

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098624.D
 Acq On : 15 Jan 2019 12:44
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jan 15 13:26:42 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	1115	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	5060	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3343	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7870	0.40	ng	0.00
27) Chrysene-d12	21.41	240	9106	0.40	ng	0.00
34) Perylene-d12	23.92	264	8703	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2314	0.89	ng	0.00
5) Phenol-d6	6.99	99	3425	0.93	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3593	0.78	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	6603	0.80	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1180	0.96	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	10568	0.75	ng	0.00
25) Fluoranthene-d10	19.26	212	76270	0.76	ng	0.00
29) Terphenyl-d14	19.86	244	15437	0.70	ng	0.00

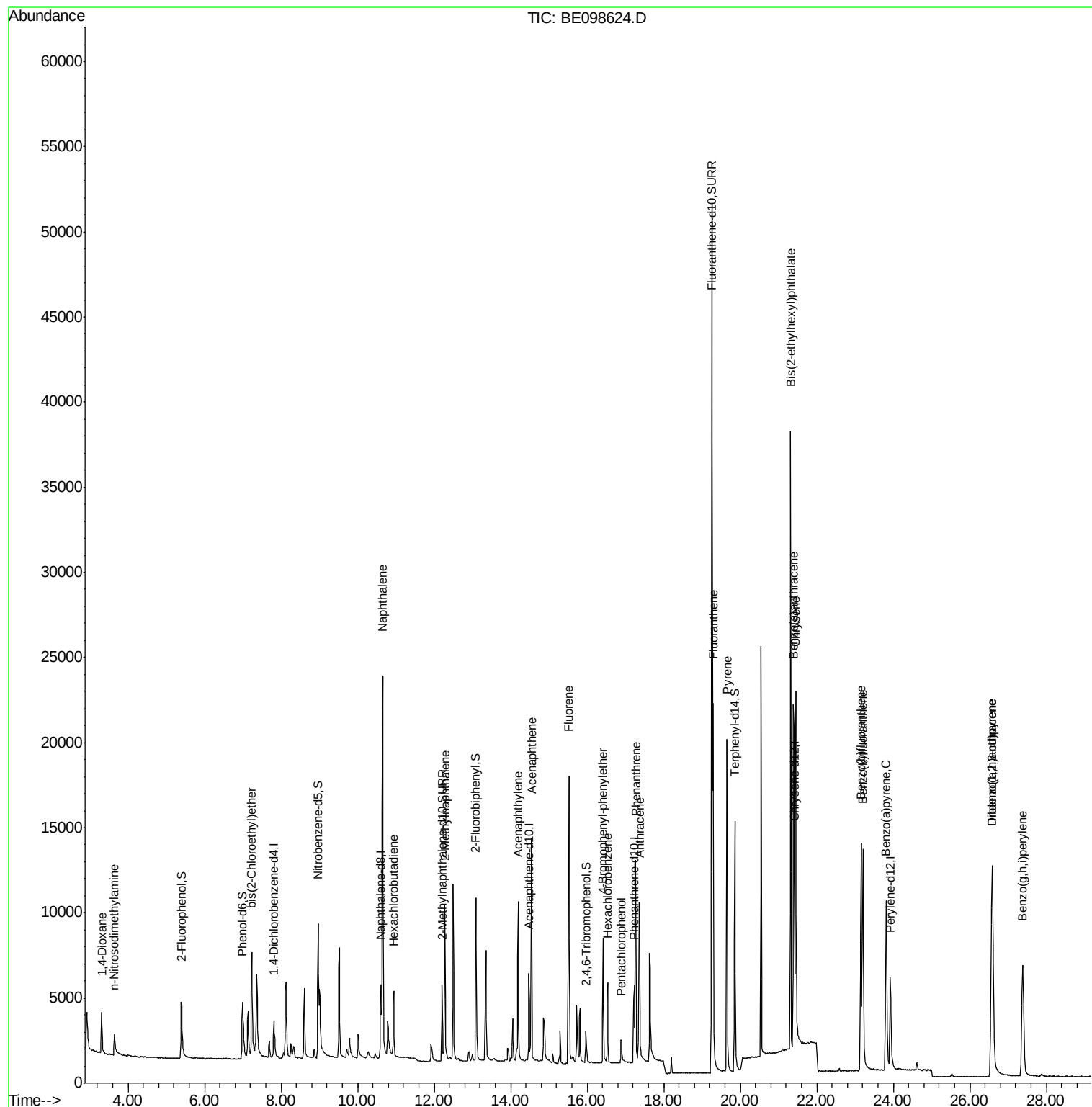
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1572	0.815	ng	96
3) n-Nitrosodimethylamine	3.64	42	1501	0.865	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	2663	0.758	ng	99
9) Naphthalene	10.65	128	39263	0.771	ng	99
10) Hexachlorobutadiene	10.94	225	2818	0.869	ng	99
12) 2-Methylnaphthalene	12.28	142	6629	0.801	ng	97
16) Acenaphthylene	14.20	152	11479	0.733	ng	99
17) Acenaphthene	14.54	154	7275	0.773	ng	98
18) Fluorene	15.51	166	9368	0.744	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	3328	0.786	ng	96
21) Hexachlorobenzene	16.53	284	3868	0.849	ng	96
22) Pentachlorophenol	16.89	266	1075	1.197	ng	92
23) Phenanthrene	17.27	178	14720	0.770	ng	99
24) Anthracene	17.36	178	12657	0.742	ng	99
26) Fluoranthene	19.29	202	18867	0.746	ng	99
28) Pyrene	19.65	202	19591	0.686	ng	100
30) Benzo(a)anthracene	21.39	228	19695	0.760	ng	98
31) Chrysene	21.45	228	19493	0.718	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	37182	0.706	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	20444	0.756	ng	98
35) Benzo(b)fluoranthene	23.16	252	18546	0.779	ng	97
36) Benzo(k)fluoranthene	23.20	252	21311	0.769	ng	98
37) Benzo(a)pyrene	23.81	252	18312	0.746	ng	# 95
38) Dibenzo(a,h)anthracene	26.59	278	16866	0.729	ng	95
39) Benzo(g,h,i)perylene	27.38	276	17925	0.769	ng	99

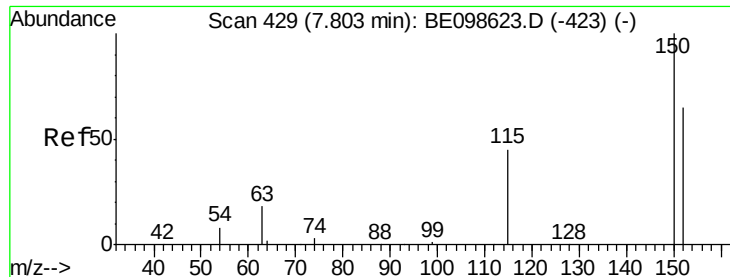
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 15 12:58:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

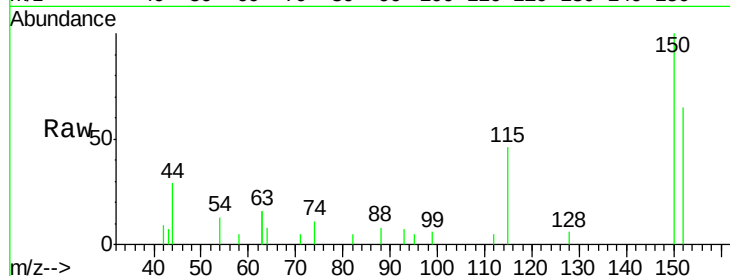
Tgt Ion:152 Resp: 1115

Ion Ratio Lower Upper

152 100

150 154.8 121.4 182.2

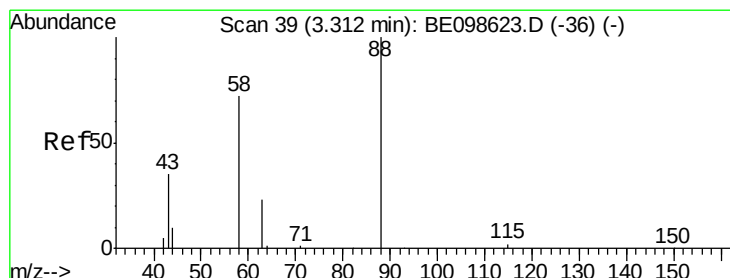
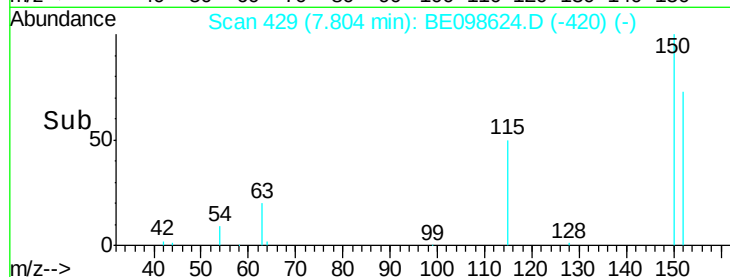
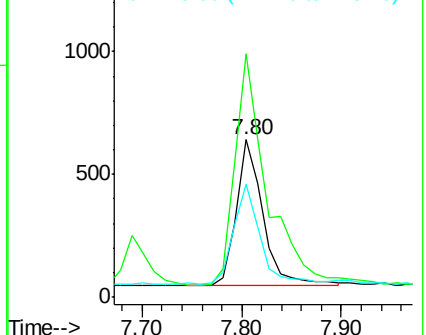
115 71.7 59.1 88.7



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: 0.815 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

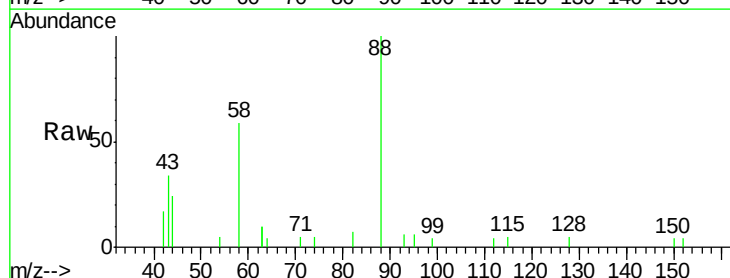
Tgt Ion: 88 Resp: 1572

Ion Ratio Lower Upper

88 100

58 95.2 73.9 110.9

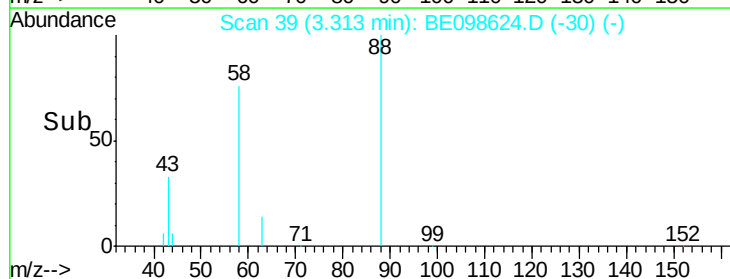
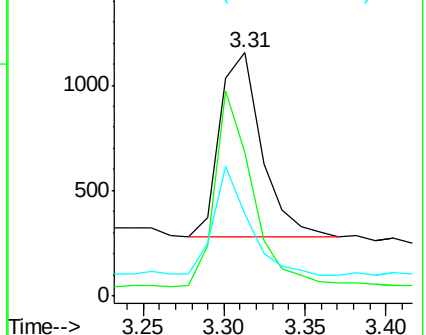
43 49.9 43.7 65.5

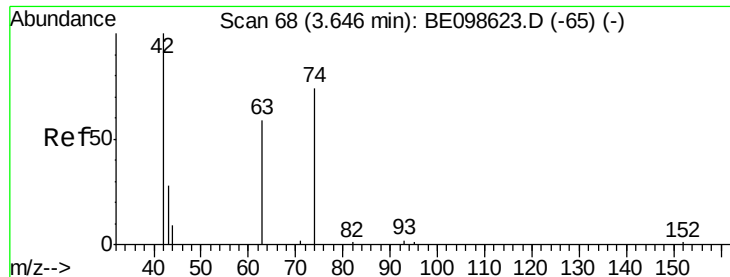


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.865 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampled :

SSTDIC0.8

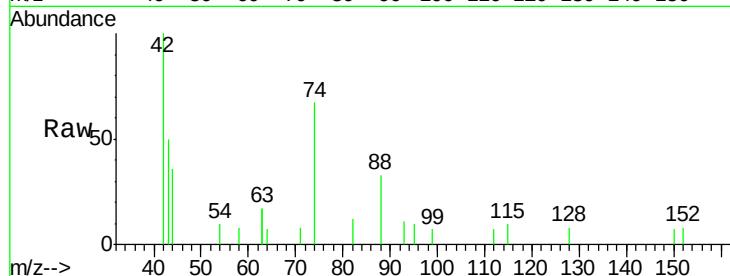
Tgt Ion: 42 Resp: 1501

Ion Ratio Lower Upper

42 100

74 73.6 58.9 88.3

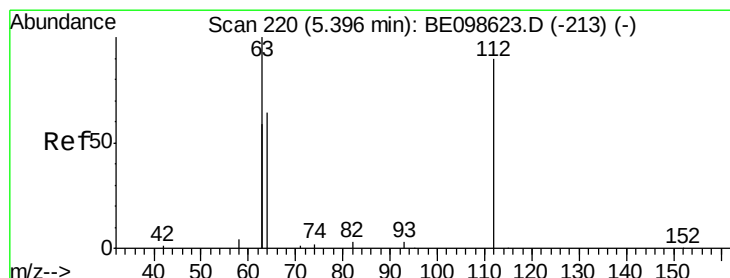
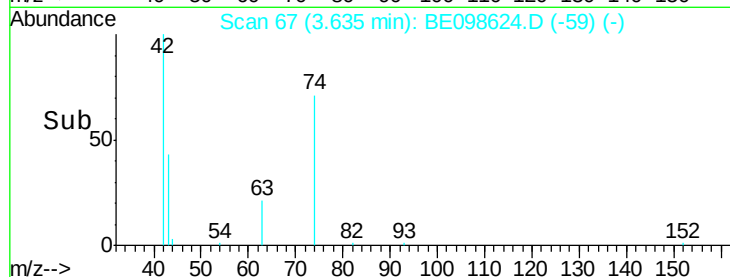
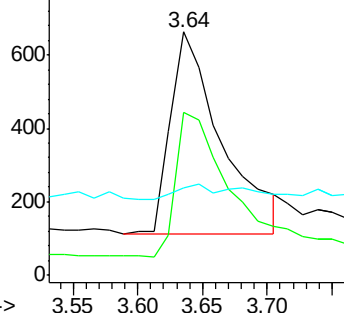
44 6.2 0.0 0.0#



