

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098625.D
 Acq On : 15 Jan 2019 13:23
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jan 15 13:57:12 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	7.81	152	1229	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	5345	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3423	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7978	0.40	ng	0.00
27) Chrysene-d12	21.41	240	9549	0.40	ng	0.00
34) Perylene-d12	23.93	264	8893	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	5134	1.78	ng	0.00
5) Phenol-d6	6.98	99	7513	1.84	ng	-0.02
8) Nitrobenzene-d5	8.96	82	7689	1.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	13751	1.58	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	2476	1.97	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	20863	1.45	ng	0.00
25) Fluoranthene-d10	19.26	212	158320	1.55	ng	0.00
29) Terphenyl-d14	19.86	244	33079	1.43	ng	0.00

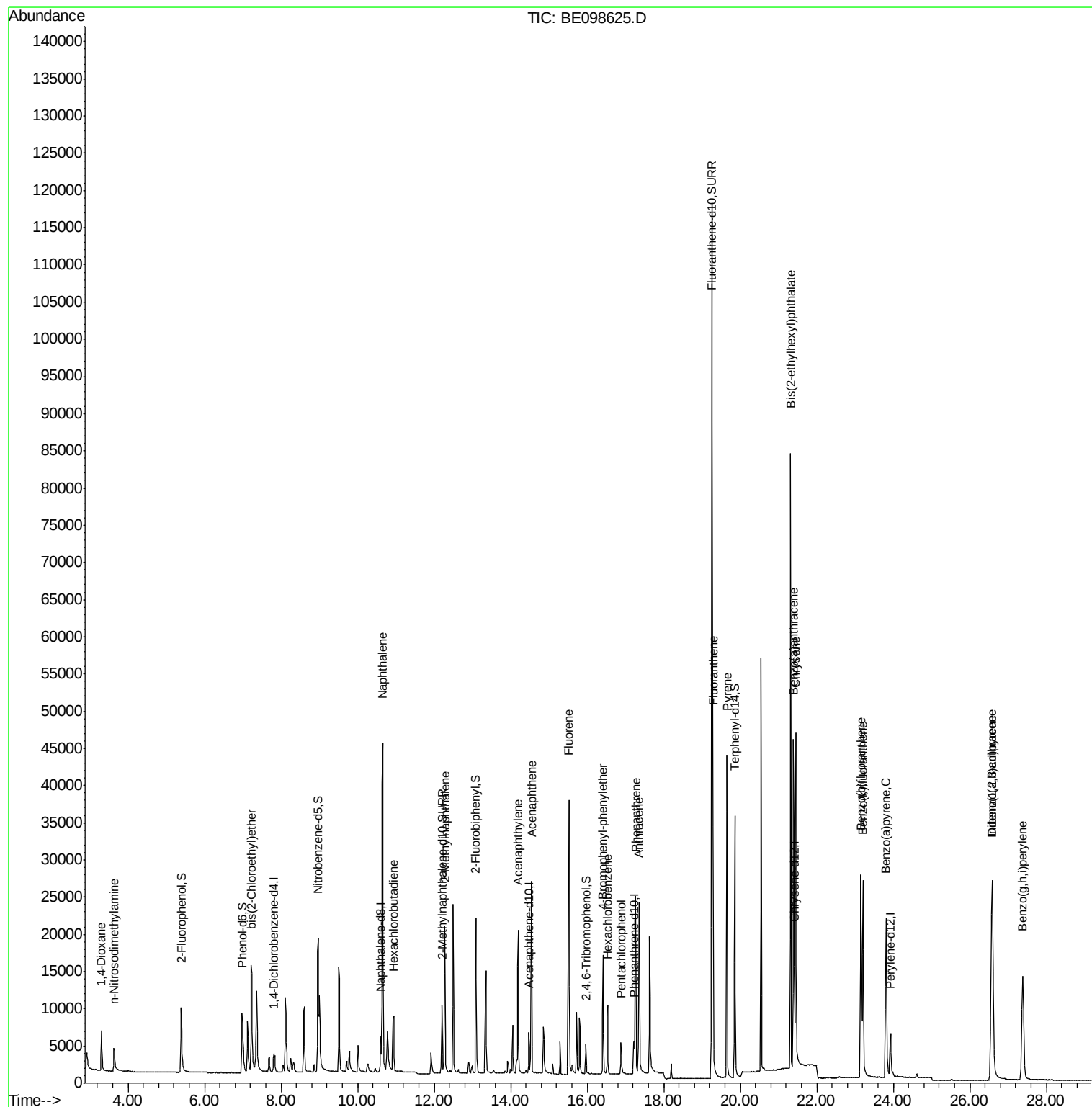
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	3120	1.468	ng	96
3) n-Nitrosodimethylamine	3.63	42	3638	1.901	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	6006	1.551	ng	97
9) Naphthalene	10.65	128	81734	1.520	ng	99
10) Hexachlorobutadiene	10.94	225	5776	1.687	ng	98
12) 2-Methylnaphthalene	12.28	142	14258	1.631	ng	99
16) Acenaphthylene	14.20	152	24124	1.504	ng	100
17) Acenaphthene	14.54	154	14872	1.544	ng	98
18) Fluorene	15.52	166	19677	1.526	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	7221	1.682	ng	90
21) Hexachlorobenzene	16.53	284	8025	1.738	ng	97
22) Pentachlorophenol	16.88	266	2619	2.876	ng	91
23) Phenanthrene	17.27	178	30652	1.581	ng	100
24) Anthracene	17.35	178	28077	1.625	ng	99
26) Fluoranthene	19.29	202	38991	1.520	ng	99
28) Pyrene	19.65	202	40420	1.349	ng	100
30) Benzo(a)anthracene	21.39	228	41298	1.519	ng	99
31) Chrysene	21.45	228	40672	1.428	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	82825	1.500	ng	100
33) Indeno(1,2,3-cd)pyrene	26.57	276	43367	1.530	ng	99
35) Benzo(b)fluoranthene	23.15	252	39440	1.622	ng	# 95
36) Benzo(k)fluoranthene	23.20	252	42591	1.503	ng	96
37) Benzo(a)pyrene	23.81	252	37984	1.514	ng	# 93
38) Dibenzo(a,h)anthracene	26.59	278	35313	1.494	ng	# 92
39) Benzo(g,h,i)perylene	27.38	276	36738	1.542	ng	97

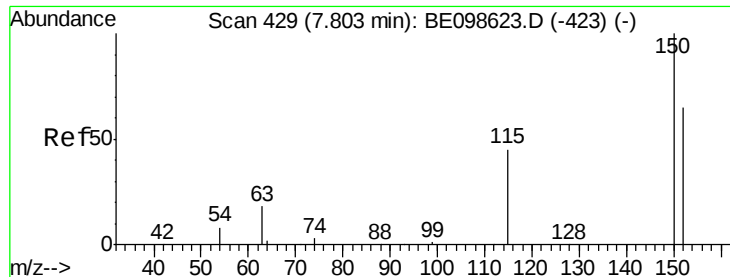
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 15 12:58:38 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

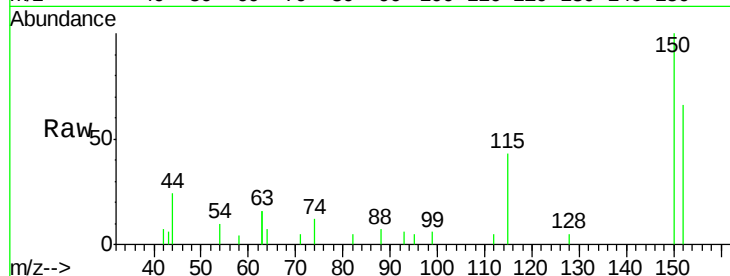
Tgt Ion:152 Resp: 1229

Ion Ratio Lower Upper

152 100

150 152.1 121.4 182.2

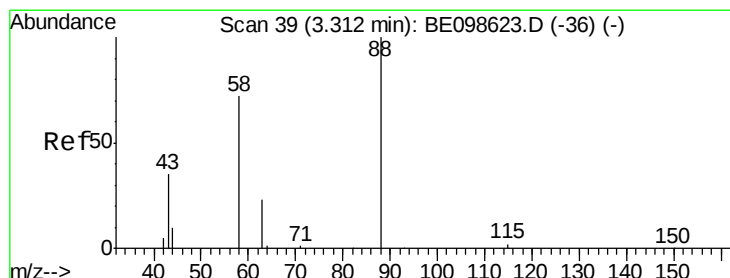
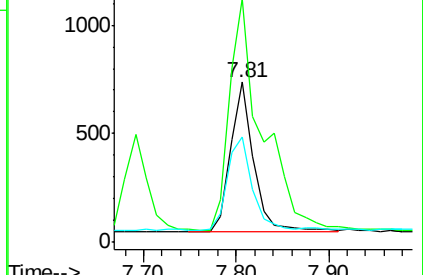
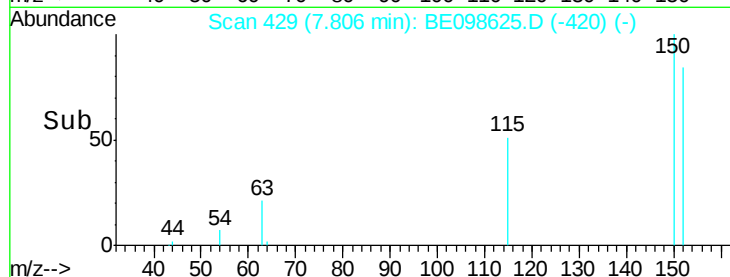
115 65.5 59.1 88.7



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: 1.468 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

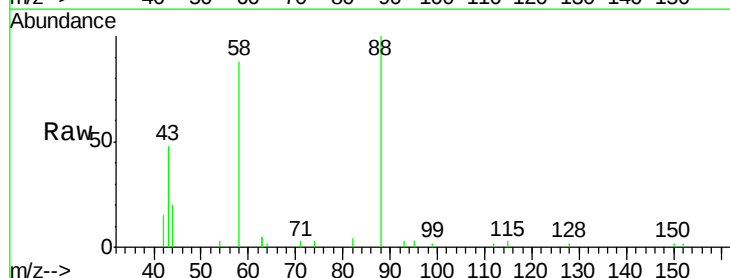
Tgt Ion: 88 Resp: 3120

Ion Ratio Lower Upper

88 100

58 94.4 73.9 110.9

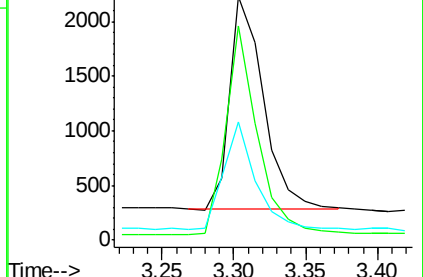
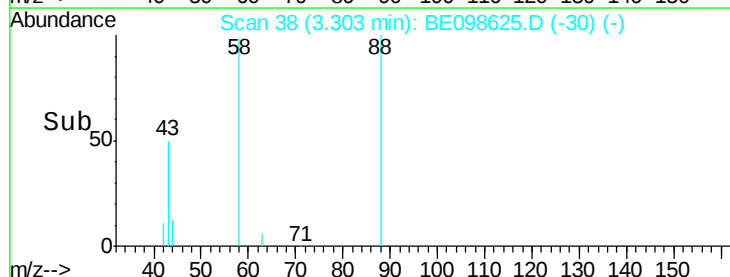
43 49.0 43.7 65.5

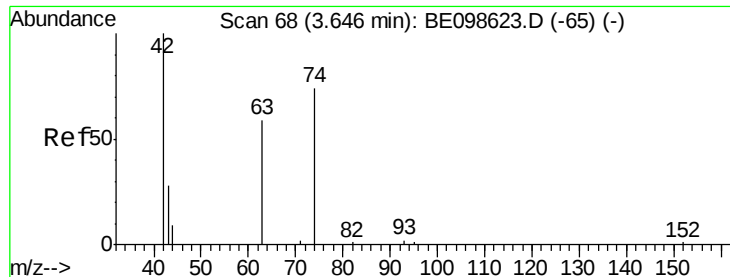


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.901 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

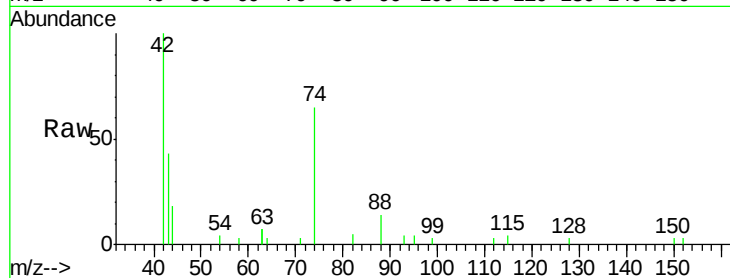
Tgt Ion: 42 Resp: 3638

Ion Ratio Lower Upper

42 100

74 73.6 58.9 88.3

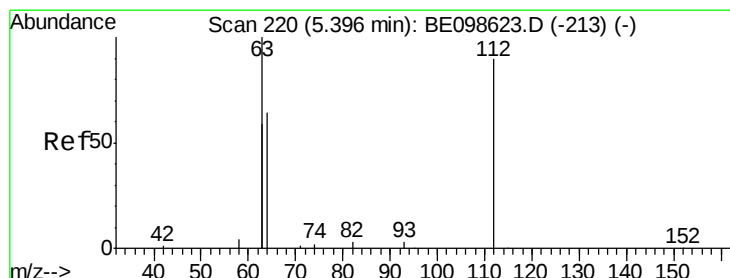
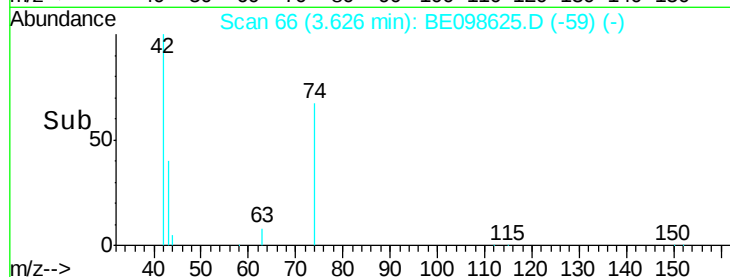
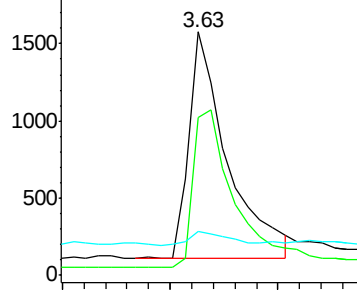
44 5.7 0.0 0.0#



