Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\

Quantitation Report (Not Reviewed)

Data File : BE097759.D
Acq On : 5 Oct 2018 17:40
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 06 04:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3120	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	13074	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	7522	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	20692	0.40	ng		0.00
27) Chrysene-d12	21.49	240	26052	0.40	ng		0.00
34) Perylene-d12	24.03	264	23870	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2862	0.39	ng		0.00
5) Phenol-d6	7.04	99	4157	0.37	ng		0.00
8) Nitrobenzene-d5	9.04	82	2727	0.64	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	8009	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	614	0.45	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	12195	0.37	ng		-0.02
25) Fluoranthene-d10	19.33	212	96726	0.37	ng		0.00
29) Terphenyl-d14	19.93	244	20813	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	2317	0.373	ng		98
3) n-Nitrosodimethylamine	3.71	42	1805	0.319	ng	#	80
6) bis(2-Chloroethyl)ether	7.31	93	4469	0.382	ng		99
9) Naphthalene	10.74	128	50828	0.386	ng		100
10) Hexachlorobutadiene	11.03	225	2730	0.390	ng		96
12) 2-Methylnaphthalene	12.37	142	7931	0.376	ng		99
16) Acenaphthylene	14.27	152	12089	0.363	ng		98
17) Acenaphthene	14.61	154	8125	0.381	ng		98
18) Fluorene	15.59	166	10728	0.379	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	4049	0.373	ng	#	79
21) Hexachlorobenzene	16.60	284	4556	0.373	ng		98
22) Pentachlorophenol	16.94	266	844	0.441	ng		90
23) Phenanthrene	17.34	178	20128	0.377	ng		99
24) Anthracene	17.43	178	16420	0.357	ng		99
26) Fluoranthene	19.36	202	25169	0.370	ng		99
28) Pyrene	19.72	202	25621	0.387	ng		100
30) Benzo(a)anthracene	21.46	228	25506	0.364	ng		99
31) Chrysene	21.52	228	31819	0.406	ng		97
32) Bis(2-ethylhexyl)phthalate	21.40	149	20101	0.392	ng		100
33) Indeno(1,2,3-cd)pyrene	26.73	276	23311	0.343	ng		98
35) Benzo(b)fluoranthene	23.25	252	23617	0.361	ng		98
36) Benzo(k)fluoranthene	23.30	252	27123	0.373	ng		100
37) Benzo(a)pyrene	23.92	252	20737	0.350	ng		99
38) Dibenzo(a,h)anthracene	26.76	278	19690	0.337	ng		96
39) Benzo(g,h,i)perylene	27.54	276	21942	0.359	ng		99

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

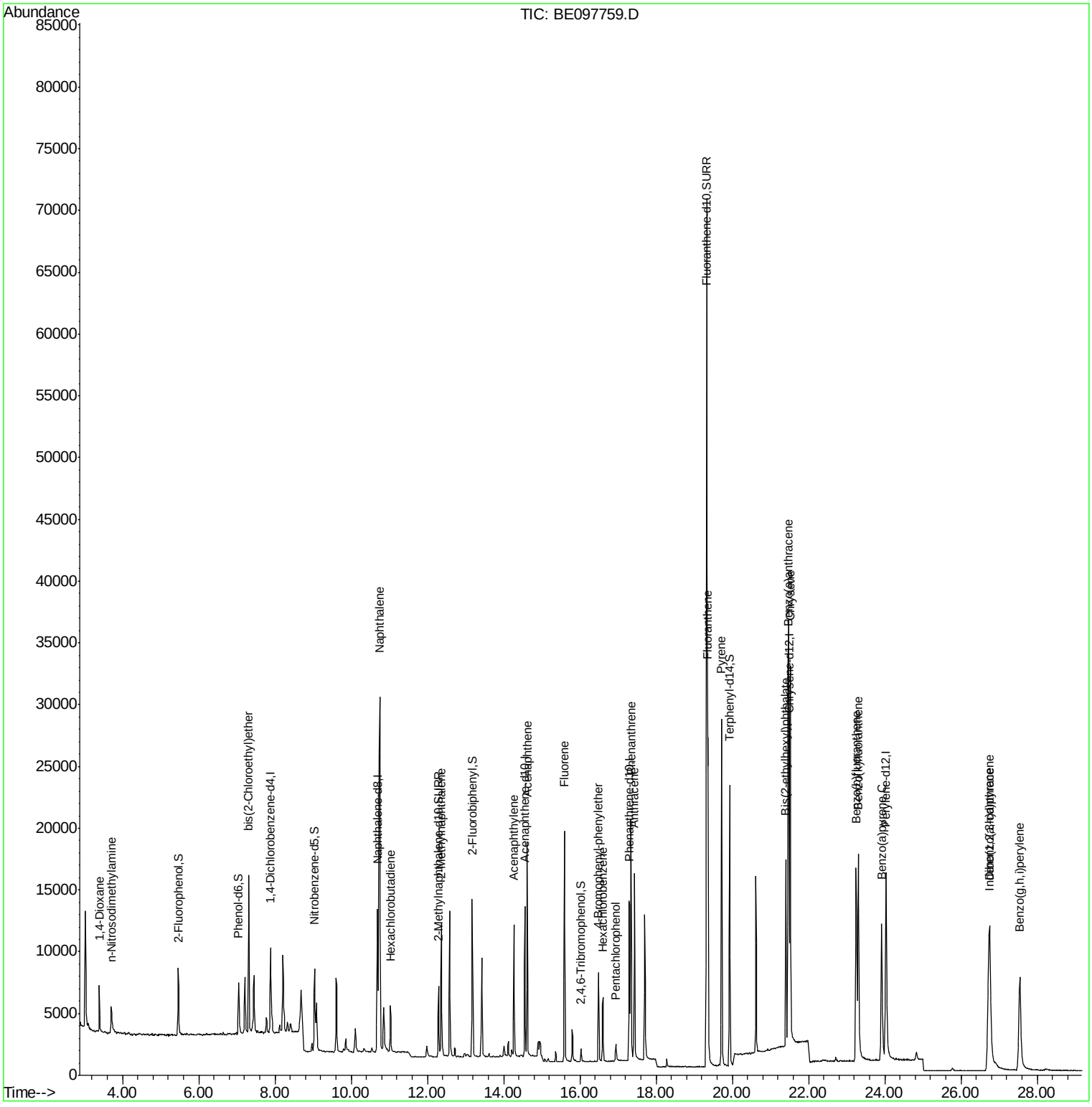
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\

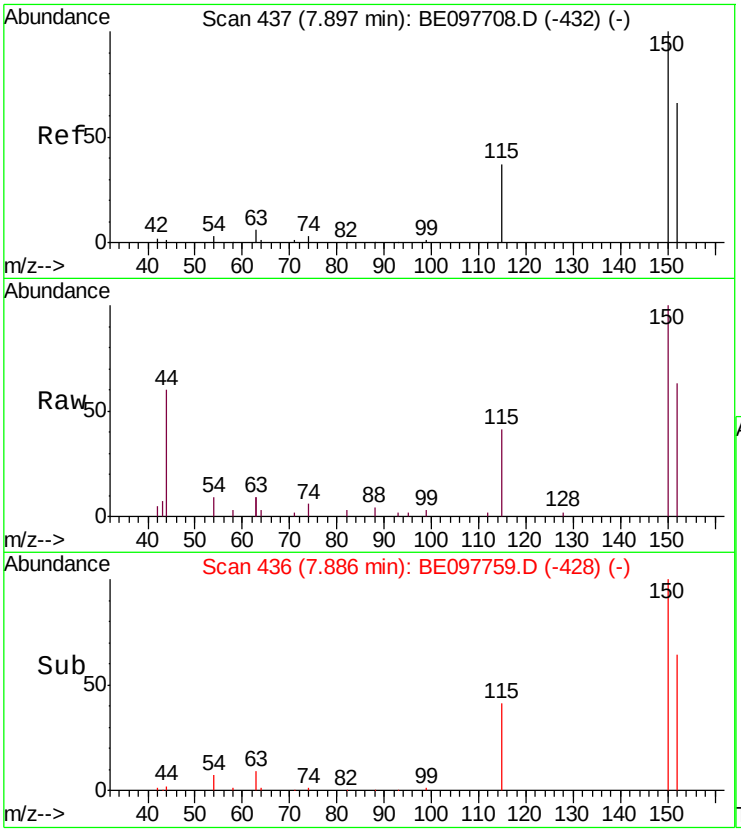
Quantitation Report (Not Reviewed)

Data File : BE097759.D
Acq On : 5 Oct 2018 17:40
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 06 04:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



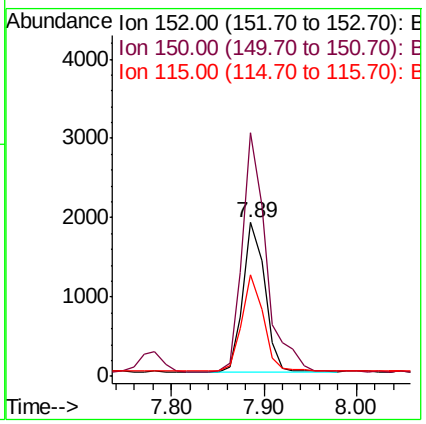


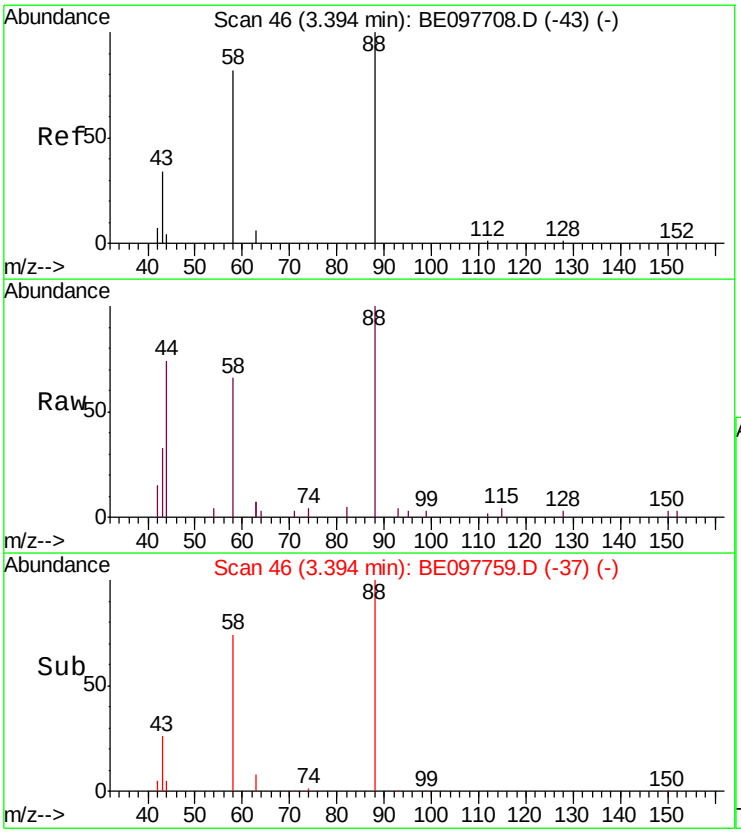
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3120

