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

Quantitation Report (Not Reviewed)

Data File : BE097757.D
Acq On : 5 Oct 2018 16:25
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 06 04:18:55 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	3132	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	13393	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	7693	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	20954	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	25988	0.40	ng		-0.01
34) Perylene-d12	24.03	264	22216	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	2787	0.38	ng		-0.01
5) Phenol-d6	7.05	99	4140	0.36	ng		0.00
8) Nitrobenzene-d5	9.04	82	2625	0.60	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	8104	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	603	0.43	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	12800	0.38	ng		-0.02
25) Fluoranthene-d10	19.33	212	98986	0.37	ng		0.00
29) Terphenyl-d14	19.93	244	20896	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	2457	0.394	ng		97
3) n-Nitrosodimethylamine	3.71	42	1938	0.341	ng	#	88
6) bis(2-Chloroethyl)ether	7.31	93	4492	0.382	ng		99
9) Naphthalene	10.74	128	51967	0.385	ng		100
10) Hexachlorobutadiene	11.03	225	2767	0.386	ng		98
12) 2-Methylnaphthalene	12.37	142	8173	0.378	ng		99
16) Acenaphthylene	14.27	152	12022	0.353	ng		98
17) Acenaphthene	14.62	154	8255	0.378	ng		99
18) Fluorene	15.59	166	10942	0.378	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	4178	0.380	ng	#	84
21) Hexachlorobenzene	16.60	284	4506	0.364	ng		98
22) Pentachlorophenol	16.94	266	844	0.435	ng	#	87
23) Phenanthrene	17.34	178	20812	0.385	ng		100
24) Anthracene	17.43	178	16704	0.358	ng		99
26) Fluoranthene	19.36	202	25463	0.370	ng		99
28) Pyrene	19.72	202	26210	0.397	ng		99
30) Benzo(a)anthracene	21.46	228	24554	0.351	ng		98
31) Chrysene	21.52	228	31619	0.405	ng		98
32) Bis(2-ethylhexyl)phthalate	21.40	149	19663	0.385	ng		100
33) Indeno(1,2,3-cd)pyrene	26.72	276	22458	0.331	ng		98
35) Benzo(b)fluoranthene	23.25	252	22741	0.373	ng		98
36) Benzo(k)fluoranthene	23.30	252	27131	0.401	ng		99
37) Benzo(a)pyrene	23.92	252	19837	0.359	ng		99
38) Dibenzo(a,h)anthracene	26.75	278	18861	0.347	ng		97
39) Benzo(g,h,i)perylene	27.54	276	20864	0.367	ng		98

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

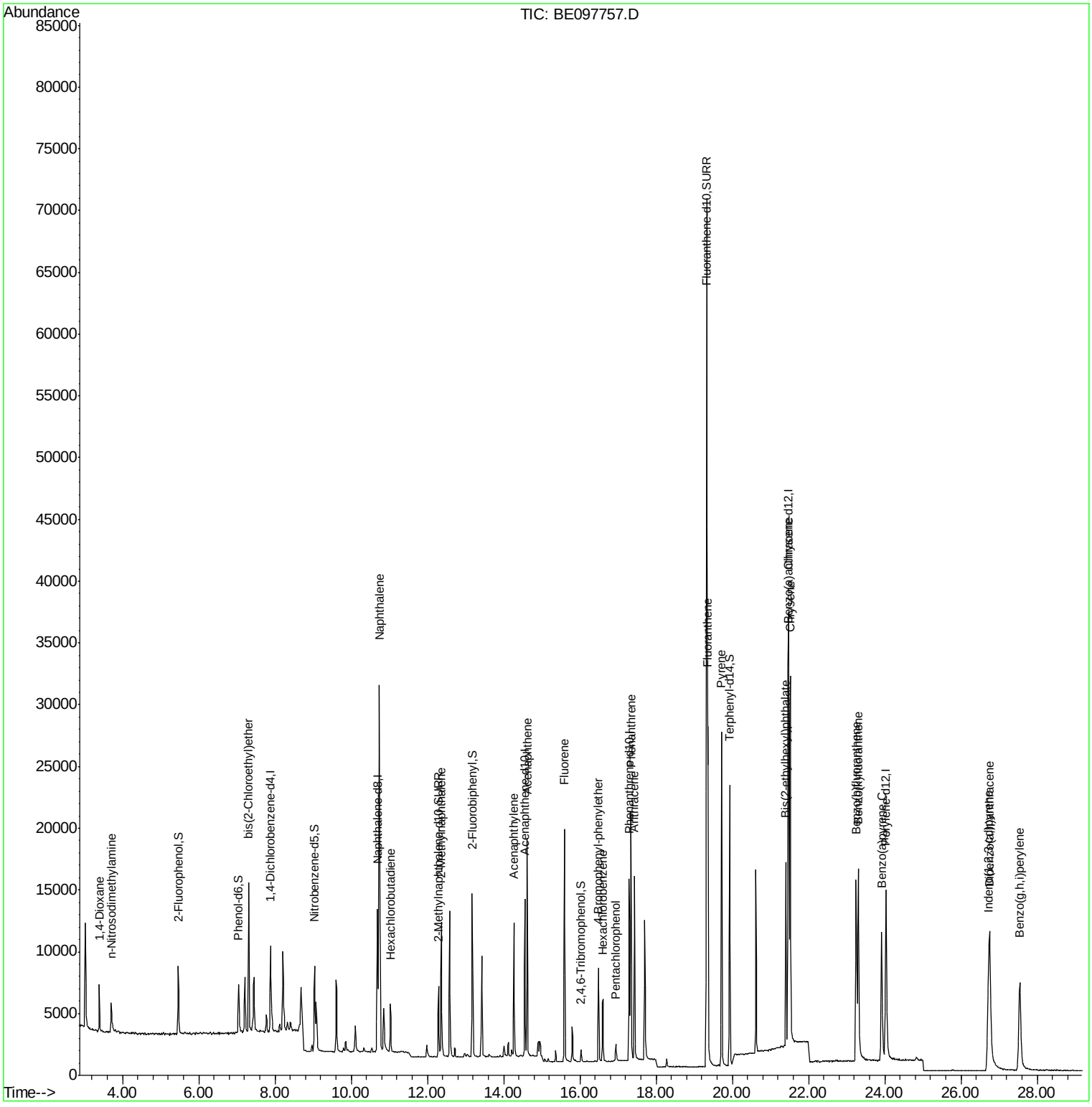
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\

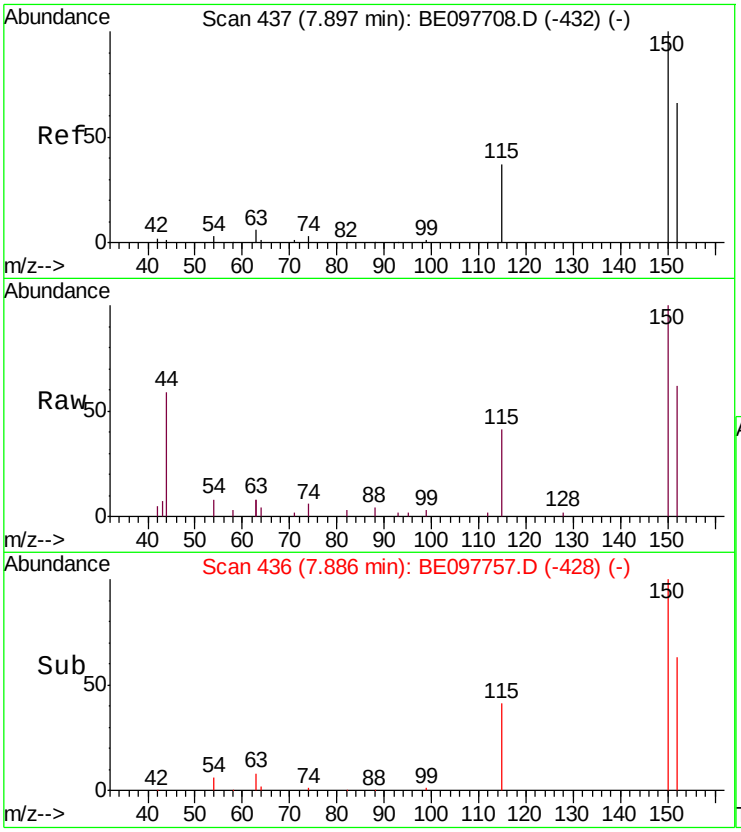
Quantitation Report (Not Reviewed)

Data File : BE097757.D
Acq On : 5 Oct 2018 16:25
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 06 04:18:55 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



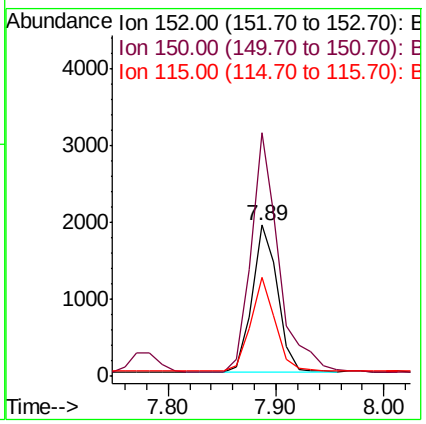


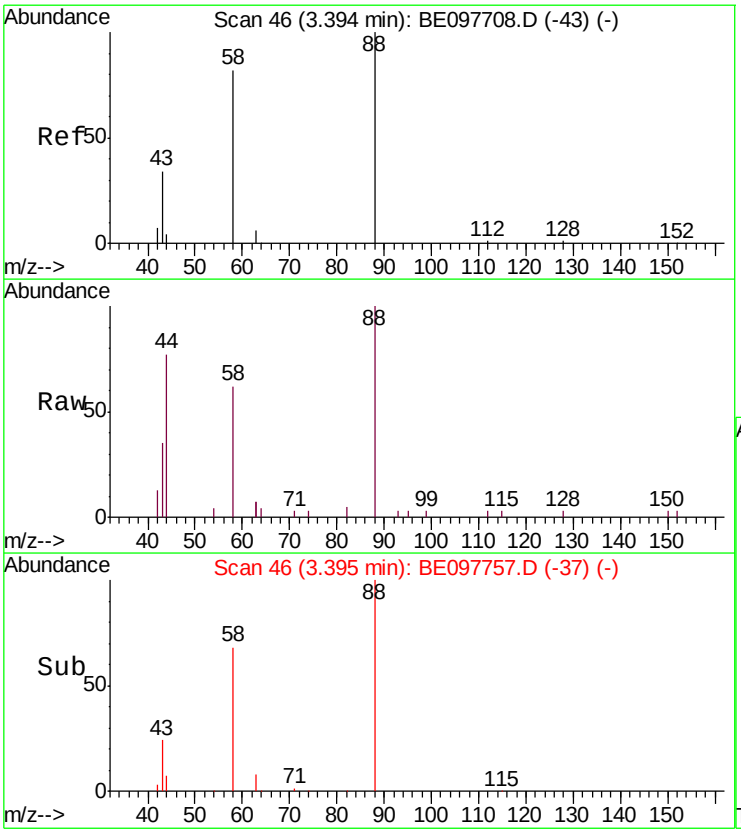
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3132

