Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018364.D
Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-0006-01

Quant Time: Dec 22 03:50:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	117490	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	426306	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	209874	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	399158	20.00	ng		-0.01
76) Chrysene-d12	21.14	240	429872	20.00	ng		0.00
87) Perylene-d12	23.31	264	486522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	812389	115.51	ng		0.00
7) Phenol-d6	6.70	99	1045798	106.98	ng		0.00
23) Nitrobenzene-d5	8.65	82	710277	85.46	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	280322	91.00	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1076044	66.41	ng		-0.02
79) Terphenyl-d14	19.57	244	1058577	55.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.73	94	85667	8.275	ng		88
15) Benzyl Alcohol	7.79	79	16940	2.127	ng	#	41
20) 3+4-Methylphenols	8.29	107	19719	2.036	ng		92
32) Benzoic acid	9.62	122	62366	11.220	ng		88
49) Acenaphthylene	13.86	152	85788	4.096	ng		97
50) Dimethylphthalate	13.62	163	84287	4.831	ng		97
71) Phenanthrene	16.96	178	228568	10.542	ng		98
72) Anthracene	17.04	178	62016	2.883	ng		97
75) Fluoranthene	18.99	202	162545	6.448	ng		97
78) Pyrene	19.36	202	292417	11.416	ng		99
81) Benzo(a)anthracene	21.18	228	114341	4.553	ng		92
83) Chrysene	21.18	228	125326	5.189	ng		96
86) Indeno(1,2,3-cd)pyrene	25.45	276	76649	3.186	ng		97
88) Benzo(b)fluoranthene	22.67	252	156297	5.719	ng	#	81
89) Benzo(k)fluoranthene	22.67	252	156072	5.734	ng	#	79
90) Benzo(a)pyrene	23.21	252	133918	5.152	ng	#	90
92) Benzo(g,h,i)perylene	26.11	276	111732	4.909	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018364.D
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Operator : JU/SJ
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Misc :
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P001-SS008-0006-01

Quant Time: Dec 22 03:50:39 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
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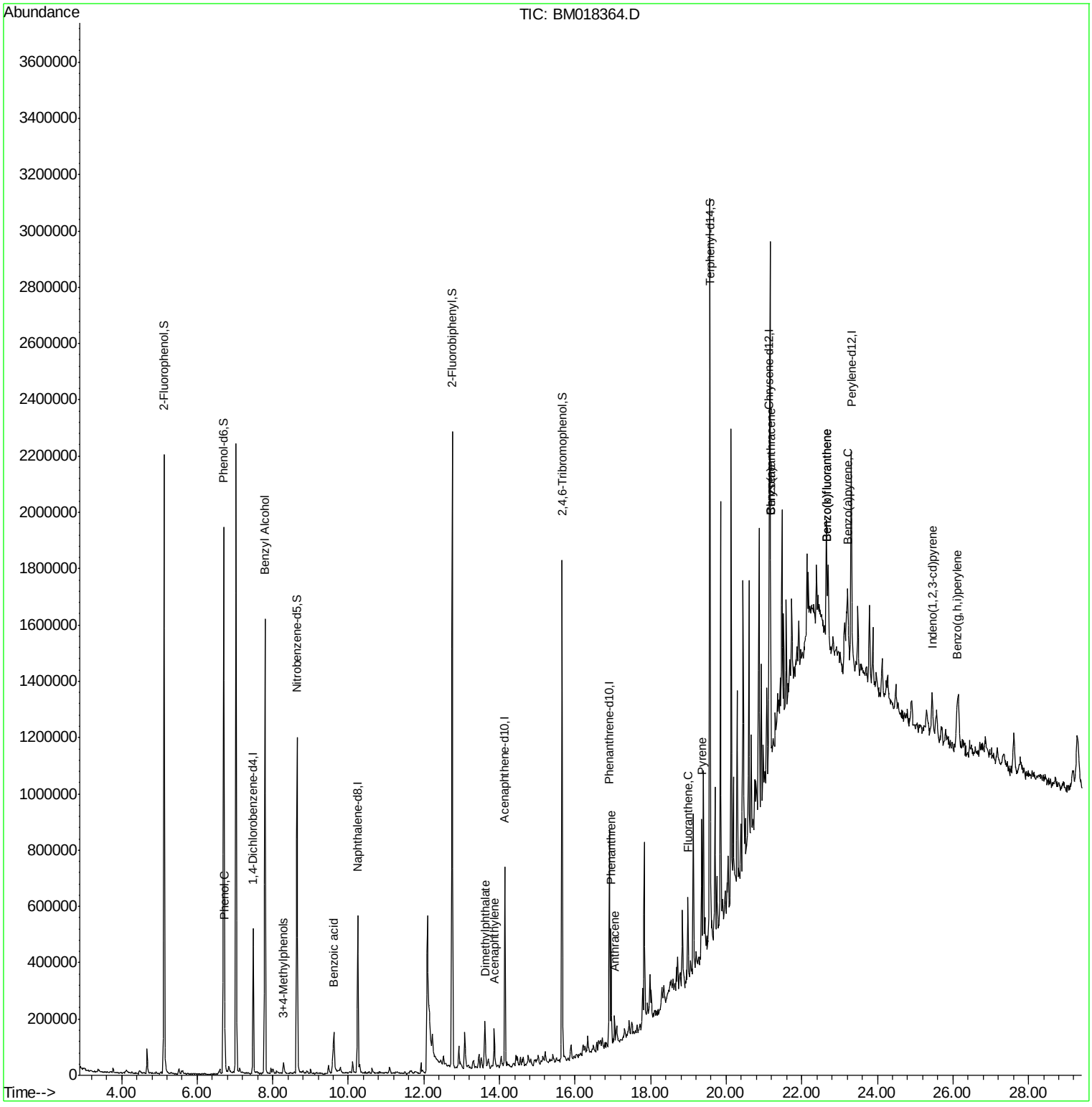
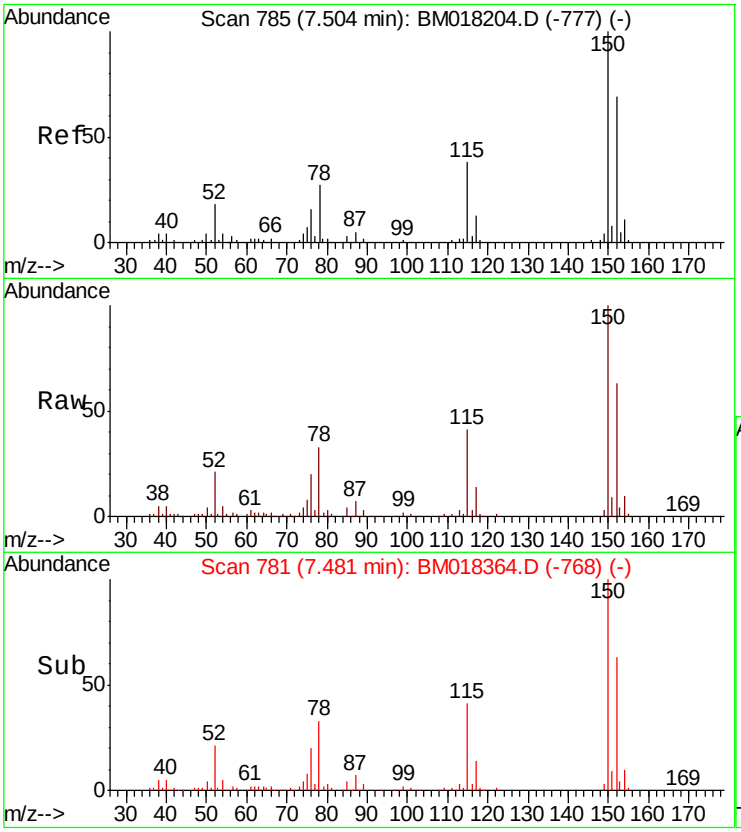


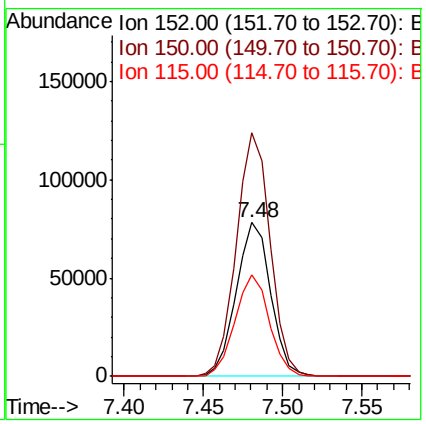


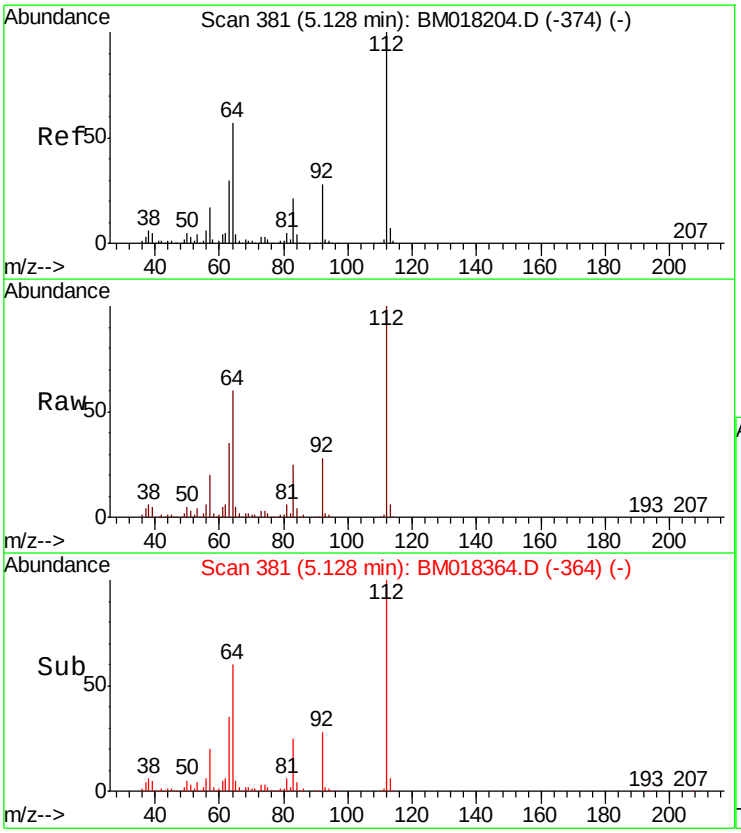
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:152 Resp: 117490

