Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
Data File : BM018343.D
Acq On : 20 Dec 2018 22:59
Operator : JU/SJ
Sample : J6388-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS008-1218-01

Quant Time: Dec 21 01:27:20 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	7.49	152	152996	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	585441	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	302875	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	539462	20.00	ng		-0.01
76) Chrysene-d12	21.14	240	554916	20.00	ng		0.00
87) Perylene-d12	23.31	264	599950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1093371	119.38	ng		0.00
7) Phenol-d6	6.70	99	1489623	117.02	ng		0.00
23) Nitrobenzene-d5	8.65	82	965641	84.60	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	394510	88.75	ng		0.00
45) 2-Fluorobiphenyl	12.75	172	1667584	71.31	ng		-0.02
79) Terphenyl-d14	19.57	244	1588292	64.73	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.85	93	37237	2.332	ng		94
10) Phenol	6.73	94	122383	9.078	ng		93
20) 3+4-Methylphenols	8.28	107	45201	3.583	ng		89
27) 2,4-Dimethylphenol	9.47	122	17453	2.165	ng	#	77
30) 1,2,4-Trichlorobenzene	10.12	180	27539	2.709	ng		95
49) Acenaphthylene	13.87	152	163583	5.413	ng		98
50) Dimethylphthalate	13.62	163	92227	3.663	ng		99
71) Phenanthrene	16.96	178	431806	14.736	ng		99
72) Anthracene	17.04	178	138009	4.747	ng		96
75) Fluoranthene	18.99	202	319596	9.381	ng		99
78) Pyrene	19.36	202	539800	16.326	ng		99
81) Benzo(a)anthracene	21.12	228	220116	6.790	ng	#	89
83) Chrysene	21.17	228	234526	7.522	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.44	276	128684	4.143	ng	#	94
88) Benzo(b)fluoranthene	22.67	252	280496	8.323	ng	#	84
89) Benzo(k)fluoranthene	22.67	252	278491	8.298	ng	#	83
90) Benzo(a)pyrene	23.21	252	227478	7.097	ng	#	89
92) Benzo(g,h,i)perylene	26.11	276	186783	6.655	ng		97

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

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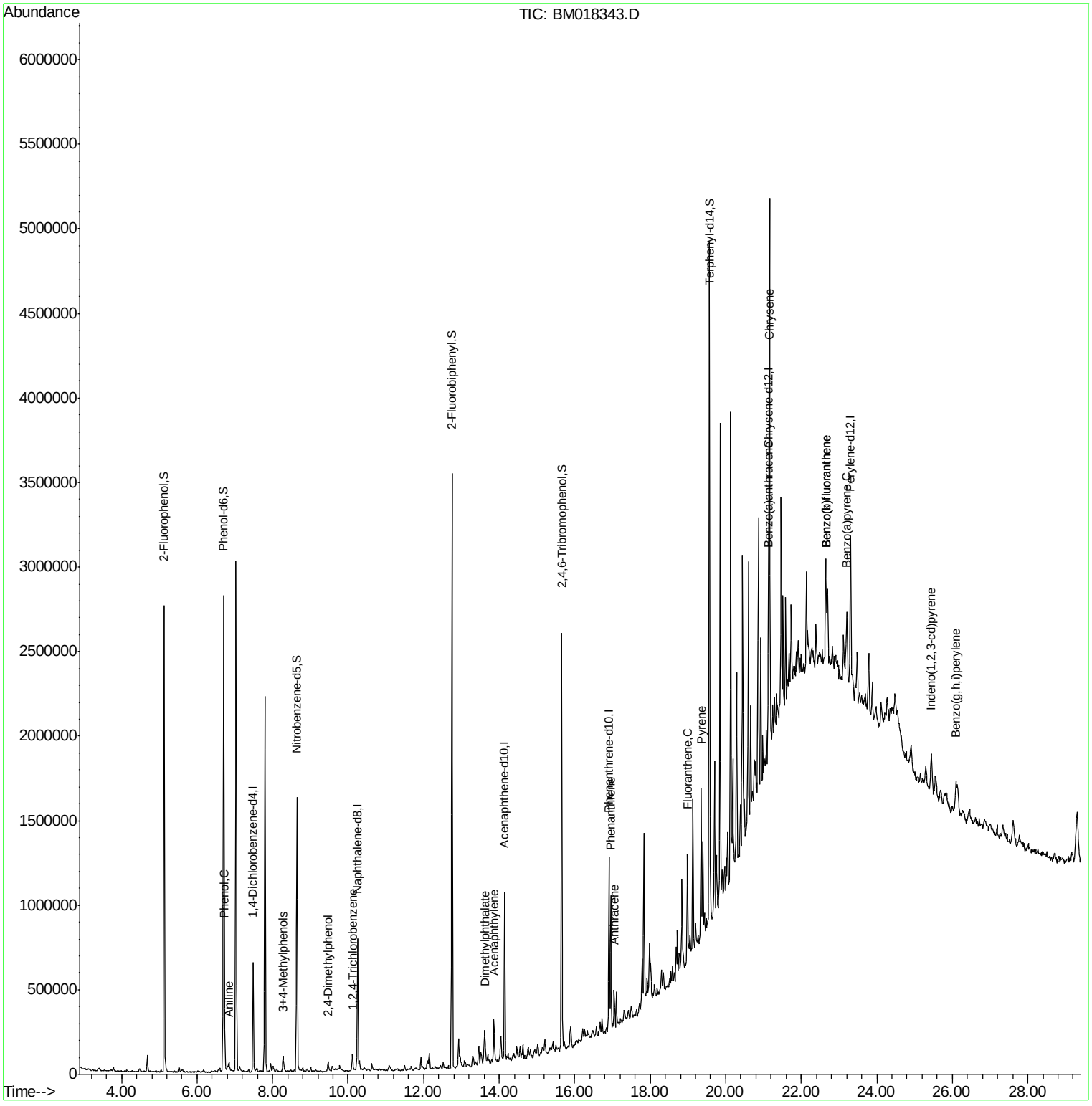
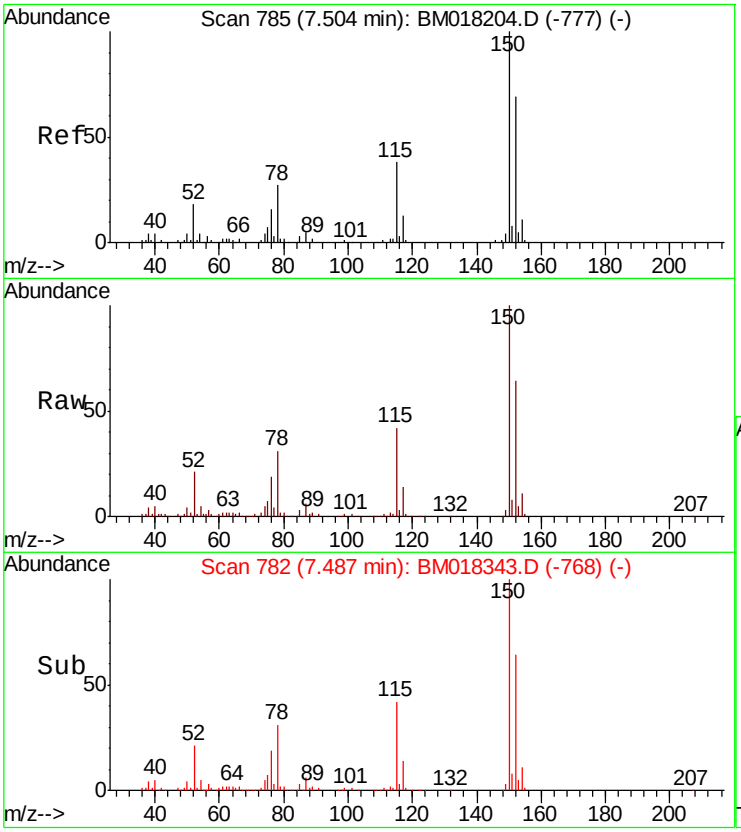


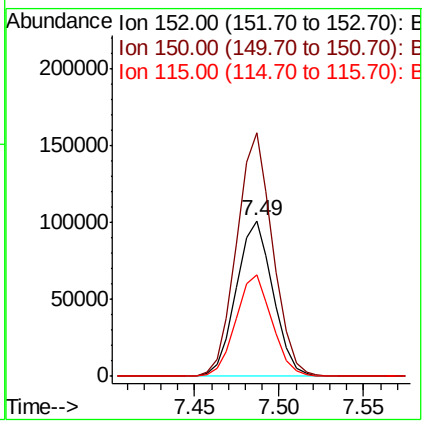


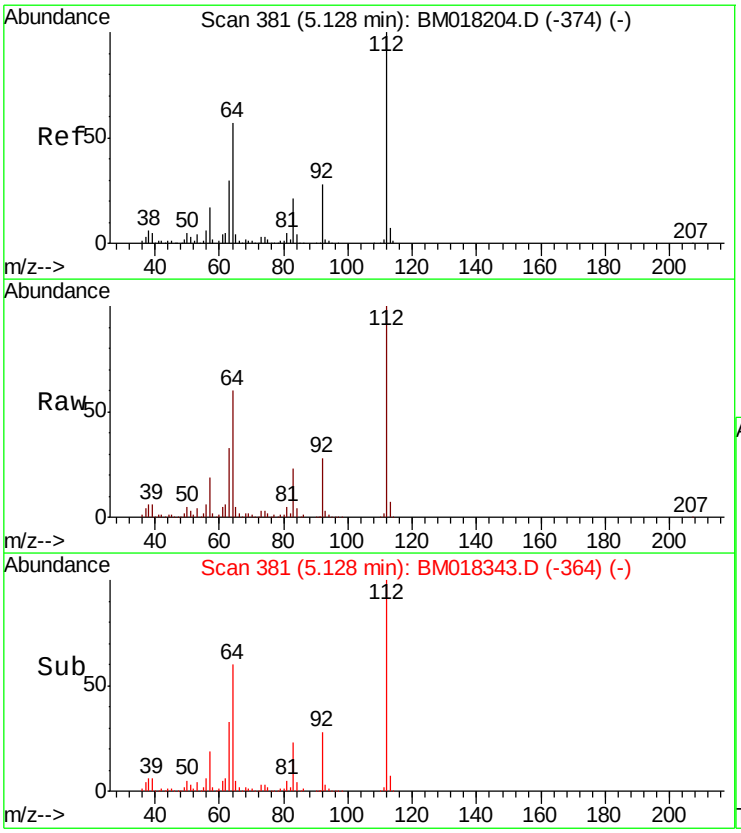
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:152 Resp: 152996

