

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098137.D
 Acq On : 1 Nov 2018 9:17
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 01 11:20:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 11:18:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1086	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5071	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3469	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	8125	0.40	ng	0.01
27) Chrysene-d12	21.48	240	9408	0.40	ng	0.01
34) Perylene-d12	24.02	264	9188	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	346	0.11	ng	0.00
5) Phenol-d6	7.06	99	565	0.10	ng	0.01
8) Nitrobenzene-d5	9.03	82	582	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	929	0.10	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	171	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	1654	0.12	ng	0.00
25) Fluoranthene-d10	19.32	212	10763	0.10	ng	0.00
29) Terphenyl-d14	19.91	244	2434	0.11	ng	0.00

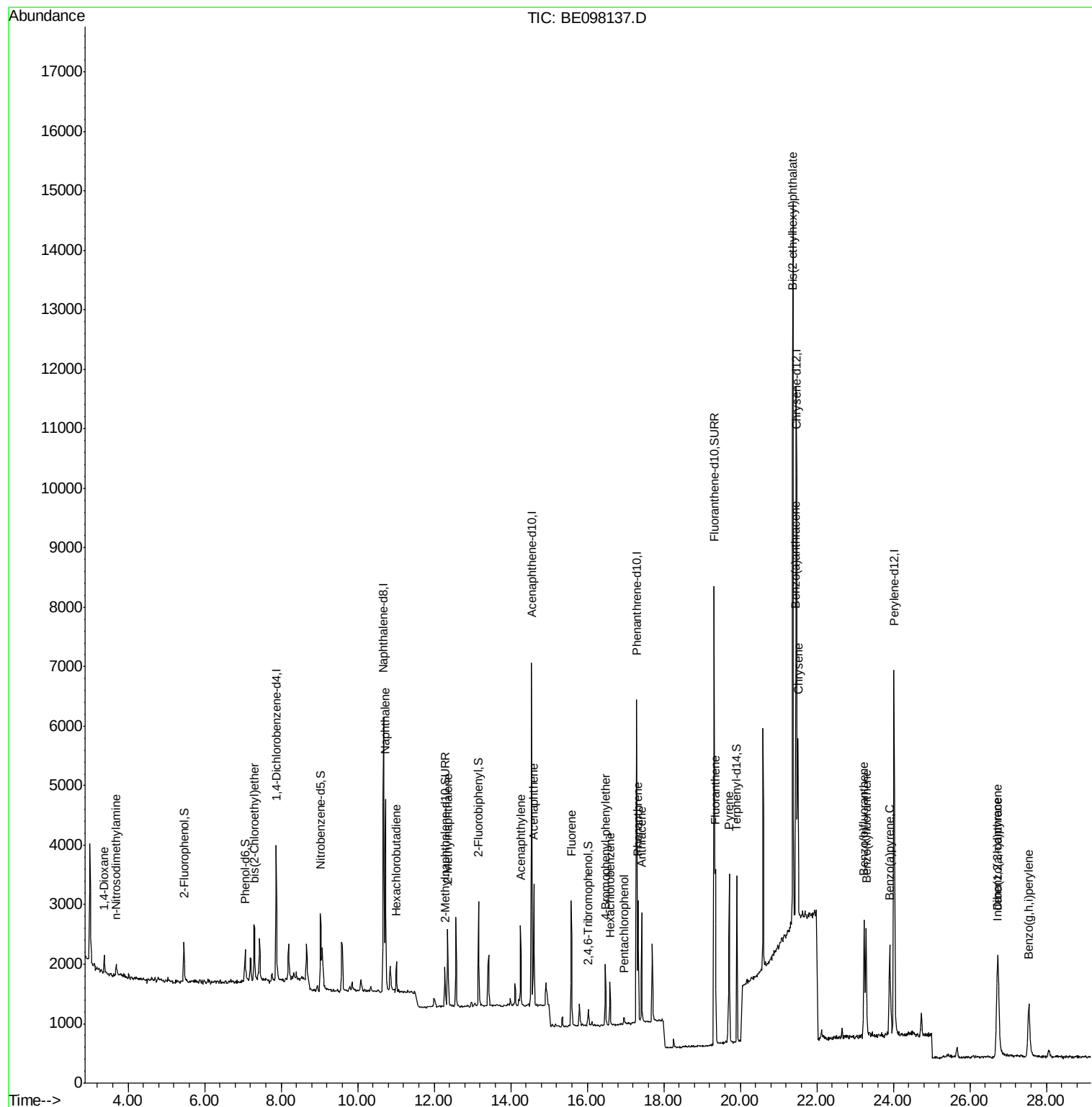
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	182	0.109	ng	# 77
3) n-Nitrosodimethylamine	3.70	42	182	0.082	ng	# 92
6) bis(2-Chloroethyl)ether	7.30	93	413	0.108	ng	96
9) Naphthalene	10.73	128	5297	0.105	ng	# 96
10) Hexachlorobutadiene	11.02	225	338	0.099	ng	94
12) 2-Methylnaphthalene	12.35	142	932	0.102	ng	92
16) Acenaphthylene	14.26	152	1650	0.105	ng	100
17) Acenaphthene	14.60	154	983	0.104	ng	98
18) Fluorene	15.58	166	1317	0.103	ng	98
20) 4-Bromophenyl-phenylether	16.48	248	499	0.102	ng	# 87
21) Hexachlorobenzene	16.59	284	542	0.106	ng	96
22) Pentachlorophenol	16.95	266	103	0.242	ng	# 77
23) Phenanthrene	17.33	178	2049	0.103	ng	96
24) Anthracene	17.42	178	1917	0.098	ng	97
26) Fluoranthene	19.35	202	2538	0.102	ng	97
28) Pyrene	19.71	202	2722	0.105	ng	98
30) Benzo(a)anthracene	21.45	228	2924	0.105	ng	97
31) Chrysene	21.51	228	2841	0.105	ng	95
32) Bis(2-ethylhexyl)phthalate	21.38	149	15928	0.241	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.71	276	1218	0.041	ng	# 85
35) Benzo(b)fluoranthene	23.23	252	2811	0.110	ng	94
36) Benzo(k)fluoranthene	23.29	252	2805	0.106	ng	93
37) Benzo(a)pyrene	23.90	252	2724	0.109	ng	# 92
38) Dibenzo(a,h)anthracene	26.74	278	2360	0.097	ng	# 82
39) Benzo(g,h,i)perylene	27.54	276	2433	0.100	ng	94

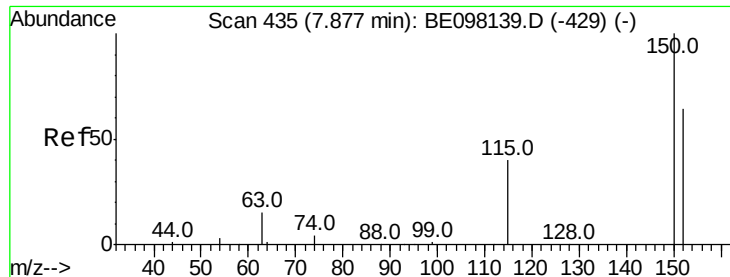
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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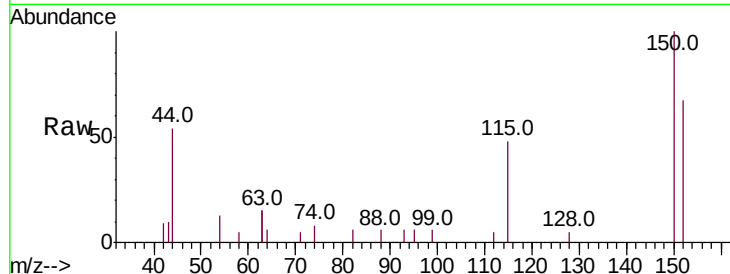


#1

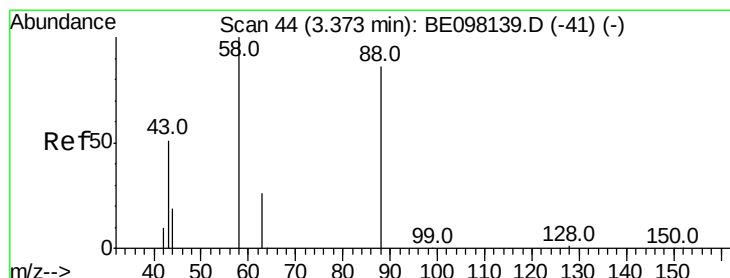
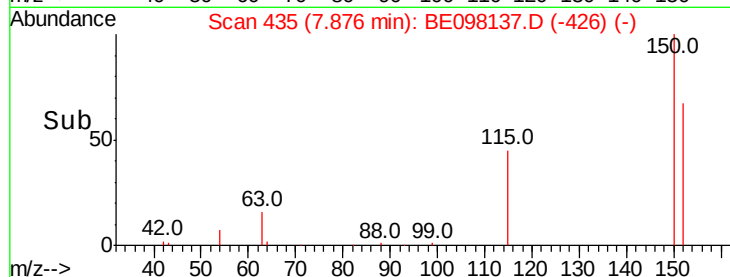
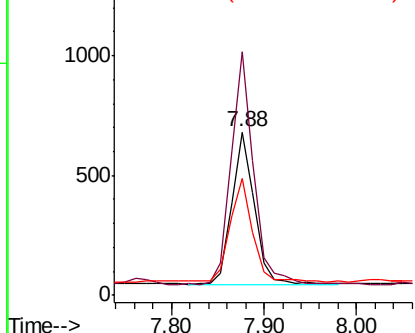
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098137.D
Acq: 1 Nov 2018 9:17

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 1086
Ion Ratio Lower Upper
152 100
150 149.2 118.2 177.4
115 71.5 50.9 76.3



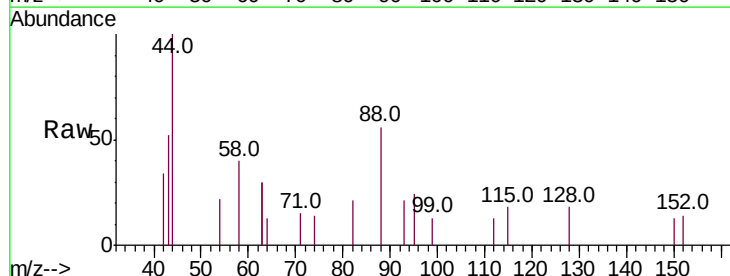
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



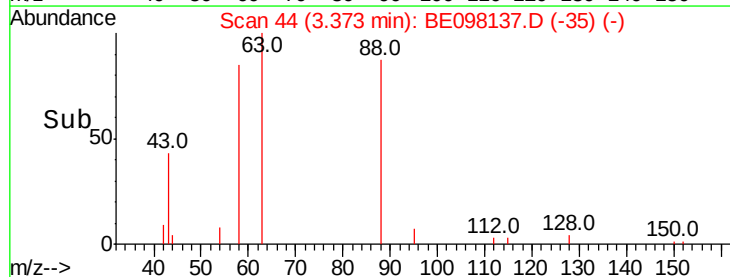
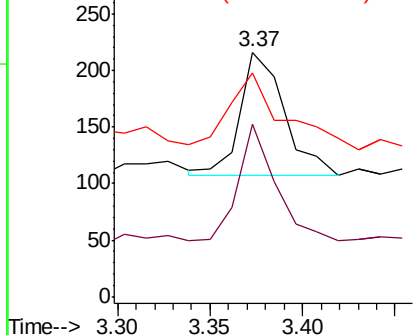
#2

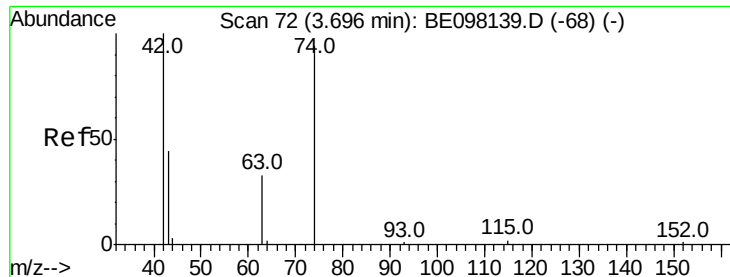
1,4-Dioxane
Concen: 0.109 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098137.D
Acq: 1 Nov 2018 9:17

Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
58 80.8 73.2 109.8
43 76.9 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



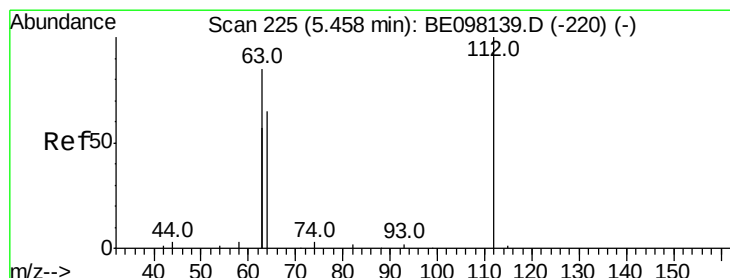
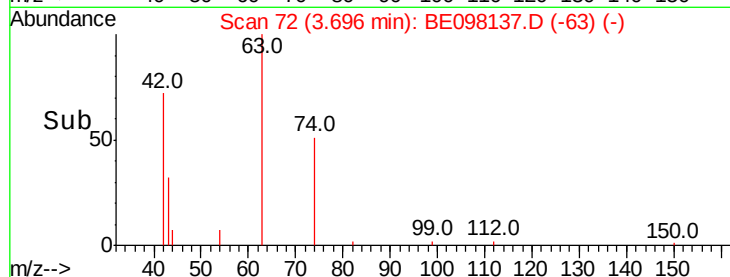
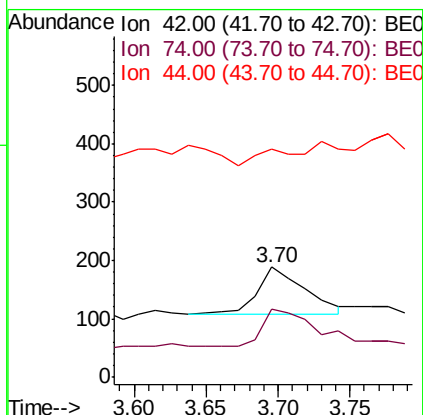
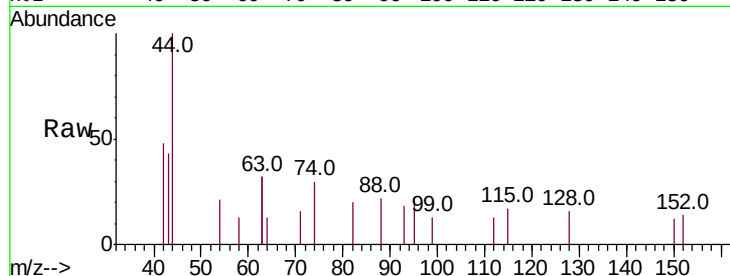


