

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110118\
 Data File : BE098138.D
 Acq On : 1 Nov 2018 9:53
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Nov 01 11:21:06 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	7.87	152	978	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5008	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3418	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8044	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9147	0.40	ng	0.00
34) Perylene-d12	24.02	264	9094	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	625	0.21	ng	0.00
5) Phenol-d6	7.04	99	1007	0.20	ng	0.00
8) Nitrobenzene-d5	9.03	82	1070	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	1783	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	351	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	3080	0.22	ng	0.00
25) Fluoranthene-d10	19.32	212	21079	0.20	ng	0.00
29) Terphenyl-d14	19.91	244	4626	0.21	ng	0.00

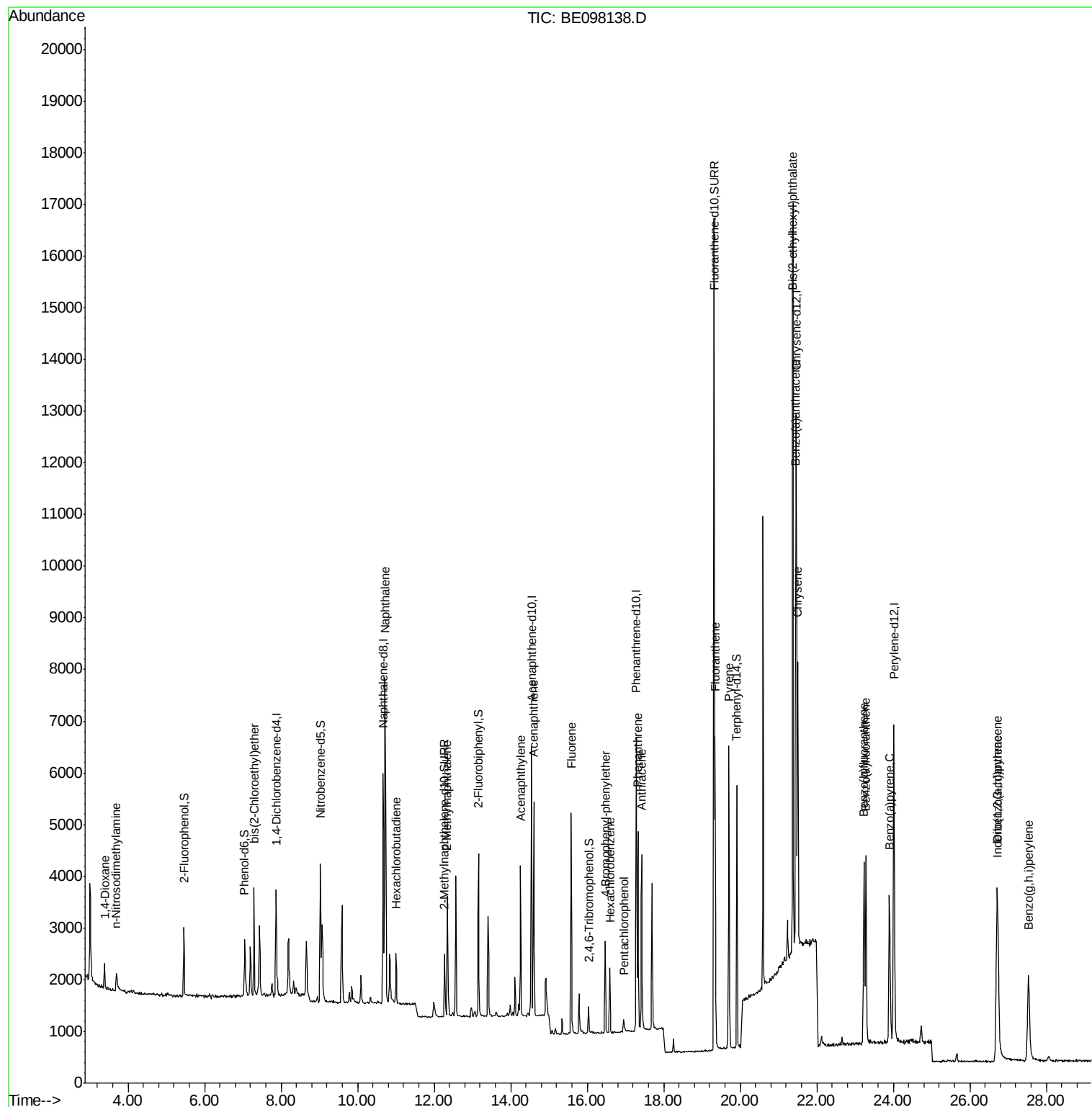
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	312	0.207	ng	94
3) n-Nitrosodimethylamine	3.69	42	413	0.206	ng	# 73
6) bis(2-Chloroethyl)ether	7.29	93	779	0.225	ng	# 99
9) Naphthalene	10.72	128	10482	0.211	ng	# 98
10) Hexachlorobutadiene	11.00	225	689	0.204	ng	96
12) 2-Methylnaphthalene	12.34	142	1823	0.203	ng	# 89
16) Acenaphthylene	14.25	152	3190	0.206	ng	98
17) Acenaphthene	14.60	154	1948	0.208	ng	99
18) Fluorene	15.58	166	2525	0.200	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	978	0.201	ng	89
21) Hexachlorobenzene	16.59	284	1052	0.208	ng	95
22) Pentachlorophenol	16.95	266	201	0.476	ng	# 82
23) Phenanthrene	17.33	178	4128	0.209	ng	99
24) Anthracene	17.42	178	3767	0.194	ng	98
26) Fluoranthene	19.34	202	5073	0.206	ng	# 96
28) Pyrene	19.71	202	5309	0.210	ng	99
30) Benzo(a)anthracene	21.45	228	5636	0.209	ng	99
31) Chrysene	21.50	228	5655	0.215	ng	97
32) Bis(2-ethylhexyl)phthalate	21.38	149	21445	0.334	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.70	276	5774	0.201	ng	# 78
35) Benzo(b)fluoranthene	23.23	252	5218	0.207	ng	# 95
36) Benzo(k)fluoranthene	23.28	252	5447	0.207	ng	# 93
37) Benzo(a)pyrene	23.90	252	5203	0.210	ng	# 92
38) Dibenzo(a,h)anthracene	26.73	278	4631	0.191	ng	96
39) Benzo(g,h,i)perylene	27.54	276	4713	0.197	ng	94

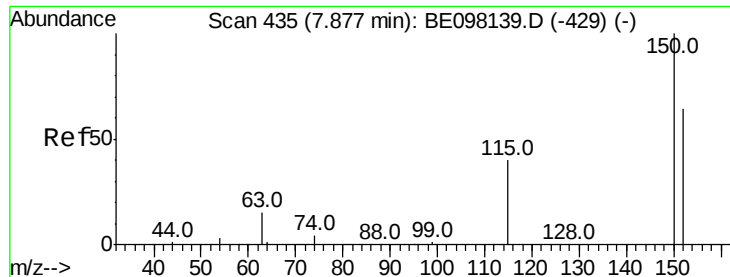
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 11:18:18 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

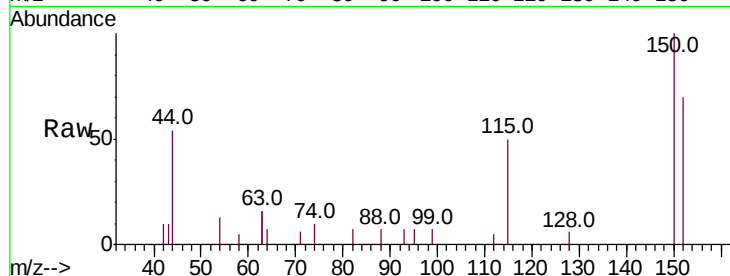
Tot Ion:152 Resp: 978

Ion Ratio Lower Upper

152 100

150 142.8 118.2 177.4

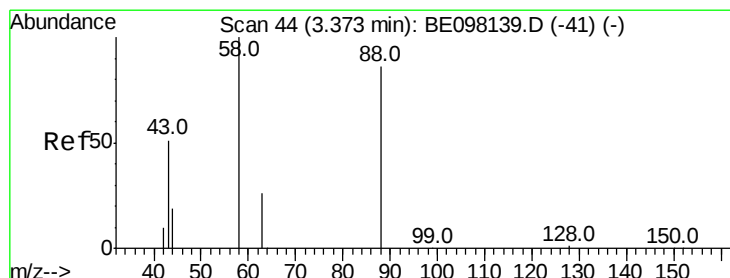
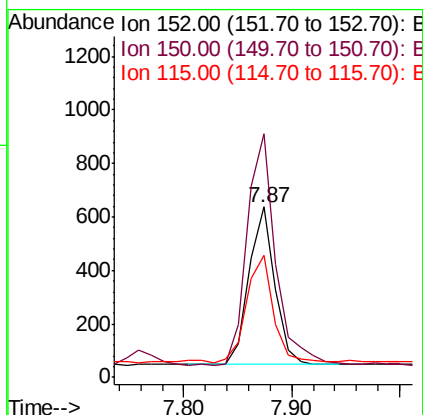
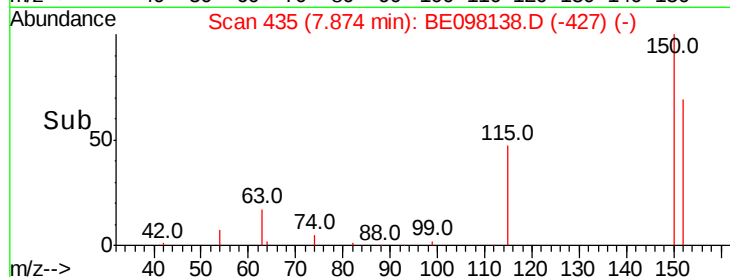
115 71.9 50.9 76.3



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: 0.207 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

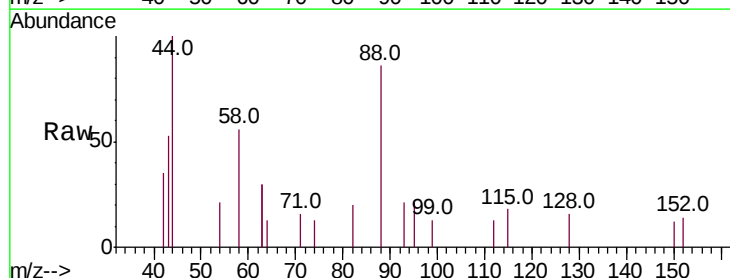
Tgt Ion: 88 Resp: 312

Ion Ratio Lower Upper

88 100

58 94.6 73.2 109.8

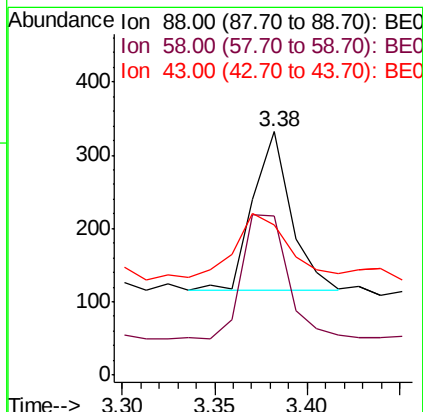
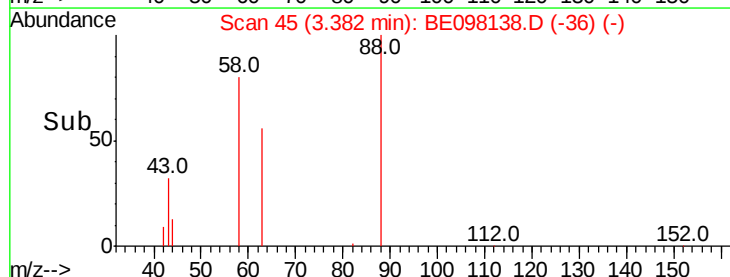
43 53.2 36.9 55.3

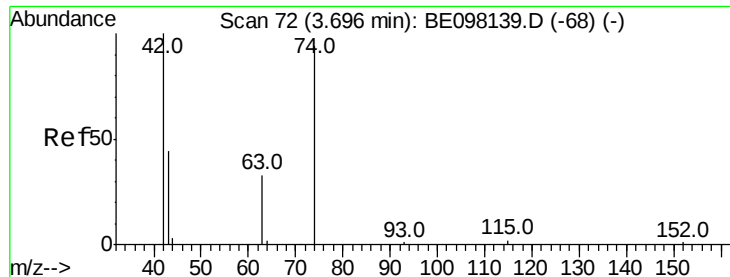


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.206 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