Ion	Ratio	Lower	Upper
152	100		
150	158.7	116.1	174.1
115	65.8	44.6	67.0

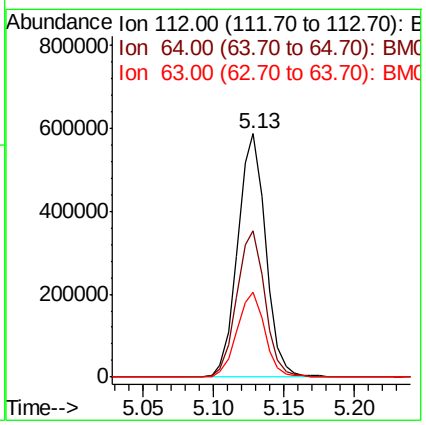


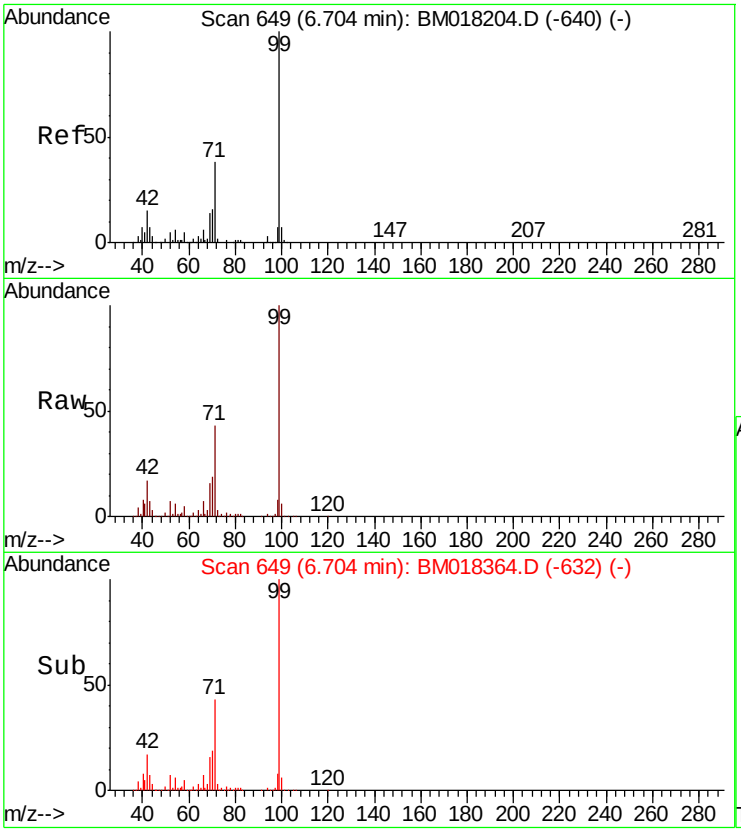


#5
2-Fluorophenol
Concen: 115.506 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:112 Resp: 812389

Ion	Ratio	Lower	Upper
112	100		
64	60.0	45.4	68.2
63	34.7	24.0	36.0



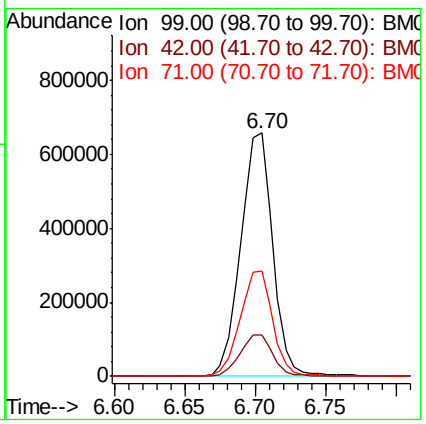


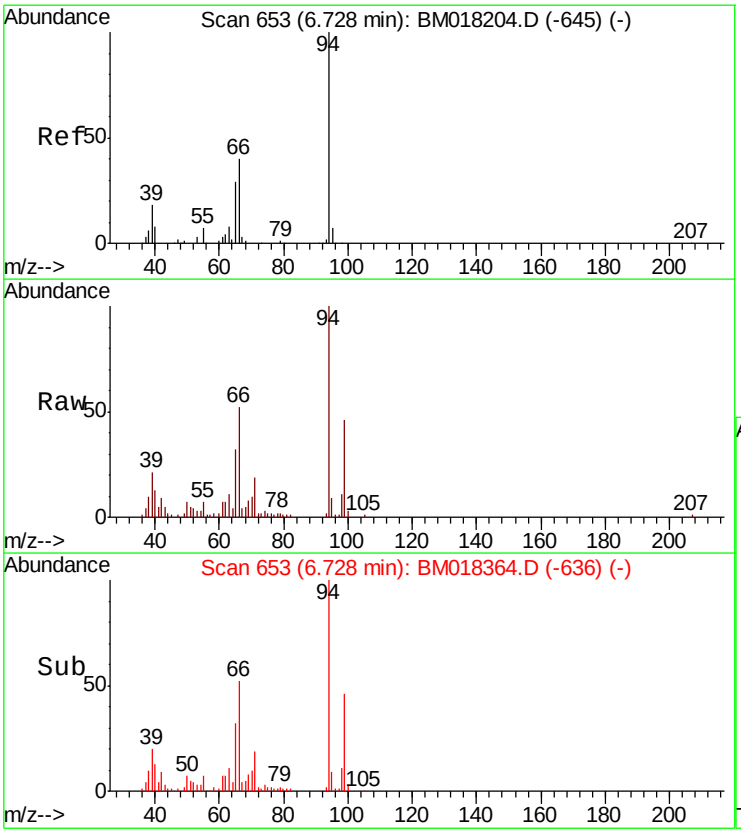
#7
Phenol-d6
Concen: 106.979 ng
RT: 6.70 min Scan# 649
Delta R.T. -0.00 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion: 99 Resp: 1045798

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.3	18.5
71	43.4	30.2	45.2

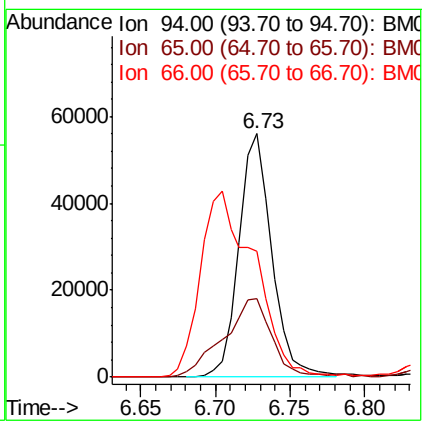


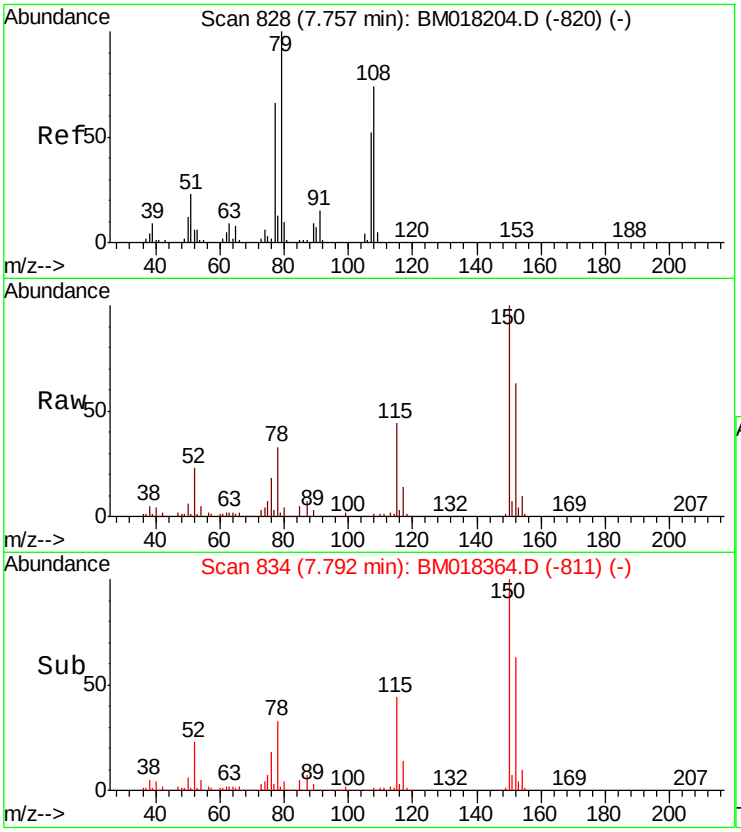


#10
Phenol
Concen: 8.275 ng
RT: 6.73 min Scan# 653
Delta R.T. -0.00 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion: 94 Resp: 85667

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.5	49.5
66	51.6	21.3	61.3



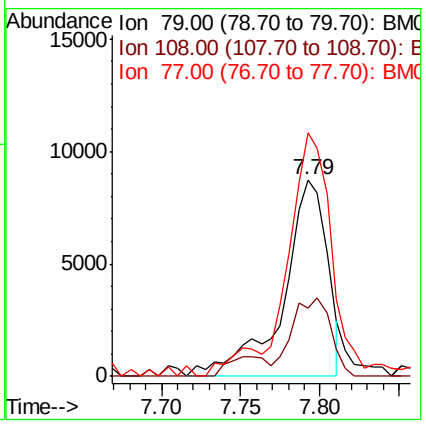


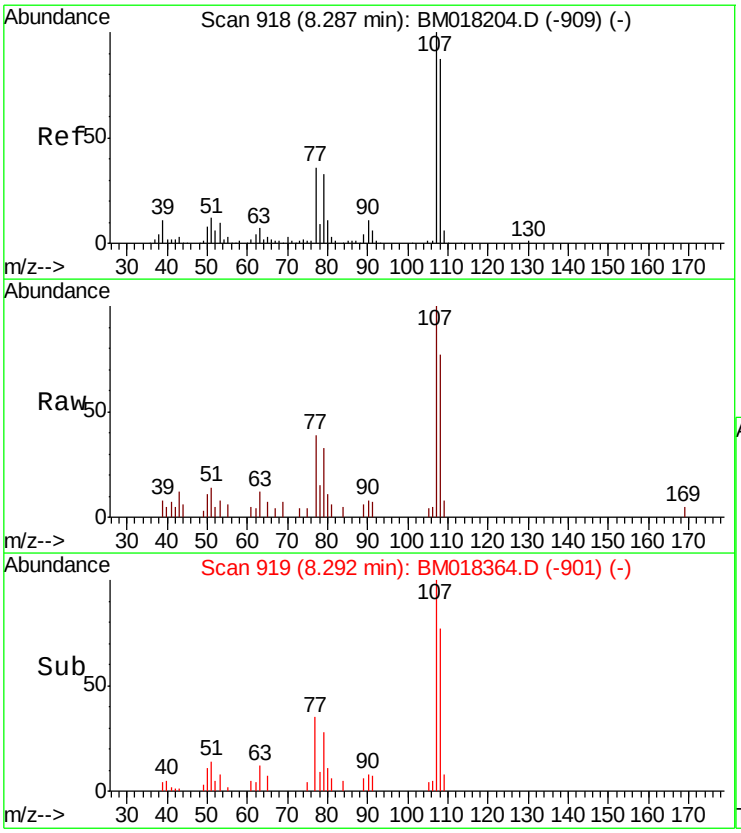
#15
Benzyl Alcohol
Concen: 2.127 ng
RT: 7.79 min Scan# 834
Delta R.T. 0.04 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion: 79 Resp: 16940

