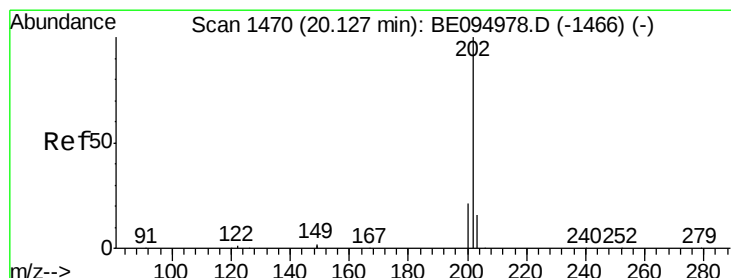
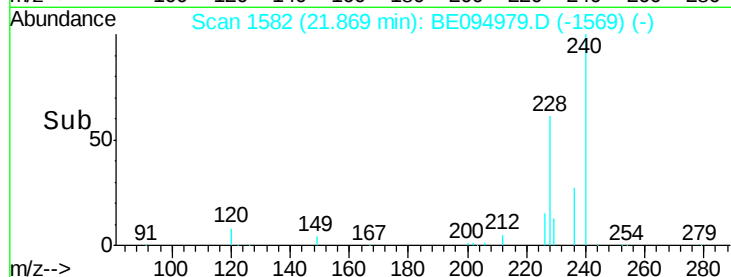
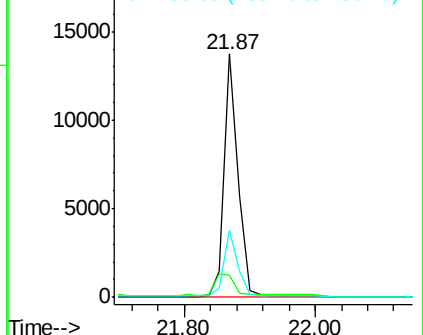
236 27.3 20.7 31.1



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: 0.767 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

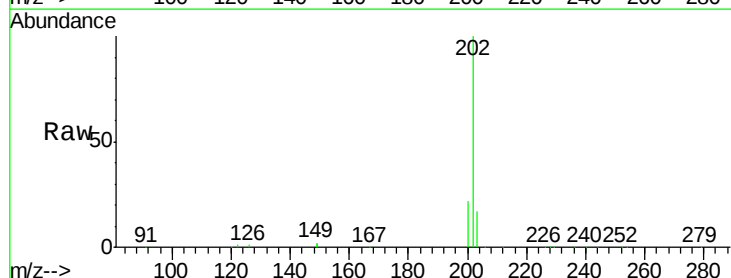
Tgt Ion:202 Resp: 57139

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

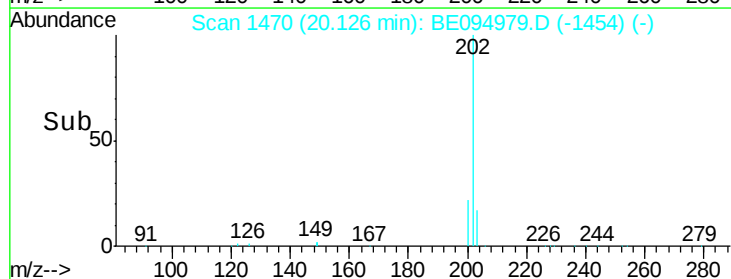
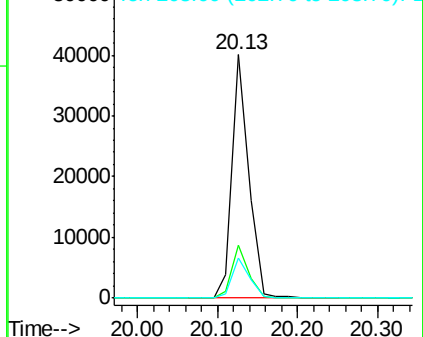
203 19.4 13.8 20.8

