Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\

Quantitation Report (Not Reviewed)

Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY8

Quant Time: Nov 15 07:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	355940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1320446	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.19	164	911251	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1822526	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1832255	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2196979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	51733	5.99	ng/uL	0.00
5) Phenol-d5	6.72	99	230414	7.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	539584	28.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	620130	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	409860	15.83	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	444987	47.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	431099	43.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	753025	33.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	660567	26.56	ng/ul	0.04
44) Dimethylphthalate-d6	13.62	166	2432237	34.23	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2804534	34.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	94904	7.82	ng/ul	0.00
58) Fluorene-d10	15.19	176	2105671	33.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	353802	33.56	ng/ul	0.00
71) Anthracene-d10	17.04	188	3181518	36.80	ng/ul	0.00
79) Pyrene-d10	19.34	212	3482621	36.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	4277973	37.00	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.69	77	186620	9.804	ng/ul#	1
6) Phenol	6.75	94	40856	1.222	ng/ul#	50
14) Acetophenone	8.33	105	88867	2.201	ng/ul#	37
24) 2,4-Dimethylphenol	9.55	107	31157	1.234	ng/ul	95
30) 4-Chloroaniline	10.42	127	20083615	785.511	ng/ul#	9
34) 2-Methylnaphthalene	11.99	142	8090800	152.394	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	9414518	133.926	ng/ul	98
45) Dimethylphthalate	13.66	163	204183	2.932	ng/ul	98
48) Acenaphthylene	13.90	152	972035	11.906	ng/ul#	90
50) Acenaphthene	14.33	153	1493430	25.776	ng/ul#	26
54) Dibenzofuran	14.50	168	257703	3.005	ng/ul#	51
55) 2,4-Dinitrotoluene	14.56	165	21407	1.104	ng/ul#	68
59) Fluorene	15.25	166	13306157	191.230	ng/ul	96
61) 4-Nitroaniline	15.25	138	148324	10.046	ng/ul#	27
70) Phenanthrene	16.98	178	15597662	155.375	ng/ul	94
72) Anthracene	17.07	178	1333978	13.215	ng/ul	99
75) Carbazole	17.46	167	1791017	21.285	ng/ul#	80
77) Fluoranthene	19.00	202	1779560	16.546	ng/ul	98
80) Pyrene	19.37	202	1007582	8.508	ng/ul	99

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

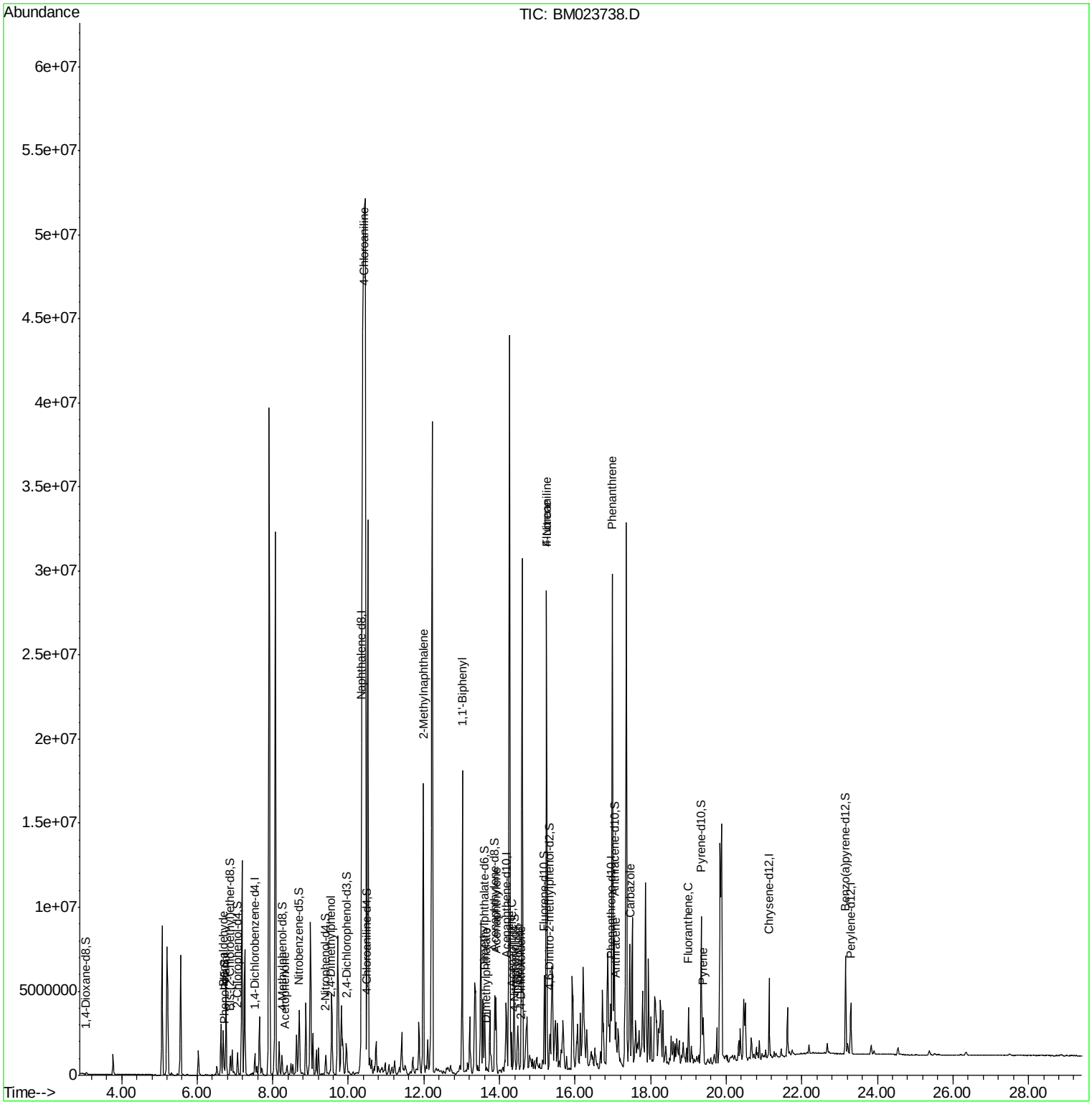
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\

