Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
Data File : BE098622.D
Acq On : 15 Jan 2019 11:32
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.2

Quant Time: Jan 15 13:08:51 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	1126	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	5140	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	3345	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	8145	0.40	ng		0.00
27) Chrysene-d12	21.41	240	9143	0.40	ng		0.00
34) Perylene-d12	23.93	264	9140	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	607	0.23	ng		0.00
5) Phenol-d6	7.00	99	903	0.24	ng		0.00
8) Nitrobenzene-d5	8.98	82	762	0.16	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1749	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	280	0.23	ng		0.01
15) 2-Fluorobiphenyl	13.09	172	3079	0.22	ng		0.00
25) Fluoranthene-d10	19.26	212	20509	0.20	ng		0.00
29) Terphenyl-d14	19.86	244	4245	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	548	0.281	ng	#	79
3) n-Nitrosodimethylamine	3.66	42	229	0.131	ng	#	97
6) bis(2-Chloroethyl)ether	7.24	93	591	0.167	ng		89
9) Naphthalene	10.65	128	10787	0.209	ng		99
10) Hexachlorobutadiene	10.94	225	791	0.240	ng		98
12) 2-Methylnaphthalene	12.28	142	1738	0.207	ng		97
16) Acenaphthylene	14.20	152	3005	0.192	ng		99
17) Acenaphthene	14.54	154	1866	0.198	ng		98
18) Fluorene	15.51	166	2440	0.194	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	815	0.186	ng	#	81
21) Hexachlorobenzene	16.53	284	1085	0.230	ng		97
22) Pentachlorophenol	16.89	266	257	0.276	ng		95
23) Phenanthrene	17.27	178	3890	0.197	ng		100
24) Anthracene	17.36	178	3149	0.178	ng		99
26) Fluoranthene	19.29	202	5003	0.191	ng		99
28) Pyrene	19.65	202	5287	0.184	ng		99
30) Benzo(a)anthracene	21.39	228	5050	0.194	ng		96
31) Chrysene	21.45	228	5389	0.198	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	10578	0.200	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	5466	0.201	ng		97
35) Benzo(b)fluoranthene	23.21	252	5524	0.221	ng		95
36) Benzo(k)fluoranthene	23.21	252	5524	0.190	ng	#	93
37) Benzo(a)pyrene	23.81	252	4914	0.191	ng	#	96
38) Dibenzo(a,h)anthracene	26.60	278	4183	0.172	ng	#	92
39) Benzo(g,h,i)perylene	27.39	276	4842	0.198	ng		95

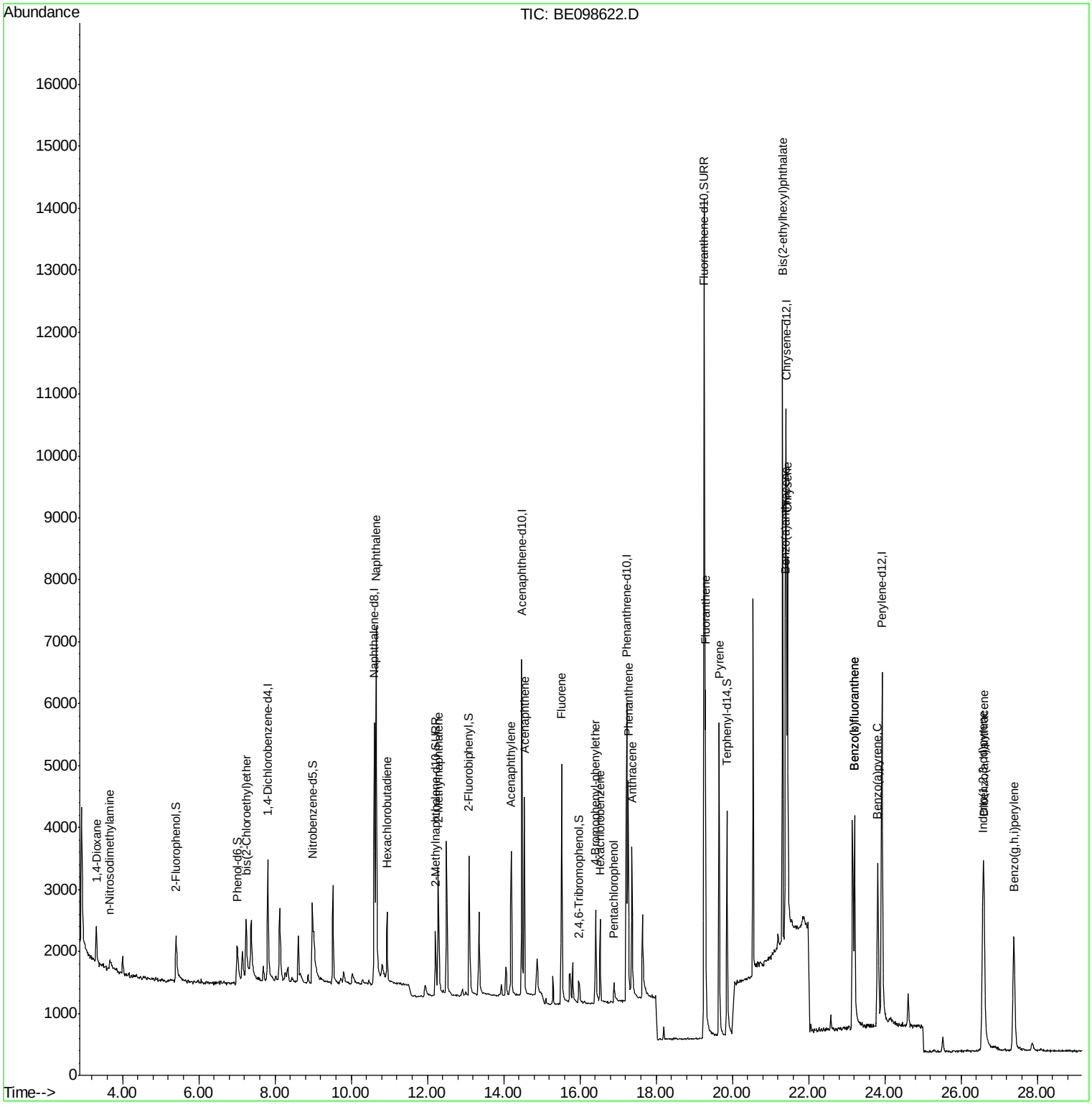
(#) = qualifier out of range (m) = manual integration (+) = signals summed

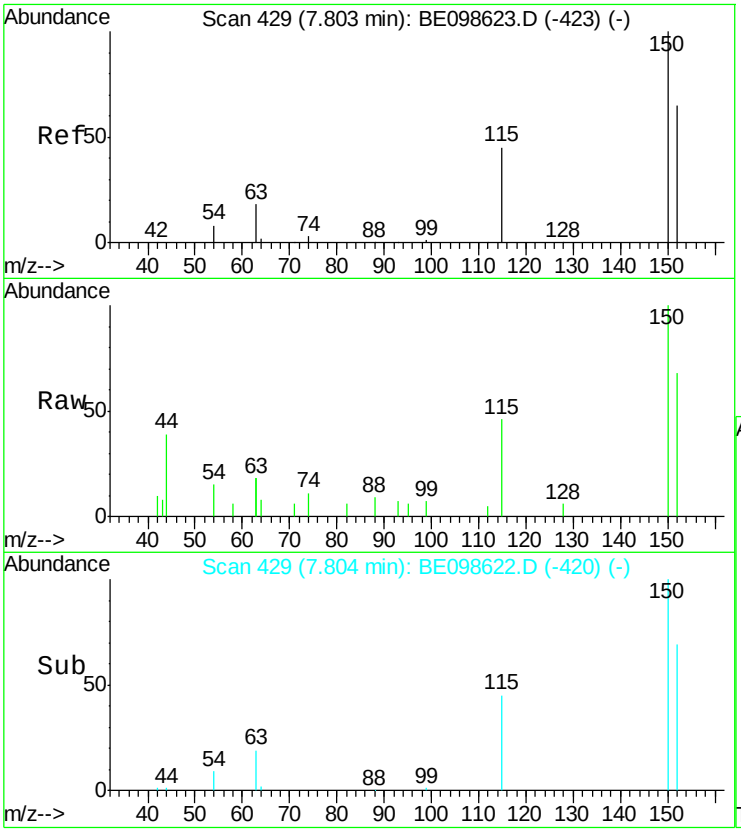
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
Data File : BE098622.D
Acq On : 15 Jan 2019 11:32
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 15 13:08:51 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



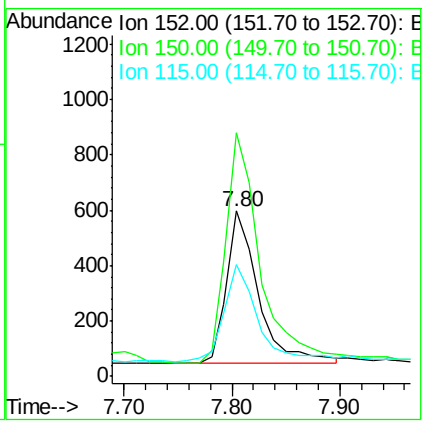


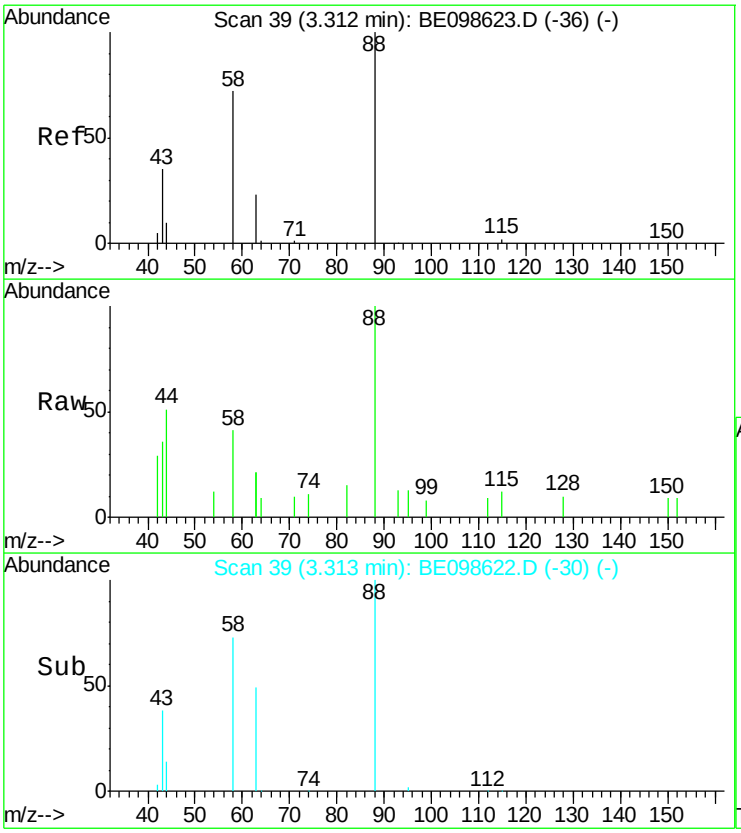
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1126

Ion	Ratio	Lower	Upper
152	100		
150	147.2	121.4	182.2
115	67.8	59.1	88.7

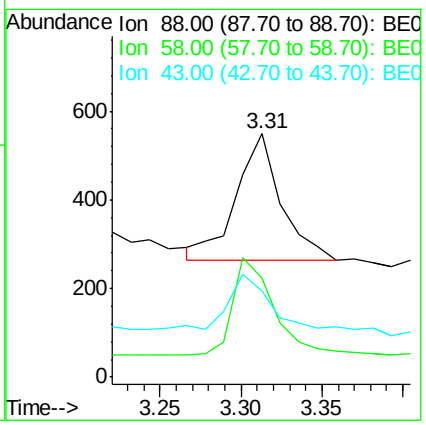


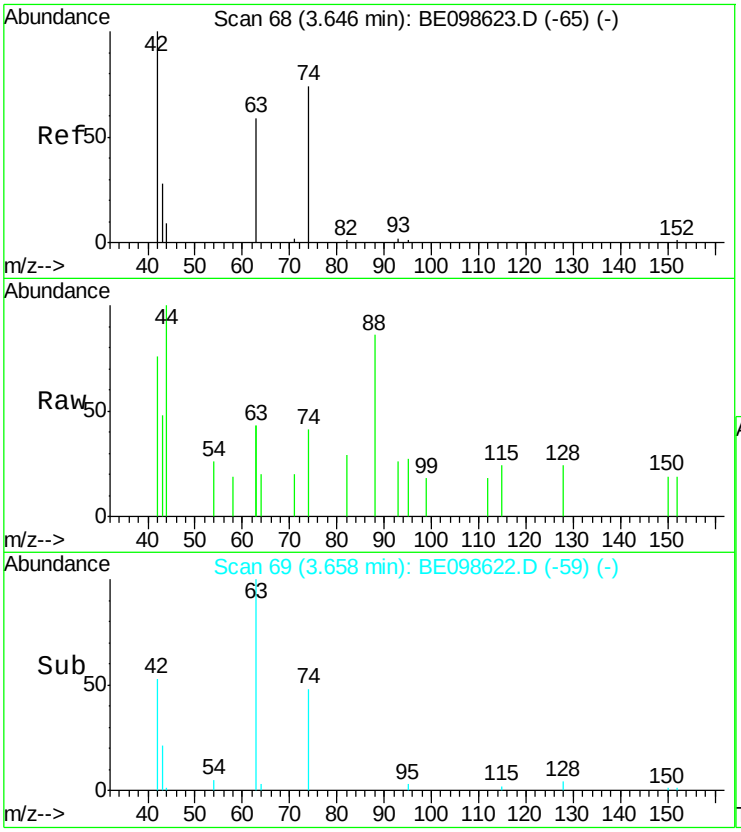


#2
1,4-Dioxane
Concen: 0.281 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion: 88 Resp: 548