Ion	Ratio	Lower	Upper
152	100		
150	161.4	120.9	181.3
115	66.0	46.6	69.8

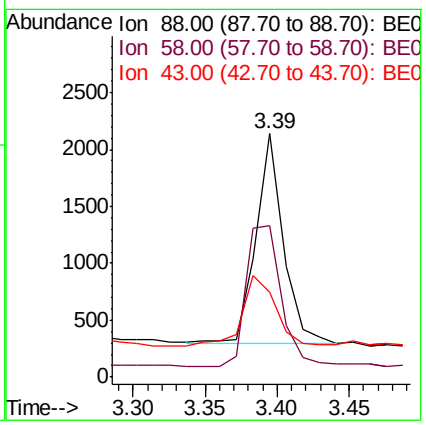


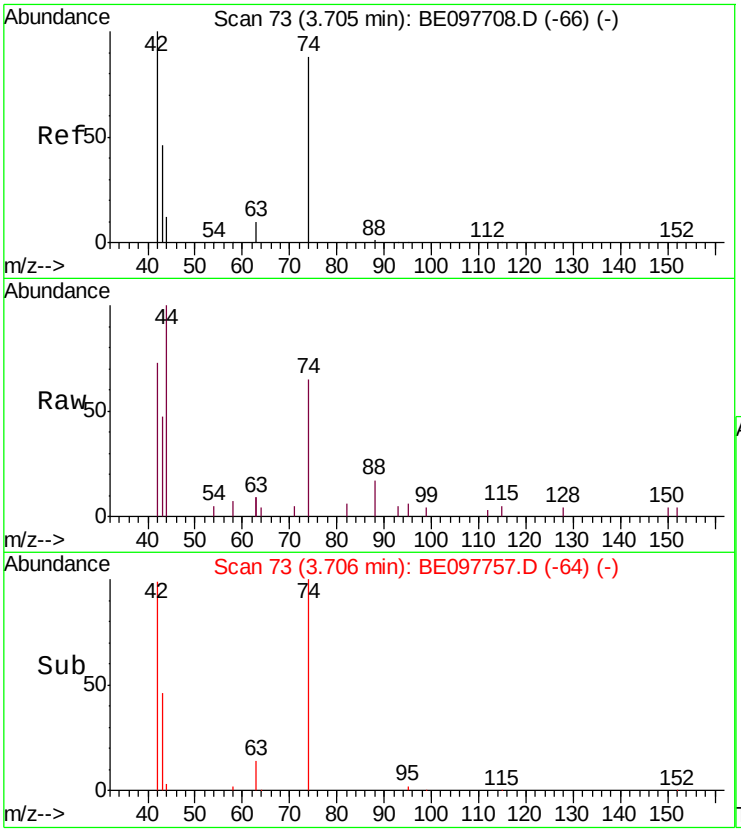


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion: 88 Resp: 2457

Ion	Ratio	Lower	Upper
88	100		
58	85.1	70.8	106.2
43	40.5	33.3	49.9



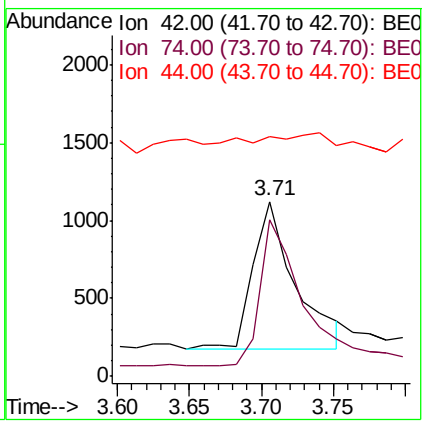


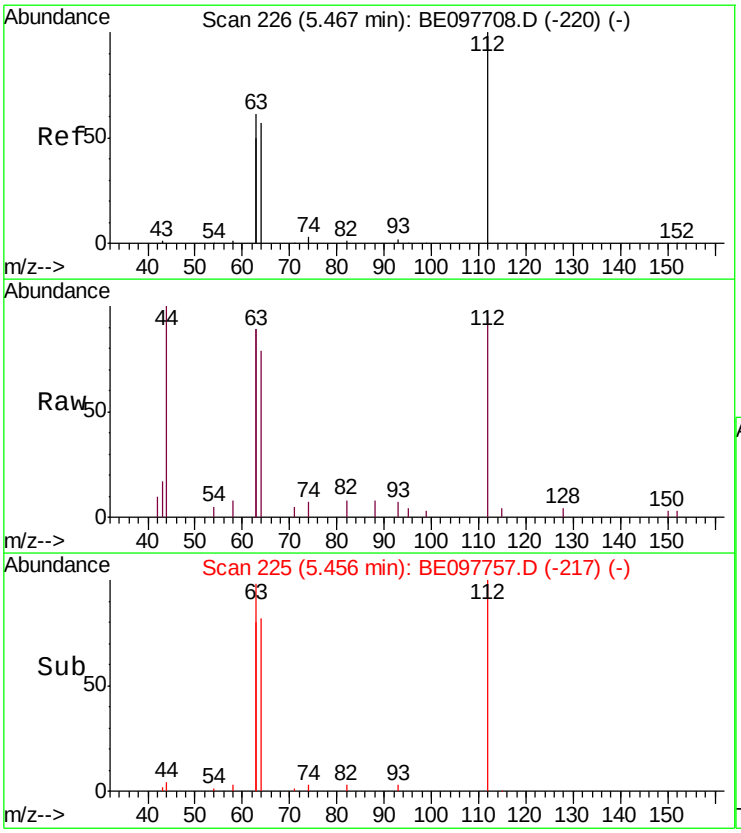
#3
n-Nitrosodimethylamine
Concen: 0.341 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1938

Ion	Ratio	Lower	Upper
42	100		
74	93.4	70.7	106.1
44	0.0	15.0	22.4#

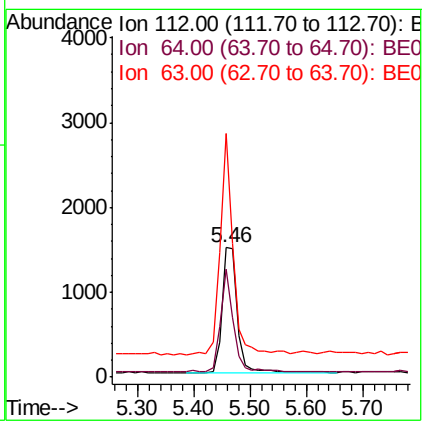


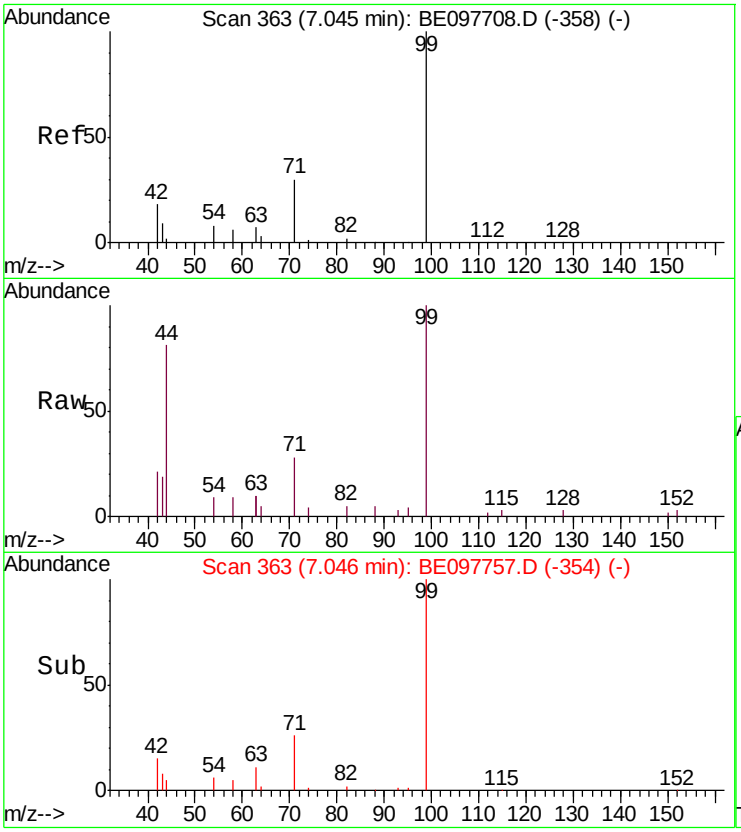


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:112 Resp: 2787

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.6	84.8
63	147.3	119.4	179.0



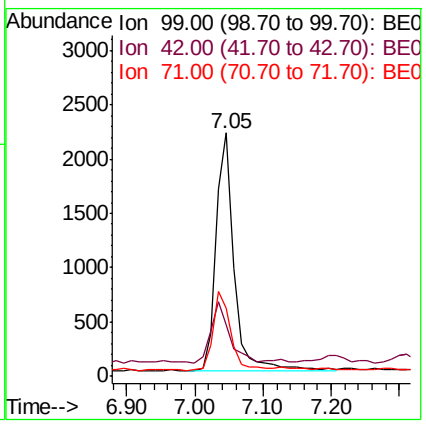


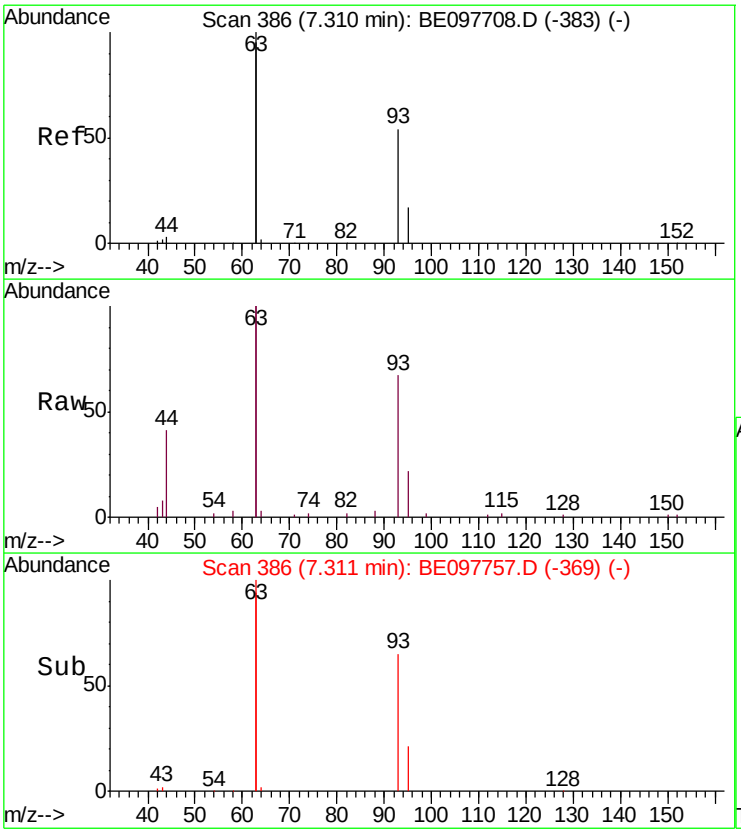
#5
Phenol-d6
Concen: 0.365 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4140

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.9	29.9
71	33.6	25.4	38.2

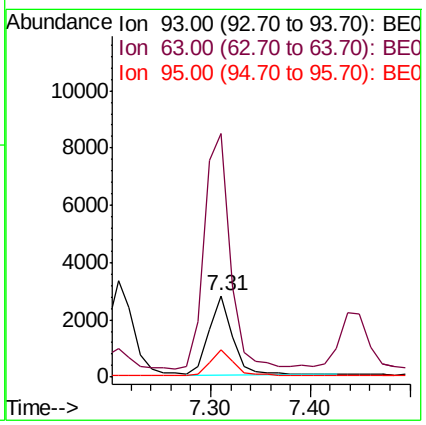


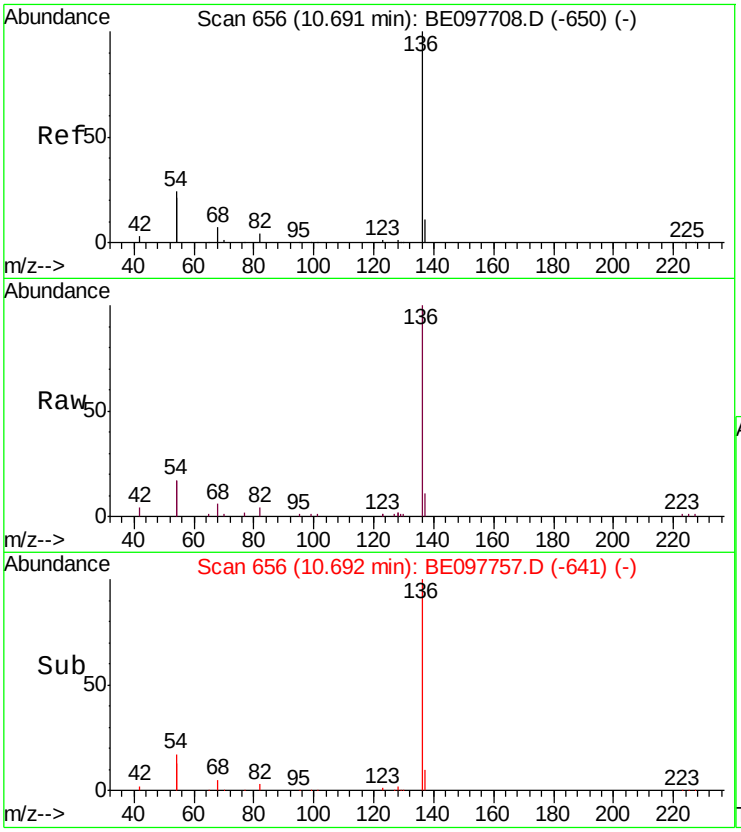


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion: 93 Resp: 4492

Ion	Ratio	Lower	Upper
93	100		
63	331.3	266.9	400.3
95	31.5	26.2	39.2



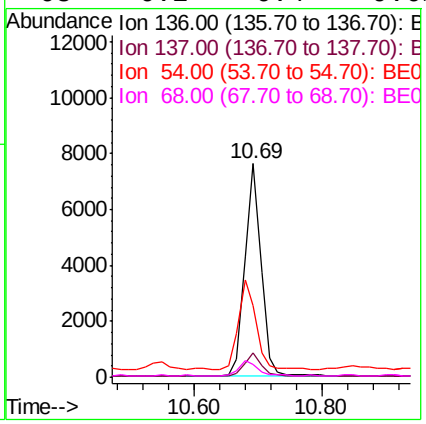


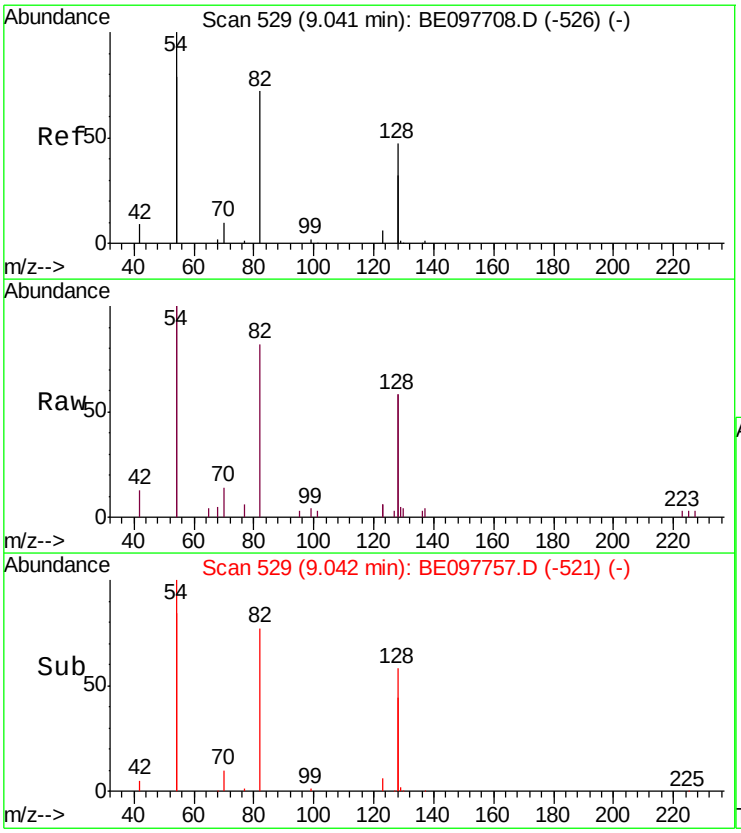
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13393

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	33.7	37.8	56.6#
68	6.2	6.4	9.6#

