Quantitation Report (Not Reviewed)

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

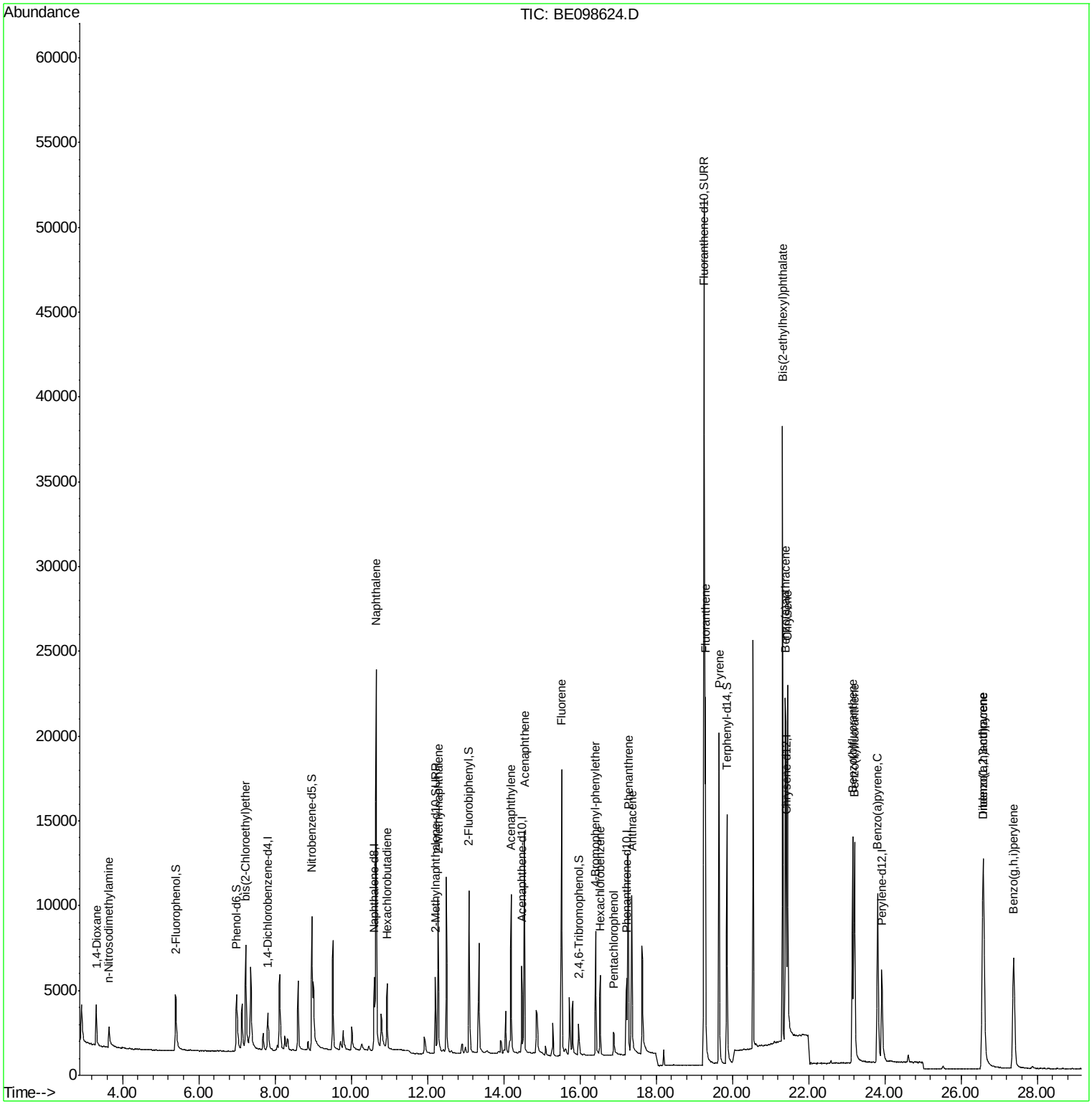
(#) = qualifier out of range (m) = manual integration (+) = signals summed

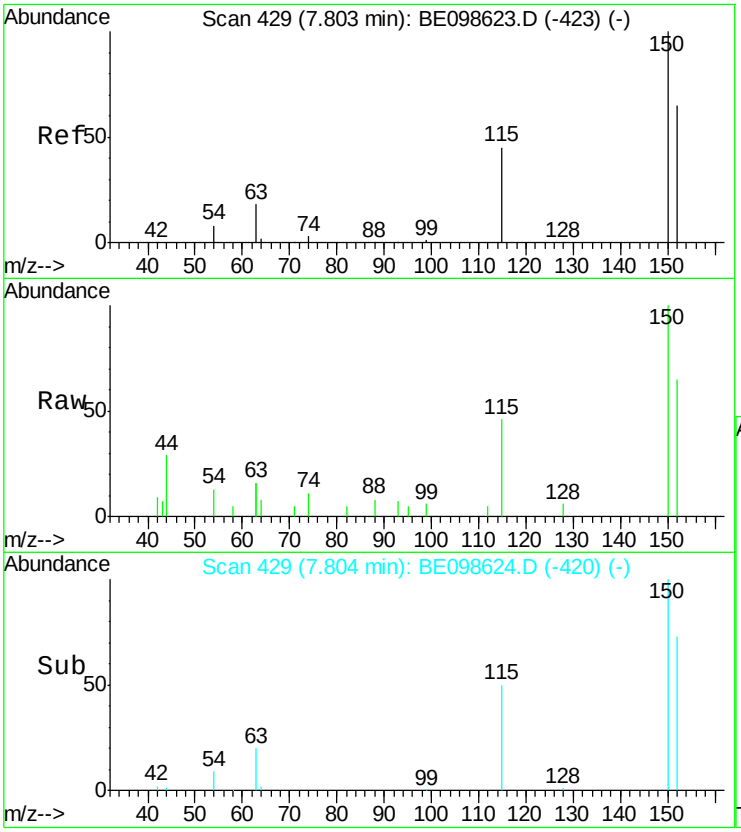
Quantitation Report (Not Reviewed)

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



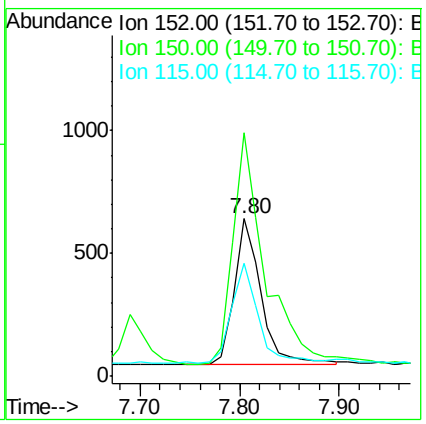


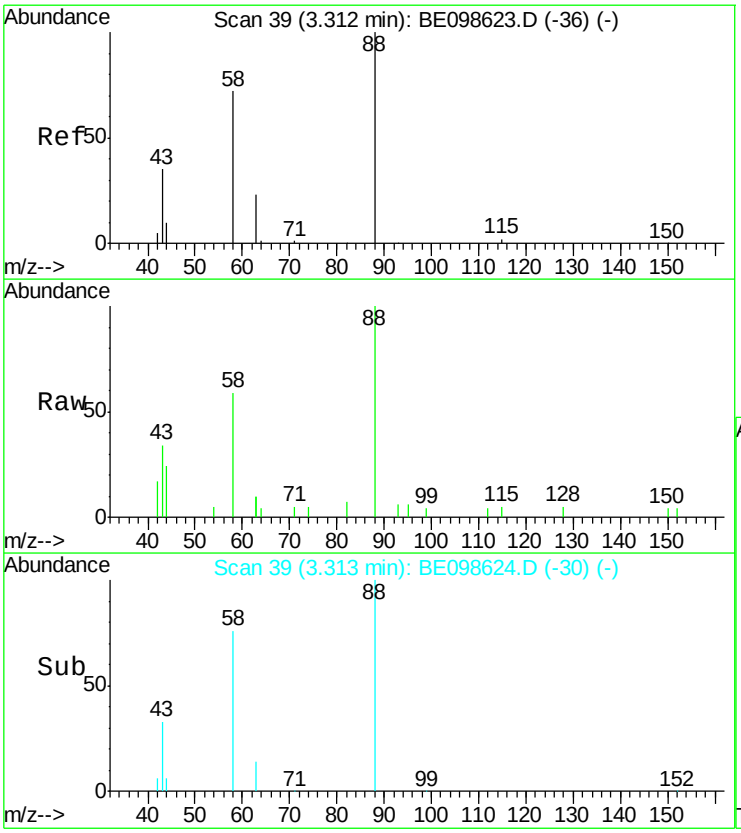
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

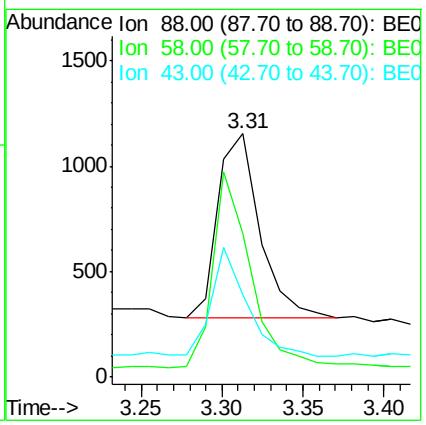


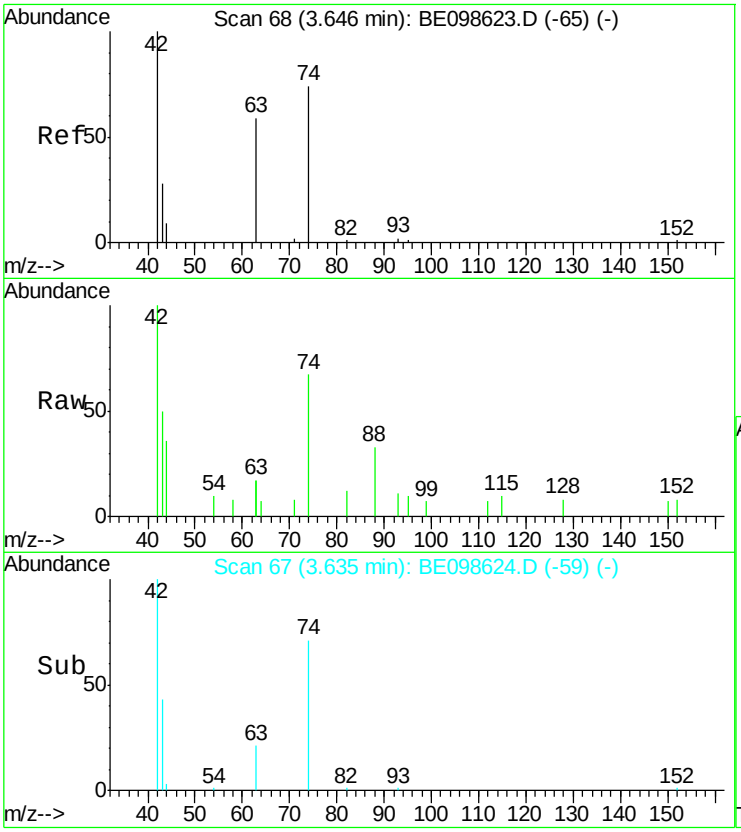


#2
1,4-Dioxane
Concen: 0.815 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



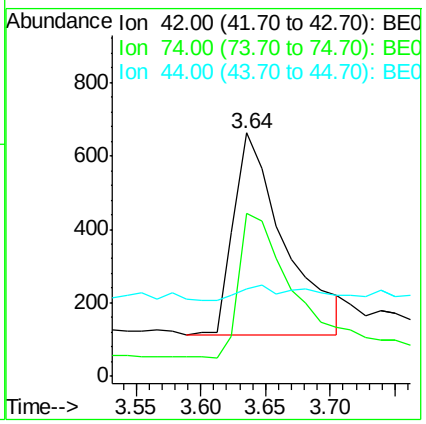


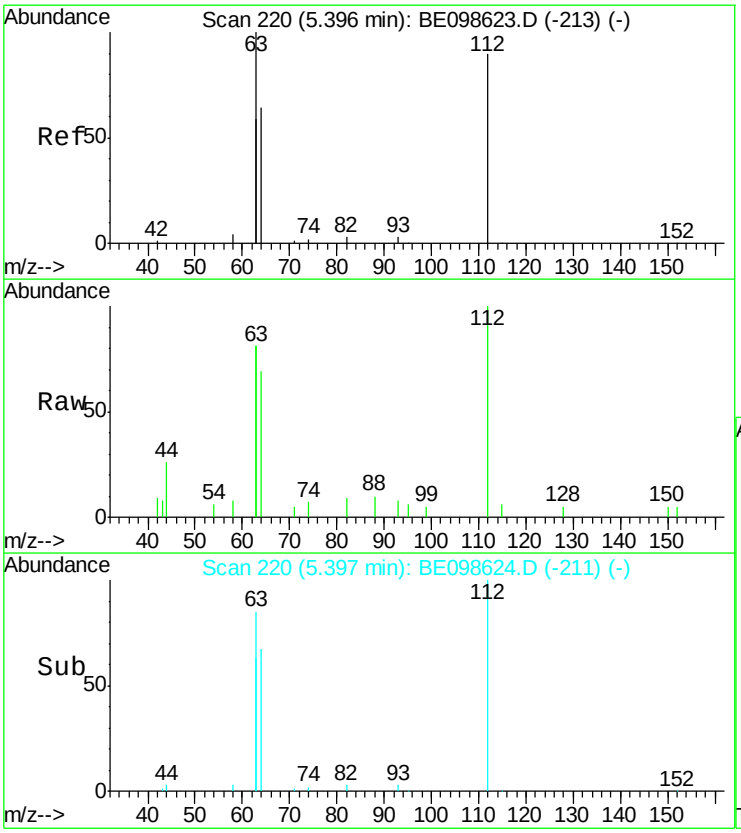
#3
n-Nitrosodimethylamine
Concen: 0.865 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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#

