Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\

Quantitation Report (Not Reviewed)

Data File : BM018042.D
Acq On : 11 Dec 2018 01:56
Operator : JU/SJ
Sample : J6077-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y32

Quant Time: Dec 11 06:47:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	228244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	964642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	569381	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.97	188	1063141	20.00	ng/ul	0.02
77) Chrysene-d12	21.19	240	1010877	20.00	ng/ul	0.02
85) Perylene-d12	23.37	264	991477	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	16137	3.24	ng/uL	0.00
5) Phenol-d5	6.75	99	369469	17.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	233454	18.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	332660	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	297391	17.46	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	161893	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	185975	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	325330	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	253827	18.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1069148	21.64	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1328658	22.22	ng/ul	0.02
51) 4-Nitrophenol-d4	14.45	143	116081	12.92	ng/ul	0.02
57) Fluorene-d10	15.22	176	888432	20.83	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	75779	9.97	ng/ul	0.02
70) Anthracene-d10	17.07	188	1215121	22.96	ng/ul	0.02
78) Pyrene-d10	19.38	212	1211456	24.77	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.24	264	1234858	22.96	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.77	94	67759	3.257	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.41	70	30566	2.208	ng/ul#	57
21) Isophorone	9.23	82	94738	2.738	ng/ul#	1
23) 2-Nitrophenol	9.45	139	12896	1.460	ng/ul#	17
24) 2,4-Dimethylphenol	9.52	107	19250	1.043	ng/ul#	70
28) Naphthalene	10.37	128	2023432	40.260	ng/ul	99
30) 4-Chloroaniline	10.49	127	14799	1.046	ng/ul#	74
34) 2-Methylnaphthalene	12.00	142	519038	13.834	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	14894	1.128	ng/ul#	29
40) 1,1'-Biphenyl	13.03	154	114340	2.439	ng/ul#	89
44) Dimethylphthalate	13.67	163	126982	2.653	ng/ul#	83
45) 2,6-Dinitrotoluene	13.81	165	11776	1.252	ng/ul#	16
47) Acenaphthylene	13.93	152	58166	1.042	ng/ul#	1
49) Acenaphthene	14.27	153	101945	2.533	ng/ul#	88
52) 4-Nitrophenol	14.42	109	9876	1.337	ng/ul#	11
53) Dibenzofuran	14.62	168	229265	4.026	ng/ul#	61
54) 2,4-Dinitrotoluene	14.63	165	55666	3.909	ng/ul#	73
58) Fluorene	15.27	166	138580	2.918	ng/ul#	63
64) N-Nitrosodiphenylamine	15.50	169	583751	17.834	ng/ul#	45
69) Phenanthrene	17.02	178	400947	6.595	ng/ul#	77
76) Fluoranthene	19.04	202	164533	2.301	ng/ul#	84
79) Pyrene	19.41	202	324711	5.291	ng/ul#	91
84) Chrysene	21.20	228	254368	4.338	ng/ul#	57

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\

Quantitation Report (Not Reviewed)

Data File : BM018042.D
Acq On : 11 Dec 2018 01:56
Operator : JU/SJ
Sample : J6077-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y32

Quant Time: Dec 11 06:47:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

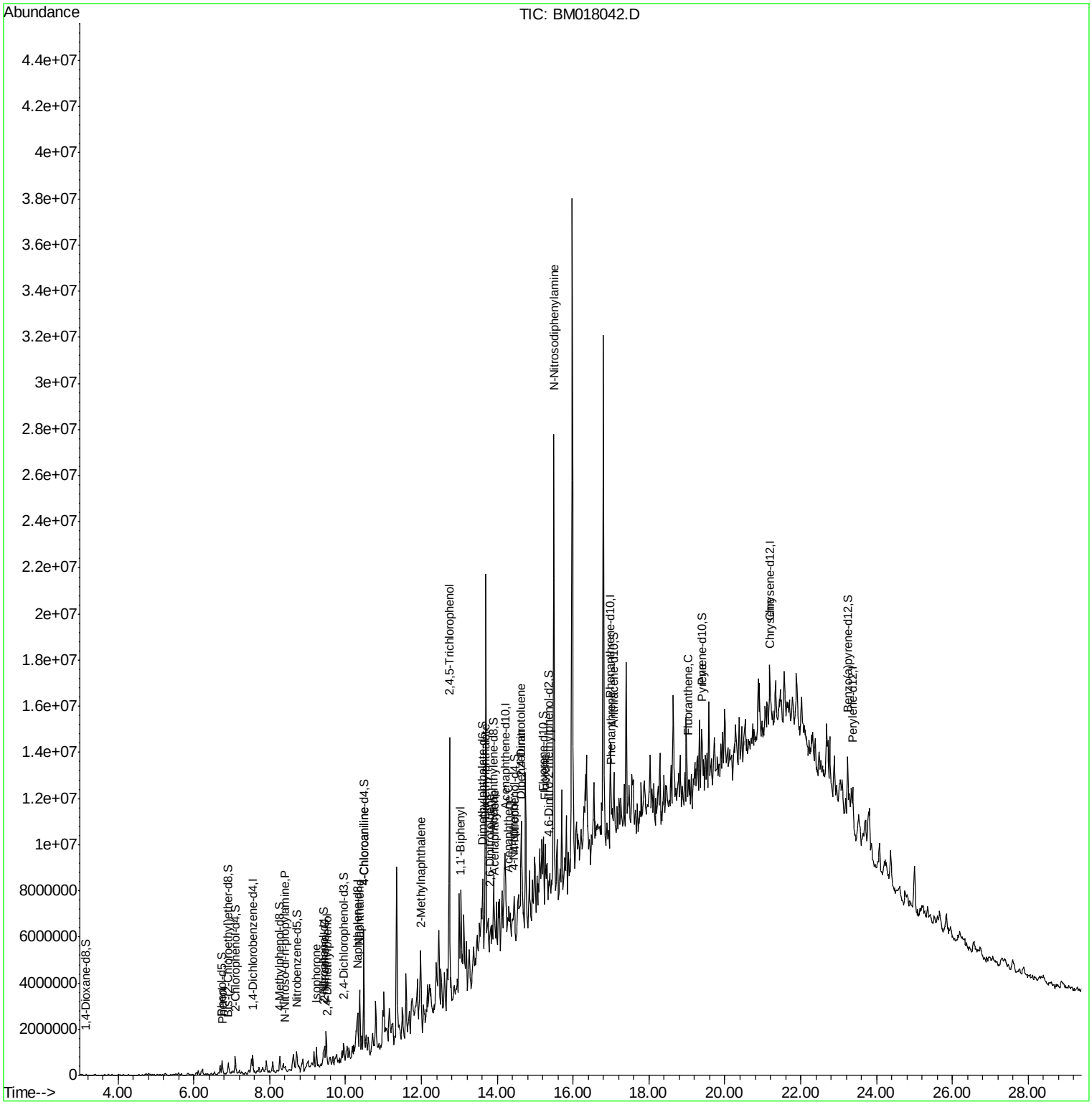
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\

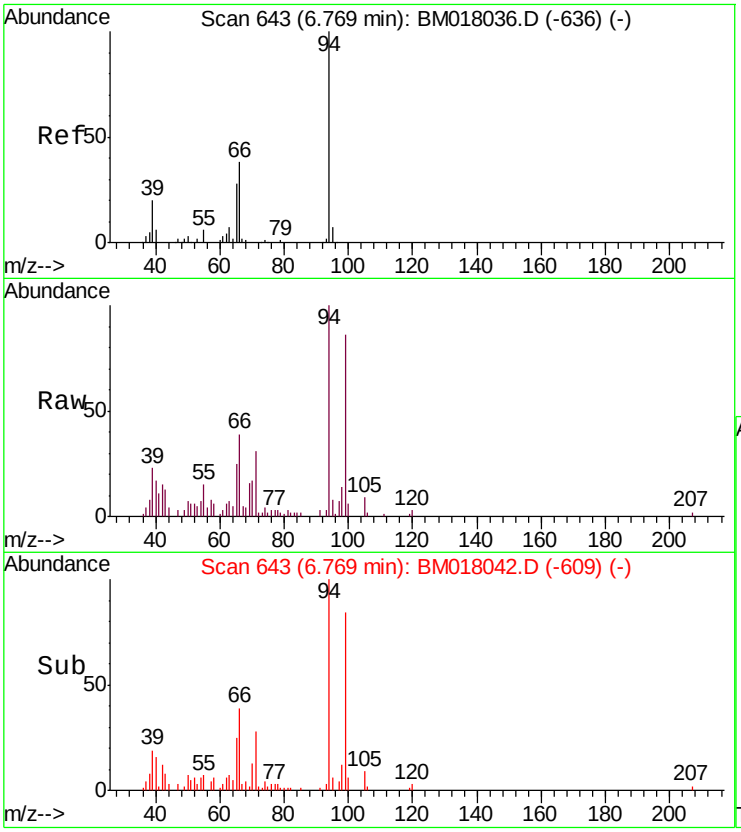
Quantitation Report (Not Reviewed)