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: 1.785 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

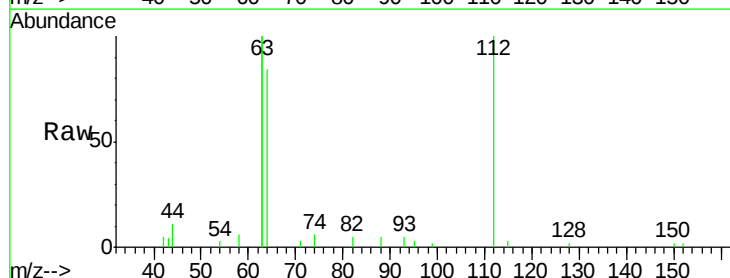
Tgt Ion: 112 Resp: 5134

Ion Ratio Lower Upper

112 100

64 77.1 62.9 94.3

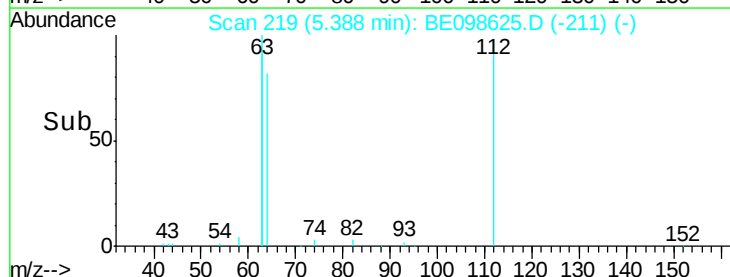
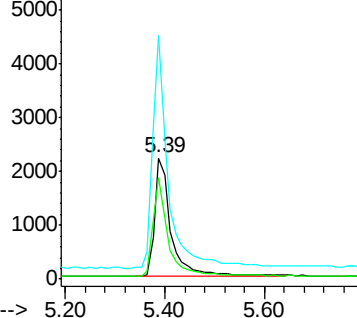
63 185.0 152.2 228.4

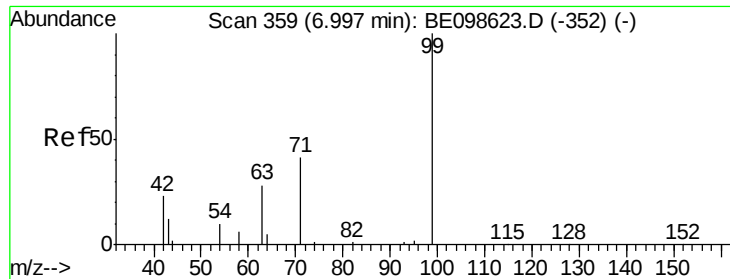


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.844 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampled :

SSTDICC1.6

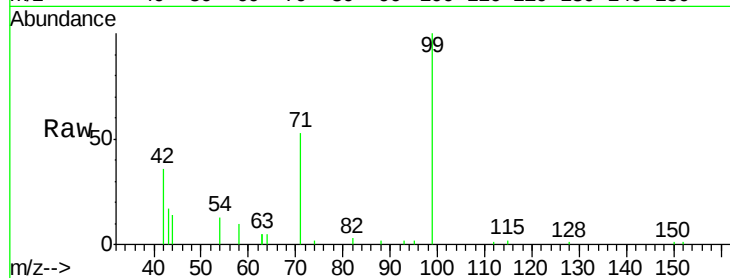
Tgt Ion: 99 Resp: 7513

Ion Ratio Lower Upper

99 100

42 31.6 24.6 37.0

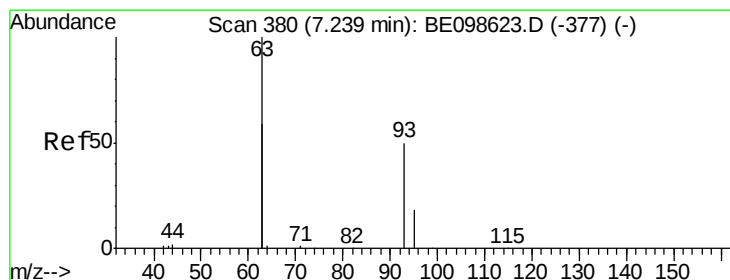
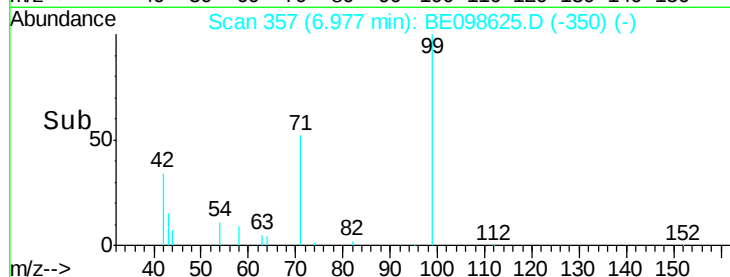
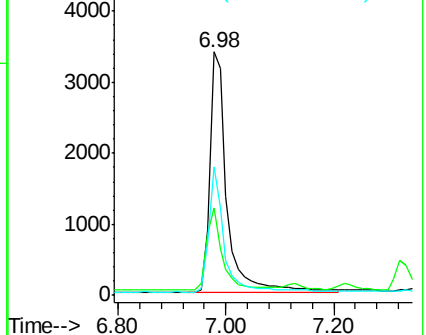
71 45.0 35.1 52.7



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: 1.551 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

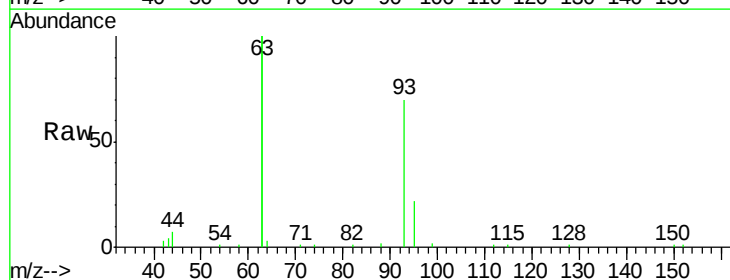
Tgt Ion: 93 Resp: 6006

Ion Ratio Lower Upper

93 100

63 340.9 267.3 400.9

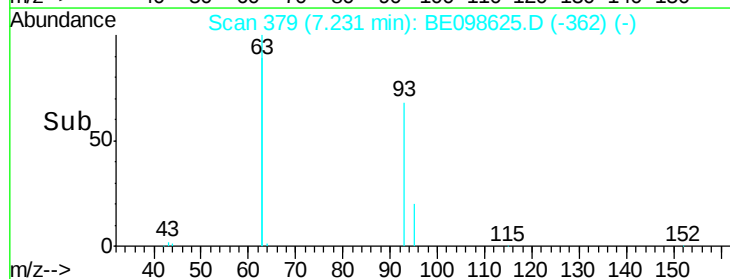
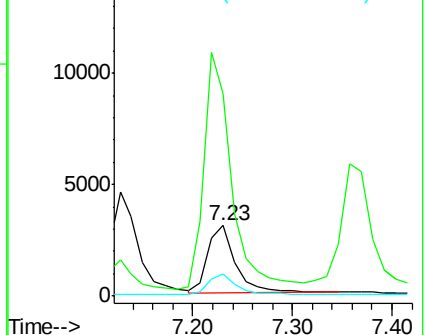
95 30.7 26.2 39.4

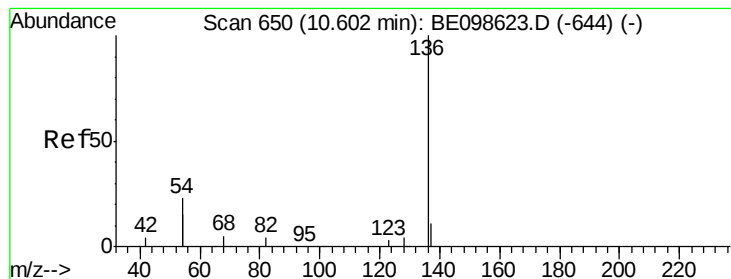


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 5345

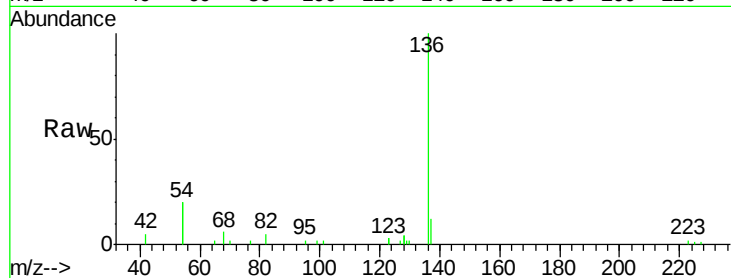
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 39.8 35.5 53.3

68 6.0 5.0 7.6

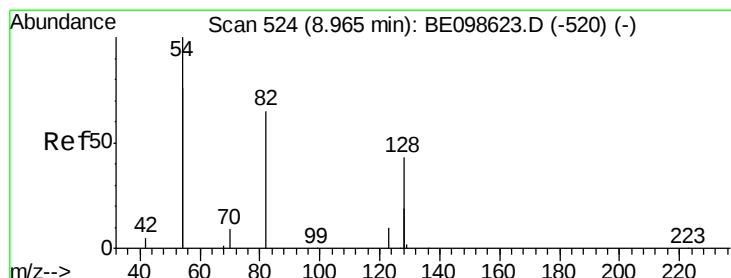
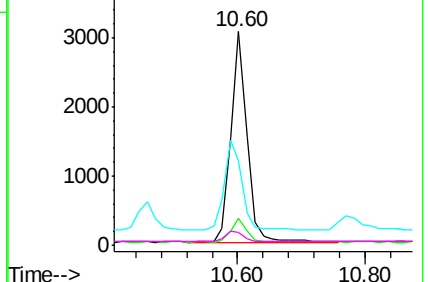
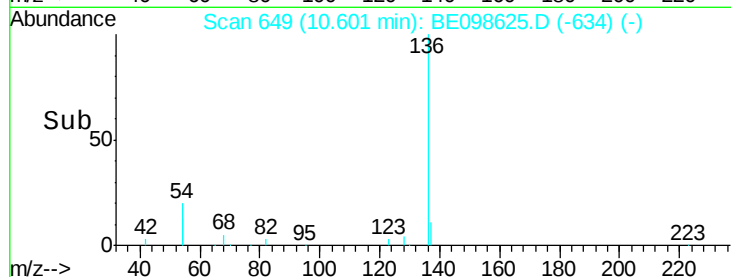


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.580 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

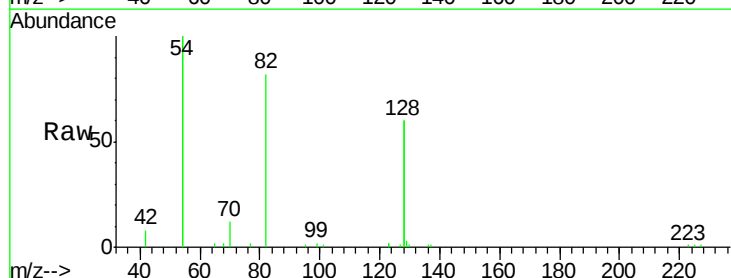
Tgt Ion: 82 Resp: 7689

Ion Ratio Lower Upper

82 100

128 146.8 96.5 144.7#

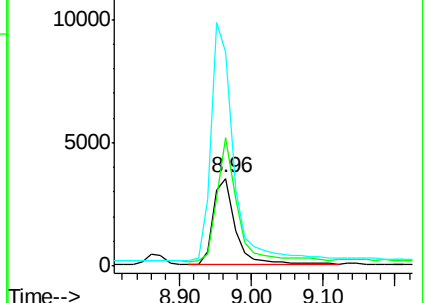
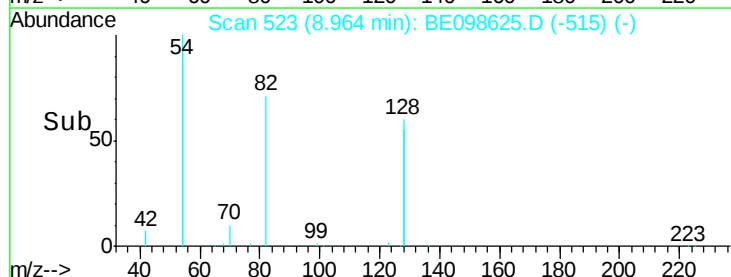
54 244.2 224.7 337.1