Ion	Ratio	Lower	Upper
79	100		
108	34.7	59.3	88.9#
77	124.1	53.0	79.4#

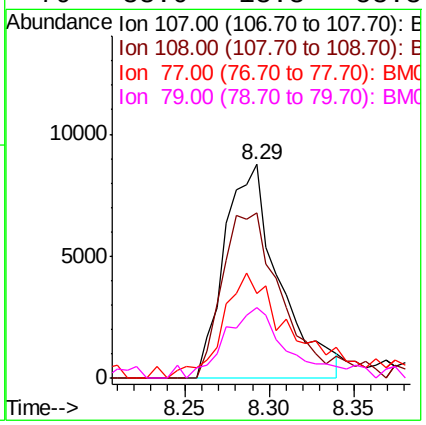


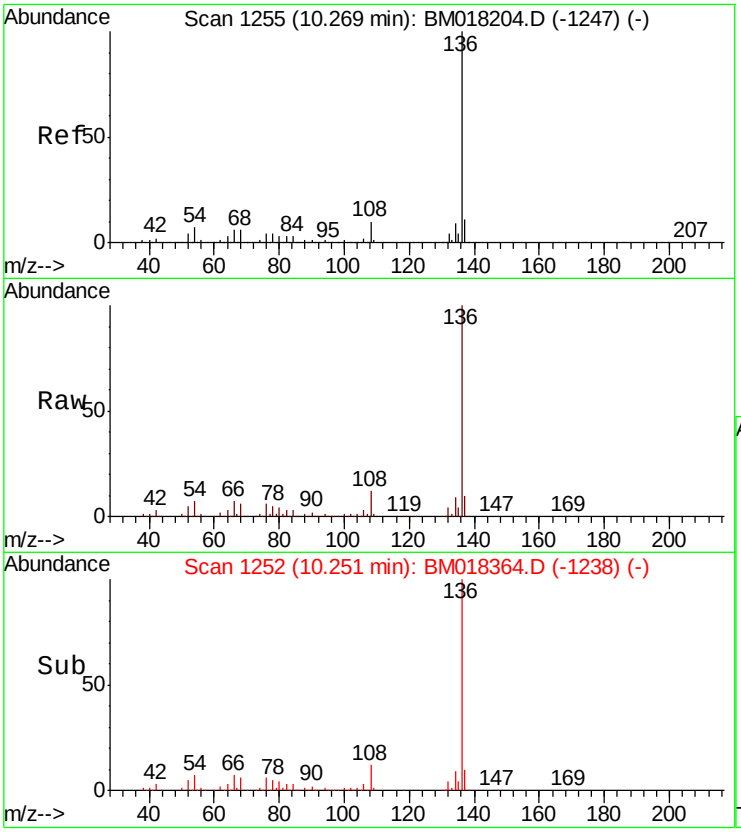


#20
3+4-Methylphenols
Concen: 2.036 ng
RT: 8.29 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:107 Resp: 19719

Ion	Ratio	Lower	Upper
107	100		
108	77.1	67.4	107.4
77	39.4	15.7	55.7
79	33.0	13.3	53.3



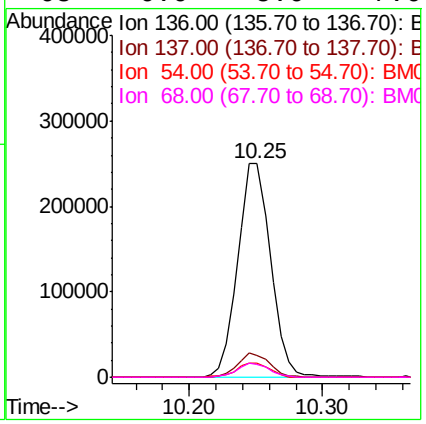


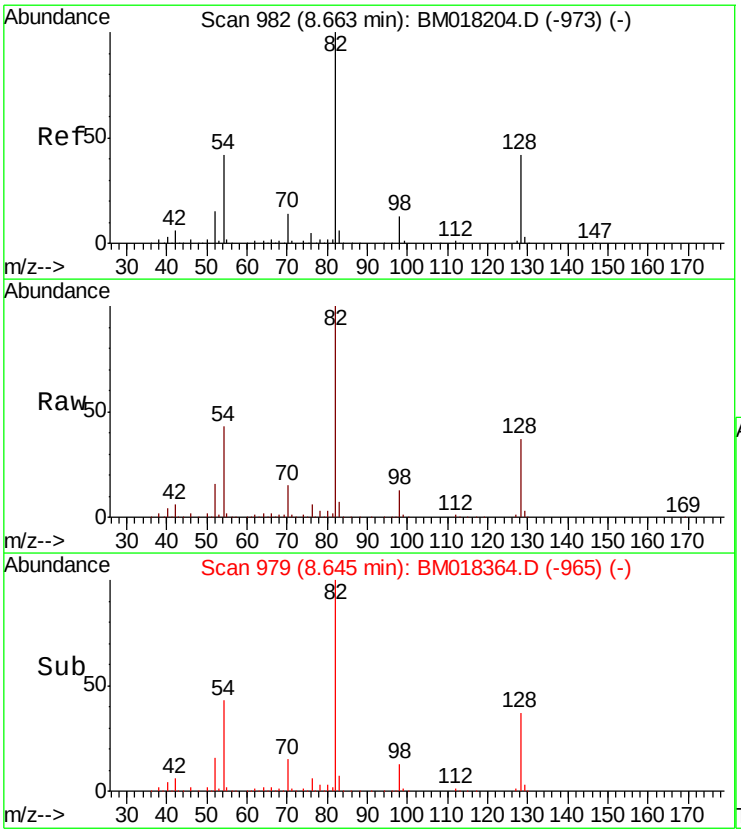
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:136 Resp: 426306

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	6.7	5.2	7.8
68	6.0	5.0	7.6

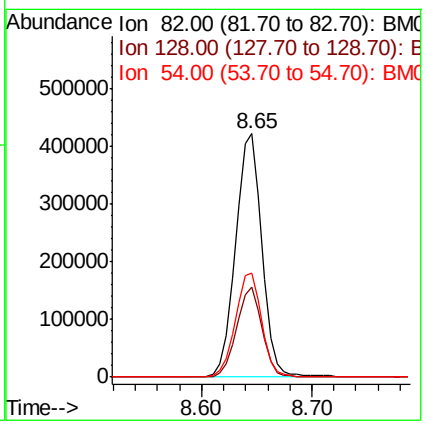


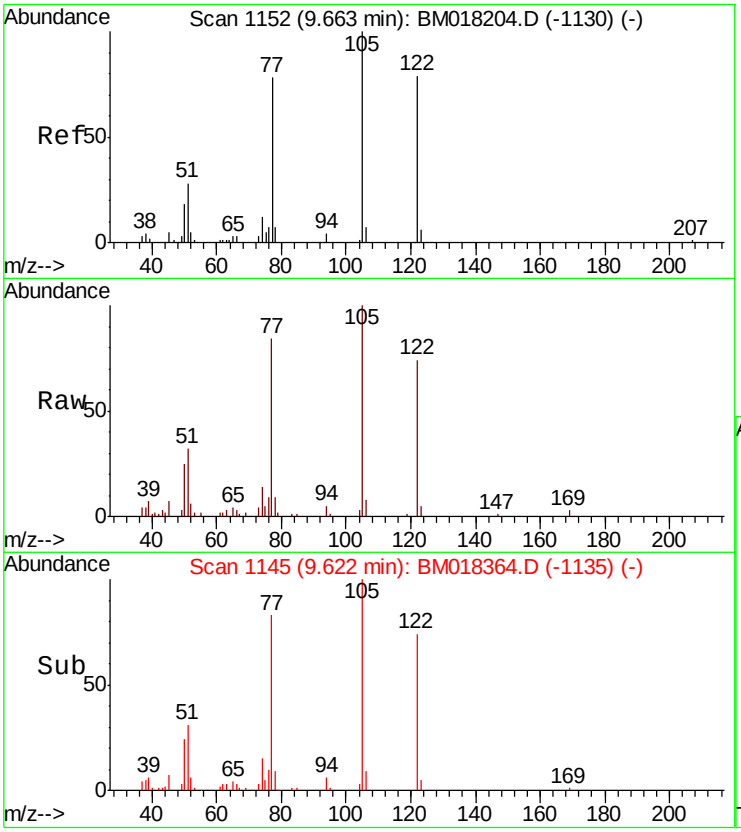


#23
Nitrobenzene-d5
Concen: 85.461 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion: 82 Resp: 710277

Ion	Ratio	Lower	Upper
82	100		
128	37.1	33.4	50.2
54	42.7	33.4	50.2



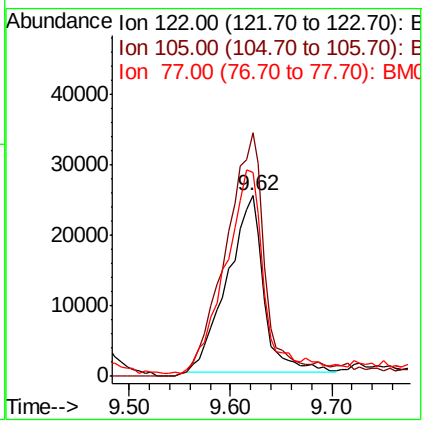


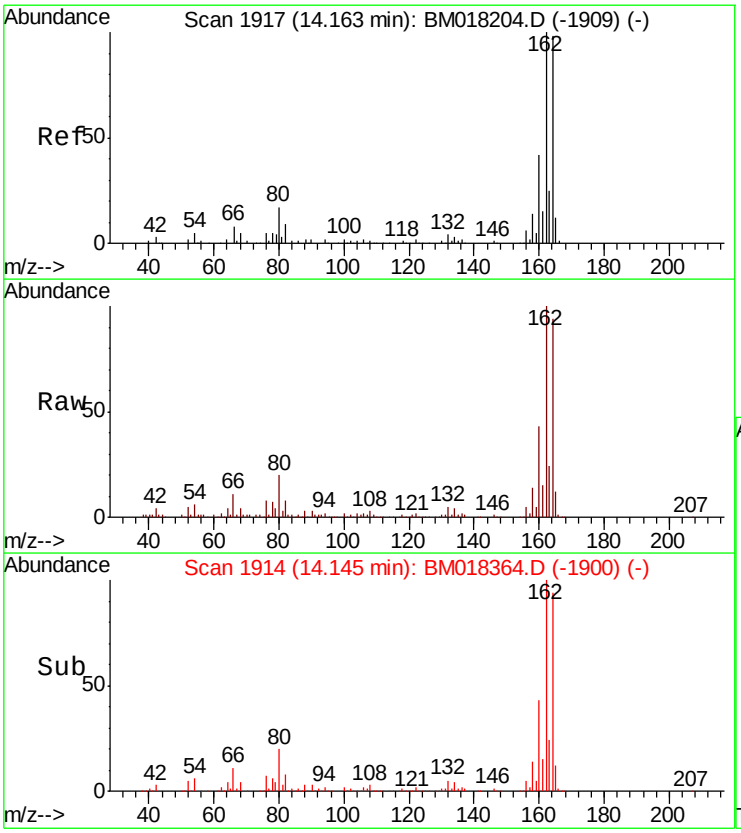
#32
Benzoic acid
Concen: 11.220 ng
RT: 9.62 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:122 Resp: 62366