Ion	Ratio	Lower	Upper
152	100		
150	156.4	116.1	174.1
115	65.5	44.6	67.0

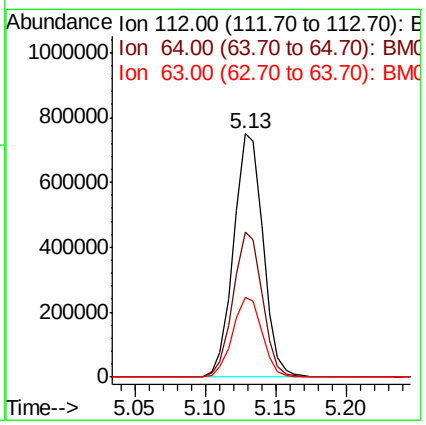


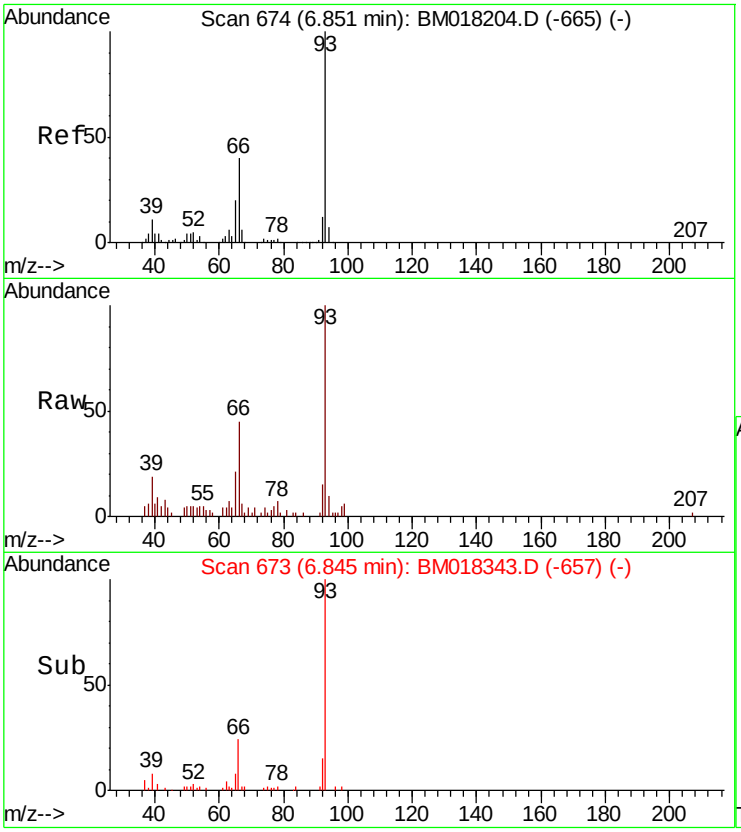


#5
2-Fluorophenol
Concen: 119.380 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:112 Resp: 1093371

Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.4	68.2
63	32.9	24.0	36.0



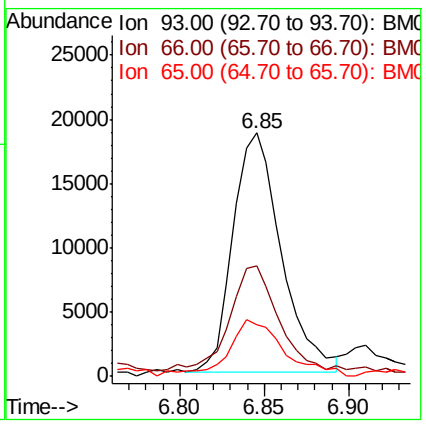


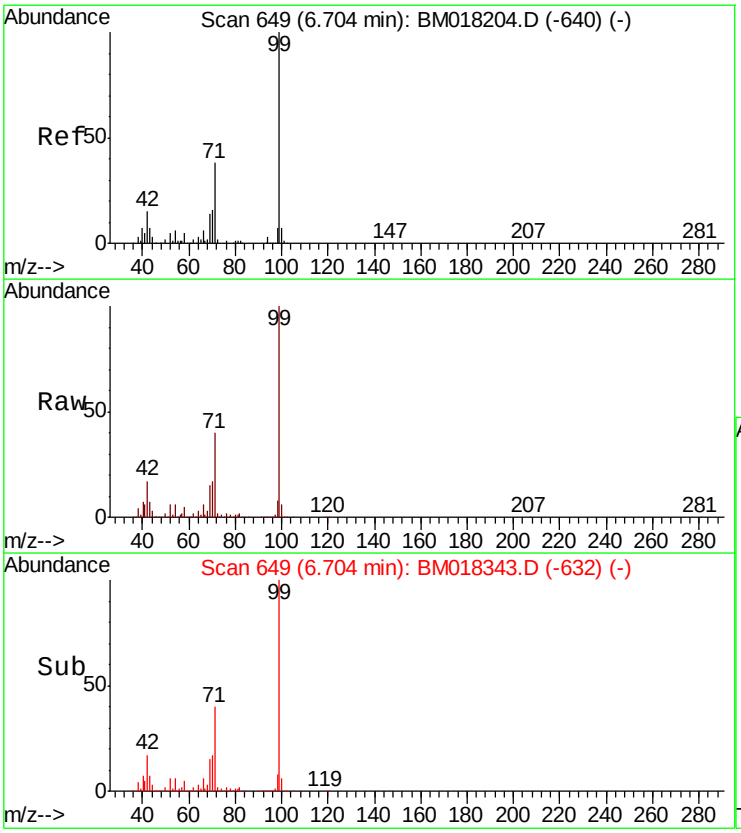
#6
Aniline
Concen: 2.332 ng
RT: 6.85 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion: 93 Resp: 37237

Ion	Ratio	Lower	Upper
93	100		
66	45.3	32.3	48.5
65	21.4	16.2	24.4

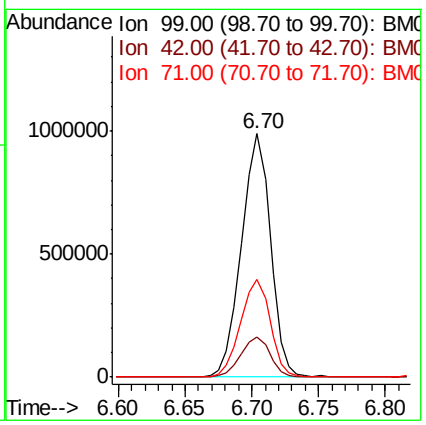


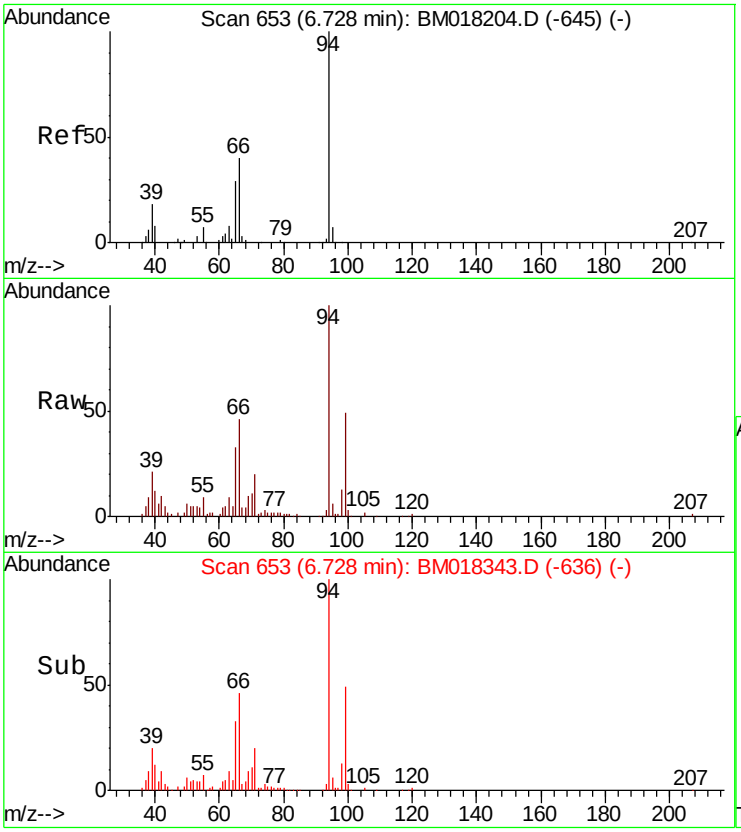


#7
Phenol-d6
Concen: 117.017 ng
RT: 6.70 min Scan# 649
Delta R.T. -0.00 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion: 99 Resp: 1489623

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.3	18.5
71	40.1	30.2	45.2



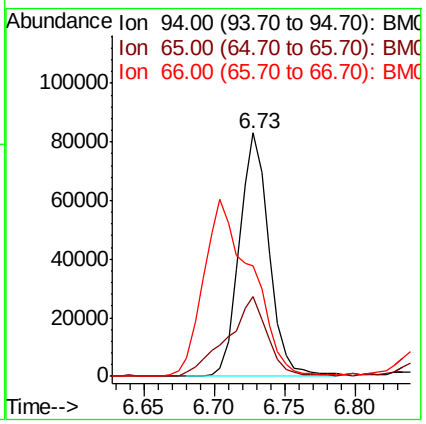


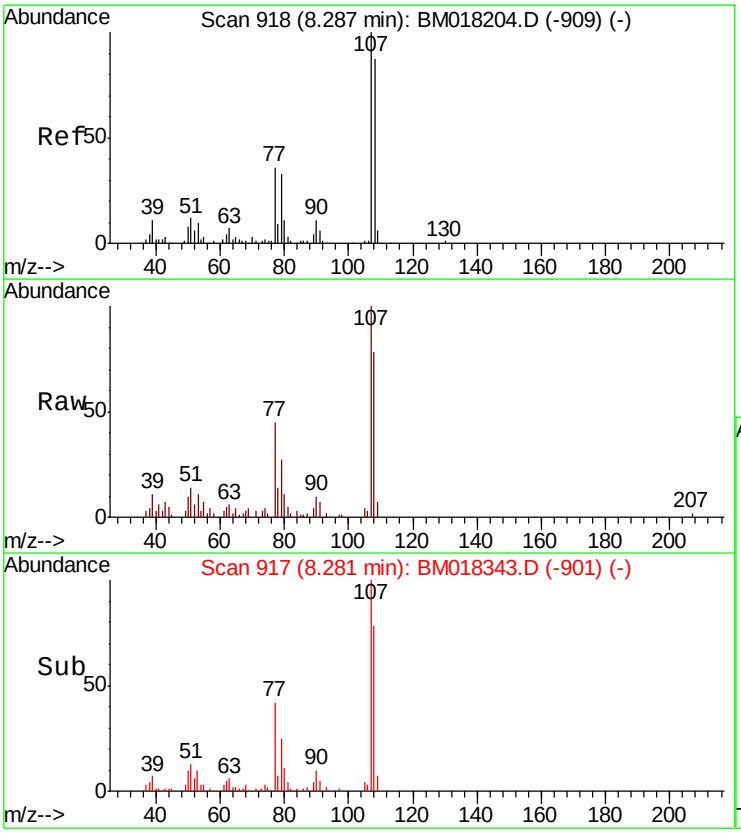
#10
Phenol
Concen: 9.078 ng
RT: 6.73 min Scan# 653
Delta R.T. -0.00 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion: 94 Resp: 122383

