

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098621.D
 Acq On : 15 Jan 2019 10:56
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jan 15 13:08:34 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	1095	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4961	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3376	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7823	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8928	0.40	ng	0.00
34) Perylene-d12	23.92	264	8964	0.40	ng	0.00

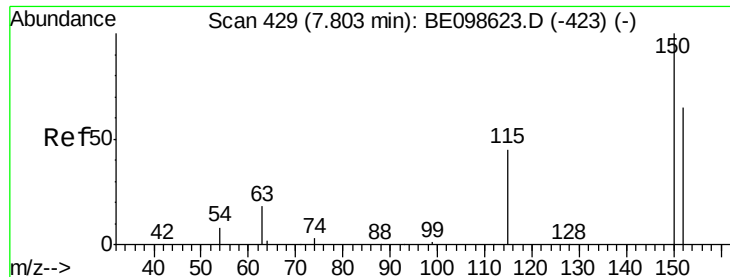
System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	313	0.12	ng	0.01
5) Phenol-d6	7.01	99	363	0.10	ng	0.01
8) Nitrobenzene-d5	8.99	82	333	0.07	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	842	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	123	0.10	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1544	0.11	ng	0.01
25) Fluoranthene-d10	19.26	212	10132	0.10	ng	0.00
29) Terphenyl-d14	19.86	244	2206	0.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	298	0.157	ng	# 75
3) n-Nitrosodimethylamine	3.69	42	74	0.043	ng	# 13
6) bis(2-Chloroethyl)ether	7.25	93	294	0.085	ng	79
9) Naphthalene	10.65	128	5232	0.105	ng	# 96
10) Hexachlorobutadiene	10.94	225	377	0.119	ng	96
12) 2-Methylnaphthalene	12.30	142	807	0.099	ng	# 93
16) Acenaphthylene	14.20	152	1430	0.090	ng	98
17) Acenaphthene	14.54	154	919	0.097	ng	98
18) Fluorene	15.52	166	1177	0.093	ng	97
20) 4-Bromophenyl-phenylether	16.43	248	383	0.091	ng	93
21) Hexachlorobenzene	16.53	284	524	0.116	ng	97
22) Pentachlorophenol	16.91	266	223	0.250	ng	96
23) Phenanthrene	17.27	178	1888	0.099	ng	98
24) Anthracene	17.36	178	1460	0.086	ng	97
26) Fluoranthene	19.29	202	2514	0.100	ng	99
28) Pyrene	19.65	202	2633	0.094	ng	99
30) Benzo(a)anthracene	21.40	228	2402	0.094	ng	# 94
31) Chrysene	21.45	228	2639	0.099	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	6264	0.121	ng	99
33) Indeno(1,2,3-cd)pyrene	26.58	276	2561	0.097	ng	# 78
35) Benzo(b)fluoranthene	23.16	252	2495	0.102	ng	# 66
36) Benzo(k)fluoranthene	23.21	252	2538	0.089	ng	# 81
37) Benzo(a)pyrene	23.82	252	2473	0.098	ng	# 77
38) Dibenzo(a,h)anthracene	26.60	278	1926	0.081	ng	# 54
39) Benzo(g,h,i)perylene	27.39	276	2337	0.097	ng	# 88

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

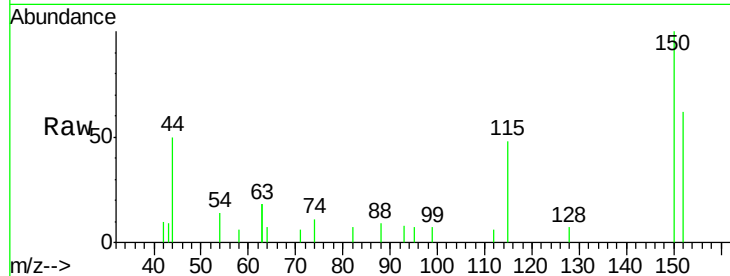


#1

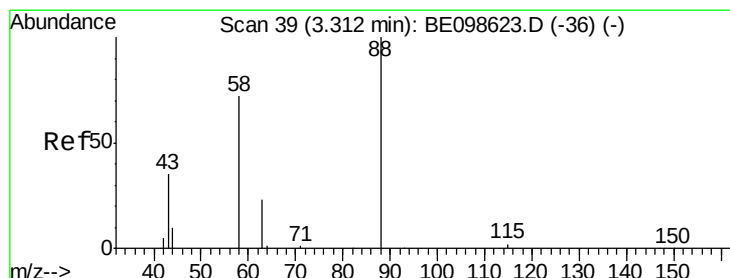
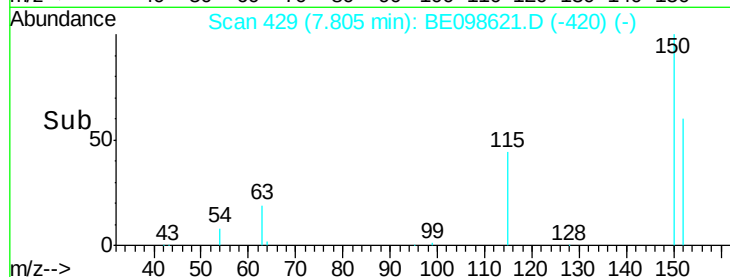
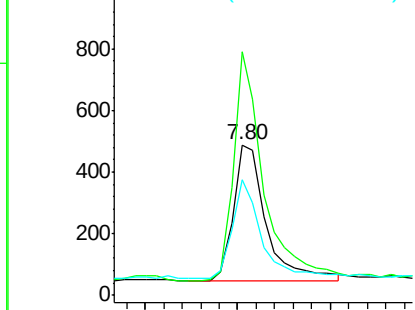
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
MSVOA_W
ClientSampled :
SSTDIC0.1

Tgt Ion: 152 Resp: 1095
Ion Ratio Lower Upper
152 100
150 161.8 121.4 182.2
115 76.9 59.1 88.7



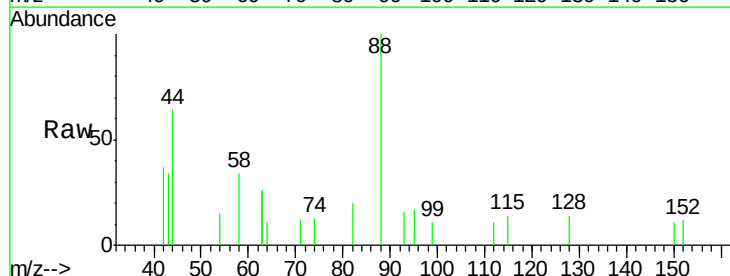
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



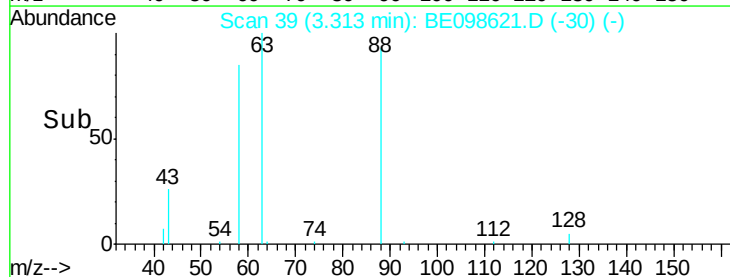
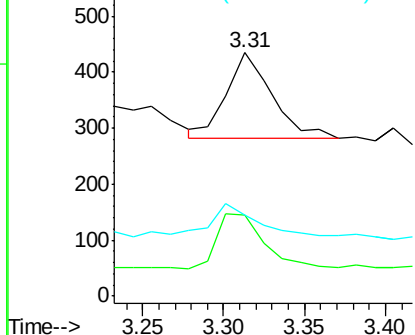
#2

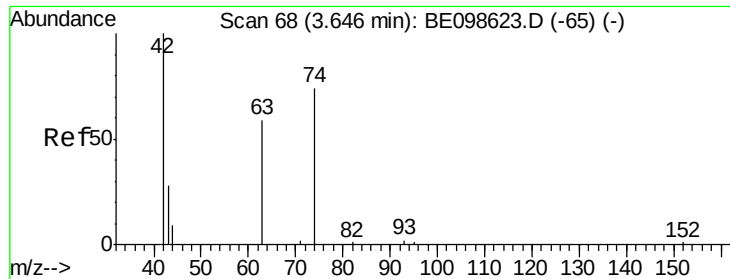
1,4-Dioxane
Concen: 0.157 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion: 88 Resp: 298
Ion Ratio Lower Upper
88 100
58 64.8 73.9 110.9#
43 40.6 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



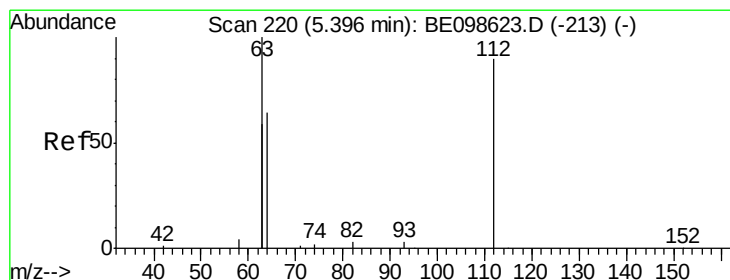
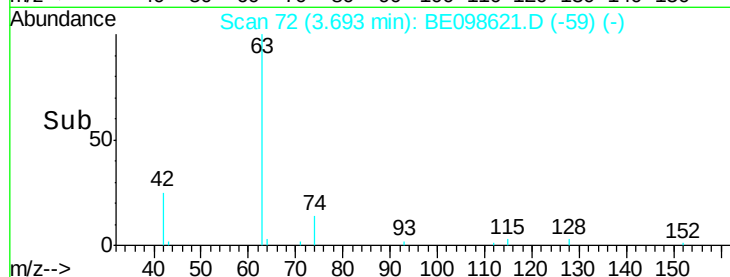
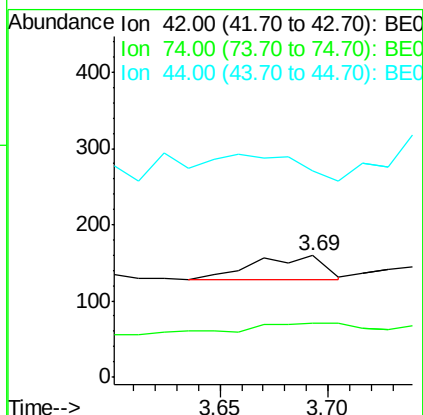
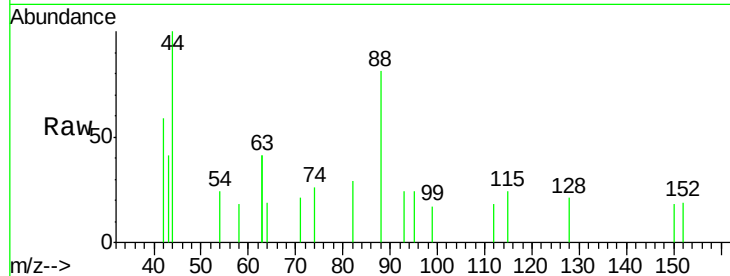


#3

n-Nitrosodimethylamine
 Concen: 0.043 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.05 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

Instrument :
 MSVOA_W
 ClientSampled :
 SSTDICC0.1

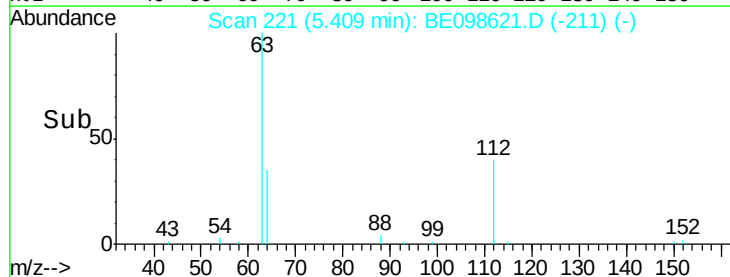
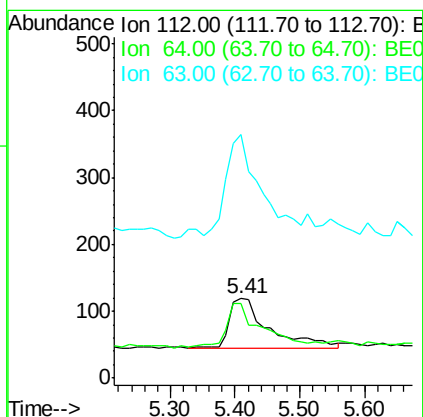
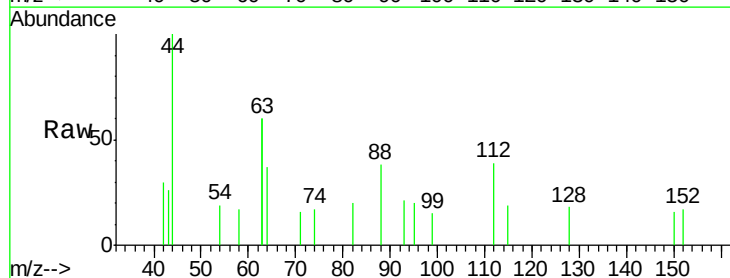
Tgt Ion: 42 Resp: 74
 Ion Ratio Lower Upper
 42 100
 74 0.0 58.9 88.3#
 44 0.0 0.0 0.0