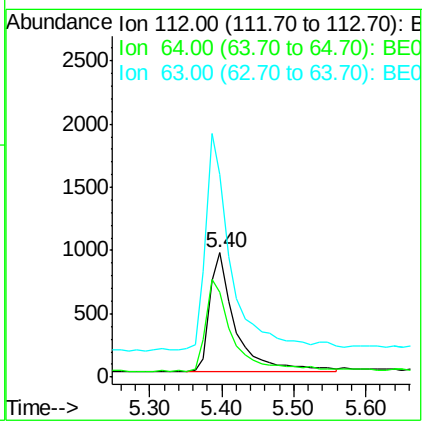


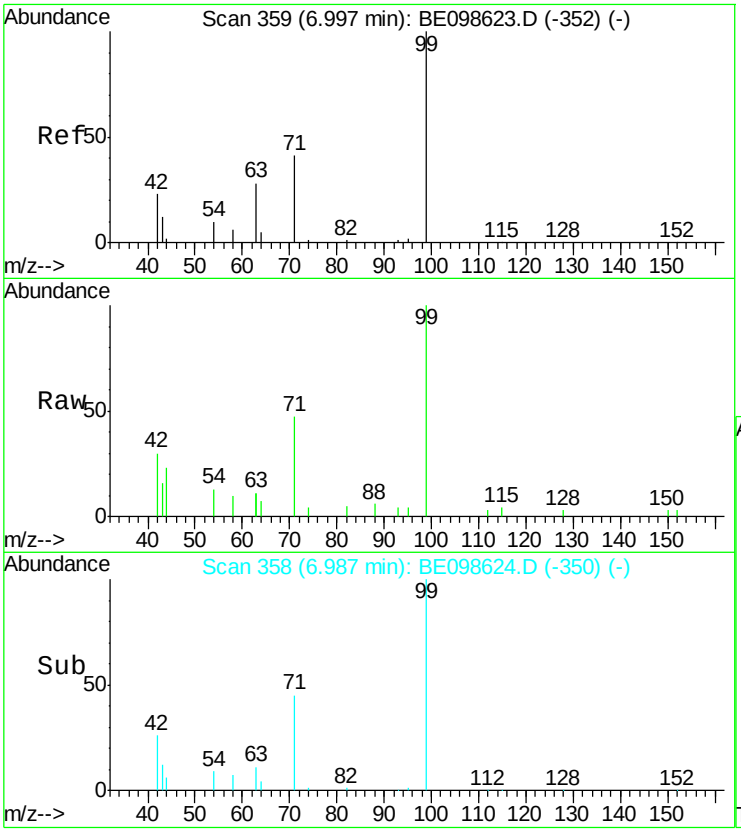


#4
2-Fluorophenol
Concen: 0.887 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



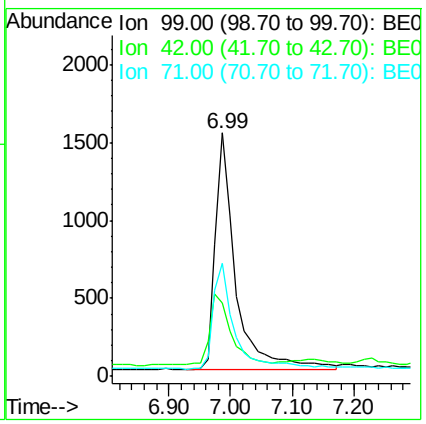


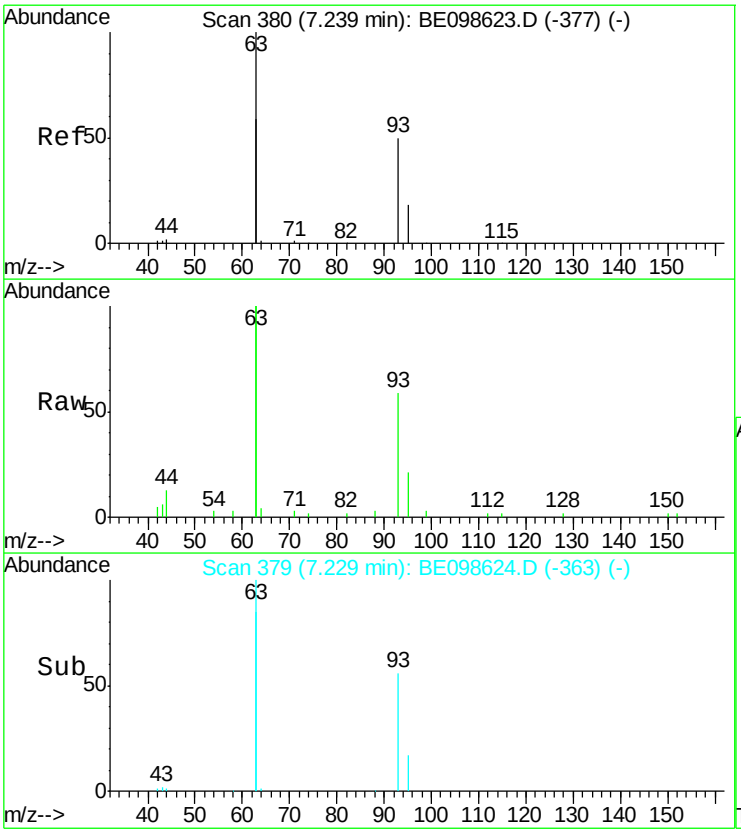
#5
Phenol-d6
Concen: 0.927 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

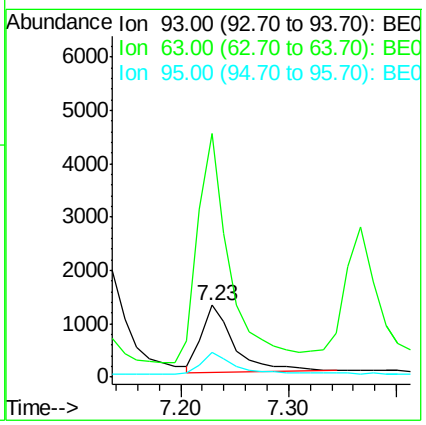


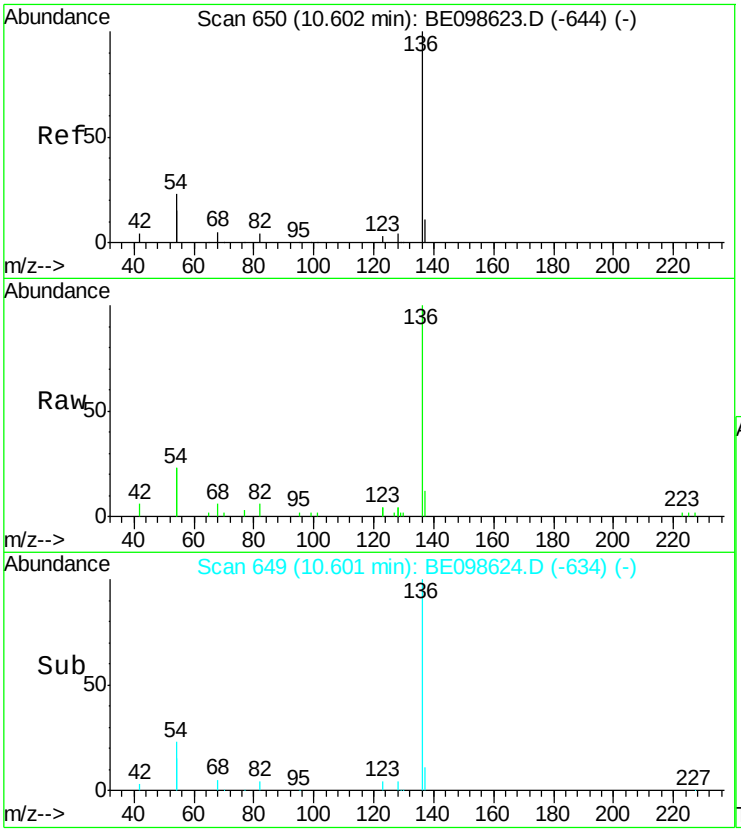


#6
bis(2-Chloroethyl)ether
Concen: 0.758 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



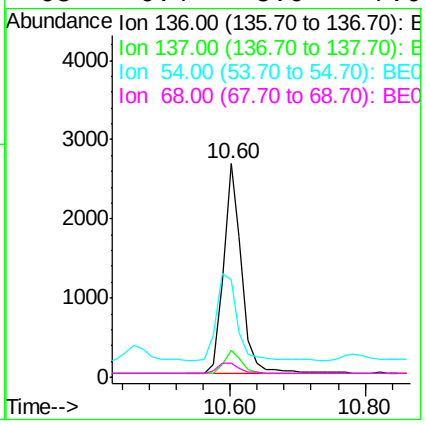


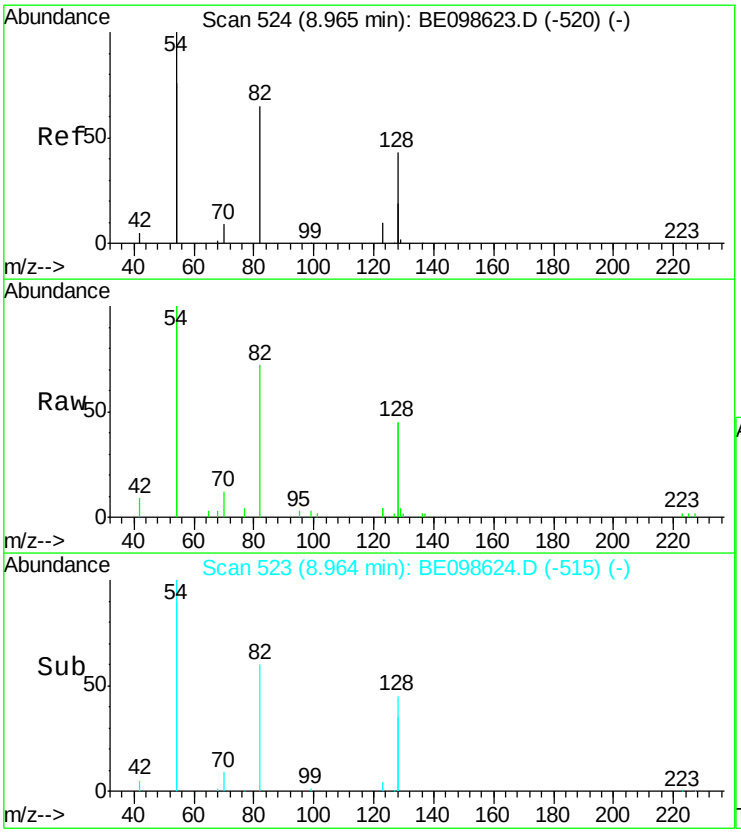
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.8

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

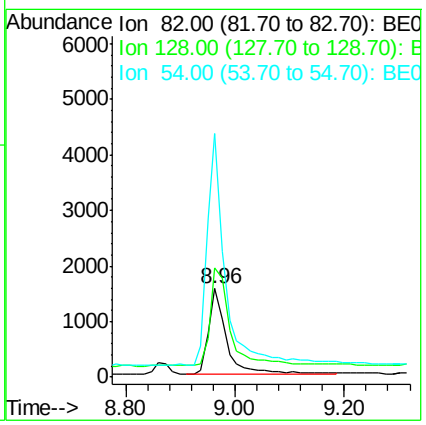


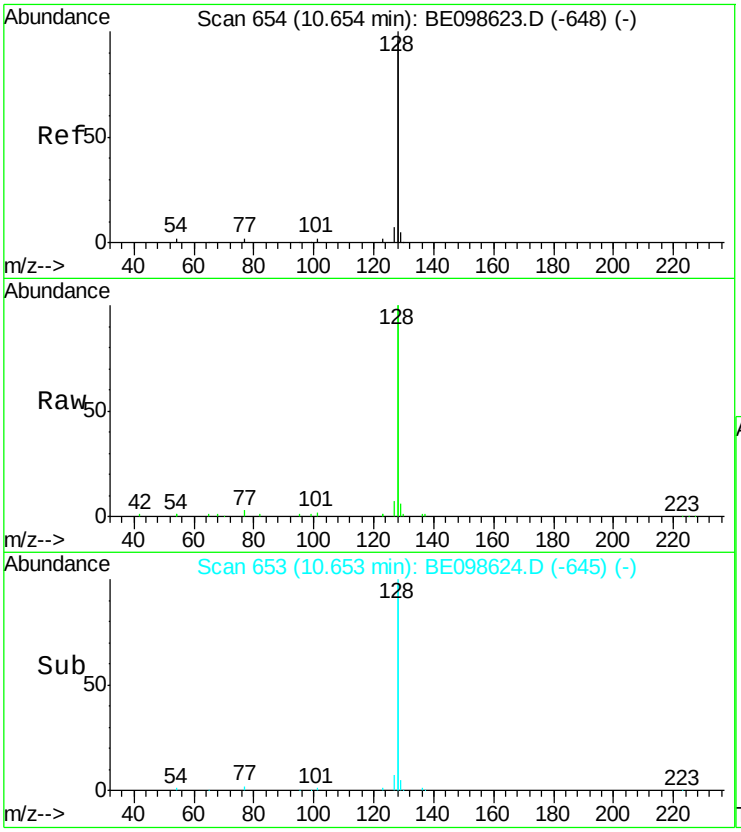


#8
Nitrobenzene-d5
Concen: 0.780 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