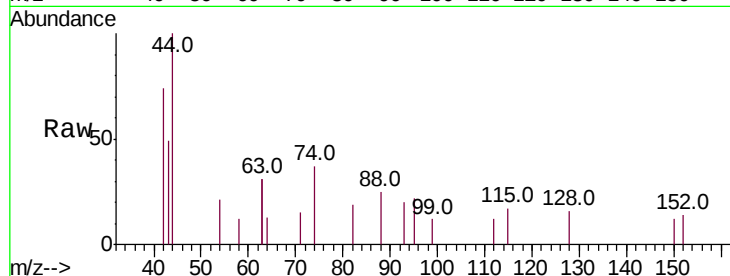
Tot Ion: 42 Resp: 413

Ion Ratio Lower Upper

42 100

74 70.2 77.6 116.4#

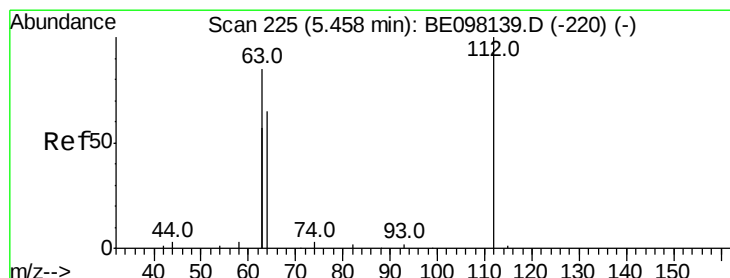
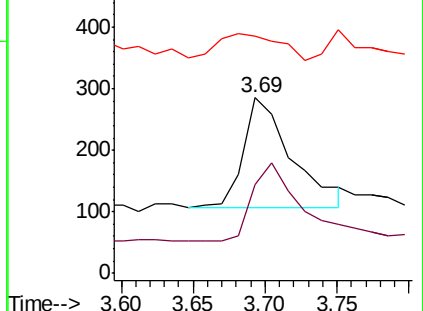
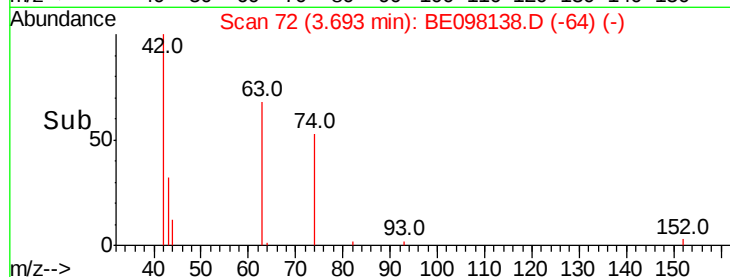
44 0.0 7.6 11.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.211 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

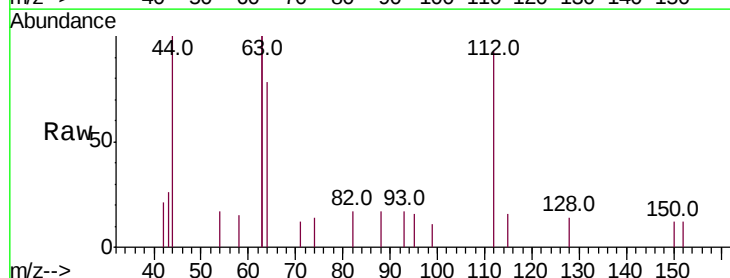
Tgt Ion: 112 Resp: 625

Ion Ratio Lower Upper

112 100

64 79.7 58.9 88.3

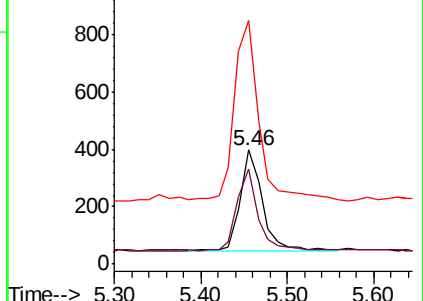
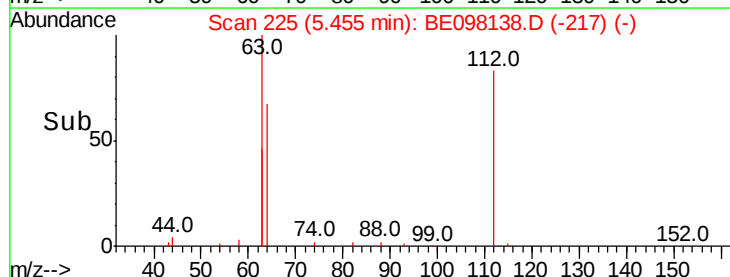
63 199.5 120.3 180.5#

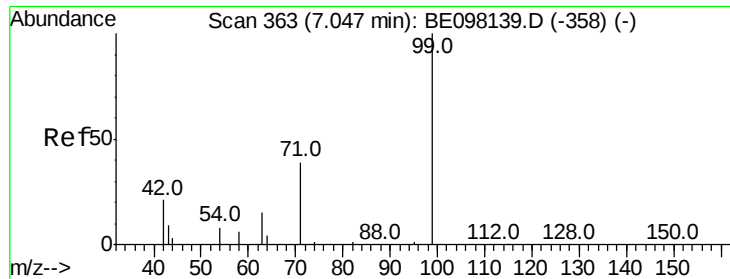


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.204 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

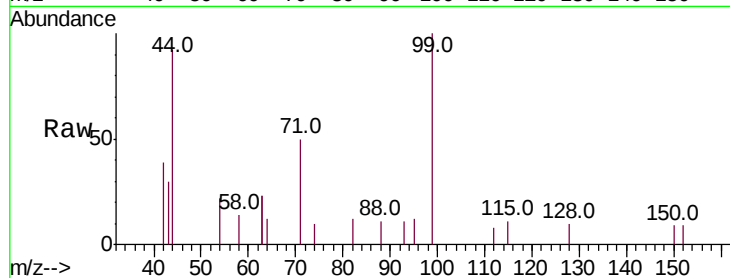
Tot Ion: 99 Resp: 1007

Ion Ratio Lower Upper

99 100

42 33.5 19.9 29.9#

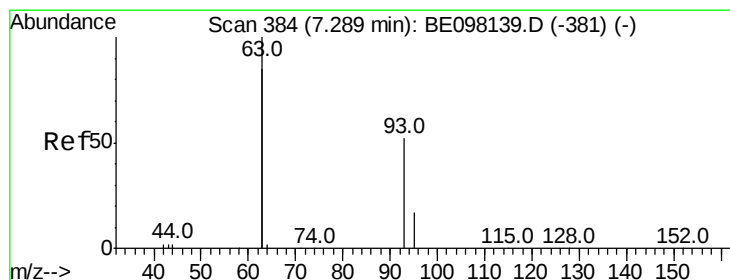
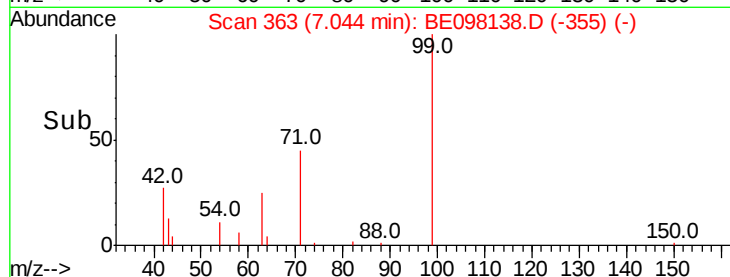
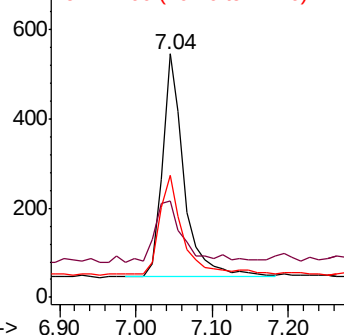
71 45.4 27.8 41.8#



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: 0.225 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

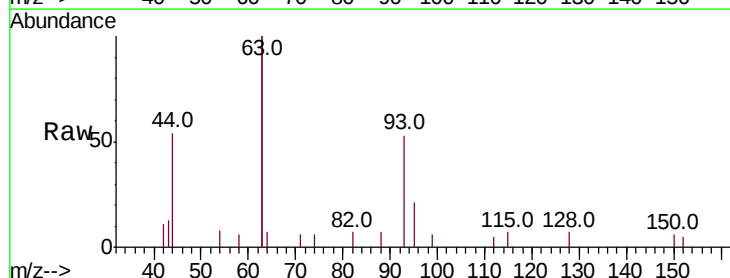
Tgt Ion: 93 Resp: 779

Ion Ratio Lower Upper

93 100

63 324.1 259.0 388.4

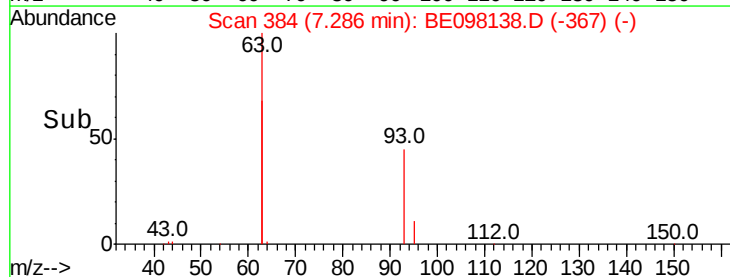
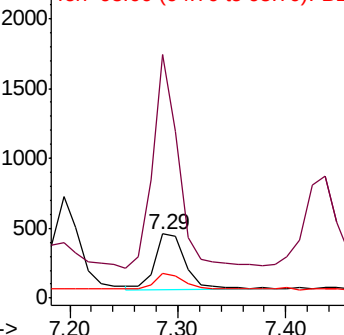
95 27.7 27.8 41.8#

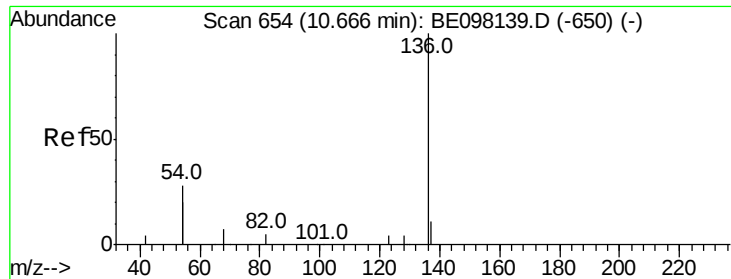


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tot Ion:136 Resp: 5008

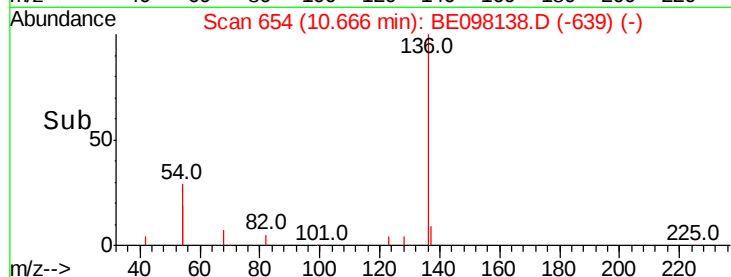
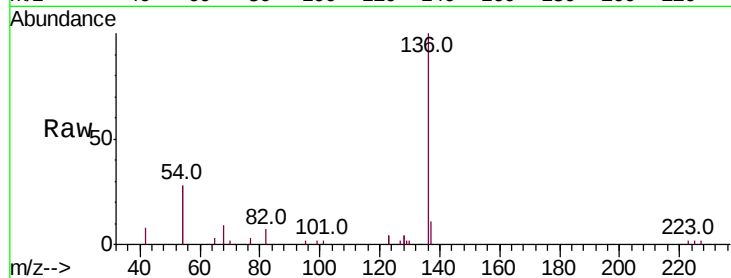
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 56.5 27.7 41.5#

68 8.7 5.3 7.9#

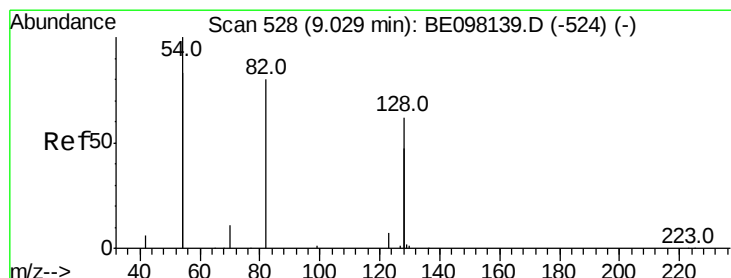
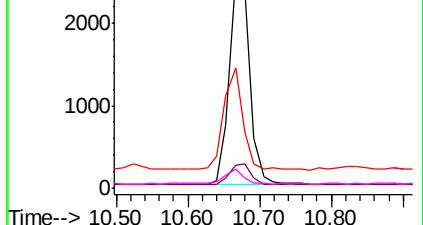


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.201 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

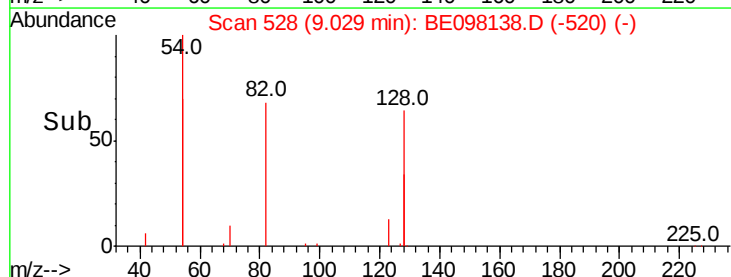
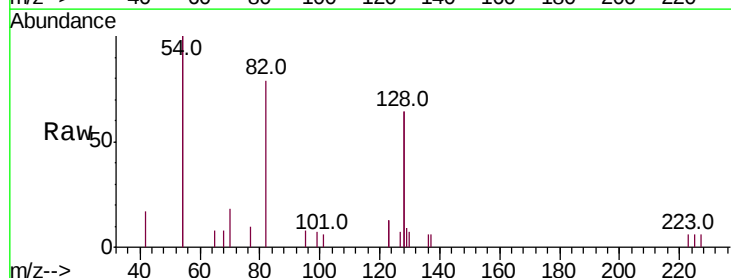
Tgt Ion: 82 Resp: 1070

