Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021685.D
Acq On : 27 Jul 2019 12:31
Operator : HP/JU
Sample : K3893-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 29 04:48:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	173800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	689304	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	387760	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	700805	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	688427	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	844061	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	12601	3.49	ng/uL	0.00
5) Phenol-d5	6.86	99	222042	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	155004	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	212735	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	171228	15.61	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	109838	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	121160	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	215212	17.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	80594	7.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	652020	21.79	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	733648	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	17694	3.90	ng/ul	0.01
57) Fluorene-d10	15.32	176	523430	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	8044	1.85	ng/ul	0.00
70) Anthracene-d10	17.18	188	713487	20.23	ng/ul	0.00
78) Pyrene-d10	19.48	212	737749	19.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	869525	19.47	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	171	0.047	ng/uL#	1
4) Benzaldehyde	6.85	77	7385	1.148	ng/ul	94
6) Phenol	6.89	94	8824	0.632	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.06	93	11728	1.119	ng/ul#	30
11) 2-Methylphenol	7.97	108	274	0.025	ng/ul#	4
12) 2,2'-oxybis(1-Chloropropan	8.21	45	367	0.027	ng/ul#	1
14) Acetophenone	8.52	105	28694	1.571	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.39	70	5048	0.564	ng/ul#	1
16) 4-Methylphenol	8.45	108	1537	0.129	ng/ul	91
17) Hexachloroethane	8.77	117	612	0.115	ng/ul#	1
20) Nitrobenzene	8.89	77	423	0.031	ng/ul#	42
21) Isophorone	9.37	82	237	0.010	ng/ul#	1
23) 2-Nitrophenol	9.67	139	870	0.136	ng/ul#	30
24) 2,4-Dimethylphenol	9.65	107	729	0.054	ng/ul#	68
25) Bis(2-Chloroethoxy)methane	9.88	93	4265	0.285	ng/ul#	1
28) Naphthalene	10.51	128	29158	0.768	ng/ul	98
30) 4-Chloroaniline	10.65	127	90091	7.307	ng/ul	97
32) Caprolactam	11.66	113	844	0.276	ng/ul#	3
34) 2-Methylnaphthalene	12.13	142	19168	0.680	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	814	0.054	ng/ul#	71
40) 1,1'-Biphenyl	13.16	154	7998	0.245	ng/ul#	89
42) 2-Nitroaniline	13.37	65	424	0.079	ng/ul#	9
44) Dimethylphthalate	13.79	163	107017	3.445	ng/ul	99

Quantitation Report (Not Reviewed)

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Sample : K3893-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 29 04:48:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2,6-Dinitrotoluene	13.80	165	1224	0.237 ng/ul#	21
47) Acenaphthylene	14.05	152	72499	1.902 ng/ul	99
49) Acenaphthene	14.39	153	12604	0.474 ng/ul	92
52) 4-Nitrophenol	14.56	109	69	0.017 ng/ul#	43
53) Dibenzofuran	14.73	168	25066	0.642 ng/ul	97
54) 2,4-Dinitrotoluene	14.73	165	701	0.087 ng/ul#	1
56) Diethylphthalate	15.16	149	3365	0.114 ng/ul#	89
58) Fluorene	15.38	166	18235	0.584 ng/ul#	96
60) 4-Nitroaniline	15.33	138	118	0.028 ng/ul#	1
64) N-Nitrosodiphenylamine	15.59	169	2808	0.123 ng/ul#	56
65) 4-Bromophenyl-phenylether	16.37	248	781	0.082 ng/ul#	1
66) Hexachlorobenzene	16.38	284	61866	5.584 ng/ul	97
69) Phenanthrene	17.12	178	246036	5.829 ng/ul	99
71) Anthracene	17.22	178	80554	1.863 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	783	0.060 ng/uL#	72
73) Pentachlorobenzene	14.64	250	3259	0.244 ng/uL#	81
74) Carbazole	17.50	167	29472	0.823 ng/ul#	93
75) Di-n-butylphthalate	18.04	149	38789	0.982 ng/ul#	92
76) Fluoranthene	19.14	202	536021	10.886 ng/ul	99
79) Pyrene	19.51	202	452805	8.815 ng/ul	100
80) Butylbenzylphthalate	20.41	149	31725	2.002 ng/ul#	72
81) 3,3'-Dichlorobenzidine	21.21	252	3785	0.300 ng/ul#	60
82) Benzo(a)anthracene	21.26	228	313010	6.244 ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.18	149	463231	20.305 ng/ul	99
84) Chrysene	21.26	228	313398	6.631 ng/ul	96
86) Di-n-octyl phthalate	22.06	149	10392	0.209 ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	574930	10.011 ng/ul#	90
88) Benzo(k)fluoranthene	22.84	252	574930	10.240 ng/ul#	91
90) Benzo(a)pyrene	23.42	252	372771	6.933 ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.77	276	356938	5.724 ng/ul	98
92) Dibenzo(a,h)anthracene	25.77	278	87657	1.691 ng/ul#	40
93) Benzo(g,h,i)perylene	26.46	276	389801	7.518 ng/ul	97

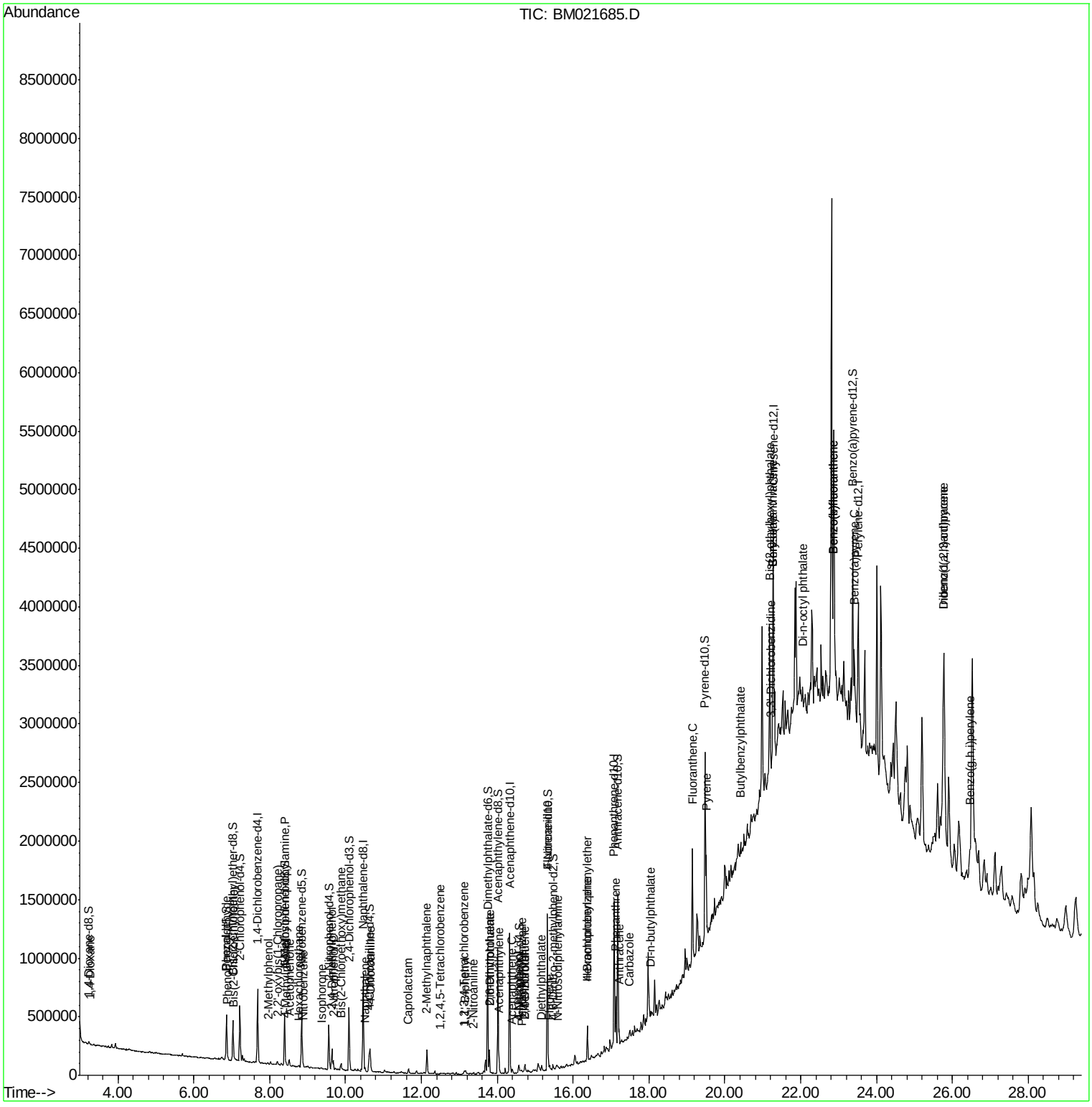
(#) = qualifier out of range (m) = manual integration (+) = signals summed

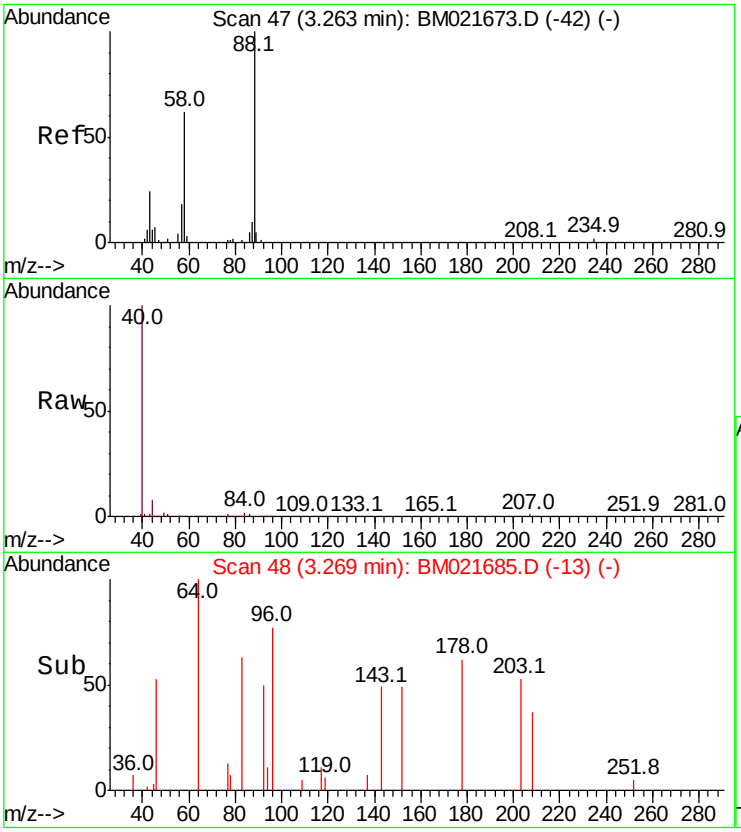
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021685.D
Acq On : 27 Jul 2019 12:31
Operator : HP/JU
Sample : K3893-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 29 04:48:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration



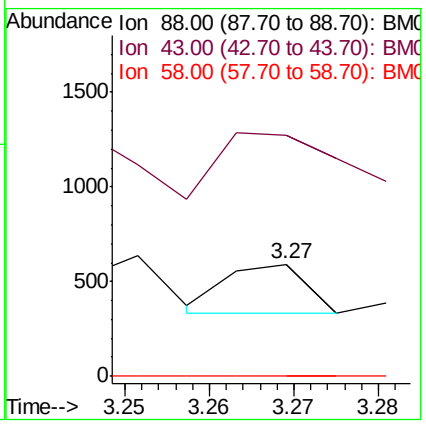


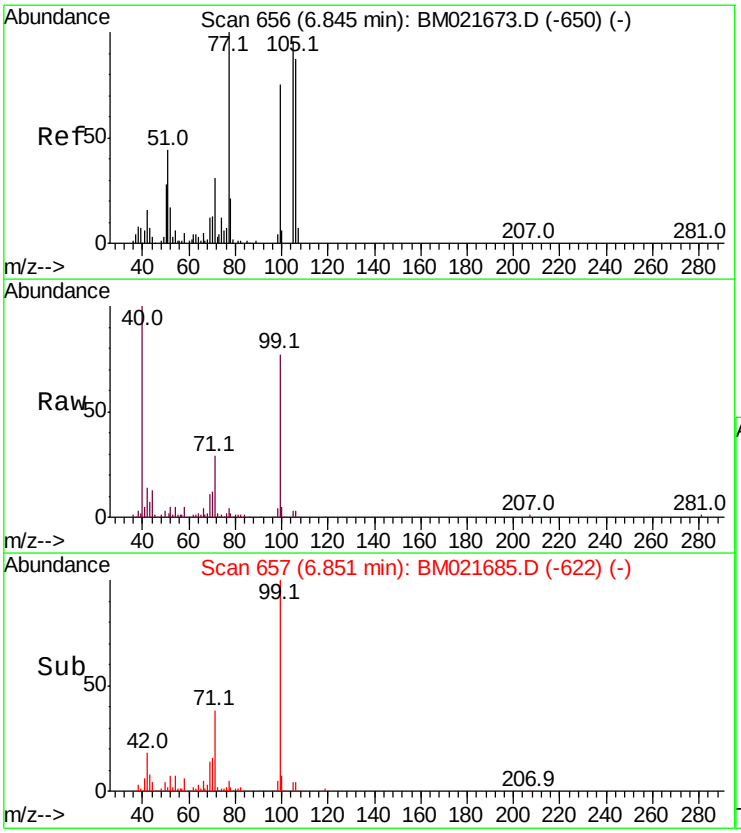
#2
1,4-Dioxane
Concen: 0.047 ng/uL
RT: 3.27 min Scan# 48
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 171

Ion	Ratio	Lower	Upper
88	100		
43	216.1	28.2	42.2#
58	0.0	49.9	74.9#

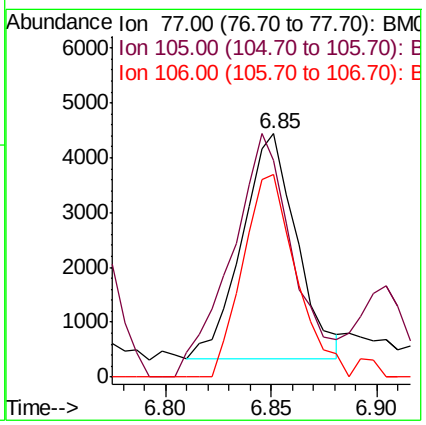


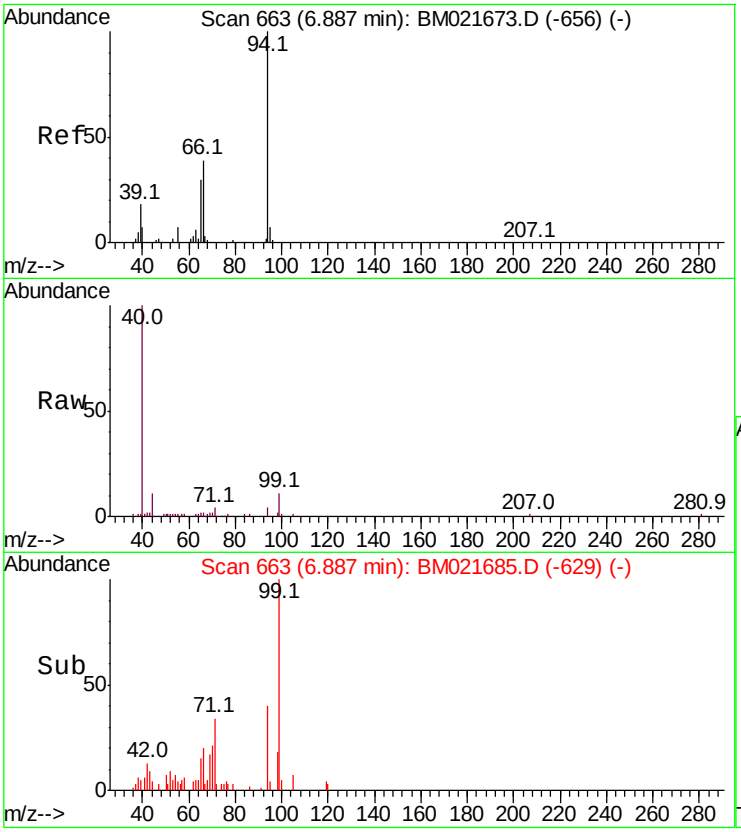


#4
Benzaldehyde
Concen: 1.148 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion: 77 Resp: 7385

Ion	Ratio	Lower	Upper
77	100		
105	89.3	76.6	115.0
106	83.4	69.9	104.9



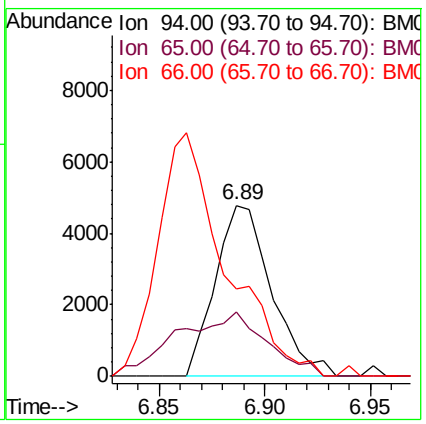


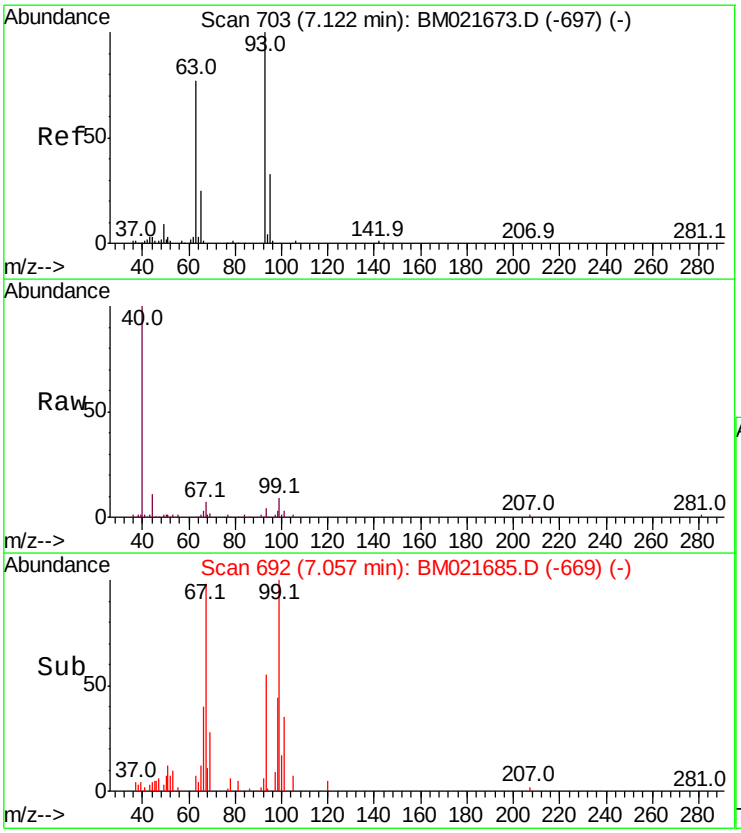
#6
Phenol
Concen: 0.632 ng/ul
RT: 6.89 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 8824

