

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098037.D
 Acq On : 24 Oct 2018 13:16
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 24 13:48:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 11:55:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1151	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5511	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3664	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9097	0.40	ng	0.00
27) Chrysene-d12	21.48	240	10463	0.40	ng	0.00
34) Perylene-d12	24.03	264	10375	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	11130	3.07	ng	0.00
5) Phenol-d6	7.05	99	18110	3.38	ng	0.00
8) Nitrobenzene-d5	9.03	82	19588	3.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	31239	3.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	5964	3.03	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	46298	3.09	ng	0.00
25) Fluoranthene-d10	19.32	212	369674	3.00	ng	0.00
29) Terphenyl-d14	19.92	244	77380	3.23	ng	0.00

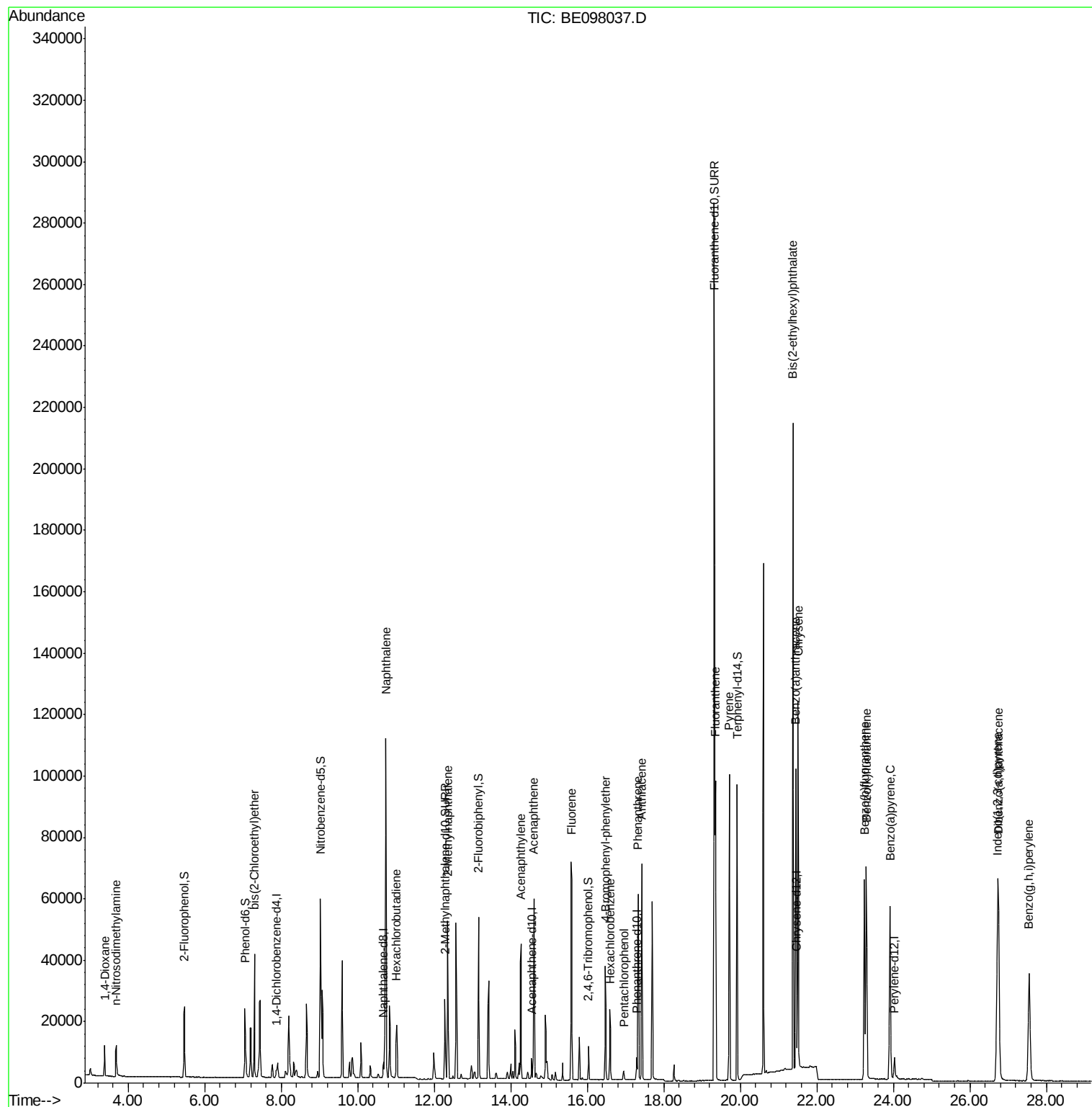
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	5536	2.759	ng	99
3) n-Nitrosodimethylamine	3.68	42	8347	3.725	ng	# 82
6) bis(2-Chloroethyl)ether	7.30	93	12892	2.829	ng	90
9) Naphthalene	10.73	128	176933	3.225	ng	99
10) Hexachlorobutadiene	11.02	225	11842	4.005	ng	97
12) 2-Methylnaphthalene	12.35	142	31479	3.348	ng	95
16) Acenaphthylene	14.27	152	56322	3.327	ng	99
17) Acenaphthene	14.60	154	33148	3.204	ng	100
18) Fluorene	15.59	166	44875	3.153	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	17628	3.546	ng	# 87
21) Hexachlorobenzene	16.60	284	18554	3.796	ng	98
22) Pentachlorophenol	16.95	266	1846	1.306	ng	98
23) Phenanthrene	17.33	178	70059	3.031	ng	99
24) Anthracene	17.42	178	70136	3.212	ng	99
26) Fluoranthene	19.35	202	89117	2.938	ng	# 96
28) Pyrene	19.71	202	92782	3.074	ng	99
30) Benzo(a)anthracene	21.45	228	100366	3.127	ng	98
31) Chrysene	21.51	228	97399	3.204	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	227830	3.040	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	107299	3.285	ng	# 94
35) Benzo(b)fluoranthene	23.24	252	92127	3.086	ng	# 85
36) Benzo(k)fluoranthene	23.30	252	98077	3.152	ng	# 86
37) Benzo(a)pyrene	23.91	252	91157	3.132	ng	# 85
38) Dibenzo(a,h)anthracene	26.75	278	90398	3.172	ng	# 87
39) Benzo(g,h,i)perylene	27.55	276	88817	3.042	ng	# 87

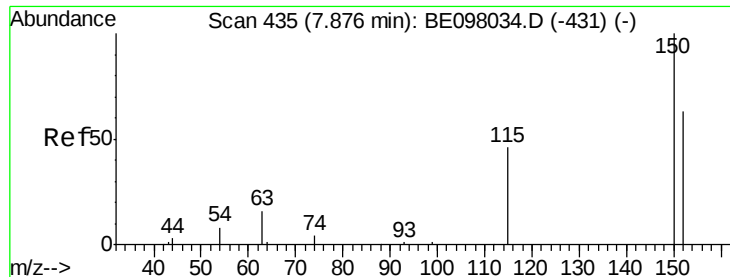
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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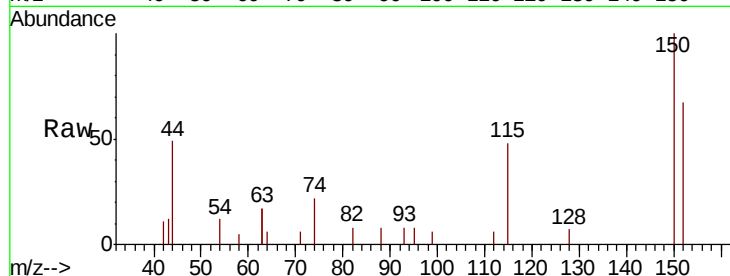


#1

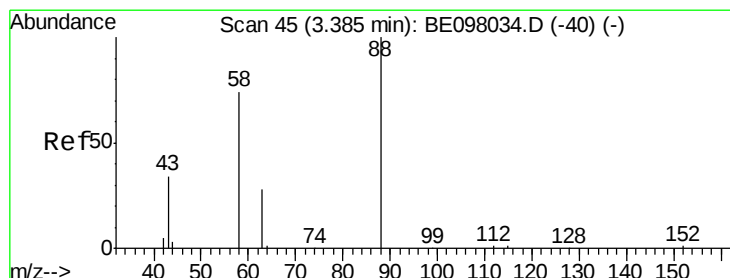
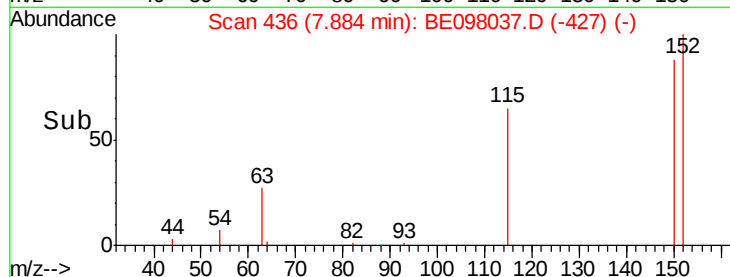
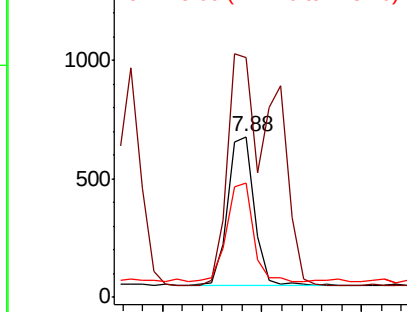
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE098037.D
Acq: 24 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1151
Ion Ratio Lower Upper
152 100
150 149.1 118.2 177.4
115 70.9 50.9 76.3



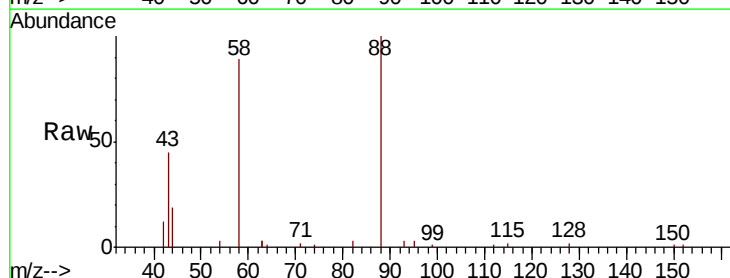
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



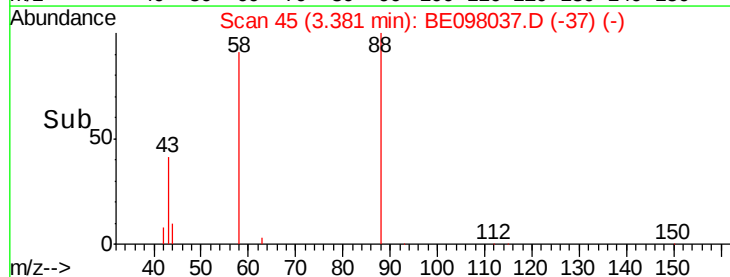
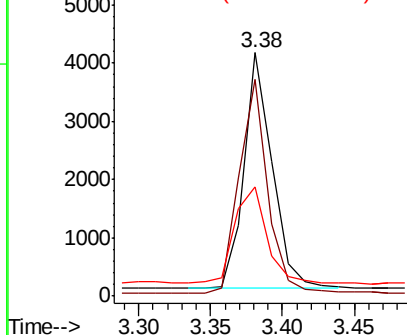
#2

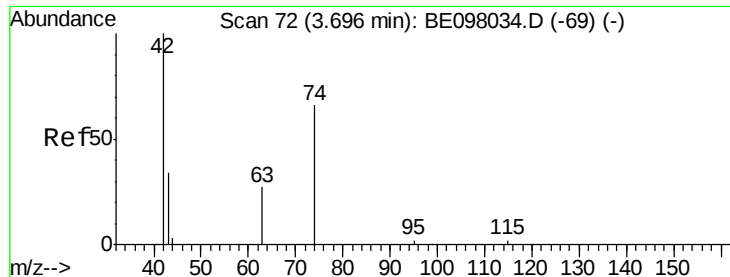
1,4-Dioxane
Concen: 2.759 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098037.D
Acq: 24 Oct 2018 13:16

Tgt Ion: 88 Resp: 5536
Ion Ratio Lower Upper
88 100
58 90.4 73.2 109.8
43 45.9 36.9 55.3



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



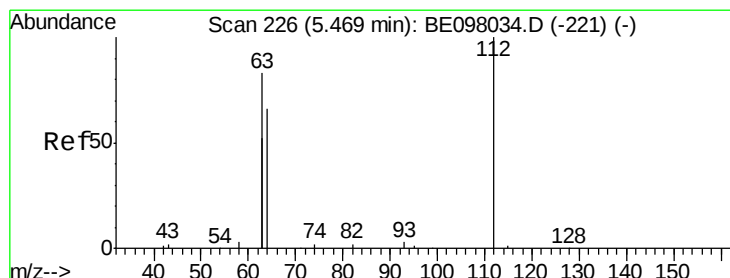
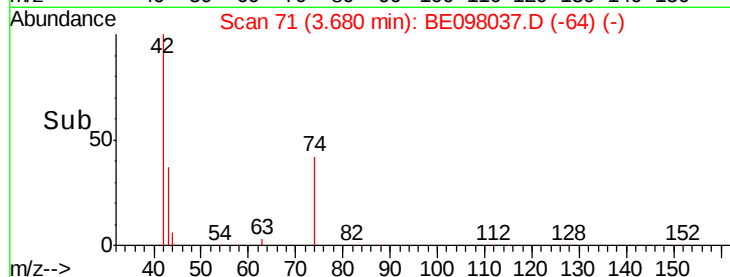
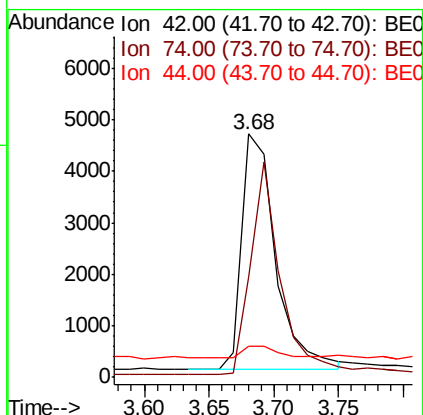
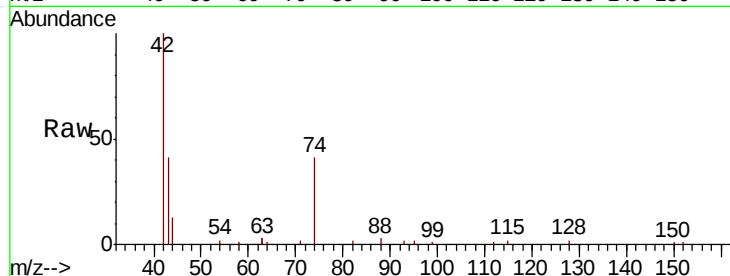