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: 0.887 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

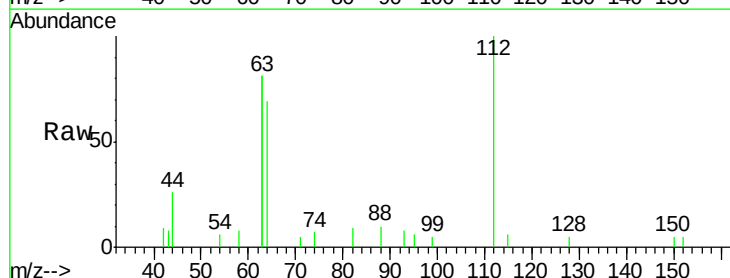
Tgt Ion: 112 Resp: 2314

Ion Ratio Lower Upper

112 100

64 84.6 62.9 94.3

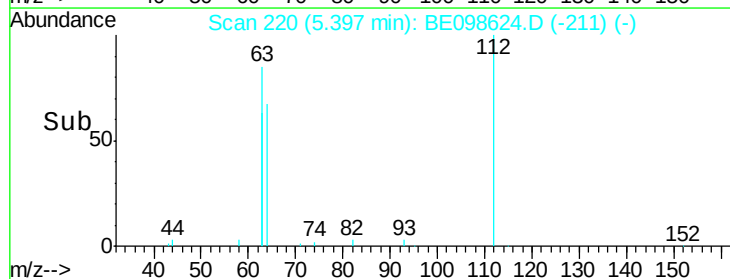
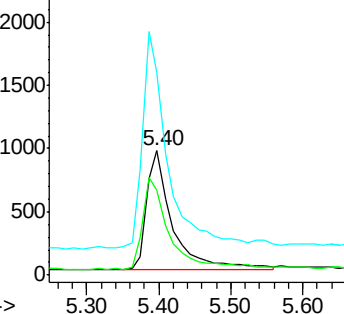
63 185.9 152.2 228.4

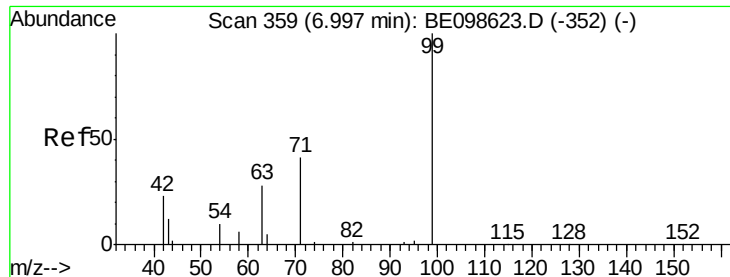


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.927 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampled :

SSTDIC0.8

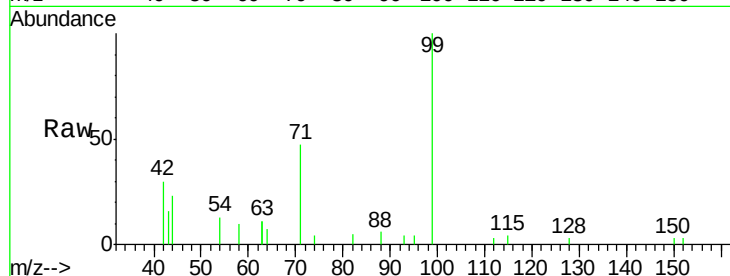
Tgt Ion: 99 Resp: 3425

Ion Ratio Lower Upper

99 100

42 30.9 24.6 37.0

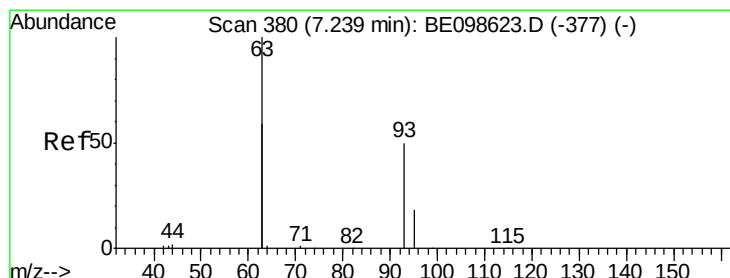
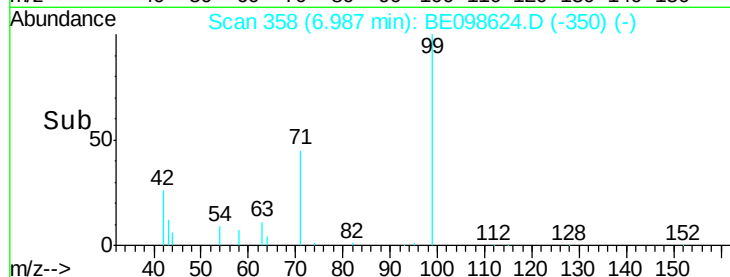
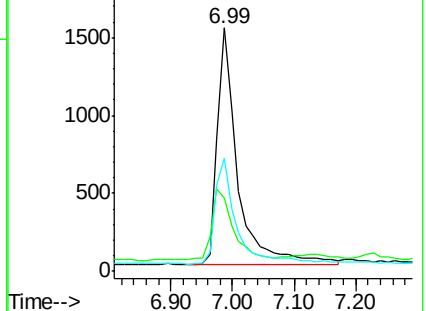
71 47.2 35.1 52.7



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



#6

bis(2-Chloroethyl)ether

Concen: 0.758 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

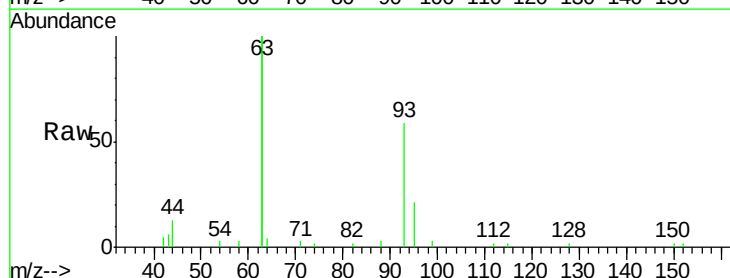
Tgt Ion: 93 Resp: 2663

Ion Ratio Lower Upper

93 100

63 331.6 267.3 400.9

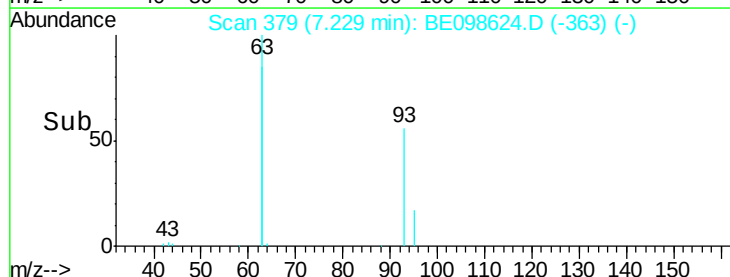
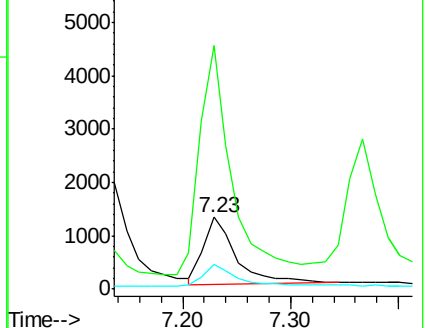
95 35.1 26.2 39.4

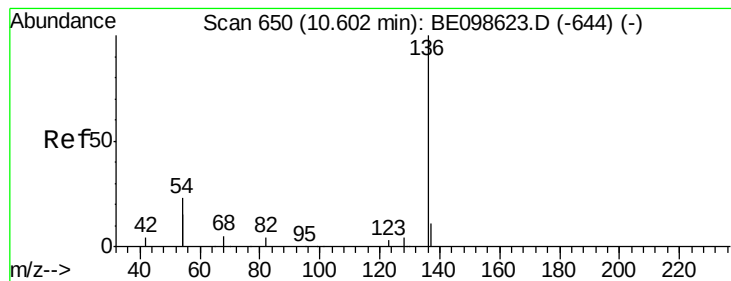


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

Tgt Ion: 136 Resp: 5060

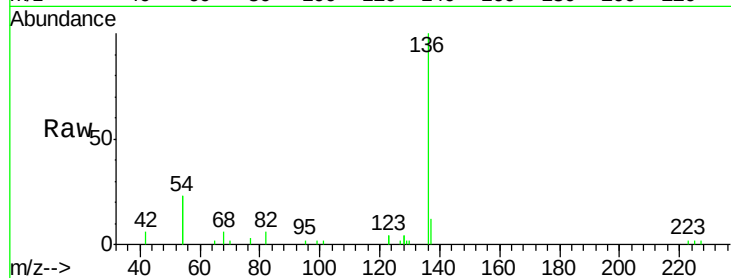
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 45.4 35.5 53.3

68 6.4 5.0 7.6

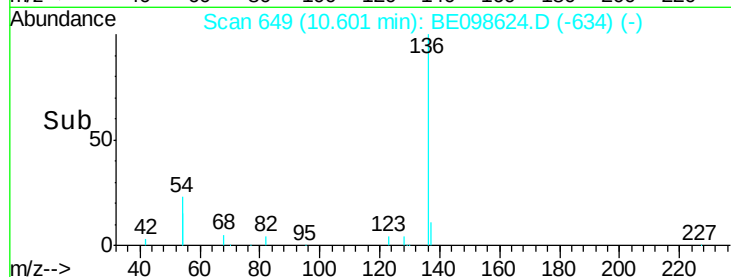


Abundance Ion 136.00 (135.70 to 136.70): E

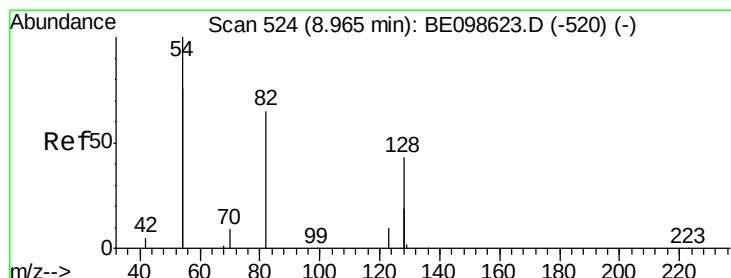
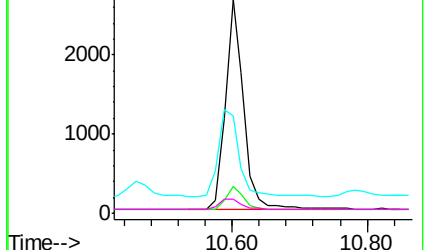
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.780 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

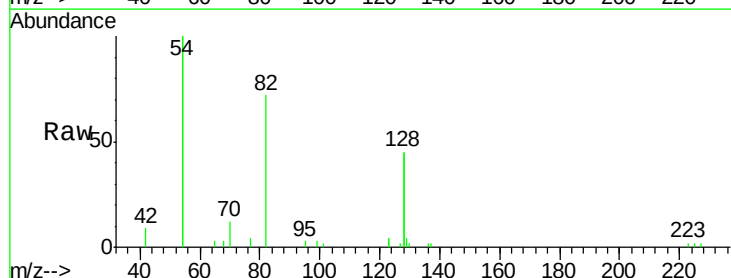
Tgt Ion: 82 Resp: 3593

Ion Ratio Lower Upper

82 100

128 123.9 96.5 144.7

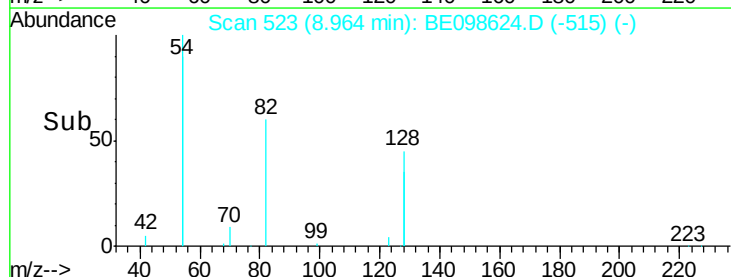
54 276.2 224.7 337.1



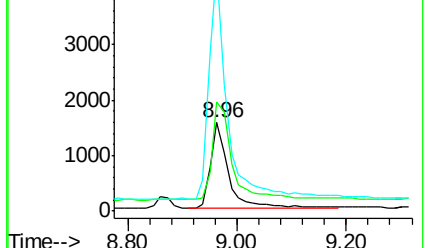
Abundance Ion 82.00 (81.70 to 82.70): BE0