Data File : BM018042.D
Acq On : 11 Dec 2018 01:56
Operator : JU/SJ
Sample : J6077-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y32

Quant Time: Dec 11 06:47:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration



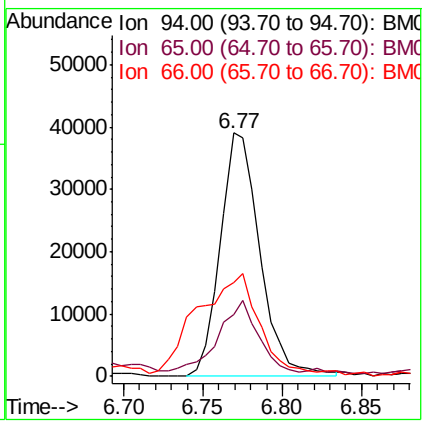


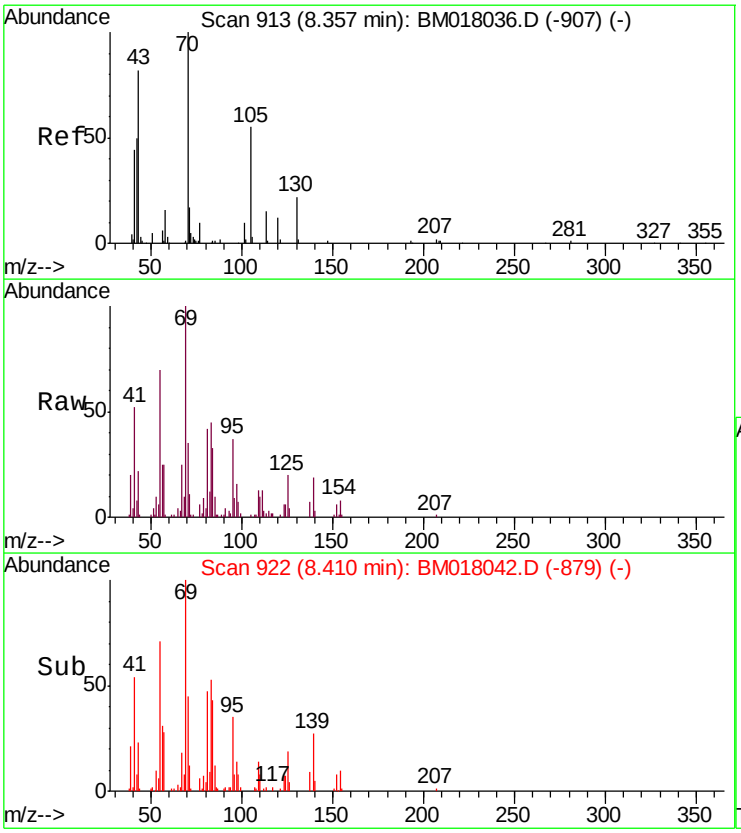
#6
Phenol
Concen: 3.257 ng/ul
RT: 6.77 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion: 94 Resp: 67759

Ion	Ratio	Lower	Upper
94	100		
65	25.4	24.7	37.1
66	38.8	34.6	51.8

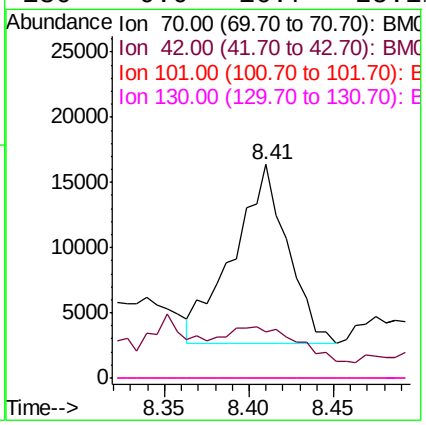


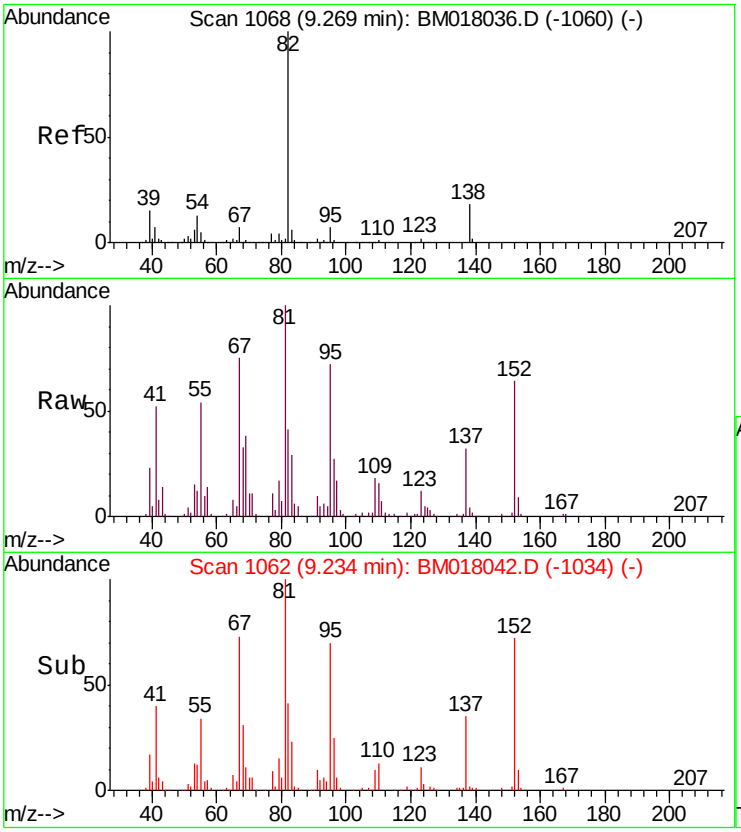


#15
N-Nitroso-di-n-propylamine
Concen: 2.208 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. 0.05 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion: 70 Resp: 30566

Ion	Ratio	Lower	Upper
70	100		
42	21.6	42.7	64.1#
101	0.0	7.6	11.4#
130	0.0	16.7	25.1#



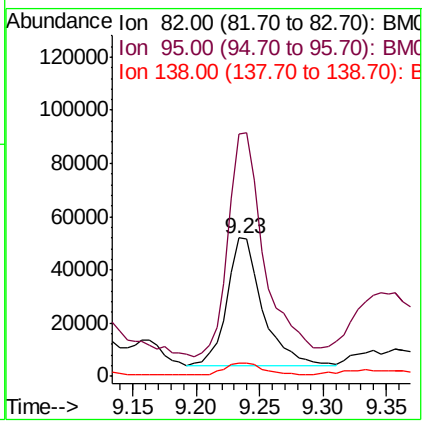


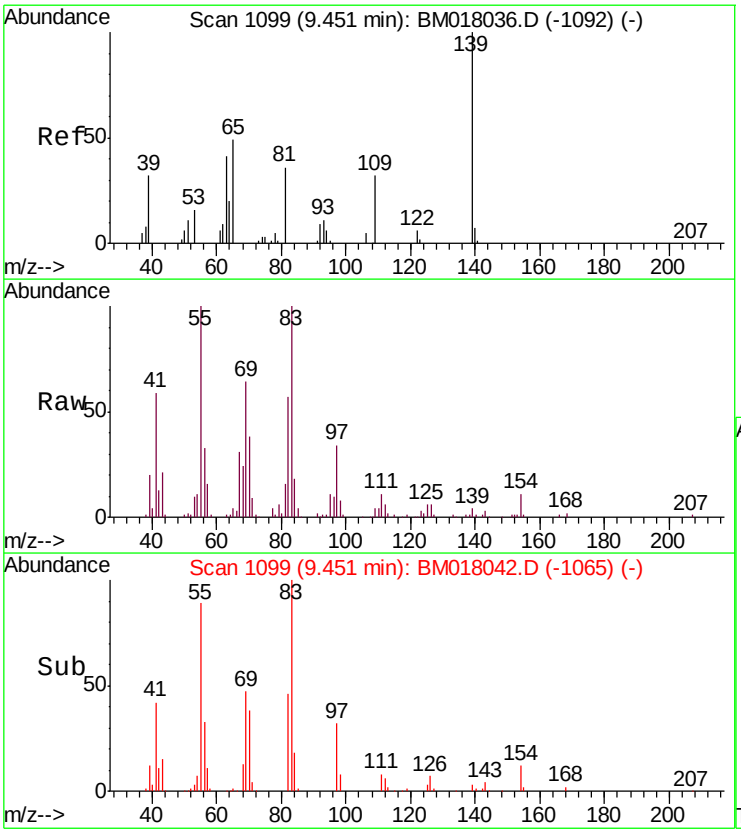
#21
Isophorone
Concen: 2.738 ng/ul
RT: 9.23 min Scan# 1062
Delta R.T. -0.04 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion: 82 Resp: 94738