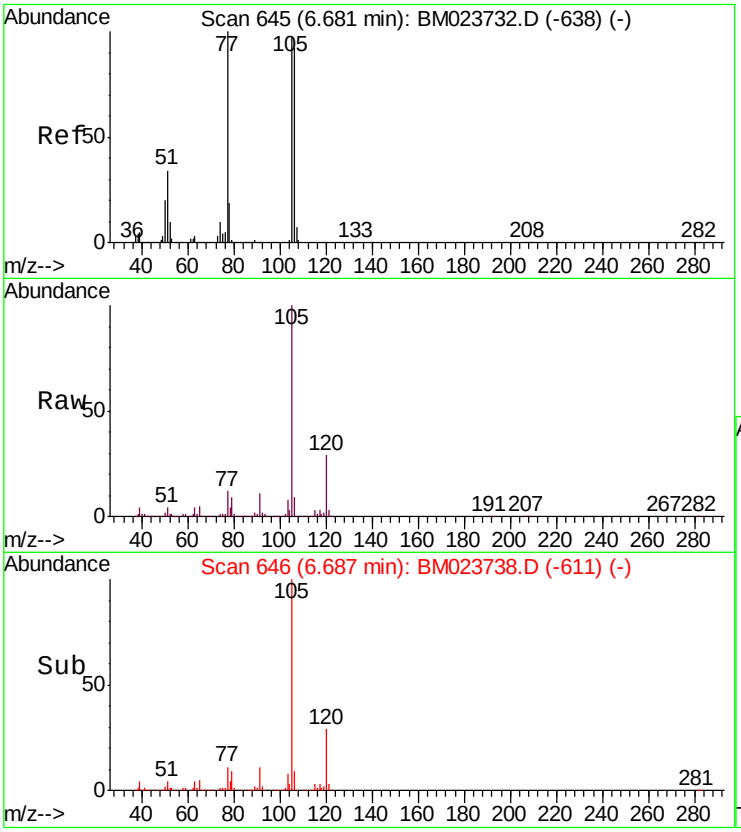
Quantitation Report (Not Reviewed)

Data File : BM023738.D
Acq On : 15 Nov 2019 04:42
Operator : JU
Sample : K5700-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEGY8

Quant Time: Nov 15 07:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration



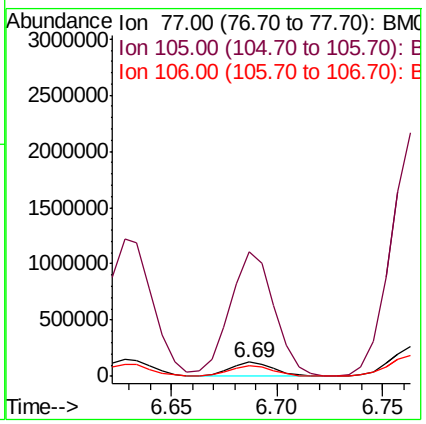


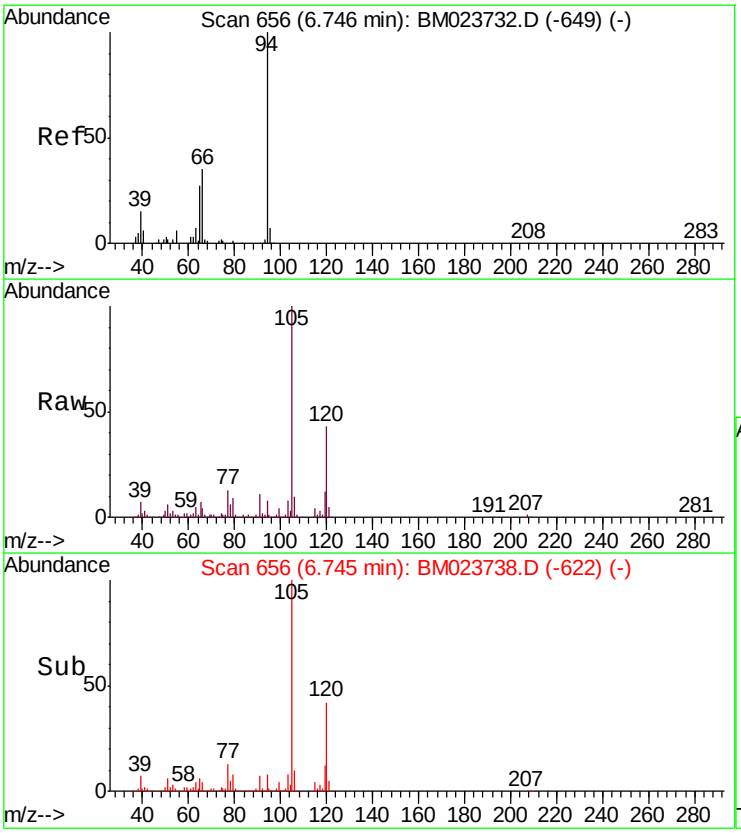
#4
Benzaldehyde
Concen: 9.804 ng/ul
RT: 6.69 min Scan# 646
Delta R.T. 0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion: 77 Resp: 186620

Ion	Ratio	Lower	Upper
77	100		
105	868.6	75.9	113.9#
106	77.7	70.2	105.4

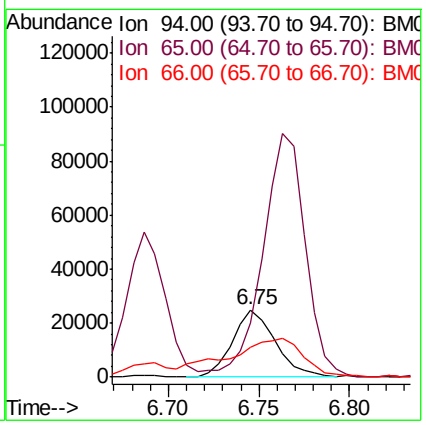


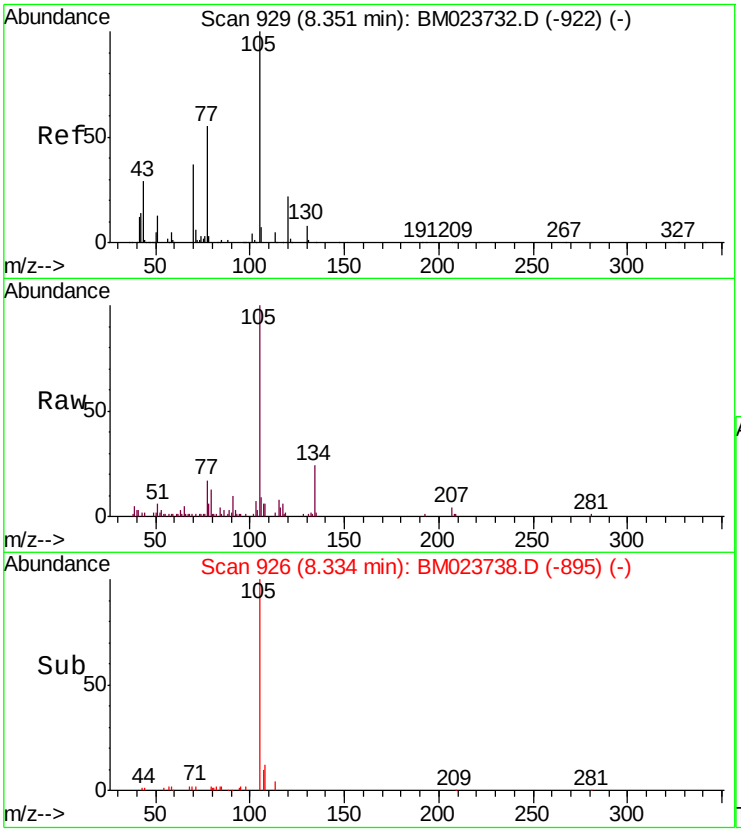


#6
Phenol
Concen: 1.222 ng/ul
RT: 6.75 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion: 94 Resp: 40856

