Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018410.D
Acq On : 27 Dec 2018 23:28
Operator : JU/SJ
Sample : J6572-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381204157-6

Quant Time: Dec 28 04:07:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	371678	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1692795	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1037095	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2408938	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2637302	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2738764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	114905	5.83	ng	0.00
7) Phenol-d6	6.93	99	139692	5.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	300584	10.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	322816	24.50	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1069550	13.97	ng	0.00
79) Terphenyl-d14	19.80	244	3646038	29.46	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	530	0.066	ng	# 33
3) Pyridine	3.69	79	116	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.60	42	543	0.060	ng	# 1
6) Aniline	7.12	93	169	0.005	ng	# 43
9) Benzaldehyde	6.93	77	1648	0.086	ng	# 55
10) Phenol	6.97	94	379	0.013	ng	# 1
15) Benzyl Alcohol	8.02	79	645	0.030	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	8.32	45	749	0.021	ng	69
22) Acetophenone	8.60	105	1053	0.025	ng	# 24
24) Nitrobenzene	8.97	77	490	0.017	ng	# 38
25) Isophorone	9.51	82	143	0.003	ng	# 64
27) 2,4-Dimethylphenol	9.78	122	151	0.007	ng	# 3
31) Naphthalene	10.62	128	328	0.004	ng	# 69
38) 1-Methylnaphthalene	12.42	142	130	0.002	ng	# 1
46) 1,1'-Biphenyl	13.26	154	3007	0.034	ng	80
49) Acenaphthylene	14.15	152	256	0.002	ng	# 61
50) Dimethylphthalate	13.89	163	848	0.010	ng	# 78
51) 2,6-Dinitrotoluene	13.95	165	968	0.053	ng	# 23
52) Acenaphthene	14.42	154	4142	0.066	ng	# 4
58) Fluorene	15.46	166	1066	0.013	ng	# 9
60) Diethylphthalate	15.25	149	7538	0.083	ng	# 96
63) Azobenzene	15.79	77	3318	0.040	ng	# 1
66) n-Nitrosodiphenylamine	15.69	169	220	0.003	ng	# 24
71) Phenanthrene	17.22	178	1311	0.010	ng	# 61
72) Anthracene	17.31	178	513	0.004	ng	# 61
73) Carbazole	17.58	167	551	0.004	ng	# 59
74) Di-n-butylphthalate	18.14	149	12491	0.082	ng	# 91
75) Fluoranthene	19.23	202	1690	0.011	ng	76
77) Benzidine	19.43	184	565	0.007	ng	# 67
78) Pyrene	19.60	202	1896	0.012	ng	# 55
80) Butylbenzylphthalate	20.50	149	1768	6.656	ng	# 52
81) Benzo(a)anthracene	21.37	228	8082	0.052	ng	# 62
82) 3,3'-Dichlorobenzidine	21.28	252	487	0.008	ng	# 26
83) Chrysene	21.40	228	747	0.005	ng	# 49

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018410.D
Acq On : 27 Dec 2018 23:28
Operator : JU/SJ
Sample : J6572-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381204157-6

Quant Time: Dec 28 04:07:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.28	149	8443	0.082	ng	#	80
85) Di-n-octyl phthalate	22.18	149	606	0.004	ng	#	1
88) Benzo(b)fluoranthene	22.95	252	541	0.004	ng	#	1
89) Benzo(k)fluoranthene	23.03	252	277	0.002	ng	#	1
90) Benzo(a)pyrene	23.54	252	1555	0.011	ng	#	1

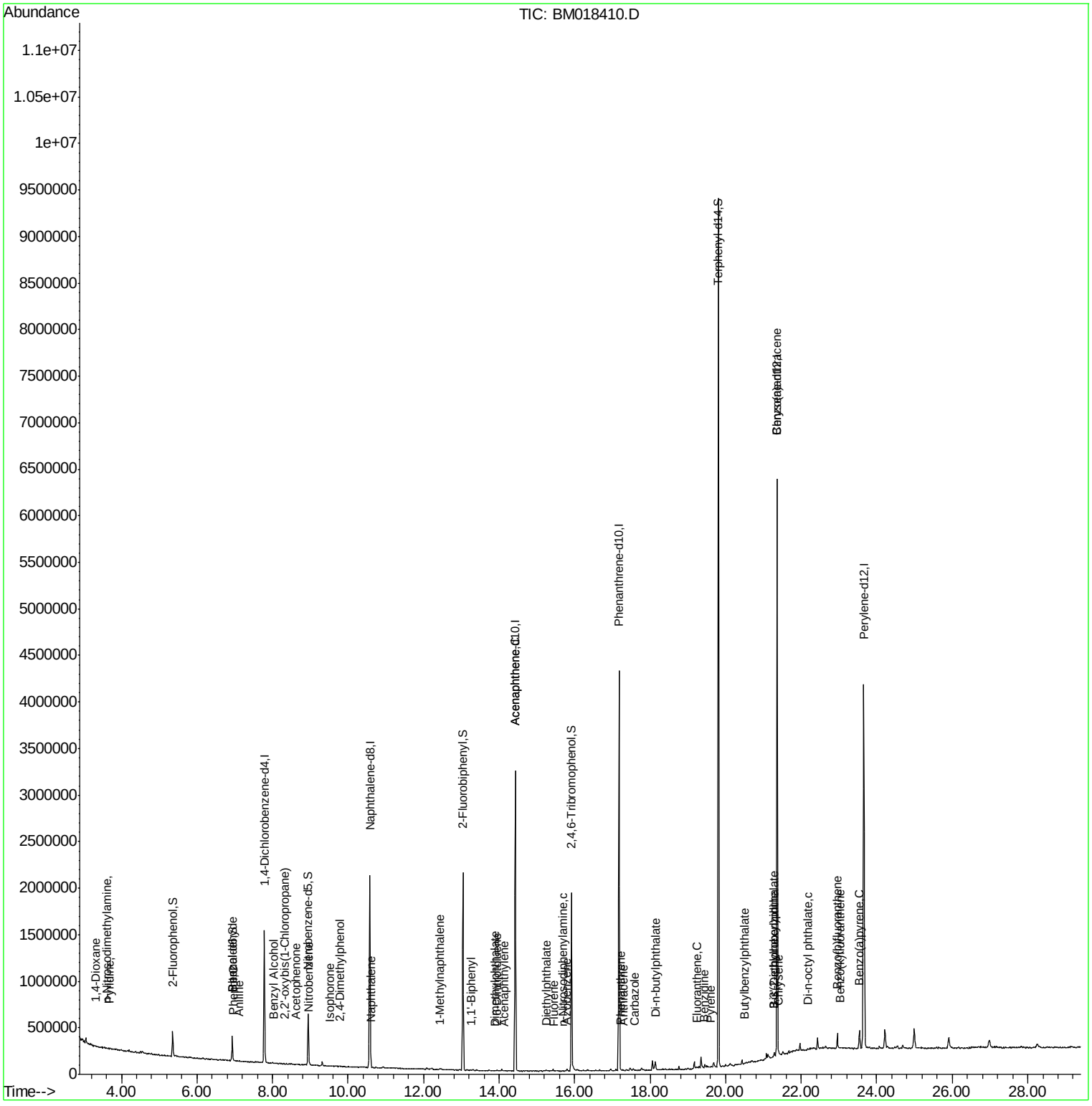
(#) = qualifier out of range (m) = manual integration (+) = signals summed

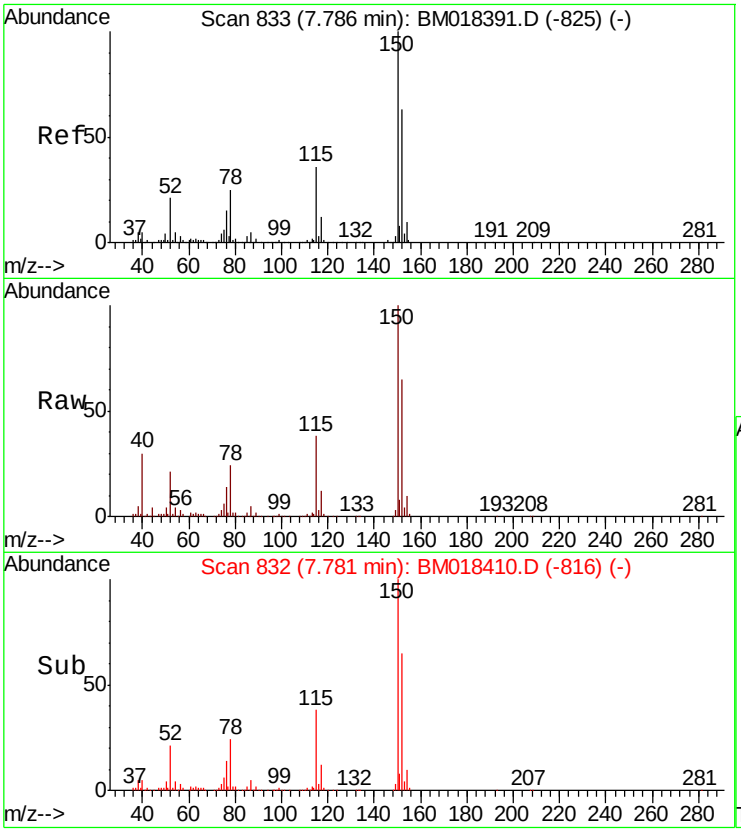
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018410.D
Acq On : 27 Dec 2018 23:28
Operator : JU/SJ
Sample : J6572-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
381204157-6

Quant Time: Dec 28 04:07:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration



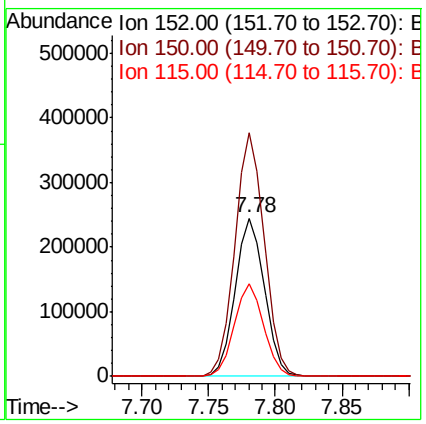


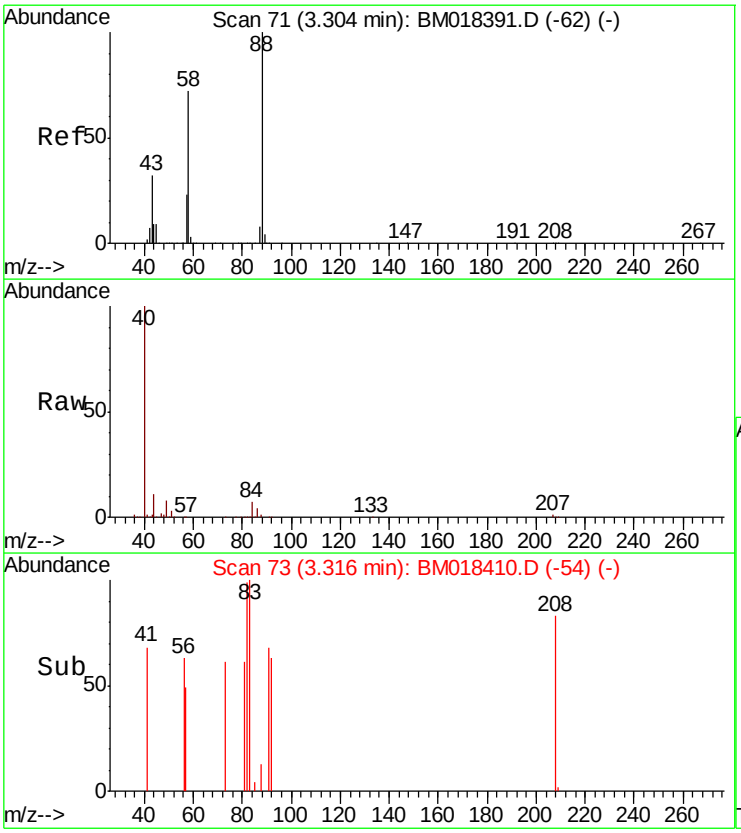
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:152 Resp: 371678

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.6	45.5	68.3

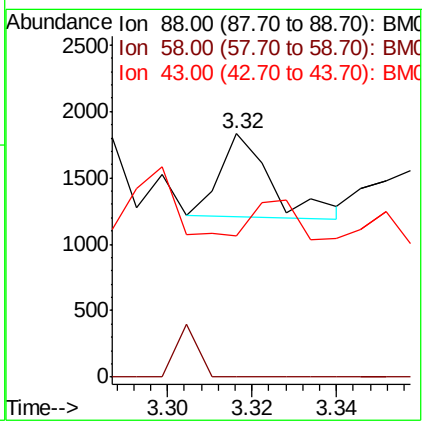


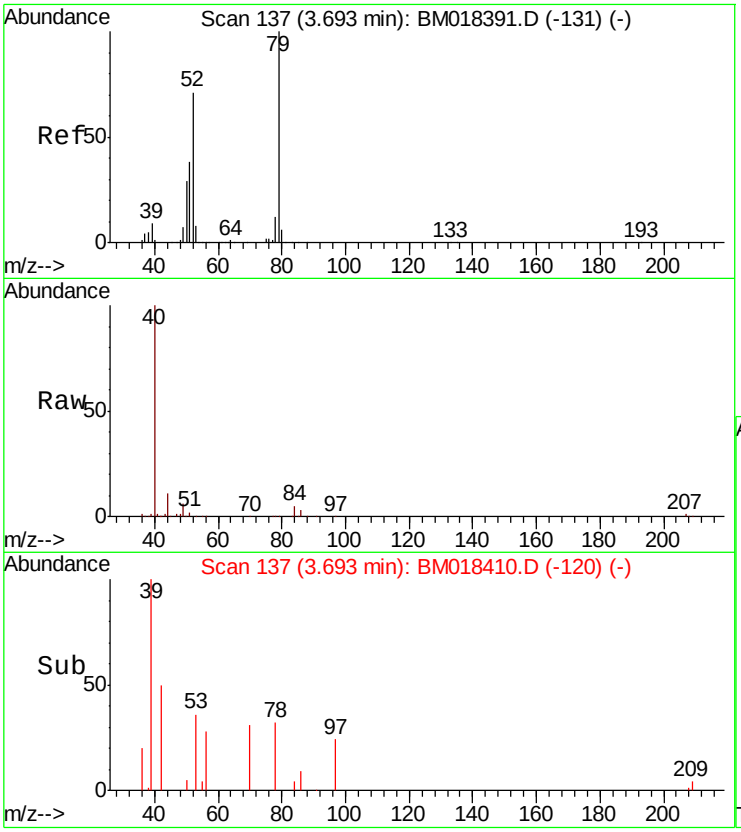


#2
1,4-Dioxane
Concen: 0.066 ng
RT: 3.32 min Scan# 73
Delta R.T. 0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 88 Resp: 530

Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.4	87.6#
43	46.2	26.2	39.4#



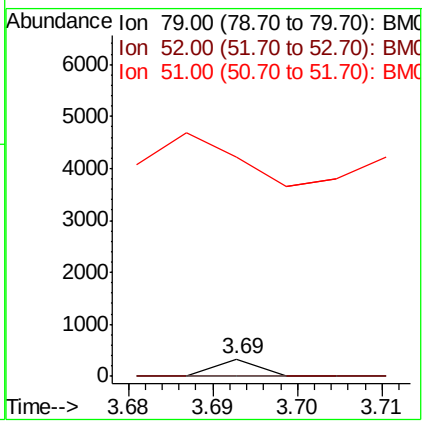


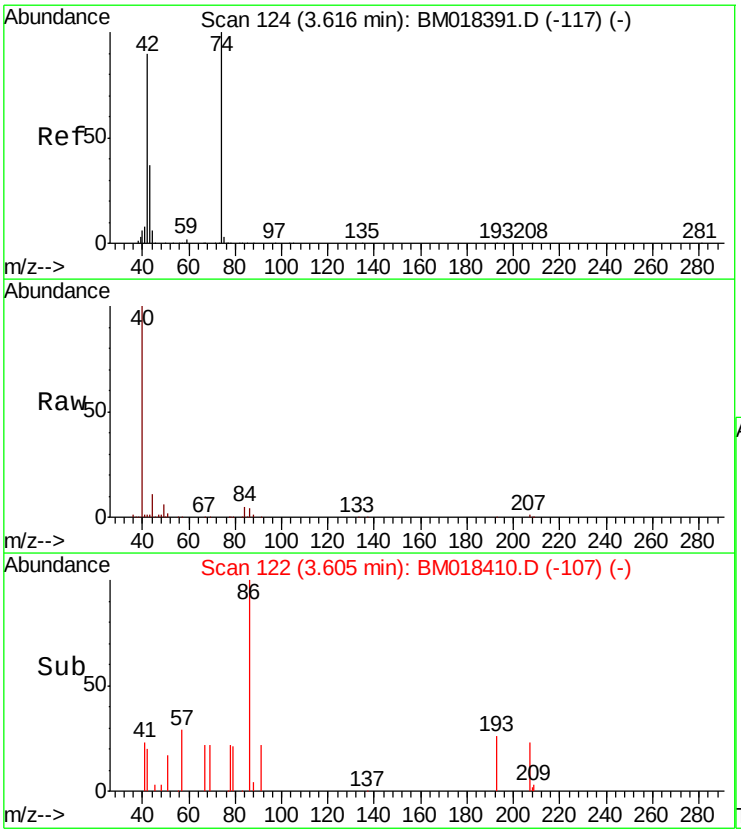
#3
Pyridine
Concen: 0.005 ng
RT: 3.69 min Scan# 137
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion: 79 Resp: 116