Ion	Ratio	Lower	Upper
82	100		
95	174.7	6.1	9.1#
138	9.2	14.2	21.2#

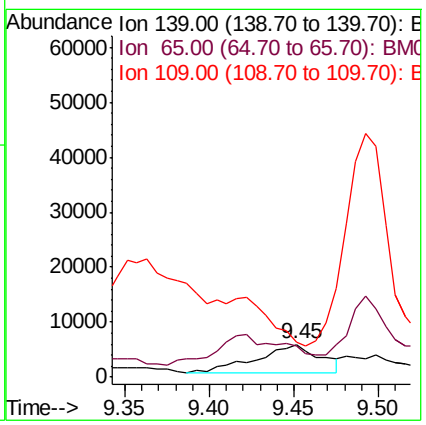


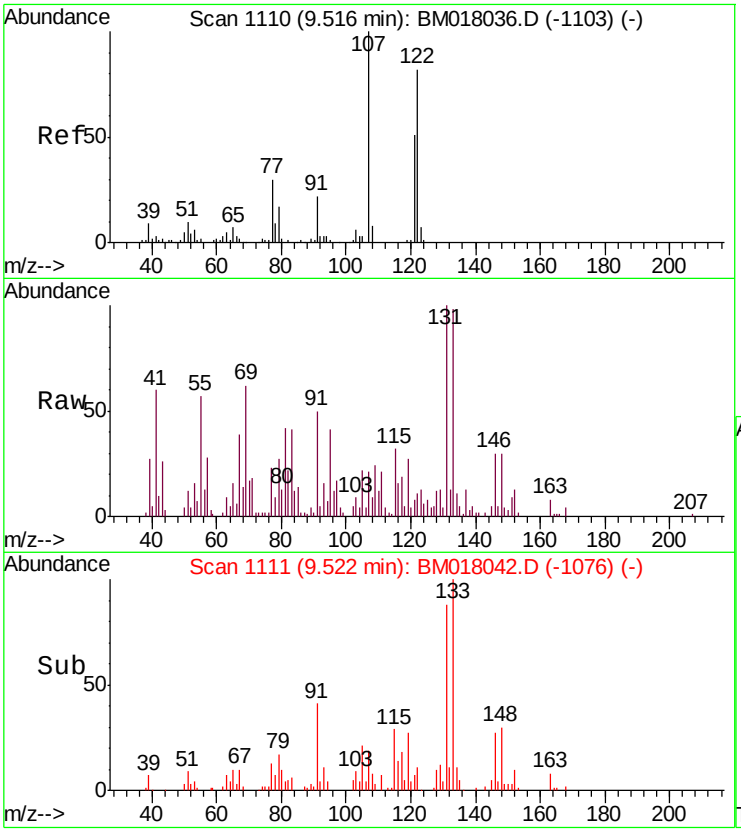


#23
2-Nitrophenol
Concen: 1.460 ng/ul
RT: 9.45 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:139 Resp: 12896

Ion	Ratio	Lower	Upper
139	100		
65	94.5	44.2	66.4#
109	107.2	26.4	39.6#



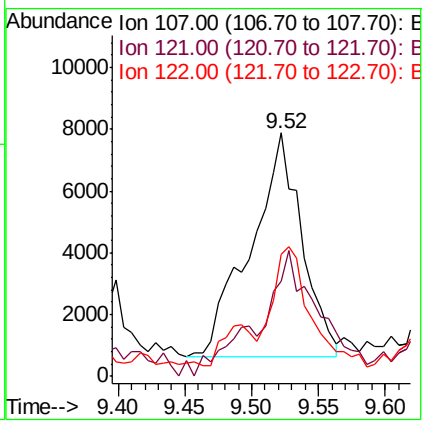


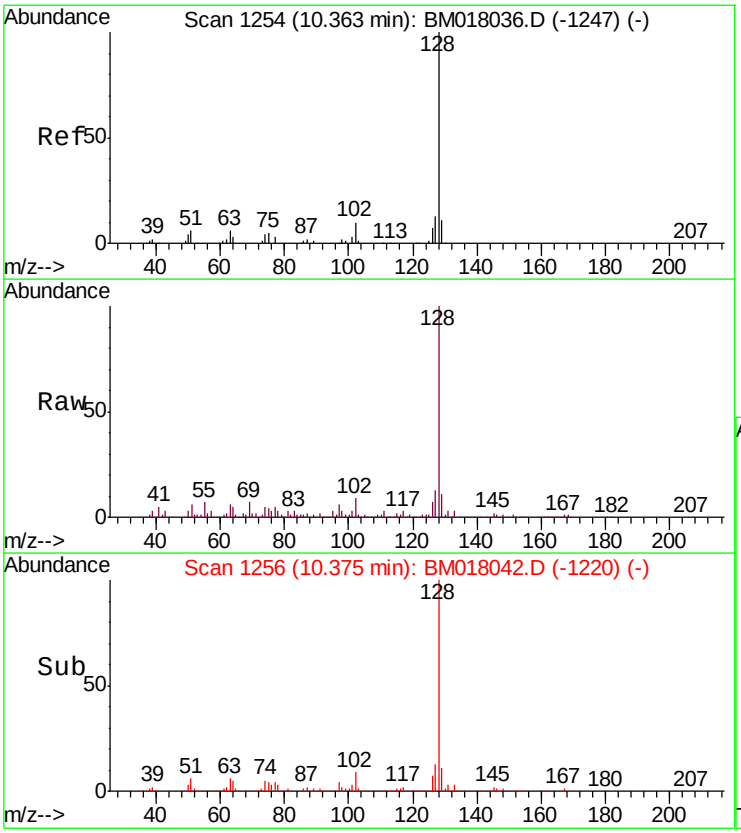
#24
2,4-Dimethylphenol
Concen: 1.043 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:107 Resp: 19250

Ion	Ratio	Lower	Upper
107	100		
121	39.1	39.6	59.4#
122	50.0	68.1	102.1#

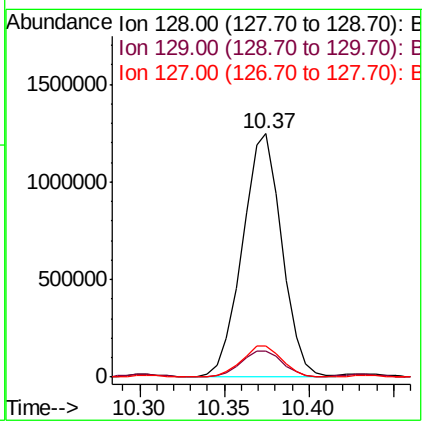


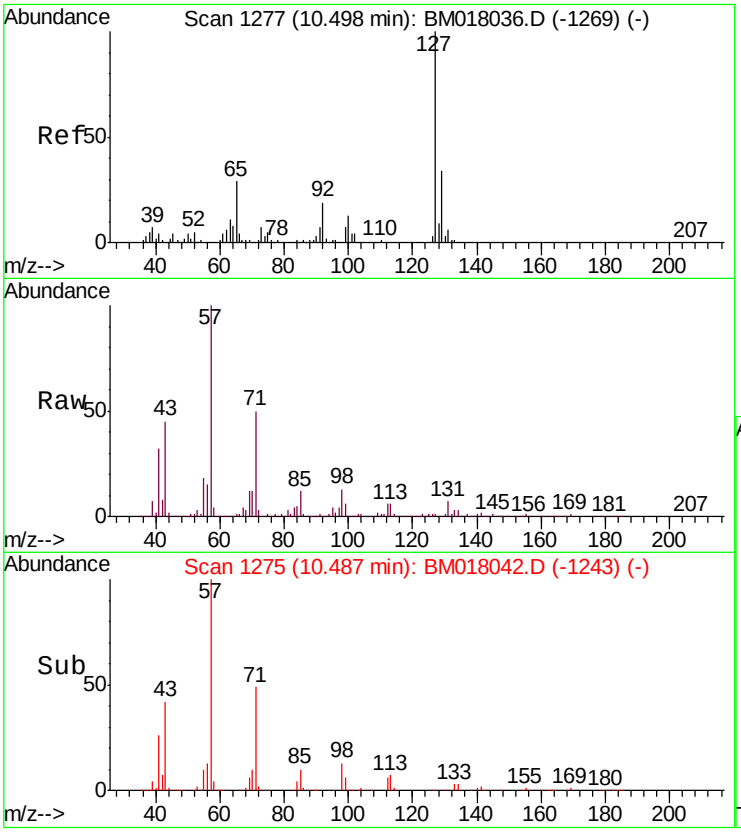


#28
Naphthalene
Concen: 40.260 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:128 Resp: 2023432