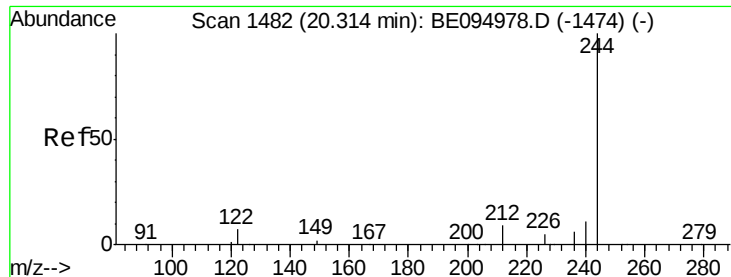


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.809 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

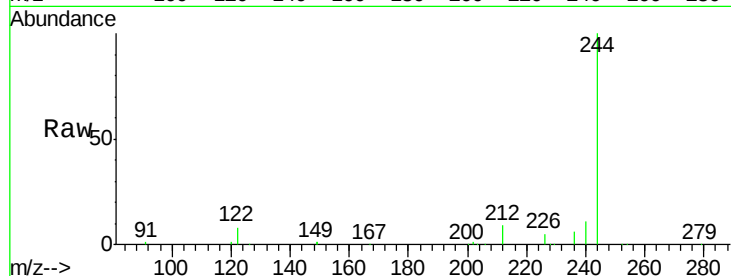
Tgt Ion:244 Resp: 32233

Ion Ratio Lower Upper

244 100

212 9.4 25.4 38.0#

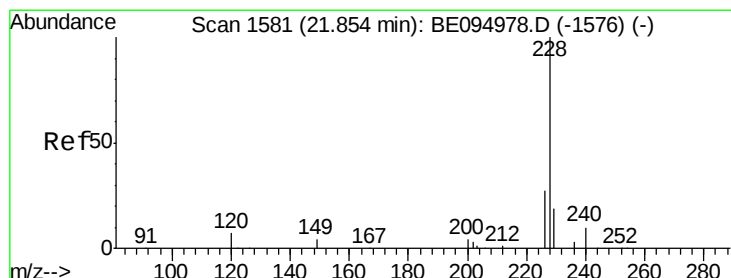
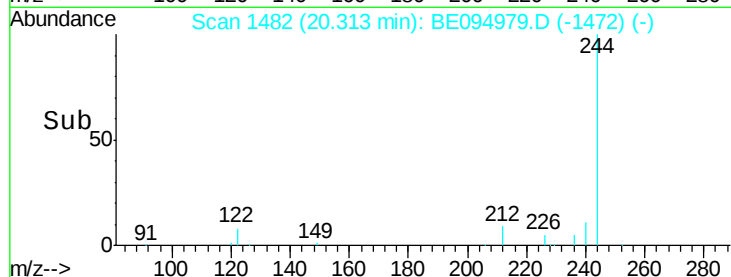
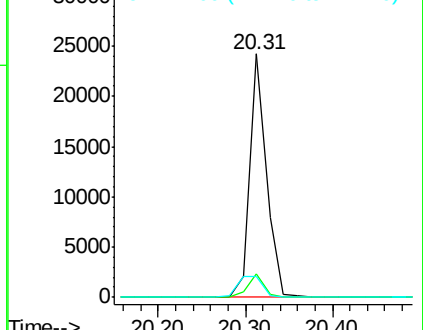
122 8.4 8.1 12.1



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: 0.740 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