Ion	Ratio	Lower	Upper
94	100		
65	37.8	24.8	37.2#
66	50.9	33.0	49.4#

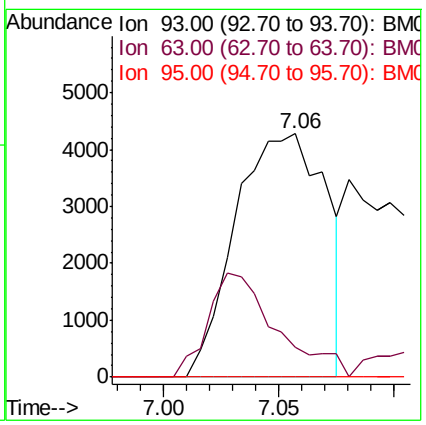


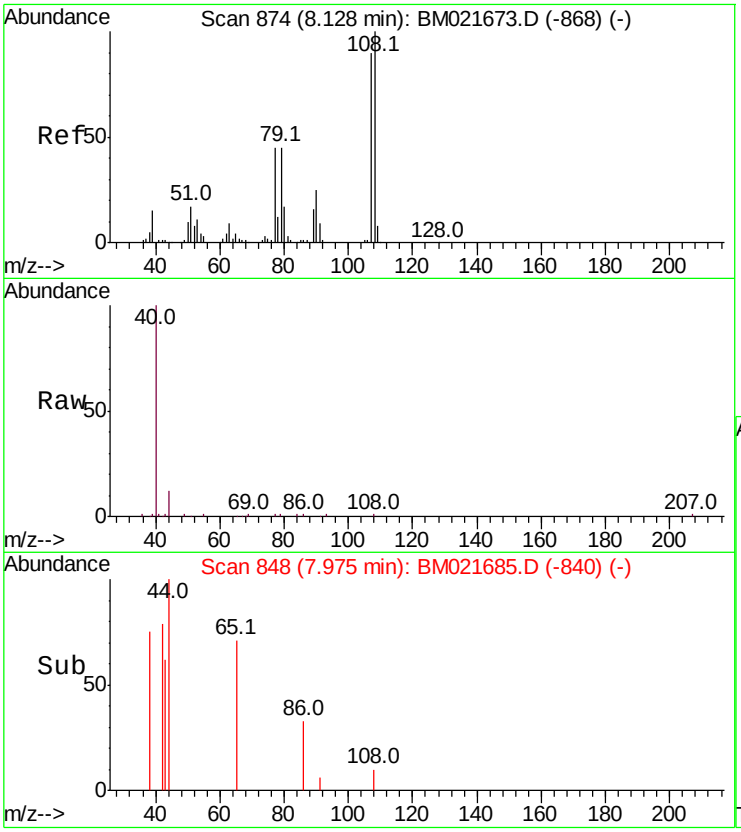


#8
Bis(2-Chloroethyl)ether
Concen: 1.119 ng/ul
RT: 7.06 min Scan# 692
Delta R.T. -0.06 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion: 93 Resp: 11728

Ion	Ratio	Lower	Upper
93	100		
63	12.3	61.2	91.8#
95	0.0	26.2	39.4#



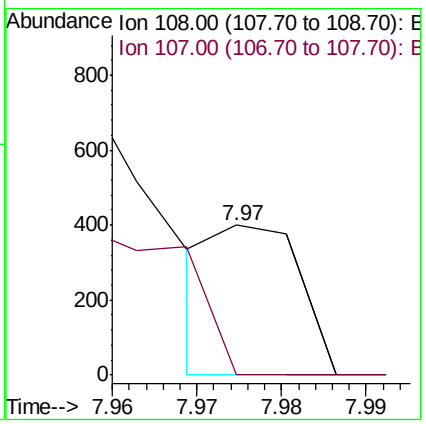


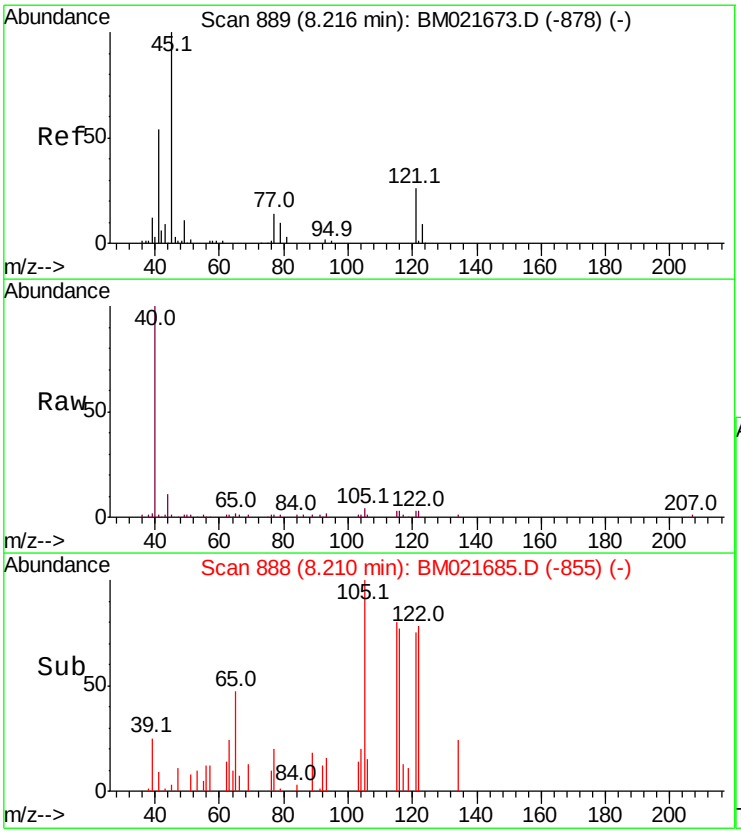
#11
2-Methylphenol
Concen: 0.025 ng/ul
RT: 7.97 min Scan# 848
Delta R.T. -0.15 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 274

Ion	Ratio	Lower	Upper
108	100		
107	0.0	72.2	108.4#

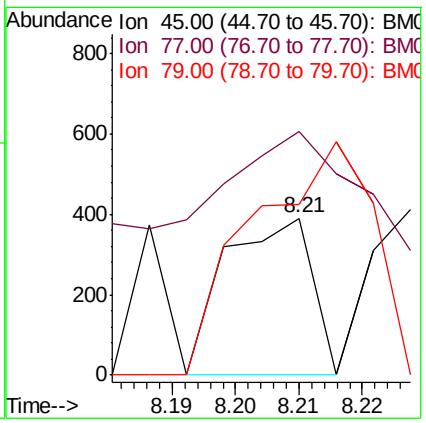


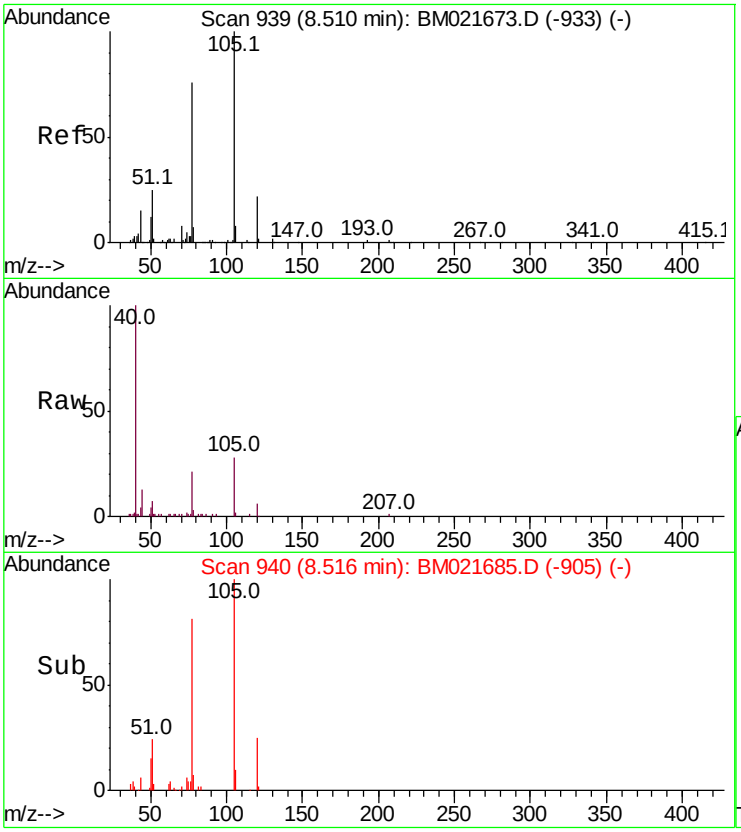


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.027 ng/ul
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion: 45 Resp: 367

Ion	Ratio	Lower	Upper
45	100		
77	155.4	13.8	20.8#
79	109.0	10.8	16.2#



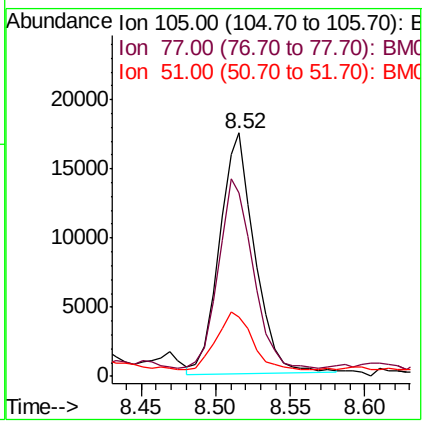


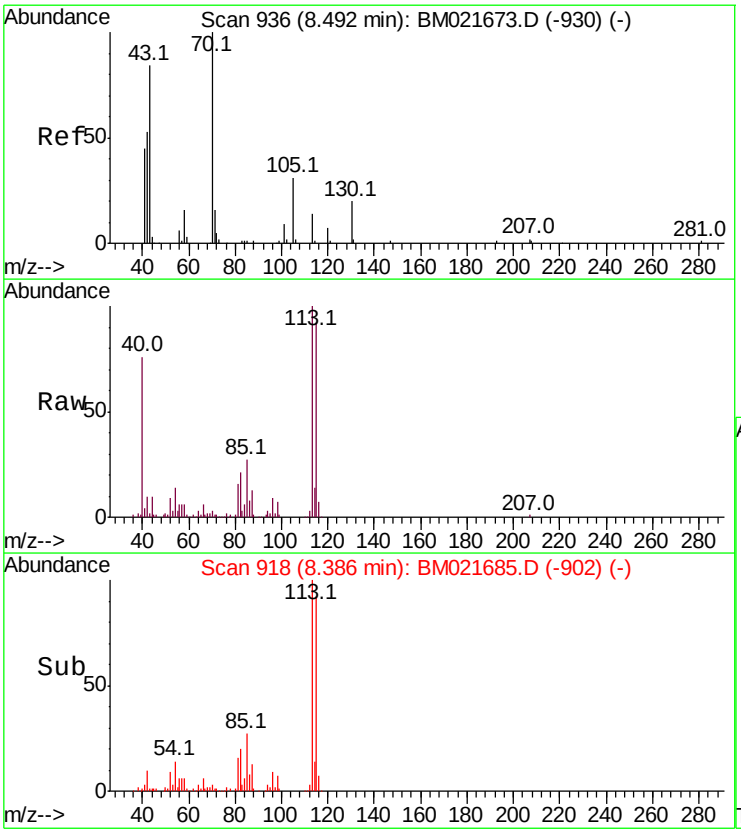
#14
Acetophenone
Concen: 1.571 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 28694

Ion	Ratio	Lower	Upper
105	100		
77	75.3	65.1	97.7
51	24.3	21.3	31.9

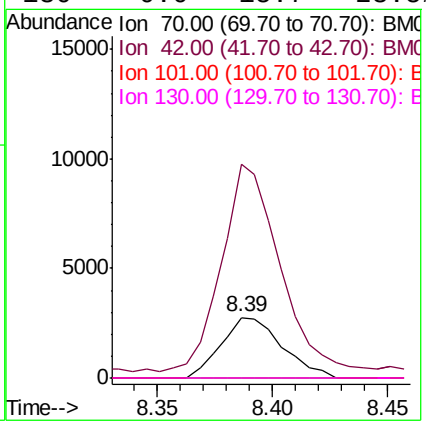


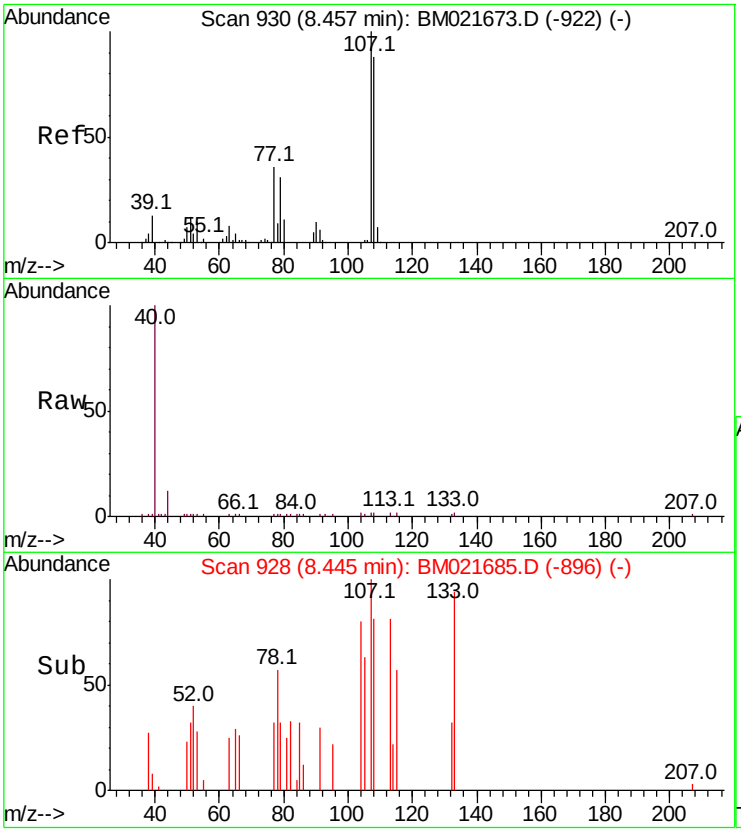


#15
N-Nitroso-di-n-propylamine
Concen: 0.564 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.11 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion: 70 Resp: 5048

Ion	Ratio	Lower	Upper
70	100		
42	354.3	43.2	64.8#
101	0.0	7.0	10.6#
130	0.0	15.7	23.5#



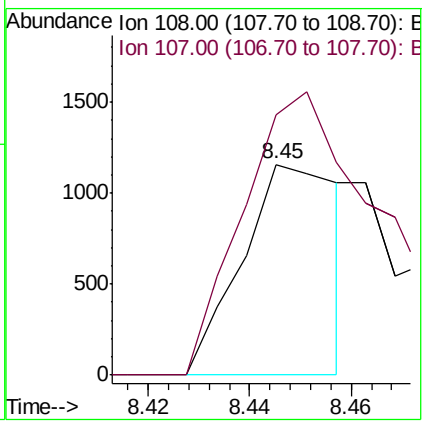


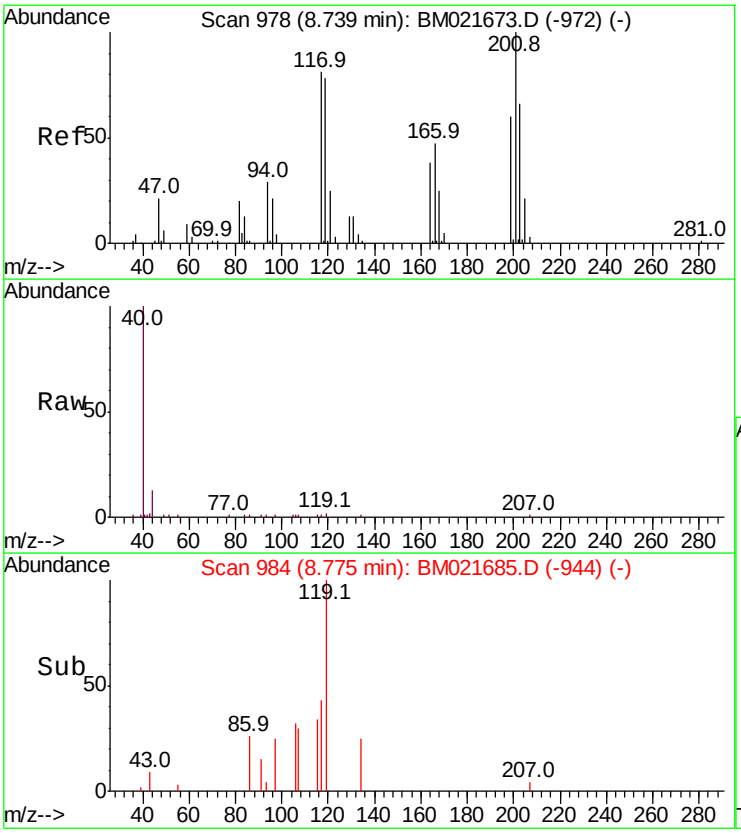
#16
4-Methylphenol
Concen: 0.129 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 1537

Ion	Ratio	Lower	Upper
108	100		
107	123.7	91.2	136.8

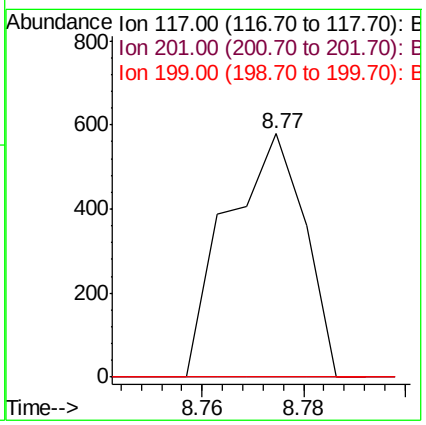


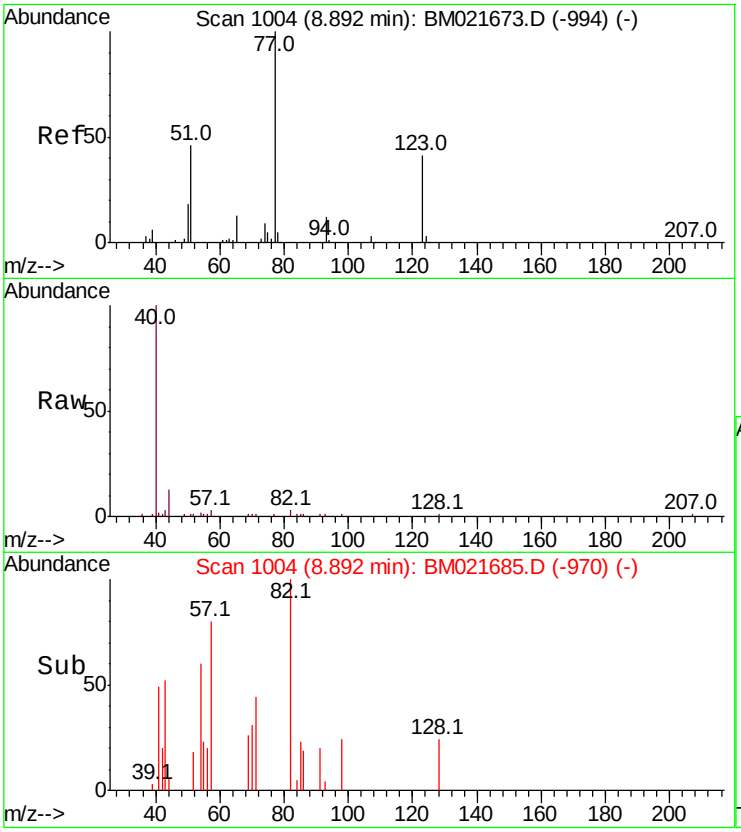


#17
Hexachloroethane
Concen: 0.115 ng/ul
RT: 8.77 min Scan# 984
Delta R.T. 0.04 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:117 Resp: 612

Ion	Ratio	Lower	Upper
117	100		
201	0.0	99.3	148.9#
199	0.0	60.0	90.0#



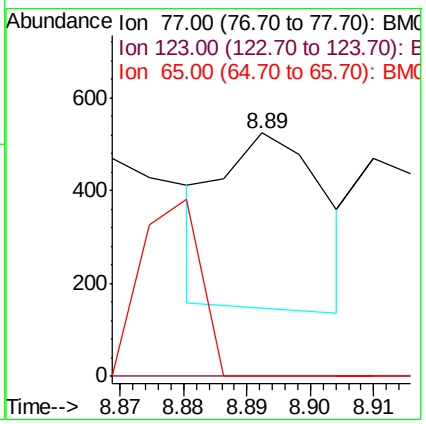


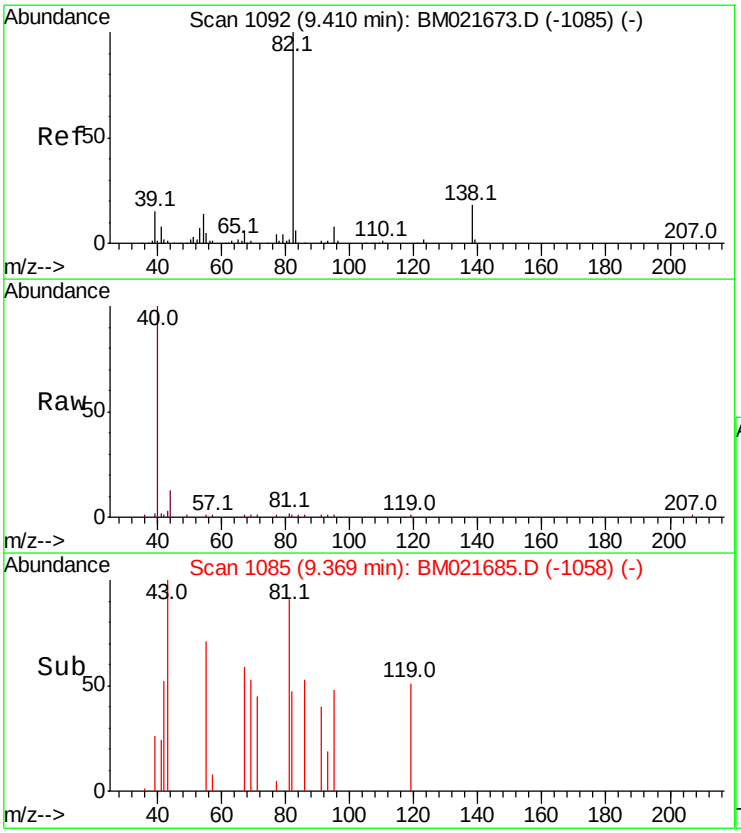
#20
Nitrobenzene
Concen: 0.031 ng/ul
RT: 8.89 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 423