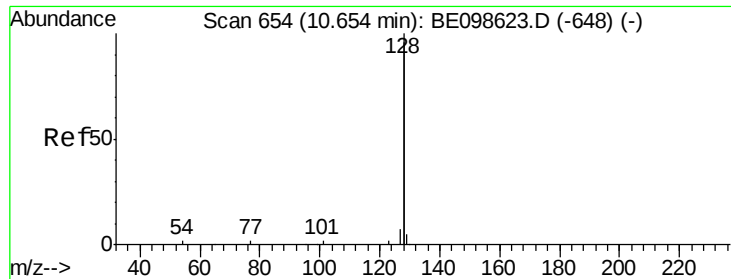


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.520 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

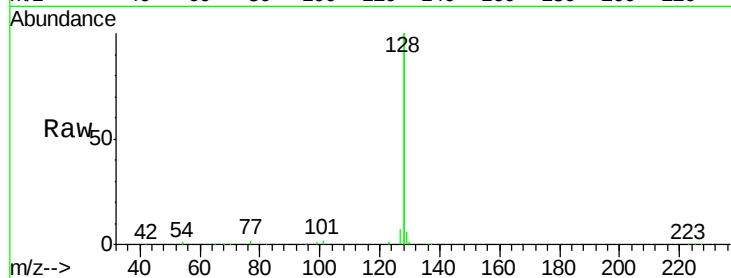
Tgt Ion:128 Resp: 81734

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

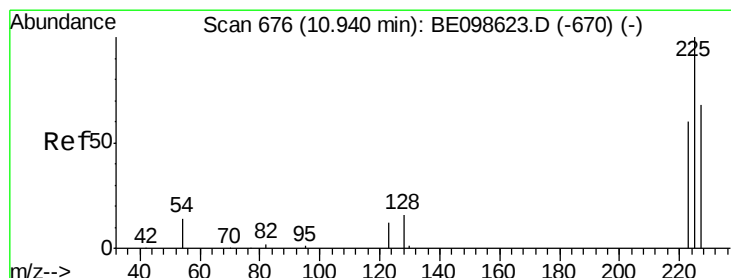
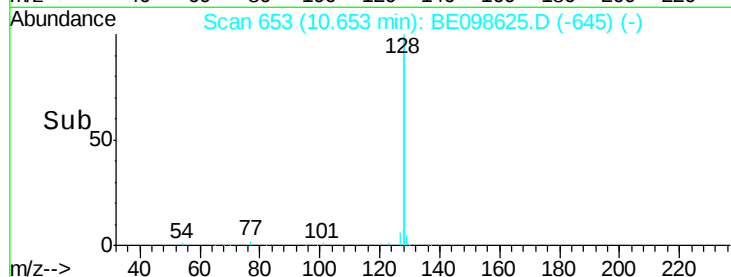
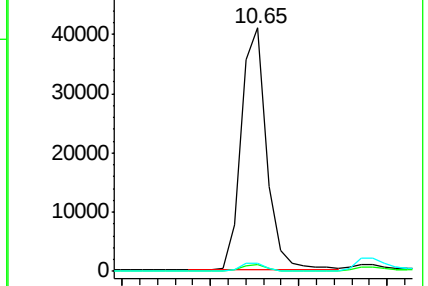
127 3.3 3.0 4.6



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: 1.687 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

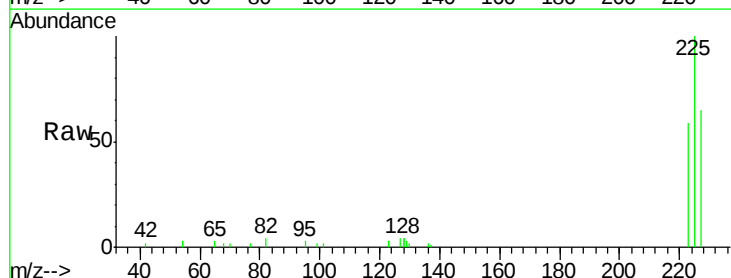
Tgt Ion:225 Resp: 5776

Ion Ratio Lower Upper

225 100

223 62.9 47.8 71.8

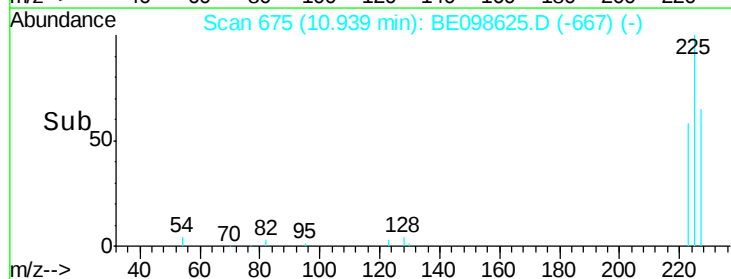
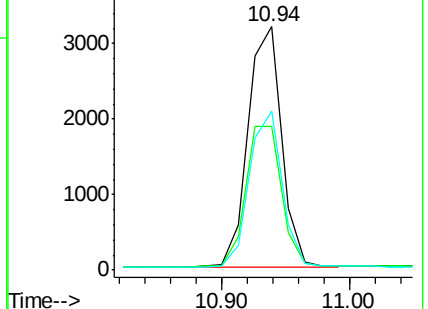
227 63.1 50.5 75.7

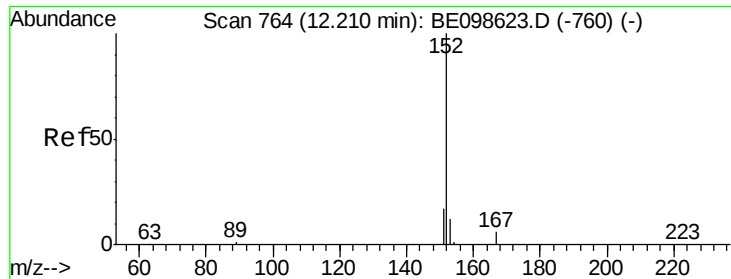


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

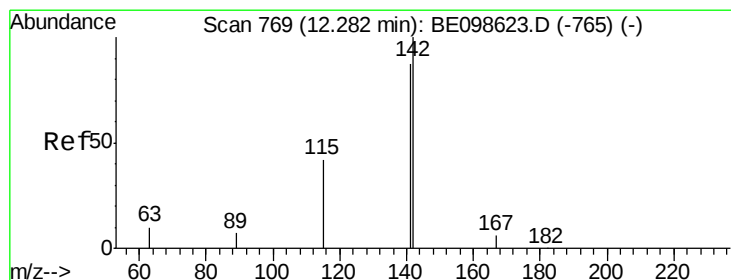
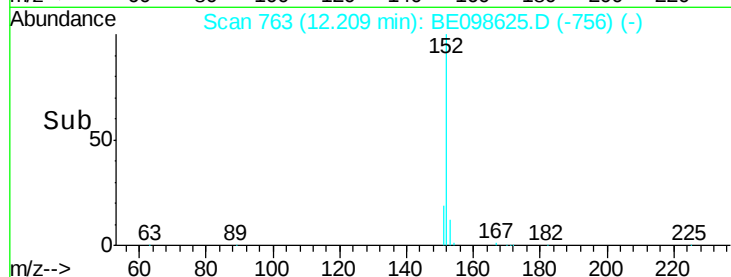
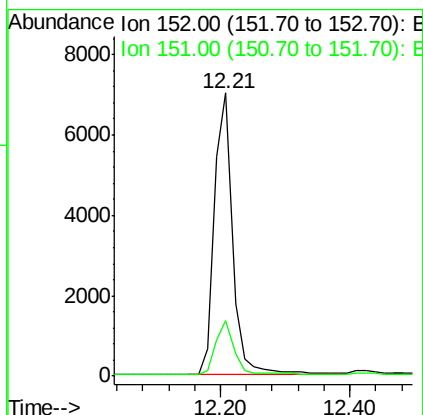
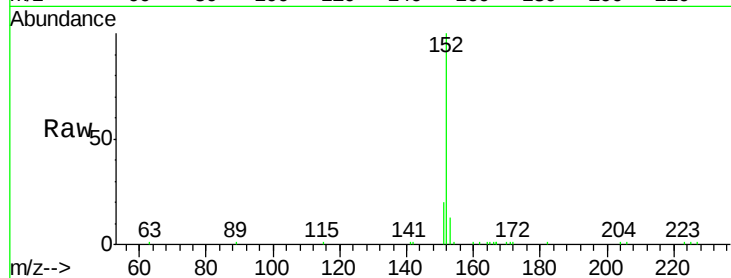




#11
 2-Methylnaphthalene-d10
 Concen: 1.582 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098625.D
 Acq: 15 Jan 2019 13:23

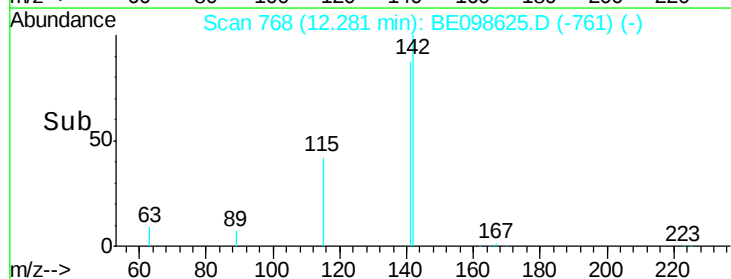
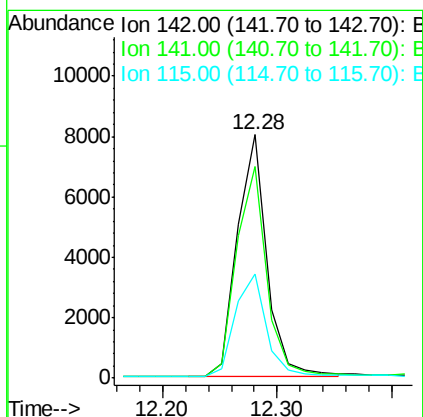
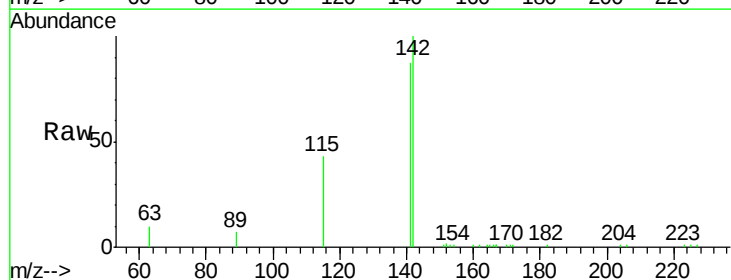
Instrument :
 MSVOA_W
 ClientSampleId :
 SSTDICC1.6

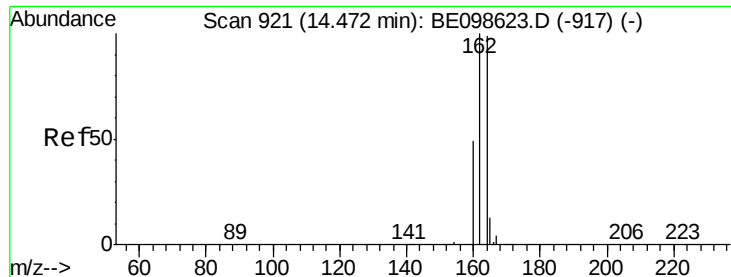
Tgt Ion:152 Resp: 13751
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 1.631 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098625.D
 Acq: 15 Jan 2019 13:23

Tgt Ion:142 Resp: 14258
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.0 105.0
 115 42.6 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

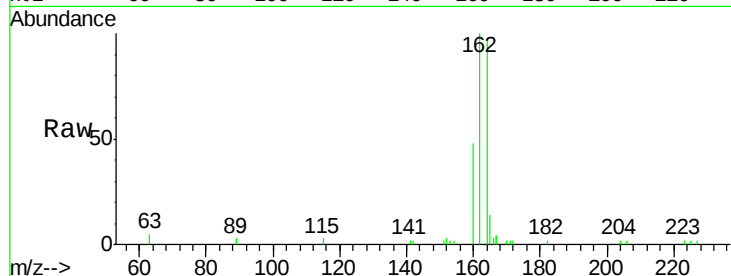
Tgt Ion:164 Resp: 3423

Ion Ratio Lower Upper

164 100

162 103.4 80.5 120.7

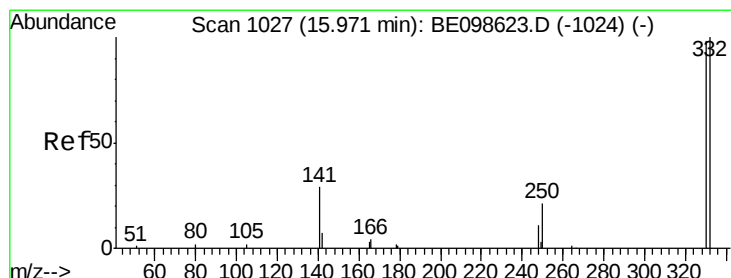
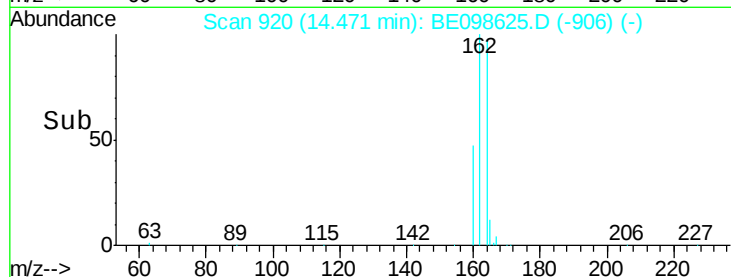
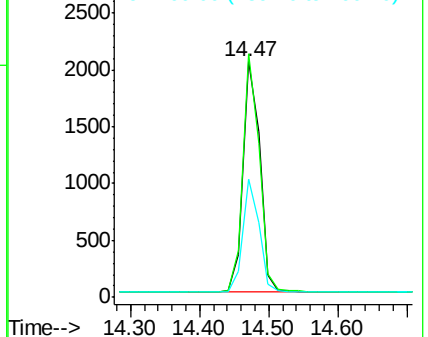
160 50.1 40.1 60.1