#3

n-Nitrosodimethylamine
 Concen: 3.725 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BE098037.D
 Acq: 24 Oct 2018 13:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

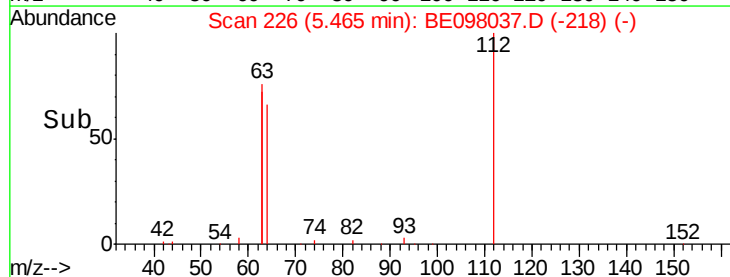
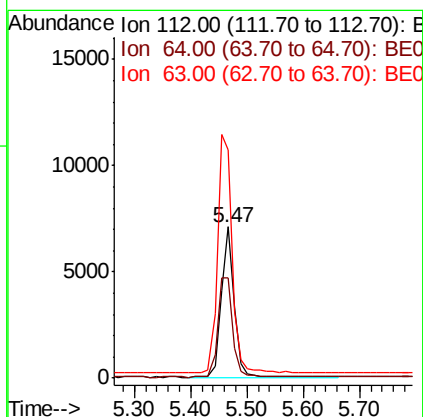
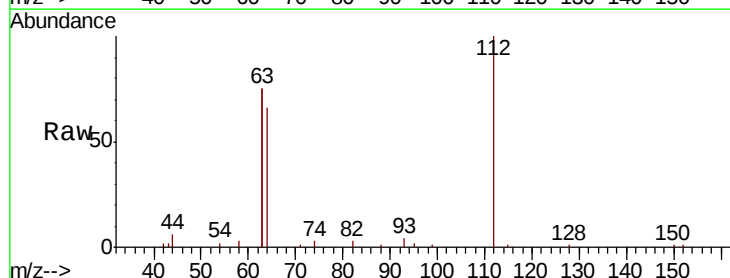
Tot Ion: 42 Resp: 8347
 Ion Ratio Lower Upper
 42 100
 74 78.9 77.6 116.4
 44 5.2 7.6 11.4#

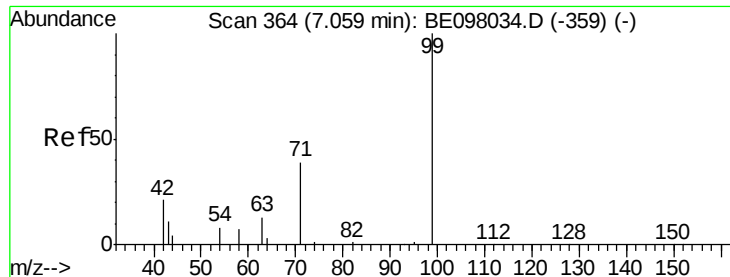


#4

2-Fluorophenol
 Concen: 3.067 ng
 RT: 5.47 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: BE098037.D
 Acq: 24 Oct 2018 13:16

Tgt Ion: 112 Resp: 11130
 Ion Ratio Lower Upper
 112 100
 64 76.9 58.9 88.3
 63 178.8 120.3 180.5





#5

Phenol-d6

Concen: 3.376 ng

RT: 7.05 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

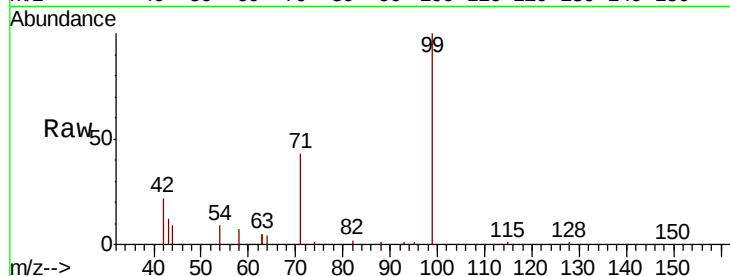
Tot Ion: 99 Resp: 18110

Ion Ratio Lower Upper

99 100

42 31.0 19.9 29.9#

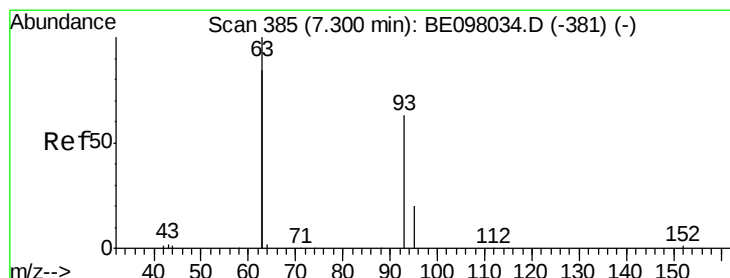
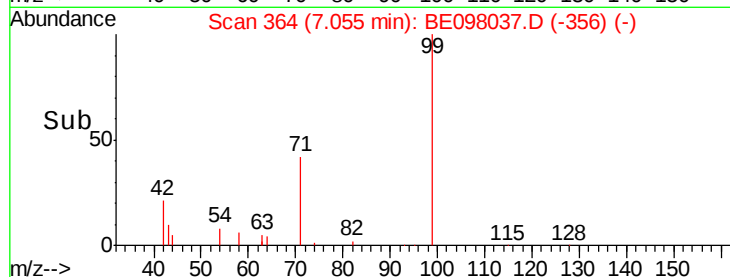
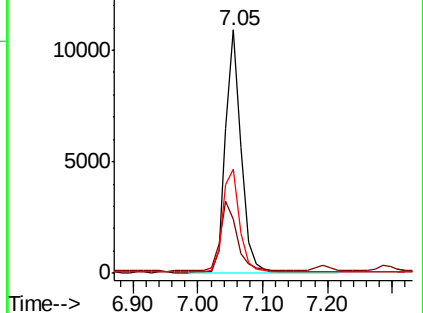
71 45.8 27.8 41.8#



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: 2.829 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

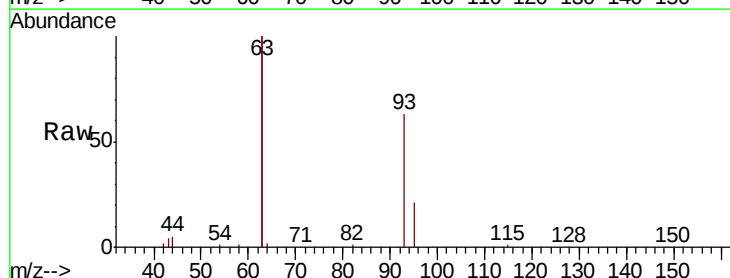
Tgt Ion: 93 Resp: 12892

Ion Ratio Lower Upper

93 100

63 344.8 259.0 388.4

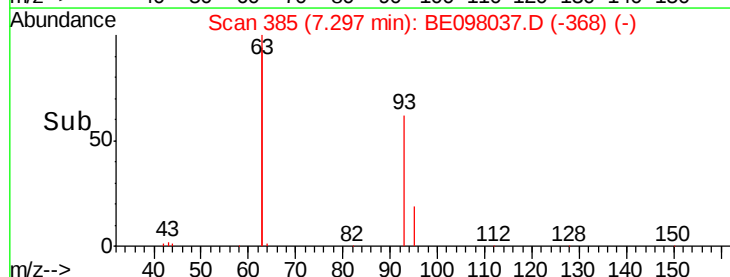
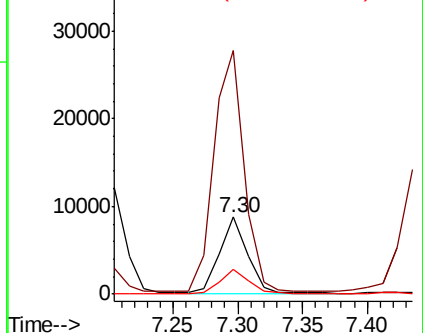
95 32.3 27.8 41.8

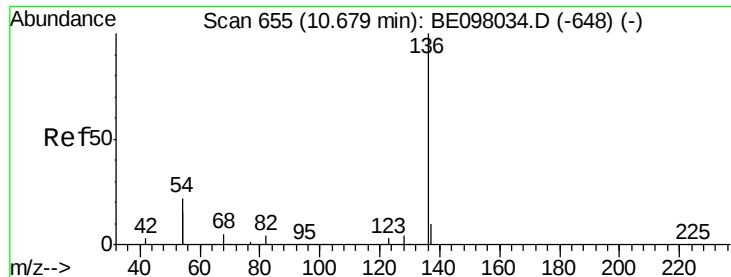


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 5511

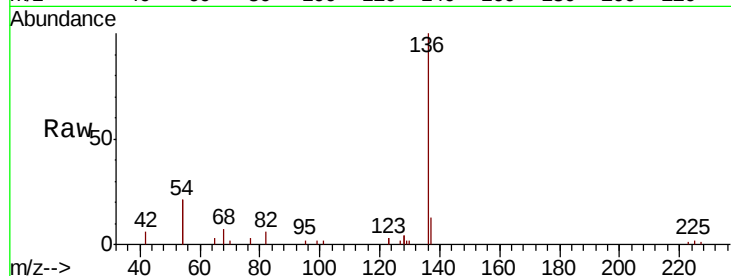
Ion Ratio Lower Upper

136 100

137 13.2 9.6 14.4

54 42.1 27.7 41.5#

68 6.7 5.3 7.9

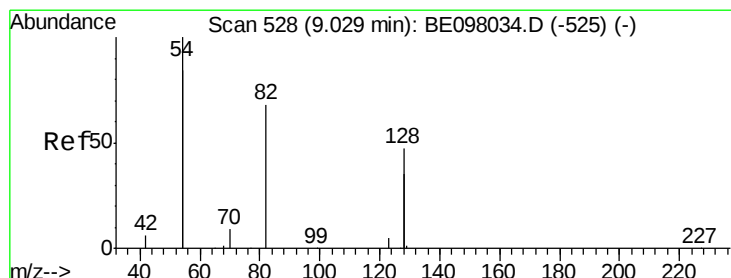
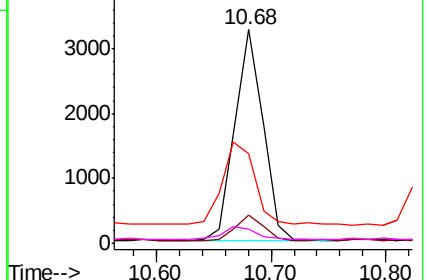
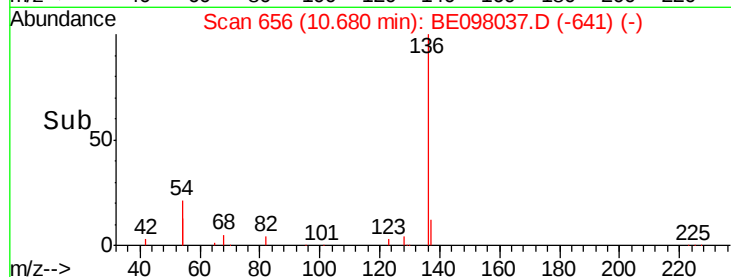


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.753 ng

RT: 9.03 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

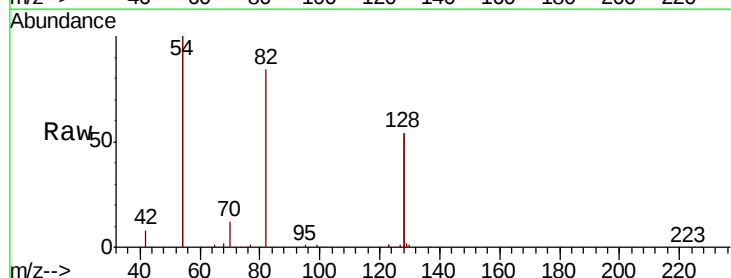
Tgt Ion: 82 Resp: 19588

Ion Ratio Lower Upper

82 100

128 128.1 129.9 194.9#

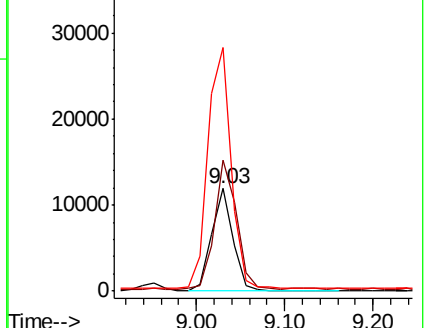
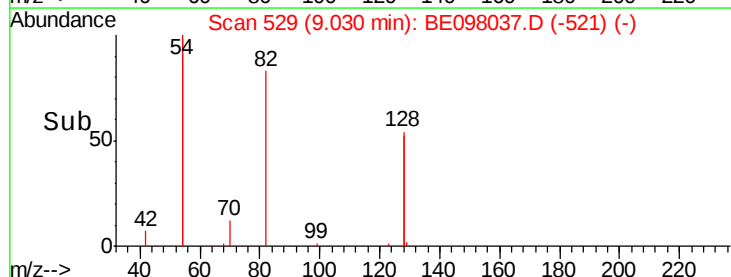
54 236.9 174.0 261.0

