

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098623.D
 Acq On : 15 Jan 2019 12:08
 Operator : SJ/JU
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.4

Quant Time: Jan 15 13:09:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 12:58:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1160	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	5325	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3389	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	8269	0.40	ng	0.00
27) Chrysene-d12	21.41	240	9345	0.40	ng	0.00
34) Perylene-d12	23.92	264	8872	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	1202	0.44	ng	0.00
5) Phenol-d6	7.00	99	1764	0.46	ng	0.00
8) Nitrobenzene-d5	8.97	82	1633	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	3233	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	582	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5065	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	37946	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	7564	0.33	ng	0.00

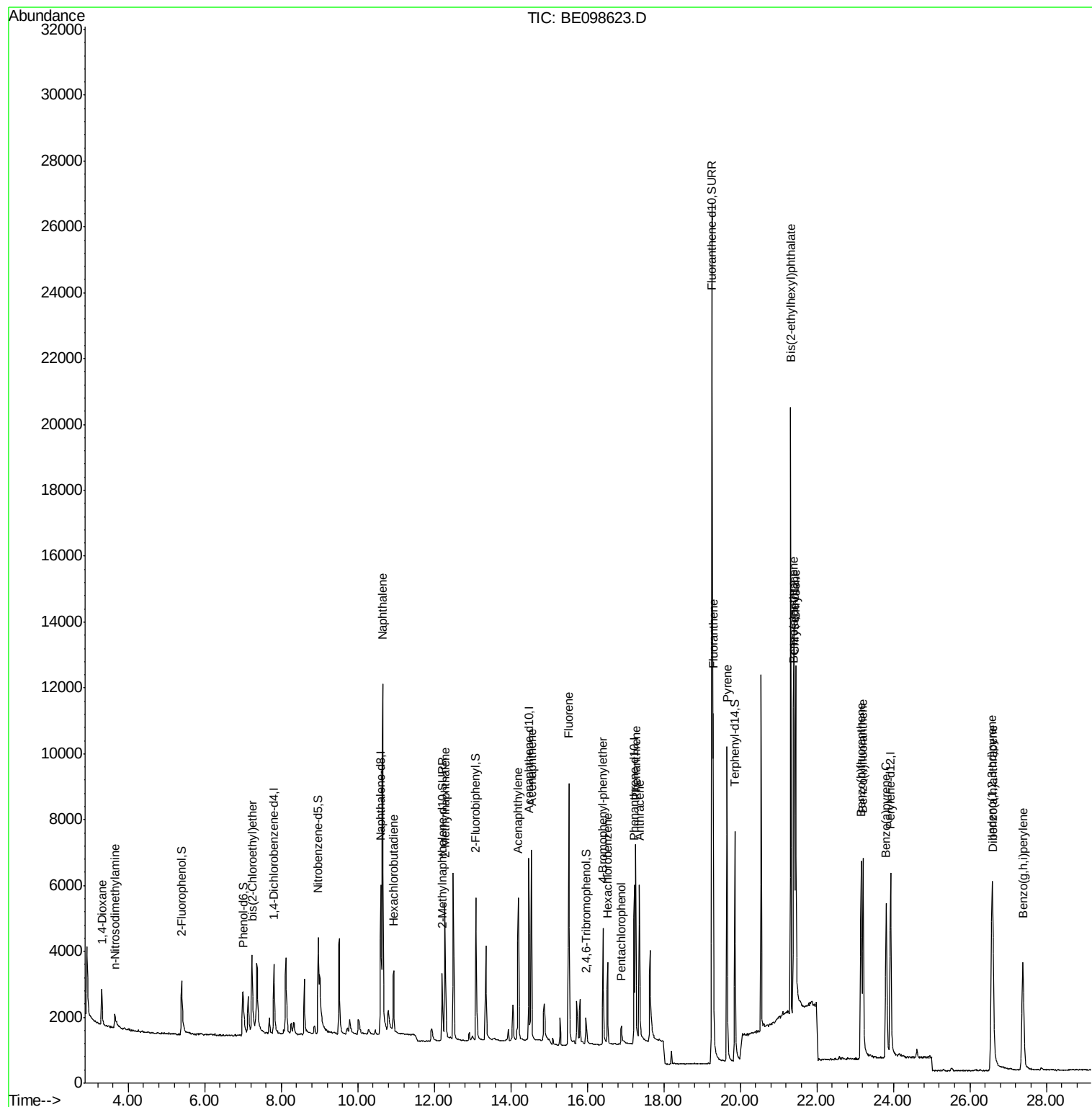
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	789	0.393	ng	100
3) n-Nitrosodimethylamine	3.65	42	641	0.355	ng	# 100
6) bis(2-Chloroethyl)ether	7.24	93	1229	0.336	ng	100
9) Naphthalene	10.65	128	19933	0.372	ng	100
10) Hexachlorobutadiene	10.94	225	1437	0.421	ng	100
12) 2-Methylnaphthalene	12.28	142	3236	0.372	ng	100
16) Acenaphthylene	14.20	152	5487	0.346	ng	100
17) Acenaphthene	14.54	154	3544	0.372	ng	99
18) Fluorene	15.52	166	4622	0.362	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1617	0.363	ng	100
21) Hexachlorobenzene	16.53	284	2016	0.421	ng	100
22) Pentachlorophenol	16.89	266	487	0.516	ng	100
23) Phenanthrene	17.27	178	7326	0.365	ng	100
24) Anthracene	17.36	178	6067	0.339	ng	100
26) Fluoranthene	19.29	202	9311	0.350	ng	100
28) Pyrene	19.65	202	9792	0.334	ng	100
30) Benzo(a)anthracene	21.39	228	9418	0.354	ng	100
31) Chrysene	21.45	228	9781	0.351	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	18829	0.348	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	10288	0.371	ng	100
35) Benzo(b)fluoranthene	23.15	252	9045	0.373	ng	100
36) Benzo(k)fluoranthene	23.20	252	10251	0.363	ng	100
37) Benzo(a)pyrene	23.81	252	9006	0.360	ng	100
38) Dibenzo(a,h)anthracene	26.60	278	7917	0.336	ng	100
39) Benzo(g,h,i)perylene	27.39	276	8905	0.375	ng	100

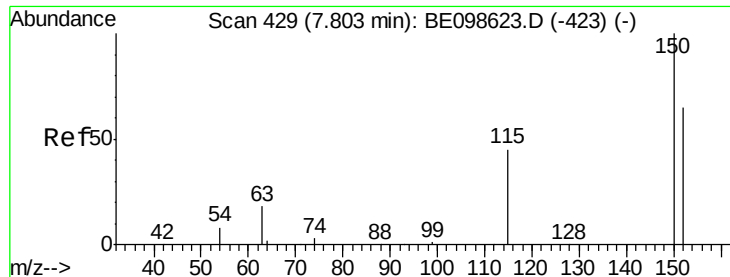
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 13:09:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 12:58:38 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

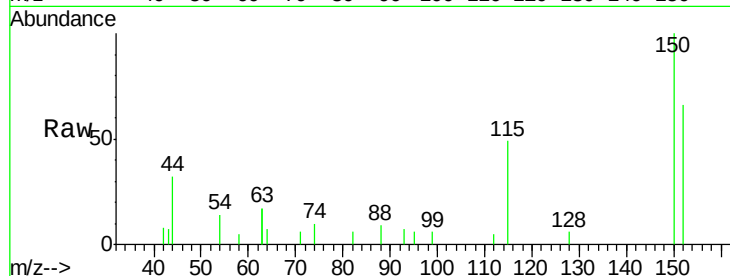
Tgt Ion:152 Resp: 1160

Ion Ratio Lower Upper

152 100

150 151.8 121.4 182.2

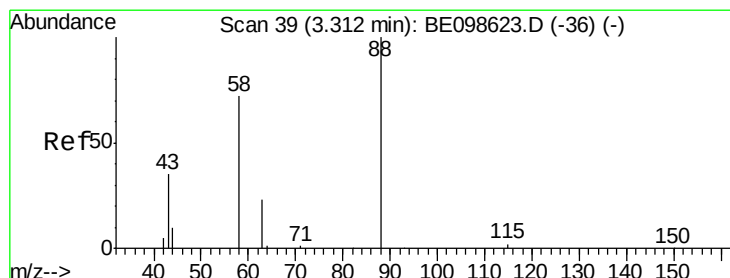
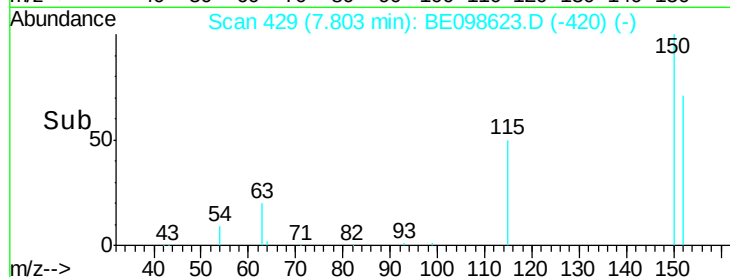
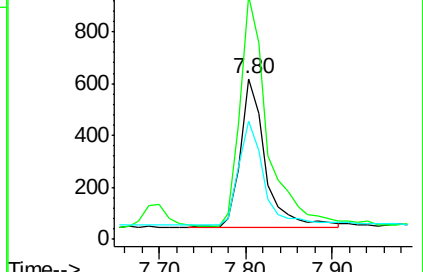
115 73.9 59.1 88.7



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: 0.393 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

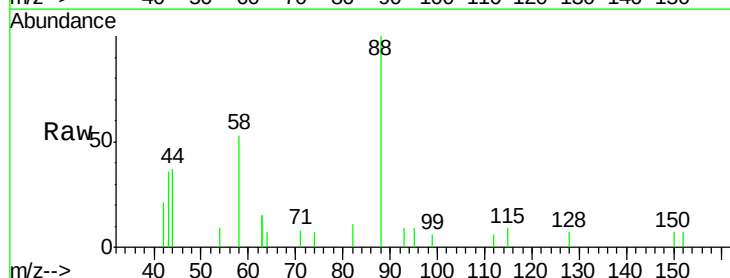
Tgt Ion: 88 Resp: 789

Ion Ratio Lower Upper

88 100

58 92.4 73.9 110.9

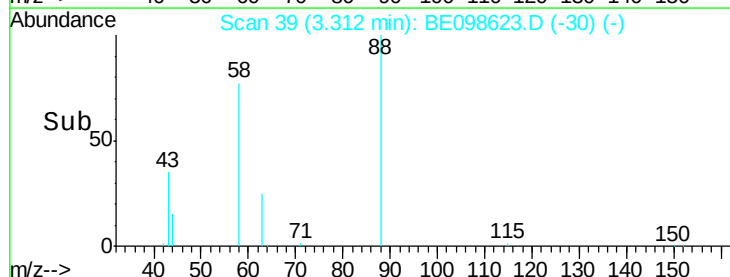
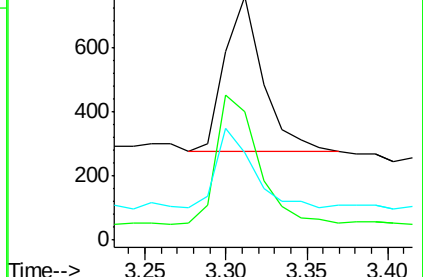
43 54.6 43.7 65.5

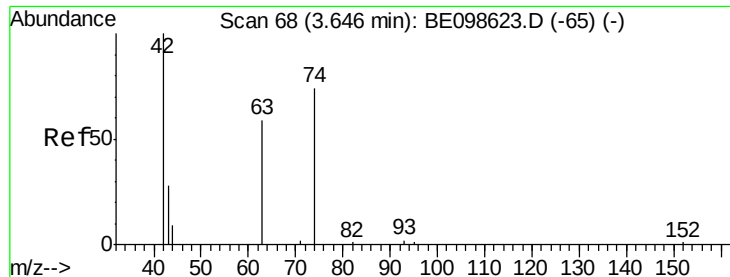


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

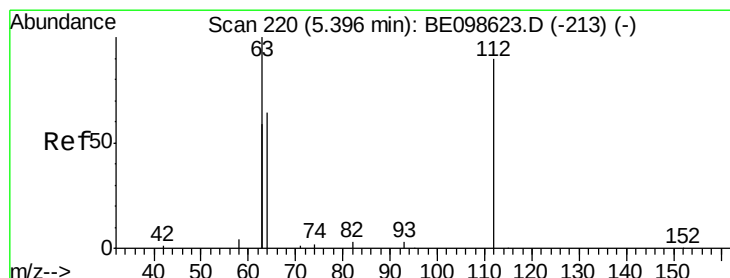
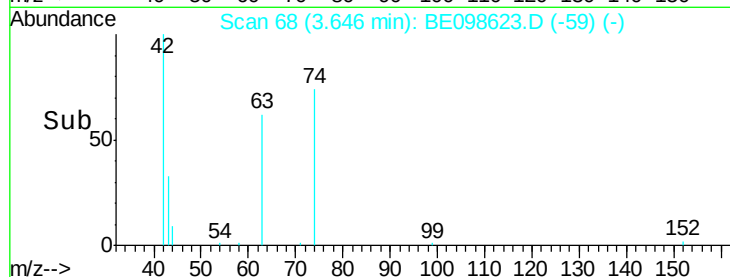
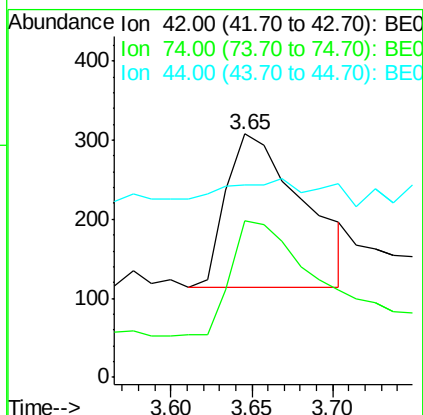
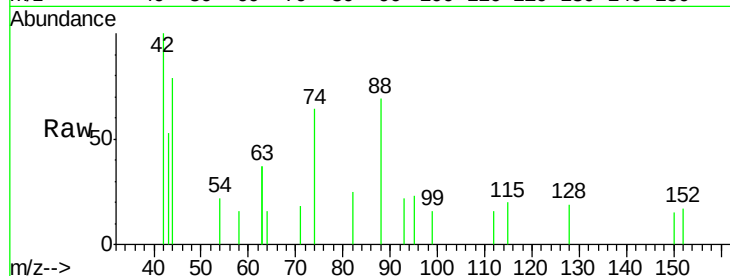