Ion	Ratio	Lower	Upper
79	100		
52	0.0	56.4	84.6#
51	1279.6	31.0	46.4#

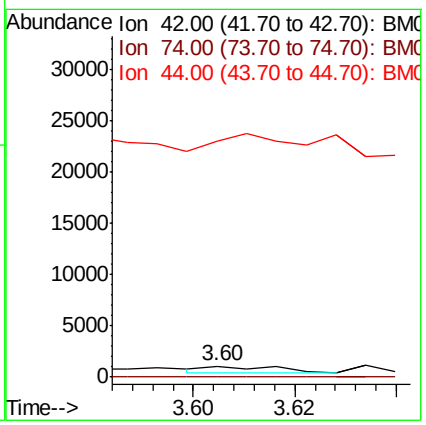


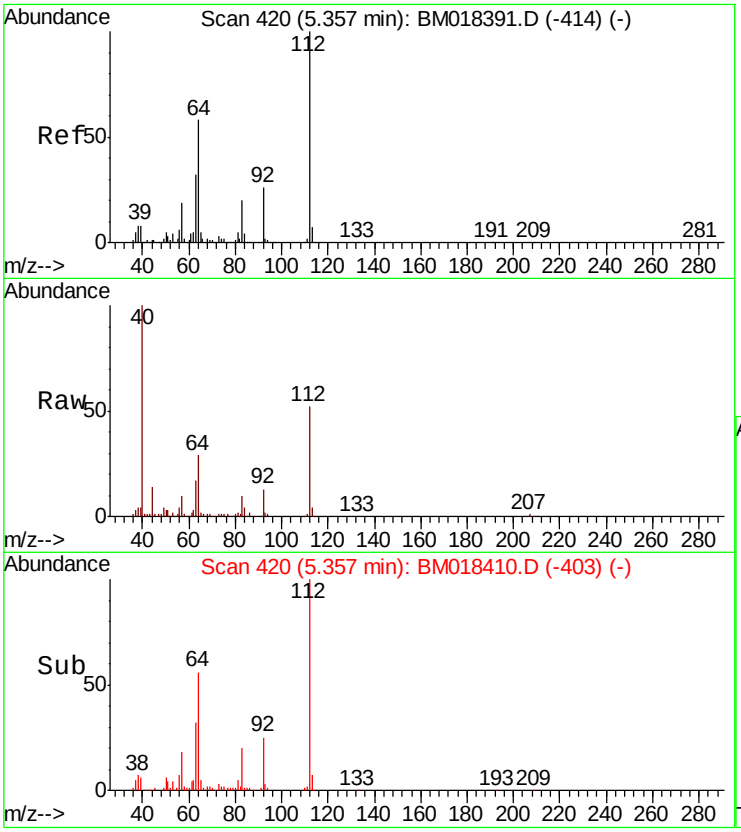


#4
n-Nitrosodimethylamine
Concen: 0.060 ng
RT: 3.60 min Scan# 122
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 42 Resp: 543

Ion	Ratio	Lower	Upper
42	100		
74	0.0	88.6	132.8#
44	2191.8	16.9	25.3#



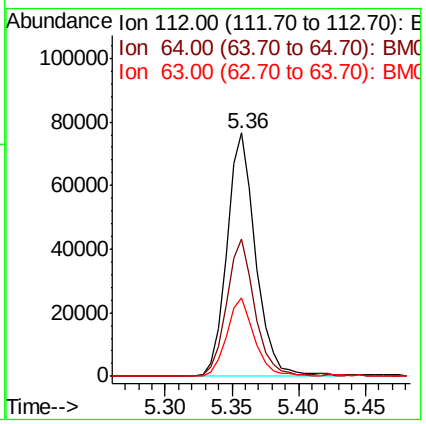


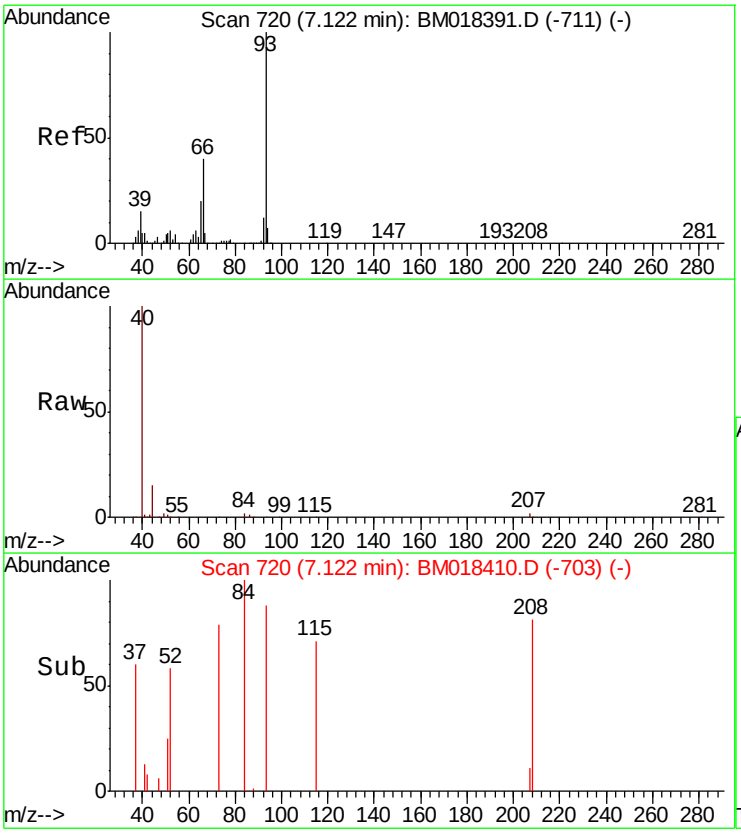
#5
2-Fluorophenol
Concen: 5.829 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:112 Resp: 114905

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.5	69.7
63	32.2	25.2	37.8

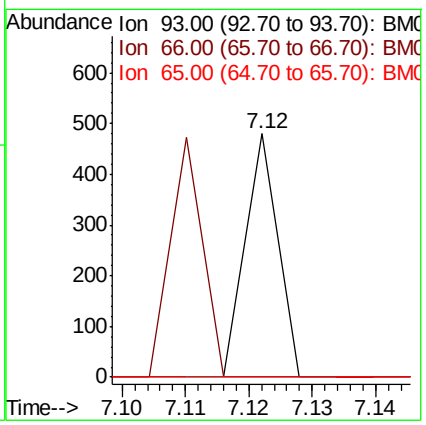


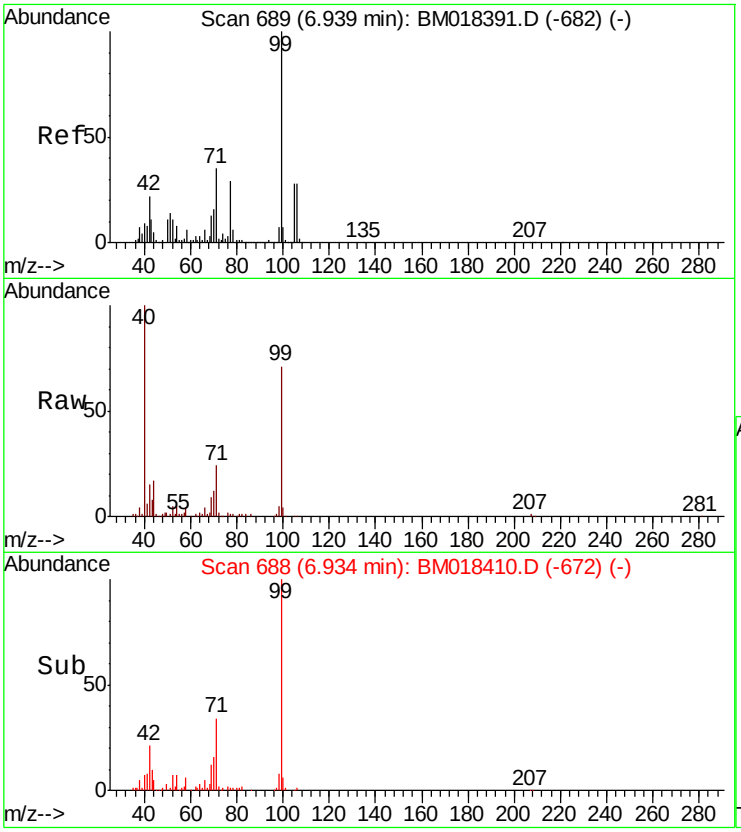


#6
Aniline
Concen: 0.005 ng
RT: 7.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 93 Resp: 169

Ion	Ratio	Lower	Upper
93	100		
66	0.0	31.7	47.5#
65	0.0	15.9	23.9#



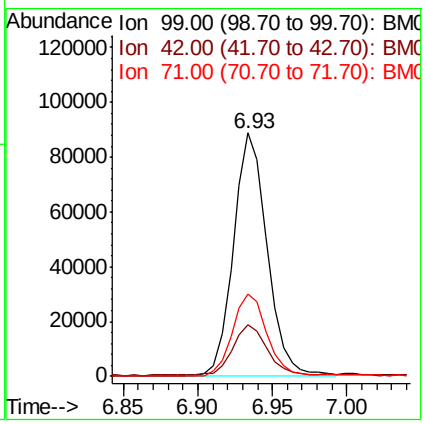


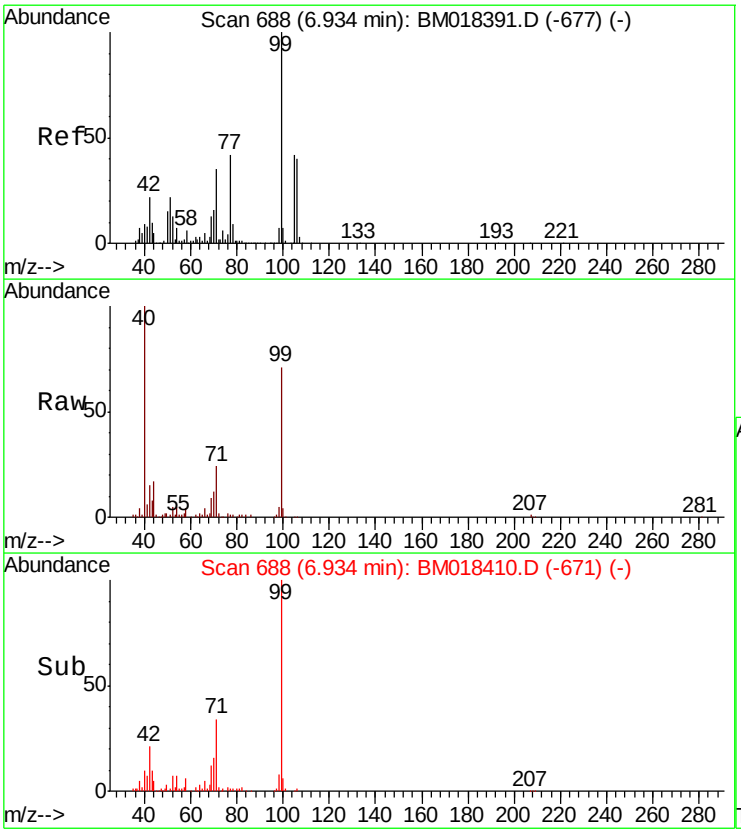
#7
Phenol-d6
Concen: 5.103 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion: 99 Resp: 139692

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.3	25.9
71	34.0	28.0	42.0

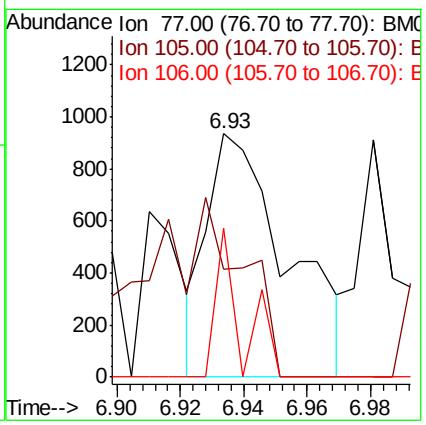


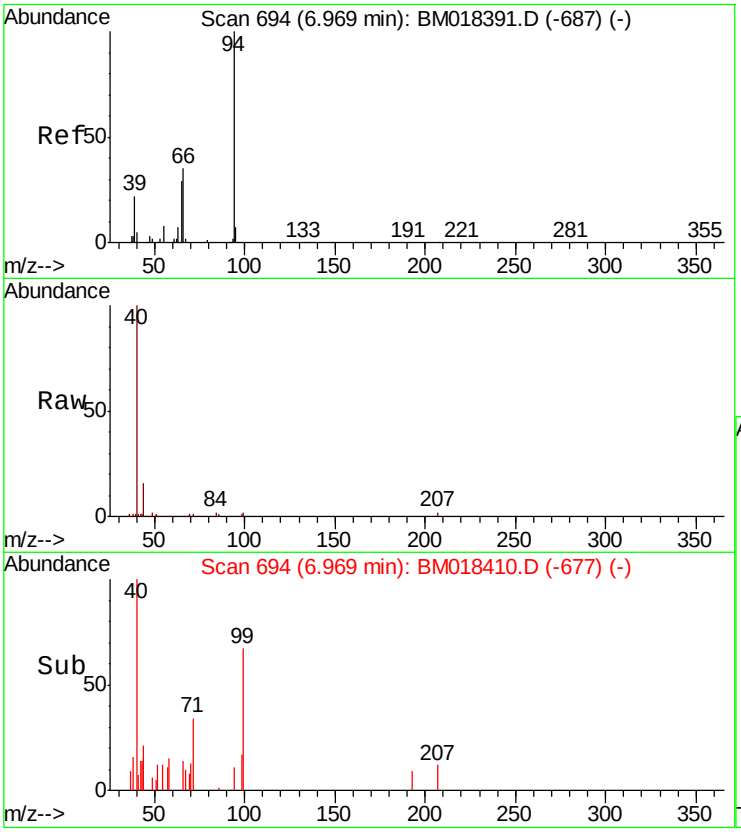


#9
Benzaldehyde
Concen: 0.086 ng
RT: 6.93 min Scan# 688
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 77 Resp: 1648

Ion	Ratio	Lower	Upper
77	100		
105	44.4	79.7	119.7#
106	61.0	75.2	115.2#



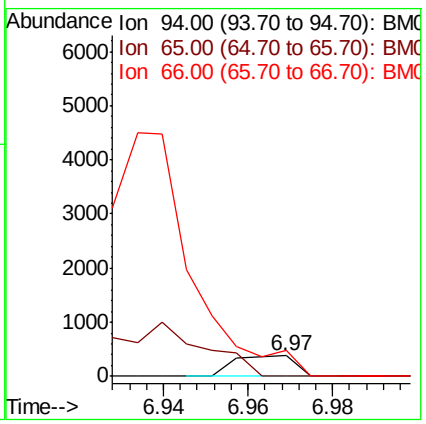


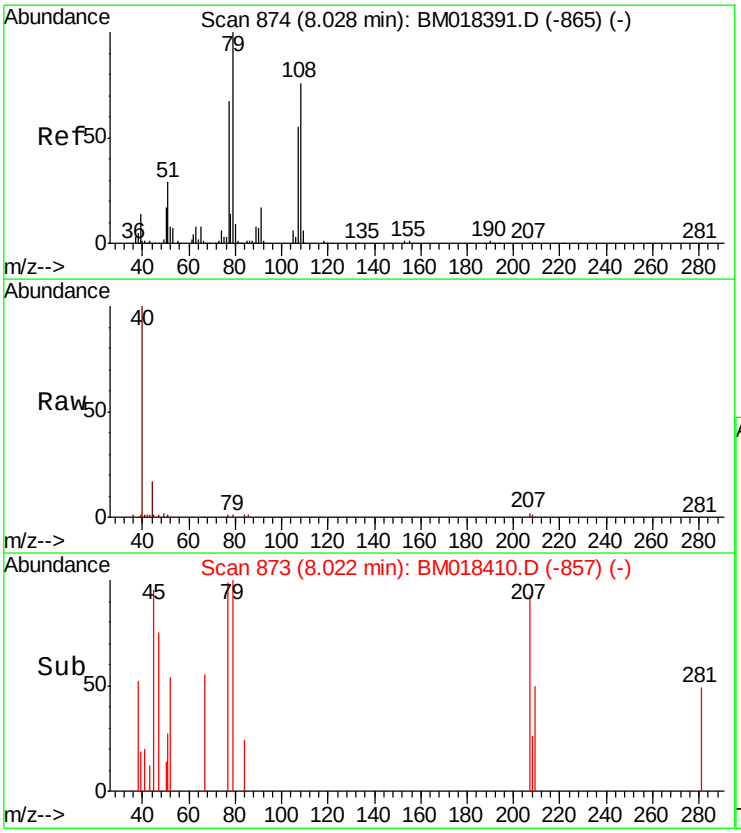
#10
Phenol
Concen: 0.013 ng
RT: 6.97 min Scan# 694
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion: 94 Resp: 379

Ion	Ratio	Lower	Upper
94	100		
65	0.0	9.4	49.4#
66	129.4	19.1	59.1#

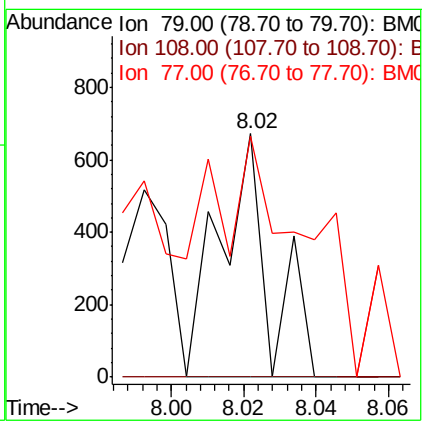


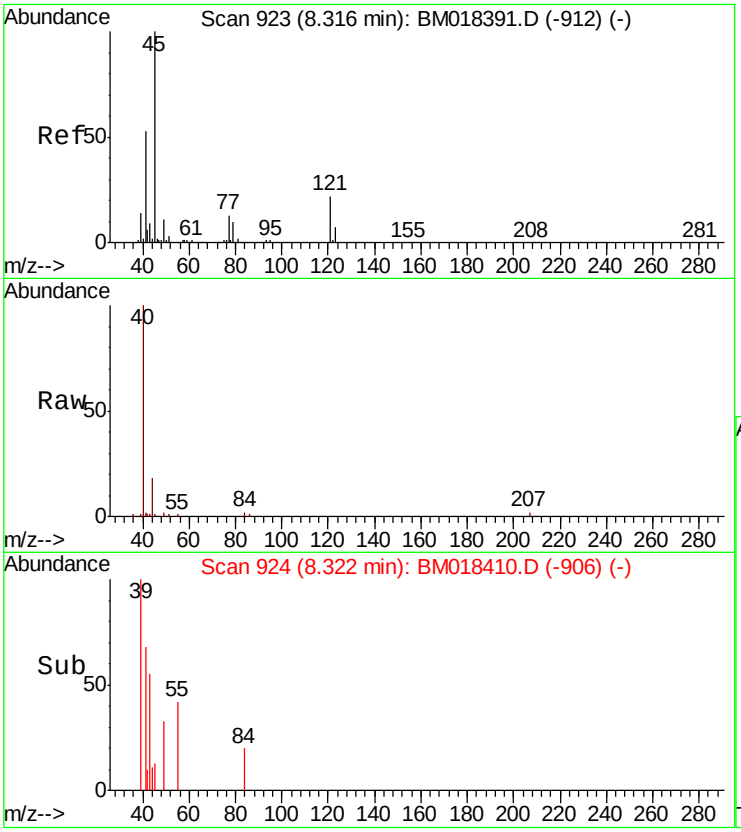


#15
Benzyl Alcohol
Concen: 0.030 ng
RT: 8.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 79 Resp: 645