Ion	Ratio	Lower	Upper
122	100		
105	134.8	104.8	144.8
77	112.9	77.7	117.7

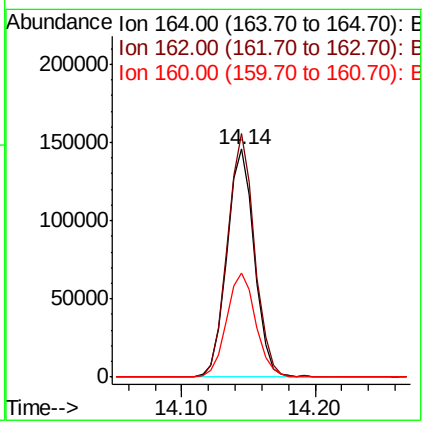


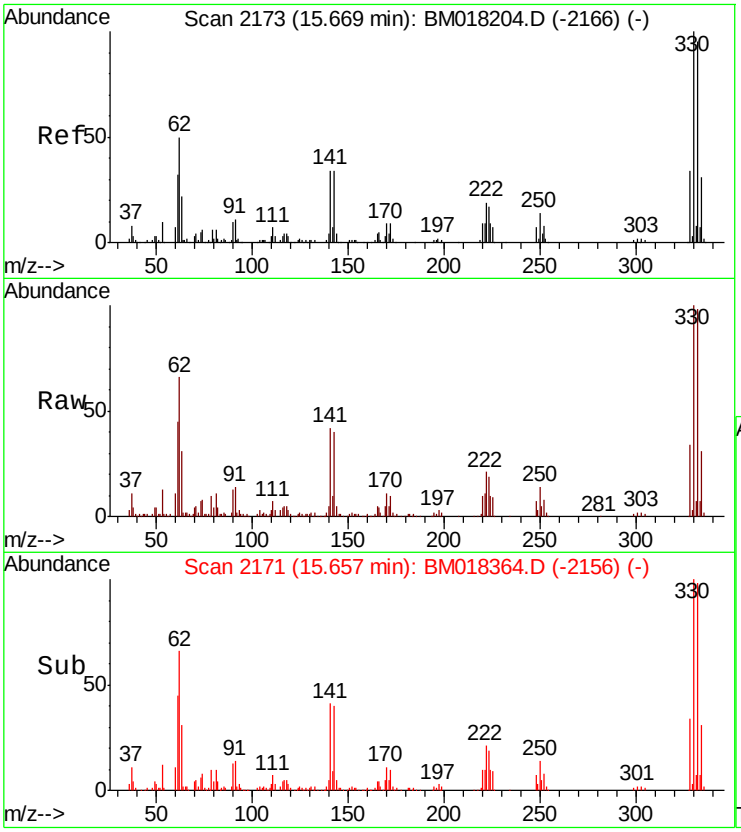


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:164 Resp: 209874

Ion	Ratio	Lower	Upper
164	100		
162	106.9	81.8	122.6
160	45.6	34.6	51.8



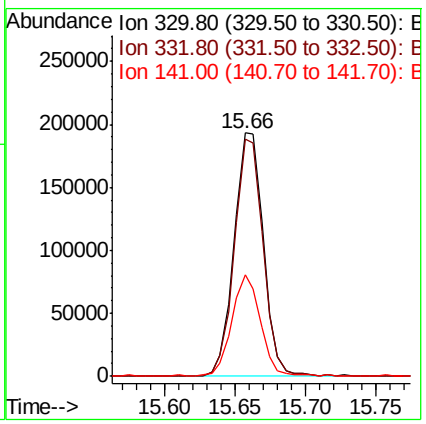


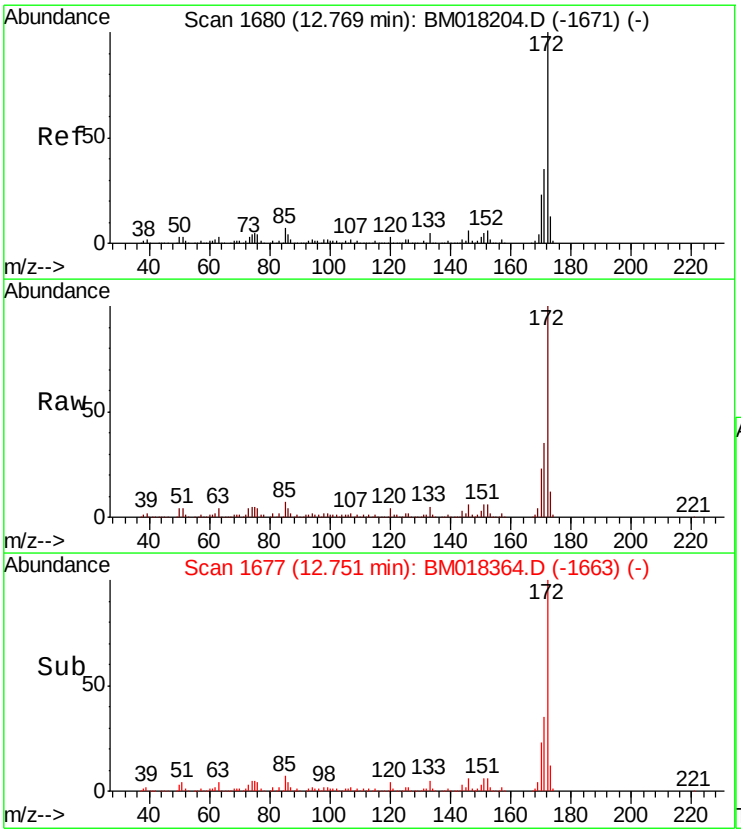
#42
2,4,6-Tribromophenol
Concen: 91.003 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:330 Resp: 280322

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	118.0
141	40.0	27.1	40.7

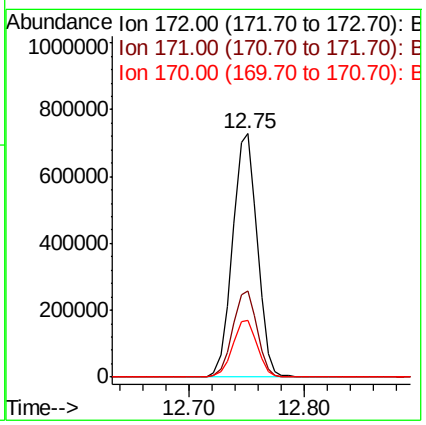


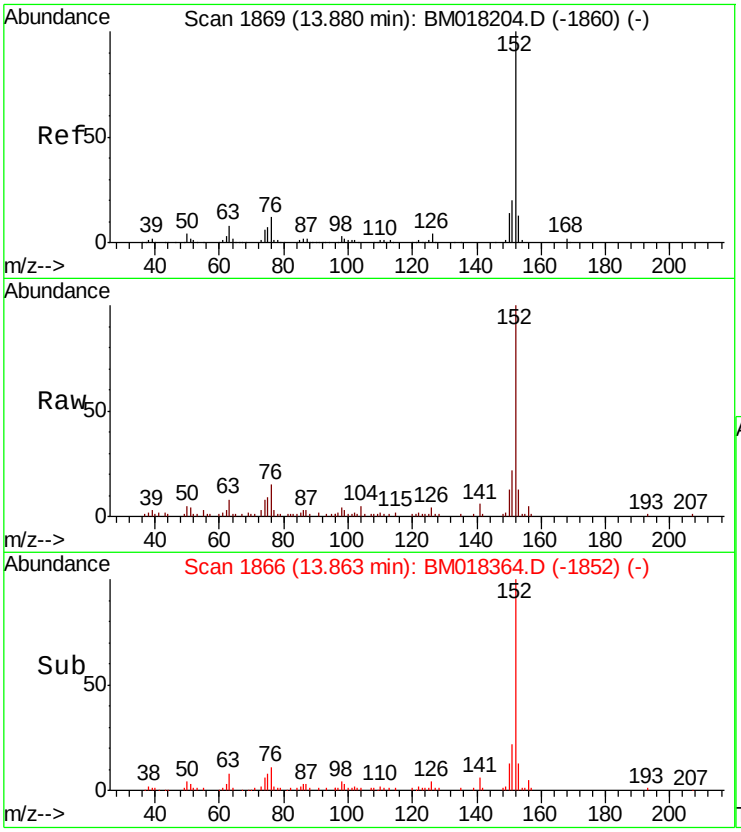


#45
2-Fluorobiphenyl
Concen: 66.408 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:172 Resp: 1076044

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.2	18.1	27.1



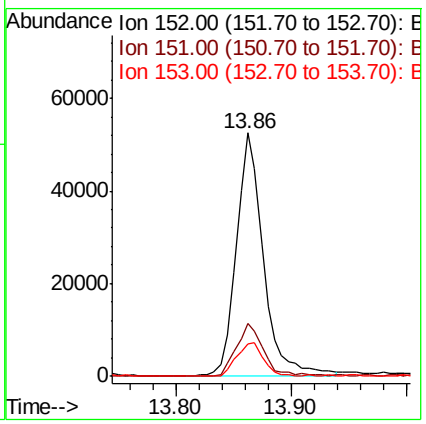


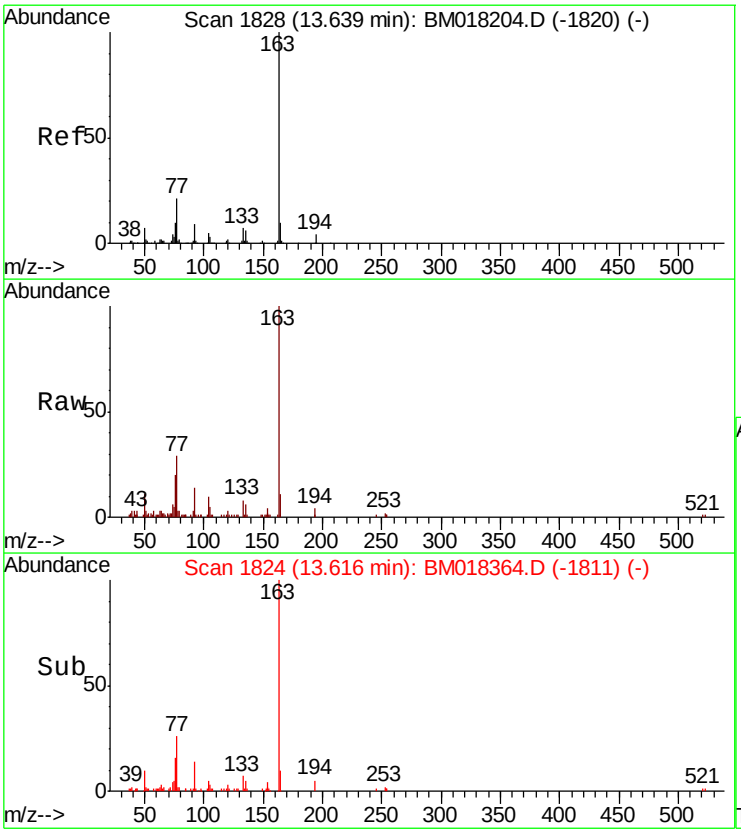
#49
Acenaphthylene
Concen: 4.096 ng
RT: 13.86 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:152 Resp: 85788