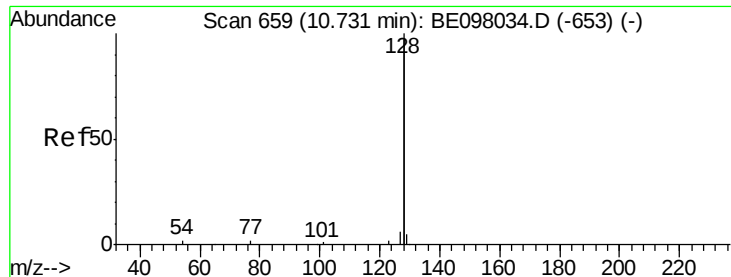


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.225 ng

RT: 10.73 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

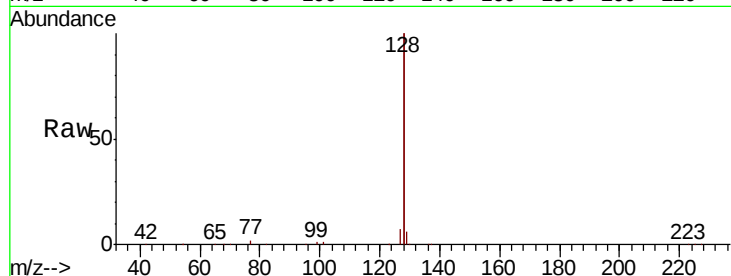
Tot Ion:128 Resp: 176933

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

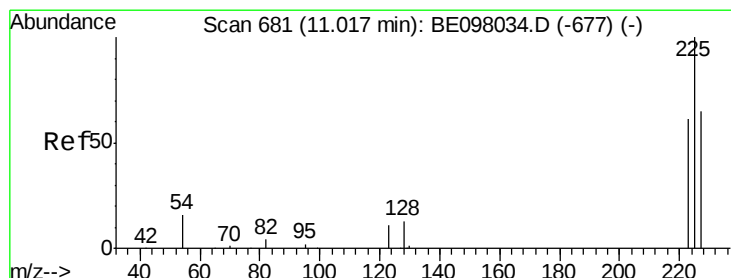
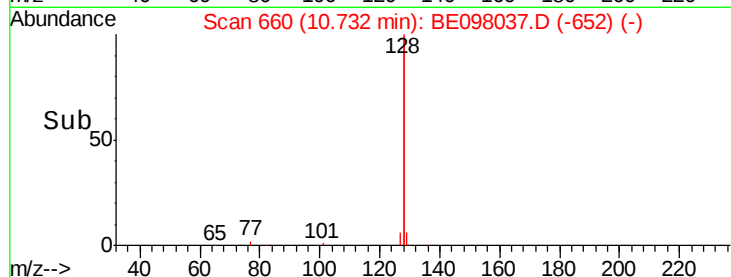
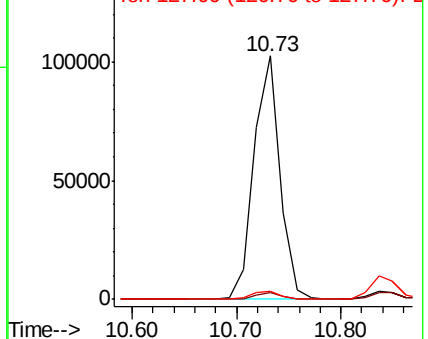
127 3.3 2.8 4.2



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: 4.005 ng

RT: 11.02 min Scan# 682

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

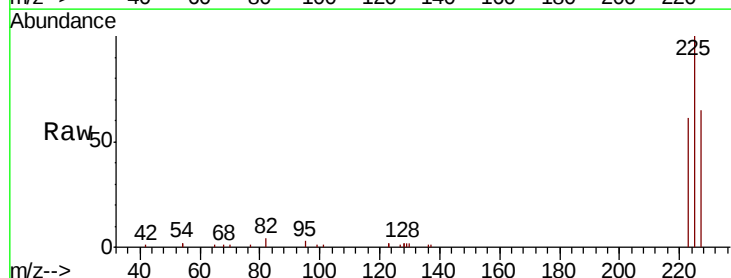
Tgt Ion:225 Resp: 11842

Ion Ratio Lower Upper

225 100

223 62.4 51.8 77.8

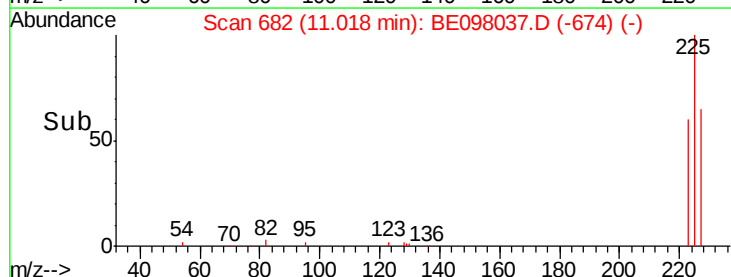
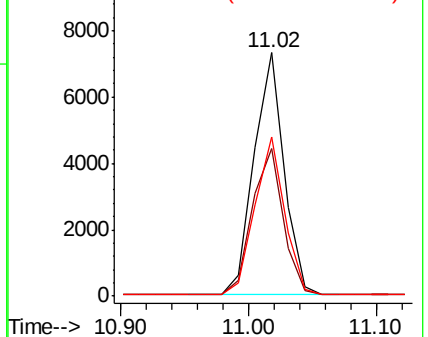
227 64.7 53.0 79.6

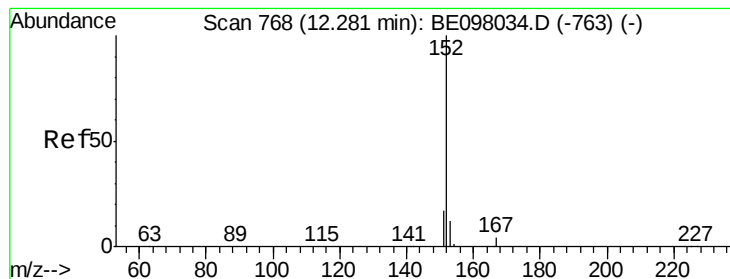


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

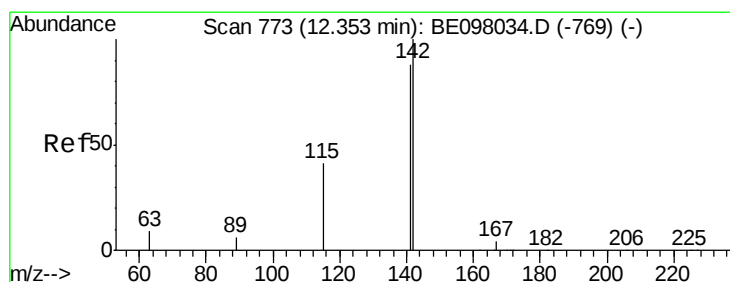
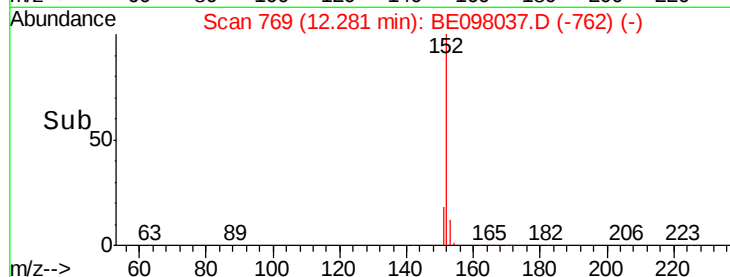
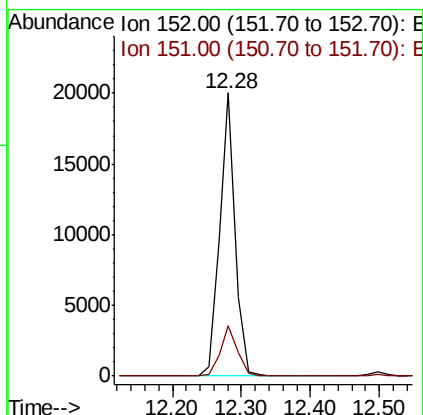
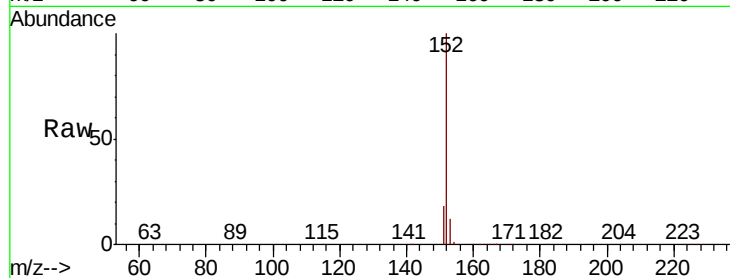




#11
 2-Methylnaphthalene-d10
 Concen: 3.407 ng
 RT: 12.28 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BE098037.D
 Acq: 24 Oct 2018 13:16

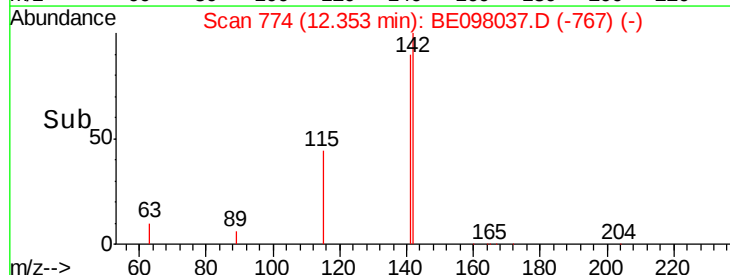
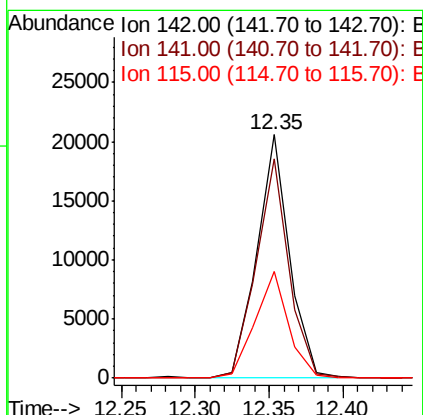
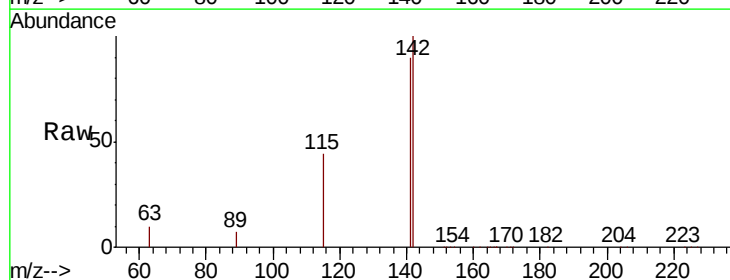
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

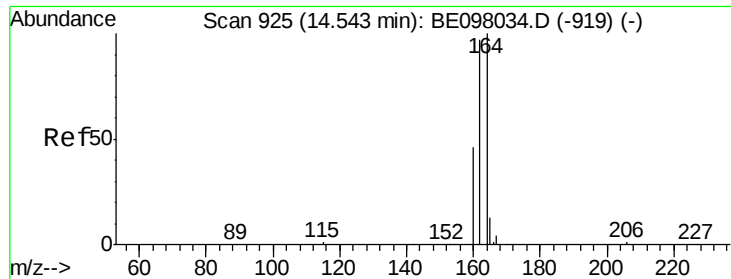
Tot Ion:152 Resp: 31239
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 3.348 ng
 RT: 12.35 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BE098037.D
 Acq: 24 Oct 2018 13:16

Tgt Ion:142 Resp: 31479
 Ion Ratio Lower Upper
 142 100
 141 90.2 69.8 104.6
 115 43.9 30.5 45.7

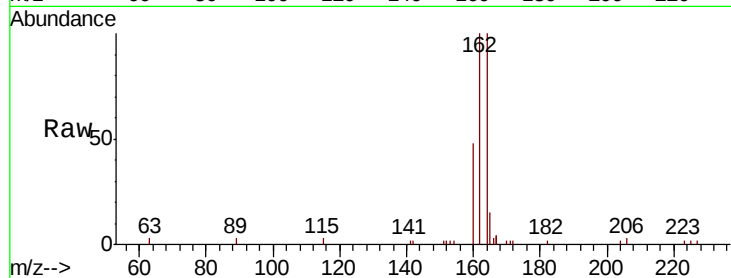




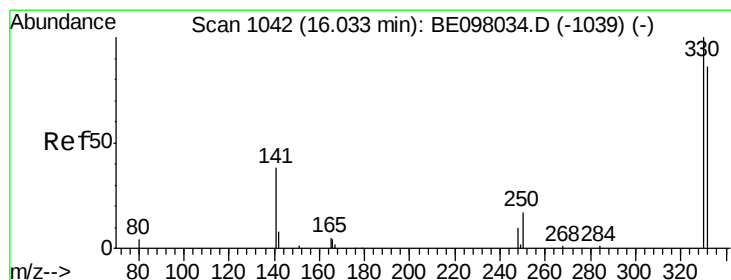
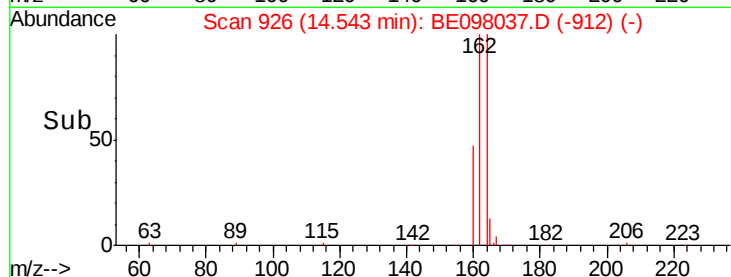
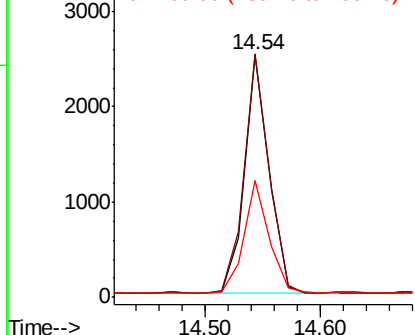
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BE098037.D
 Acq: 24 Oct 2018 13:16