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.5	49.5
66	45.6	21.3	61.3

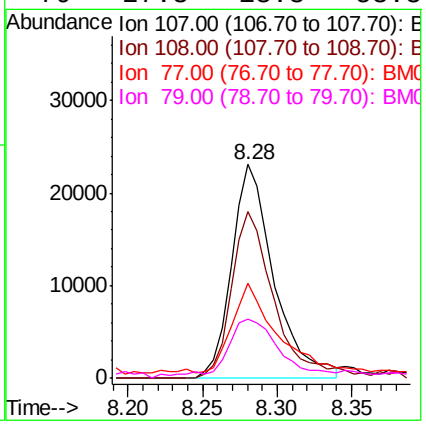


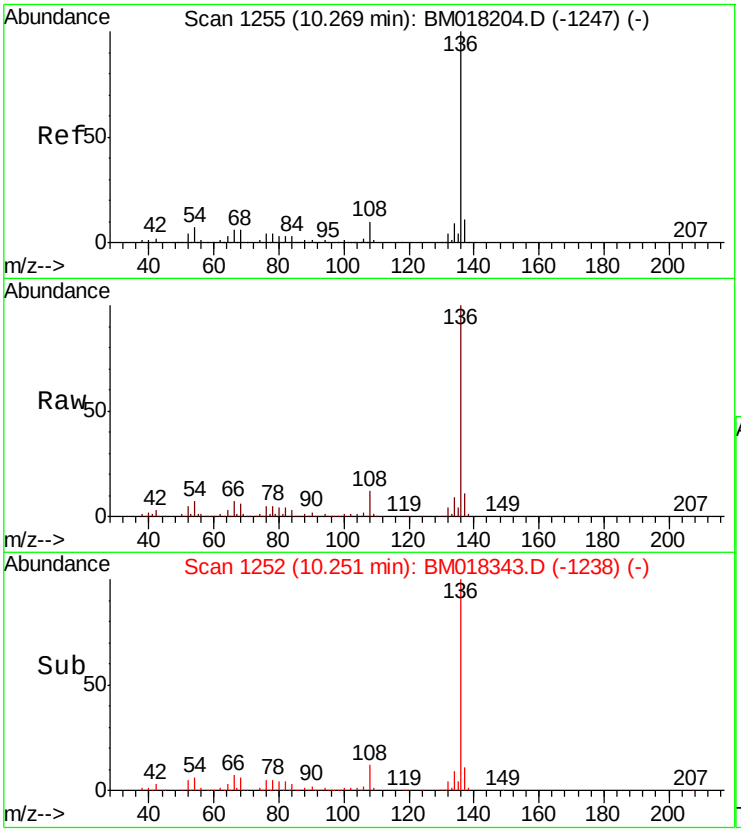


#20
3+4-Methylphenols
Concen: 3.583 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:107 Resp: 45201

Ion	Ratio	Lower	Upper
107	100		
108	78.0	67.4	107.4
77	44.6	15.7	55.7
79	27.3	13.3	53.3



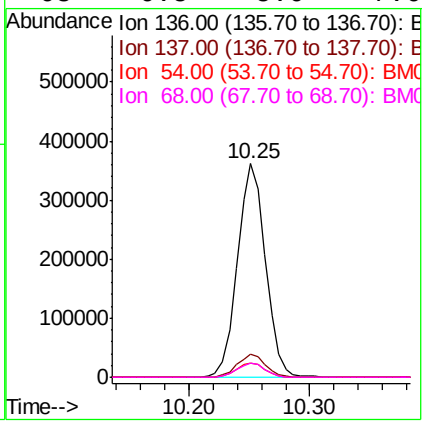


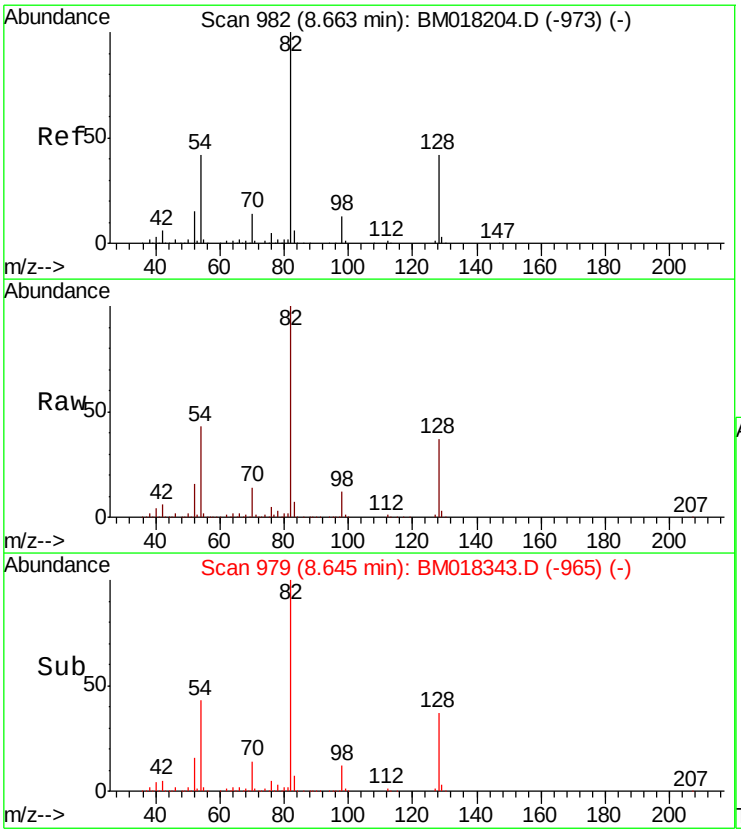
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:136 Resp: 585441

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	5.2	7.8
68	6.5	5.0	7.6

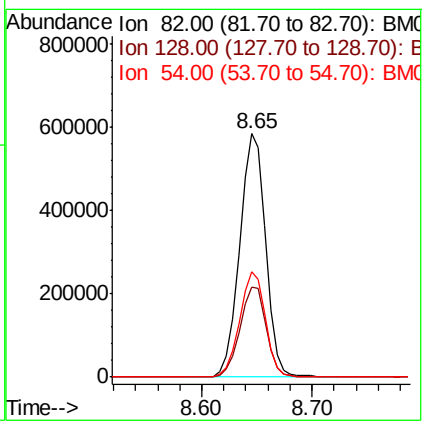


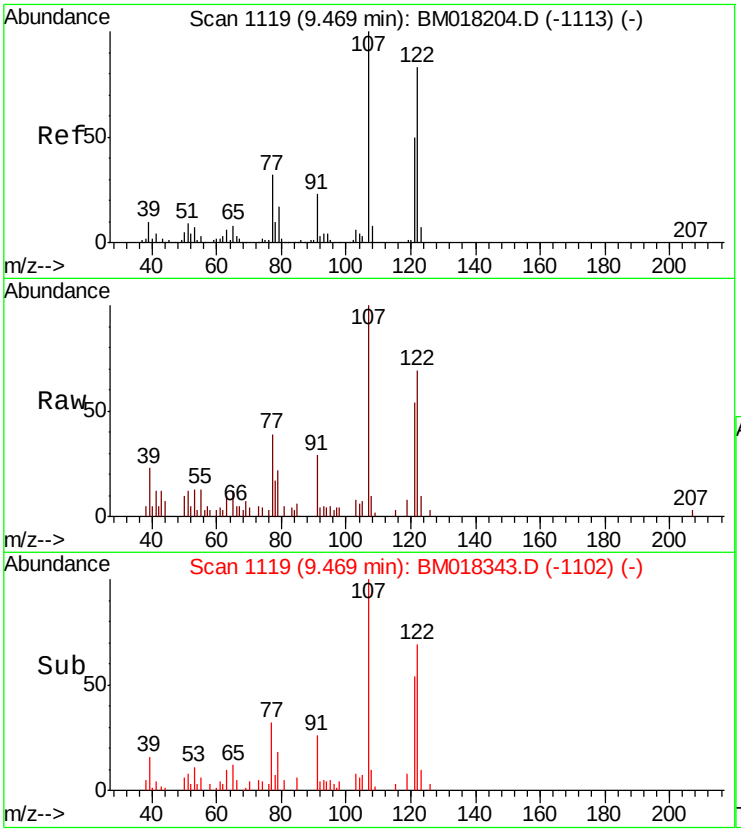


#23
Nitrobenzene-d5
Concen: 84.605 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion: 82 Resp: 965641

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.4	50.2
54	43.1	33.4	50.2



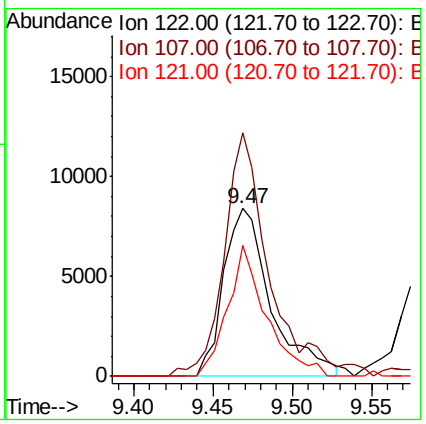


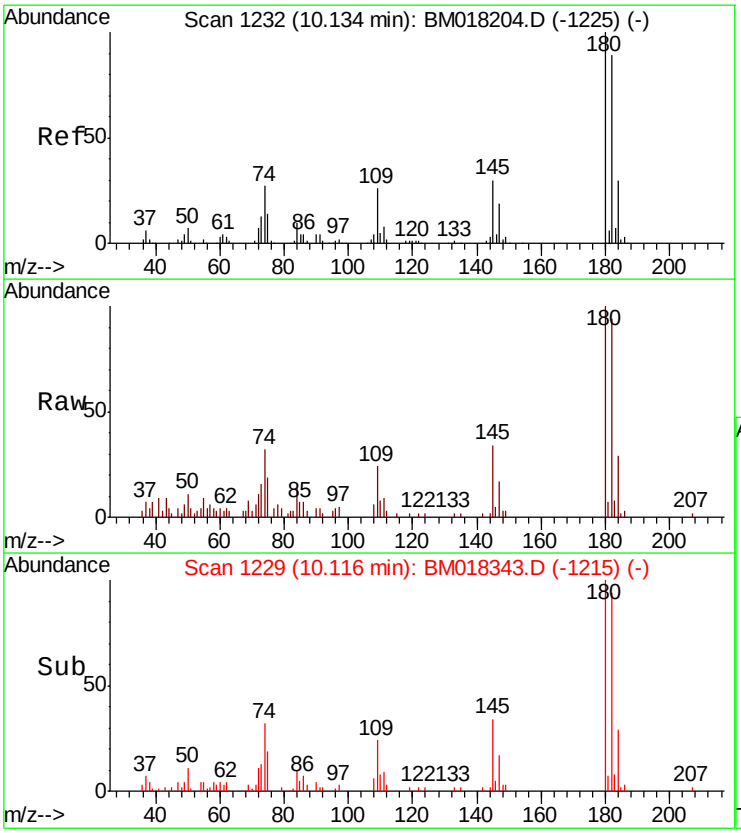
#27
2,4-Dimethylphenol
Concen: 2.165 ng
RT: 9.47 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:122 Resp: 17453