Ion Ratio Lower Upper

82 100

128 161.9 129.9 194.9

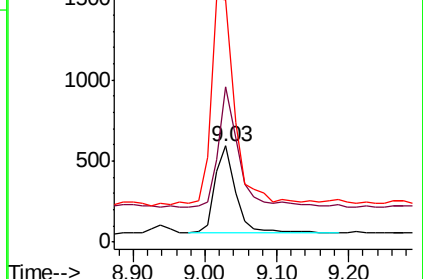
54 252.3 174.0 261.0

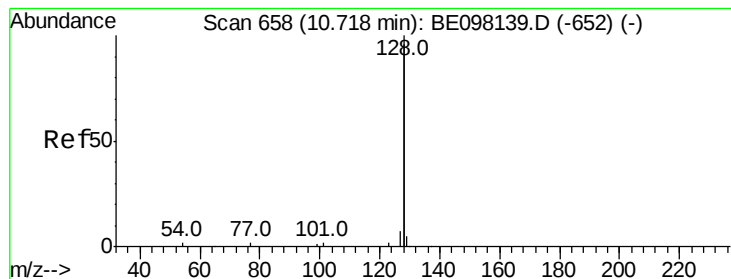


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.211 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

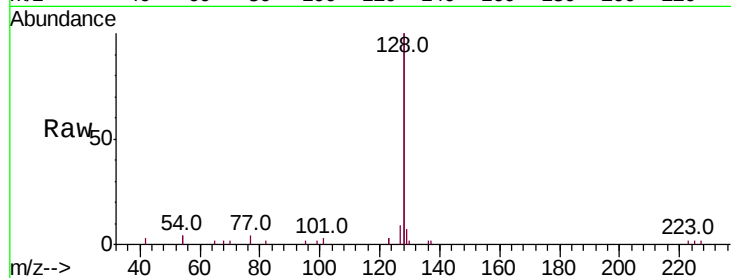
Tot Ion:128 Resp: 10482

Ion Ratio Lower Upper

128 100

129 3.5 2.5 3.7

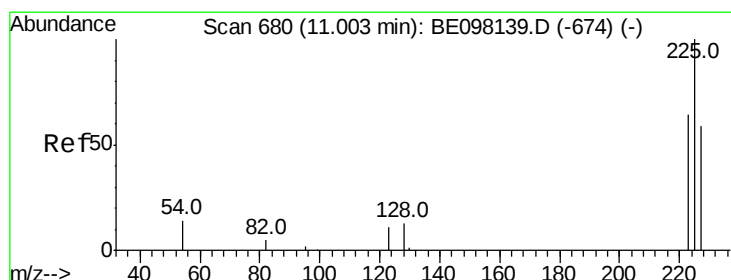
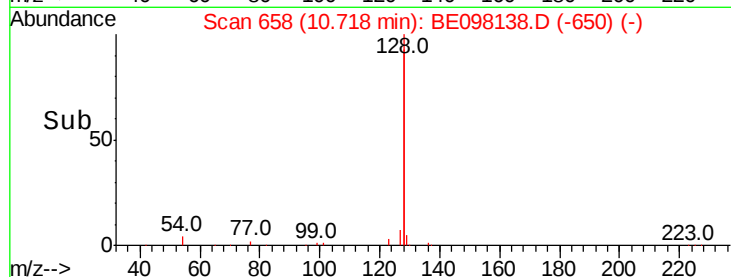
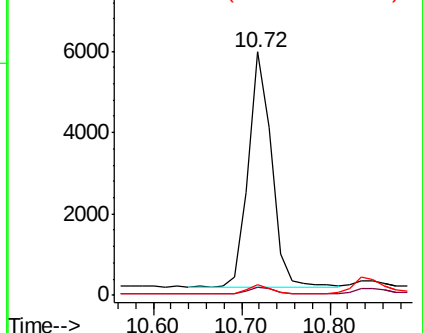
127 4.3 2.8 4.2#



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: 0.204 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

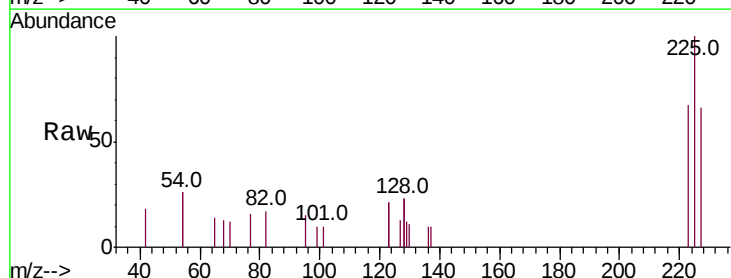
Tgt Ion:225 Resp: 689

Ion Ratio Lower Upper

225 100

223 59.5 51.8 77.8

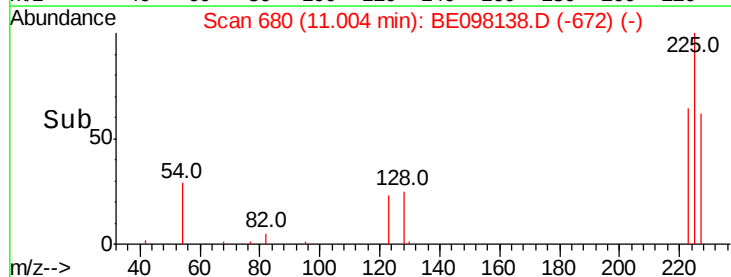
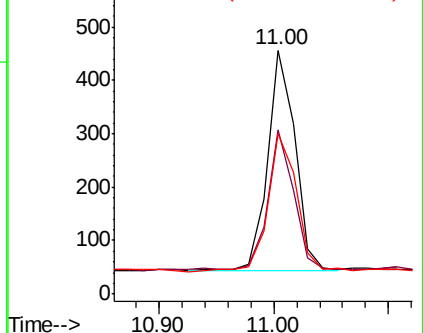
227 65.2 53.0 79.6

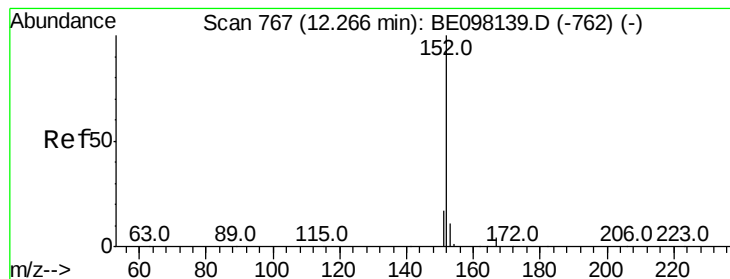


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.201 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

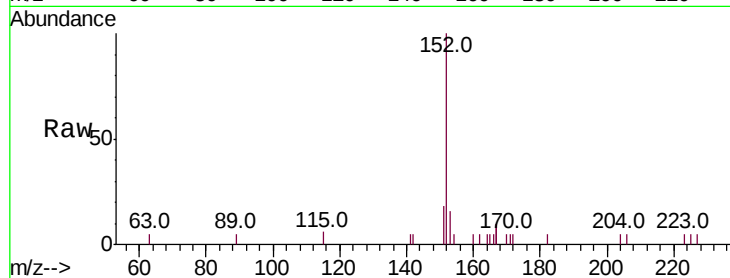
SSTDIC0.2

Tot Ion:152 Resp: 1783

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

1000

800

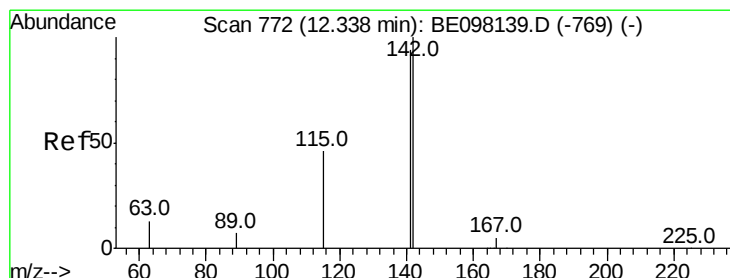
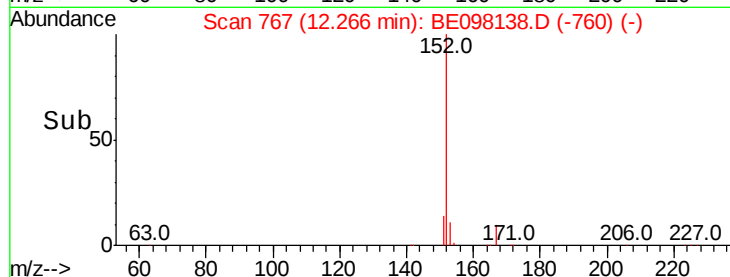
600

400

200

0

Time--> 12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.203 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

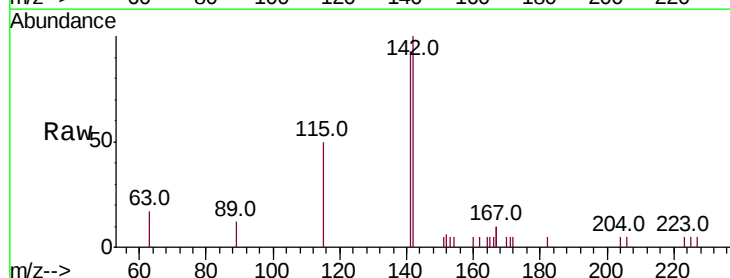
Tgt Ion:142 Resp: 1823

Ion Ratio Lower Upper

142 100

141 93.0 69.8 104.6

115 50.5 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

12.34

1200

1000

800

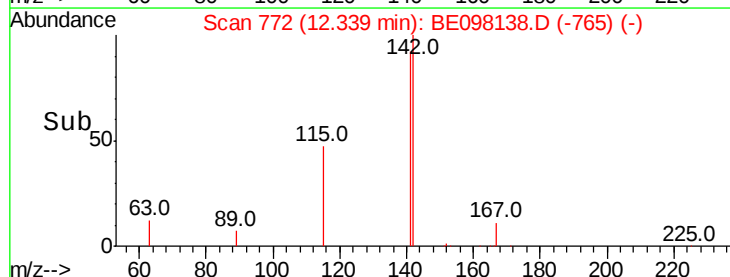
600

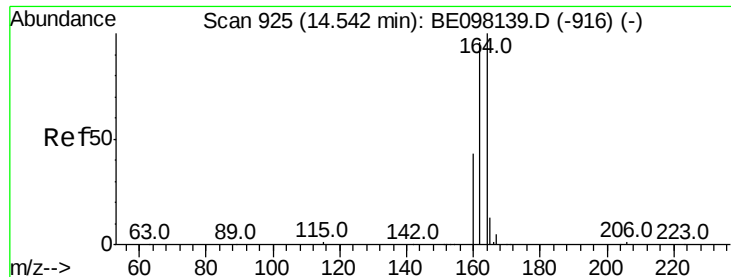
400

200

0

Time--> 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: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

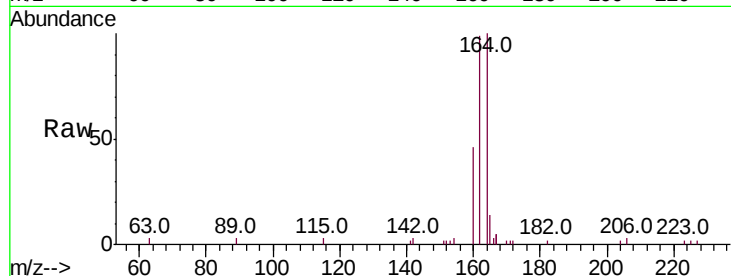
Tot Ion:164 Resp: 3418

Ion Ratio Lower Upper

164 100

162 99.0 77.4 116.2

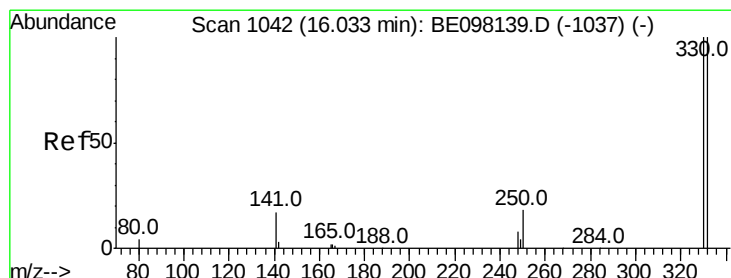
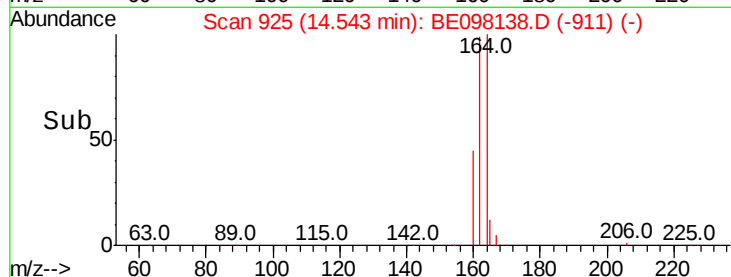
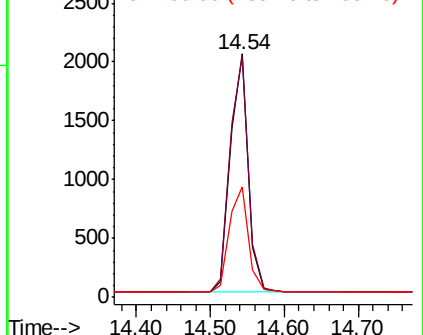
160 45.6 36.5 54.7



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: 0.204 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