Ion	Ratio	Lower	Upper
88	100		
58	70.4	73.9	110.9#
43	41.8	43.7	65.5#



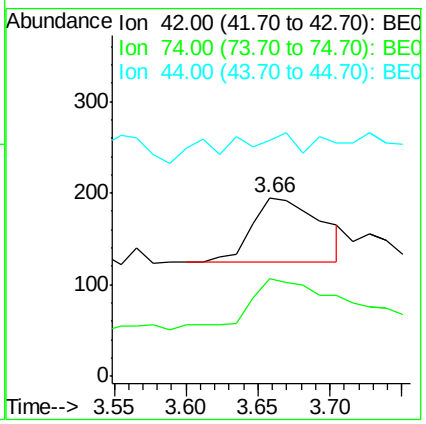


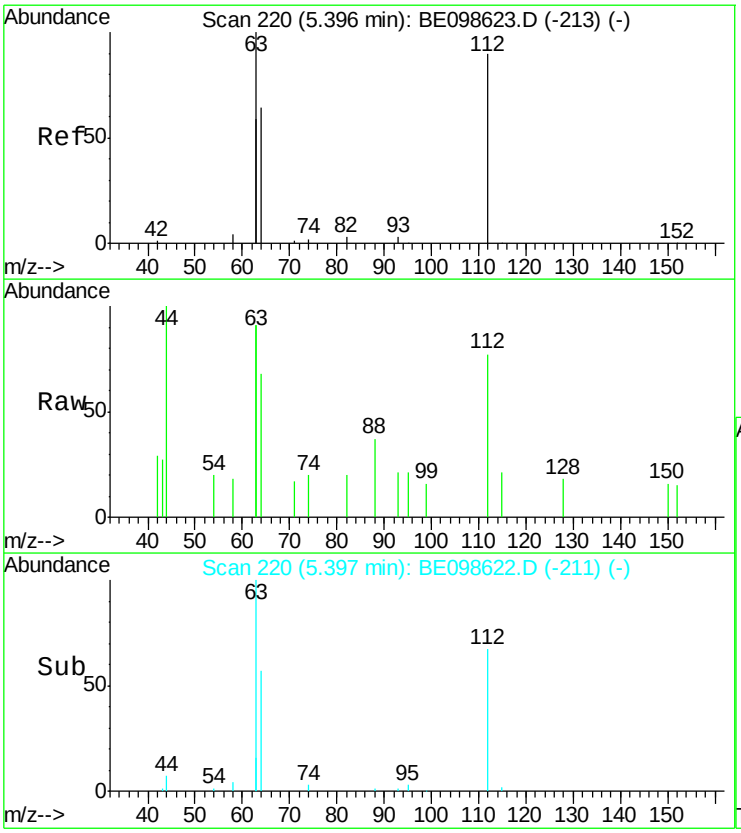
#3
n-Nitrosodimethylamine
Concen: 0.131 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 229

Ion	Ratio	Lower	Upper
42	100		
74	76.0	58.9	88.3
44	24.9	0.0	0.0#

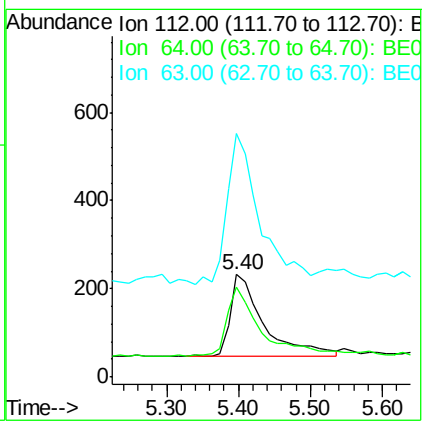


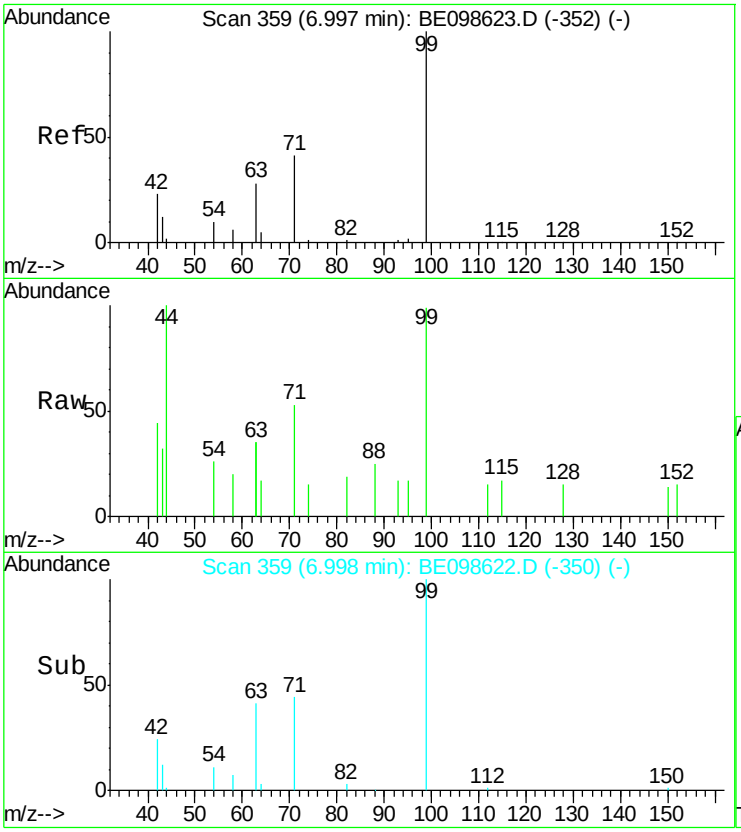


#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:112 Resp: 607

Ion	Ratio	Lower	Upper
112	100		
64	87.8	62.9	94.3
63	180.1	152.2	228.4



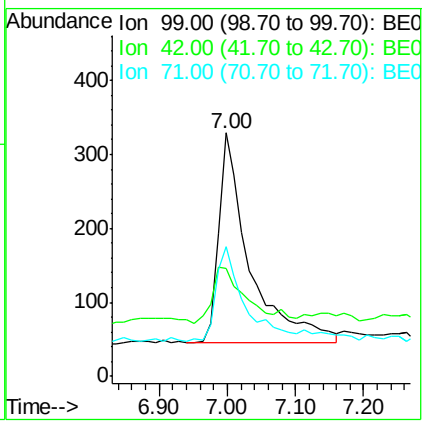


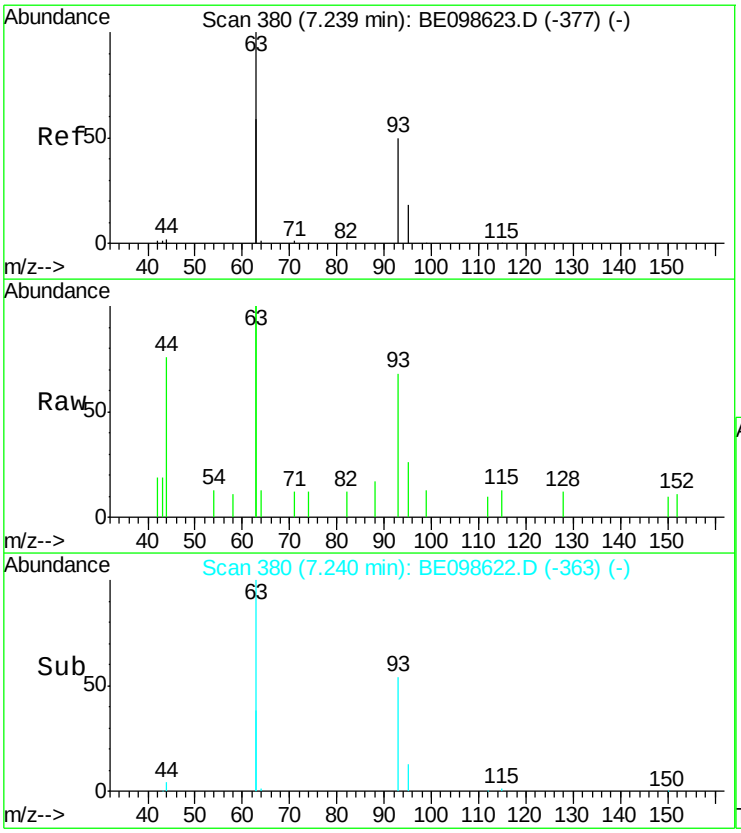
#5
Phenol-d6
Concen: 0.242 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 903

Ion	Ratio	Lower	Upper
99	100		
42	30.8	24.6	37.0
71	42.2	35.1	52.7

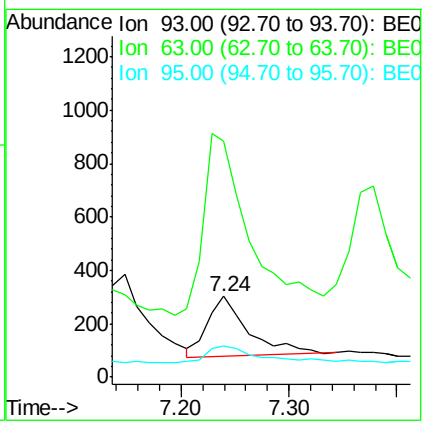


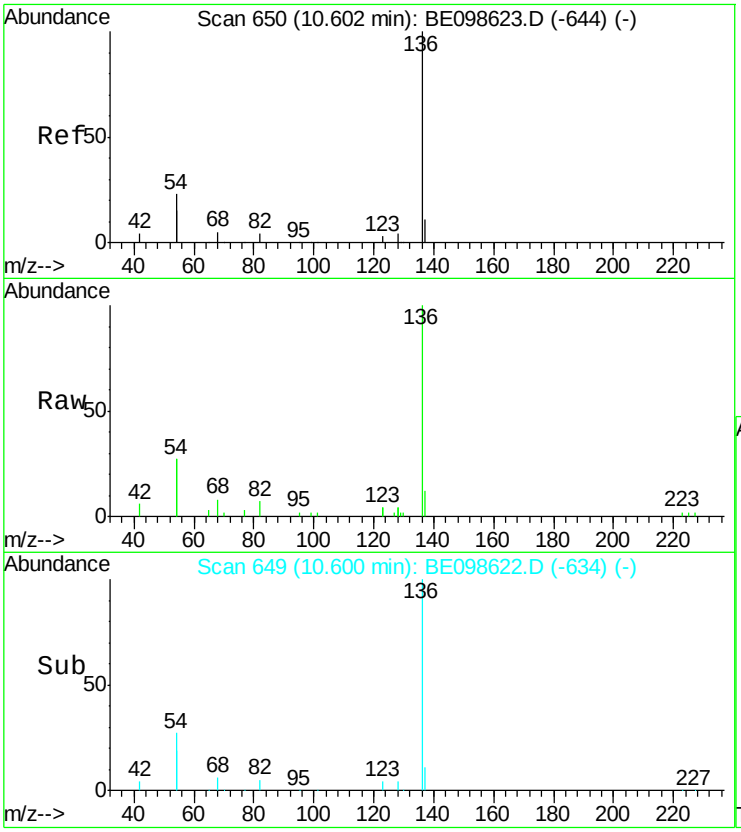


#6
bis(2-Chloroethyl)ether
Concen: 0.167 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion: 93 Resp: 591

Ion	Ratio	Lower	Upper
93	100		
63	358.2	267.3	400.9
95	36.0	26.2	39.4



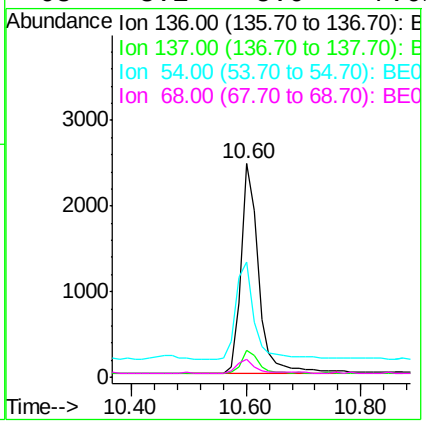


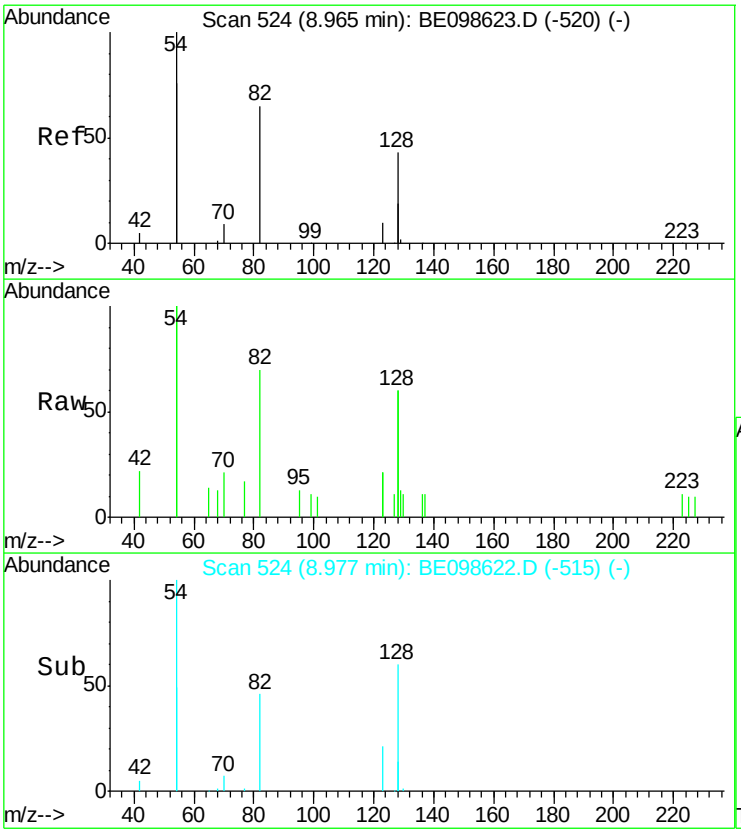
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.2

Tgt Ion:136 Resp: 5140

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	53.8	35.5	53.3#
68	8.1	5.0	7.6#