#3

n-Nitrosodimethylamine
 Concen: 0.082 ng
 RT: 3.70 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098137.D
 Acq: 1 Nov 2018 9:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

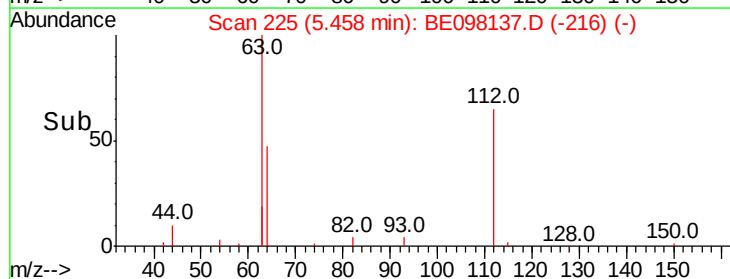
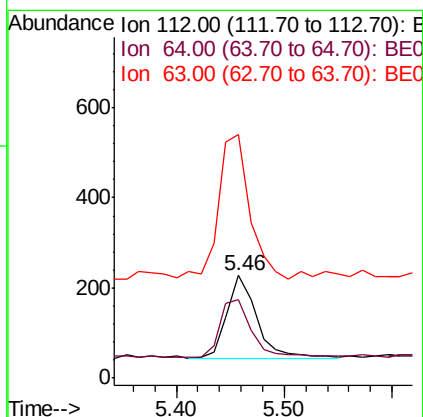
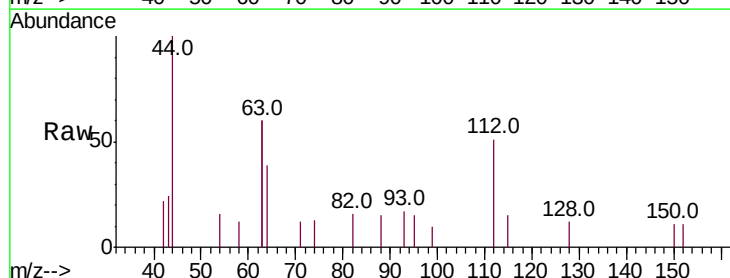
Tot Ion: 42 Resp: 182
 Ion Ratio Lower Upper
 42 100
 74 90.7 77.6 116.4
 44 0.0 7.6 11.4#

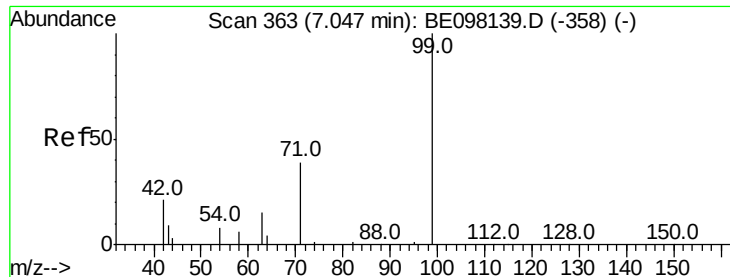


#4

2-Fluorophenol
 Concen: 0.105 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098137.D
 Acq: 1 Nov 2018 9:17

Tgt Ion: 112 Resp: 346
 Ion Ratio Lower Upper
 112 100
 64 74.6 58.9 88.3
 63 184.4 120.3 180.5#





#5

Phenol-d6

Concen: 0.103 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

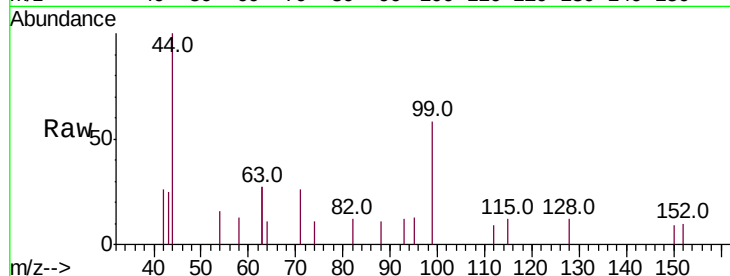
Tot Ion: 99 Resp: 565

Ion Ratio Lower Upper

99 100

42 37.7 19.9 29.9#

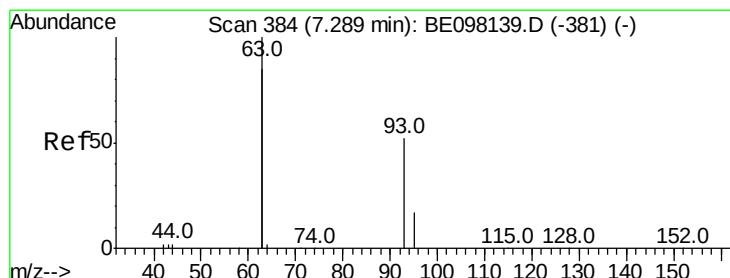
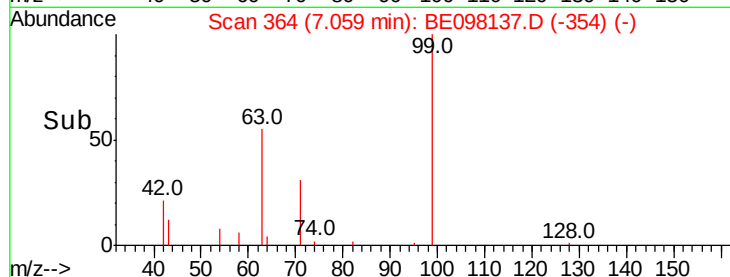
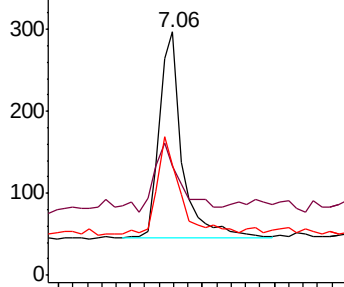
71 46.9 27.8 41.8#



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: 0.108 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

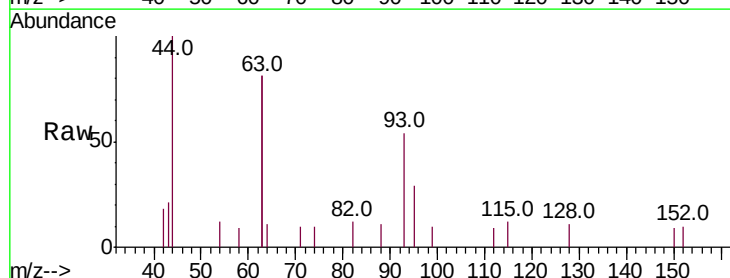
Tgt Ion: 93 Resp: 413

Ion Ratio Lower Upper

93 100

63 315.3 259.0 388.4

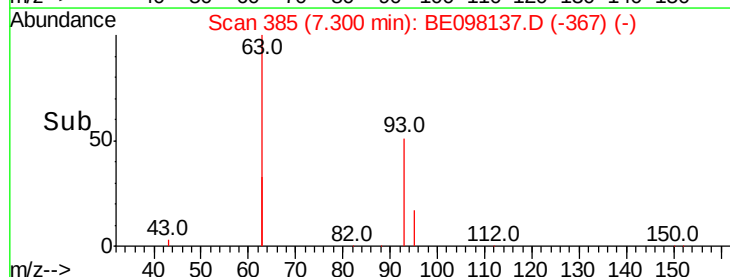
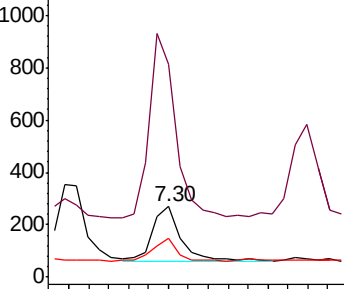
95 37.8 27.8 41.8

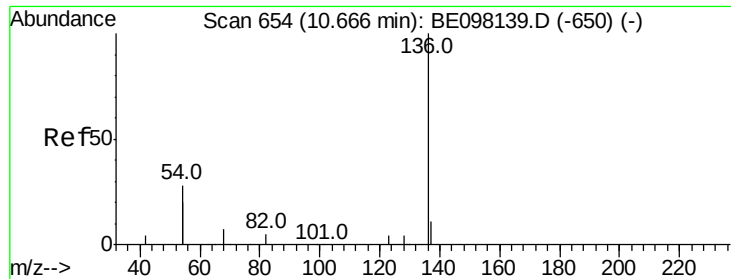


Abundance Ion 93.00 (92.70 to 93.70): BE0

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# 655

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 5071

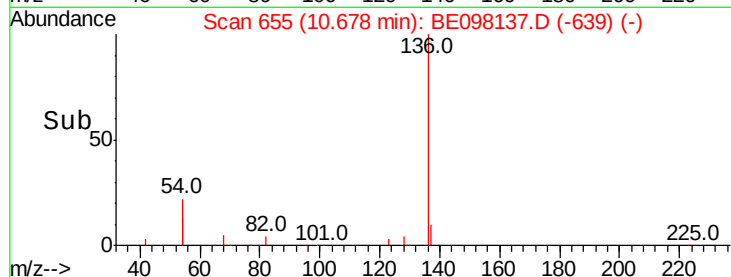
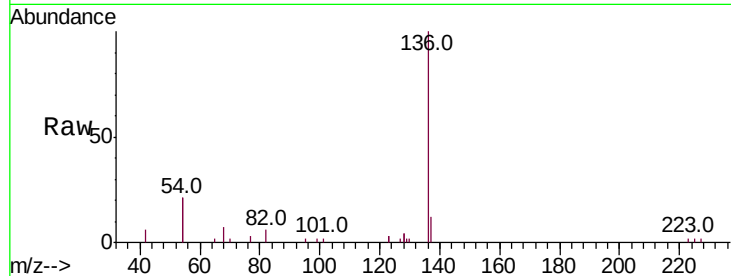
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 42.6 27.7 41.5#

68 7.0 5.3 7.9

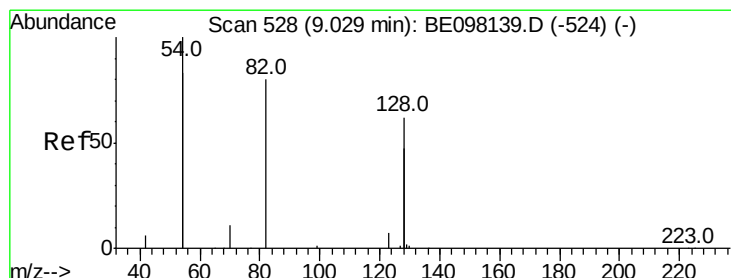
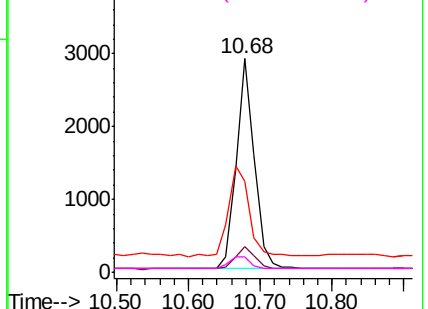


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.108 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

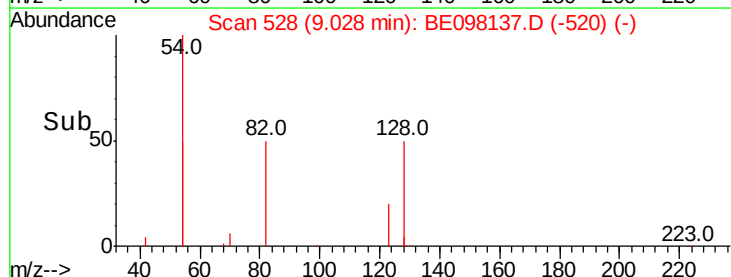
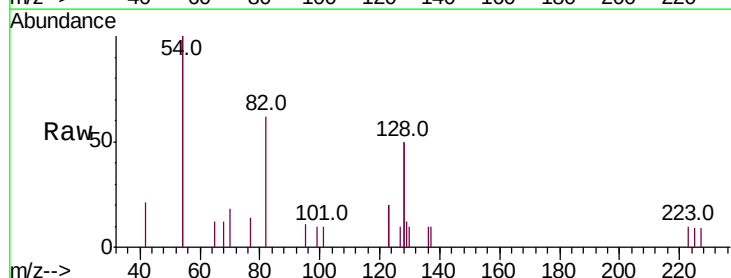
Tgt Ion: 82 Resp: 582