#3
 n-Nitrosodimethylamine
 Concen: 0.355 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE098623.D
 Acq: 15 Jan 2019 12:08

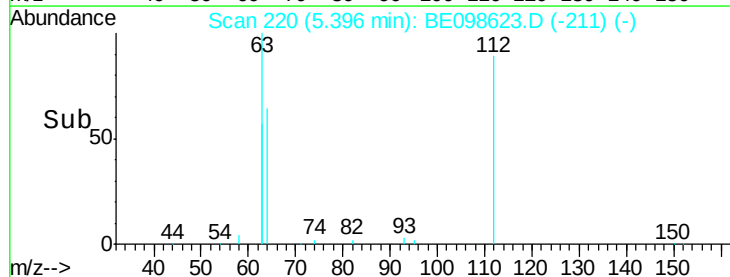
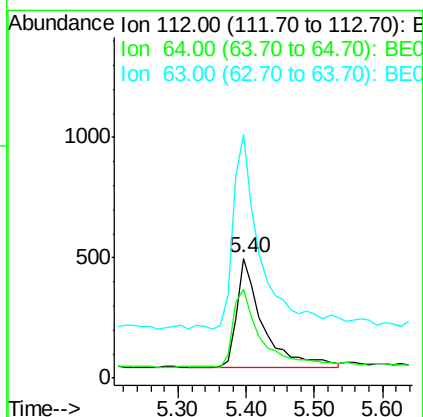
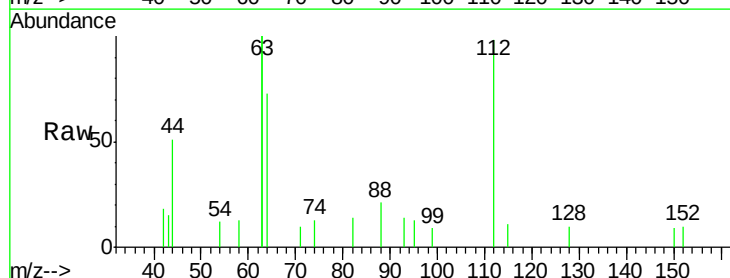
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.4

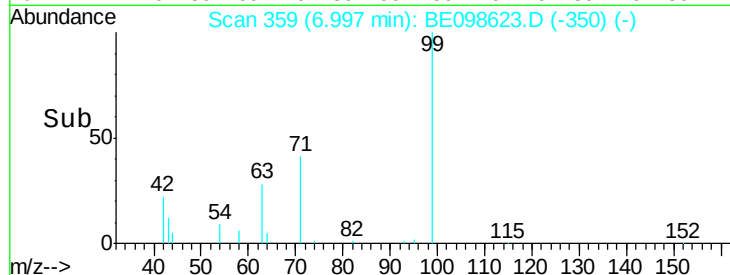
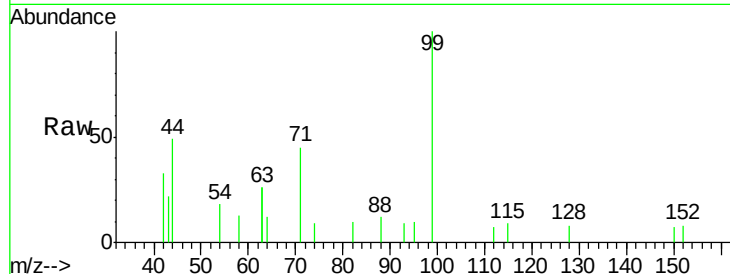
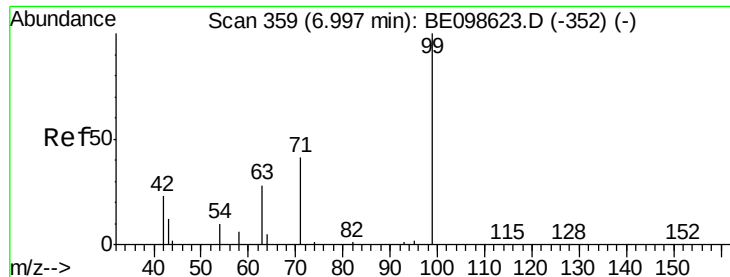
Tgt Ion: 42 Resp: 641
 Ion Ratio Lower Upper
 42 100
 74 73.3 58.9 88.3
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.443 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BE098623.D
 Acq: 15 Jan 2019 12:08

Tgt Ion: 112 Resp: 1202
 Ion Ratio Lower Upper
 112 100
 64 78.6 62.9 94.3
 63 190.3 152.2 228.4

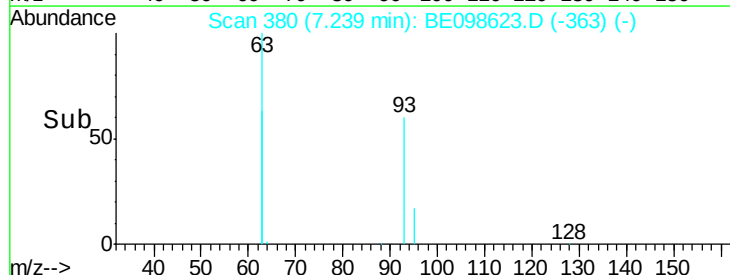
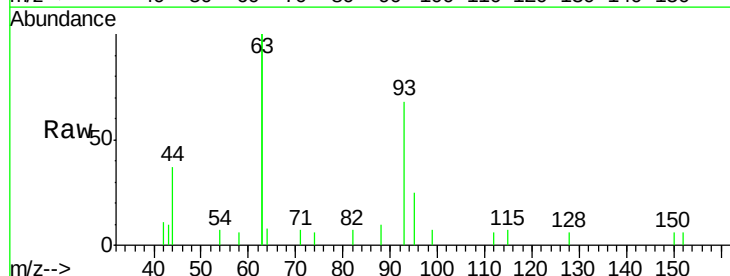
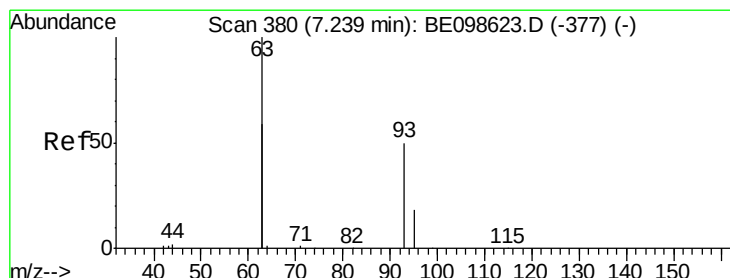
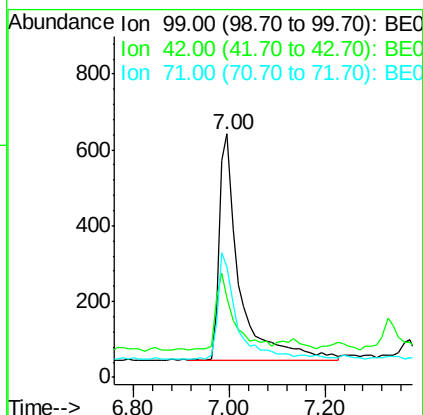




#5
 Phenol-d6
 Concen: 0.459 ng
 RT: 7.00 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: BE098623.D
 Acq: 15 Jan 2019 12:08

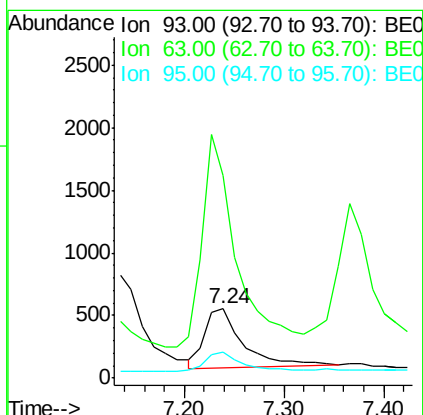
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.4

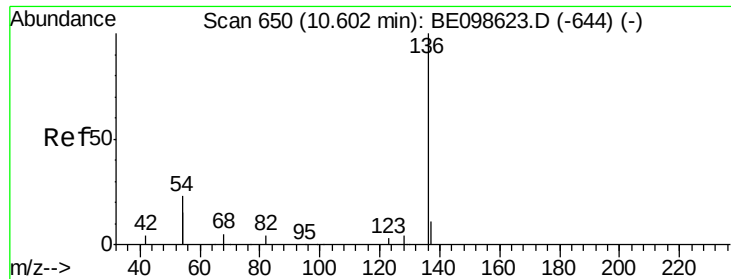
Tgt Ion: 99 Resp: 1764
 Ion Ratio Lower Upper
 99 100
 42 30.8 24.6 37.0
 71 43.9 35.1 52.7



#6
 bis(2-Chloroethyl)ether
 Concen: 0.336 ng
 RT: 7.24 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BE098623.D
 Acq: 15 Jan 2019 12:08

Tgt Ion: 93 Resp: 1229
 Ion Ratio Lower Upper
 93 100
 63 334.1 267.3 400.9
 95 32.8 26.2 39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 5325

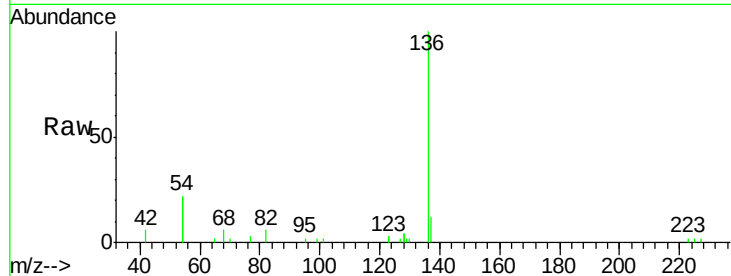
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 44.4 35.5 53.3

68 6.3 5.0 7.6

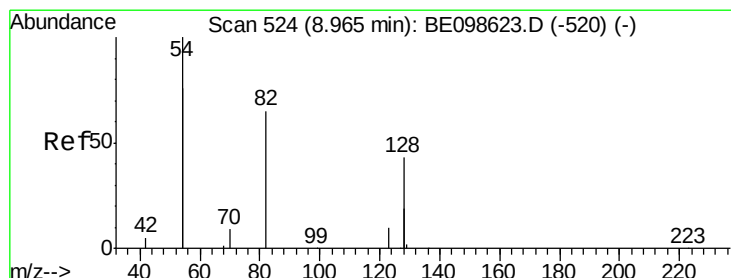
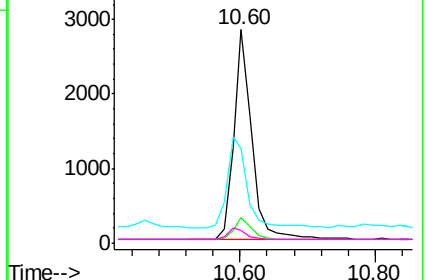
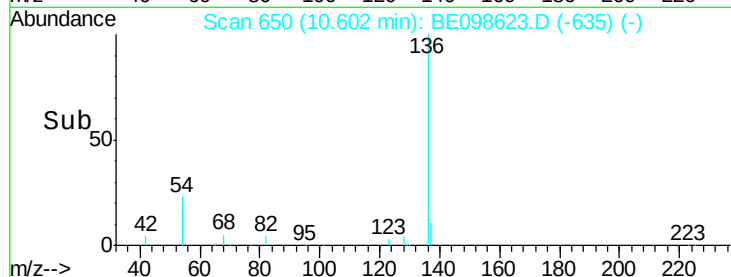


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.337 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

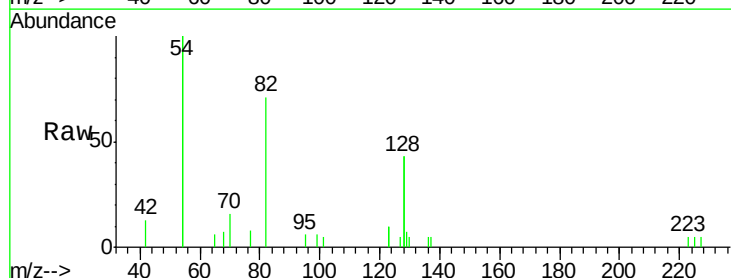
Tgt Ion: 82 Resp: 1633

Ion Ratio Lower Upper

82 100

128 120.6 96.5 144.7

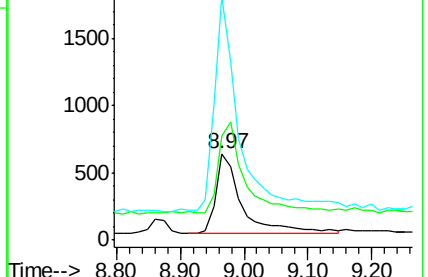
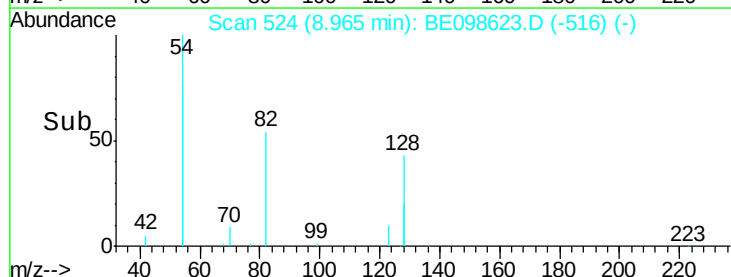
54 280.9 224.7 337.1