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.8	10.8	16.2



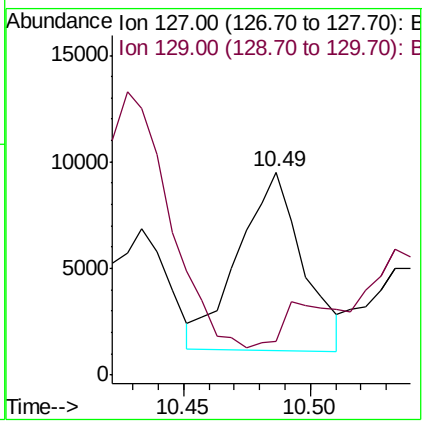


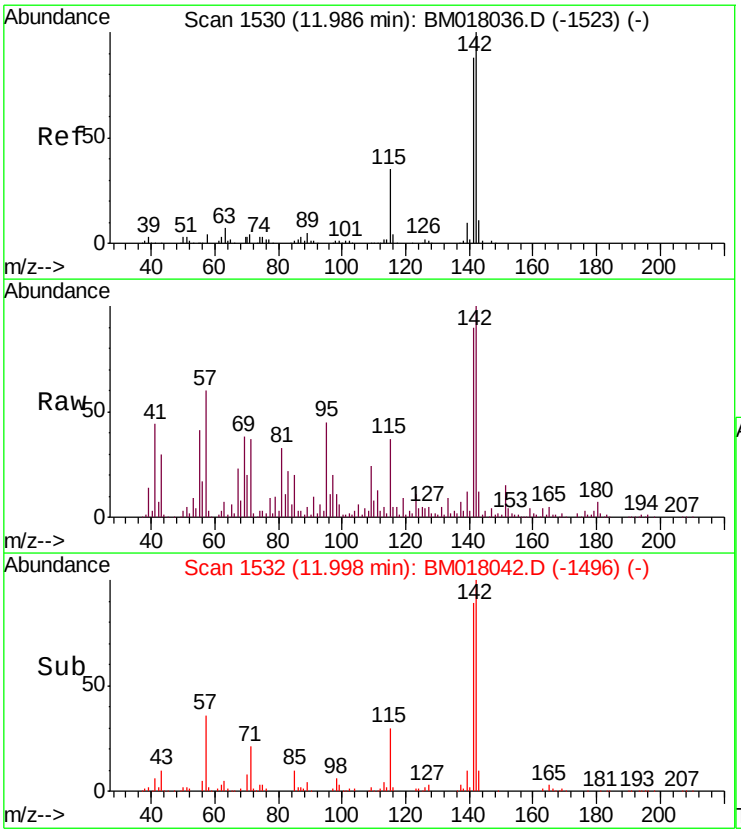
#30
4-Chloroaniline
Concen: 1.046 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:127 Resp: 14799

Ion	Ratio	Lower	Upper
127	100		
129	16.6	24.6	37.0#

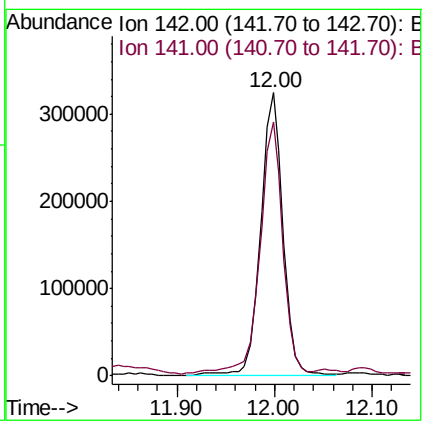


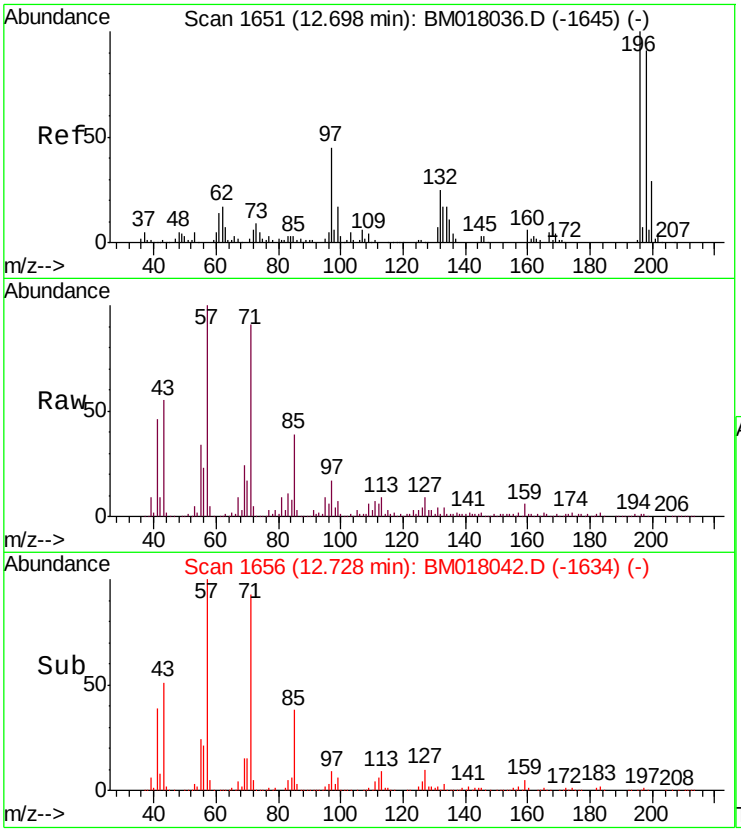


#34
2-Methylnaphthalene
Concen: 13.834 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:142 Resp: 519038

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8



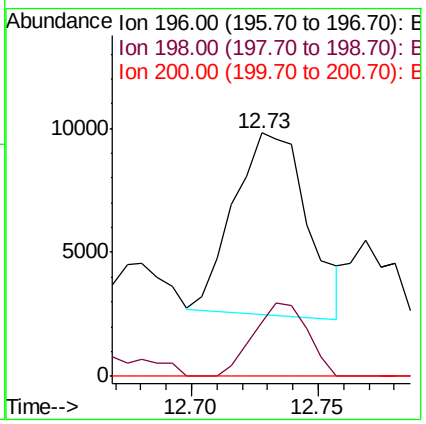


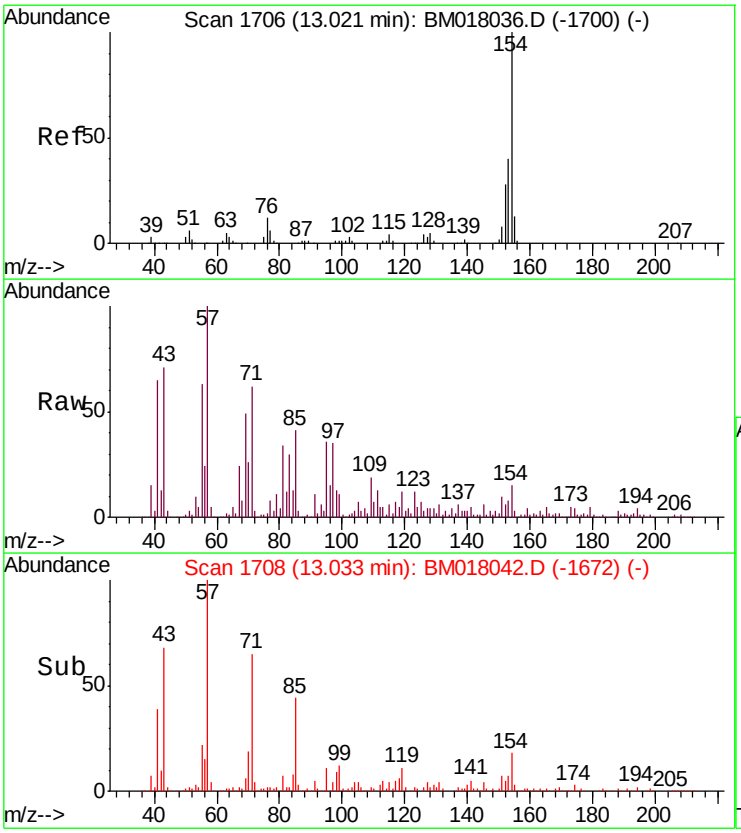
#39
2,4,5-Trichlorophenol
Concen: 1.128 ng/ul
RT: 12.73 min Scan# 1656
Delta R.T. 0.03 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:196 Resp: 14894