Ion Ratio Lower Upper

82 100

128 160.1 129.9 194.9

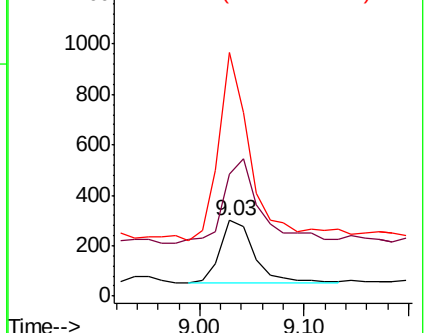
54 320.9 174.0 261.0#

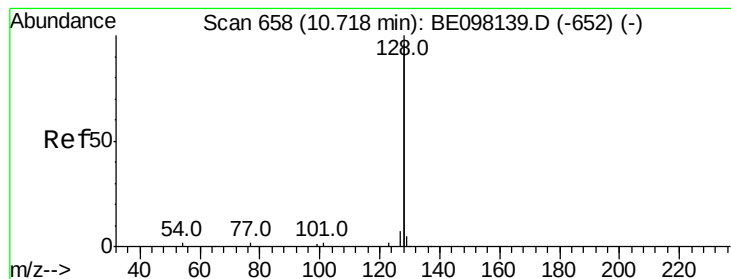


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.105 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

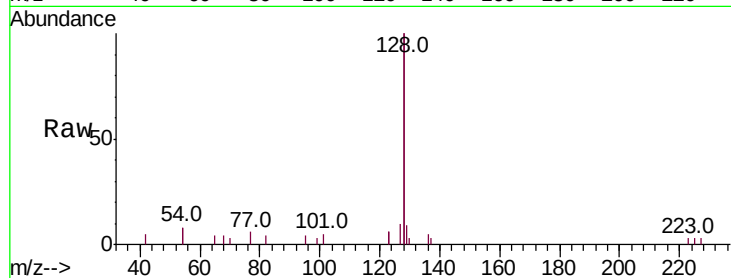
Tot Ion:128 Resp: 5297

Ion Ratio Lower Upper

128 100

129 4.5 2.5 3.7#

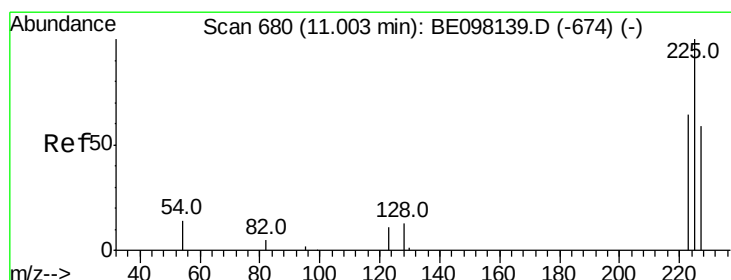
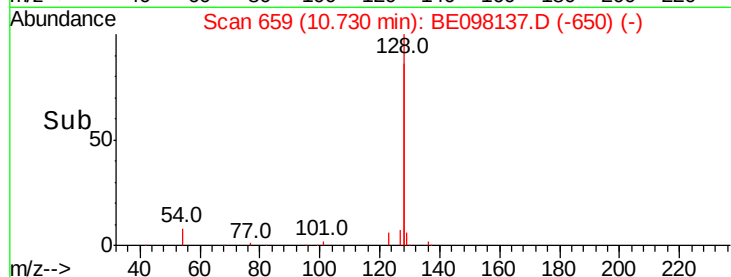
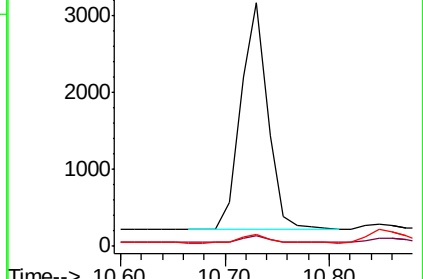
127 4.8 2.8 4.2#



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: 0.099 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

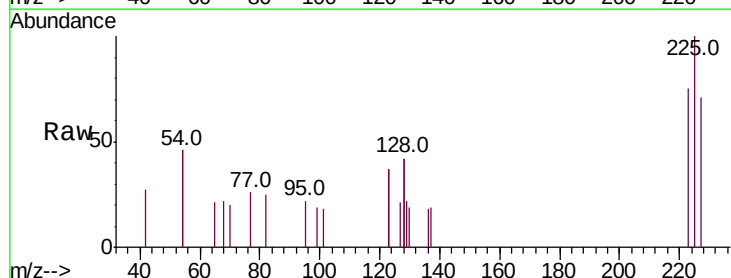
Tgt Ion:225 Resp: 338

Ion Ratio Lower Upper

225 100

223 69.5 51.8 77.8

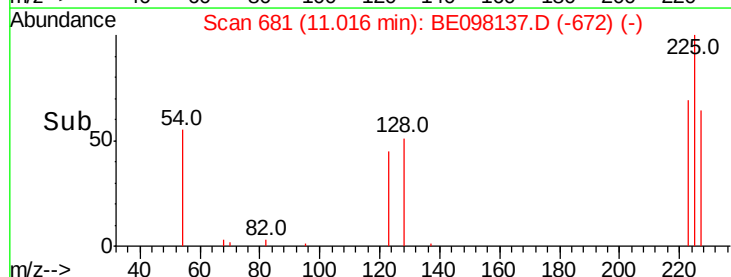
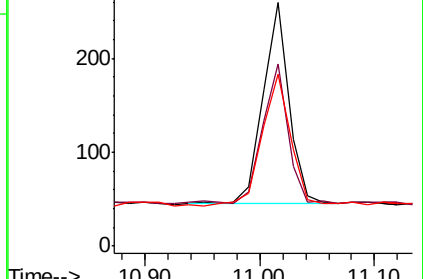
227 71.6 53.0 79.6

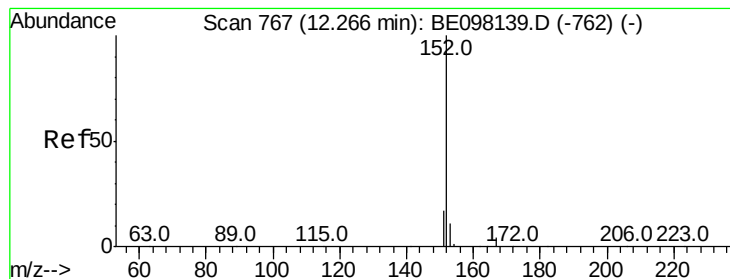


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.103 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

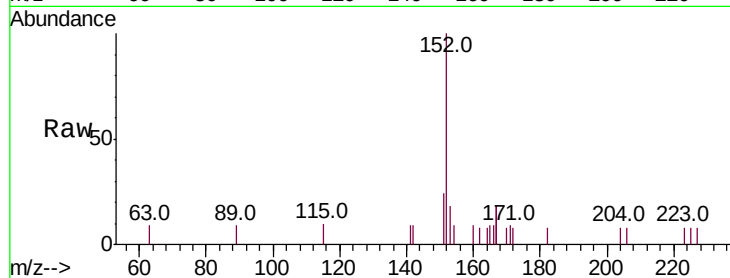
SSTDICC0.1

Tot Ion:152 Resp: 929

Ion Ratio Lower Upper

152 100

151 22.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

600

500

400

300

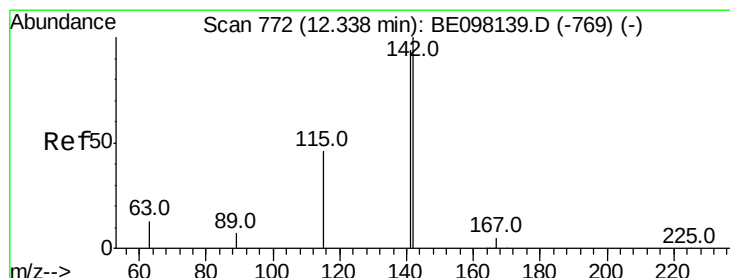
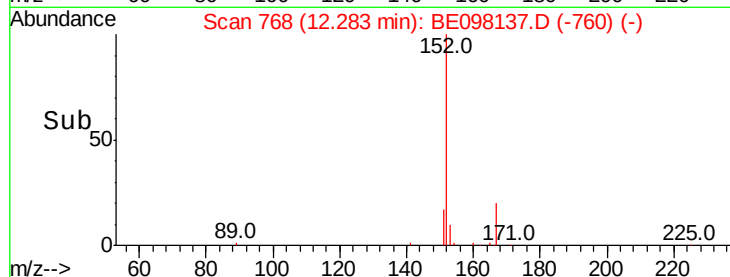
200

100

0

Time-->

12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.102 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.02 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

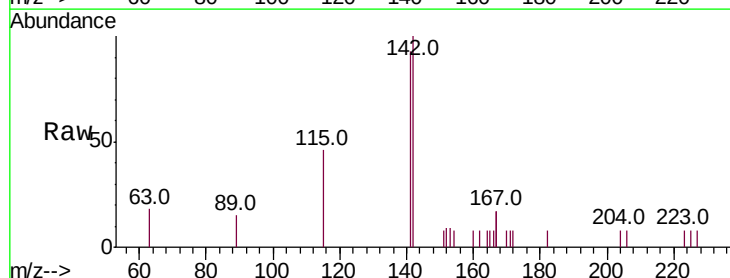
Tgt Ion:142 Resp: 932

Ion Ratio Lower Upper

142 100

141 92.5 69.8 104.6

115 45.6 30.5 45.7



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

800

600

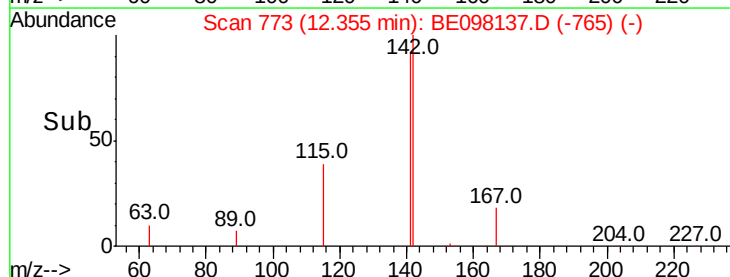
400

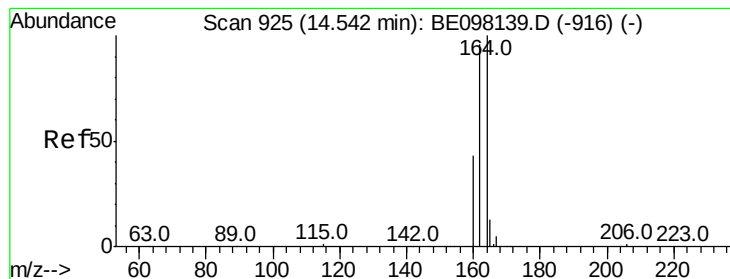
200

0

Time-->

12.25 12.30 12.35 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

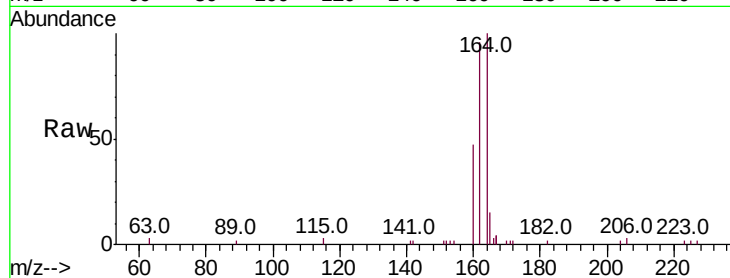
Tot Ion:164 Resp: 3469

Ion Ratio Lower Upper

164 100

162 95.9 77.4 116.2

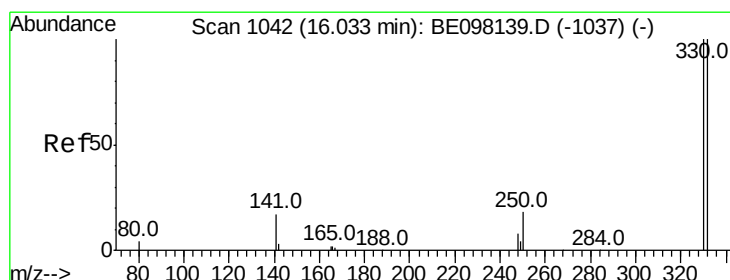
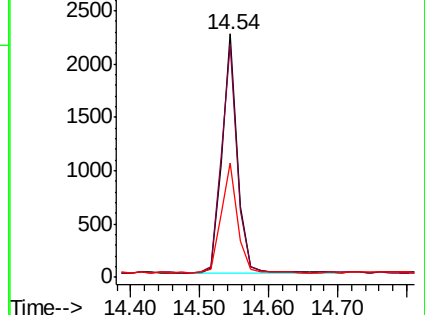
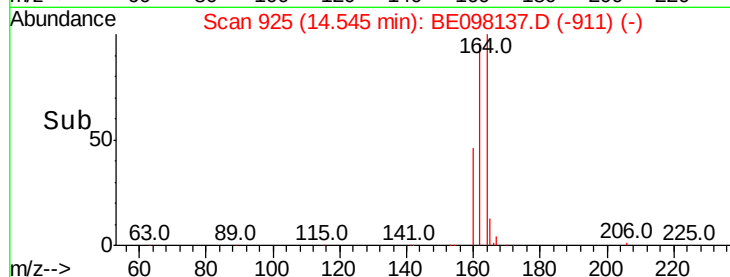
160 47.2 36.5 54.7



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: 0.098 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