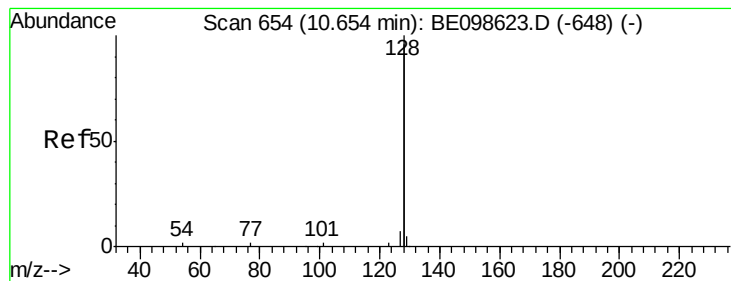


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.372 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

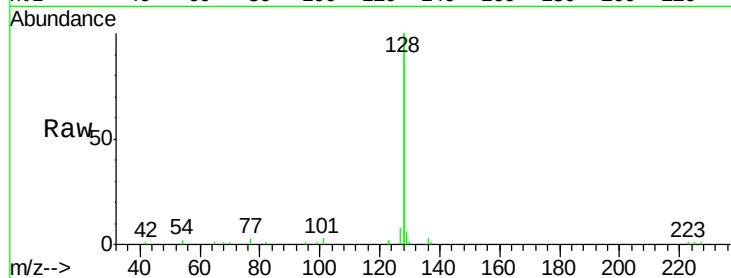
Tgt Ion:128 Resp: 19933

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

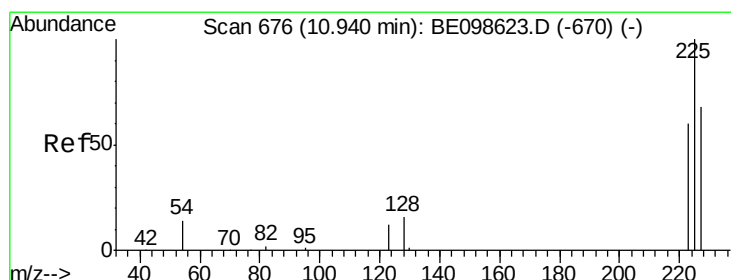
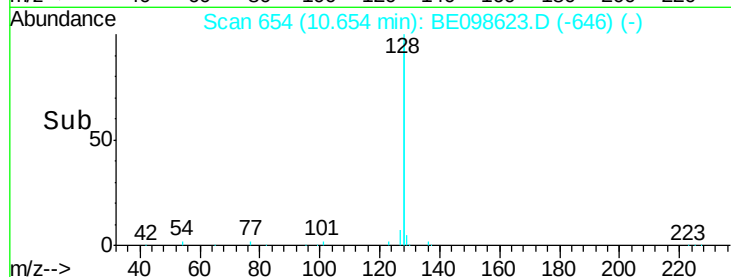
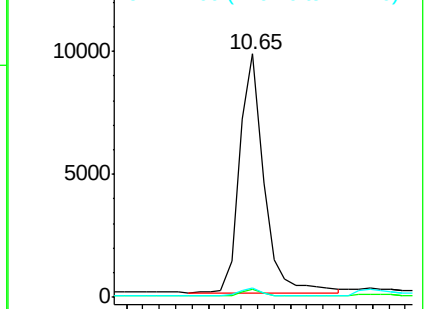
127 3.8 3.0 4.6



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: 0.421 ng

RT: 10.94 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

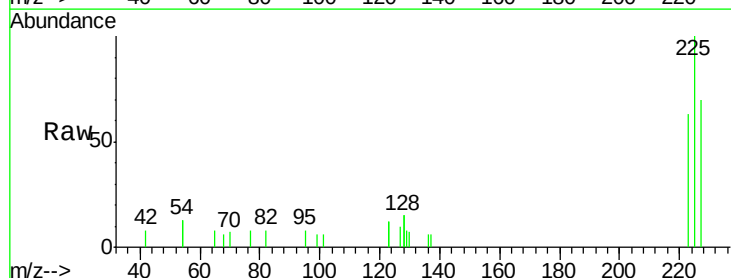
Tgt Ion:225 Resp: 1437

Ion Ratio Lower Upper

225 100

223 59.6 47.8 71.8

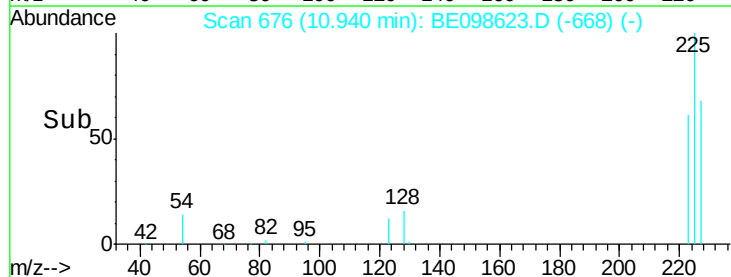
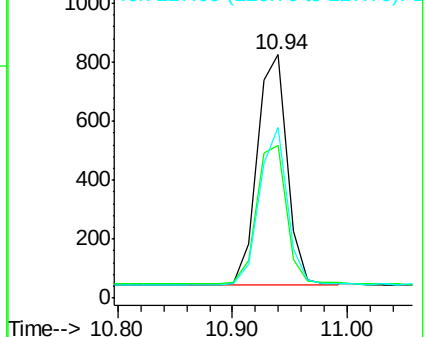
227 62.8 50.5 75.7

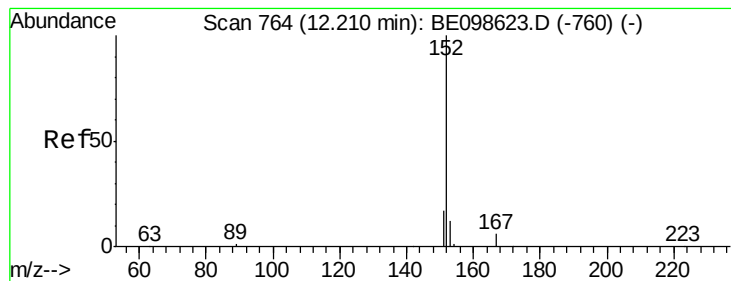


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.373 ng

RT: 12.21 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

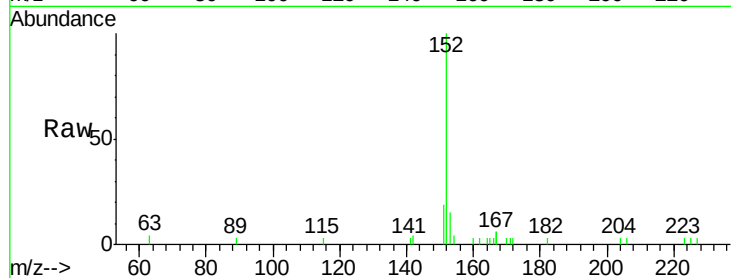
SSTDICCC0.4

Tgt Ion:152 Resp: 3233

Ion Ratio Lower Upper

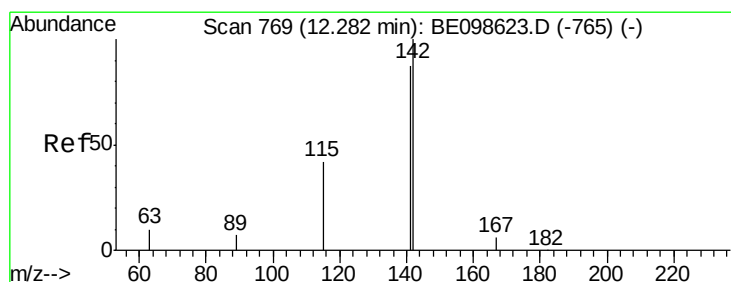
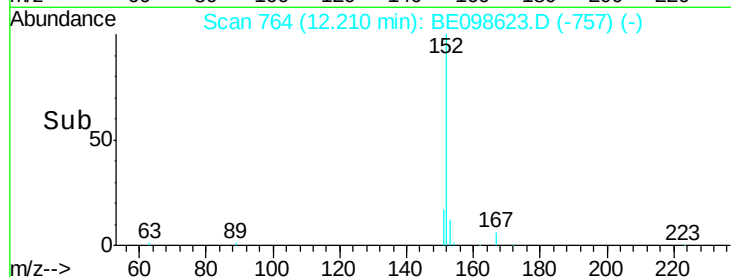
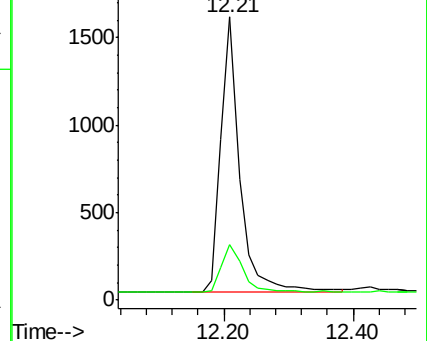
152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 12.28 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

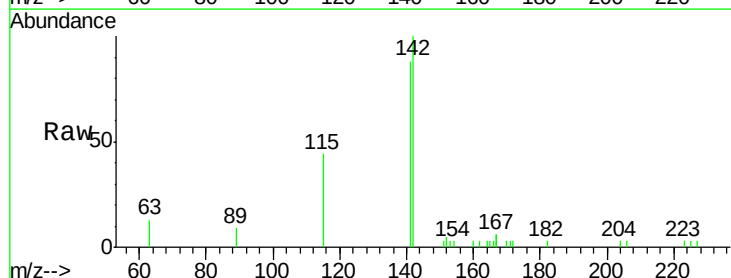
Tgt Ion:142 Resp: 3236

Ion Ratio Lower Upper

142 100

141 87.5 70.0 105.0

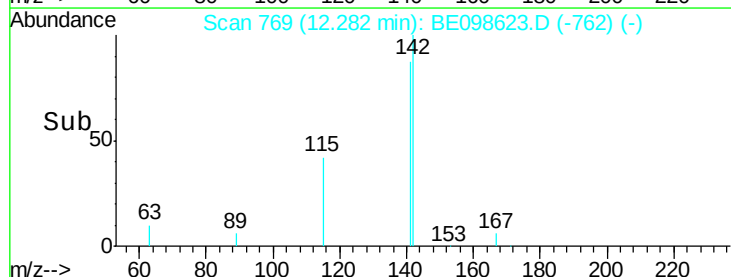
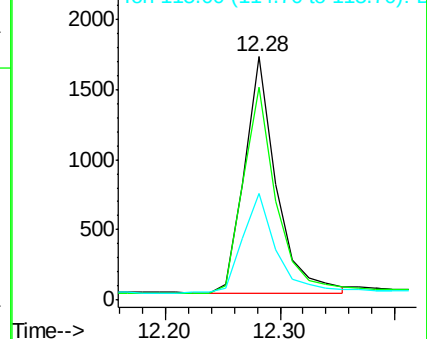
115 44.0 35.2 52.8

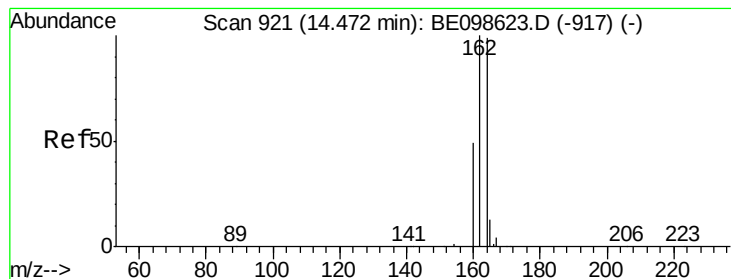


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

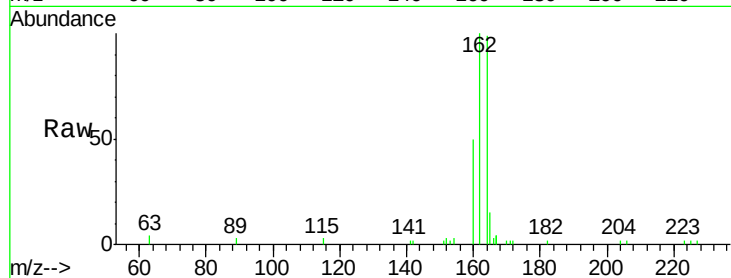
Tgt Ion:164 Resp: 3389

Ion Ratio Lower Upper

164 100

162 100.6 80.5 120.7

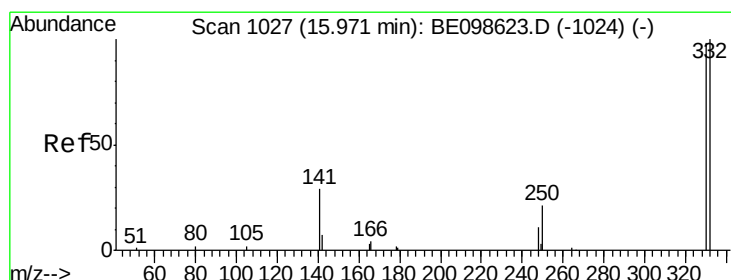
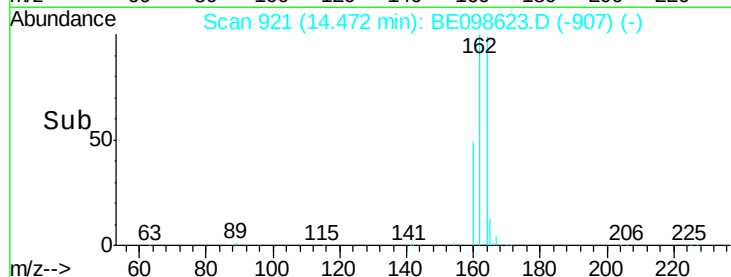
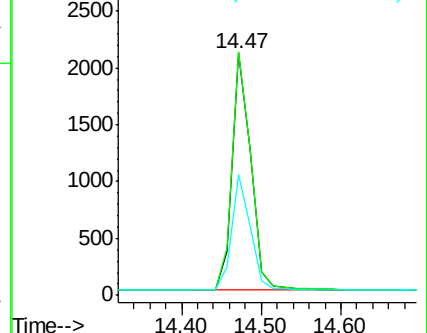
160 50.1 40.1 60.1