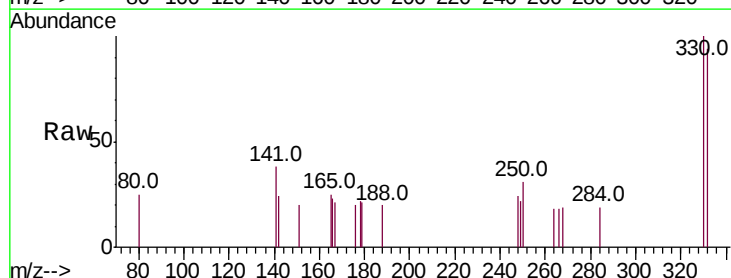
Tgt Ion:330 Resp: 351

Ion Ratio Lower Upper

330 100

332 91.2 76.5 114.7

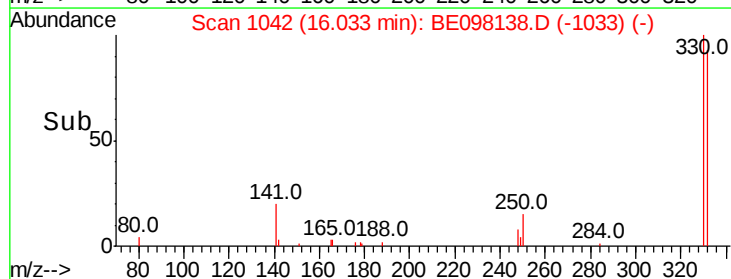
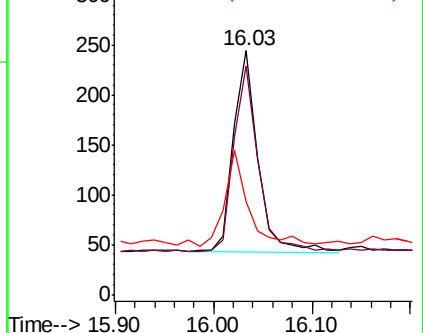
141 45.3 31.8 47.6

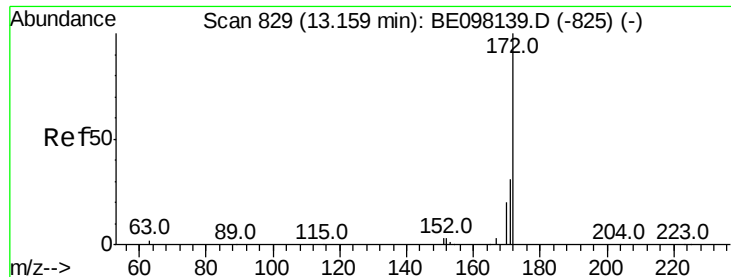


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

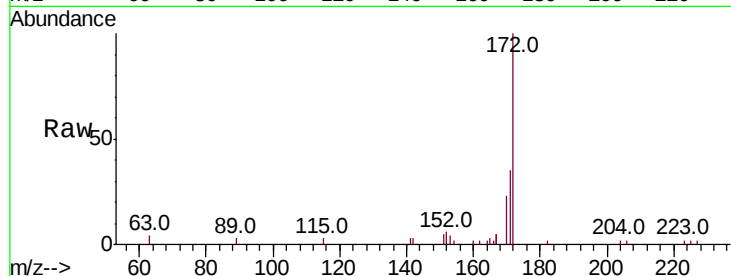




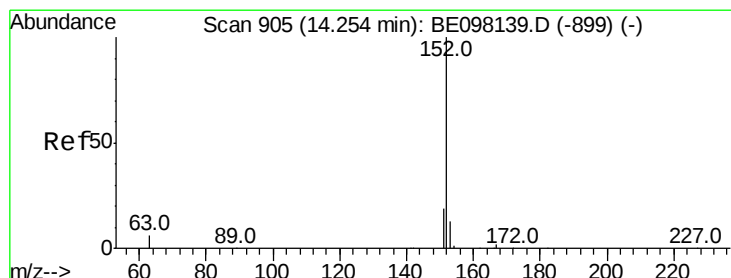
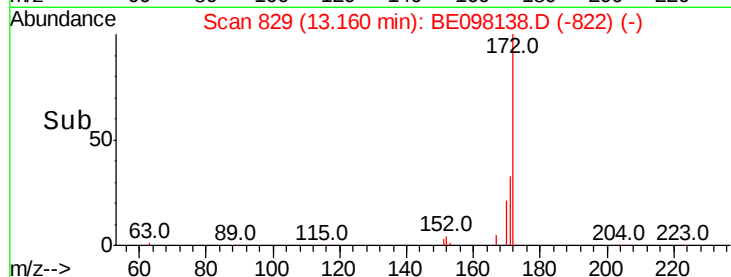
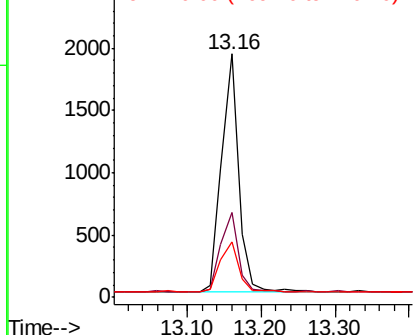
#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:172 Resp: 3080
Ion Ratio Lower Upper
172 100
171 34.6 26.0 39.0
170 22.8 18.0 27.0

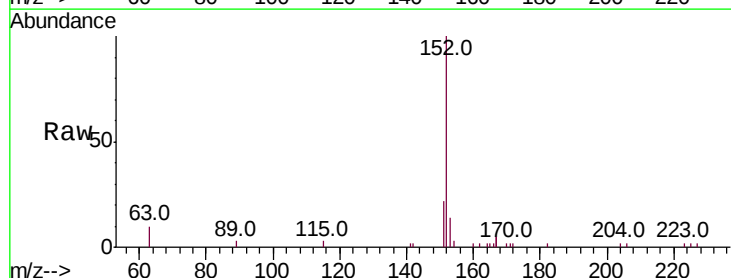


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

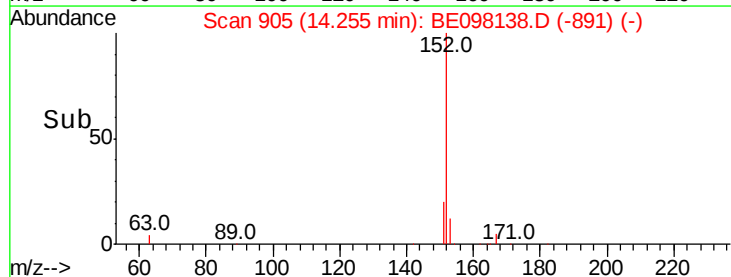
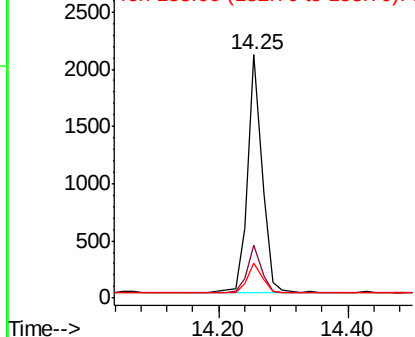


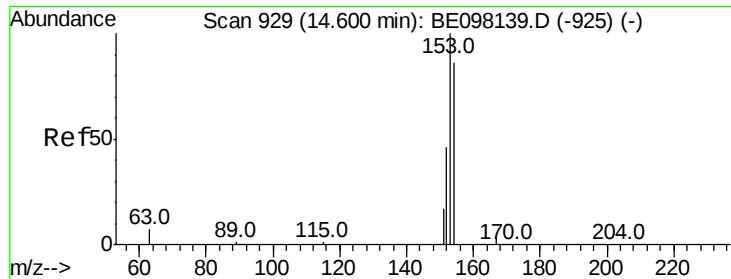
#16
Acenaphthylene
Concen: 0.206 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:152 Resp: 3190
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 12.9 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

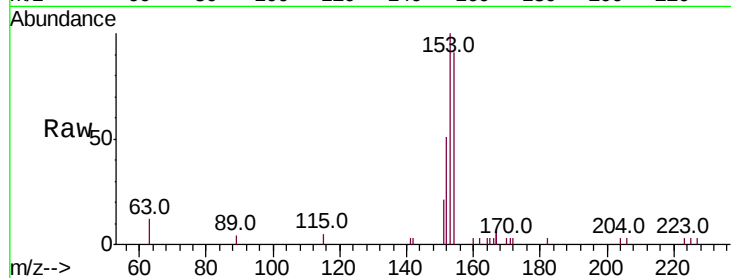




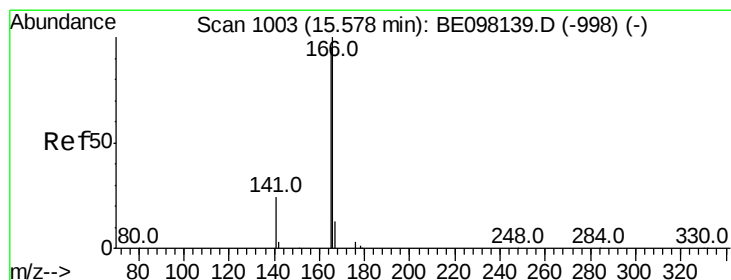
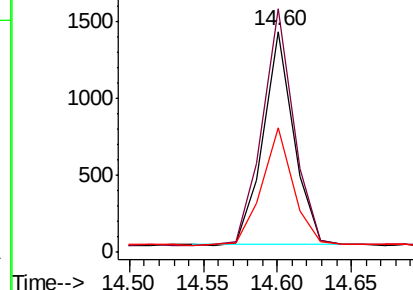
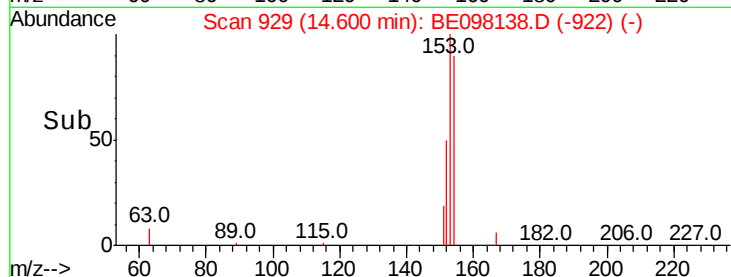
#17
Acenaphthene
Concen: 0.208 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:154 Resp: 1948
Ion Ratio Lower Upper
154 100
153 116.4 92.6 139.0
152 58.0 45.5 68.3

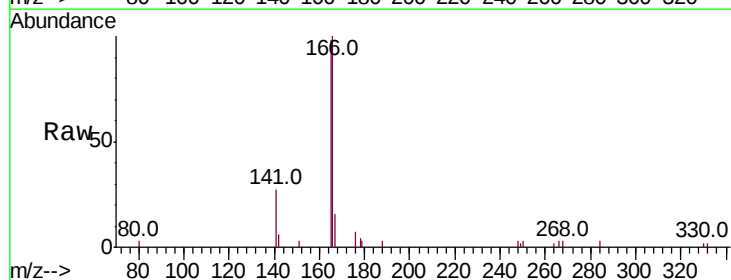


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

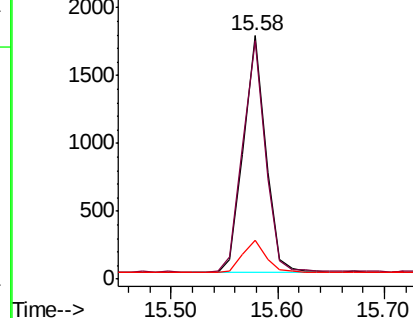
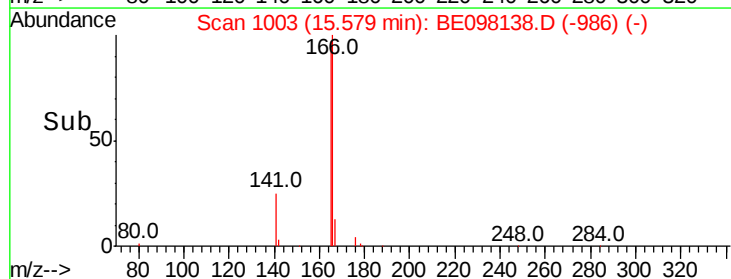


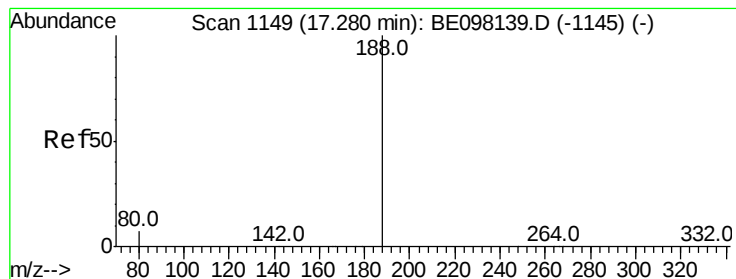
#18
Fluorene
Concen: 0.200 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:166 Resp: 2525
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.4
167 15.2 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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