Ion	Ratio	Lower	Upper
196	100		
198	22.2	77.2	115.8#
200	0.0	25.8	38.8#

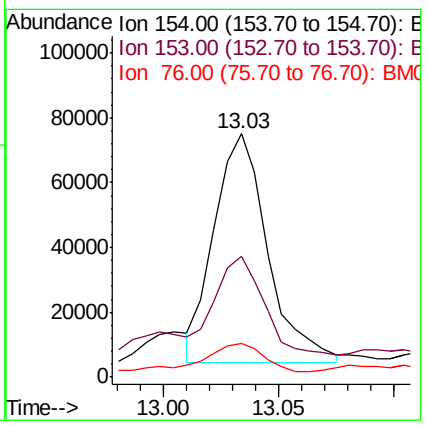


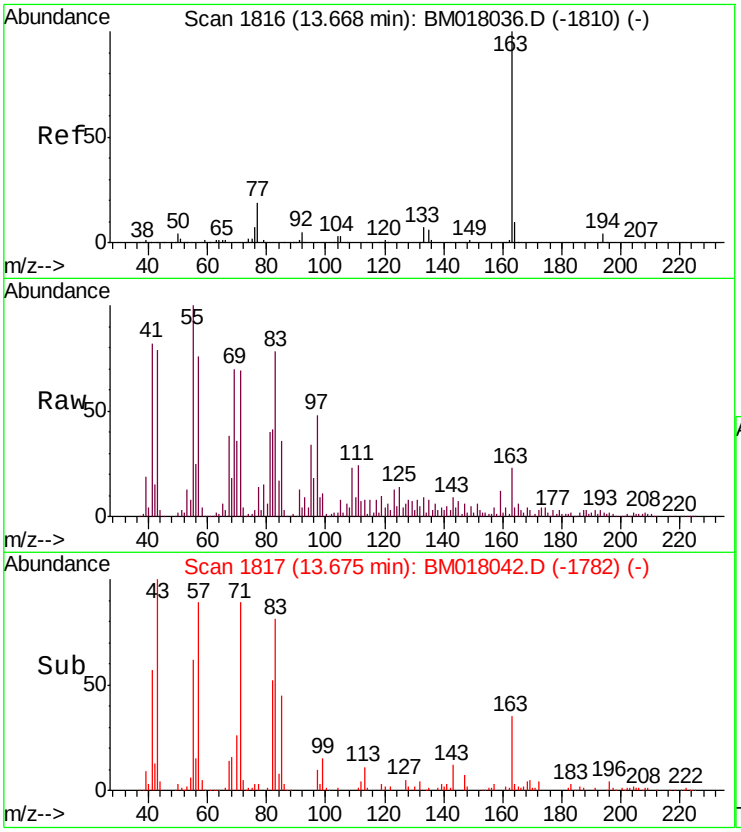


#40
1,1'-Biphenyl
Concen: 2.439 ng/ul
RT: 13.03 min Scan# 1708
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:154 Resp: 114340

Ion	Ratio	Lower	Upper
154	100		
153	49.6	32.5	48.7#
76	13.8	10.6	15.8



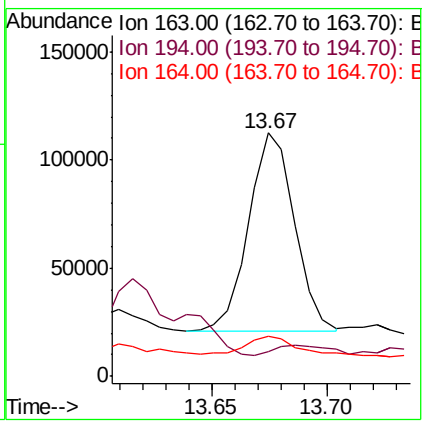


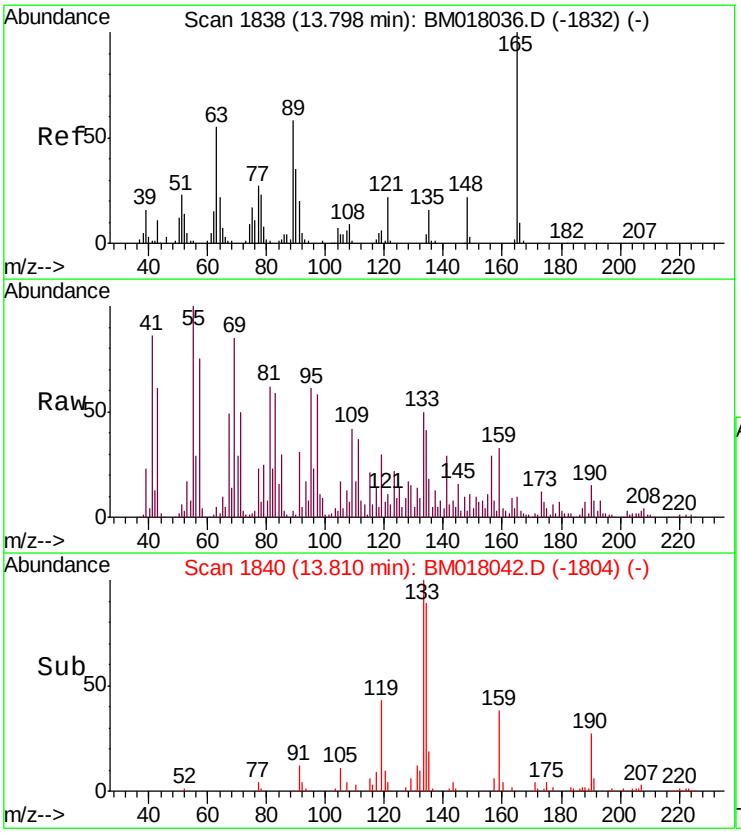
#44
Dimethylphthalate
Concen: 2.653 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:163 Resp: 126982

Ion	Ratio	Lower	Upper
163	100		
194	10.2	3.4	5.0#
164	16.3	8.1	12.1#

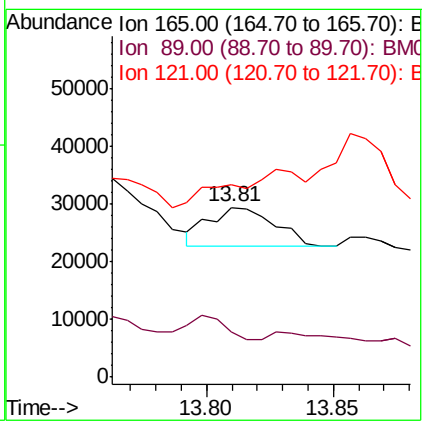


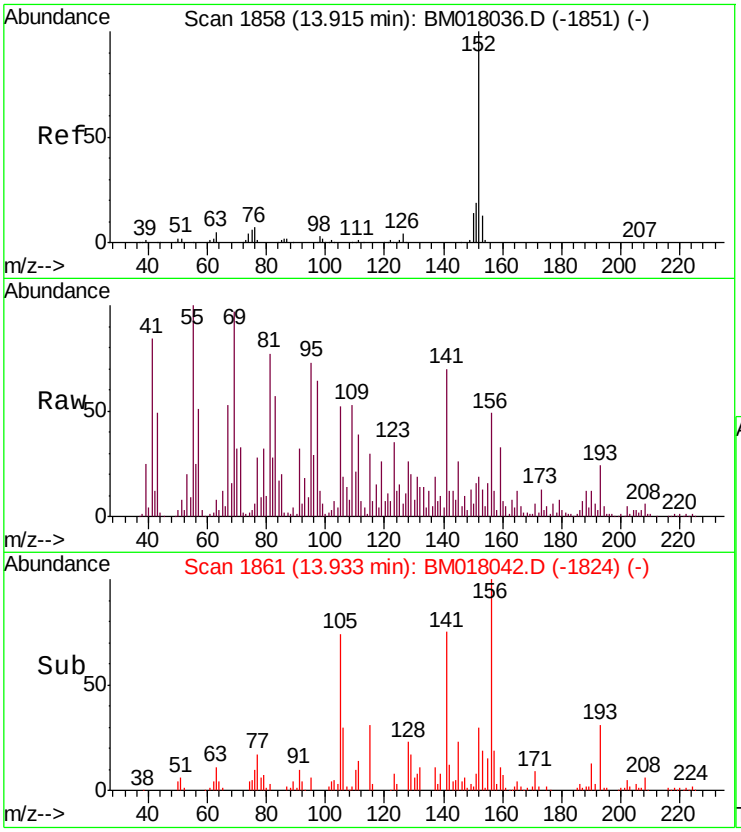


#45
2,6-Dinitrotoluene
Concen: 1.252 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:165 Resp: 11776

Ion	Ratio	Lower	Upper
165	100		
89	26.4	48.0	72.0#
121	113.0	17.0	25.6#



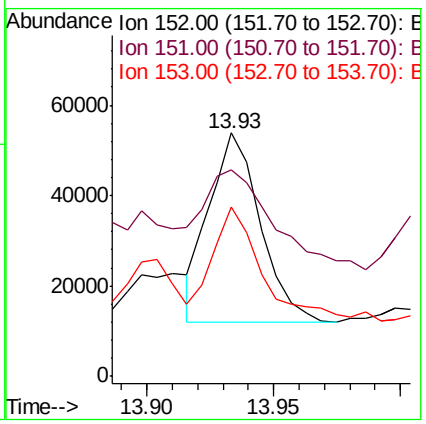


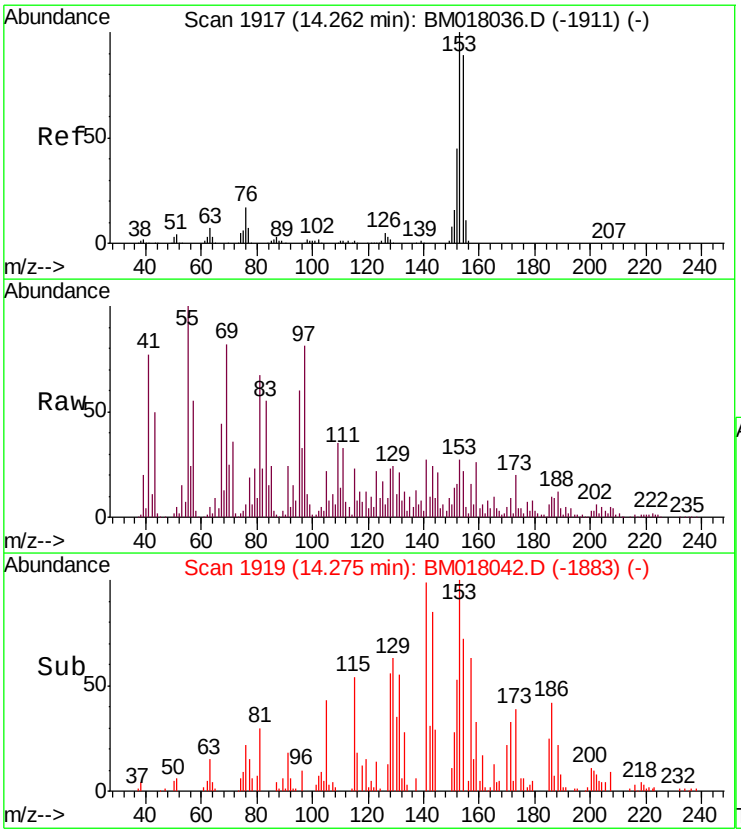
#47
Acenaphthylene
Concen: 1.042 ng/ul
RT: 13.93 min Scan# 1861
Delta R.T. 0.02 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:152 Resp: 58166