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: 0.468 ng

RT: 15.97 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

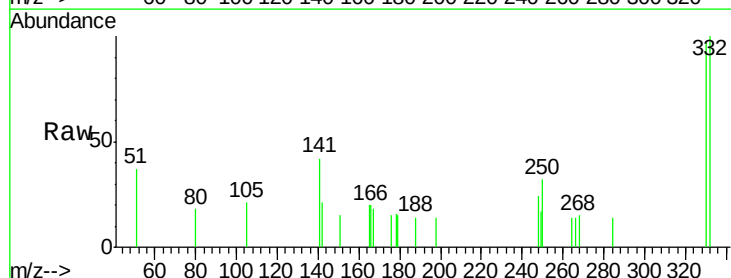
Tgt Ion:330 Resp: 582

Ion Ratio Lower Upper

330 100

332 91.6 73.3 109.9

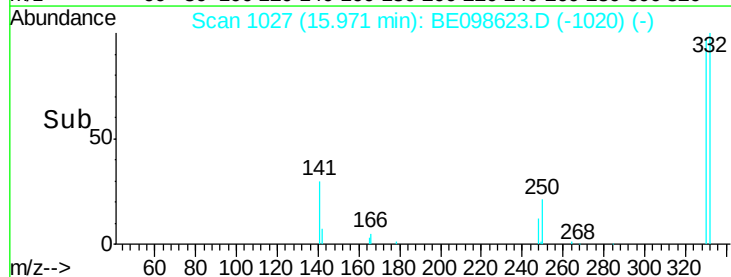
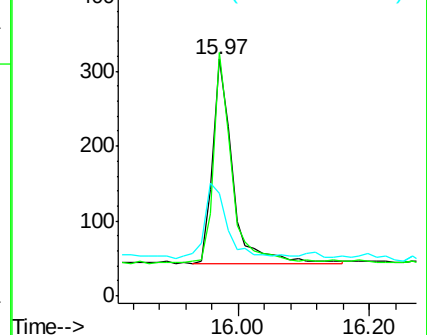
141 41.4 33.1 49.7

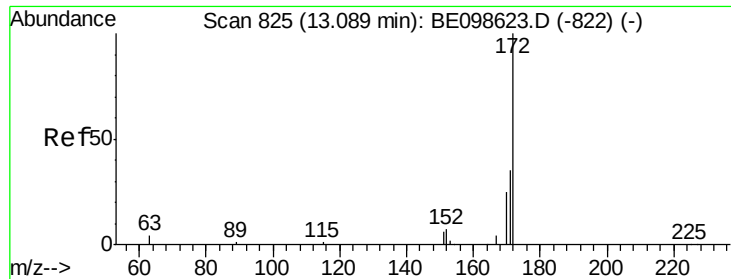


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

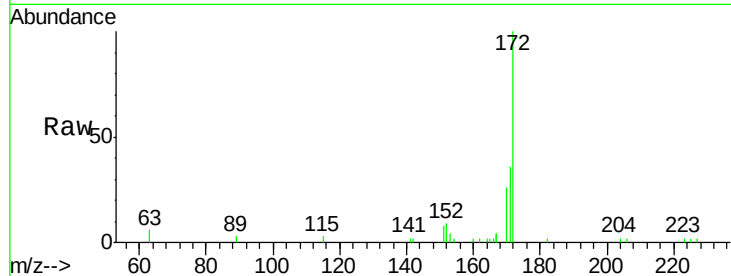




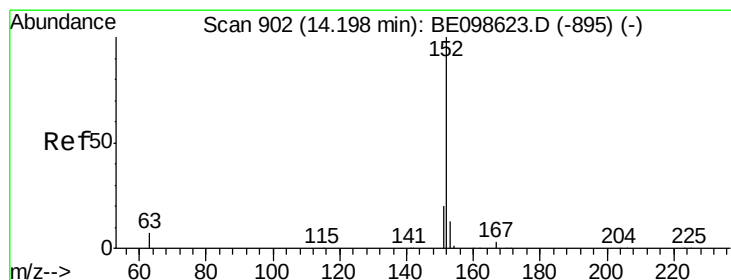
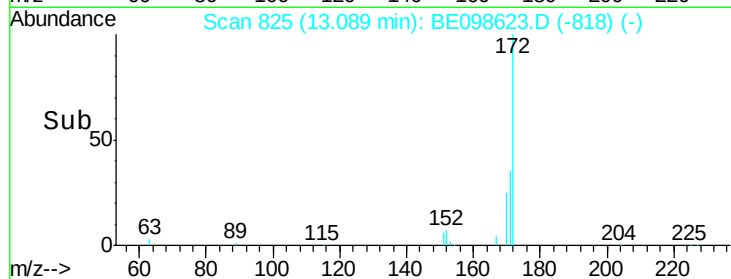
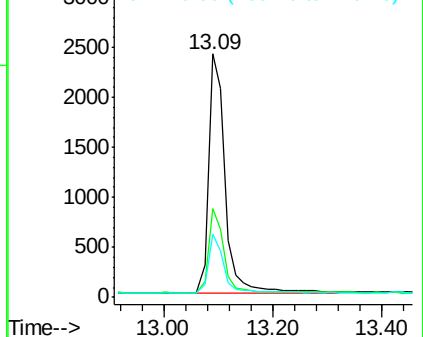
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.09 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE098623.D
Acq: 15 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 5065
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 26.0 20.8 31.2

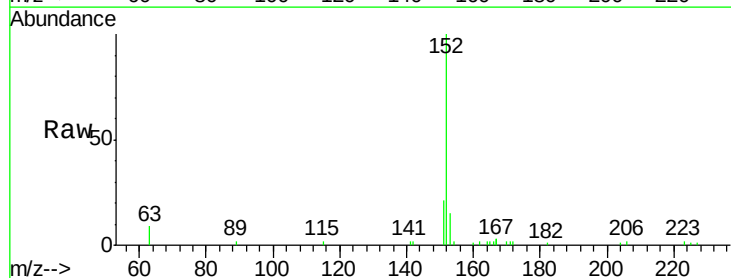


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

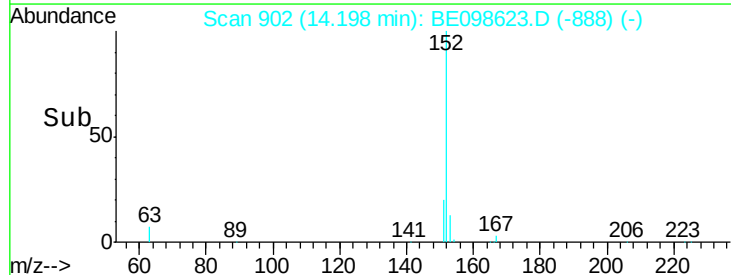
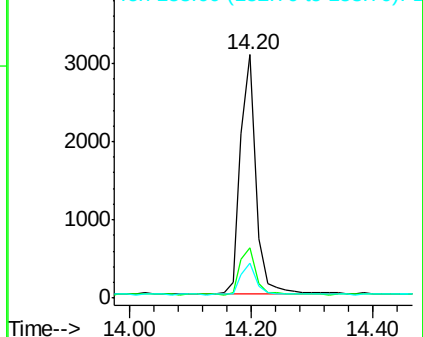


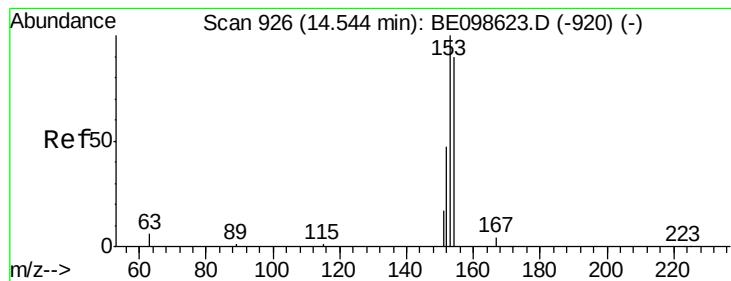
#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.20 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE098623.D
Acq: 15 Jan 2019 12:08

Tgt Ion:152 Resp: 5487
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1



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: 0.372 ng

RT: 14.54 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

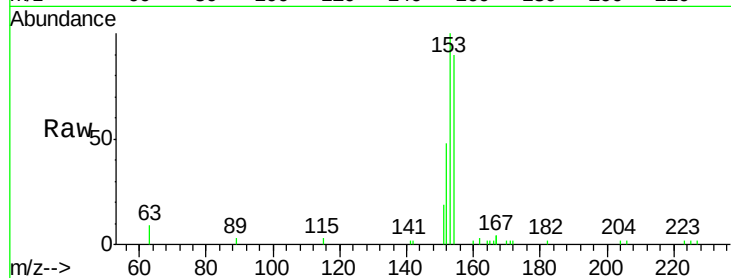
Tgt Ion:154 Resp: 3544

Ion Ratio Lower Upper

154 100

153 118.5 93.9 140.9

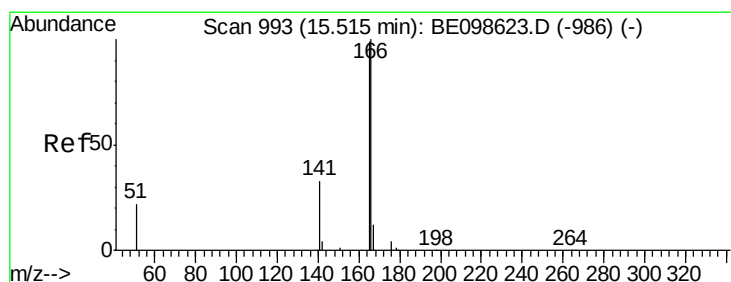
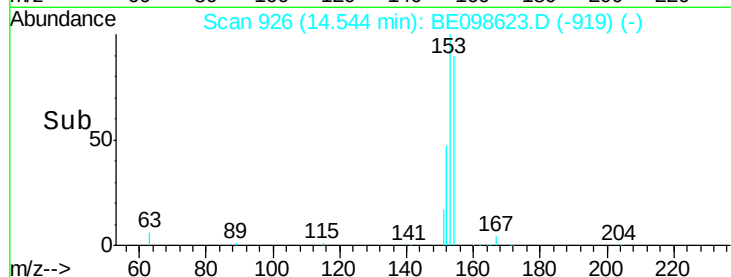
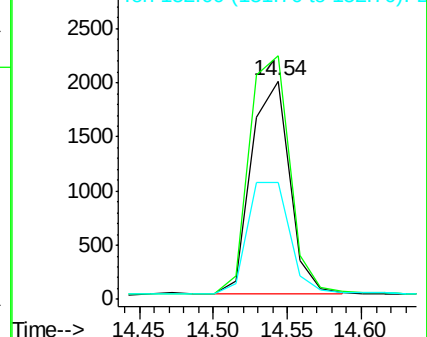
152 57.8 45.8 68.8



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: 0.362 ng

RT: 15.52 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

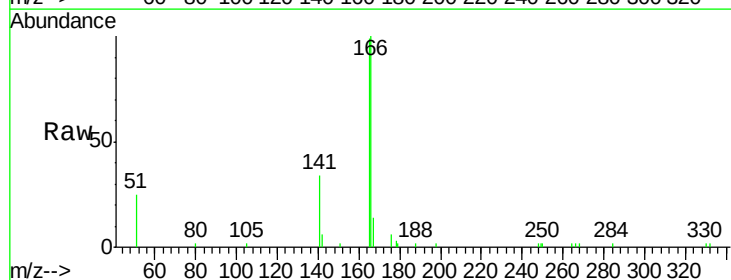
Tgt Ion:166 Resp: 4622

Ion Ratio Lower Upper

166 100

165 99.1 79.3 118.9

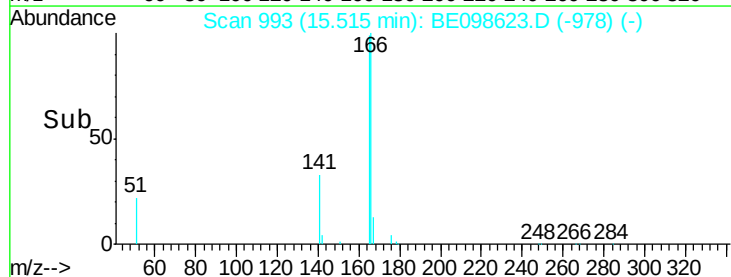
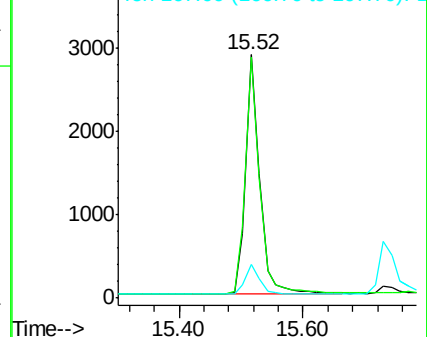
167 13.2 10.6 15.8