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	0.0	10.6	15.8#

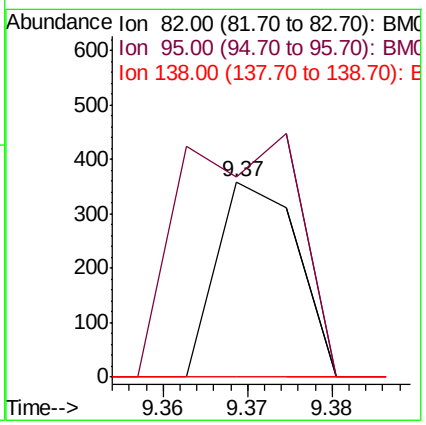


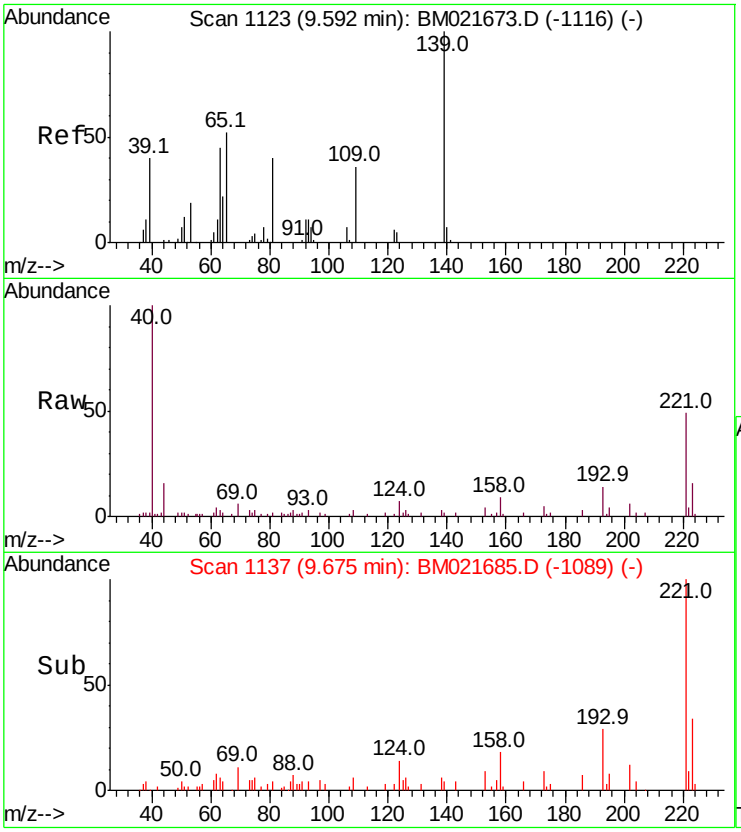


#21
Isophorone
Concen: 0.010 ng/ul
RT: 9.37 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion: 82 Resp: 237

Ion	Ratio	Lower	Upper
82	100		
95	102.2	6.2	9.2#
138	0.0	14.1	21.1#



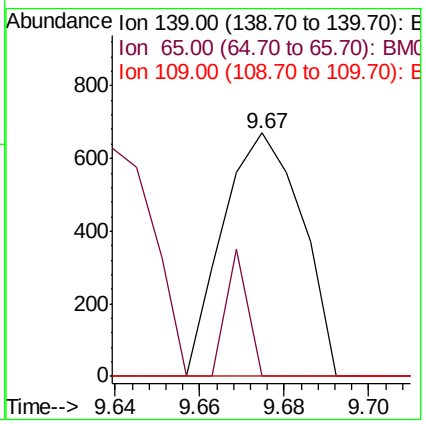


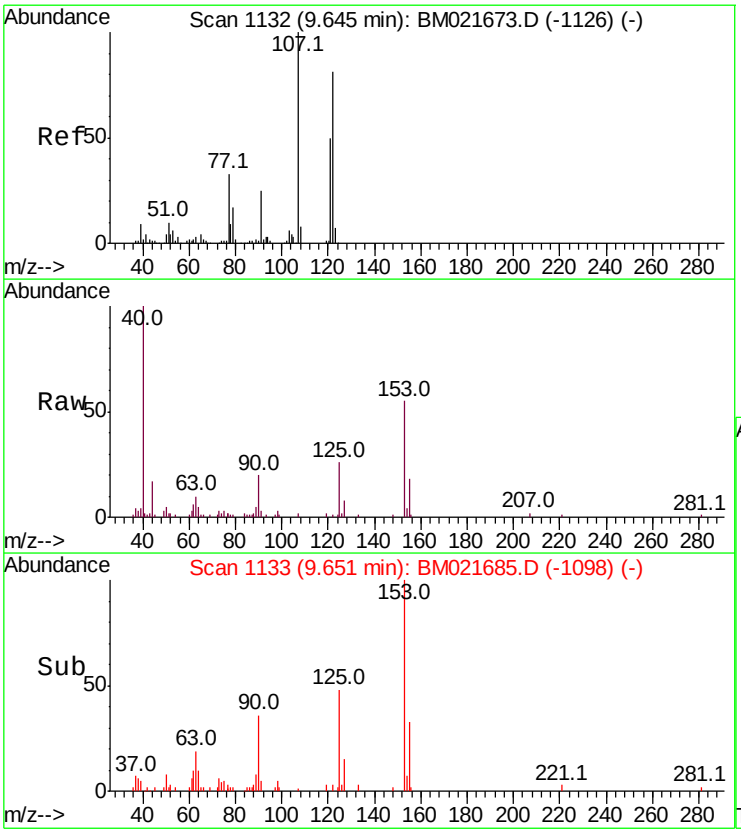
#23
2-Nitrophenol
Concen: 0.136 ng/ul
RT: 9.67 min Scan# 1137
Delta R.T. 0.08 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 870

Ion	Ratio	Lower	Upper
139	100		
65	0.0	43.1	64.7#
109	0.0	28.5	42.7#

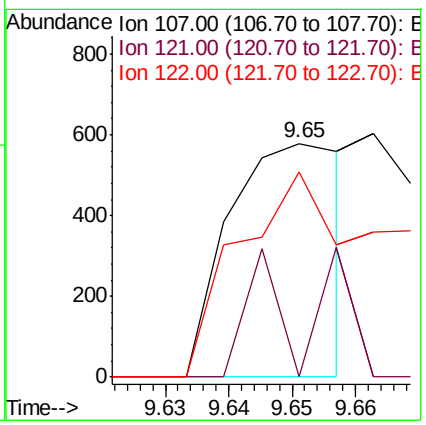


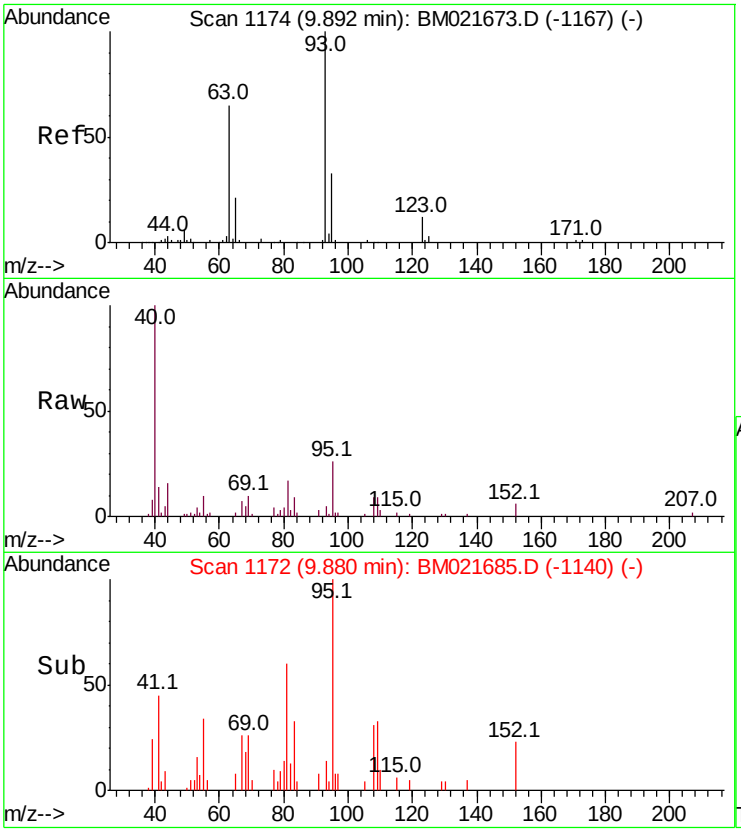


#24
2,4-Dimethylphenol
Concen: 0.054 ng/ul
RT: 9.65 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:107 Resp: 729

Ion	Ratio	Lower	Upper
107	100		
121	0.0	40.2	60.4#
122	88.1	65.7	98.5



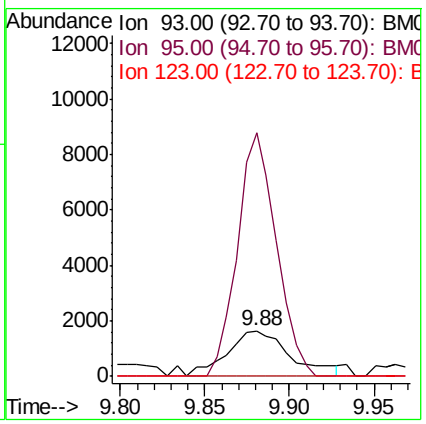


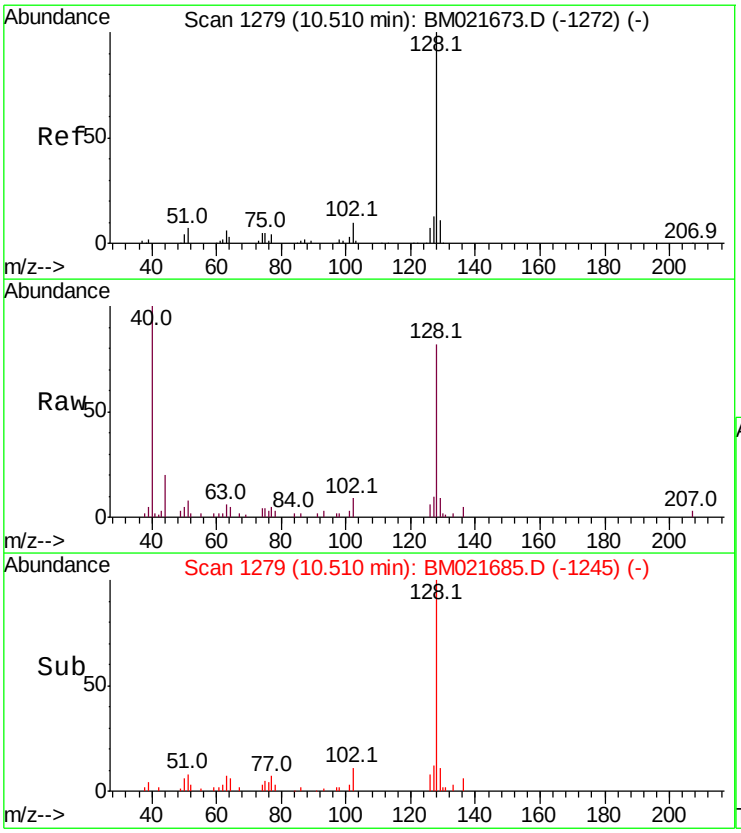
#25
Bis(2-Chloroethoxy)methane
Concen: 0.285 ng/ul
RT: 9.88 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 4265

Ion	Ratio	Lower	Upper
93	100		
95	532.7	26.1	39.1#
123	0.0	9.2	13.8#

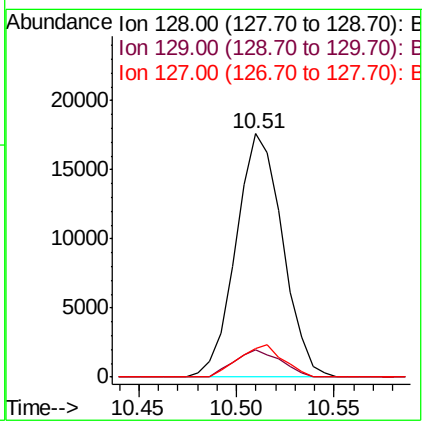


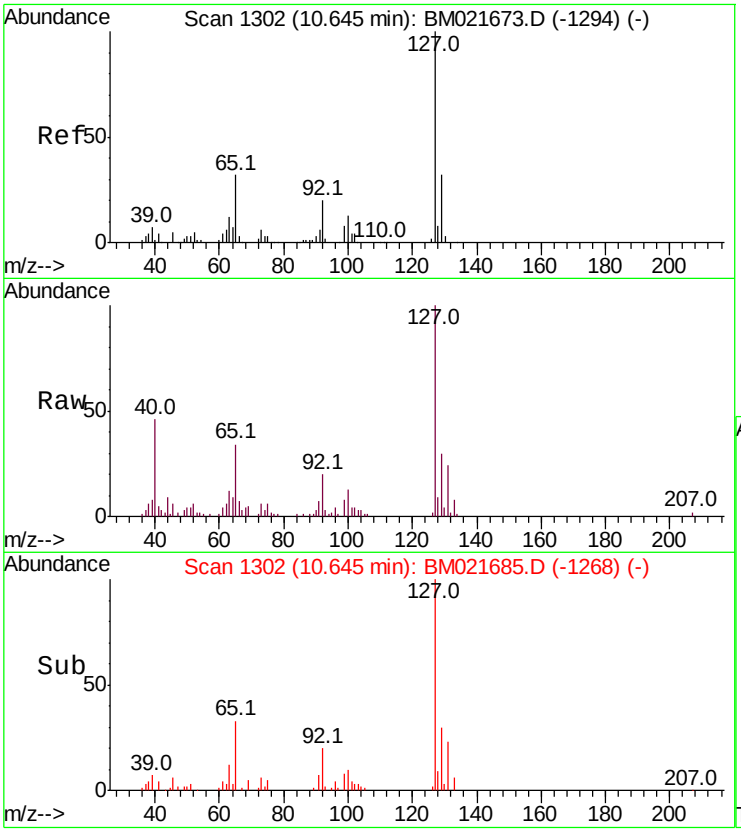


#28
Naphthalene
Concen: 0.768 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:128 Resp: 29158

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	11.5	10.5	15.7



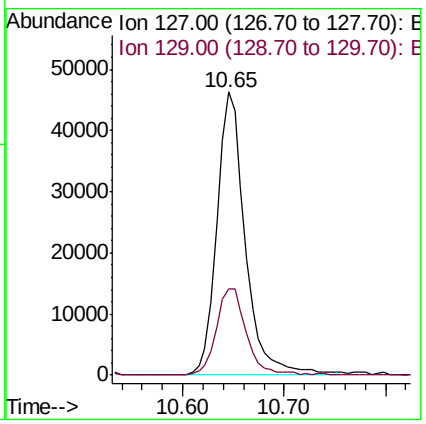


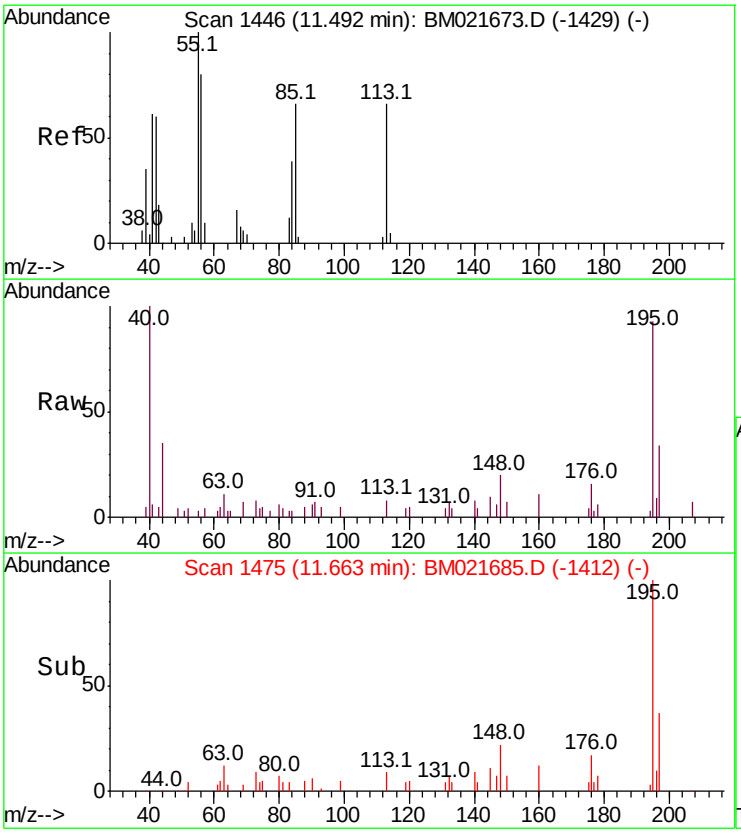
#30
4-Chloroaniline
Concen: 7.307 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 90091

Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.5	38.3

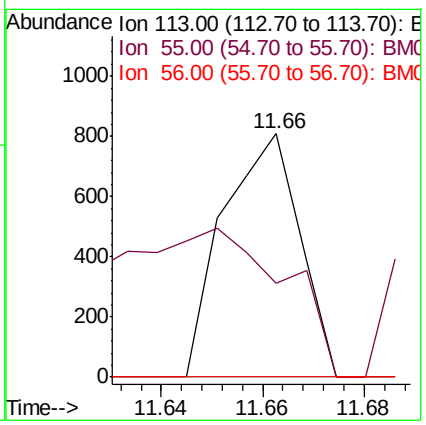


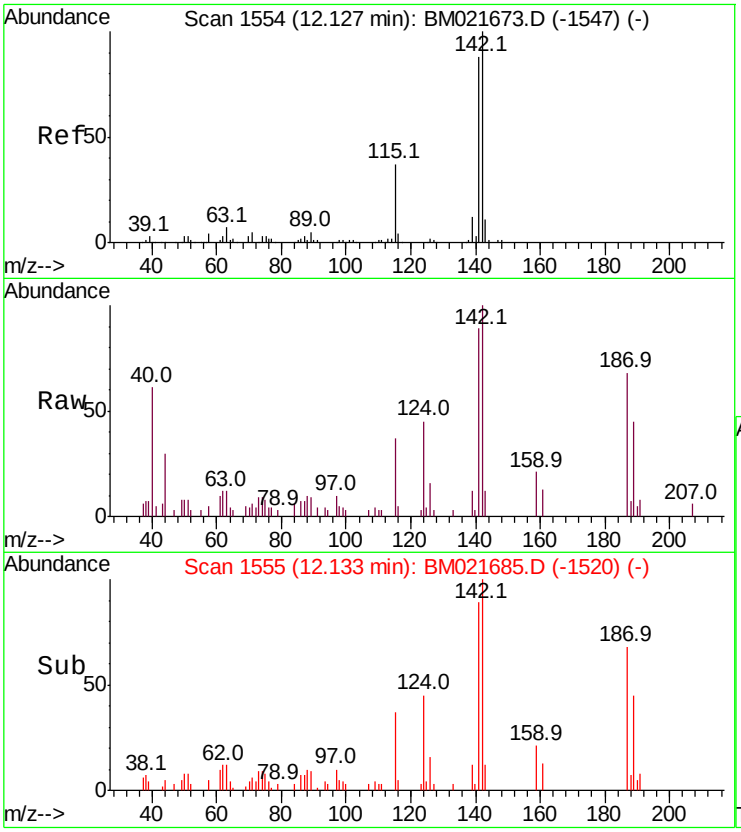


#32
Caprolactam
Concen: 0.276 ng/ul
RT: 11.66 min Scan# 1475
Delta R.T. 0.17 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:113 Resp: 844