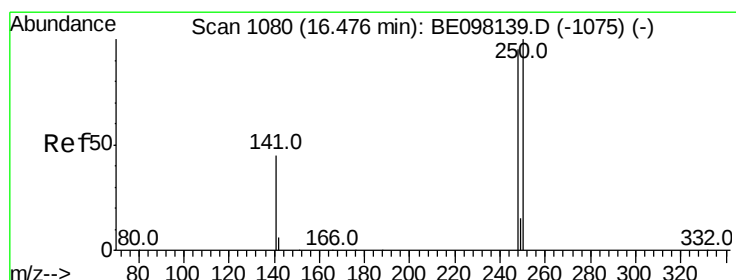
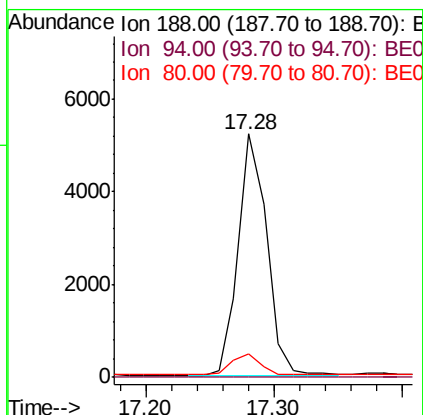
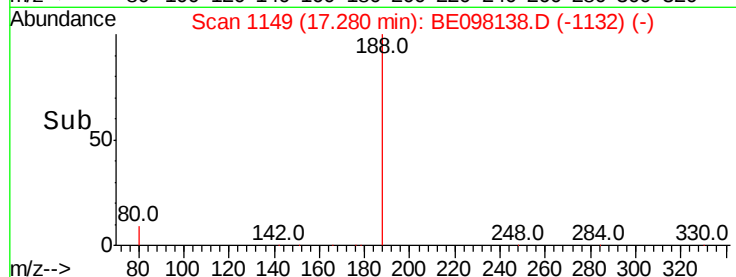
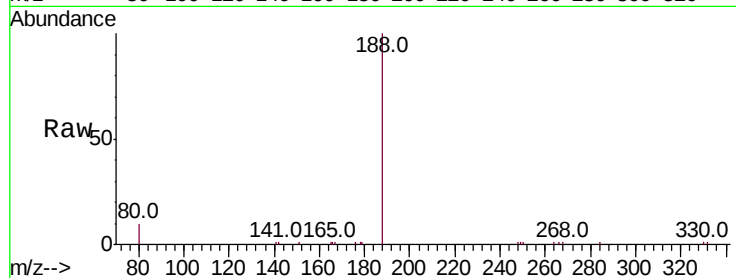
Tot Ion:188 Resp: 8044

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.201 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

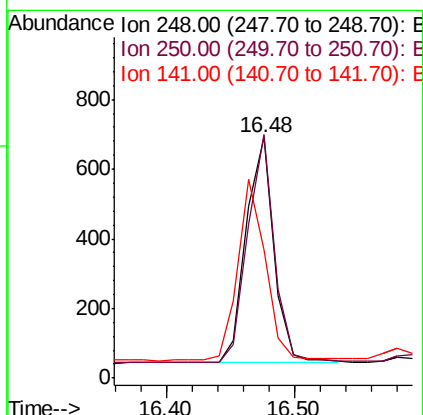
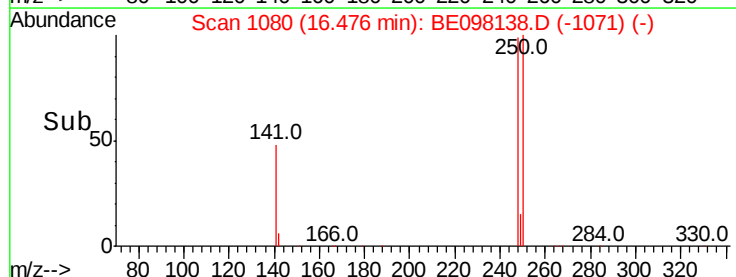
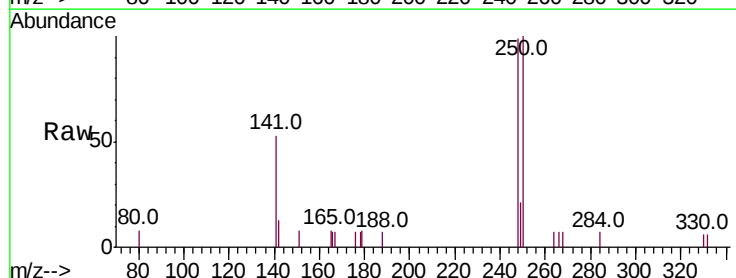
Tgt Ion:248 Resp: 978

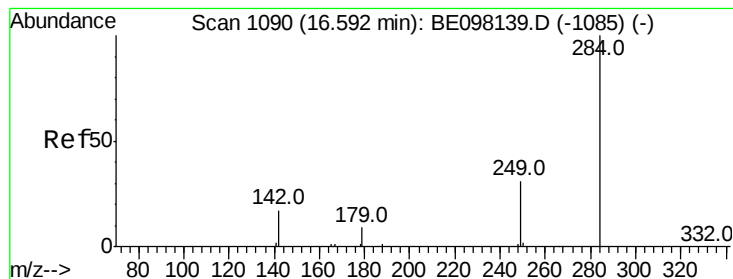
Ion Ratio Lower Upper

248 100

250 101.2 75.1 112.7

141 53.1 51.8 77.8





#21

Hexachlorobenzene

Concen: 0.208 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

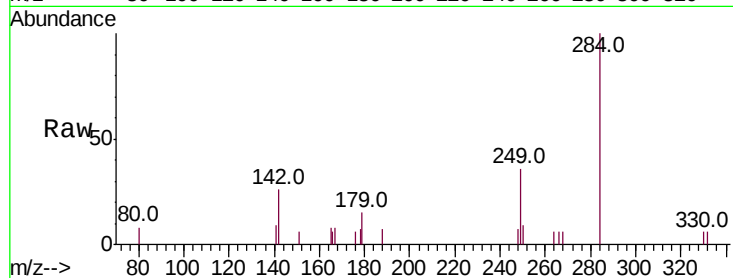
Tot Ion:284 Resp: 1052

Ion Ratio Lower Upper

284 100

142 35.8 25.9 38.9

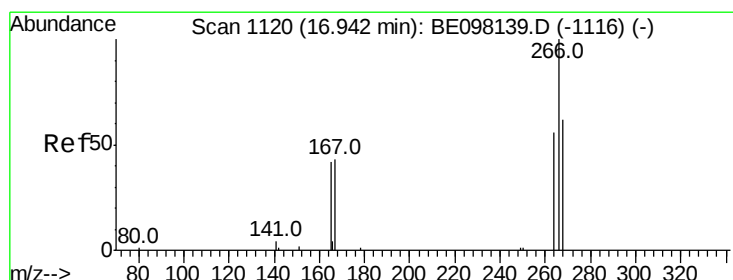
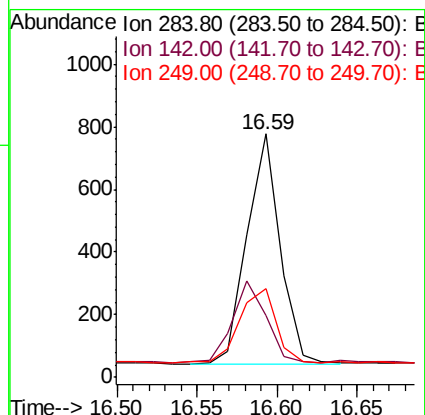
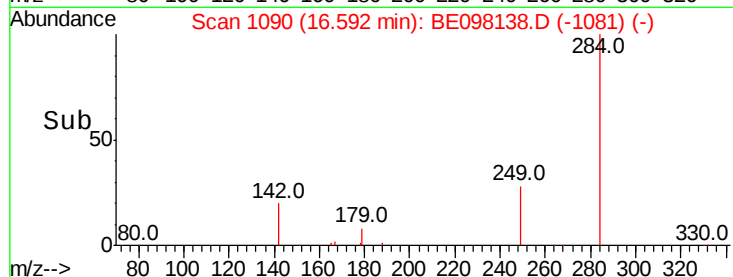
249 35.2 26.6 40.0



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: 0.476 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

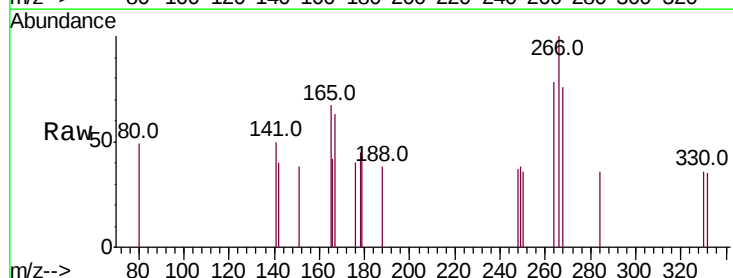
Tgt Ion:266 Resp: 201

Ion Ratio Lower Upper

266 100

264 78.4 51.3 76.9#

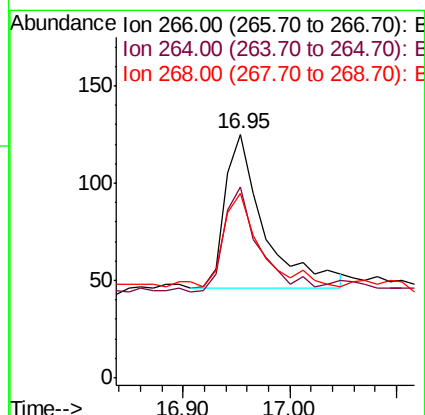
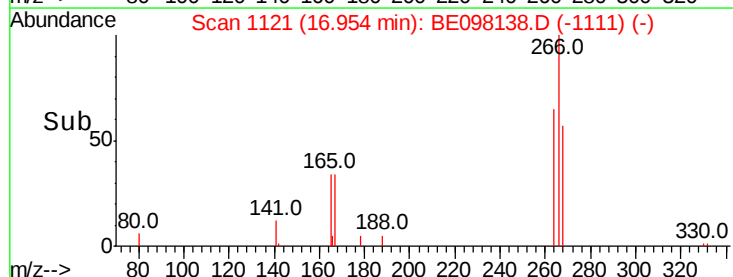
268 76.0 50.1 75.1#

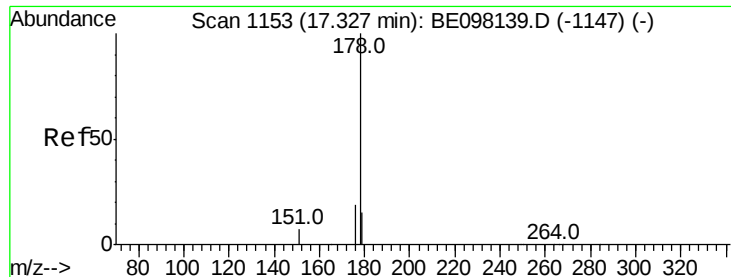


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.209 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

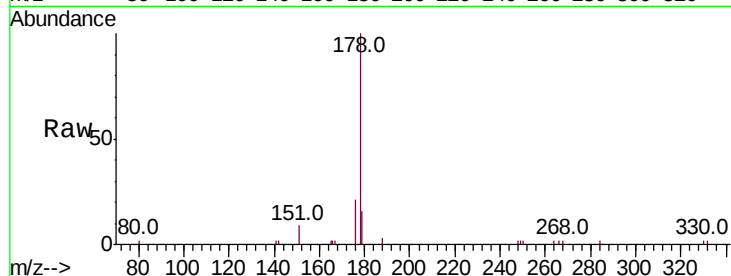
Tot Ion:178 Resp: 4128

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

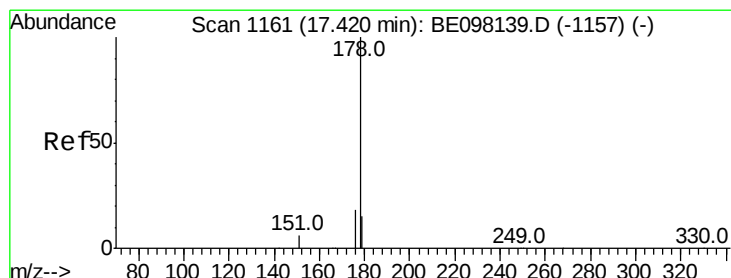
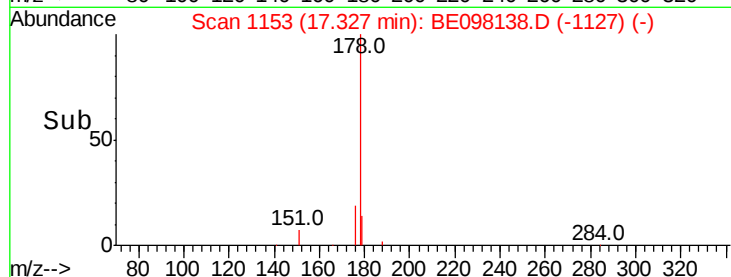
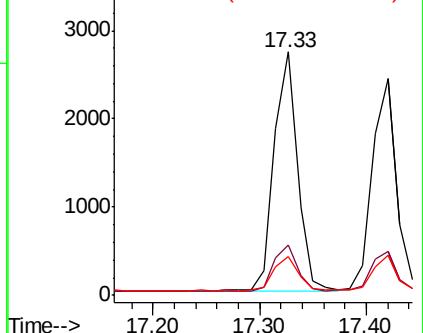
179 15.1 12.2 18.4



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: 0.194 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