Ion	Ratio	Lower	Upper
122	100		
107	145.1	96.5	144.7#
121	78.3	48.2	72.4#

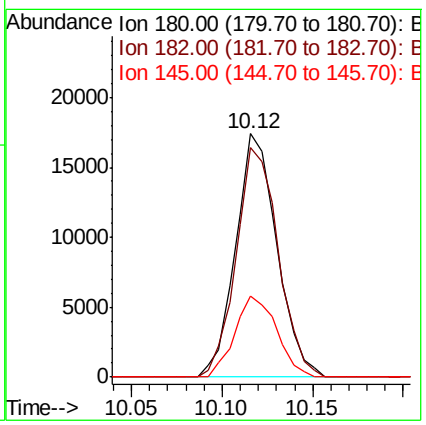


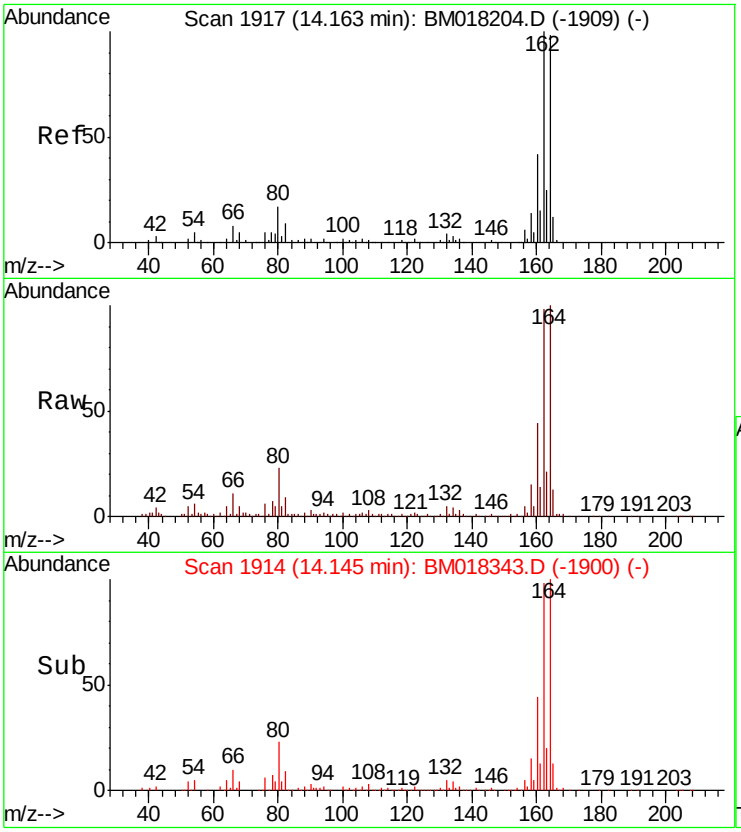


#30
1,2,4-Trichlorobenzene
Concen: 2.709 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:180 Resp: 27539

Ion	Ratio	Lower	Upper
180	100		
182	94.1	71.4	107.2
145	33.5	24.4	36.6



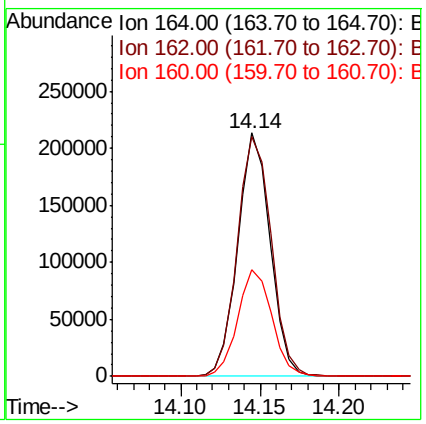


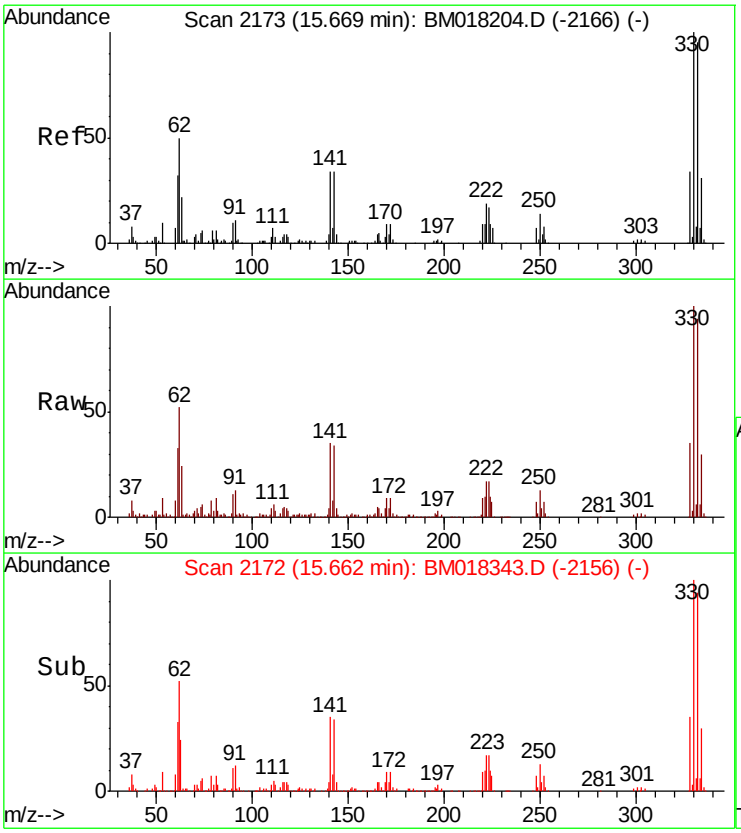
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:164 Resp: 302875

Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.8	122.6
160	44.0	34.6	51.8

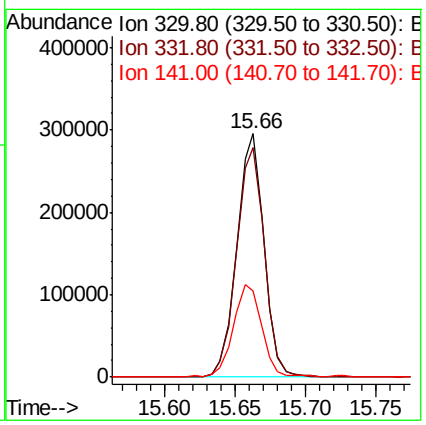


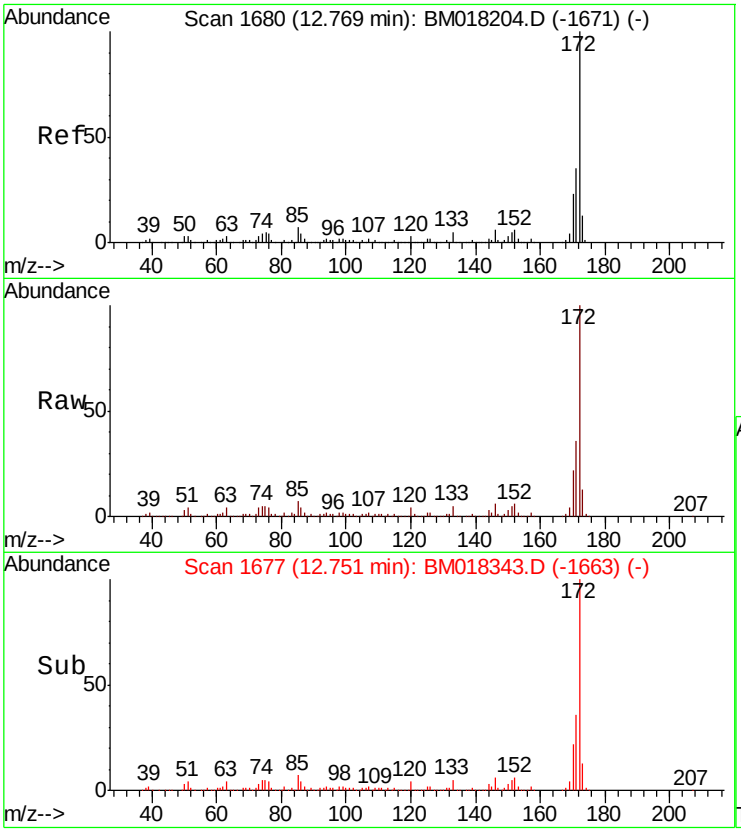


#42
2,4,6-Tribromophenol
Concen: 88.746 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:330 Resp: 394510

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	118.0
141	38.9	27.1	40.7



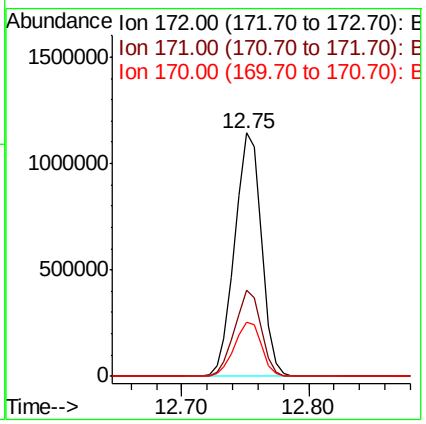


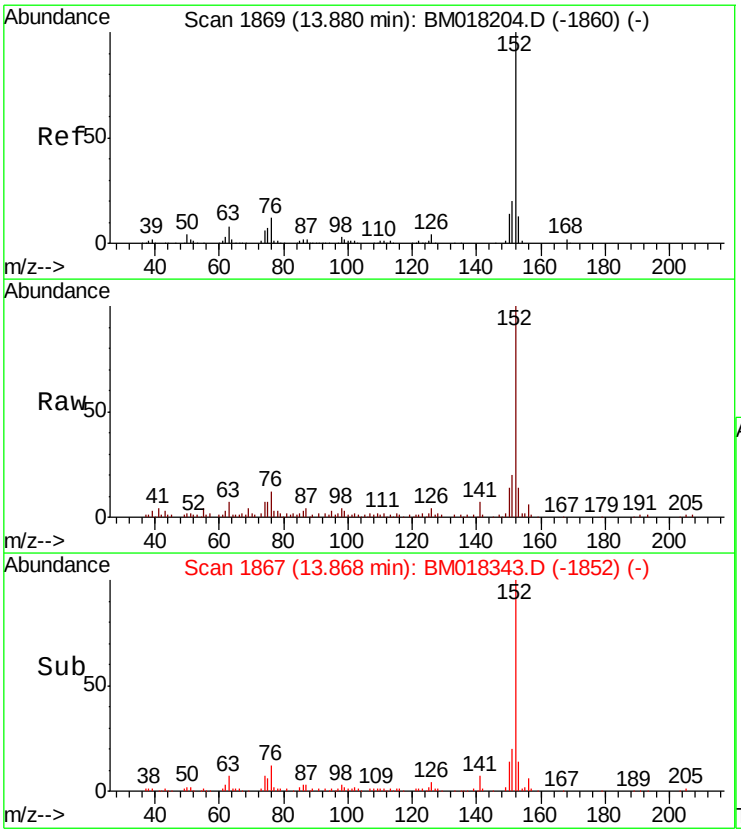
#45
2-Fluorobiphenyl
Concen: 71.314 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:172 Resp: 1667584