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:164 Resp: 3664
 Ion Ratio Lower Upper
 164 100
 162 100.3 77.4 116.2
 160 48.0 36.5 54.7

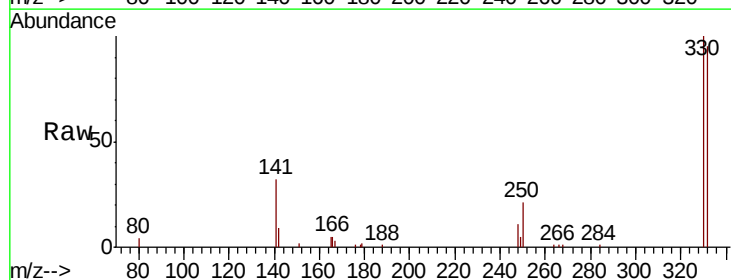


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

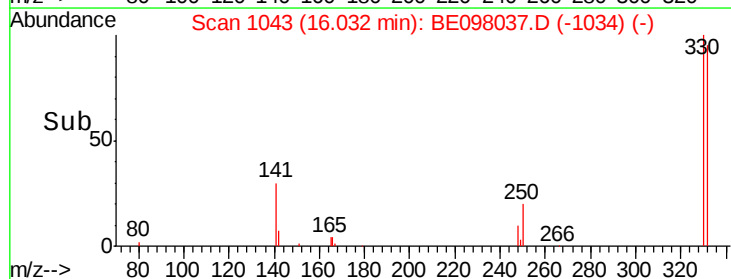
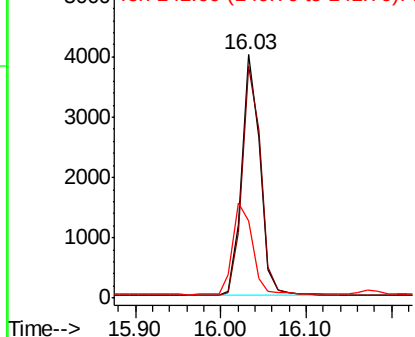


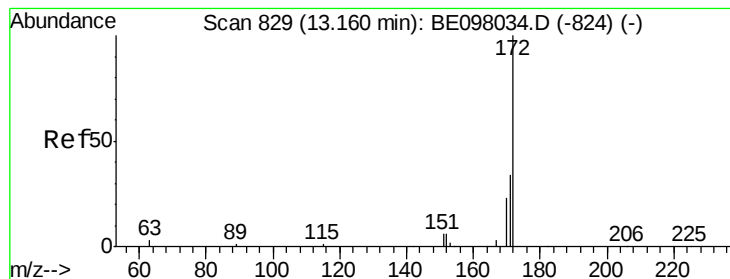
#14
 2,4,6-Tribromophenol
 Concen: 3.027 ng
 RT: 16.03 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE098037.D
 Acq: 24 Oct 2018 13:16

Tgt Ion:330 Resp: 5964
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.5 114.7
 141 41.0 31.8 47.6



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: 3.092 ng

RT: 13.16 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

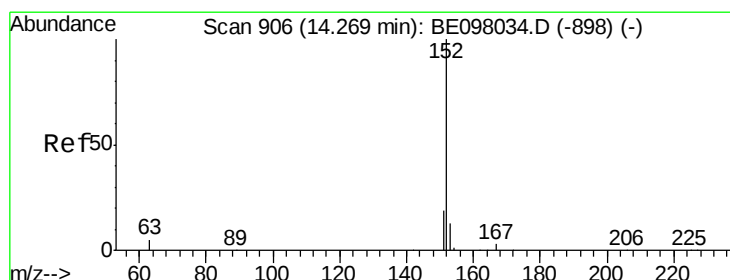
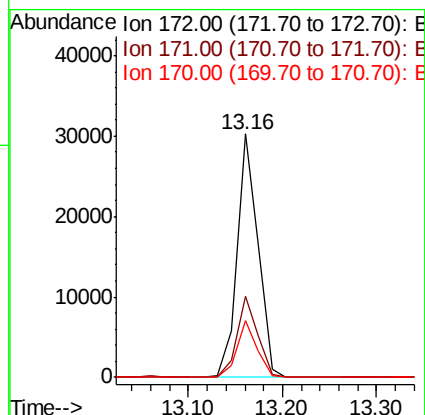
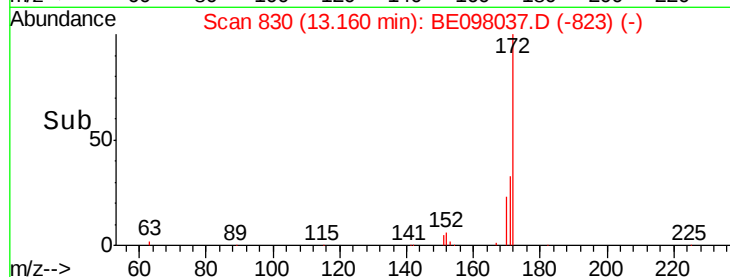
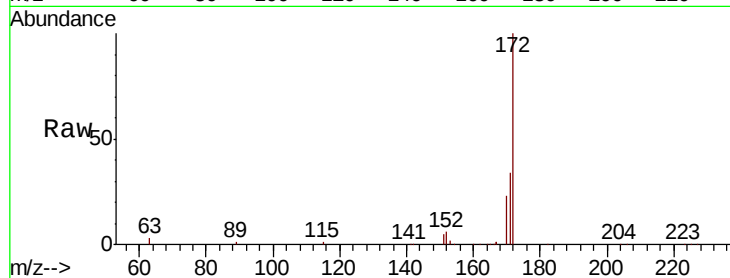
Tot Ion:172 Resp: 46298

Ion Ratio Lower Upper

172 100

171 33.5 26.0 39.0

170 23.3 18.0 27.0



#16

Acenaphthylene

Concen: 3.327 ng

RT: 14.27 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

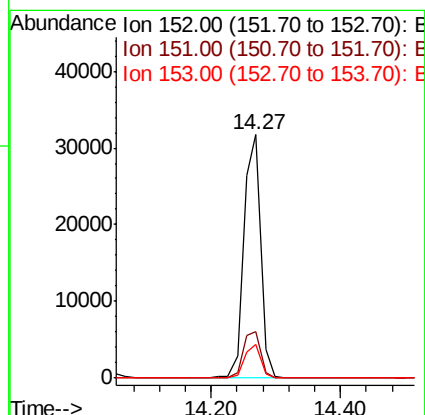
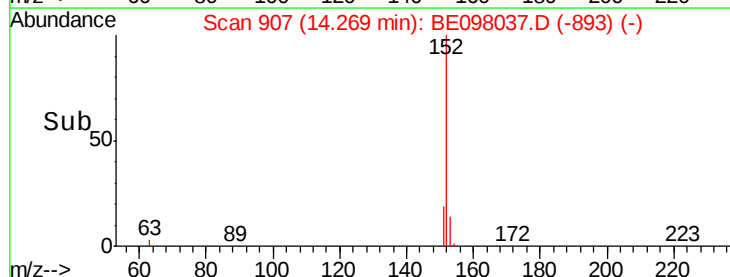
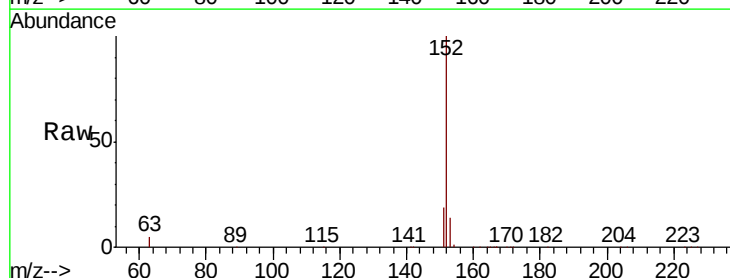
Tgt Ion:152 Resp: 56322

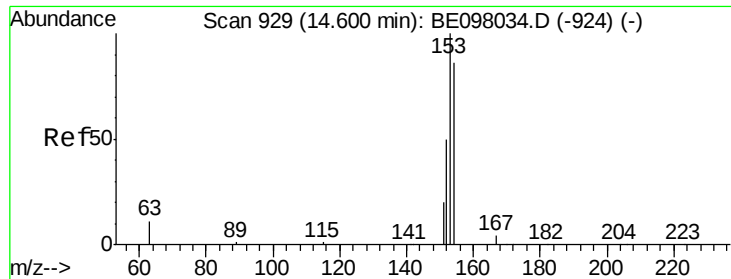
Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.9 16.3





#17

Acenaphthene

Concen: 3.204 ng

RT: 14.60 min Scan# 930

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

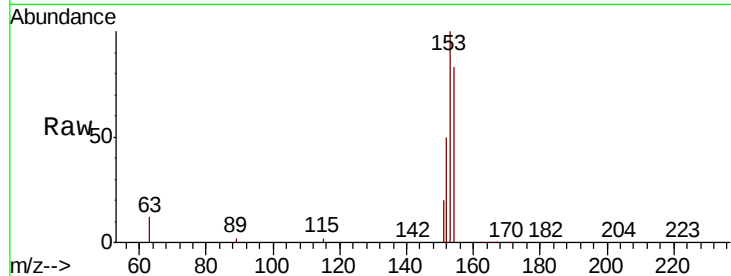
Tot Ion:154 Resp: 33148

Ion Ratio Lower Upper

154 100

153 115.9 92.6 139.0

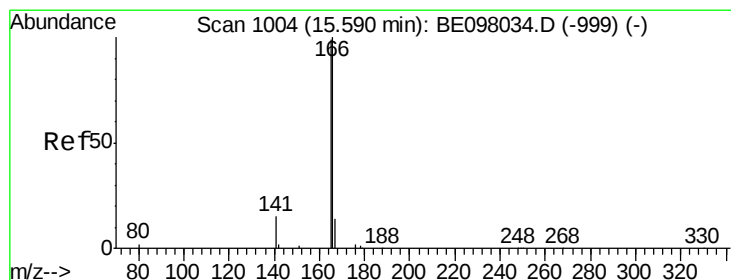
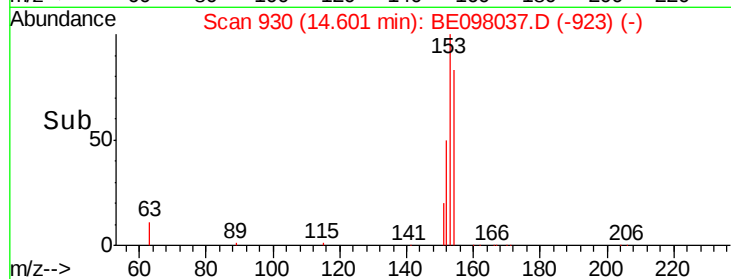
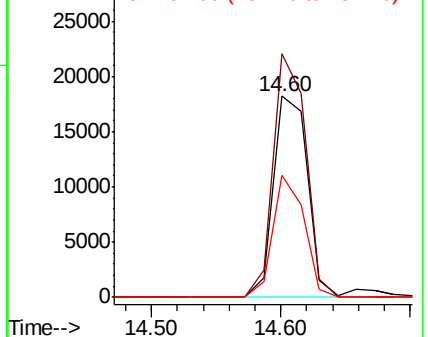
152 56.0 45.5 68.3



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: 3.153 ng

RT: 15.59 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

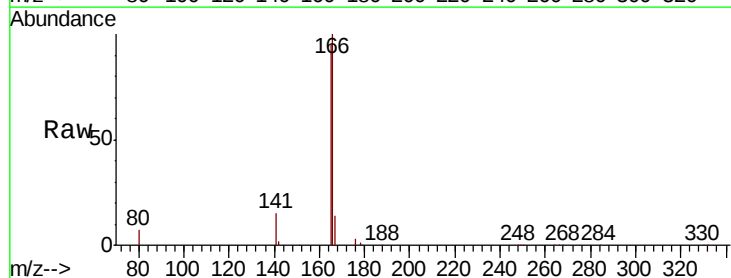
Tgt Ion:166 Resp: 44875

Ion Ratio Lower Upper

166 100

165 98.8 78.2 117.4

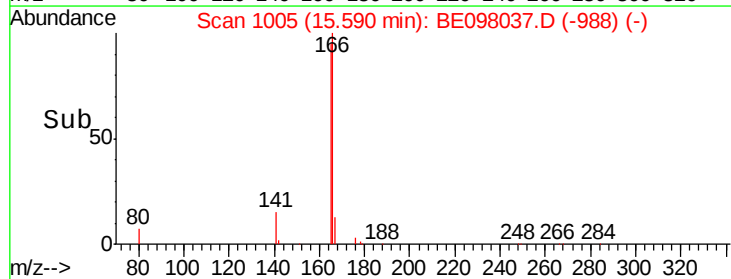
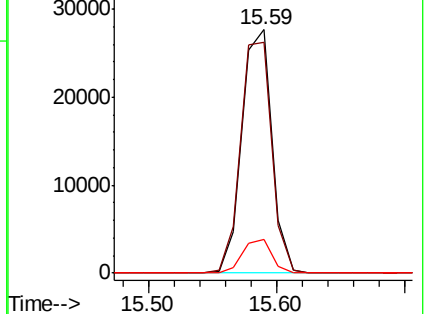
167 13.3 11.0 16.6