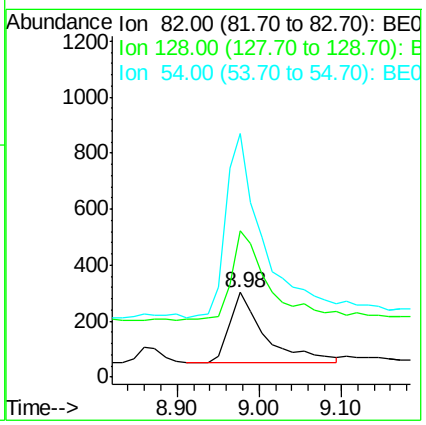


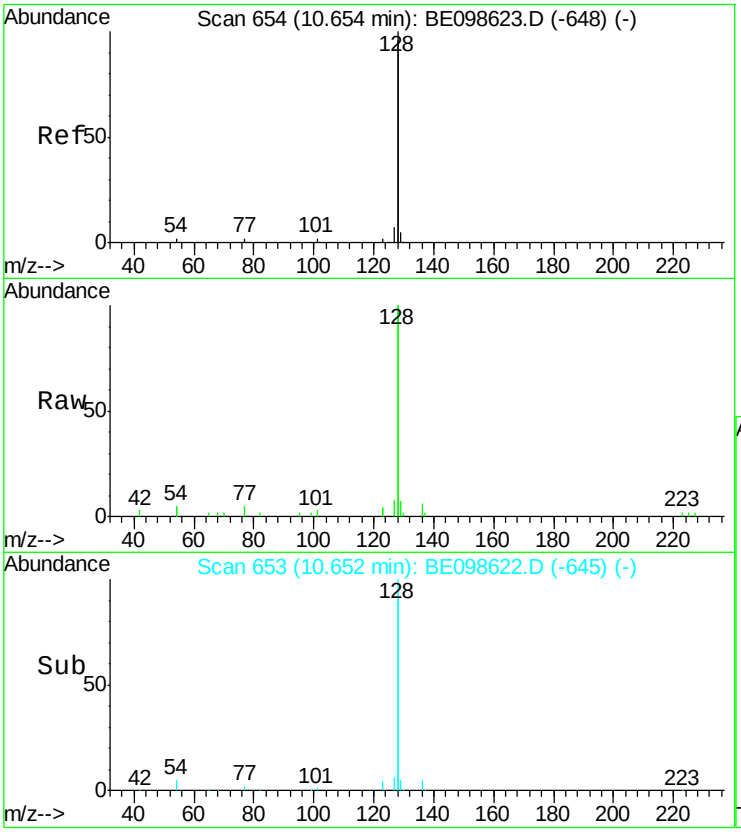


#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion: 82 Resp: 762

Ion	Ratio	Lower	Upper
82	100		
128	172.9	96.5	144.7#
54	287.1	224.7	337.1



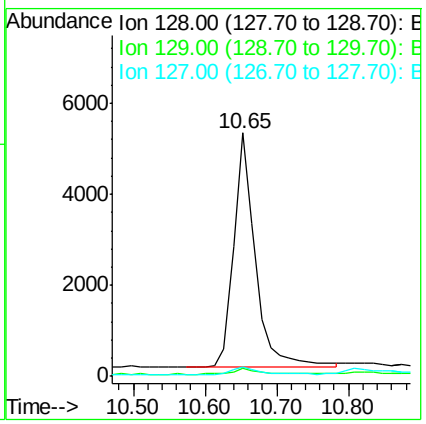


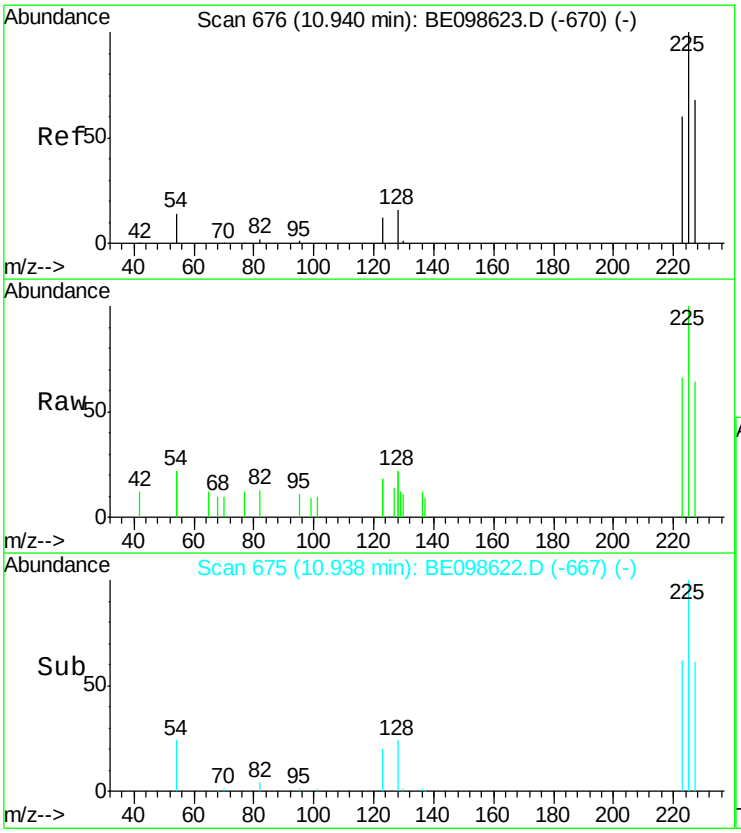
#9
Naphthalene
Concen: 0.209 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 10787

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	3.8
127	4.0	3.0	4.6

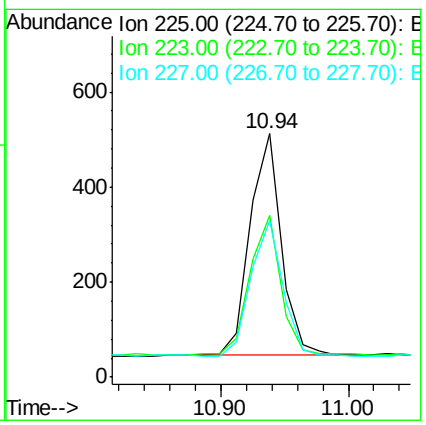


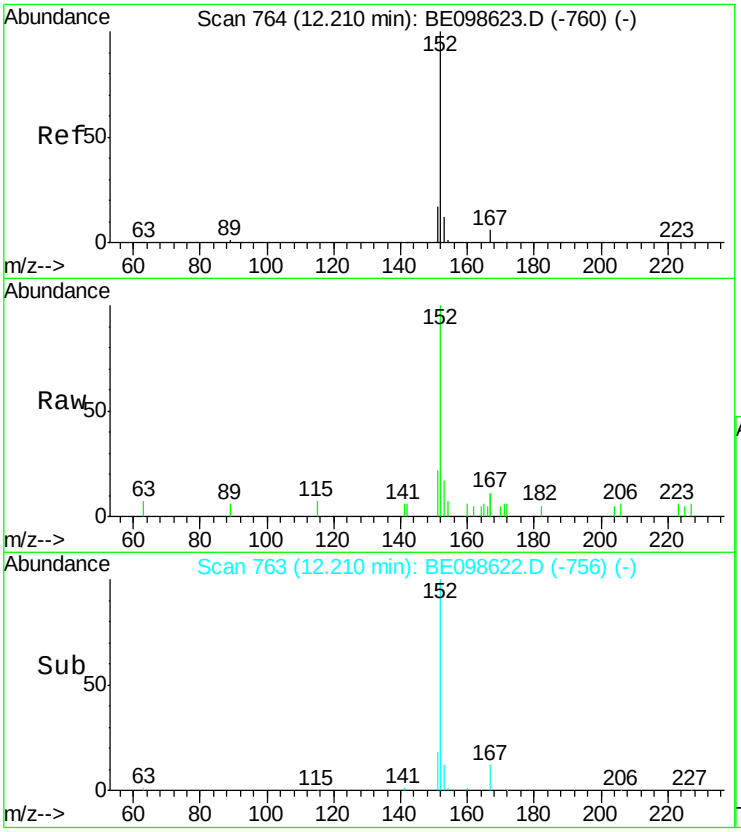


#10
Hexachlorobutadiene
Concen: 0.240 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:225 Resp: 791

Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.8	71.8
227	62.3	50.5	75.7



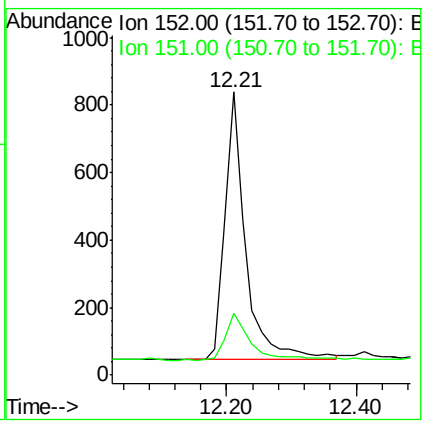


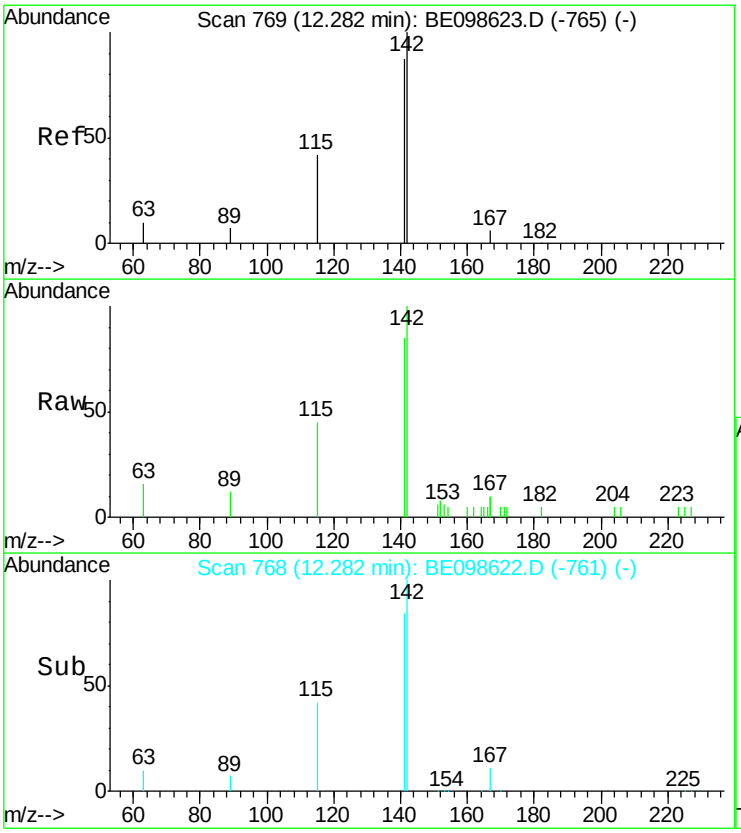
#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1749

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4

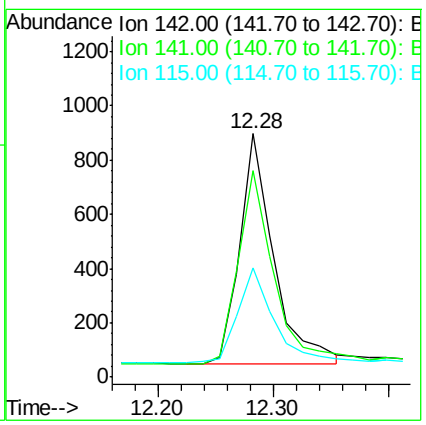


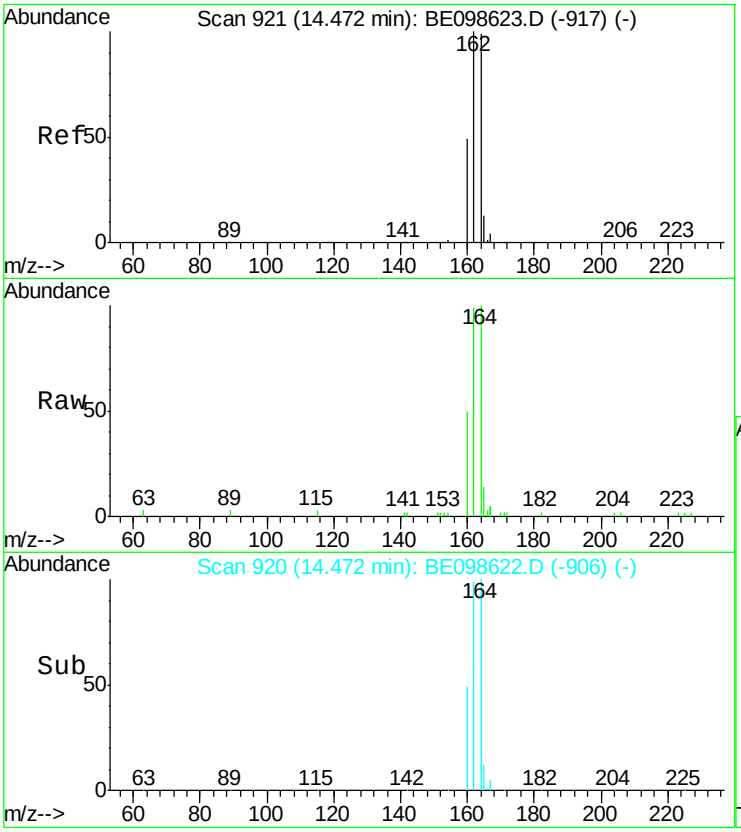


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:142 Resp: 1738

Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.0	105.0
115	45.0	35.2	52.8



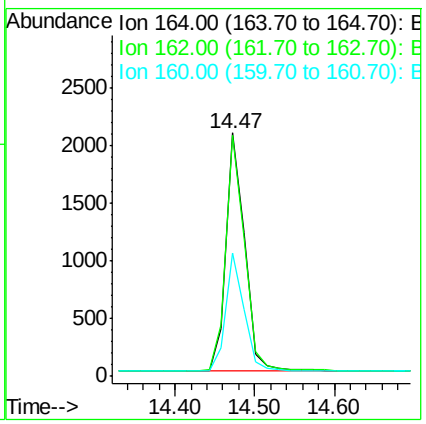


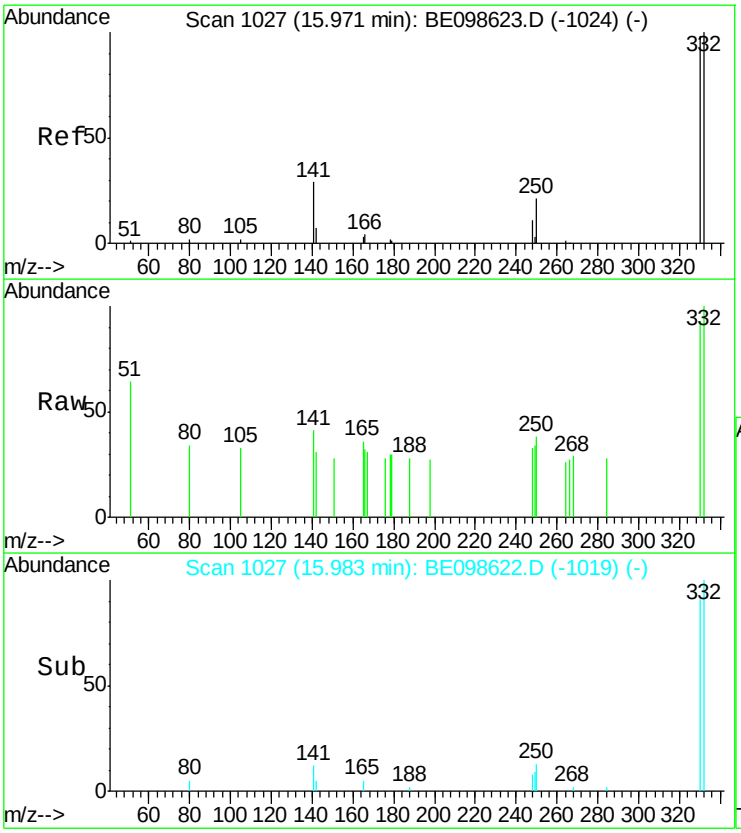
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 3345