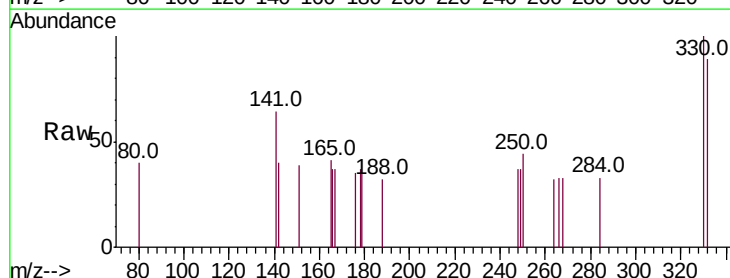
Tgt Ion:330 Resp: 171

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

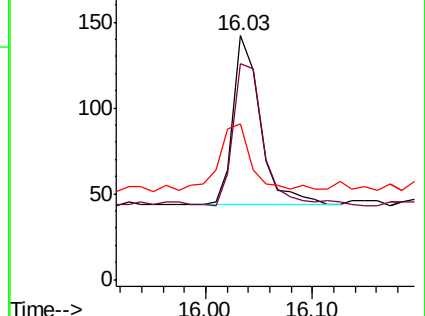
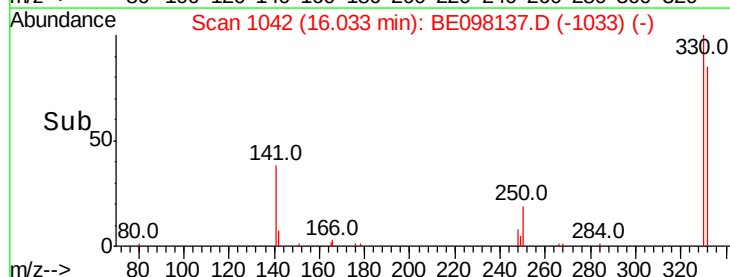
141 48.5 31.8 47.6#

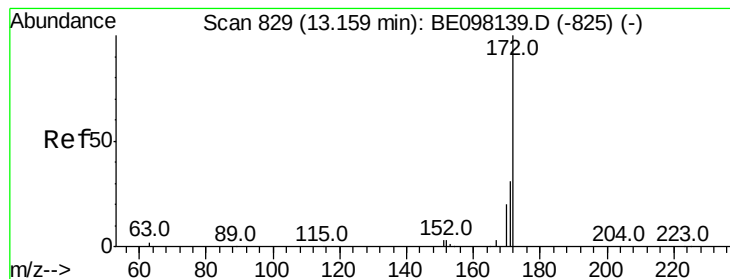


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.118 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

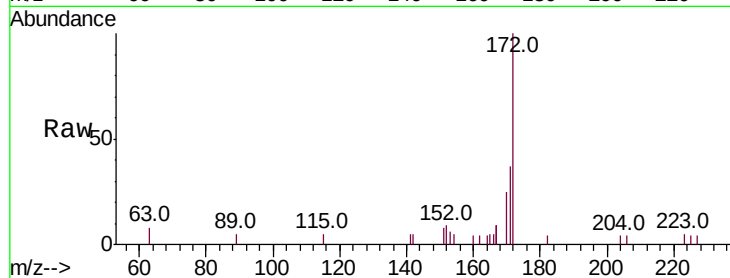
Tot Ion:172 Resp: 1654

Ion Ratio Lower Upper

172 100

171 37.0 26.0 39.0

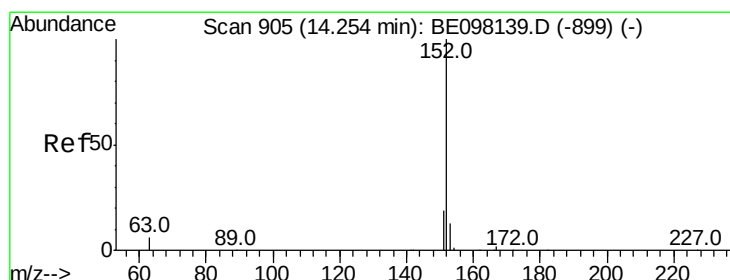
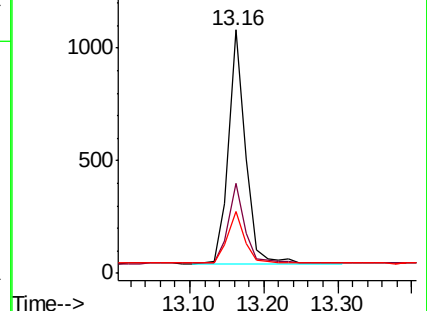
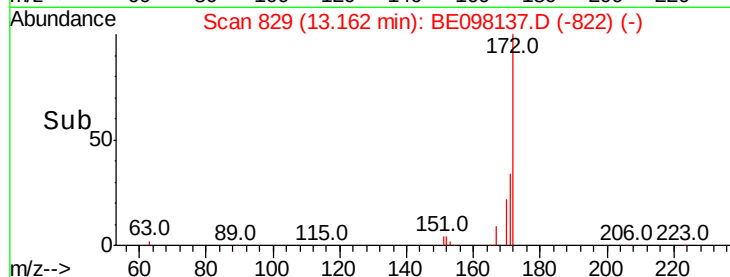
170 25.3 18.0 27.0



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: 0.105 ng

RT: 14.26 min Scan# 905

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

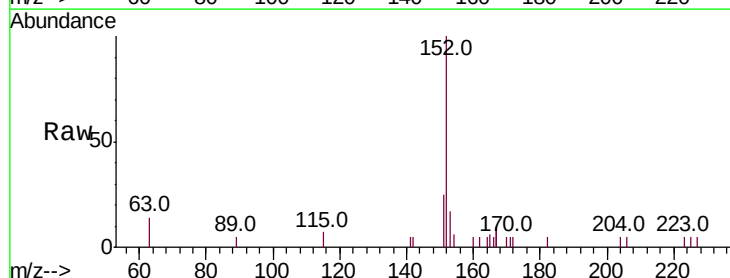
Tgt Ion:152 Resp: 1650

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

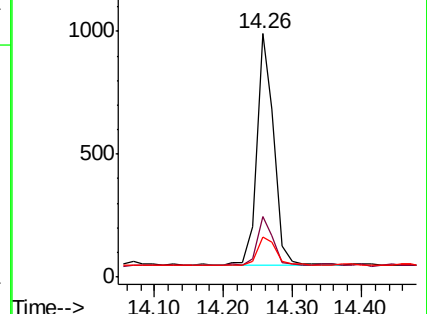
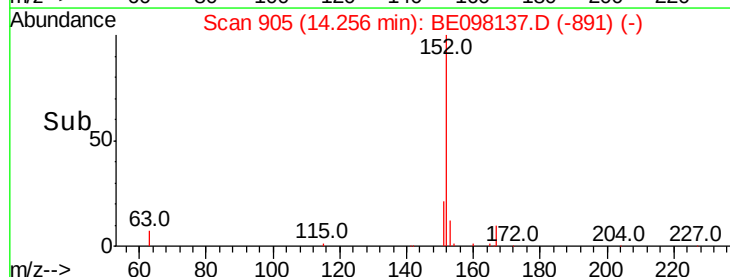
153 13.6 10.9 16.3

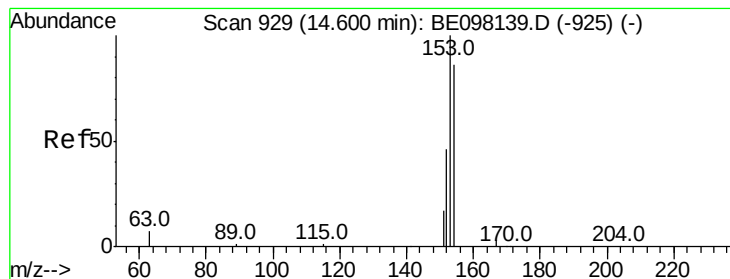


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.104 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

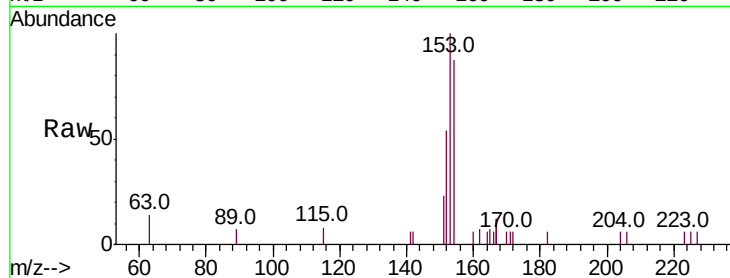
Tot Ion:154 Resp: 983

Ion Ratio Lower Upper

154 100

153 114.0 92.6 139.0

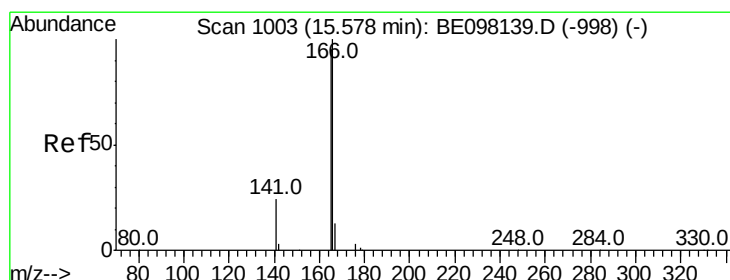
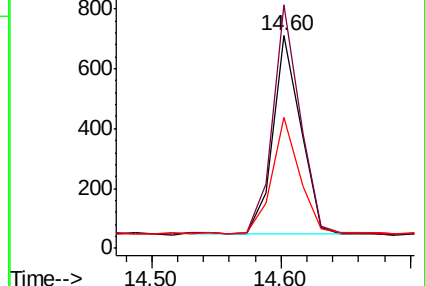
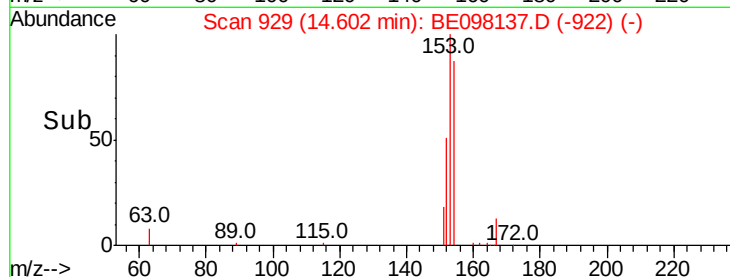
152 59.4 45.5 68.3



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: 0.103 ng

RT: 15.58 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

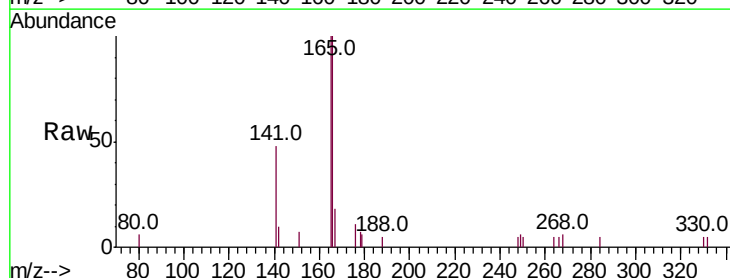
Tgt Ion:166 Resp: 1317

Ion Ratio Lower Upper

166 100

165 96.5 78.2 117.4

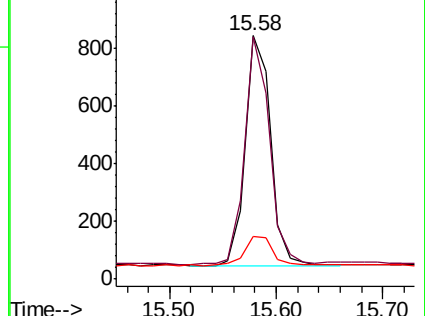
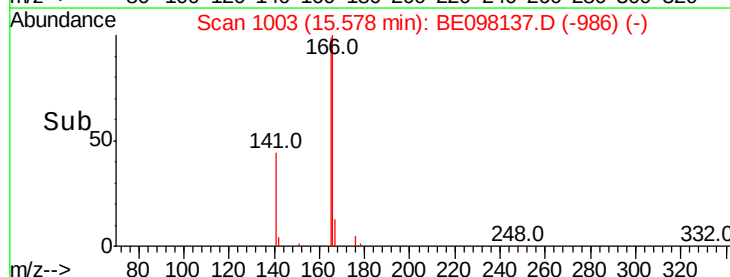
167 15.8 11.0 16.6