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.0	24.0
153	13.3	10.2	15.2

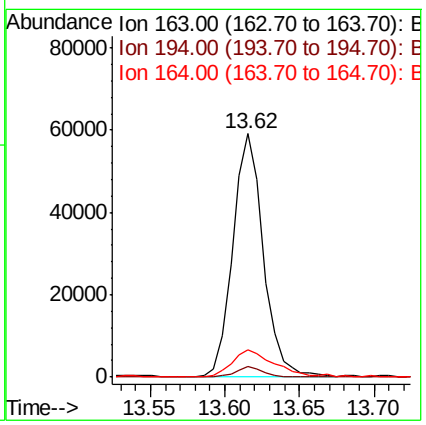


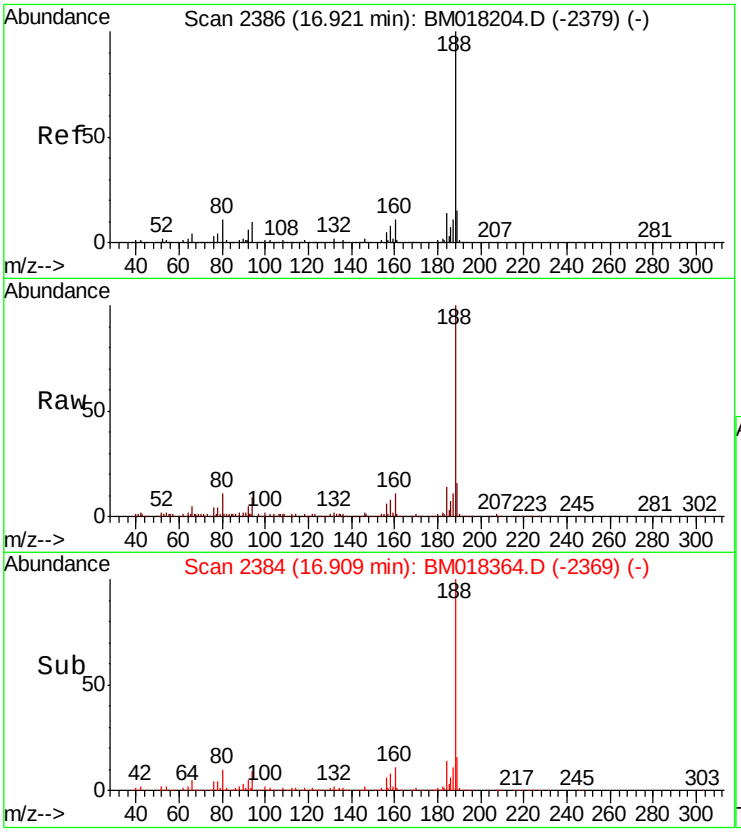


#50
Dimethylphthalate
Concen: 4.831 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:163 Resp: 84287

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	11.2	7.9	11.9



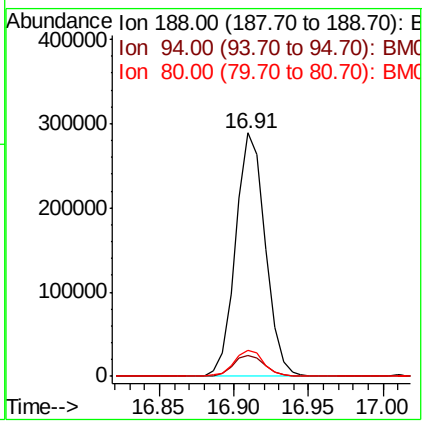


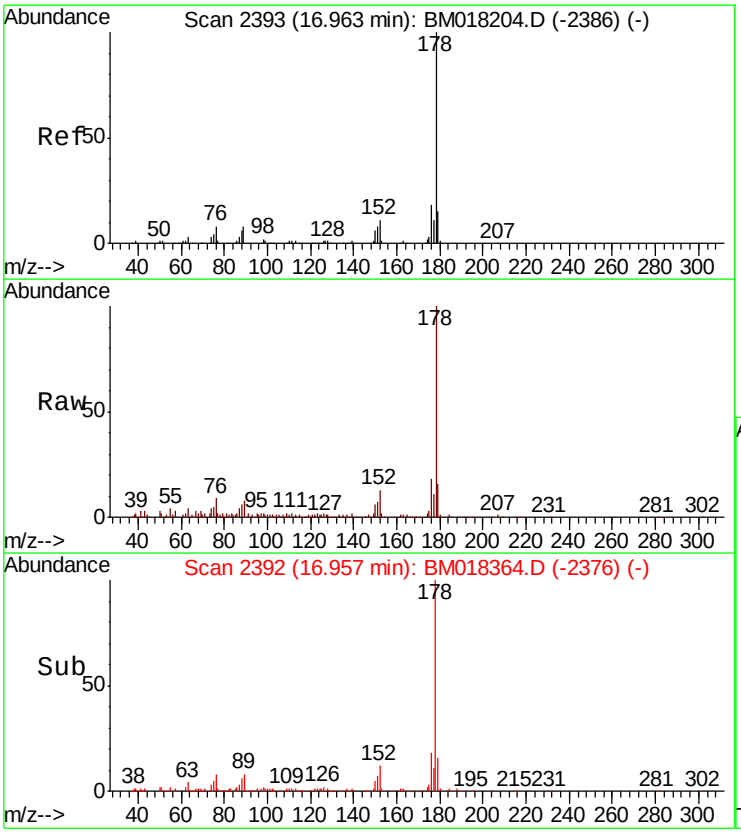
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:188 Resp: 399158

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	10.6	9.0	13.6

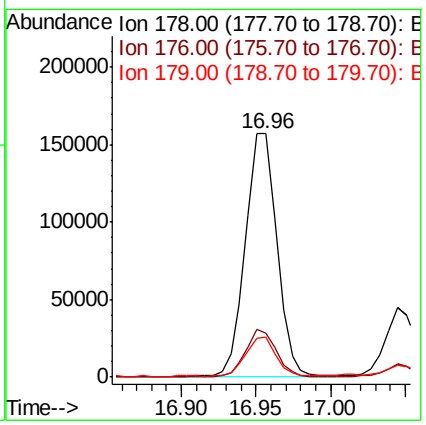


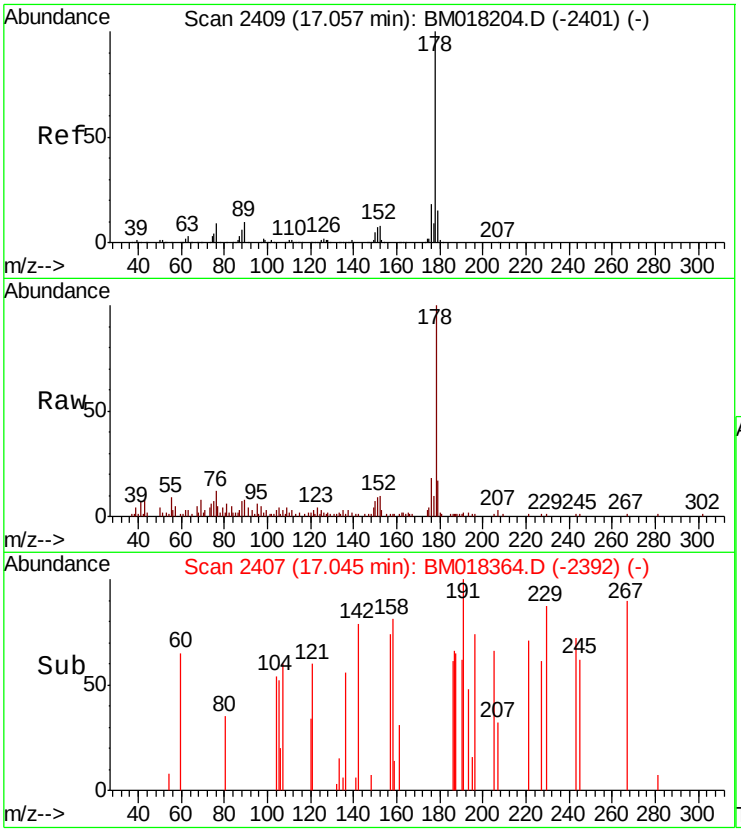


#71
Phenanthrene
Concen: 10.542 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:178 Resp: 228568