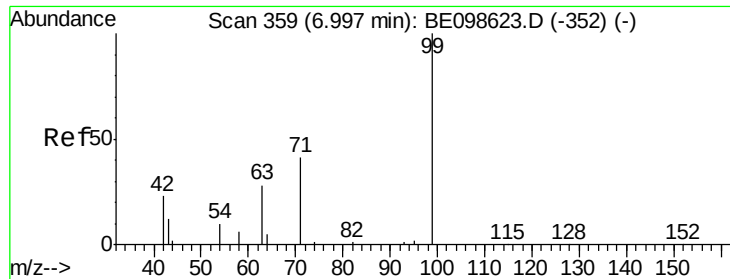


#4

2-Fluorophenol
 Concen: 0.122 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

Tgt Ion: 112 Resp: 313
 Ion Ratio Lower Upper
 112 100
 64 78.3 62.9 94.3
 63 183.4 152.2 228.4





#5

Phenol-d6

Concen: 0.100 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

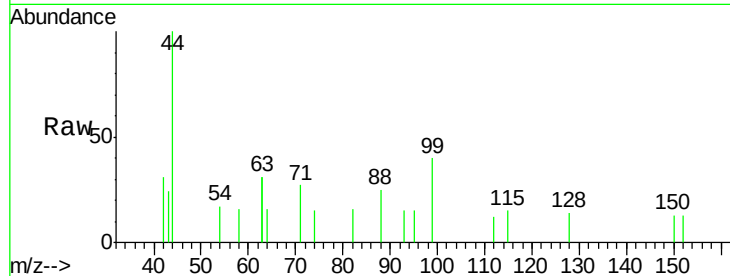
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 37.2 24.6 37.0#

71 52.9 35.1 52.7#



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

7.01

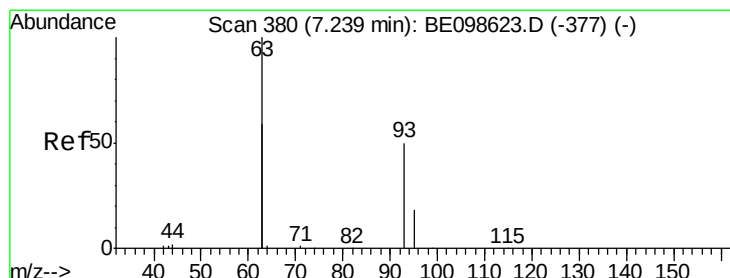
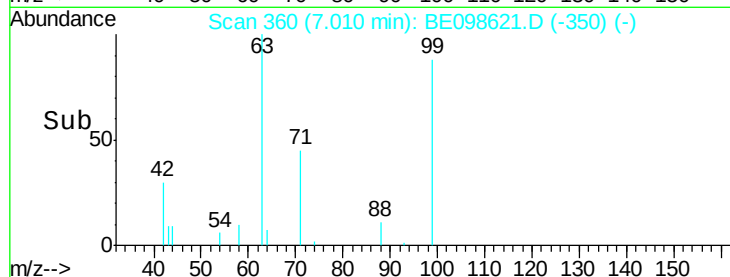
150

100

50

0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.085 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

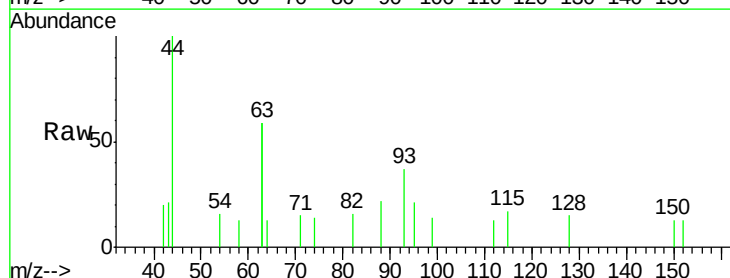
Tgt Ion: 93 Resp: 294

Ion Ratio Lower Upper

93 100

63 288.1 267.3 400.9

95 38.1 26.2 39.4



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

7.25

600

500

400

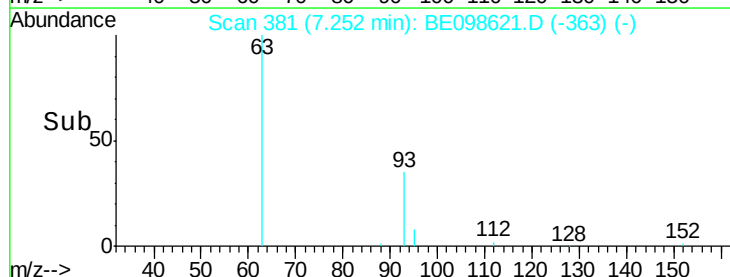
300

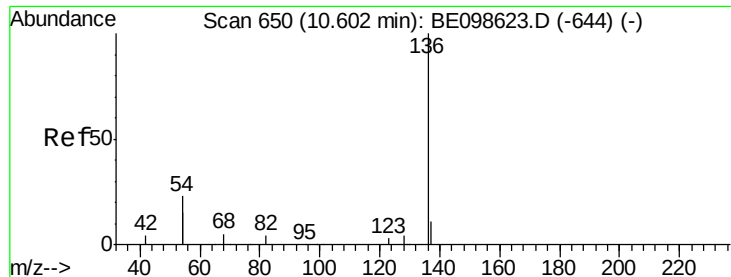
200

100

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 4961

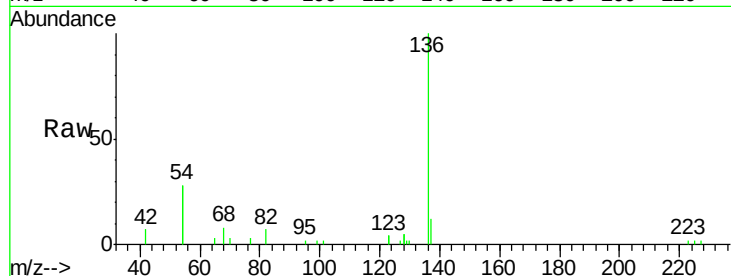
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 55.4 35.5 53.3#

68 8.0 5.0 7.6#

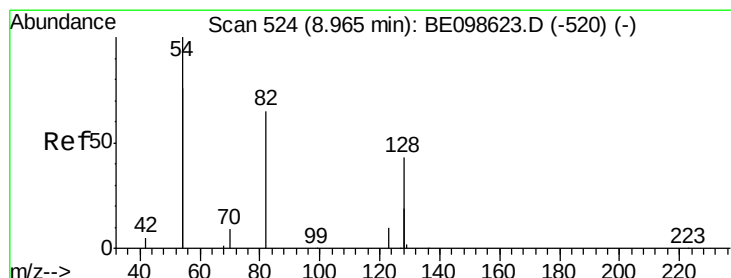
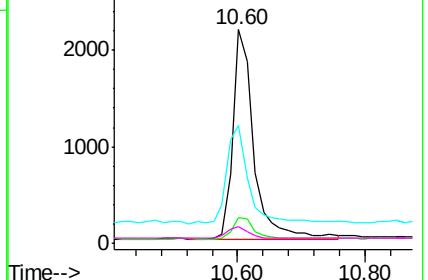
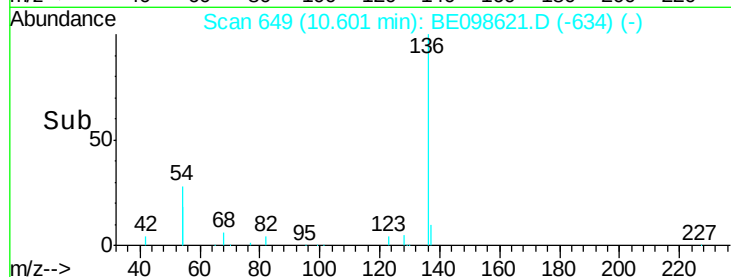


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.074 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

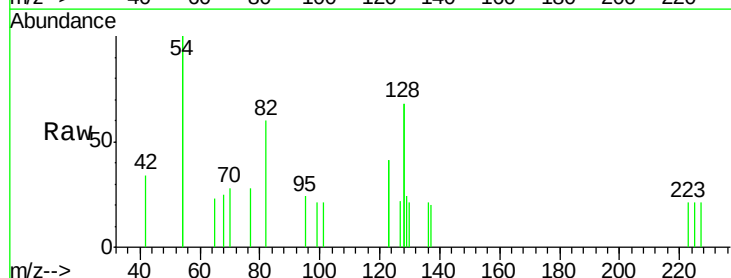
Tgt Ion: 82 Resp: 333

Ion Ratio Lower Upper

82 100

128 226.7 96.5 144.7#

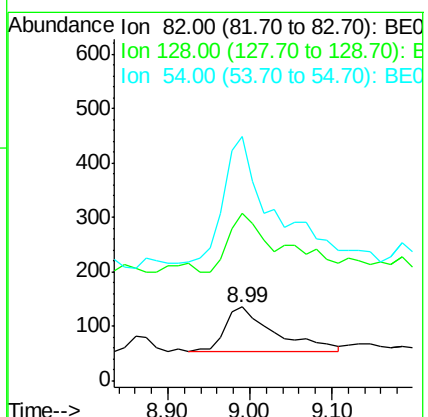
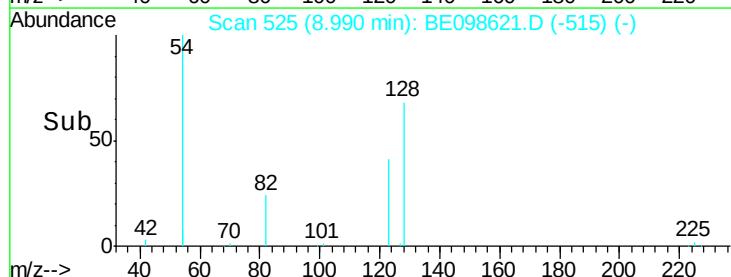
54 331.9 224.7 337.1

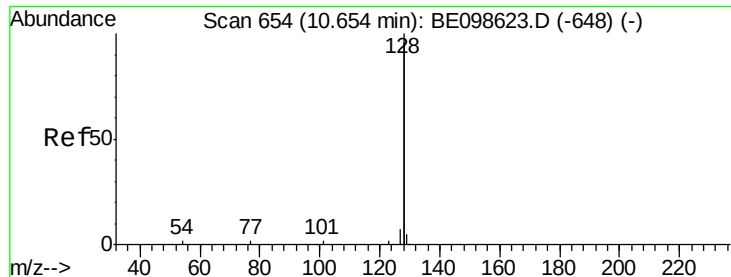


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.105 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

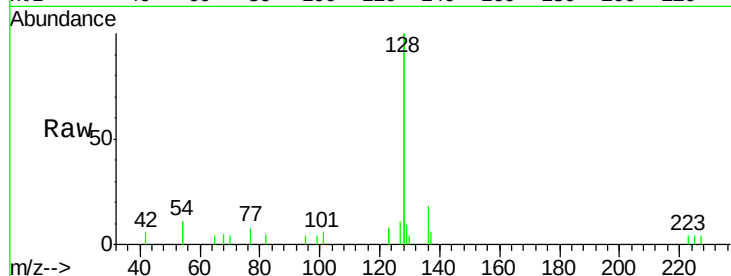
Tgt Ion:128 Resp: 5232

Ion Ratio Lower Upper

128 100

129 4.4 2.6 3.8#

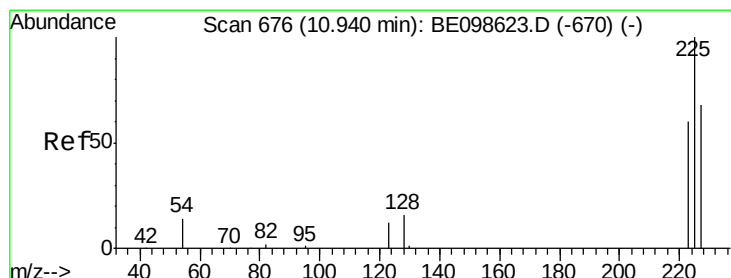
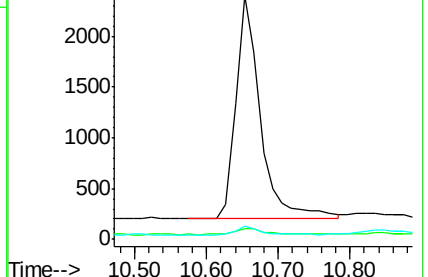
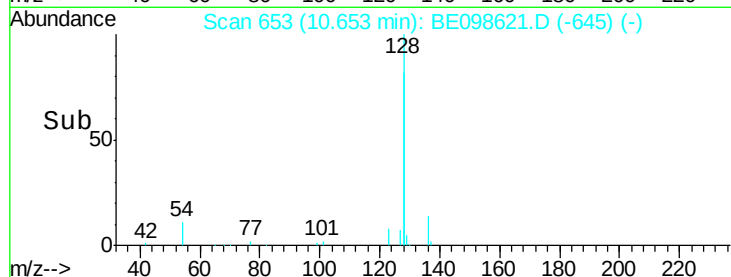
127 5.3 3.0 4.6#