Ion	Ratio	Lower	Upper
94	100		
65	81.4	21.4	32.2#
66	45.0	30.7	46.1



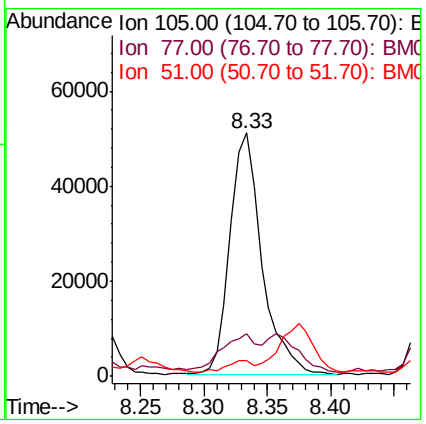


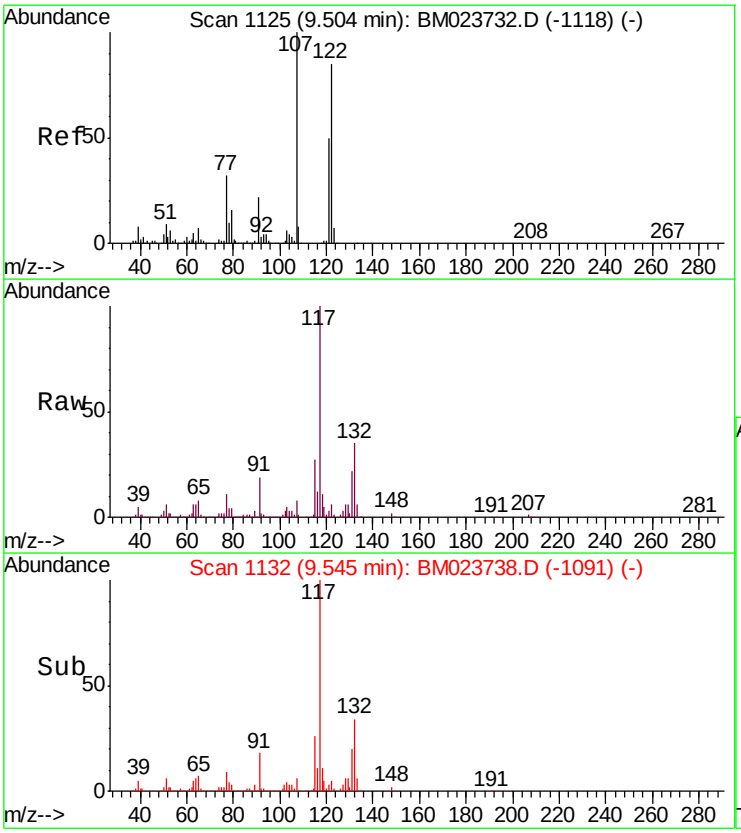
#14
Acetophenone
Concen: 2.201 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:105 Resp: 88867

Ion	Ratio	Lower	Upper
105	100		
77	17.3	63.8	95.6#
51	6.4	16.3	24.5#

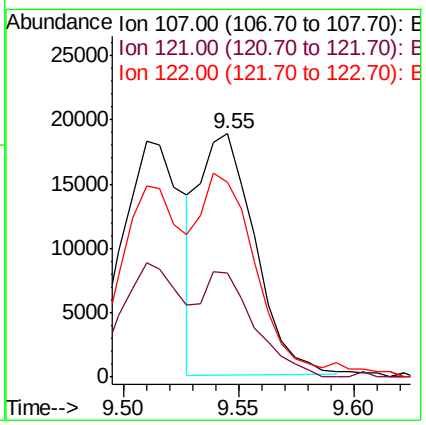


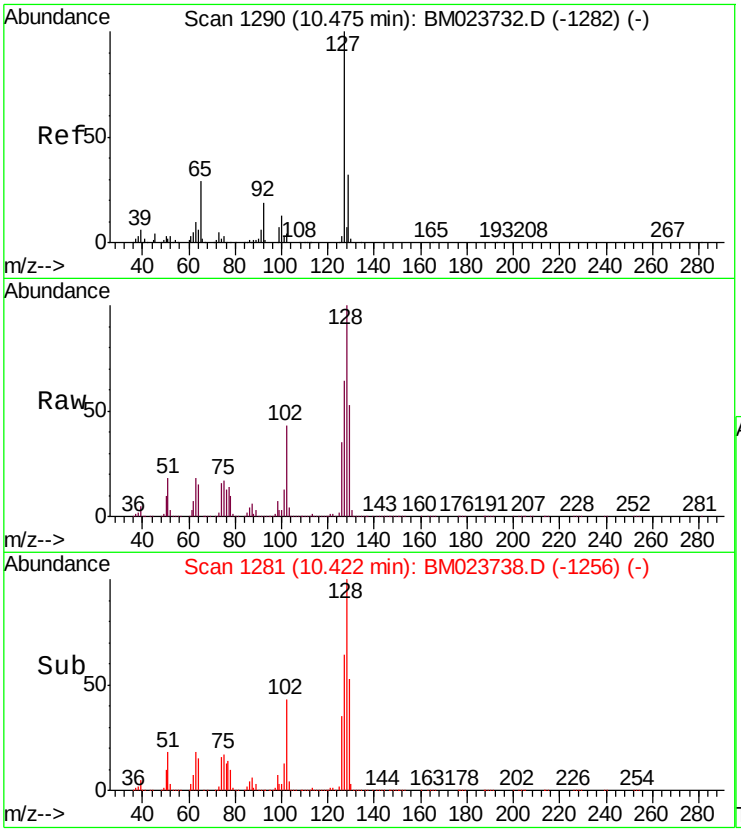


#24
2,4-Dimethylphenol
Concen: 1.234 ng/ul
RT: 9.55 min Scan# 1132
Delta R.T. 0.04 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:107 Resp: 31157