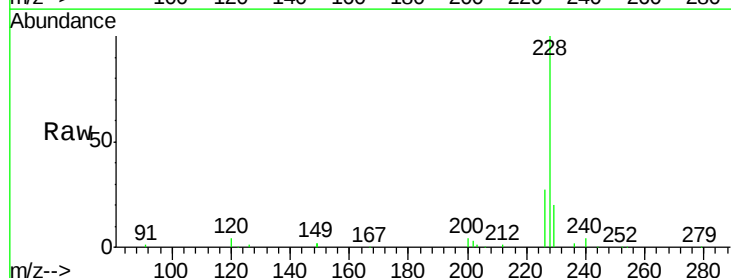
Tgt Ion:228 Resp: 48983

Ion Ratio Lower Upper

228 100

226 27.2 40.0 60.0#

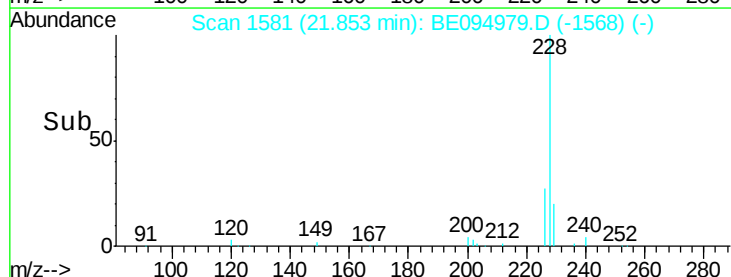
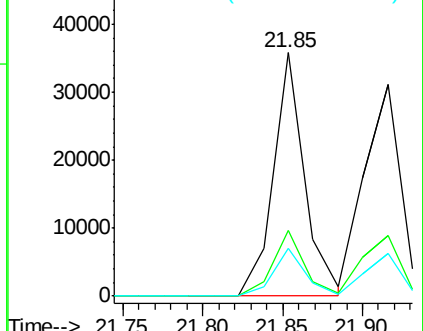
229 19.6 40.0 60.0#

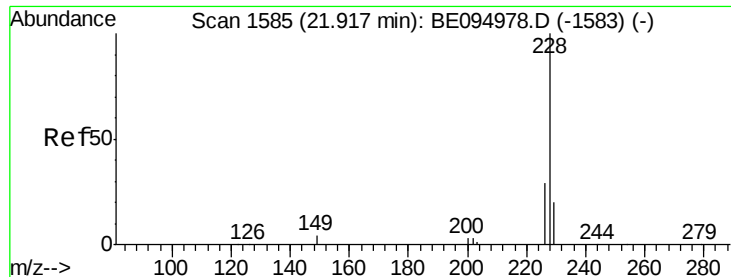


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.738 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

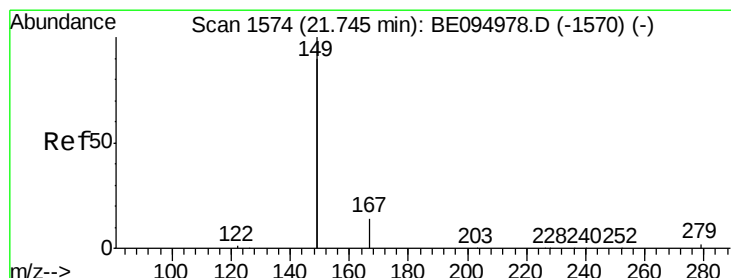
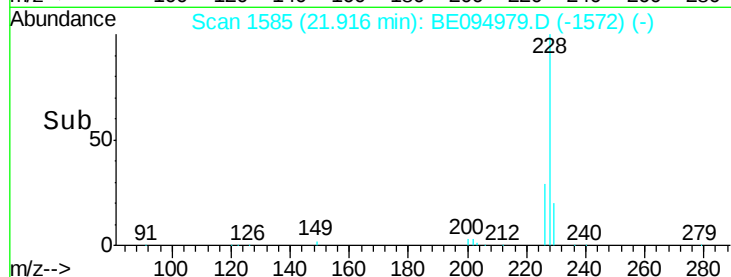
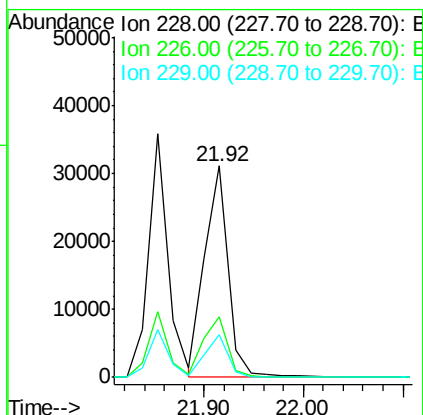
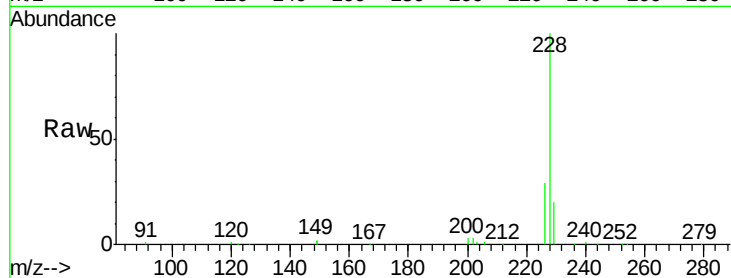
Tgt Ion:228 Resp: 54009