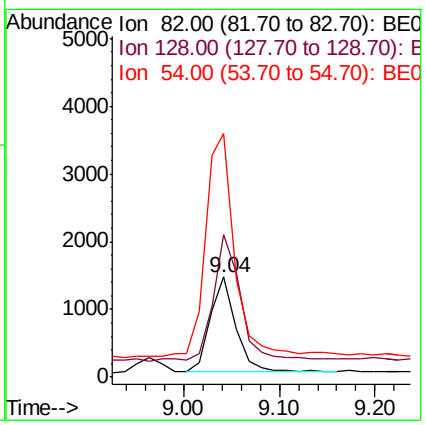


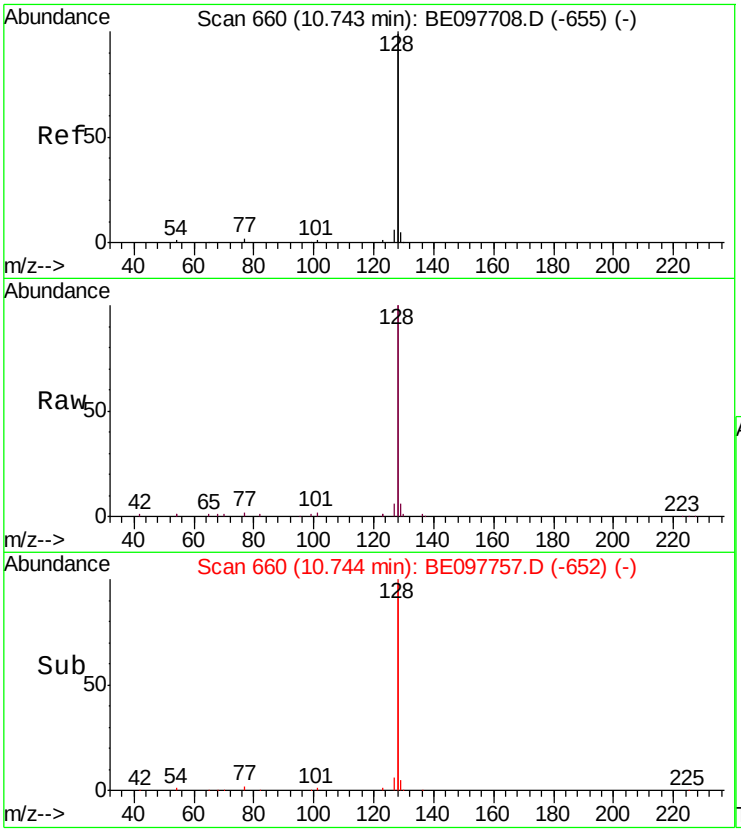


#8
Nitrobenzene-d5
Concen: 0.604 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion: 82 Resp: 2625

Ion	Ratio	Lower	Upper
82	100		
128	141.9	97.0	145.4
54	243.1	206.9	310.3



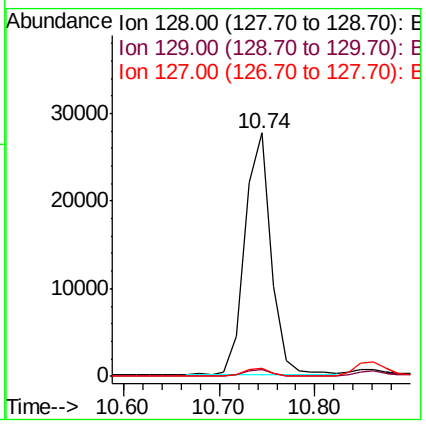


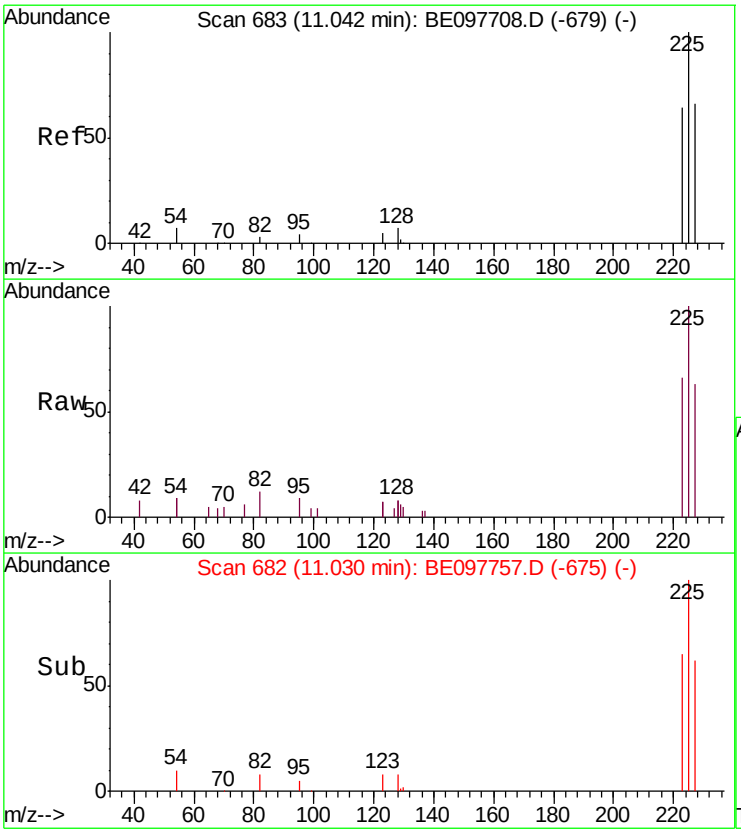
#9
Naphthalene
Concen: 0.385 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 51967

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

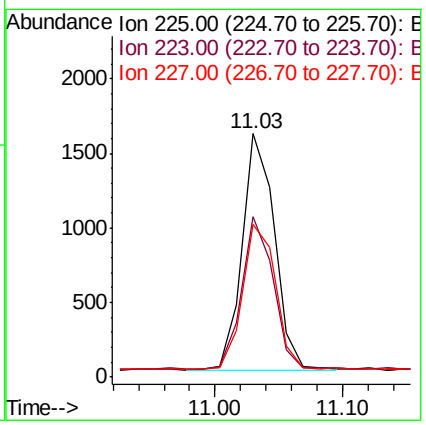


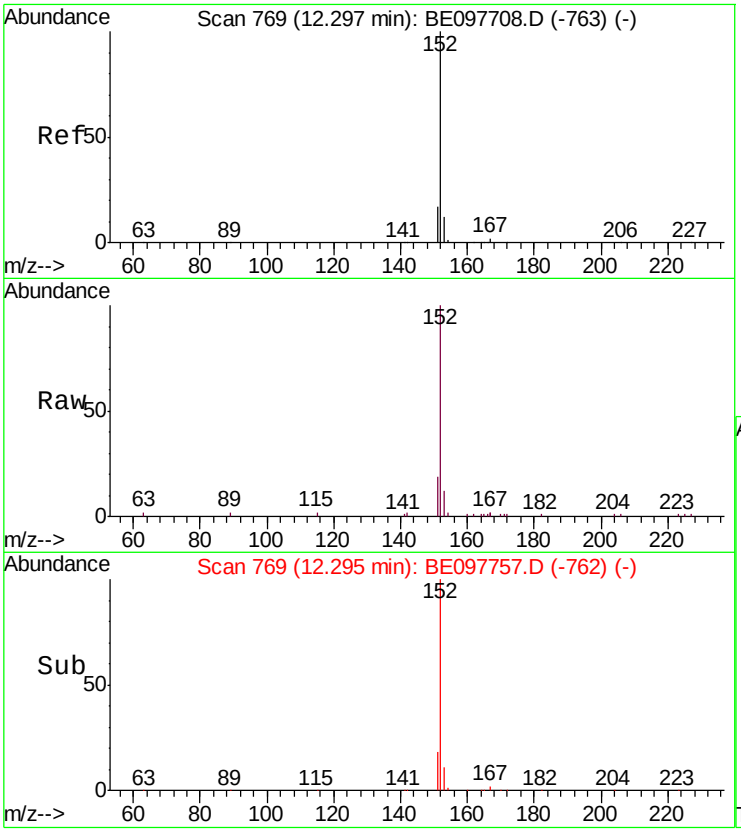


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:225 Resp: 2767

Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.2	78.4
227	63.1	51.2	76.8



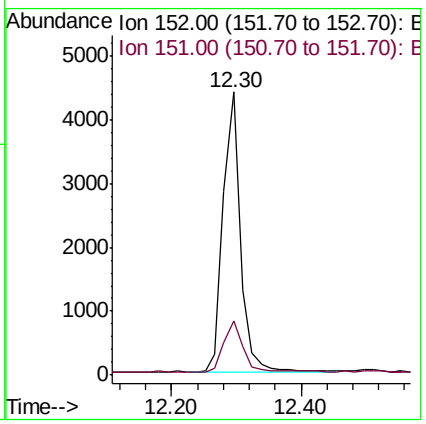


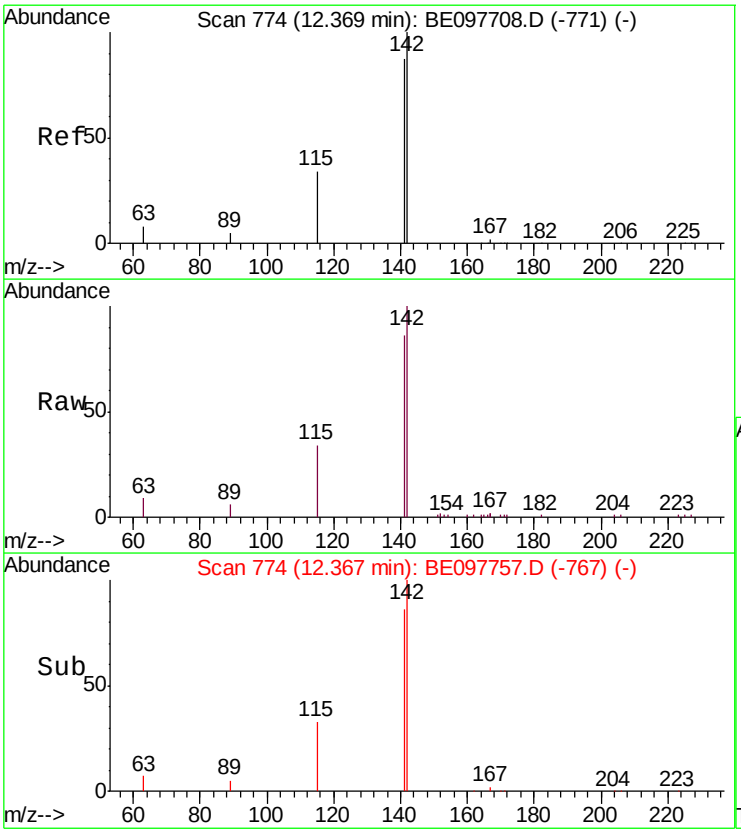
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8104

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.2

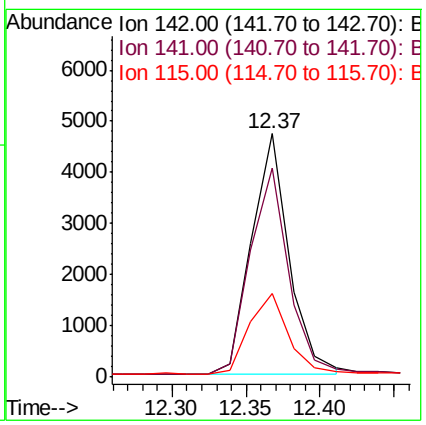


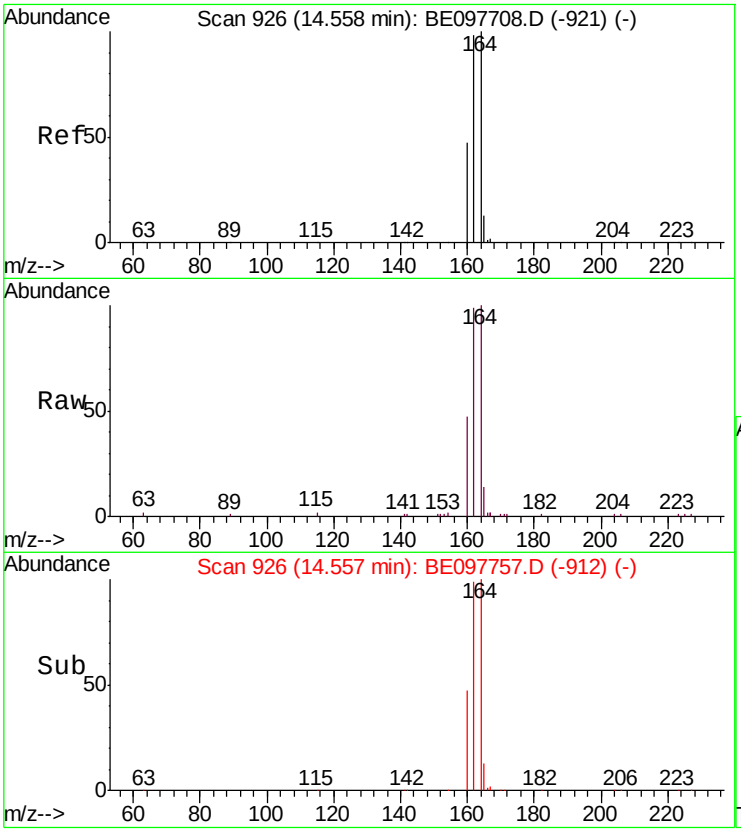


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:142 Resp: 8173

Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.4	104.2
115	34.4	28.0	42.0



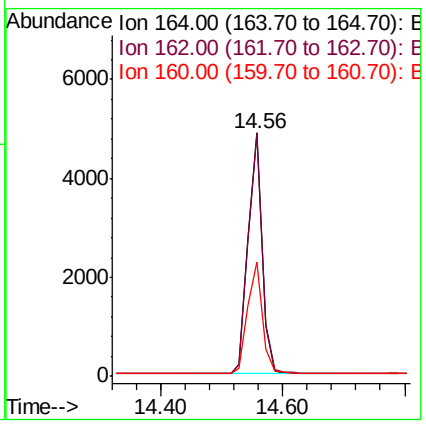


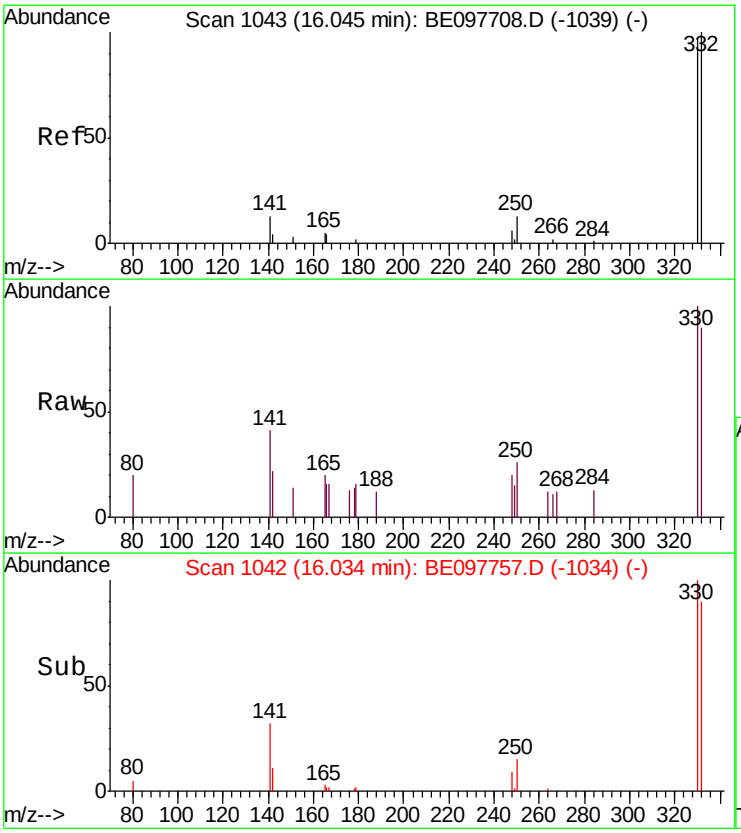
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7693

Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.6	117.8
160	47.2	37.8	56.6

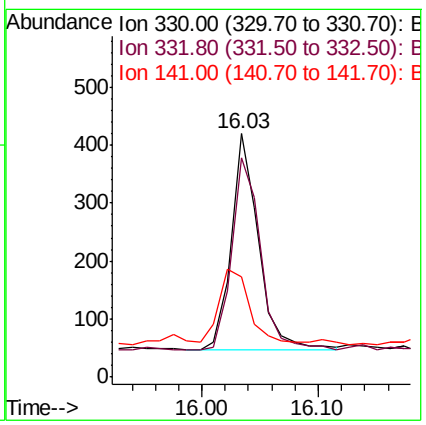


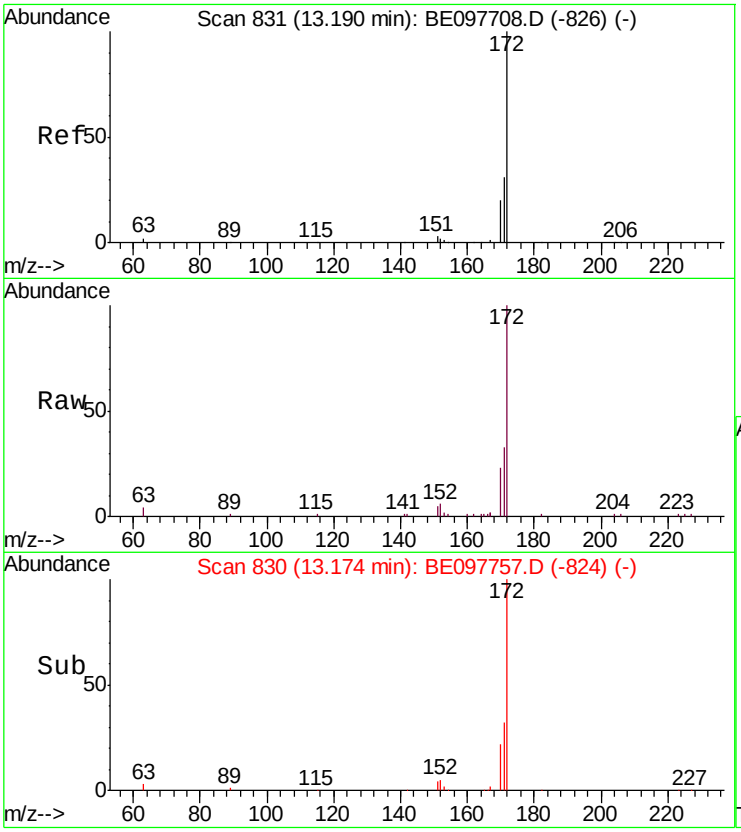


#14
2,4,6-Tribromophenol
Concen: 0.432 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:330 Resp: 603

Ion	Ratio	Lower	Upper
330	100		
332	95.5	83.5	125.3
141	39.5	34.9	52.3



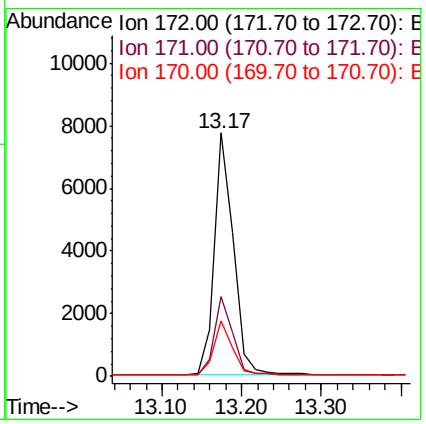


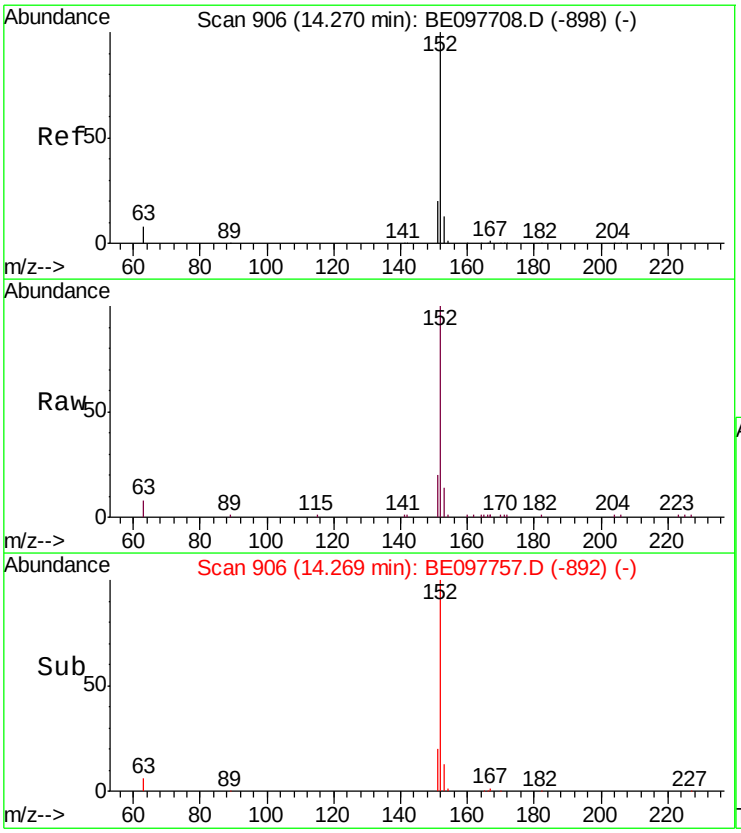
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12800

Ion	Ratio	Lower	Upper
172	100		
171	32.8	25.2	37.8
170	22.7	16.2	24.2

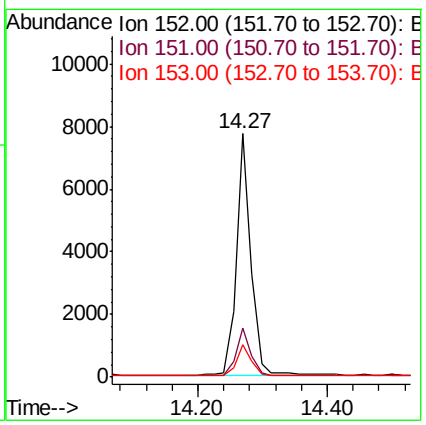


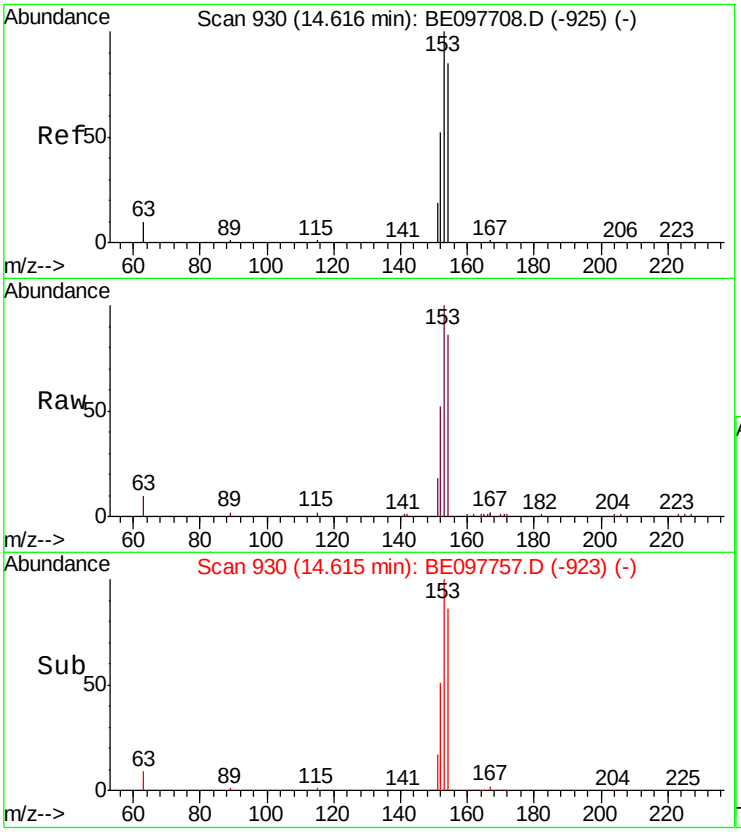


#16
Acenaphthylene
Concen: 0.353 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:152 Resp: 12022

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.3	22.9
153	13.0	10.8	16.2



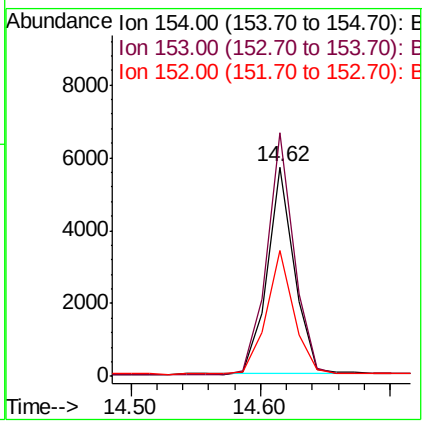


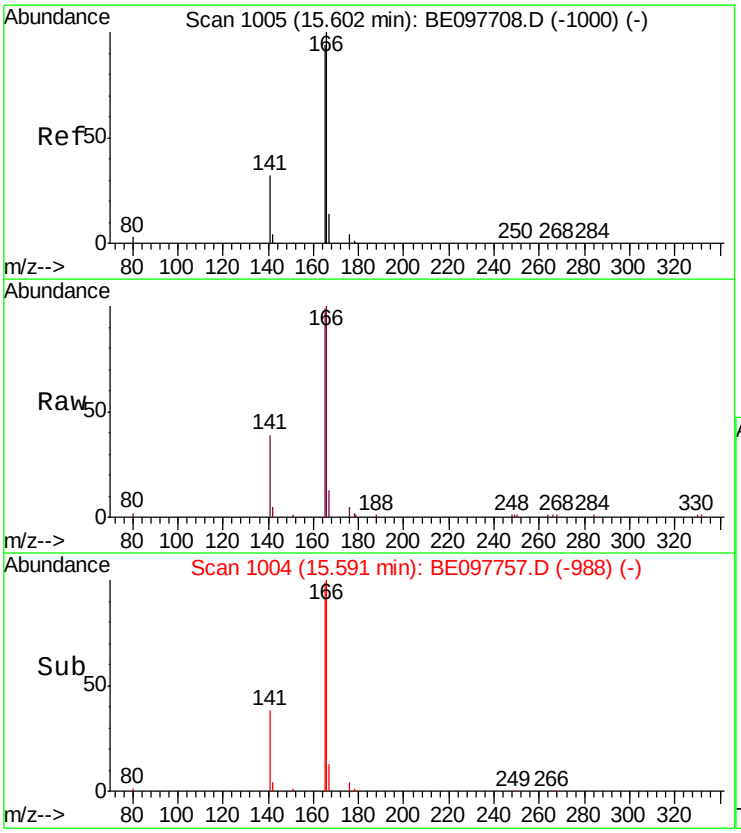
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8255