Ion	Ratio	Lower	Upper
113	100		
55	38.8	120.7	181.1#
56	0.0	96.4	144.6#



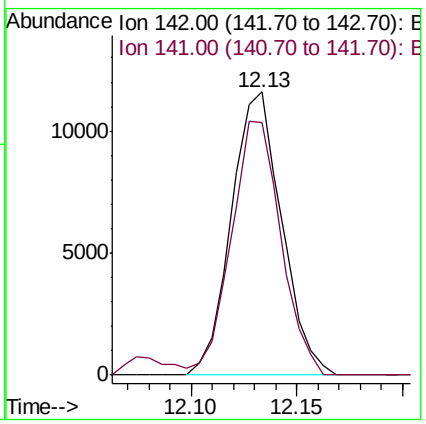


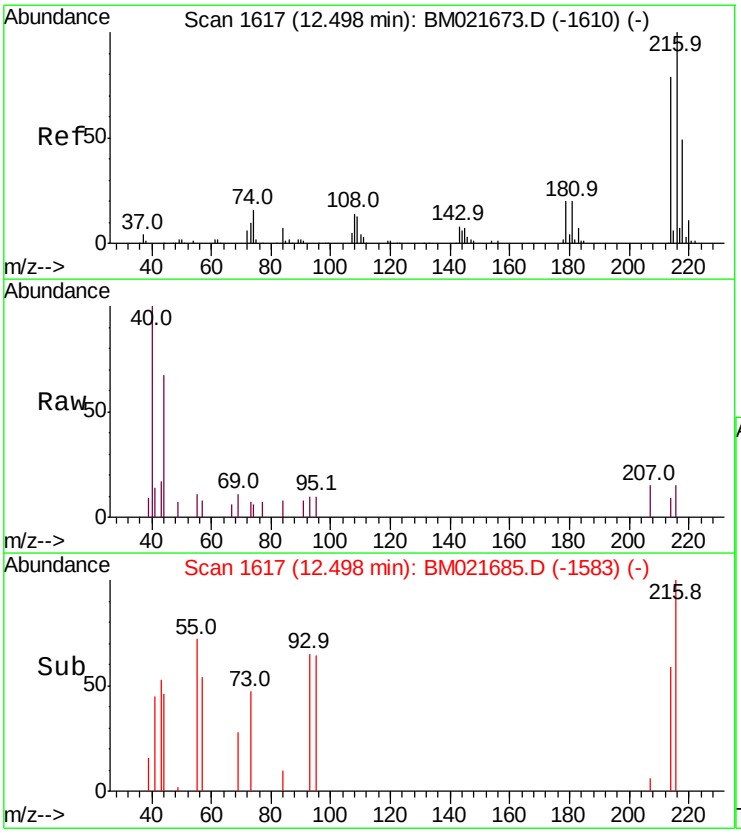
#34
2-Methylnaphthalene
Concen: 0.680 ng/ul
RT: 12.13 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 19168

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6

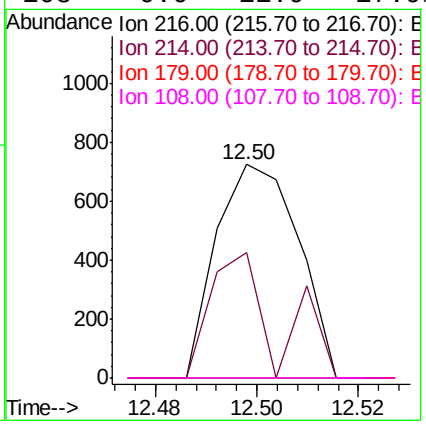


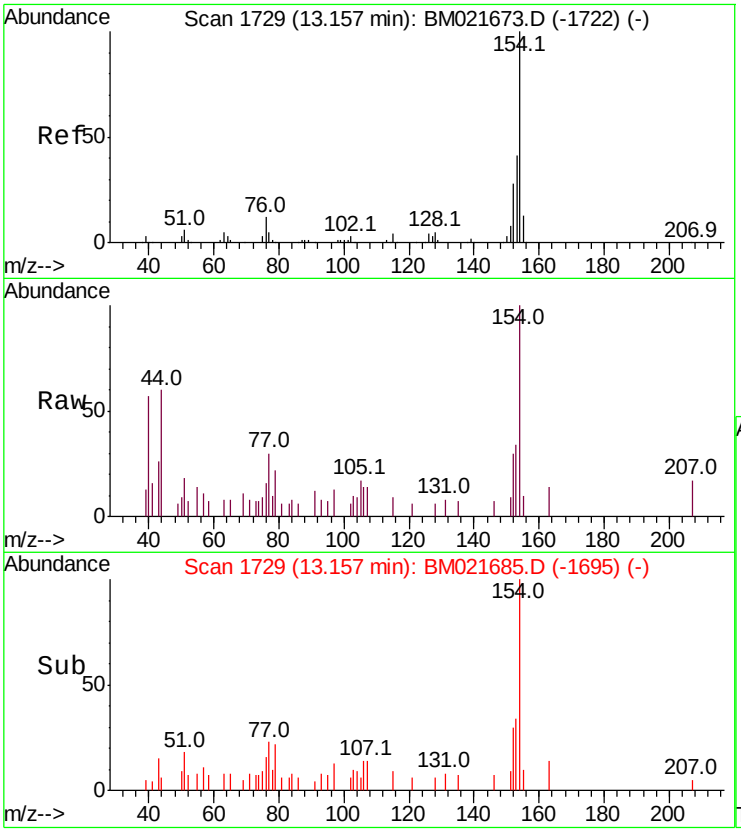


#36
1,2,4,5-Tetrachlorobenzene
Concen: 0.054 ng/ul
RT: 12.50 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:216 Resp: 814

Ion	Ratio	Lower	Upper
216	100		
214	58.8	63.4	95.0#
179	0.0	16.3	24.5#
108	0.0	11.9	17.9#



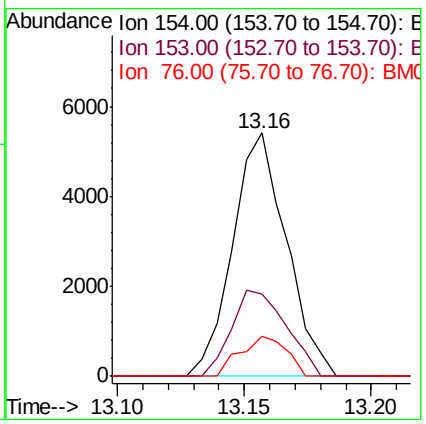


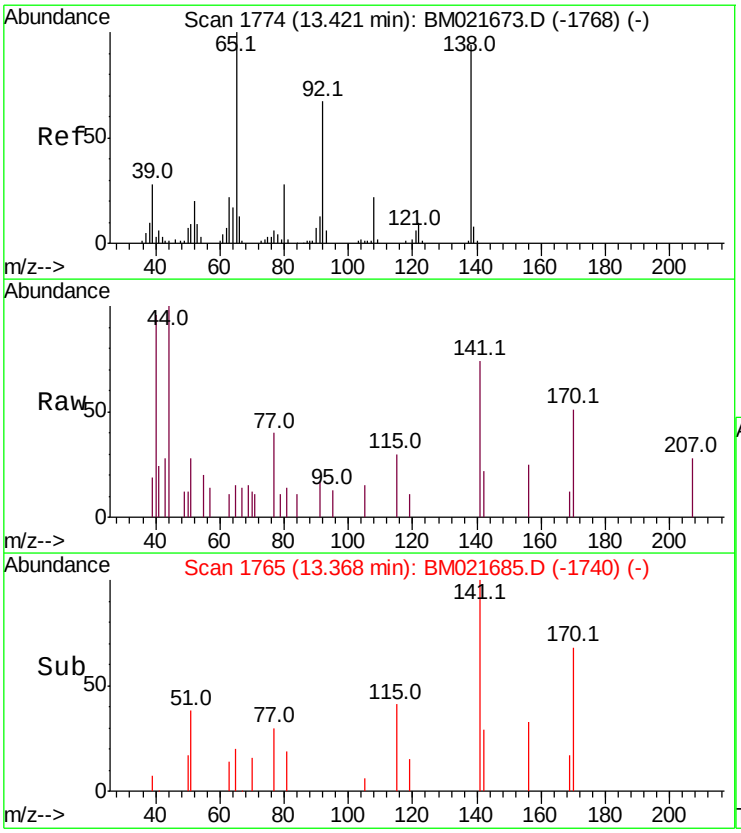
#40
1,1'-Biphenyl
Concen: 0.245 ng/ul
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 7998

Ion	Ratio	Lower	Upper
154	100		
153	34.1	32.6	49.0
76	16.3	9.4	14.2#

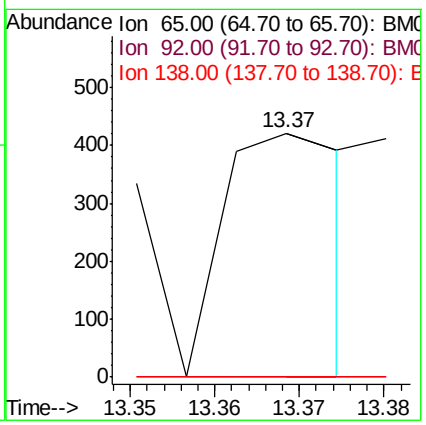


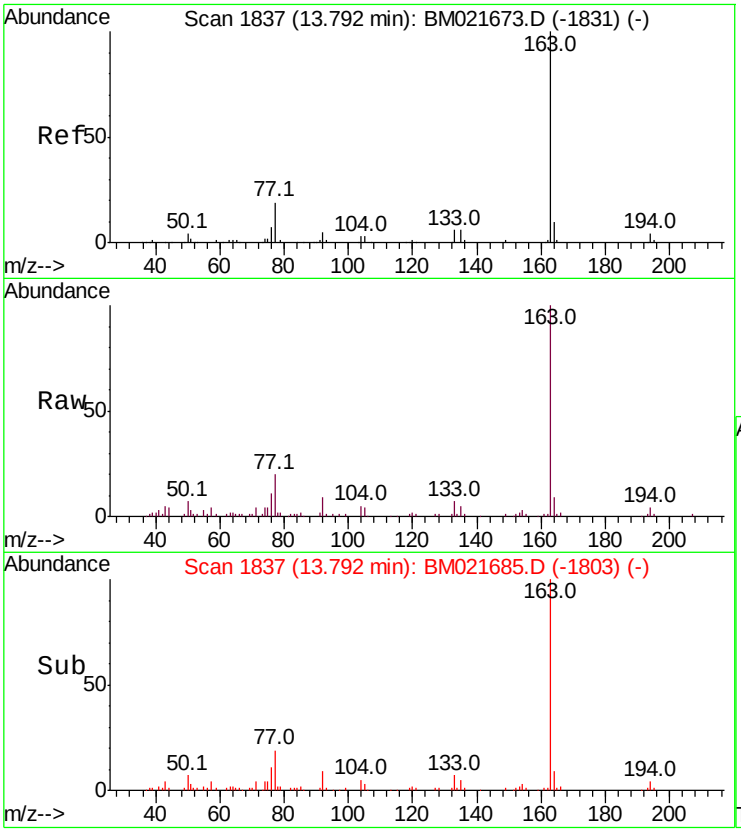


#42
2-Nitroaniline
Concen: 0.079 ng/ul
RT: 13.37 min Scan# 1765
Delta R.T. -0.05 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion: 65 Resp: 424

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.2	79.8#
138	0.0	75.0	112.6#



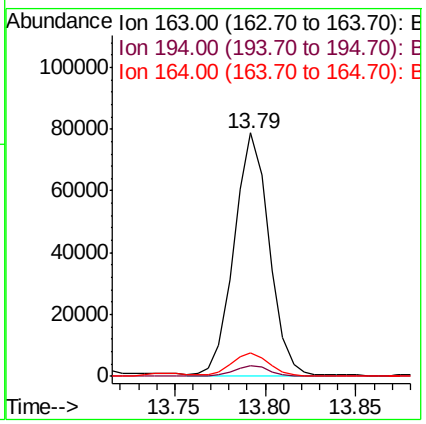


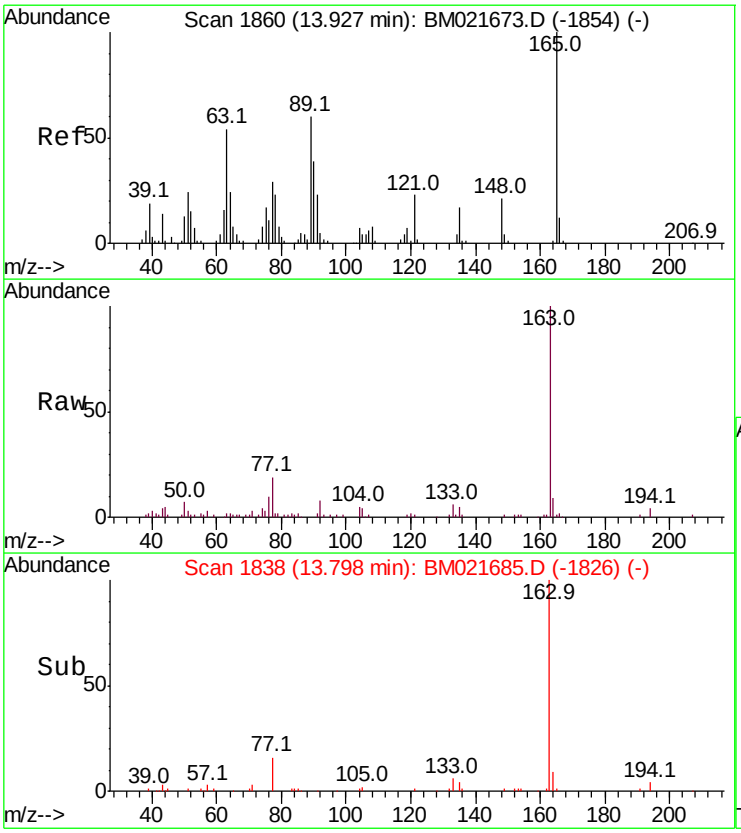
#44
Dimethylphthalate
Concen: 3.445 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 107017

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.4	8.1	12.1

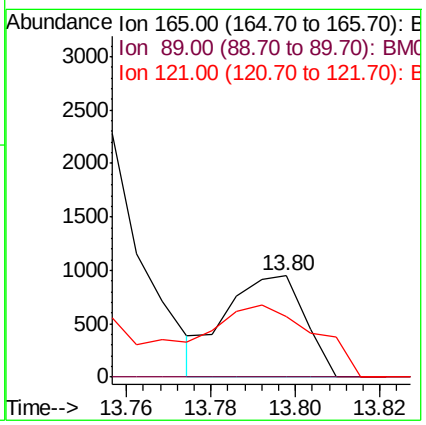


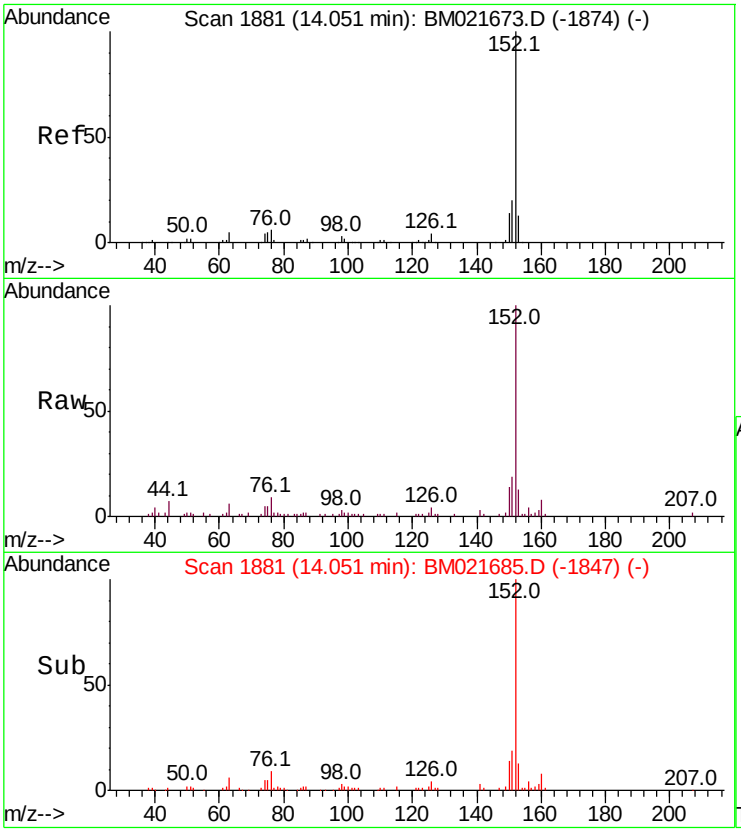


#45
2,6-Dinitrotoluene
Concen: 0.237 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.13 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:165 Resp: 1224

Ion	Ratio	Lower	Upper
165	100		
89	0.0	48.3	72.5#
121	59.4	18.1	27.1#



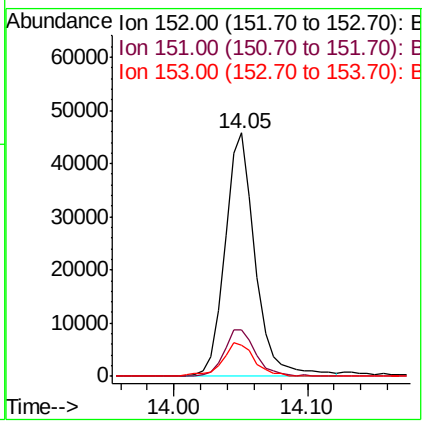


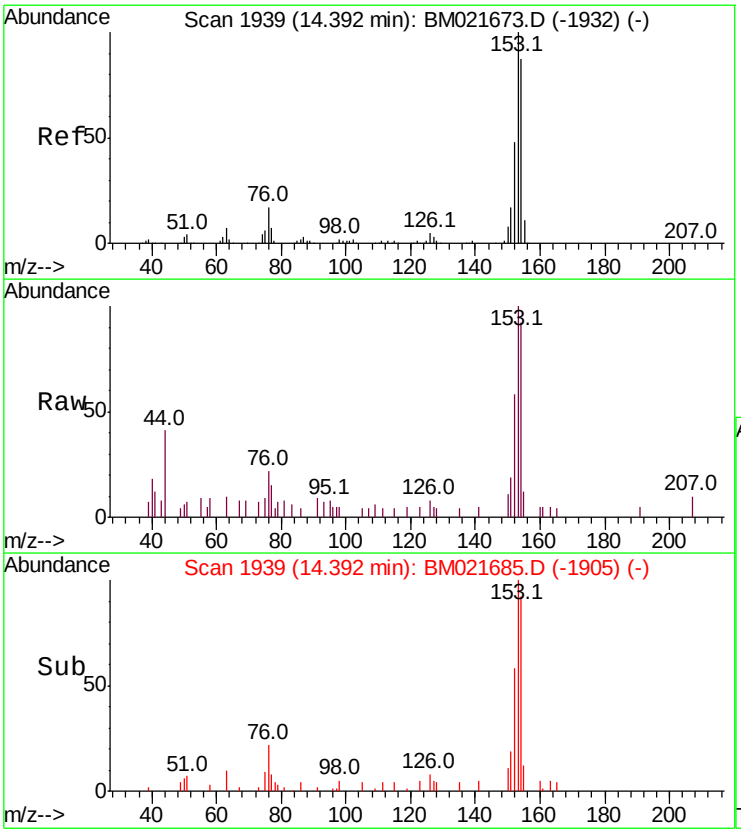
#47
Acenaphthylene
Concen: 1.902 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 72499