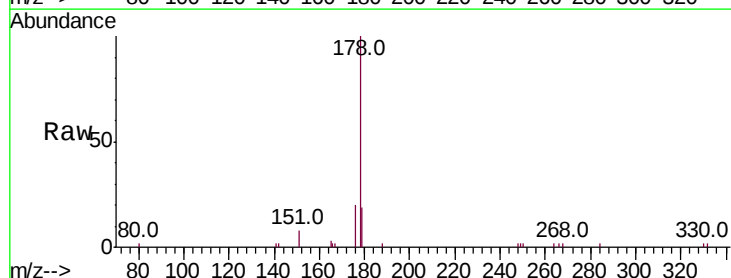
Tgt Ion:178 Resp: 3767

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

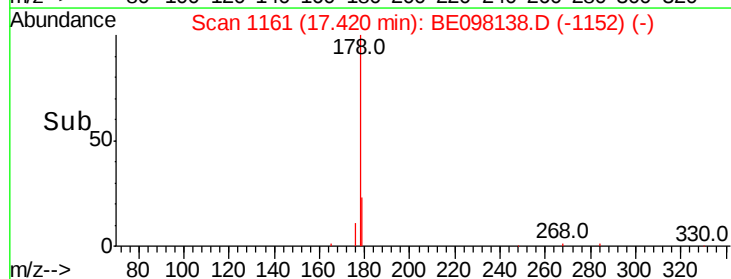
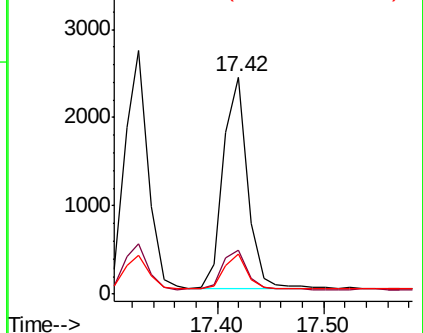
179 16.1 11.9 17.9

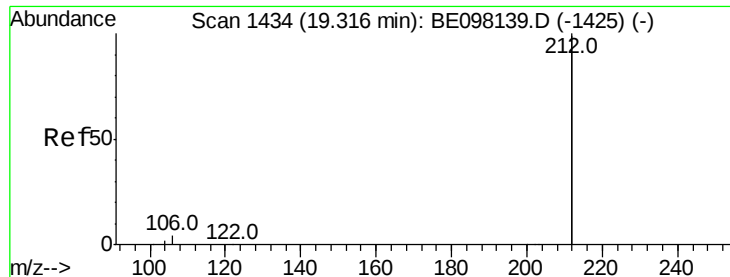


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

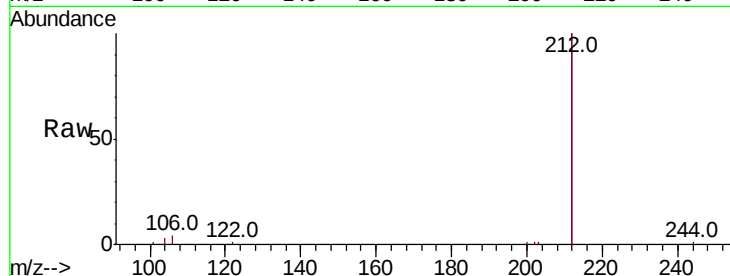
Tot Ion:212 Resp: 21079

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

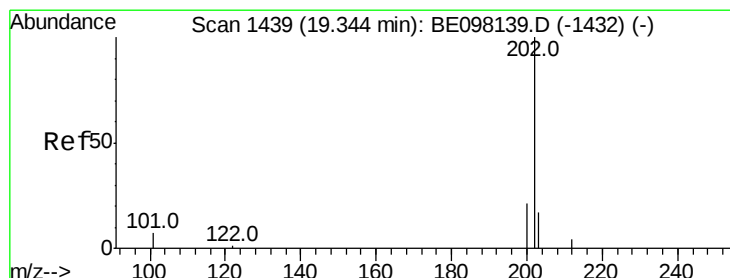
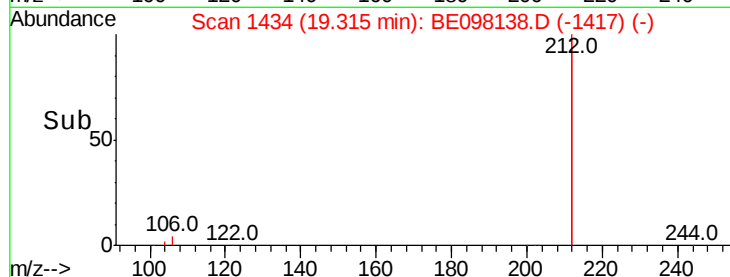
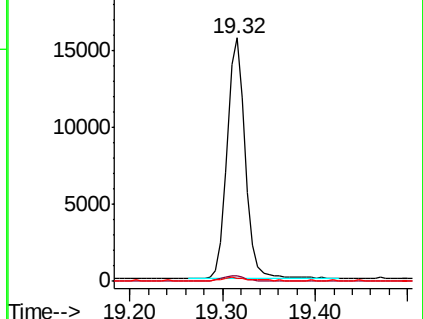
104 1.3 1.3 1.9



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: 0.206 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

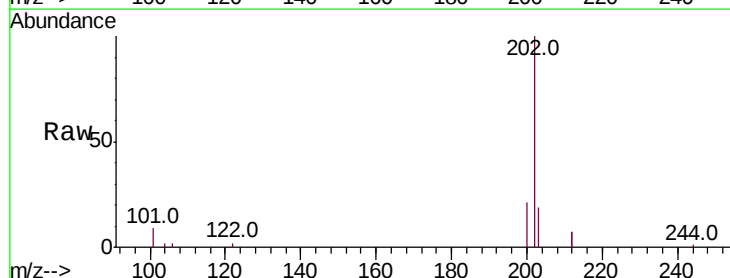
Tgt Ion:202 Resp: 5073

Ion Ratio Lower Upper

202 100

101 8.0 8.2 12.2#

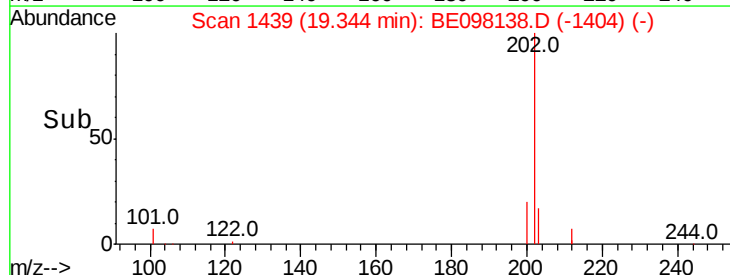
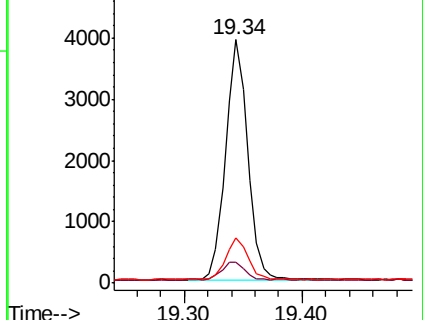
203 17.3 15.0 22.4

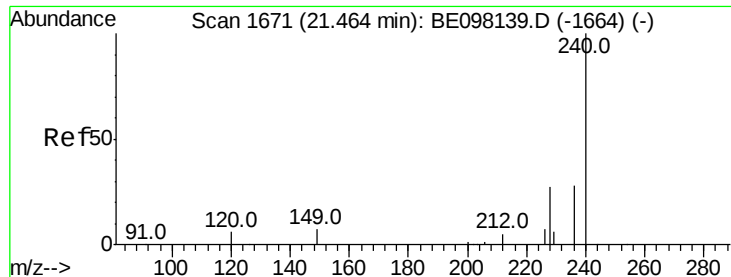


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

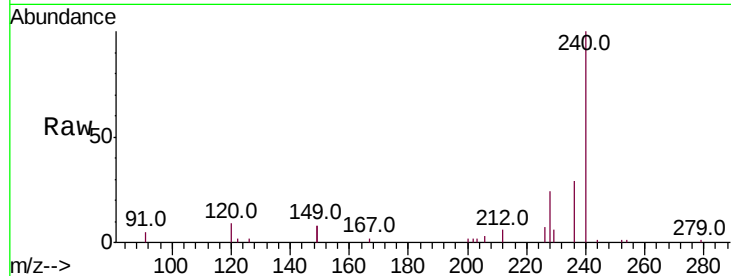




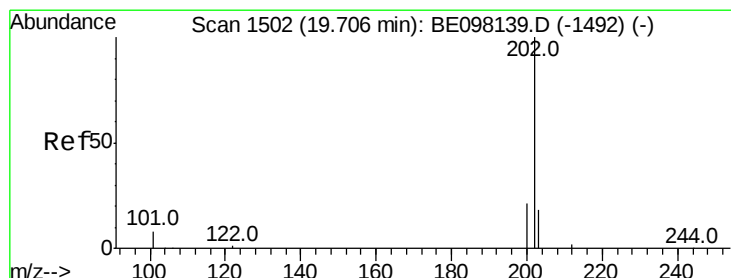
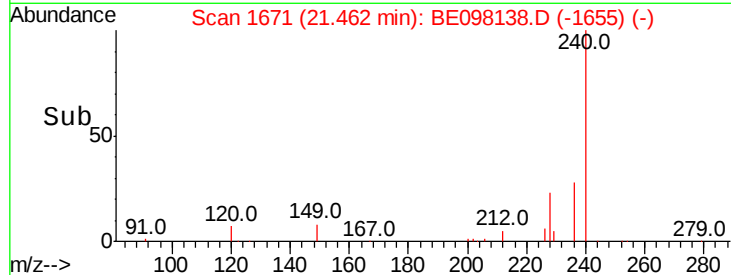
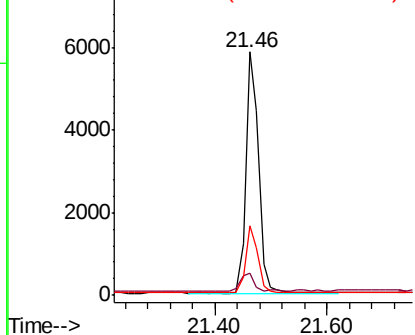
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tot Ion:240 Resp: 9147
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 28.7 21.3 31.9

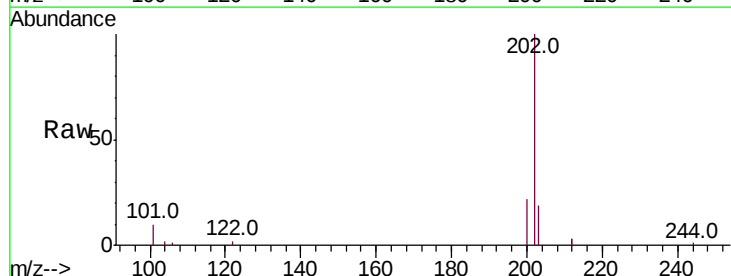


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

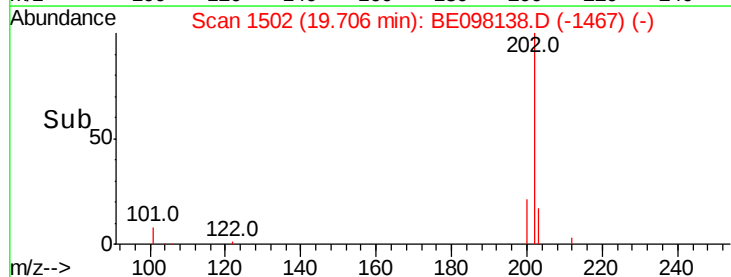
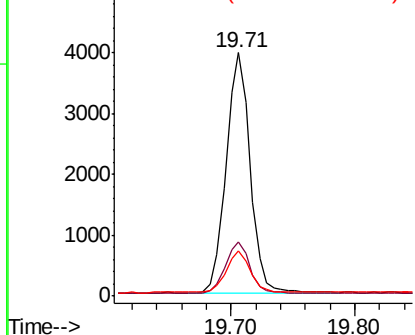


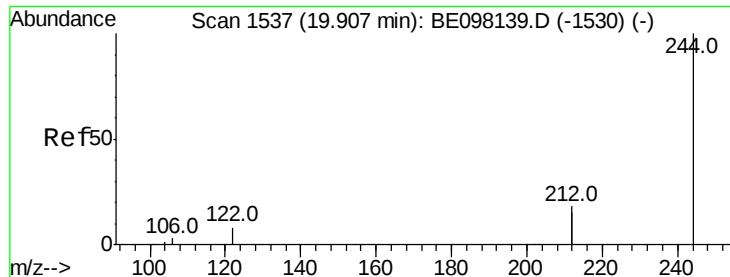
#28
Pyrene
Concen: 0.210 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:202 Resp: 5309
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.3 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: 0.215 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