Ion	Ratio	Lower	Upper
154	100		
153	117.2	93.3	139.9
152	60.5	48.9	73.3

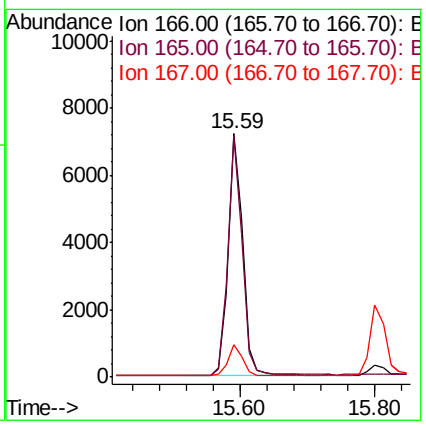


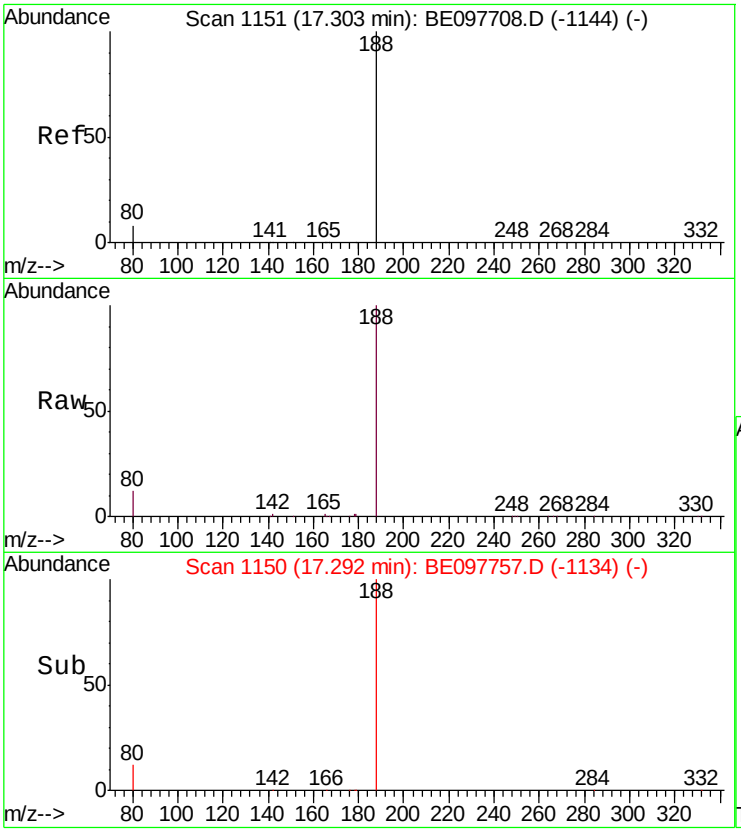


#18
Fluorene
Concen: 0.378 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:166 Resp: 10942

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	12.8	11.1	16.7



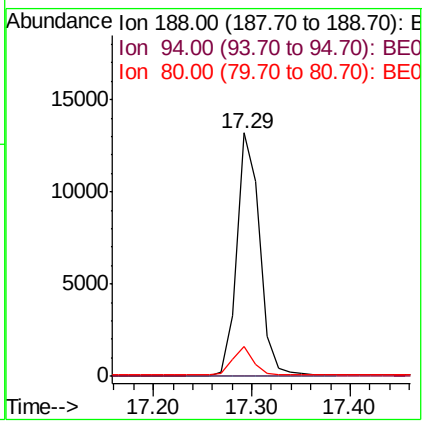


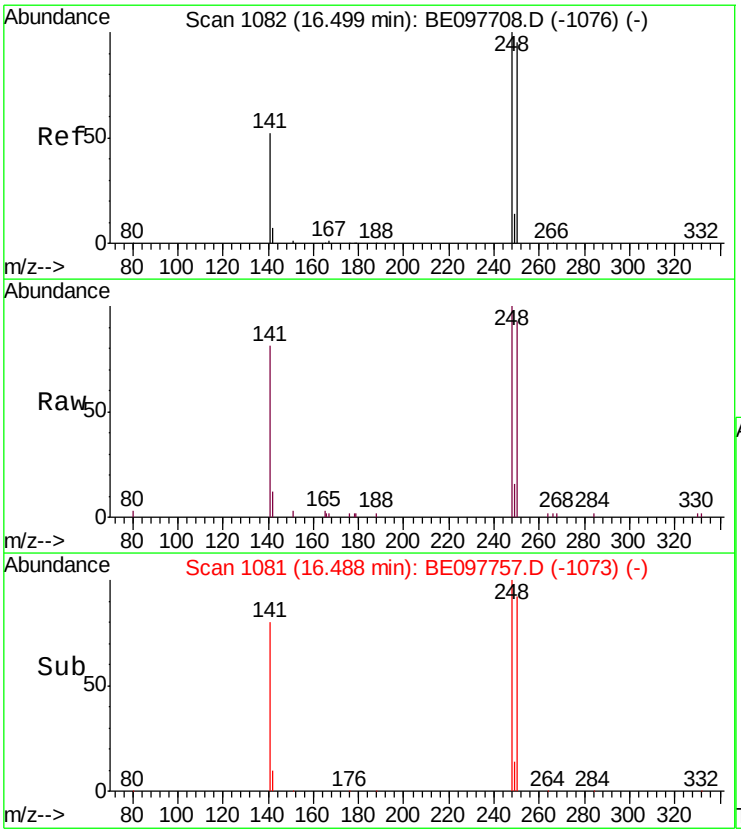
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20954

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	6.6	9.8#

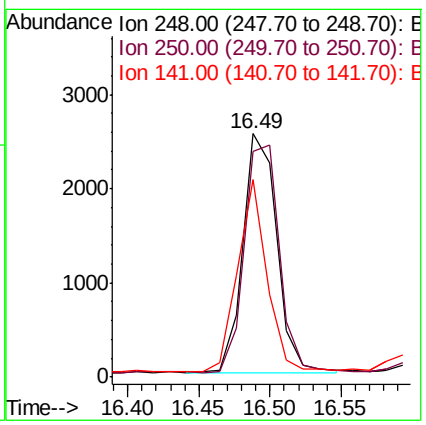


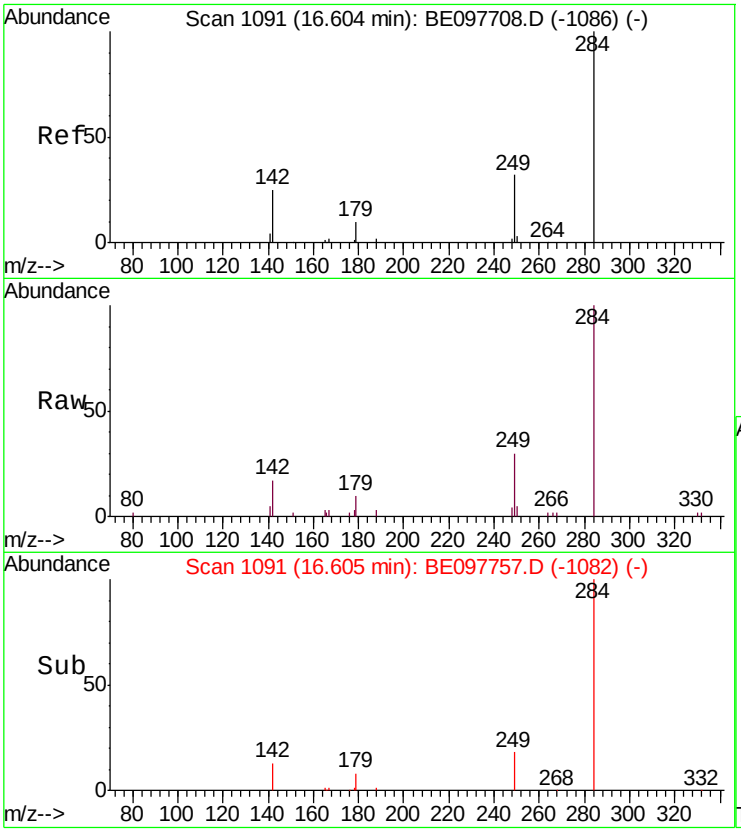


#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:248 Resp: 4178

Ion	Ratio	Lower	Upper
248	100		
250	92.5	76.1	114.1
141	81.1	42.2	63.4#



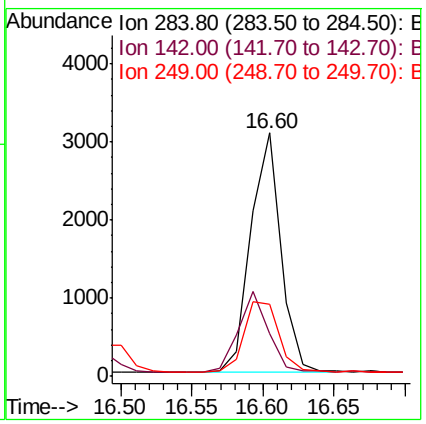


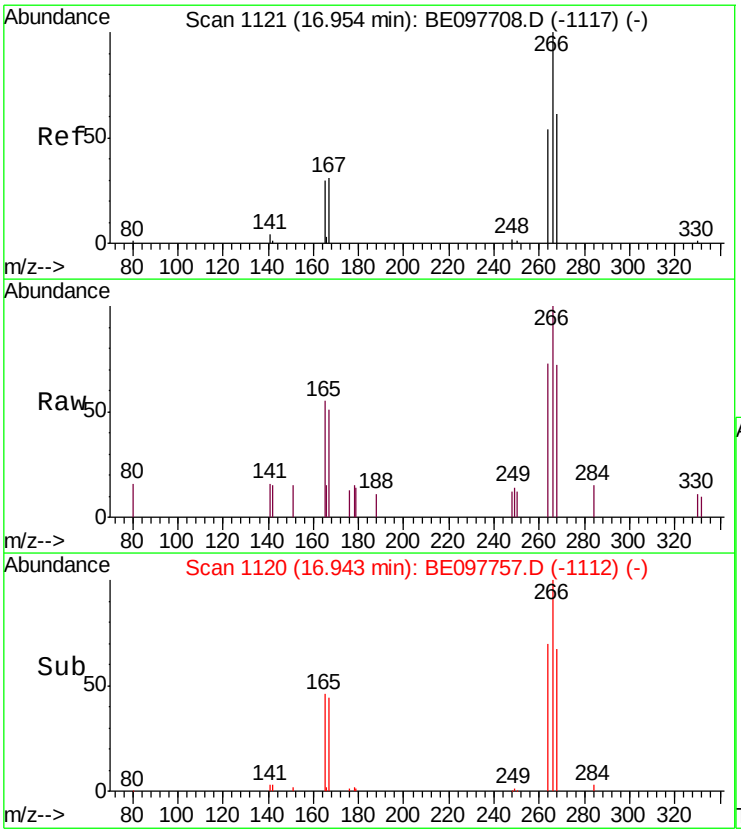
#21
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:284 Resp: 4506

Ion	Ratio	Lower	Upper
284	100		
142	32.6	24.9	37.3
249	33.6	25.8	38.8

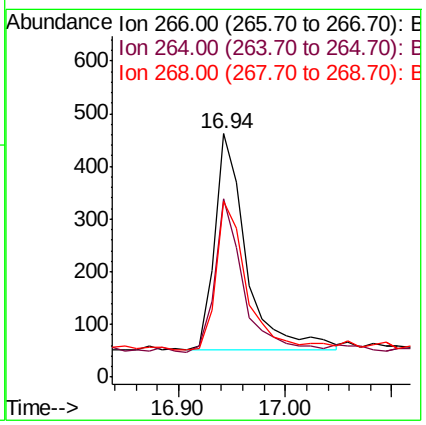


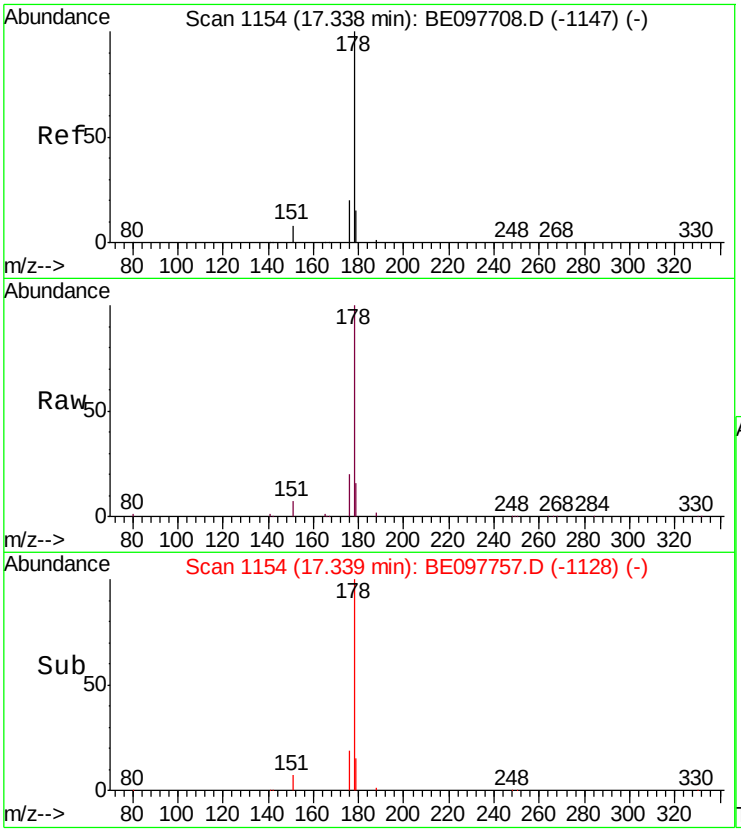


#22
Pentachlorophenol
Concen: 0.435 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:266 Resp: 844

Ion	Ratio	Lower	Upper
266	100		
264	73.4	46.8	70.2#
268	72.3	53.0	79.6



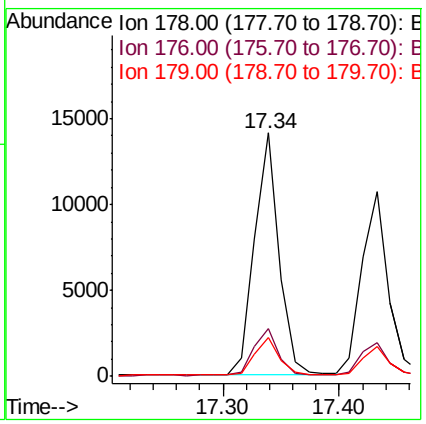


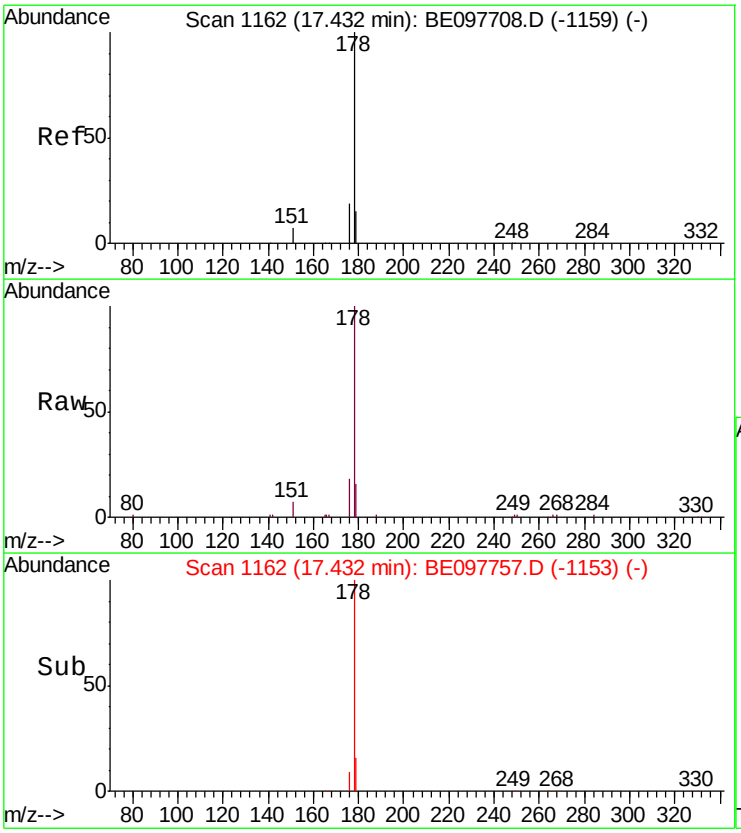
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:178 Resp: 20812