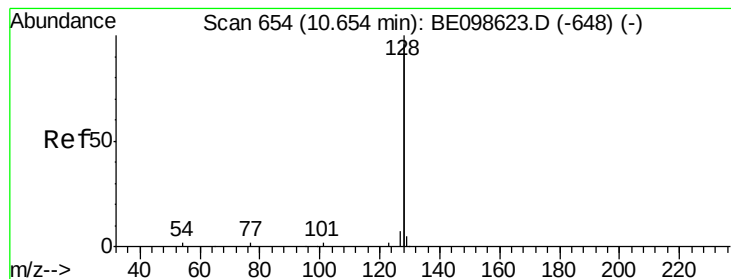
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.771 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

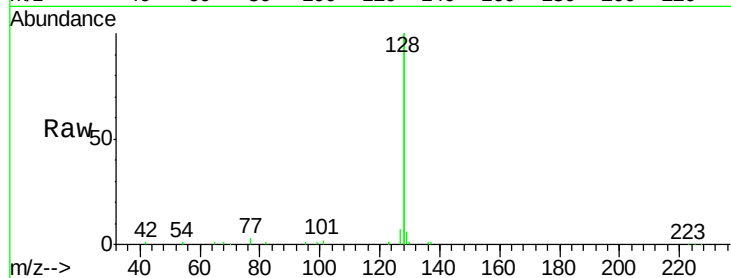
Tgt Ion:128 Resp: 39263

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

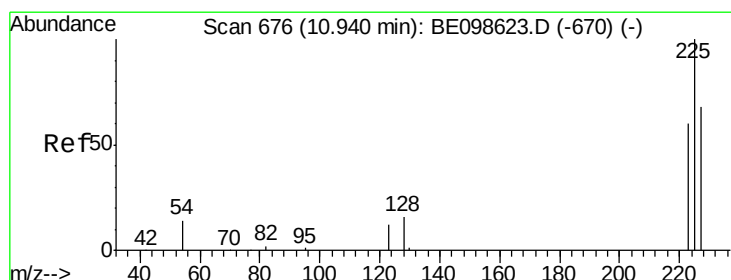
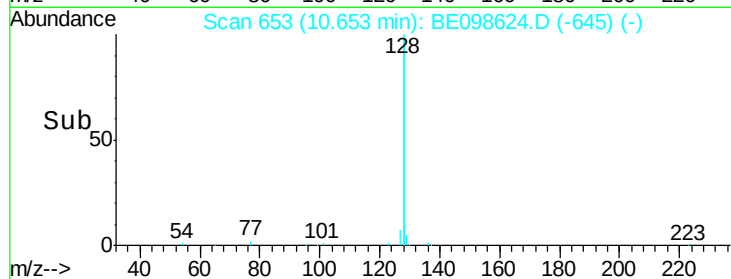
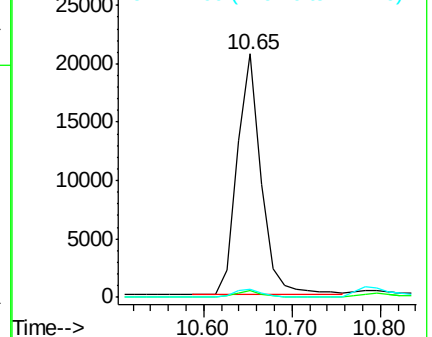
127 3.6 3.0 4.6



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: 0.869 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

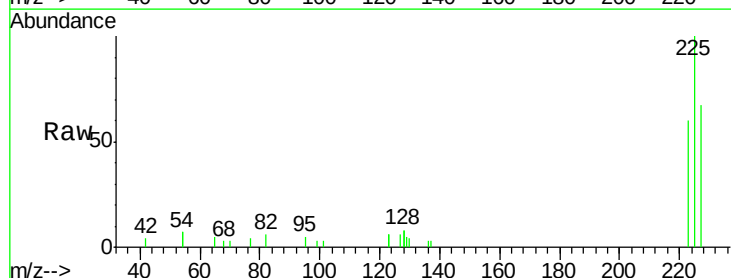
Tgt Ion:225 Resp: 2818

Ion Ratio Lower Upper

225 100

223 60.6 47.8 71.8

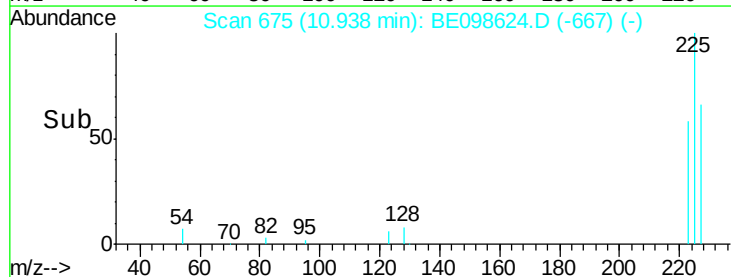
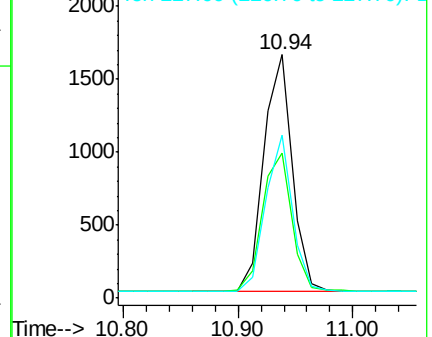
227 62.0 50.5 75.7

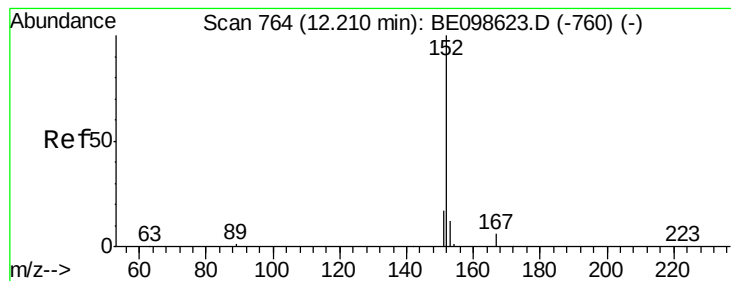


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.803 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

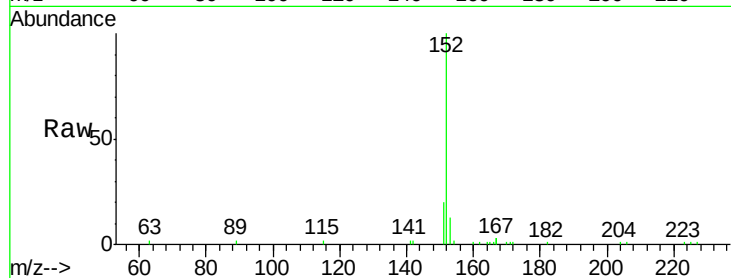
SSTDIC0.8

Tgt Ion:152 Resp: 6603

Ion Ratio Lower Upper

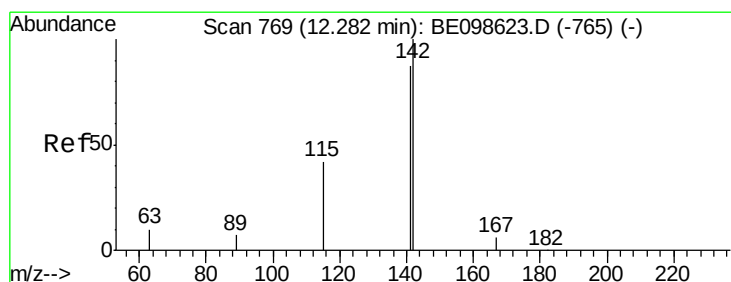
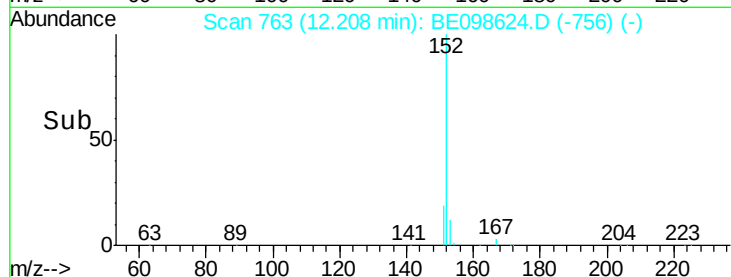
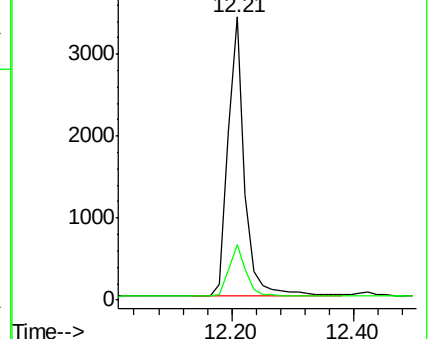
152 100

151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.801 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

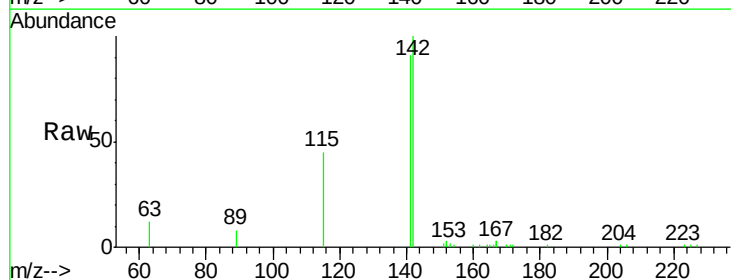
Tgt Ion:142 Resp: 6629

Ion Ratio Lower Upper

142 100

141 91.4 70.0 105.0

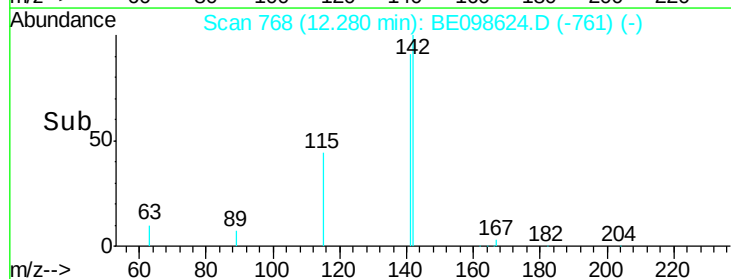
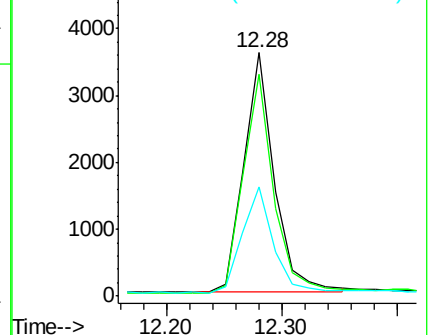
115 45.0 35.2 52.8

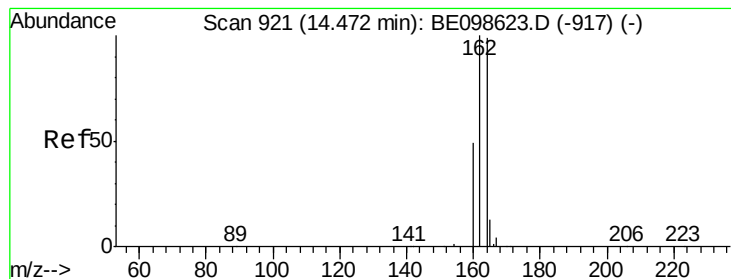


Abundance Ion 142.00 (141.70 to 142.70): E

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# 920

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampled :

SSTDIC0.8

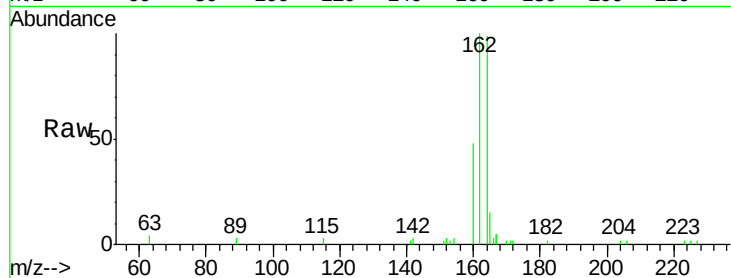
Tgt Ion:164 Resp: 3343

Ion Ratio Lower Upper

164 100

162 100.6 80.5 120.7

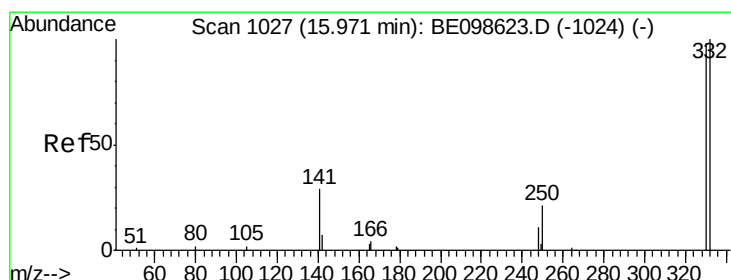
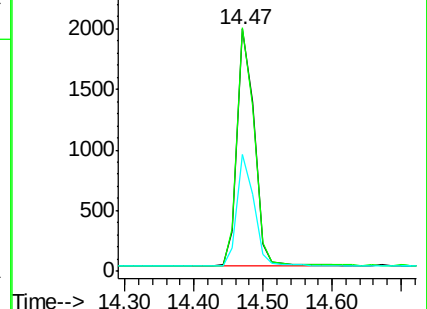
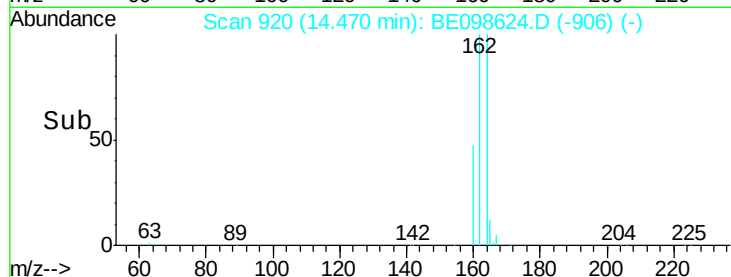
160 48.3 40.1 60.1