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.0	10.4	15.6

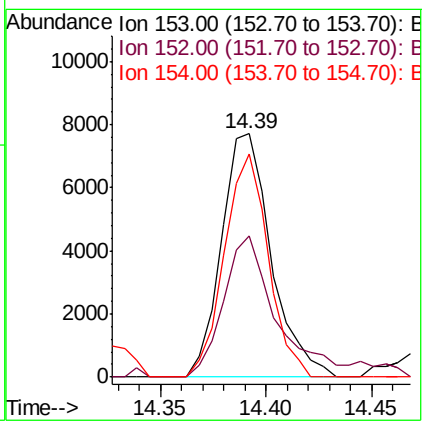


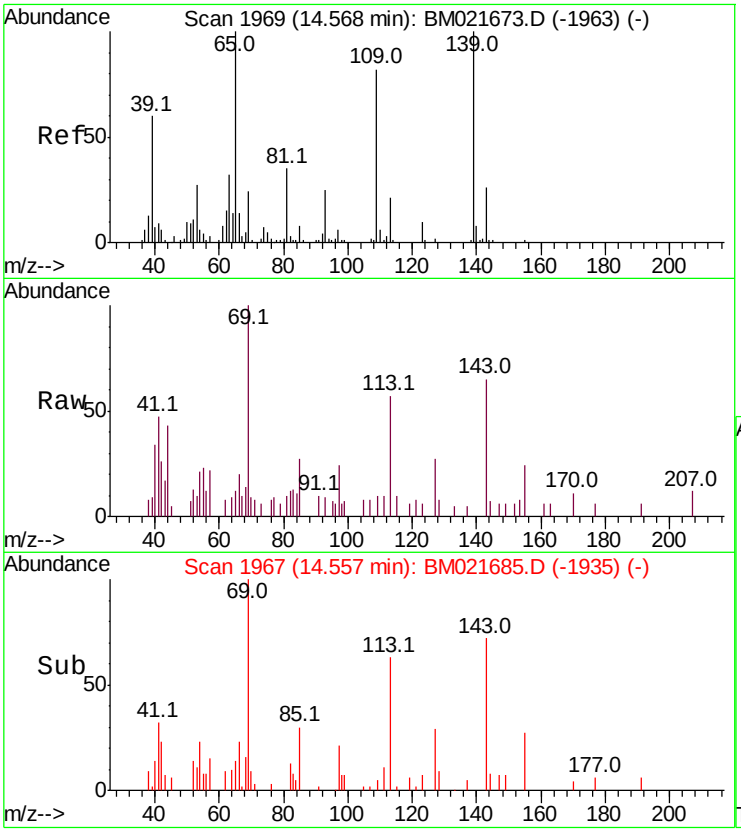


#49
Acenaphthene
Concen: 0.474 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:153 Resp: 12604

Ion	Ratio	Lower	Upper
153	100		
152	57.8	38.7	58.1
154	91.5	69.2	103.8



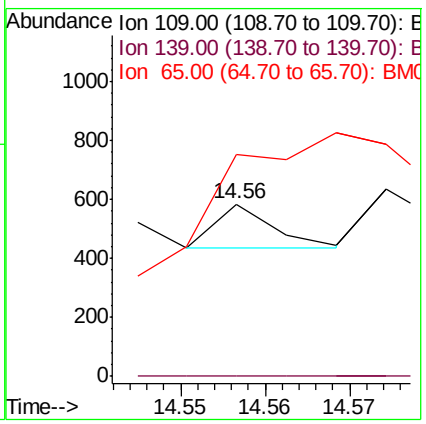


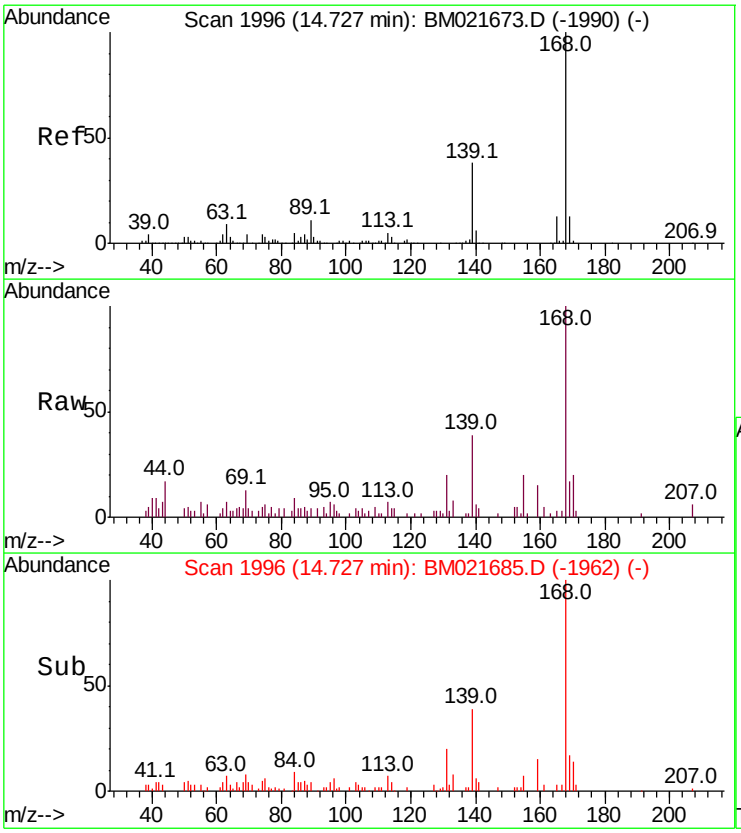
#52
4-Nitrophenol
Concen: 0.017 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 69

Ion	Ratio	Lower	Upper
109	100		
139	0.0	96.6	144.8#
65	128.6	97.8	146.6

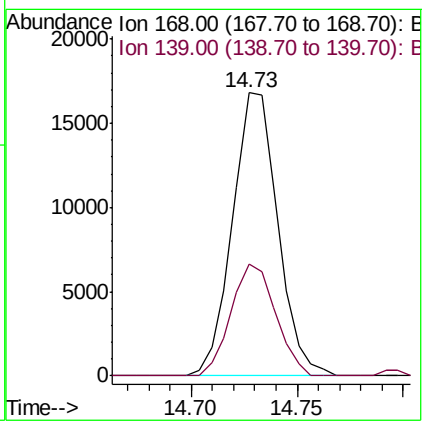


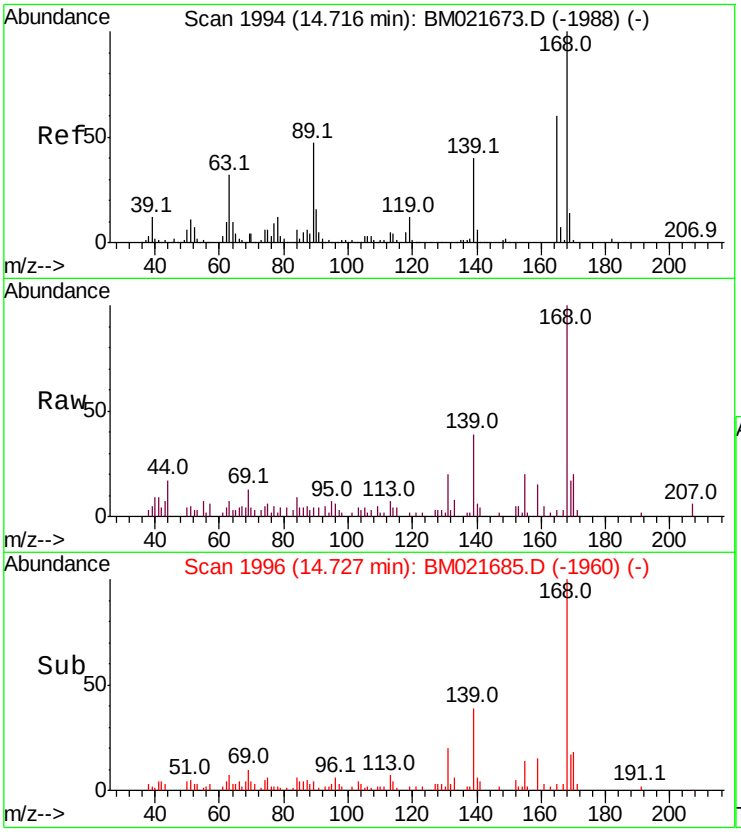


#53
Dibenzofuran
Concen: 0.642 ng/ul
RT: 14.73 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:168 Resp: 25066

Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.3	45.5



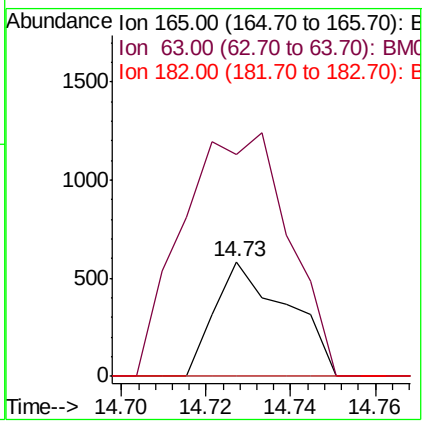


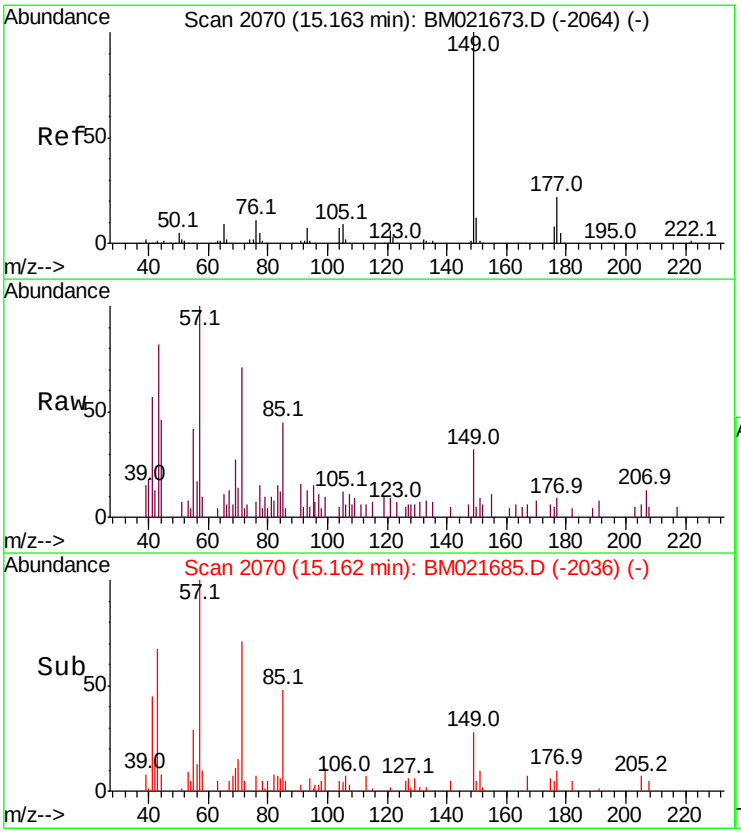
#54
2,4-Dinitrotoluene
Concen: 0.087 ng/ul
RT: 14.73 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 701

Ion	Ratio	Lower	Upper
165	100		
63	194.2	42.7	64.1#
182	0.0	2.3	3.5#

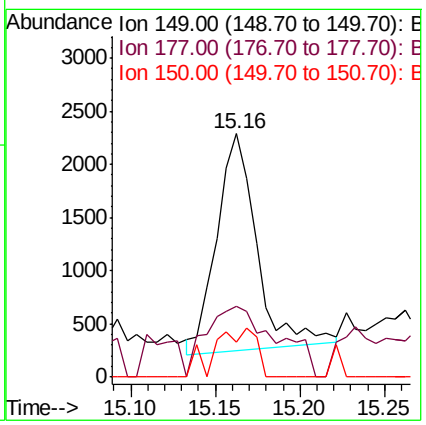


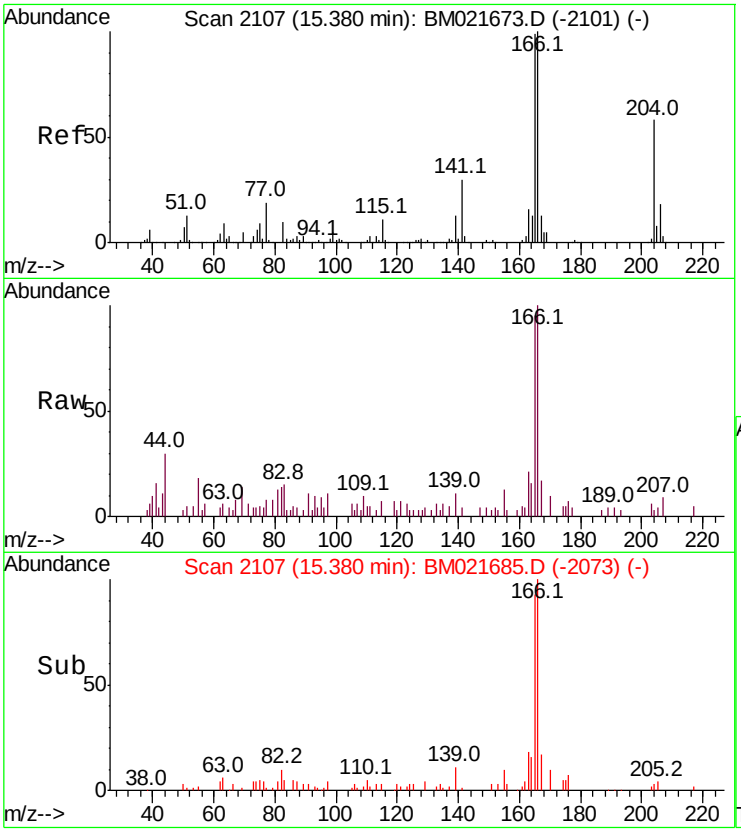


#56
Diethylphthalate
Concen: 0.114 ng/ul
RT: 15.16 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:149 Resp: 3365

Ion	Ratio	Lower	Upper
149	100		
177	29.0	17.8	26.8#
150	14.3	9.8	14.6



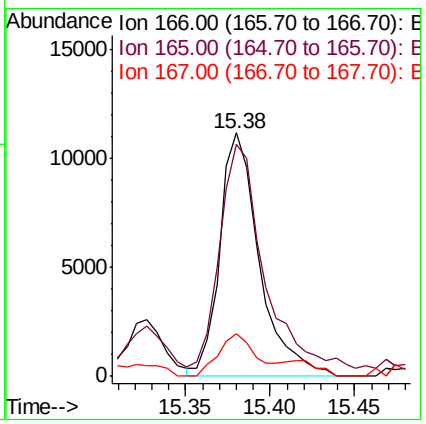


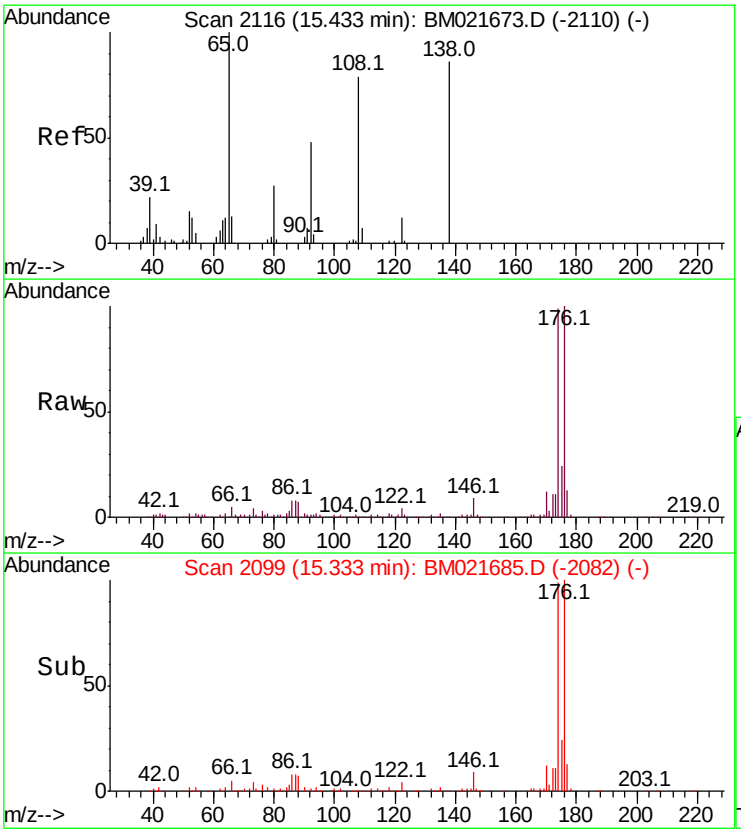
#58
Fluorene
Concen: 0.584 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 18235

Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.0	118.6
167	17.3	10.8	16.2#

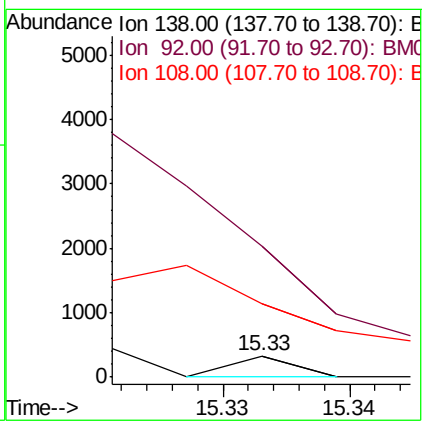


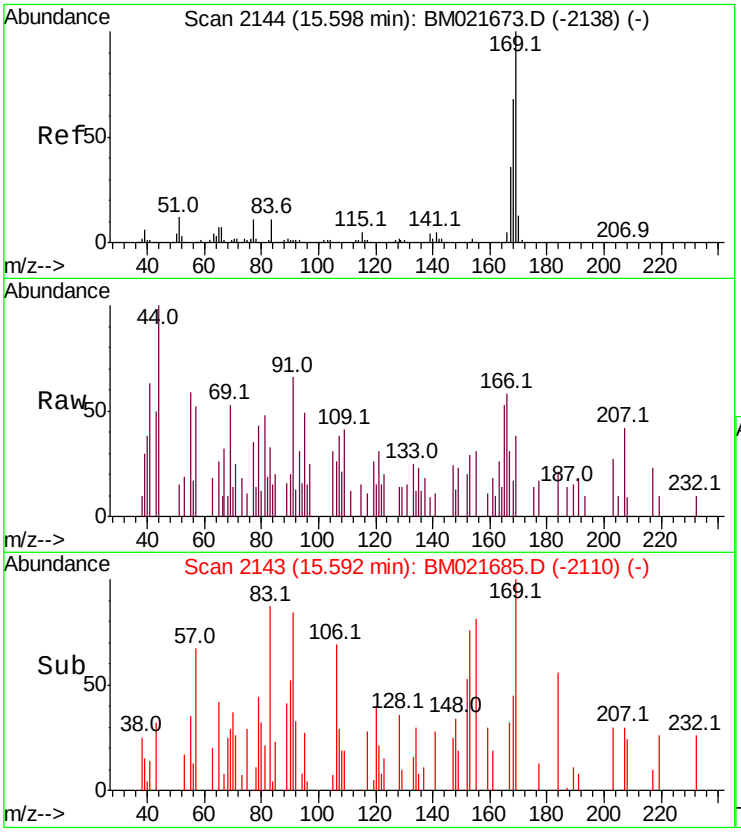


#60
4-Nitroaniline
Concen: 0.028 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.10 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:138 Resp: 118