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: 1.970 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

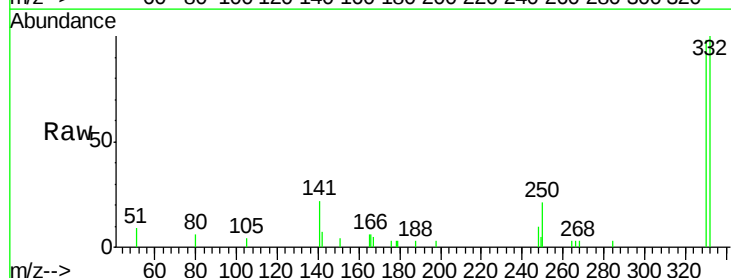
Tgt Ion:330 Resp: 2476

Ion Ratio Lower Upper

330 100

332 97.4 73.3 109.9

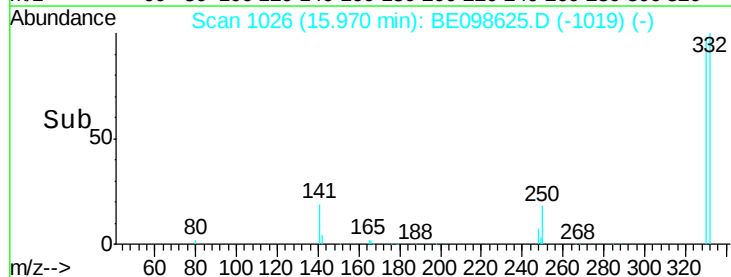
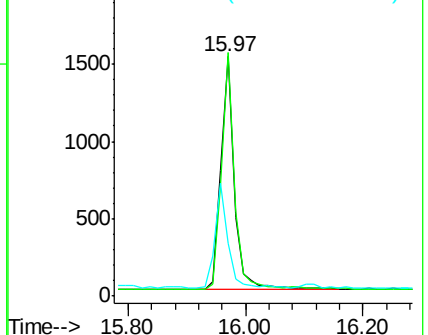
141 43.5 33.1 49.7

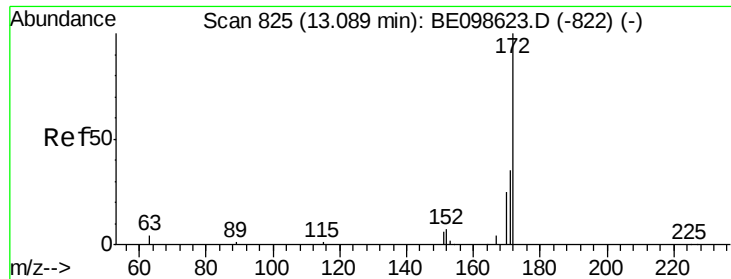


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

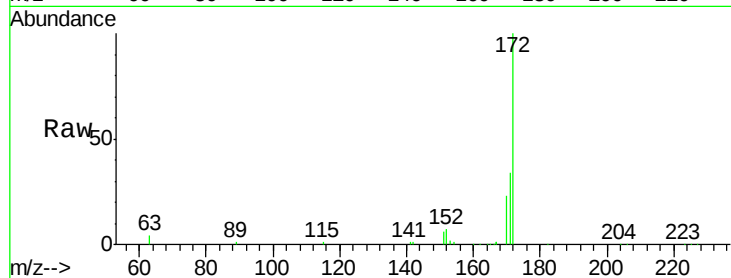




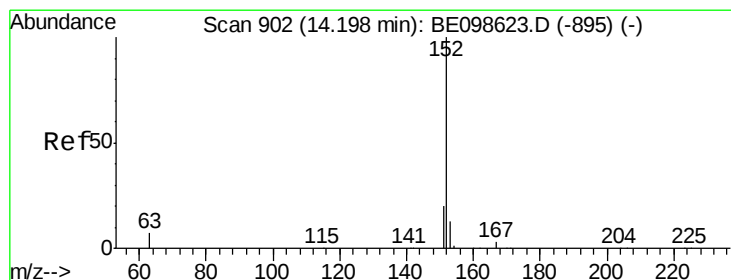
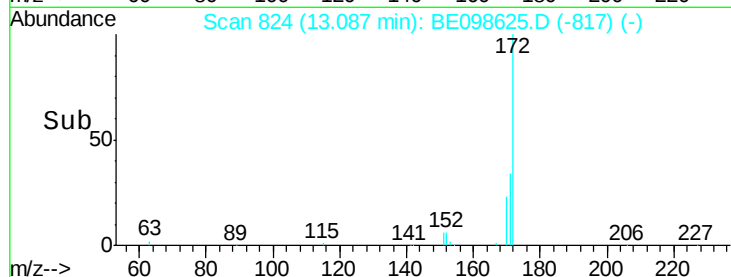
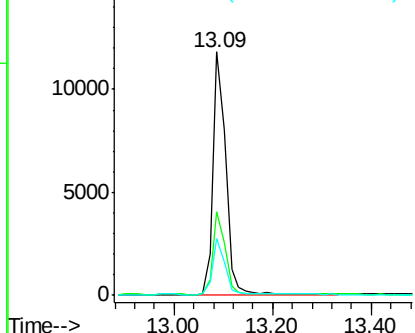
#15
2-Fluorobiphenyl
Concen: 1.445 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 20863
Ion Ratio Lower Upper
172 100
171 34.1 29.0 43.4
170 23.3 20.8 31.2

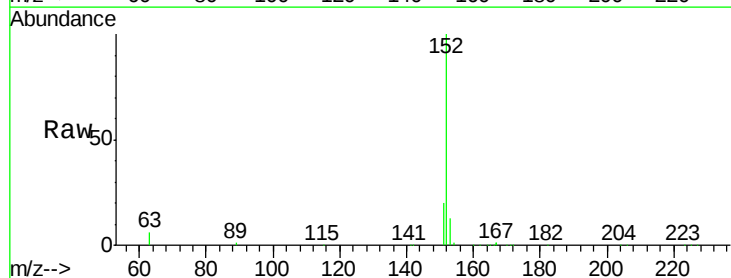


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

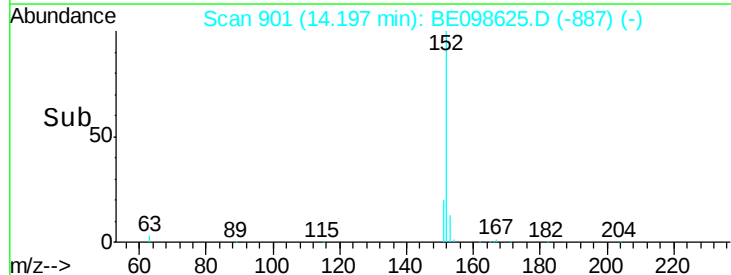
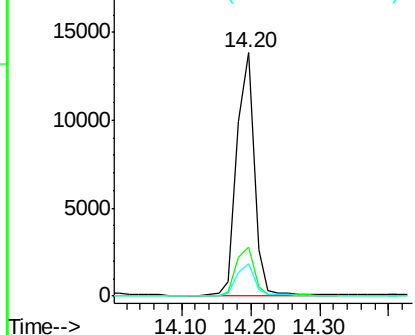


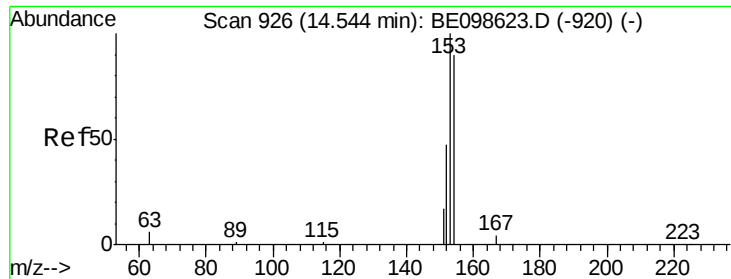
#16
Acenaphthylene
Concen: 1.504 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:152 Resp: 24124
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 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

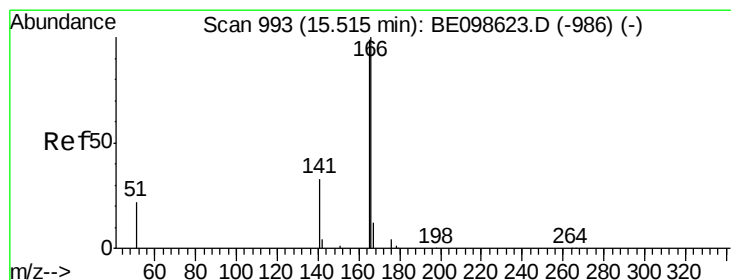
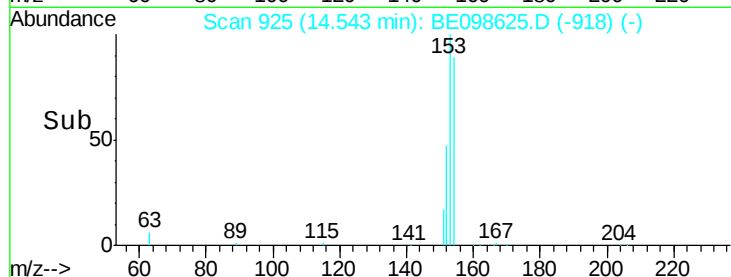
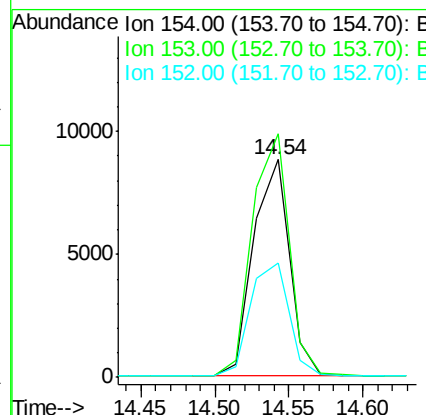
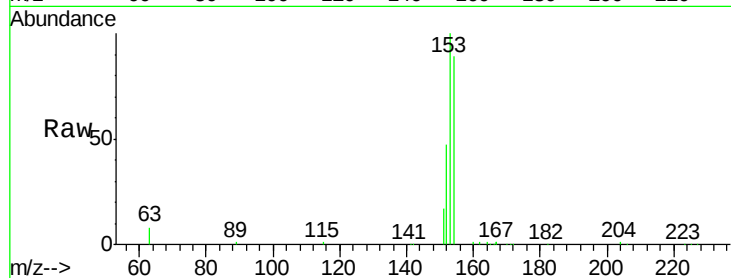




#17
Acenaphthene
Concen: 1.544 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

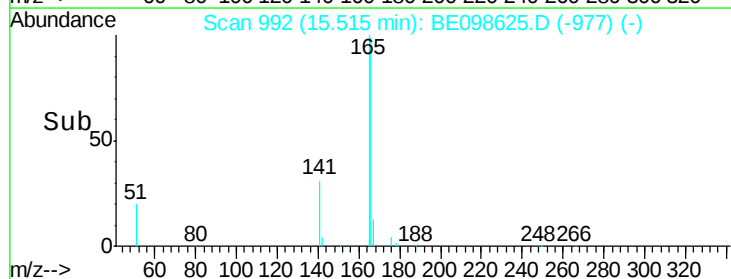
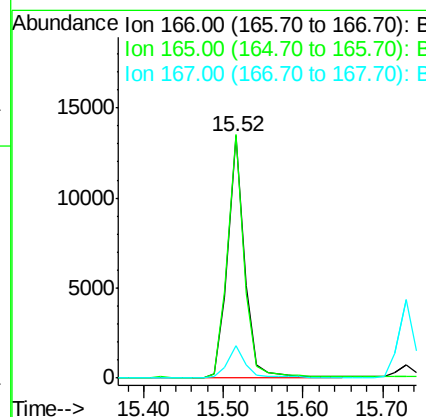
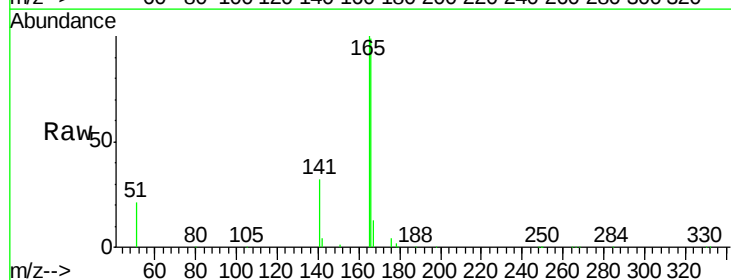
Instrument :
MSVOA_W
ClientSampleId :
SSTDICC1.6

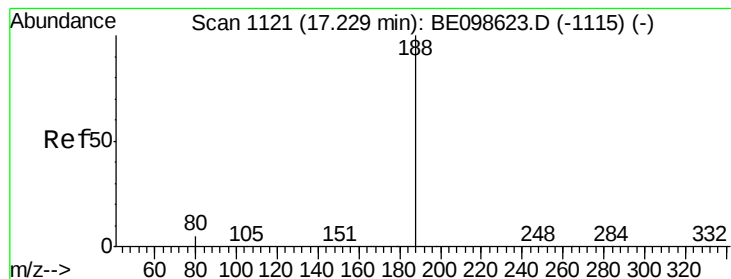
Tgt Ion:154 Resp: 14872
Ion Ratio Lower Upper
154 100
153 114.8 93.9 140.9
152 56.0 45.8 68.8



#18
Fluorene
Concen: 1.526 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098625.D
Acq: 15 Jan 2019 13:23