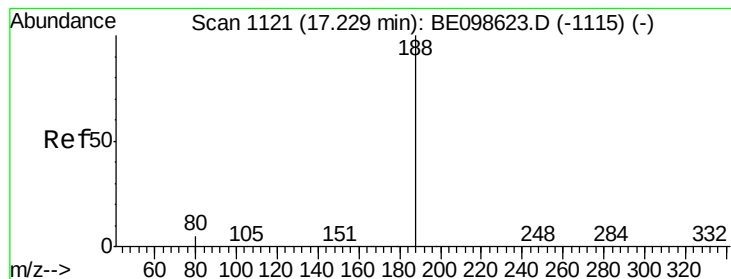


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

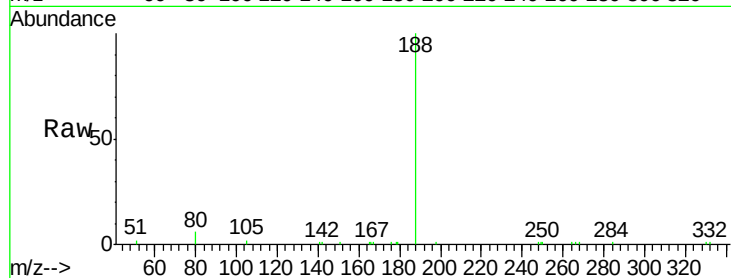
Tgt Ion:188 Resp: 8269

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

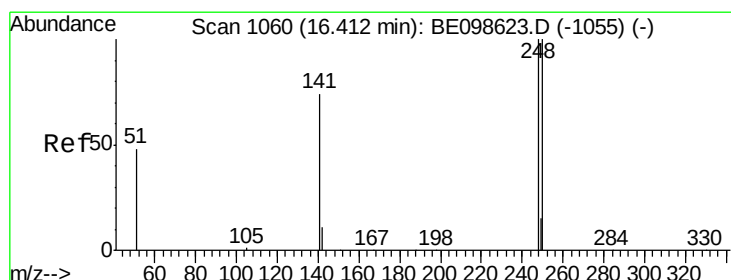
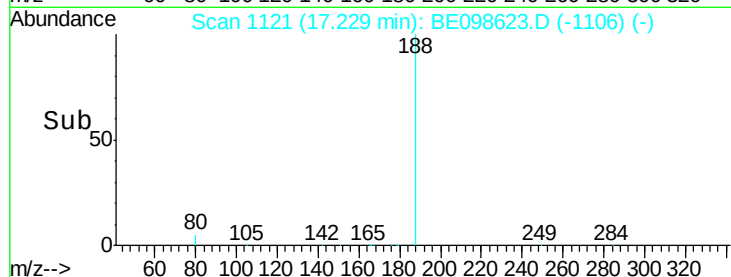
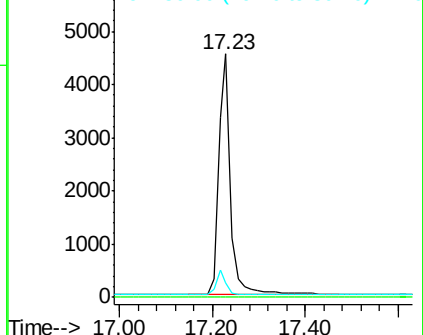
80 5.9 4.7 7.1



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: 0.363 ng

RT: 16.41 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

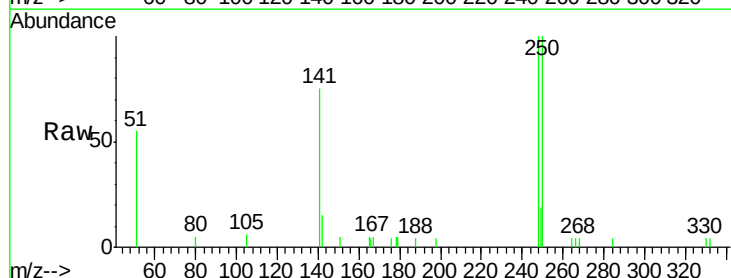
Tgt Ion:248 Resp: 1617

Ion Ratio Lower Upper

248 100

250 100.3 80.2 120.4

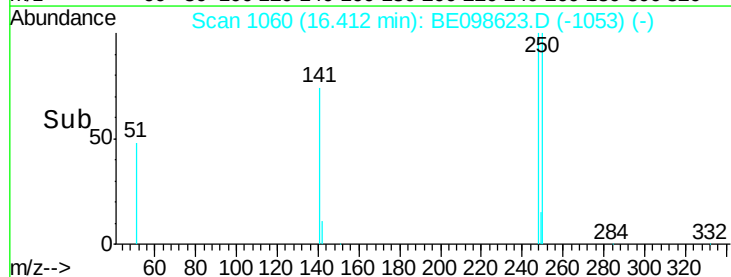
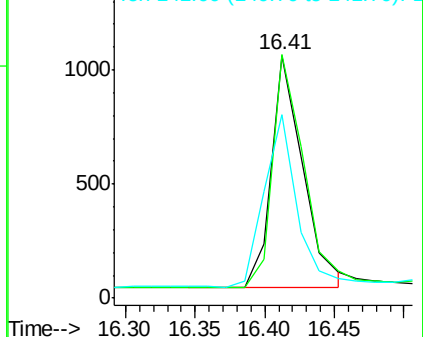
141 75.6 60.5 90.7

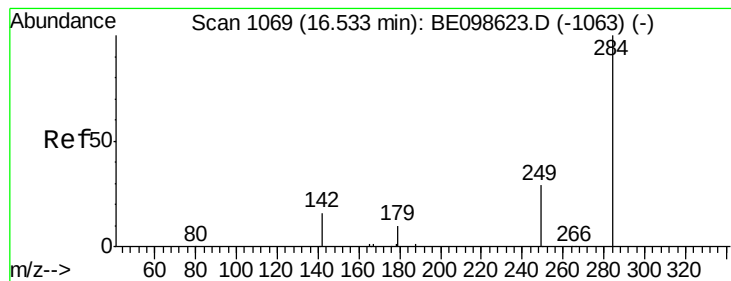


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.421 ng

RT: 16.53 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

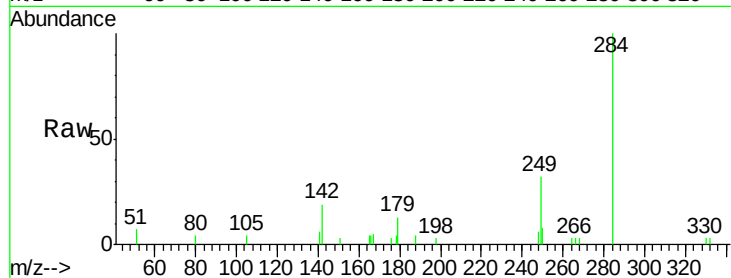
Tgt Ion:284 Resp: 2016

Ion Ratio Lower Upper

284 100

142 32.0 25.5 38.3

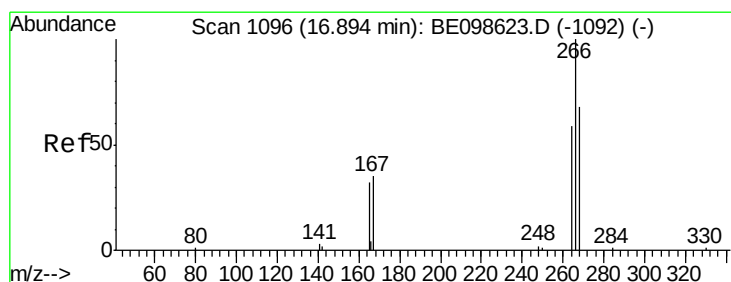
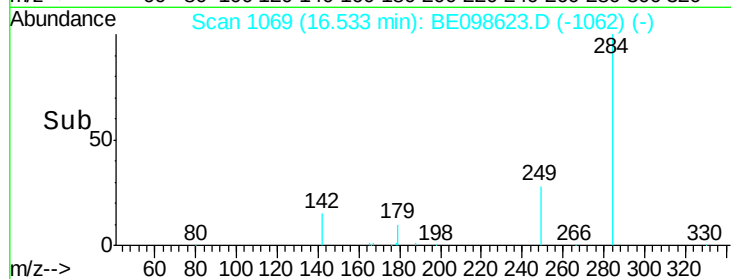
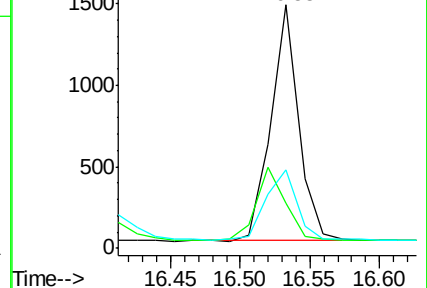
249 33.3 26.6 39.8



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: 0.516 ng

RT: 16.89 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

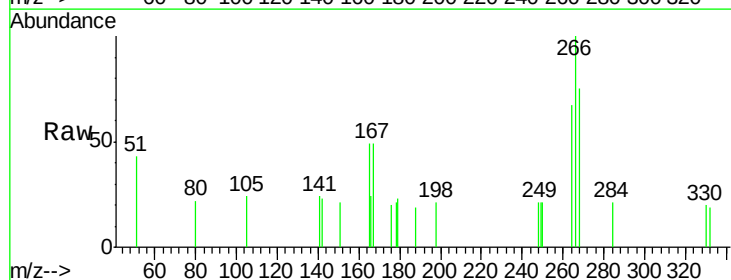
Tgt Ion:266 Resp: 487

Ion Ratio Lower Upper

266 100

264 67.1 53.7 80.5

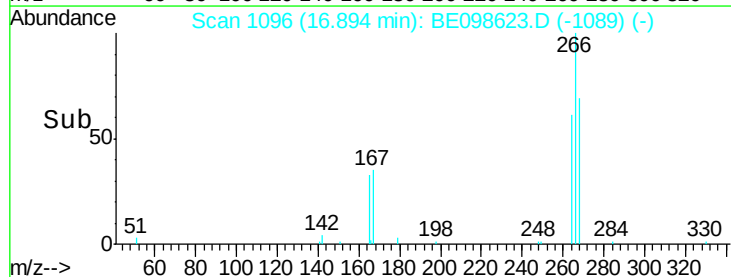
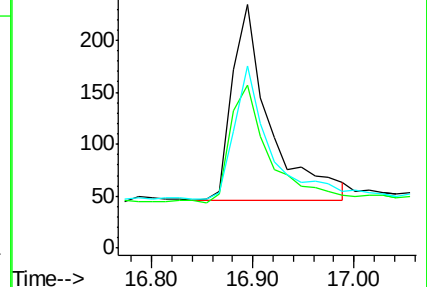
268 74.8 59.8 89.8

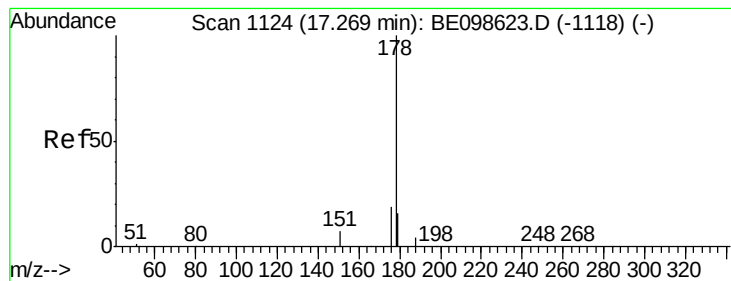


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.365 ng

RT: 17.27 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

SSTDICCC0.4

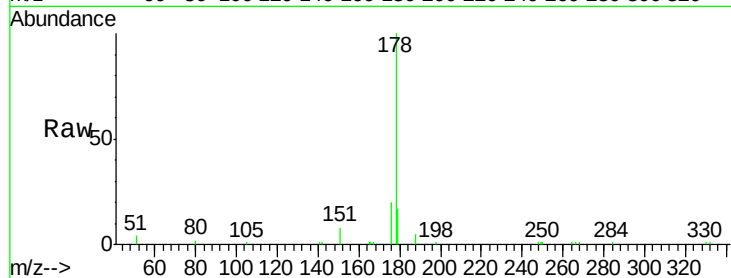
Tgt Ion:178 Resp: 7326

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

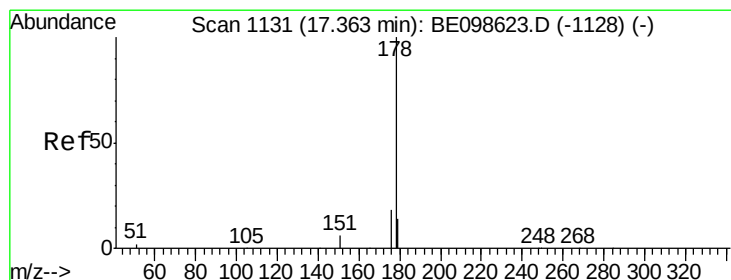
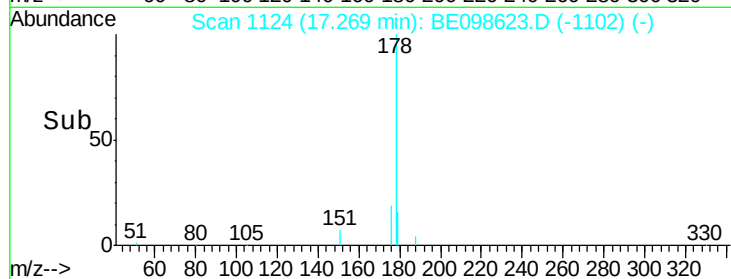
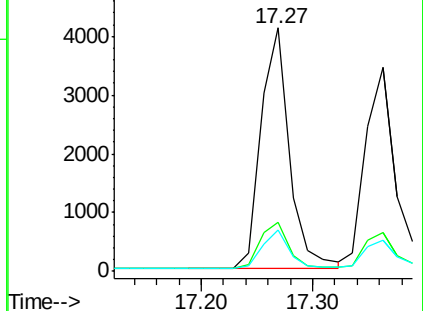
179 15.3 12.2 18.4