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.2	18.4

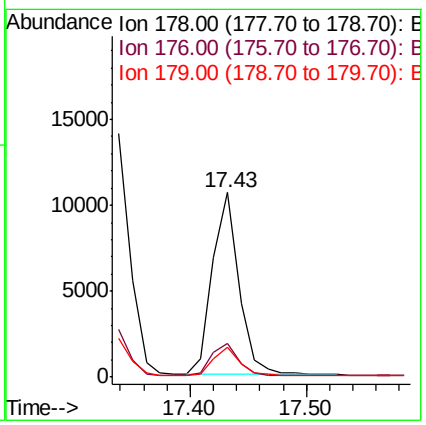


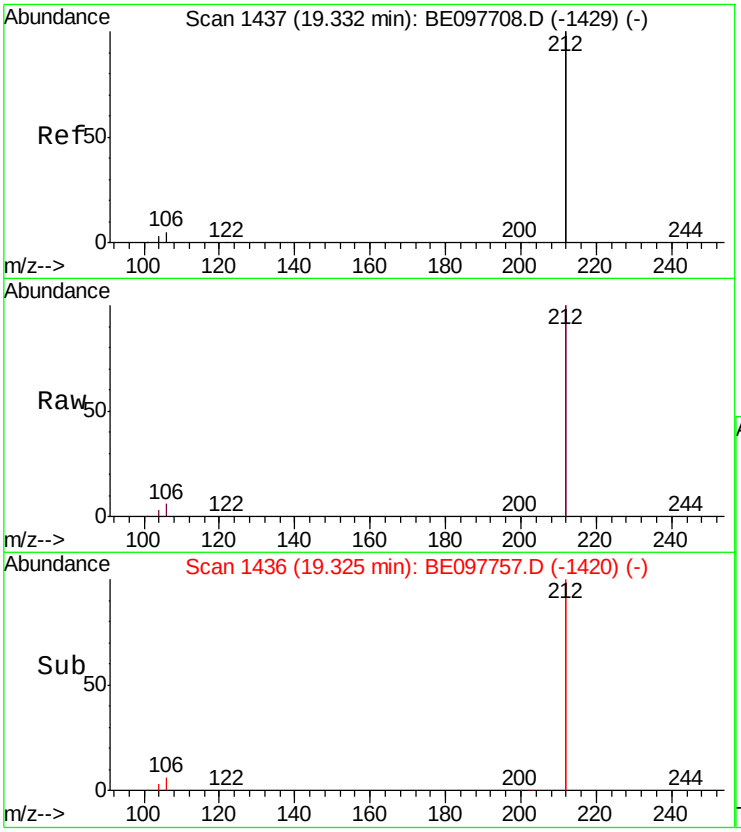


#24
Anthracene
Concen: 0.358 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:178 Resp: 16704

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.5	12.2	18.2



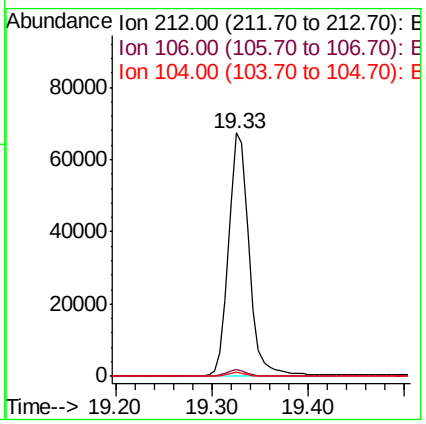


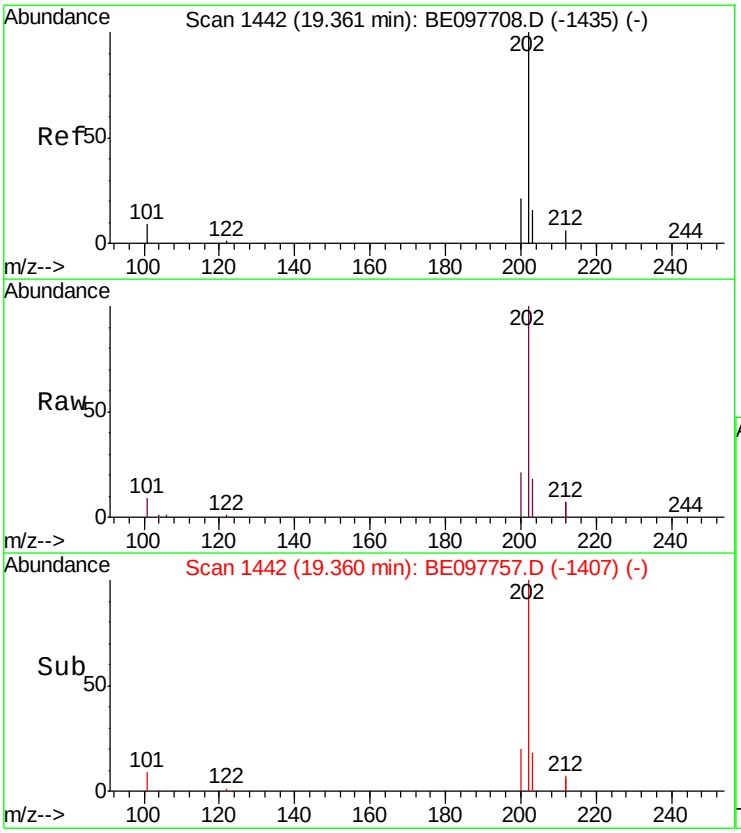
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:212 Resp: 98986

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.2	1.8

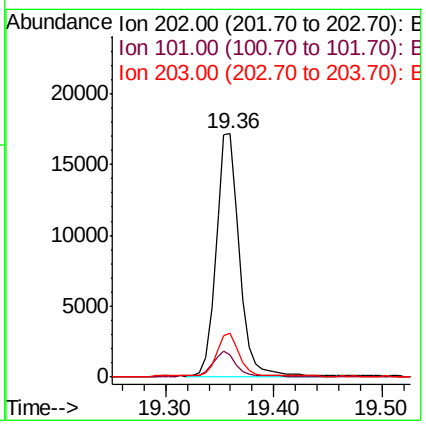


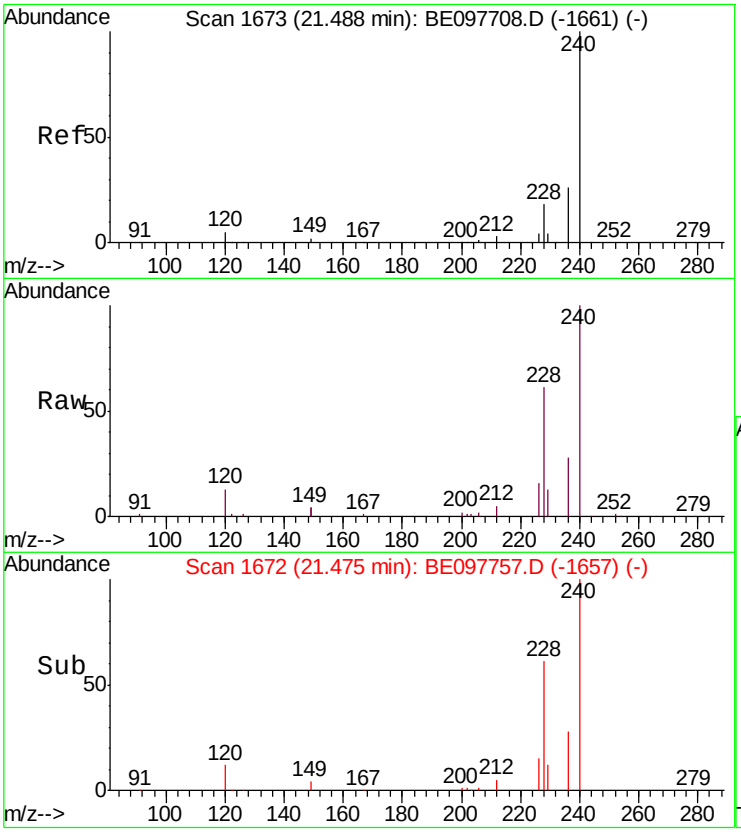


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.36 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:202 Resp: 25463

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.8
203	17.1	13.8	20.6



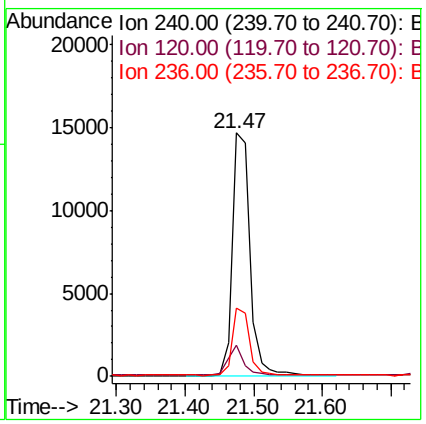


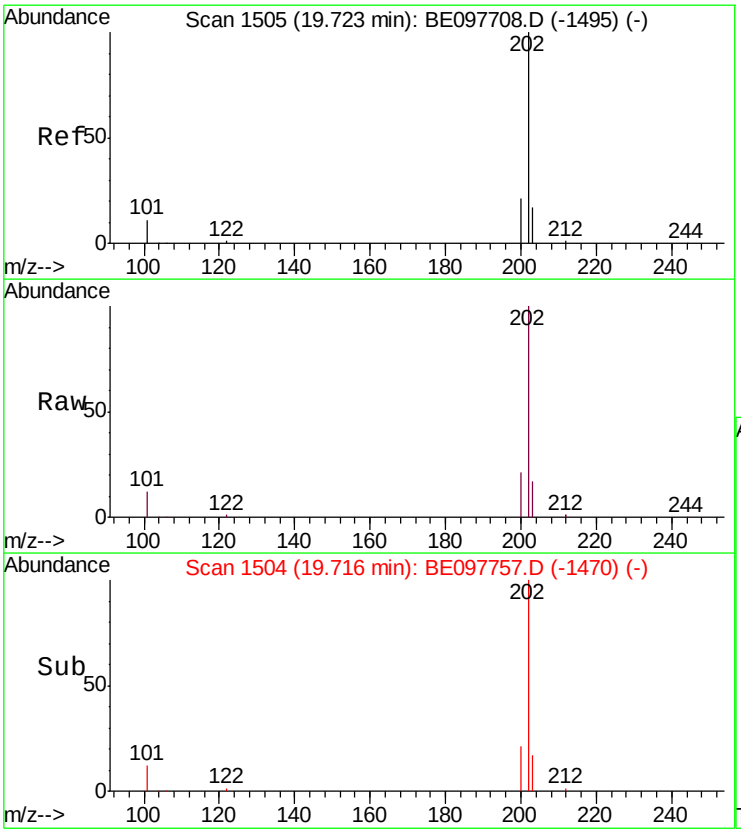
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 25988

Ion	Ratio	Lower	Upper
240	100		
120	12.5	4.7	7.1#
236	28.2	20.8	31.2

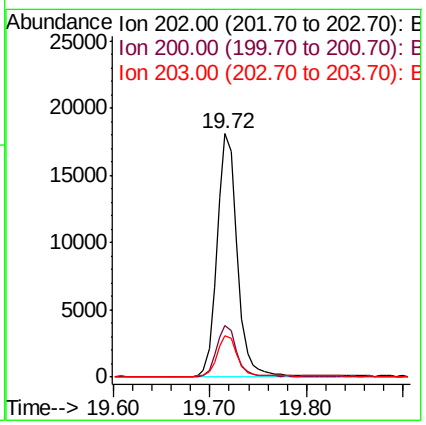


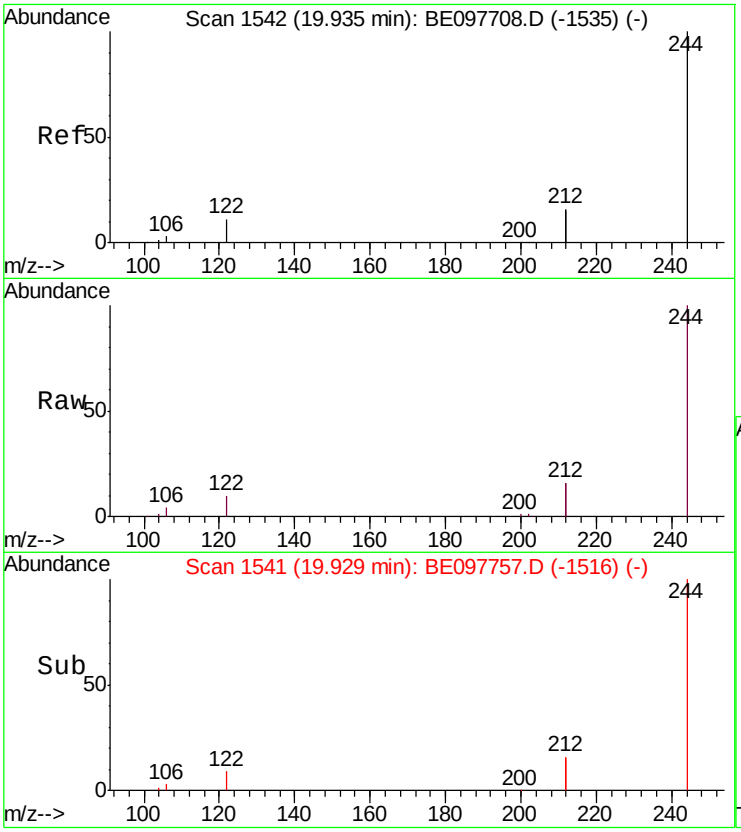


#28
Pyrene
Concen: 0.397 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:202 Resp: 26210