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.5	120.7
160	50.5	40.1	60.1

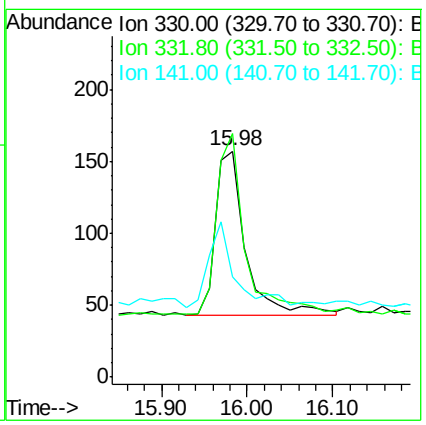


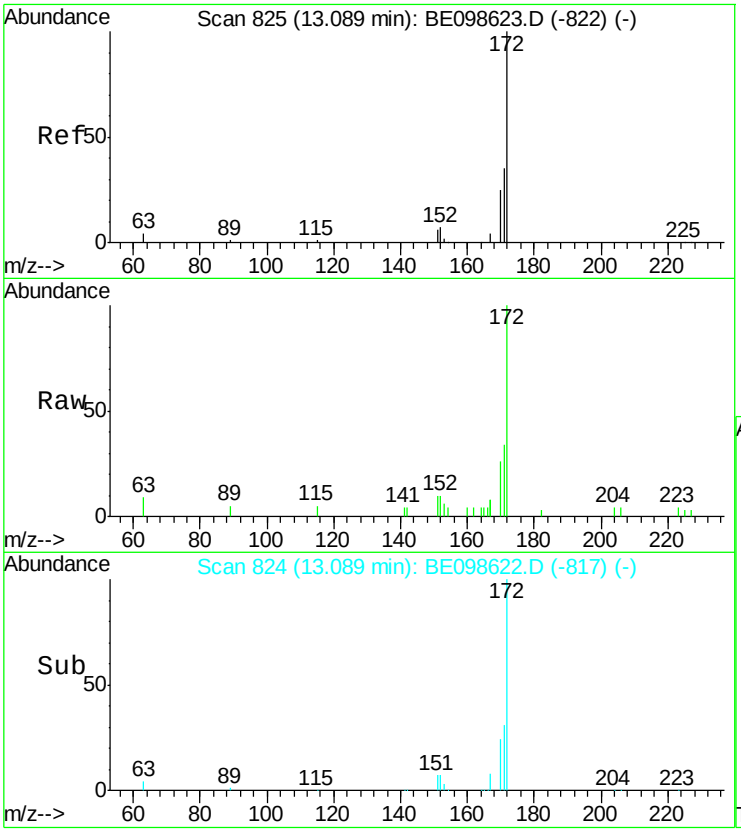


#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:330 Resp: 280

Ion	Ratio	Lower	Upper
330	100		
332	105.0	73.3	109.9
141	48.6	33.1	49.7



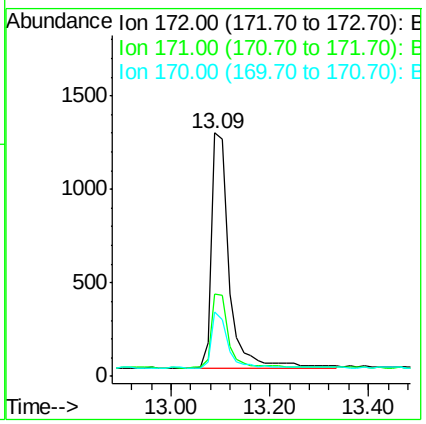


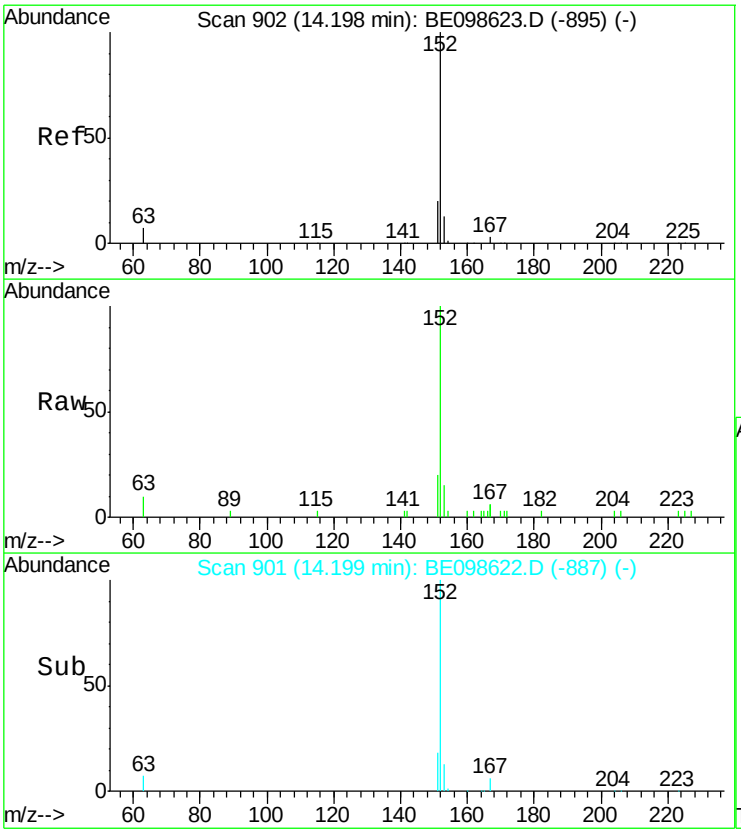
#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3079

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.4
170	26.4	20.8	31.2

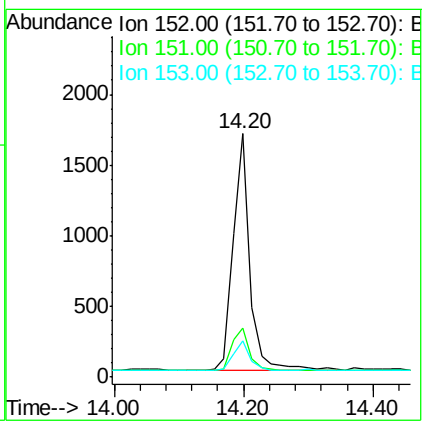


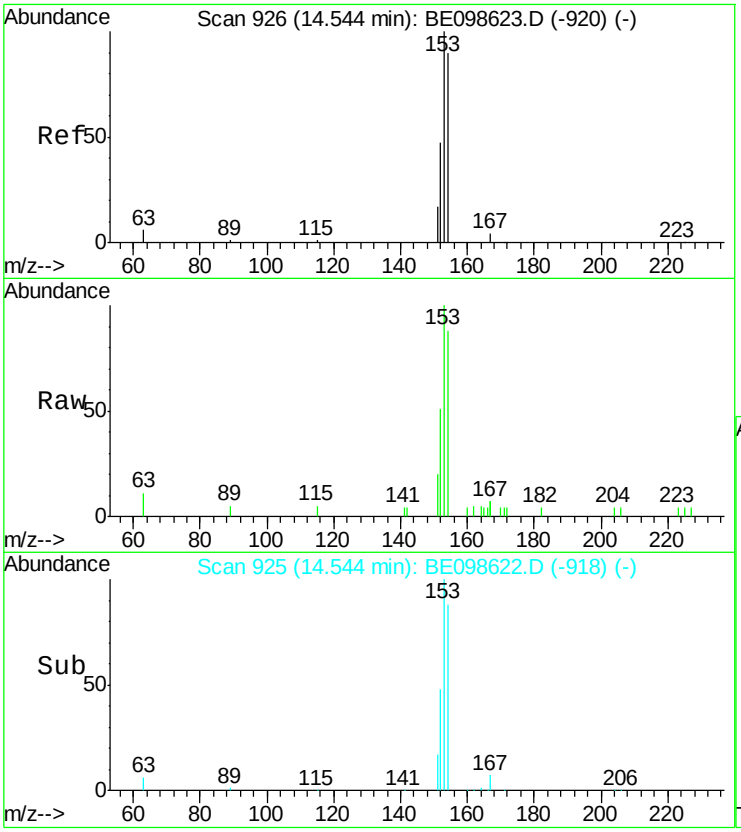


#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:152 Resp: 3005

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.2	10.7	16.1



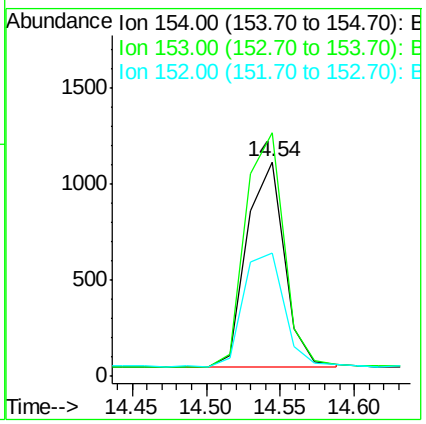


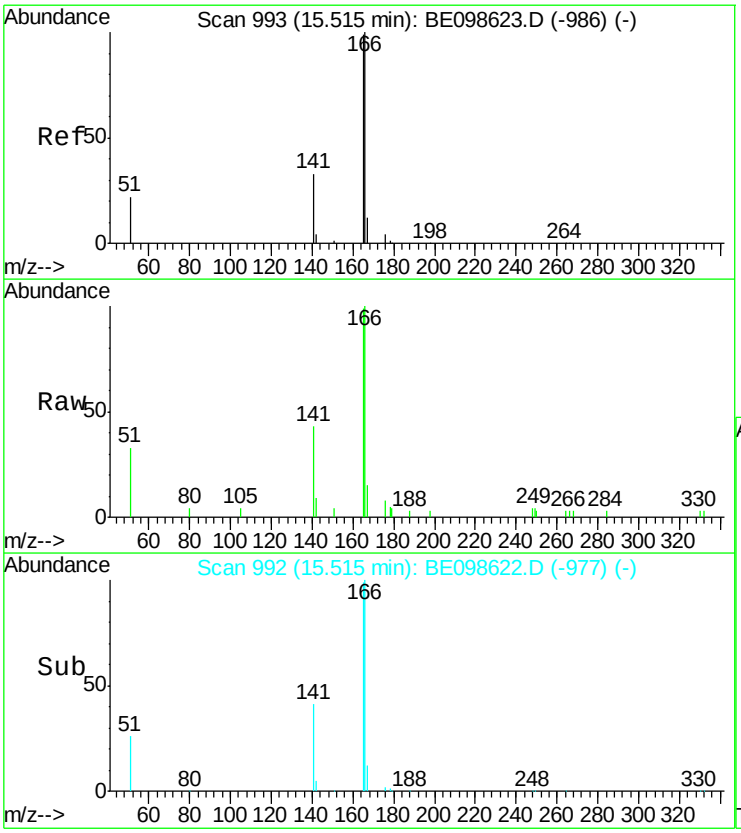
#17
Acenaphthene
Concen: 0.198 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1866

Ion	Ratio	Lower	Upper
154	100		
153	118.0	93.9	140.9
152	60.8	45.8	68.8

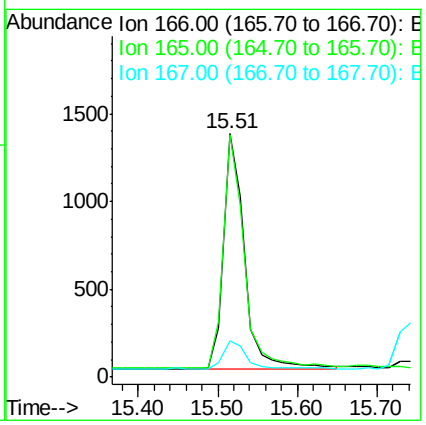


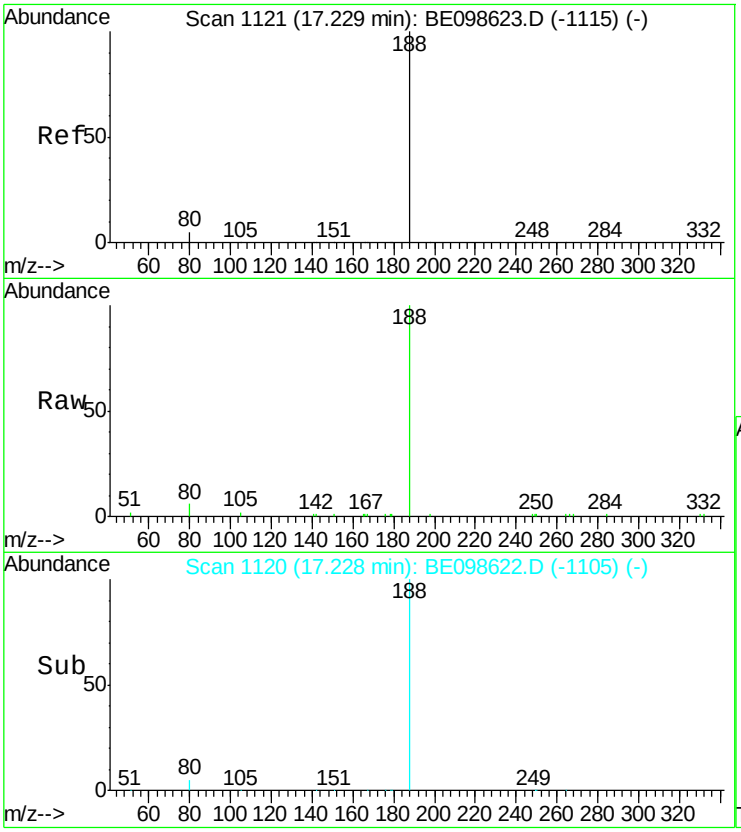


#18
Fluorene
Concen: 0.194 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:166 Resp: 2440