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: 0.339 ng

RT: 17.36 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

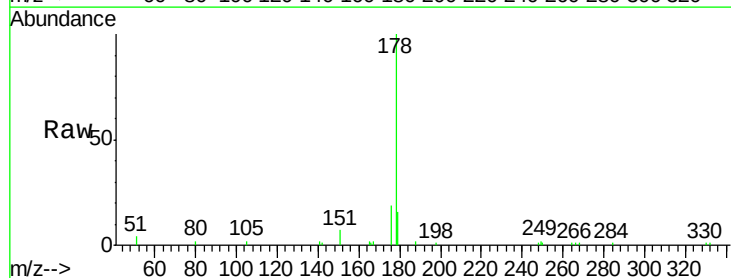
Tgt Ion:178 Resp: 6067

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

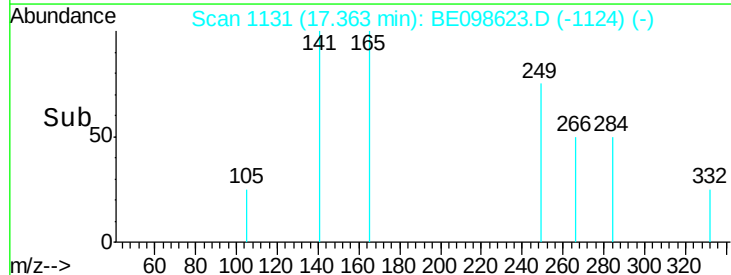
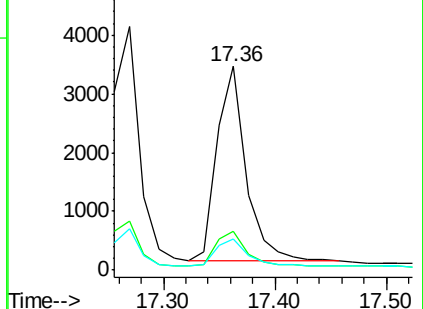
179 14.8 11.8 17.8

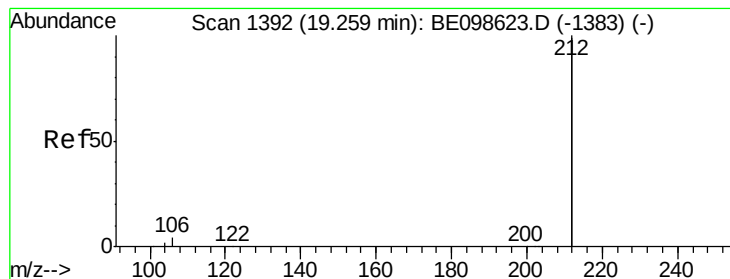


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

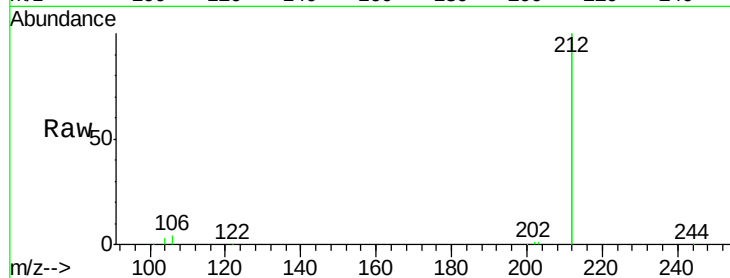
Tgt Ion:212 Resp: 37946

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

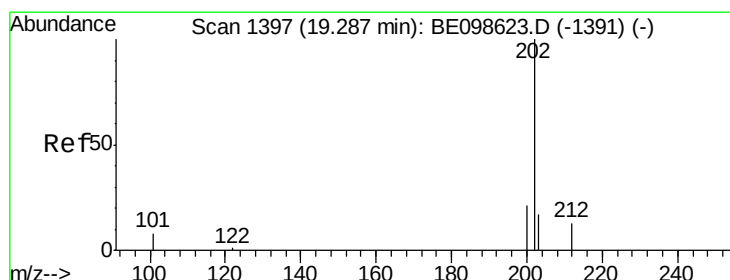
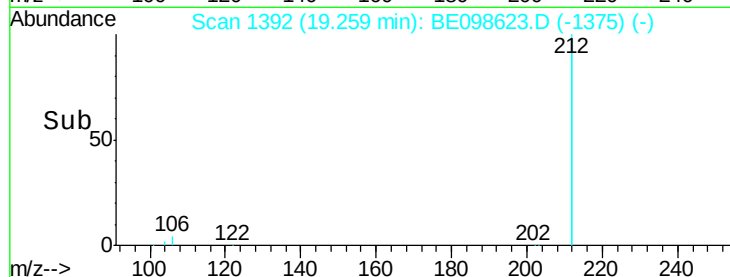
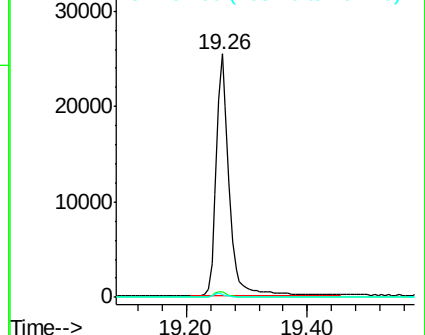
104 1.3 1.0 1.6



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: 0.350 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

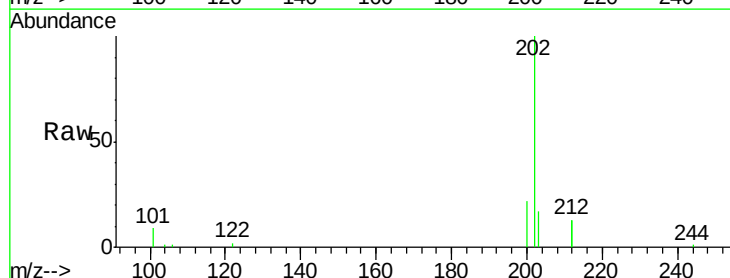
Tgt Ion:202 Resp: 9311

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

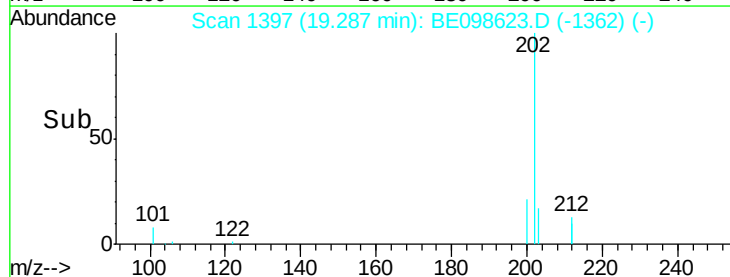
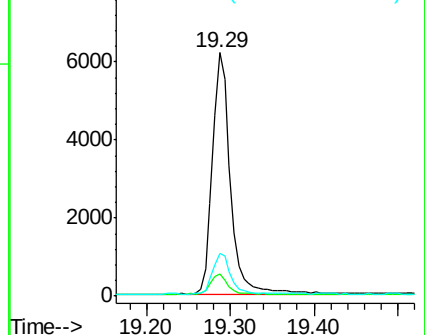
203 16.6 13.3 19.9

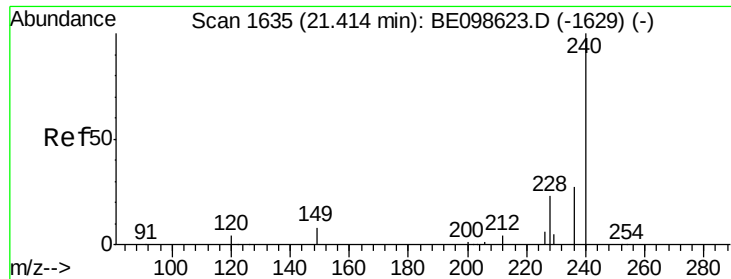


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

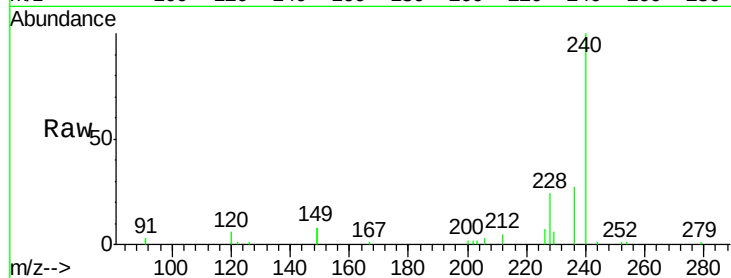




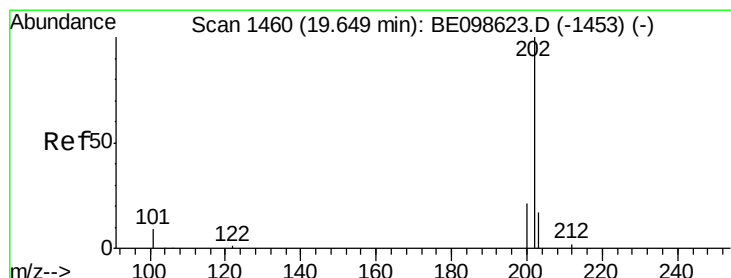
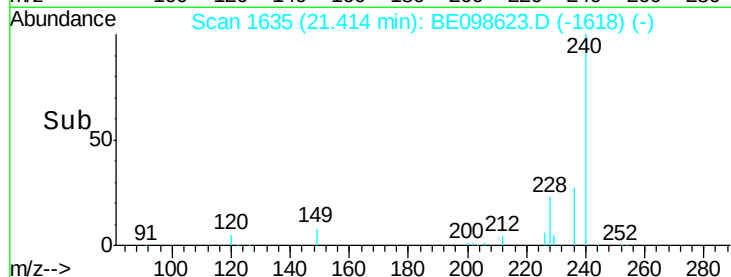
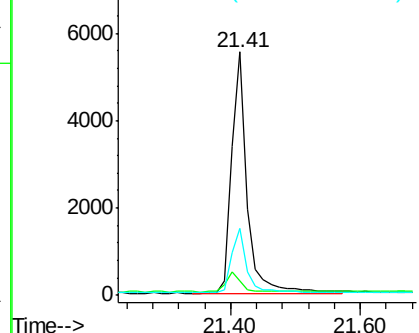
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BE098623.D
 Acq: 15 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:240 Resp: 9345
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.7 7.1
 236 27.4 21.9 32.9

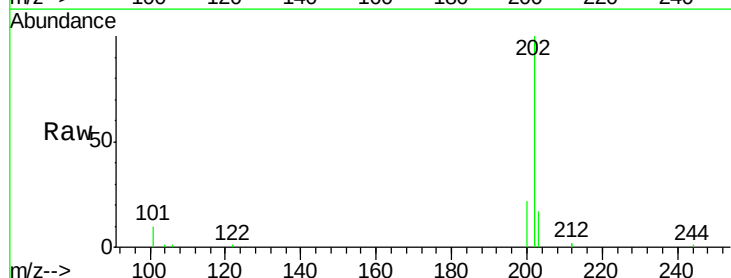


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

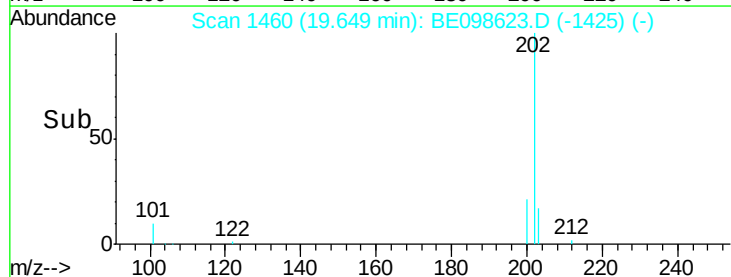
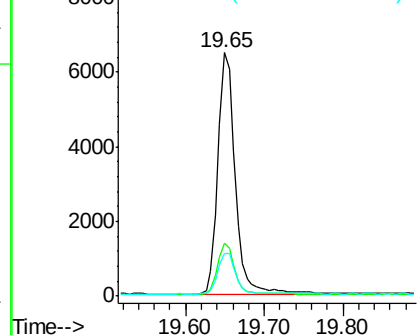


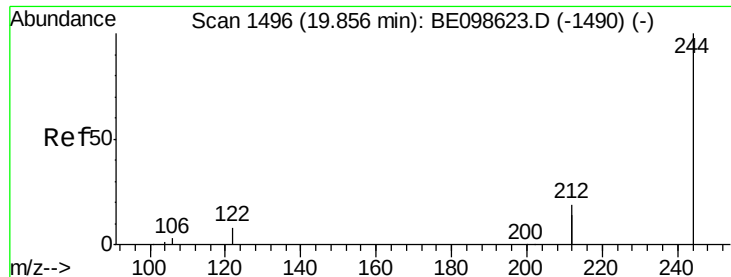
#28
 Pyrene
 Concen: 0.334 ng
 RT: 19.65 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BE098623.D
 Acq: 15 Jan 2019 12:08

Tgt Ion:202 Resp: 9792
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.6
 203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