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	22.5	18.1	27.1

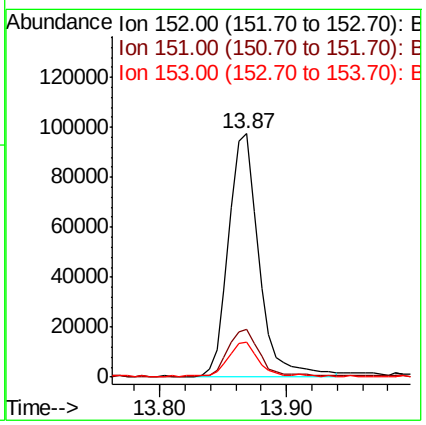


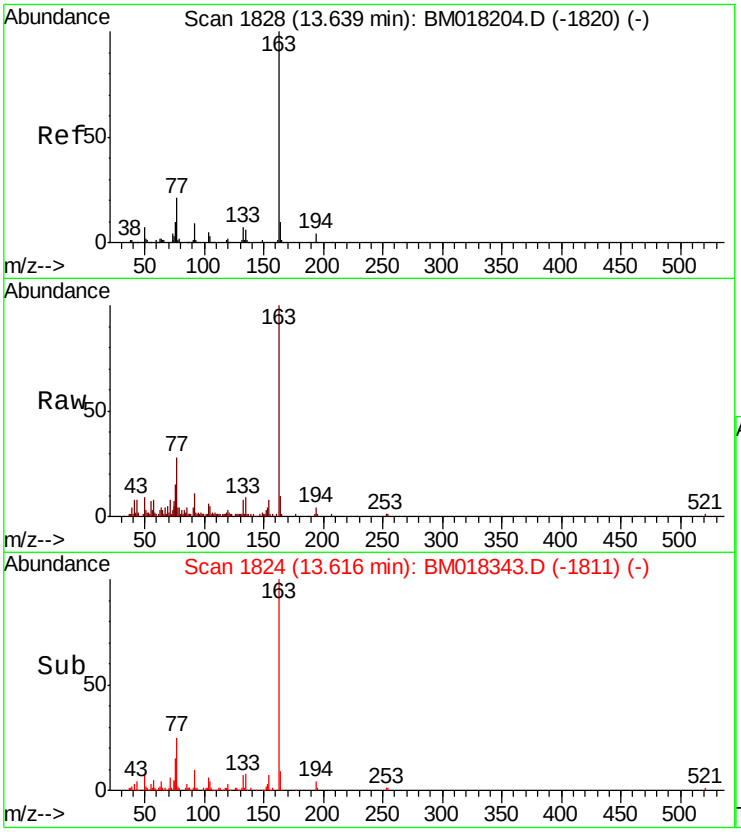


#49
Acenaphthylene
Concen: 5.413 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:152 Resp: 163583

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	14.3	10.2	15.2



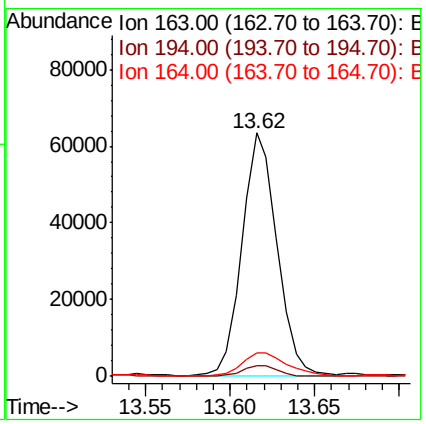


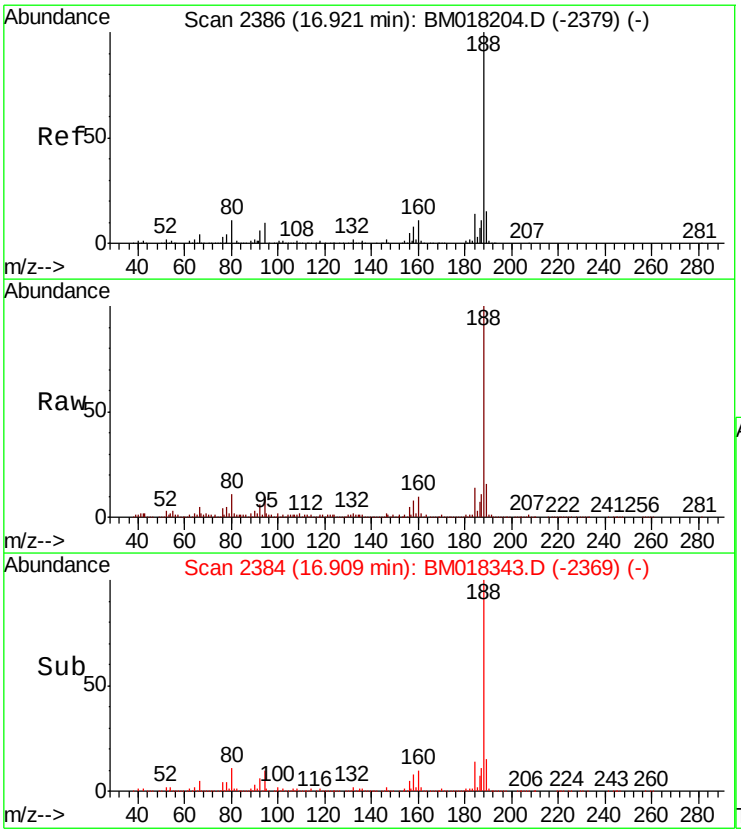
#50
Dimethylphthalate
Concen: 3.663 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:163 Resp: 92227

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.7	7.9	11.9

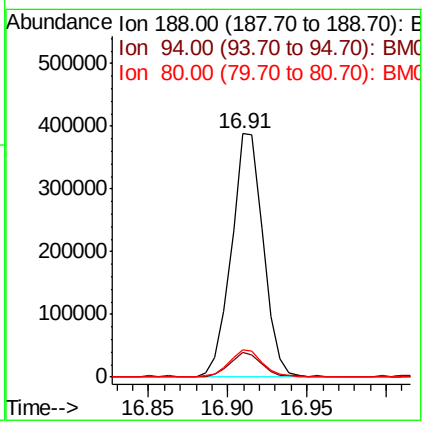


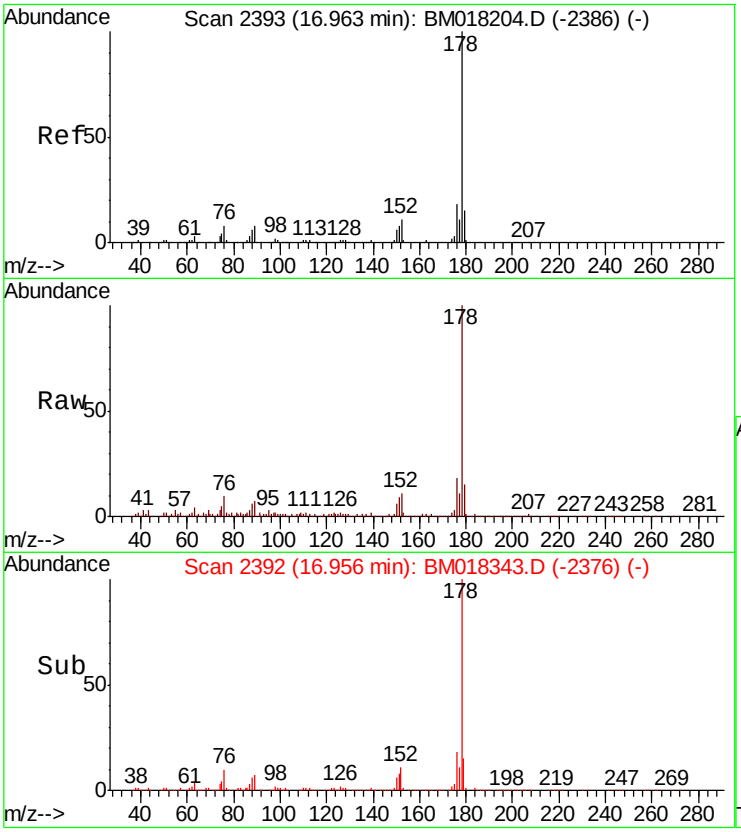


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:188 Resp: 539462

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	11.3	9.0	13.6



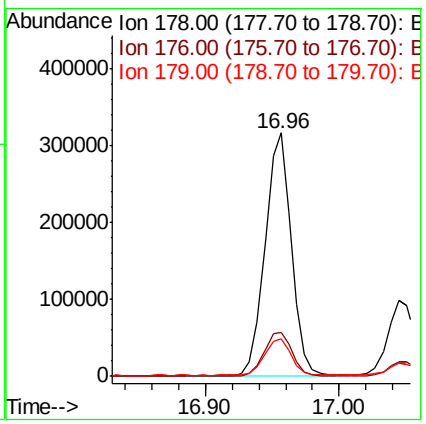


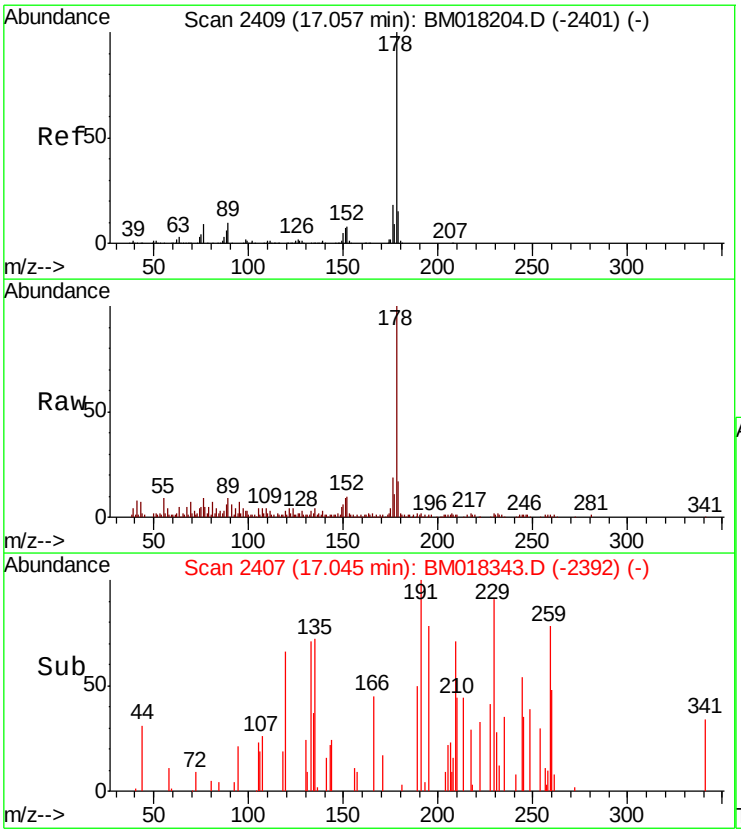
#71
Phenanthrene
Concen: 14.736 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:178 Resp: 431806