Ion	Ratio	Lower	Upper
107	100		
121	42.8	38.6	57.8
122	79.8	65.9	98.9



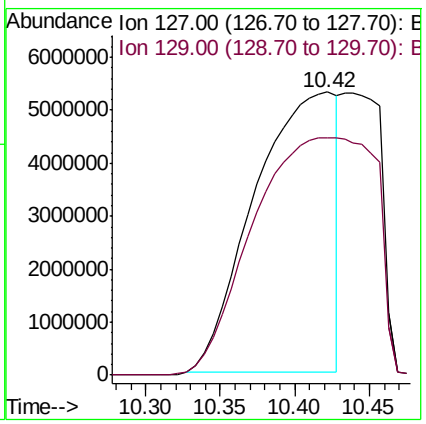


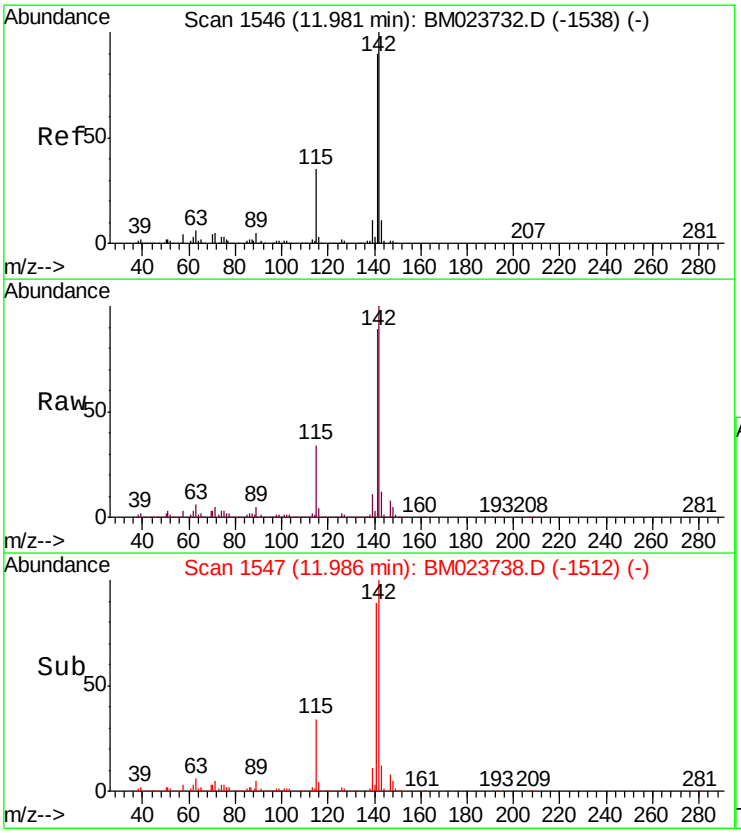
#30
4-Chloroaniline
Concen: 785.511 ng/ul
RT: 10.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:127 Resp:20083615

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.1	39.1#

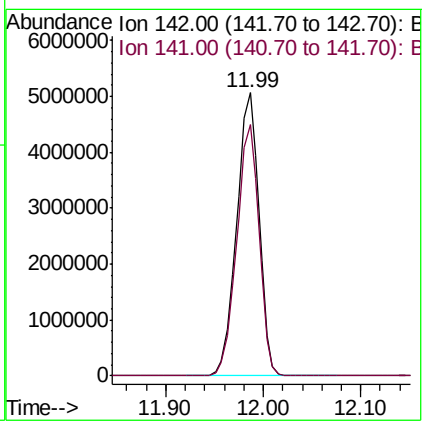


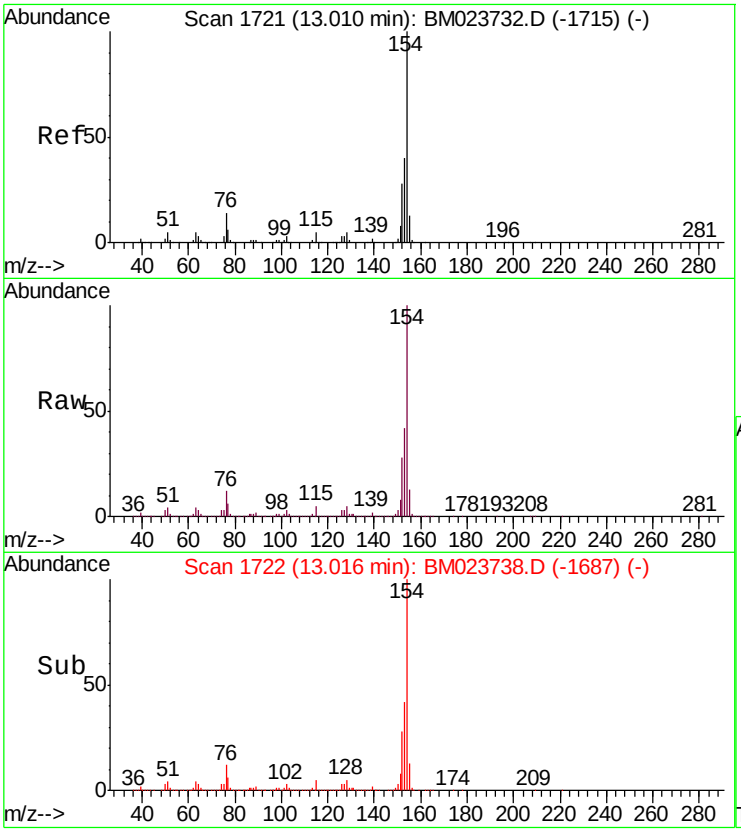


#34
2-Methylnaphthalene
Concen: 152.394 ng/ul
RT: 11.99 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:142 Resp: 8090800