Ion Ratio Lower Upper

228 100

226 28.7 40.0 60.0#

229 20.2 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.501 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

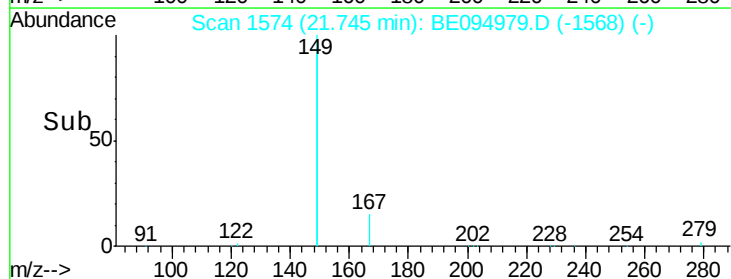
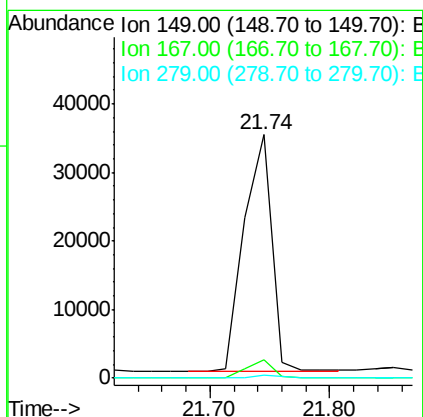
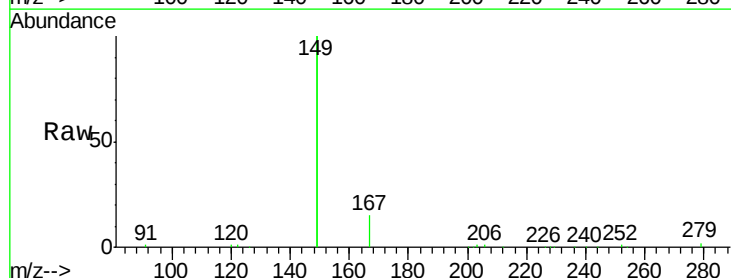
Tgt Ion:149 Resp: 54994

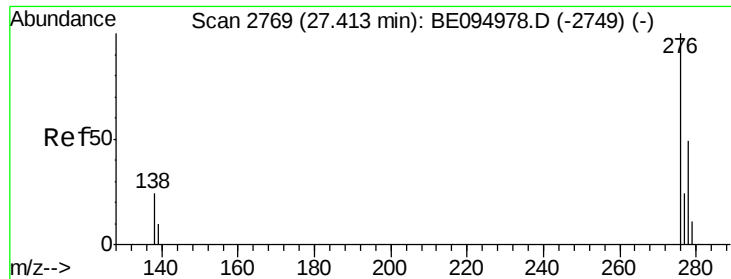
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.722 ng