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: 0.119 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

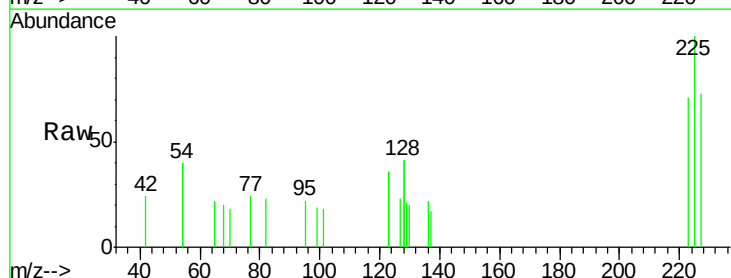
Tgt Ion:225 Resp: 377

Ion Ratio Lower Upper

225 100

223 63.7 47.8 71.8

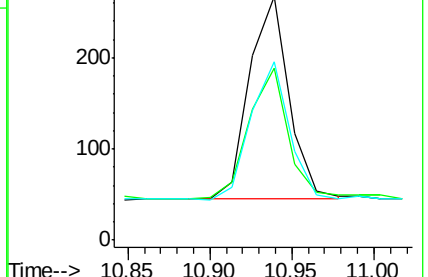
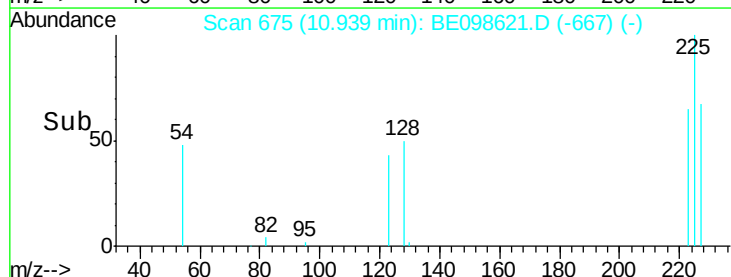
227 66.0 50.5 75.7

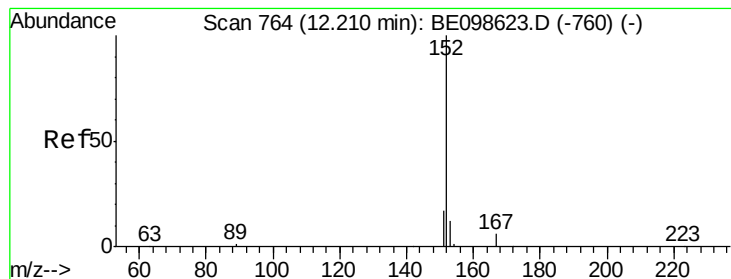


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.104 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

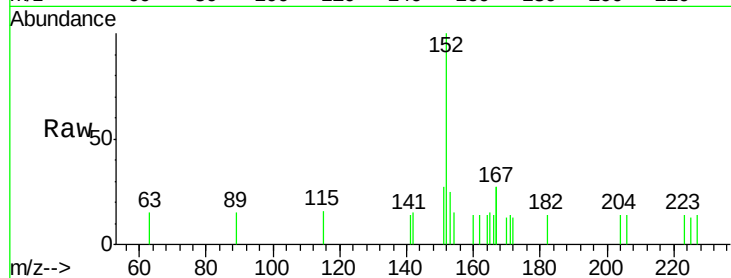
SSTDIC0.1

Tgt Ion:152 Resp: 842

Ion Ratio Lower Upper

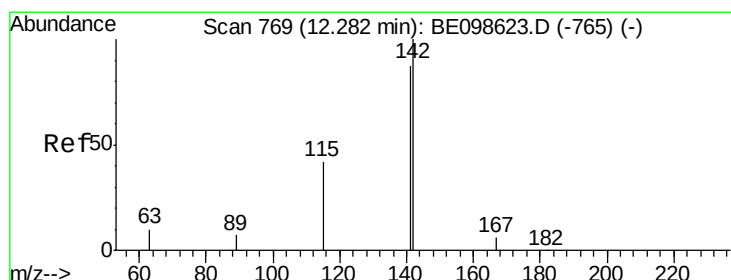
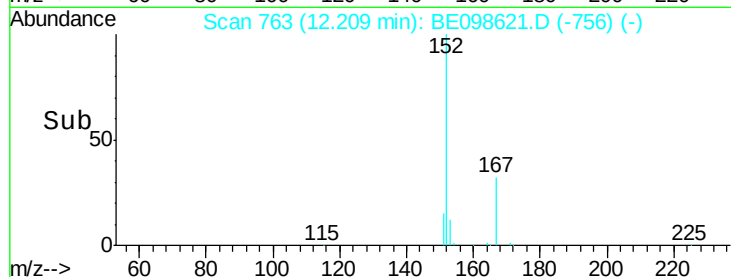
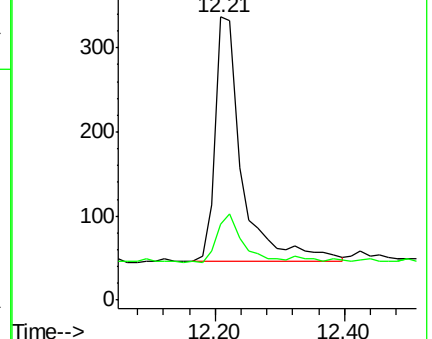
152 100

151 18.6 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: 0.099 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

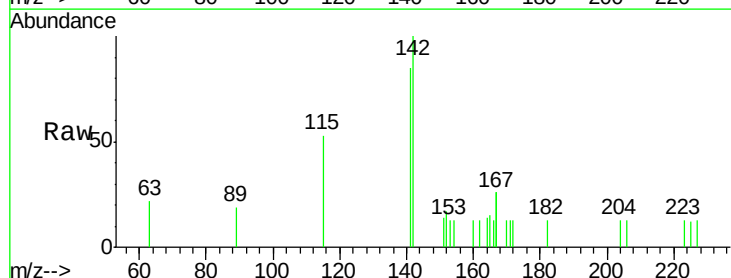
Tgt Ion:142 Resp: 807

Ion Ratio Lower Upper

142 100

141 84.6 70.0 105.0

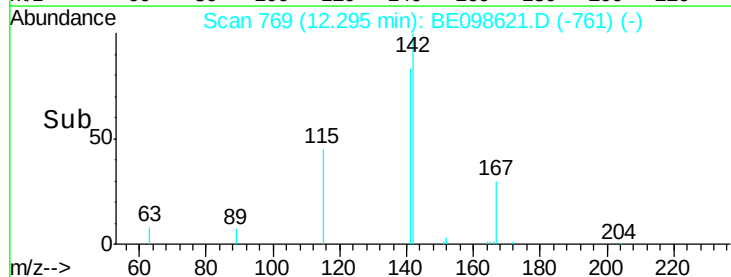
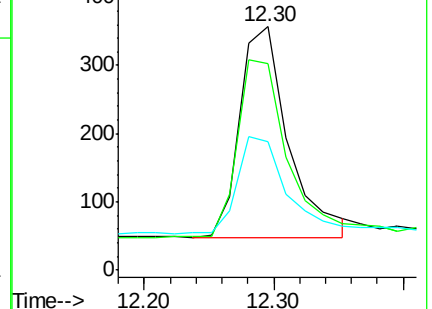
115 52.9 35.2 52.8#

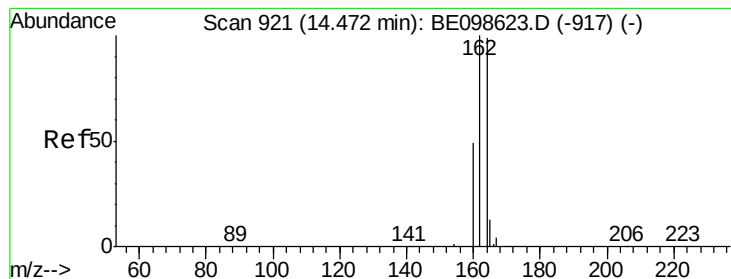


Abundance Ion 142.00 (141.70 to 142.70): E

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# 920

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

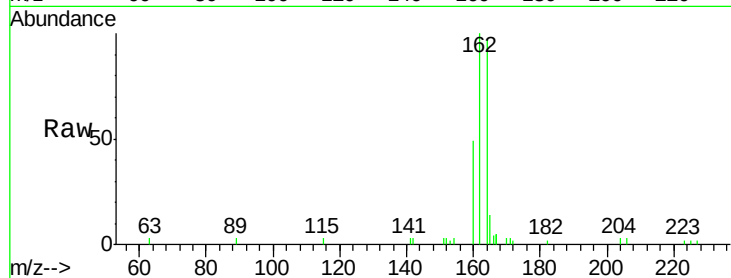
Tgt Ion:164 Resp: 3376

Ion Ratio Lower Upper

164 100

162 103.1 80.5 120.7

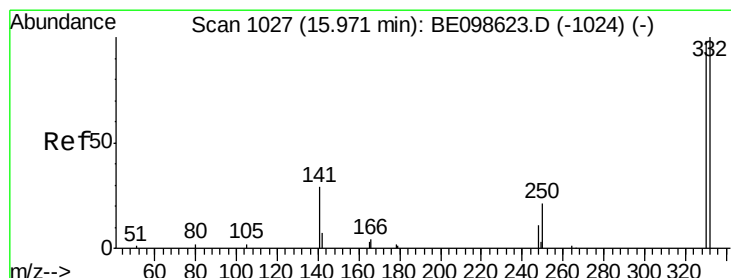
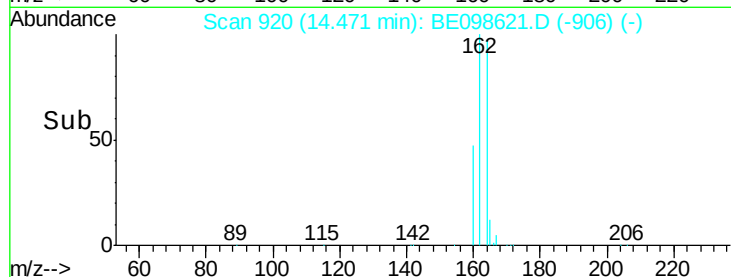
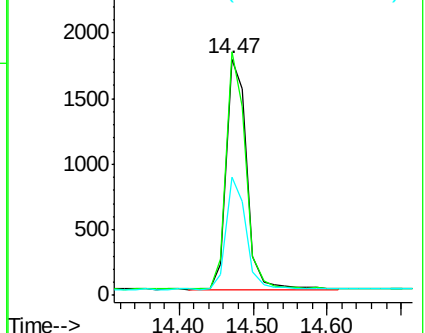
160 50.1 40.1 60.1



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: 0.099 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

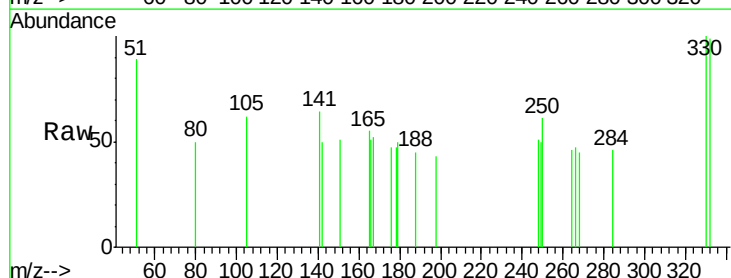
Tgt Ion:330 Resp: 123

Ion Ratio Lower Upper

330 100

332 104.9 73.3 109.9

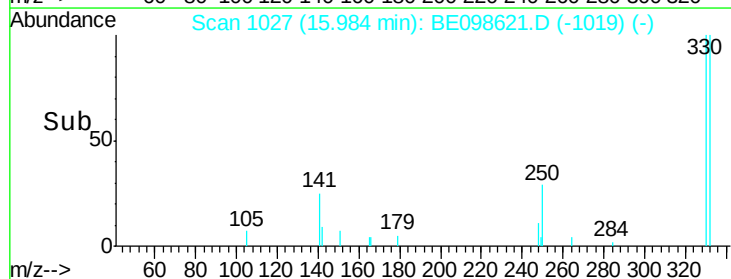
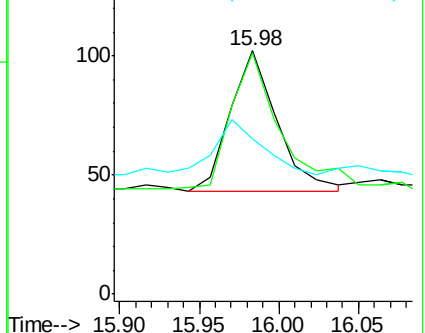
141 41.5 33.1 49.7