Tgt Ion:166 Resp: 19677
Ion Ratio Lower Upper
166 100
165 100.1 79.3 118.9
167 13.1 10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampled :

SSTDICC1.6

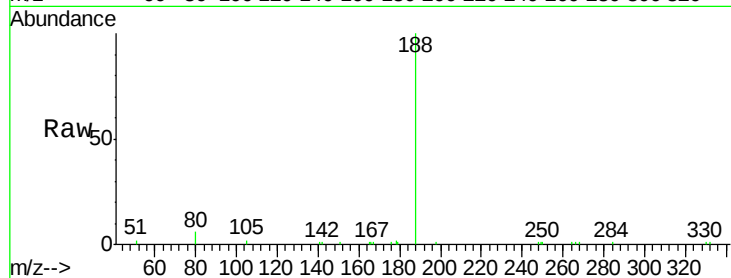
Tgt Ion:188 Resp: 7978

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

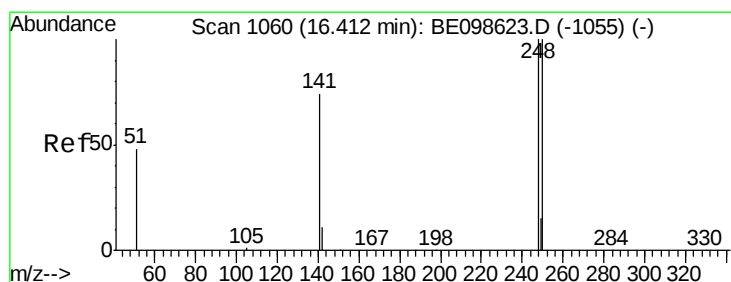
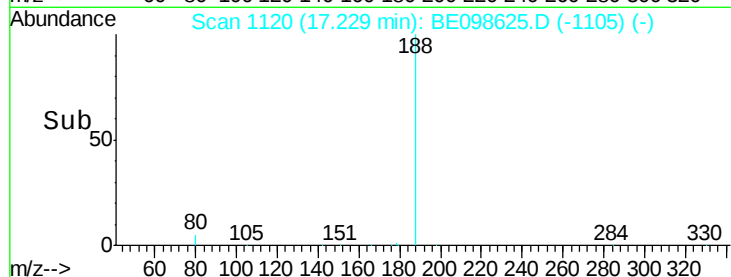
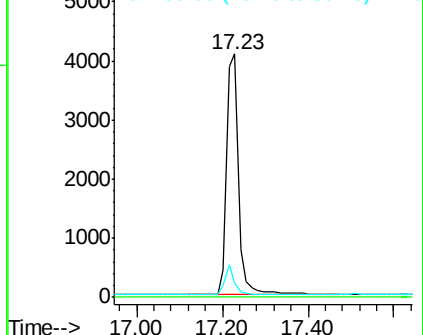
80 6.0 4.7 7.1



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: 1.682 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

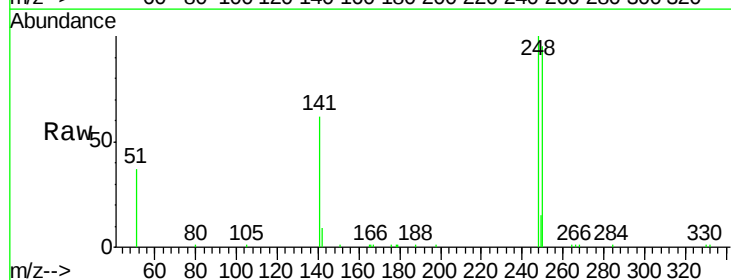
Tgt Ion:248 Resp: 7221

Ion Ratio Lower Upper

248 100

250 95.4 80.2 120.4

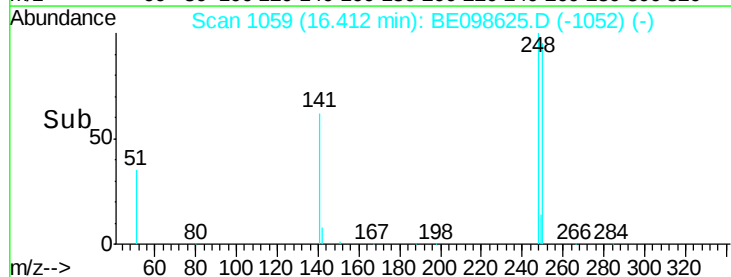
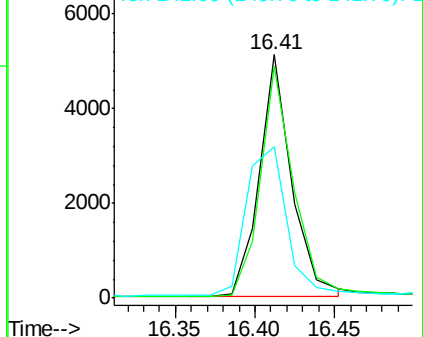
141 62.1 60.5 90.7

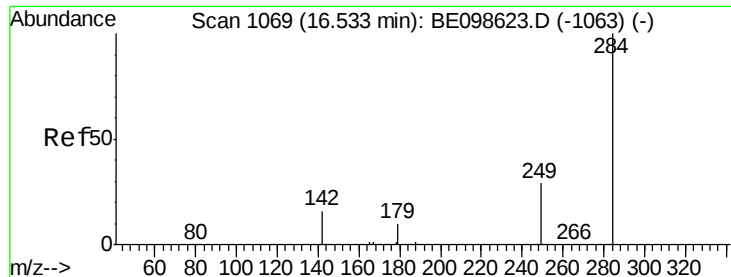


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.738 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

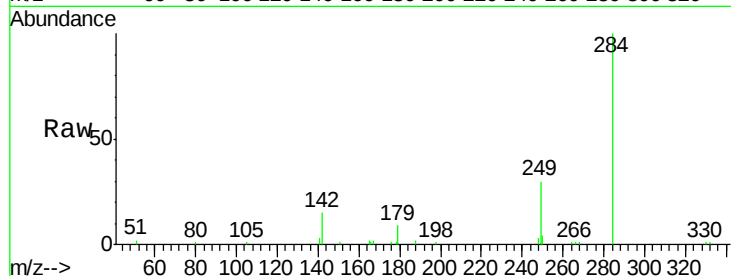
Instrument :

MSVOA_W

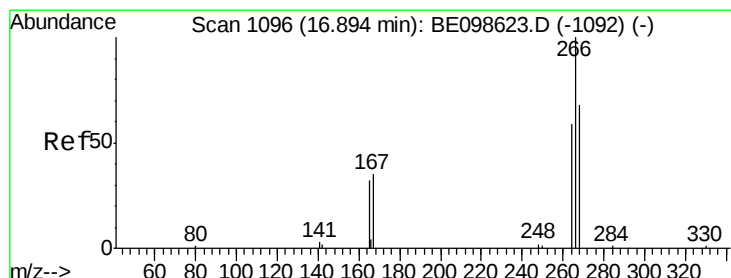
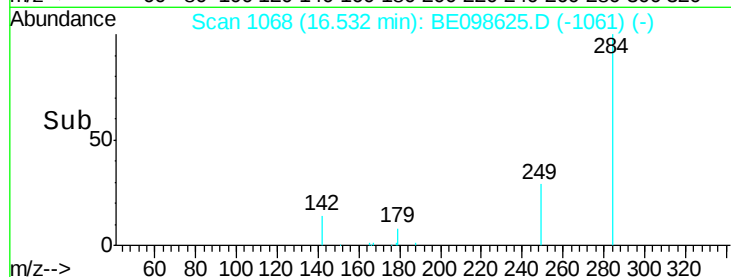
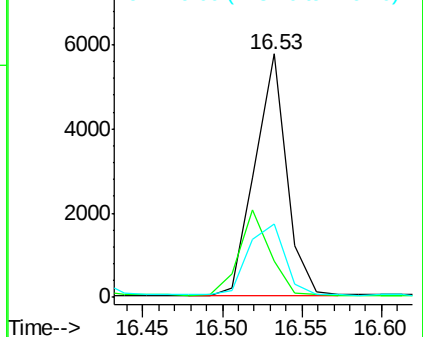
ClientSampleId :

SSTDICC1.6

Tgt Ion:	284	Resp:	8025
Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.5	38.3
249	33.8	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: 2.876 ng

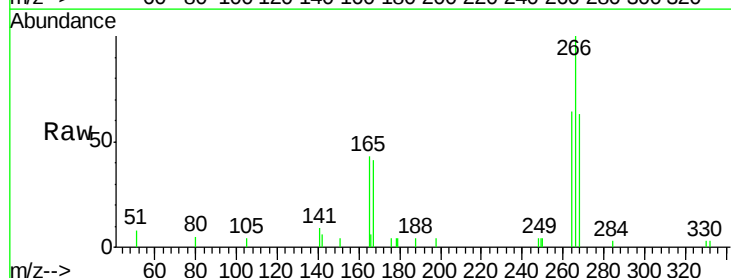
RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

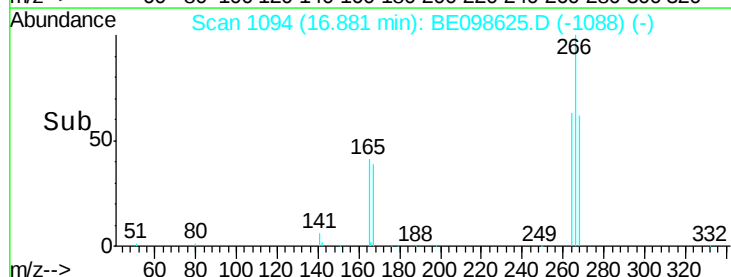
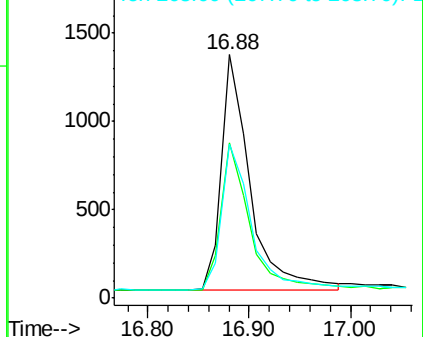
Lab File: BE098625.D

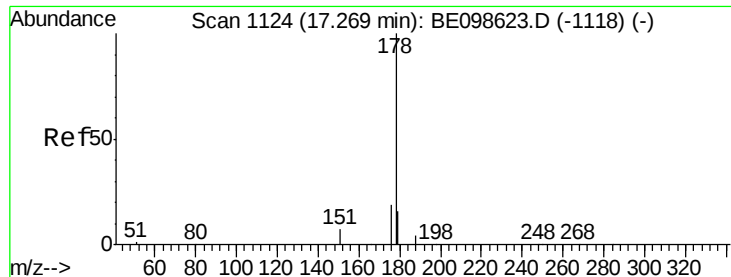
Acq: 15 Jan 2019 13:23

Tgt Ion:	266	Resp:	2619
Ion	Ratio	Lower	Upper
266	100		
264	64.0	53.7	80.5
268	63.1	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: 1.581 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

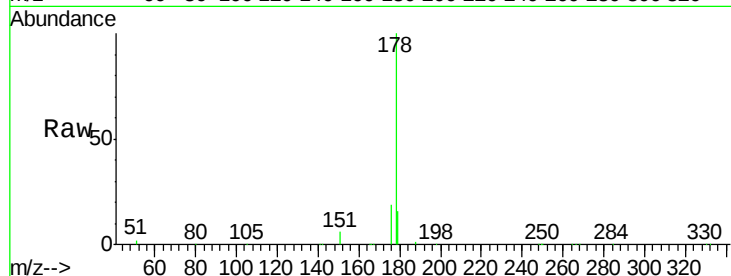
Tgt Ion:178 Resp: 30652

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

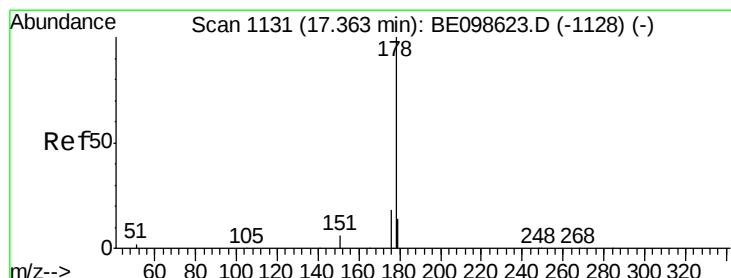
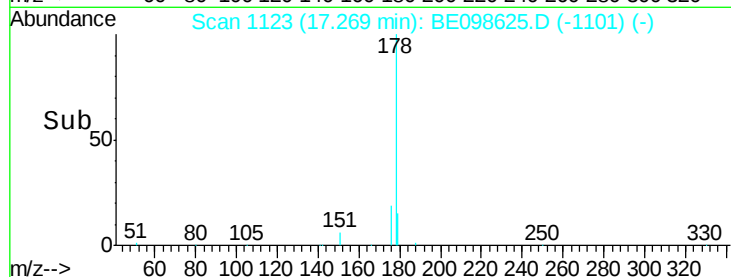
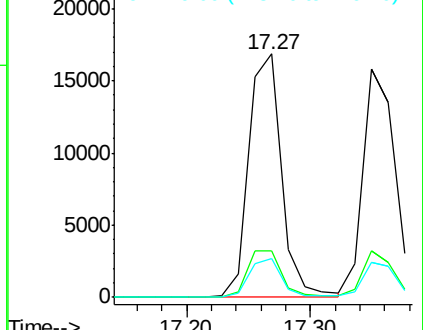
179 15.4 12.2 18.4



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: 1.625 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