RT: 27.41 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

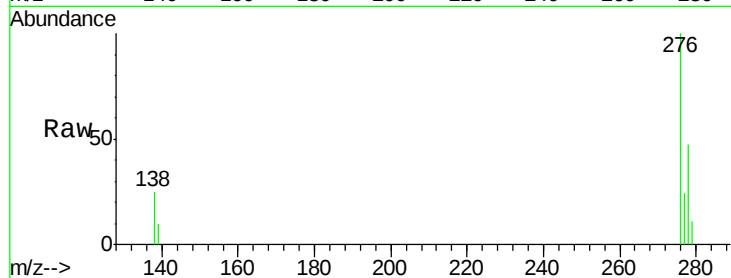
Tgt Ion:276 Resp: 43231

Ion Ratio Lower Upper

276 100

138 27.0 22.5 33.7

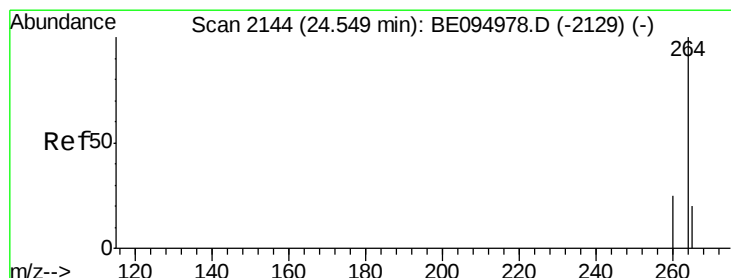
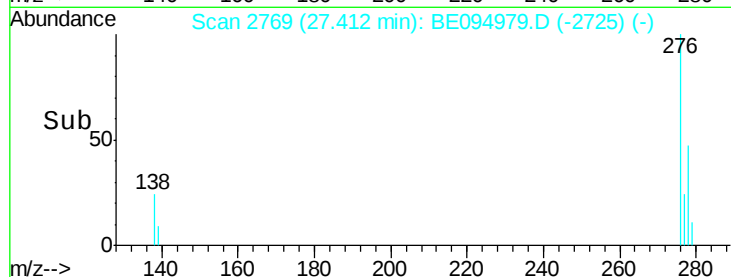
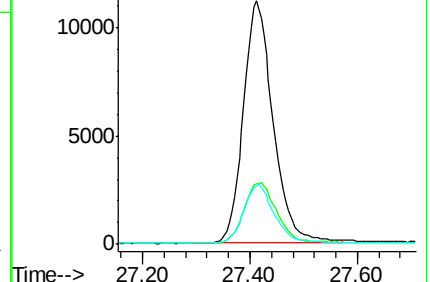
277 24.8 19.9 29.9



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# 2144

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

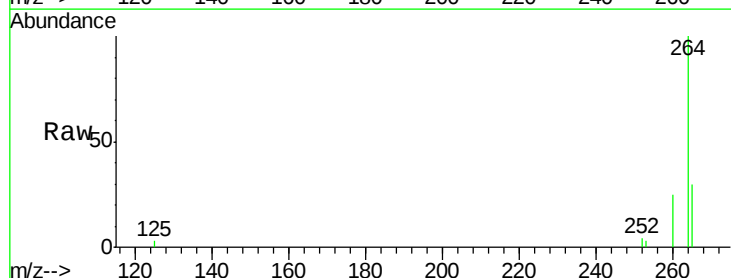
Tgt Ion:264 Resp: 15559

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

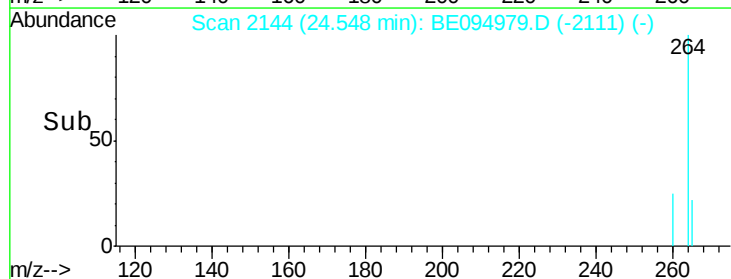
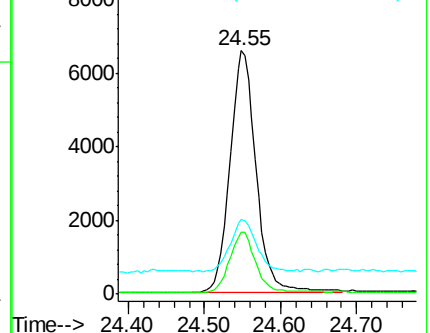
265 30.5 22.8 34.2