Ion	Ratio	Lower	Upper
152	100		
150	158.5	120.9	181.3
115	65.7	46.6	69.8

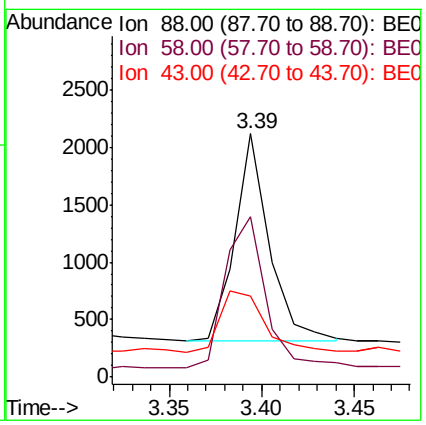


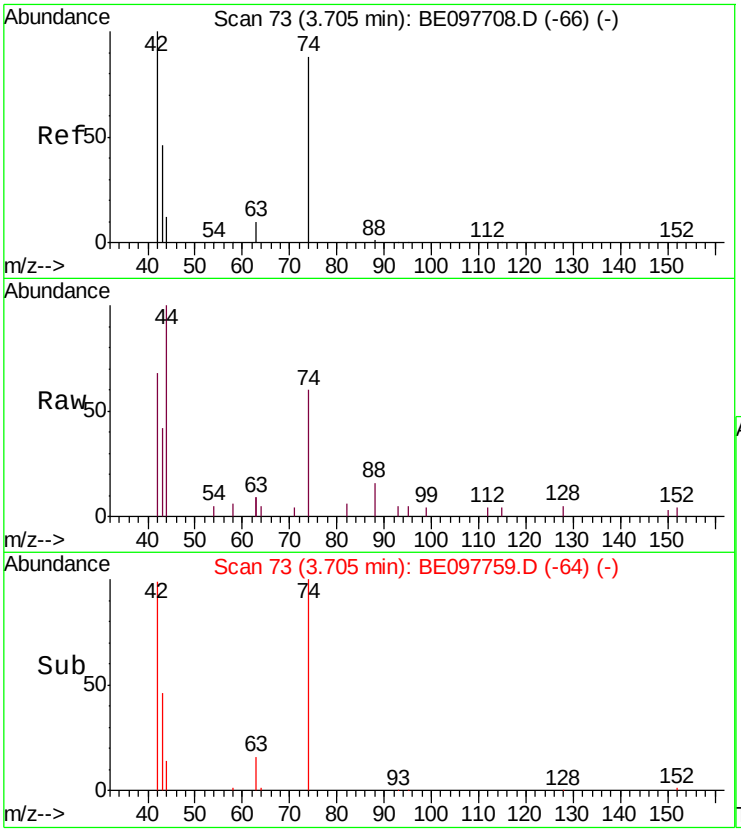


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion: 88 Resp: 2317

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	39.6	33.3	49.9



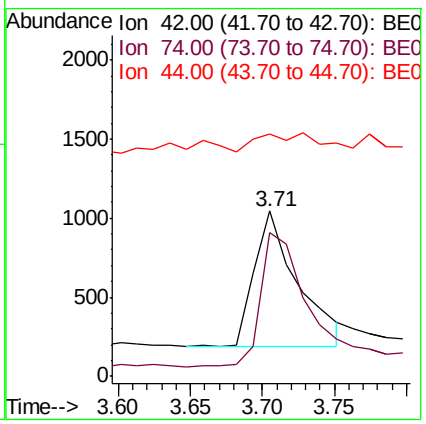


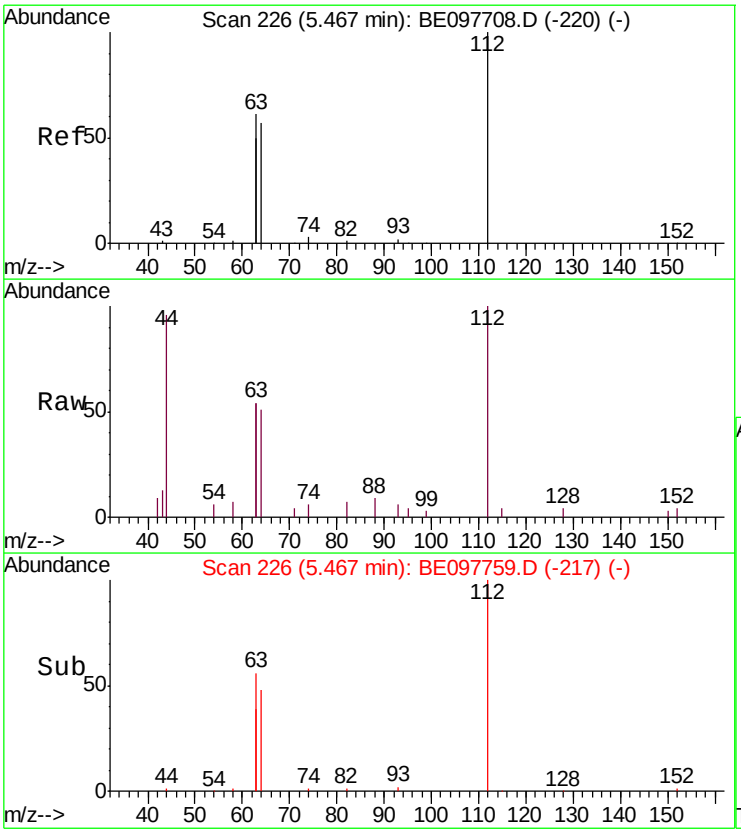
#3
n-Nitrosodimethylamine
Concen: 0.319 ng
RT: 3.71 min Scan# 73
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1805

Ion	Ratio	Lower	Upper
42	100		
74	102.3	70.7	106.1
44	0.0	15.0	22.4#

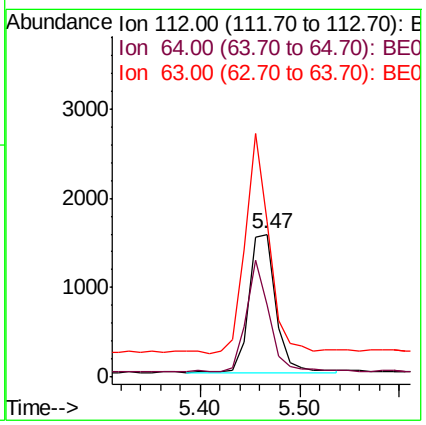


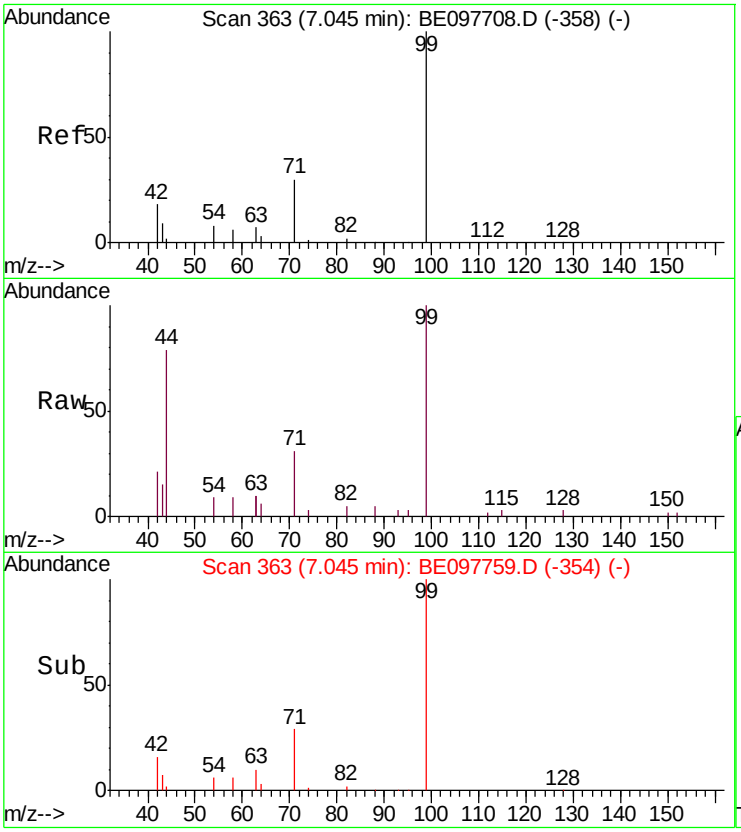


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:112 Resp: 2862

Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.6	84.8
63	146.2	119.4	179.0



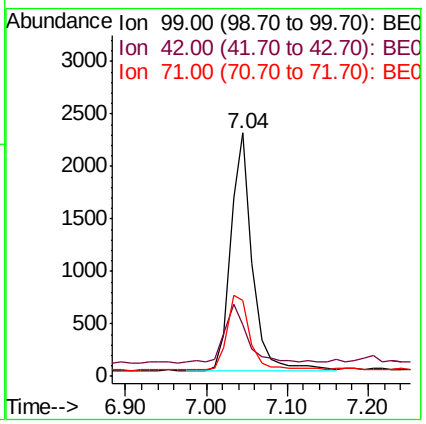


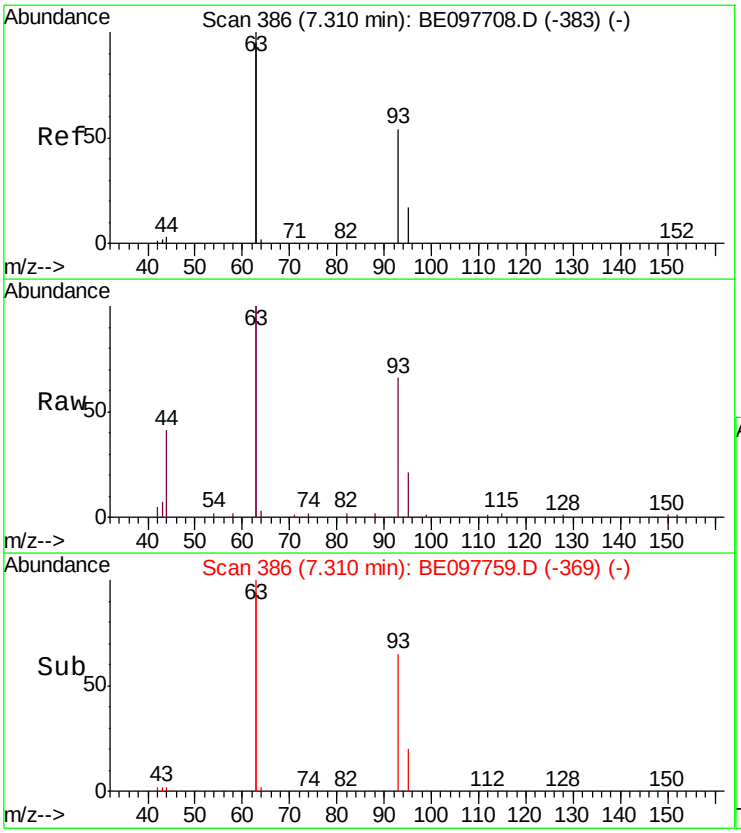
#5
Phenol-d6
Concen: 0.367 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4157

Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.9	29.9
71	33.3	25.4	38.2

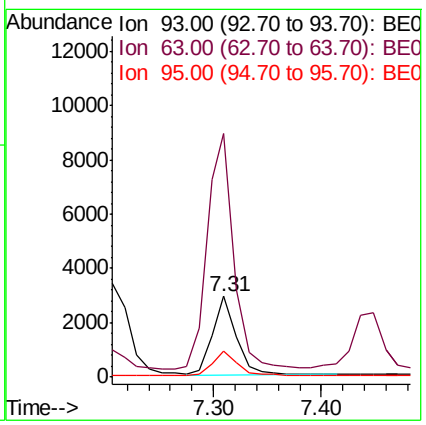


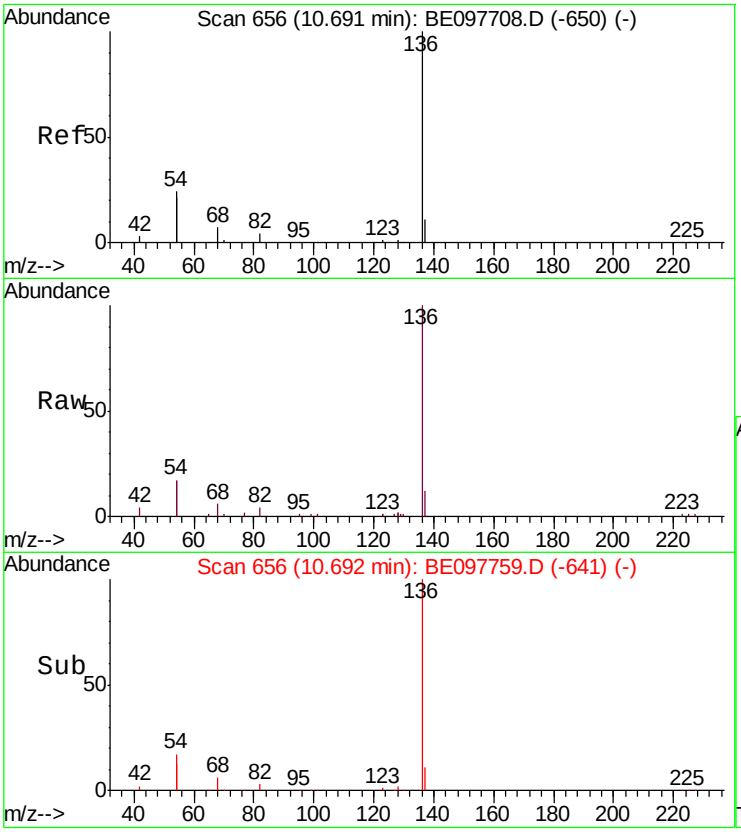


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion: 93 Resp: 4469

Ion	Ratio	Lower	Upper
93	100		
63	332.4	266.9	400.3
95	32.2	26.2	39.2



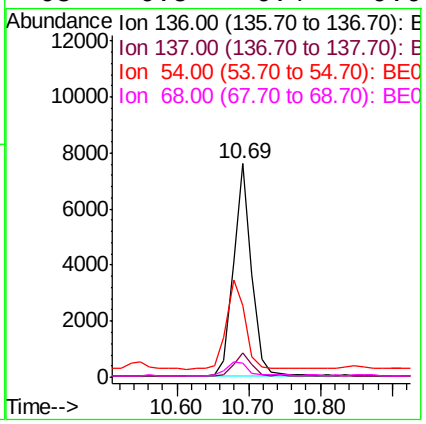


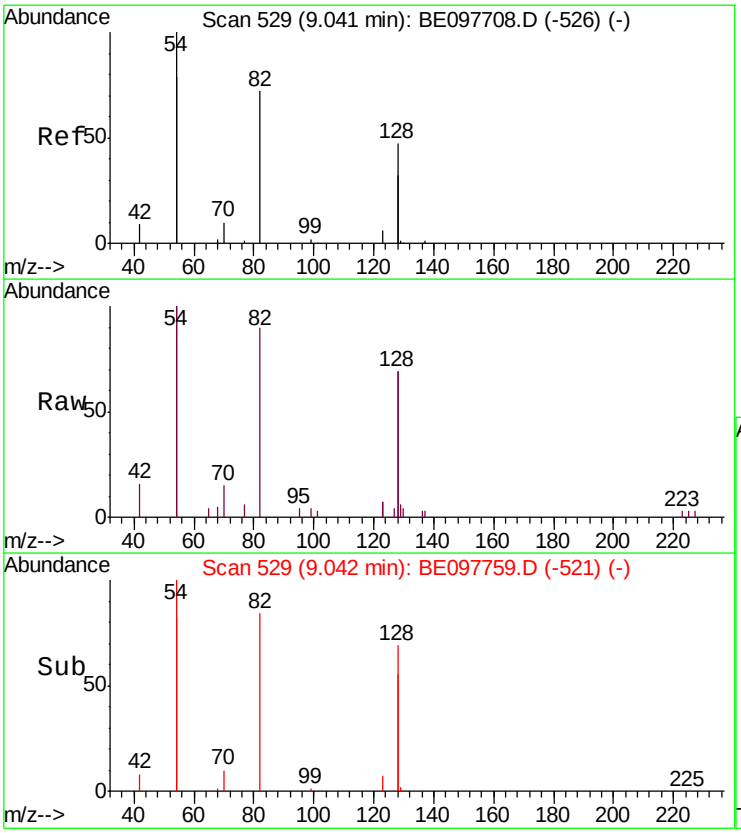
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13074

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	33.4	37.8	56.6#
68	6.5	6.4	9.6