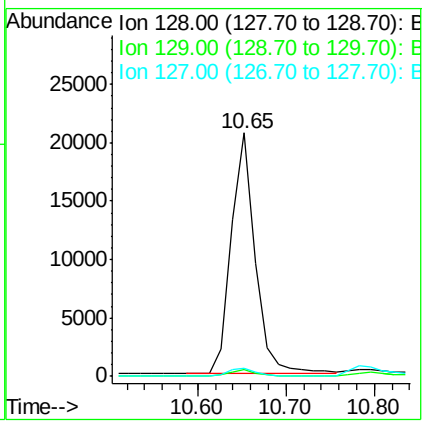


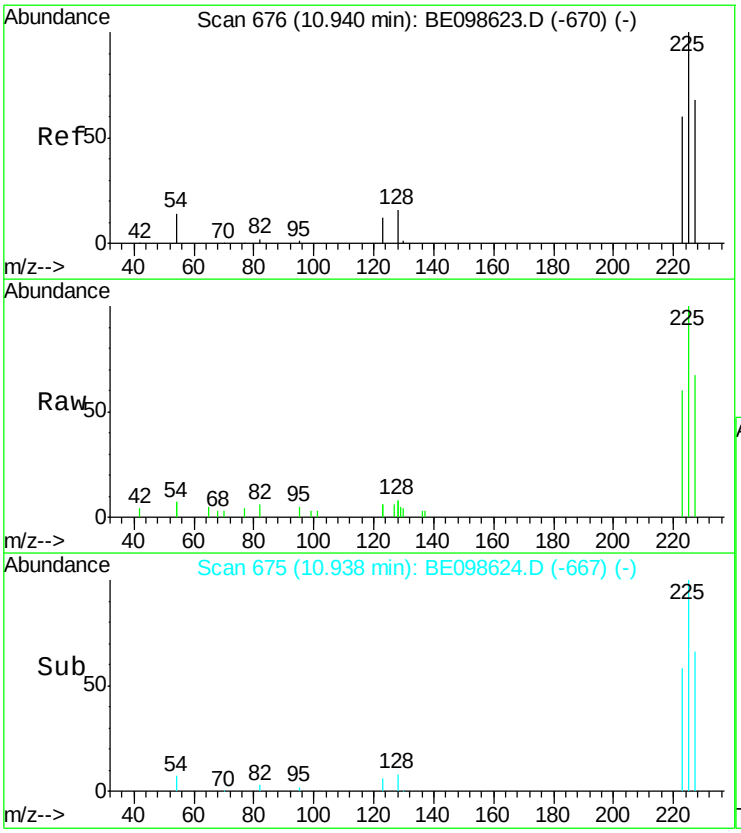
#9
Naphthalene
Concen: 0.771 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

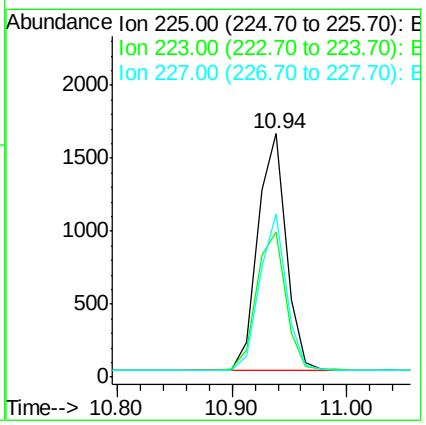


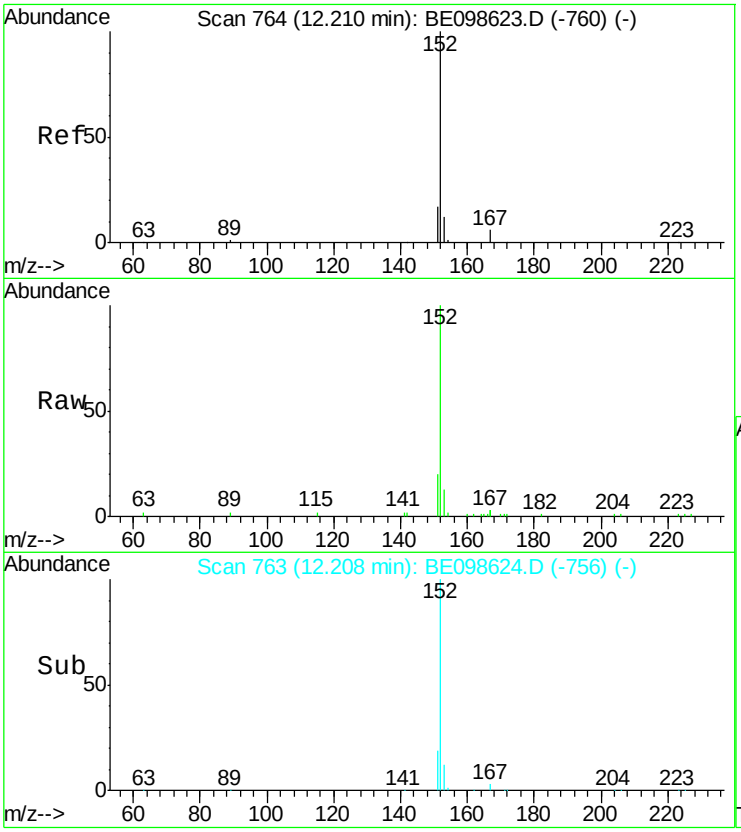


#10
Hexachlorobutadiene
Concen: 0.869 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



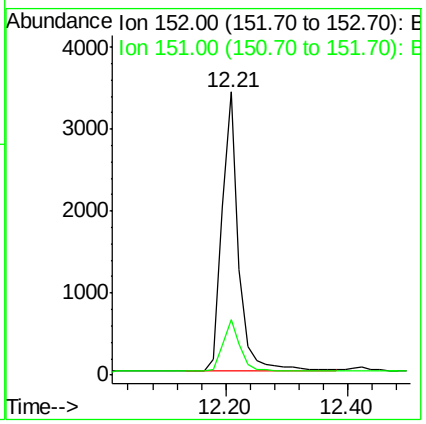


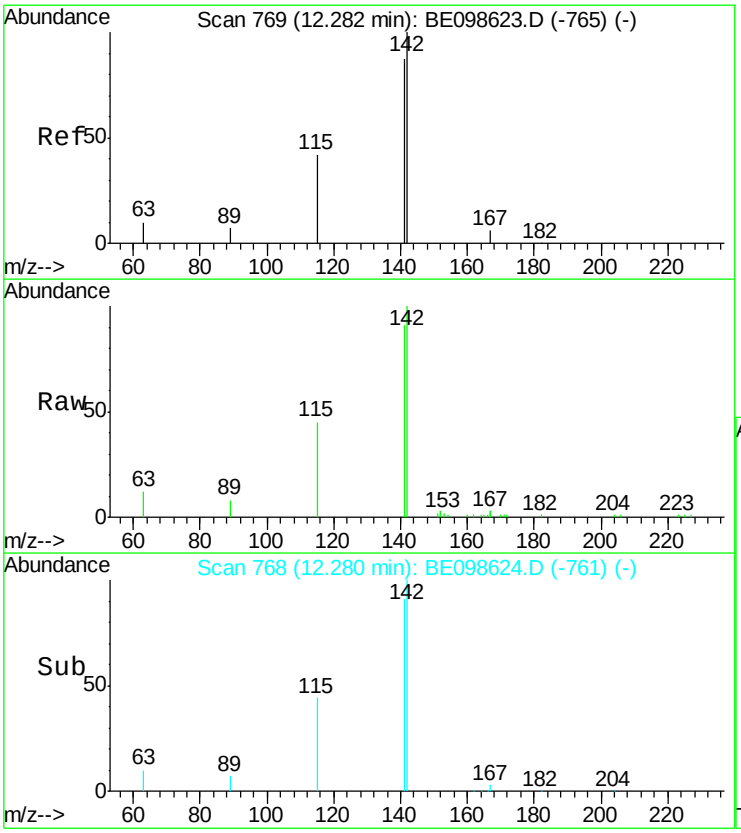
#11
2-Methylnaphthalene-d10
Concen: 0.803 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6603

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

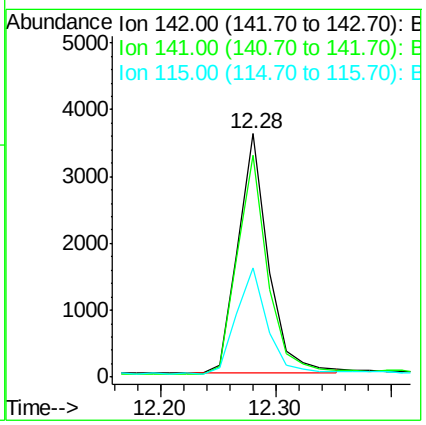


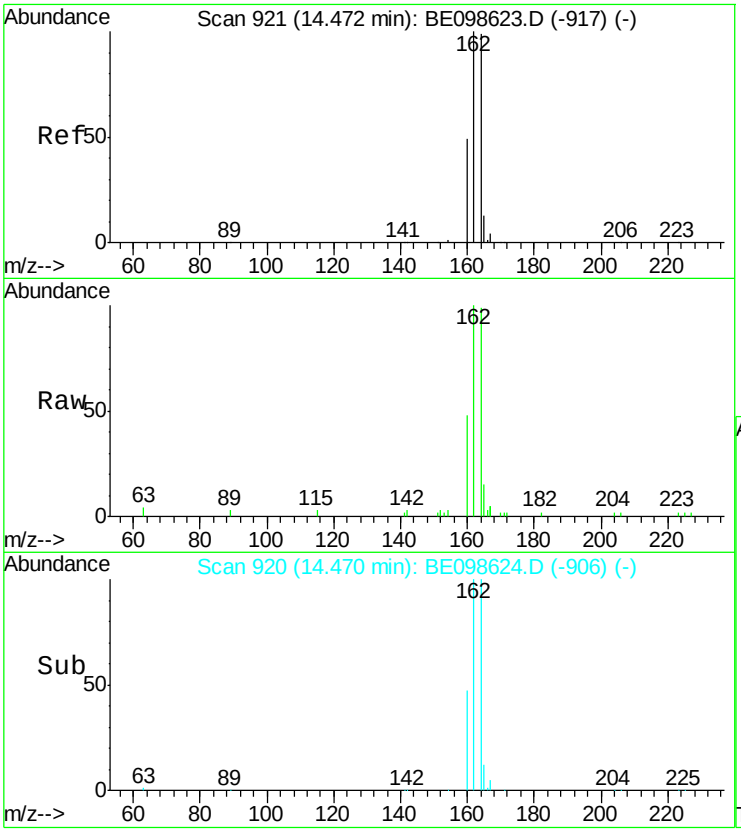


#12
2-Methylnaphthalene
Concen: 0.801 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



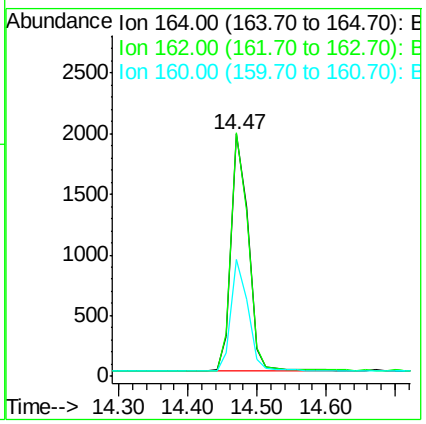


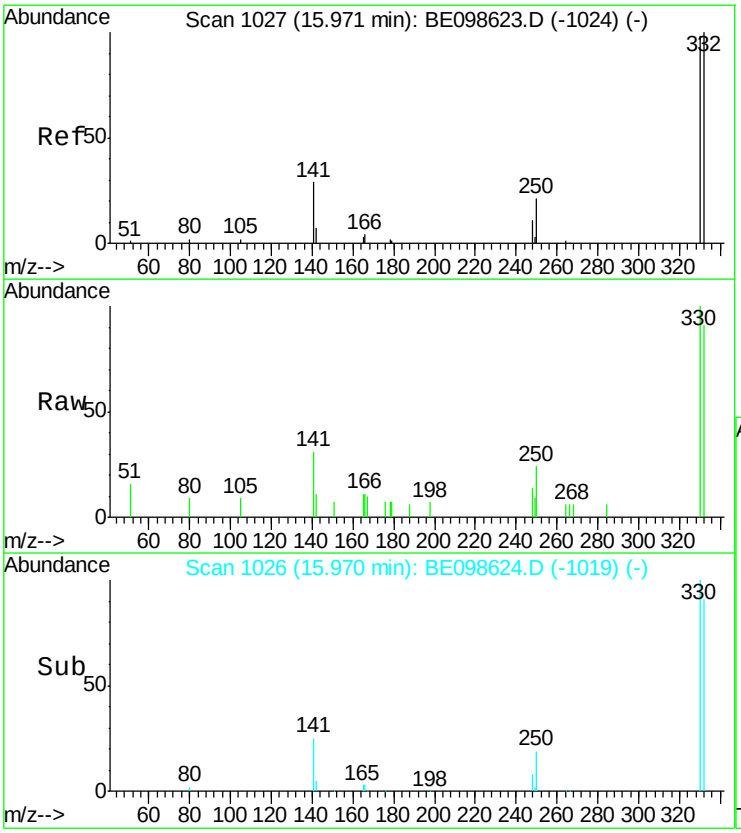
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