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	13.5	10.6	15.8



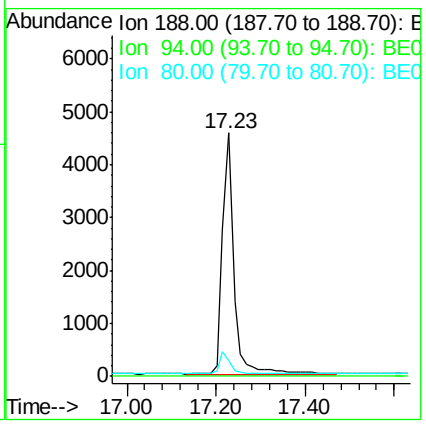


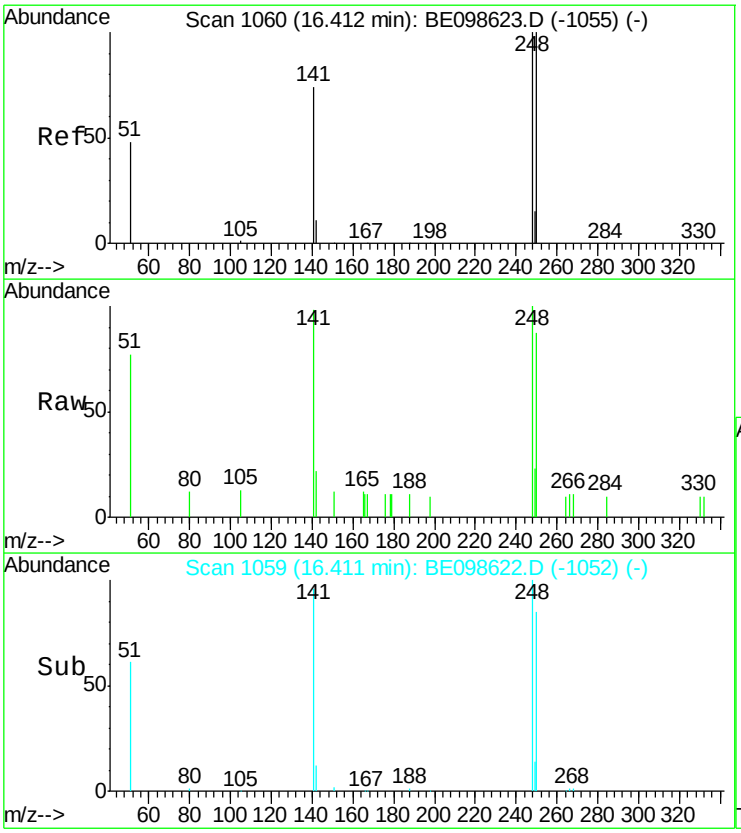
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 8145

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	4.7	7.1

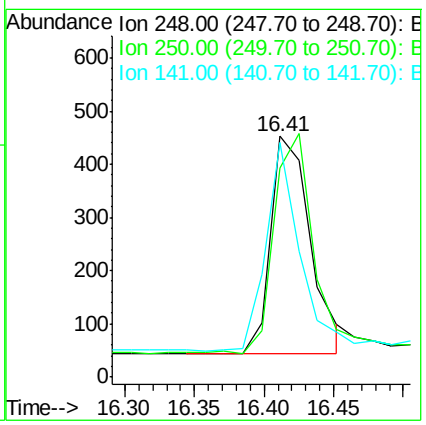


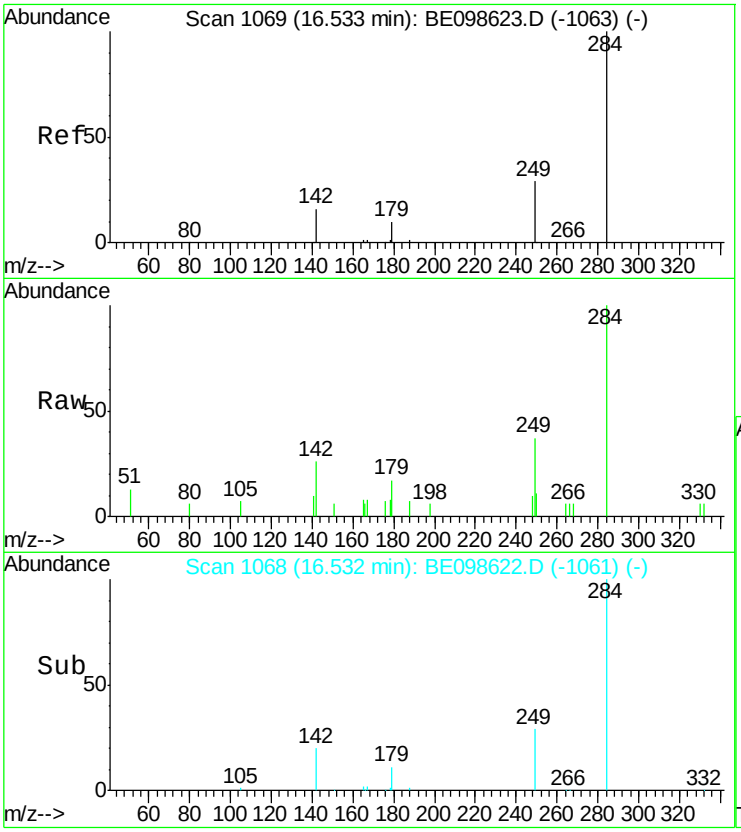


#20
4-Bromophenyl-phenylether
Concen: 0.186 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:248 Resp: 815

Ion	Ratio	Lower	Upper
248	100		
250	86.5	80.2	120.4
141	97.6	60.5	90.7#



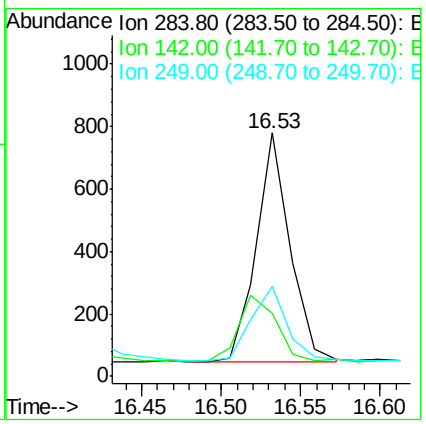


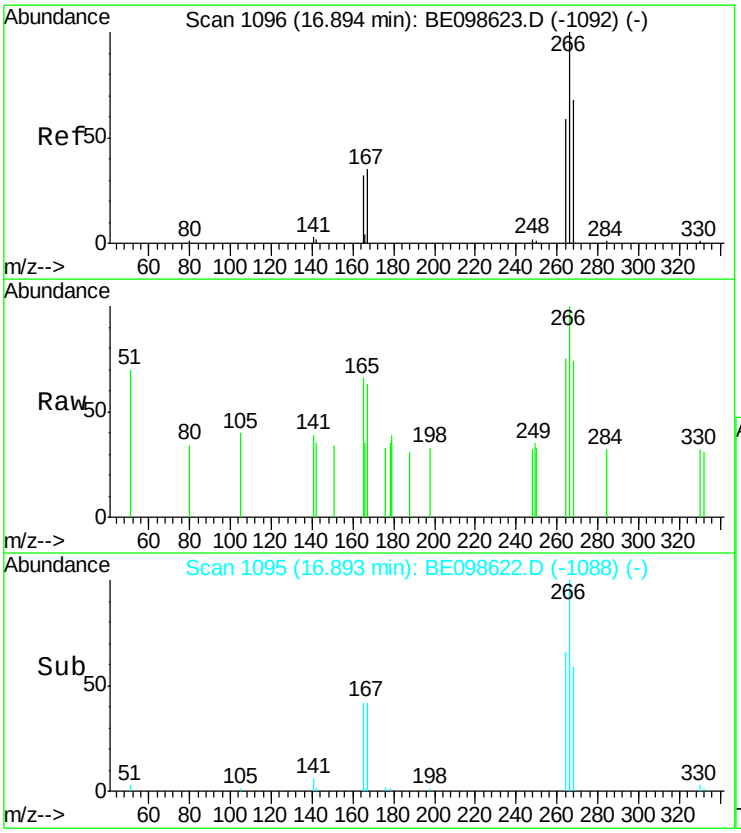
#21
Hexachlorobenzene
Concen: 0.230 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1085

Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.5	38.3
249	35.1	26.6	39.8

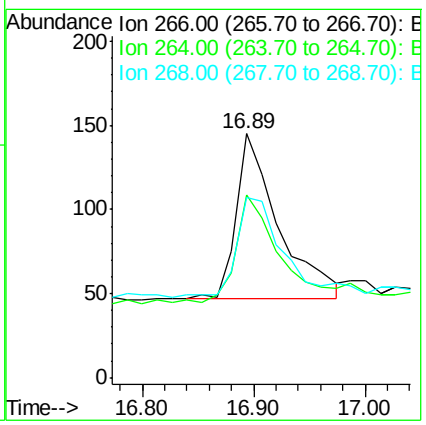


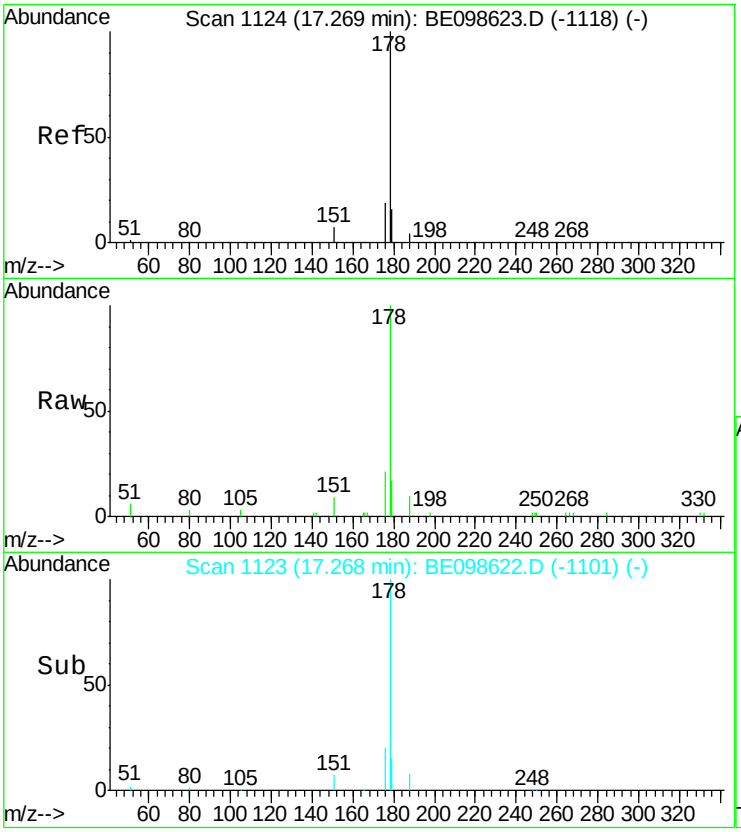


#22
Pentachlorophenol
Concen: 0.276 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:266 Resp: 257

Ion	Ratio	Lower	Upper
266	100		
264	75.2	53.7	80.5
268	73.8	59.8	89.8



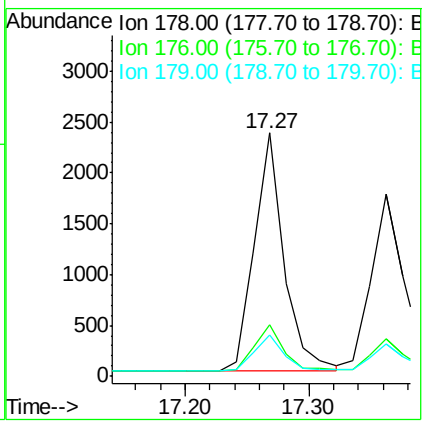


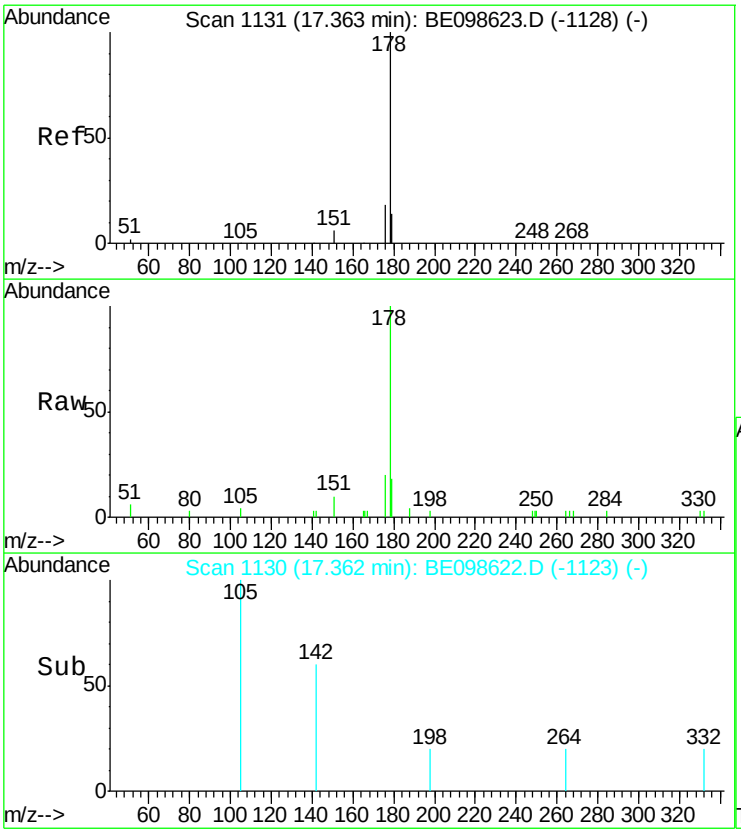
#23
Phenanthrene
Concen: 0.197 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3890