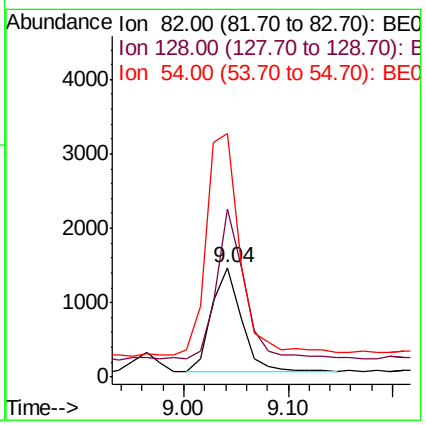


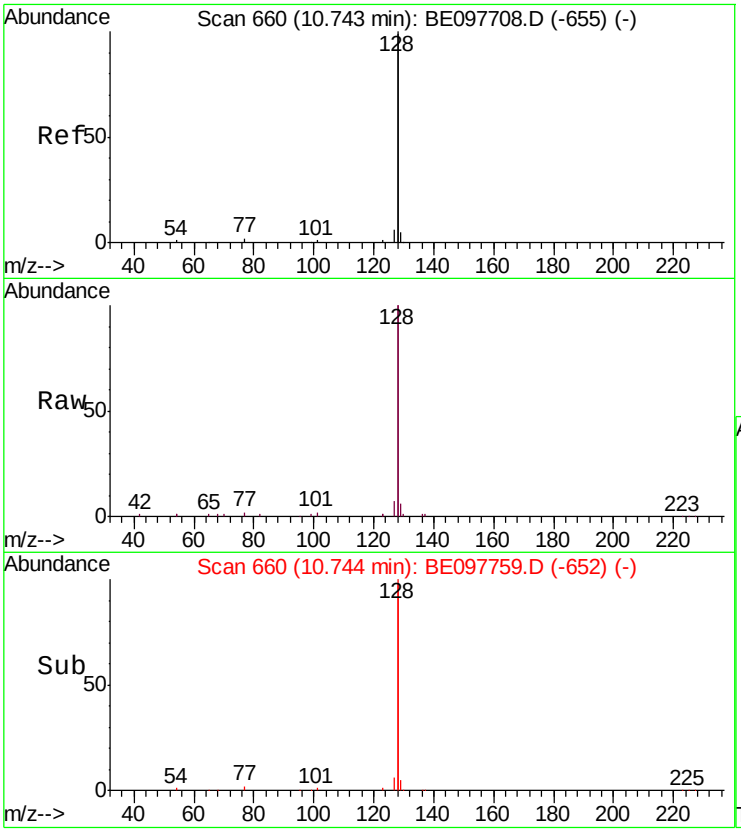


#8
Nitrobenzene-d5
Concen: 0.642 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion: 82 Resp: 2727

Ion	Ratio	Lower	Upper
82	100		
128	153.8	97.0	145.4#
54	222.9	206.9	310.3



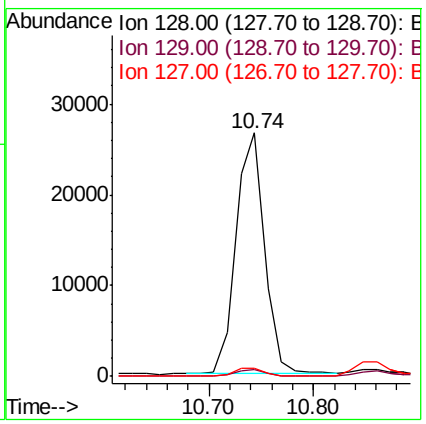


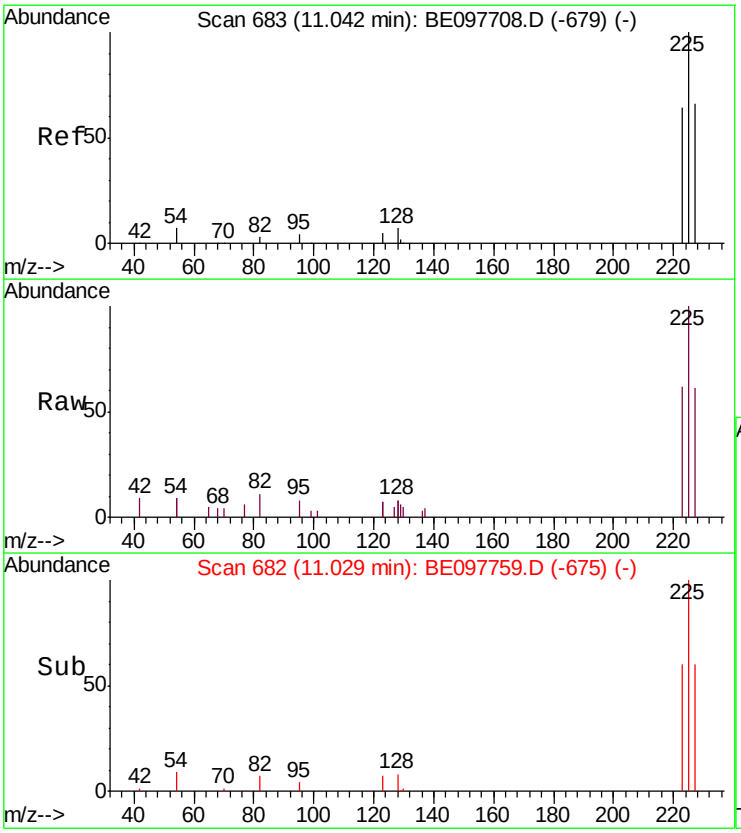
#9
Naphthalene
Concen: 0.386 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 50828

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.2
127	3.4	2.7	4.1

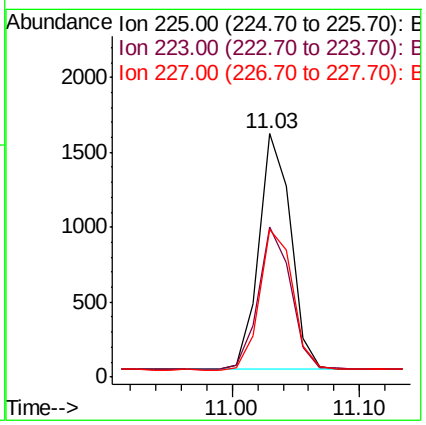


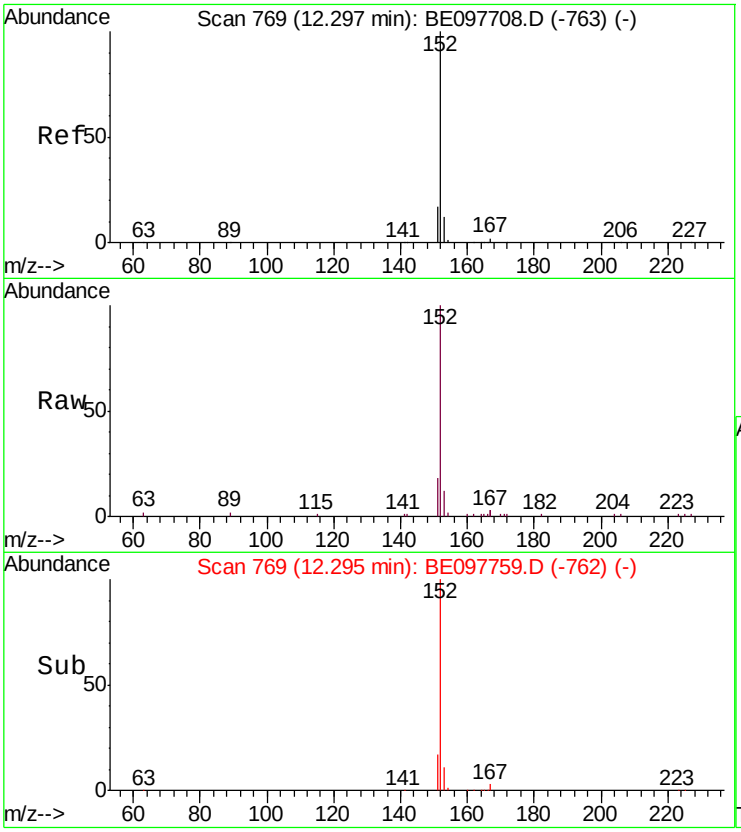


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:225 Resp: 2730

Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.2	78.4
227	61.9	51.2	76.8



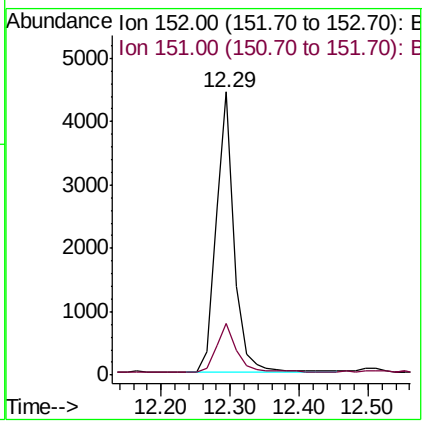


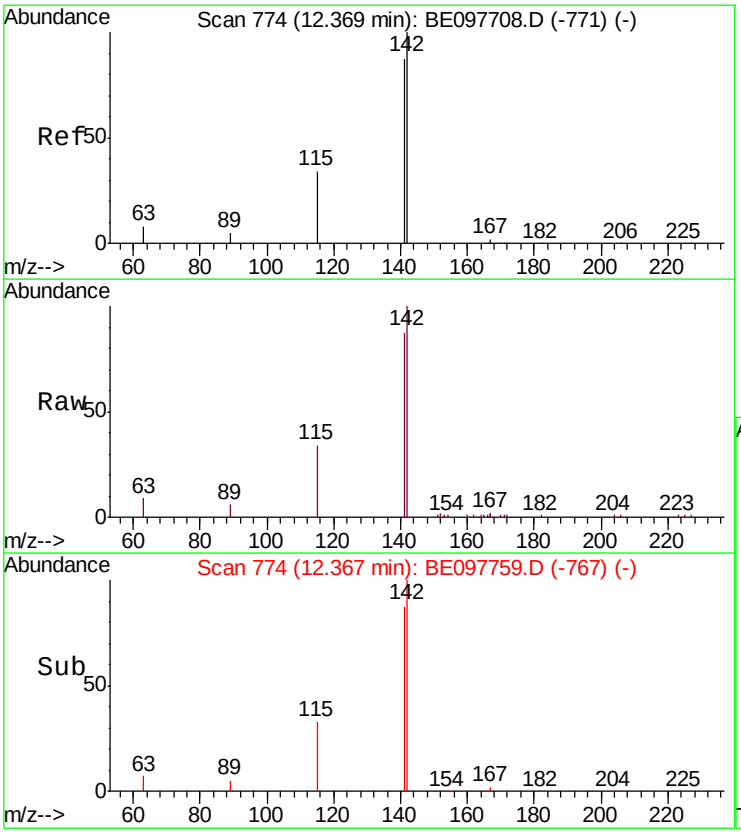
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8009

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

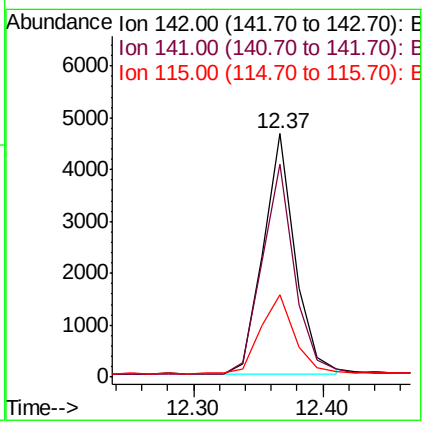


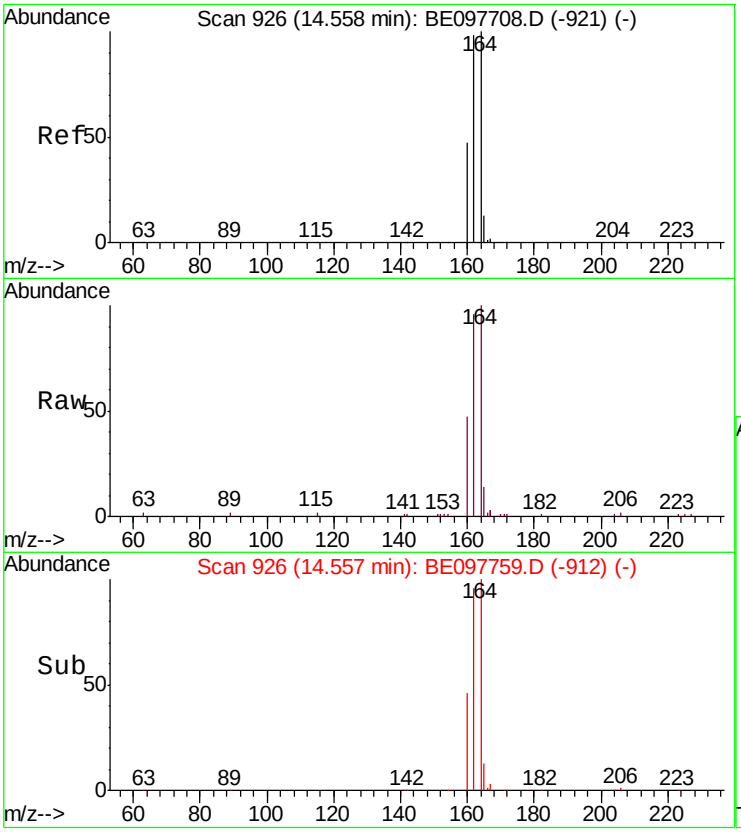


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:142 Resp: 7931

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.4	104.2
115	34.0	28.0	42.0



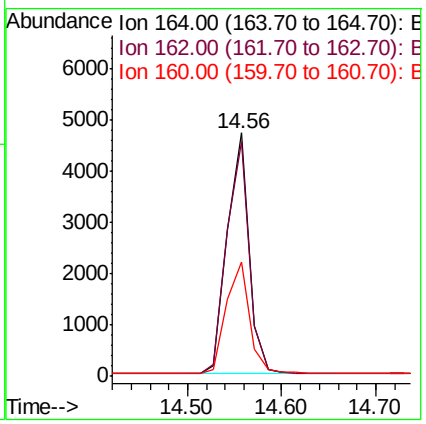


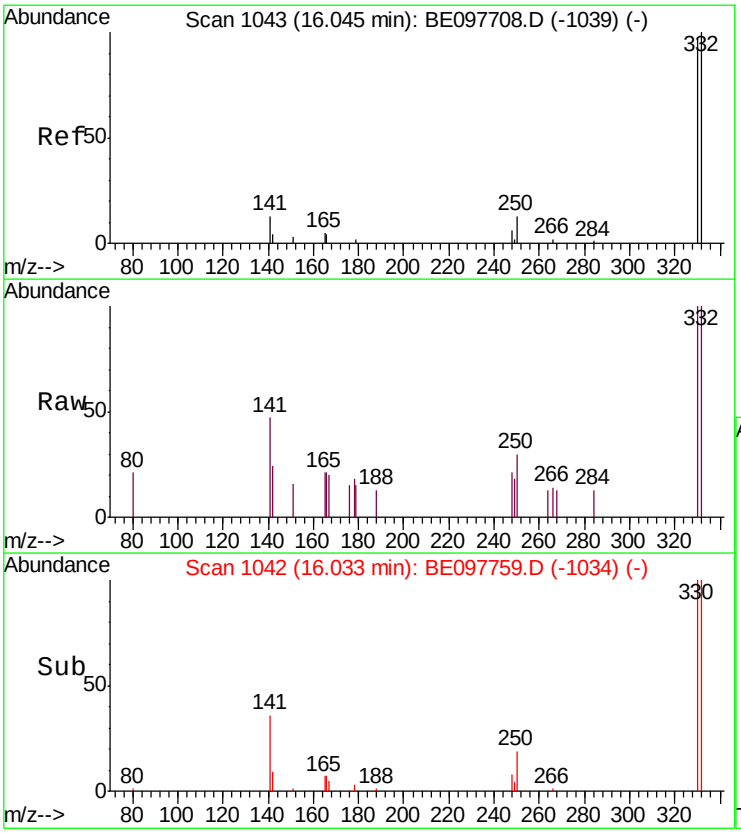
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7522