Ion	Ratio	Lower	Upper
138	100		
92	611.1	43.7	65.5#
108	343.2	72.1	108.1#



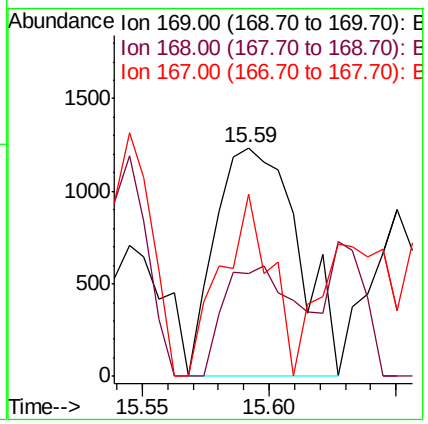


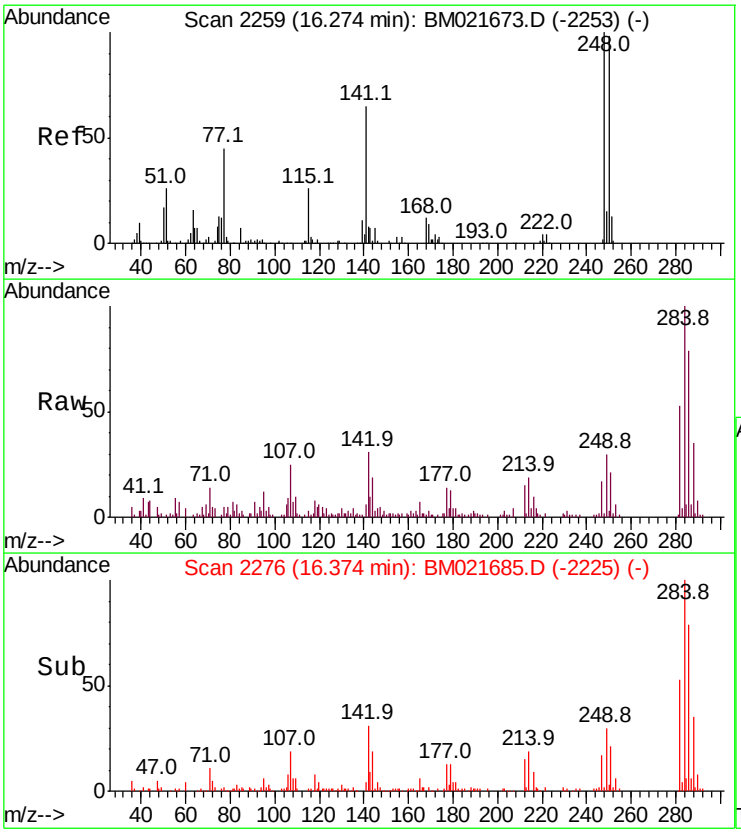
#64
N-Nitrosodiphenylamine
Concen: 0.123 ng/ul
RT: 15.59 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 2808

Ion	Ratio	Lower	Upper
169	100		
168	44.9	54.4	81.6#
167	80.0	29.1	43.7#

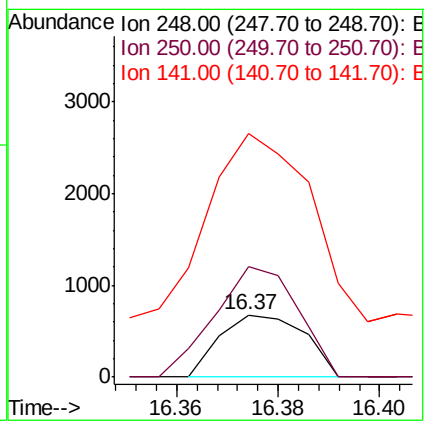


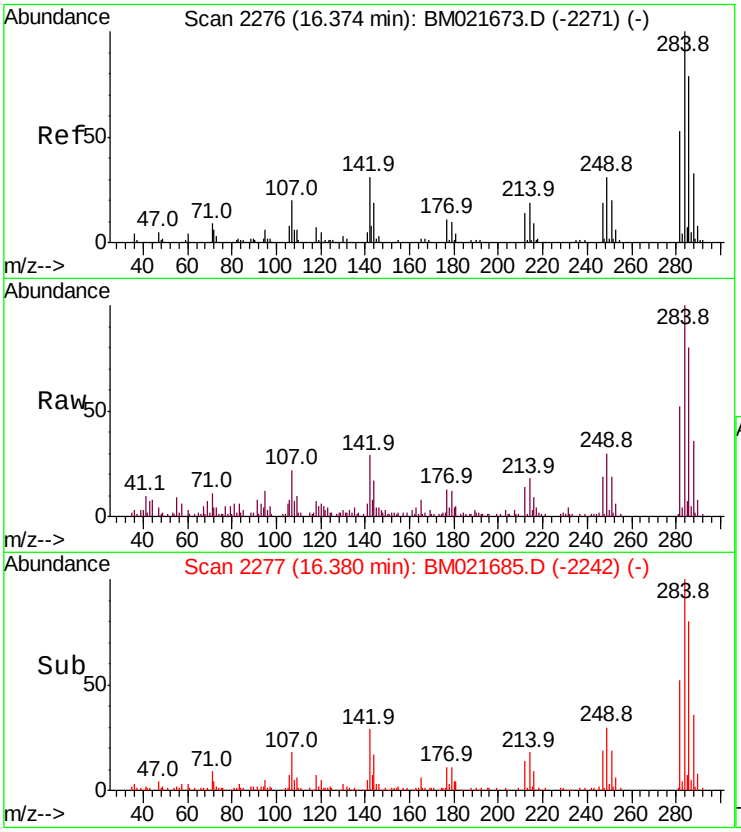


#65
4-Bromophenyl-phenylether
Concen: 0.082 ng/ul
RT: 16.37 min Scan# 2276
Delta R.T. 0.10 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:248 Resp: 781

Ion	Ratio	Lower	Upper
248	100		
250	179.1	78.6	118.0#
141	393.3	52.3	78.5#



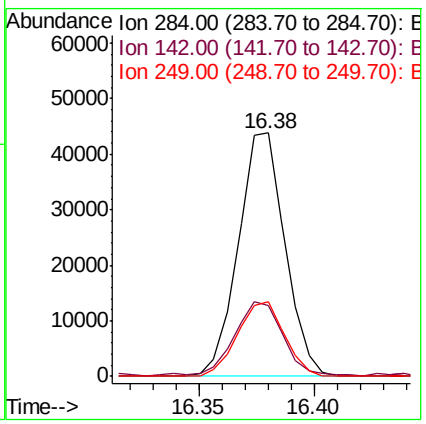


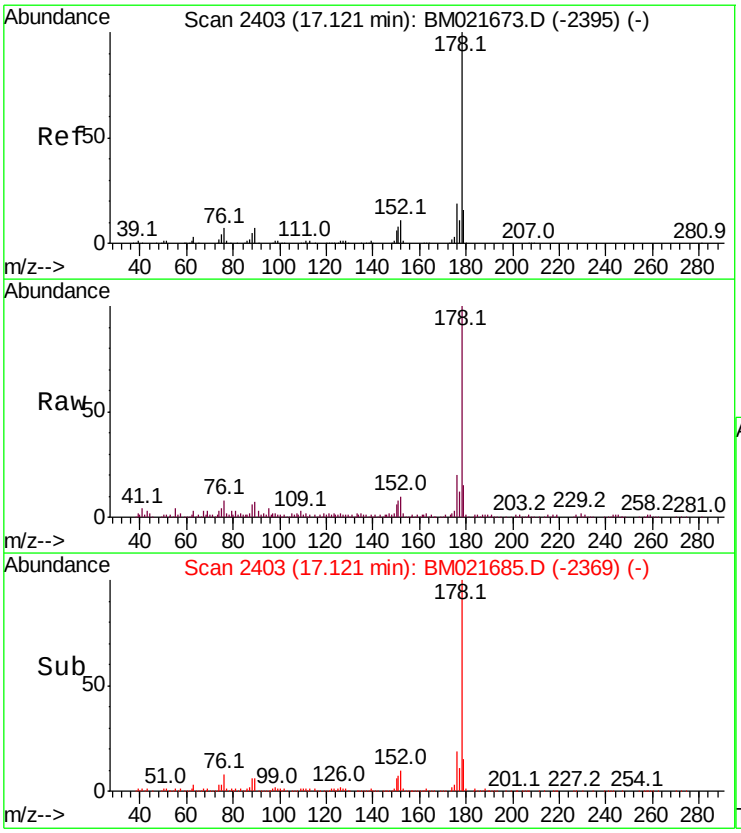
#66
Hexachlorobenzene
Concen: 5.584 ng/ul
RT: 16.38 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 61866

Ion	Ratio	Lower	Upper
284	100		
142	28.8	25.1	37.7
249	30.4	24.6	36.8

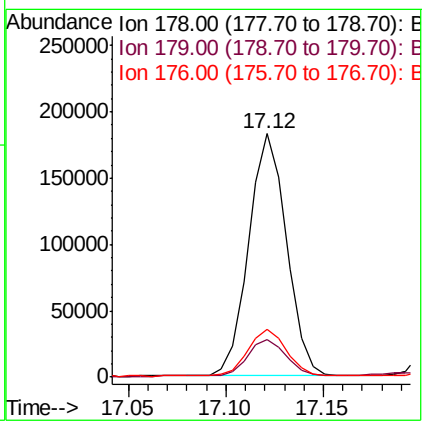


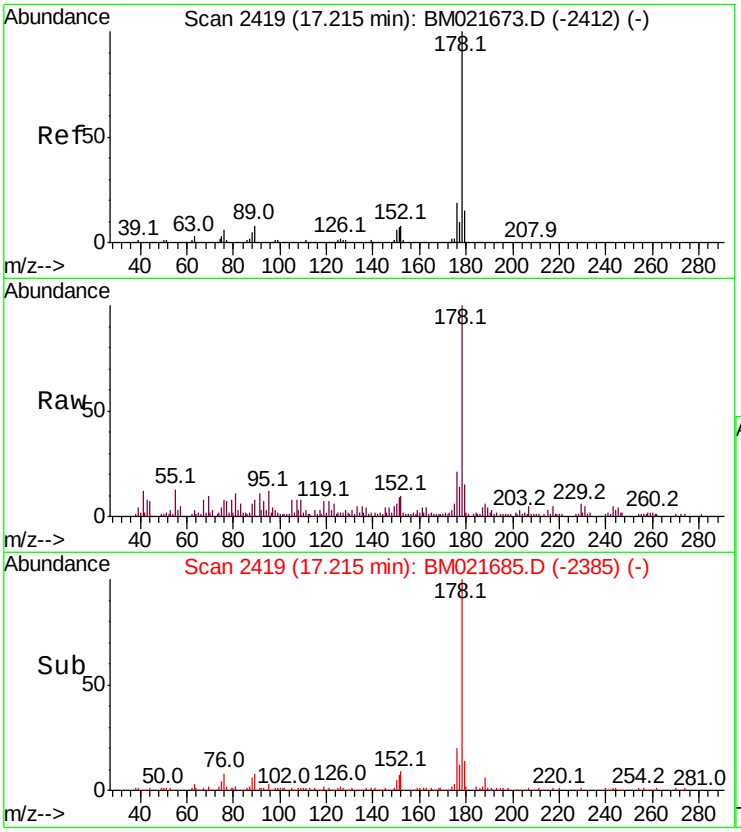


#69
Phenanthrene
Concen: 5.829 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:178 Resp: 246036

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.6	15.4	23.2



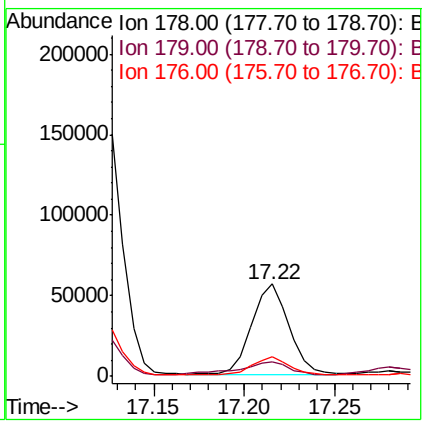


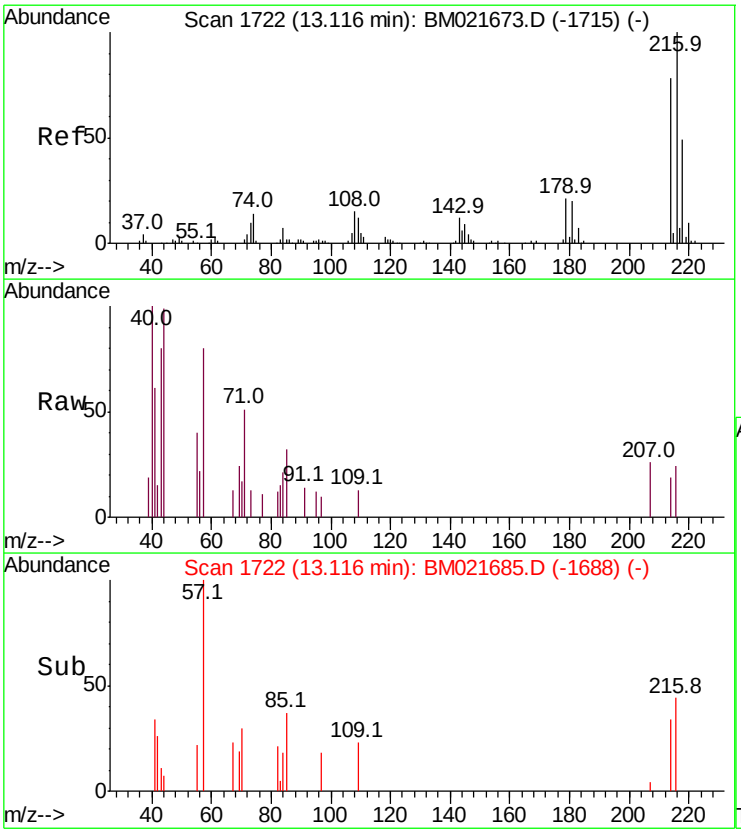
#71
Anthracene
Concen: 1.863 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 80554

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	21.3	14.8	22.2

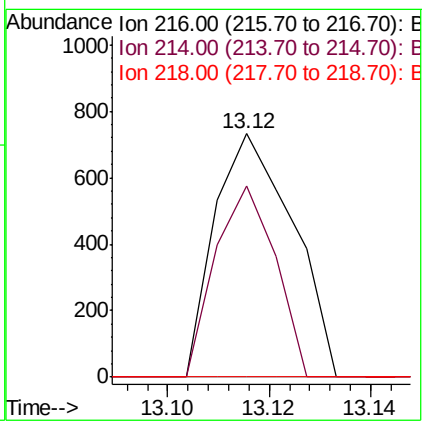


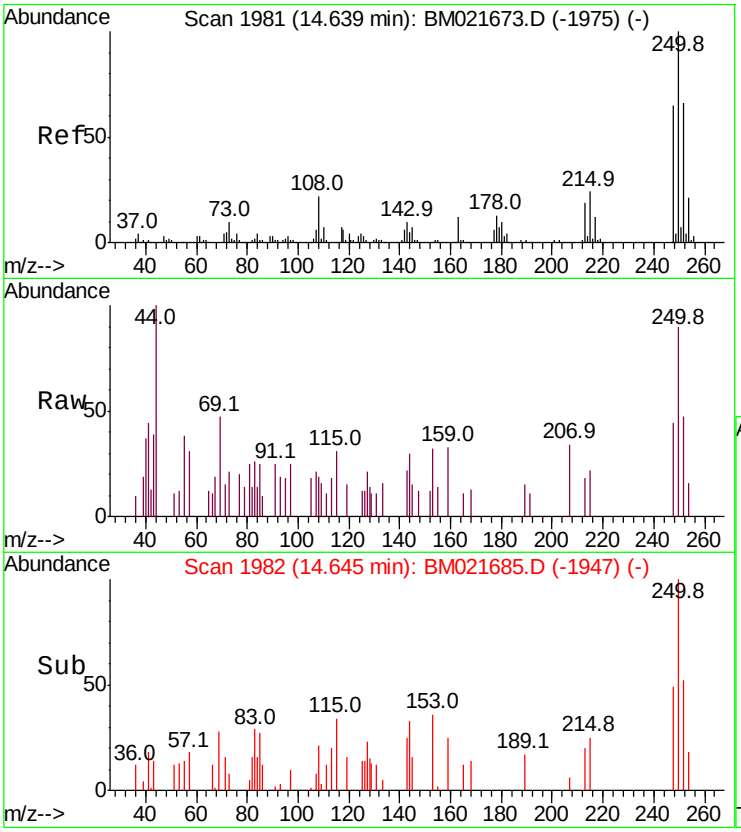


#72
1,2,3,4-Tetrachlorobenzene
Concen: 0.060 ng/uL
RT: 13.12 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:216 Resp: 783

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.8	94.2
218	0.0	39.0	58.6#



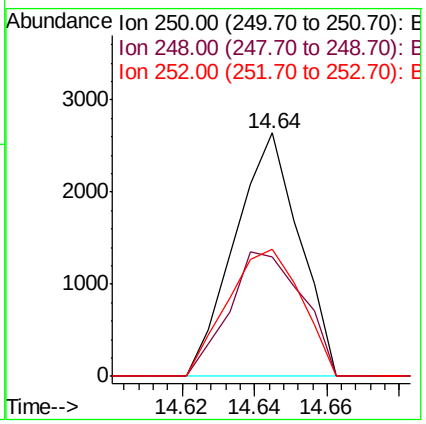


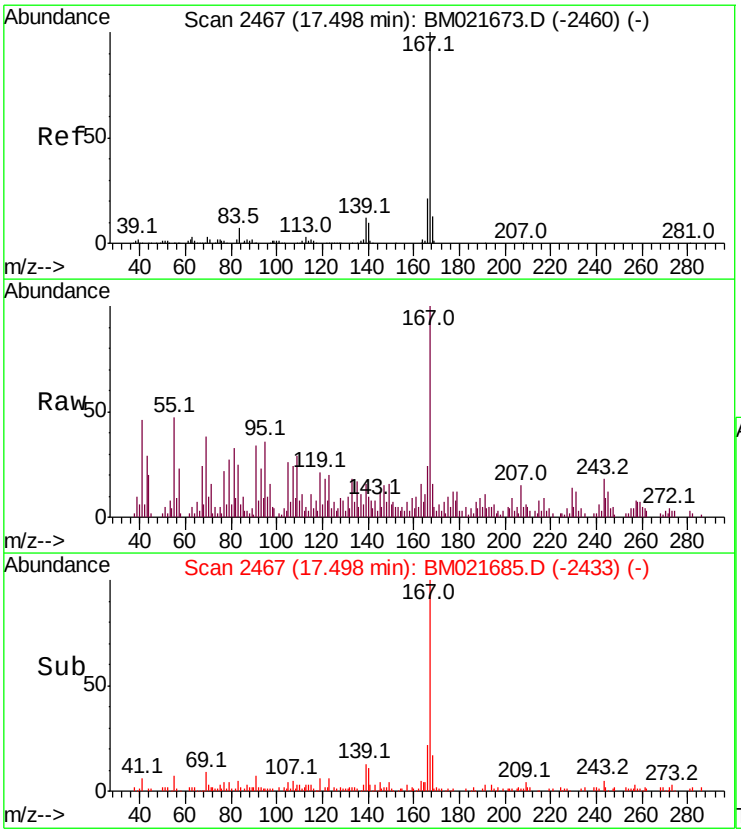
#73
Pentachlorobenzene
Concen: 0.244 ng/uL
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 3259

Ion	Ratio	Lower	Upper
250	100		
248	48.8	51.9	77.9#
252	52.0	52.6	79.0#

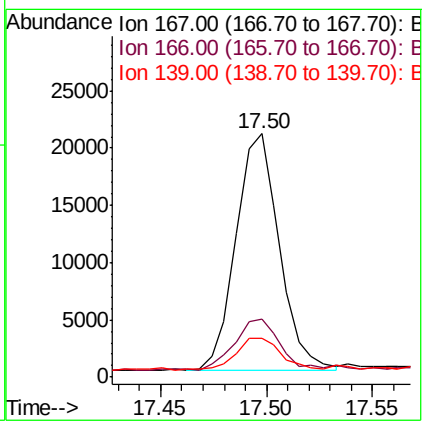


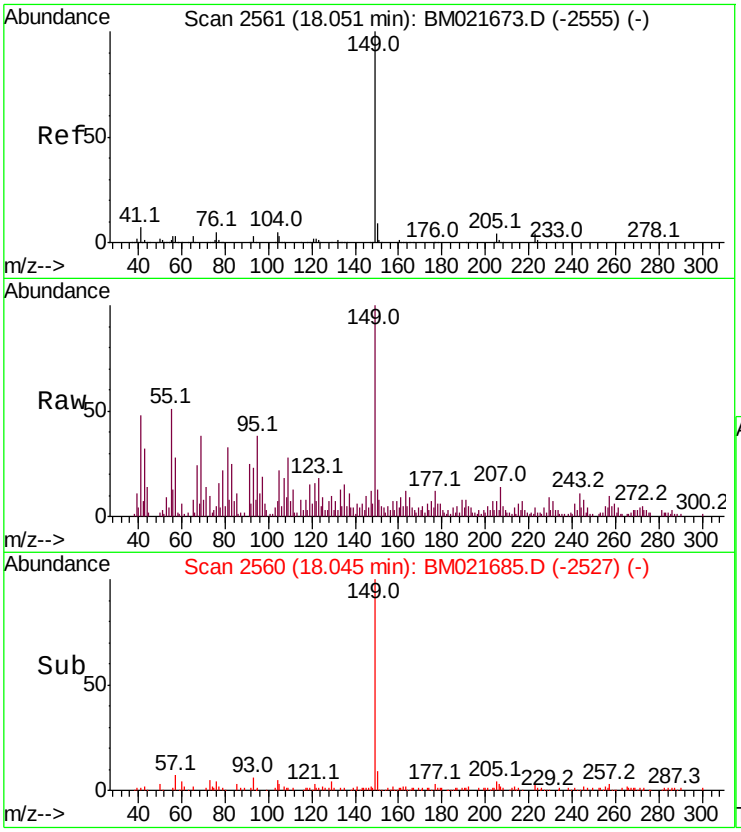


#74
Carbazole
Concen: 0.823 ng/ul
RT: 17.50 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:167 Resp: 29472