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.5	12.2	18.4

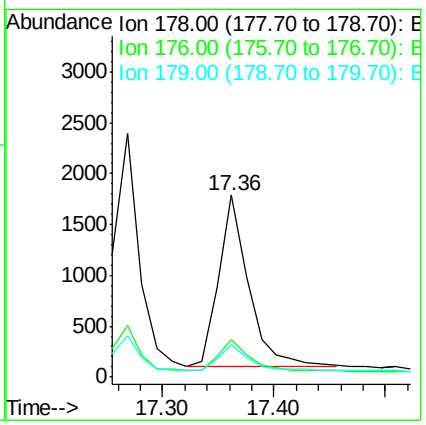


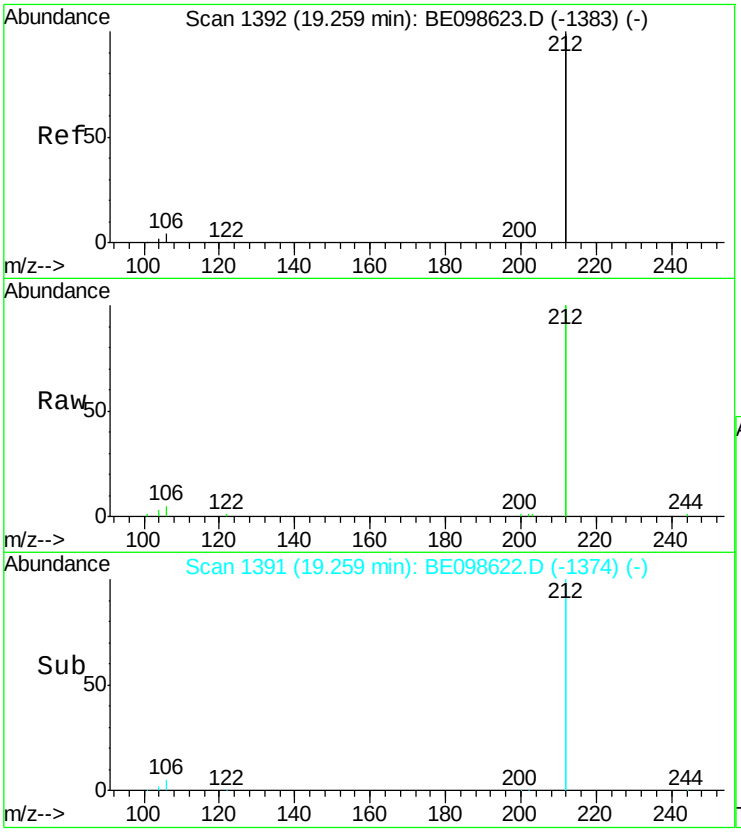


#24
Anthracene
Concen: 0.178 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:178 Resp: 3149

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.6	11.8	17.8



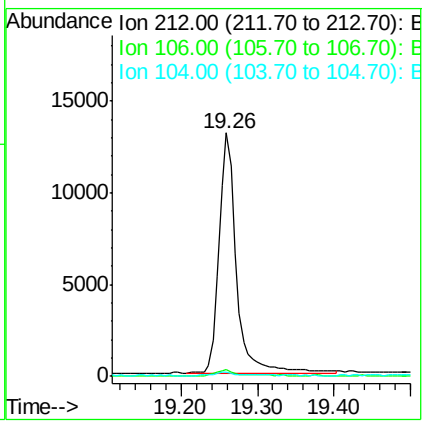


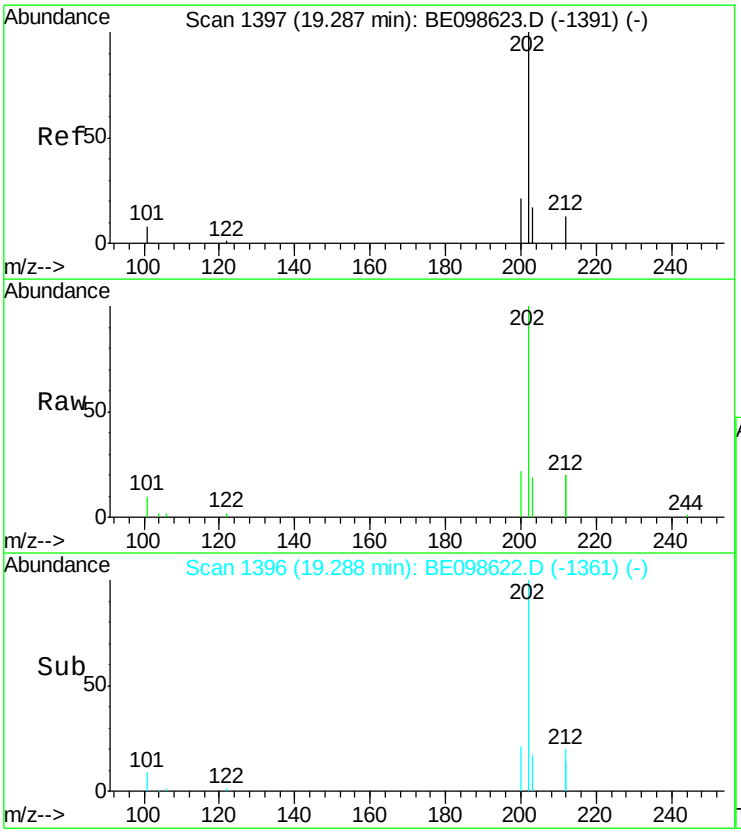
#25
Fluoranthene-d10
Concen: 0.196 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.2

Tgt Ion:212 Resp: 20509

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.7	2.5
104	1.4	1.0	1.6

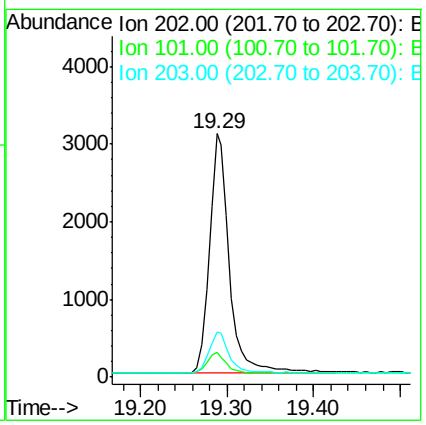


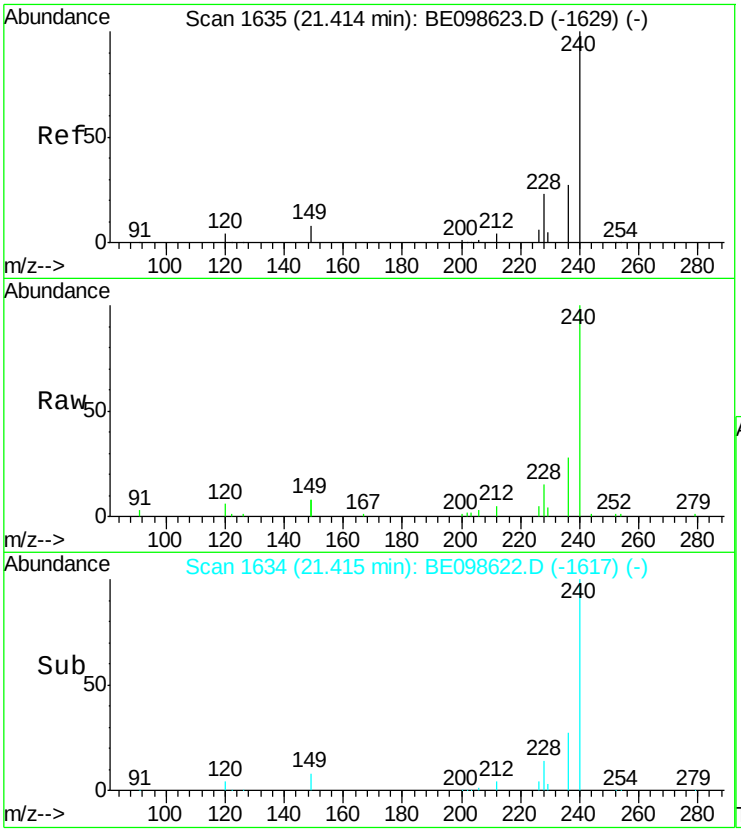


#26
Fluoranthene
Concen: 0.191 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:202 Resp: 5003

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
203	17.1	13.3	19.9



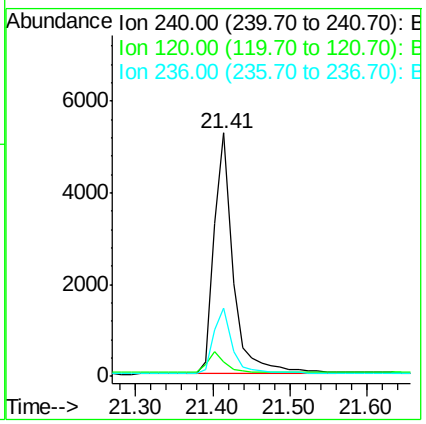


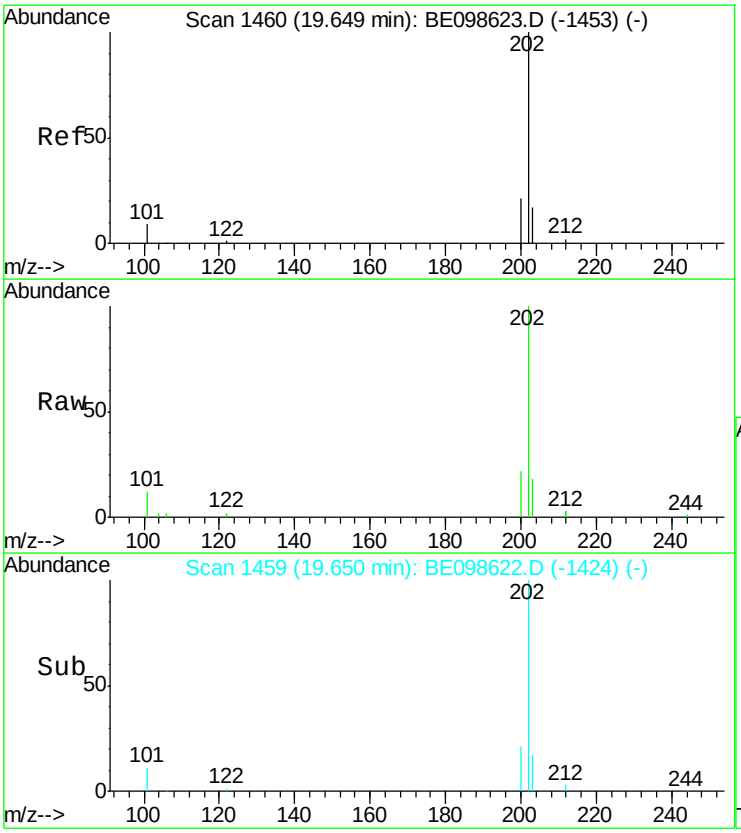
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.2

Tgt Ion:240 Resp: 9143

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.7	7.1
236	28.1	21.9	32.9

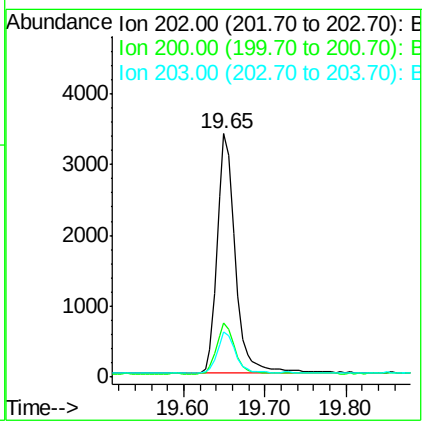


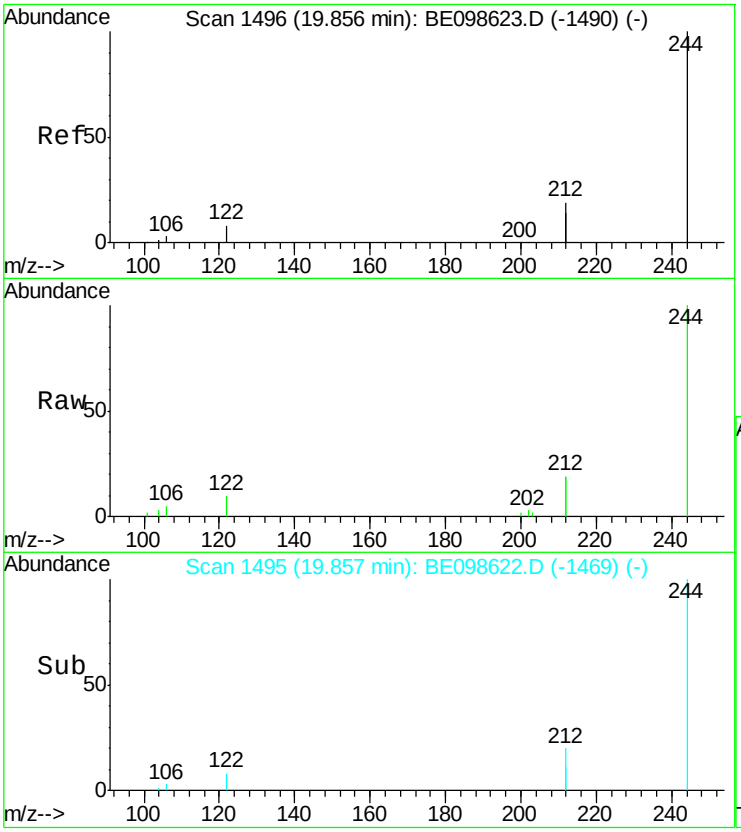


#28
Pyrene
Concen: 0.184 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:202 Resp: 5287