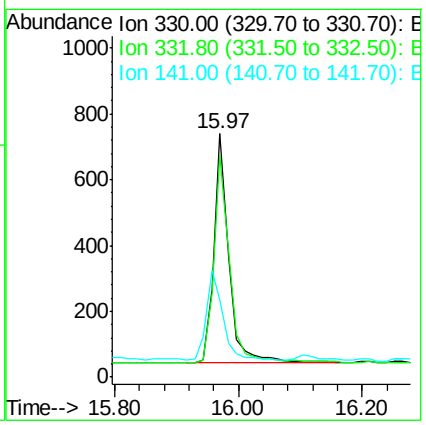


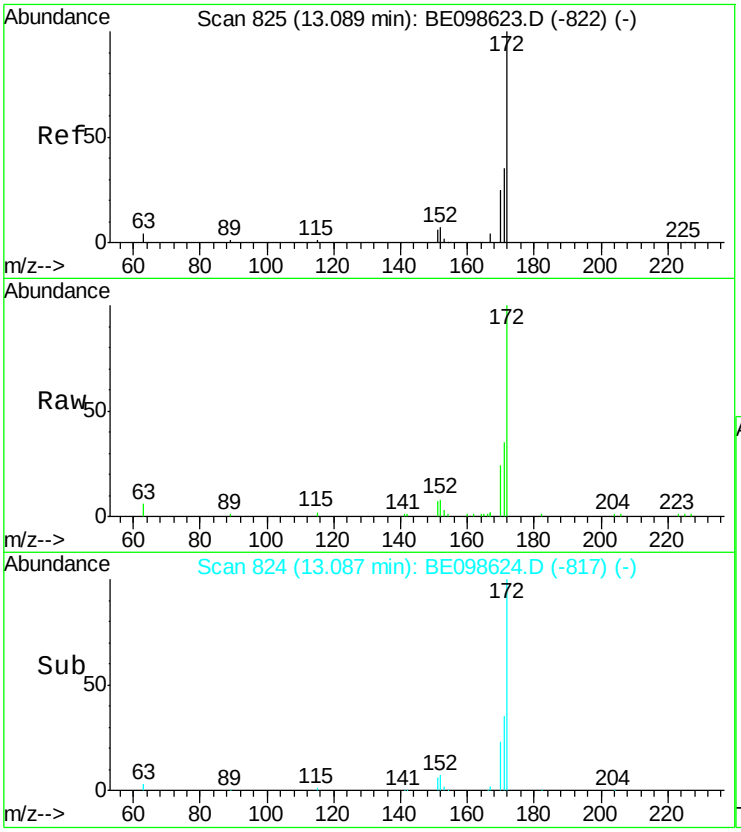


#14
2,4,6-Tribromophenol
Concen: 0.961 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



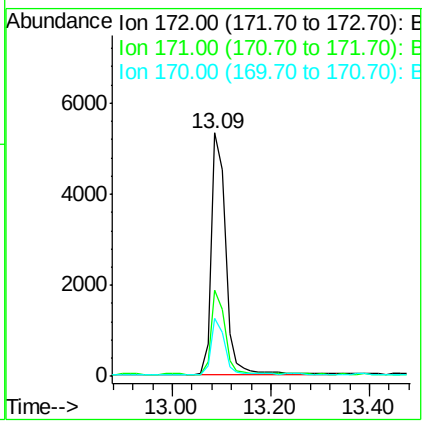


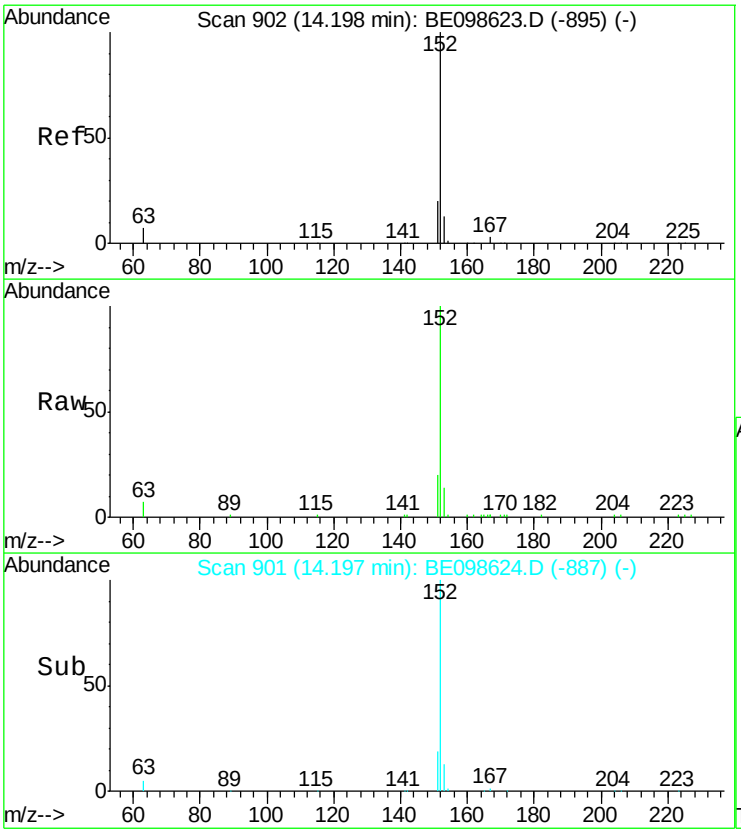
#15
2-Fluorobiphenyl
Concen: 0.749 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.8

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

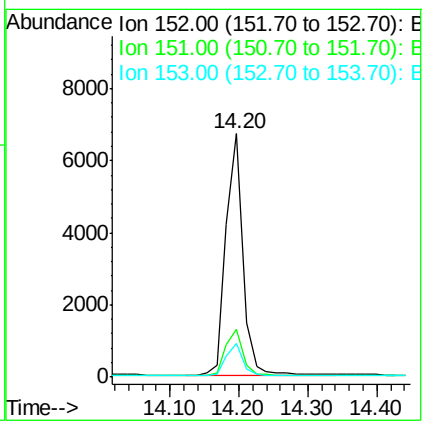


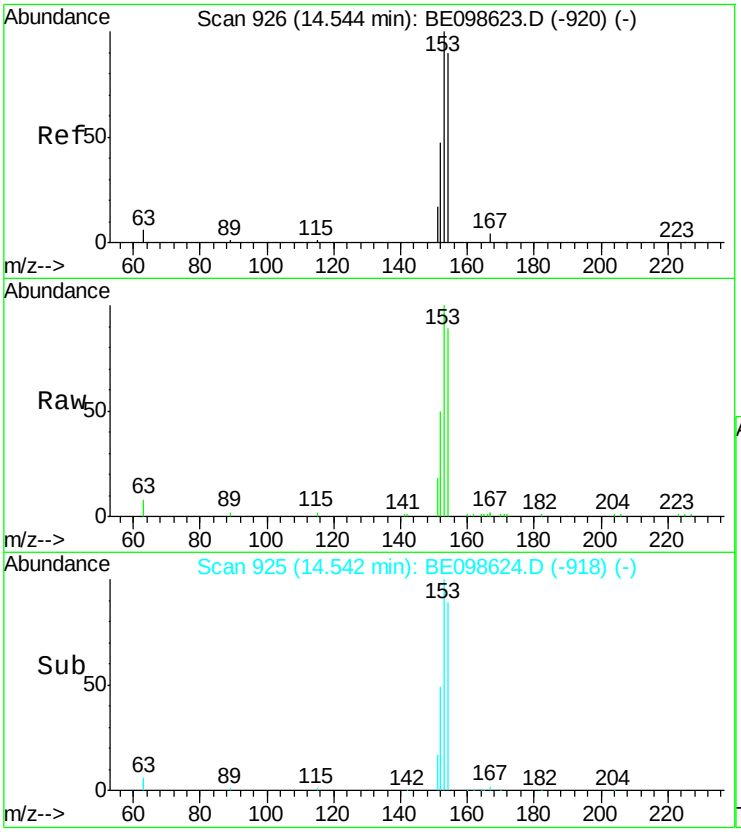


#16
Acenaphthylene
Concen: 0.733 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



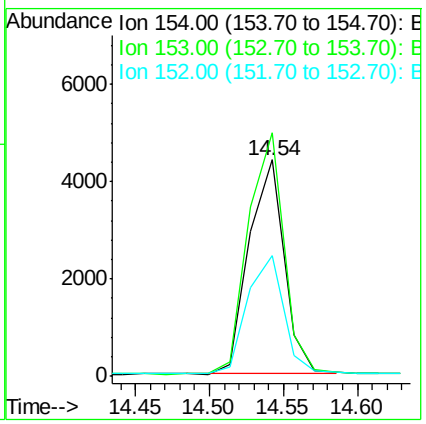


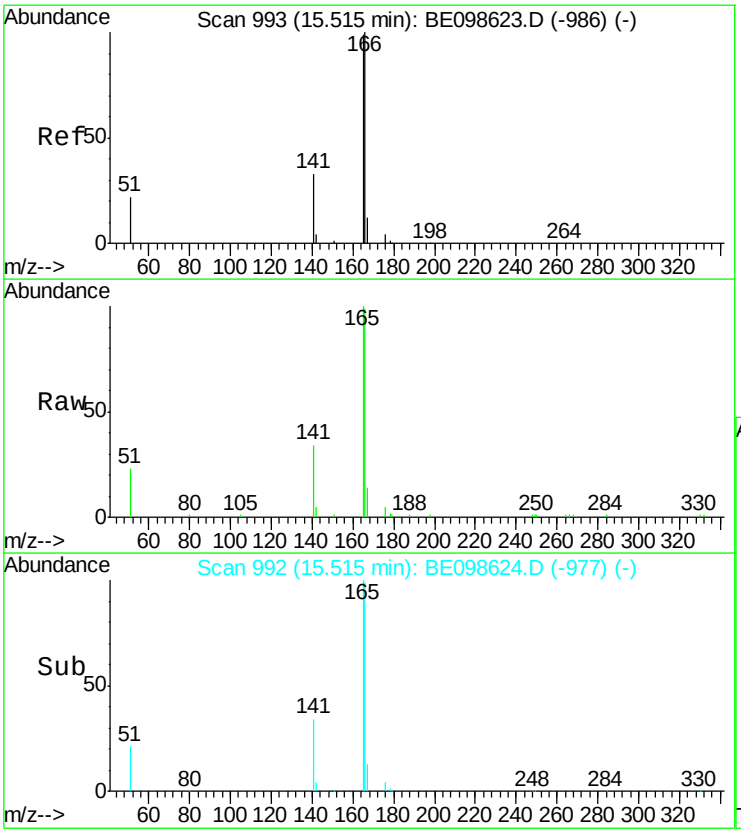
#17
Acenaphthene
Concen: 0.773 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