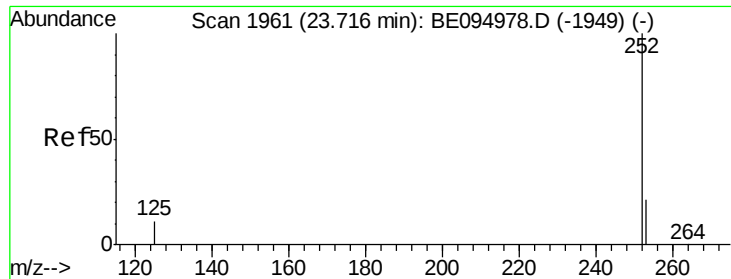


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.775 ng

RT: 23.72 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

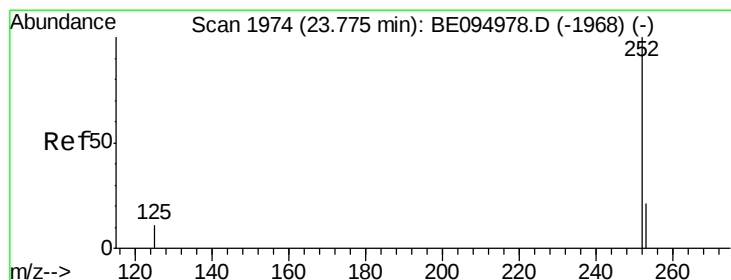
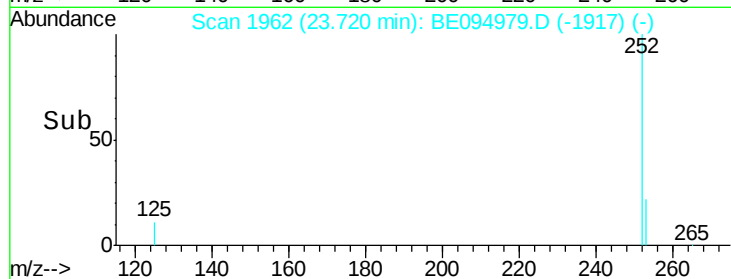
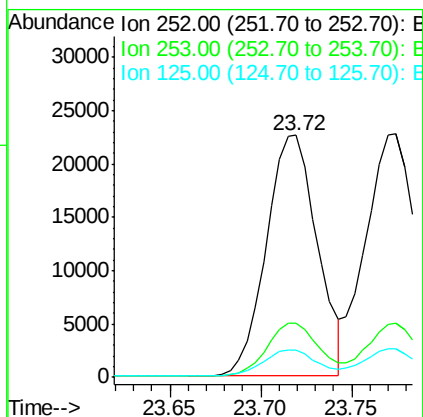
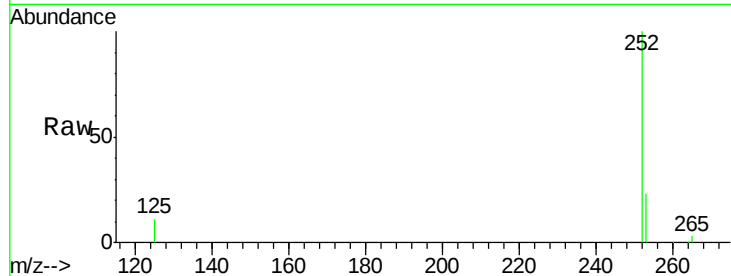
Tgt Ion:252 Resp: 44044