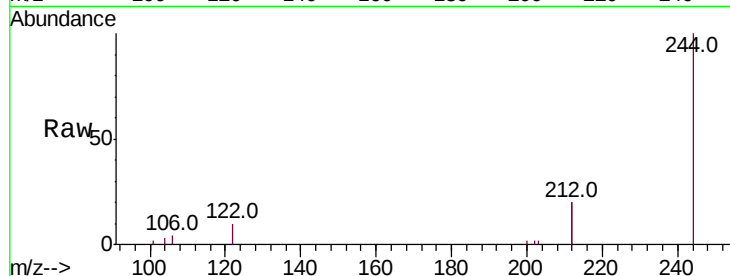
Tot Ion:244 Resp: 4626

Ion Ratio Lower Upper

244 100

212 39.2 26.2 39.2

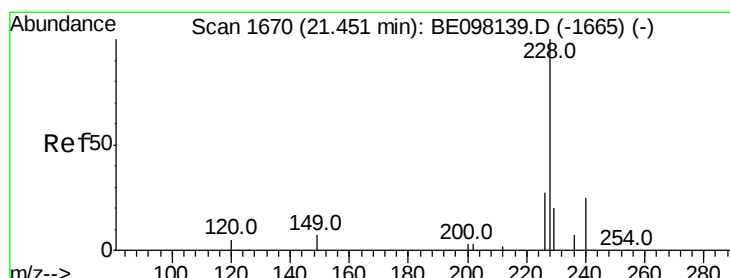
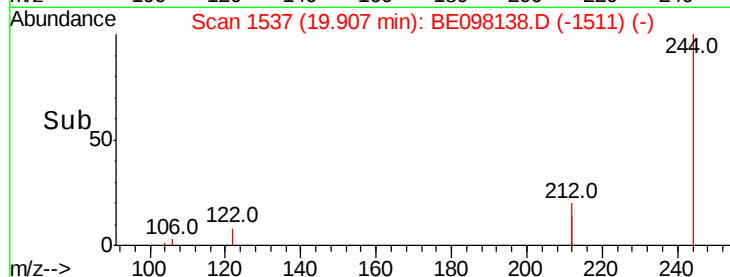
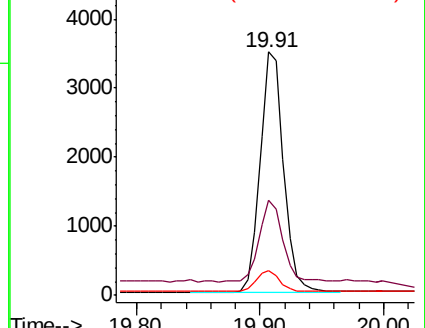
122 10.0 7.7 11.5



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: 0.209 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

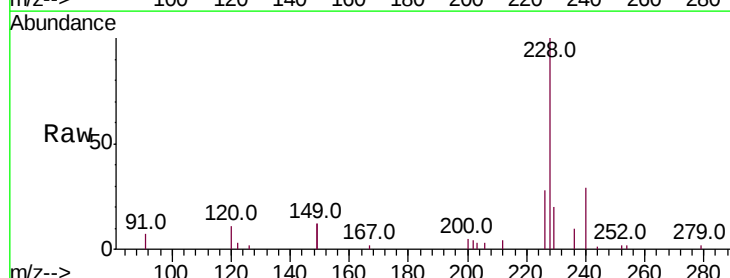
Tgt Ion:228 Resp: 5636

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

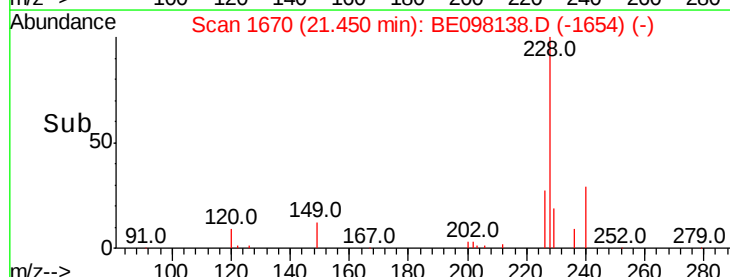
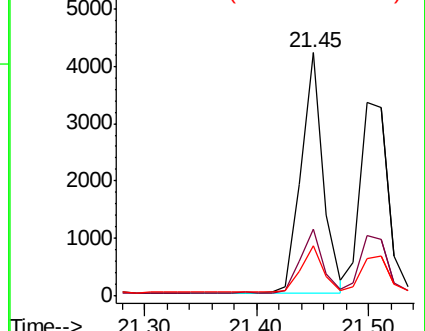
229 20.4 16.9 25.3

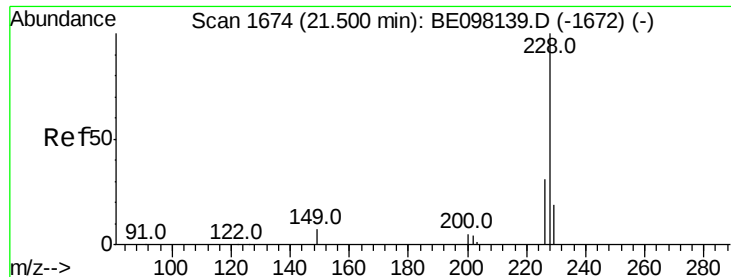


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.215 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

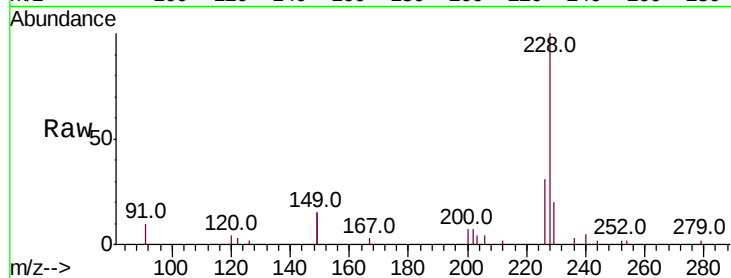
BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:228 Resp: 5655

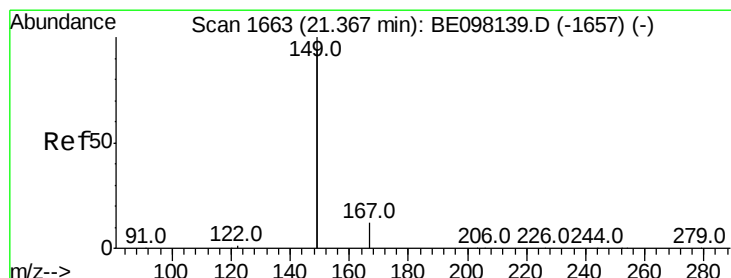
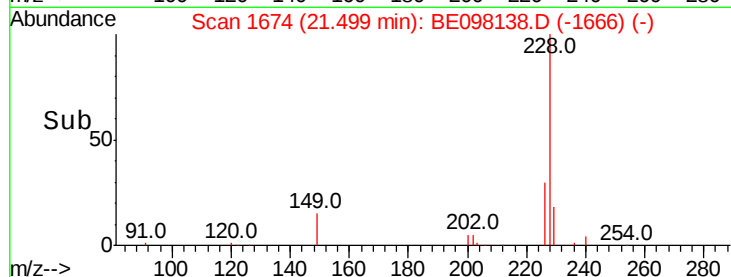
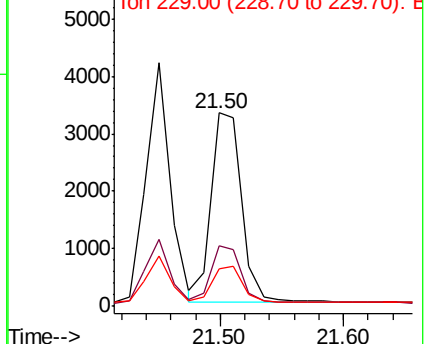
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	19.6	17.3	25.9



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: 0.334 ng

RT: 21.38 min Scan# 1664

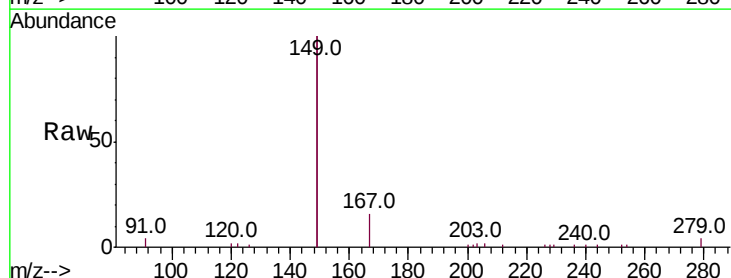
Delta R.T. 0.01 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Tgt Ion:149 Resp: 21445

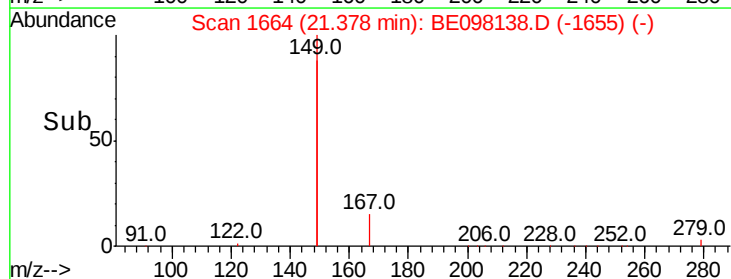
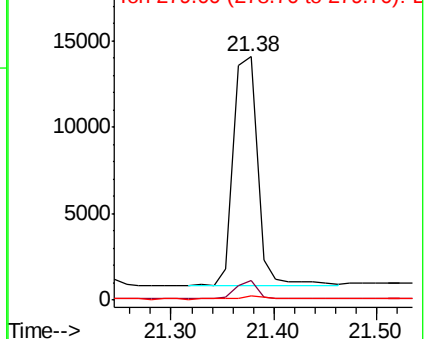
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.4	0.9	1.3#

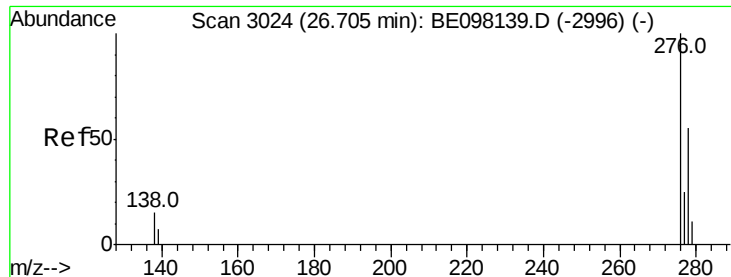


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.201 ng

RT: 26.70 min Scan# 3023

Delta R.T. -0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

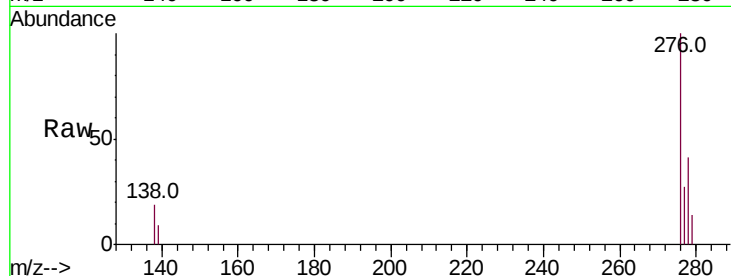
Tot Ion:276 Resp: 5774

Ion Ratio Lower Upper

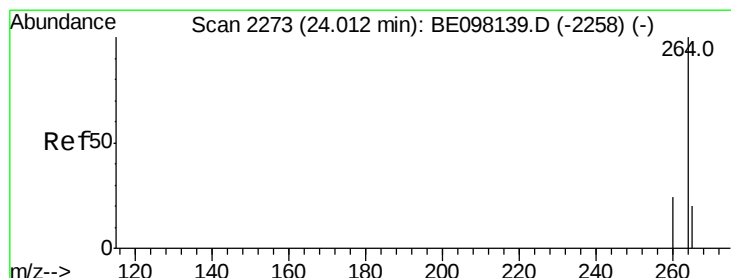
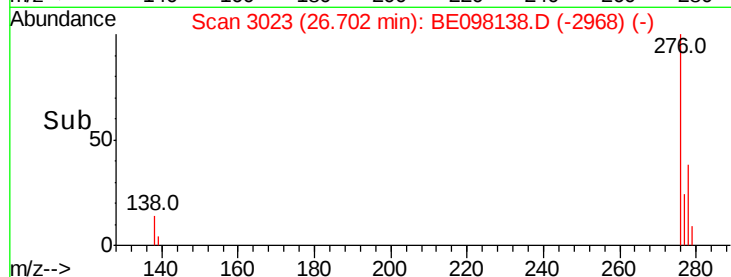
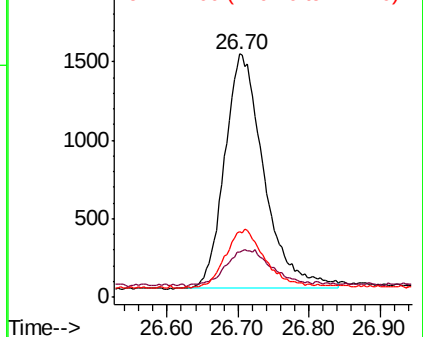
276 100

138 0.0 17.0 25.6#

277 24.5 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# 2274

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

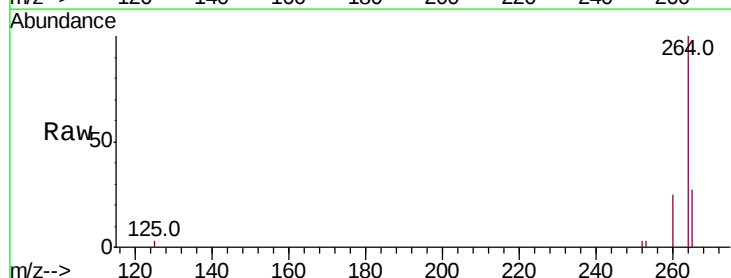
Tgt Ion:264 Resp: 9094

Ion Ratio Lower Upper

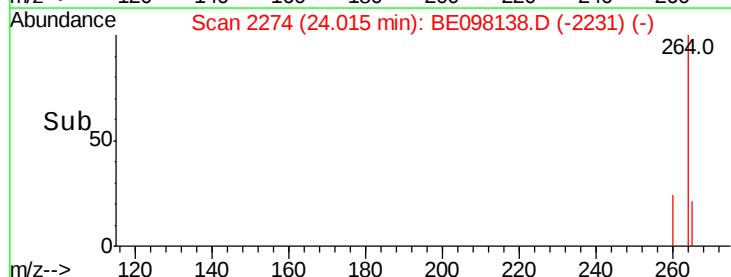
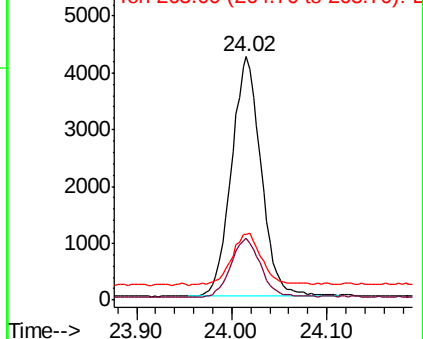
264 100