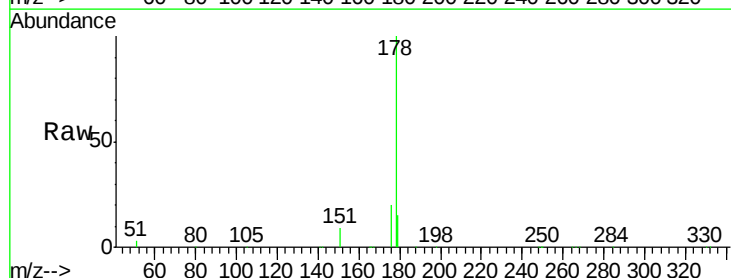
Tgt Ion:178 Resp: 28077

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

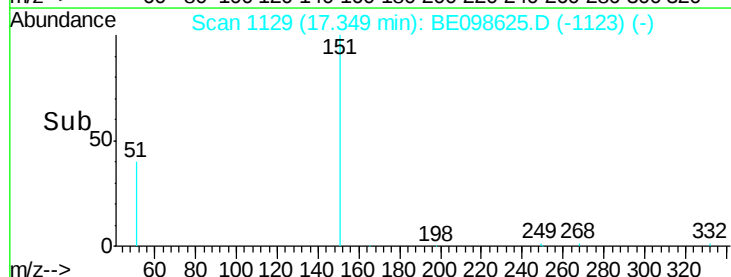
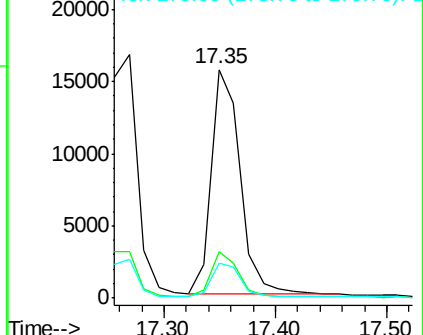
179 15.4 11.8 17.8

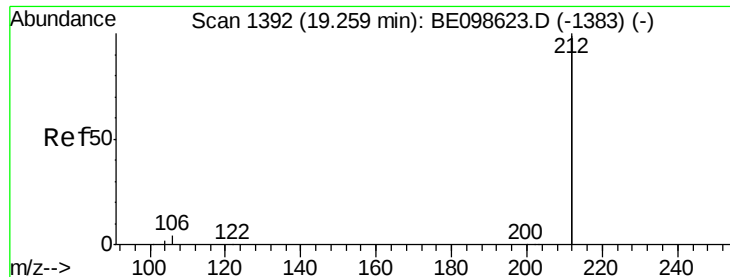


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.547 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

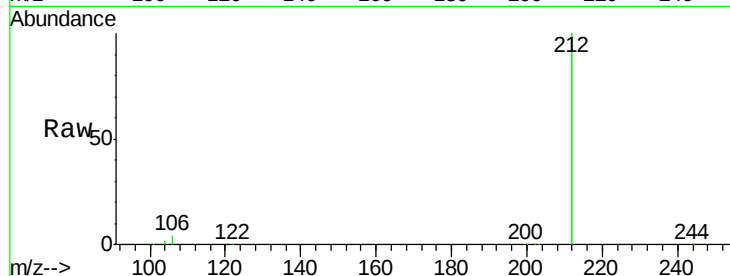
Tgt Ion:212 Resp: 158320

Ion Ratio Lower Upper

212 100

106 2.2 1.7 2.5

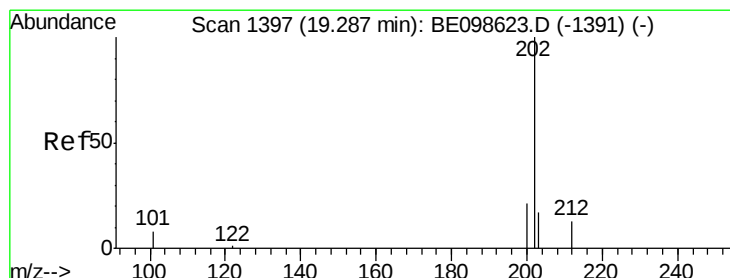
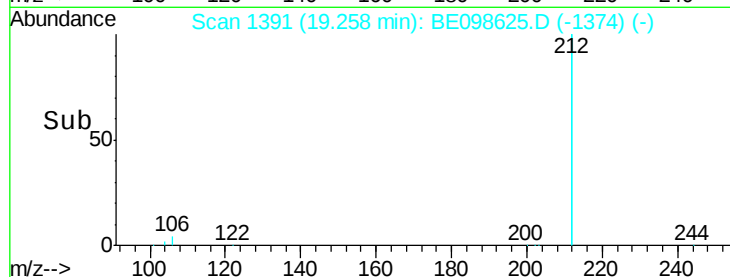
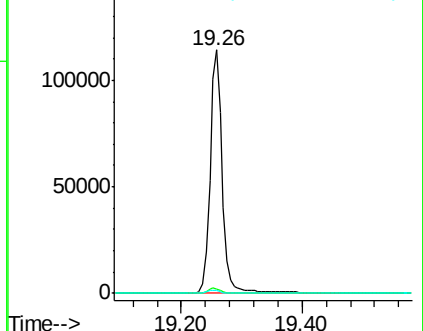
104 1.2 1.0 1.6



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: 1.520 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

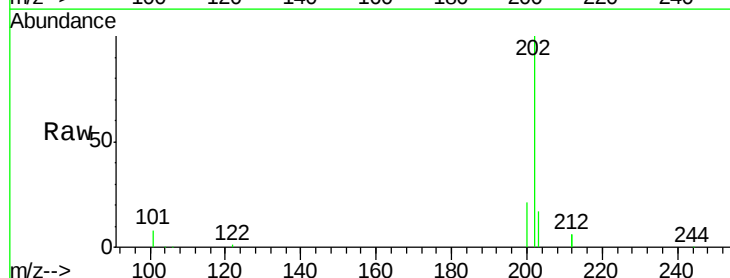
Tgt Ion:202 Resp: 38991

Ion Ratio Lower Upper

202 100

101 8.3 6.7 10.1

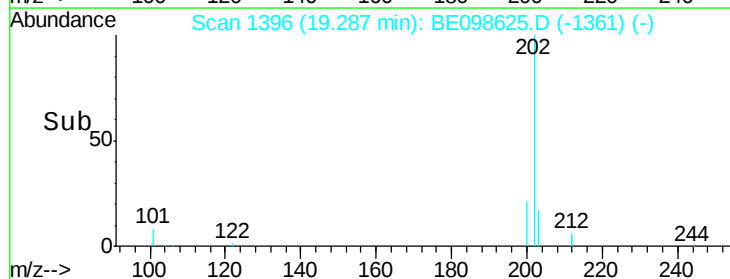
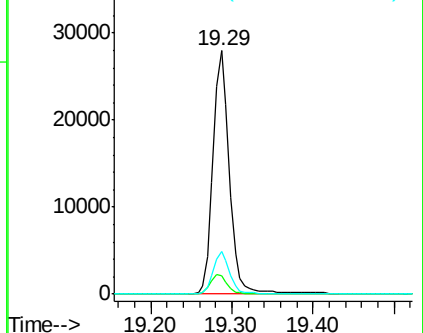
203 16.9 13.3 19.9

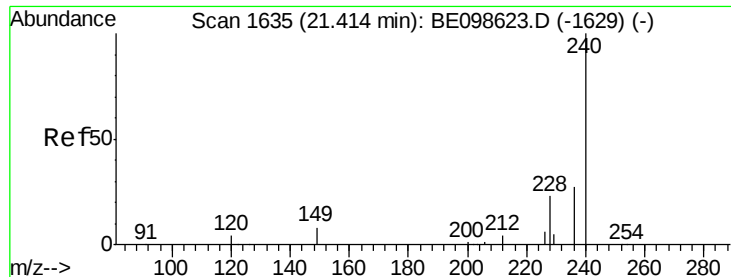


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

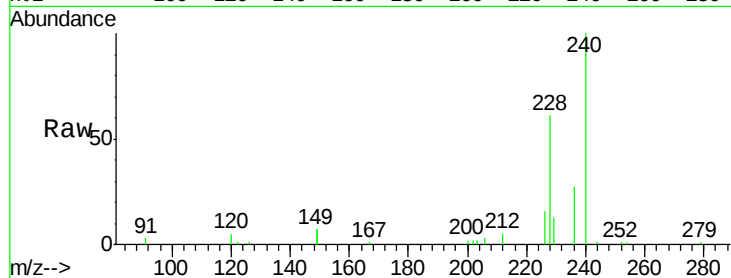
Tgt Ion:240 Resp: 9549

Ion Ratio Lower Upper

240 100

120 4.7 4.7 7.1#

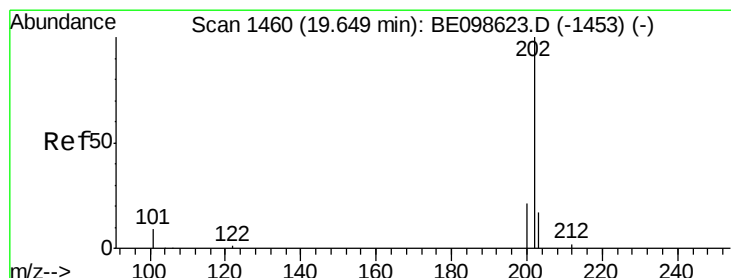
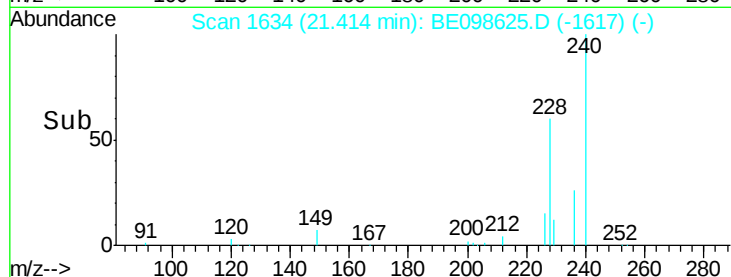
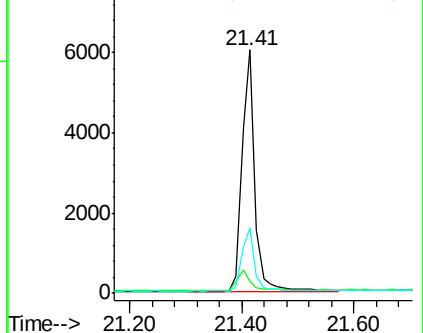
236 27.0 21.9 32.9



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: 1.349 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

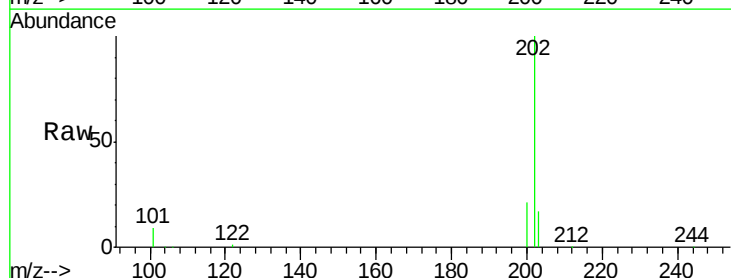
Tgt Ion:202 Resp: 40420

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

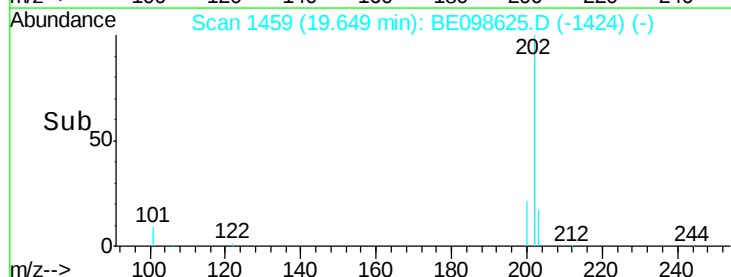
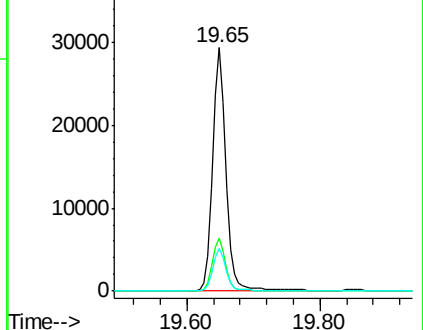
203 17.4 13.8 20.8

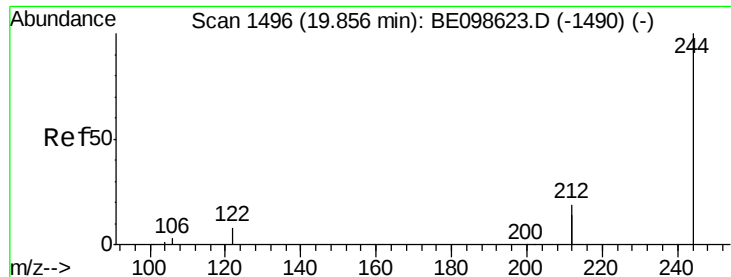


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.426 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