Ion Ratio Lower Upper

252 100

253 22.6 20.0 30.0

125 11.3 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.804 ng

RT: 23.77 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

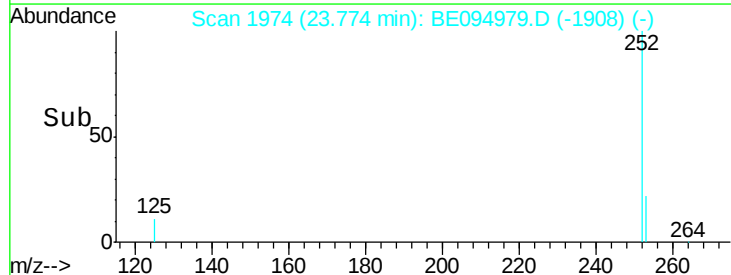
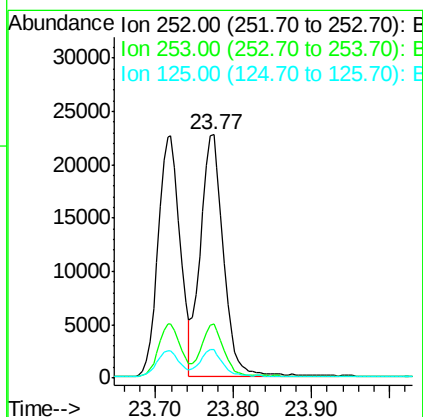
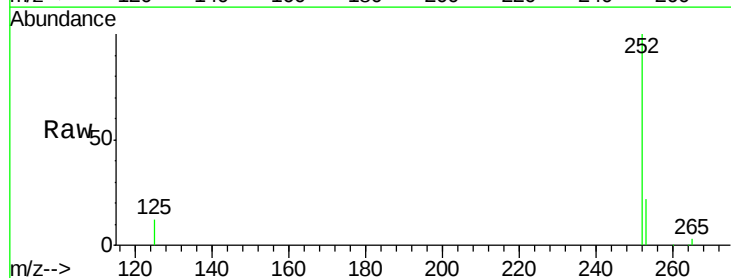
Tgt Ion:252 Resp: 46558

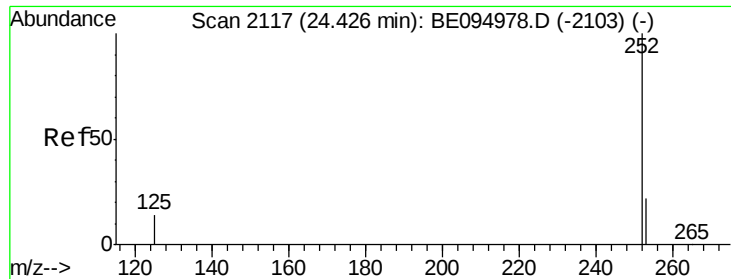
Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 11.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.779 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

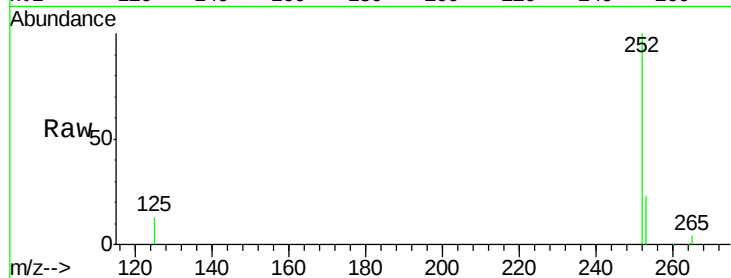
Tgt Ion:252 Resp: 38819

Ion Ratio Lower Upper

252 100

253 22.7 16.0 24.0

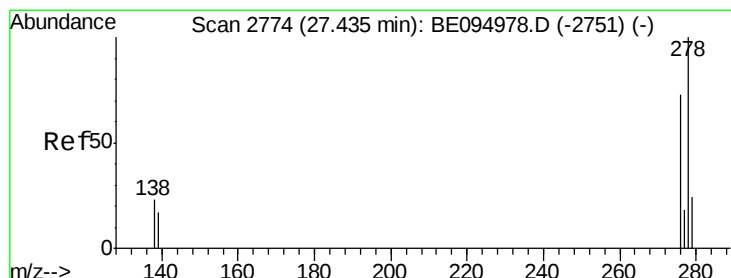
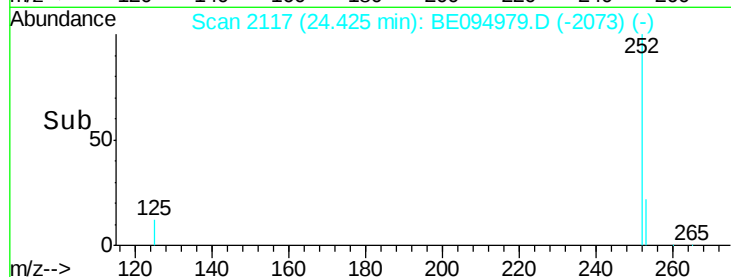
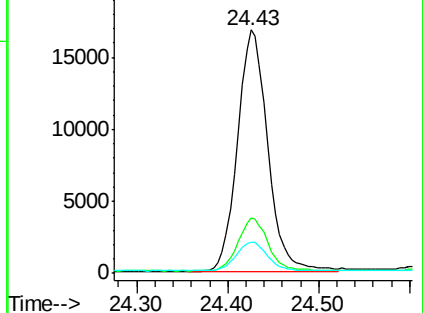
125 12.8 12.0 18.0