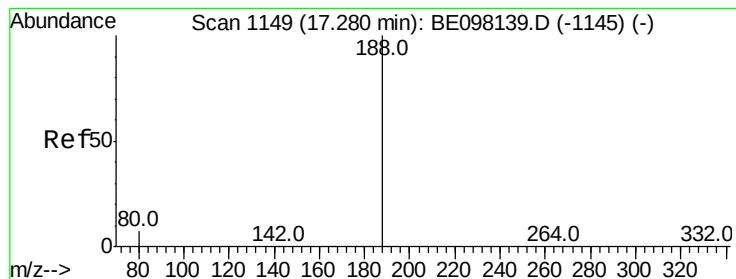


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1150

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

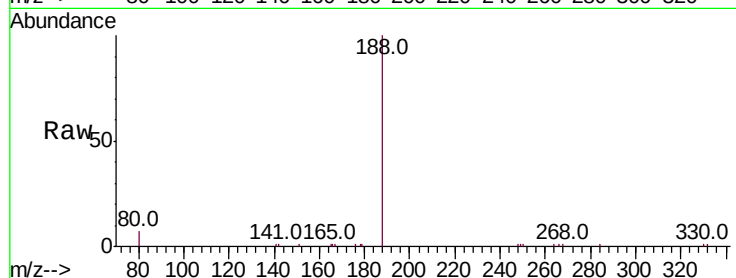
Tot Ion:188 Resp: 8125

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

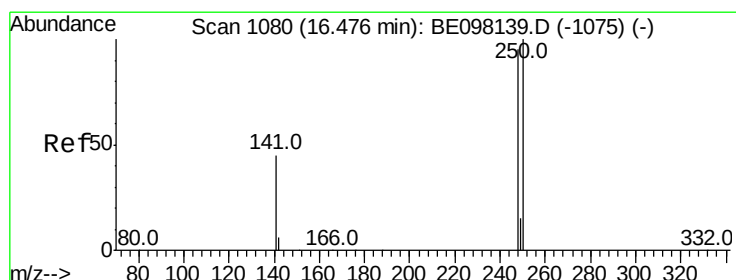
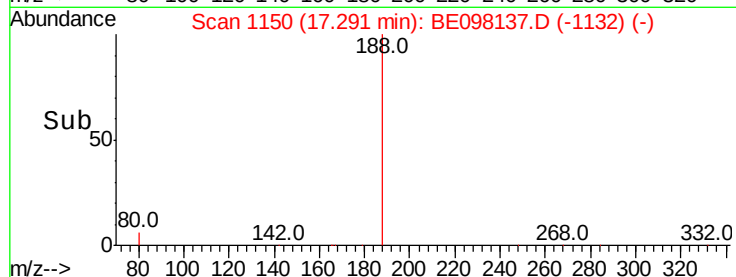
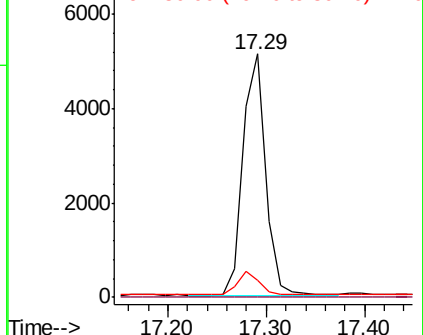
80 7.0 6.3 9.5



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: 0.102 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

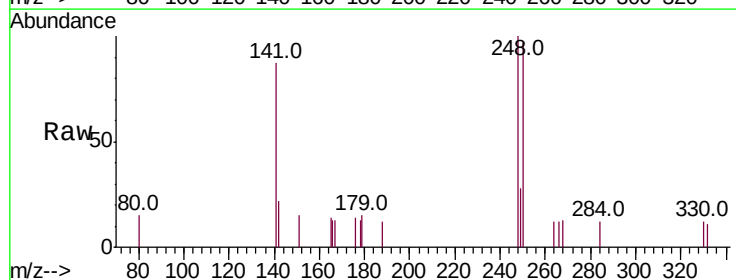
Tgt Ion:248 Resp: 499

Ion Ratio Lower Upper

248 100

250 97.1 75.1 112.7

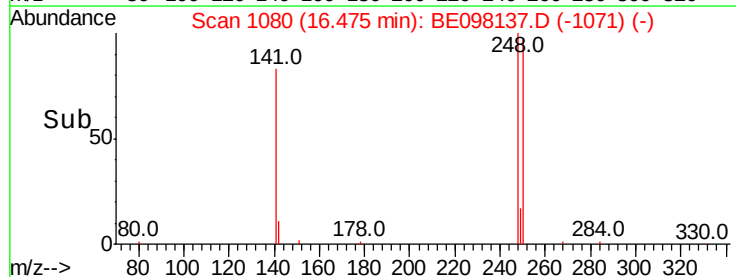
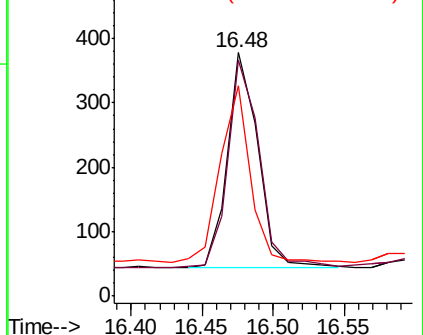
141 86.5 51.8 77.8#

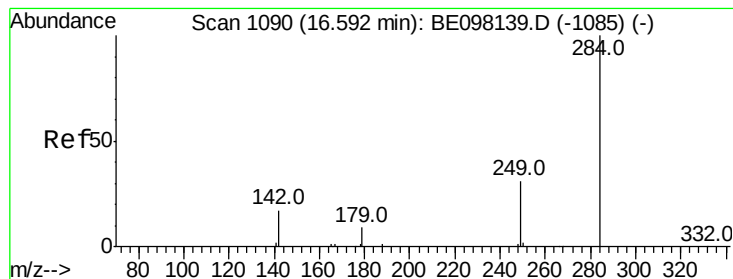


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.106 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

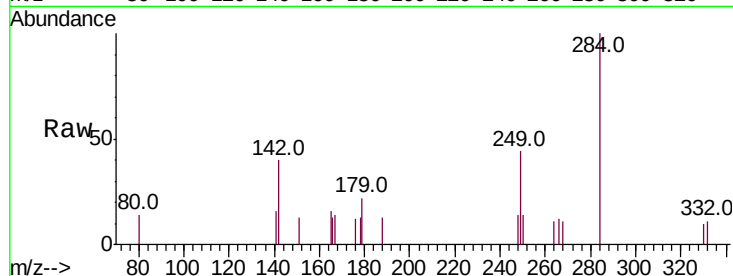
Tot Ion:284 Resp: 542

Ion Ratio Lower Upper

284 100

142 33.9 25.9 38.9

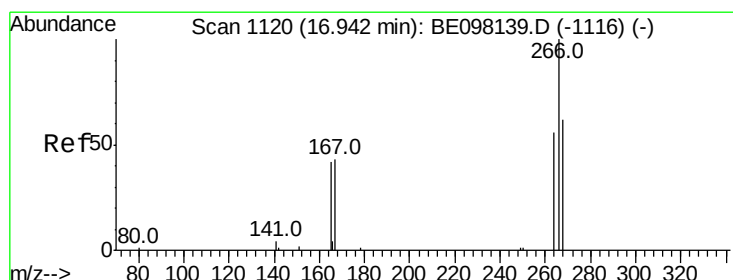
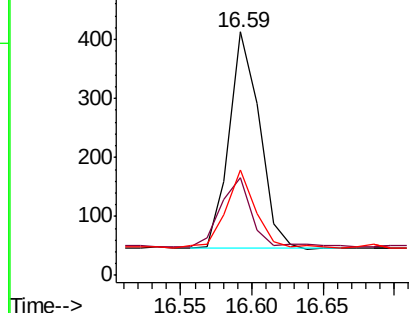
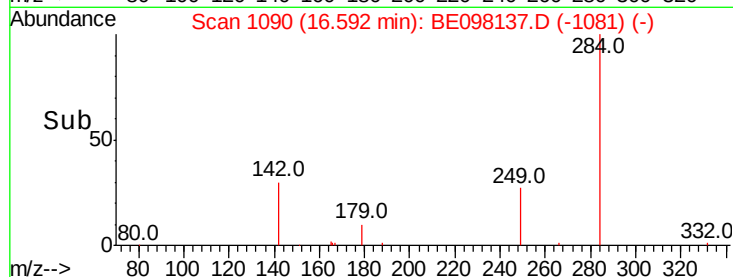
249 36.7 26.6 40.0



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: 0.242 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

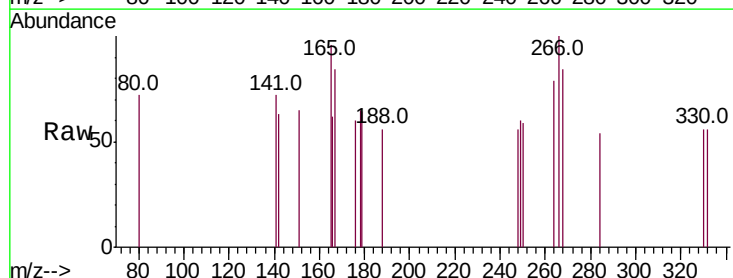
Tgt Ion:266 Resp: 103

Ion Ratio Lower Upper

266 100

264 79.0 51.3 76.9#

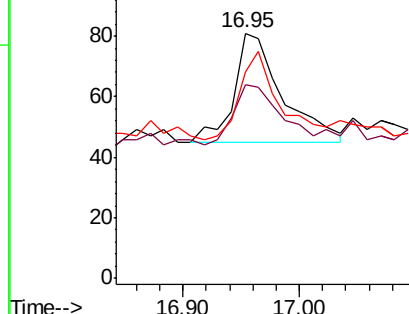
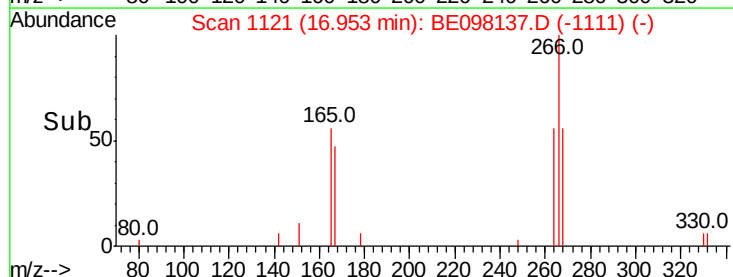
268 84.0 50.1 75.1#

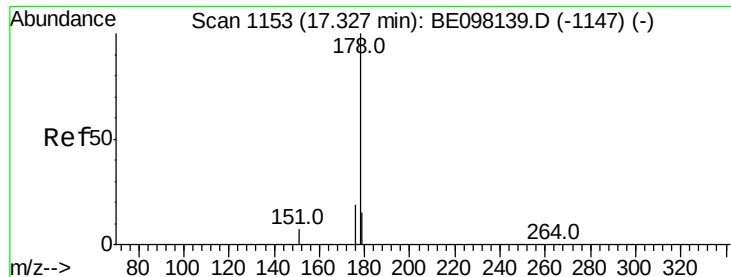


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.103 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

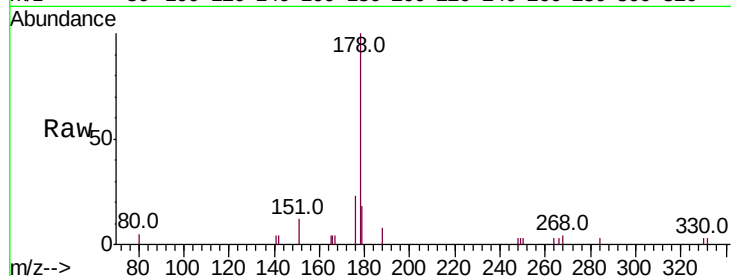
Tot Ion:178 Resp: 2049

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

179 17.9 12.2 18.4

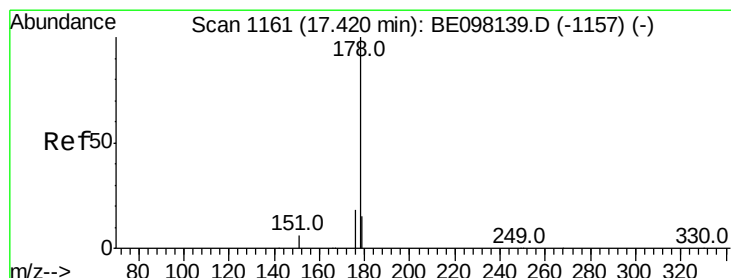
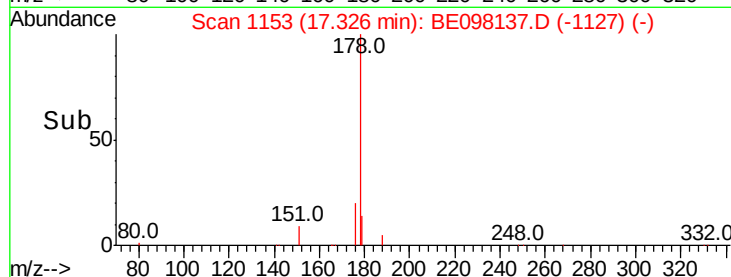
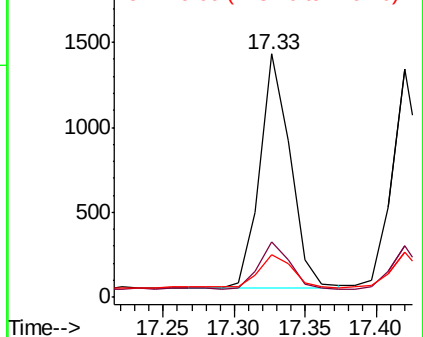


Abundance

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: 0.098 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

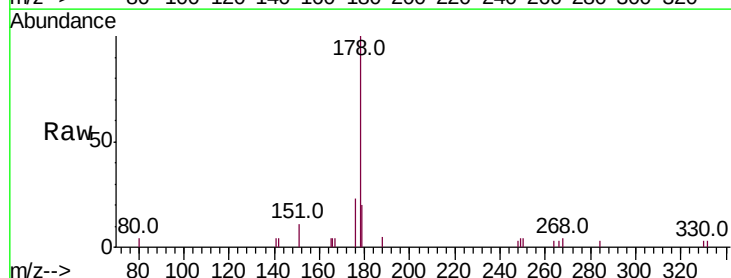
Tgt Ion:178 Resp: 1917

Ion Ratio Lower Upper

178 100

176 19.8 14.9 22.3

179 16.8 11.9 17.9

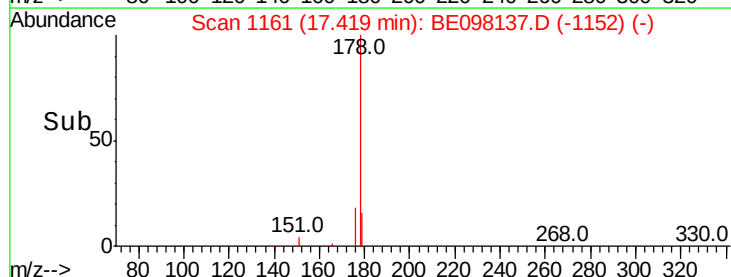
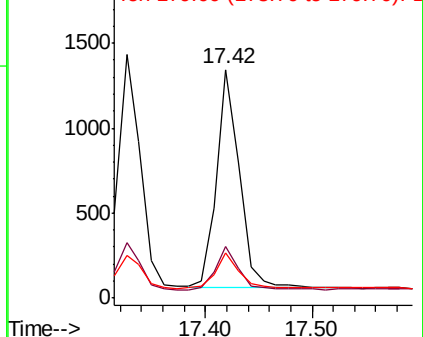