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: 0.961 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

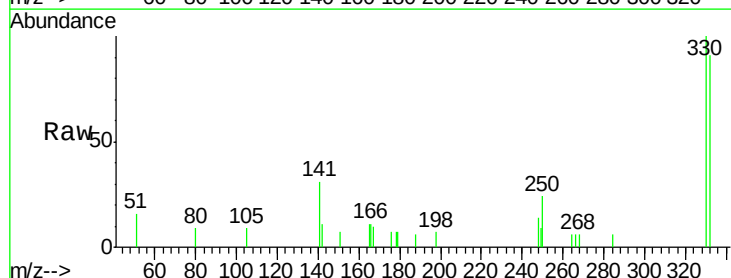
Tgt Ion:330 Resp: 1180

Ion Ratio Lower Upper

330 100

332 94.6 73.3 109.9

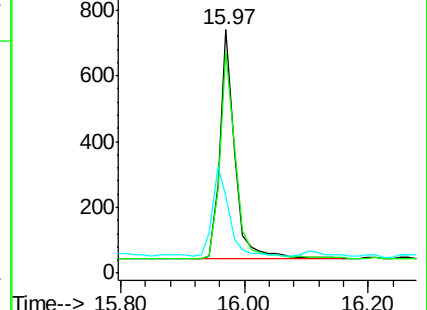
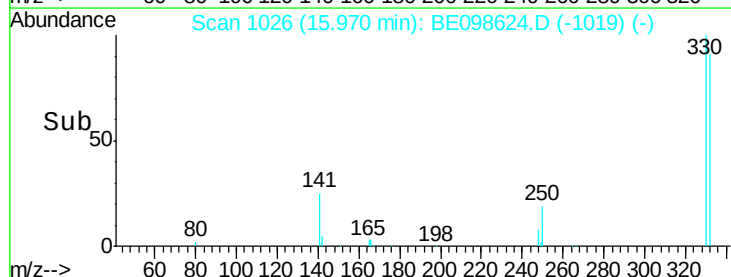
141 42.0 33.1 49.7

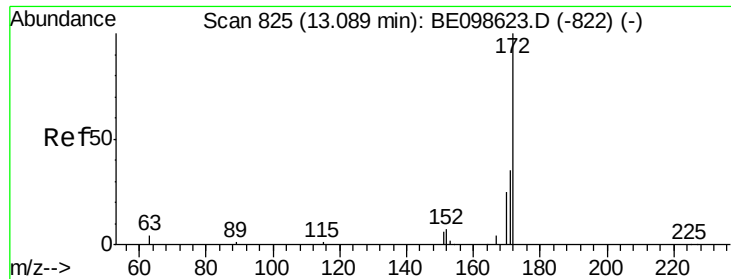


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

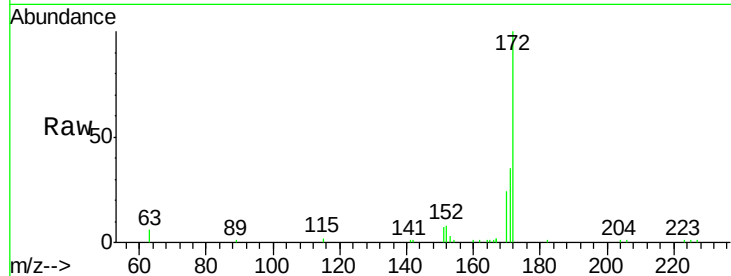




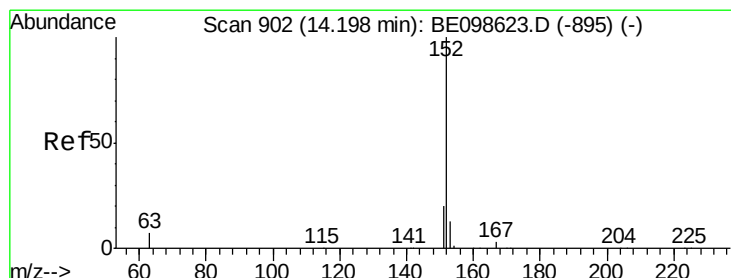
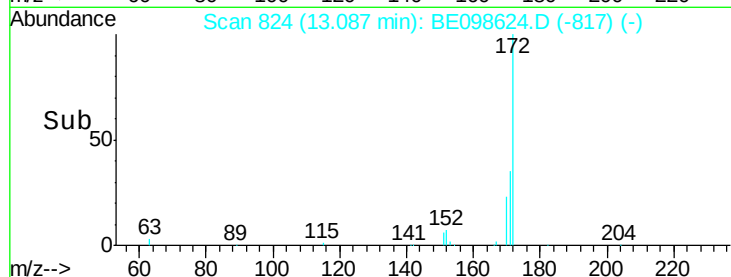
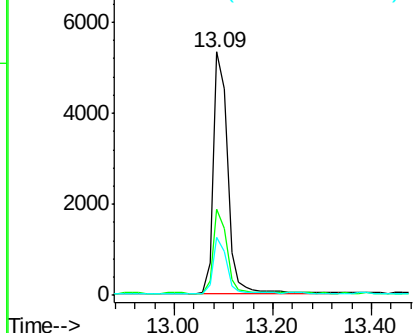
#15
2-Fluorobiphenyl
Concen: 0.749 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDIC0.8

Tgt Ion:172 Resp: 10568
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.8 20.8 31.2

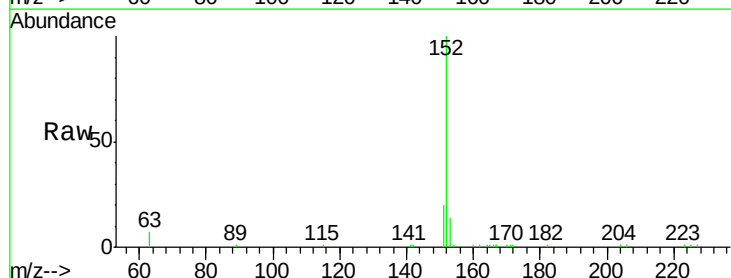


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

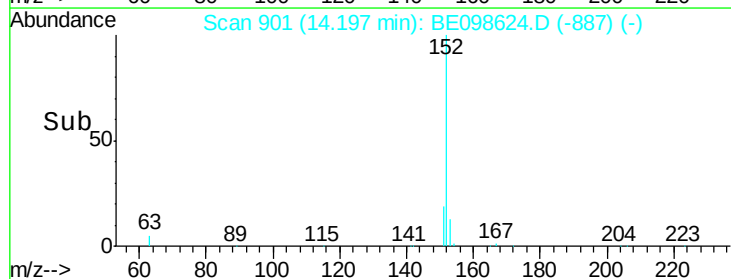
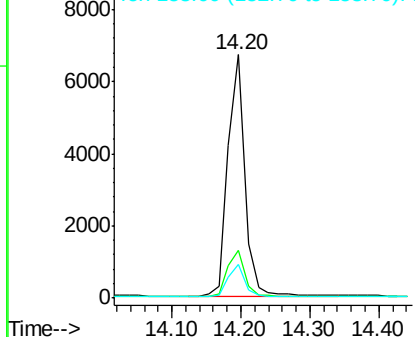


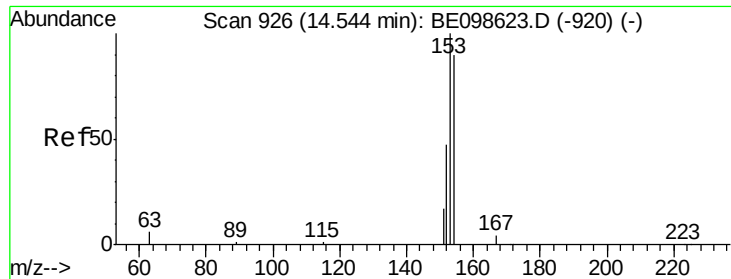
#16
Acenaphthylene
Concen: 0.733 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Tgt Ion:152 Resp: 11479
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.2 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

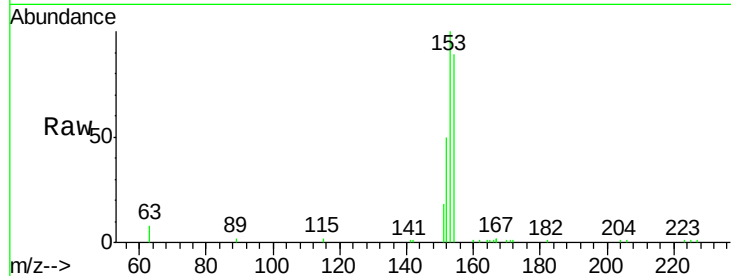




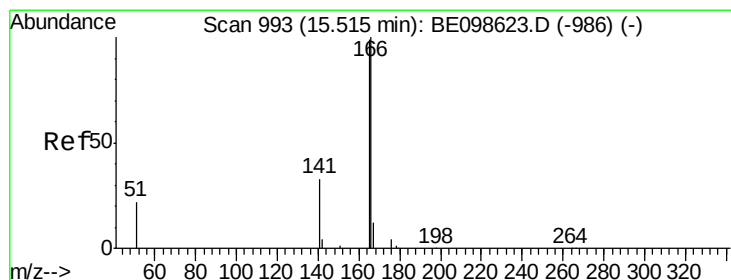
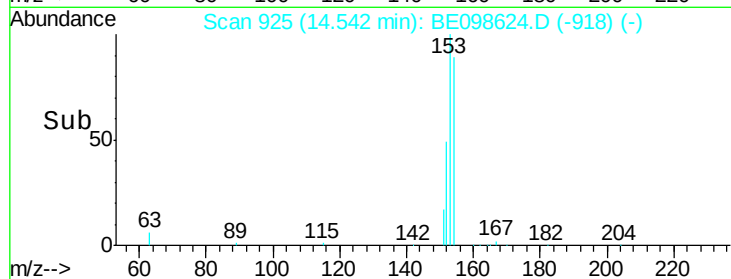
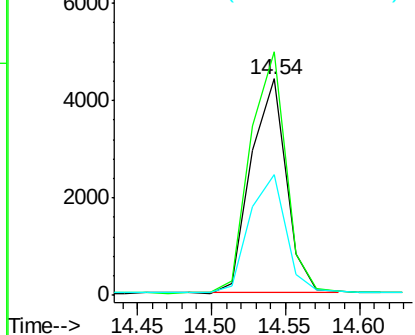
#17
Acenaphthene
Concen: 0.773 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDIC0.8

Tgt Ion:154 Resp: 7275
Ion Ratio Lower Upper
154 100
153 113.8 93.9 140.9
152 56.8 45.8 68.8

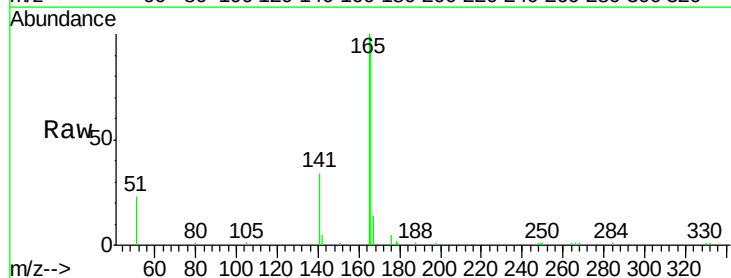


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

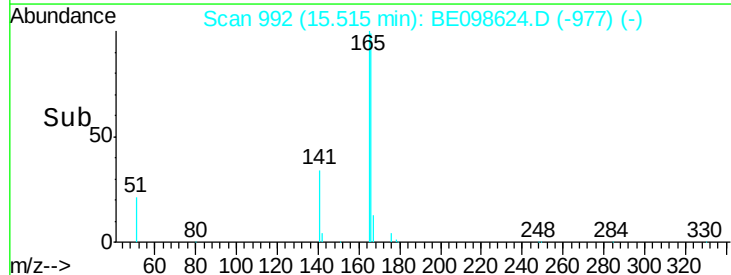
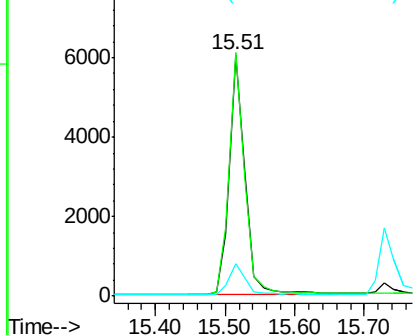


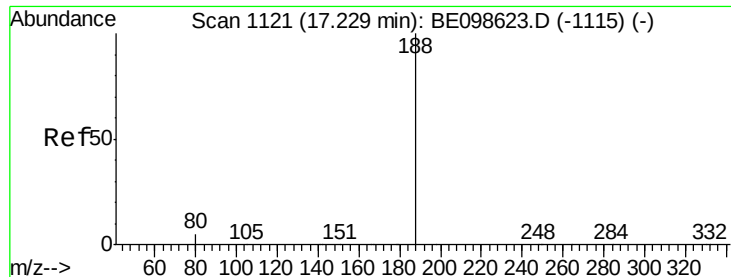
#18
Fluorene
Concen: 0.744 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Tgt Ion:166 Resp: 9368
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 13.7 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: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