Ion	Ratio	Lower	Upper
79	100		
108	0.0	60.4	90.6#
77	99.3	53.4	80.2#



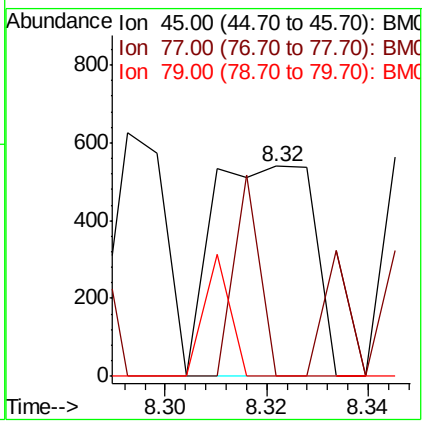


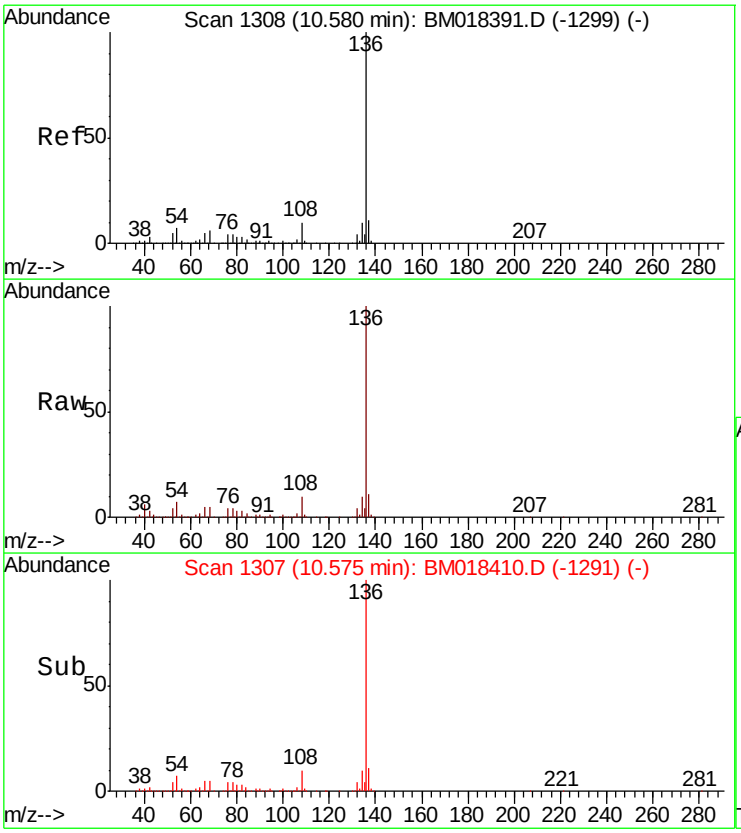
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.32 min Scan# 924
Delta R.T. 0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion: 45 Resp: 749

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.4
79	0.0	0.0	31.1

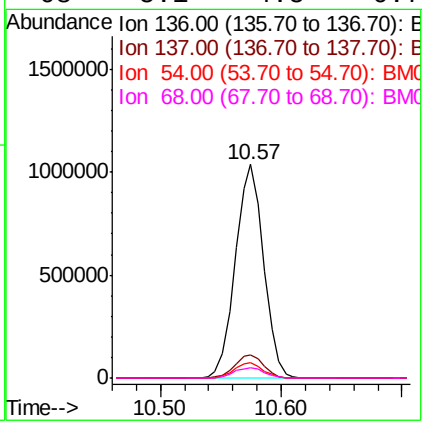


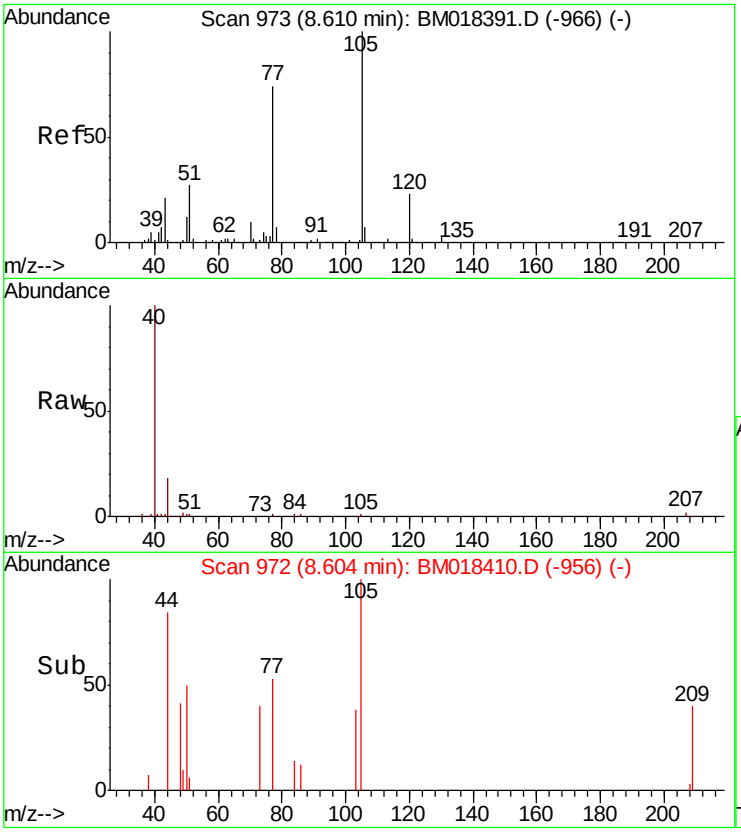


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:136 Resp: 1692795

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	6.0	9.0
68	5.1	4.5	6.7



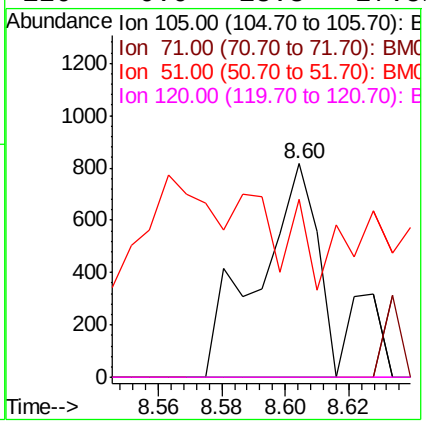


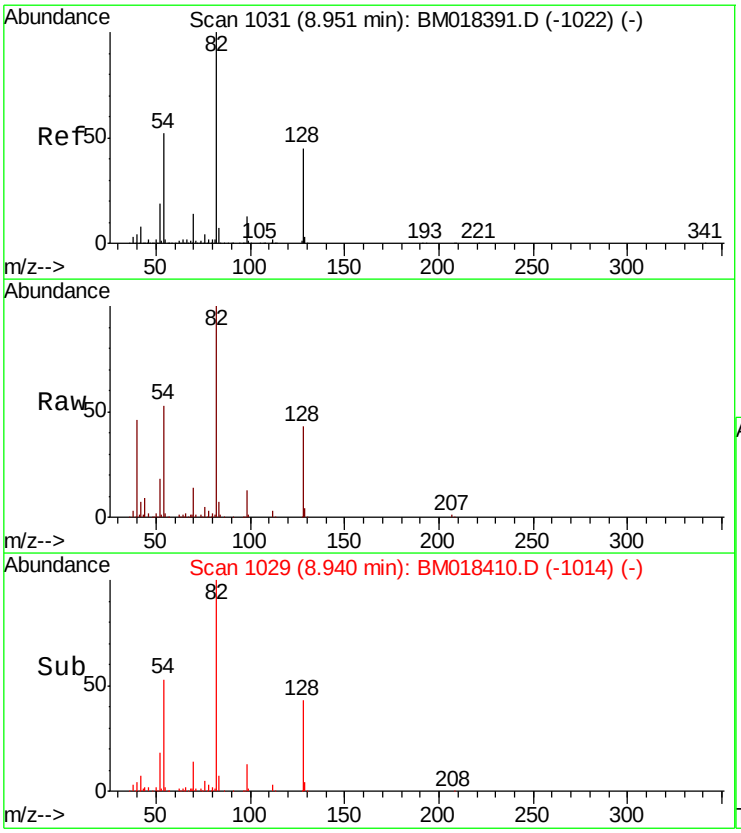
#22
Acetophenone
Concen: 0.025 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:105 Resp: 1053

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.7	2.5#
51	83.2	22.6	34.0#
120	0.0	18.3	27.5#

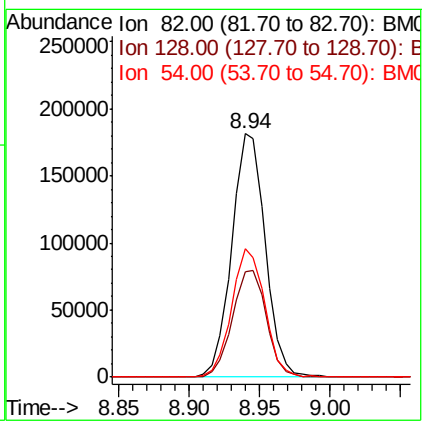


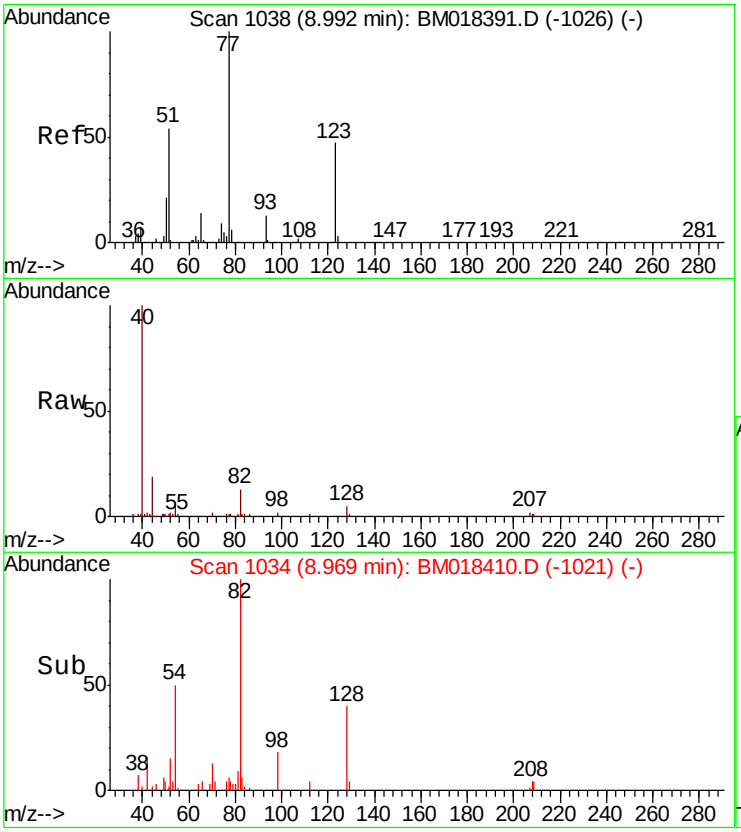


#23
Nitrobenzene-d5
Concen: 10.191 ng
RT: 8.94 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 82 Resp: 300584

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.3	54.5
54	52.5	41.7	62.5



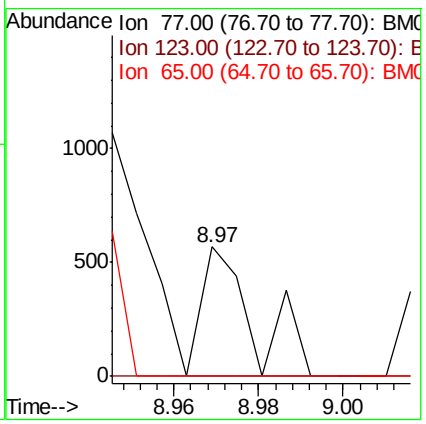


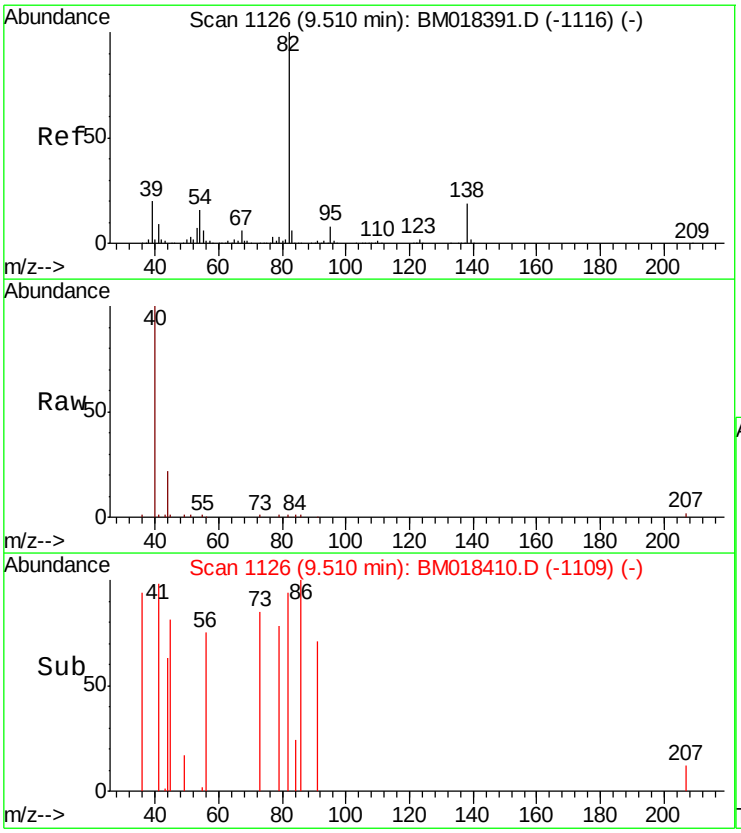
#24
Nitrobenzene
Concen: 0.017 ng
RT: 8.97 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion: 77 Resp: 490

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	0.0	11.0	16.6#

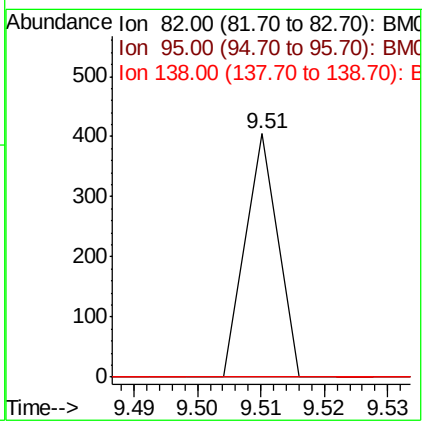


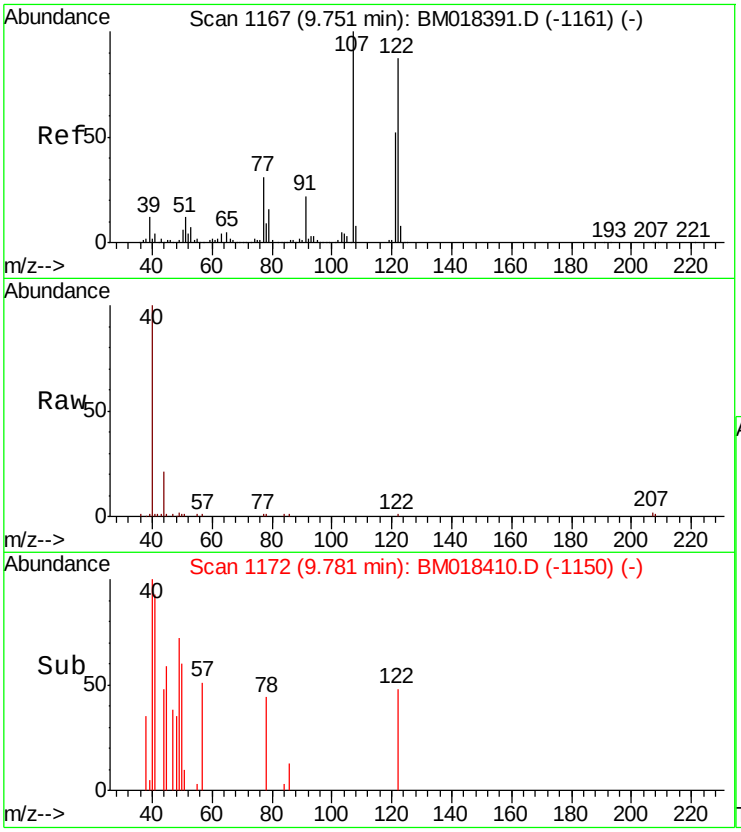


#25
Isophorone
Concen: 0.003 ng
RT: 9.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 82 Resp: 143

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.1	22.7#



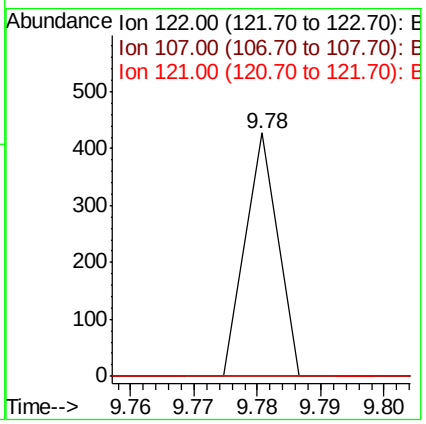


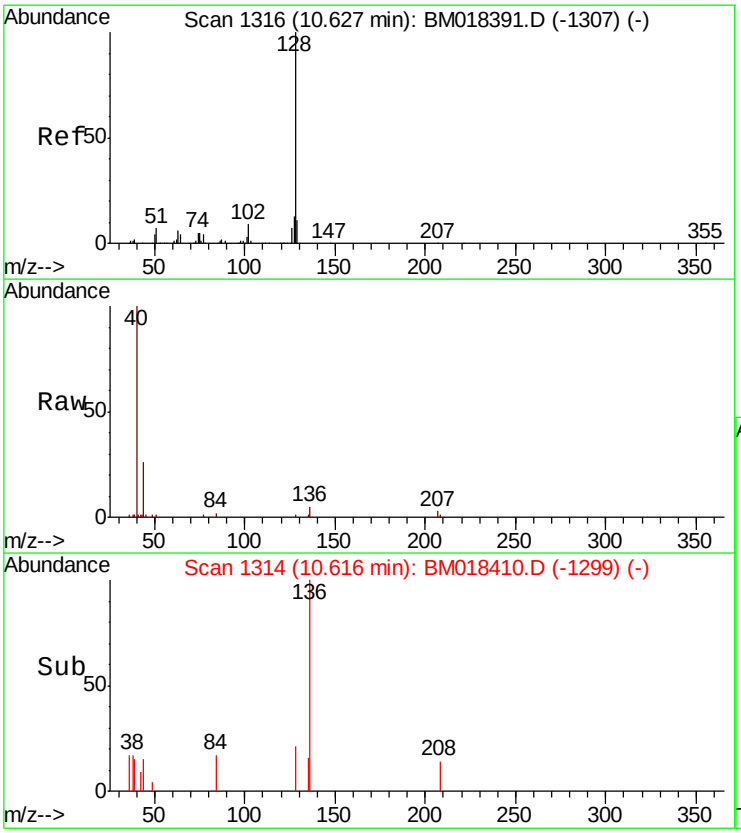
#27
2,4-Dimethylphenol
Concen: 0.007 ng
RT: 9.78 min Scan# 1172
Delta R.T. 0.03 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:122 Resp: 151