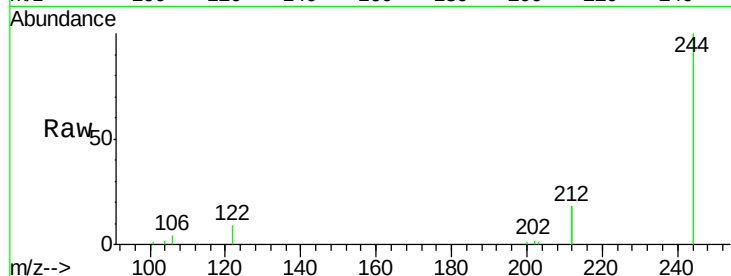
Tgt Ion:244 Resp: 7564

Ion Ratio Lower Upper

244 100

212 36.8 29.4 44.2

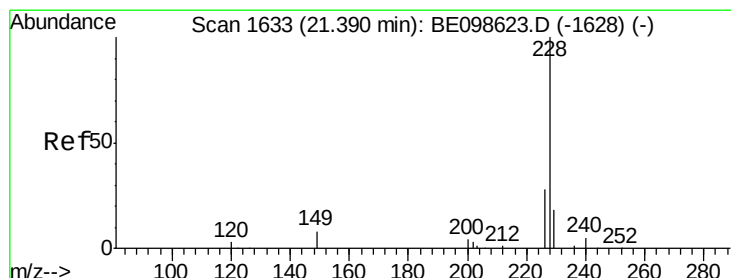
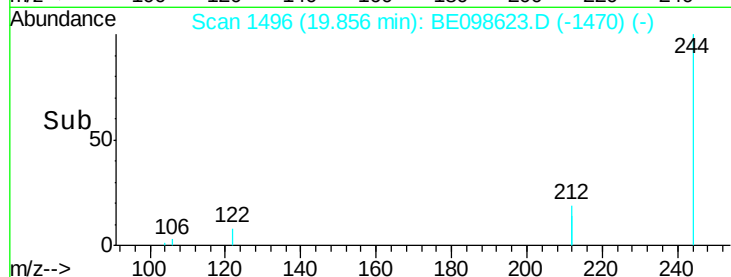
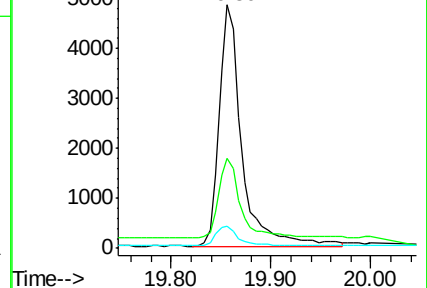
122 8.9 7.1 10.7



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: 0.354 ng

RT: 21.39 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

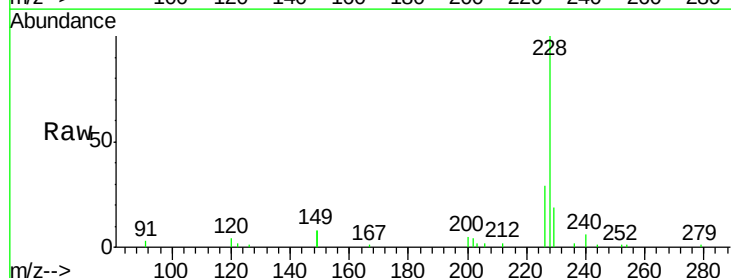
Tgt Ion:228 Resp: 9418

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

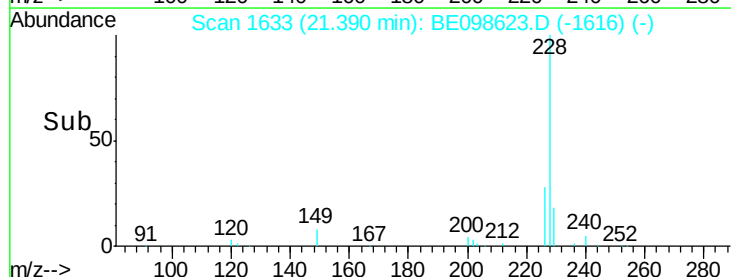
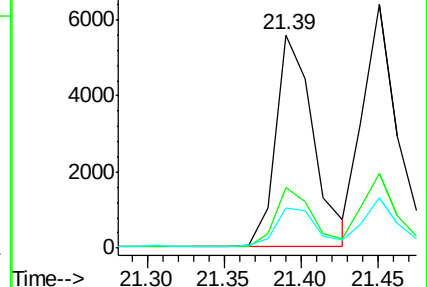
229 18.8 15.0 22.6

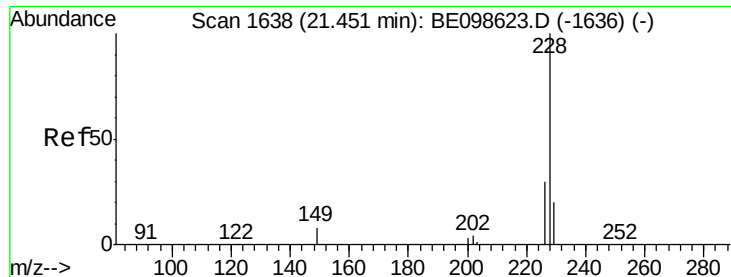


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.351 ng

RT: 21.45 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

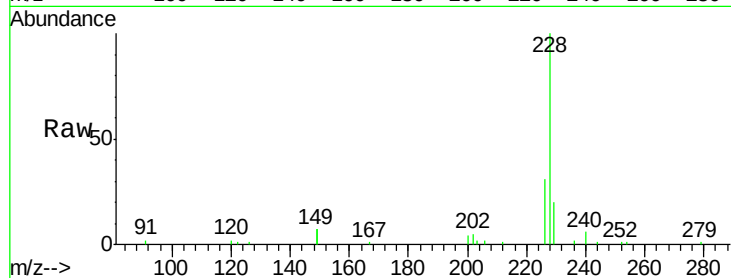
Tgt Ion:228 Resp: 9781

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

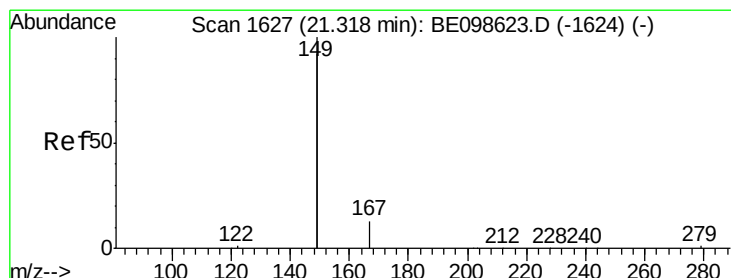
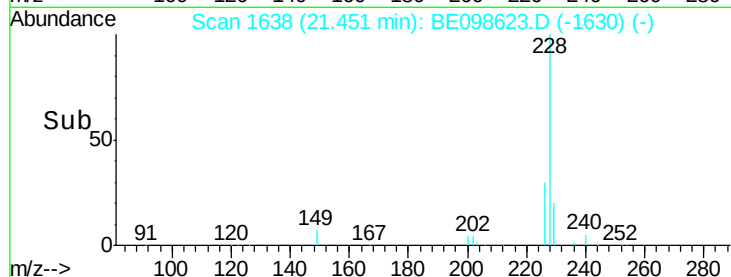
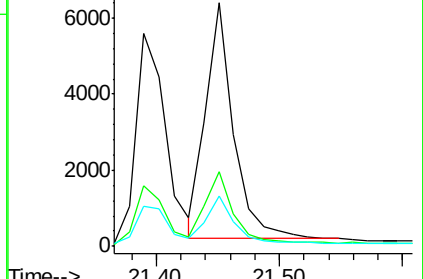
229 20.5 16.4 24.6



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: 0.348 ng

RT: 21.32 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

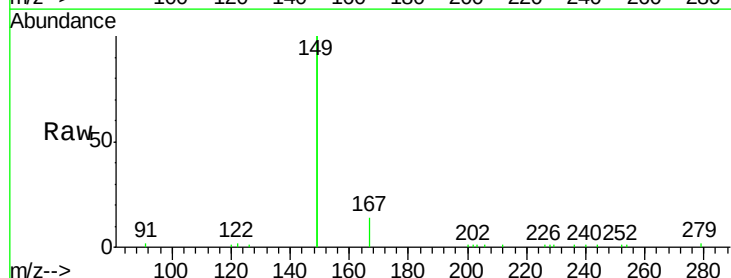
Tgt Ion:149 Resp: 18829

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.2

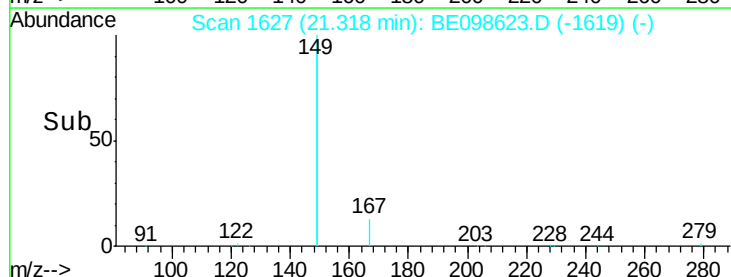
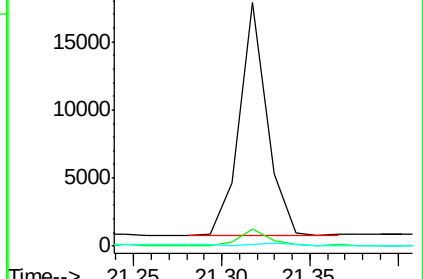
279 1.2 1.0 1.4

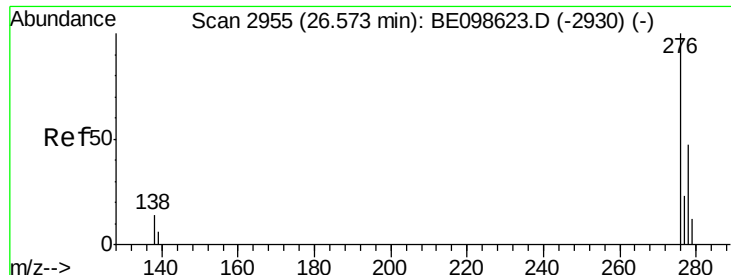


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.371 ng

RT: 26.57 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

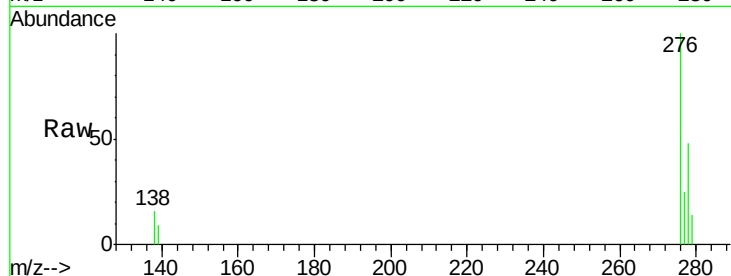
Tgt Ion:276 Resp: 10288

Ion Ratio Lower Upper

276 100

138 16.6 13.3 19.9

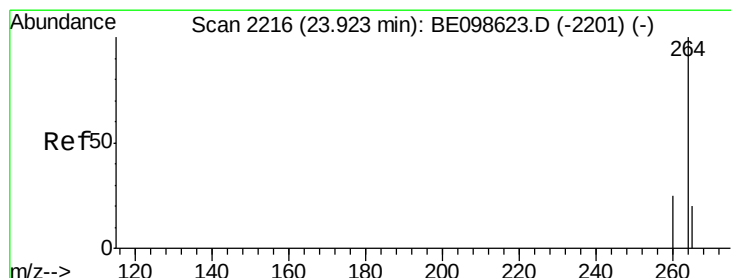
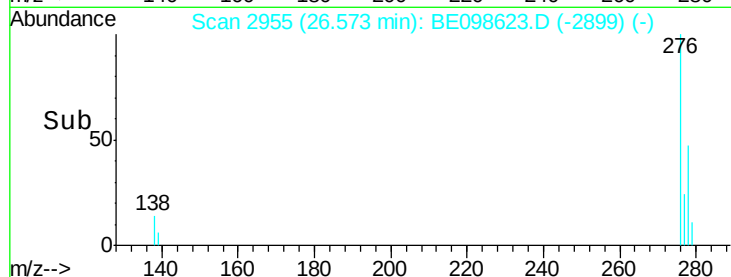
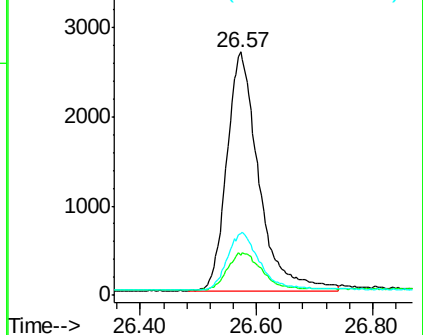
277 24.2 19.4 29.0



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: 23.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

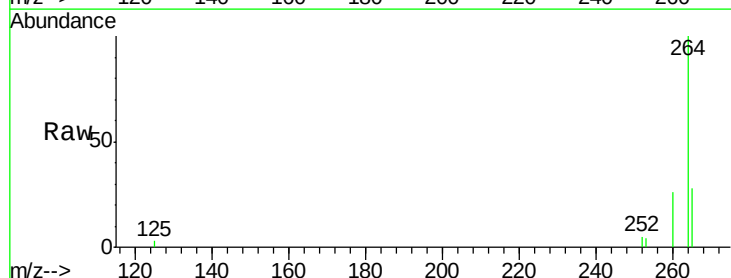
Tgt Ion:264 Resp: 8872

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

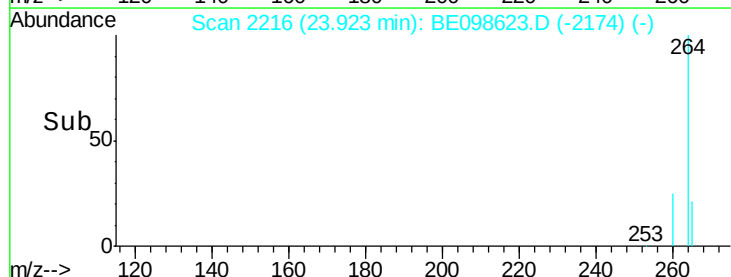
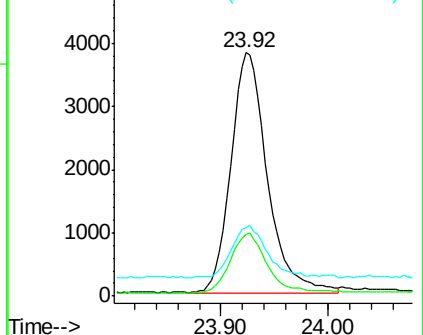
265 27.9 22.3 33.5