Ion	Ratio	Lower	Upper
164	100		
162	96.3	78.6	117.8
160	47.1	37.8	56.6

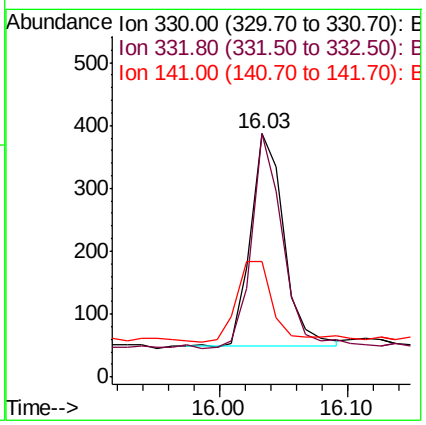


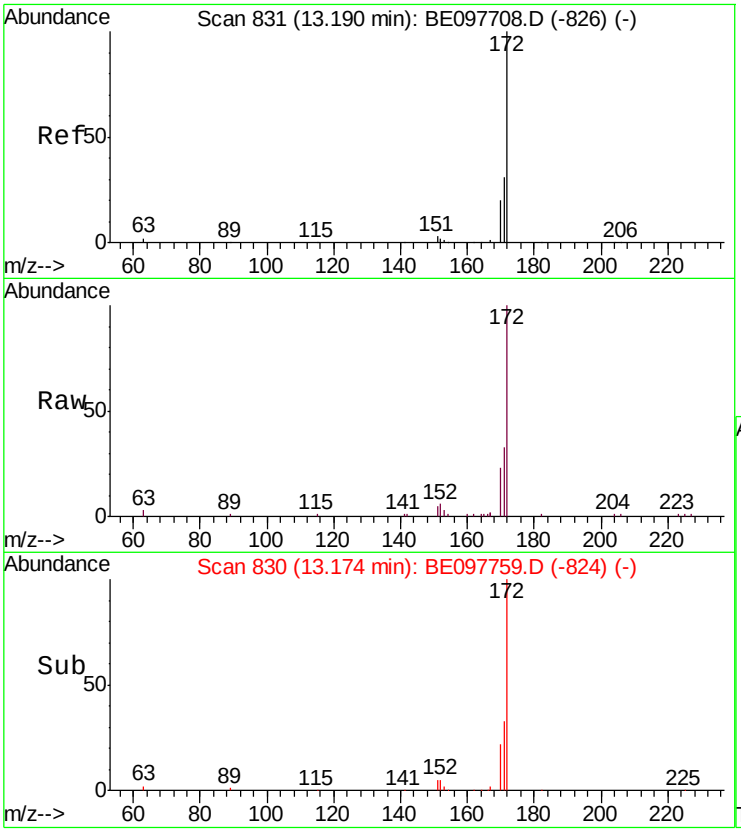


#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:330 Resp: 614

Ion	Ratio	Lower	Upper
330	100		
332	95.9	83.5	125.3
141	44.5	34.9	52.3



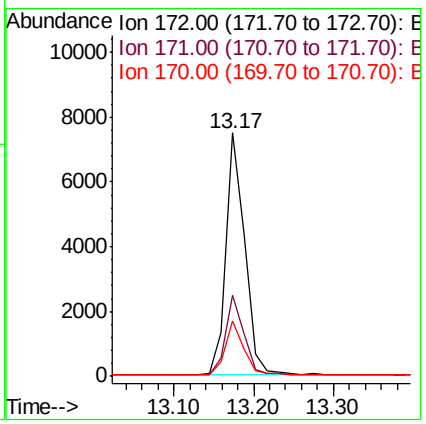


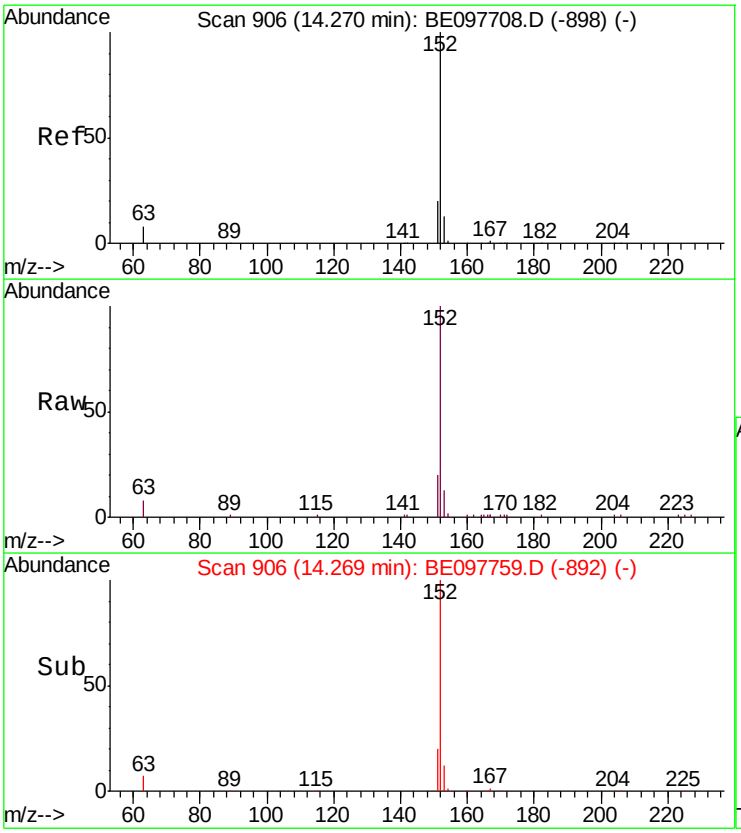
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12195

Ion	Ratio	Lower	Upper
172	100		
171	33.2	25.2	37.8
170	22.9	16.2	24.2

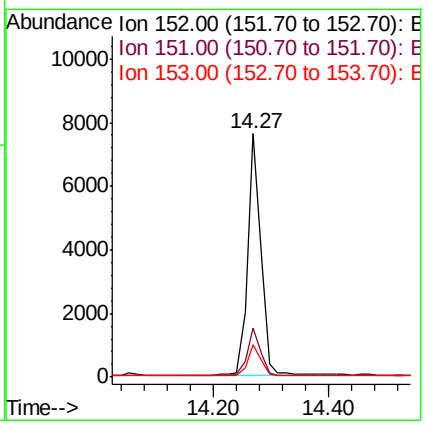


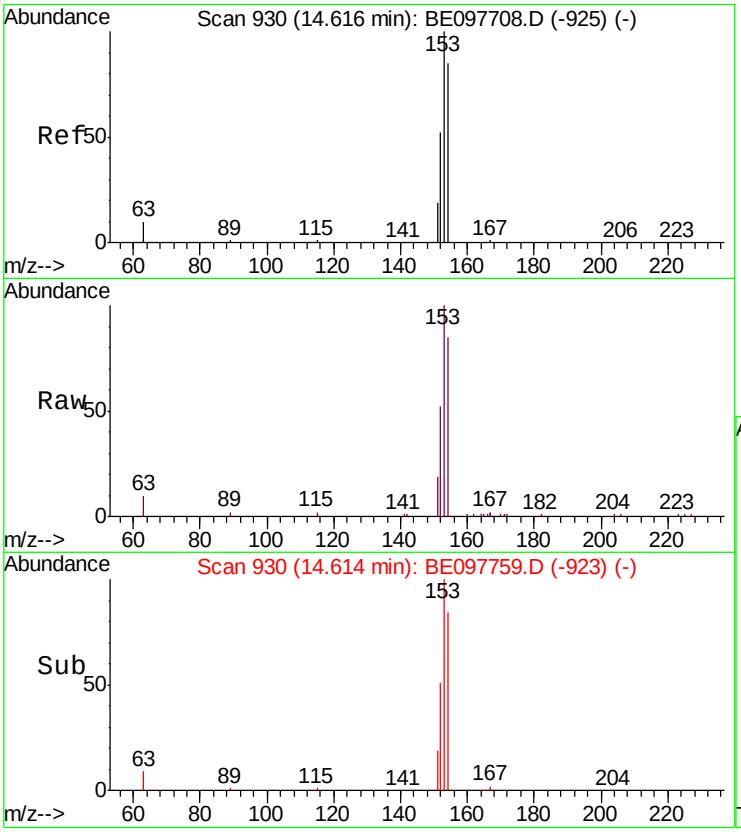


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:152 Resp: 12089

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.3	22.9
153	12.4	10.8	16.2



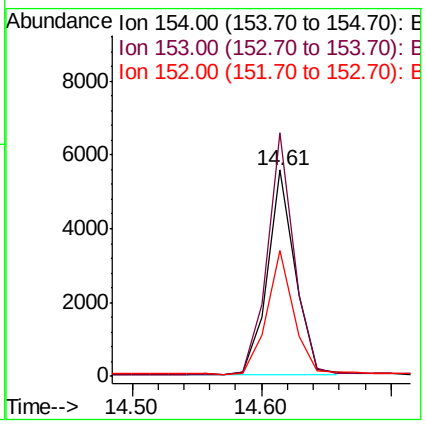


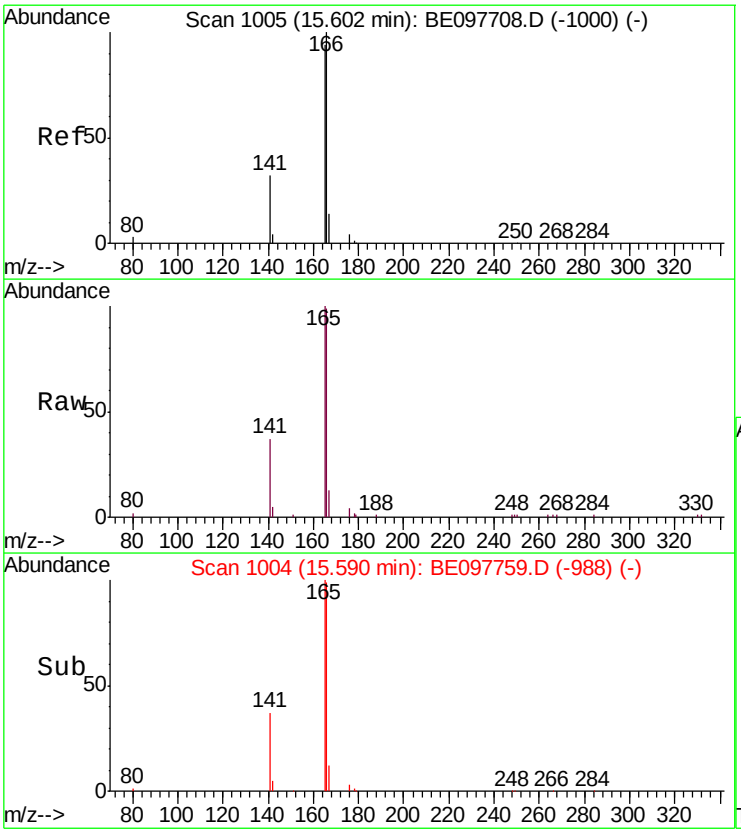
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8125

Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.3	139.9
152	59.5	48.9	73.3

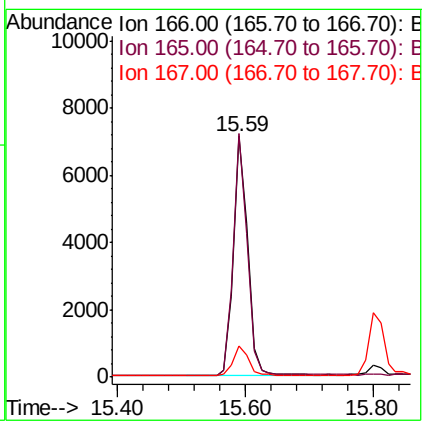


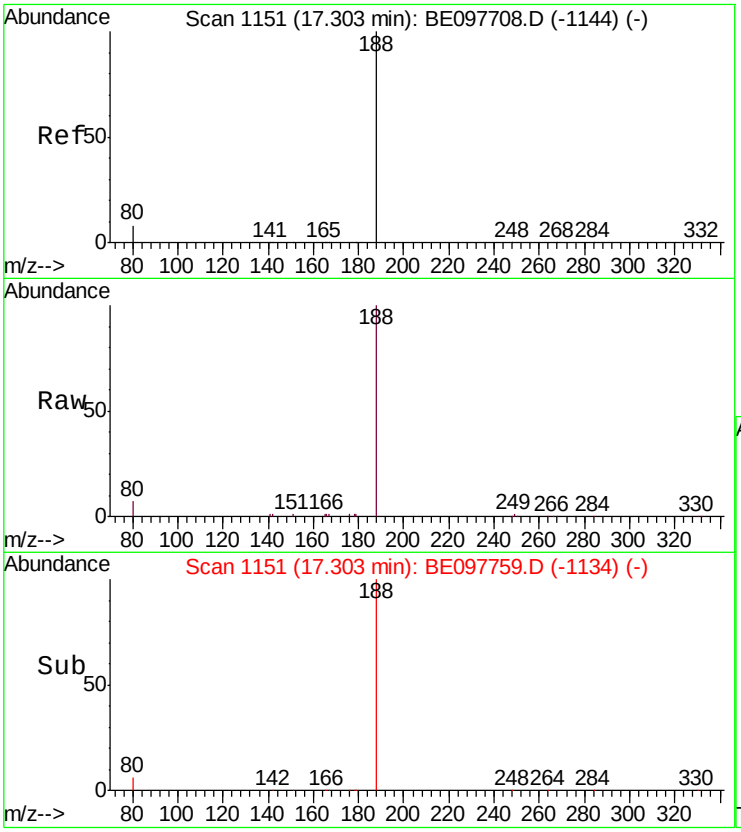


#18
Fluorene
Concen: 0.379 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:166 Resp: 10728

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	13.3	11.1	16.7



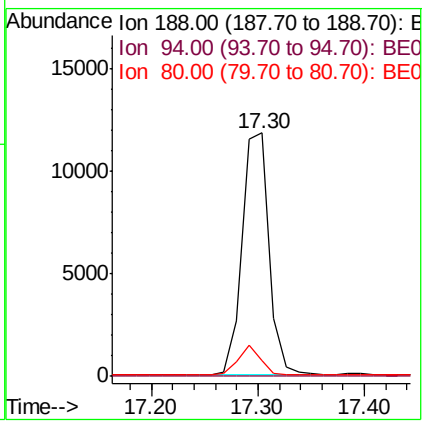


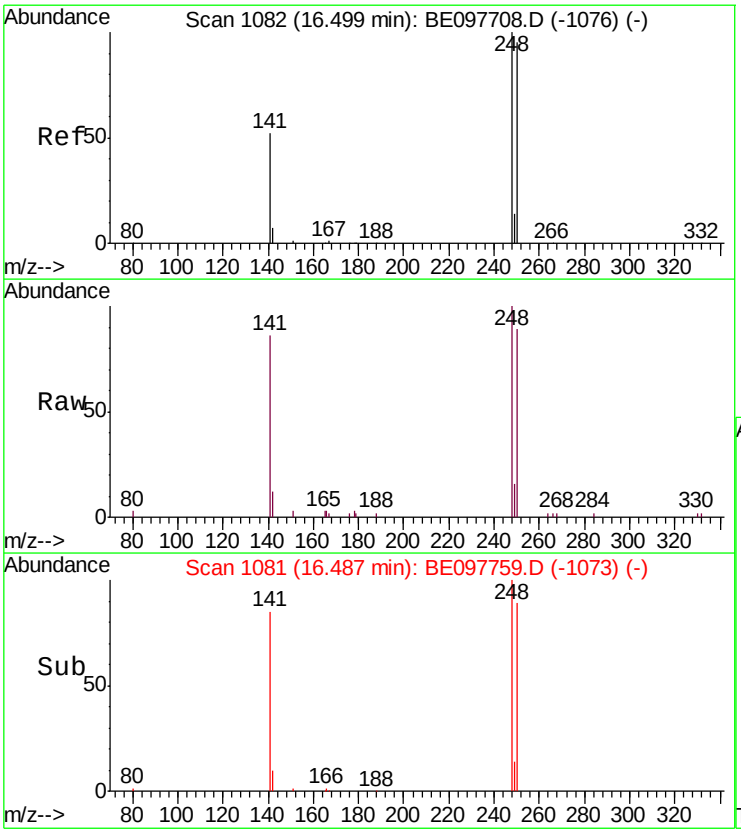
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20692

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.6	9.8#

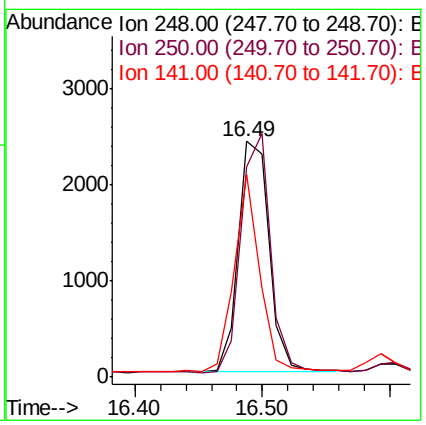


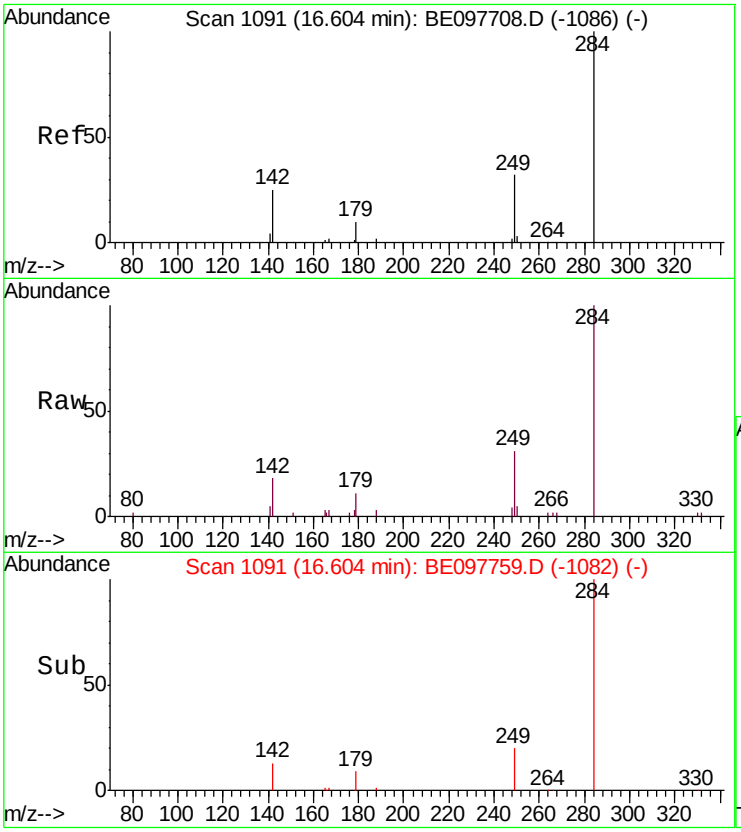


#20
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:248 Resp: 4049

Ion	Ratio	Lower	Upper
248	100		
250	89.3	76.1	114.1
141	86.1	42.2	63.4#



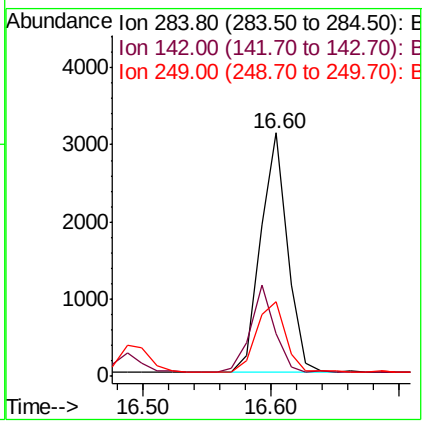


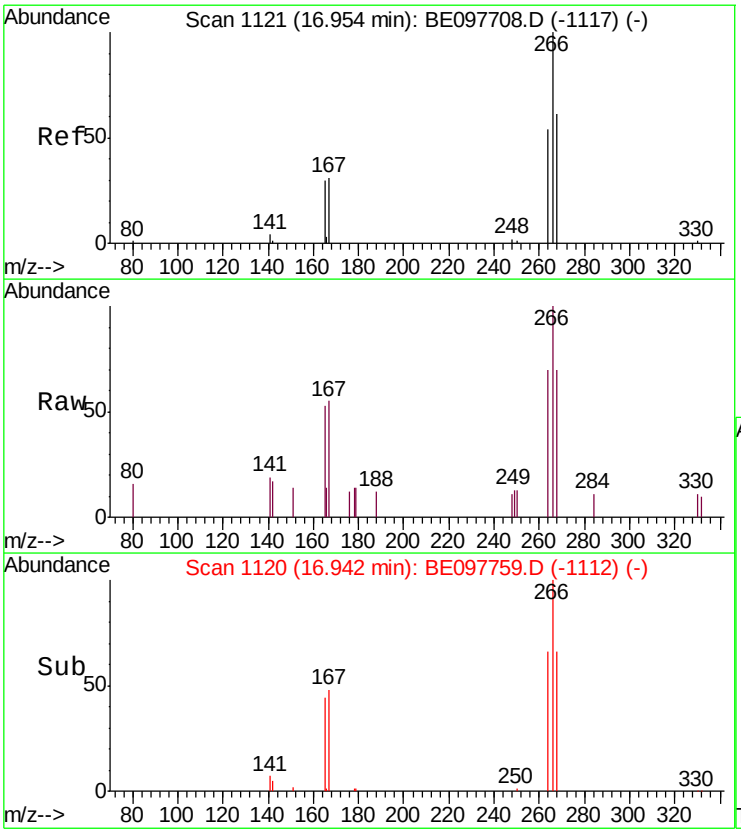
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4556

Ion	Ratio	Lower	Upper
284	100		
142	32.5	24.9	37.3
249	31.8	25.8	38.8

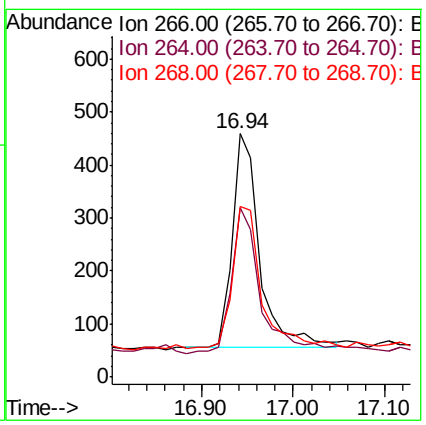


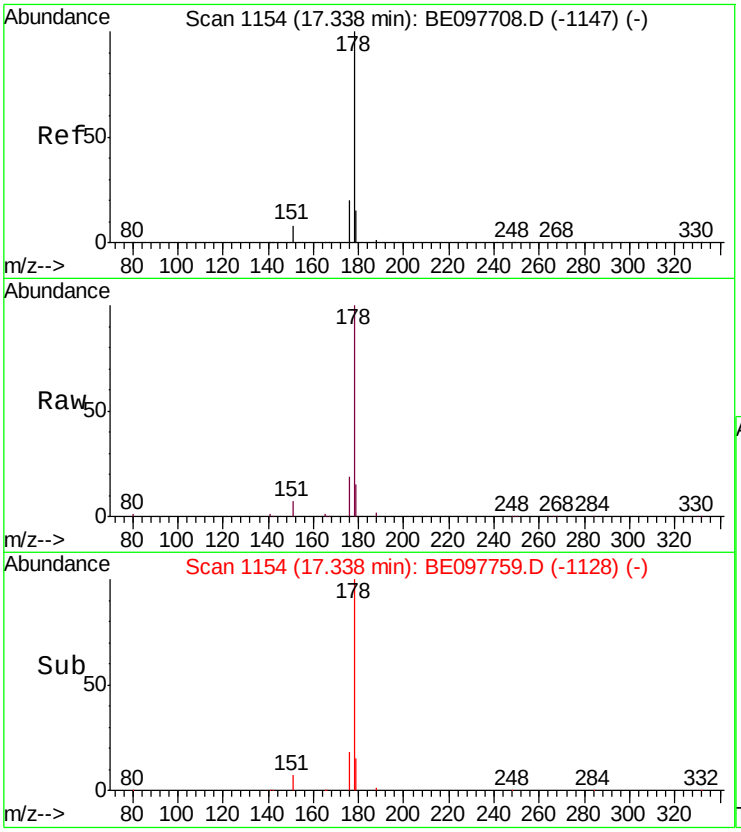


#22
Pentachlorophenol
Concen: 0.441 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:266 Resp: 844

Ion	Ratio	Lower	Upper
266	100		
264	69.7	46.8	70.2
268	70.4	53.0	79.6



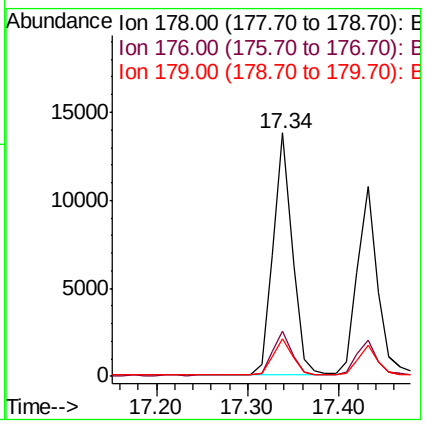


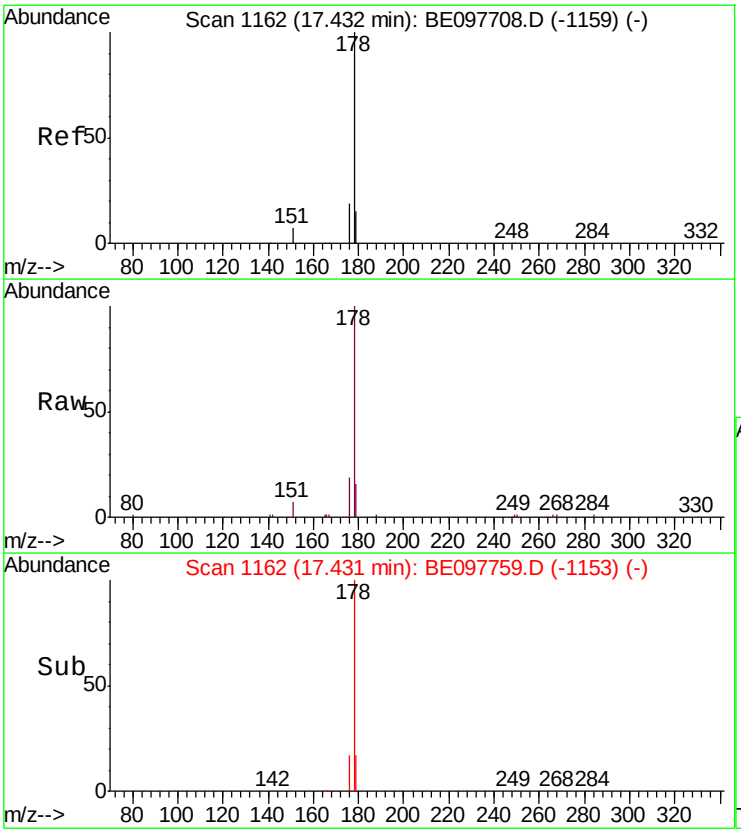
#23
Phenanthrene
Concen: 0.377 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4