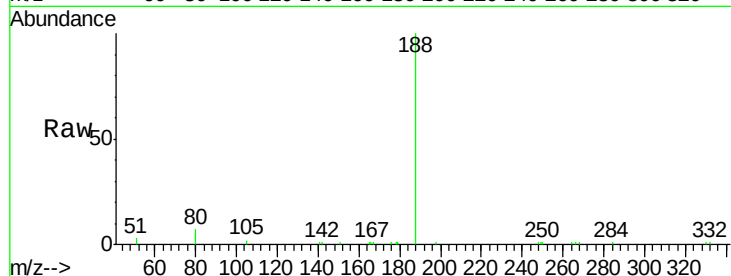
Tgt Ion:188 Resp: 7870

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

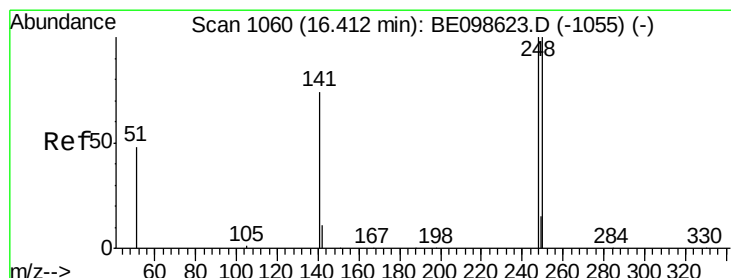
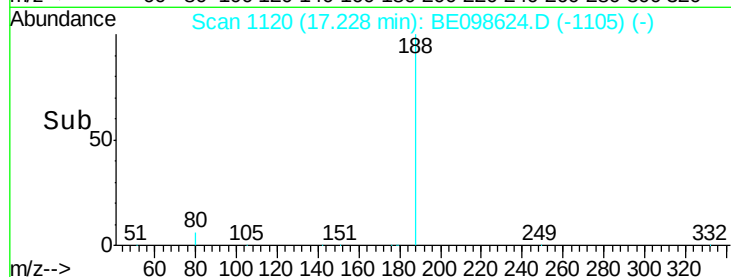
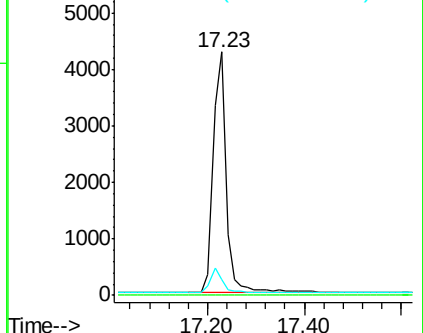
80 6.7 4.7 7.1



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: 0.786 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

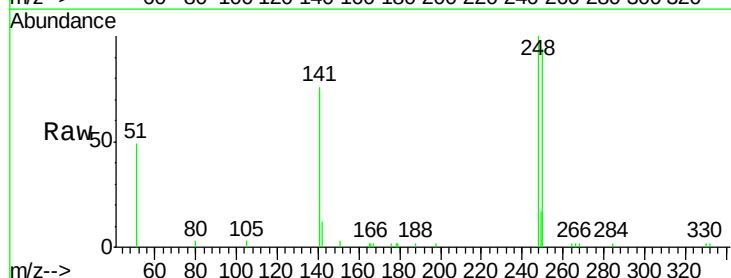
Tgt Ion:248 Resp: 3328

Ion Ratio Lower Upper

248 100

250 93.6 80.2 120.4

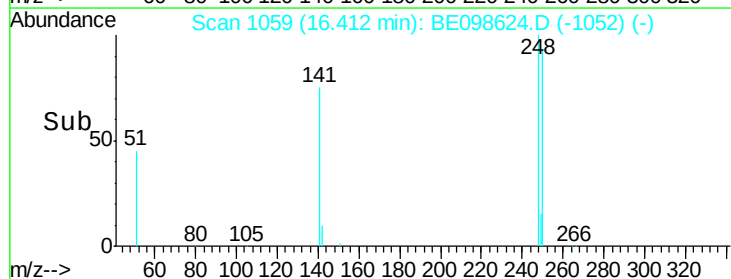
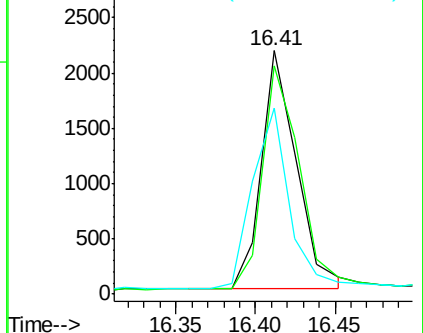
141 76.3 60.5 90.7

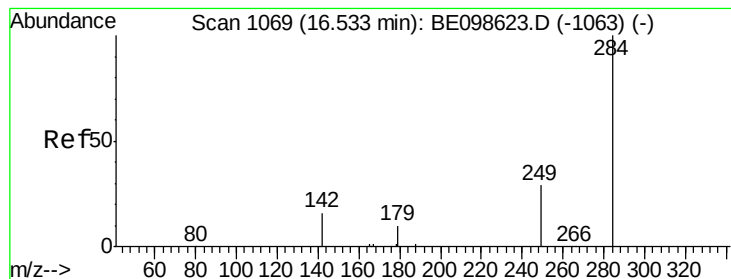


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.849 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

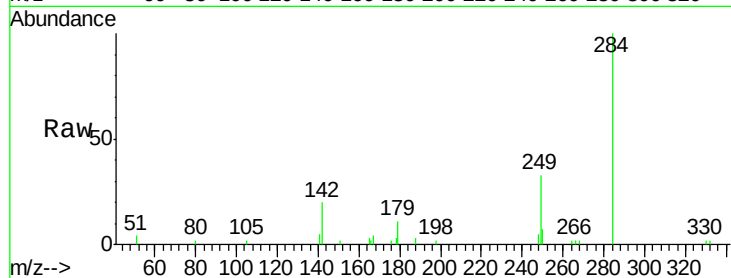
Tgt Ion:284 Resp: 3868

Ion Ratio Lower Upper

284 100

142 34.5 25.5 38.3

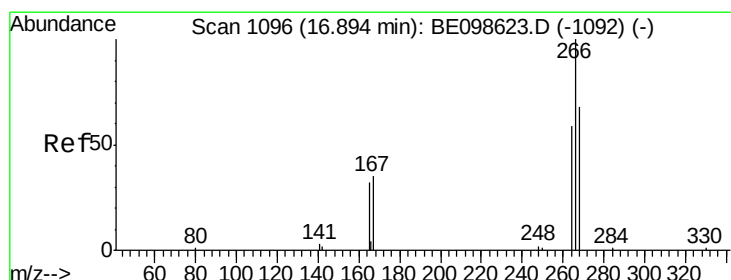
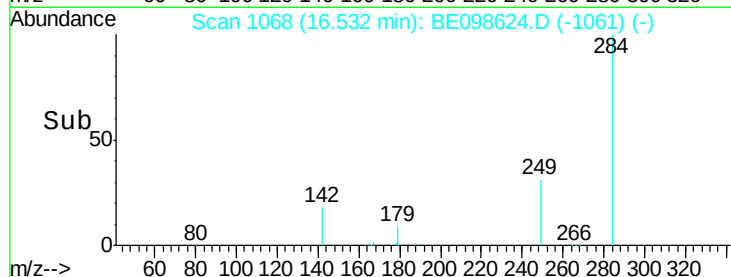
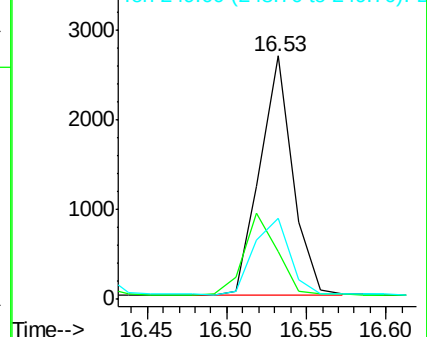
249 34.8 26.6 39.8



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: 1.197 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

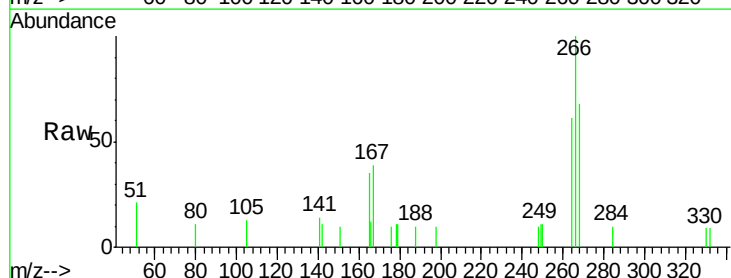
Tgt Ion:266 Resp: 1075

Ion Ratio Lower Upper

266 100

264 61.4 53.7 80.5

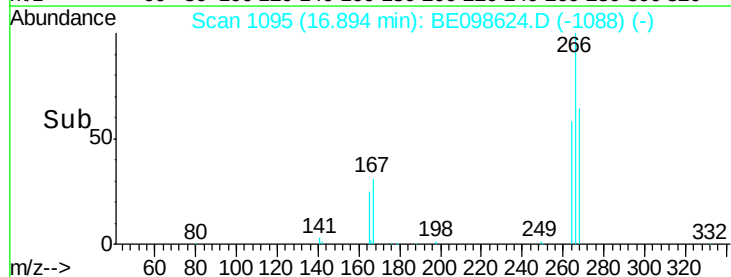
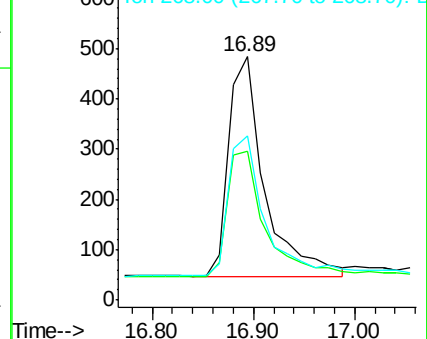
268 67.6 59.8 89.8

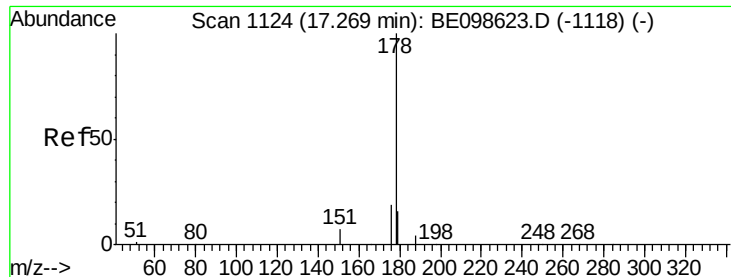


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.770 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC0.8

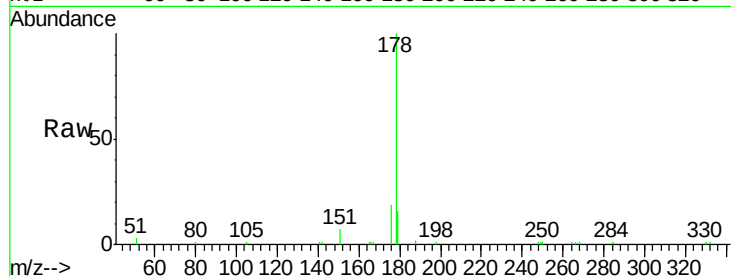
Tgt Ion:178 Resp: 14720

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

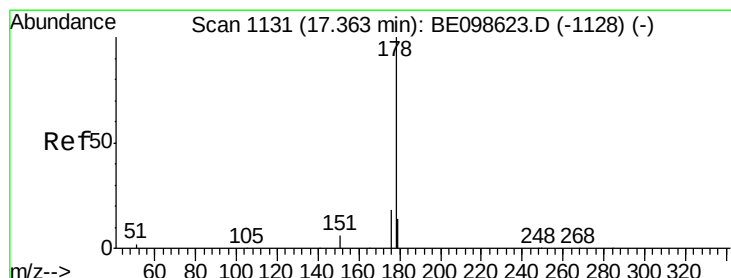
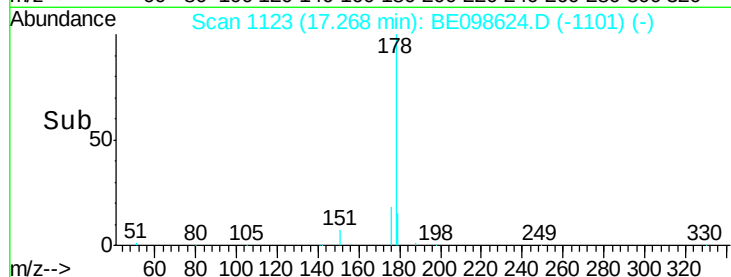
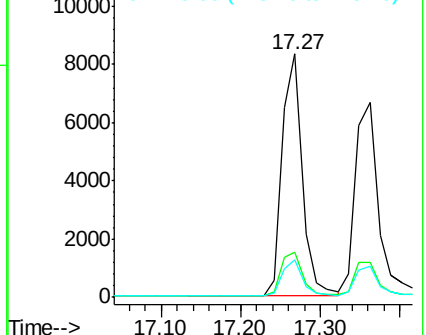
179 14.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.742 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