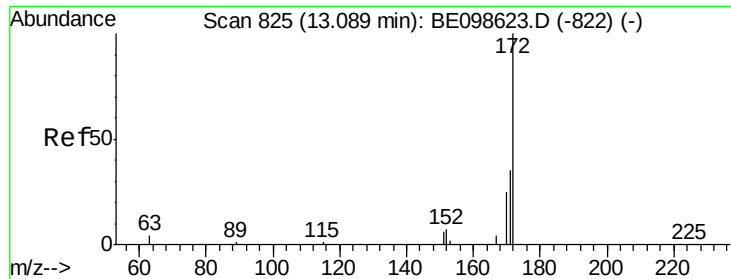


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

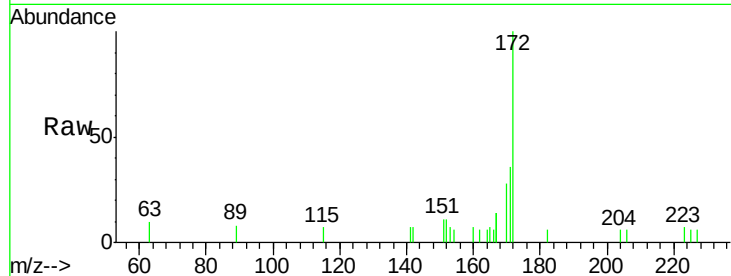




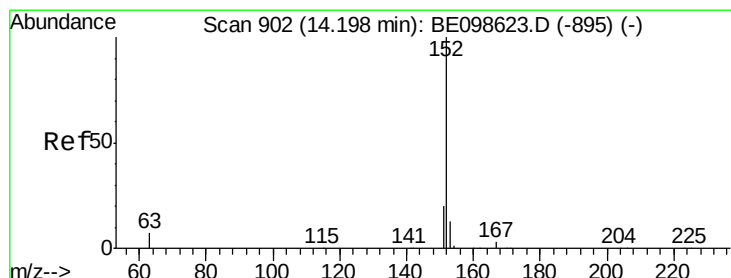
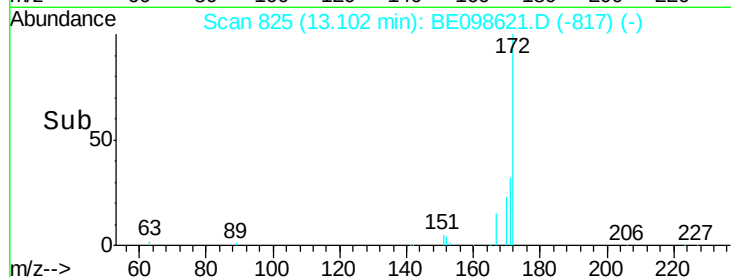
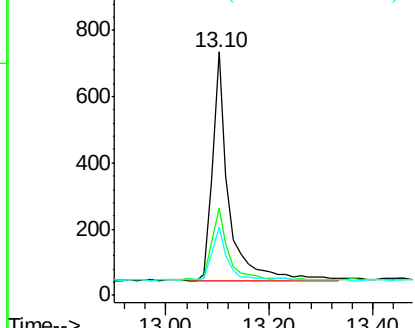
#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
SSTDIC0.1

Tgt Ion:172 Resp: 1544
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 28.3 20.8 31.2

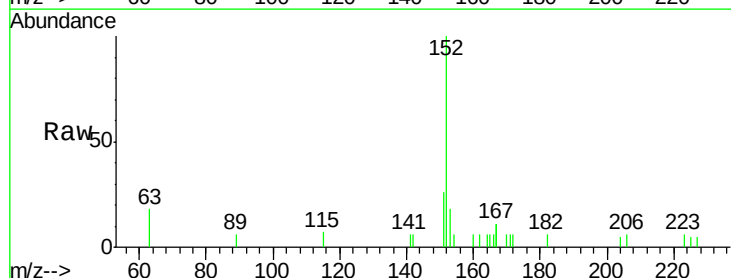


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

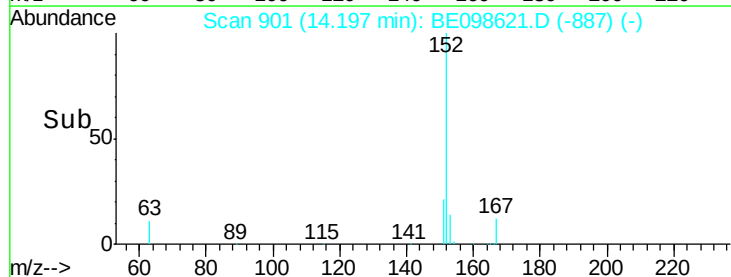
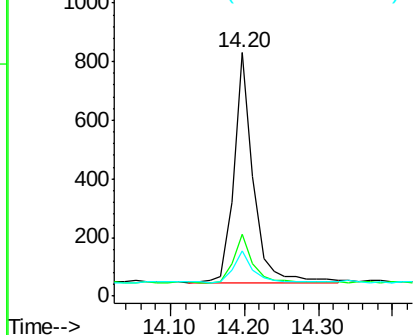


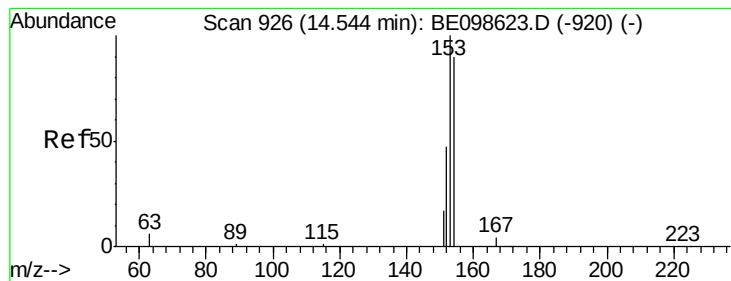
#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion:152 Resp: 1430
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 13.6 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: 0.097 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

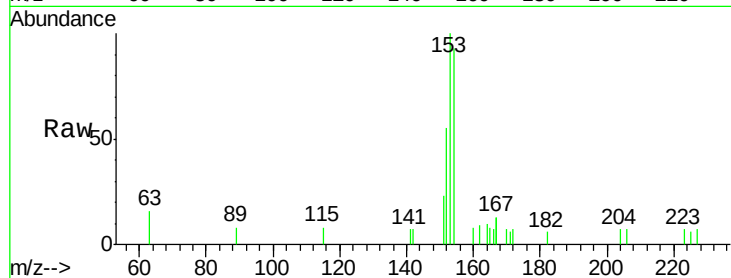
Tgt Ion:154 Resp: 919

Ion Ratio Lower Upper

154 100

153 116.1 93.9 140.9

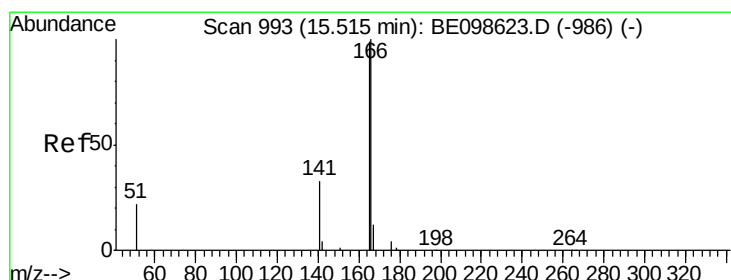
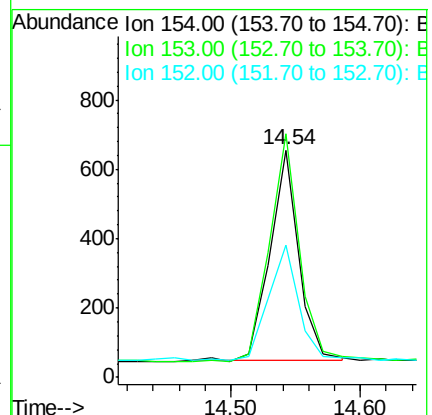
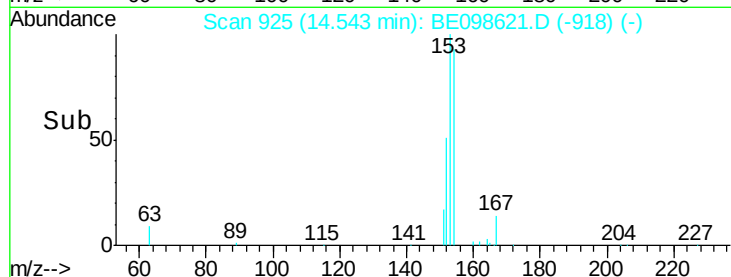
152 60.3 45.8 68.8



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: 0.093 ng

RT: 15.52 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

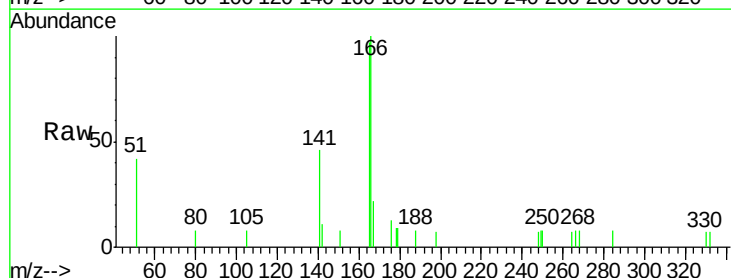
Tgt Ion:166 Resp: 1177

Ion Ratio Lower Upper

166 100

165 102.2 79.3 118.9

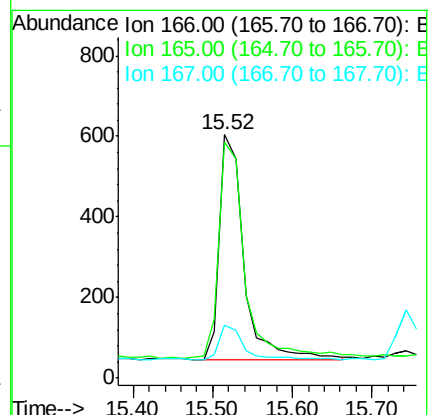
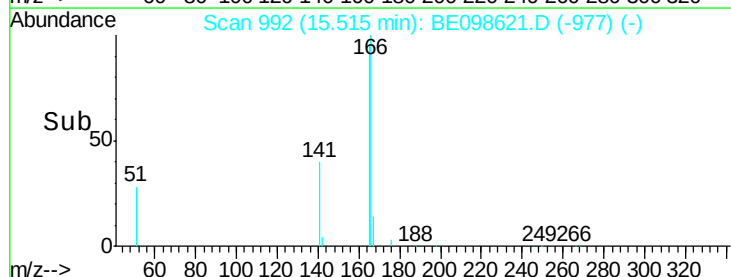
167 15.7 10.6 15.8

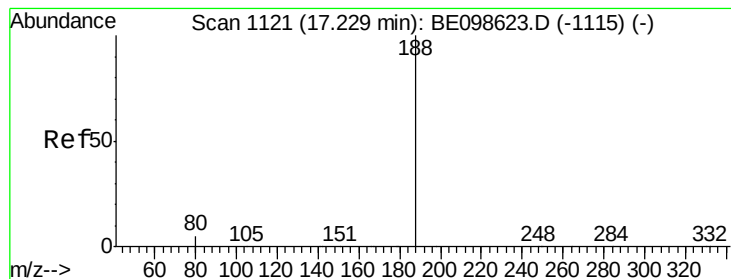


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1120

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

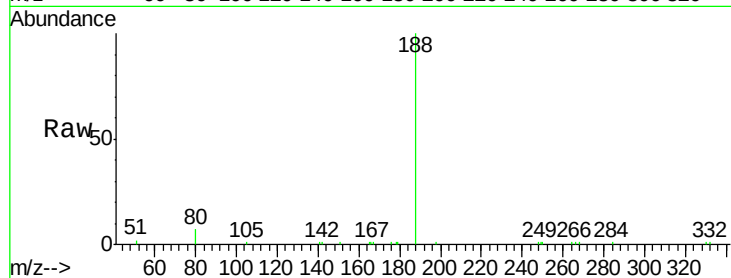
Tgt Ion:188 Resp: 7823

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

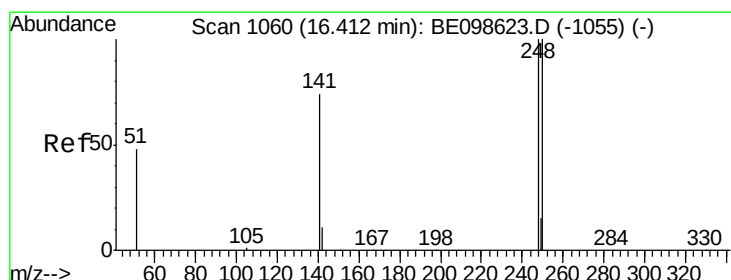
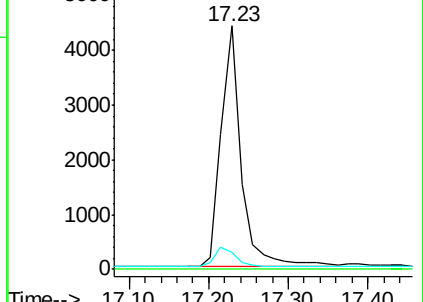
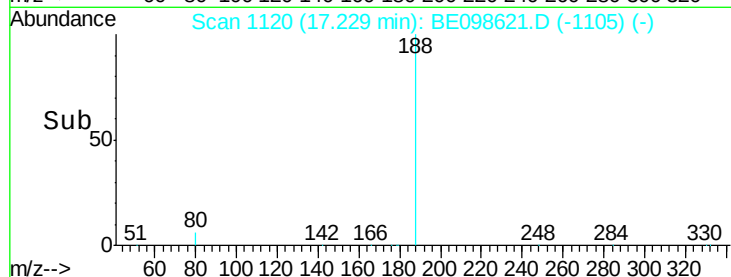
80 7.2 4.7 7.1#