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.9	137.9#
121	0.0	47.5	71.3#

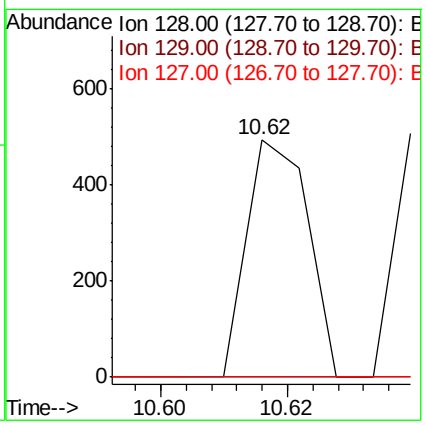


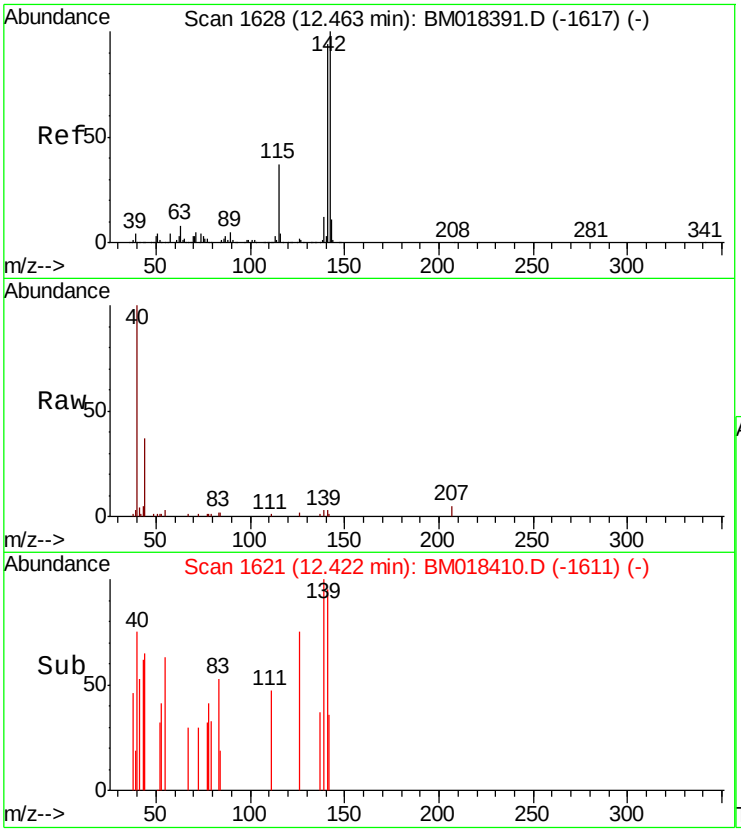


#31
Naphthalene
Concen: 0.004 ng
RT: 10.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:128 Resp: 328

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.8	16.2#



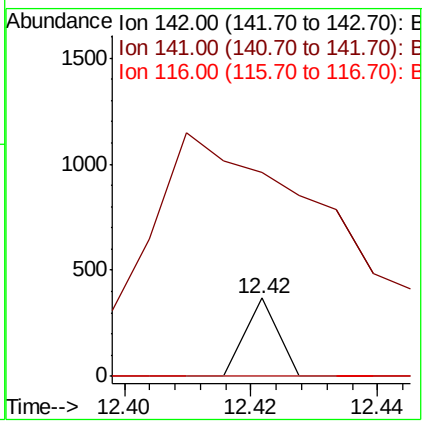


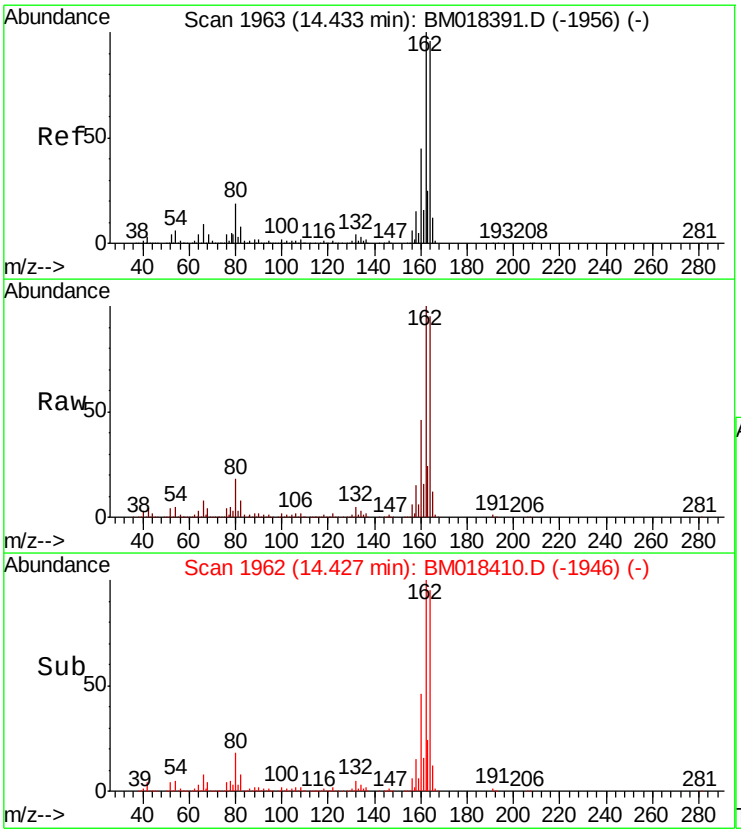
#38
1-Methylnaphthalene
Concen: 0.002 ng
RT: 12.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:142 Resp: 130

Ion	Ratio	Lower	Upper
142	100		
141	261.0	75.6	113.4#
116	0.0	3.0	4.6#

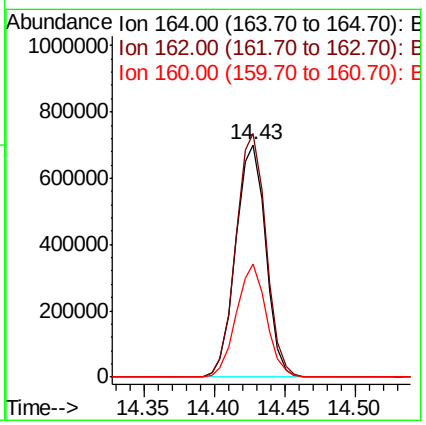


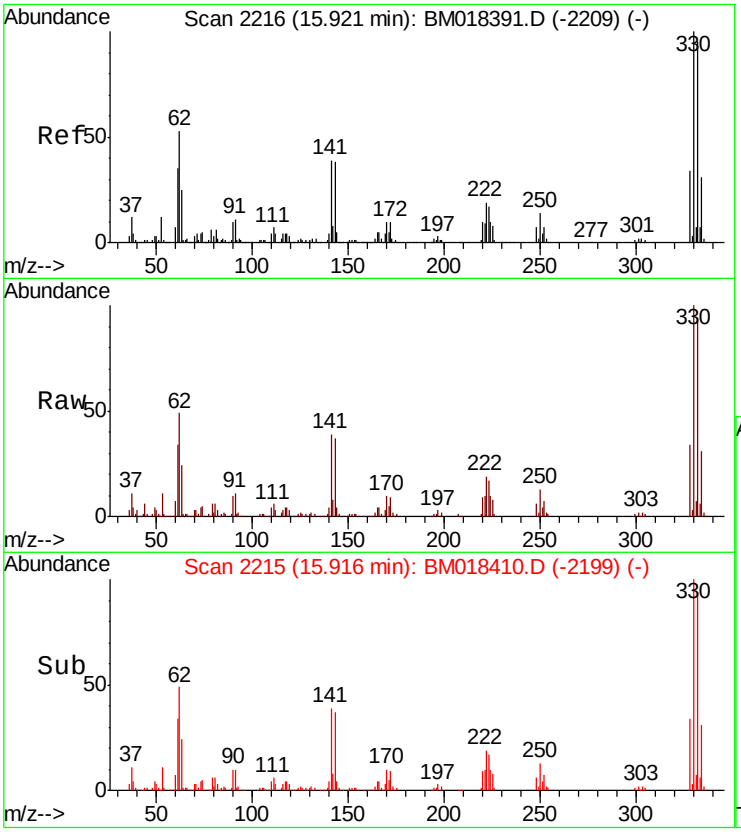


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:164 Resp: 1037095

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	48.6	37.1	55.7



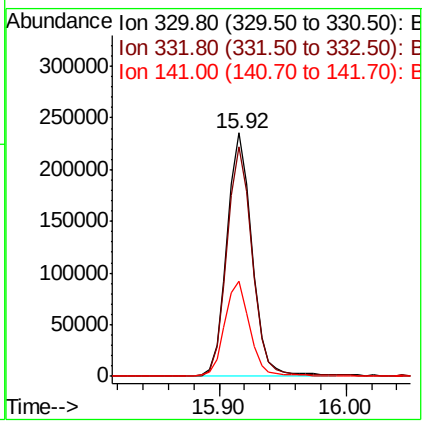


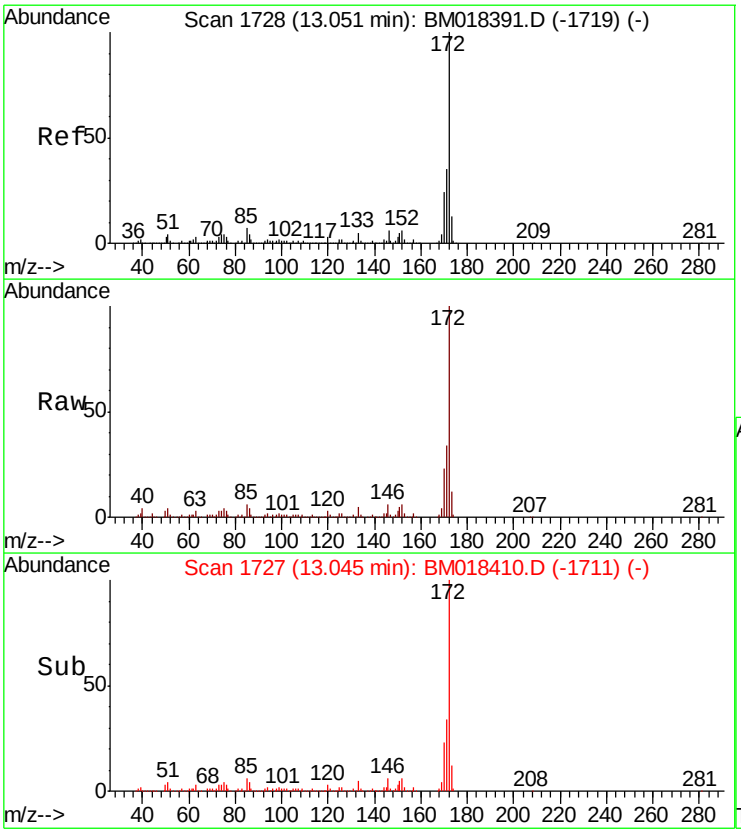
#42
2,4,6-Tribromophenol
Concen: 24.498 ng
RT: 15.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:330 Resp: 322816

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.6	116.4
141	39.1	31.7	47.5

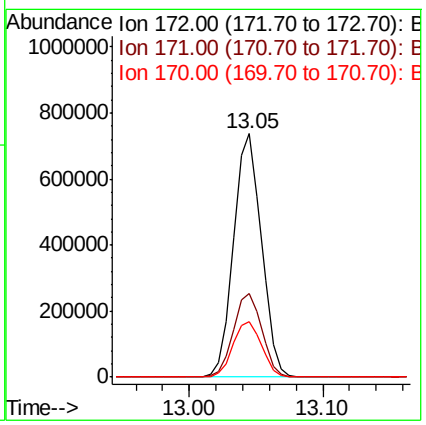


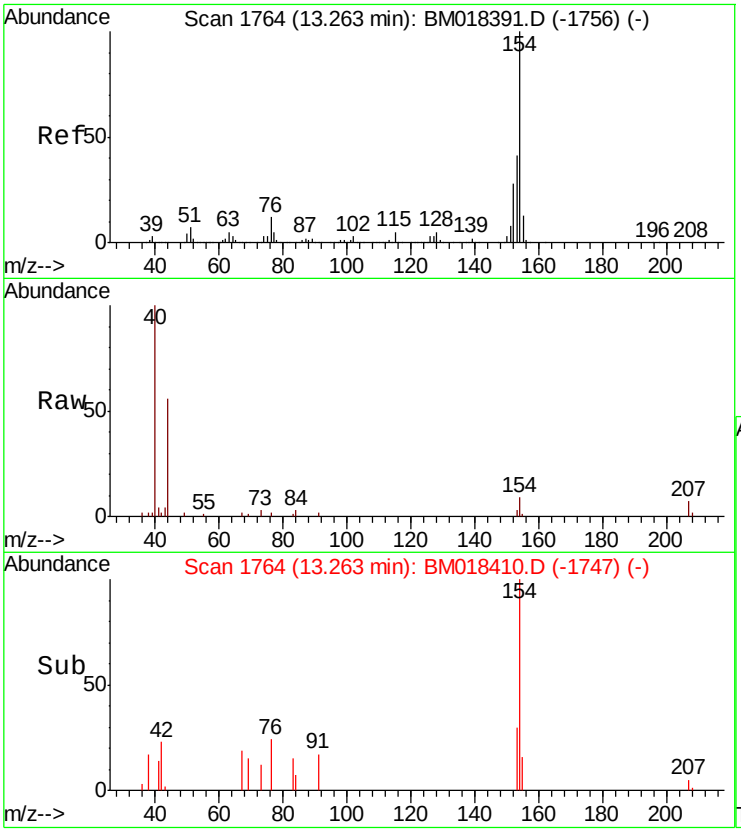


#45
2-Fluorobiphenyl
Concen: 13.968 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:172 Resp: 1069550

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.4
170	22.6	18.9	28.3



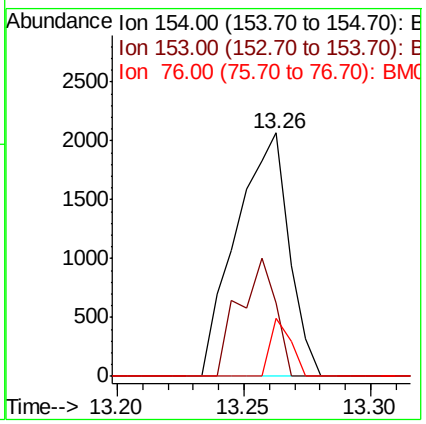


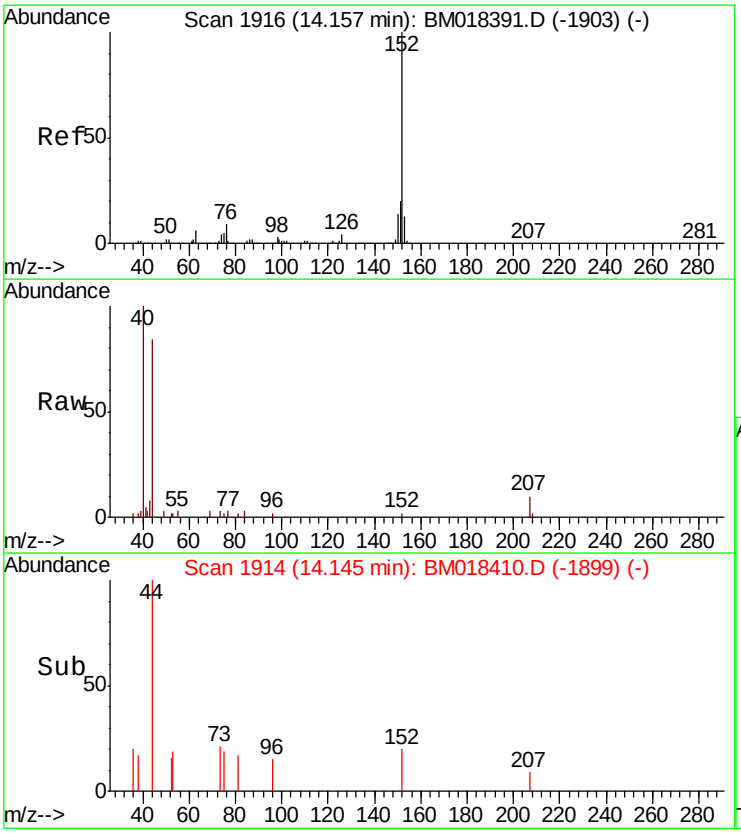
#46
1,1'-Biphenyl
Concen: 0.034 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:154 Resp: 3007