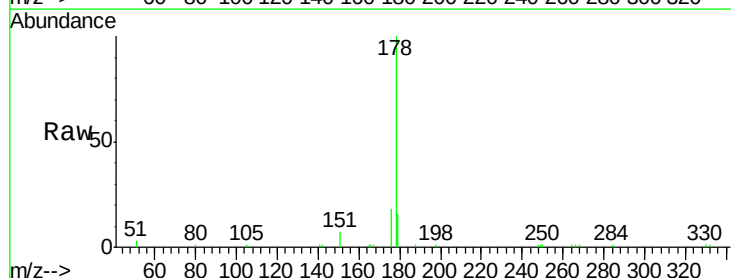
Tgt Ion:178 Resp: 12657

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

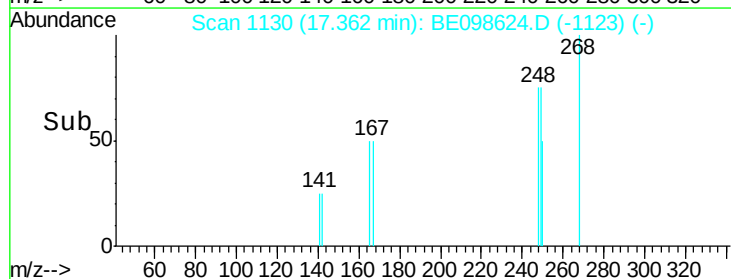
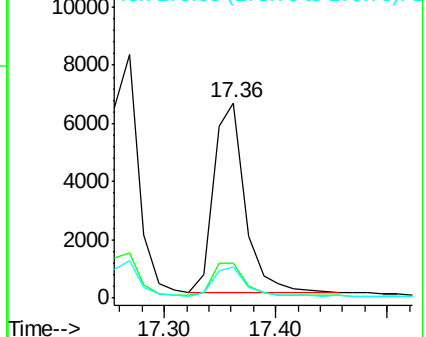
179 15.7 11.8 17.8

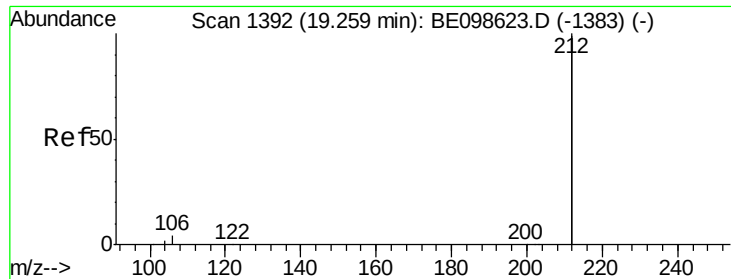


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.755 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

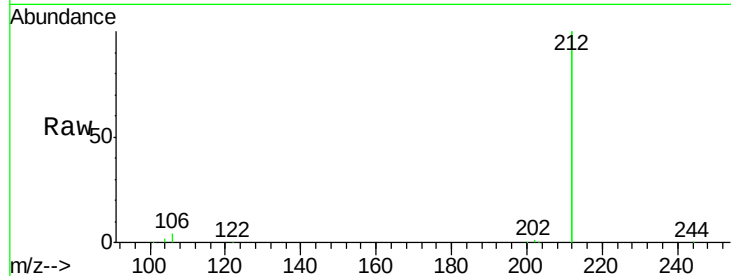
Tgt Ion:212 Resp: 76270

Ion Ratio Lower Upper

212 100

106 2.2 1.7 2.5

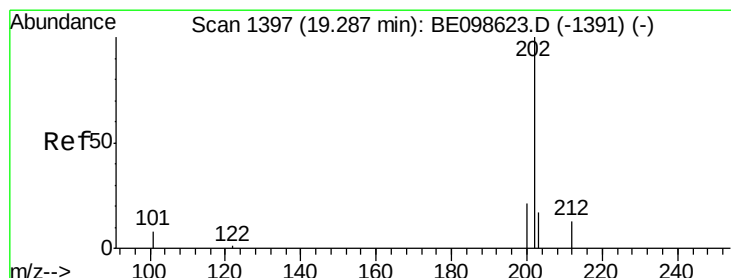
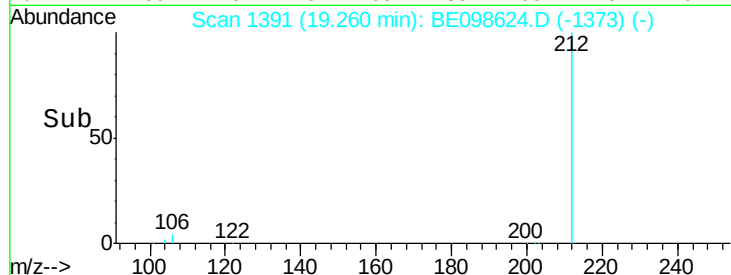
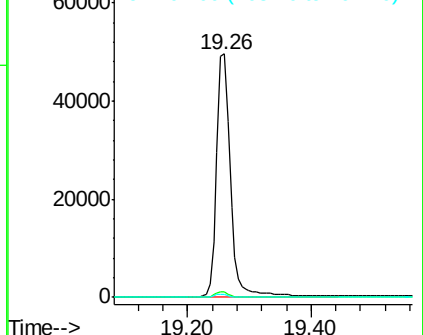
104 1.2 1.0 1.6



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: 0.746 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

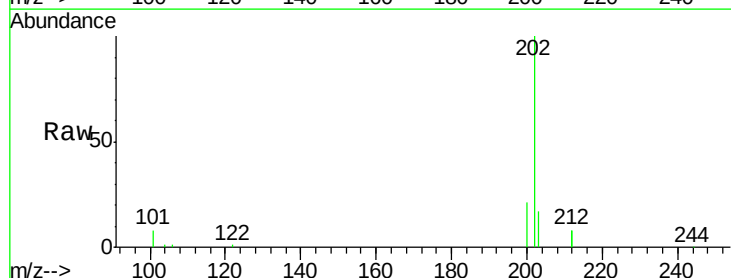
Tgt Ion:202 Resp: 18867

Ion Ratio Lower Upper

202 100

101 8.0 6.7 10.1

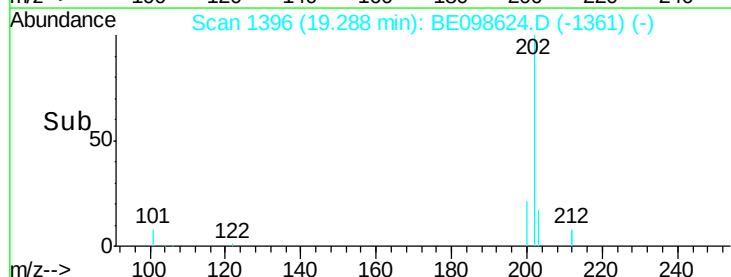
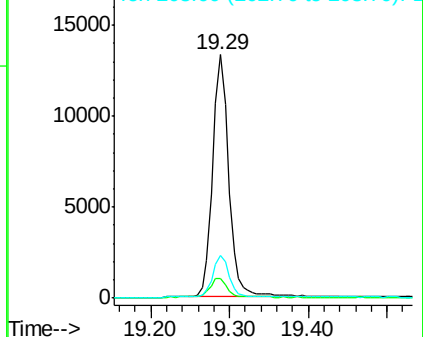
203 17.0 13.3 19.9

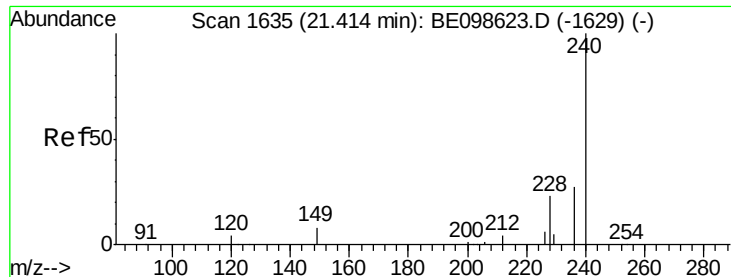


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1634

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

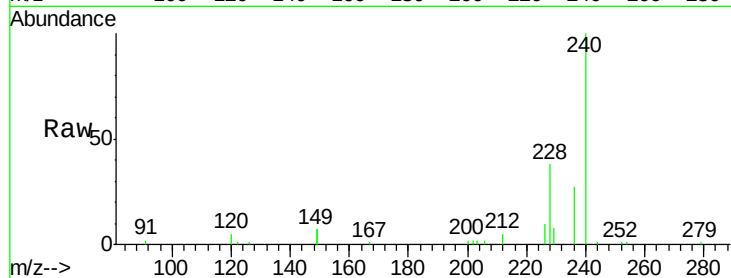
Tgt Ion:240 Resp: 9106

Ion Ratio Lower Upper

240 100

120 5.4 4.7 7.1

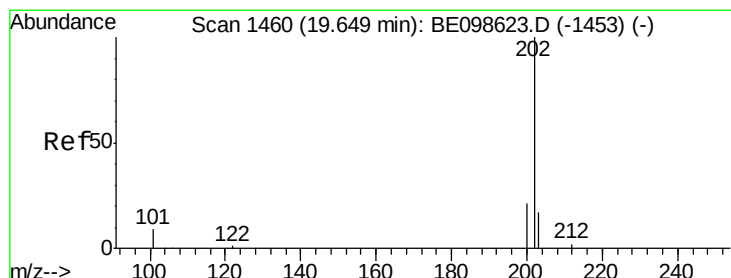
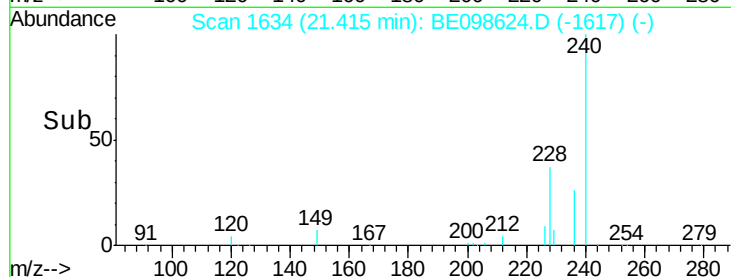
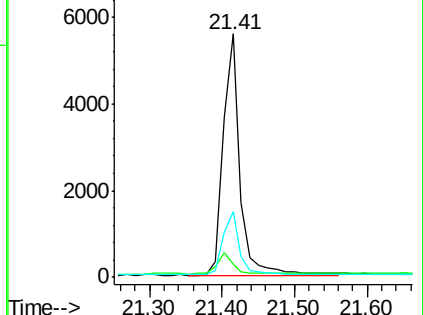
236 26.8 21.9 32.9



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: 0.686 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

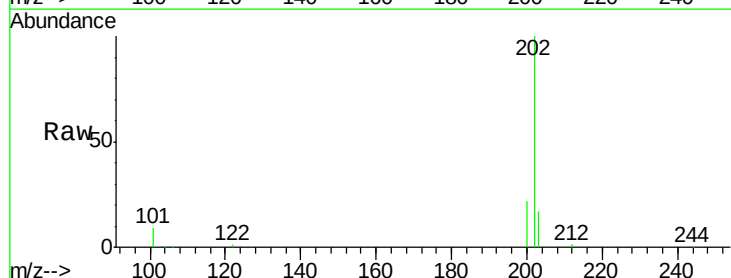
Tgt Ion:202 Resp: 19591

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

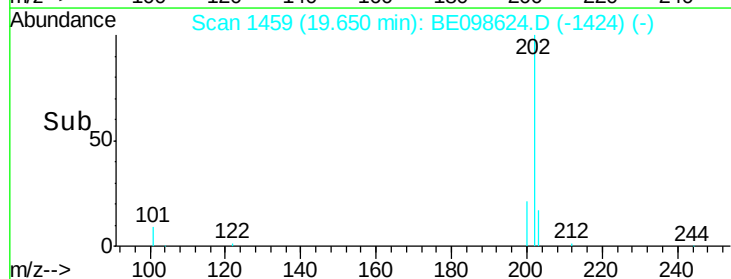
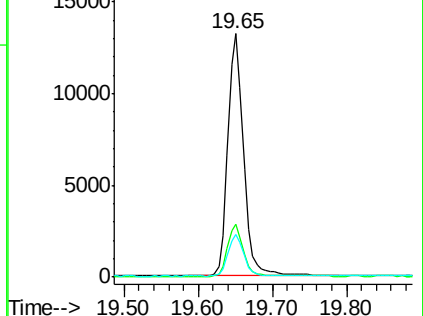
203 17.2 13.8 20.8

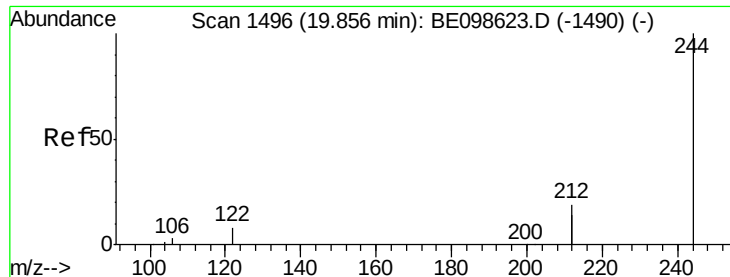


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.698 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampled :

SSTDIC0.8

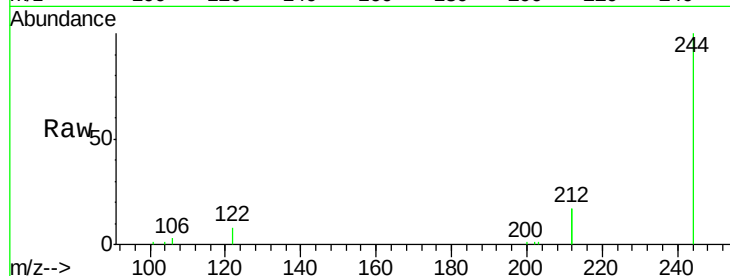
Tgt Ion:244 Resp: 15437

Ion Ratio Lower Upper

244 100

212 34.1 29.4 44.2

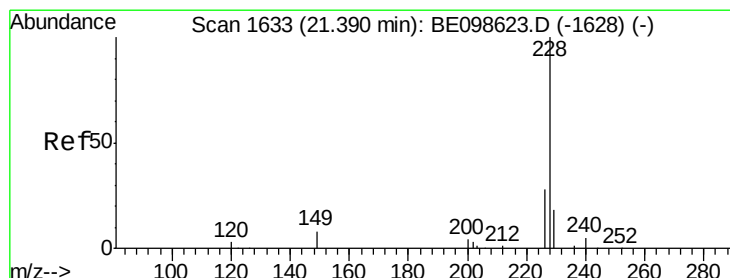
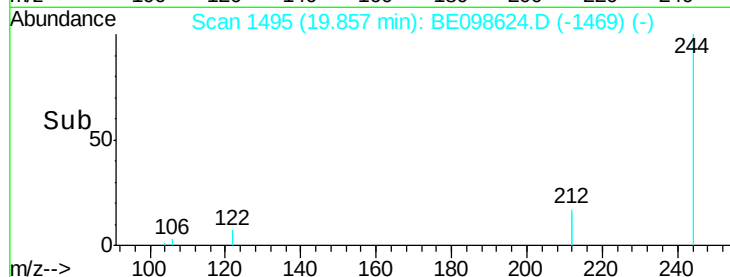
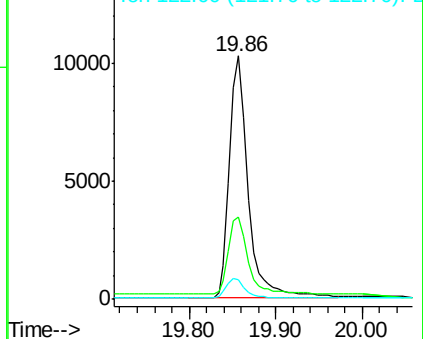
122 7.9 7.1 10.7