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: 0.091 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

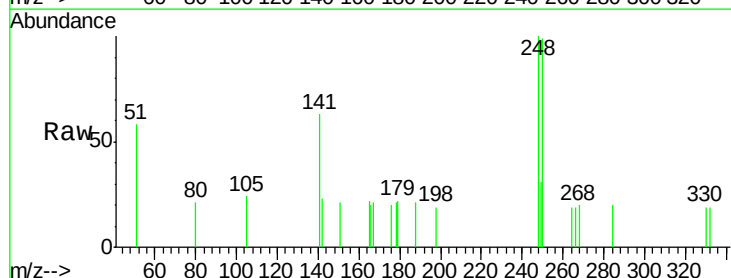
Tgt Ion:248 Resp: 383

Ion Ratio Lower Upper

248 100

250 99.2 80.2 120.4

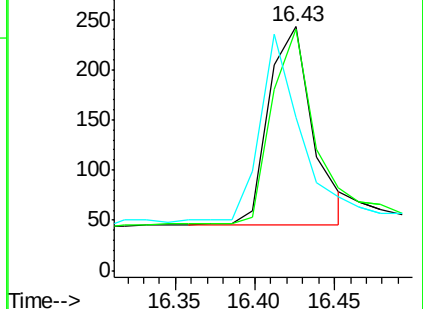
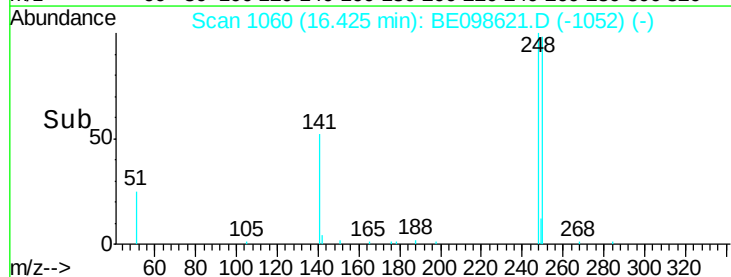
141 63.0 60.5 90.7

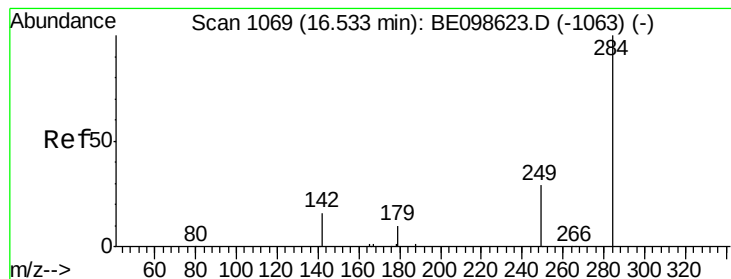


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.116 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampled :

SSTDIC0.1

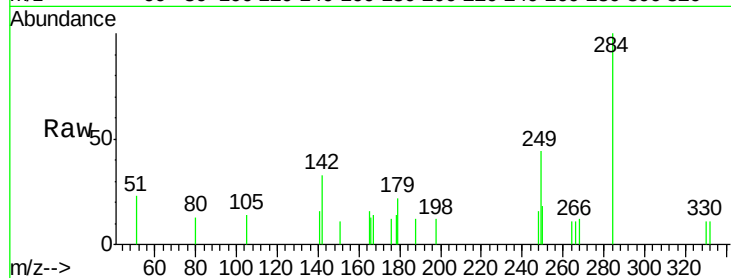
Tgt Ion:284 Resp: 524

Ion Ratio Lower Upper

284 100

142 33.2 25.5 38.3

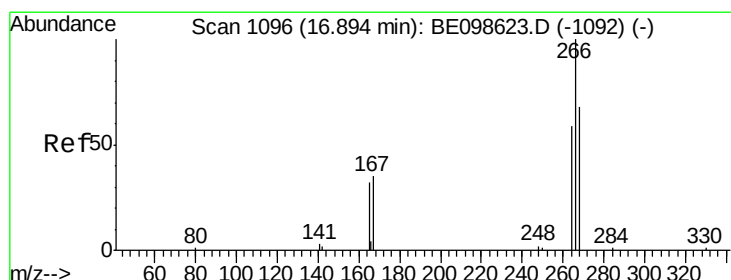
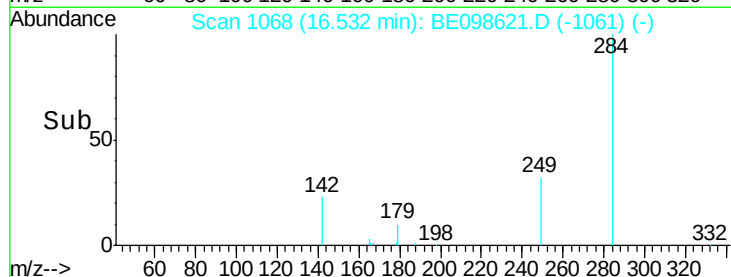
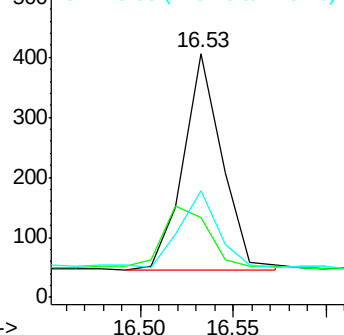
249 35.3 26.6 39.8



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: 0.250 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

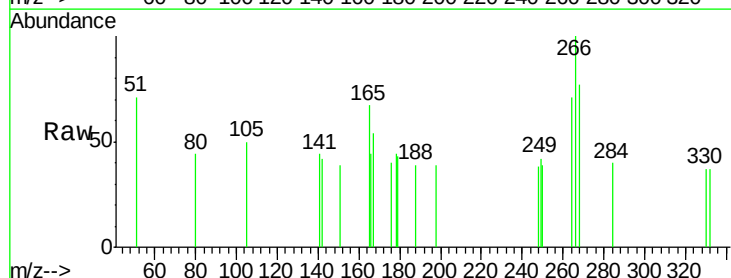
Tgt Ion:266 Resp: 223

Ion Ratio Lower Upper

266 100

264 70.6 53.7 80.5

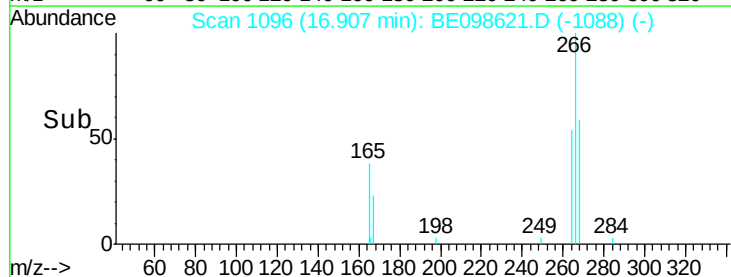
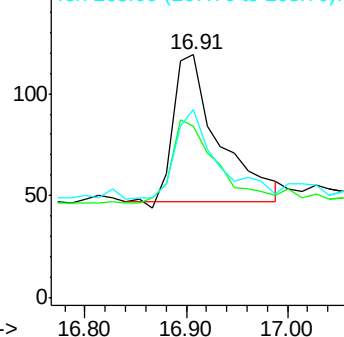
268 77.3 59.8 89.8

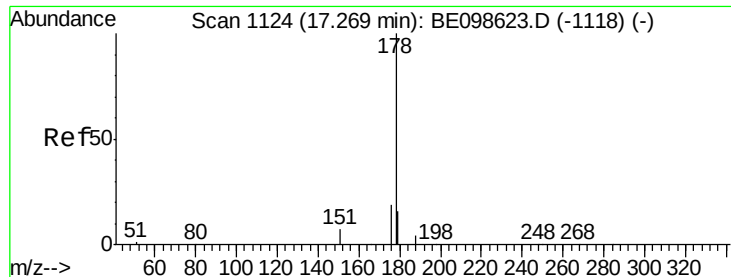


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

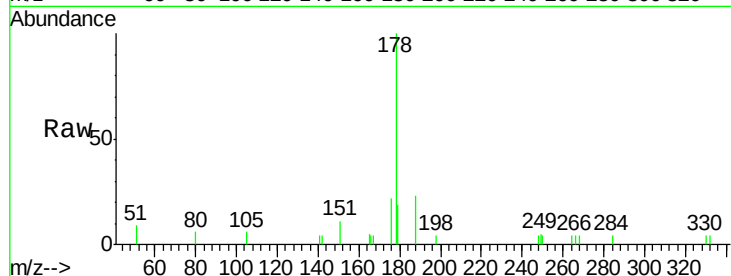
Tgt Ion:178 Resp: 1888

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

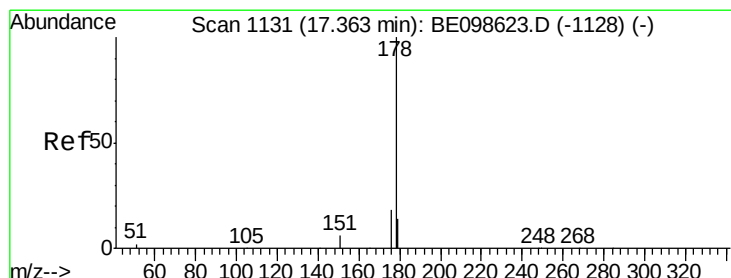
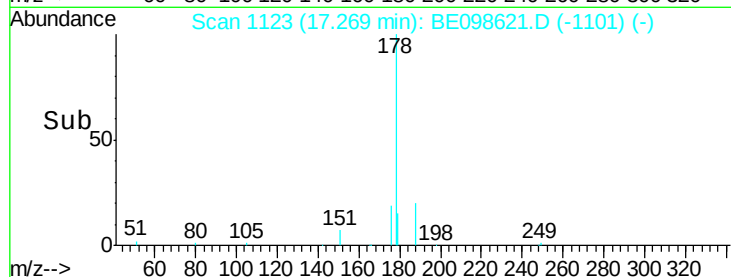
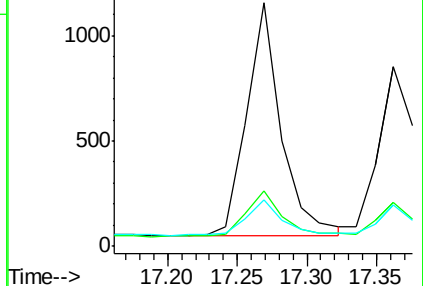
179 16.7 12.2 18.4



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: 0.086 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

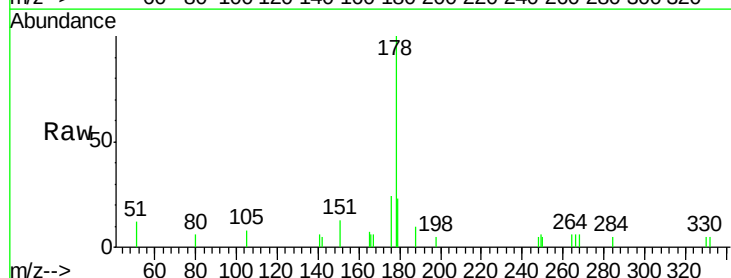
Tgt Ion:178 Resp: 1460

Ion Ratio Lower Upper

178 100

176 19.8 14.9 22.3

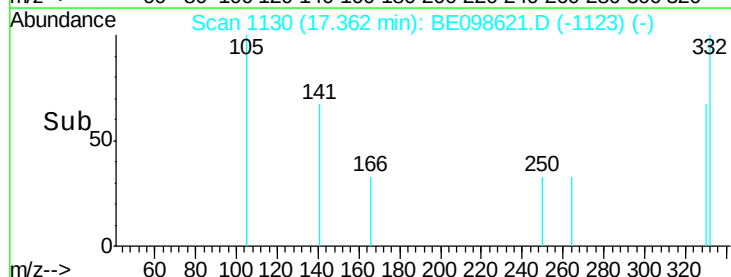
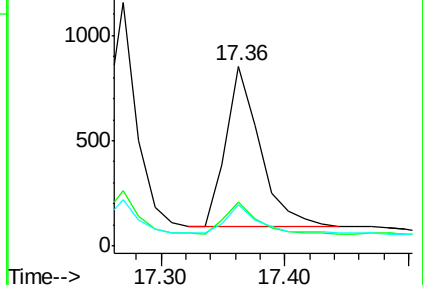
179 16.2 11.8 17.8

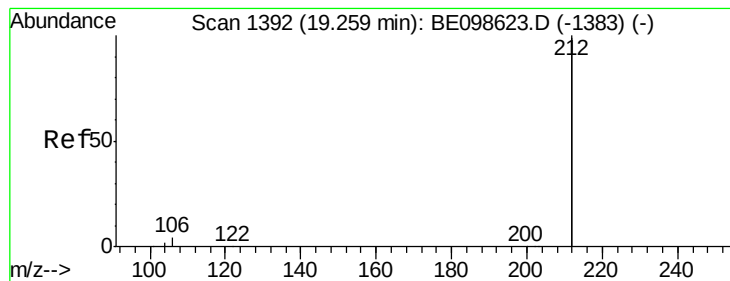


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.101 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