Ion	Ratio	Lower	Upper
154	100		
153	30.4	20.5	60.5
76	23.7	0.0	31.9

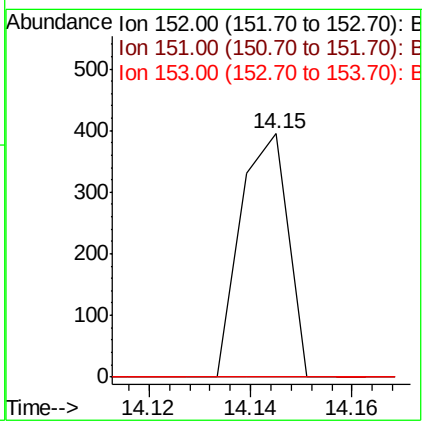


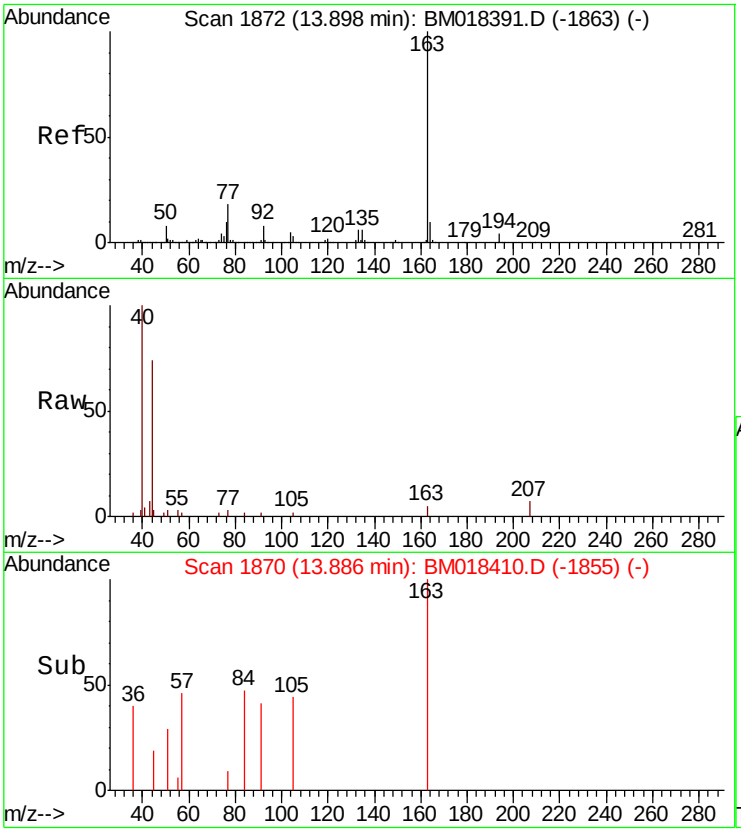


#49
Acenaphthylene
Concen: 0.002 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:152 Resp: 256

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.5	15.7#



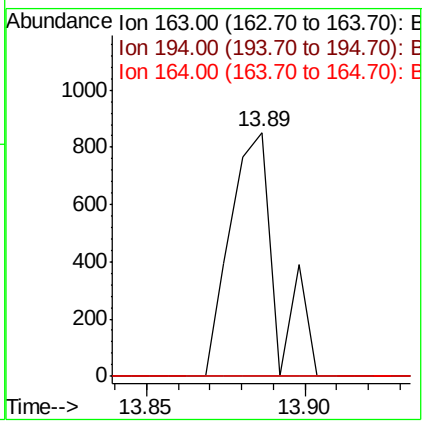


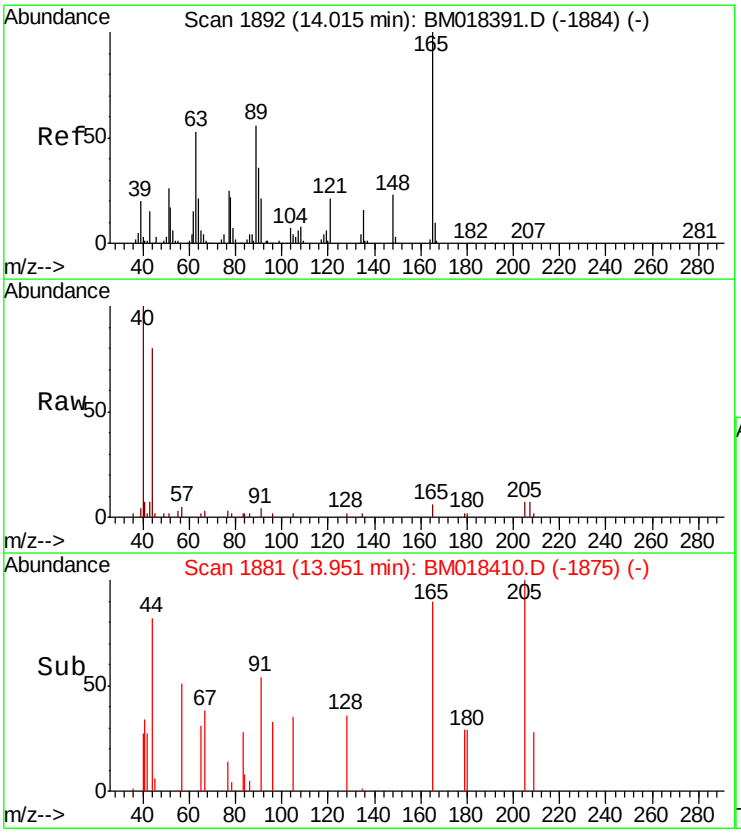
#50
Dimethylphthalate
Concen: 0.010 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:163 Resp: 848

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	0.0	7.8	11.8#

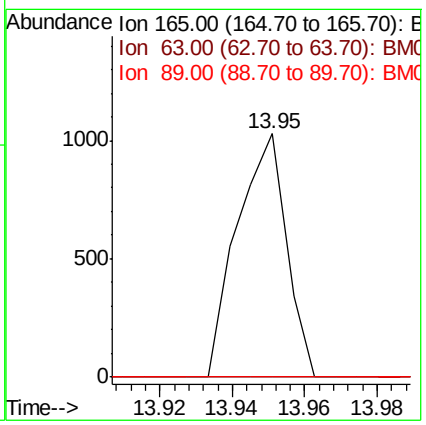


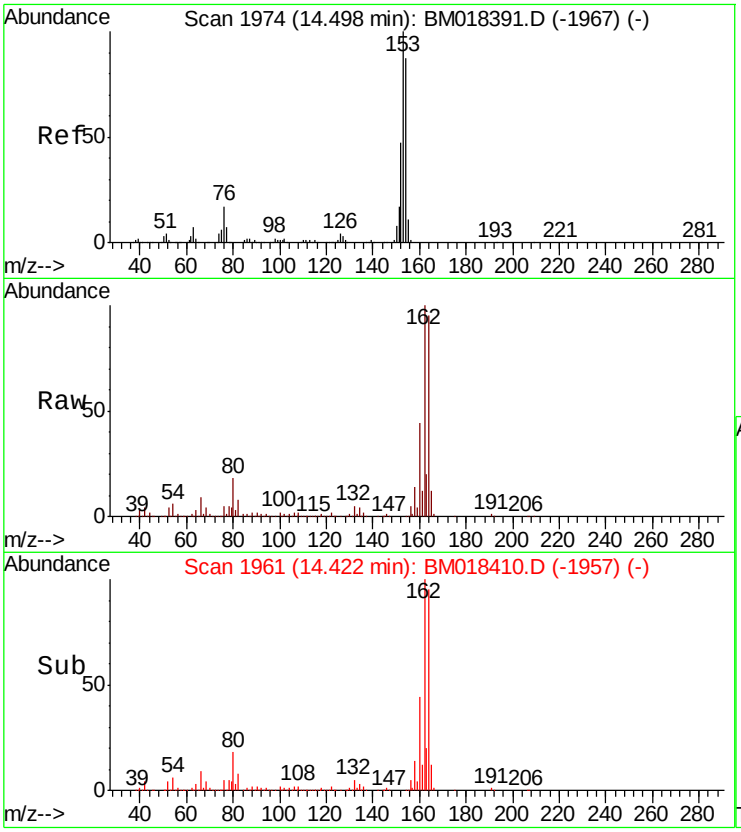


#51
2,6-Dinitrotoluene
Concen: 0.053 ng
RT: 13.95 min Scan# 1881
Delta R.T. -0.06 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:165 Resp: 968

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.6	68.4#
89	0.0	44.6	66.8#



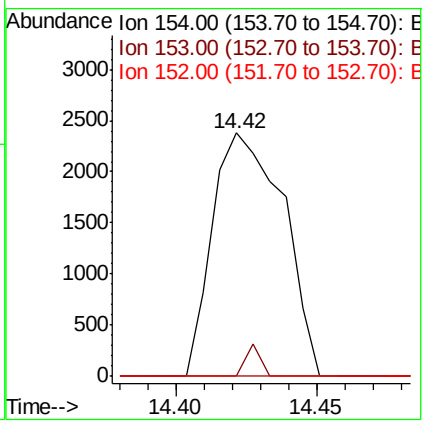


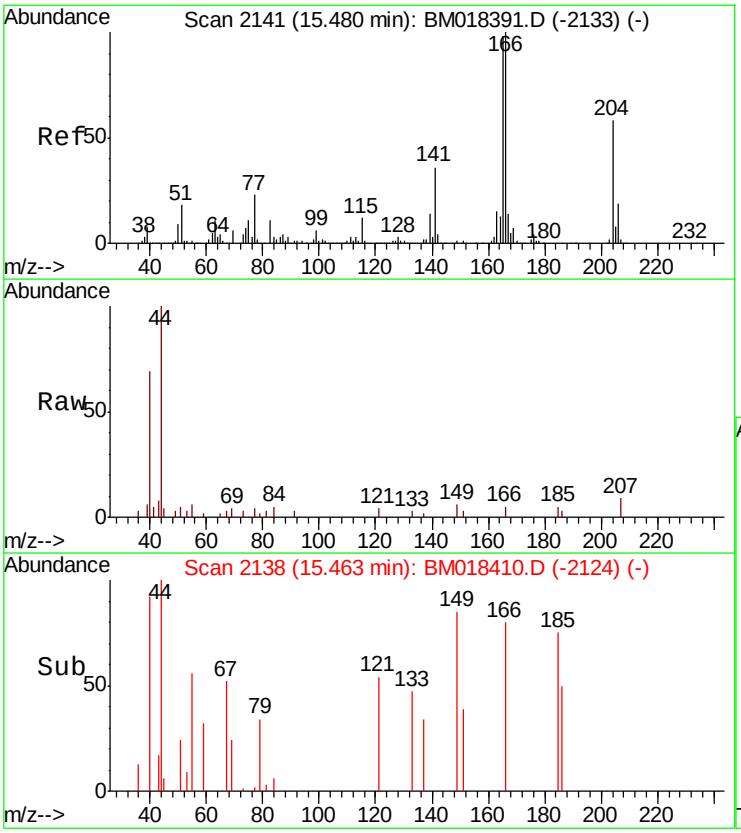
#52
Acenaphthene
Concen: 0.066 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.08 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:154 Resp: 4142

Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.3	138.5#
152	0.0	43.8	65.6#

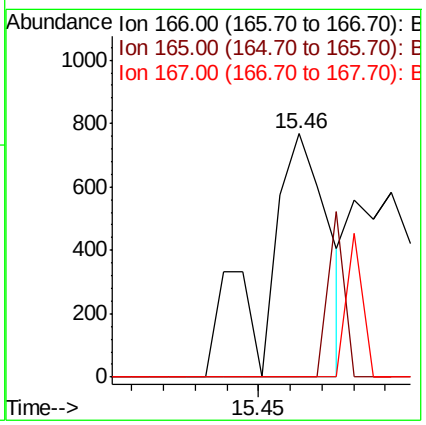


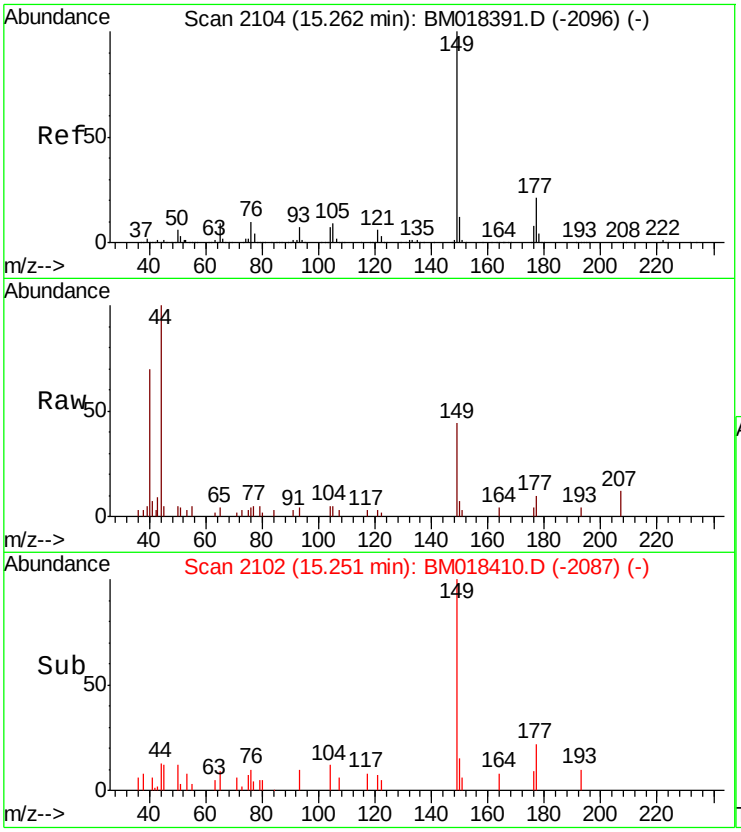


#58
Fluorene
Concen: 0.013 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:166 Resp: 1066

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.3	117.5#
167	0.0	10.9	16.3#



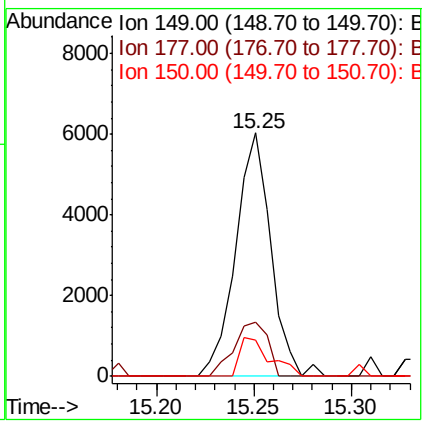


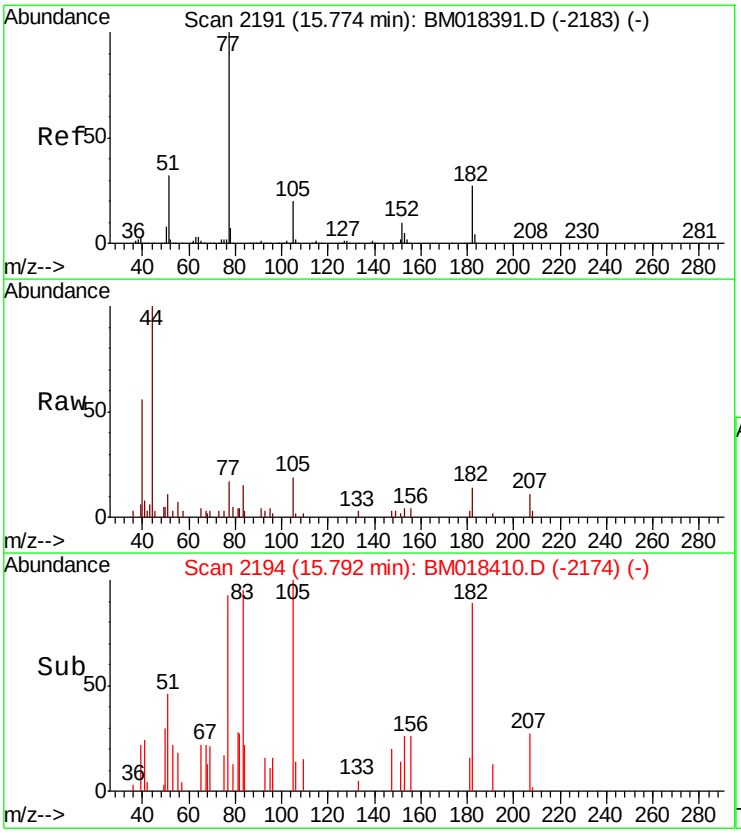
#60
Diethylphthalate
Concen: 0.083 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:149 Resp: 7538

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	15.1	9.8	14.6#

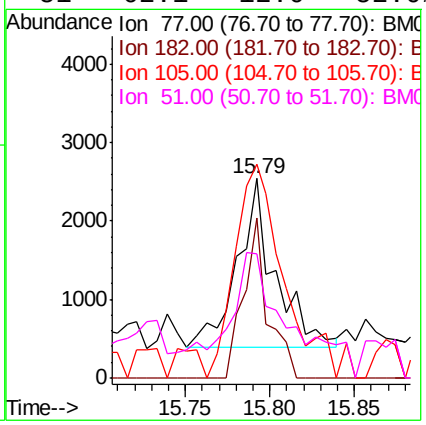


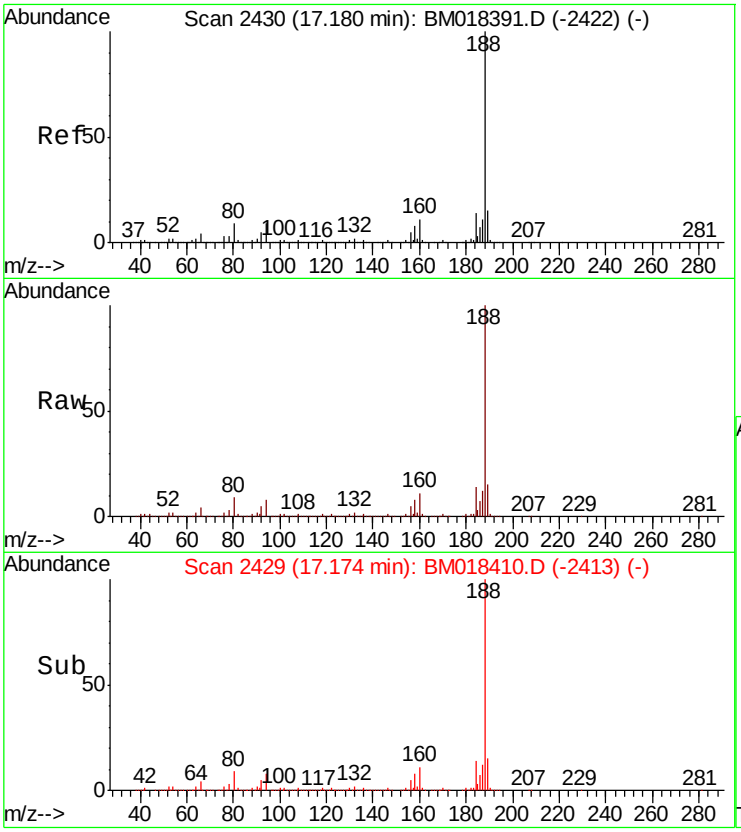


#63
Azobenzene
Concen: 0.040 ng
RT: 15.79 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion: 77 Resp: 3318

Ion	Ratio	Lower	Upper
77	100		
182	80.3	7.4	47.4#
105	107.1	0.0	39.6#
51	62.1	12.0	52.0#