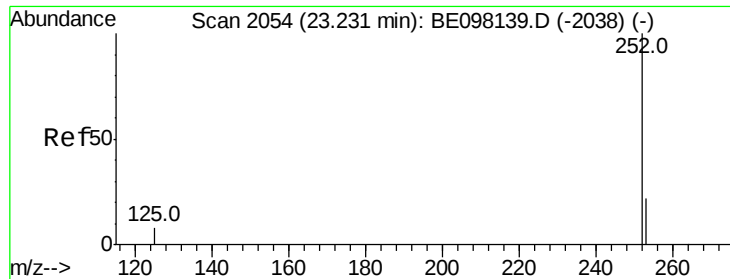
260 25.3 21.1 31.7

265 27.1 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: 0.207 ng

RT: 23.23 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

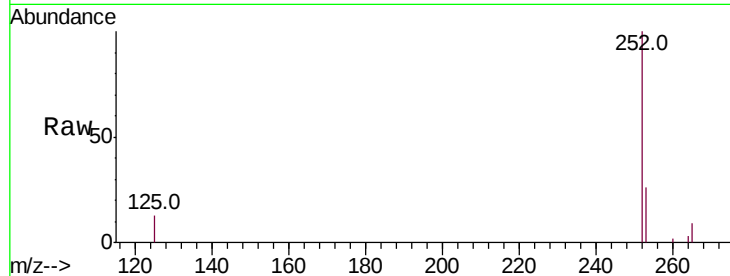
Tot Ion:252 Resp: 5218

Ion Ratio Lower Upper

252 100

253 26.2 20.6 31.0

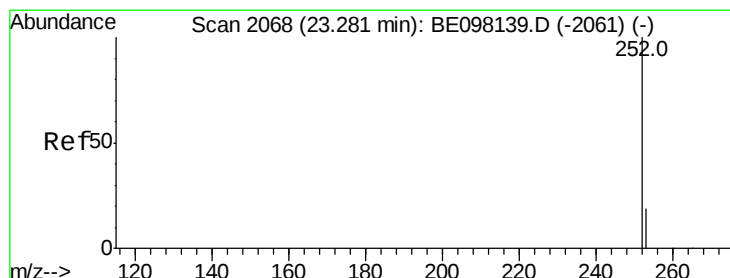
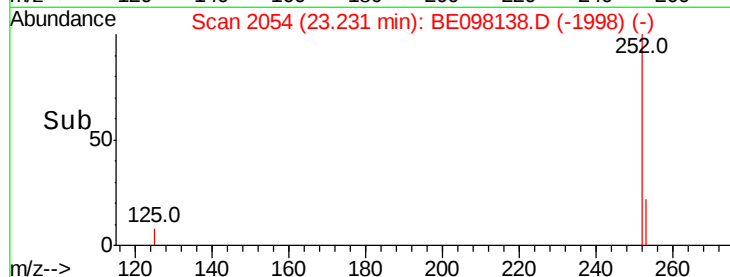
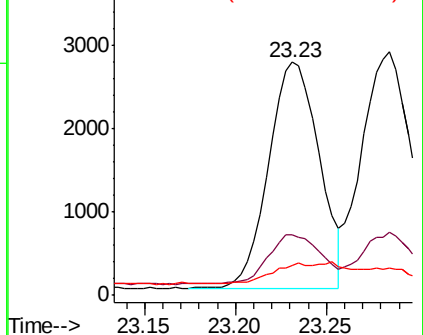
125 13.0 14.3 21.5#



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: 0.207 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

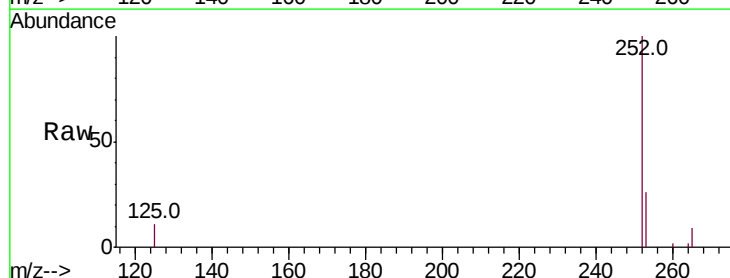
Tgt Ion:252 Resp: 5447

Ion Ratio Lower Upper

252 100

253 25.7 20.4 30.6

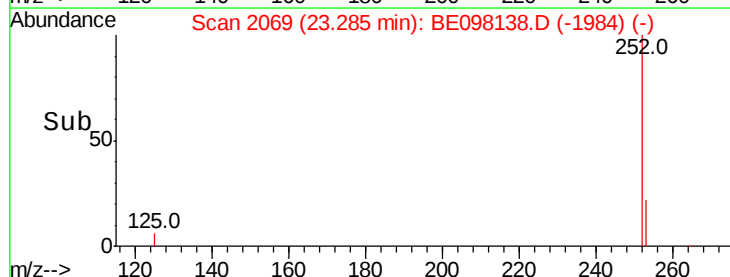
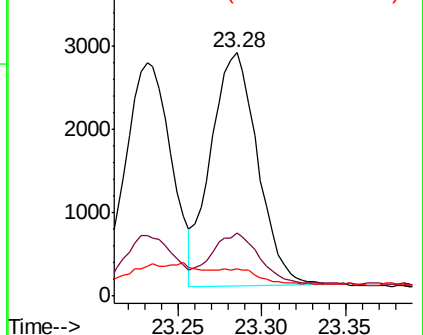
125 11.0 14.6 21.8#

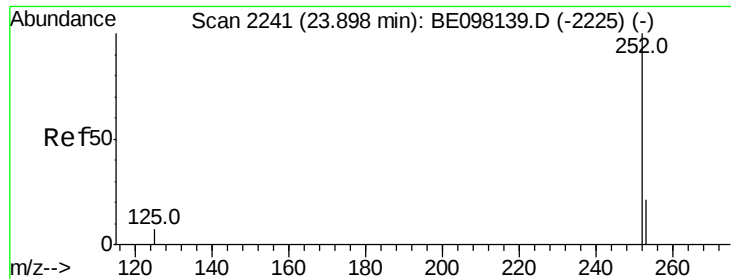


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

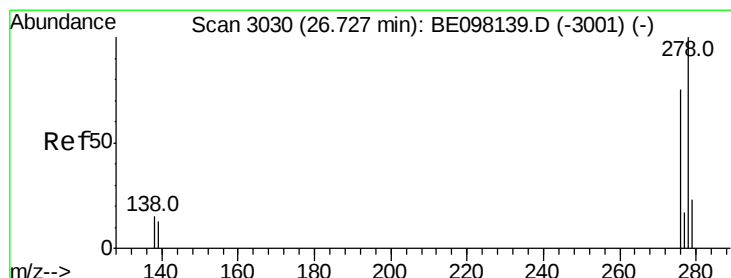
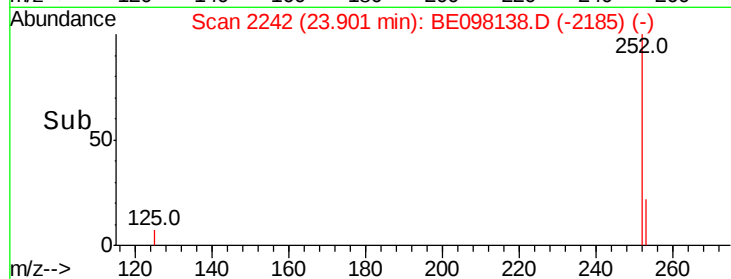
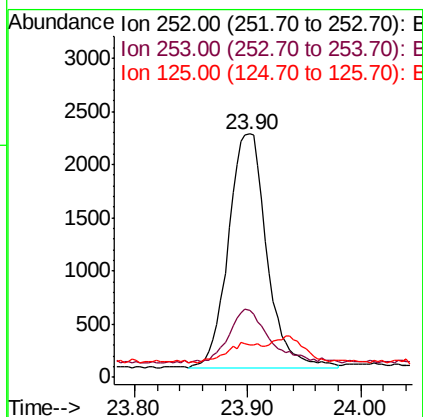
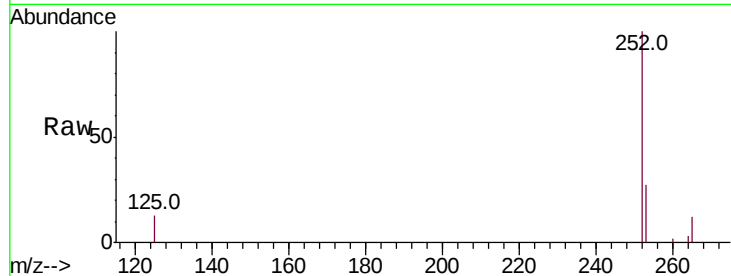




#37
Benzo(a)pyrene
Concen: 0.210 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

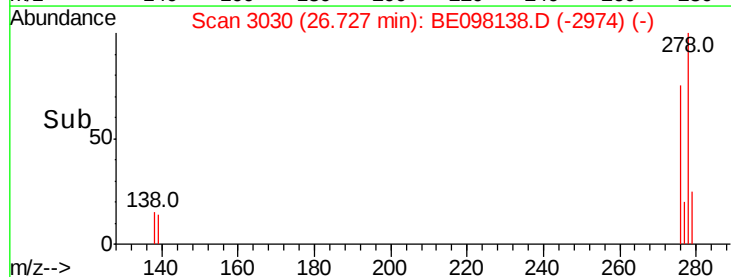
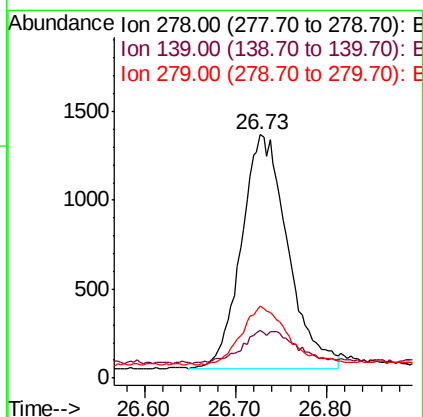
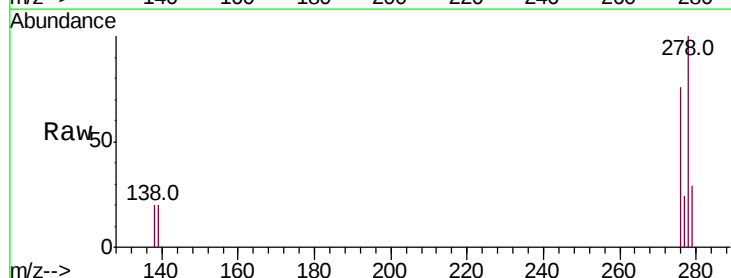
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

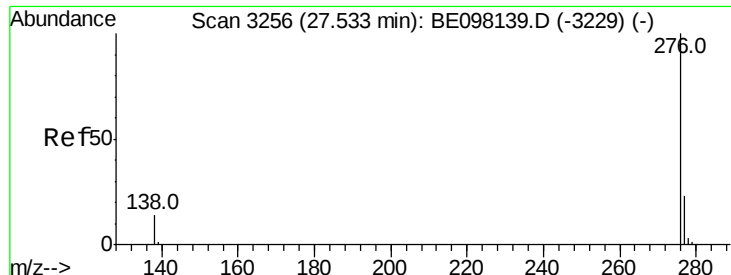
Tot Ion:252 Resp: 5203
Ion Ratio Lower Upper
252 100
253 27.4 20.6 31.0
125 13.4 15.6 23.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.191 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098138.D
Acq: 1 Nov 2018 9:53

Tgt Ion:278 Resp: 4631
Ion Ratio Lower Upper
278 100
139 19.5 16.3 24.5
279 29.4 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.197 ng

RT: 27.54 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BE098138.D

Acq: 1 Nov 2018 9:53

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

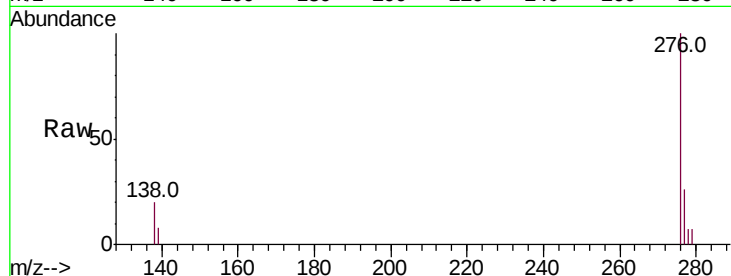
Tot Ion:276 Resp: 4713

Ion Ratio Lower Upper

276 100

277 26.1 22.1 33.1

138 19.6 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