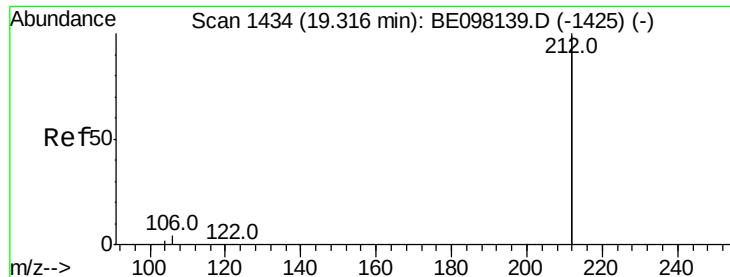
Abundance

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: 0.103 ng

RT: 19.32 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

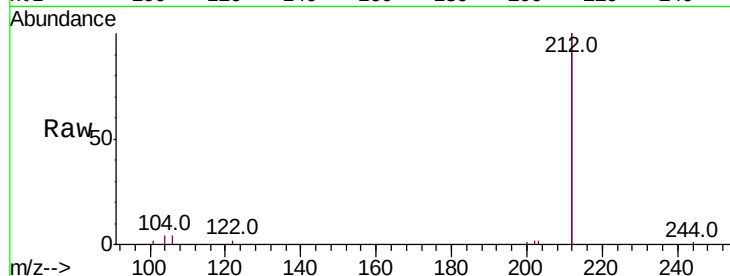
Tot Ion:212 Resp: 10763

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

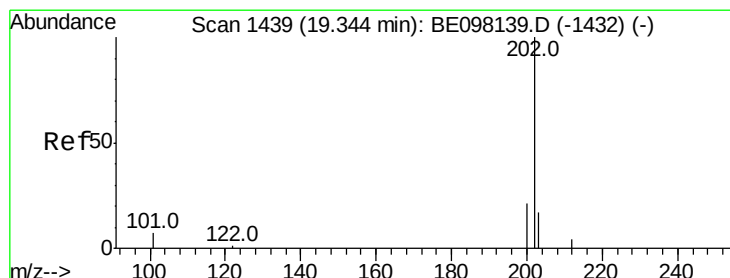
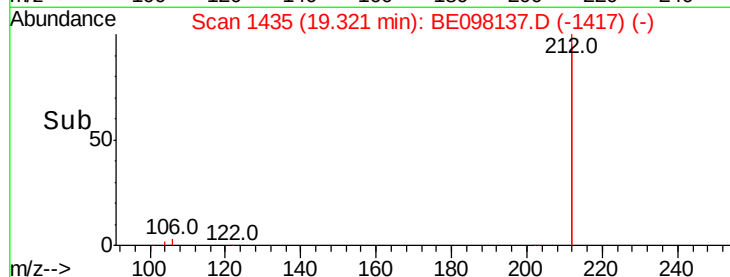
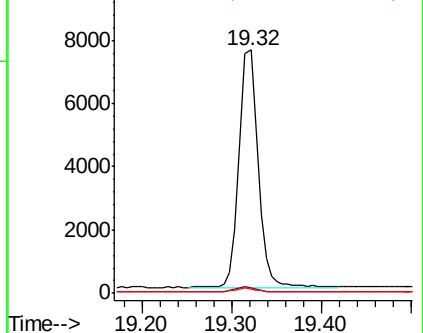
104 1.4 1.3 1.9



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: 0.102 ng

RT: 19.35 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

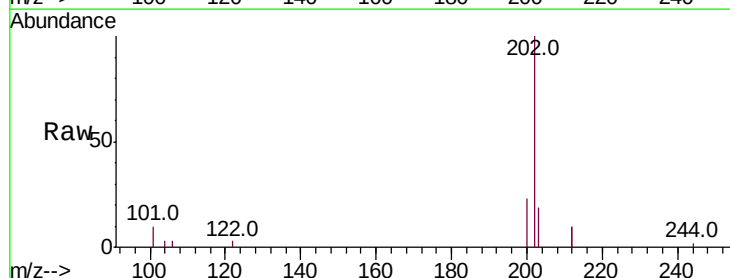
Tgt Ion:202 Resp: 2538

Ion Ratio Lower Upper

202 100

101 8.4 8.2 12.2

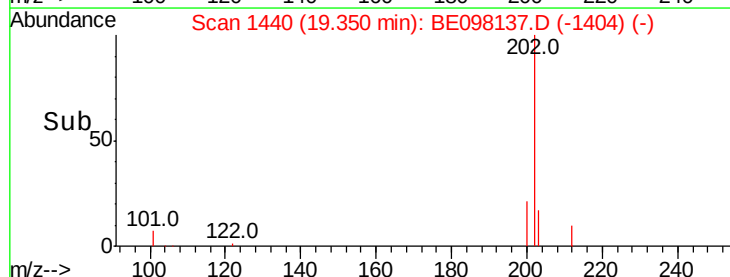
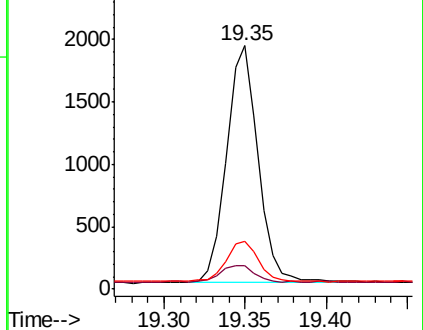
203 17.6 15.0 22.4

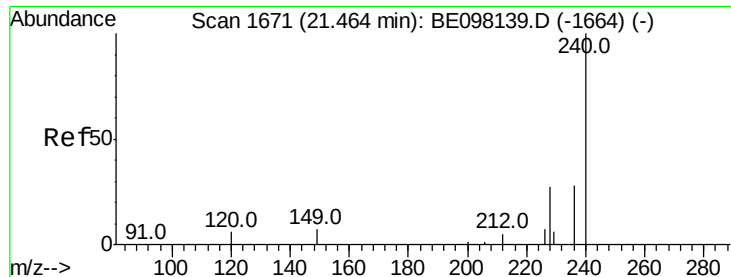


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1672

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

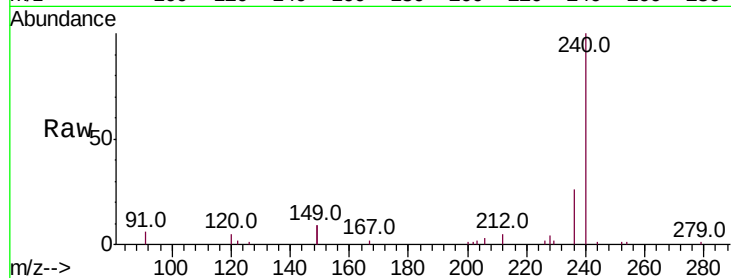
Tot Ion:240 Resp: 9408

Ion Ratio Lower Upper

240 100

120 4.7 7.1 10.7#

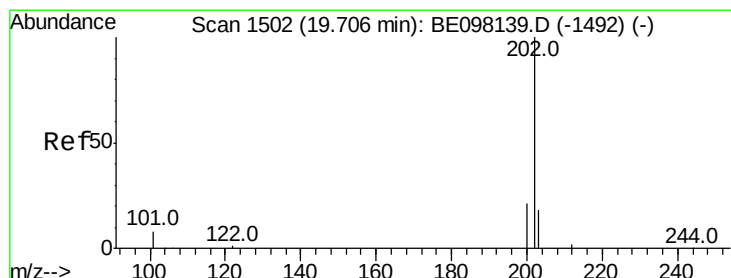
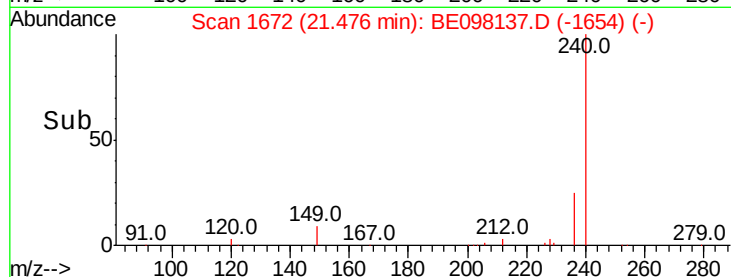
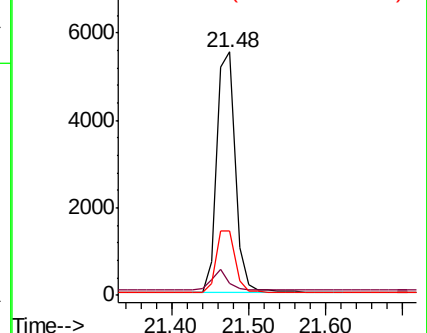
236 26.3 21.3 31.9



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: 0.105 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

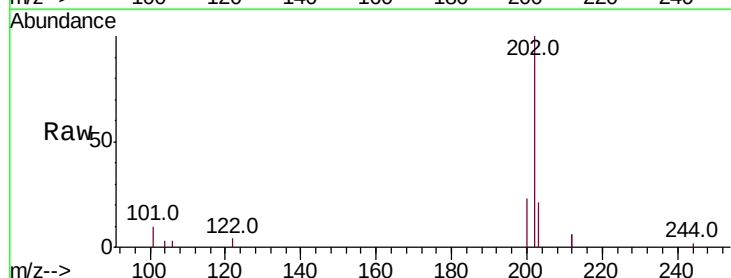
Tgt Ion:202 Resp: 2722

Ion Ratio Lower Upper

202 100

200 21.9 17.0 25.4

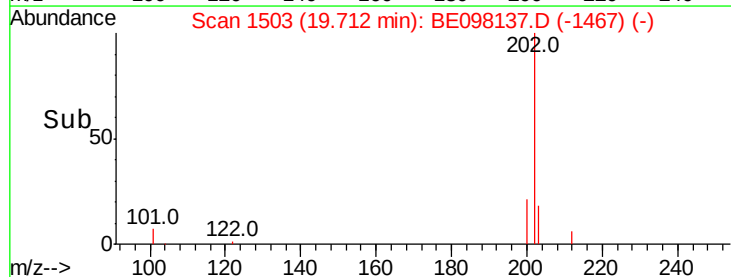
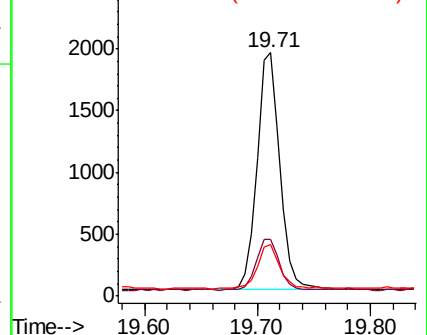
203 18.8 14.2 21.4

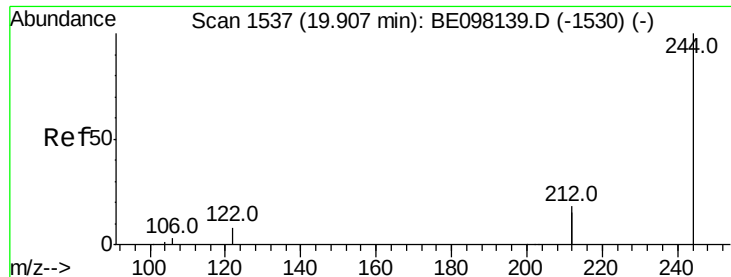


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.110 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

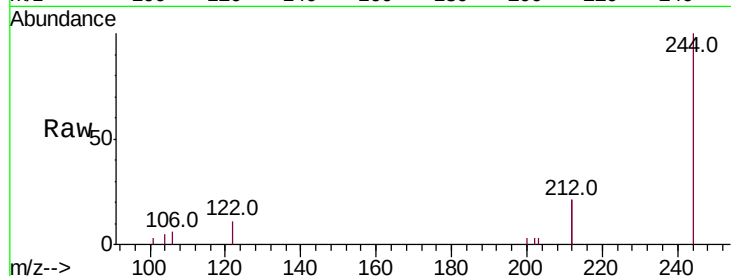
Tot Ion:244 Resp: 2434

Ion Ratio Lower Upper

244 100

212 42.0 26.2 39.2#

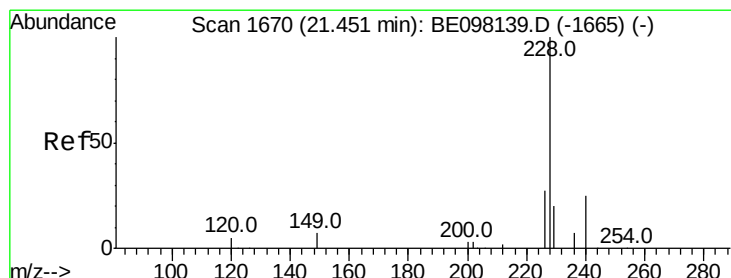
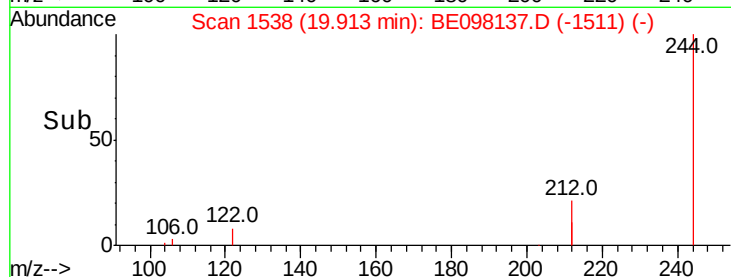
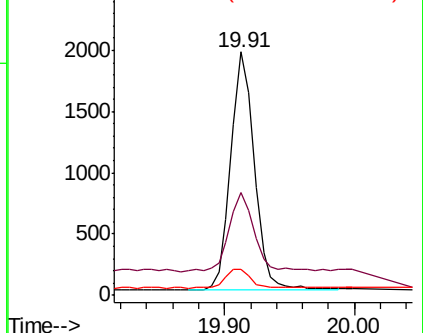
122 10.9 7.7 11.5