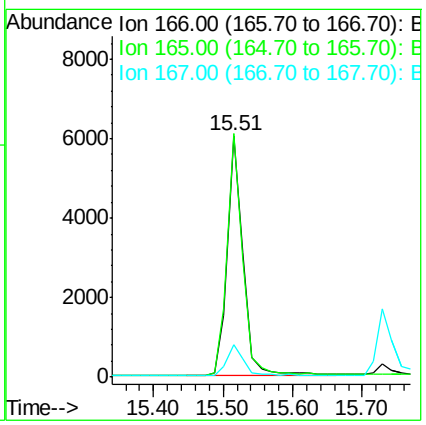


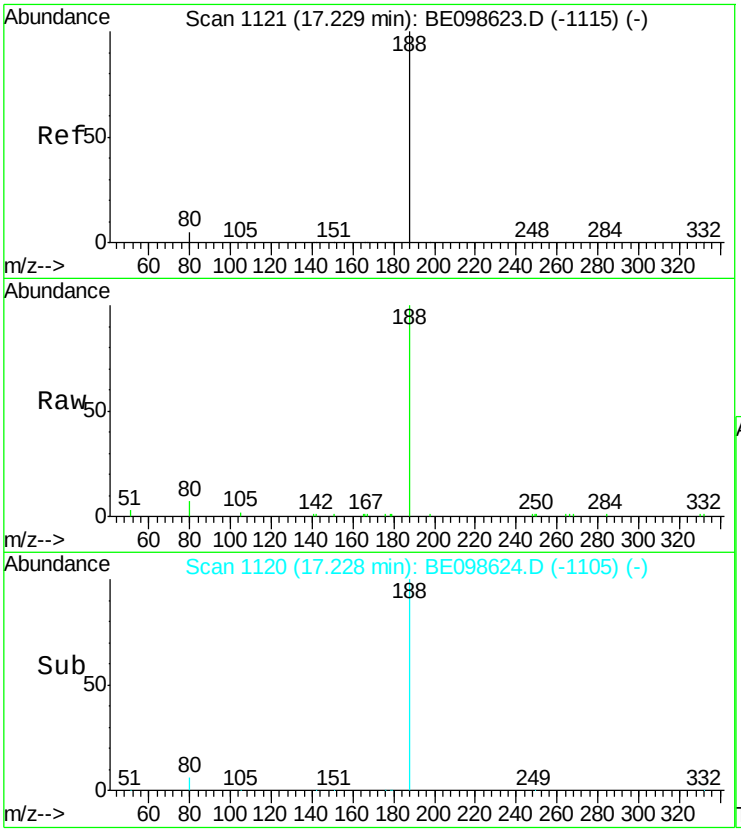


#18
Fluorene
Concen: 0.744 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



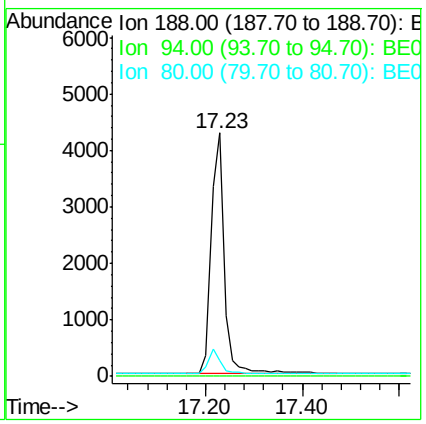


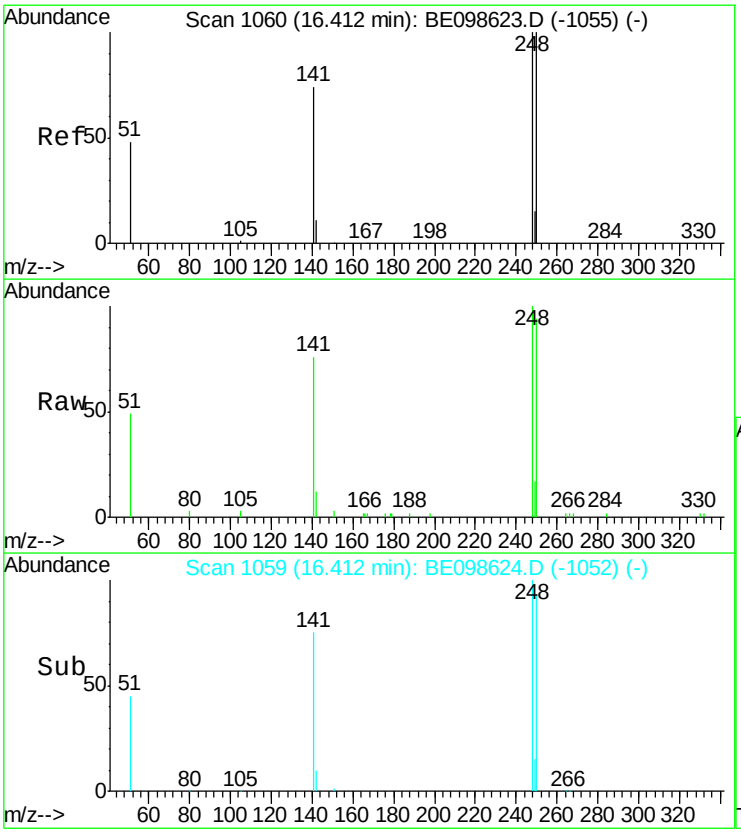
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

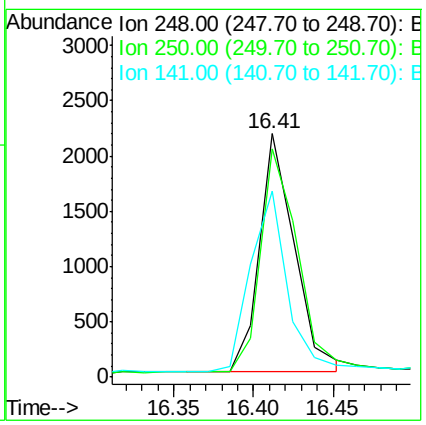


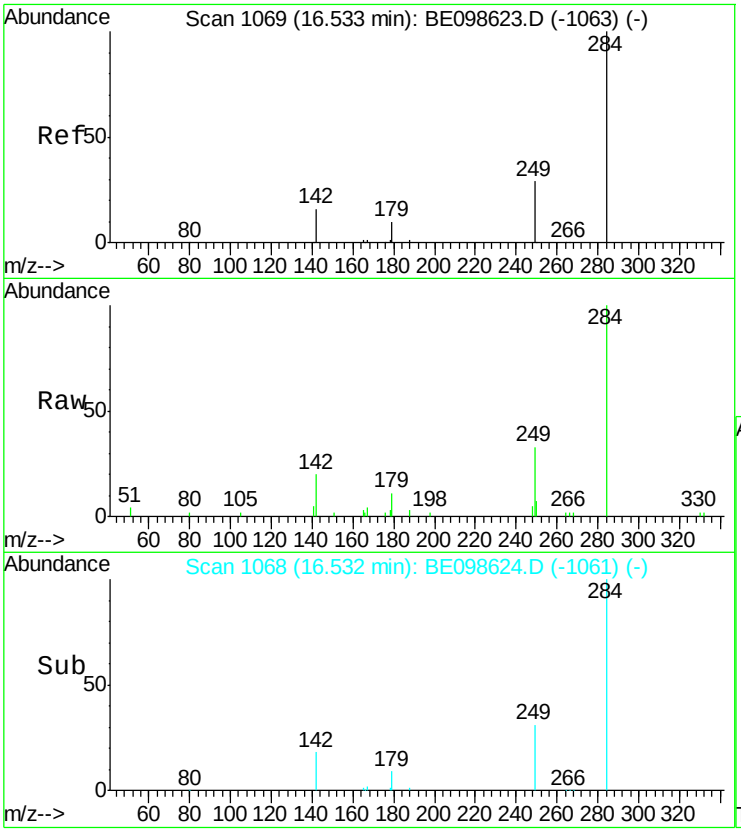


#20
4-Bromophenyl-phenylether
Concen: 0.786 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



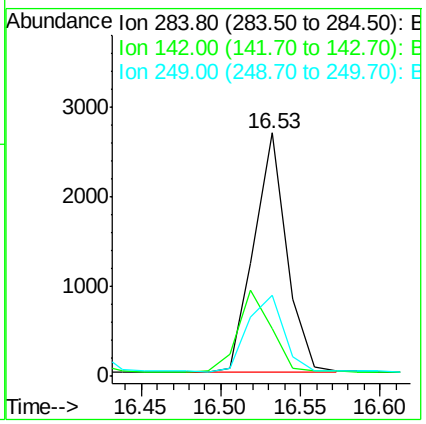


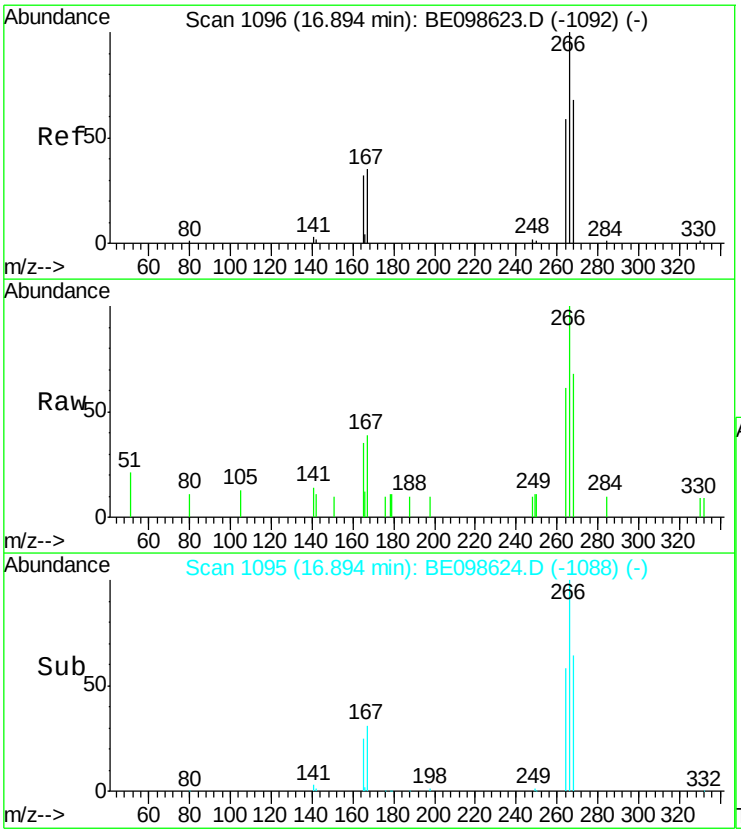
#21
Hexachlorobenzene
Concen: 0.849 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

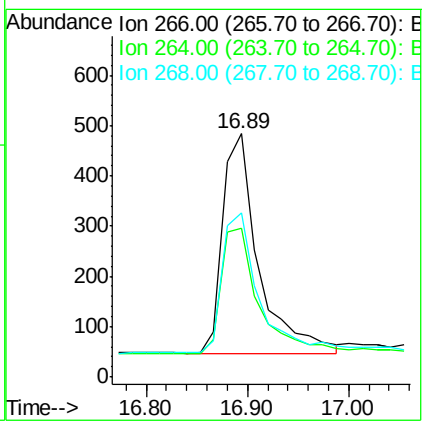


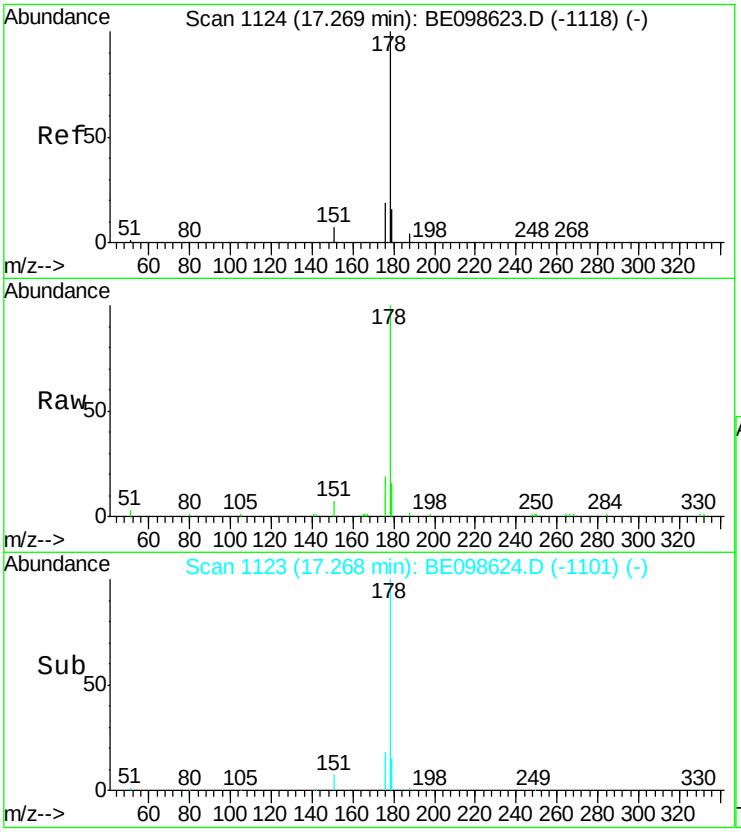


#22
Pentachlorophenol
Concen: 1.197 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



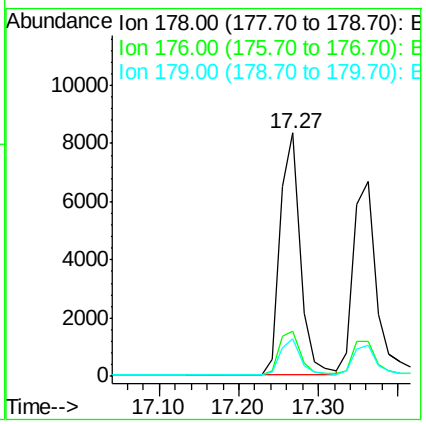


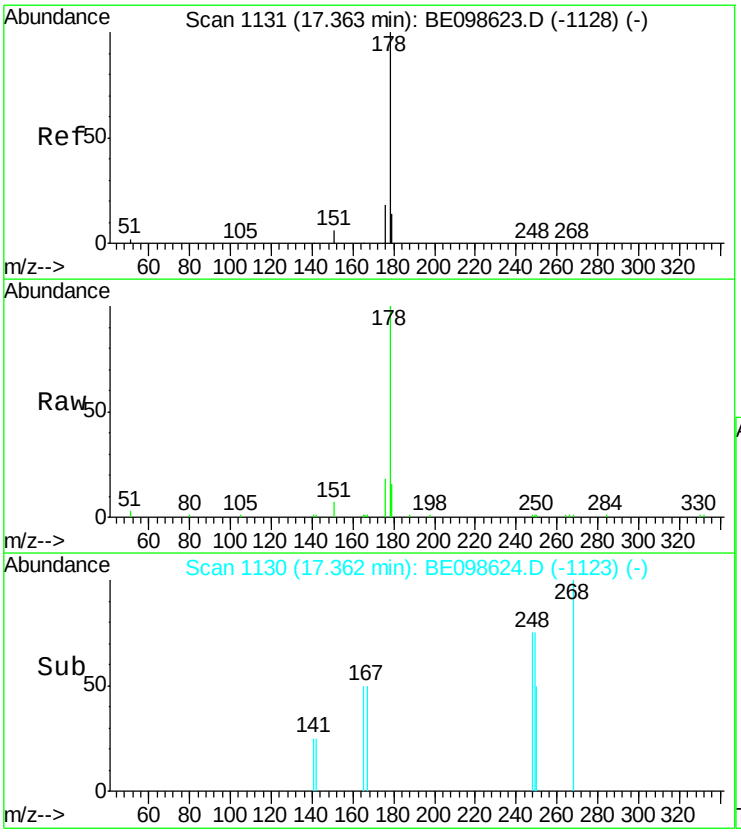
#23
Phenanthrene
Concen: 0.770 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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