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	16.4	12.0	18.0



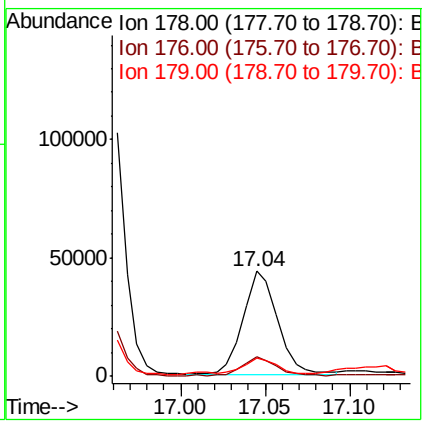


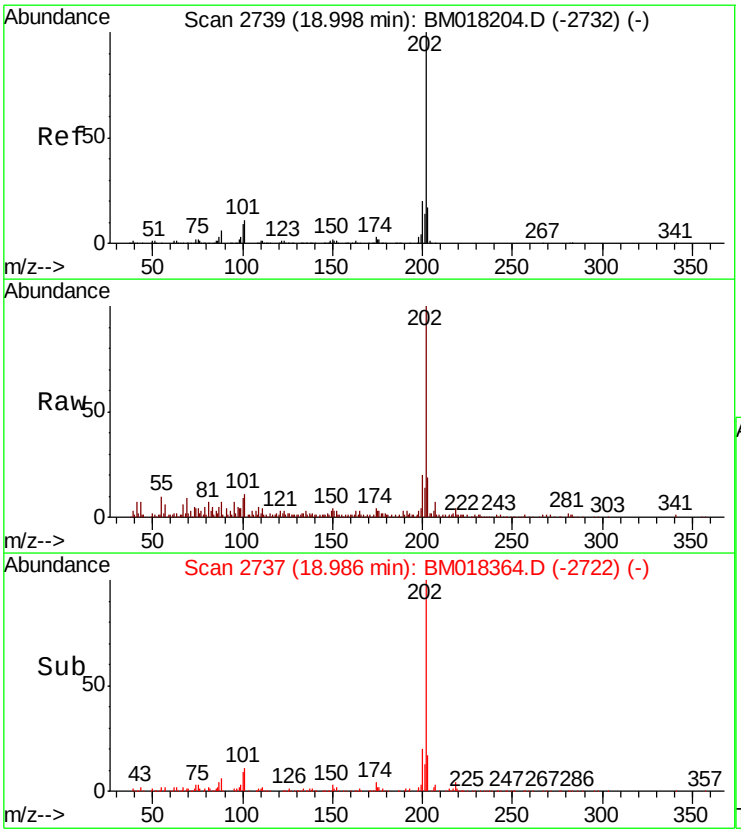
#72
Anthracene
Concen: 2.883 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:178 Resp: 62016

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	17.0	12.0	18.0

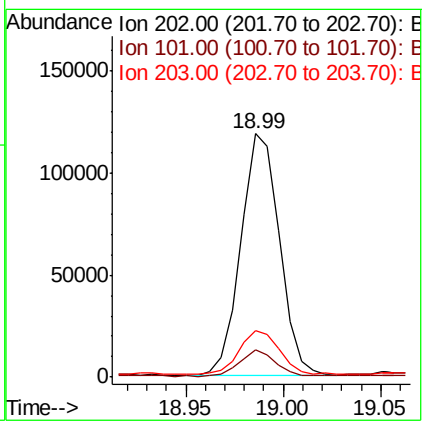


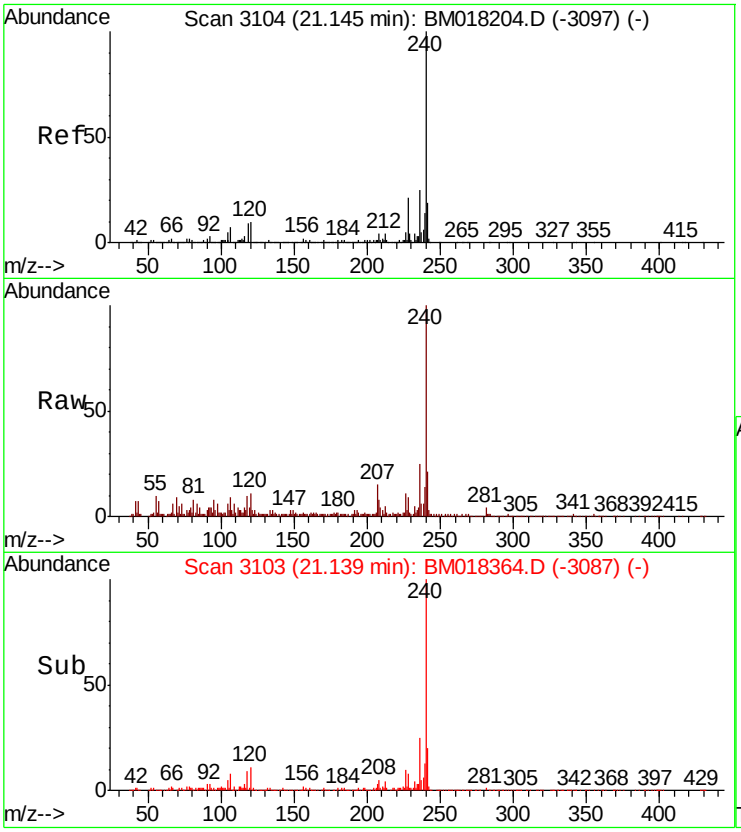


#75
Fluoranthene
Concen: 6.448 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:202 Resp: 162545

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.5
203	19.2	0.0	37.5



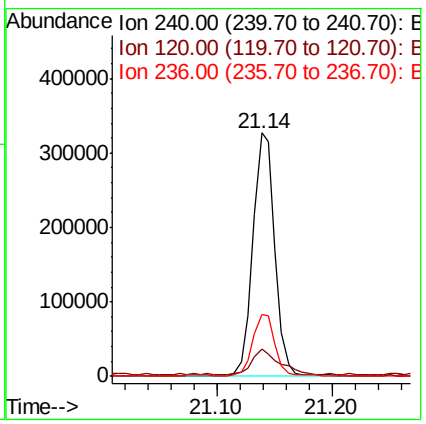


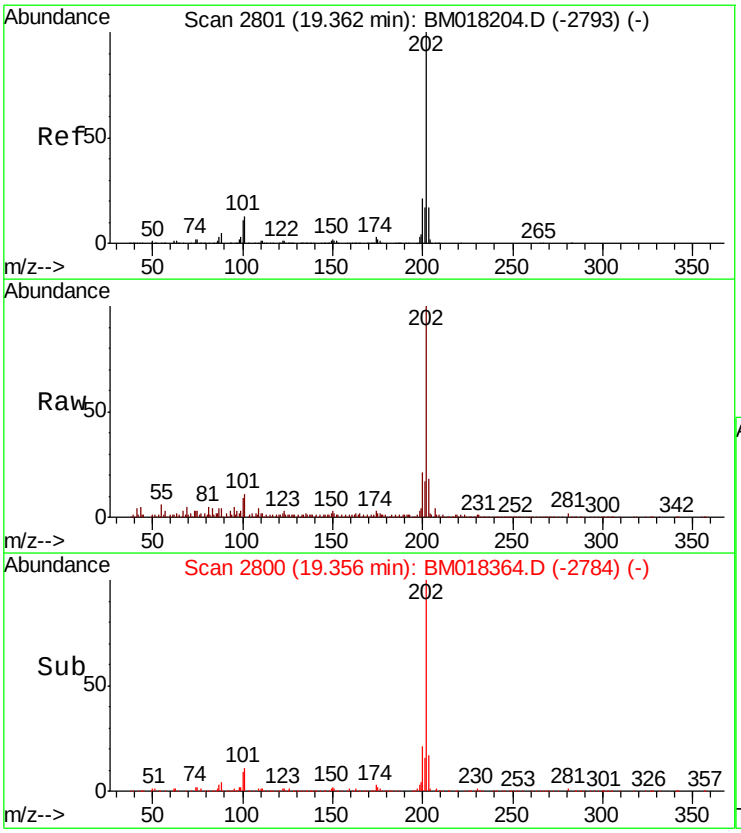
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:240 Resp: 429872

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.2	12.2
236	25.2	20.3	30.5

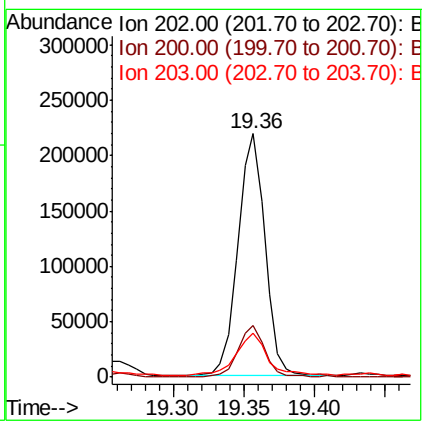


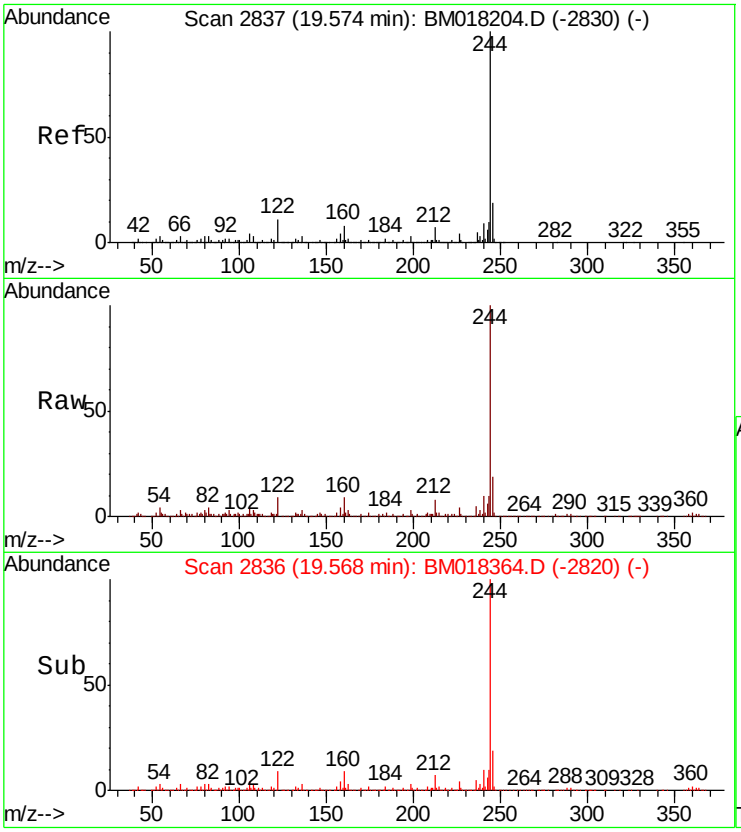


#78
Pyrene
Concen: 11.416 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:202 Resp: 292417