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.8	104.8



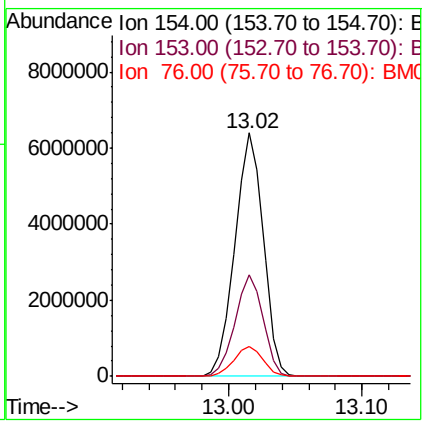


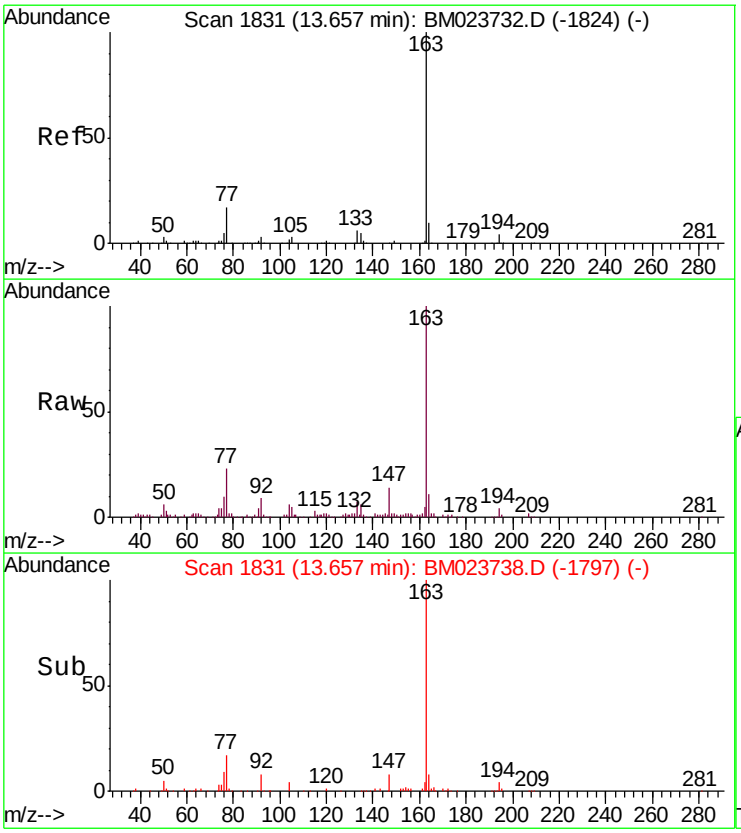
#41
1,1'-Biphenyl
Concen: 133.926 ng/ul
RT: 13.02 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:154 Resp: 9414518

Ion	Ratio	Lower	Upper
154	100		
153	41.9	32.3	48.5
76	12.4	10.6	15.8

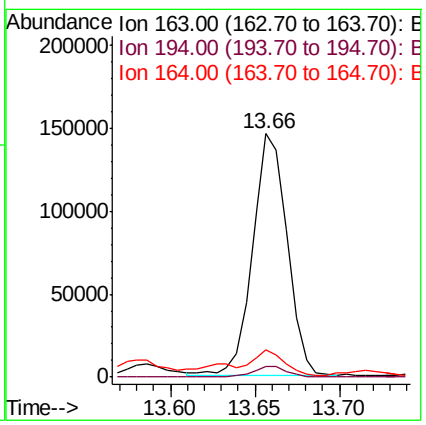


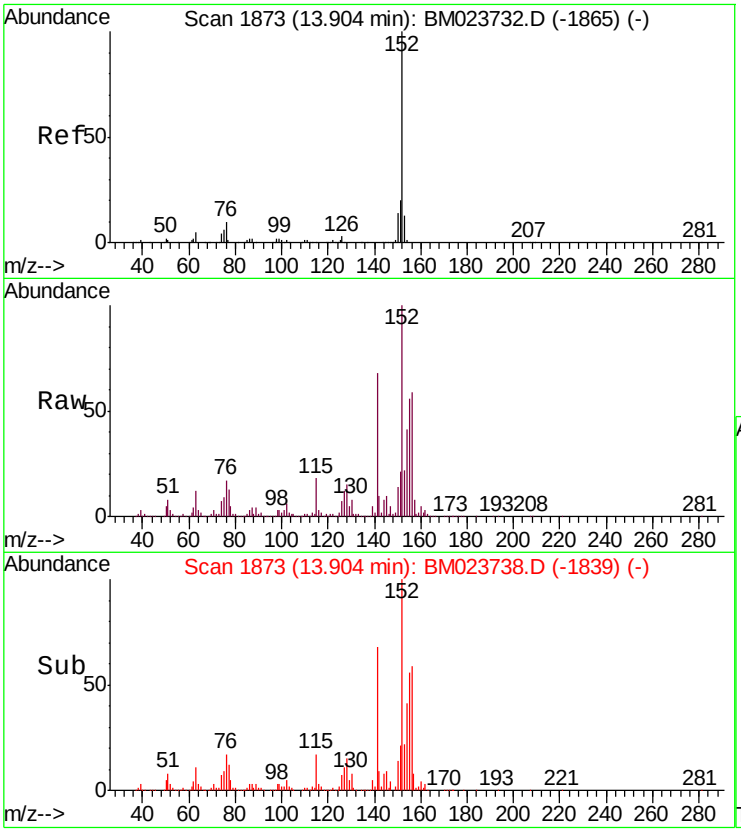


#45
Dimethylphthalate
Concen: 2.932 ng/ul
RT: 13.66 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:163 Resp: 204183

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	11.1	8.0	12.0



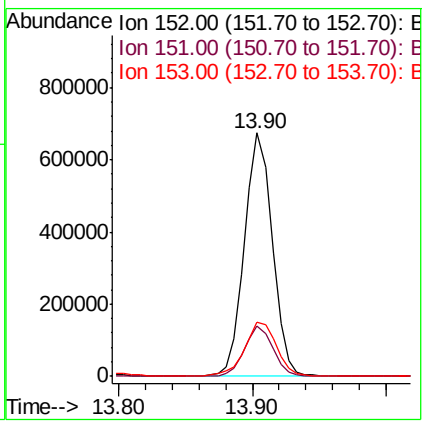


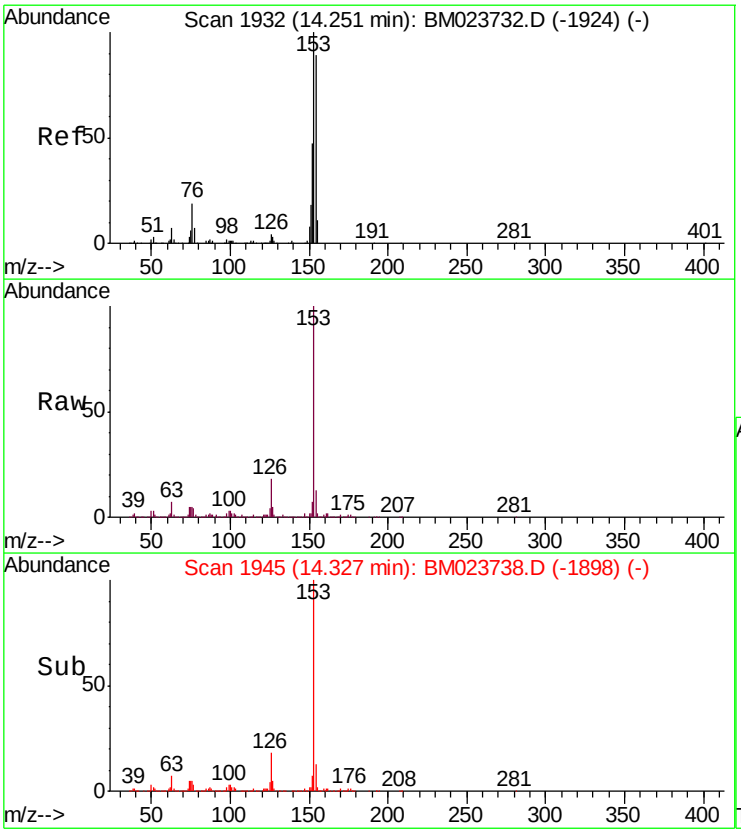
#48
Acenaphthylene
Concen: 11.906 ng/ul
RT: 13.90 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:152 Resp: 972035