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.4	12.0	18.0

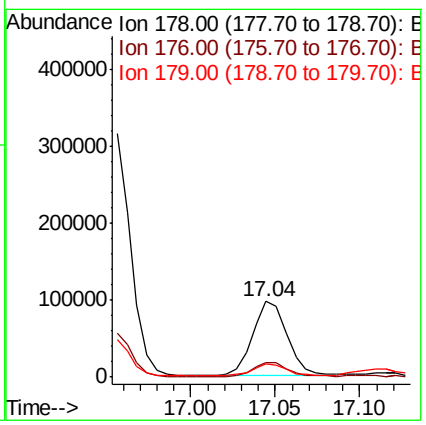


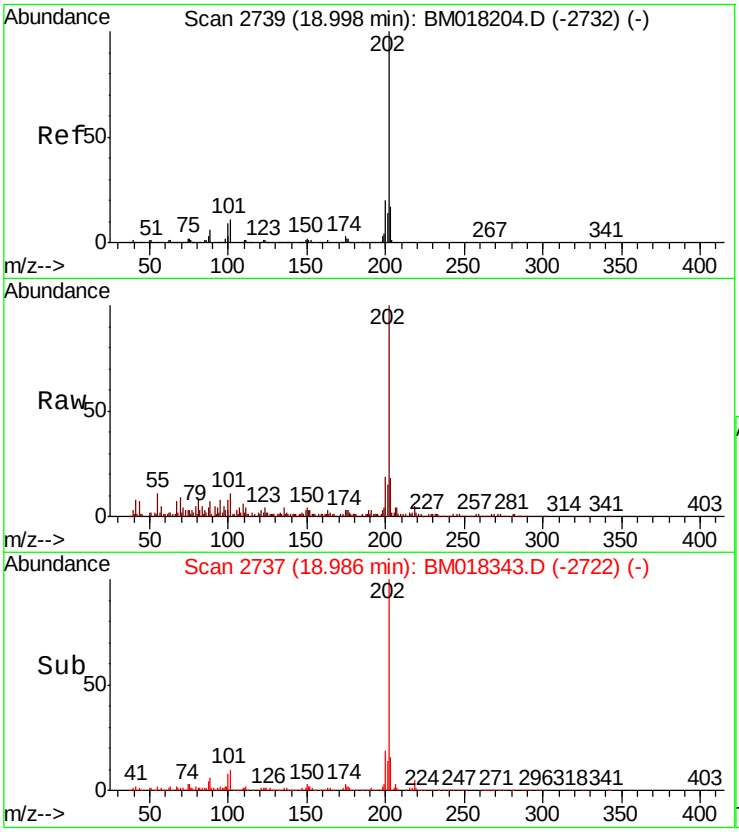


#72
Anthracene
Concen: 4.747 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:178 Resp: 138009

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.3	21.5
179	16.7	12.0	18.0



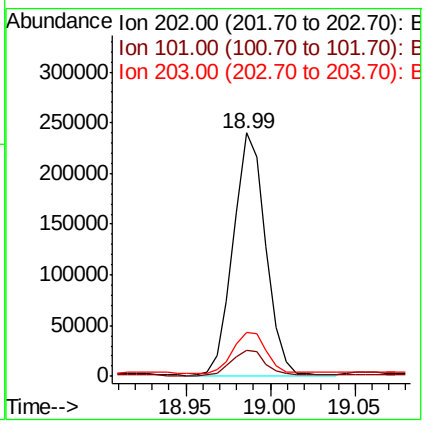


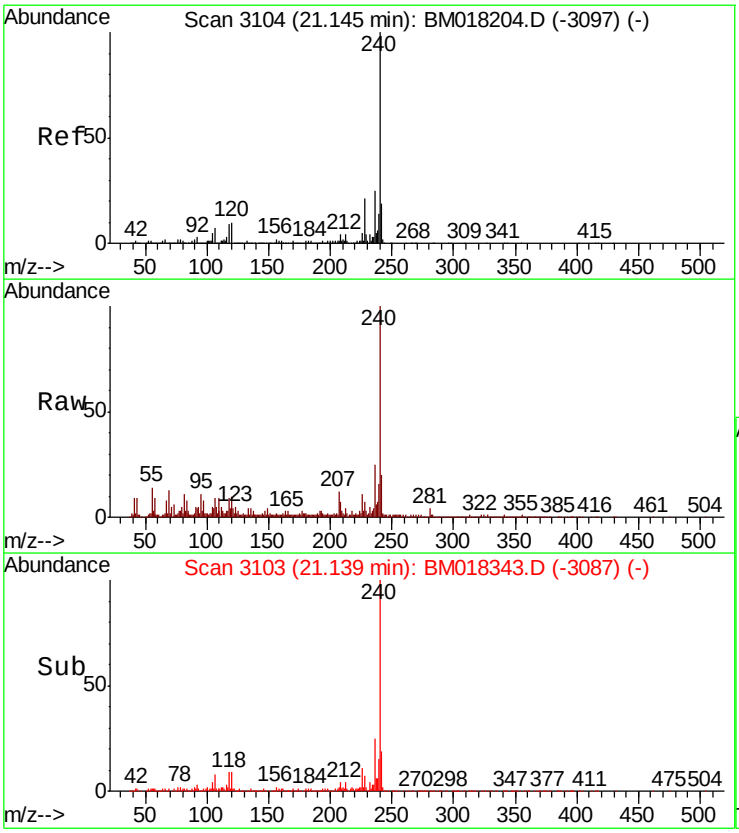
#75
Fluoranthene
Concen: 9.381 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:202 Resp: 319596

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.5
203	18.2	0.0	37.5

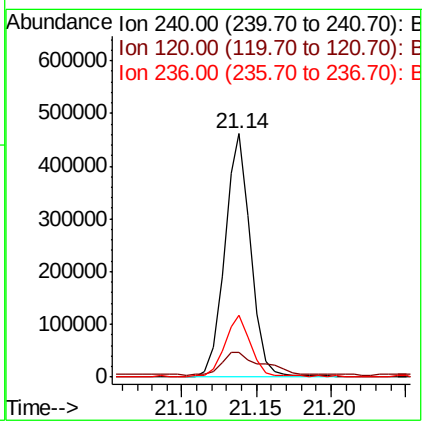


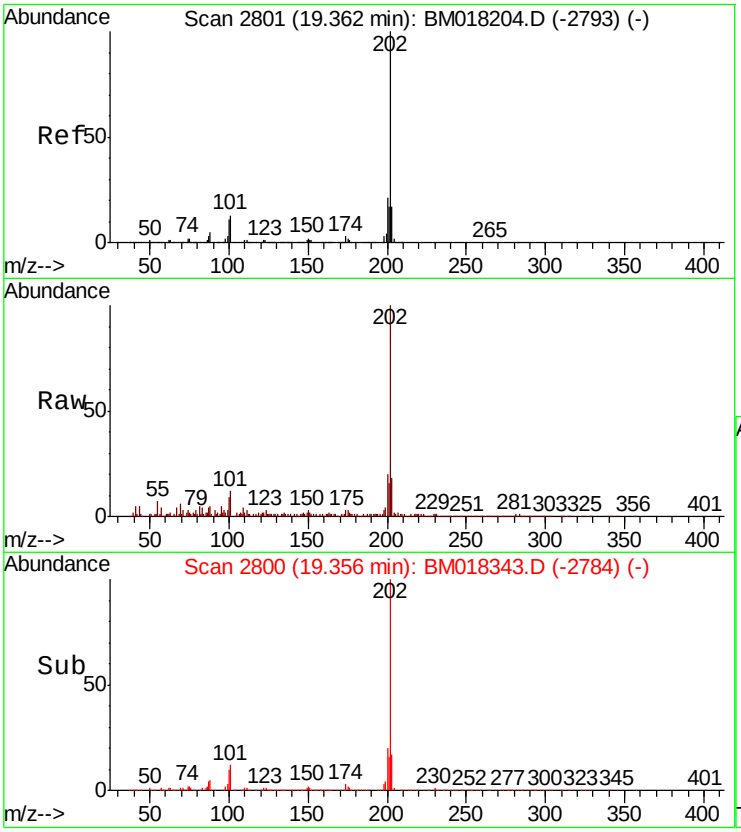


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:240 Resp: 554916

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	25.2	20.3	30.5



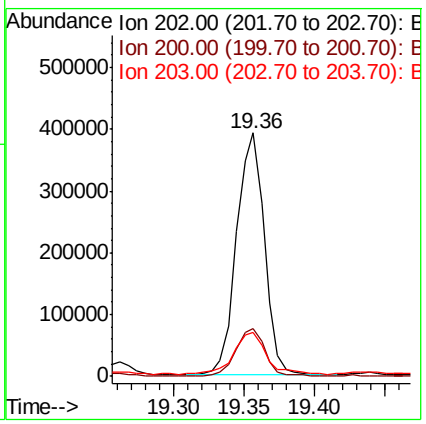


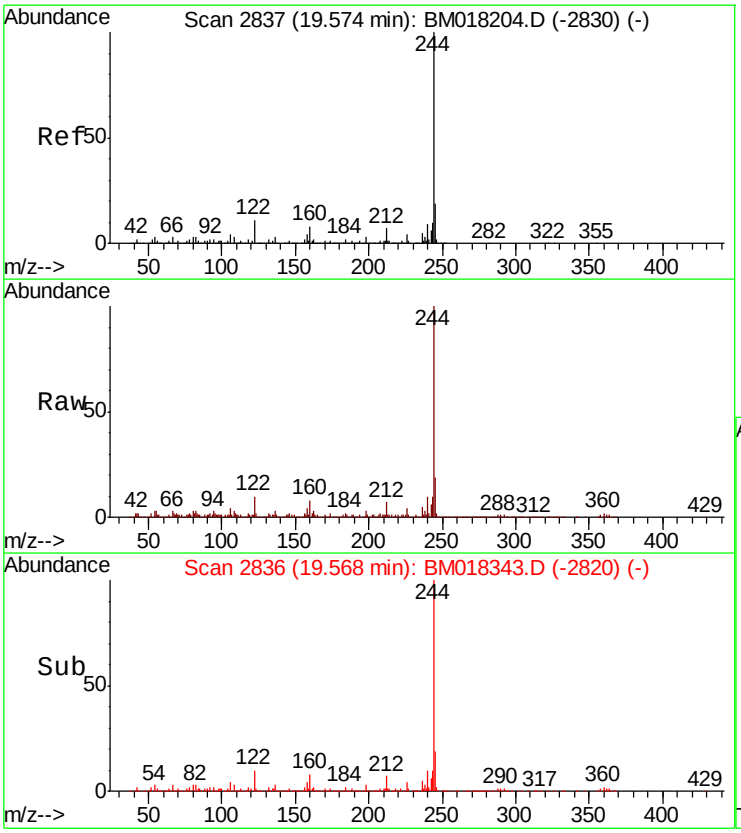
#78
Pyrene
Concen: 16.326 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:202 Resp: 539800