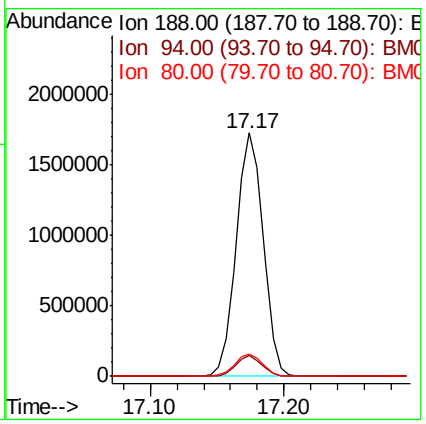


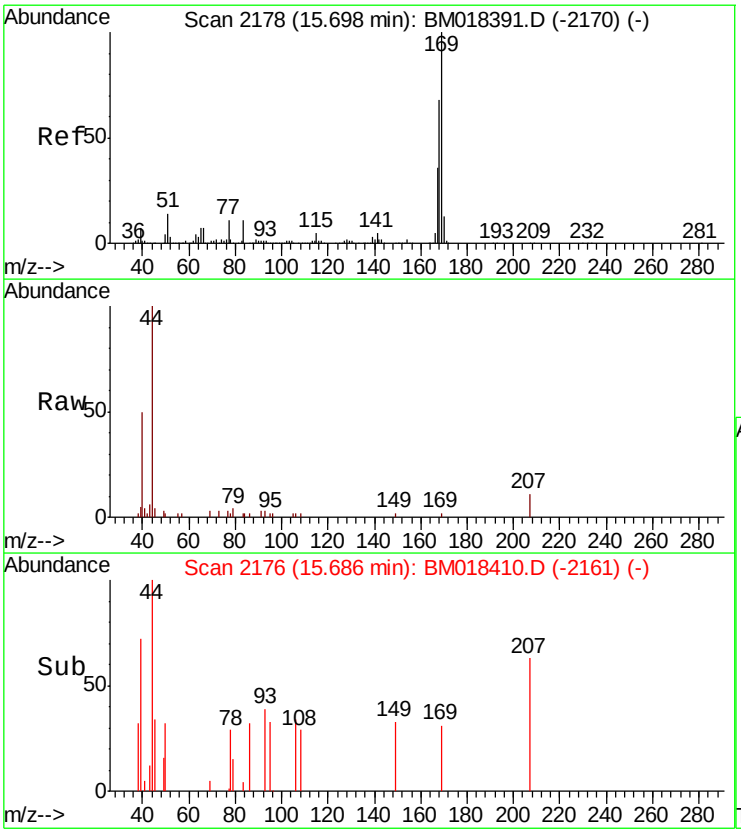
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:188 Resp: 2408938

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.3	7.6	11.4

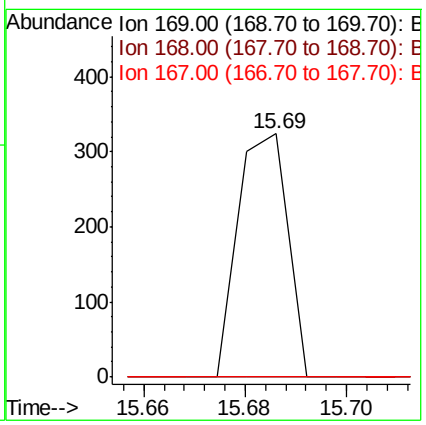


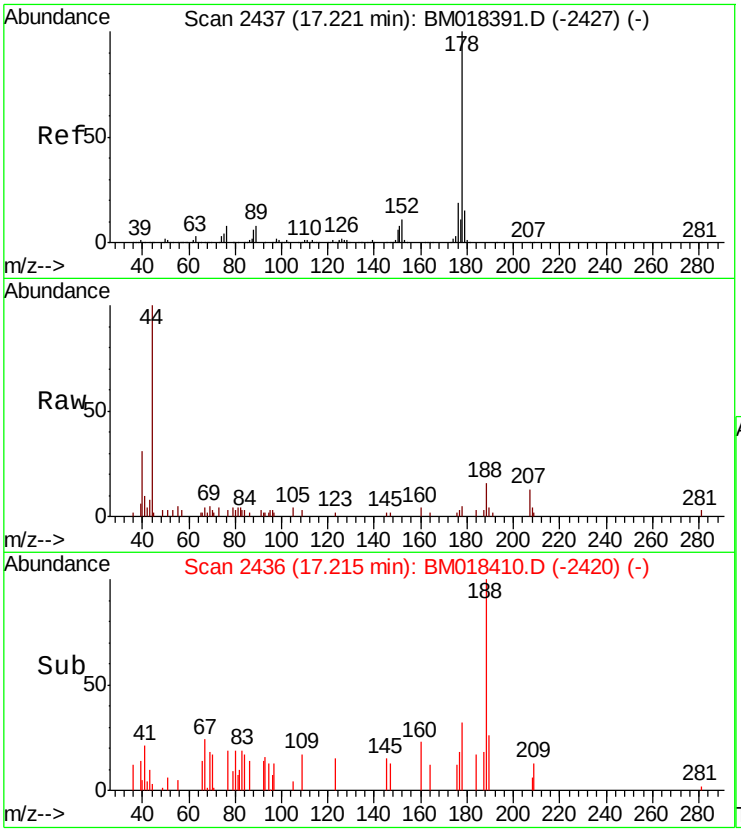


#66
n-Nitrosodiphenylamine
Concen: 0.003 ng
RT: 15.69 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:169 Resp: 220

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.1	81.1#
167	0.0	28.6	42.8#



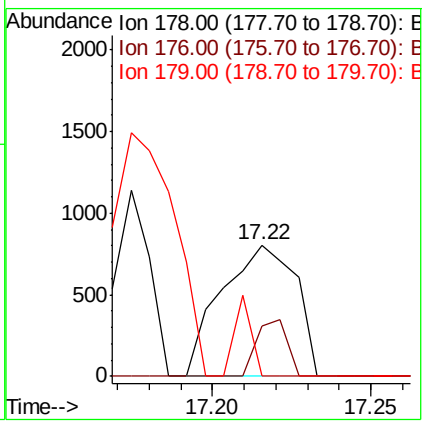


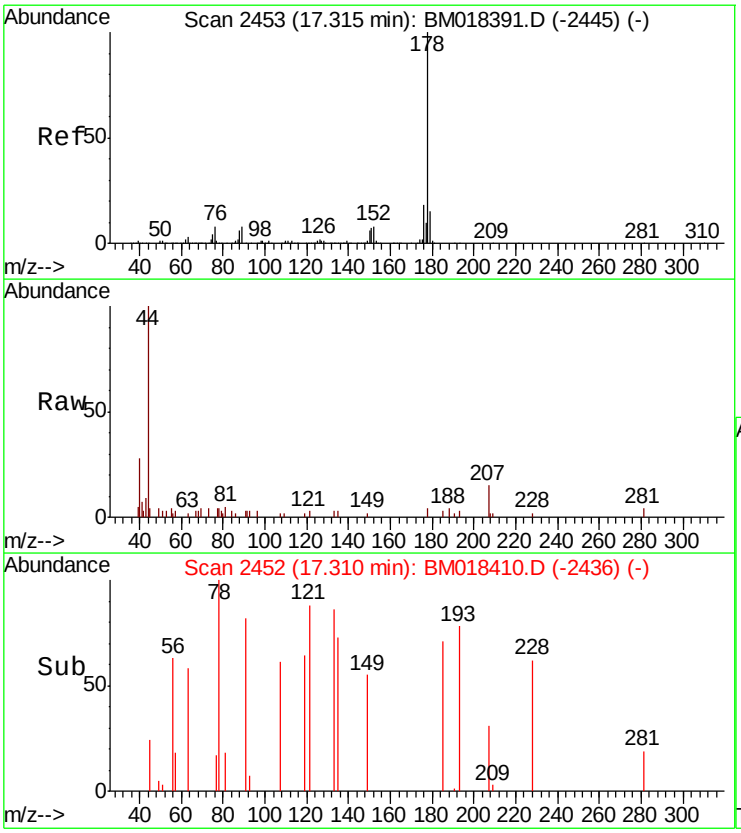
#71
Phenanthrene
Concen: 0.010 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:178 Resp: 1311

Ion	Ratio	Lower	Upper
178	100		
176	37.9	15.4	23.0#
179	0.0	12.2	18.4#

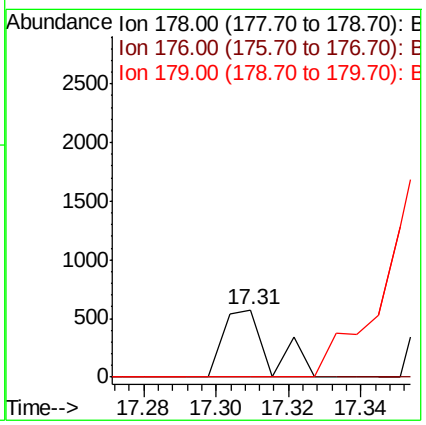


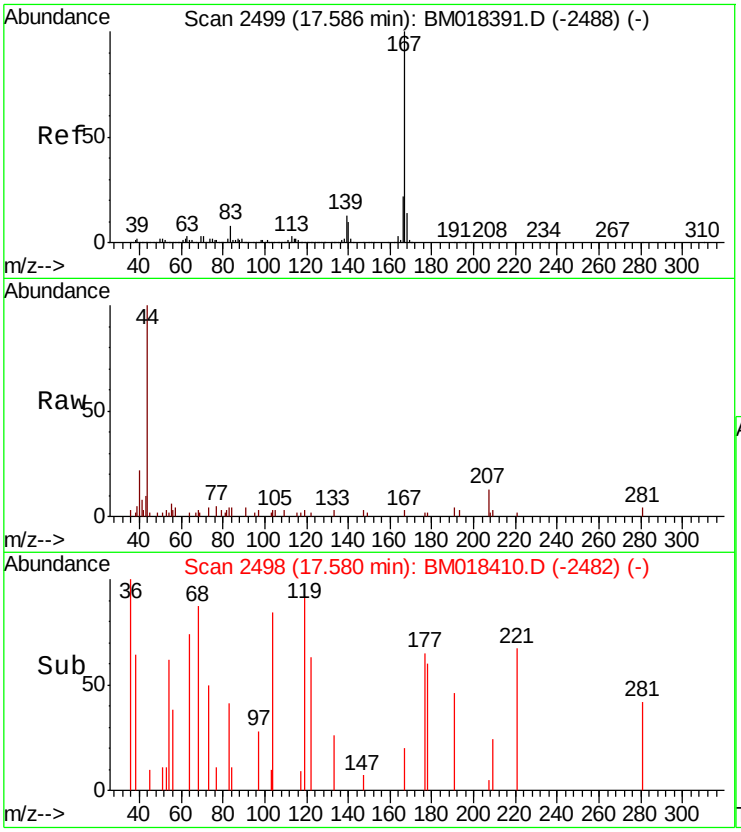


#72
Anthracene
Concen: 0.004 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:178 Resp: 513

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	0.0	12.2	18.4#



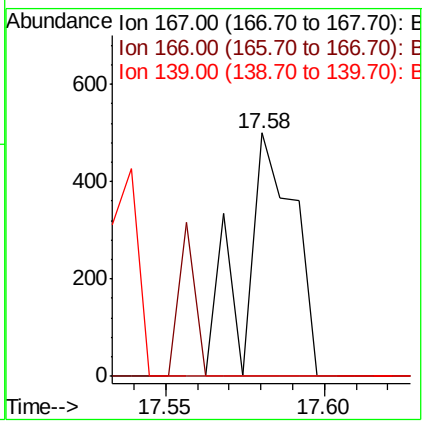


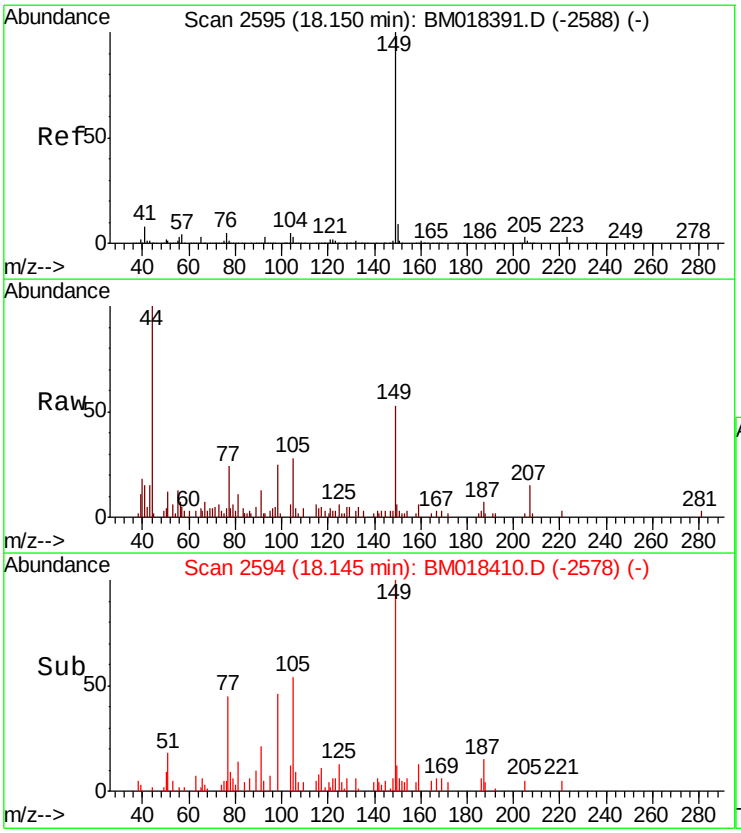
#73
Carbazole
Concen: 0.004 ng
RT: 17.58 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:167 Resp: 551

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.2#
139	0.0	10.6	16.0#

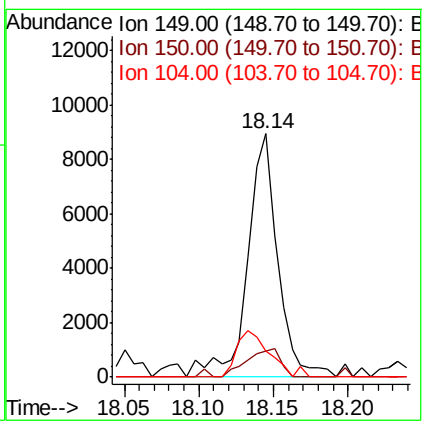


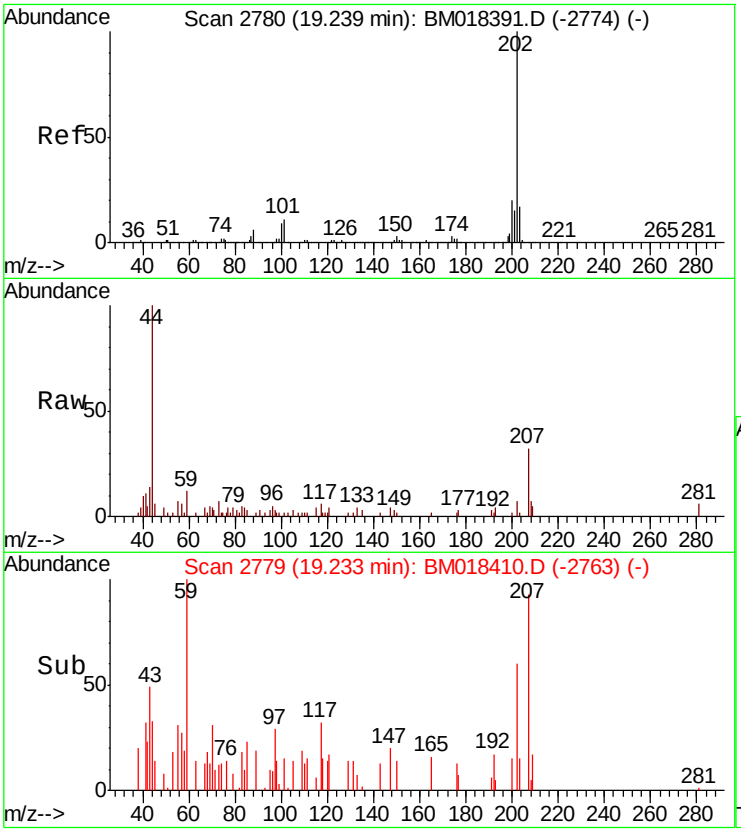


#74
Di-n-butylphthalate
Concen: 0.082 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:149 Resp: 12491

Ion	Ratio	Lower	Upper
149	100		
150	10.9	7.3	10.9
104	10.7	4.2	6.4#



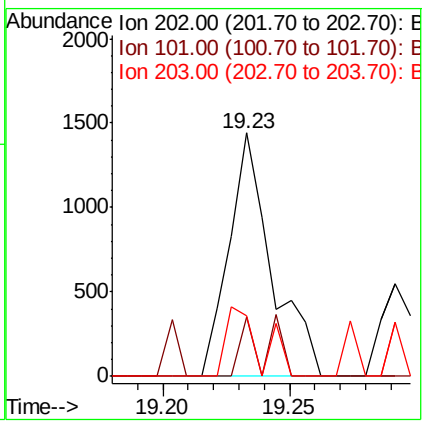


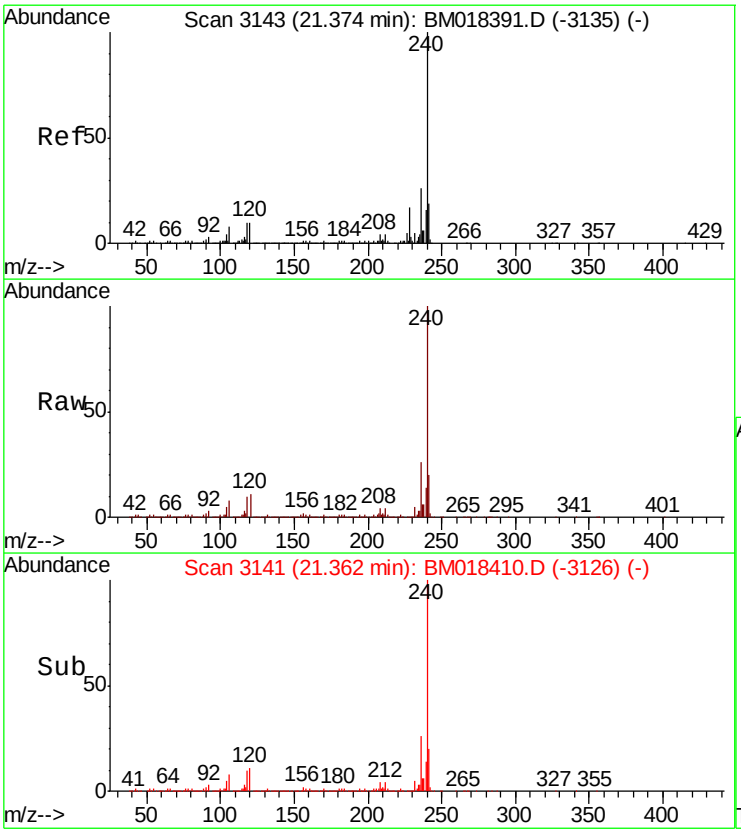
#75
Fluoranthene
Concen: 0.011 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:202 Resp: 1690