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.1	24.1
153	22.3	10.4	15.6#

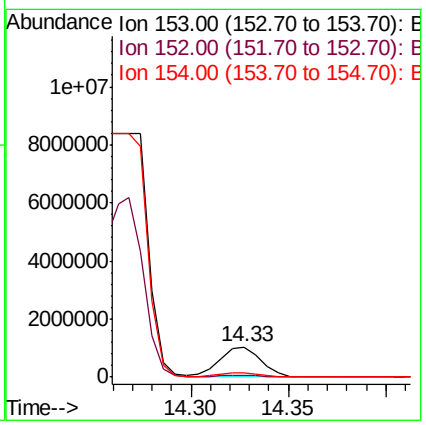


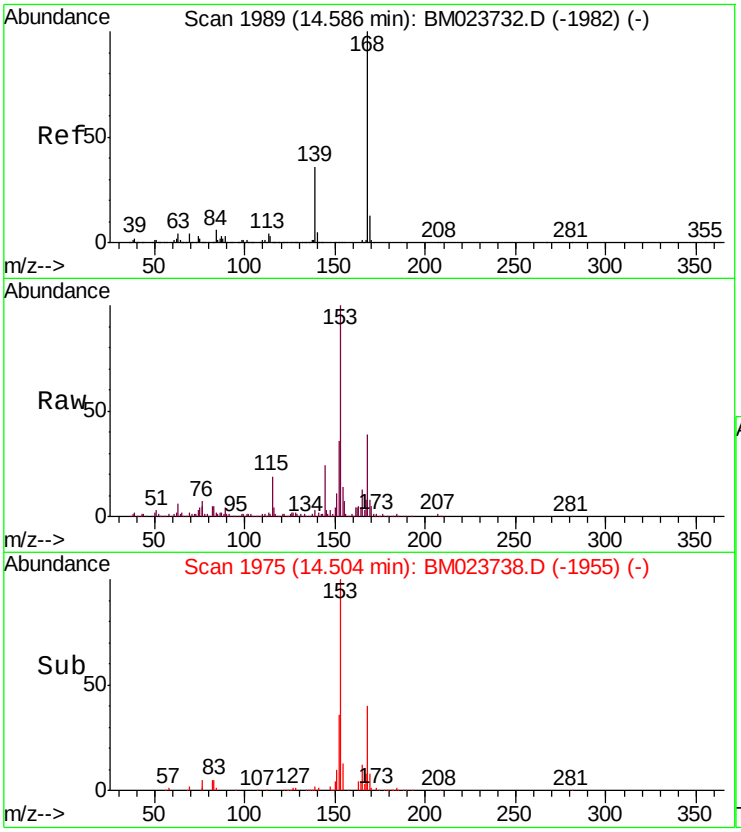


#50
Acenaphthene
Concen: 25.776 ng/ul
RT: 14.33 min Scan# 1945
Delta R.T. 0.08 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:153 Resp: 1493430

Ion	Ratio	Lower	Upper
153	100		
152	6.9	37.7	56.5#
154	12.8	70.6	106.0#



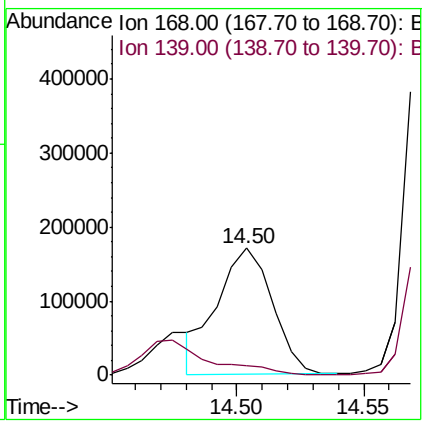


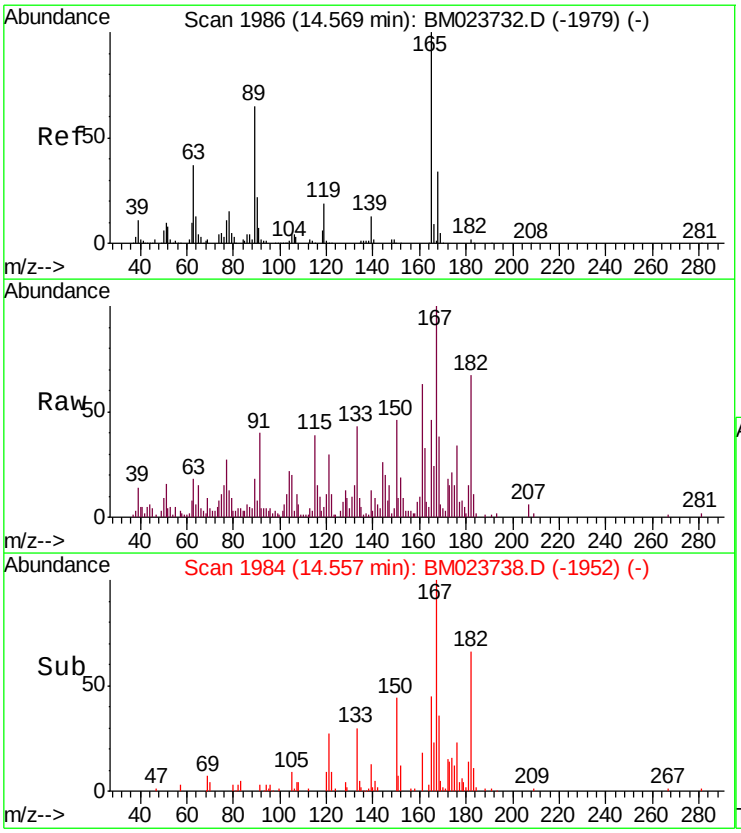
#54
Dibenzofuran
Concen: 3.005 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. -0.08 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:168 Resp: 257703