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.5	24.7
203	18.0	14.0	21.0

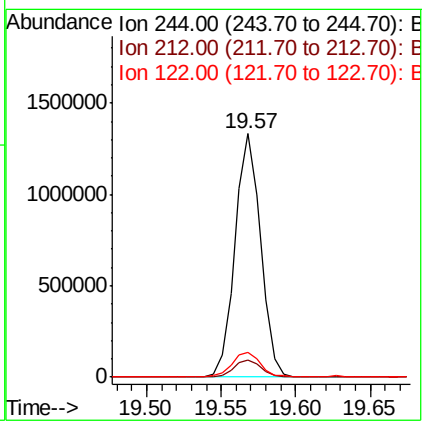


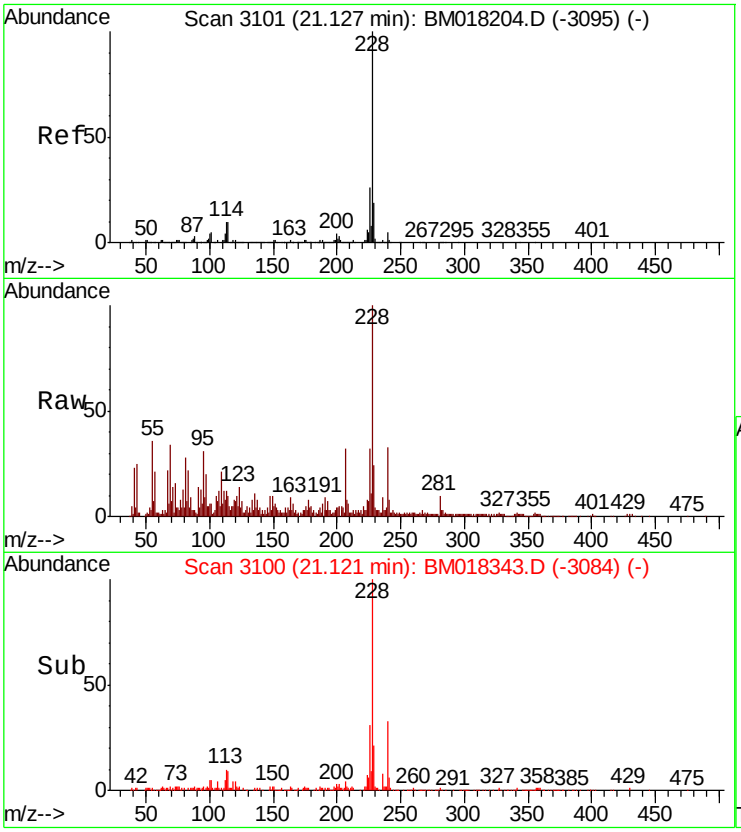


#79
Terphenyl-d14
Concen: 64.733 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:244 Resp: 1588292

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.4	9.0	13.6



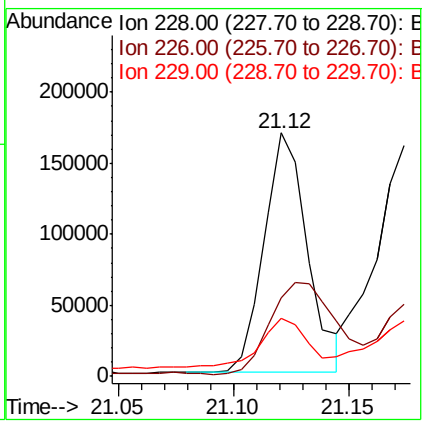


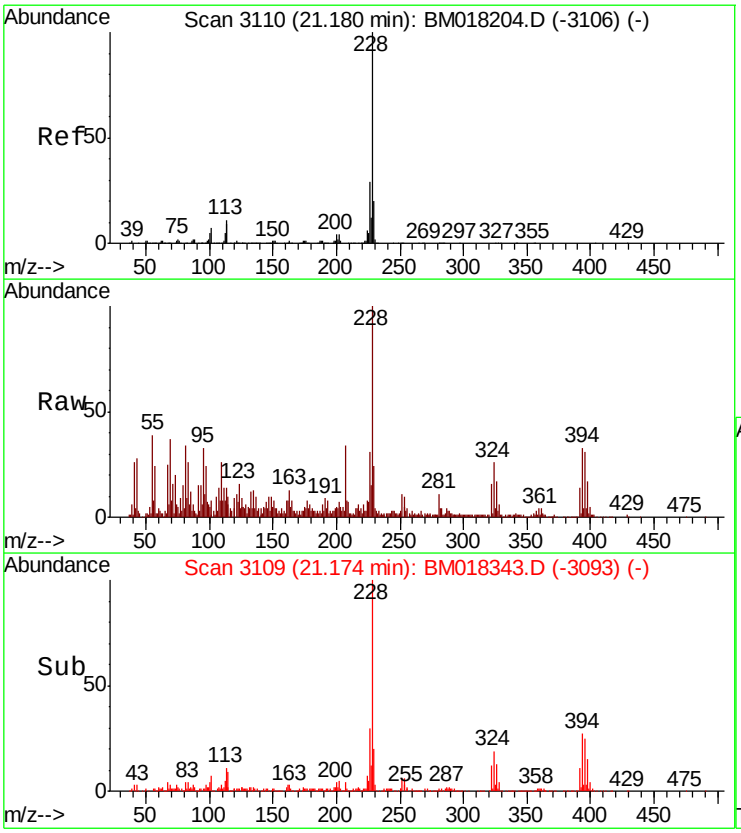
#81
Benzo(a)anthracene
Concen: 6.790 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:228 Resp: 220116

Ion	Ratio	Lower	Upper
228	100		
226	32.0	21.0	31.4#
229	23.7	15.5	23.3#

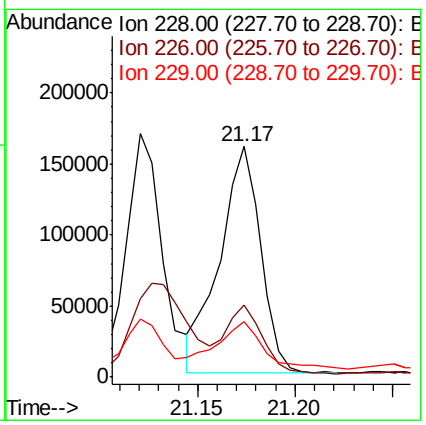


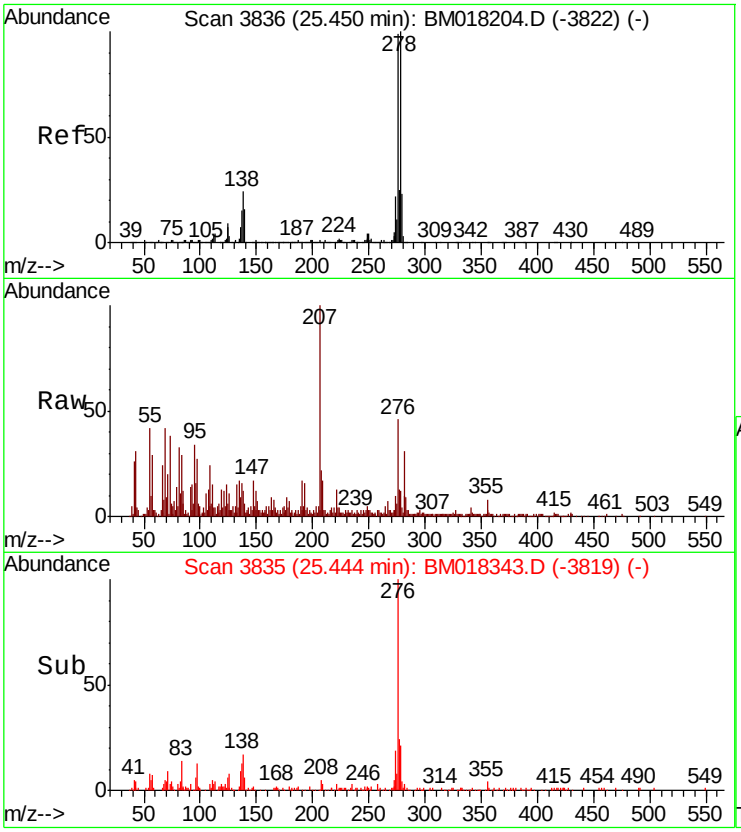


#83
Chrysene
Concen: 7.522 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:228 Resp: 234526

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.1	34.7
229	23.9	15.8	23.6#



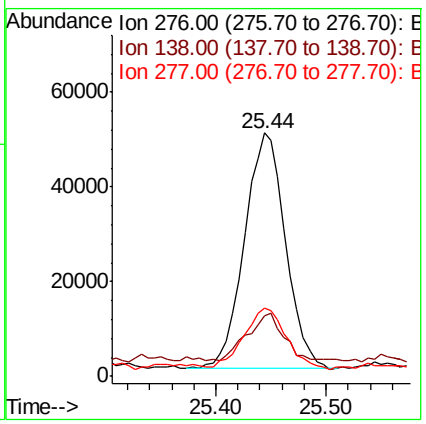


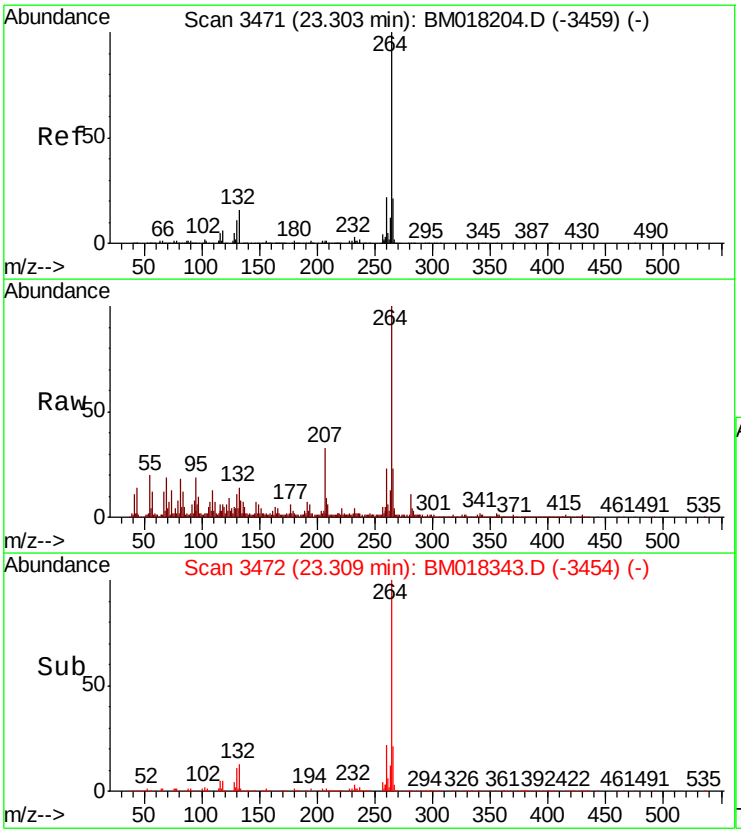
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.143 ng
RT: 25.44 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:276 Resp: 128684