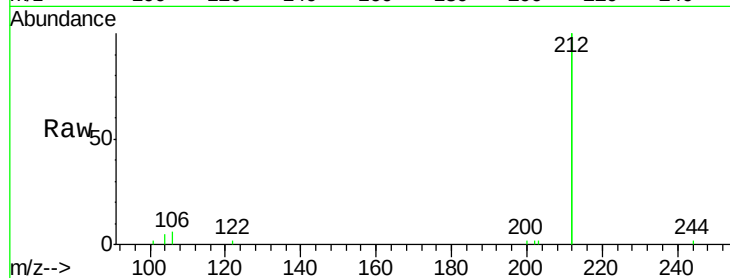
Tgt Ion:212 Resp: 10132

Ion Ratio Lower Upper

212 100

106 2.2 1.7 2.5

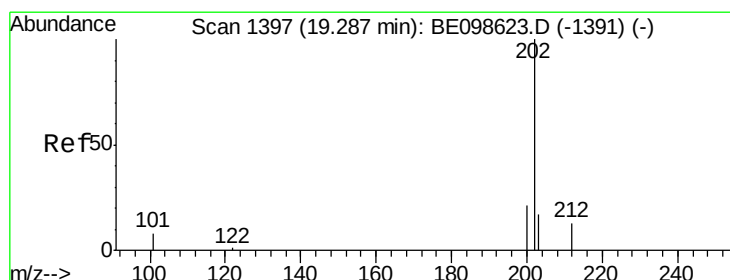
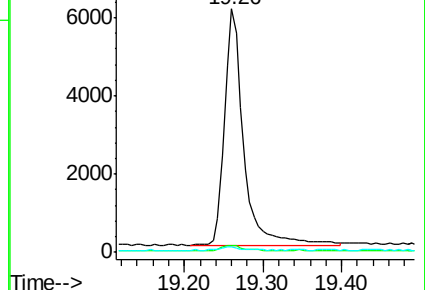
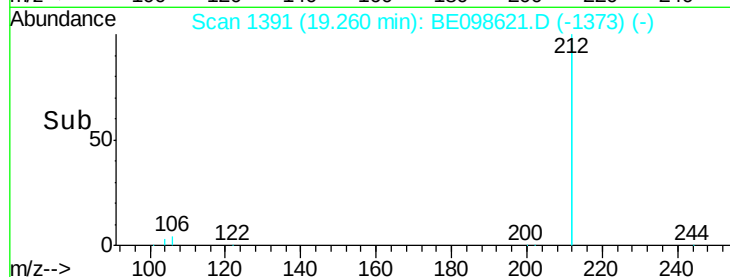
104 1.5 1.0 1.6



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: 0.100 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

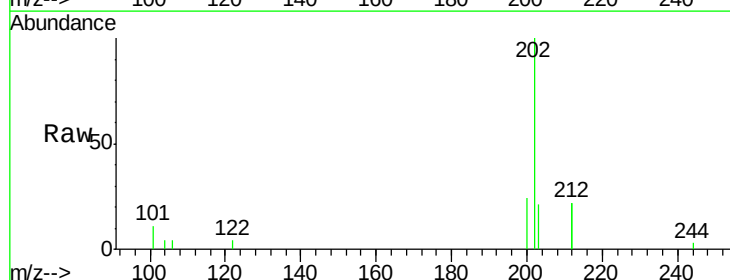
Tgt Ion:202 Resp: 2514

Ion Ratio Lower Upper

202 100

101 8.0 6.7 10.1

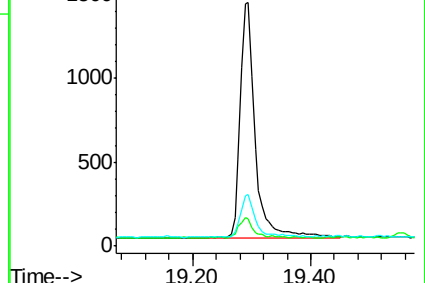
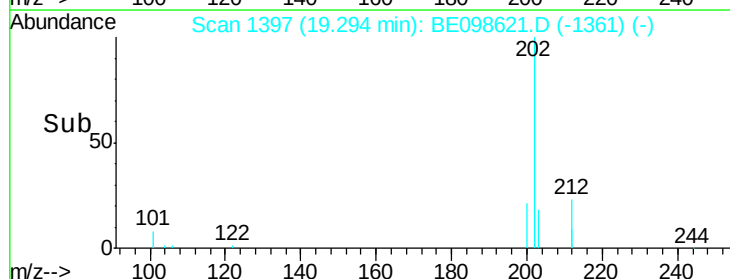
203 17.1 13.3 19.9

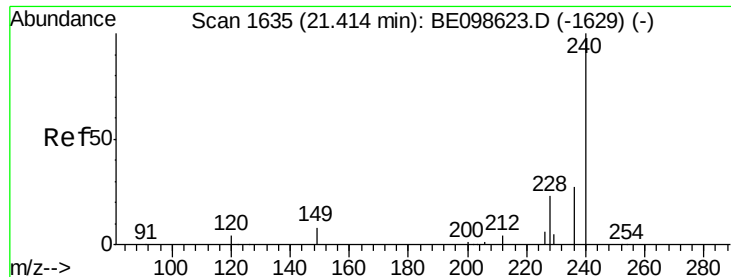


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

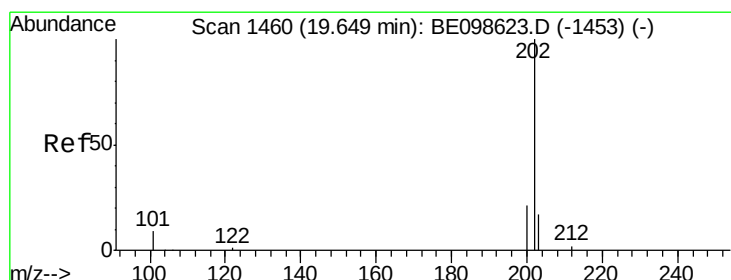
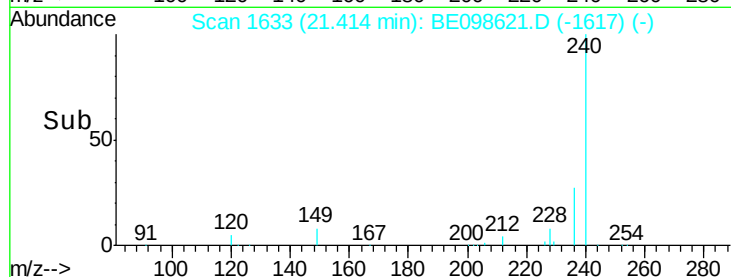
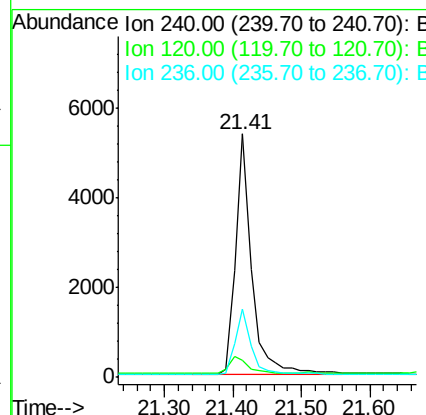
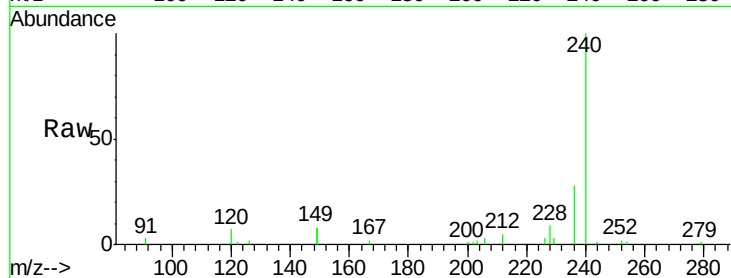




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

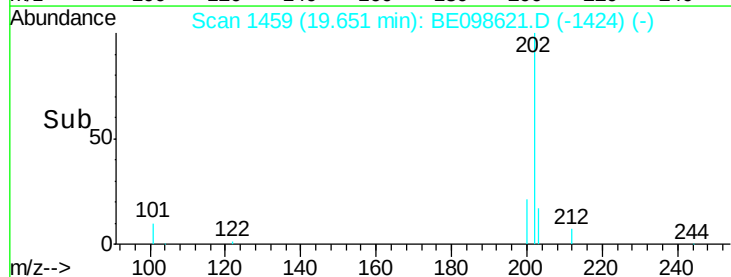
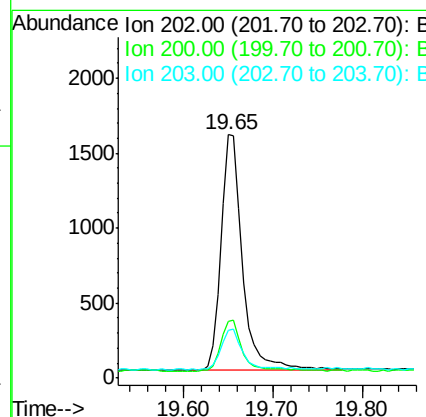
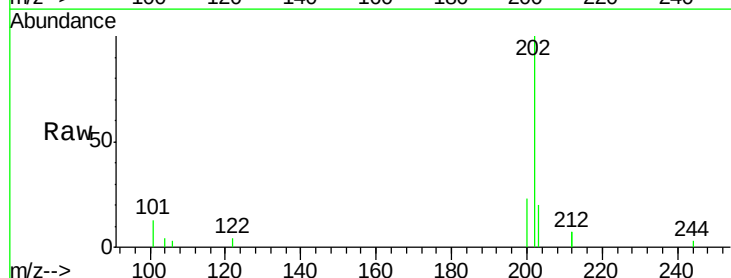
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.1

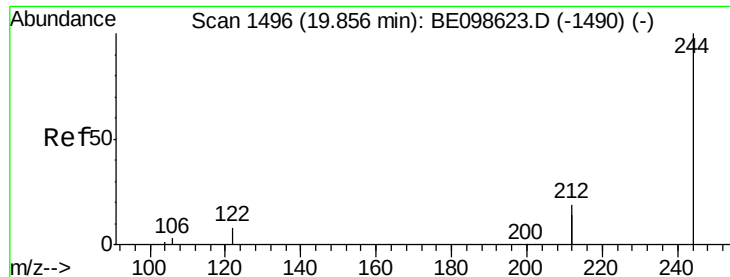
Tgt Ion:240 Resp: 8928
 Ion Ratio Lower Upper
 240 100
 120 6.7 4.7 7.1
 236 27.8 21.9 32.9



#28
 Pyrene
 Concen: 0.094 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

Tgt Ion:202 Resp: 2633
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.0 25.6
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.102 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC0.1

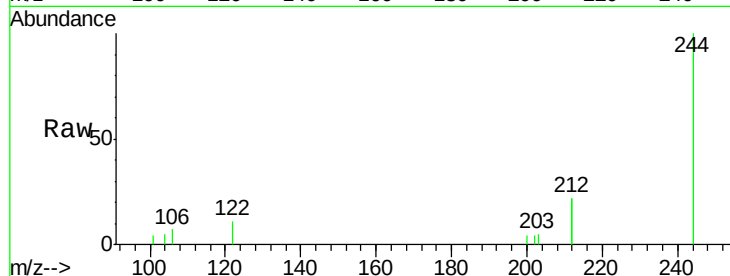
Tgt Ion:244 Resp: 2206

Ion Ratio Lower Upper

244 100

212 43.8 29.4 44.2

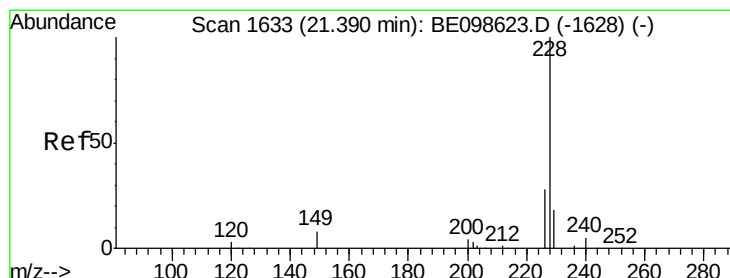
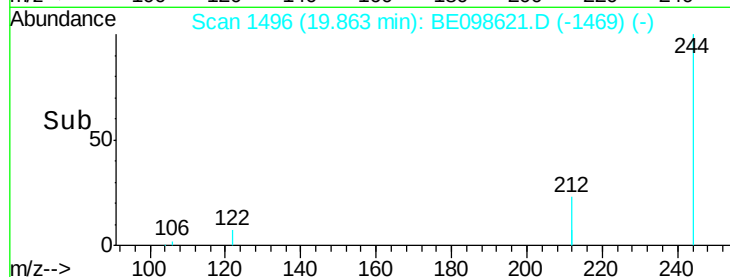
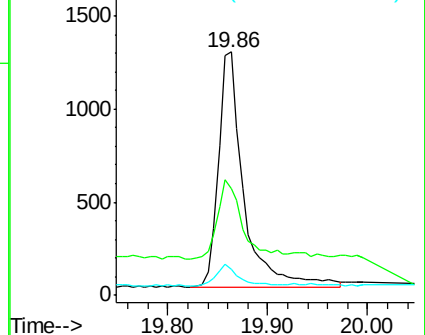
122 10.9 7.1 10.7#