Tgt Ion:178 Resp: 20128

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.3	12.2	18.4

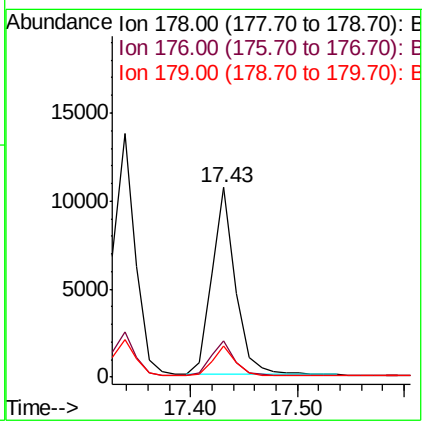


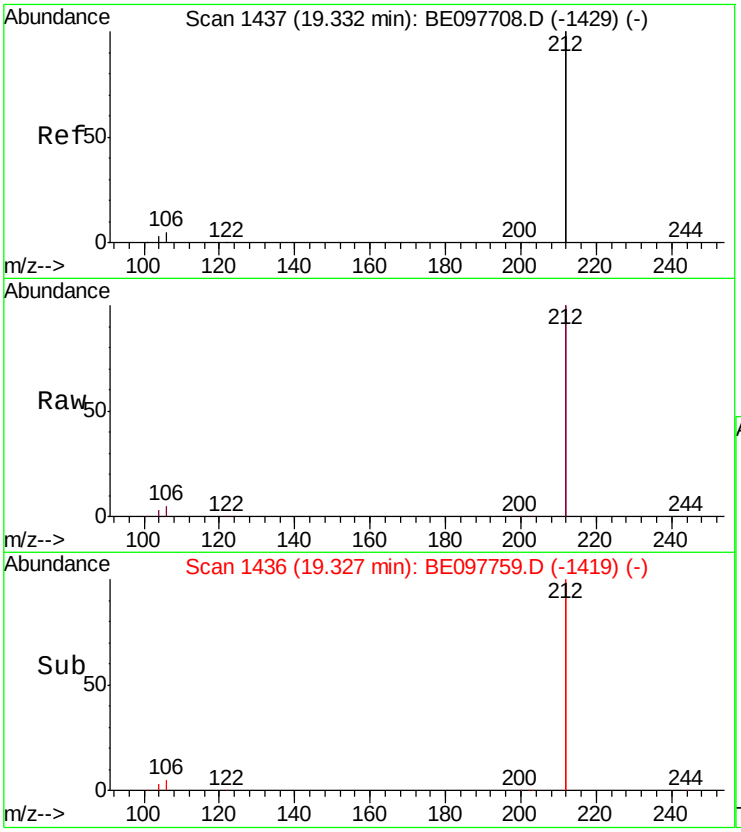


#24
Anthracene
Concen: 0.357 ng
RT: 17.43 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:178 Resp: 16420

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	12.2	18.2



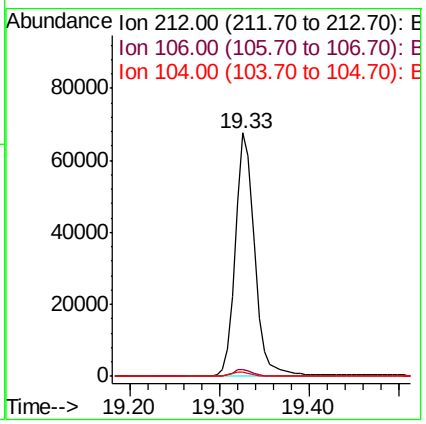


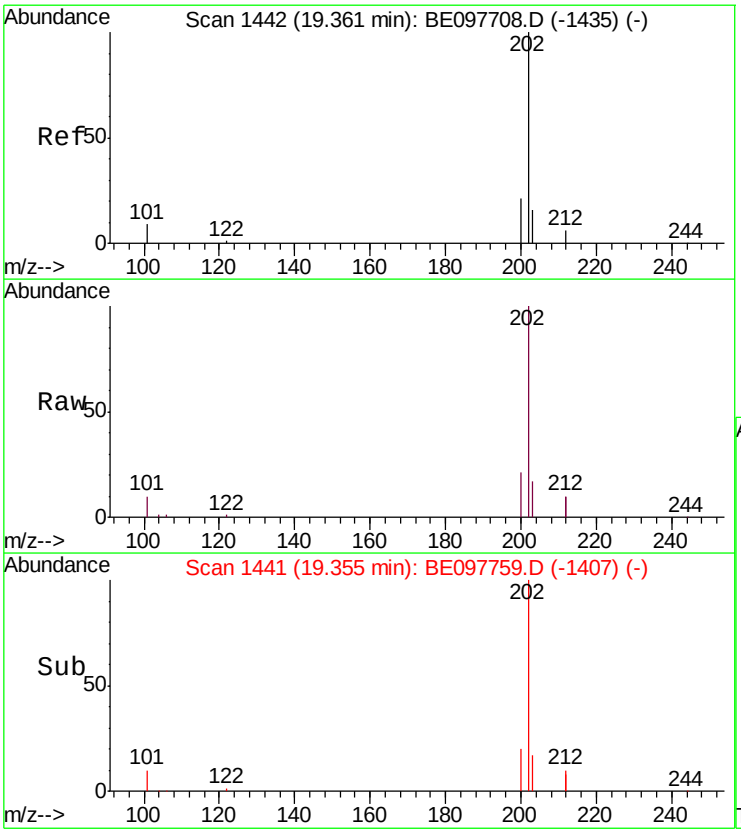
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 96726

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.5	1.2	1.8

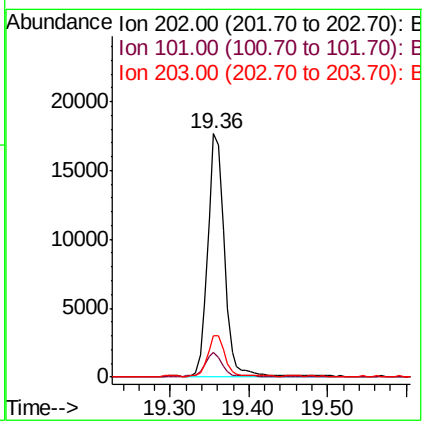


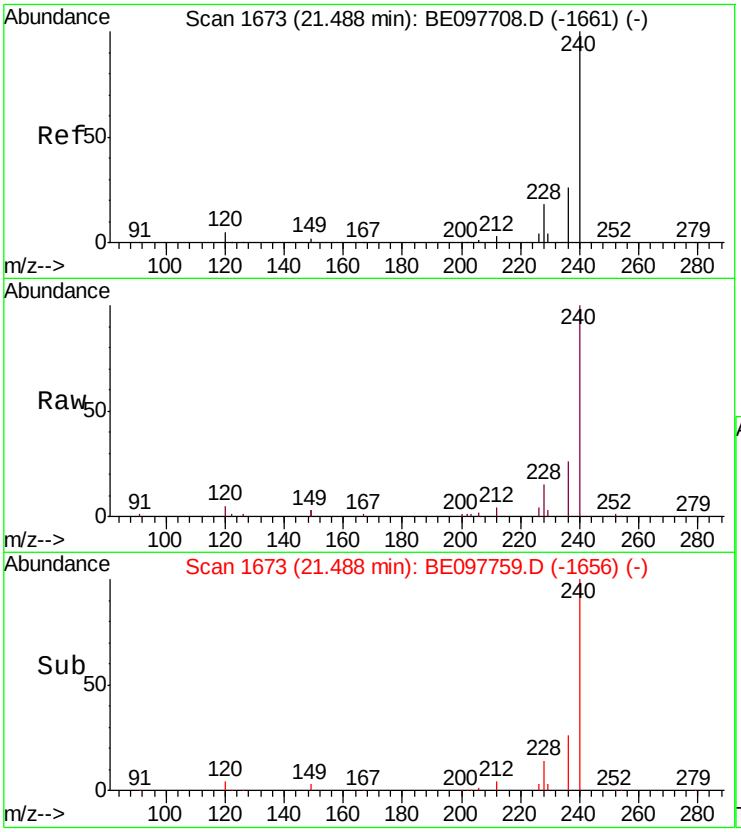


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:202 Resp: 25169

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
203	16.8	13.8	20.6



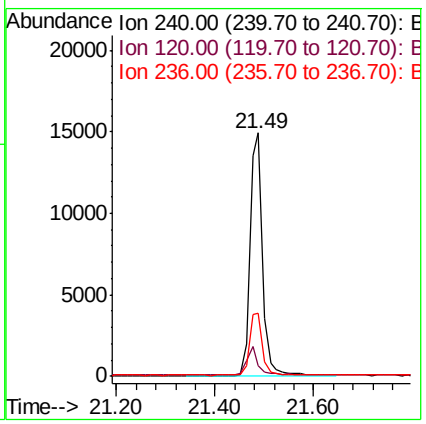


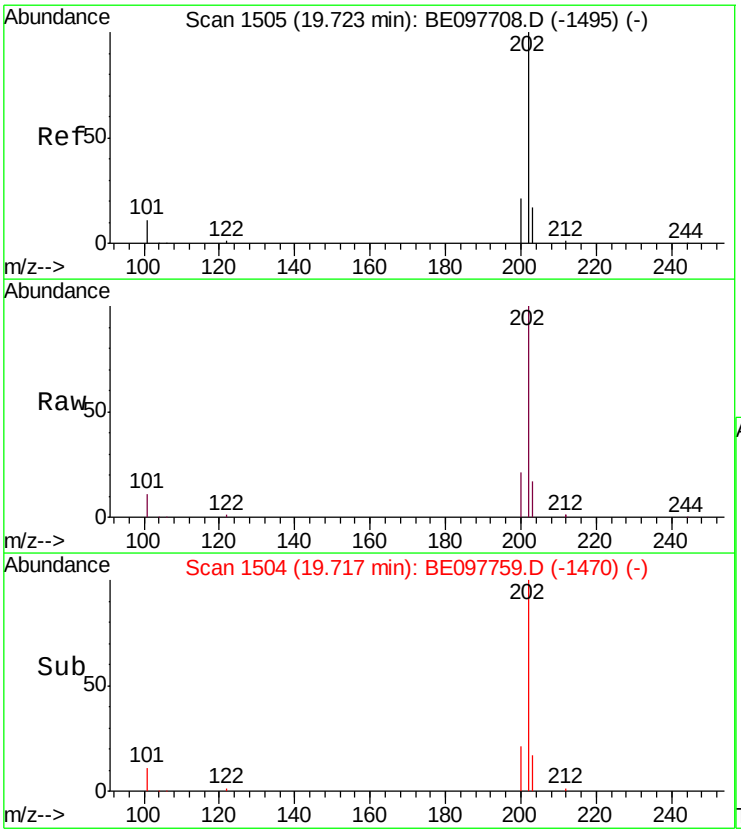
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 26052

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.7	7.1#
236	26.1	20.8	31.2

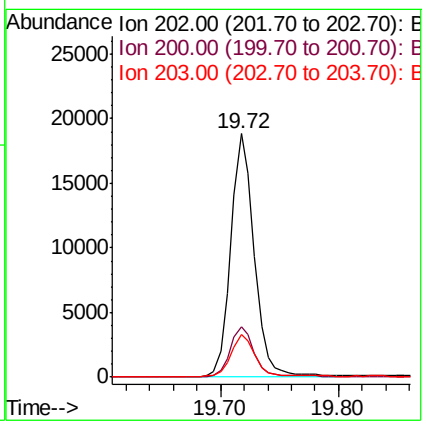


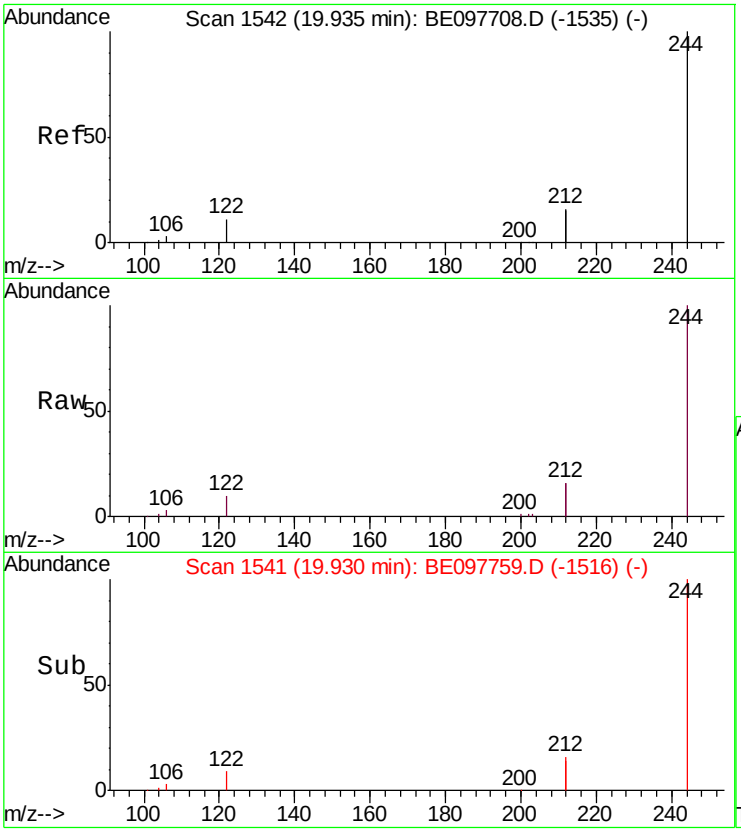


#28
Pyrene
Concen: 0.387 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:202 Resp: 25621