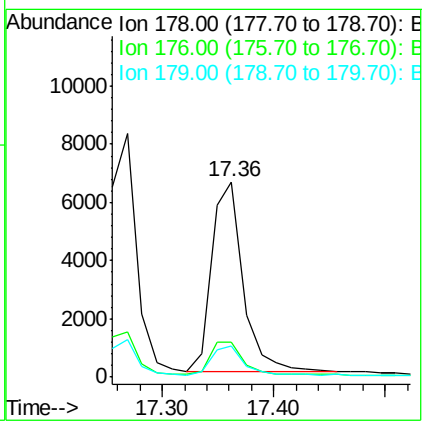


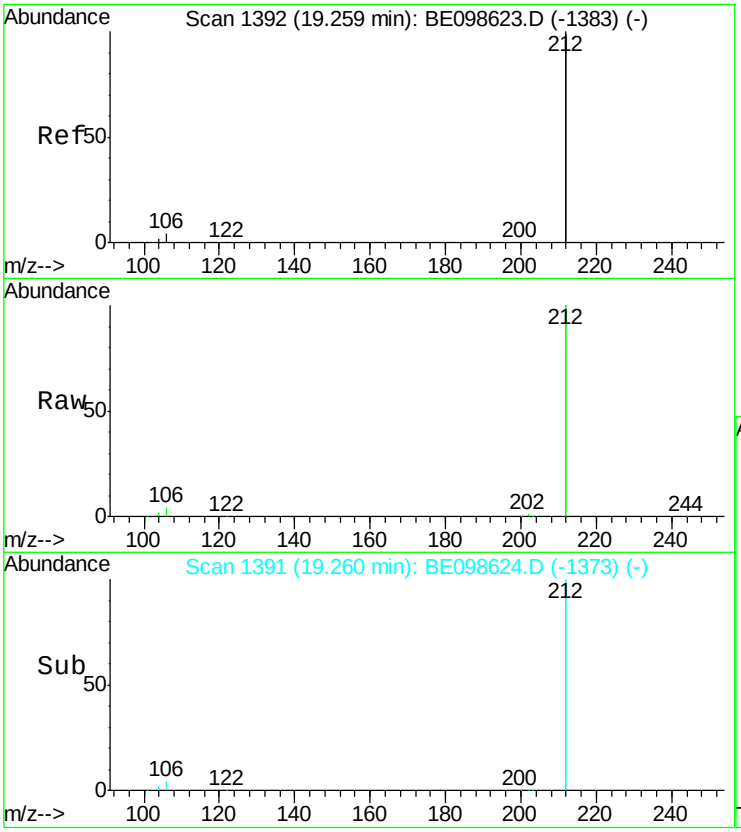


#24
Anthracene
Concen: 0.742 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



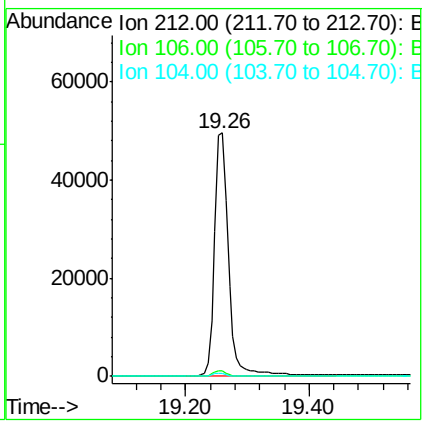


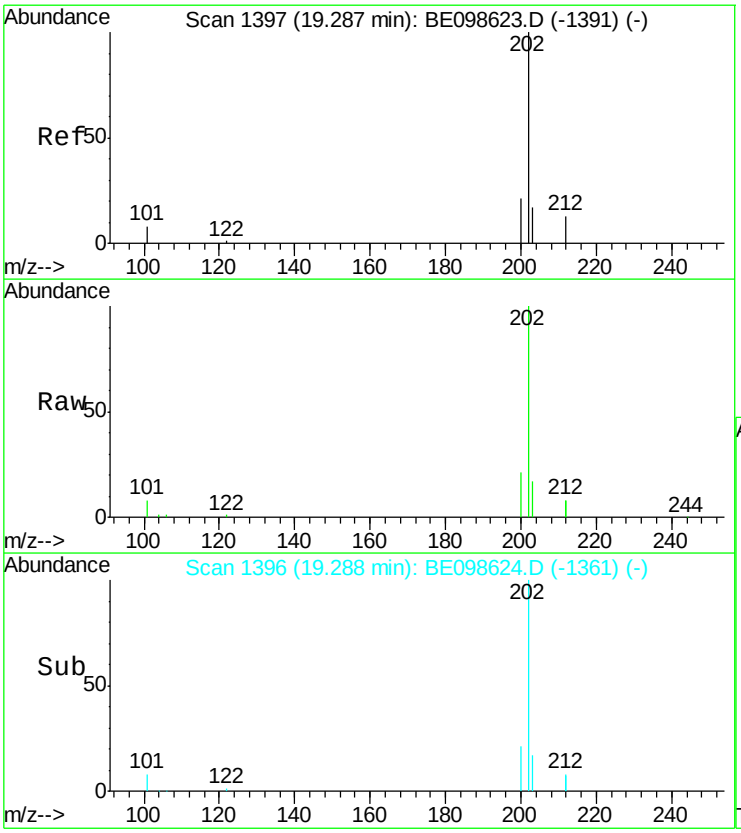
#25
Fluoranthene-d10
Concen: 0.755 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

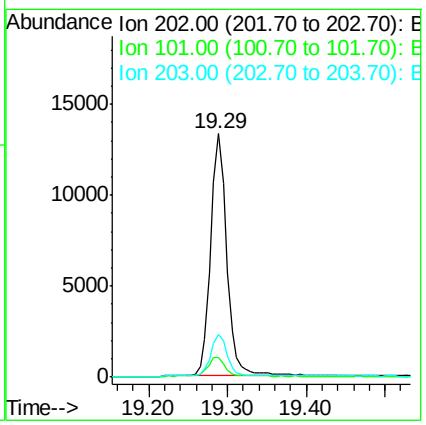


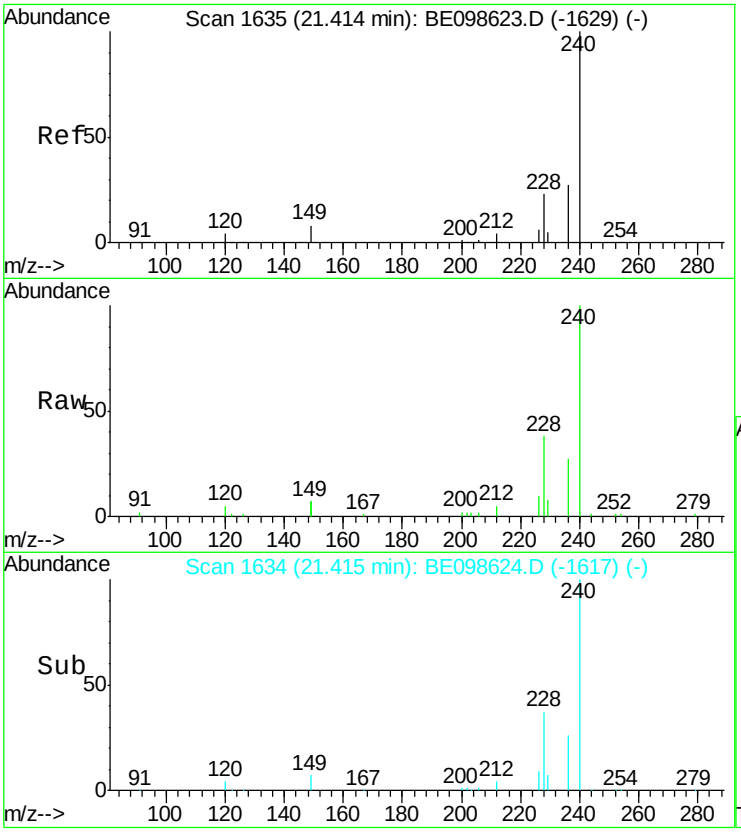


#26
Fluoranthene
Concen: 0.746 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



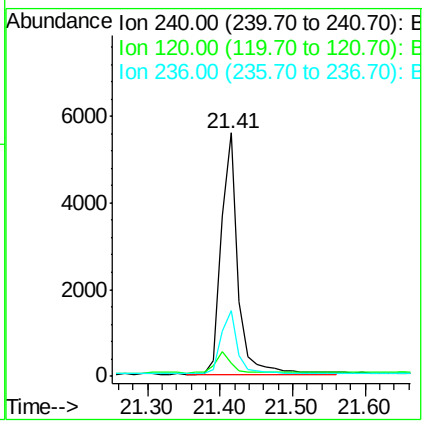


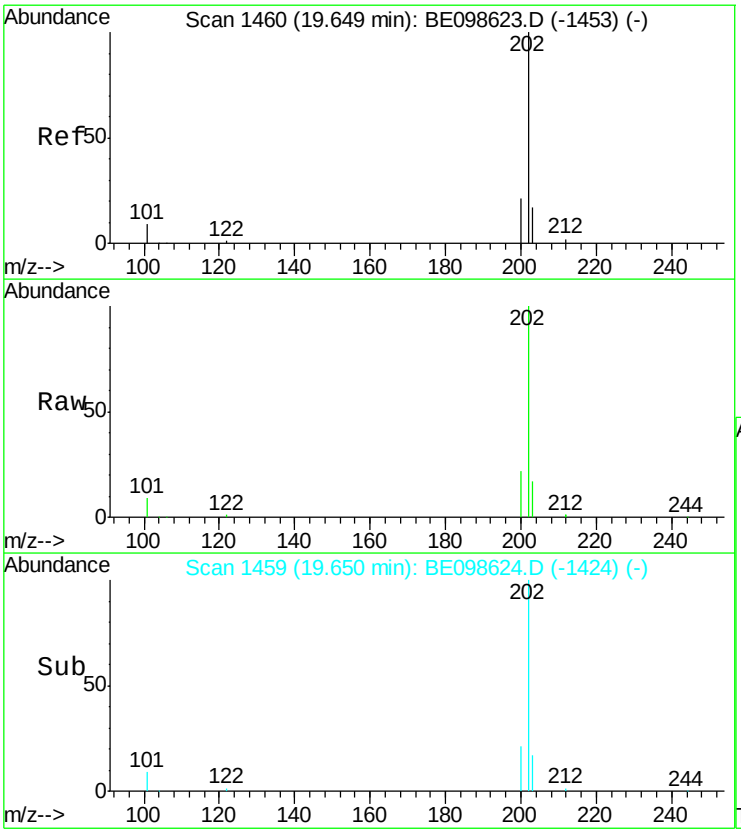
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument : MSVOA_W
ClientSampleId : SSTDICC0.8