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.6
203	17.2	13.8	20.8



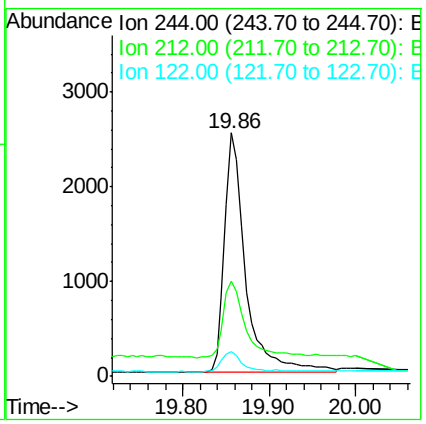


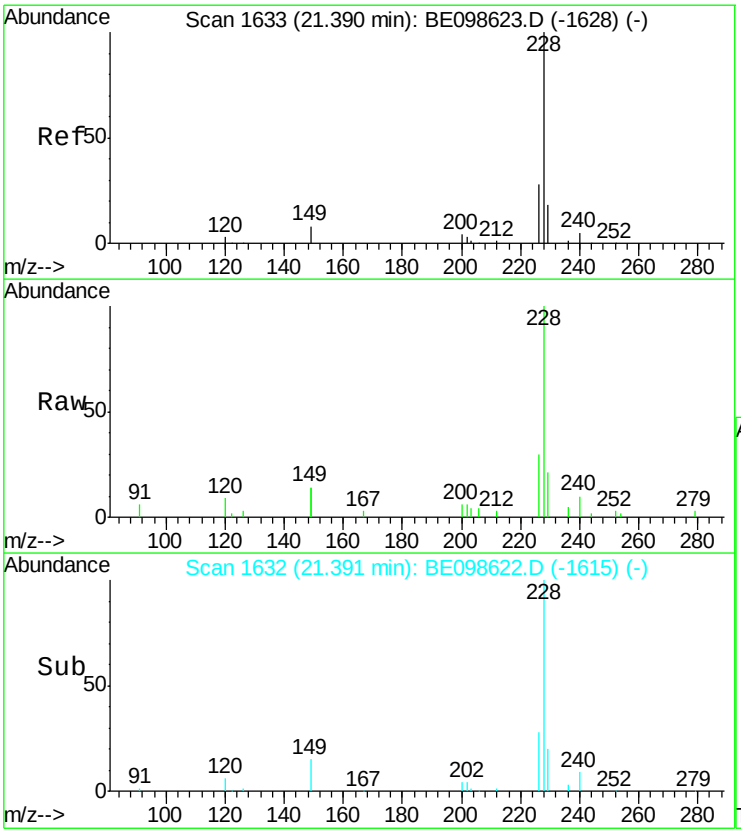
#29
Terphenyl-d14
Concen: 0.191 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.2

Tgt Ion:244 Resp: 4245

Ion	Ratio	Lower	Upper
244	100		
212	38.8	29.4	44.2
122	10.0	7.1	10.7

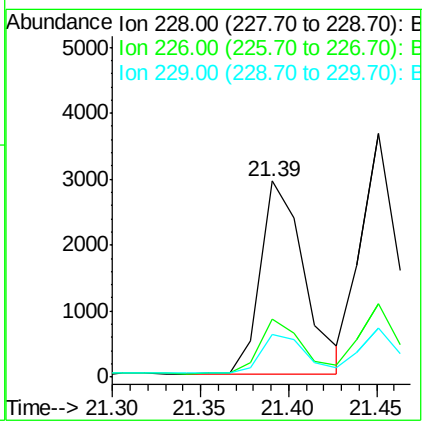


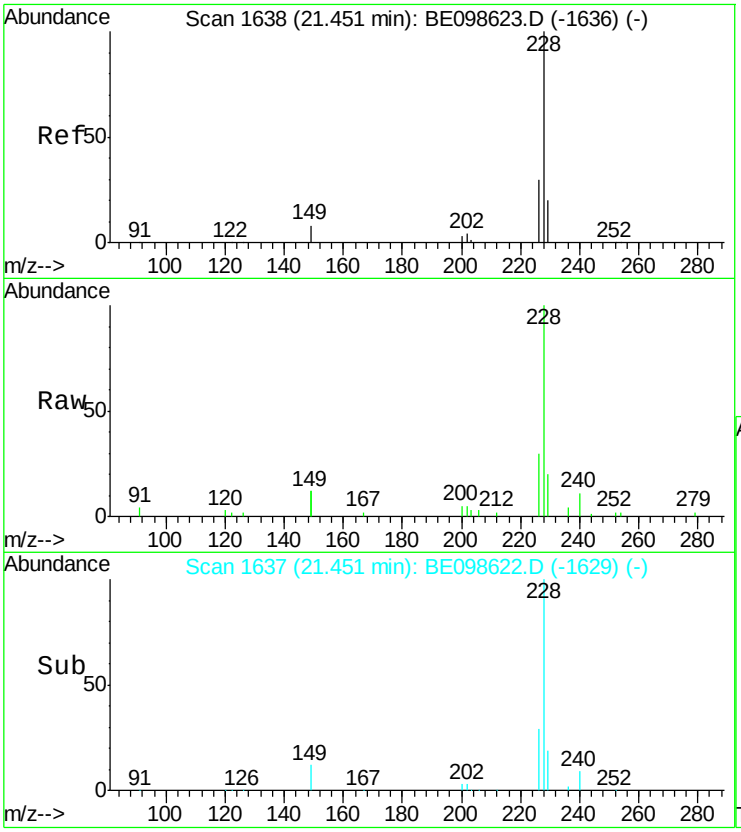


#30
Benzo(a)anthracene
Concen: 0.194 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:228 Resp: 5050

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	21.5	15.0	22.6



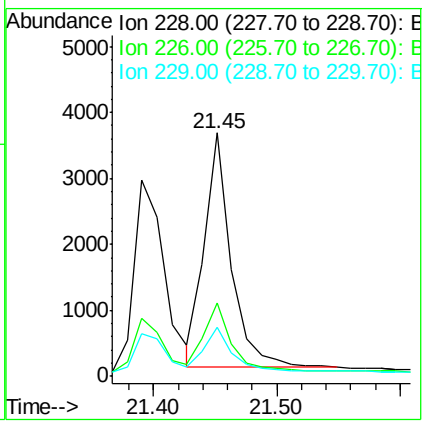


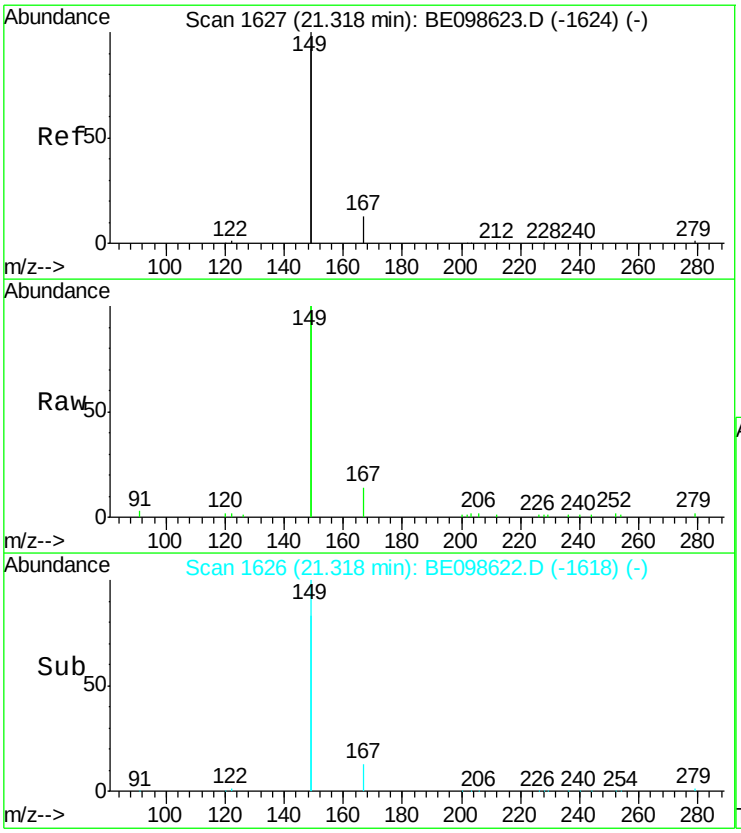
#31
Chrysene
Concen: 0.198 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 5389

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	36.8
229	20.0	16.4	24.6

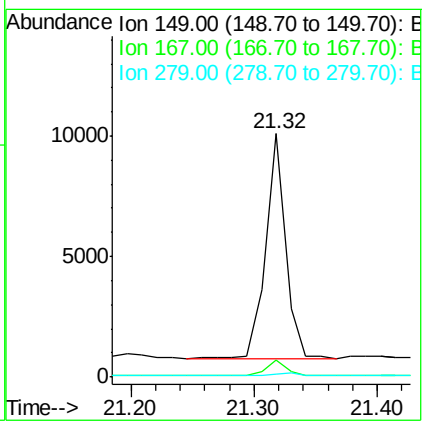


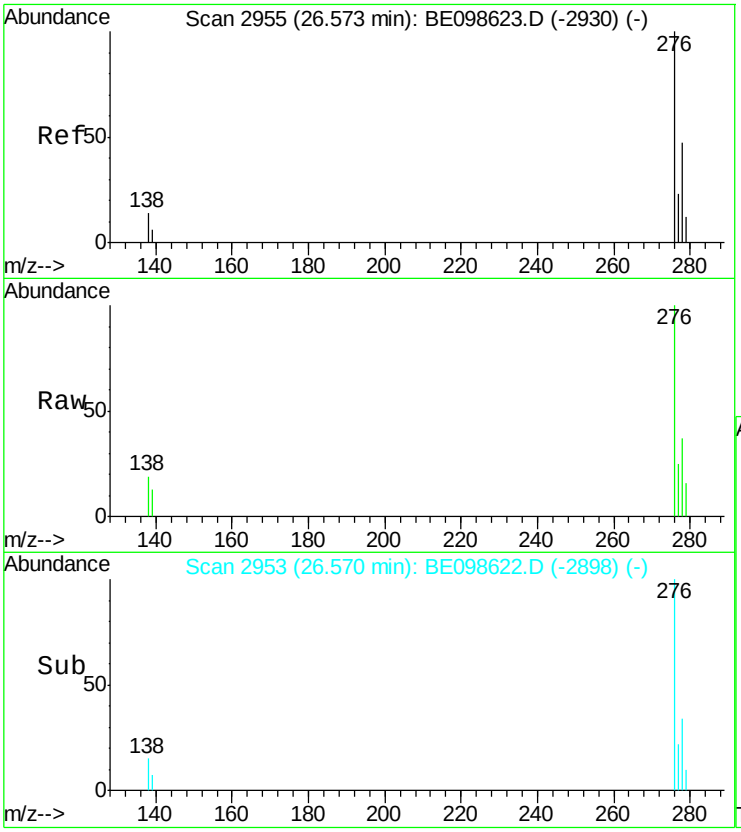


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.200 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:149 Resp: 10578

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.3	1.0	1.4



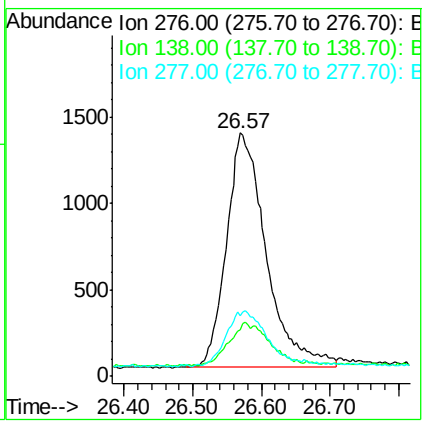


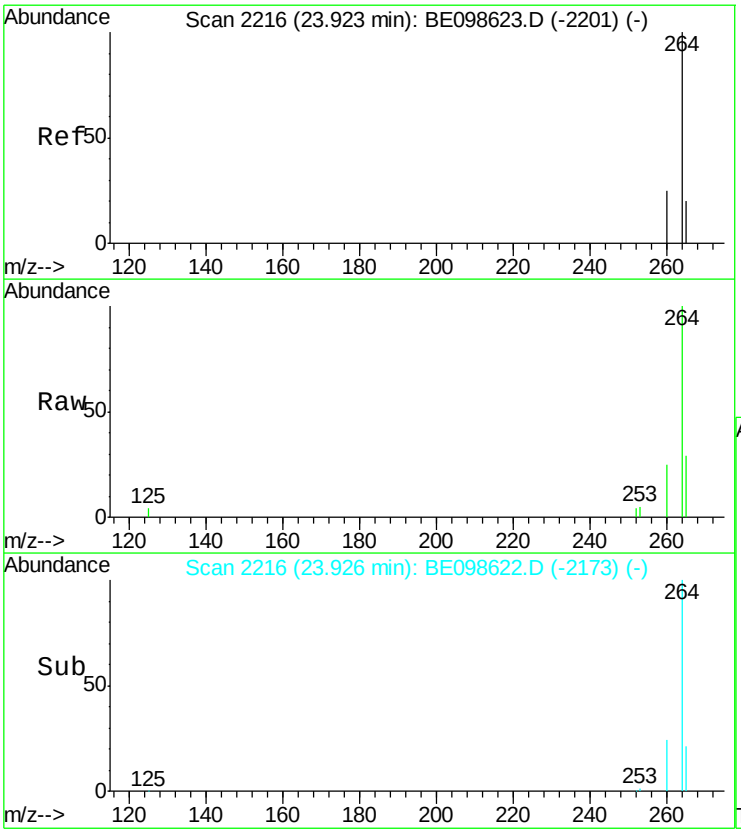
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.201 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5466