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	13.9	20.9



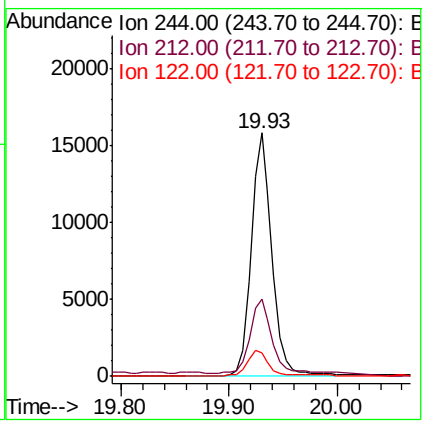


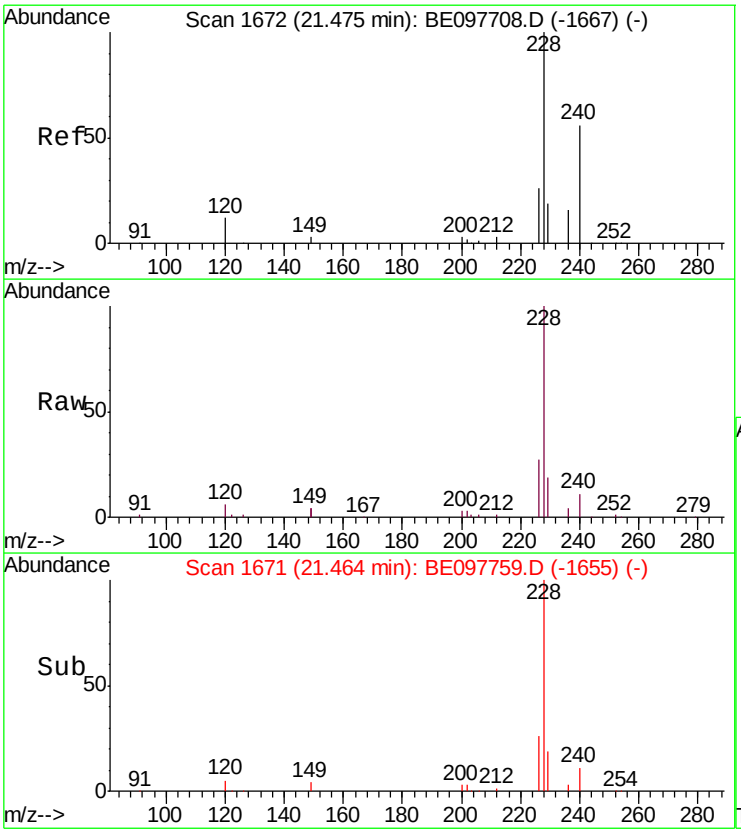
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 20813

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.8	38.8
122	9.9	8.7	13.1

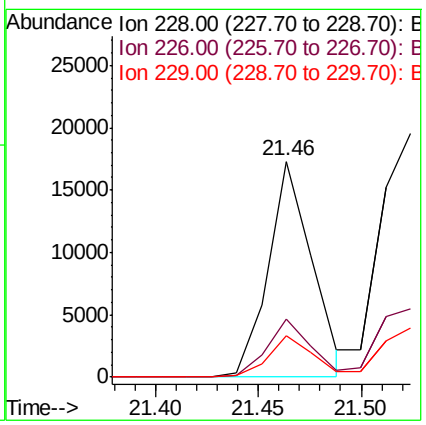


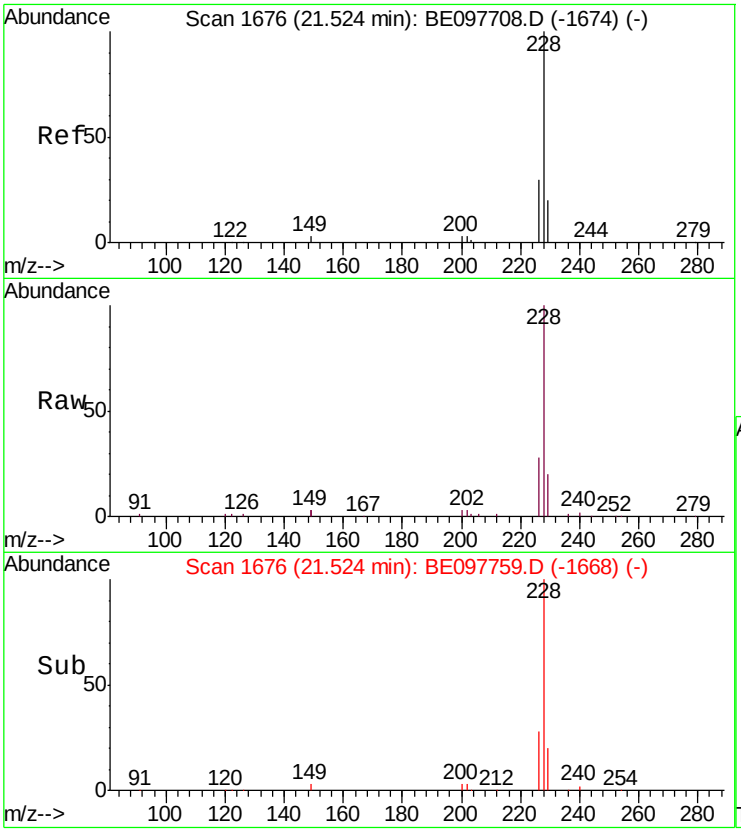


#30
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:228 Resp: 25506

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.7	31.1
229	19.2	15.7	23.5



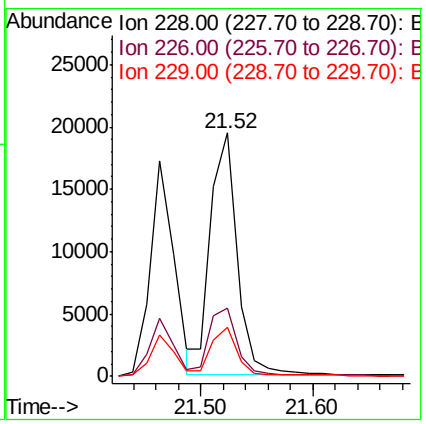


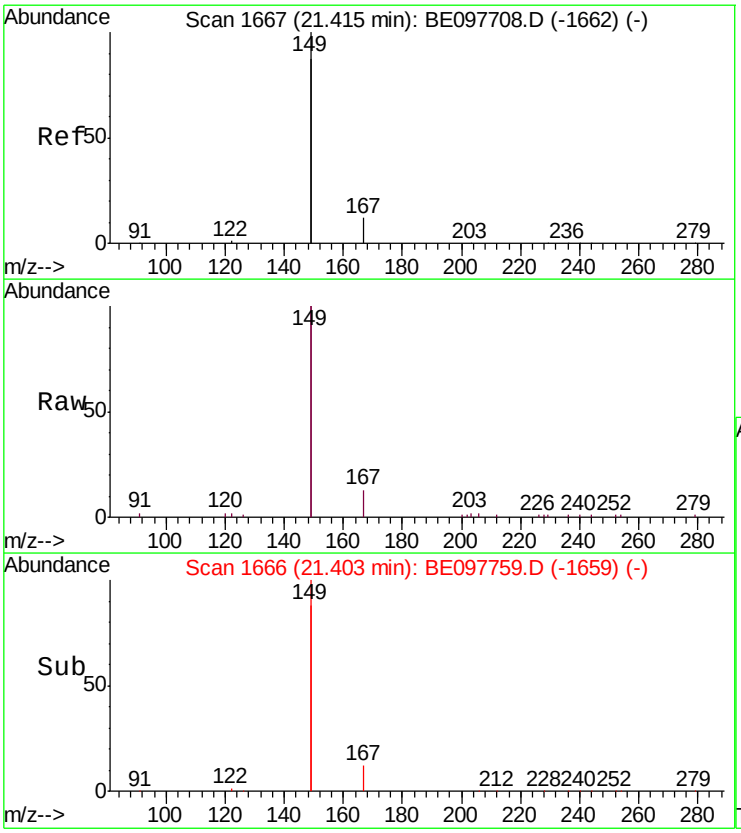
#31
Chrysene
Concen: 0.406 ng
RT: 21.52 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 31819

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.3	36.5
229	19.9	16.0	24.0

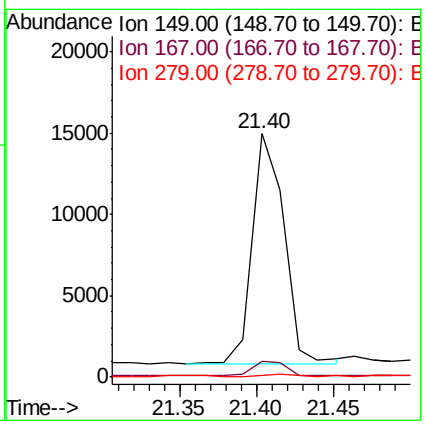


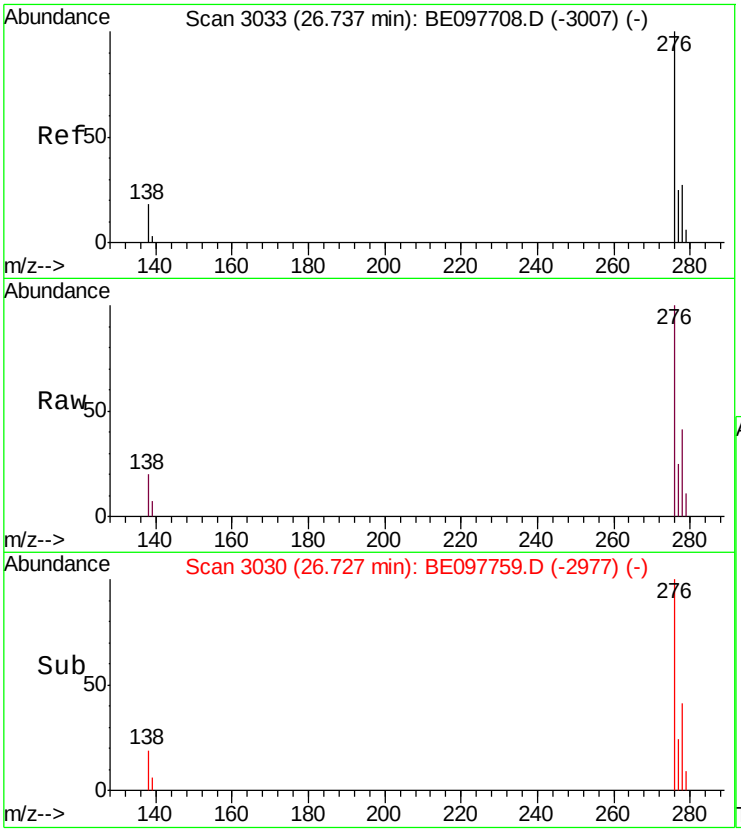


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:149 Resp: 20101

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	0.9	0.9	1.3



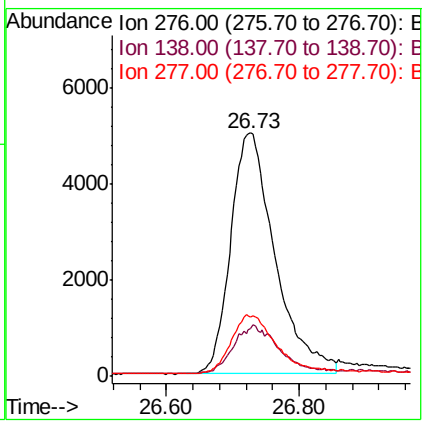


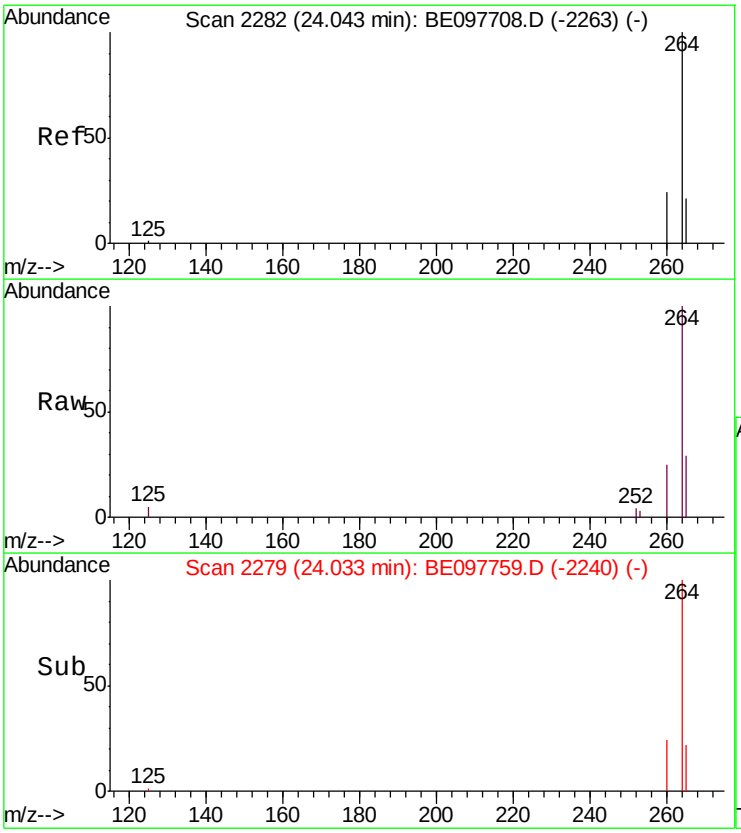
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23311