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	16.9	13.9	20.9



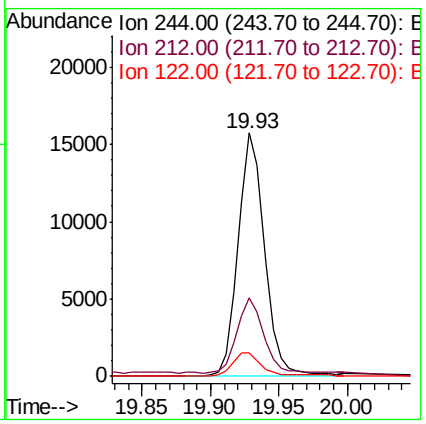


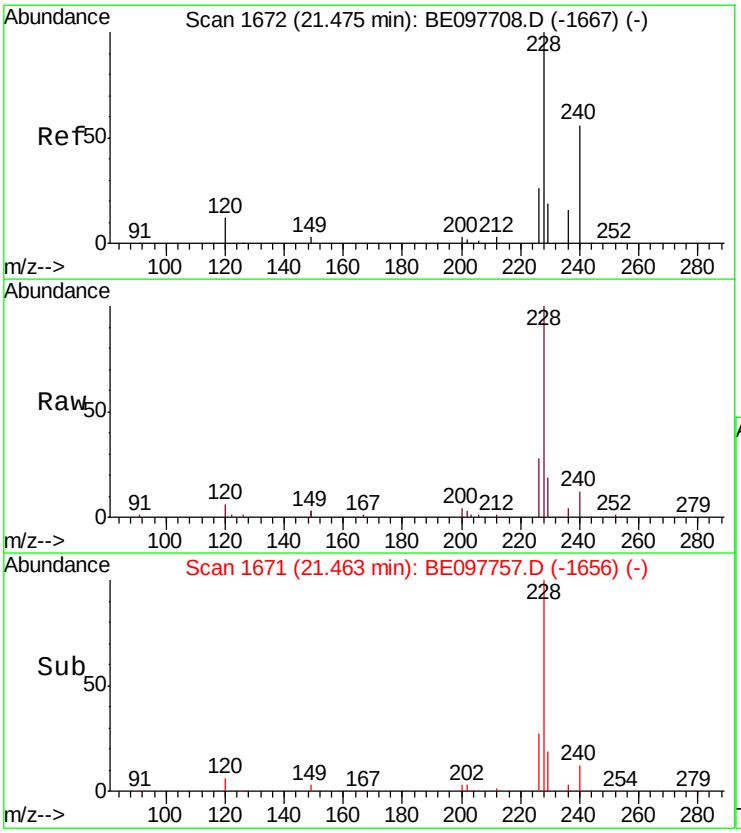
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument : MSVOA_V
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:244 Resp: 20896

Ion	Ratio	Lower	Upper
244	100		
212	32.2	25.8	38.8
122	9.6	8.7	13.1

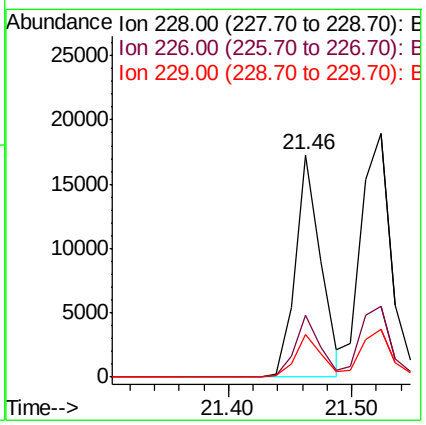


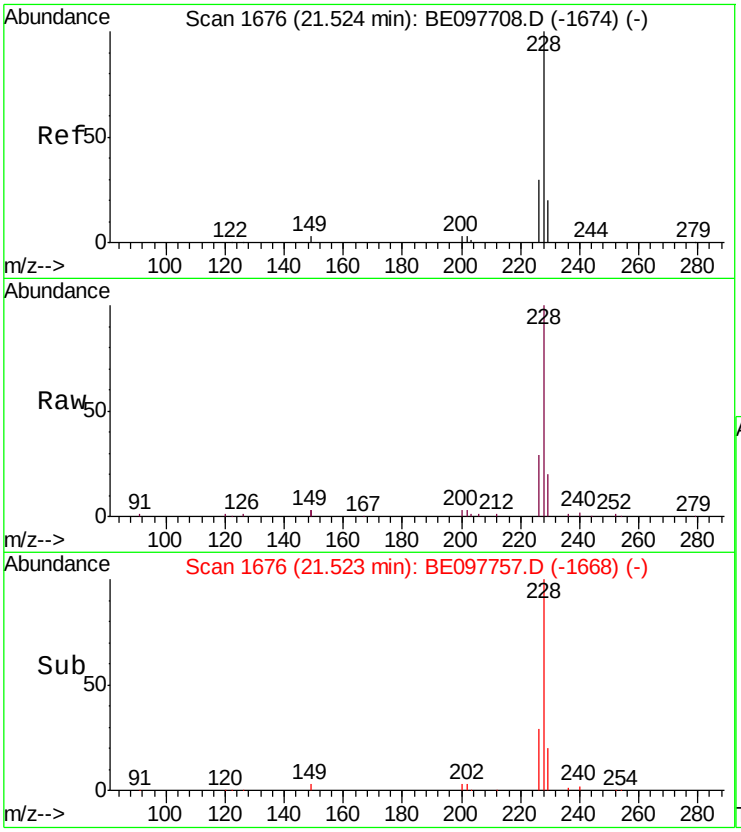


#30
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:228 Resp: 24554

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.7	31.1
229	19.3	15.7	23.5



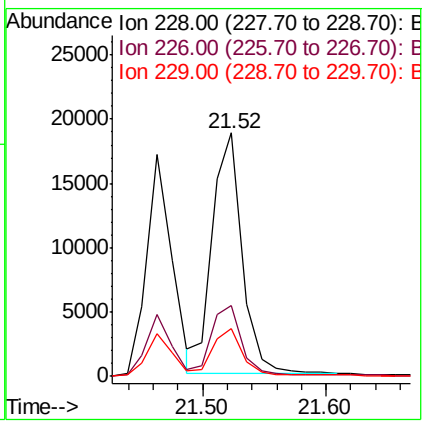


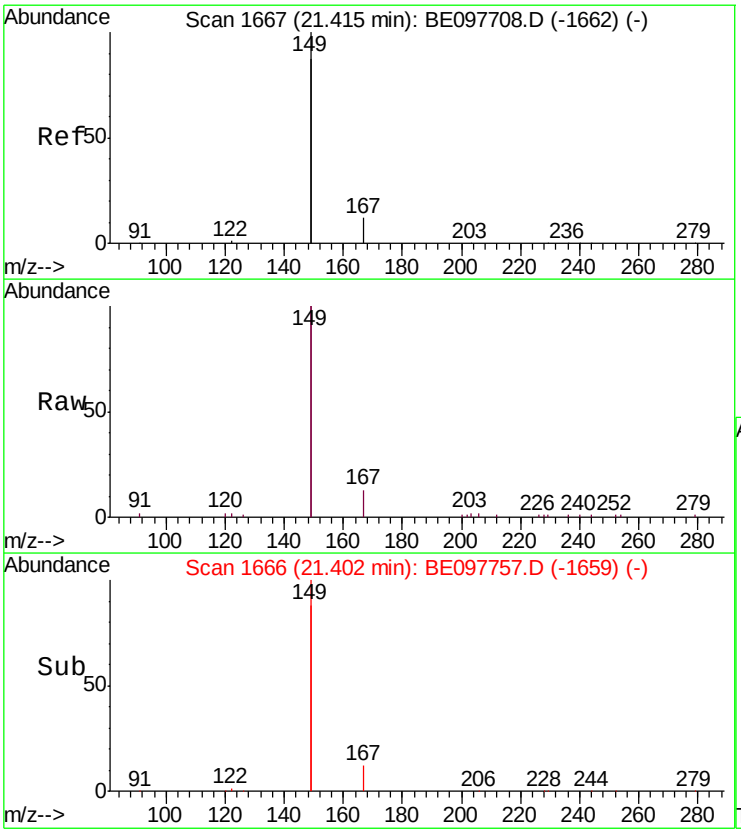
#31
Chrysene
Concen: 0.405 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 31619

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	19.8	16.0	24.0

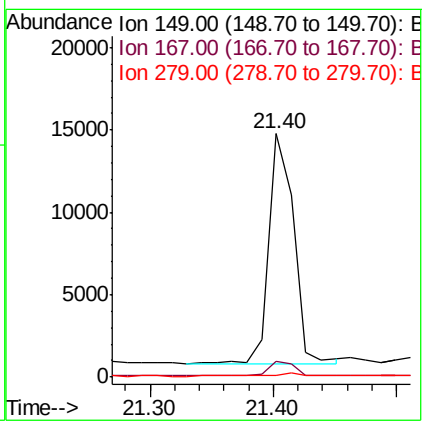


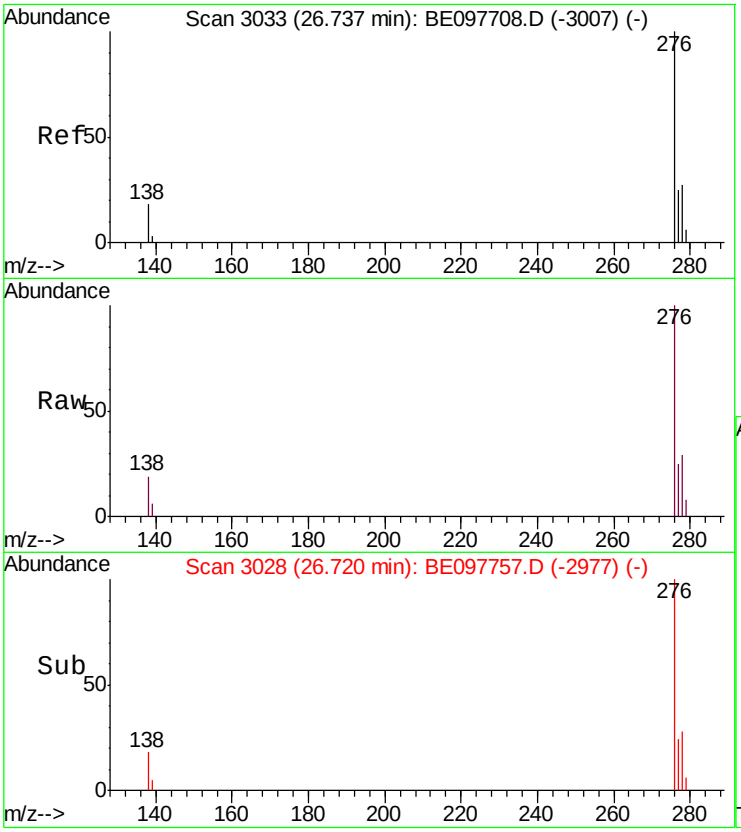


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.385 ng
RT: 21.40 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:149 Resp: 19663

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.5	8.3
279	1.0	0.9	1.3



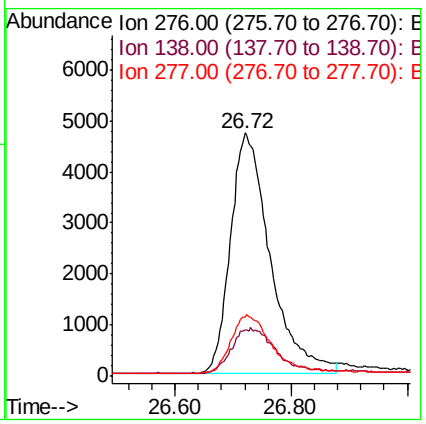


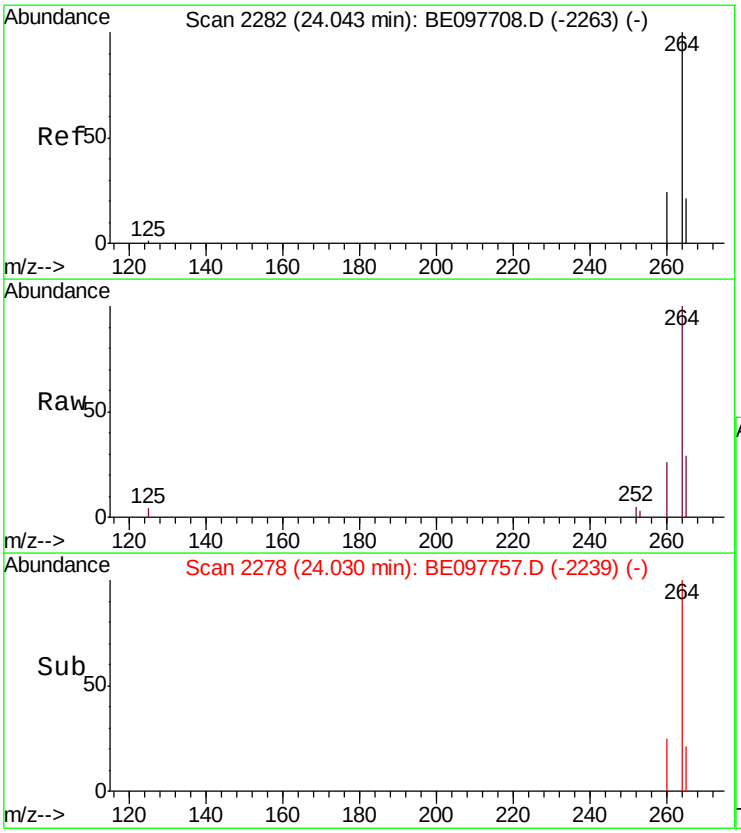
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.02 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22458