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: 0.802 ng

RT: 27.44 min Scan# 2775

Delta R.T. 0.00 min

Lab File: BE094979.D

Acq: 14 Dec 2017 16:41

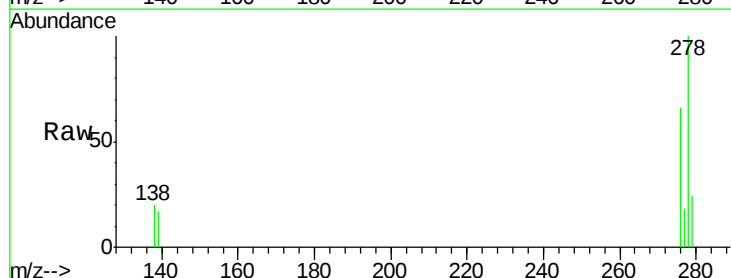
Tgt Ion:278 Resp: 36897

Ion Ratio Lower Upper

278 100

139 17.2 16.0 24.0

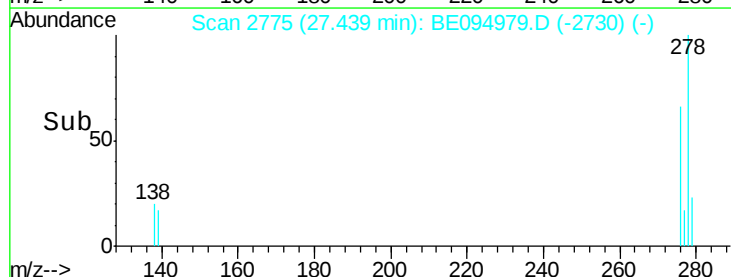
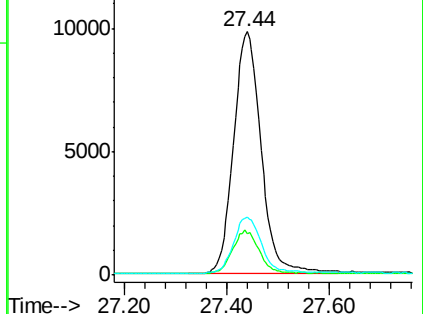
279 23.7 20.0 30.0

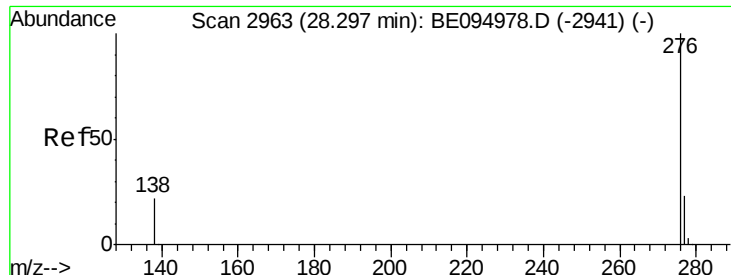


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.802 ng

RT: 28.30 min Scan# 2964

Delta R.T. 0.00 min

Lab File: BE094979.D

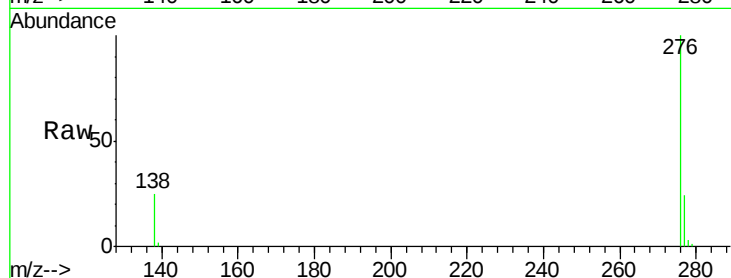
Acq: 14 Dec 2017 16:41

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 36828

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 24.6 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