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: 0.760 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

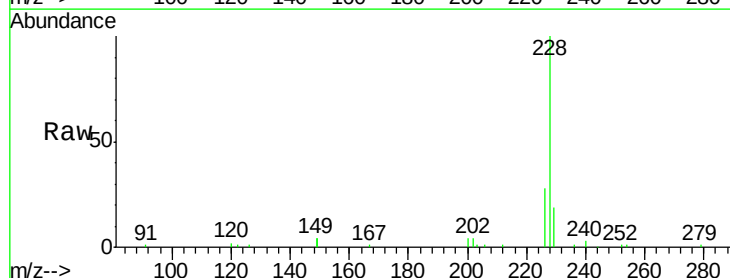
Tgt Ion:228 Resp: 19695

Ion Ratio Lower Upper

228 100

226 27.8 23.0 34.4

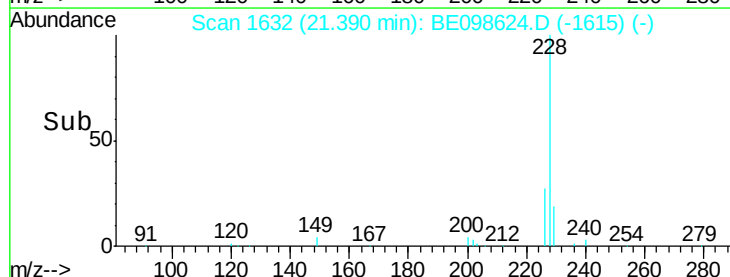
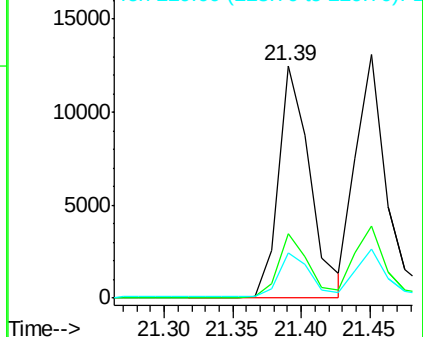
229 19.4 15.0 22.6

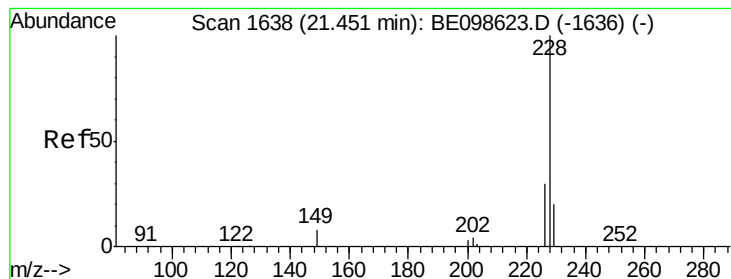


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.718 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC0.8

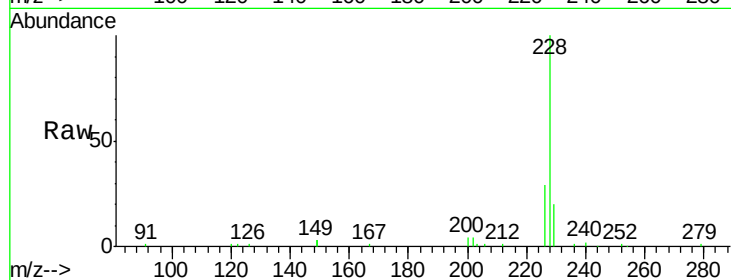
Tgt Ion:228 Resp: 19493

Ion Ratio Lower Upper

228 100

226 29.4 24.6 36.8

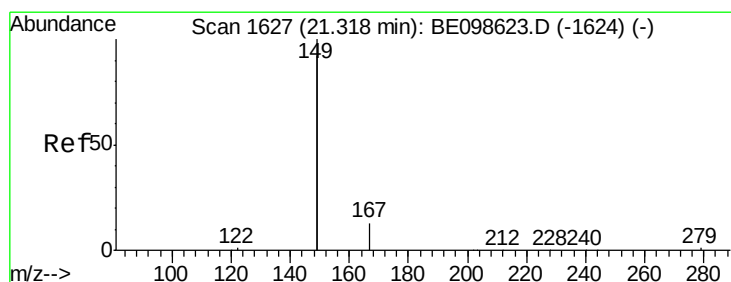
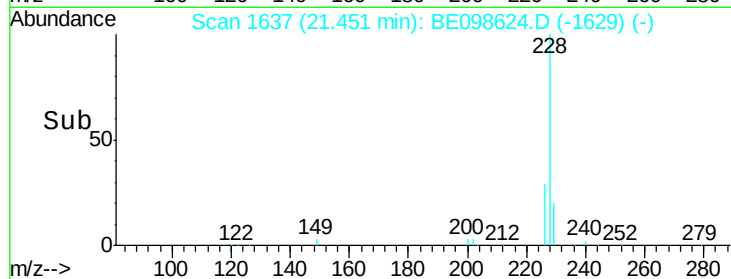
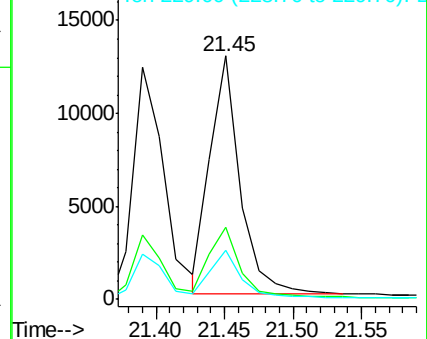
229 19.9 16.4 24.6



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: 0.706 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

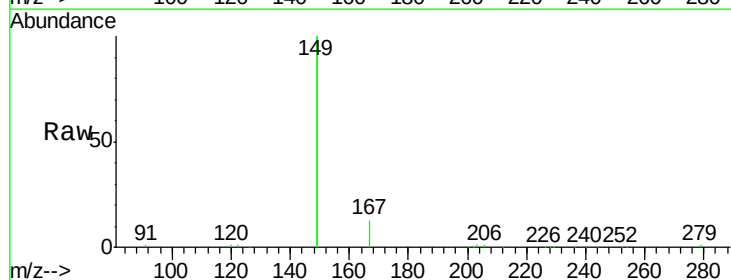
Tgt Ion:149 Resp: 37182

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.2

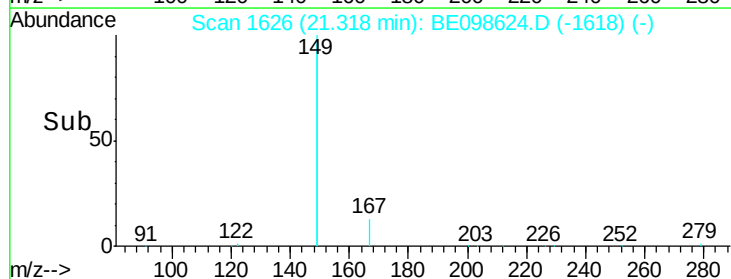
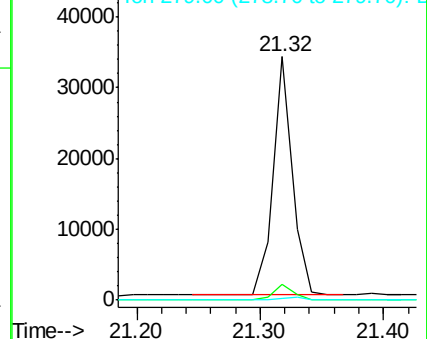
279 1.1 1.0 1.4

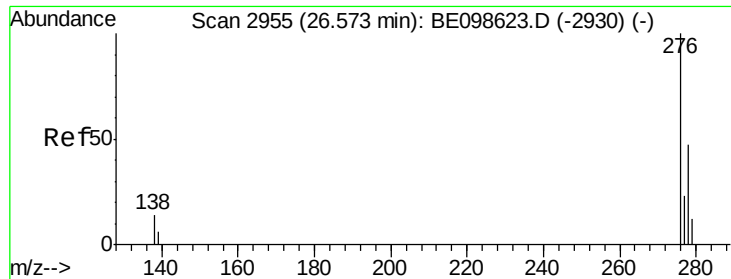


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.756 ng

RT: 26.57 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

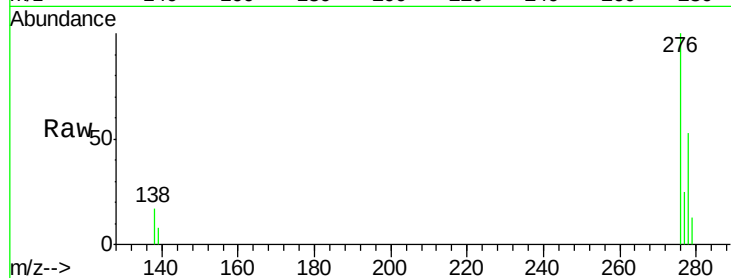
Tgt Ion:276 Resp: 20444

Ion Ratio Lower Upper

276 100

138 17.3 13.3 19.9

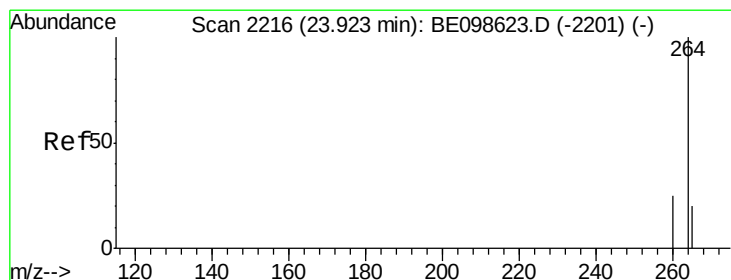
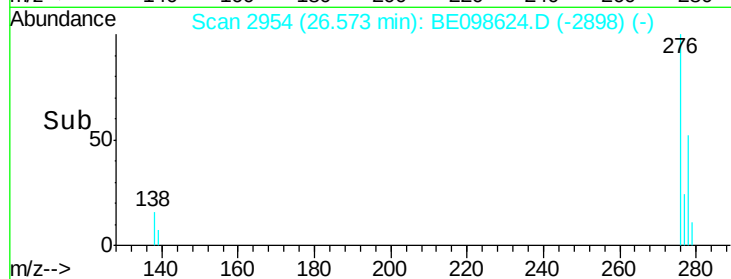
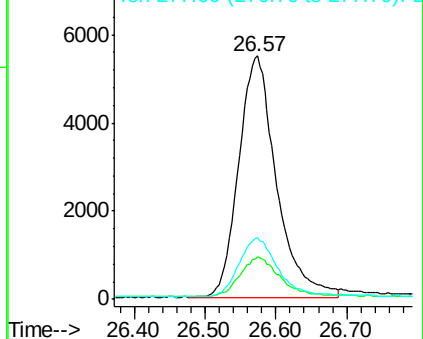
277 25.1 19.4 29.0



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# 2215

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

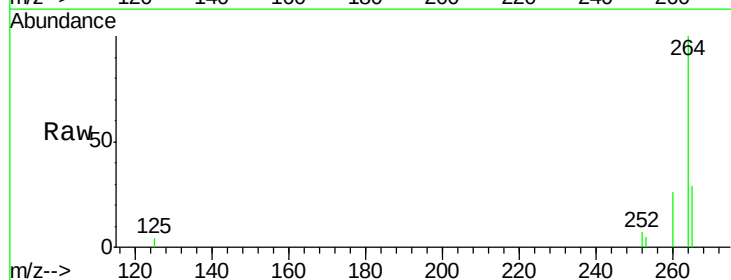
Tgt Ion:264 Resp: 8703

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

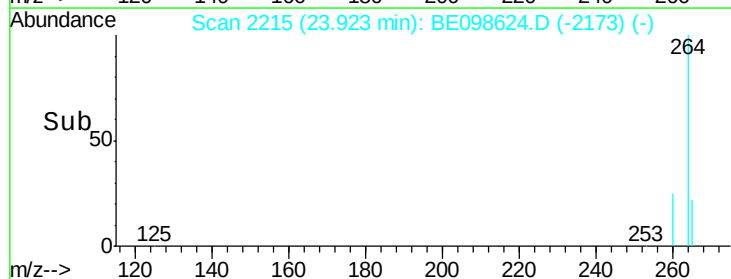
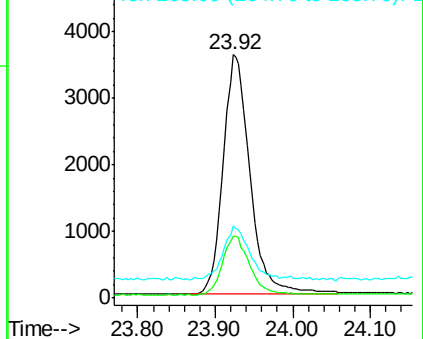
265 29.5 22.3 33.5