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.0	22.6
277	24.7	19.2	28.8

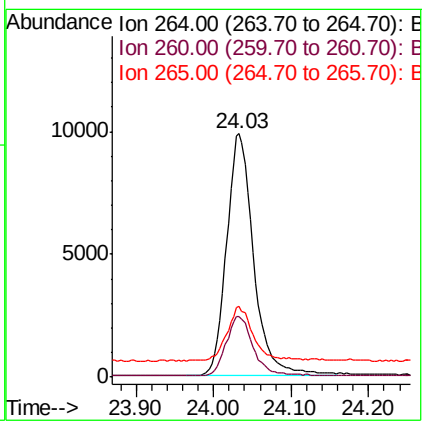


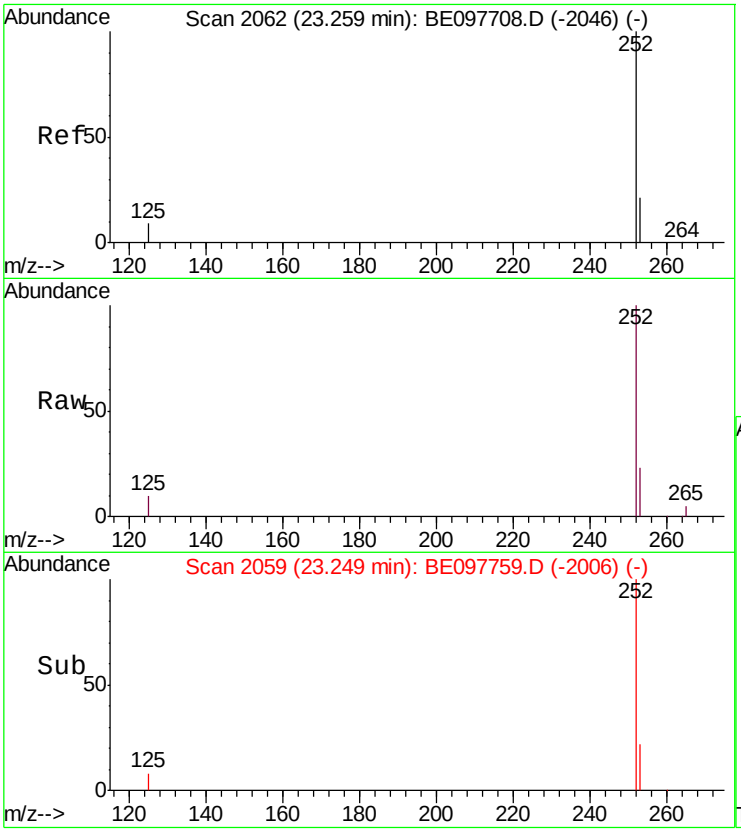


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:264 Resp: 23870

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	29.3	21.9	32.9



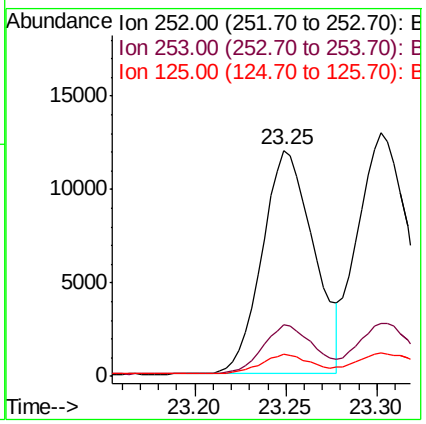


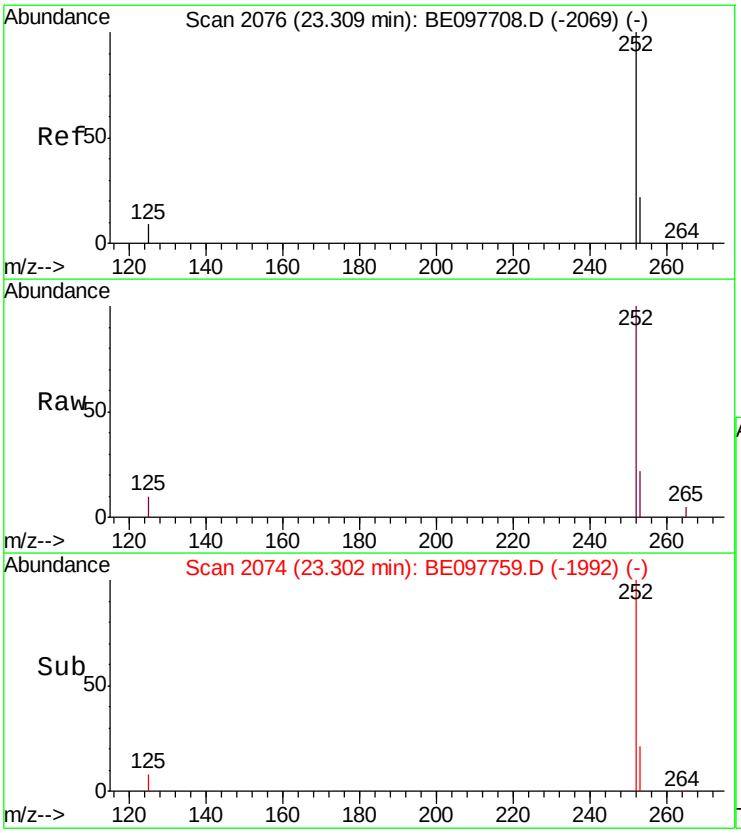
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.25 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 23617

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.6	7.8	11.8

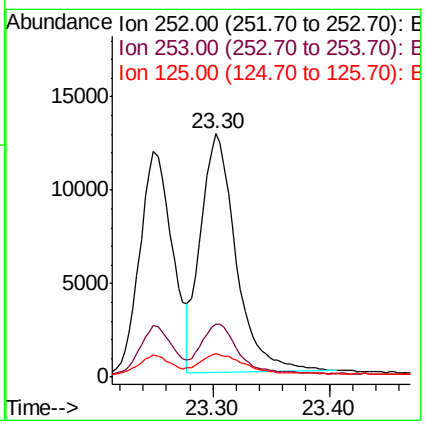


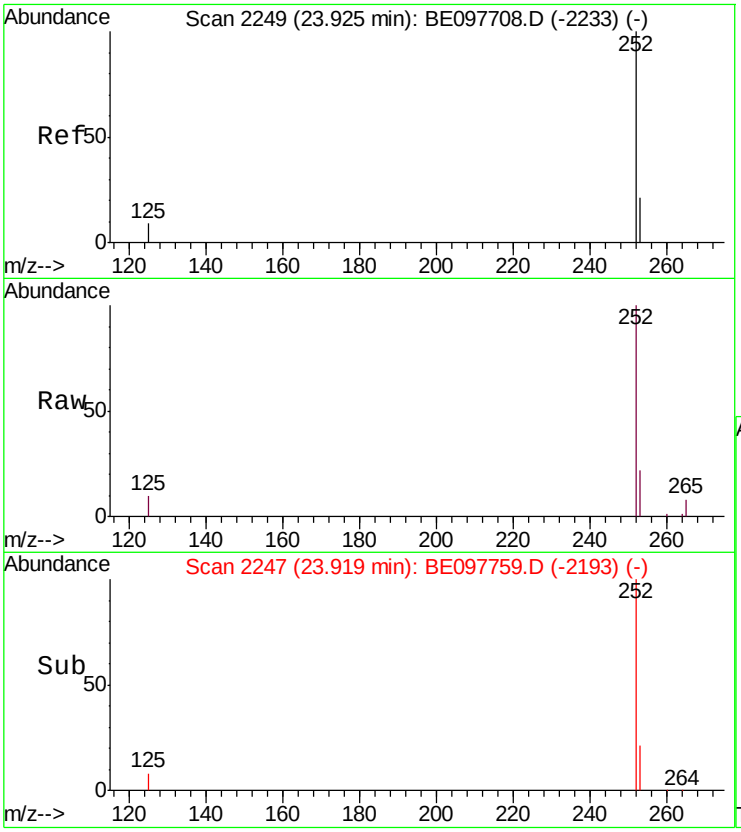


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:252 Resp: 27123

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	7.5	11.3



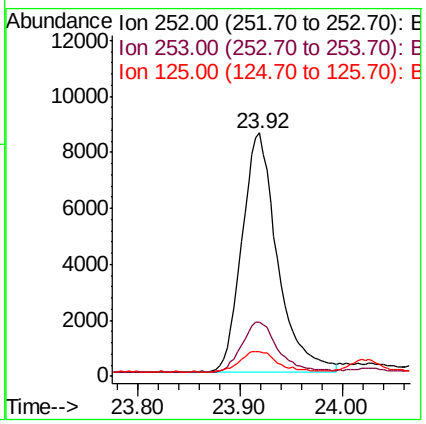


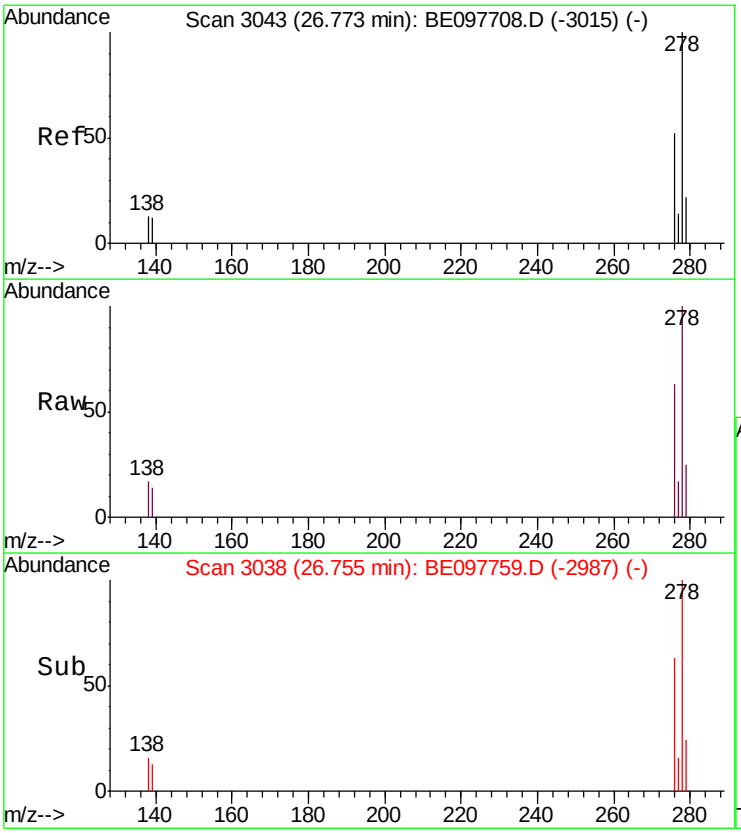
#37
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.92 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20737

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.0	8.3	12.5

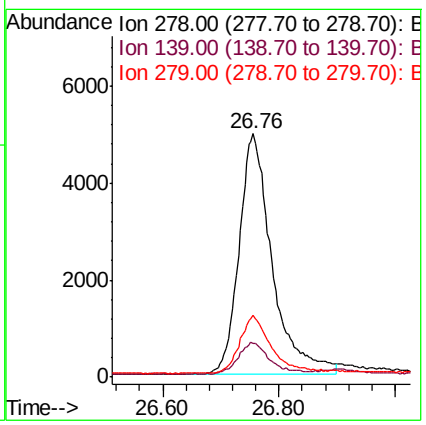


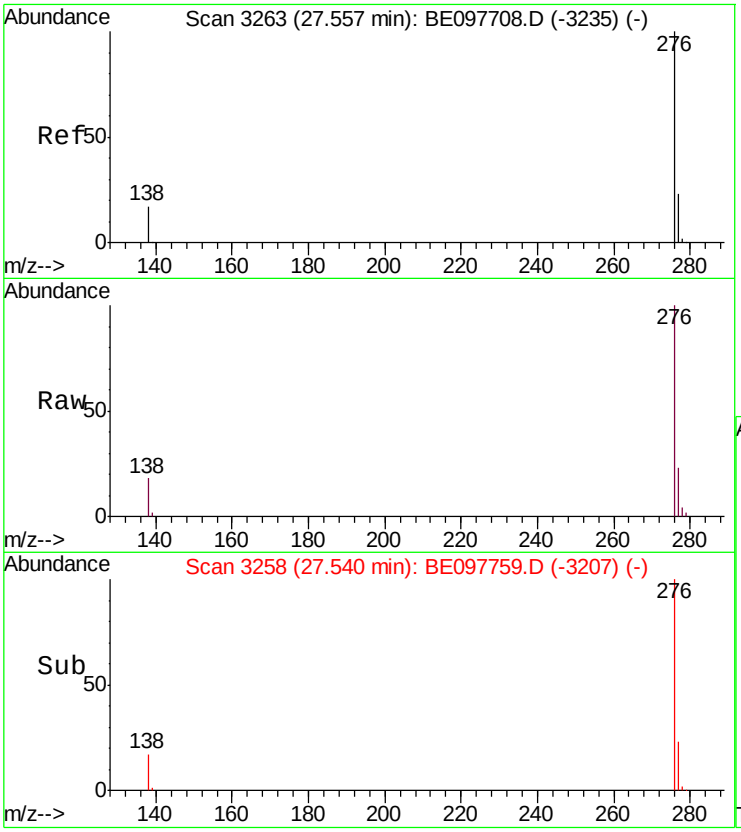


#38
Dibenzo(a,h)anthracene
Concen: 0.337 ng
RT: 26.76 min Scan# 3038
Delta R.T. -0.02 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:278 Resp: 19690

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.3	15.5
279	25.5	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 27.54 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21942

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	18.2	14.2	21.2