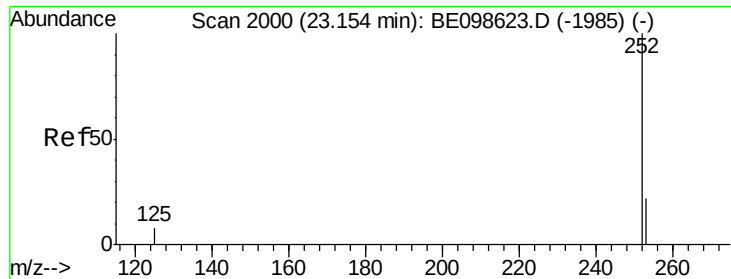


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 23.15 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

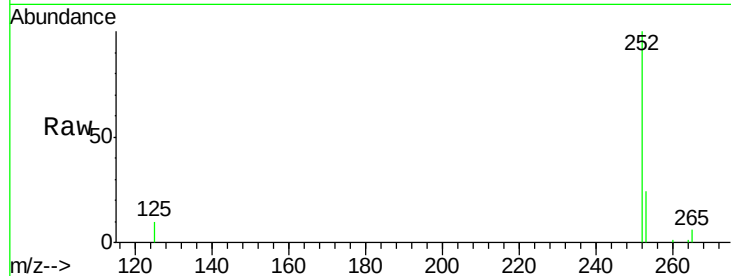
Tgt Ion:252 Resp: 9045

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

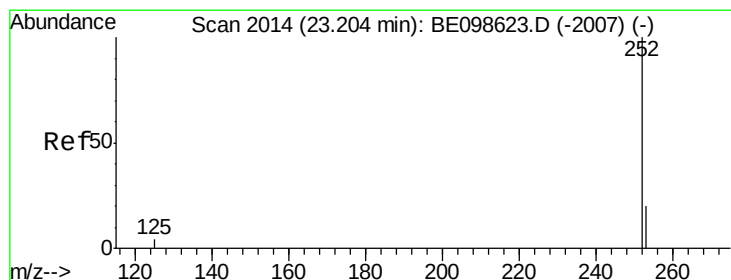
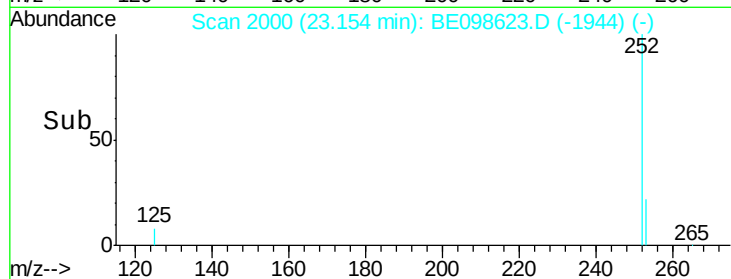
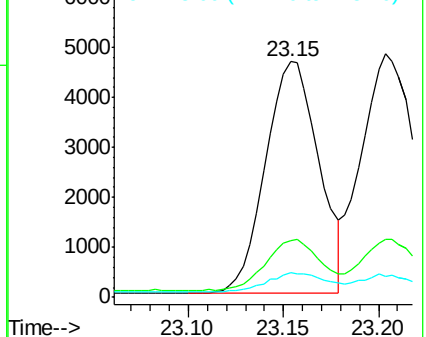
125 10.3 8.2 12.4



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



#36

Benzo(k)fluoranthene

Concen: 0.363 ng

RT: 23.20 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

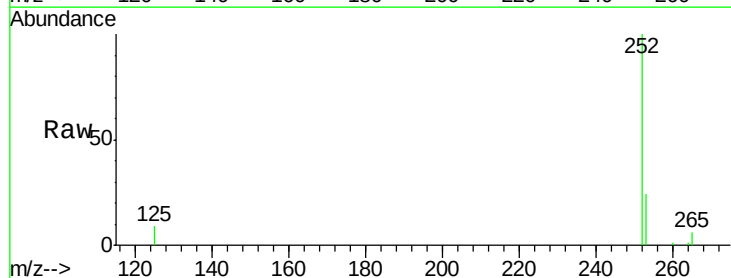
Tgt Ion:252 Resp: 10251

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

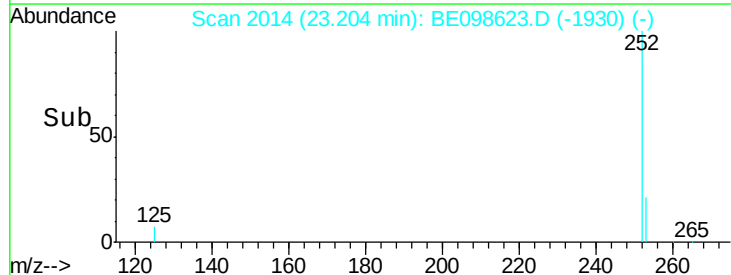
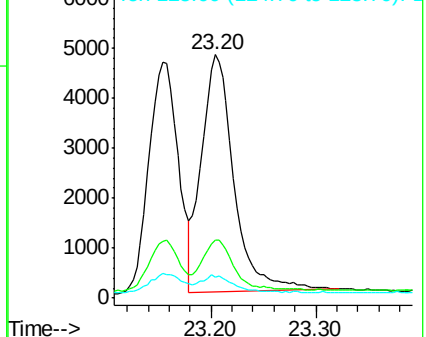
125 8.7 7.0 10.4

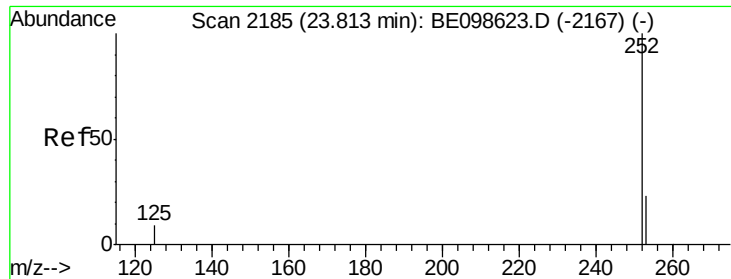


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.360 ng

RT: 23.81 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4

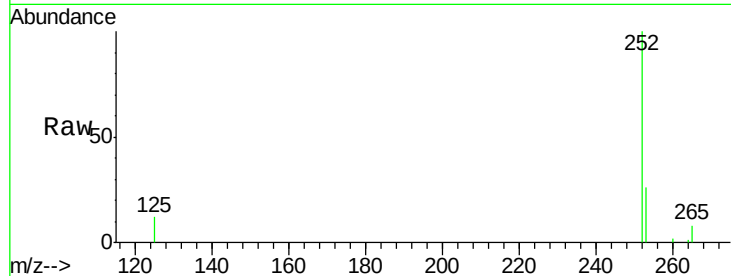
Tgt Ion:252 Resp: 9006

Ion Ratio Lower Upper

252 100

253 26.2 21.0 31.4

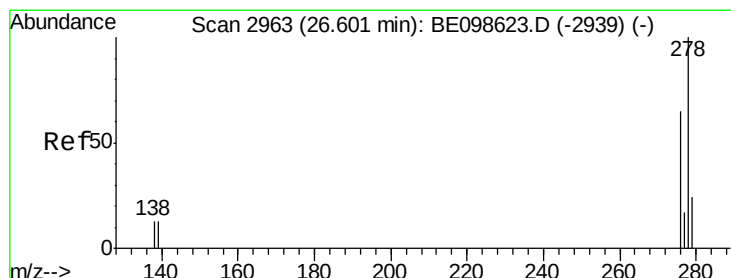
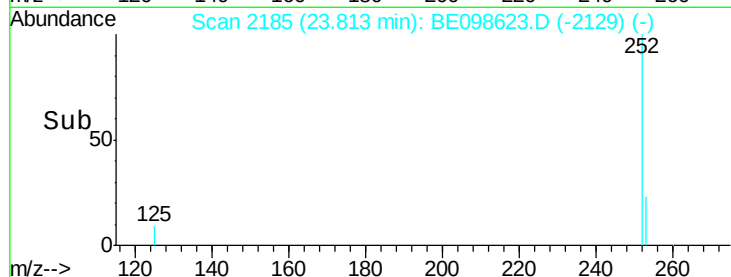
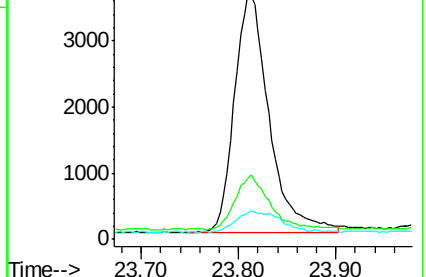
125 11.5 9.2 13.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.336 ng

RT: 26.60 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BE098623.D

Acq: 15 Jan 2019 12:08

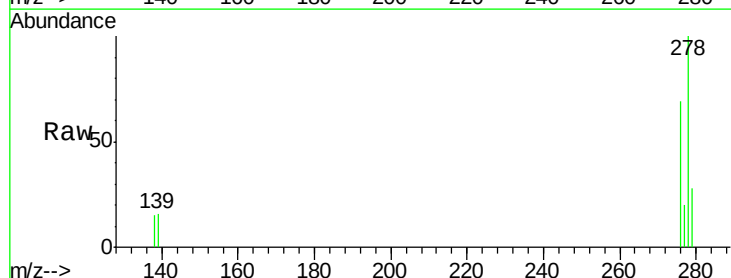
Tgt Ion:278 Resp: 7917

Ion Ratio Lower Upper

278 100

139 15.9 12.7 19.1

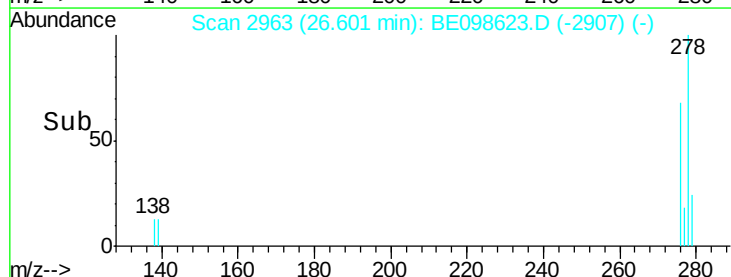
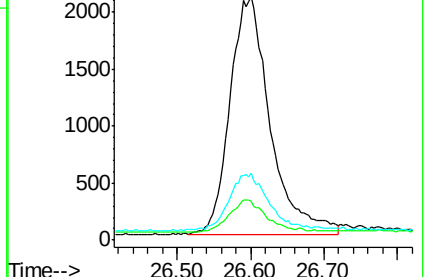
279 27.5 22.0 33.0

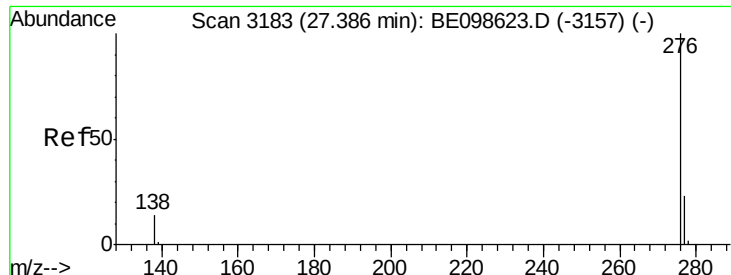


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.375 ng

RT: 27.39 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BE098623.D

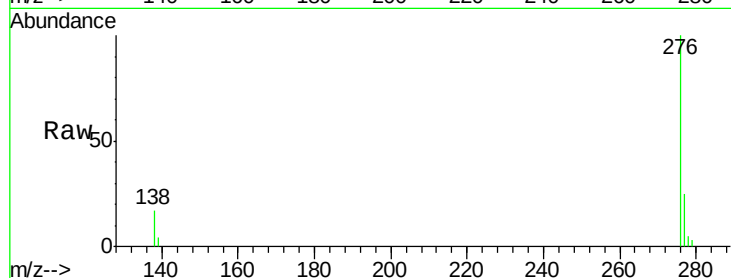
Acq: 15 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

SSTDICCC0.4



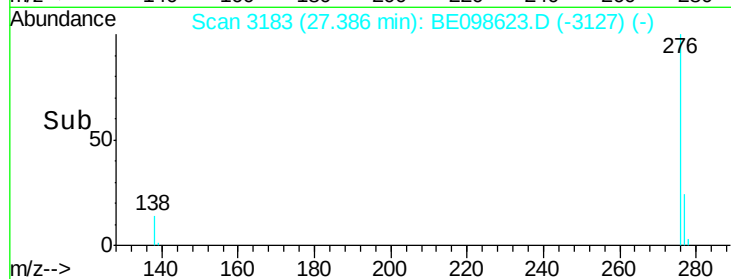
Tgt Ion: 276 Resp: 8905

Ion Ratio Lower Upper

276 100

277 25.4 20.3 30.5

138 16.6 13.3 19.9



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