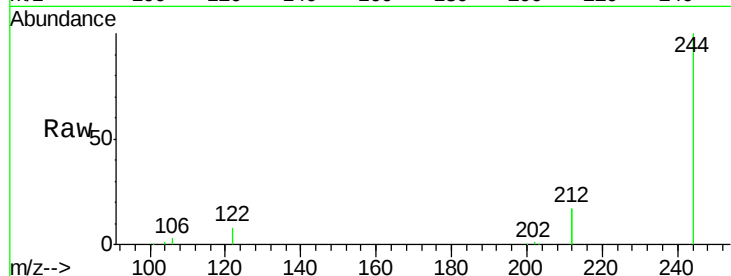
Tgt Ion:244 Resp: 33079

Ion Ratio Lower Upper

244 100

212 33.0 29.4 44.2

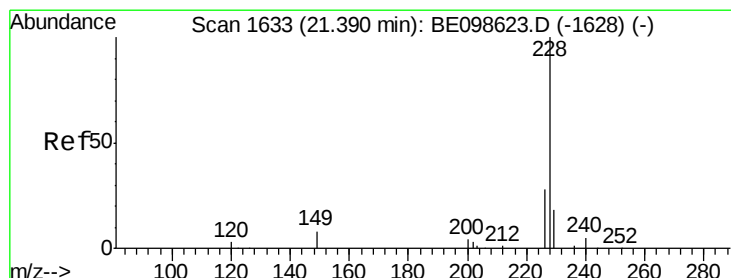
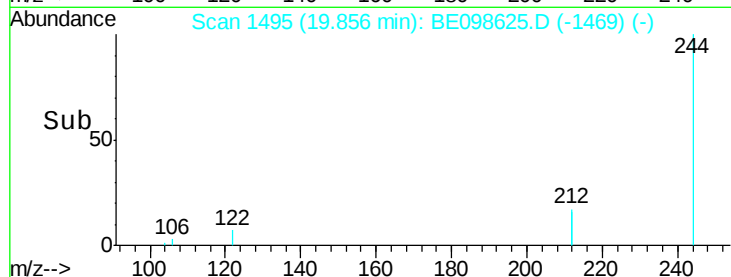
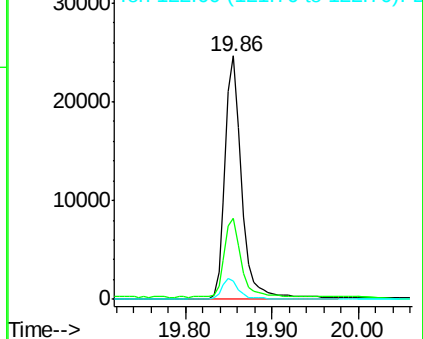
122 7.5 7.1 10.7



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: 1.519 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

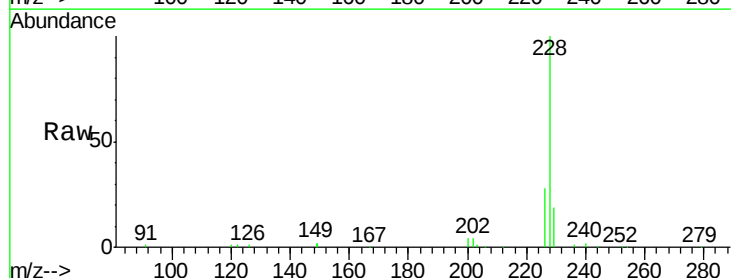
Tgt Ion:228 Resp: 41298

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.4

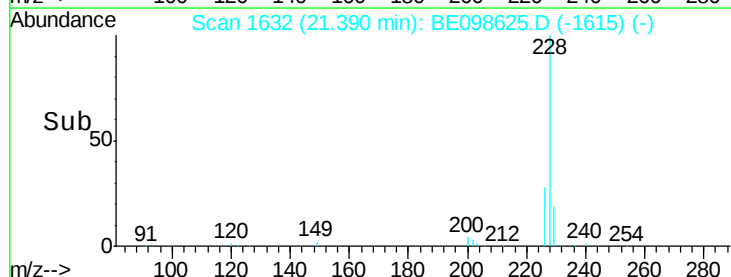
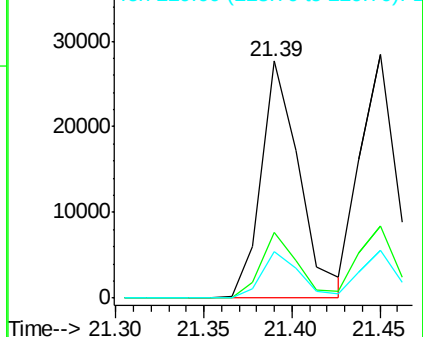
229 19.4 15.0 22.6

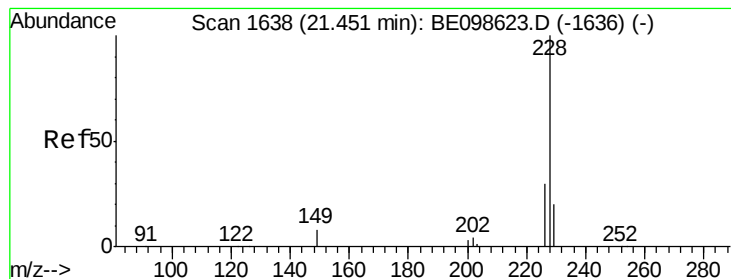


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.428 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

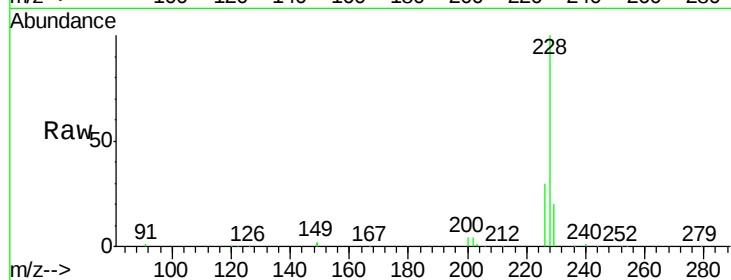
Tgt Ion: 228 Resp: 40672

Ion Ratio Lower Upper

228 100

226 29.5 24.6 36.8

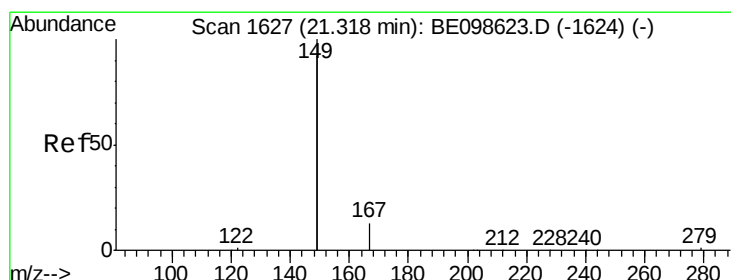
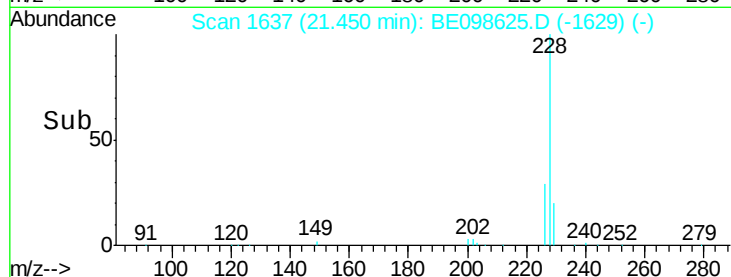
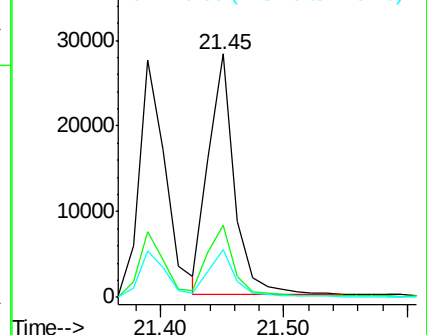
229 19.9 16.4 24.6



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: 1.500 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

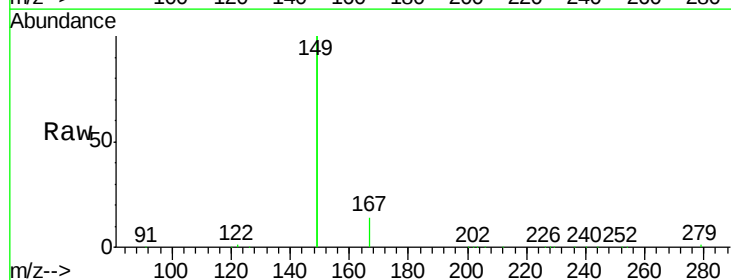
Tgt Ion: 149 Resp: 82825

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.2

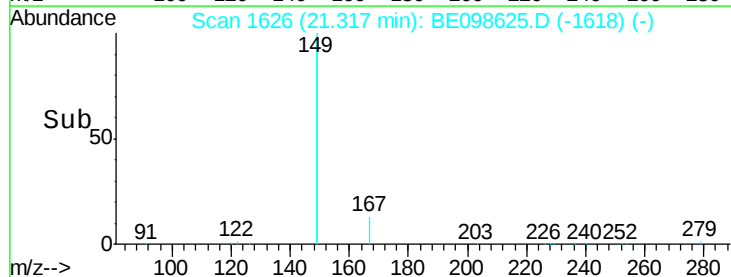
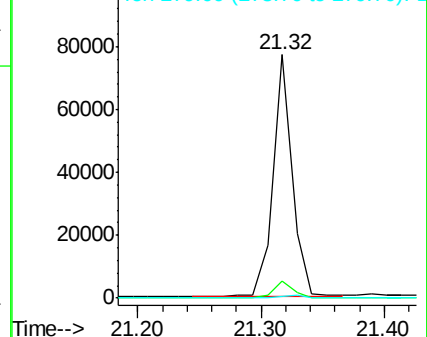
279 1.1 1.0 1.4

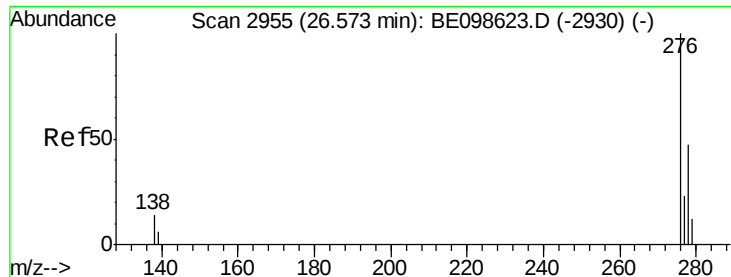


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.530 ng

RT: 26.57 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

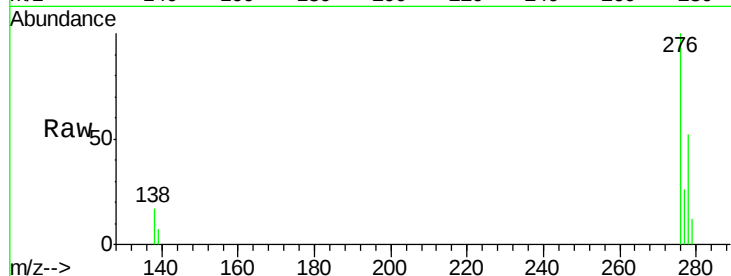
Tgt Ion:276 Resp: 43367

Ion Ratio Lower Upper

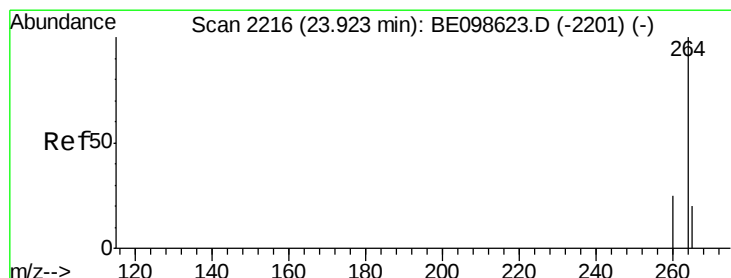
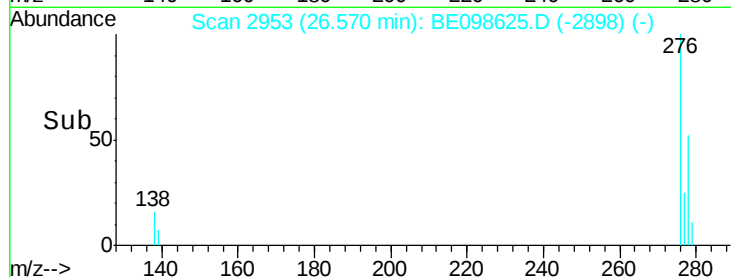
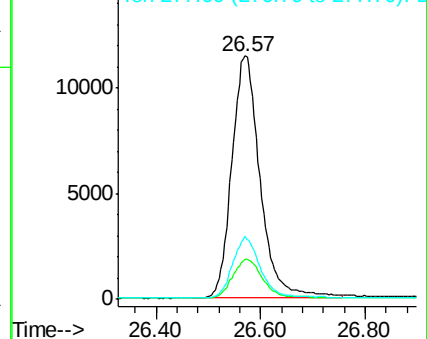
276 100

138 16.6 13.3 19.9

277 24.8 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: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

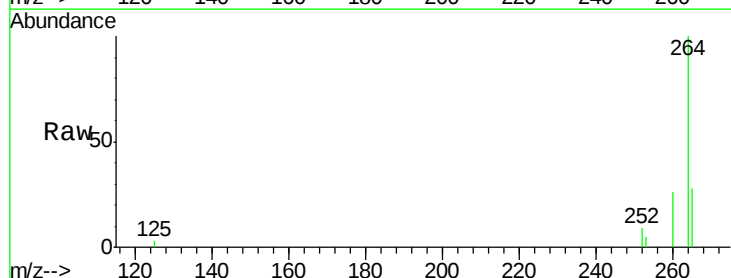
Tgt Ion:264 Resp: 8893

Ion Ratio Lower Upper

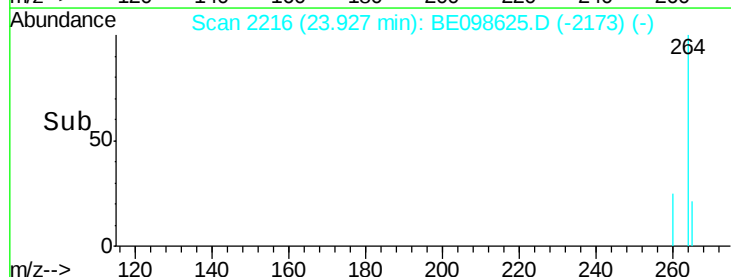
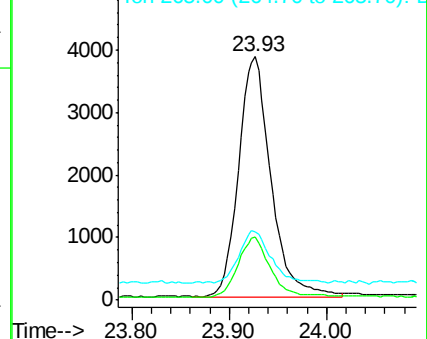
264 100