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

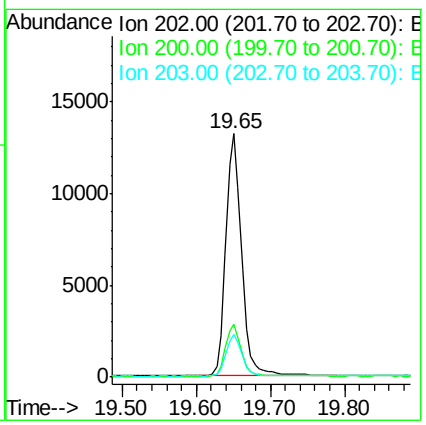


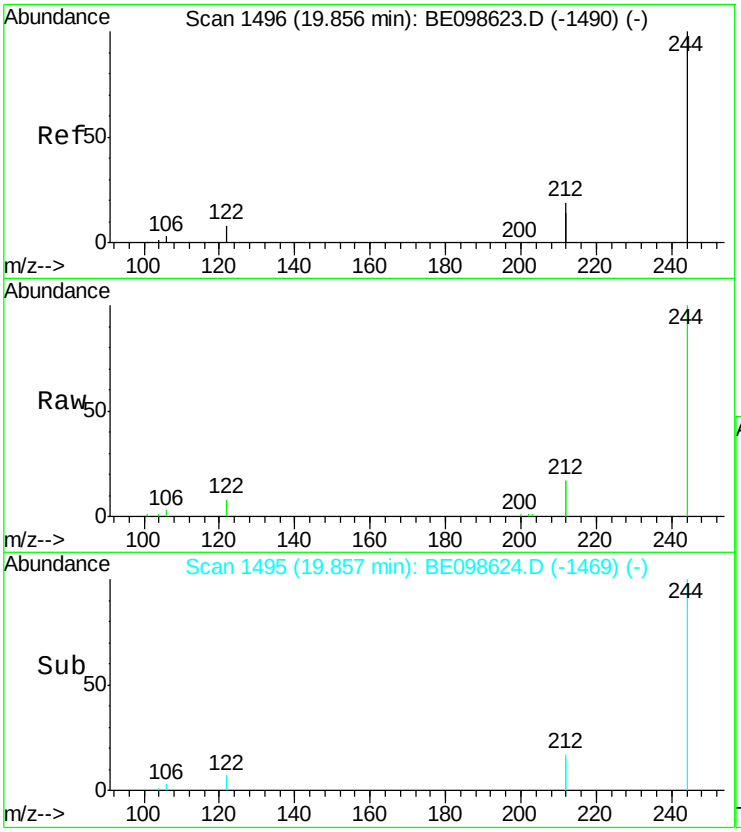


#28
Pyrene
Concen: 0.686 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



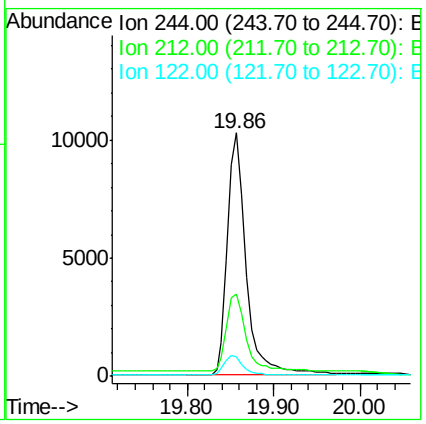


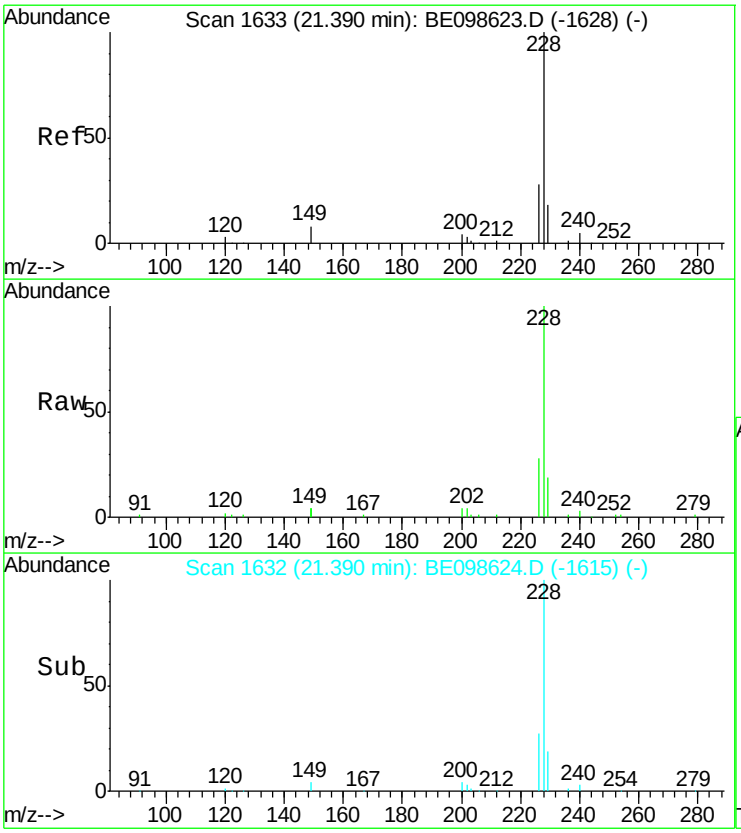
#29
Terphenyl-d14
Concen: 0.698 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

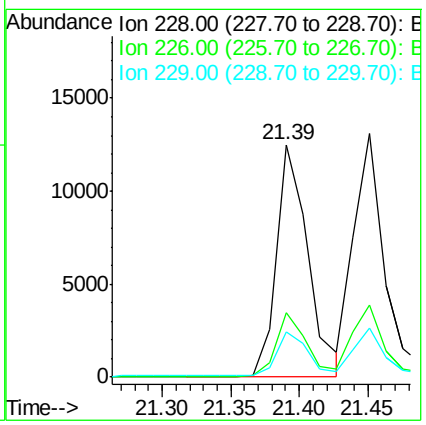


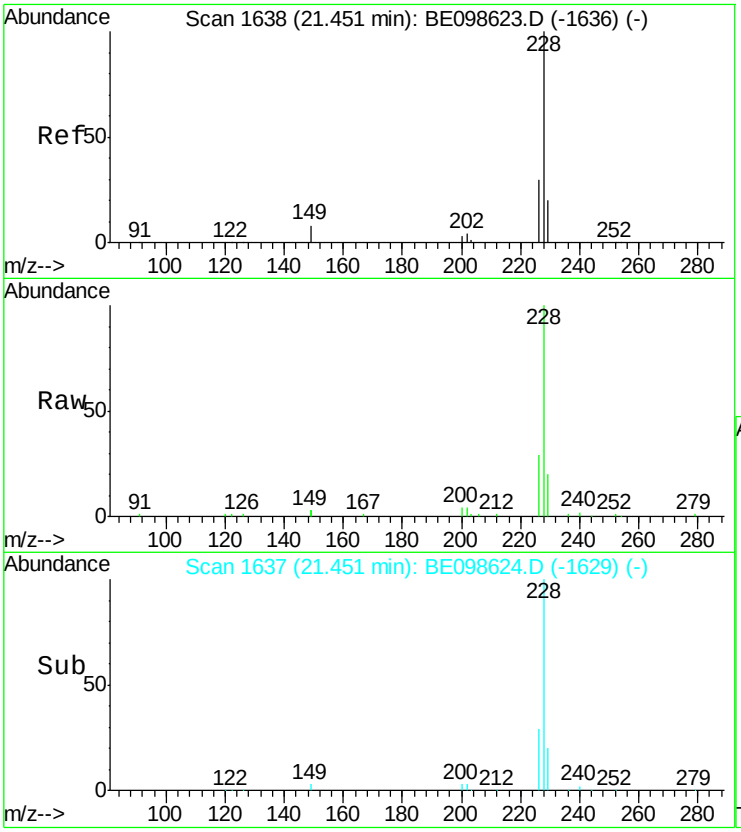


#30
Benzo(a)anthracene
Concen: 0.760 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



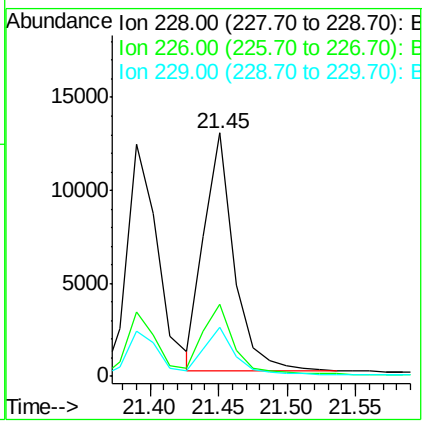


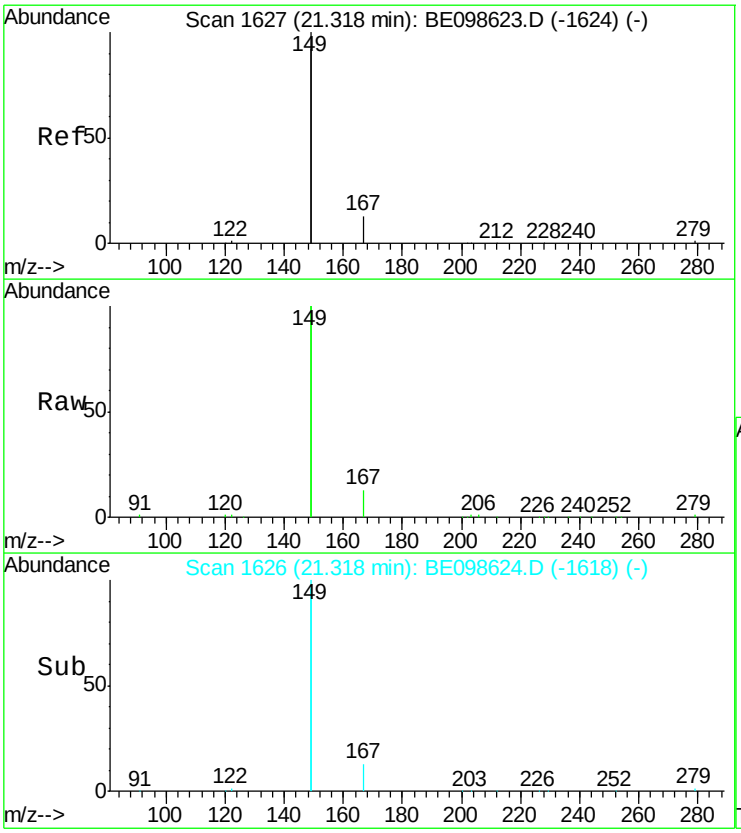
#31
Chrysene
Concen: 0.718 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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

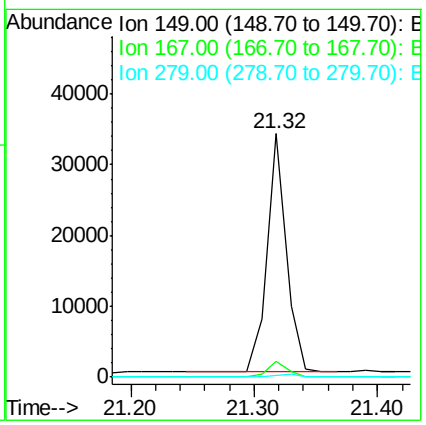


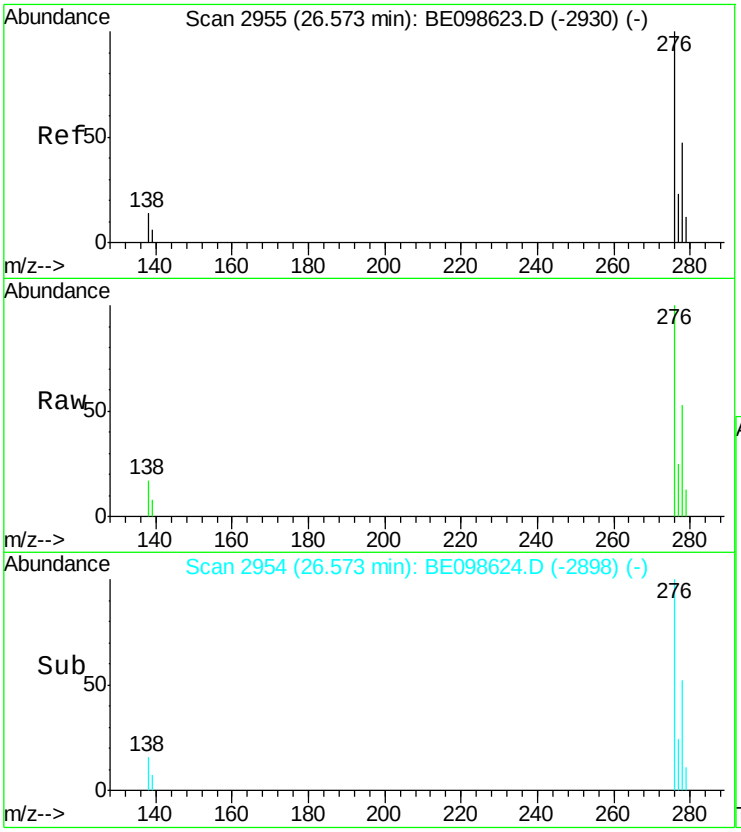


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.706 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



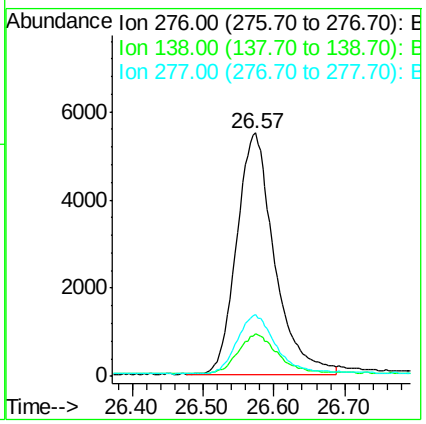


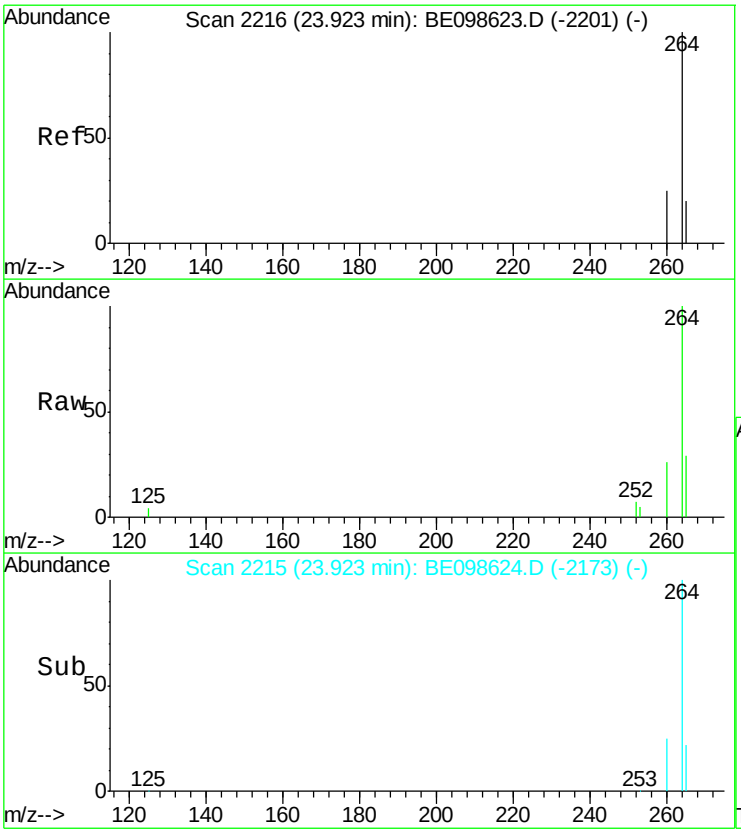
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.756 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