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: 0.094 ng

RT: 21.40 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

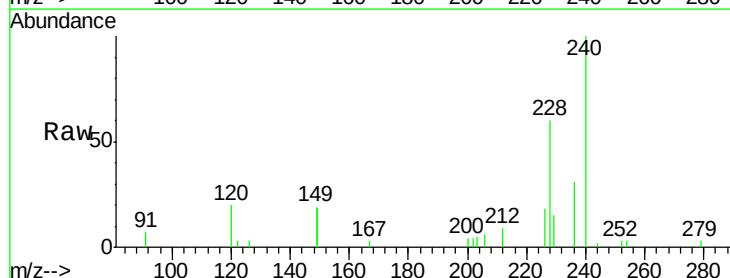
Tgt Ion:228 Resp: 2402

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.4

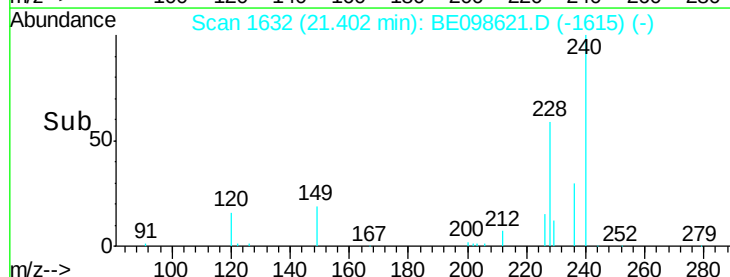
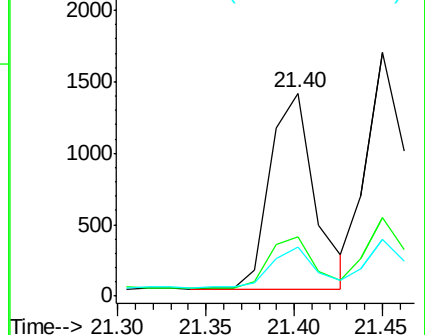
229 24.5 15.0 22.6#

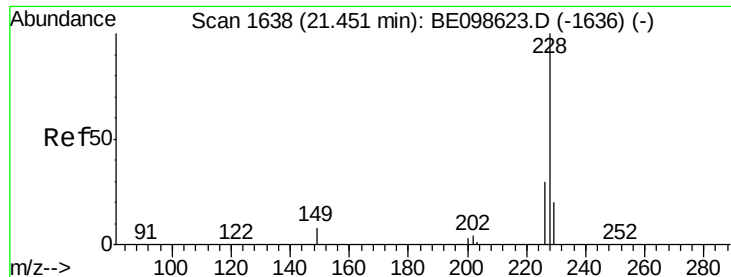


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.099 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

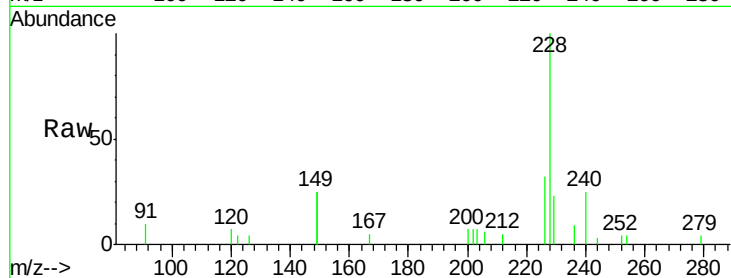
Tgt Ion:228 Resp: 2639

Ion Ratio Lower Upper

228 100

226 32.5 24.6 36.8

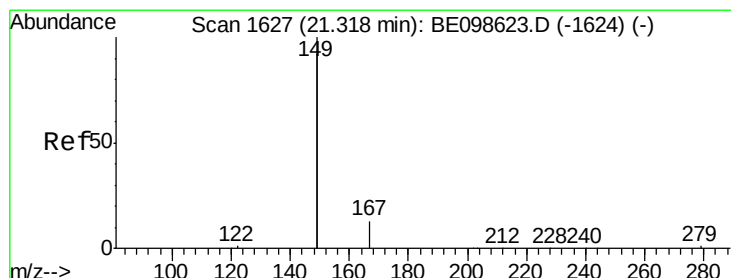
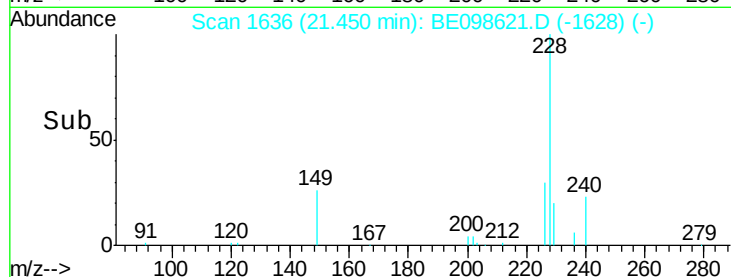
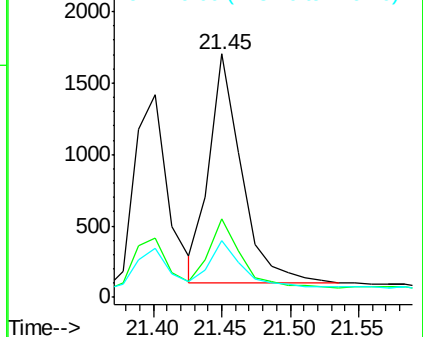
229 23.1 16.4 24.6



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: 0.121 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

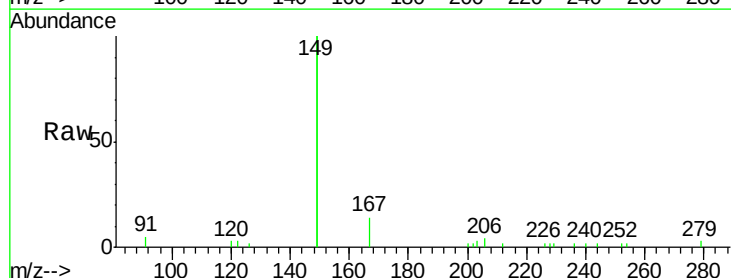
Tgt Ion:149 Resp: 6264

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.2

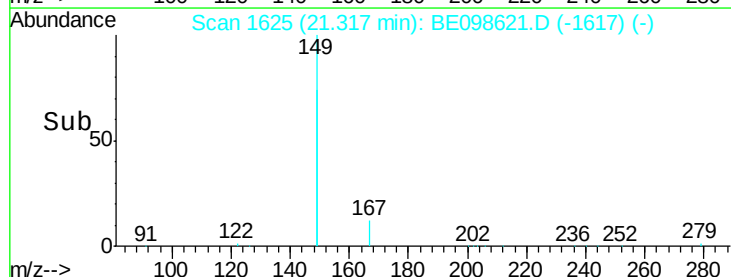
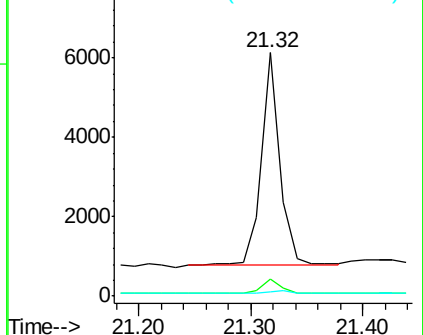
279 1.4 1.0 1.4

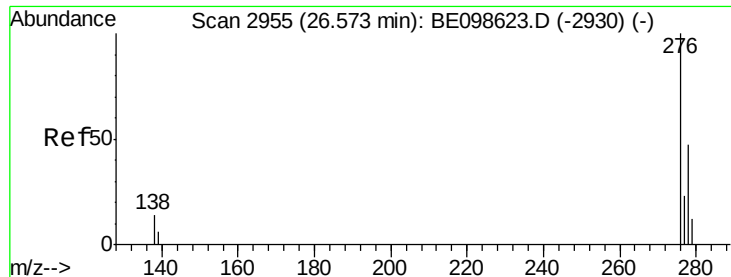


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.097 ng

RT: 26.58 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

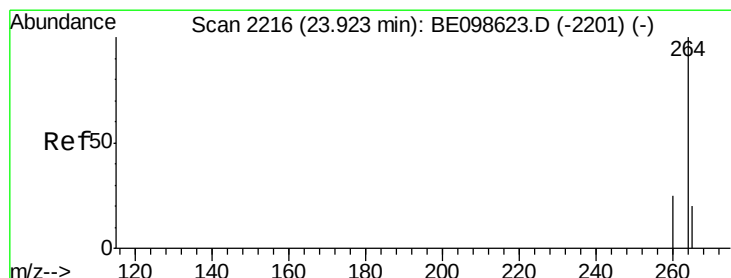
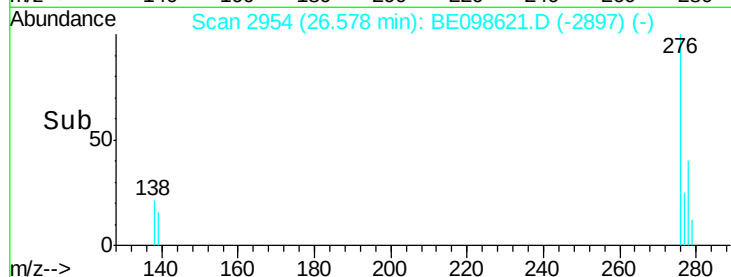
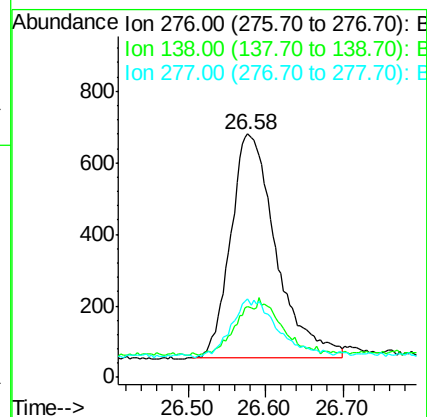
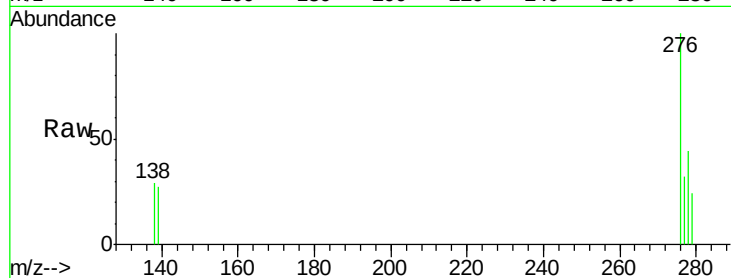
Tgt Ion:276 Resp: 2561

Ion Ratio Lower Upper

276 100

138 9.9 13.3 19.9#

277 11.4 19.4 29.0#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

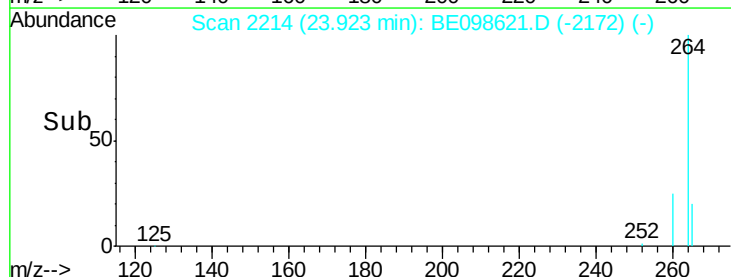
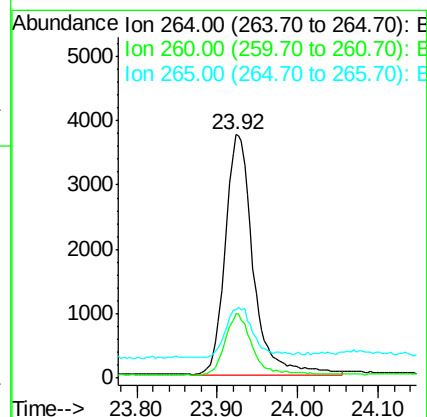
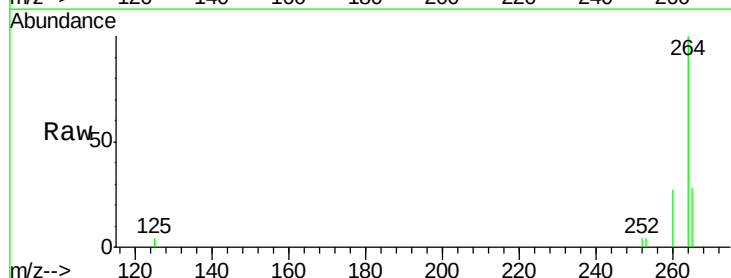
Tgt Ion:264 Resp: 8964