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.0	22.6
277	24.3	19.2	28.8

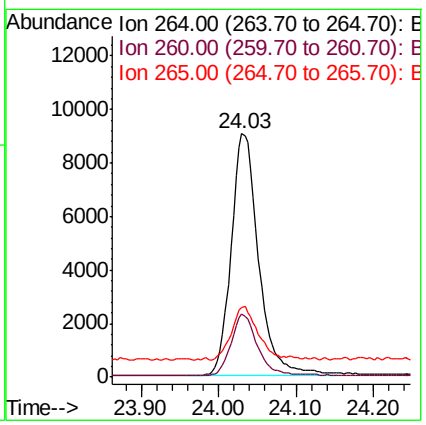


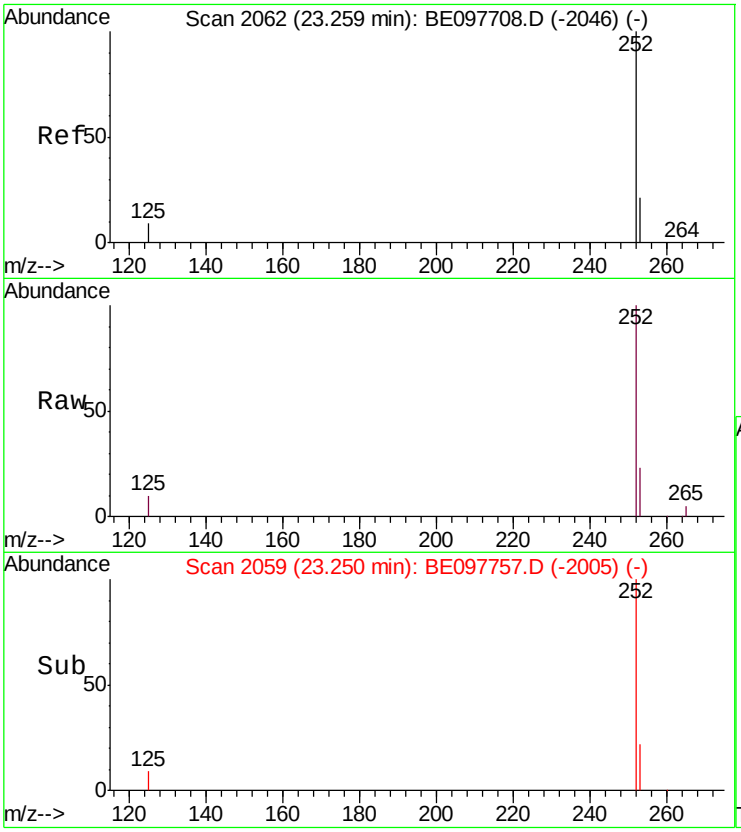


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:264 Resp: 22216

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.1	28.7
265	28.6	21.9	32.9



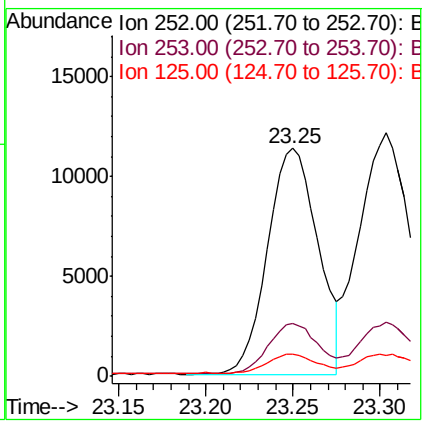


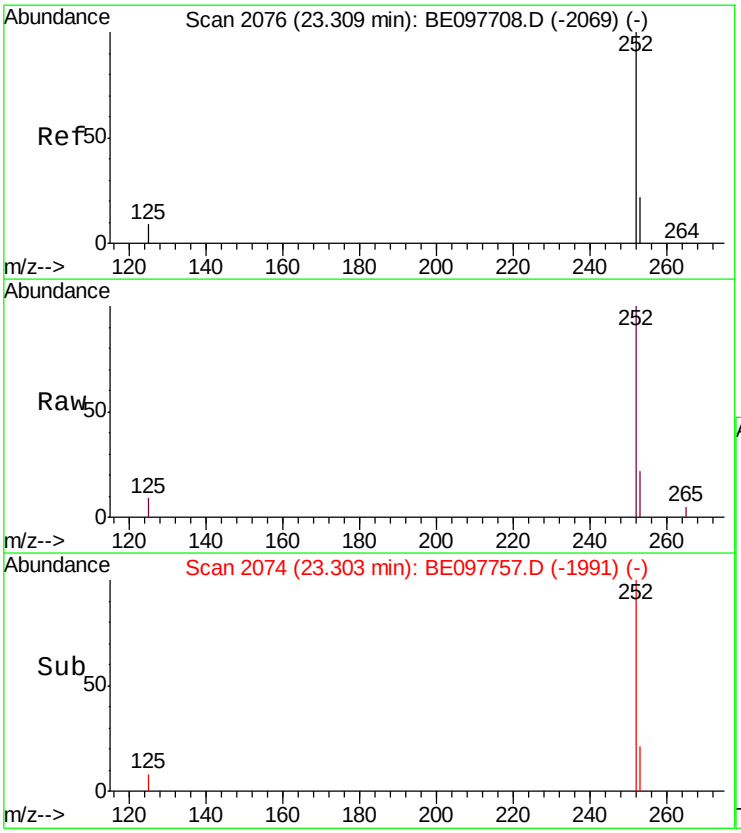
#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.25 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 22741

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.8	7.8	11.8

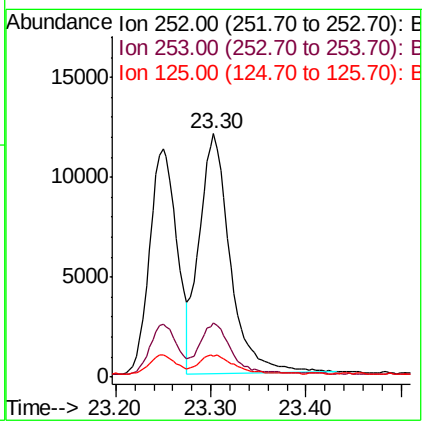


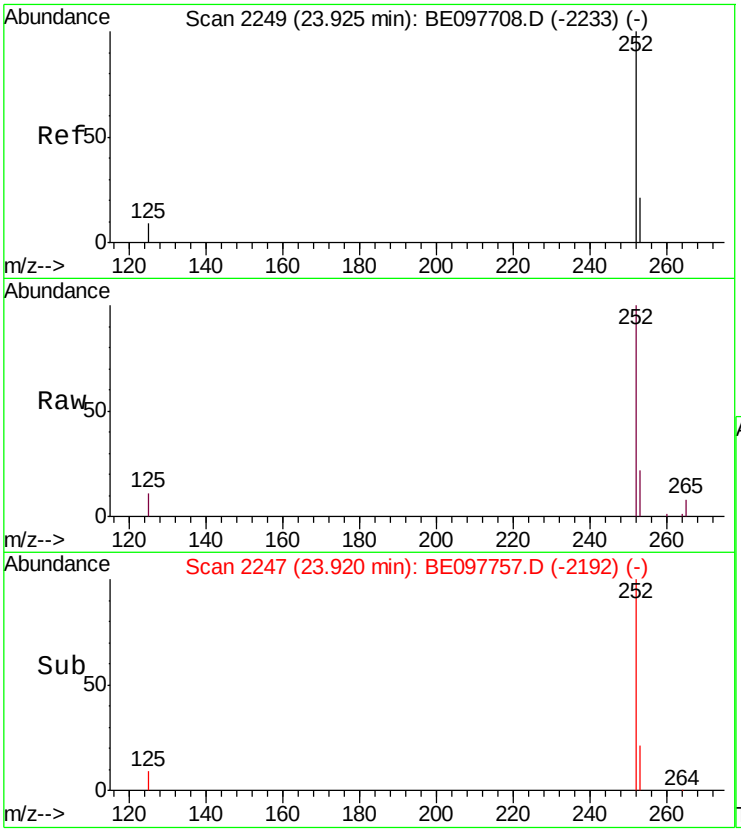


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:252 Resp: 27131

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.8	7.5	11.3



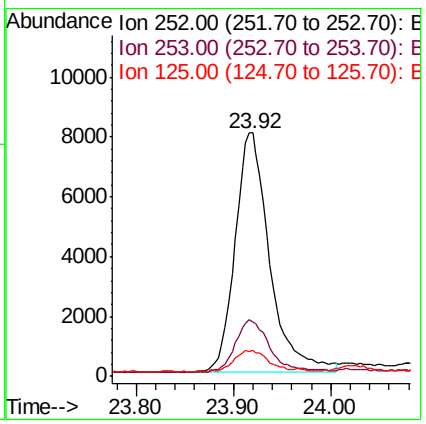


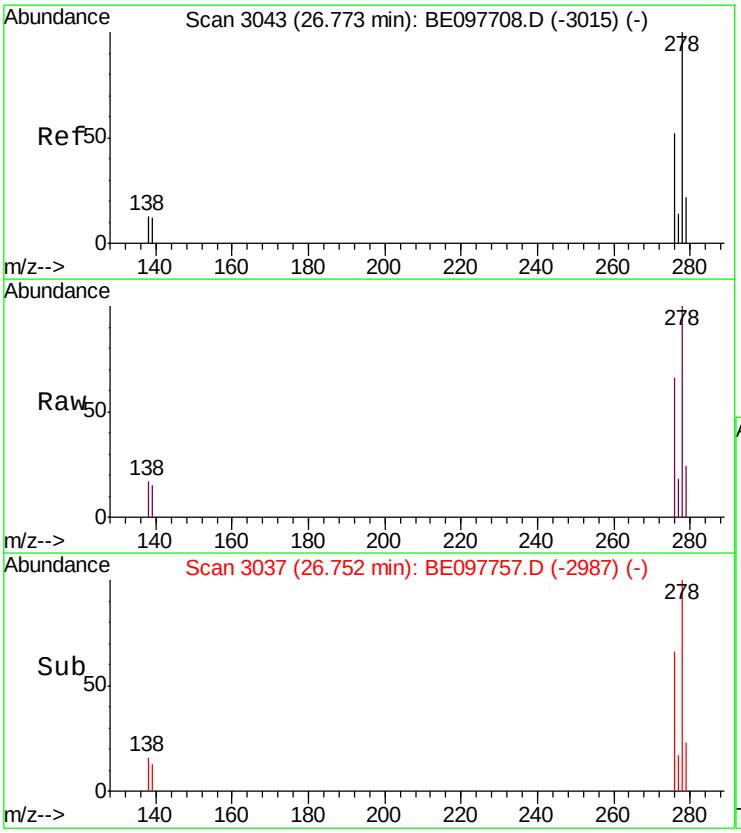
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.92 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19837

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.7	8.3	12.5

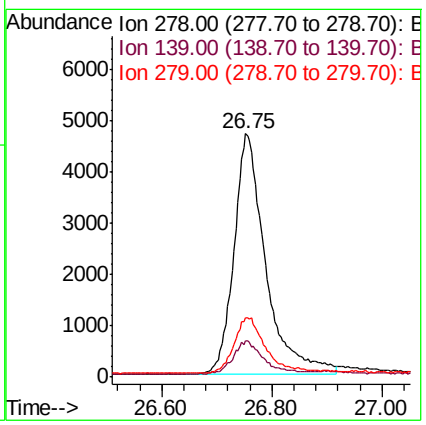


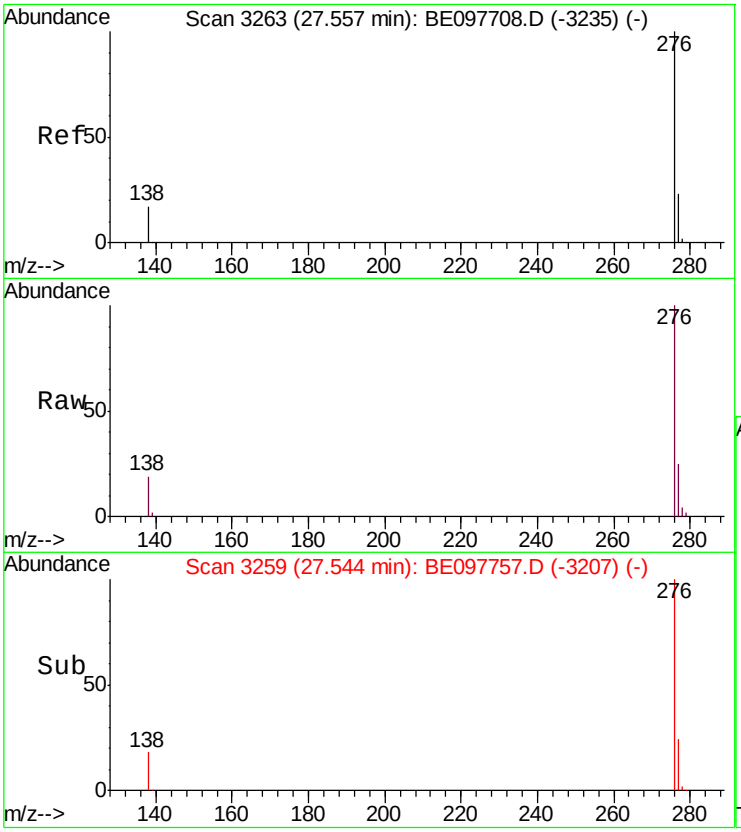


#38
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 26.75 min Scan# 3037
Delta R.T. -0.02 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Tgt Ion:278 Resp: 18861

Ion	Ratio	Lower	Upper
278	100		
139	14.7	10.3	15.5
279	24.2	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.54 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BE097757.D
Acq: 5 Oct 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20864

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	19.0	14.2	21.2