Ion	Ratio	Lower	Upper
202	100		
101	24.3	0.0	30.9
203	25.0	0.0	37.4

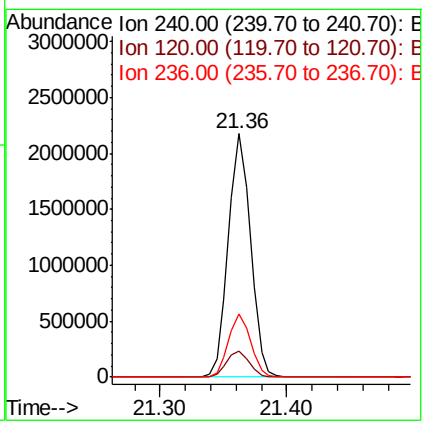


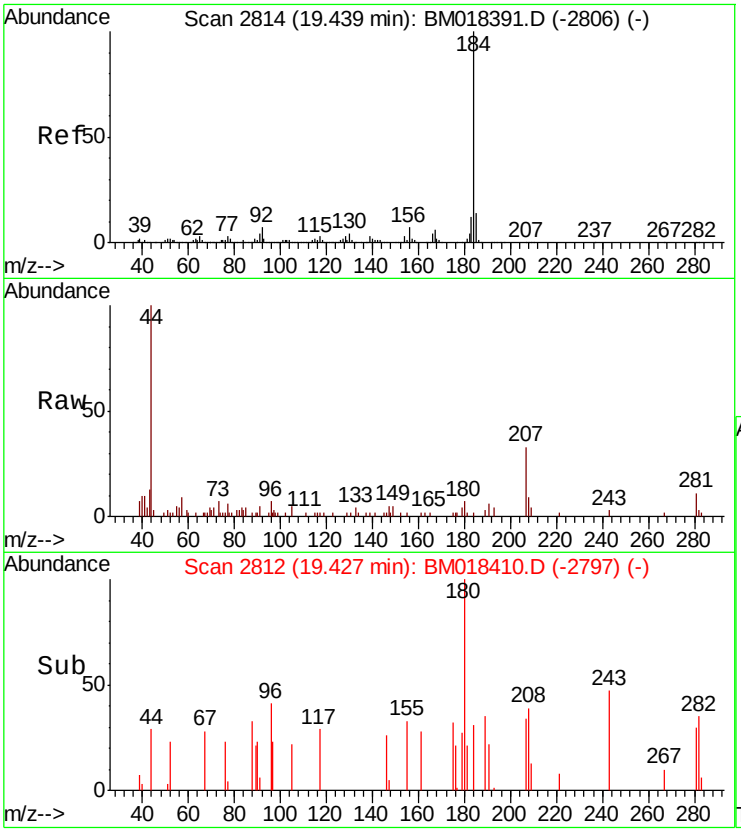


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:240 Resp: 2637302

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.1	20.7	31.1



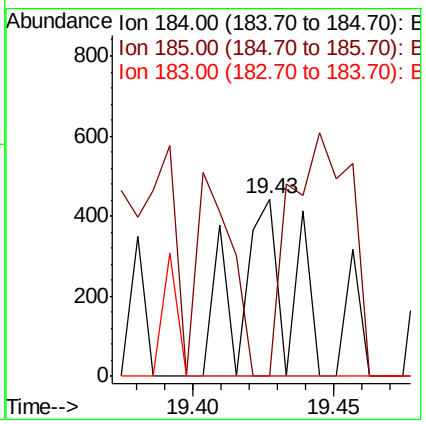


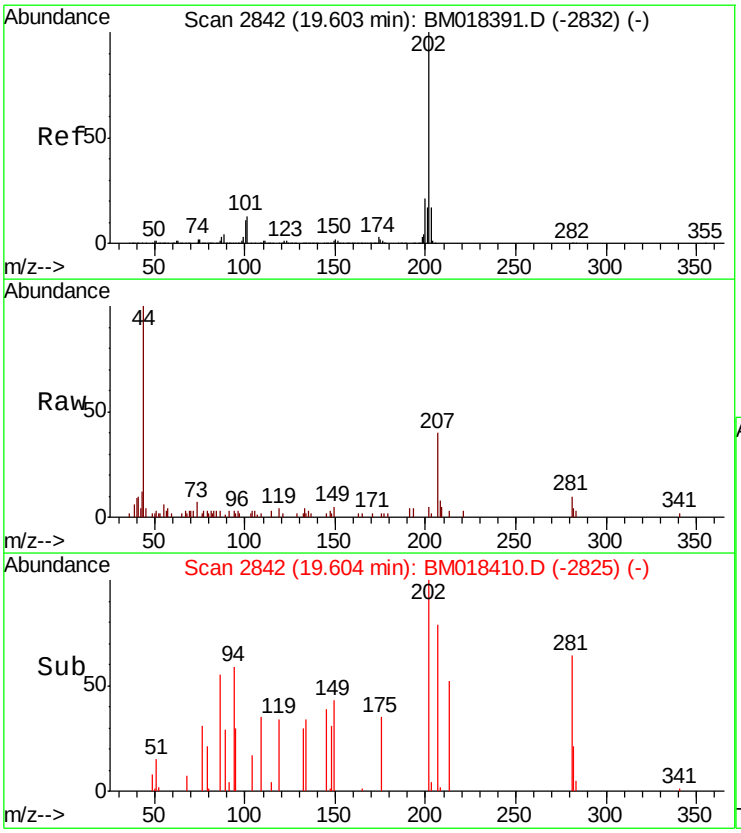
#77
Benzidine
Concen: 0.007 ng
RT: 19.43 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:184 Resp: 565

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.4	17.0#
183	0.0	9.5	14.3#

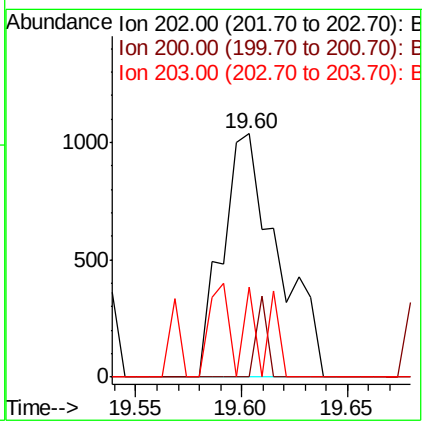


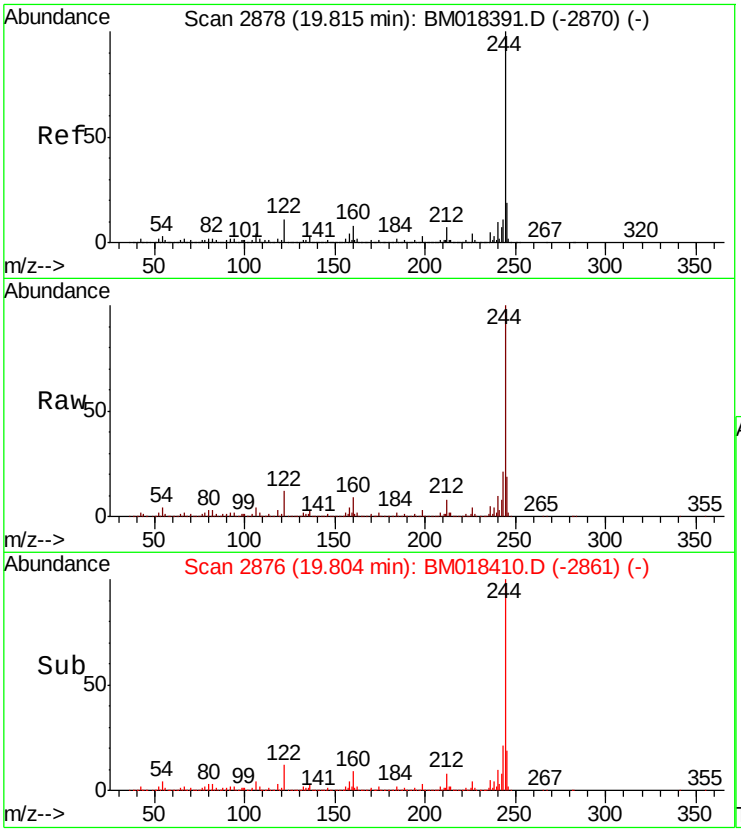


#78
Pyrene
Concen: 0.012 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:202 Resp: 1896

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	24.8#
203	36.9	13.8	20.8#



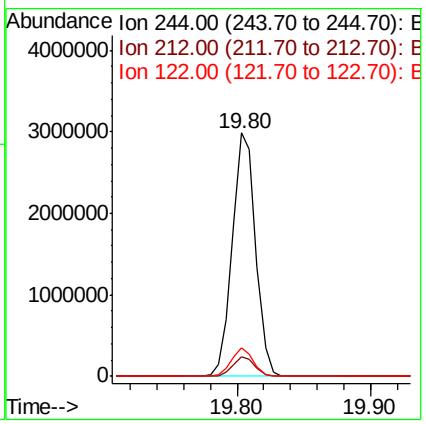


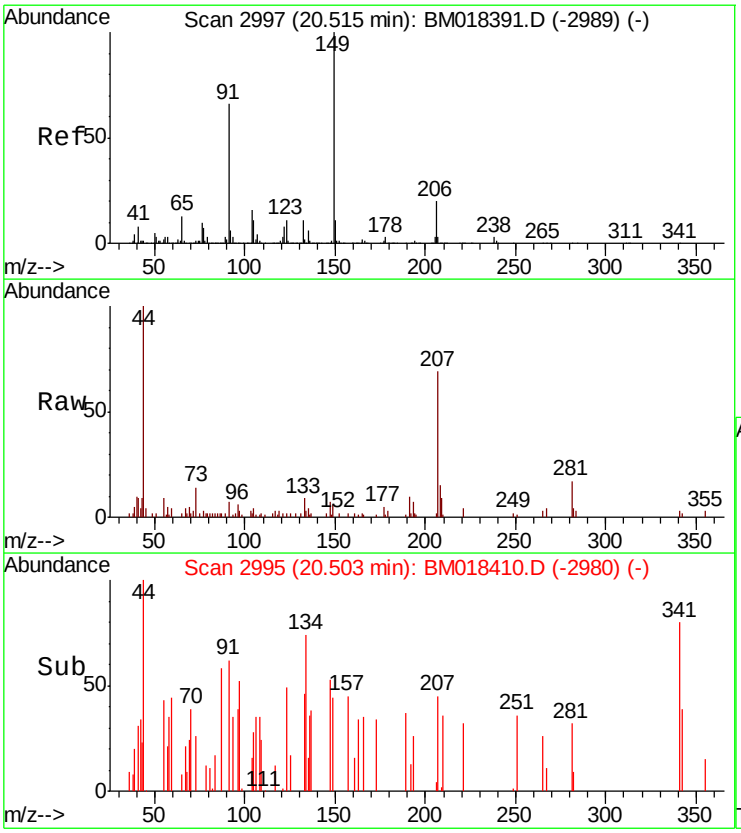
#79
Terphenyl-d14
Concen: 29.459 ng
RT: 19.80 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:244 Resp: 3646038

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	11.6	9.0	13.4

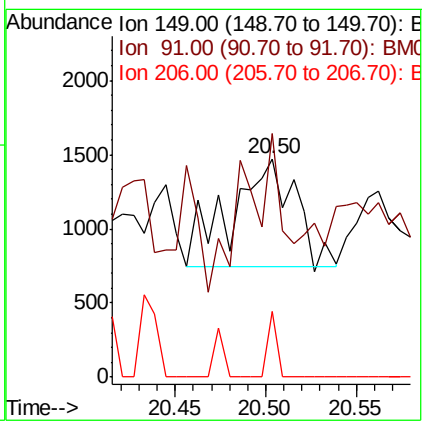


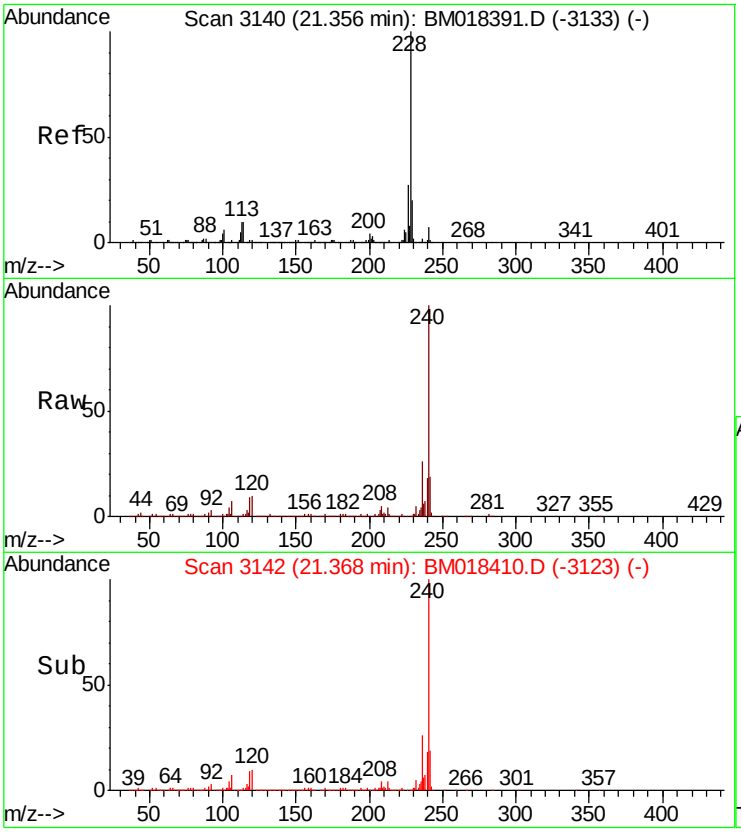


#80
Butylbenzylphthalate
Concen: 6.656 ng
RT: 20.50 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:149 Resp: 1768

Ion	Ratio	Lower	Upper
149	100		
91	111.5	53.1	79.7#
206	30.3	16.2	24.4#



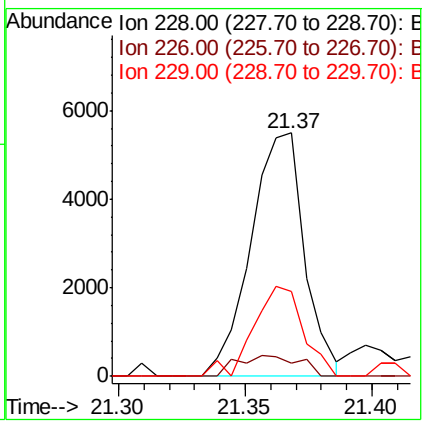


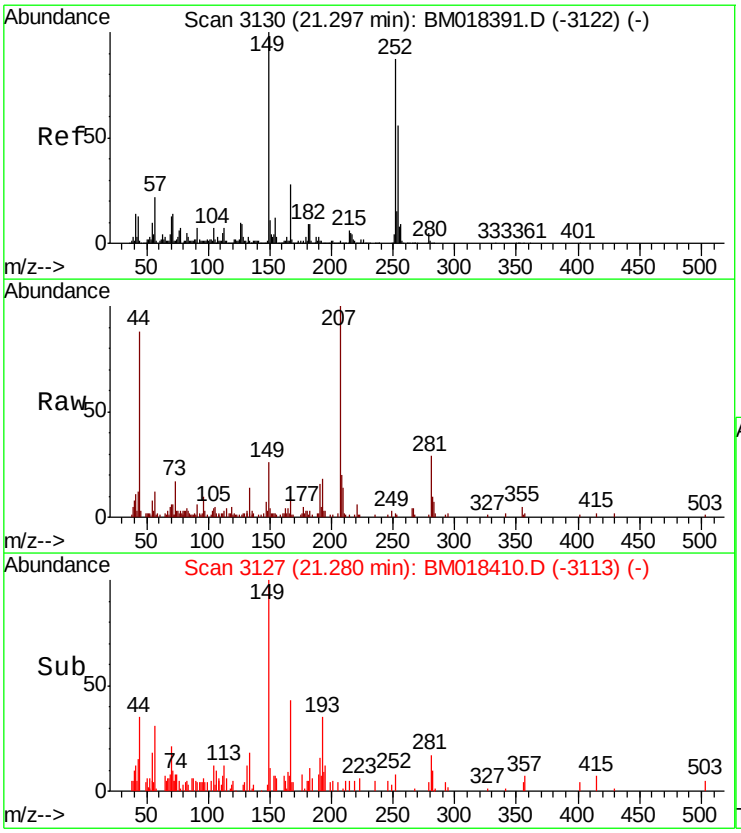
#81
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.37 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:228 Resp: 8082