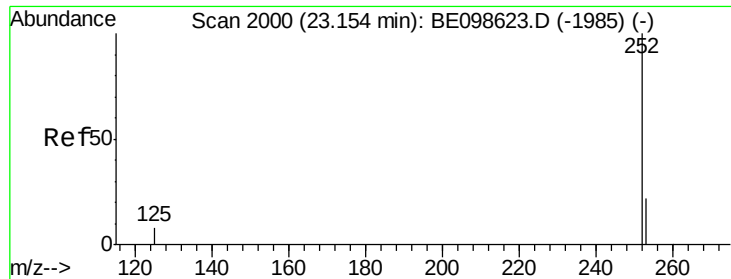


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

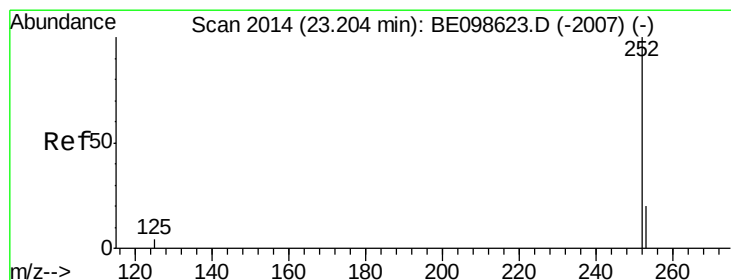
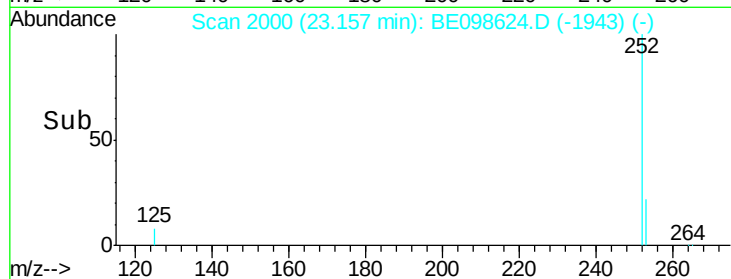
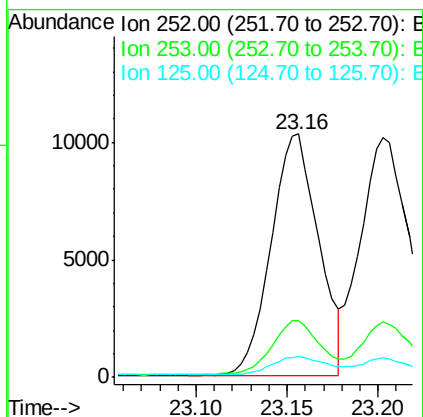
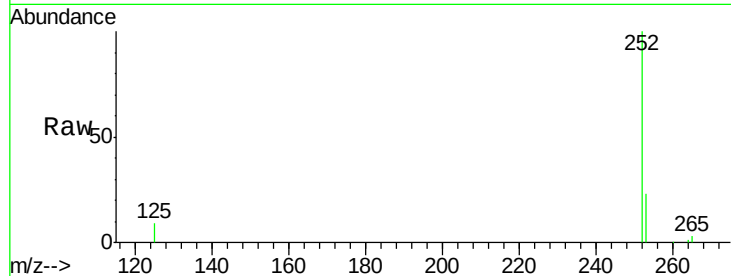




#35
Benzo(b)fluoranthene
Concen: 0.779 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

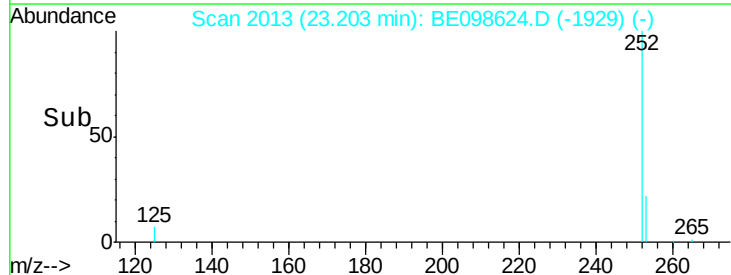
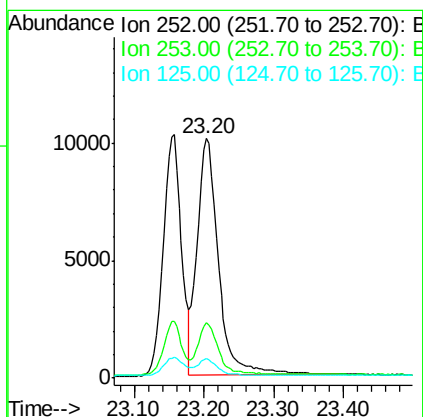
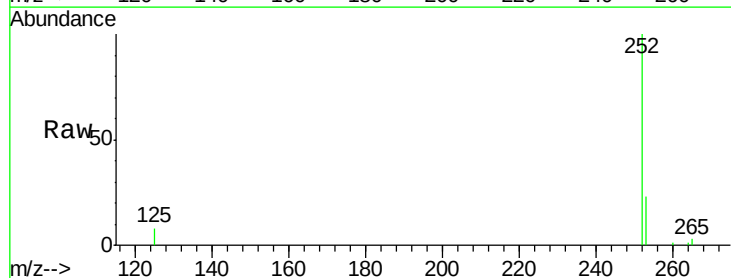
Instrument :
MSVOA_W
ClientSampleId :
SSTDIC0.8

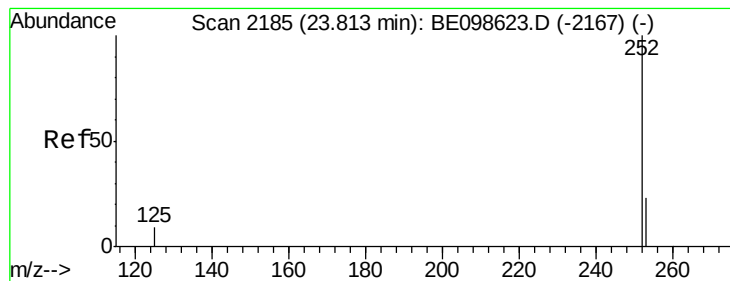
Tgt Ion:252 Resp: 18546
Ion Ratio Lower Upper
252 100
253 23.3 19.4 29.0
125 8.5 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.769 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Tgt Ion:252 Resp: 21311
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.4
125 8.1 7.0 10.4





#37

Benzo(a)pyrene

Concen: 0.746 ng

RT: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8

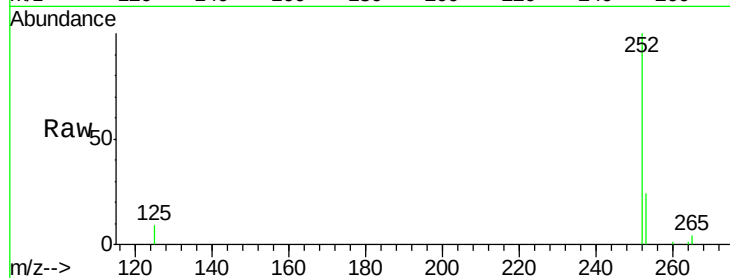
Tgt Ion:252 Resp: 18312

Ion Ratio Lower Upper

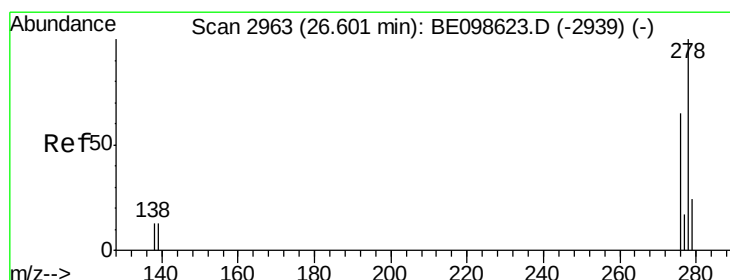
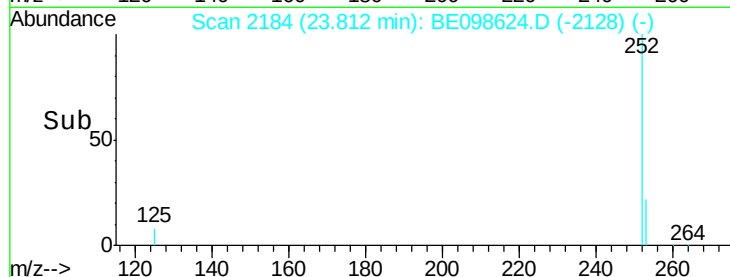
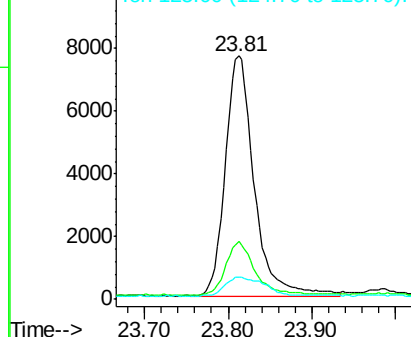
252 100

253 23.7 21.0 31.4

125 9.0 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: 0.729 ng

RT: 26.59 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BE098624.D

Acq: 15 Jan 2019 12:44

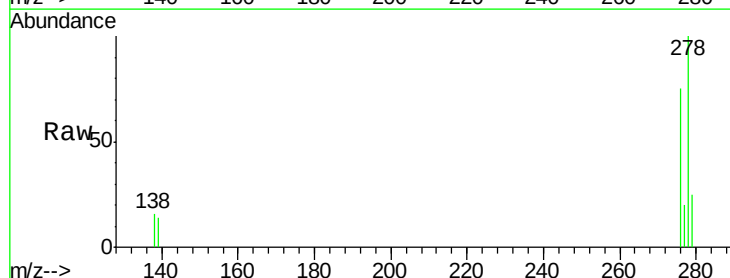
Tgt Ion:278 Resp: 16866

Ion Ratio Lower Upper

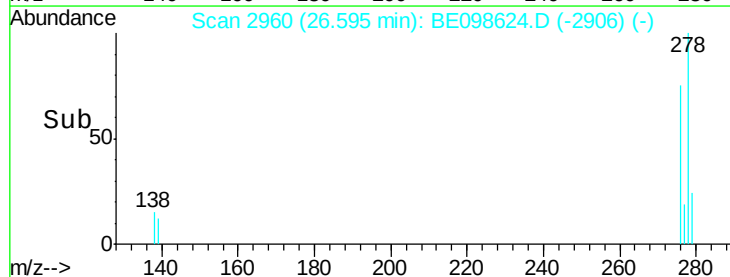
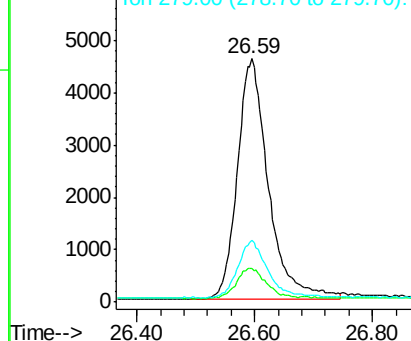
278 100

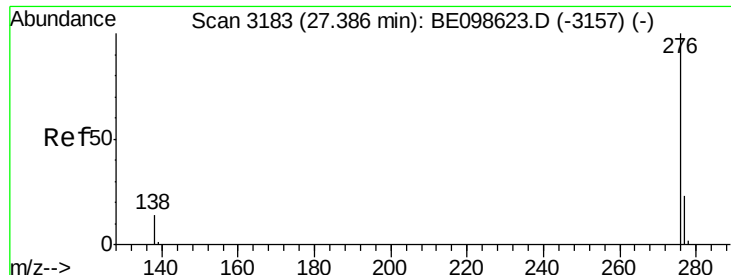
139 13.7 12.7 19.1

279 25.3 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: 0.769 ng

RT: 27.38 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BE098624.D

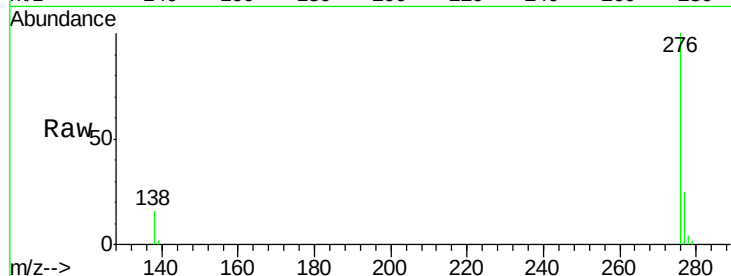
Acq: 15 Jan 2019 12:44

Instrument :

MSVOA_W

ClientSampleId :

SSTDIC0.8



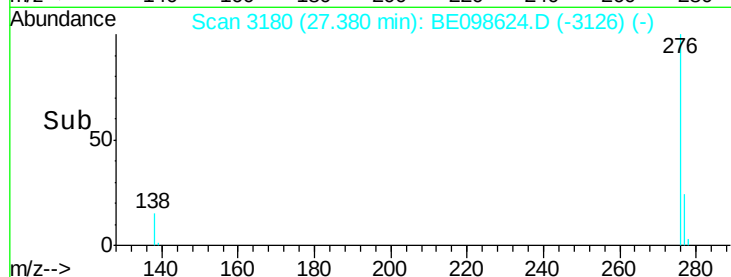
Tgt Ion: 276 Resp: 17925

Ion Ratio Lower Upper

276 100

277 25.3 20.3 30.5

138 16.1 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