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: 0.105 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

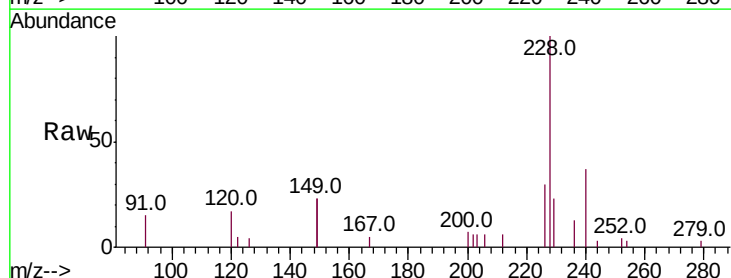
Tgt Ion:228 Resp: 2924

Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

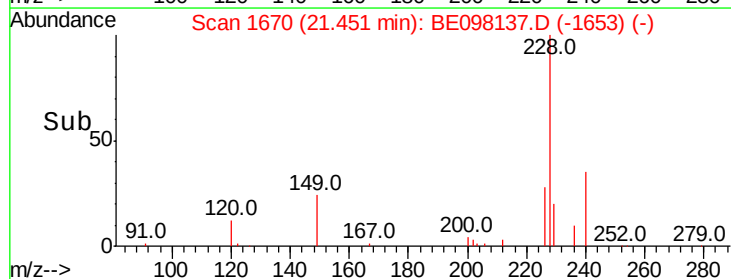
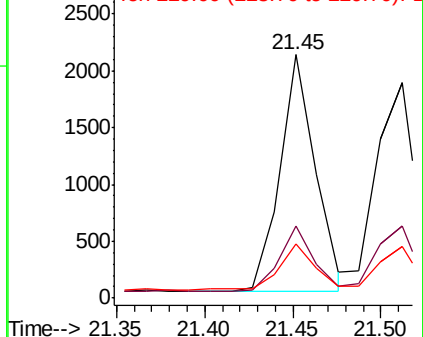
229 22.5 16.9 25.3

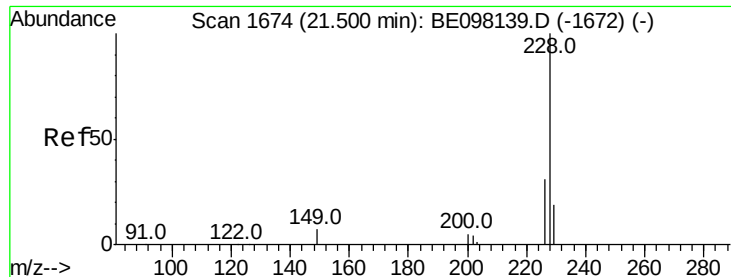


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.105 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

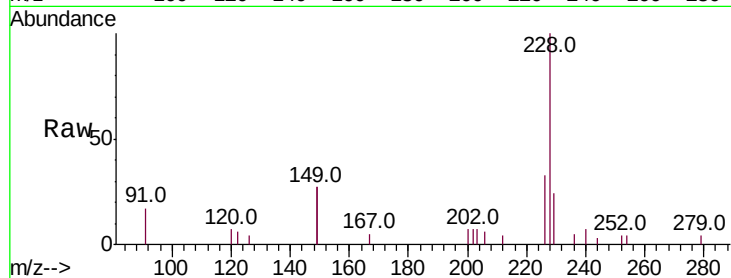
Tot Ion:228 Resp: 2841

Ion Ratio Lower Upper

228 100

226 33.4 24.3 36.5

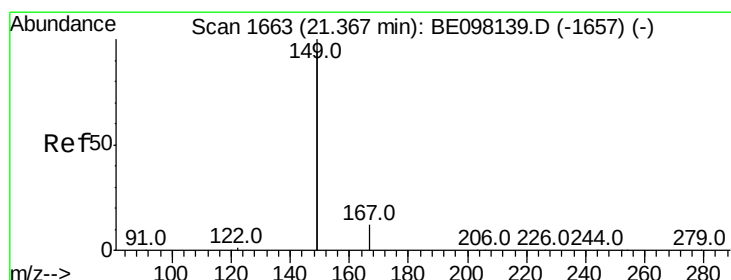
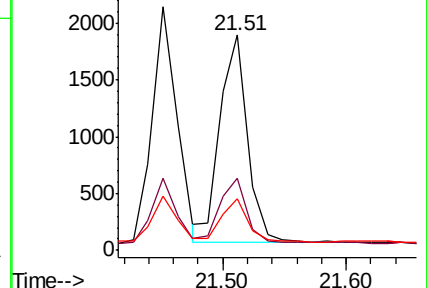
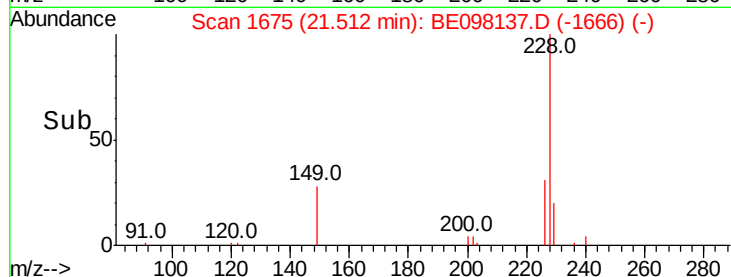
229 24.0 17.3 25.9



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: 0.241 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

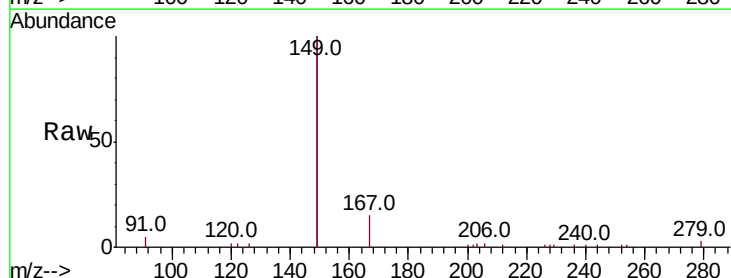
Tgt Ion:149 Resp: 15928

Ion Ratio Lower Upper

149 100

167 6.5 5.6 8.4

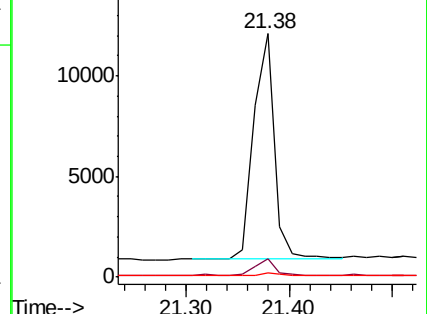
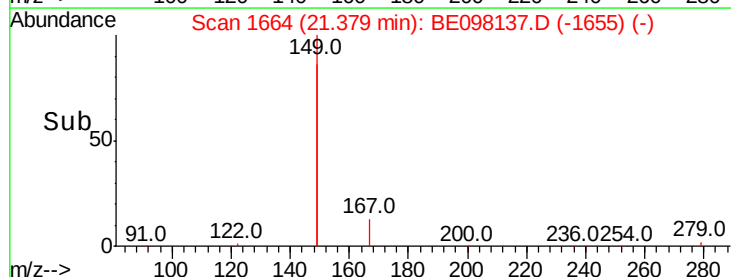
279 1.4 0.9 1.3#

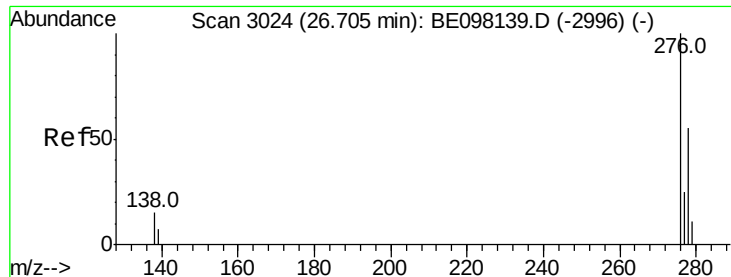


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.041 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

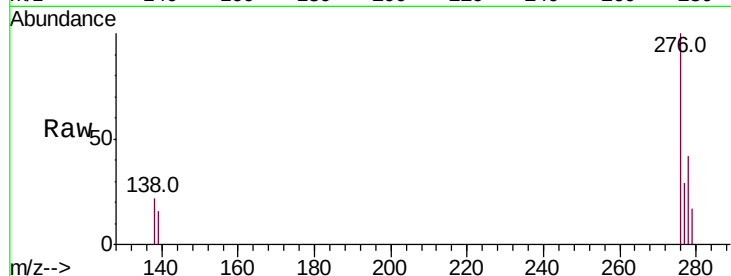
Tot Ion:276 Resp: 1218

Ion Ratio Lower Upper

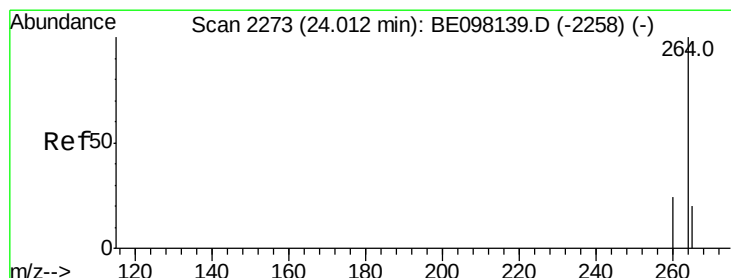
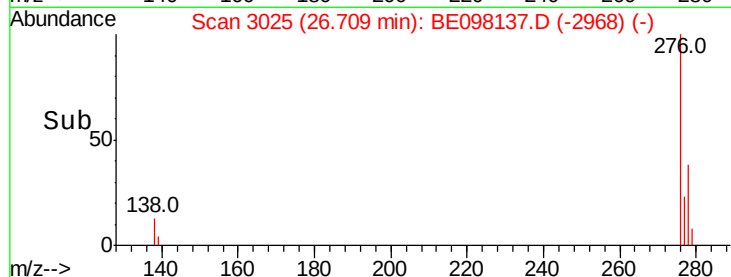
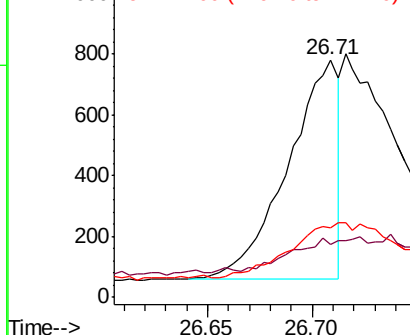
276 100

138 11.7 17.0 25.6#

277 30.5 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: 24.02 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

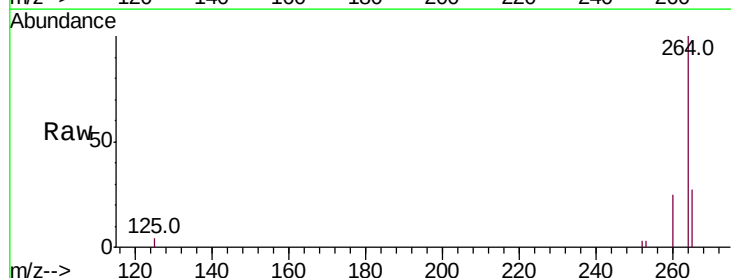
Tgt Ion:264 Resp: 9188

Ion Ratio Lower Upper

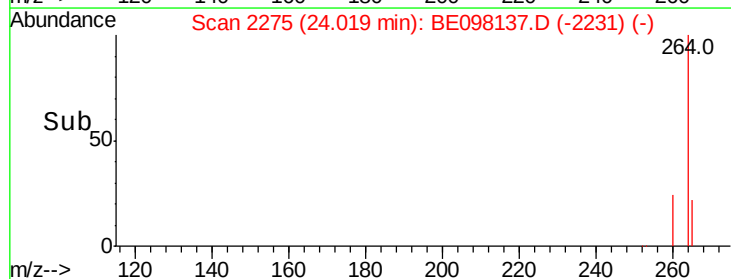
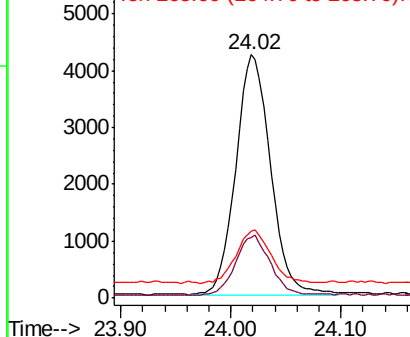
264 100