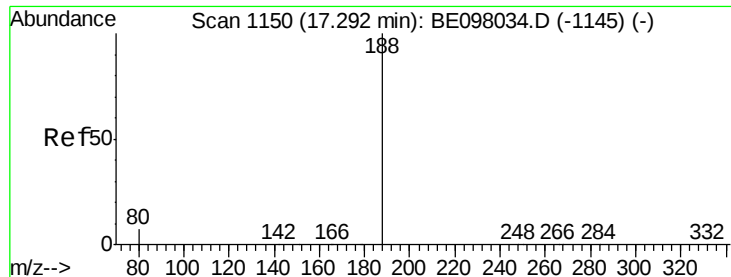


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

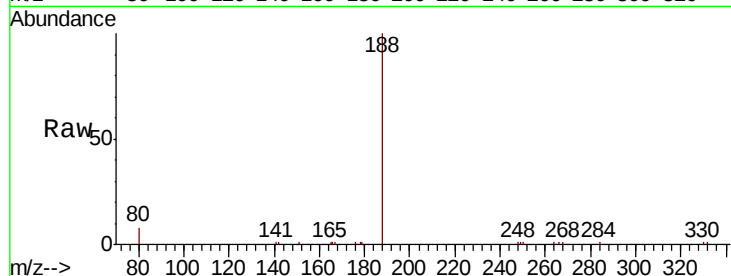
Tot Ion:188 Resp: 9097

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

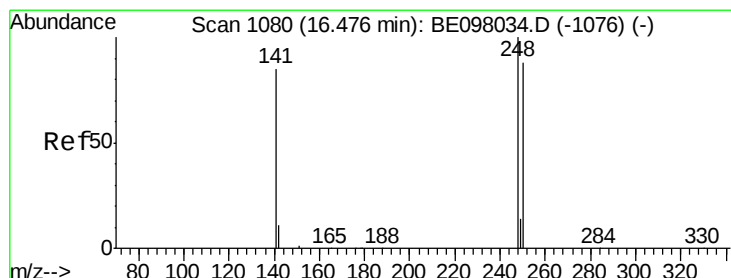
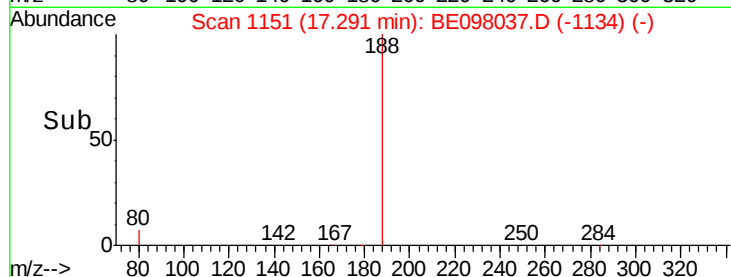
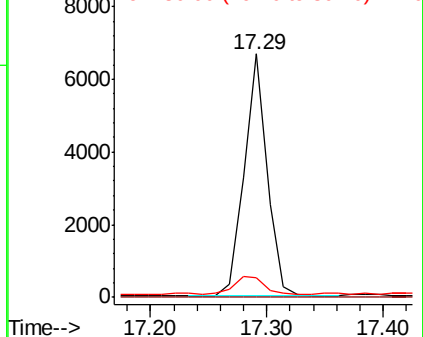
80 8.1 6.3 9.5



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: 3.546 ng

RT: 16.48 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

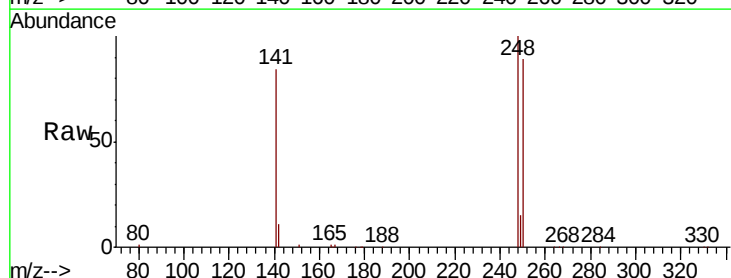
Tgt Ion:248 Resp: 17628

Ion Ratio Lower Upper

248 100

250 89.3 75.1 112.7

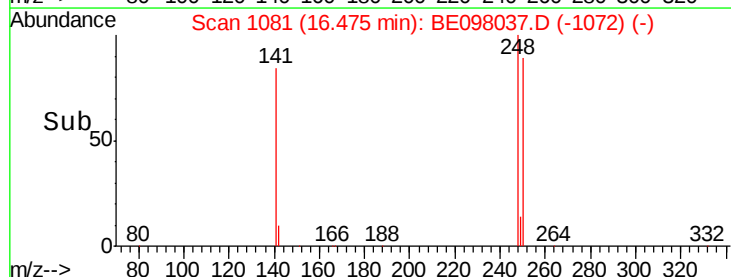
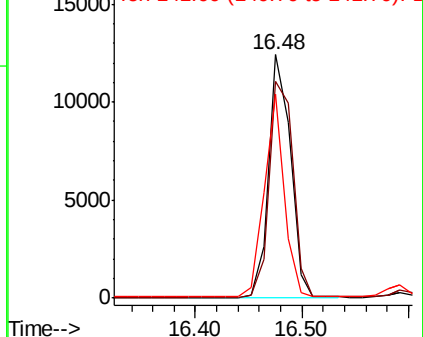
141 83.9 51.8 77.8#

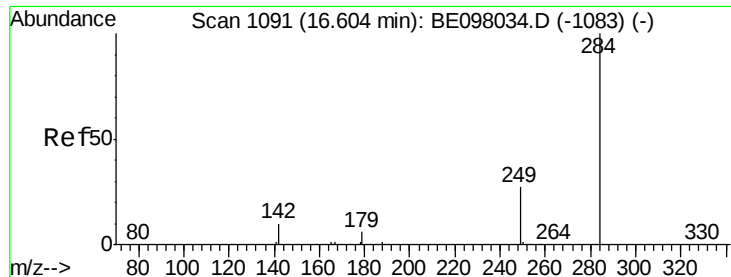


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.796 ng

RT: 16.60 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

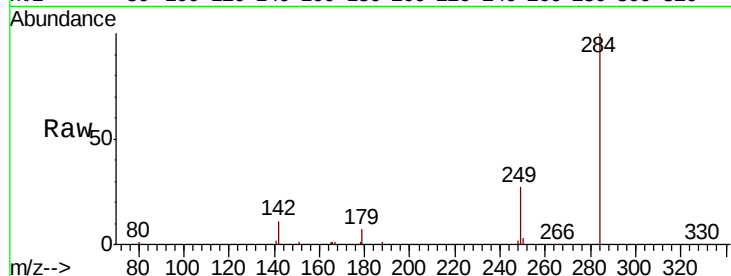
Tot Ion:284 Resp: 18554

Ion Ratio Lower Upper

284 100

142 31.1 25.9 38.9

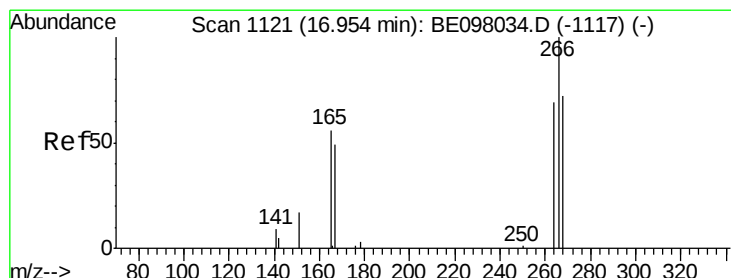
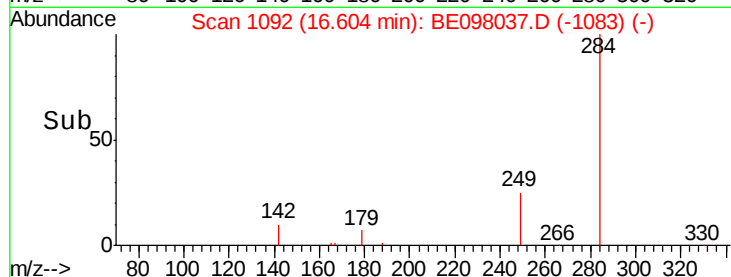
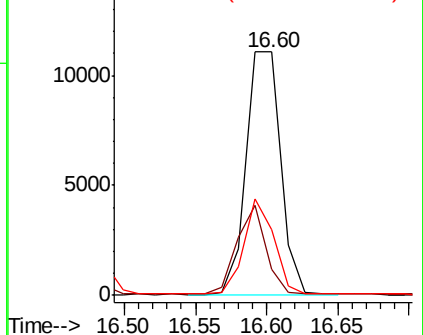
249 34.1 26.6 40.0



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: 1.306 ng

RT: 16.95 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

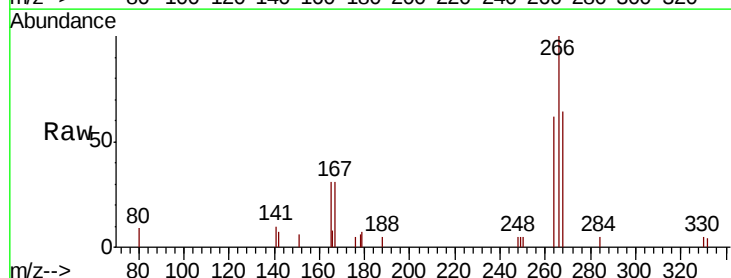
Tgt Ion:266 Resp: 1846

Ion Ratio Lower Upper

266 100

264 62.2 51.3 76.9

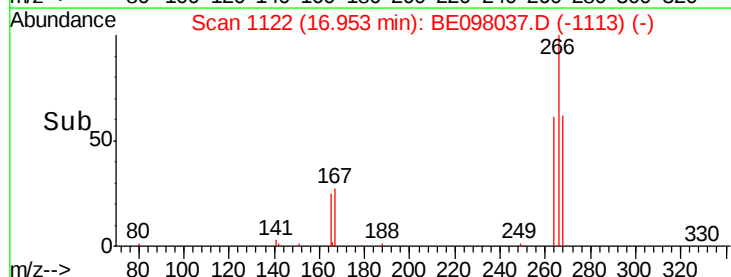
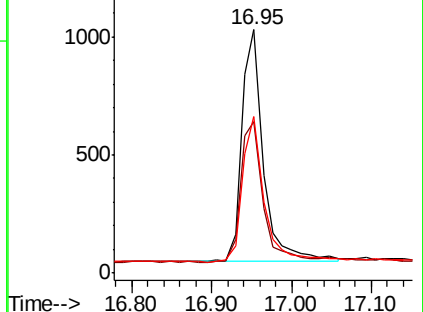
268 64.1 50.1 75.1

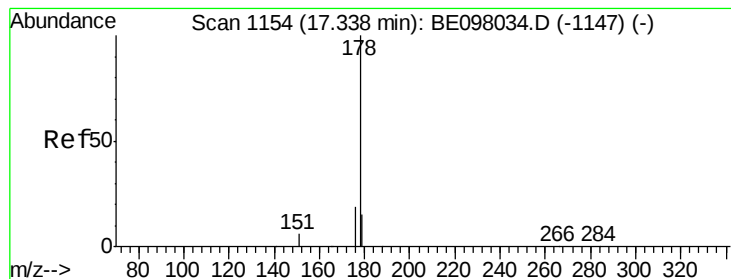


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.031 ng

RT: 17.33 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

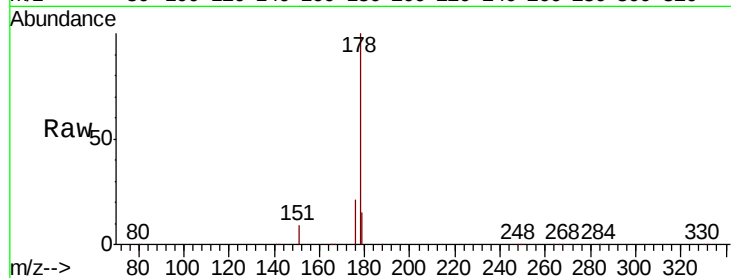
Tot Ion:178 Resp: 70059

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

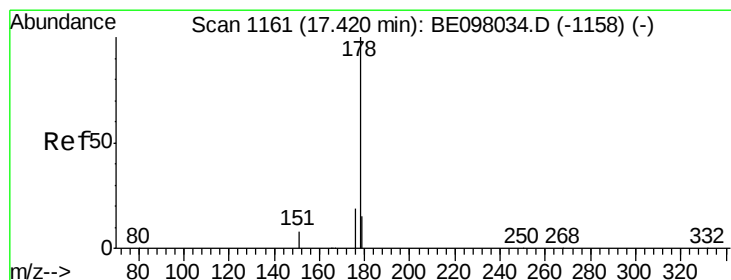
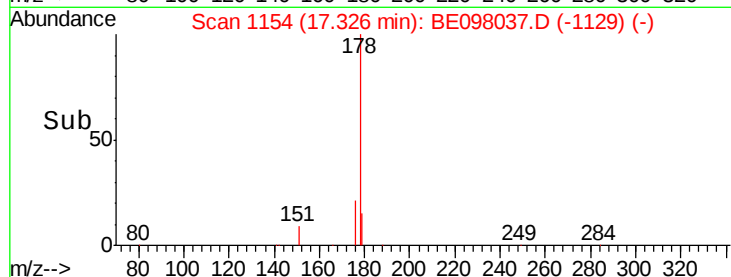
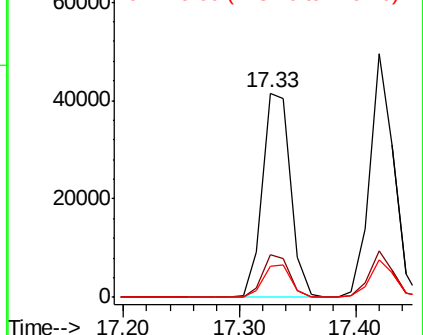
179 15.6 12.2 18.4