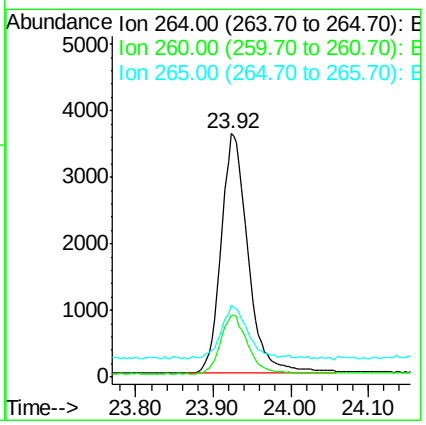


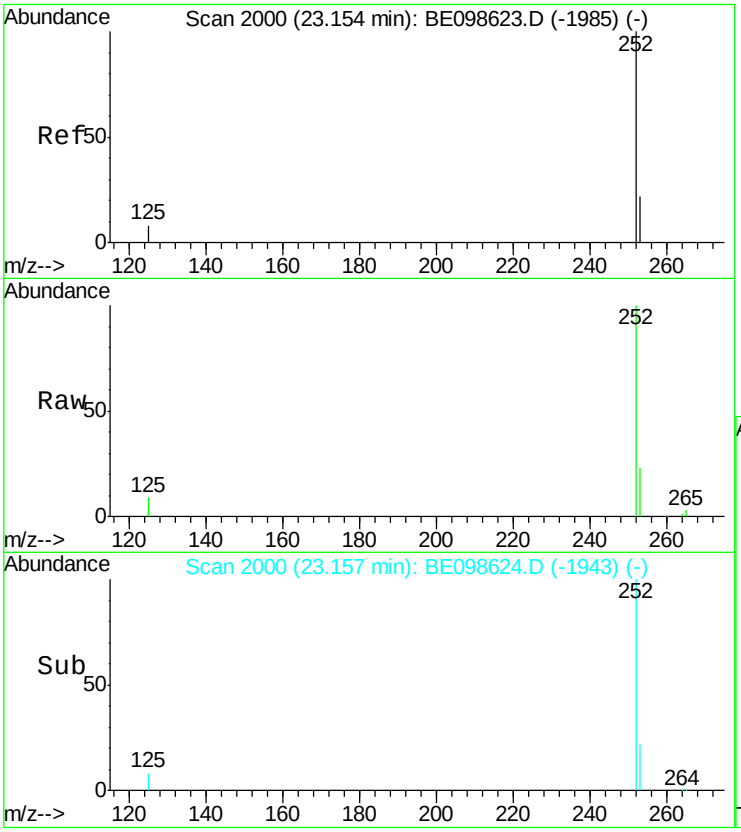


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



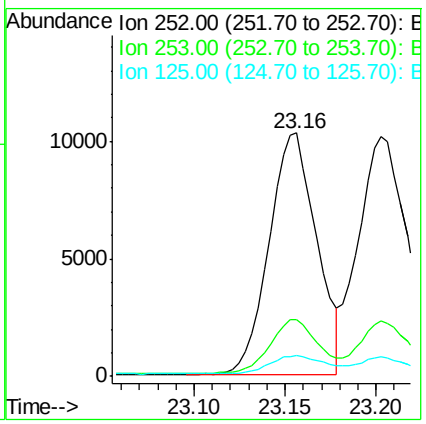


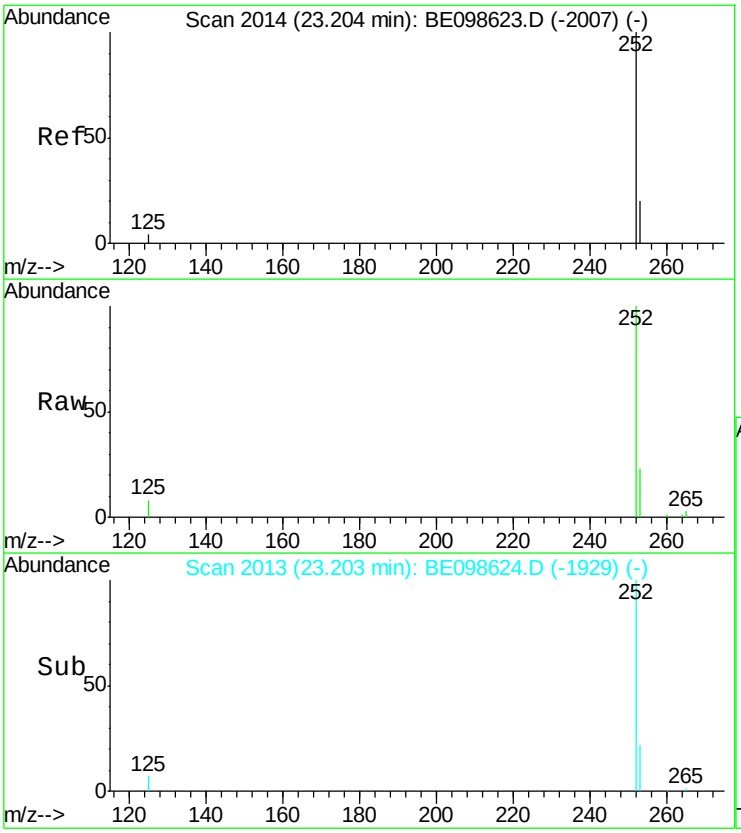
#35
Benzo(b)fluoranthene
Concen: 0.779 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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

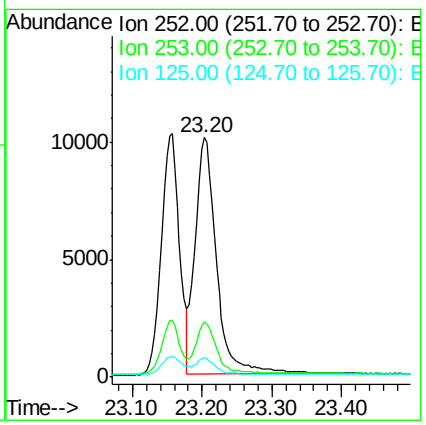


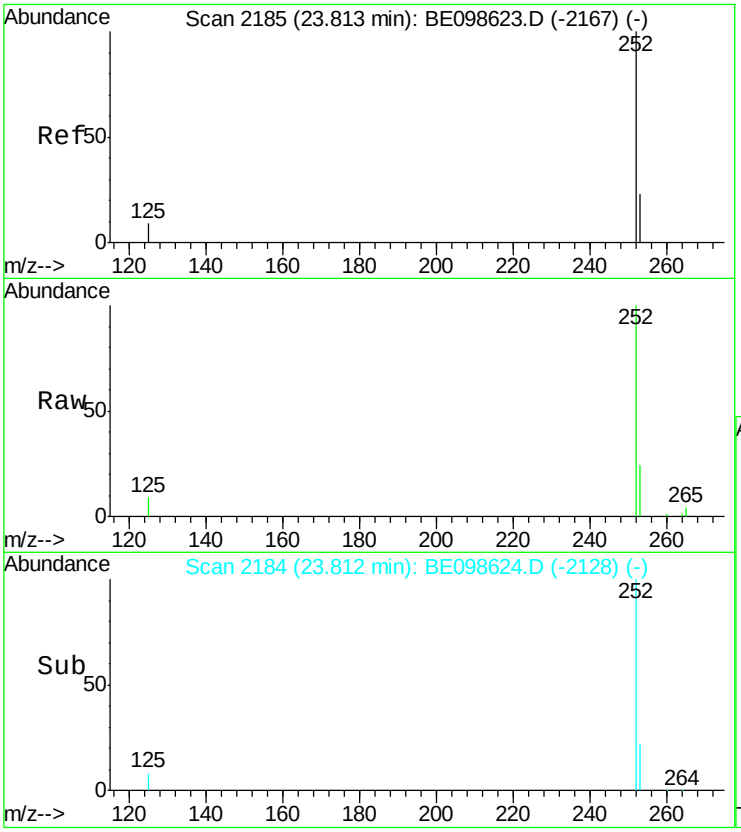


#36
Benzo(k)fluoranthene
Concen: 0.769 ng
RT: 23.20 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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



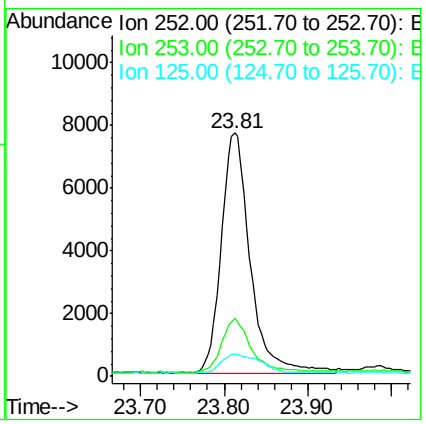


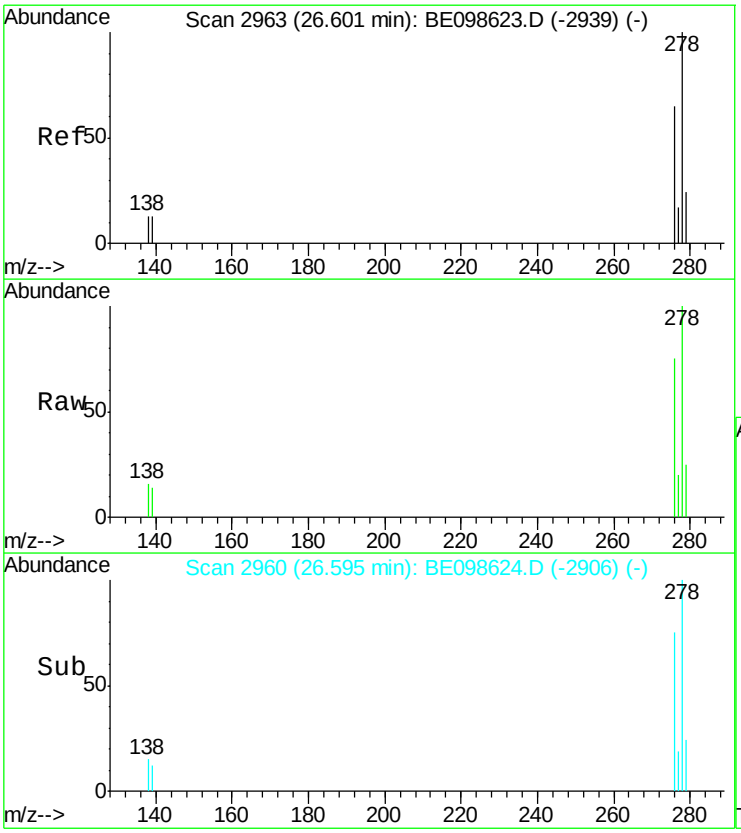
#37
Benzo(a)pyrene
Concen: 0.746 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

Instrument :
MSVOA_W
ClientSampleId :
SSTDICC0.8

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#

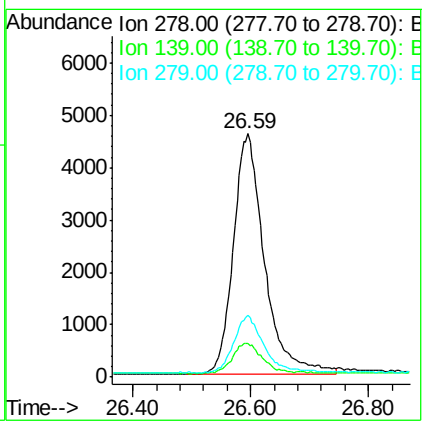


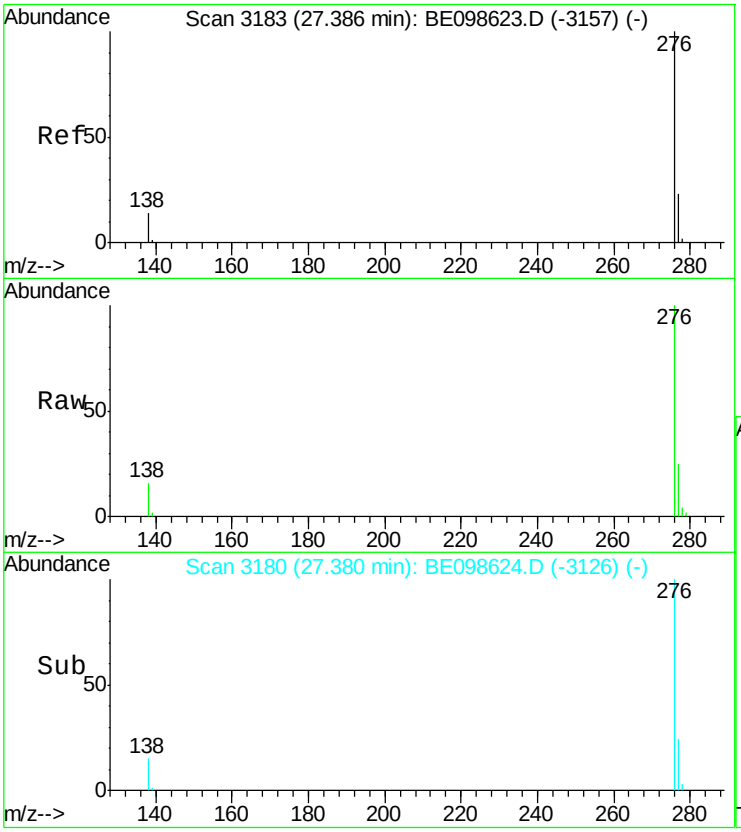


#38
Dibenzo(a,h)anthracene
Concen: 0.729 ng
RT: 26.59 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BE098624.D
Acq: 15 Jan 2019 12:44

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





#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 :
SSTDICC0.8

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