Ion	Ratio	Lower	Upper
168	100		
139	7.6	29.3	43.9#

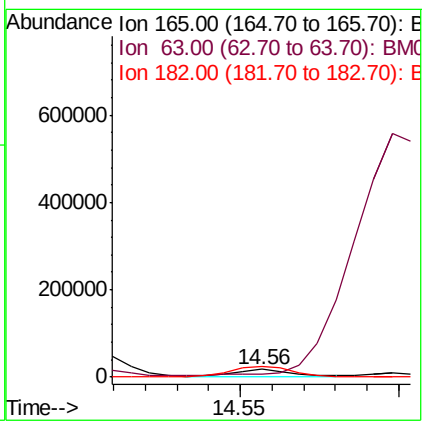


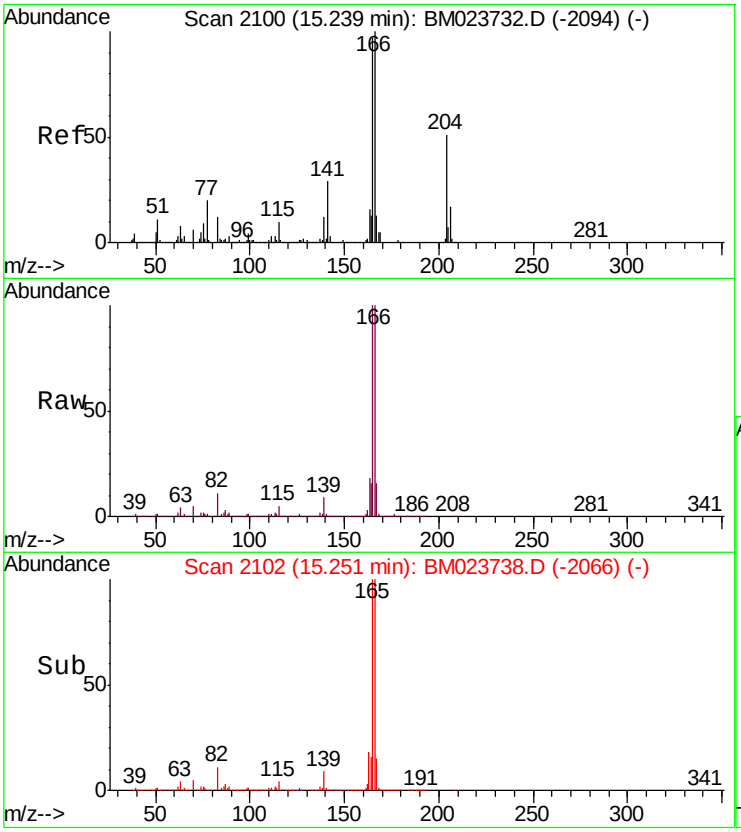


#55
2,4-Dinitrotoluene
Concen: 1.104 ng/ul
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:165 Resp: 21407

Ion	Ratio	Lower	Upper
165	100		
63	39.1	31.0	46.6
182	147.1	2.4	3.6#



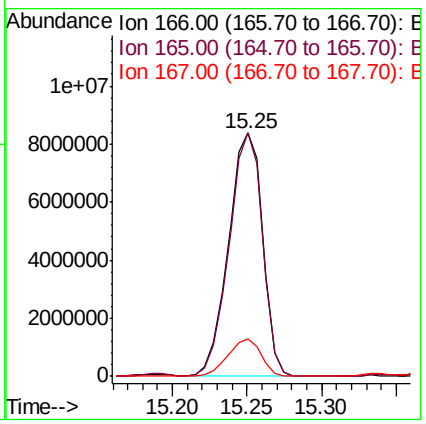


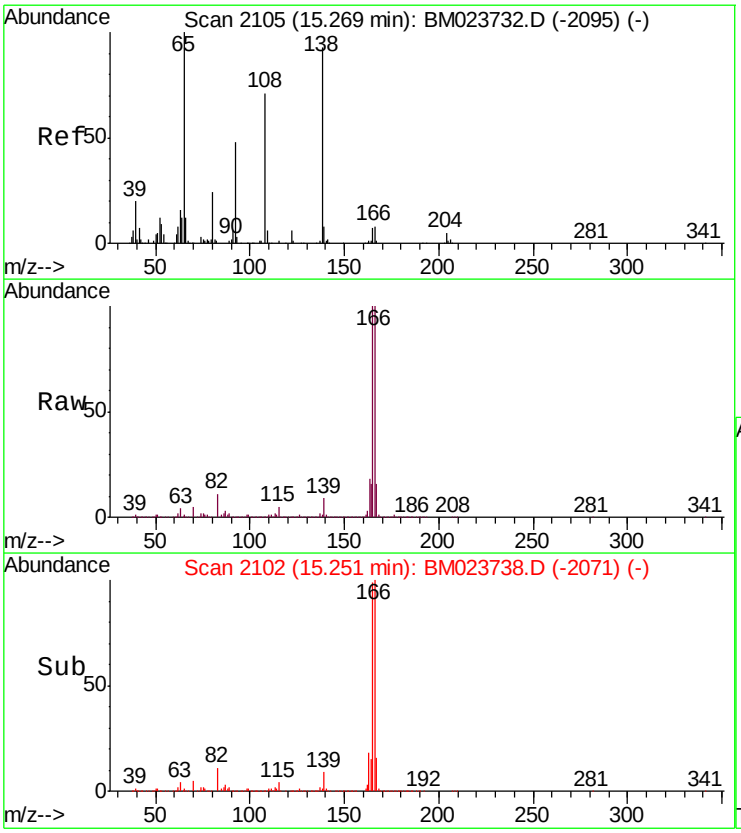
#59
Fluorene
Concen: 191.230 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:166 Resp:13306157

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.2	115.8
167	15.6	10.9	16.3

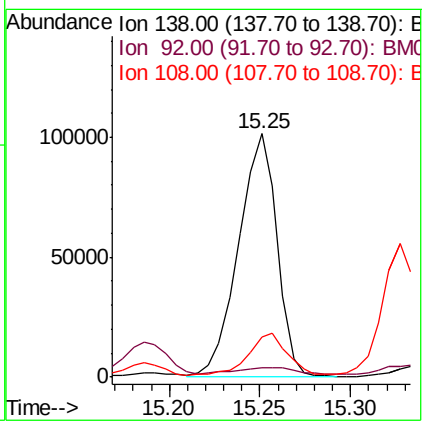


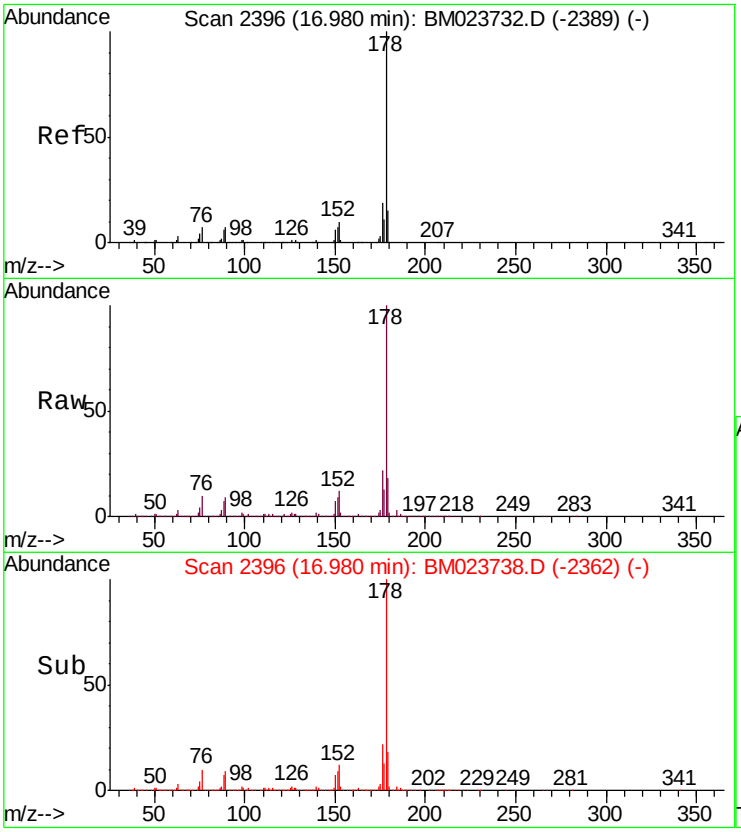


#61
4-Nitroaniline
Concen: 10.046 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:138 Resp: 148324