Ion	Ratio	Lower	Upper
276	100		
138	18.1	18.6	28.0#
277	26.6	20.3	30.5

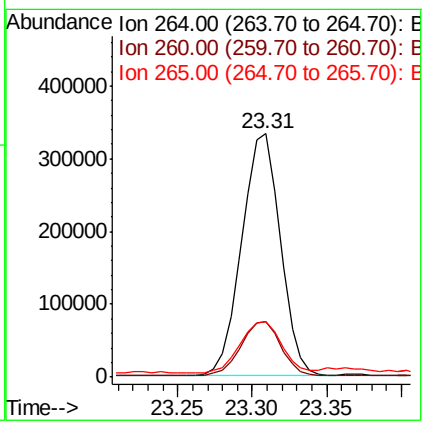


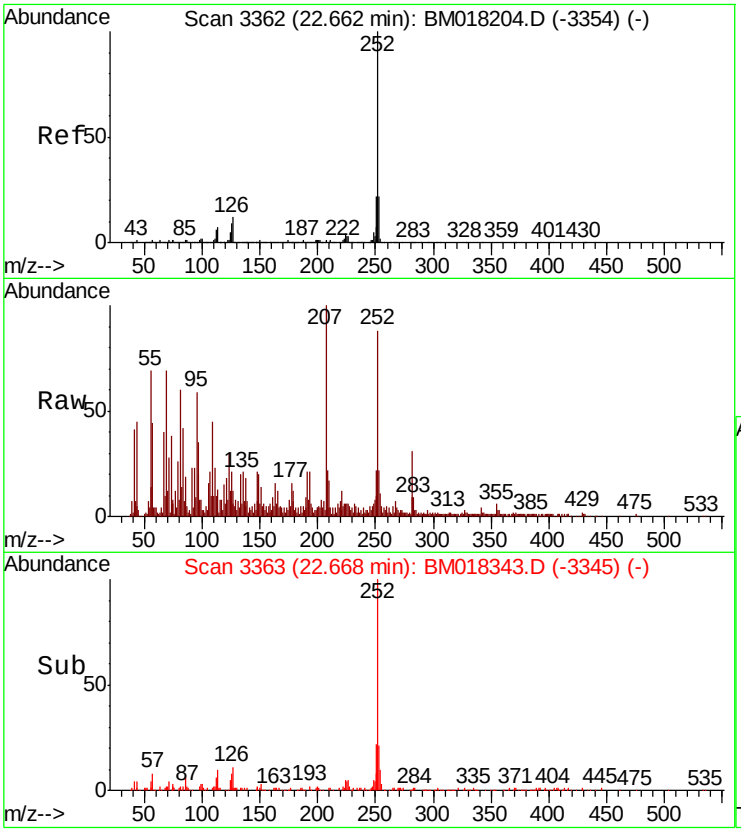


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:264 Resp: 599950

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.5	26.3
265	22.9	17.3	25.9



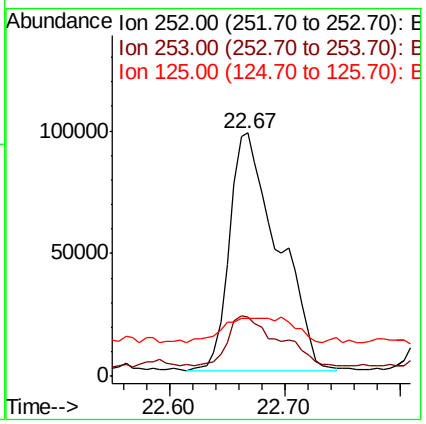


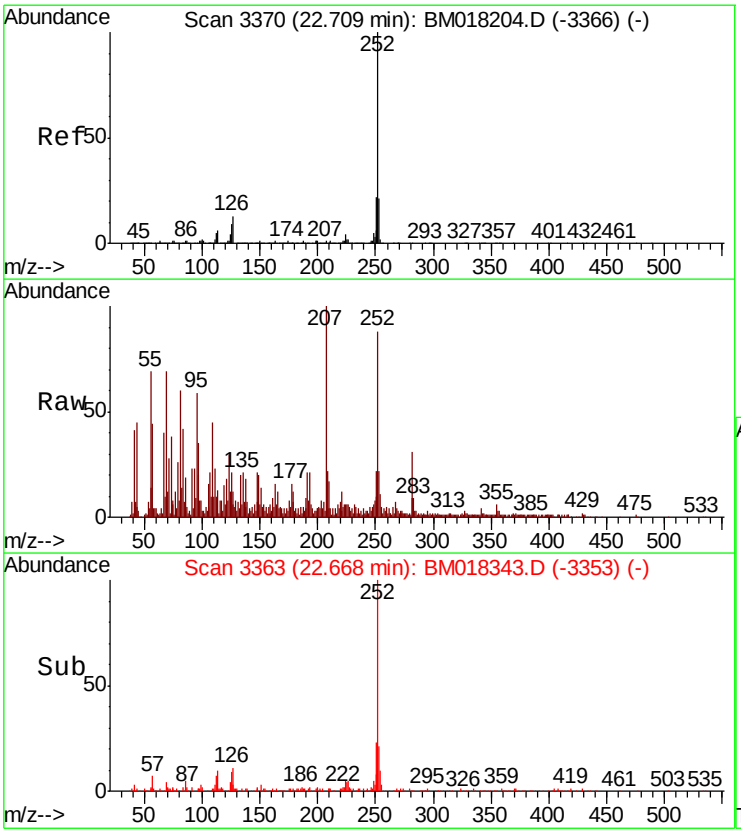
#88
Benzo(b)fluoranthene
Concen: 8.323 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:252 Resp: 280496

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	23.9	7.4	11.0#

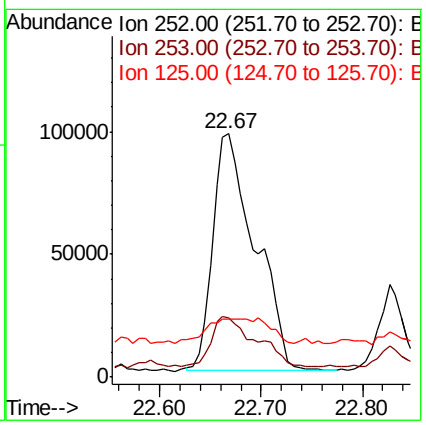


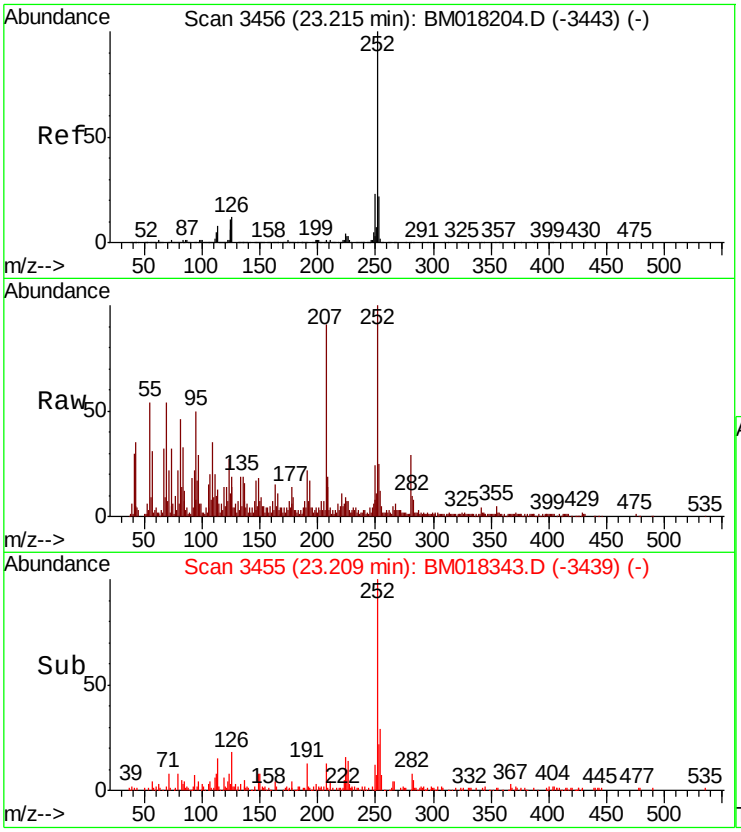


#89
Benzo(k)fluoranthene
Concen: 8.298 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.04 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:252 Resp: 278491

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.9	25.3
125	23.9	7.5	11.3#



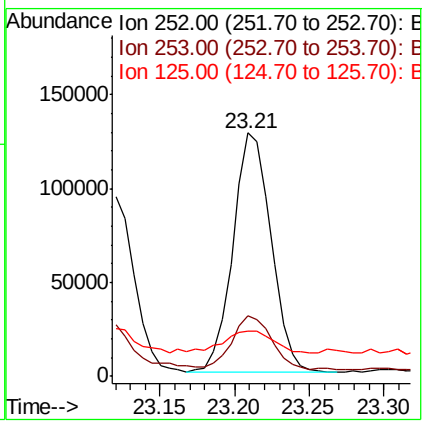


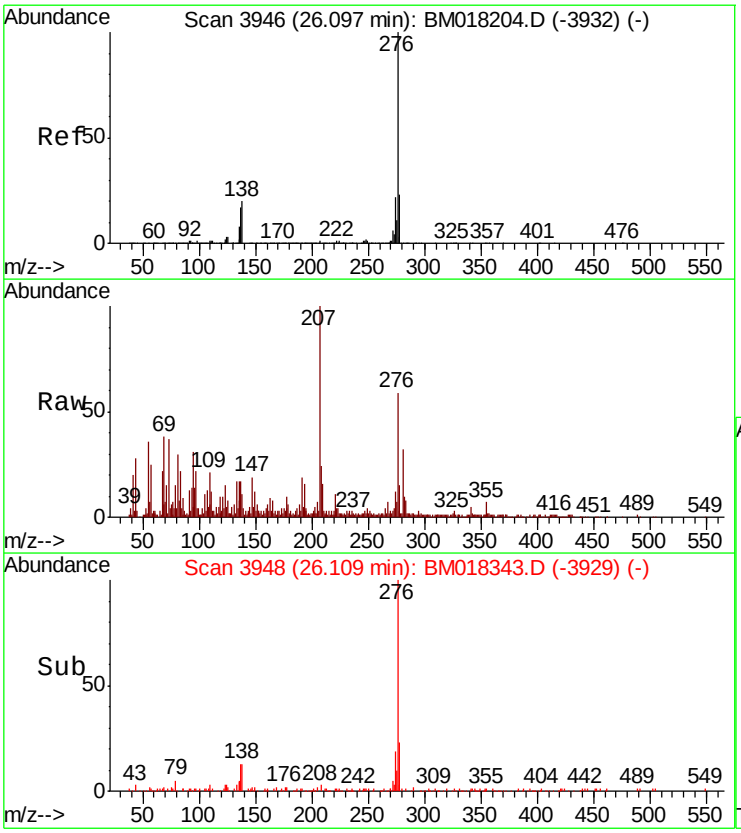
#90
Benzo(a)pyrene
Concen: 7.097 ng
RT: 23.21 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01

Tgt Ion:252 Resp: 227478

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	18.6	8.6	12.8#





#92
Benzo(g,h,i)perylene
Concen: 6.655 ng
RT: 26.11 min Scan# 3948
Delta R.T. 0.01 min
Lab File: BM018343.D
Acq: 20 Dec 2018 22:59

Tgt Ion:276 Resp: 186783

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	18.3	15.8	23.8