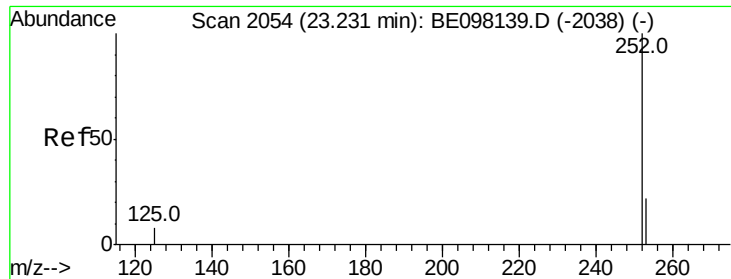
260 25.1 21.1 31.7

265 27.4 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: 0.110 ng

RT: 23.23 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

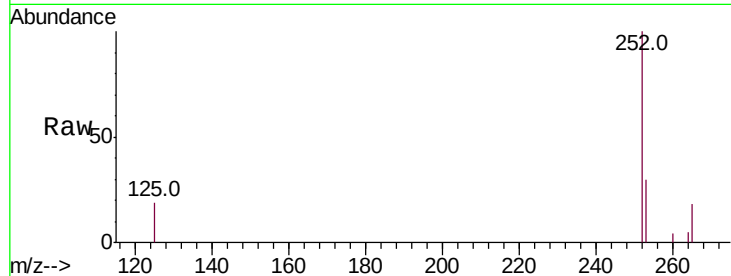
Tot Ion:252 Resp: 2811

Ion Ratio Lower Upper

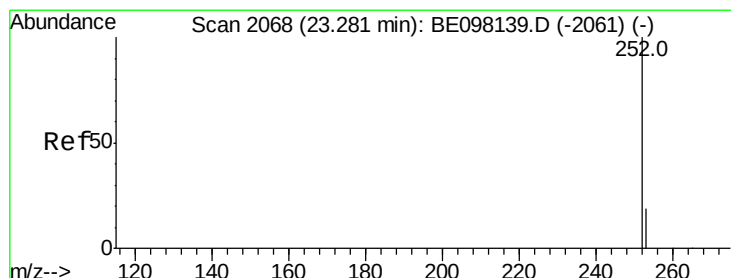
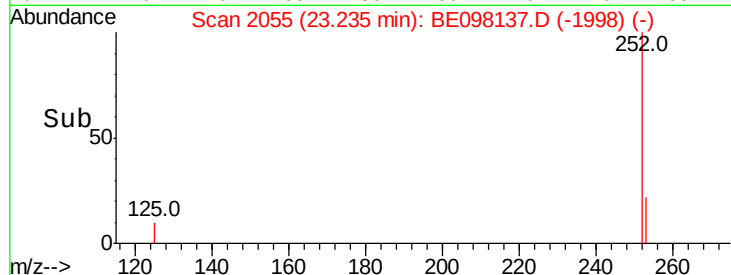
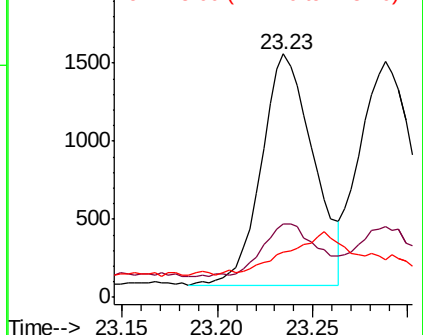
252 100

253 29.9 20.6 31.0

125 18.7 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: 0.106 ng

RT: 23.29 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

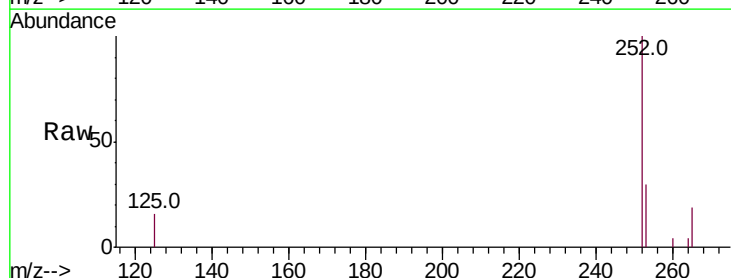
Tgt Ion:252 Resp: 2805

Ion Ratio Lower Upper

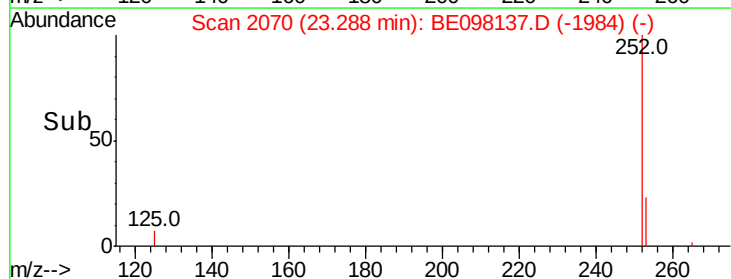
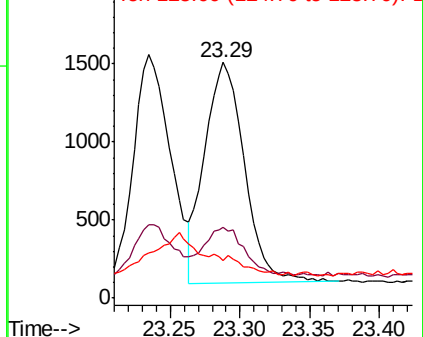
252 100

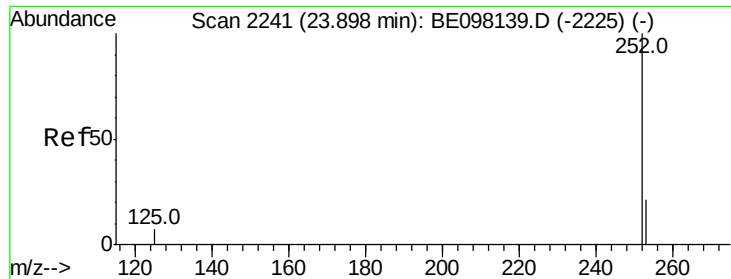
253 30.0 20.4 30.6

125 16.1 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: 0.109 ng

RT: 23.90 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

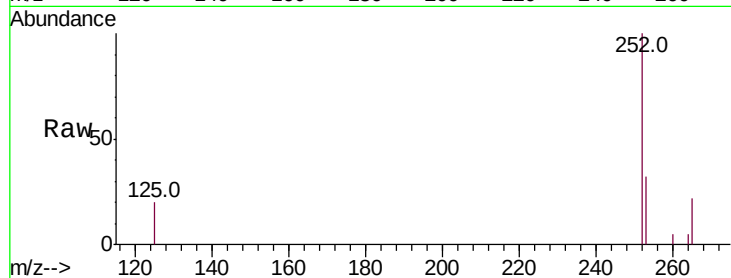
Tot Ion:252 Resp: 2724

Ion Ratio Lower Upper

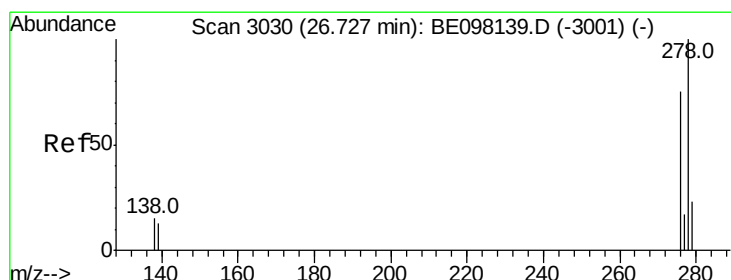
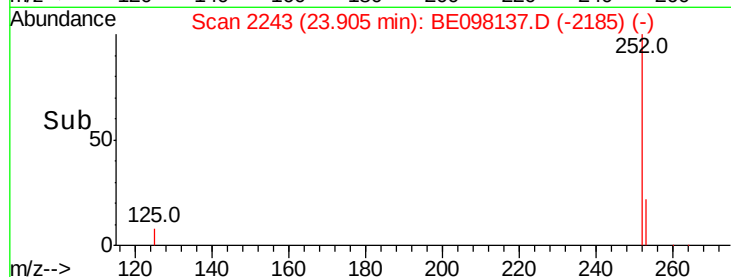
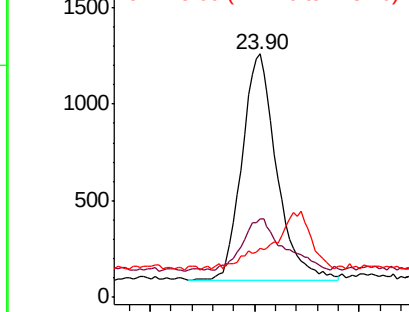
252 100

253 32.1 20.6 31.0#

125 20.0 15.6 23.4



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: 0.097 ng

RT: 26.74 min Scan# 3033

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

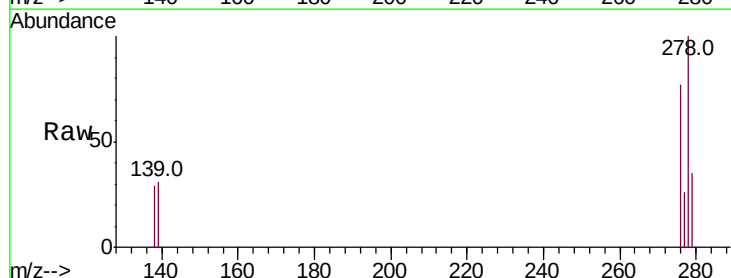
Tgt Ion:278 Resp: 2360

Ion Ratio Lower Upper

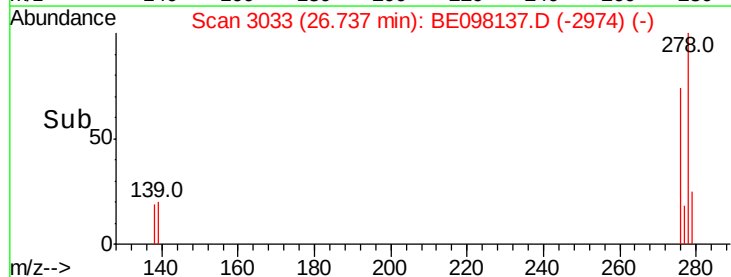
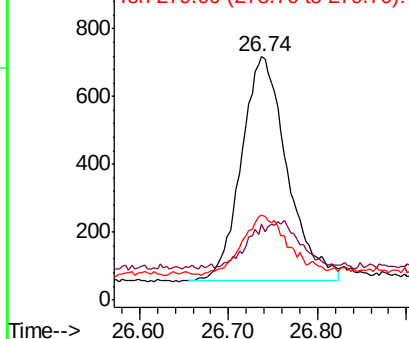
278 100

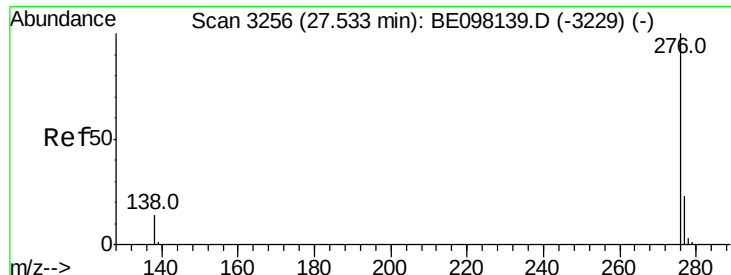
139 30.9 16.3 24.5#

279 34.7 21.4 32.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.100 ng

RT: 27.54 min Scan# 3258

Delta R.T. 0.01 min

Lab File: BE098137.D

Acq: 1 Nov 2018 9:17

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

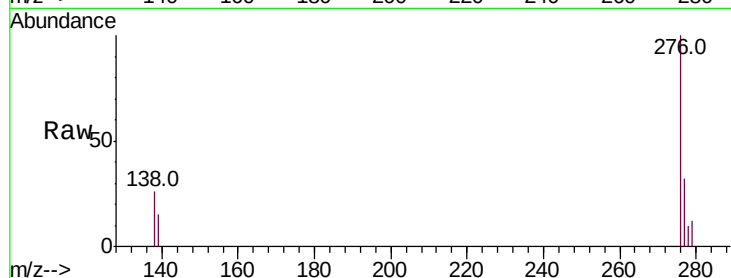
Tot Ion:276 Resp: 2433

Ion Ratio Lower Upper

276 100

277 32.0 22.1 33.1

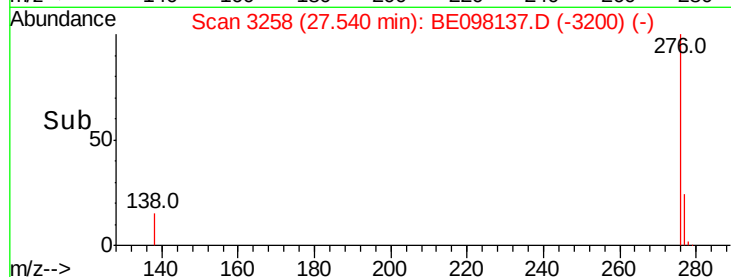
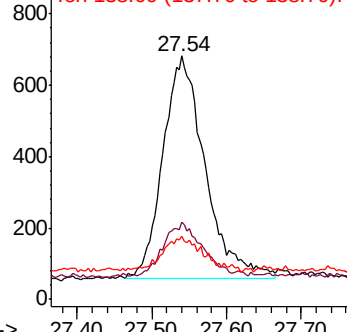
138 26.0 19.3 28.9



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



Time-->