Ion	Ratio	Lower	Upper
152	100		
151	84.7	16.0	24.0#
153	69.7	10.4	15.6#

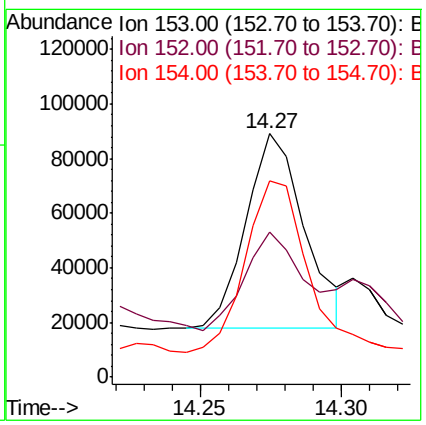


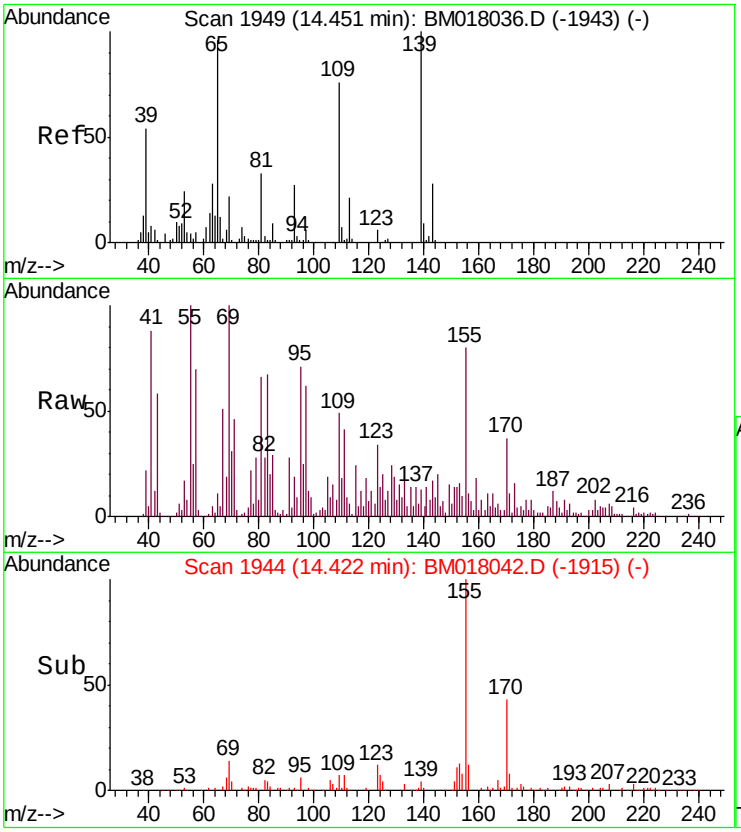


#49
Acenaphthene
Concen: 2.533 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:153 Resp: 101945

Ion	Ratio	Lower	Upper
153	100		
152	59.6	37.0	55.6#
154	80.7	70.6	106.0



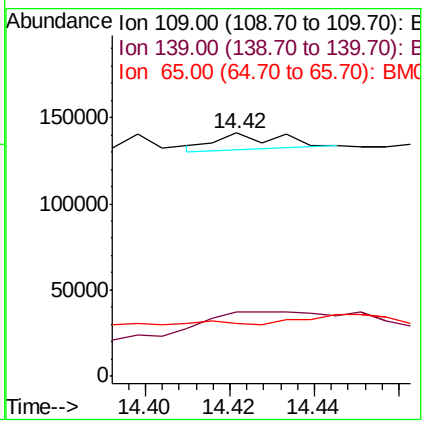


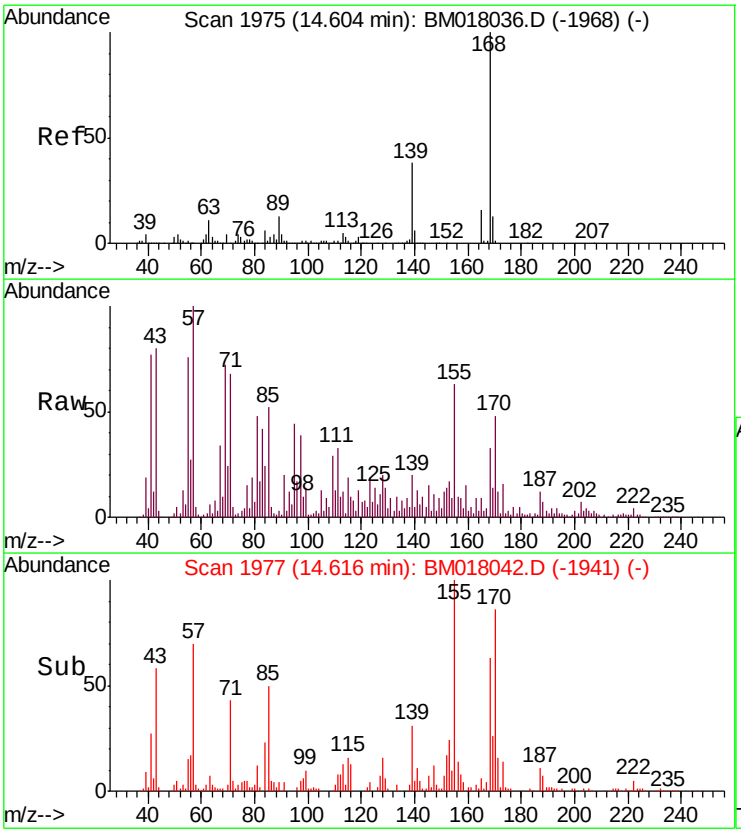
#52
4-Nitrophenol
Concen: 1.337 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.03 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:109 Resp: 9876

Ion	Ratio	Lower	Upper
109	100		
139	26.2	97.4	146.0#
65	21.6	104.5	156.7#

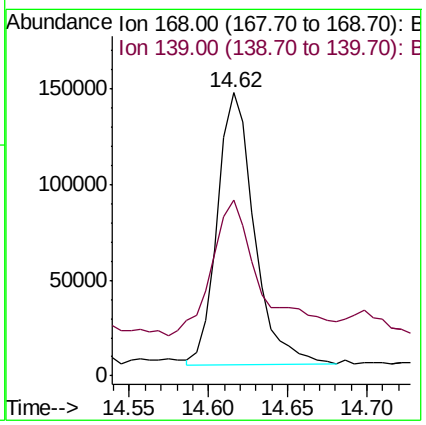


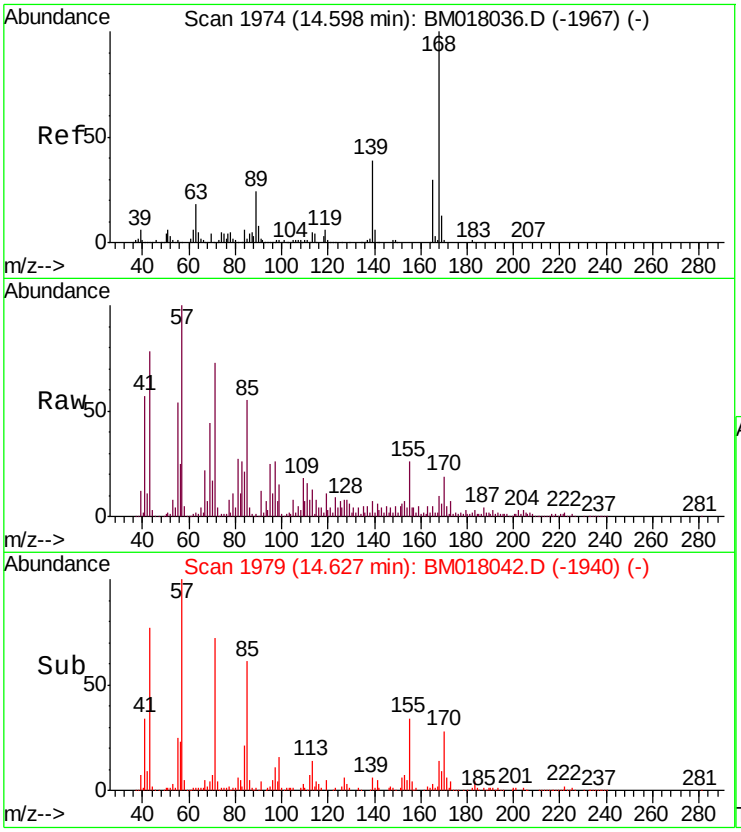


#53
Dibenzofuran
Concen: 4.026 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:168 Resp: 229265