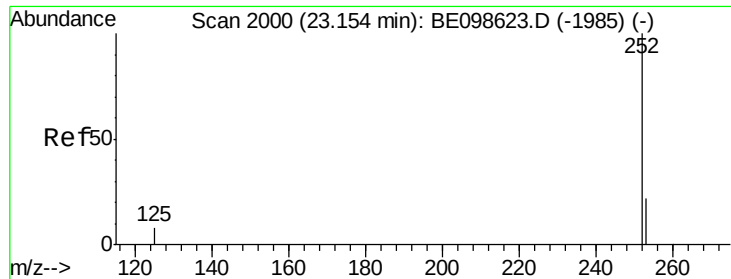
Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 28.2 22.3 33.5





#35

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 23.16 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

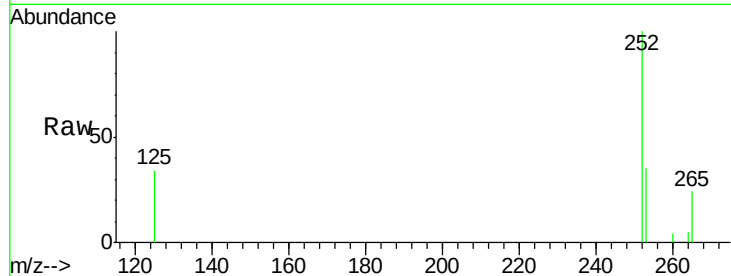
Tgt Ion:252 Resp: 2495

Ion Ratio Lower Upper

252 100

253 35.1 19.4 29.0#

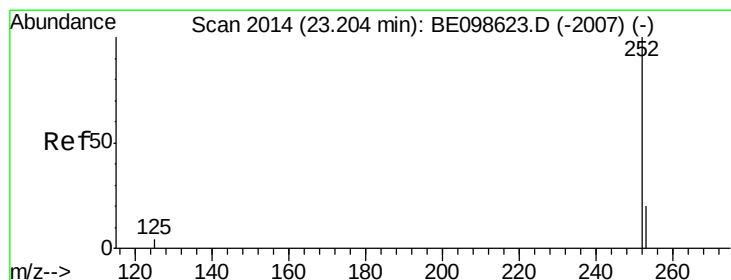
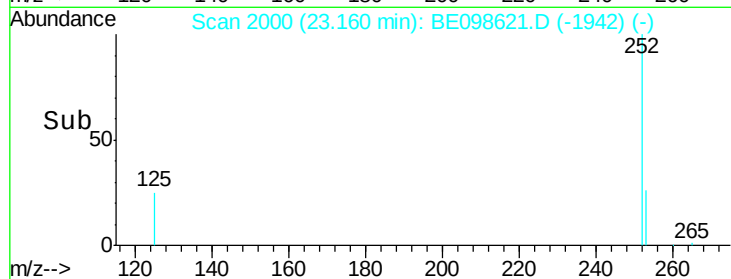
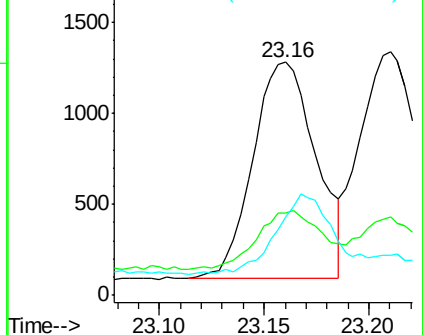
125 33.7 8.2 12.4#



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: 0.089 ng

RT: 23.21 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

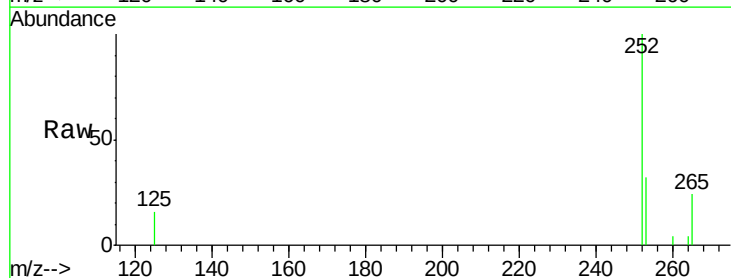
Tgt Ion:252 Resp: 2538

Ion Ratio Lower Upper

252 100

253 32.4 19.0 28.4#

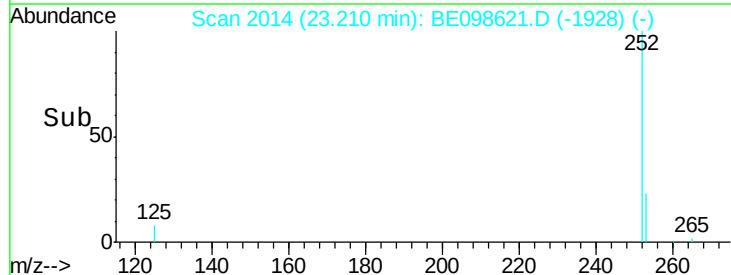
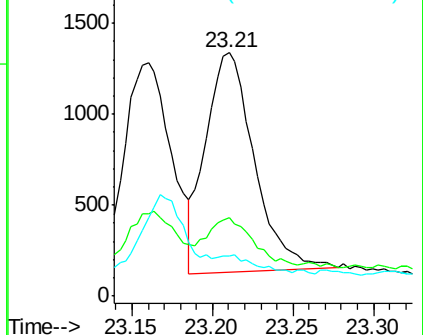
125 16.4 7.0 10.4#

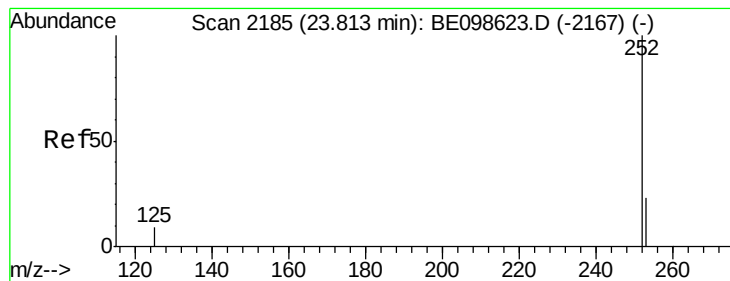


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.098 ng

RT: 23.82 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.1

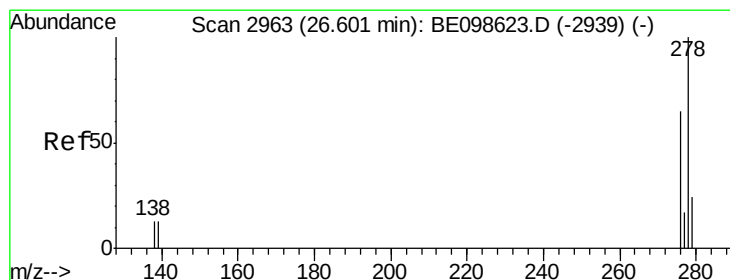
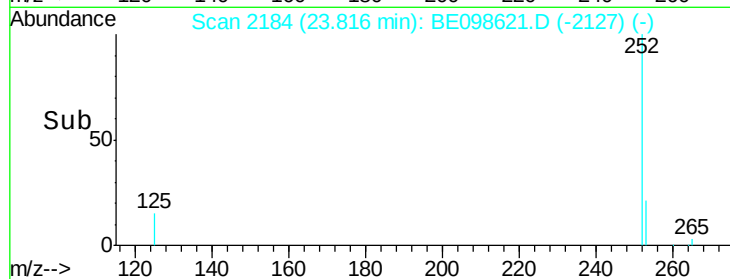
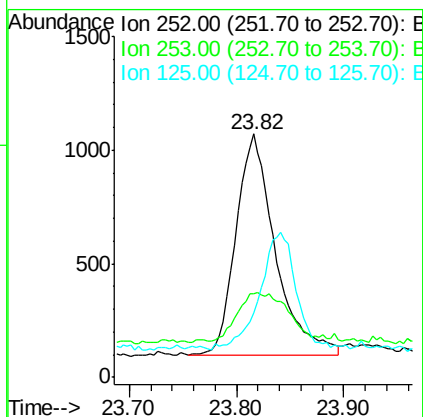
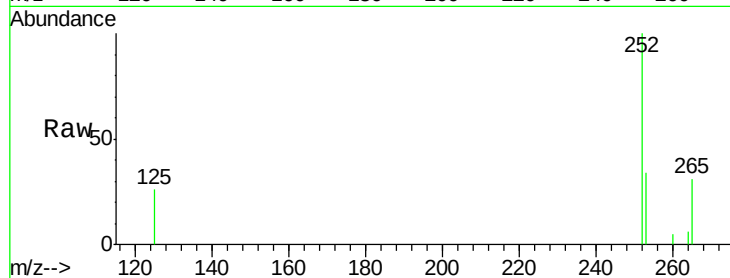
Tgt Ion:252 Resp: 2473

Ion Ratio Lower Upper

252 100

253 34.1 21.0 31.4#

125 26.5 9.2 13.8#



#38

Dibenzo(a,h)anthracene

Concen: 0.081 ng

RT: 26.60 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

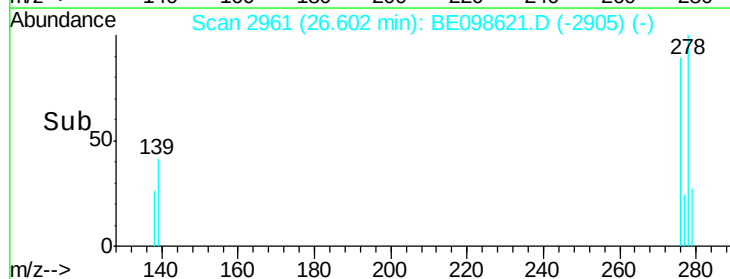
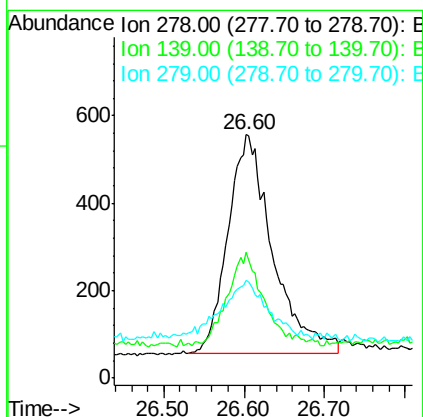
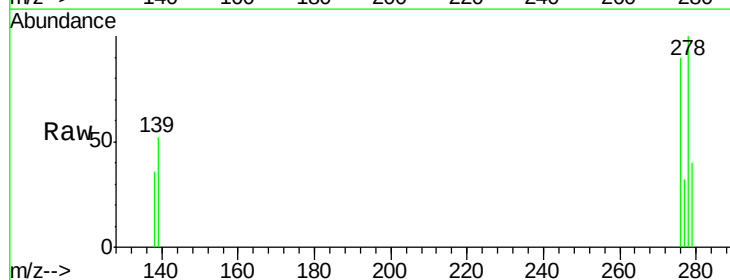
Tgt Ion:278 Resp: 1926

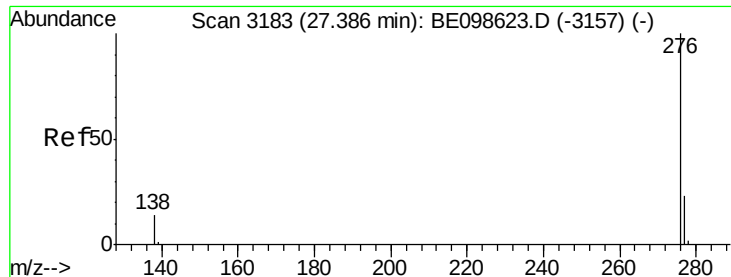
Ion Ratio Lower Upper

278 100

139 51.5 12.7 19.1#

279 40.2 22.0 33.0#





#39

Benzo(g,h,i)perylene

Concen: 0.097 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BE098621.D

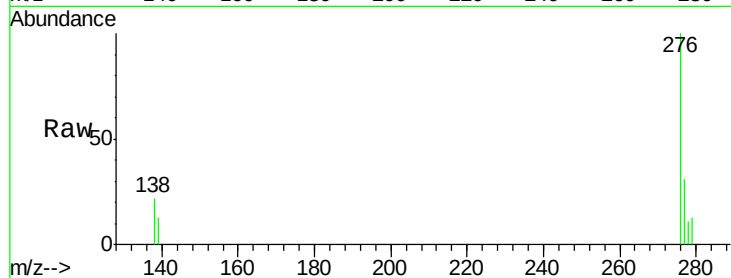
Acq: 15 Jan 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC0.1



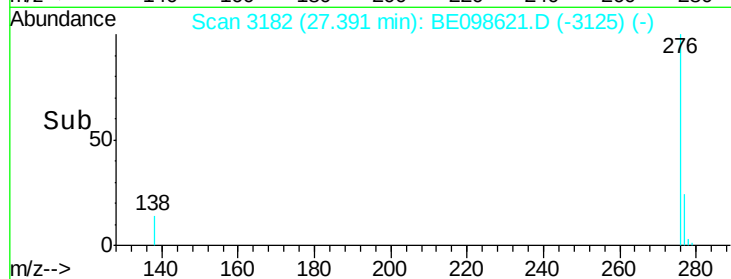
Tgt Ion: 276 Resp: 2337

Ion Ratio Lower Upper

276 100

277 31.2 20.3 30.5#

138 22.3 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