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.0	25.4
139	16.2	10.0	15.0#



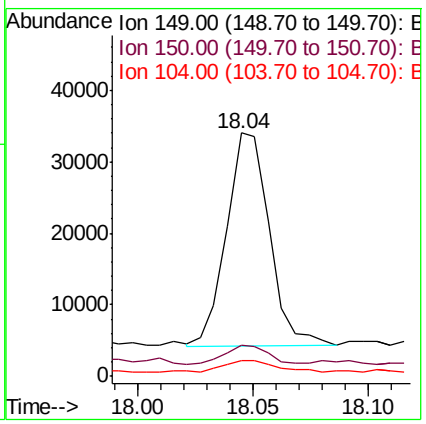


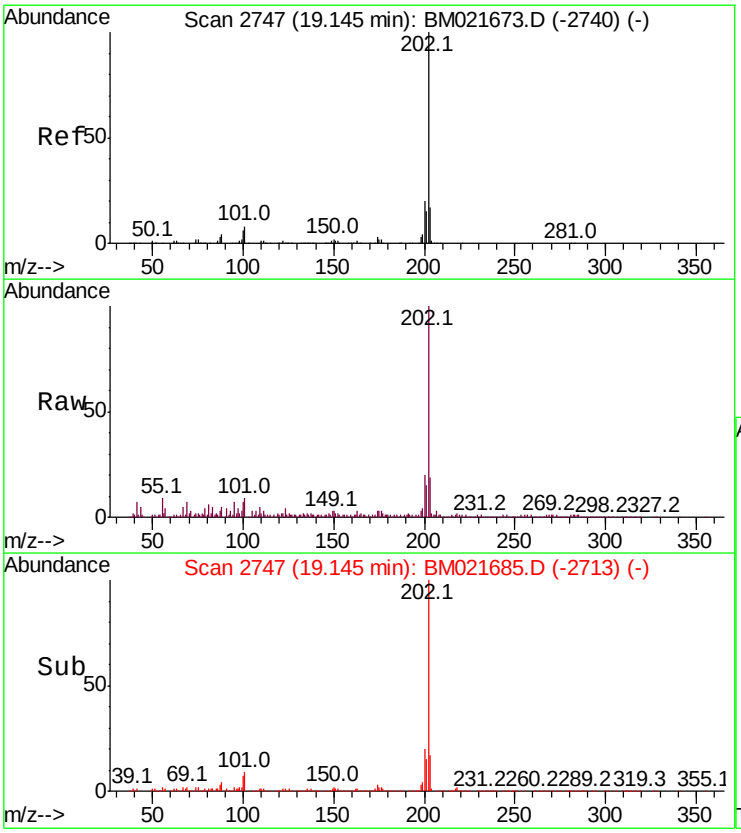
#75
Di-n-butylphthalate
Concen: 0.982 ng/ul
RT: 18.04 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 38789

Ion	Ratio	Lower	Upper
149	100		
150	12.7	7.1	10.7#
104	6.5	4.2	6.2#

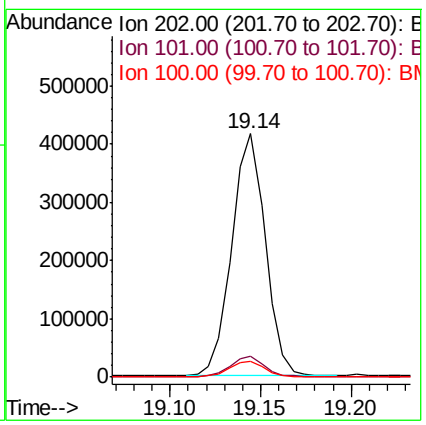


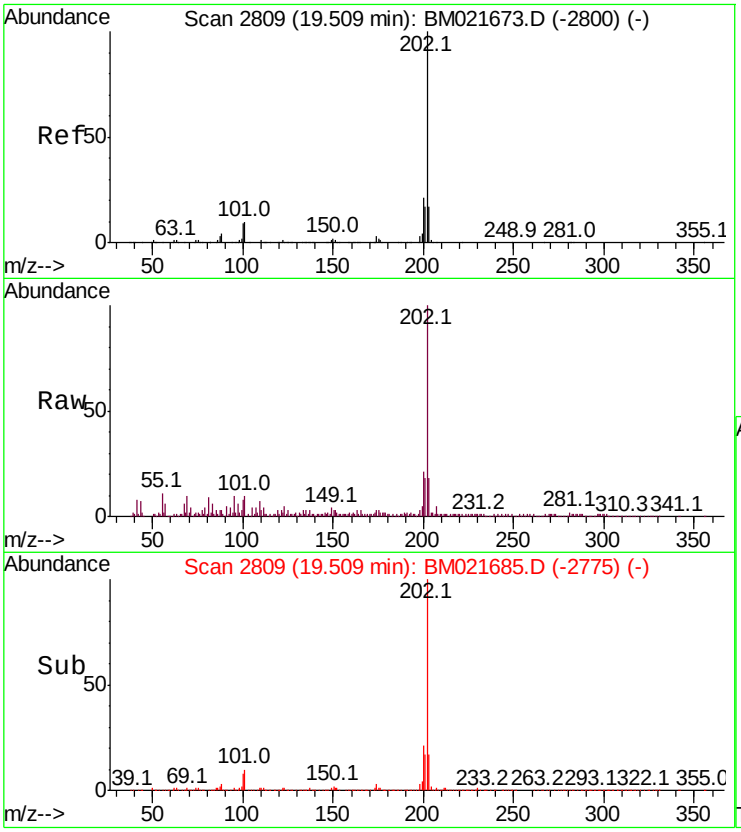


#76
Fluoranthene
Concen: 10.886 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:202 Resp: 536021

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	6.7	5.1	7.7



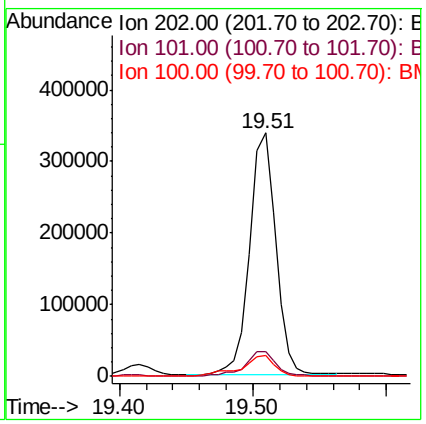


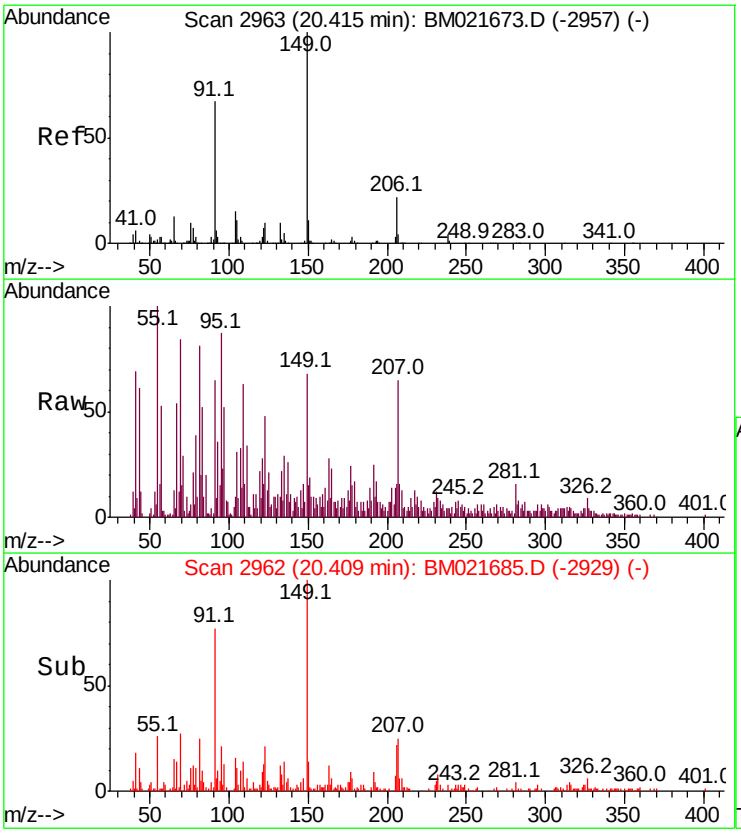
#79
Pyrene
Concen: 8.815 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 452805

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.2
100	8.3	7.0	10.4

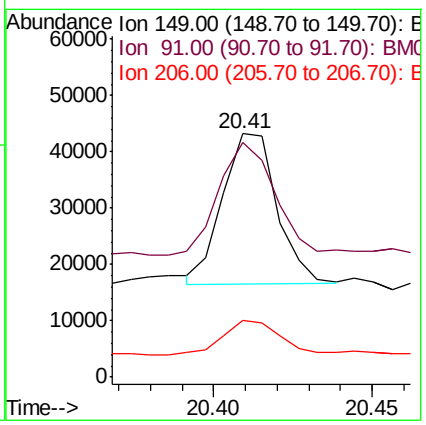


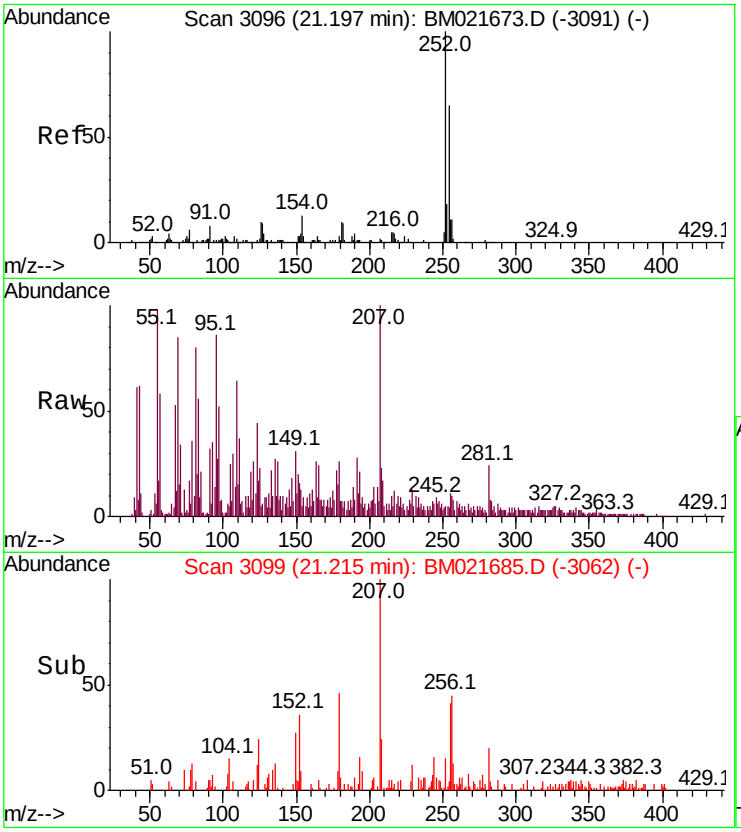


#80
Butylbenzylphthalate
Concen: 2.002 ng/ul
RT: 20.41 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:149 Resp: 31725

Ion	Ratio	Lower	Upper
149	100		
91	96.4	53.4	80.0#
206	23.4	17.9	26.9



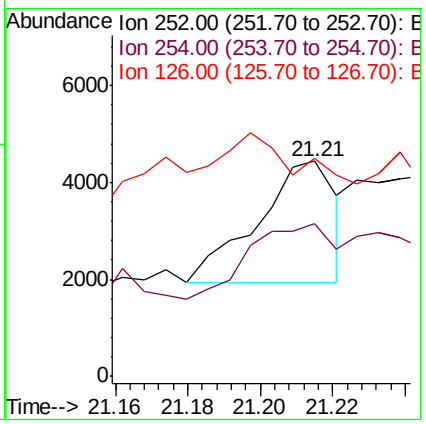


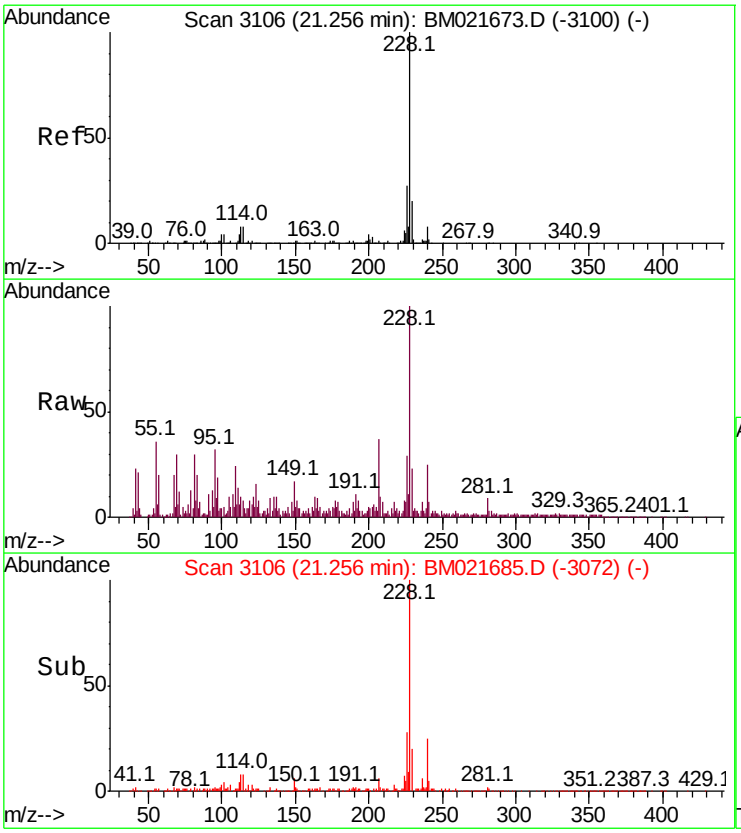
#81
3,3'-Dichlorobenzidine
Concen: 0.300 ng/ul
RT: 21.21 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3785

Ion	Ratio	Lower	Upper
252	100		
254	70.9	51.9	77.9
126	101.1	8.2	12.4#

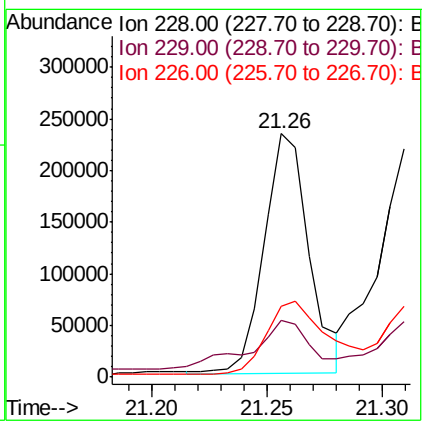


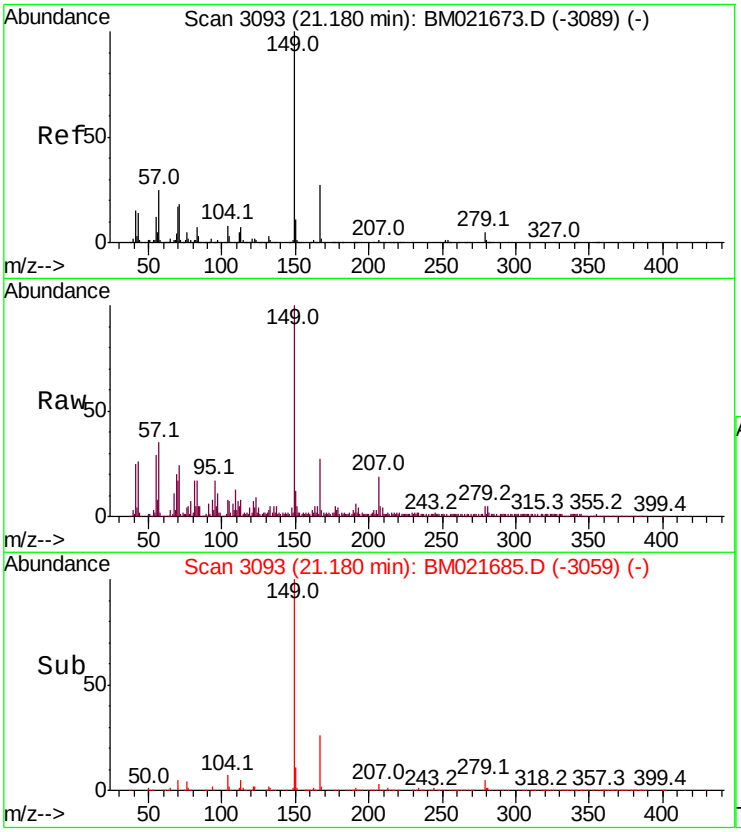


#82
Benzo(a)anthracene
Concen: 6.244 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:228 Resp: 313010

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.7	23.5
226	29.2	21.4	32.2



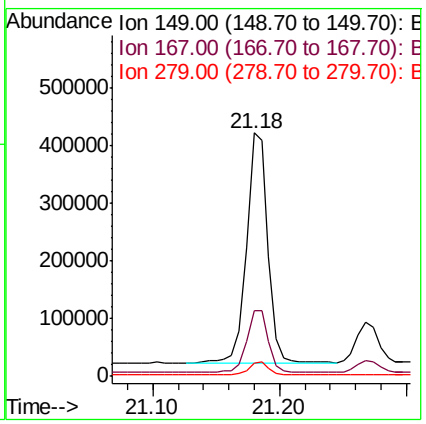


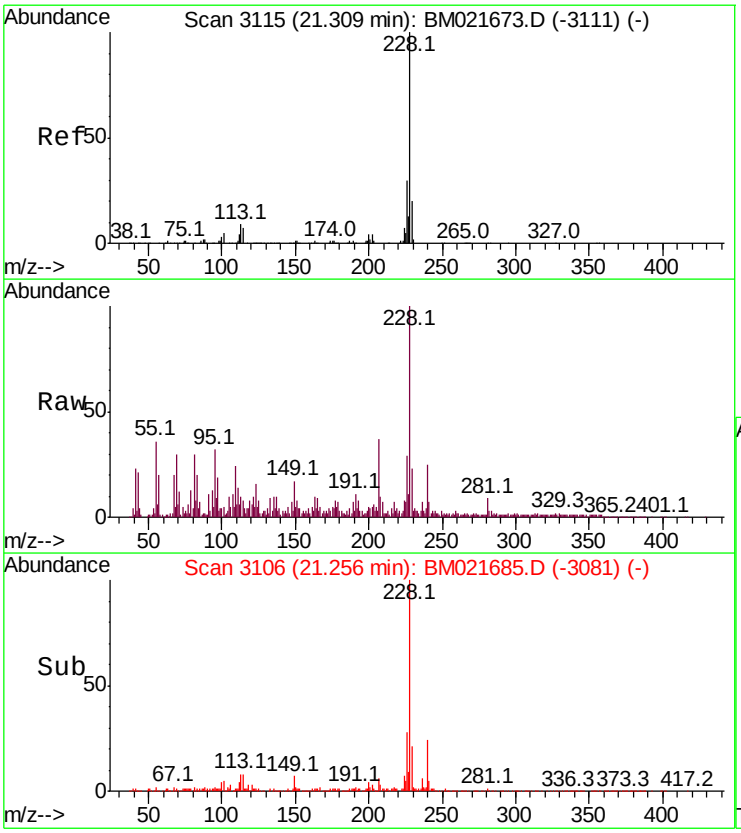
#83
Bis(2-ethylhexyl)phthalate
Concen: 20.305 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 463231