Ion	Ratio	Lower	Upper
168	100		
139	62.2	30.6	46.0#



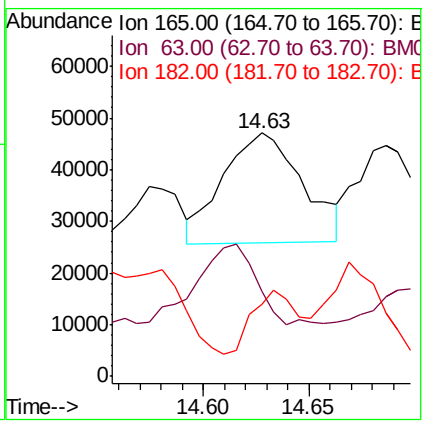


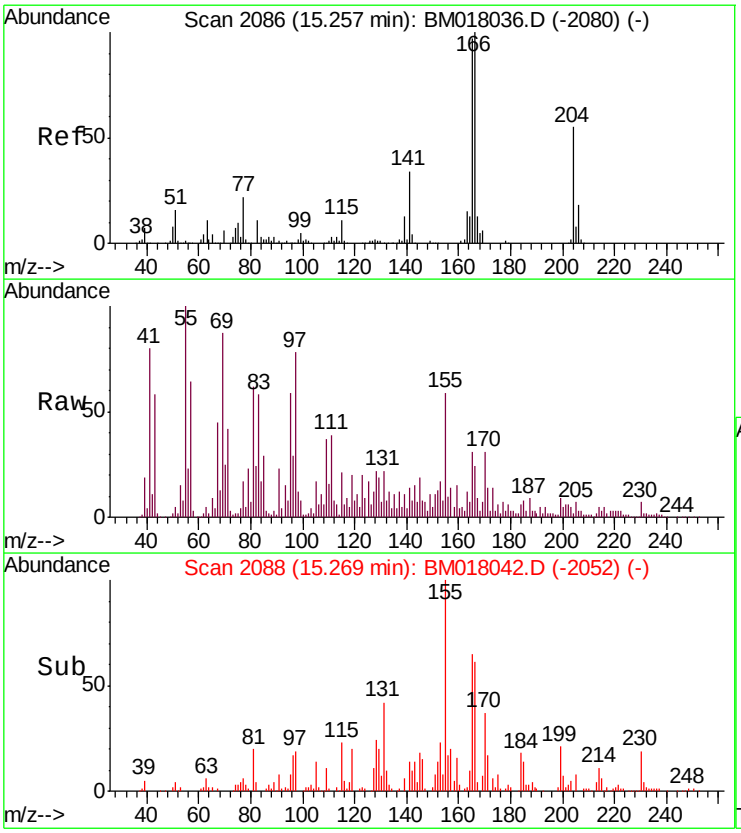
#54
2,4-Dinitrotoluene
Concen: 3.909 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.03 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:165 Resp: 55666

Ion	Ratio	Lower	Upper
165	100		
63	35.0	41.8	62.8#
182	29.7	2.2	3.2#

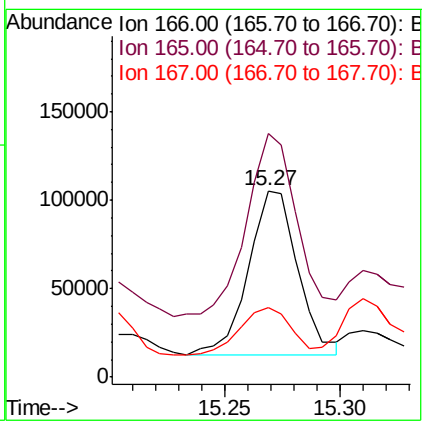


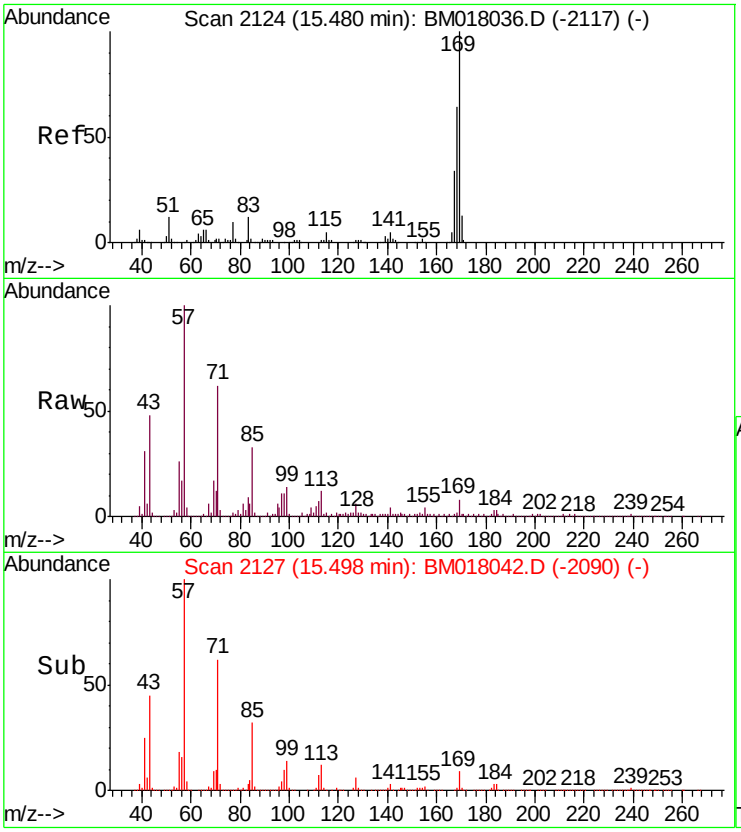


#58
Fluorene
Concen: 2.918 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:166 Resp: 138580

Ion	Ratio	Lower	Upper
166	100		
165	130.8	78.0	117.0#
167	37.2	10.8	16.2#



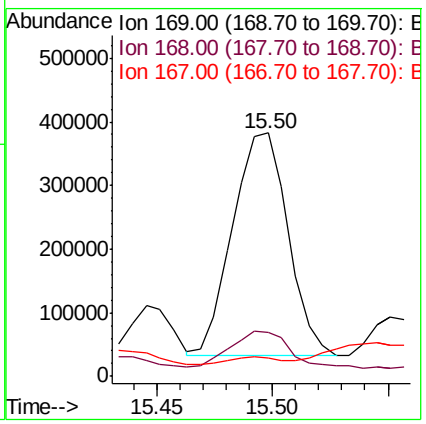


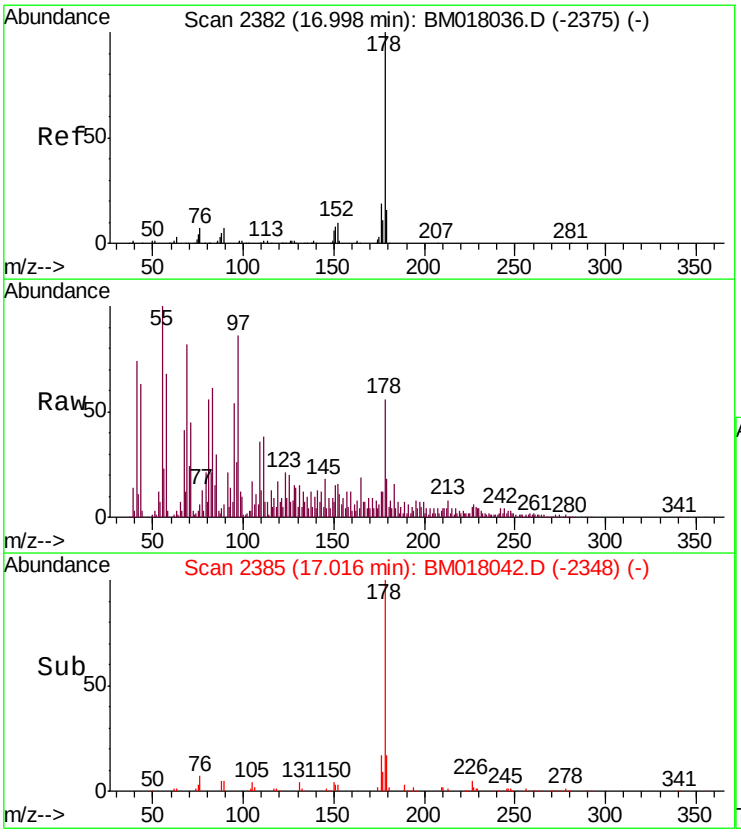
#64
N-Nitrosodiphenylamine
Concen: 17.834 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. 0.02 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:169 Resp: 583751