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.3	19.9
277	23.5	19.4	29.0

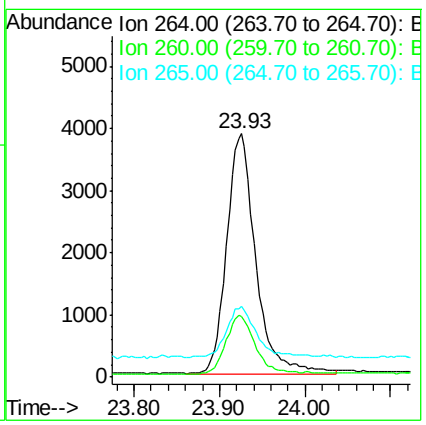


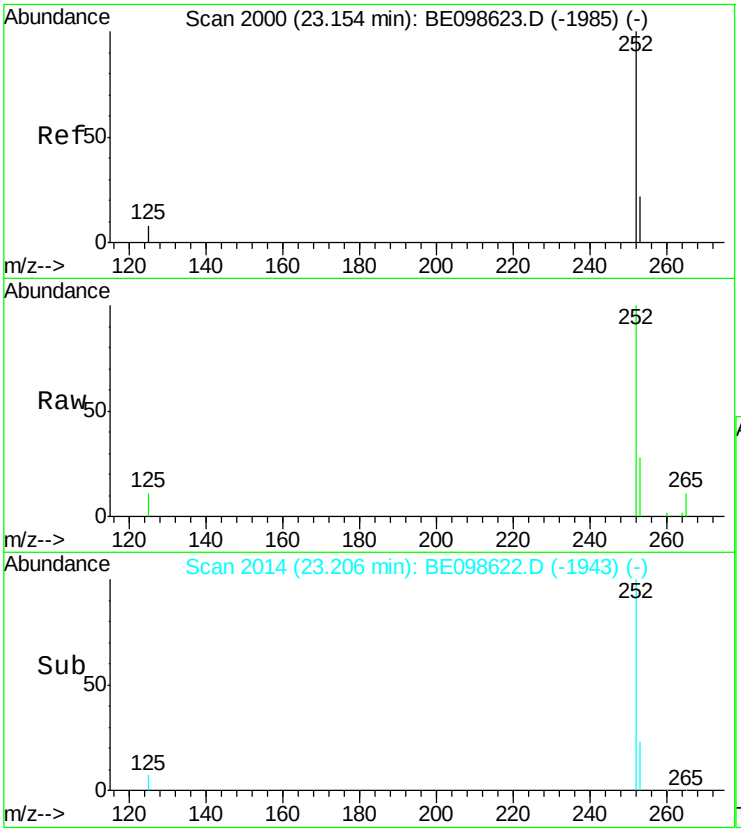


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:264 Resp: 9140

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	29.0	22.3	33.5



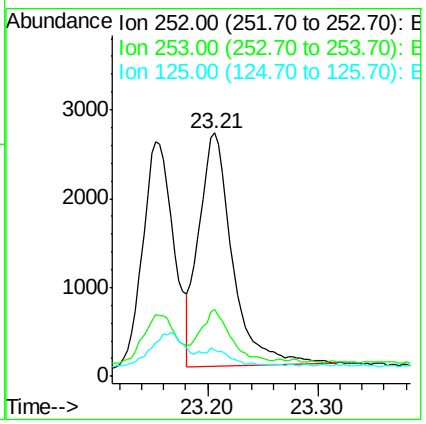


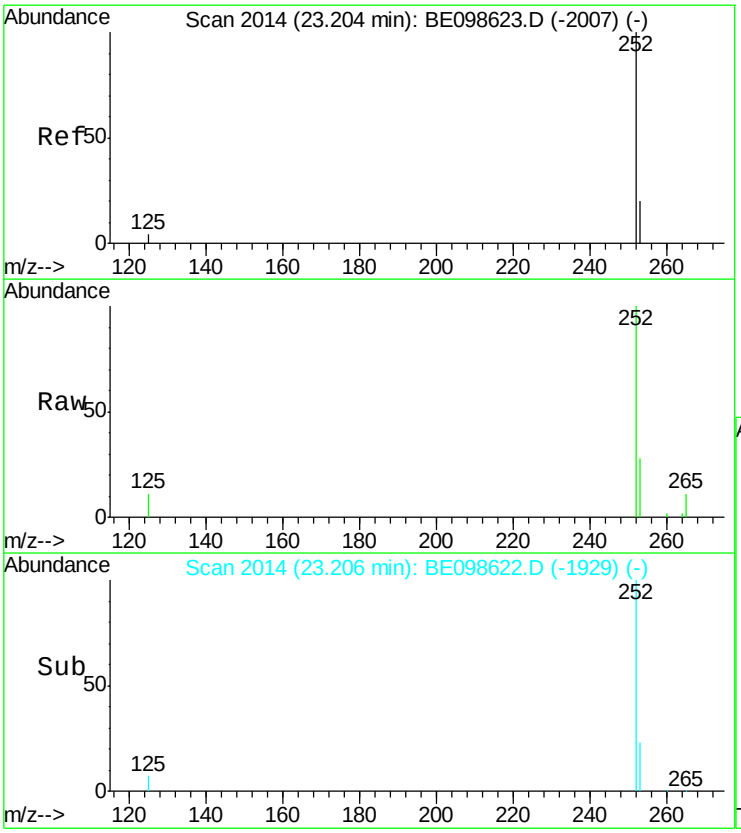
#35
Benzo(b)fluoranthene
Concen: 0.221 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.05 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5524

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.4	29.0
125	10.8	8.2	12.4

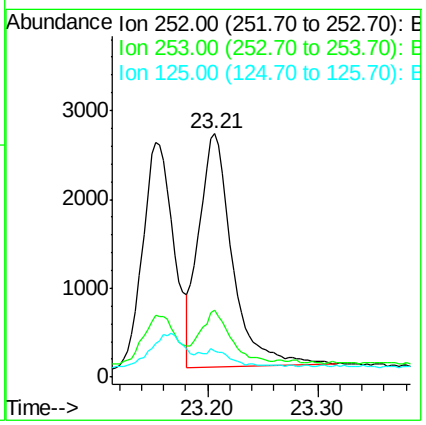


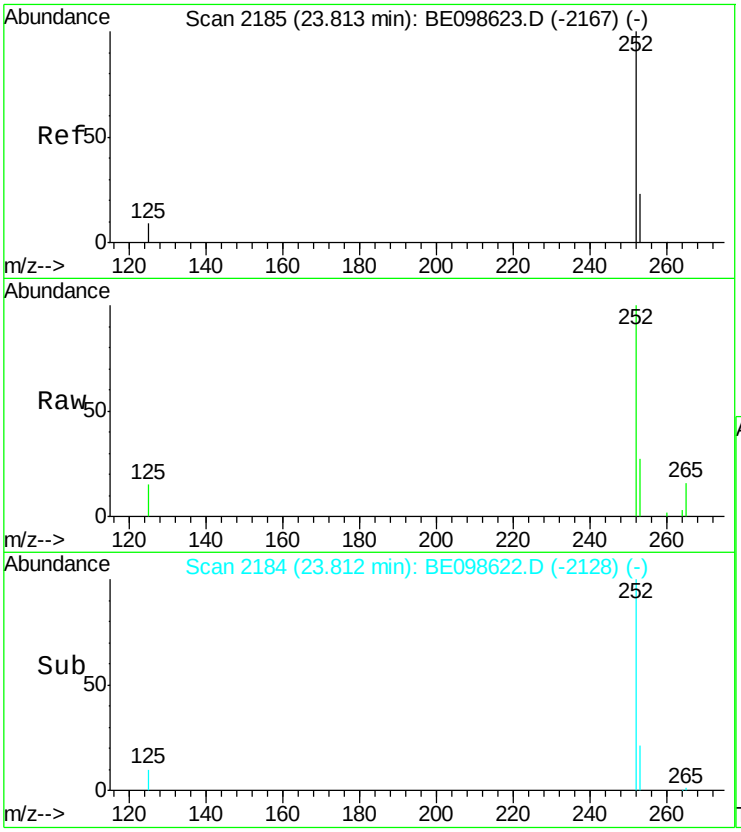


#36
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:252 Resp: 5524

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.0	28.4
125	10.8	7.0	10.4#



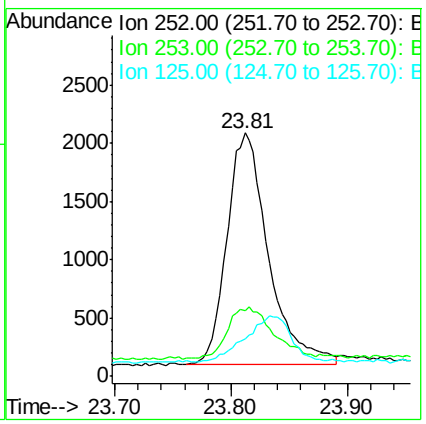


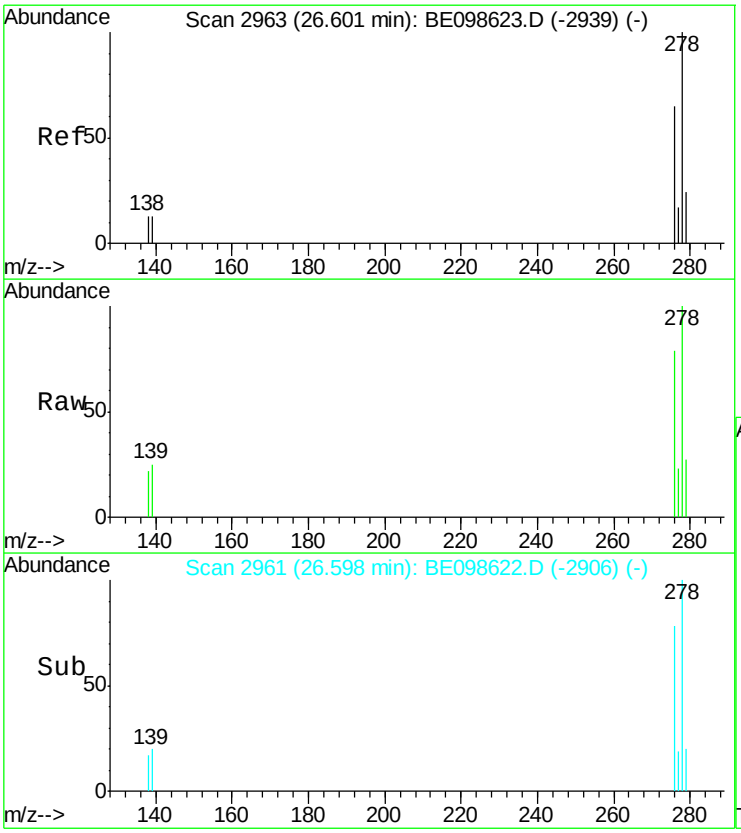
#37
Benzo(a)pyrene
Concen: 0.191 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.2

Tgt Ion:252 Resp: 4914

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.0	31.4
125	15.4	9.2	13.8#

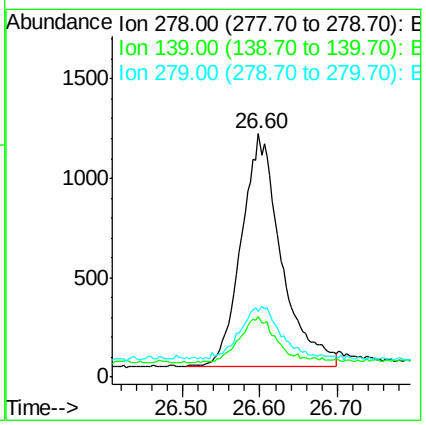


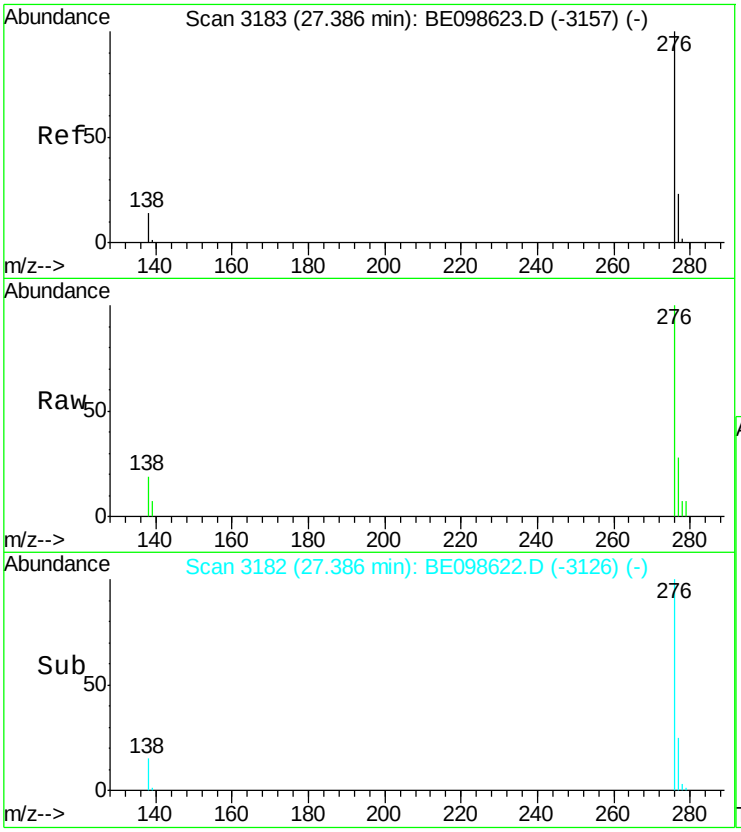


#38
Dibenzo(a,h)anthracene
Concen: 0.172 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Tgt Ion:278 Resp: 4183

Ion	Ratio	Lower	Upper
278	100		
139	24.7	12.7	19.1#
279	26.9	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.198 ng
RT: 27.39 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BE098622.D
Acq: 15 Jan 2019 11:32

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4842

Ion	Ratio	Lower	Upper
276	100		
277	27.8	20.3	30.5
138	18.6	13.3	19.9