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.6	32.4
279	5.2	3.8	5.6

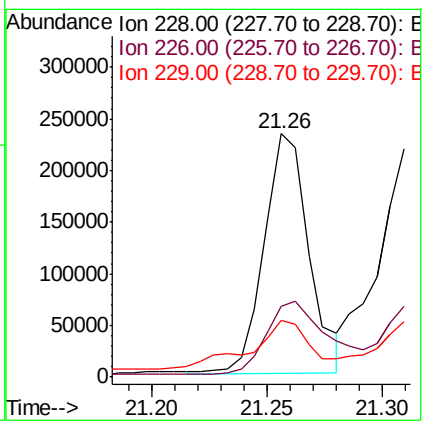


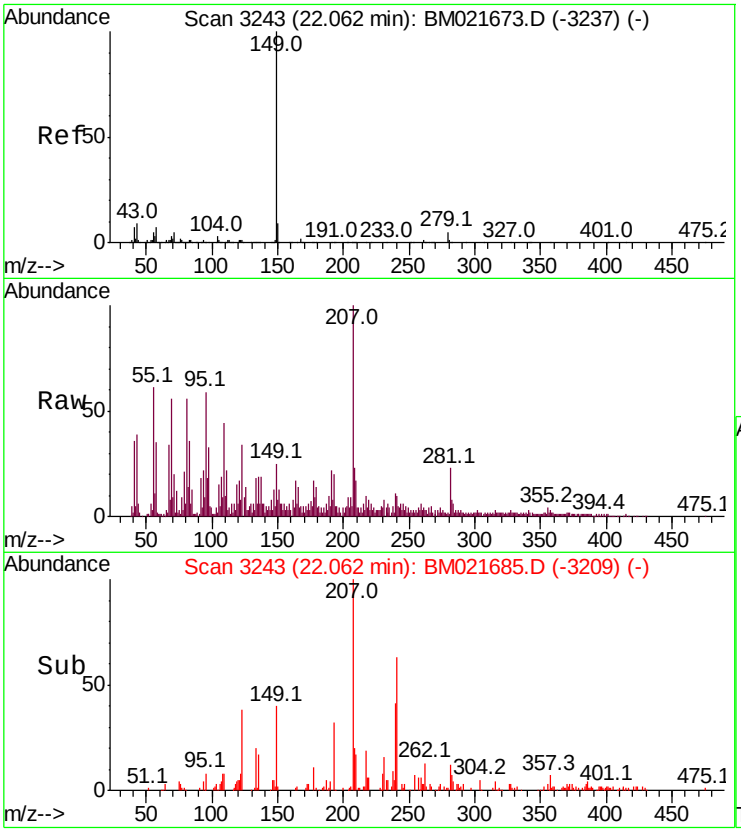


#84
Chrysene
Concen: 6.631 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.05 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:228 Resp: 313398

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	23.4	15.7	23.5

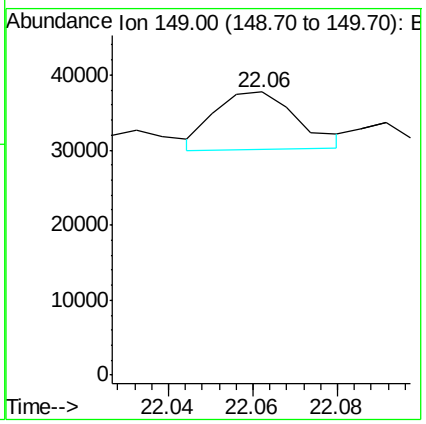


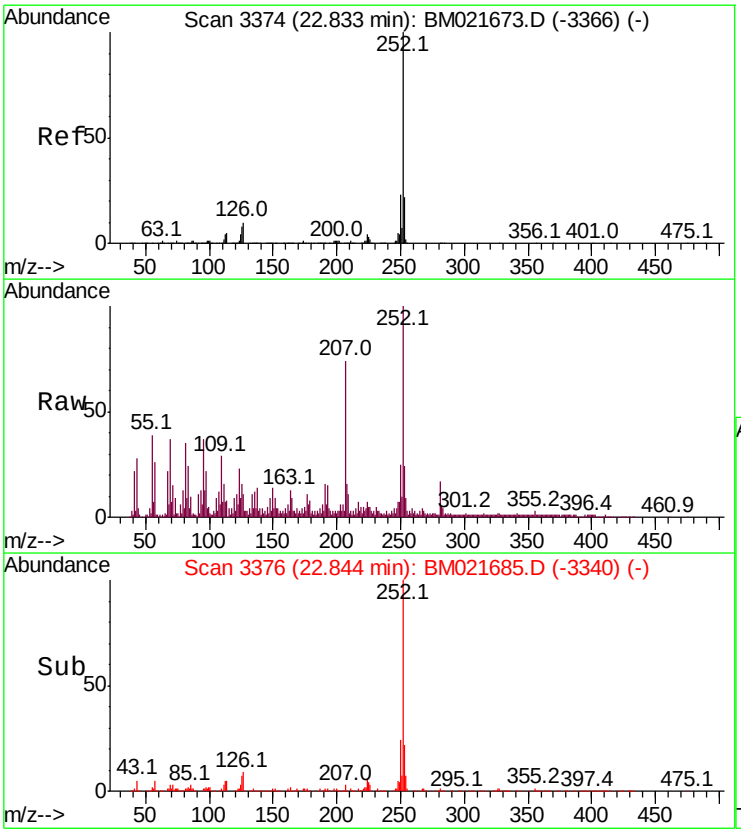


#86
Di-n-octyl phthalate
Concen: 0.209 ng/ul
RT: 22.06 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 10392

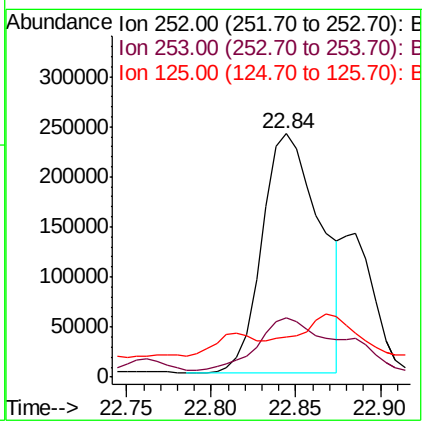


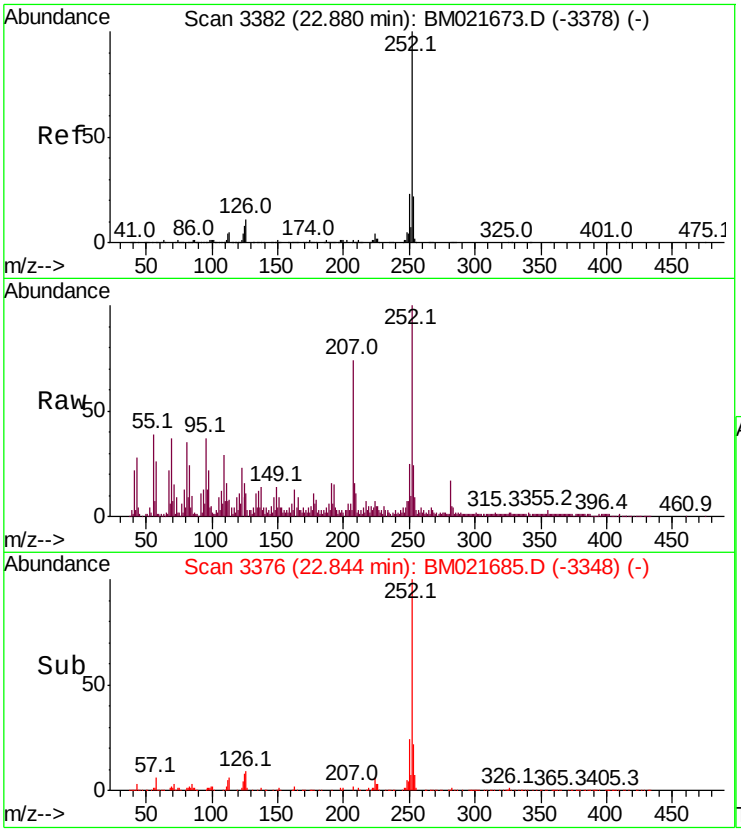


#87
Benzo(b)fluoranthene
Concen: 10.011 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:252 Resp: 574930

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	16.2	6.3	9.5#



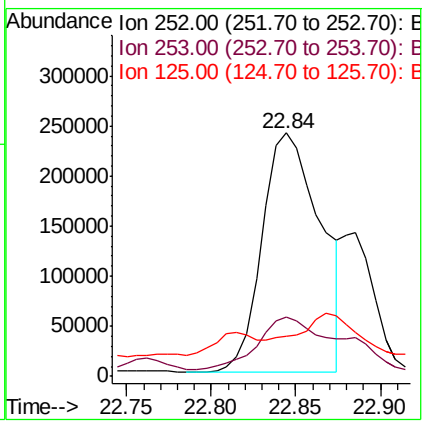


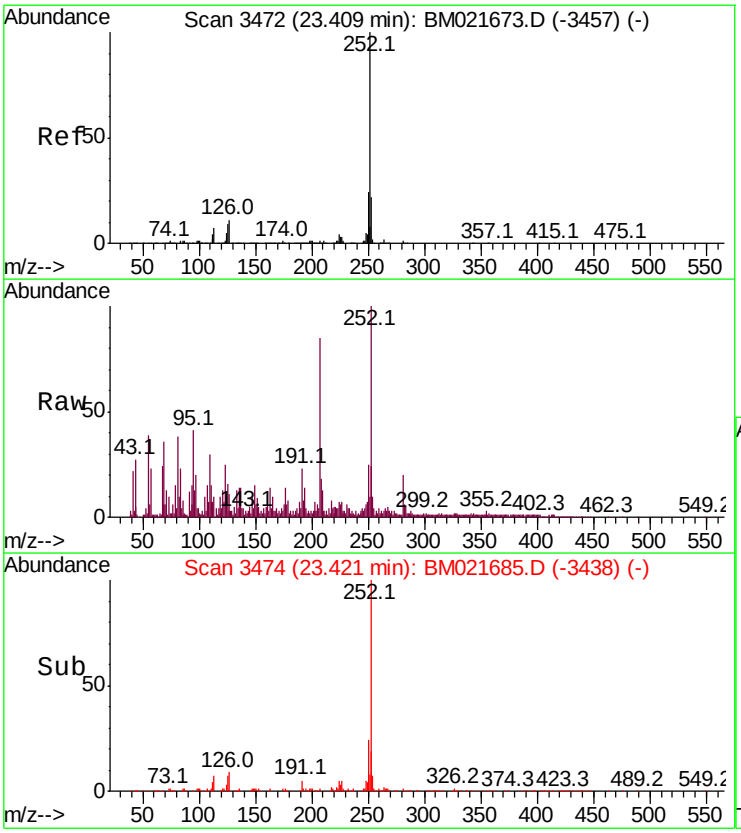
#88
Benzo(k)fluoranthene
Concen: 10.240 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. -0.04 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 574930

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	16.2	6.3	9.5#

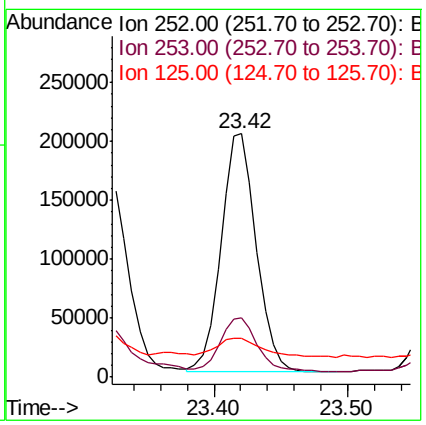


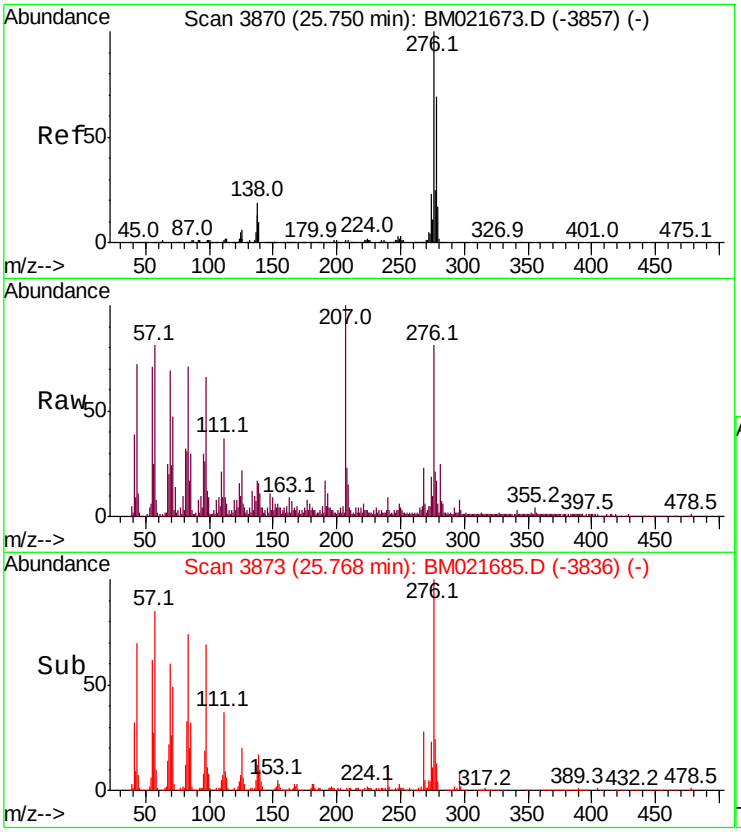


#90
Benzo(a)pyrene
Concen: 6.933 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:252 Resp: 372771

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	16.0	7.0	10.6#



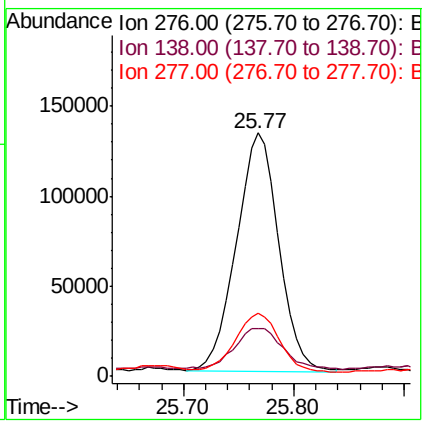


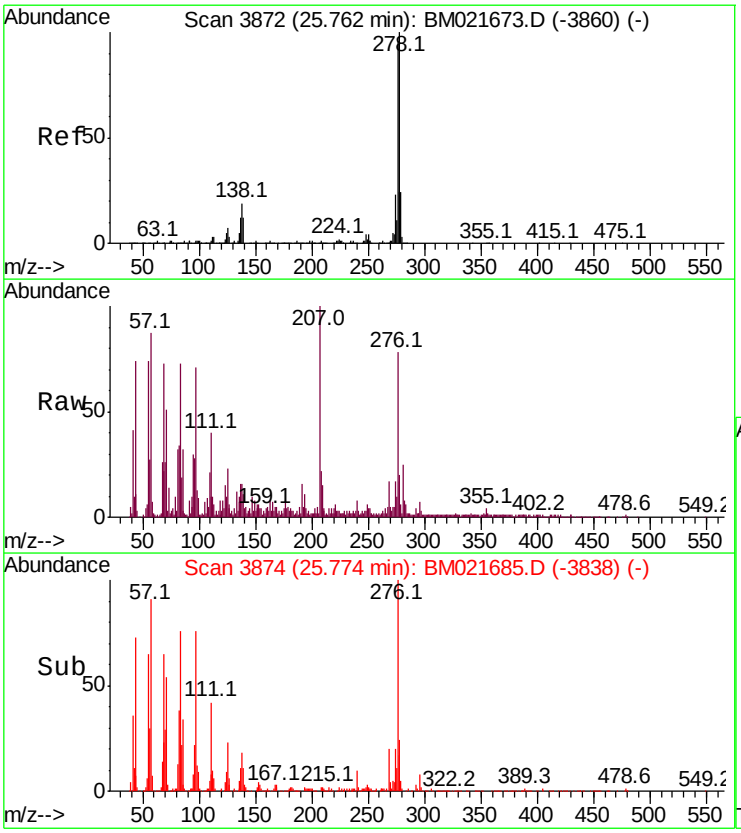
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.724 ng/ul
RT: 25.77 min Scan# 3873
Delta R.T. 0.02 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 356938

Ion	Ratio	Lower	Upper
276	100		
138	19.5	14.8	22.2
277	25.7	19.7	29.5

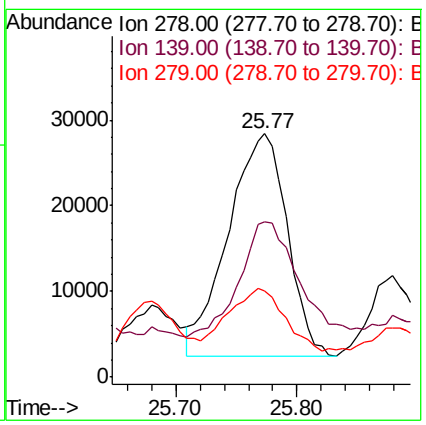


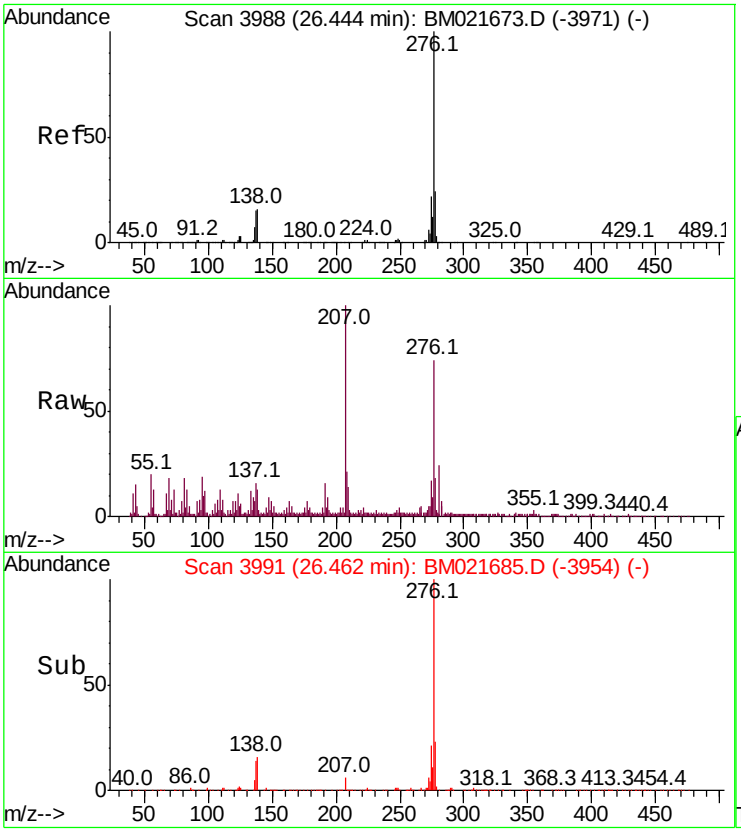


#92
Dibenzo(a,h)anthracene
Concen: 1.691 ng/ul
RT: 25.77 min Scan# 3874
Delta R.T. 0.01 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Tgt Ion:278 Resp: 87657

Ion	Ratio	Lower	Upper
278	100		
139	64.0	9.6	14.4#
279	35.2	19.2	28.8#





#93
Benzo(g,h,i)perylene
Concen: 7.518 ng/ul
RT: 26.46 min Scan# 3991
Delta R.T. 0.02 min
Lab File: BM021685.D
Acq: 27 Jul 2019 12:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 389801

Ion	Ratio	Lower	Upper
276	100		
138	18.3	13.1	19.7
277	24.5	19.0	28.6