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: 3.212 ng

RT: 17.42 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

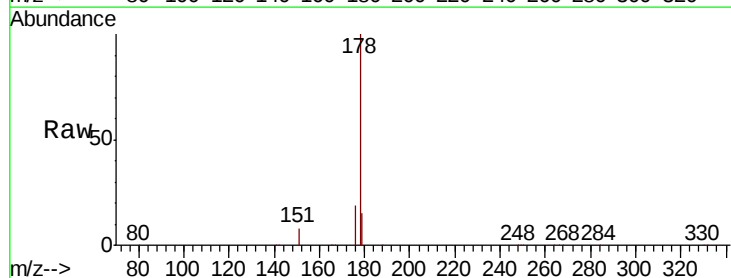
Tgt Ion:178 Resp: 70136

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

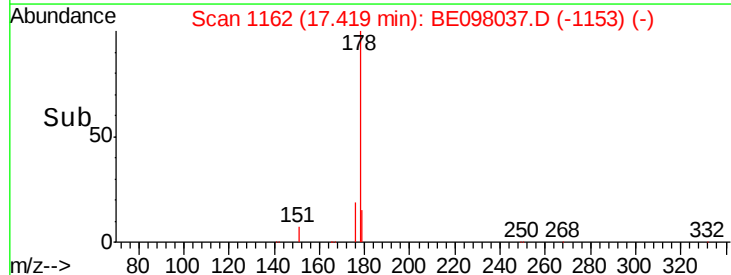
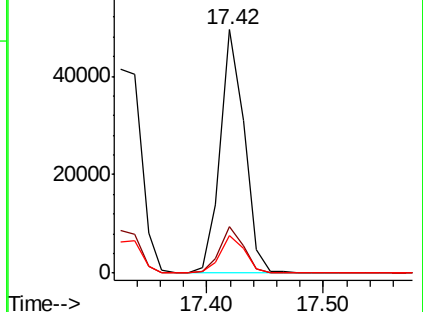
179 15.3 11.9 17.9

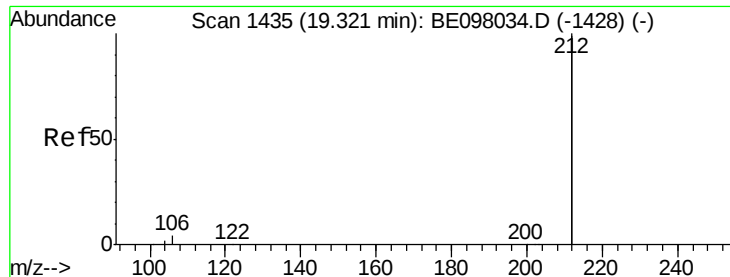


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 2.998 ng

RT: 19.32 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

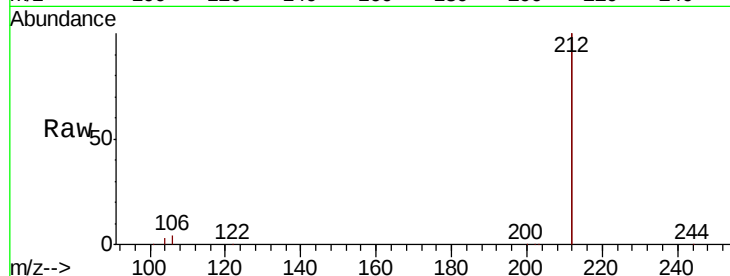
Tot Ion:212 Resp: 369674

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

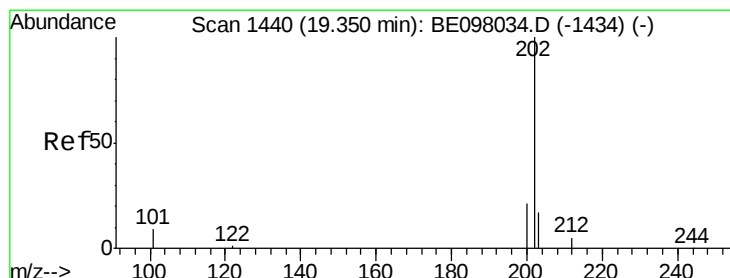
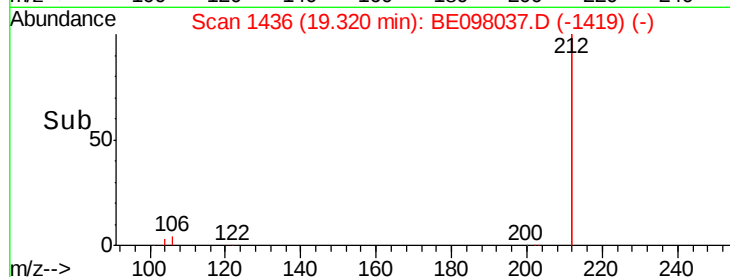
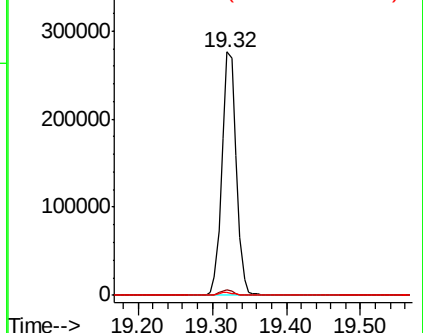
104 1.2 1.3 1.9#



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: 2.938 ng

RT: 19.35 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

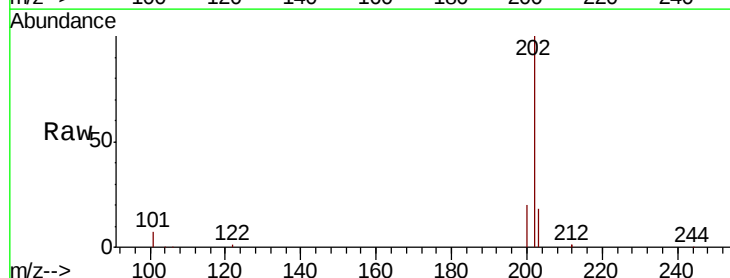
Tgt Ion:202 Resp: 89117

Ion Ratio Lower Upper

202 100

101 7.9 8.2 12.2#

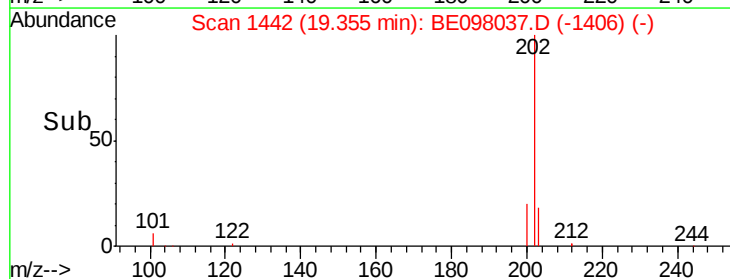
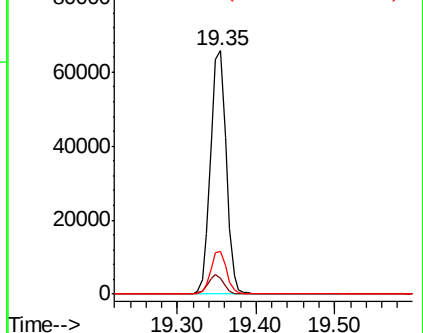
203 17.4 15.0 22.4

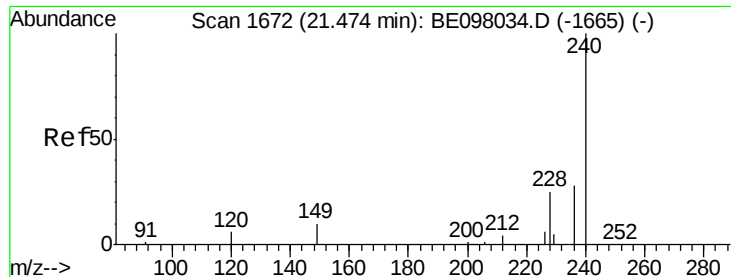


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

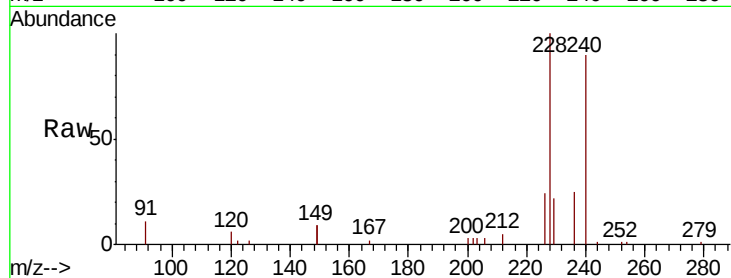
Tot Ion:240 Resp: 10463

Ion Ratio Lower Upper

240 100

120 6.8 7.1 10.7#

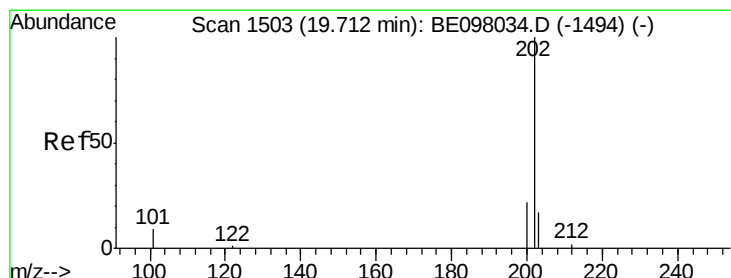
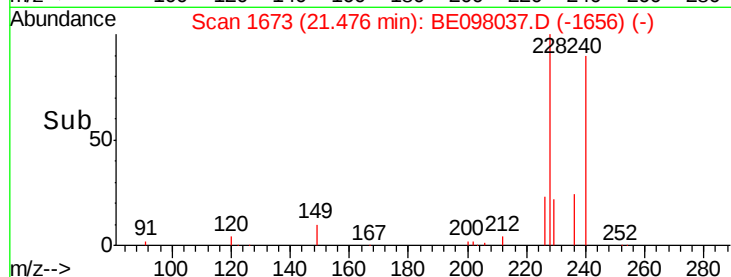
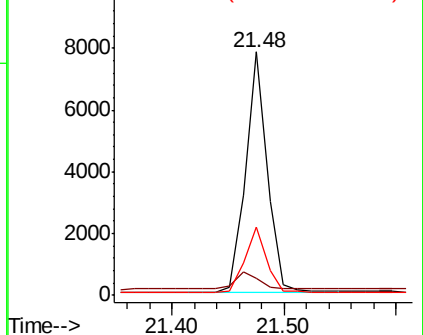
236 28.0 21.3 31.9



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: 3.074 ng

RT: 19.71 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

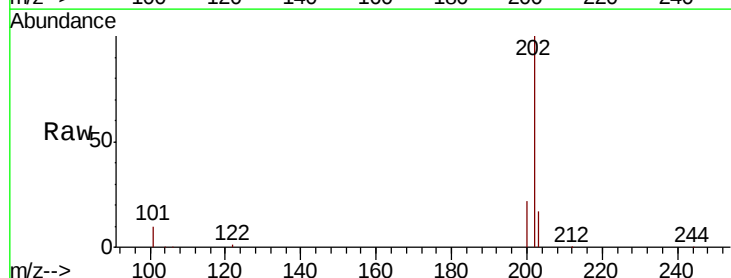
Tgt Ion:202 Resp: 92782

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

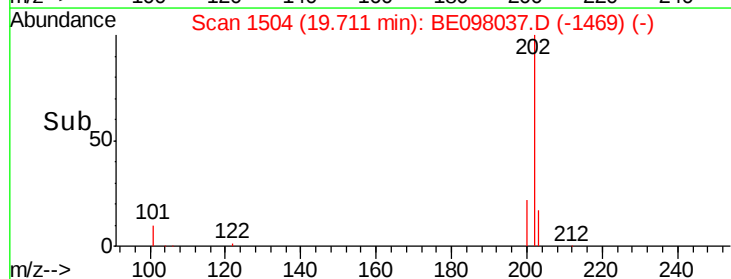
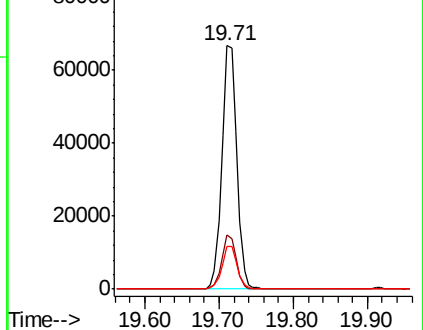
203 17.5 14.2 21.4

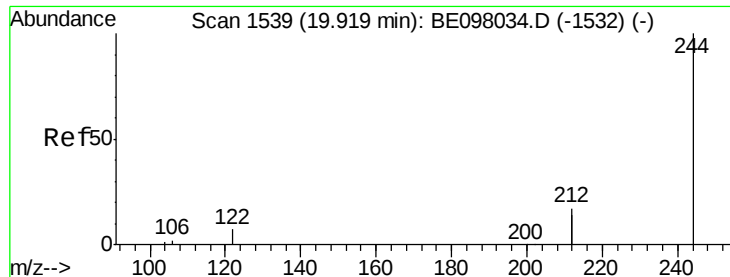


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.227 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