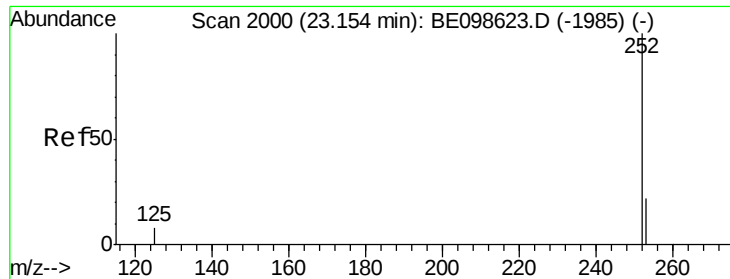
260 25.7 20.5 30.7

265 27.8 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: 1.622 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

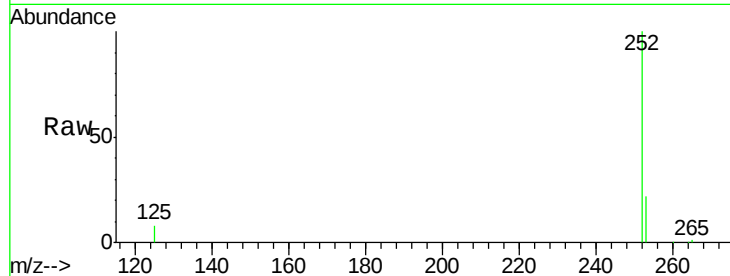
Tgt Ion:252 Resp: 39440

Ion Ratio Lower Upper

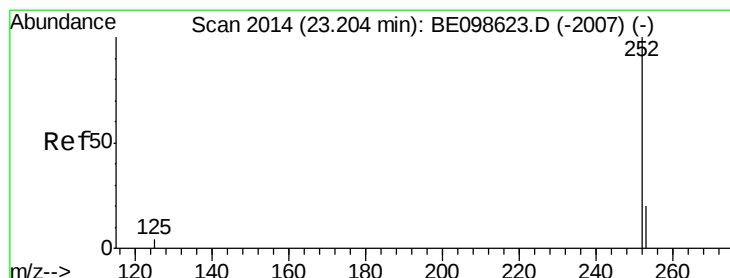
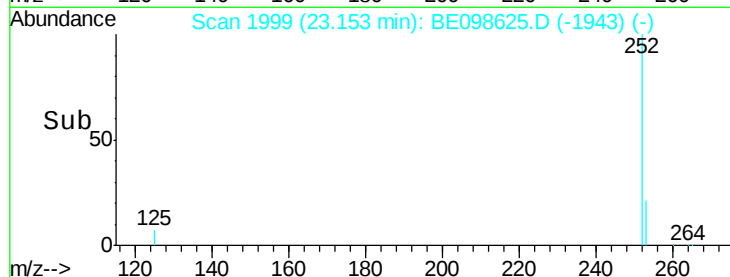
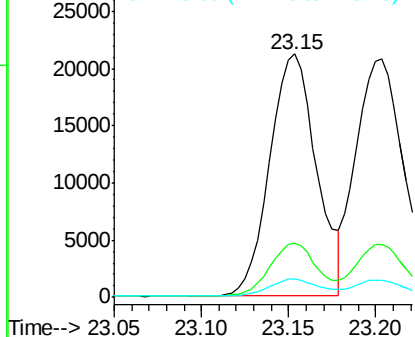
252 100

253 22.0 19.4 29.0

125 7.6 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: 1.503 ng

RT: 23.20 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

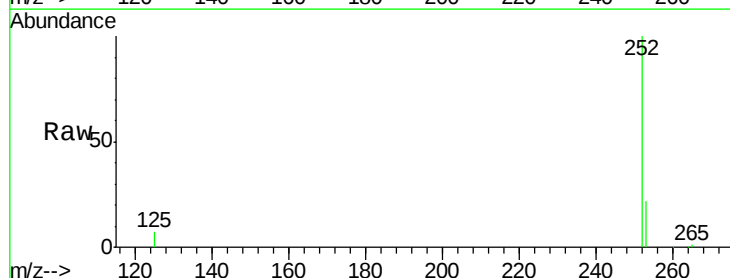
Tgt Ion:252 Resp: 42591

Ion Ratio Lower Upper

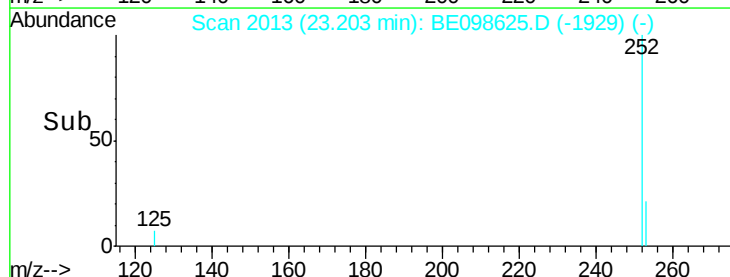
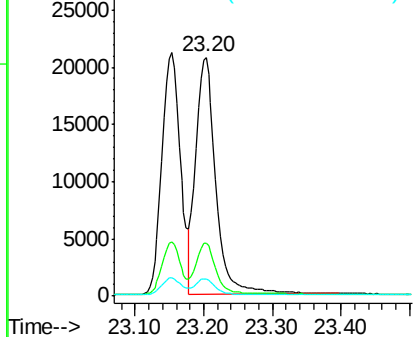
252 100

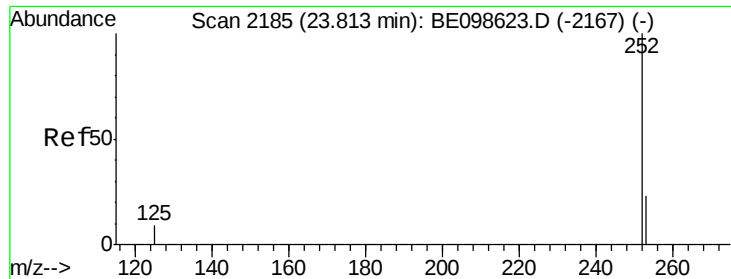
253 22.0 19.0 28.4

125 7.2 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: 1.514 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6

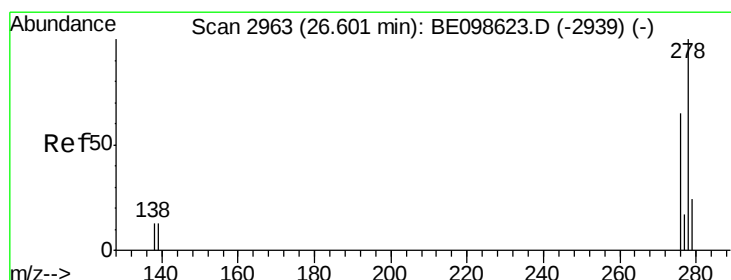
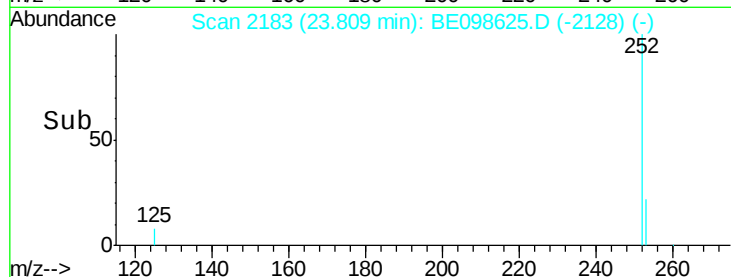
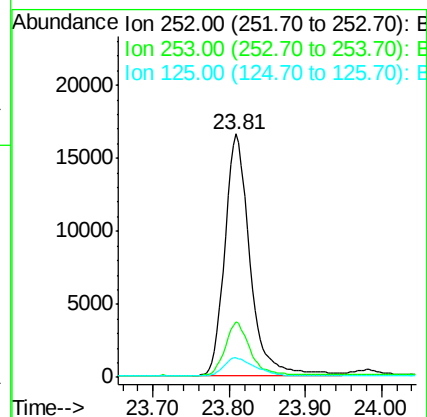
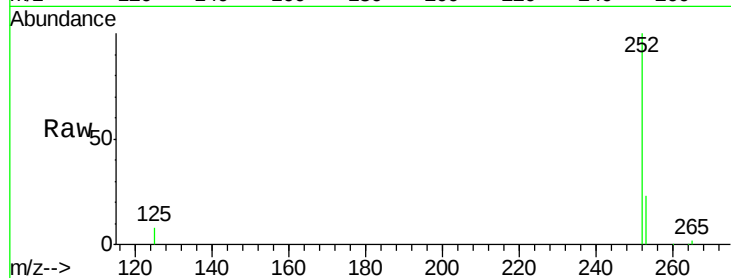
Tgt Ion:252 Resp: 37984

Ion Ratio Lower Upper

252 100

253 22.6 21.0 31.4

125 8.2 9.2 13.8#



#38

Dibenzo(a,h)anthracene

Concen: 1.494 ng

RT: 26.59 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BE098625.D

Acq: 15 Jan 2019 13:23

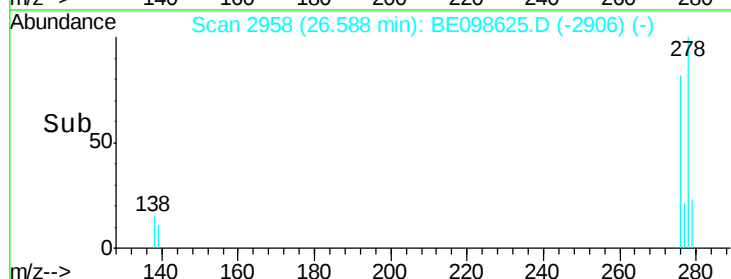
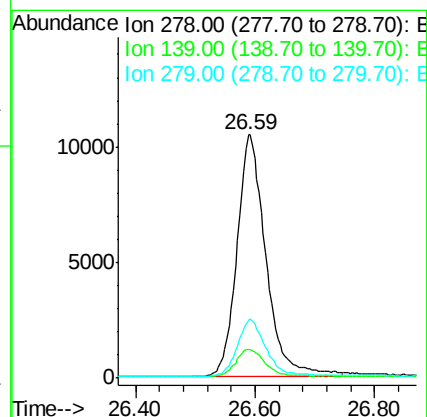
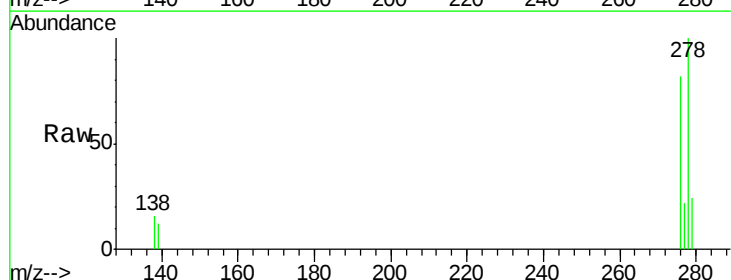
Tgt Ion:278 Resp: 35313

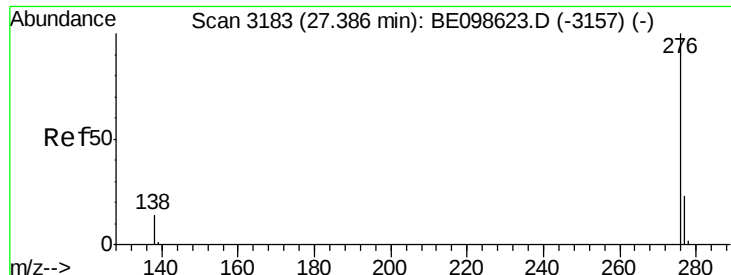
Ion Ratio Lower Upper

278 100

139 11.9 12.7 19.1#

279 23.9 22.0 33.0





#39

Benzo(g,h,i)perylene

Concen: 1.542 ng

RT: 27.38 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BE098625.D

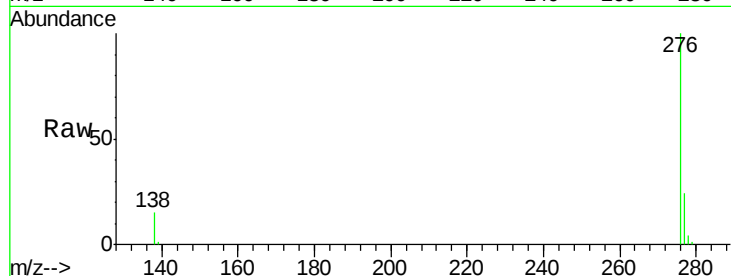
Acq: 15 Jan 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

SSTDICC1.6



Tgt Ion: 276 Resp: 36738

Ion Ratio Lower Upper

276 100

277 24.3 20.3 30.5

138 14.5 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