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.5	24.7
203	18.2	14.0	21.0



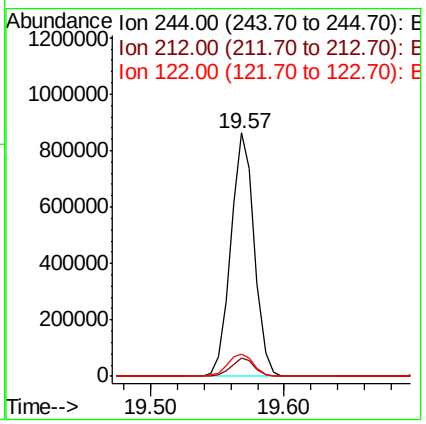


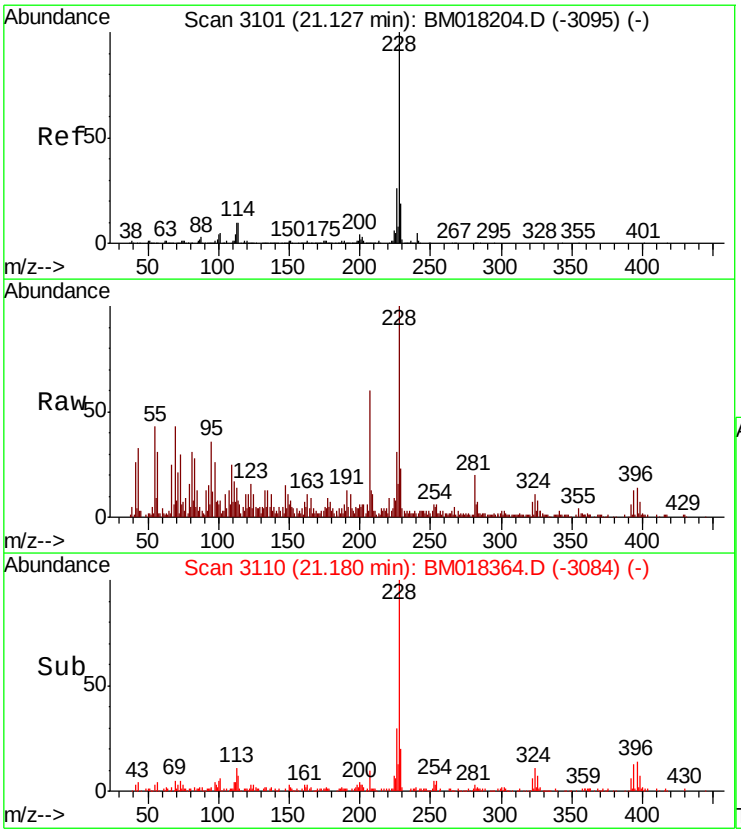
#79
Terphenyl-d14
Concen: 55.694 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:244 Resp: 1058577

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.3	9.0	13.6

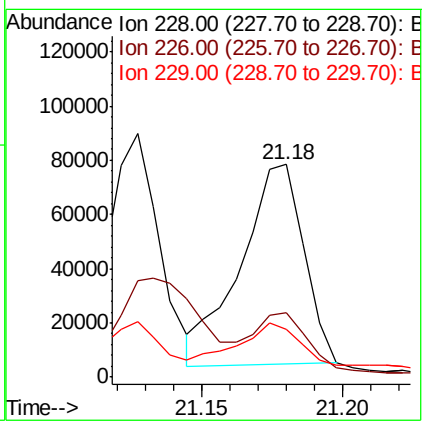


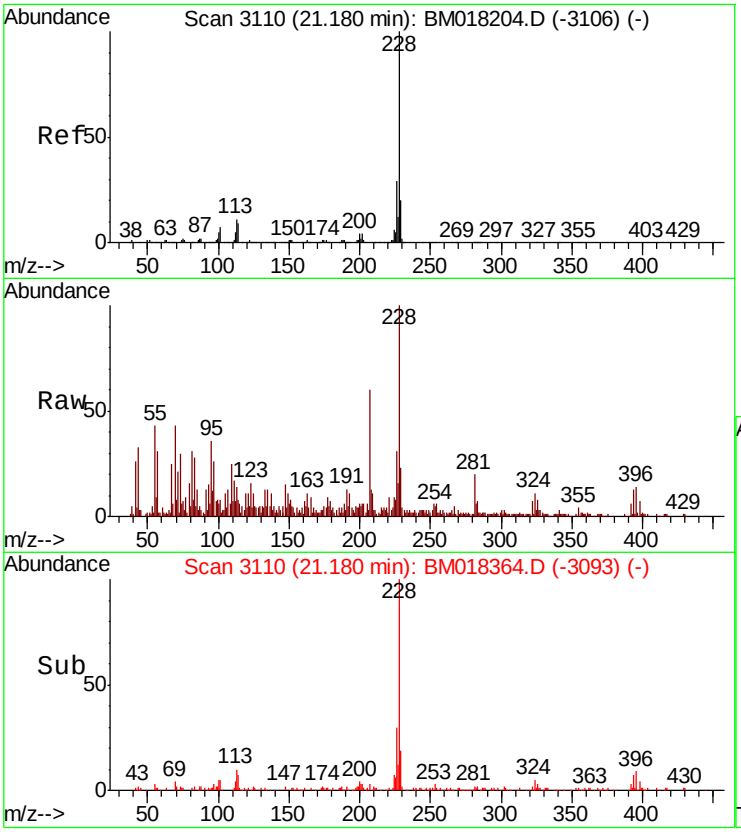


#81
Benzo(a)anthracene
Concen: 4.553 ng
RT: 21.18 min Scan# 3110
Delta R.T. 0.05 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:228 Resp: 114341

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	22.5	15.5	23.3



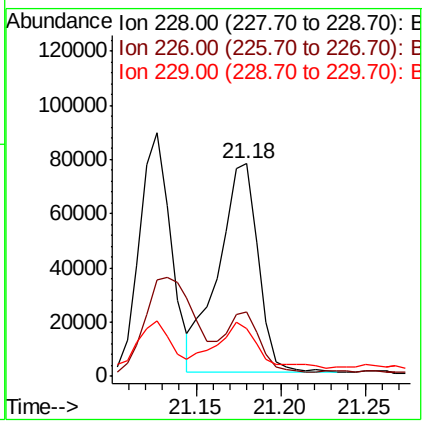


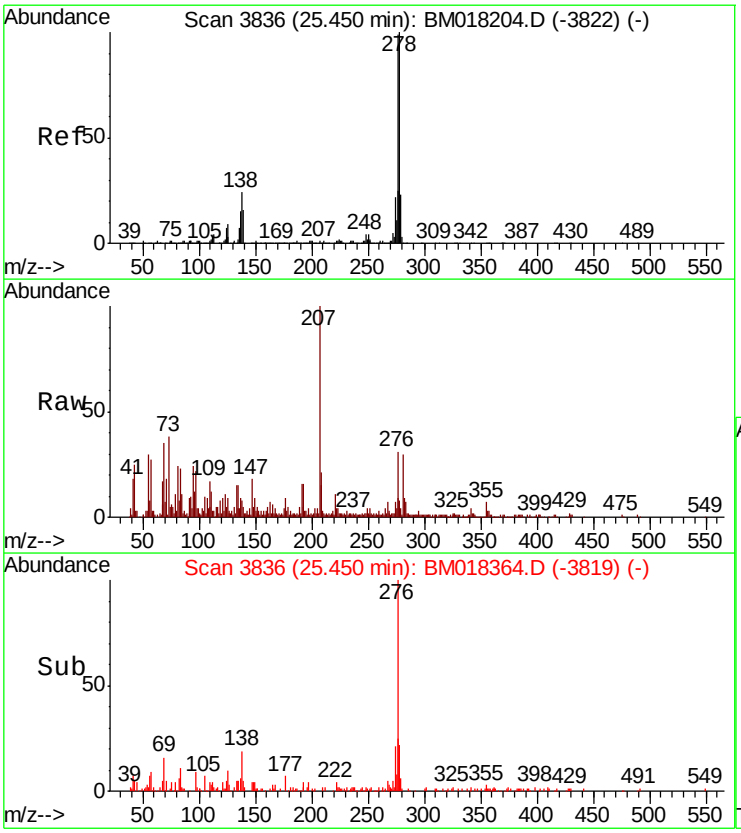
#83
Chrysene
Concen: 5.189 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:228 Resp: 125326

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.1	34.7
229	22.5	15.8	23.6

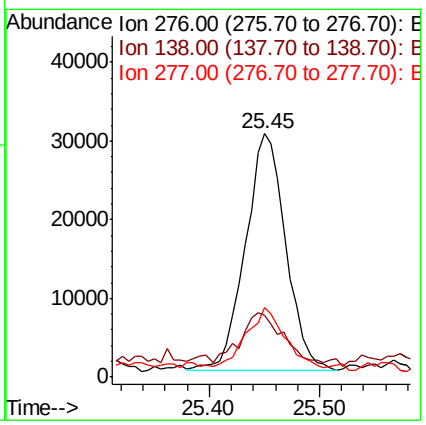


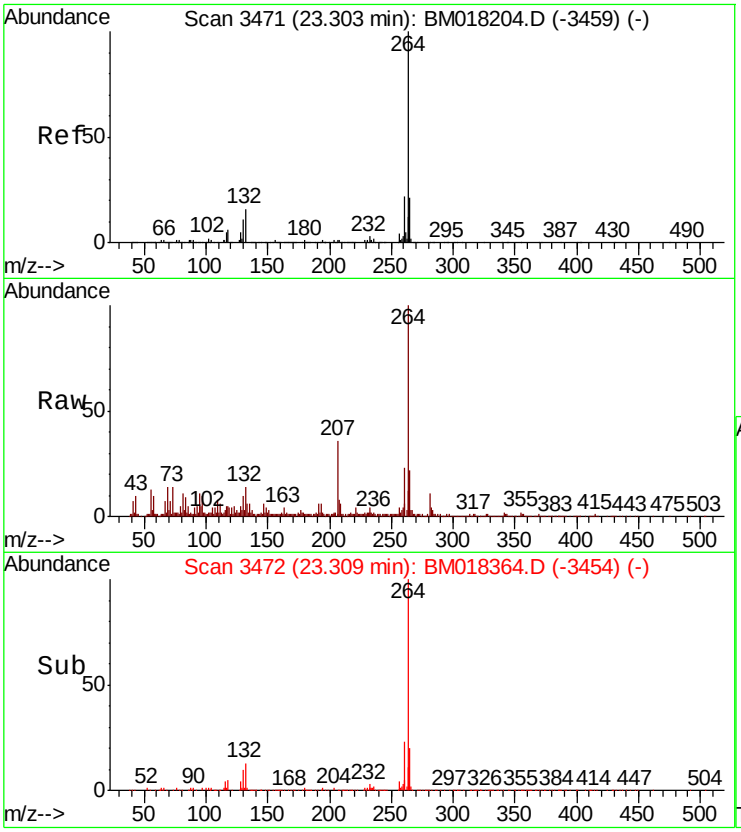


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.186 ng
RT: 25.45 min Scan# 3836
Delta R.T. -0.00 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:276 Resp: 76649

Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.6	28.0
277	24.0	20.3	30.5



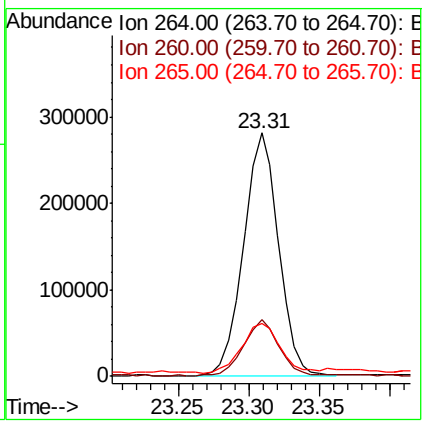


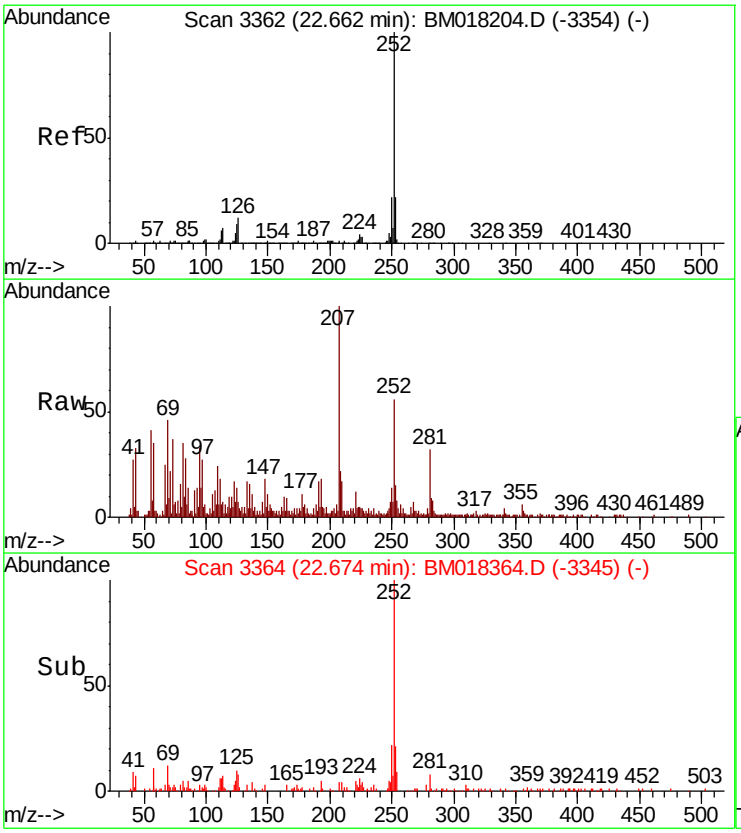
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:264 Resp: 486522

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.5	26.3
265	21.8	17.3	25.9

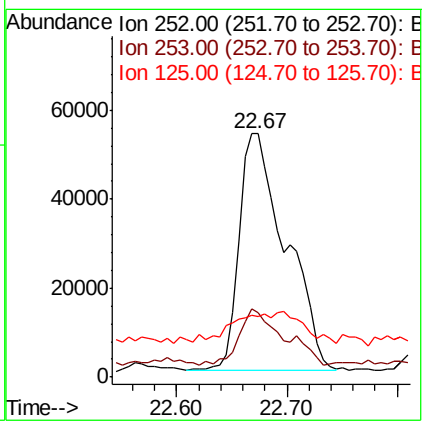


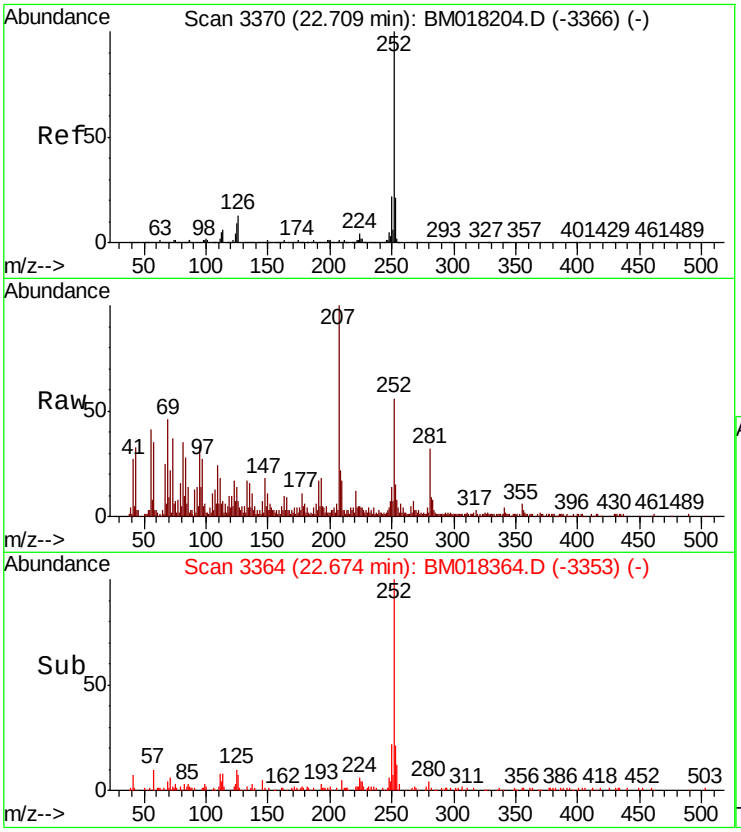


#88
Benzo(b)fluoranthene
Concen: 5.719 ng
RT: 22.67 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:252 Resp: 156297

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.6	26.4
125	24.8	7.4	11.0#



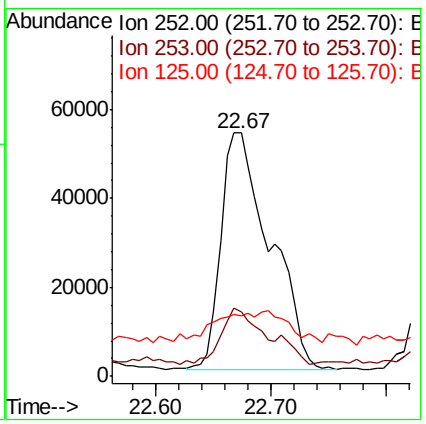


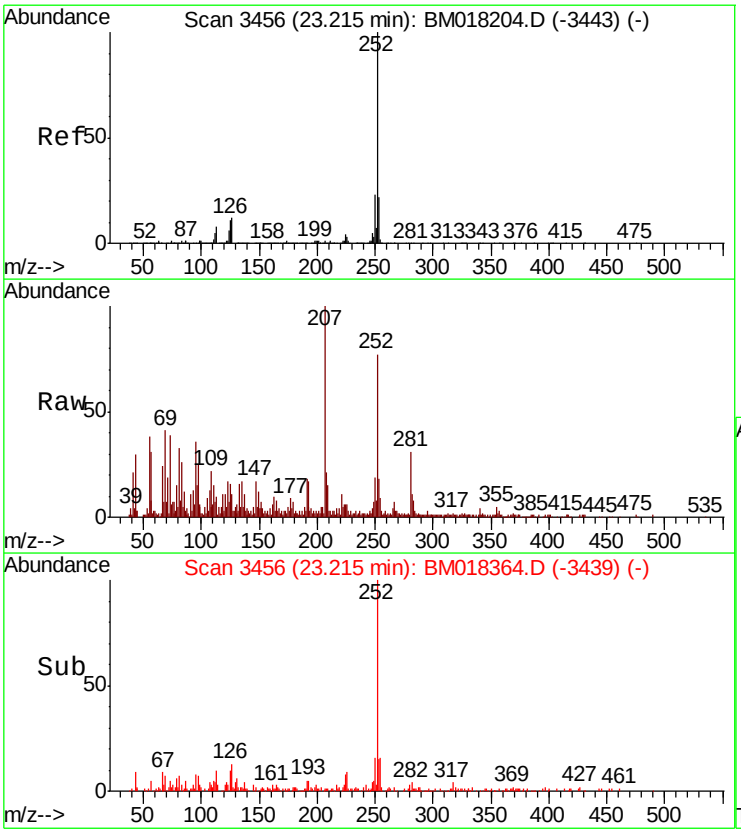
#89
Benzo(k)fluoranthene
Concen: 5.734 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:252 Resp: 156072

Ion	Ratio	Lower	Upper
252	100		
253	26.2	16.9	25.3#
125	24.8	7.5	11.3#

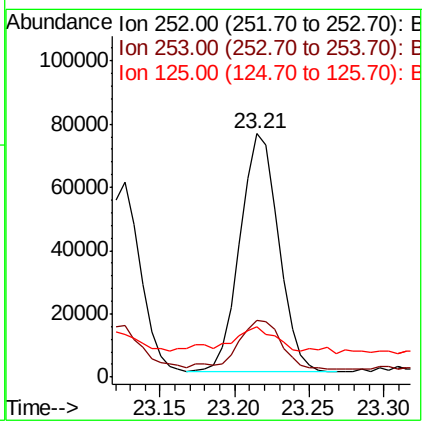


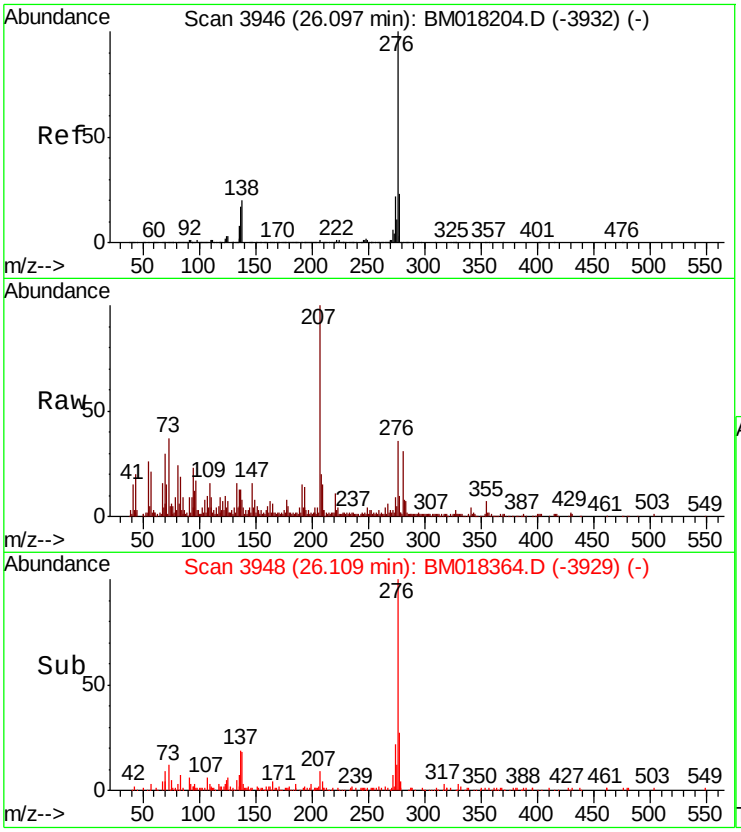


#90
Benzo(a)pyrene
Concen: 5.152 ng
RT: 23.21 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Tgt Ion:252 Resp: 133918

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	20.7	8.6	12.8#





#92
Benzo(g,h,i)perylene
Concen: 4.909 ng
RT: 26.11 min Scan# 3948
Delta R.T. 0.01 min
Lab File: BM018364.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_M
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:276 Resp: 111732

Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.7	28.1#
138	21.2	15.8	23.8