Ion	Ratio	Lower	Upper
169	100		
168	17.9	51.1	76.7#
167	7.4	27.8	41.8#

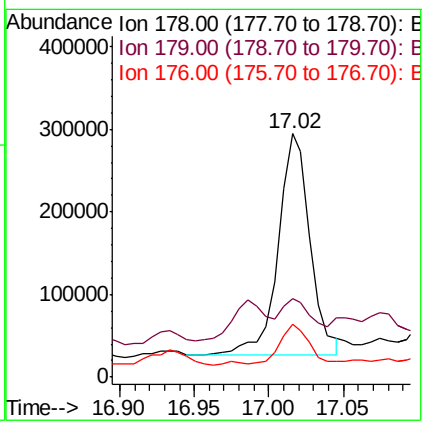


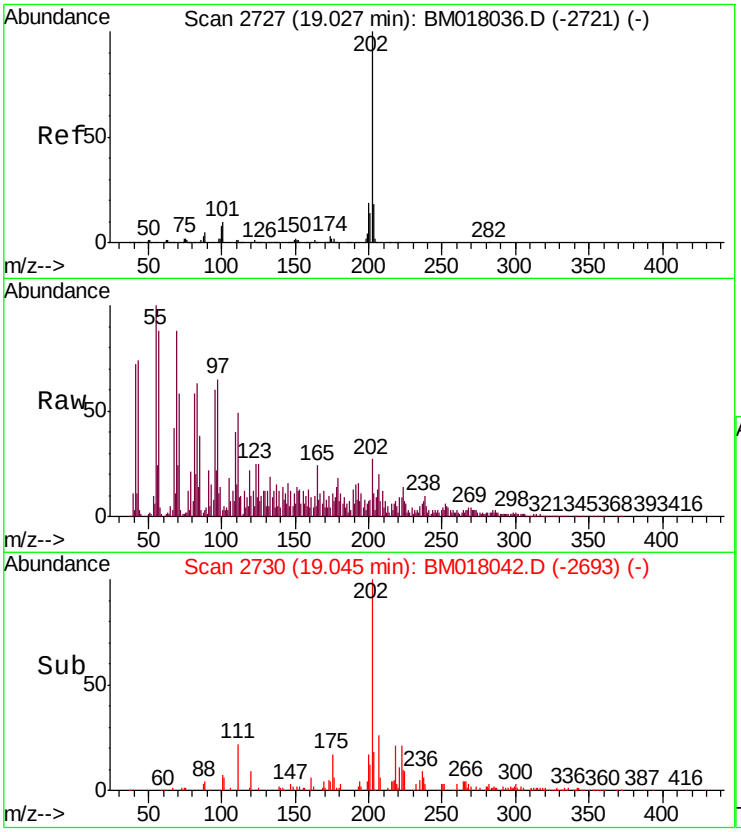


#69
Phenanthrene
Concen: 6.595 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. 0.02 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:178 Resp: 400947

Ion	Ratio	Lower	Upper
178	100		
179	32.5	11.8	17.8#
176	21.8	15.0	22.6



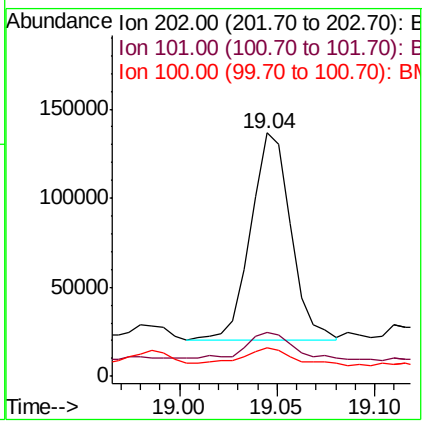


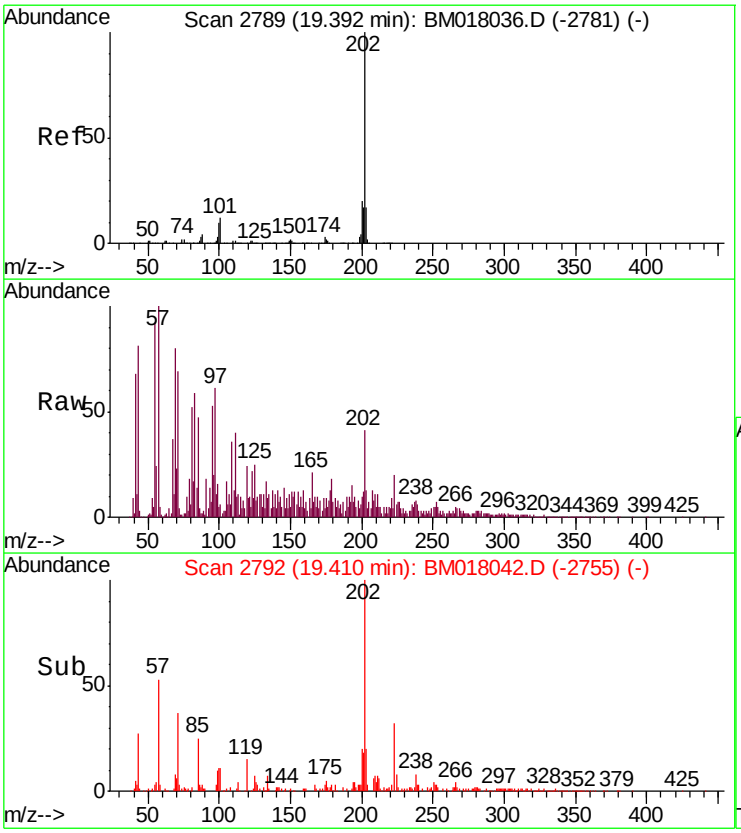
#76
Fluoranthene
Concen: 2.301 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. 0.02 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:202 Resp: 164533

Ion	Ratio	Lower	Upper
202	100		
101	18.2	8.4	12.6#
100	11.7	6.6	9.8#

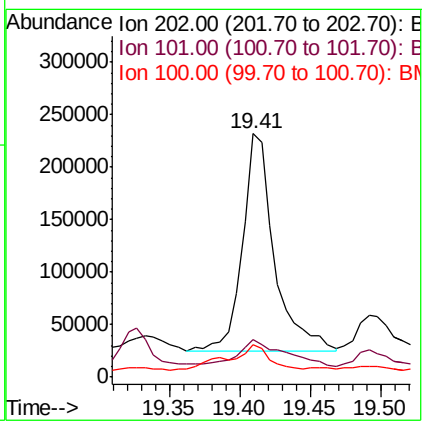


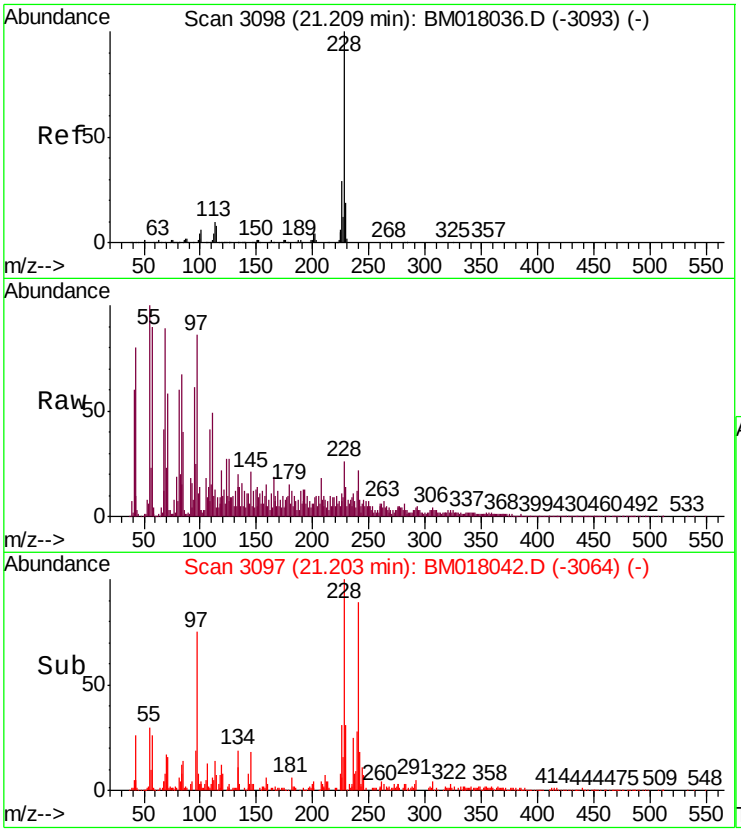


#79
Pyrene
Concen: 5.291 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.02 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Tgt Ion:202 Resp: 324711

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.6	14.4#
100	13.1	7.9	11.9#





#84
Chrysene
Concen: 4.338 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018042.D
Acq: 11 Dec 2018 01:56

Instrument :
BNA_M
ClientSampleId :
F9Y32

Tgt Ion:228 Resp: 254368

Ion	Ratio	Lower	Upper
228	100		
226	41.3	23.7	35.5#
229	53.6	15.8	23.8#