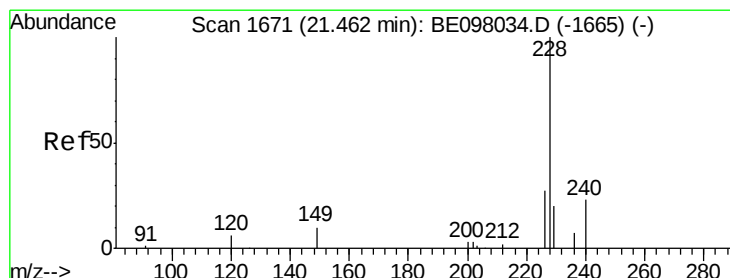
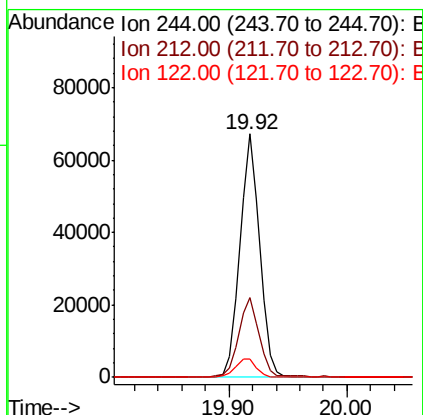
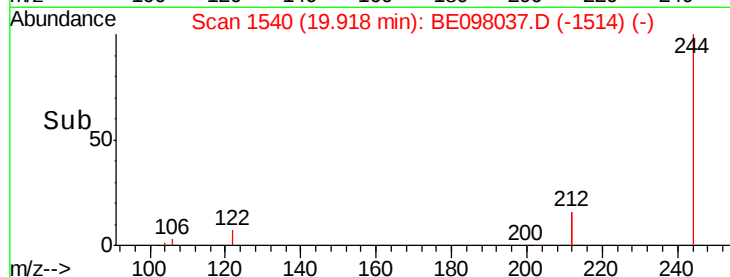
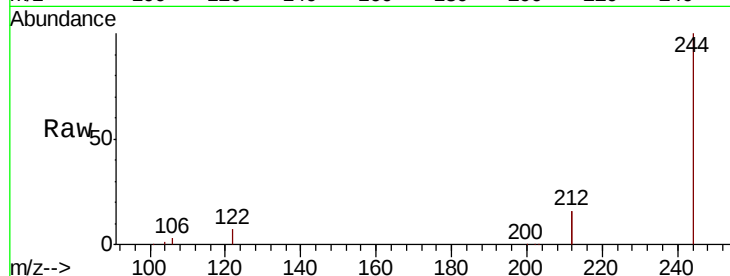
Tot Ion:244 Resp: 77380

Ion Ratio Lower Upper

244 100

212 32.9 26.2 39.2

122 7.3 7.7 11.5#



#30

Benzo(a)anthracene

Concen: 3.127 ng

RT: 21.45 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

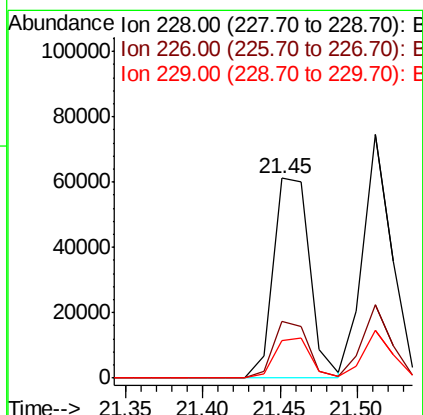
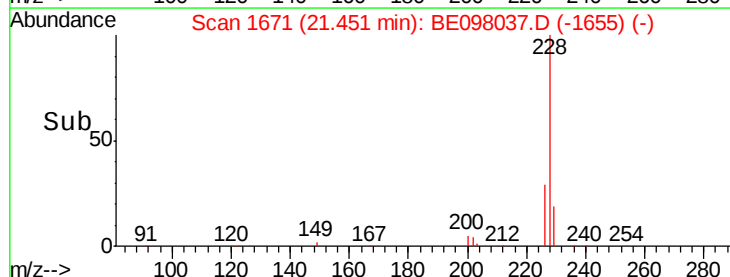
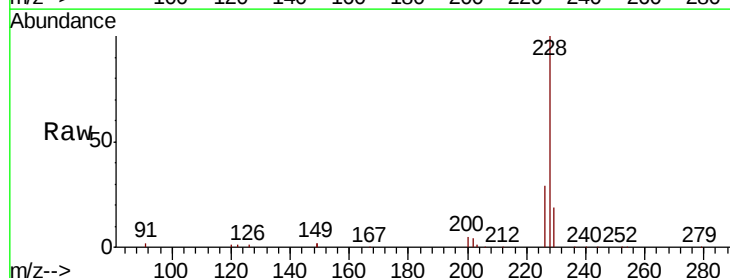
Tgt Ion:228 Resp: 100366

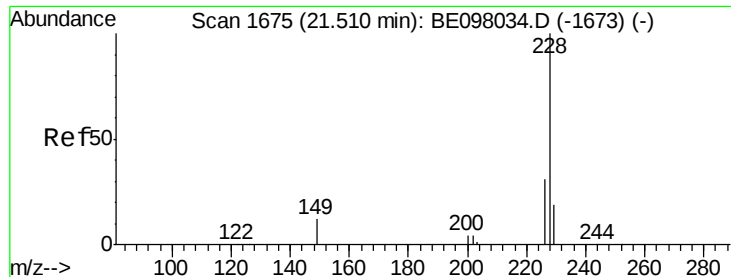
Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

229 19.1 16.9 25.3





#31

Chrysene

Concen: 3.204 ng

RT: 21.51 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

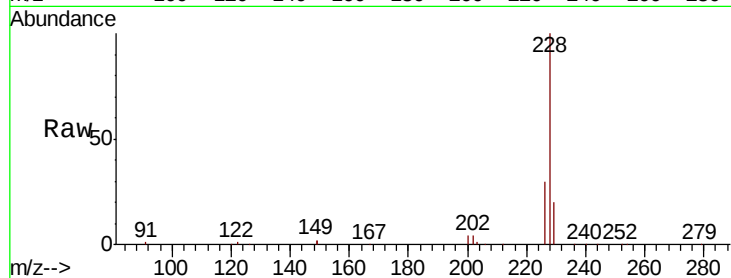
Tot Ion:228 Resp: 97399

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

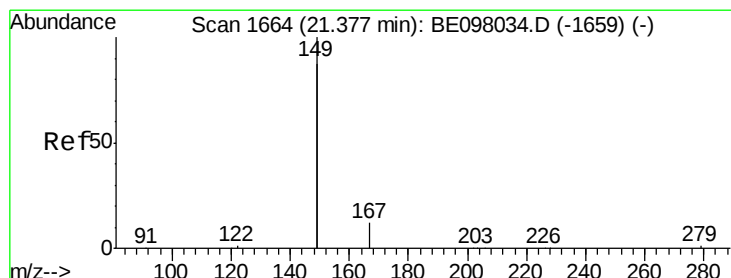
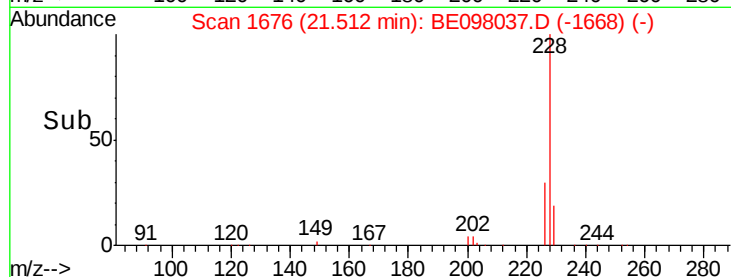
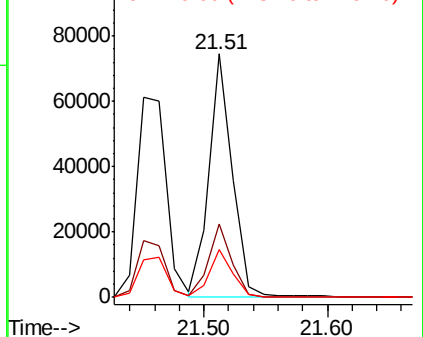
229 19.5 17.3 25.9



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: 3.040 ng

RT: 21.38 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

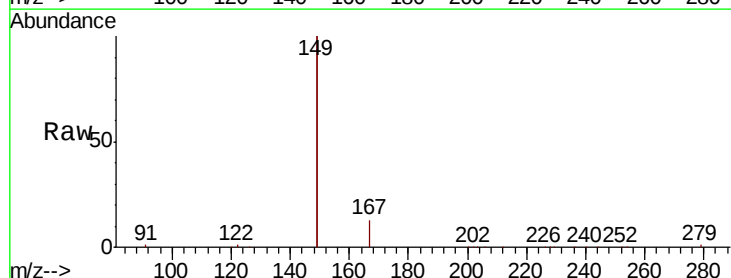
Tgt Ion:149 Resp: 227830

Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

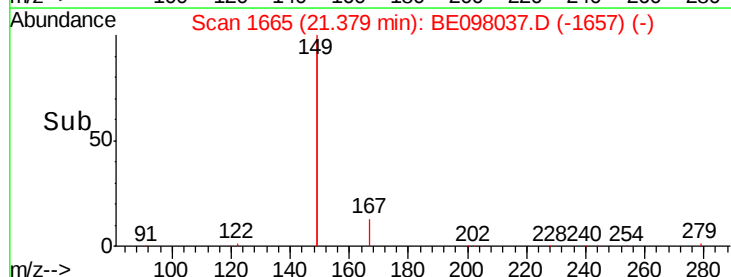
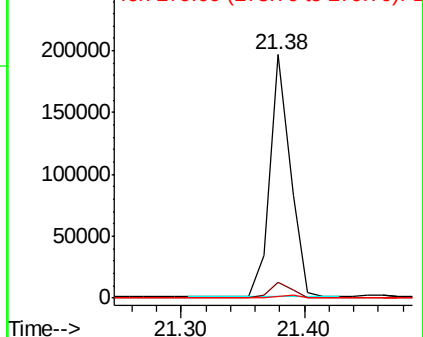
279 1.2 0.9 1.3

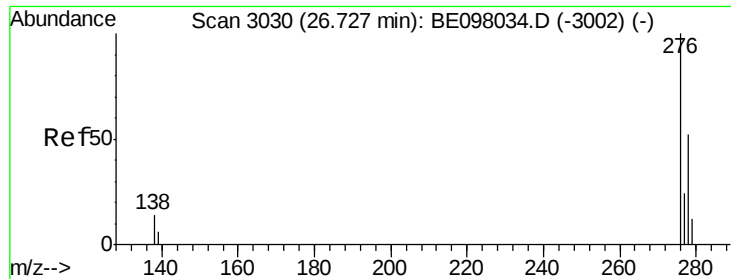


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.285 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.01 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

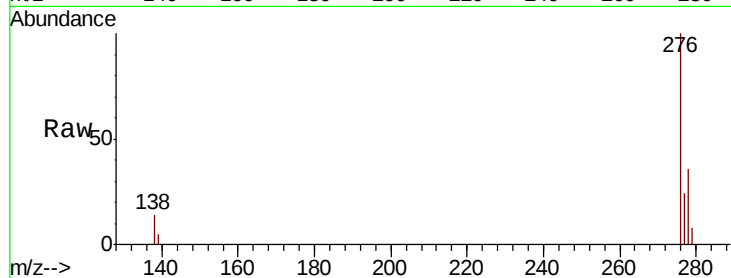
Tot Ion:276 Resp: 107299

Ion Ratio Lower Upper

276 100

138 15.5 17.0 25.6#

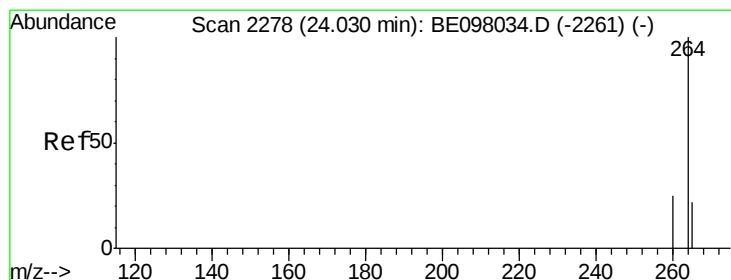
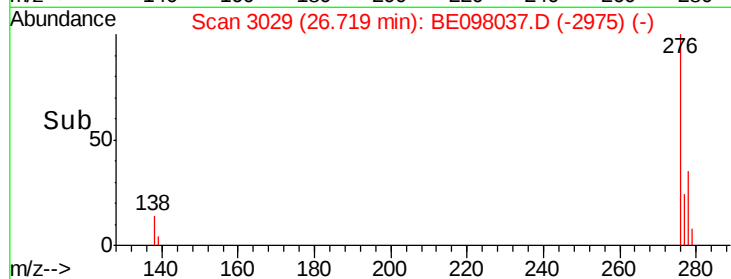
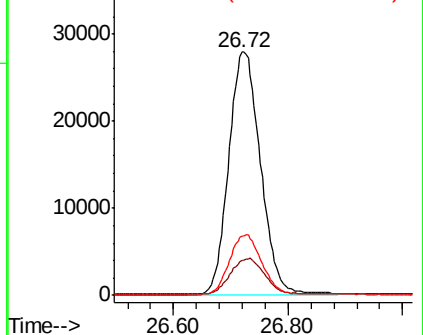
277 25.0 20.5 30.7



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: 24.03 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