Ion	Ratio	Lower	Upper
228	100		
226	5.5	21.8	32.6#
229	34.9	15.8	23.8#

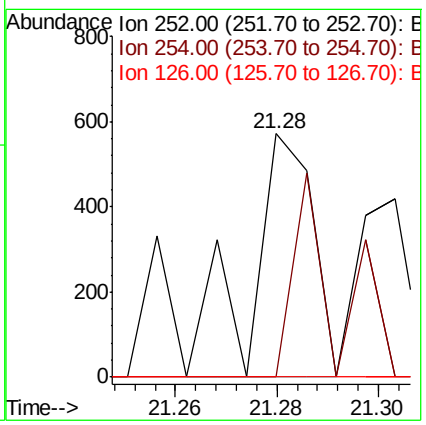


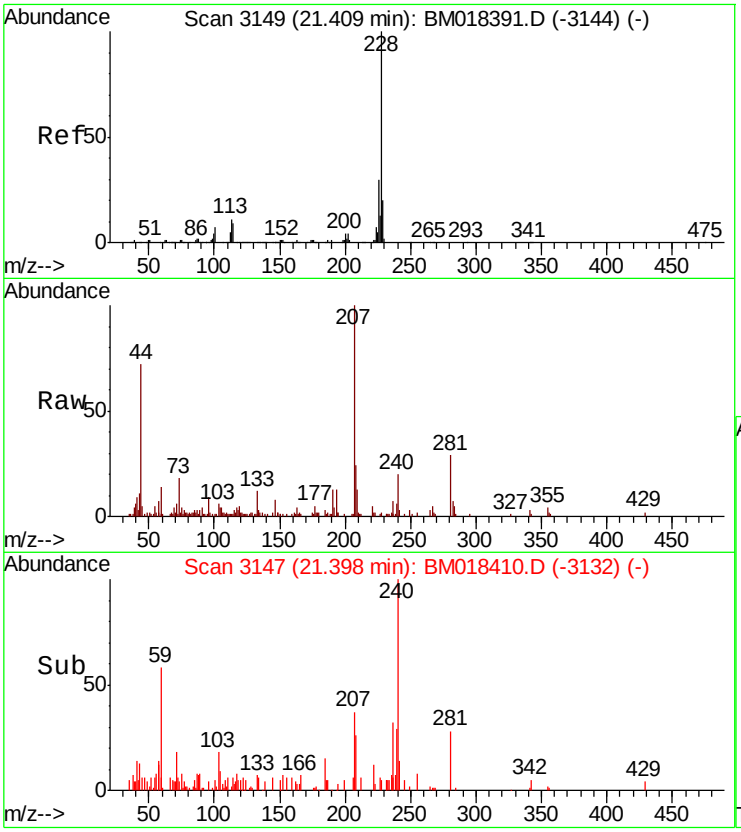


#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.28 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:252 Resp: 487

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	0.0	8.7	13.1#



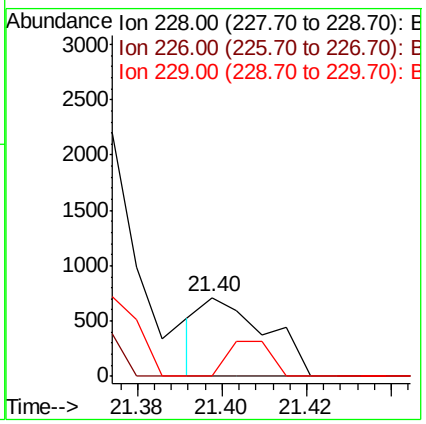


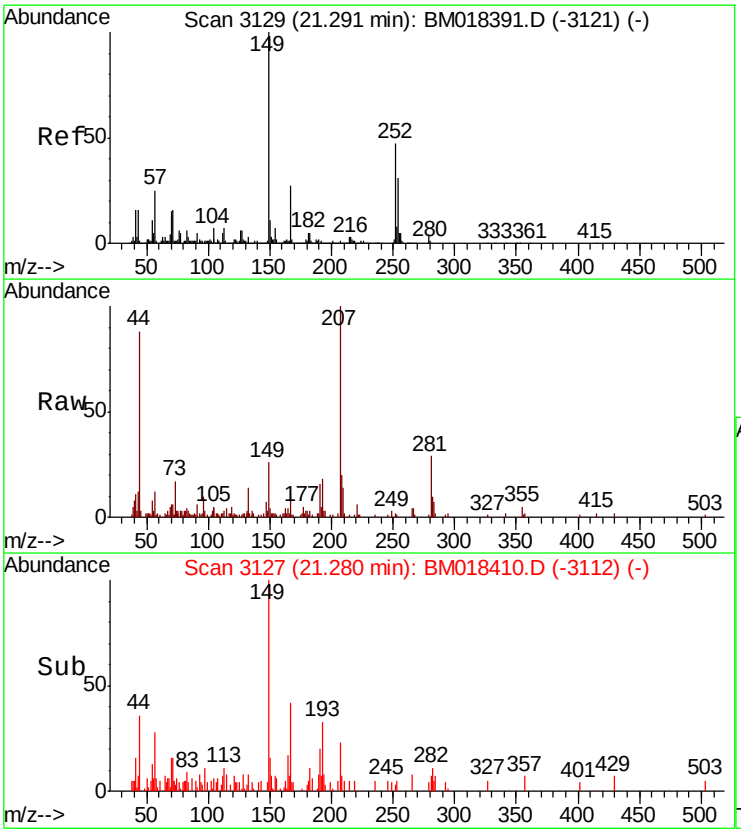
#83
Chrysene
Concen: 0.005 ng
RT: 21.40 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:228 Resp: 747

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.2#
229	0.0	15.6	23.4#

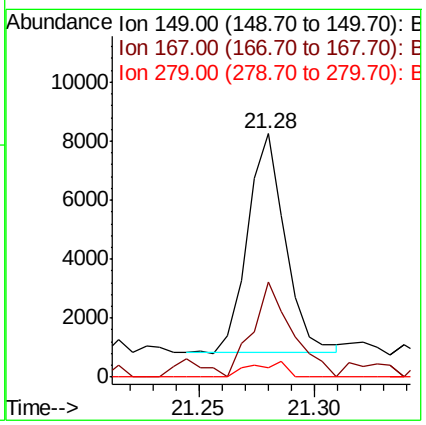


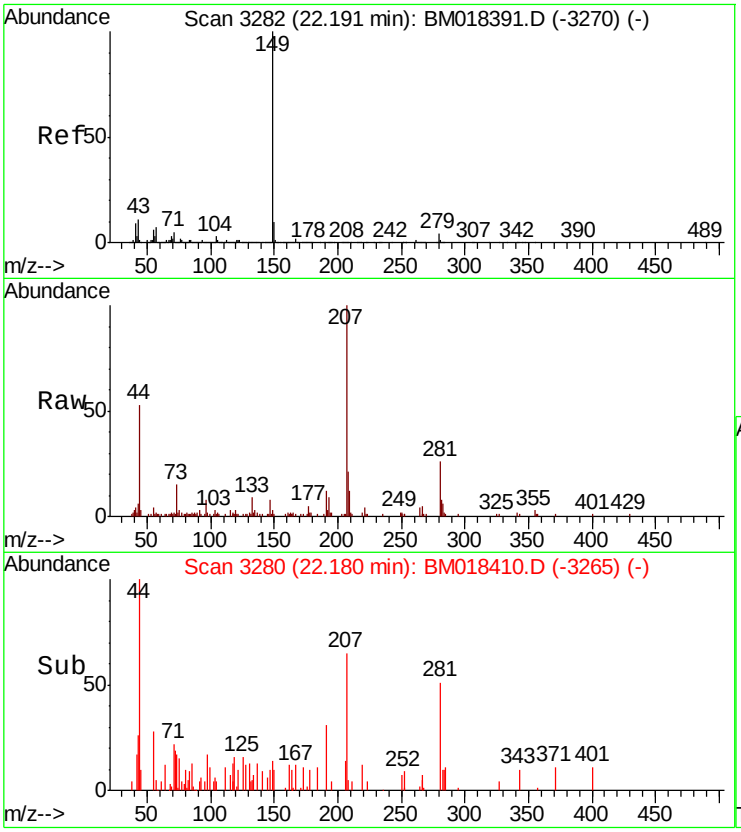


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.28 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:149 Resp: 8443

Ion	Ratio	Lower	Upper
149	100		
167	38.9	21.6	32.4#
279	3.9	3.3	4.9



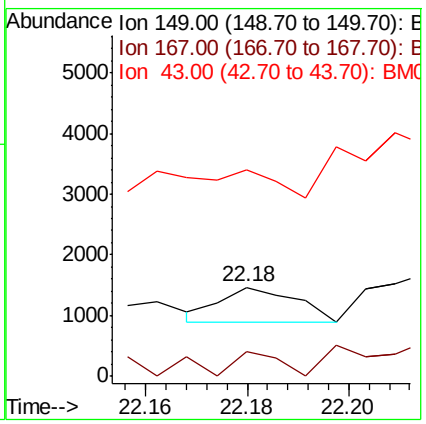


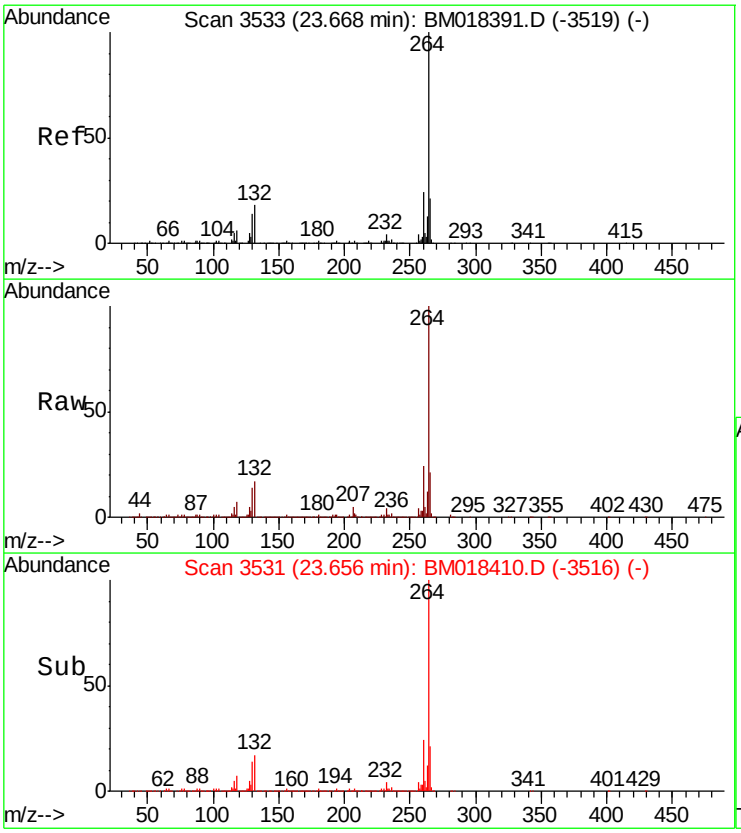
#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.18 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:149 Resp: 606

Ion	Ratio	Lower	Upper
149	100		
167	60.9	1.3	1.9#
43	508.7	8.6	12.8#

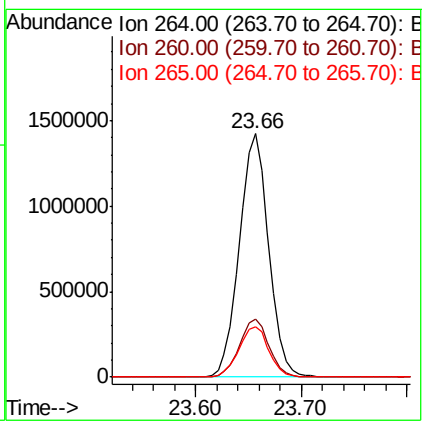


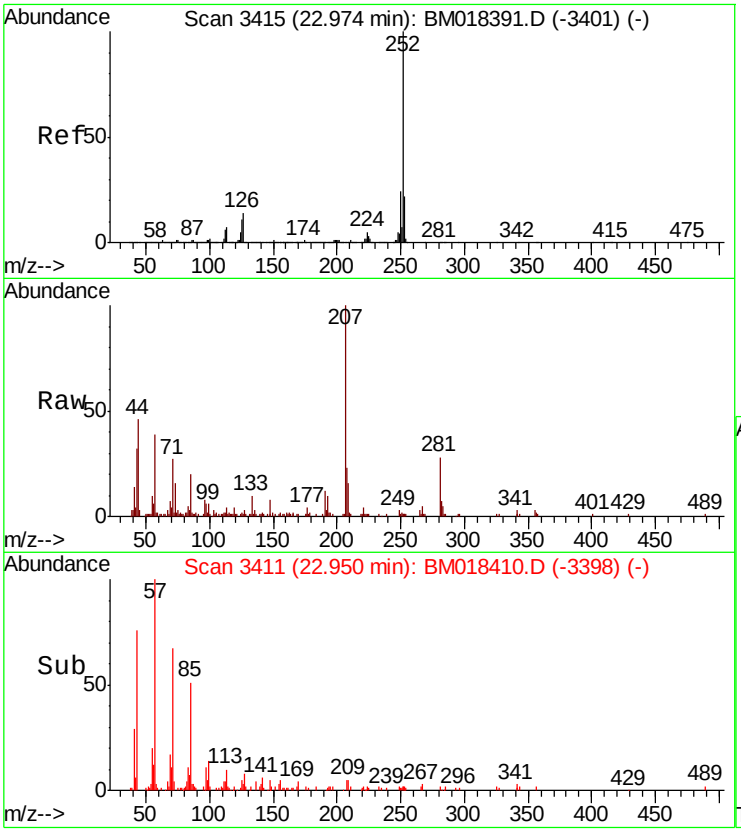


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:264 Resp: 2738764

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	20.9	16.8	25.2



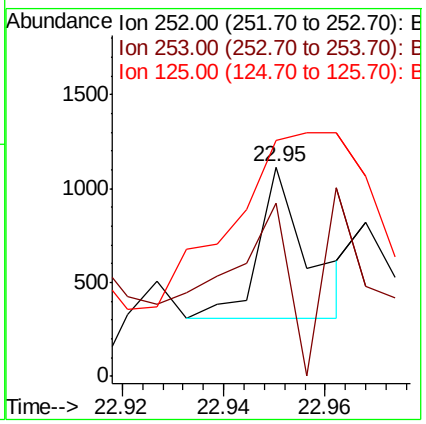


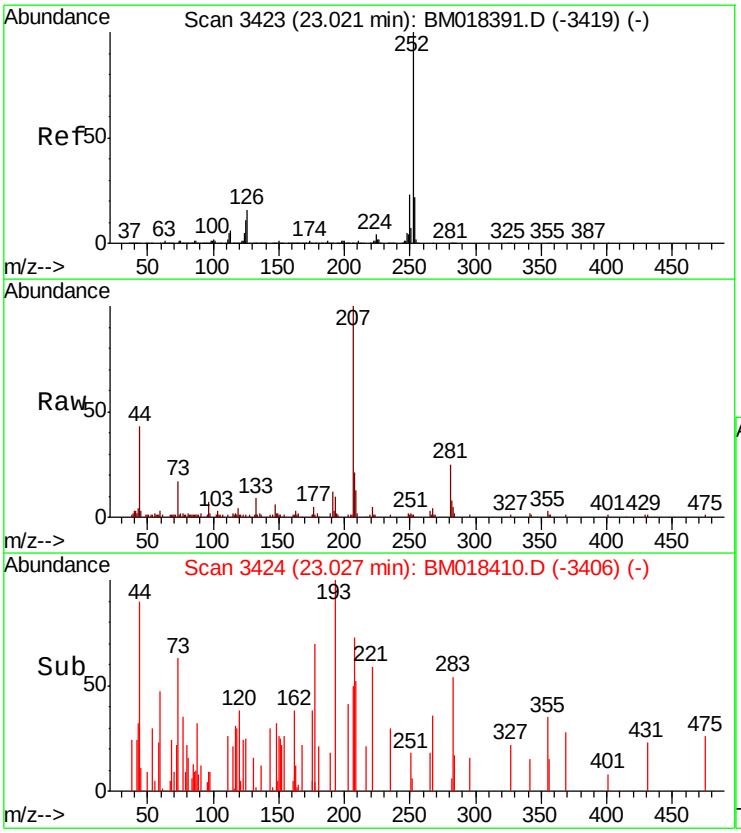
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.95 min Scan# 3411
Delta R.T. -0.02 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:252 Resp: 541

Ion	Ratio	Lower	Upper
252	100		
253	82.8	17.6	26.4#
125	113.0	8.5	12.7#

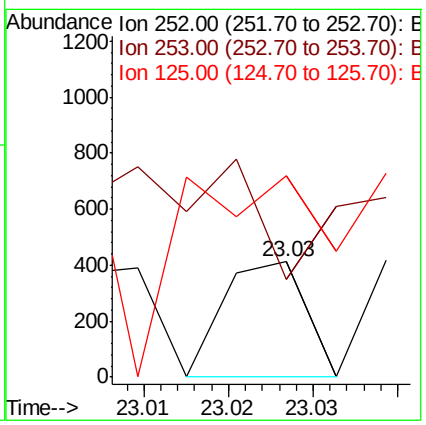


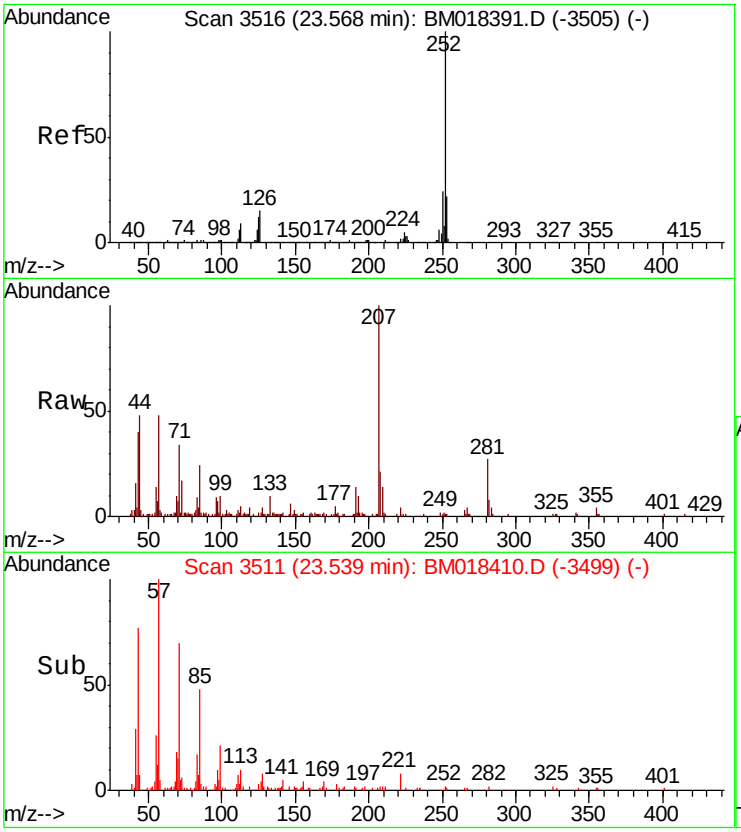


#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.03 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Tgt Ion:252 Resp: 277

Ion	Ratio	Lower	Upper
252	100		
253	84.7	17.4	26.0#
125	174.6	8.6	12.8#





#90
Benzo(a)pyrene
Concen: 0.011 ng
RT: 23.54 min Scan# 3511
Delta R.T. -0.03 min
Lab File: BM018410.D
Acq: 27 Dec 2018 23:28

Instrument :
BNA_M
ClientSampleId :
381204157-6

Tgt Ion:252 Resp: 1555

Ion	Ratio	Lower	Upper
252	100		
253	108.0	17.5	26.3#
125	204.6	9.7	14.5#