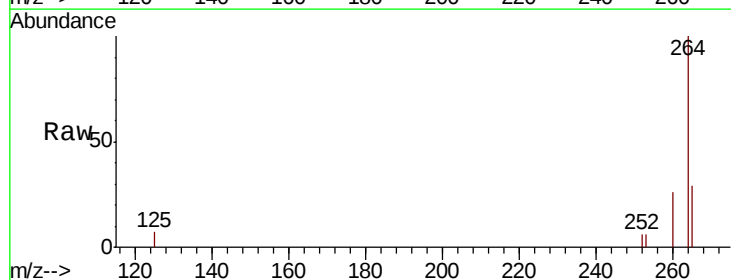
Tgt Ion:264 Resp: 10375

Ion Ratio Lower Upper

264 100

260 25.9 21.1 31.7

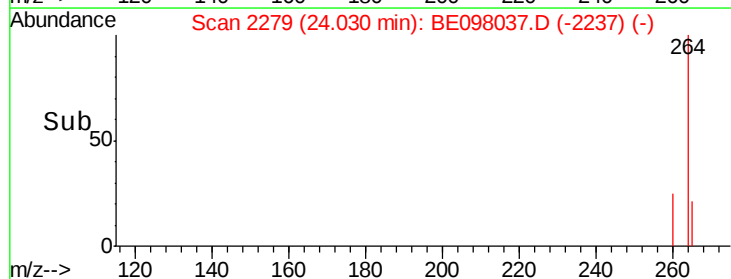
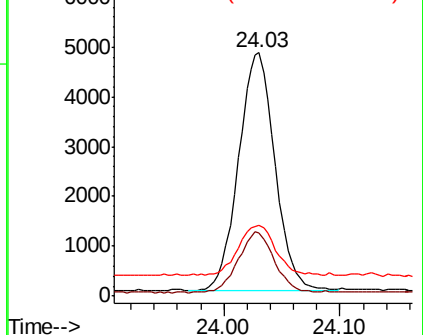
265 29.3 29.2 43.8

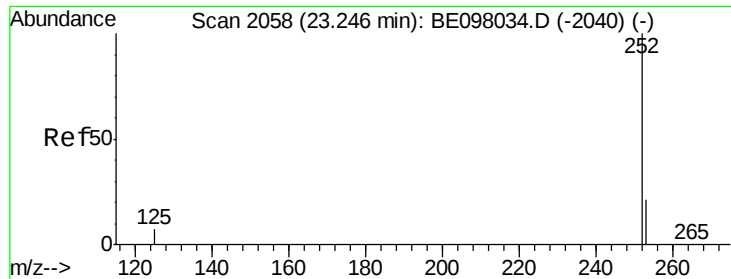


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.086 ng

RT: 23.24 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

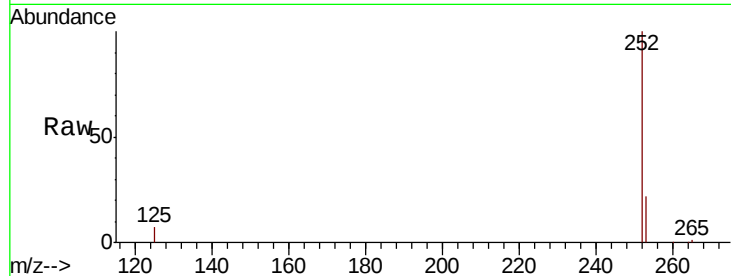
Tot Ion:252 Resp: 92127

Ion Ratio Lower Upper

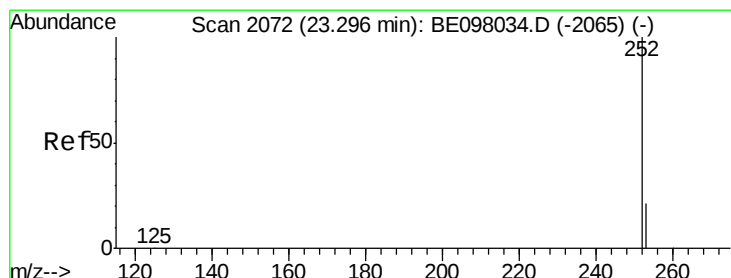
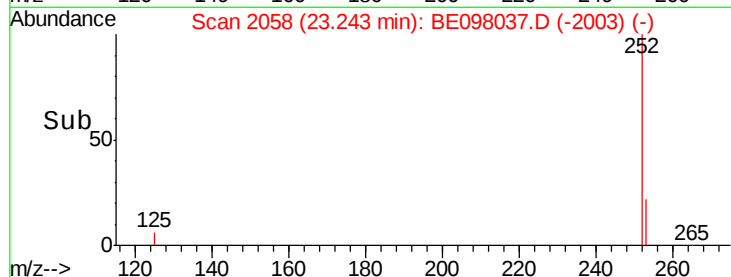
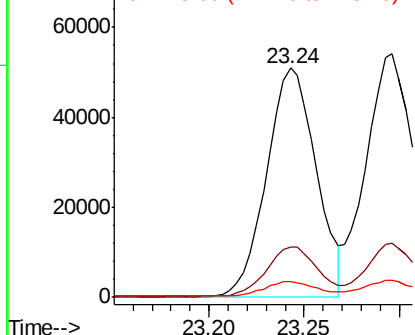
252 100

253 22.1 20.6 31.0

125 6.8 14.3 21.5#



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: 3.152 ng

RT: 23.30 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

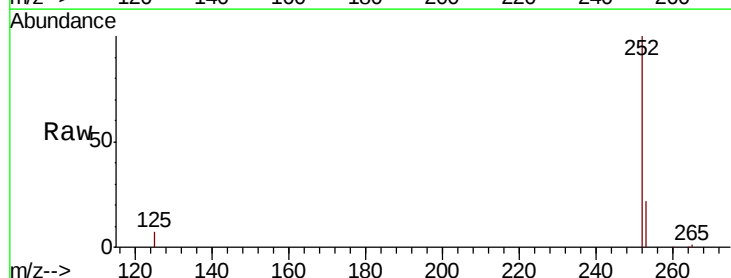
Tgt Ion:252 Resp: 98077

Ion Ratio Lower Upper

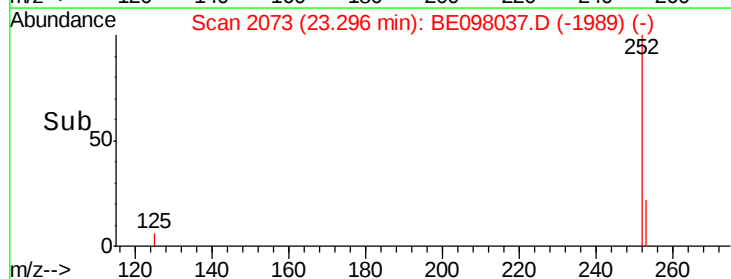
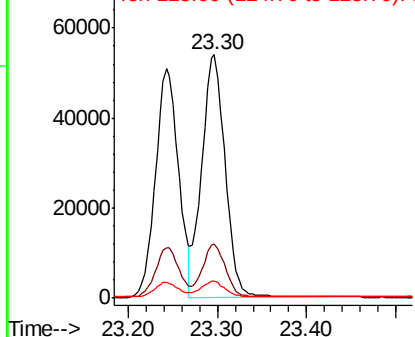
252 100

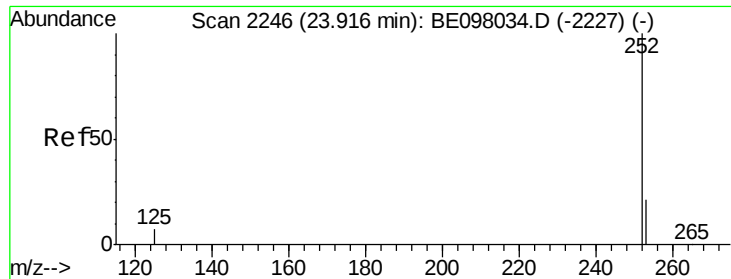
253 22.4 20.4 30.6

125 6.8 14.6 21.8#



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

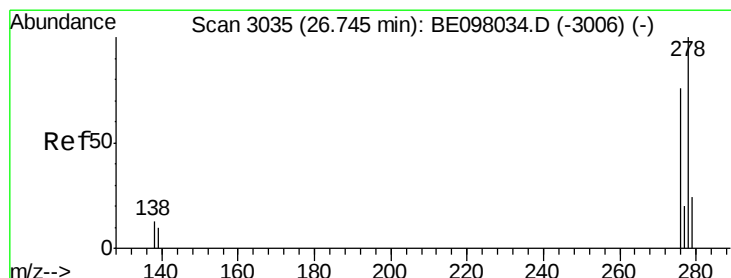
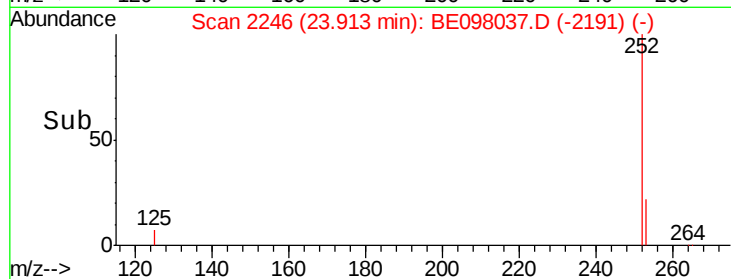
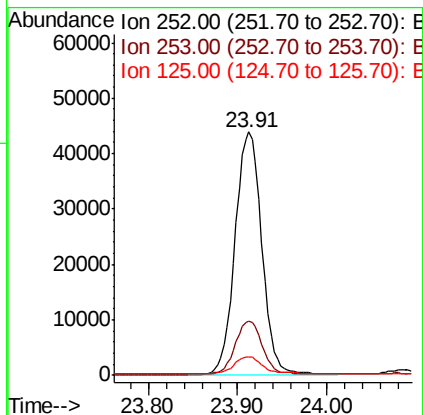
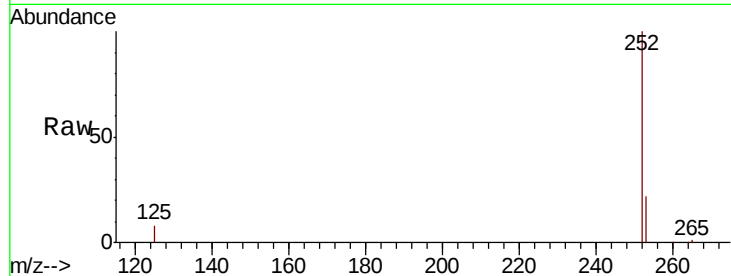




#37
Benzo(a)pyrene
Concen: 3.132 ng
RT: 23.91 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BE098037.D
Acq: 24 Oct 2018 13:16

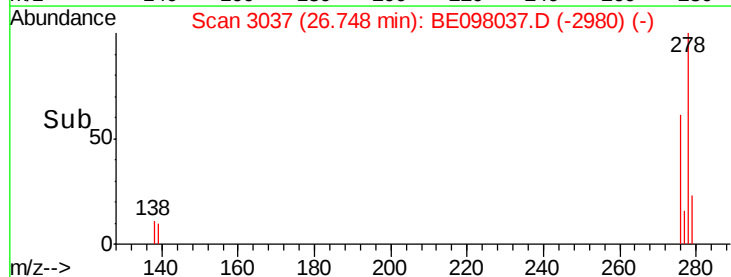
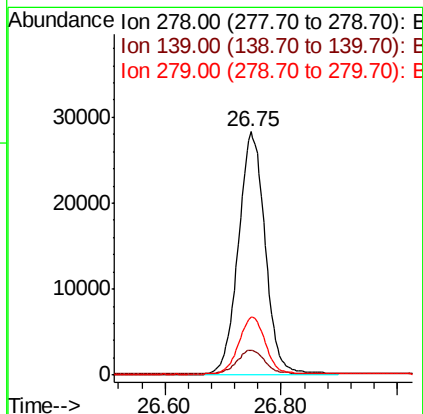
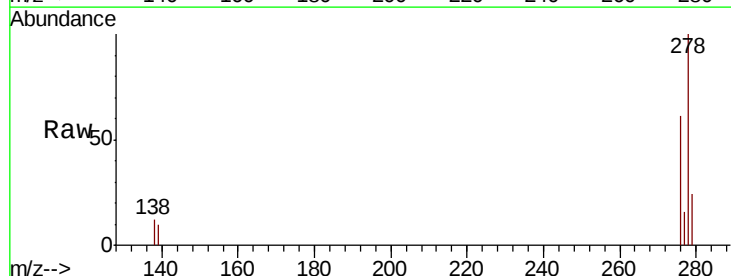
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

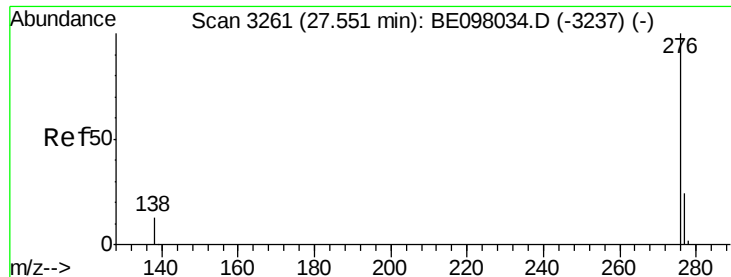
Tot Ion:252 Resp: 91157
Ion Ratio Lower Upper
252 100
253 22.3 20.6 31.0
125 7.7 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 3.172 ng
RT: 26.75 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE098037.D
Acq: 24 Oct 2018 13:16

Tgt Ion:278 Resp: 90398
Ion Ratio Lower Upper
278 100
139 10.3 16.3 24.5#
279 23.7 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 3.042 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BE098037.D

Acq: 24 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

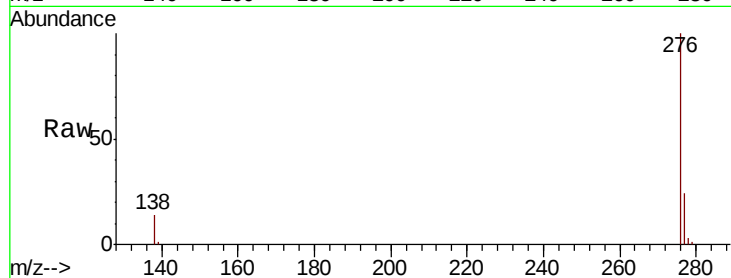
Tot Ion: 276 Resp: 88817

Ion Ratio Lower Upper

276 100

277 24.2 22.1 33.1

138 13.9 19.3 28.9#



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