Ion	Ratio	Lower	Upper
138	100		
92	3.9	44.6	66.8#
108	16.3	66.2	99.4#



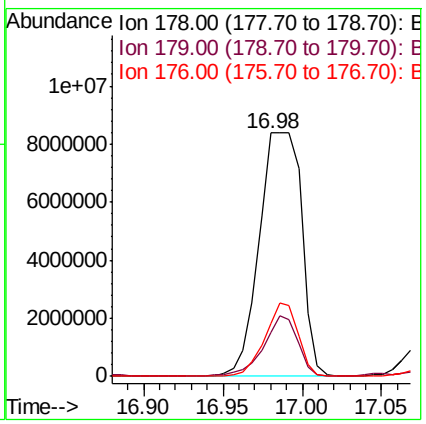


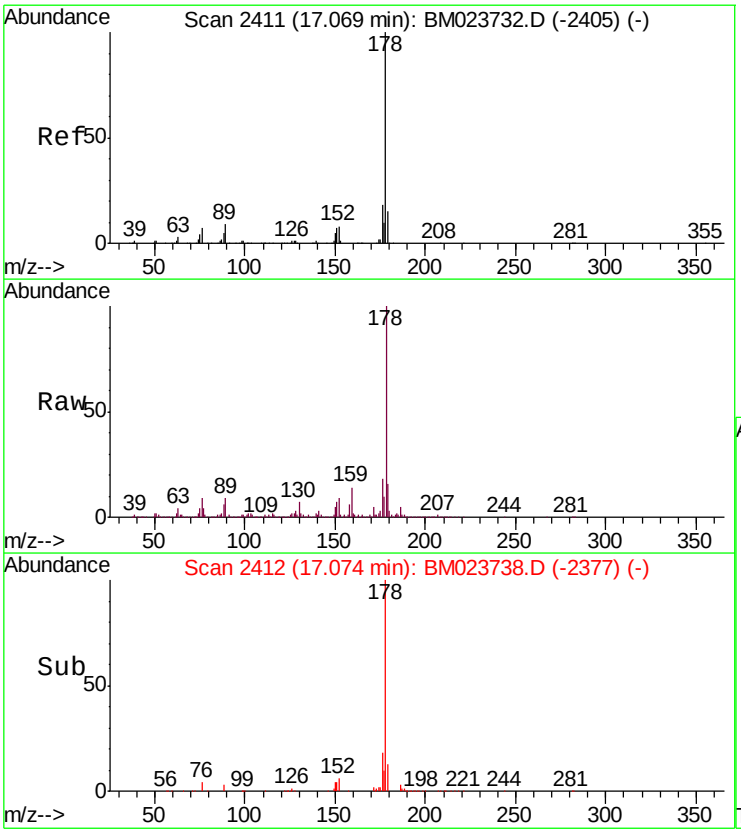
#70
Phenanthrene
Concen: 155.375 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:178 Resp:15597662

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	21.6	15.0	22.6

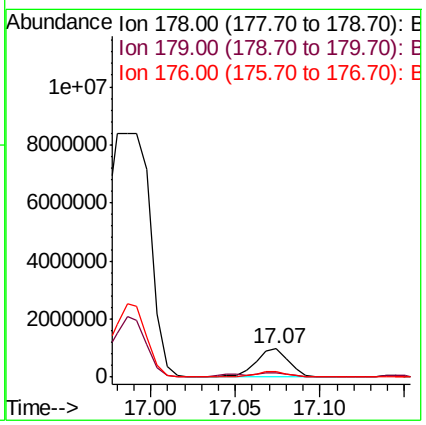


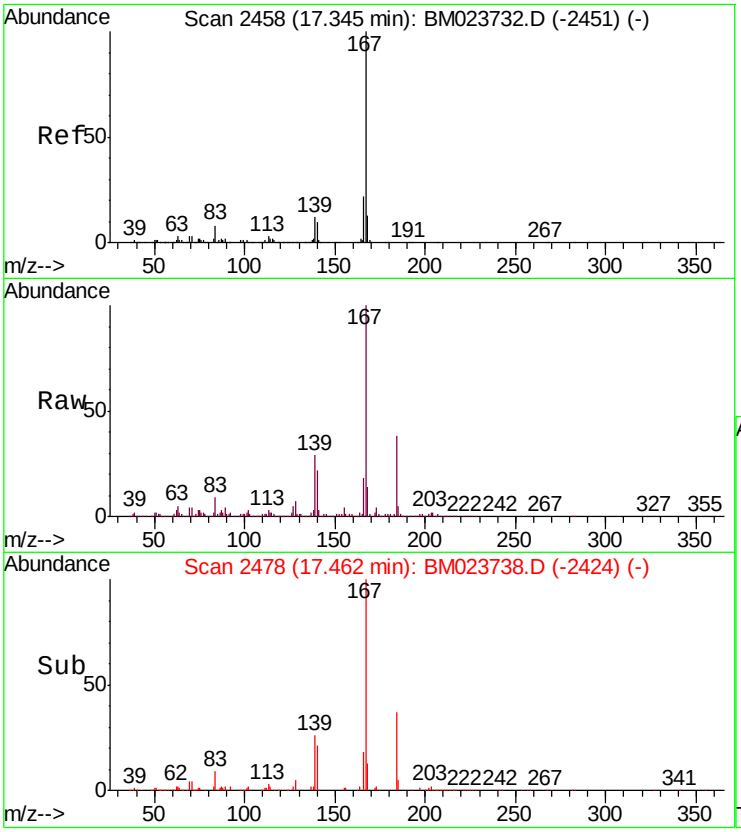


#72
Anthracene
Concen: 13.215 ng/ul
RT: 17.07 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:178 Resp: 1333978

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.8	14.7	22.1



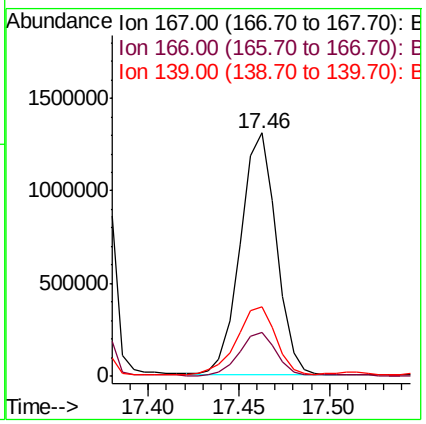


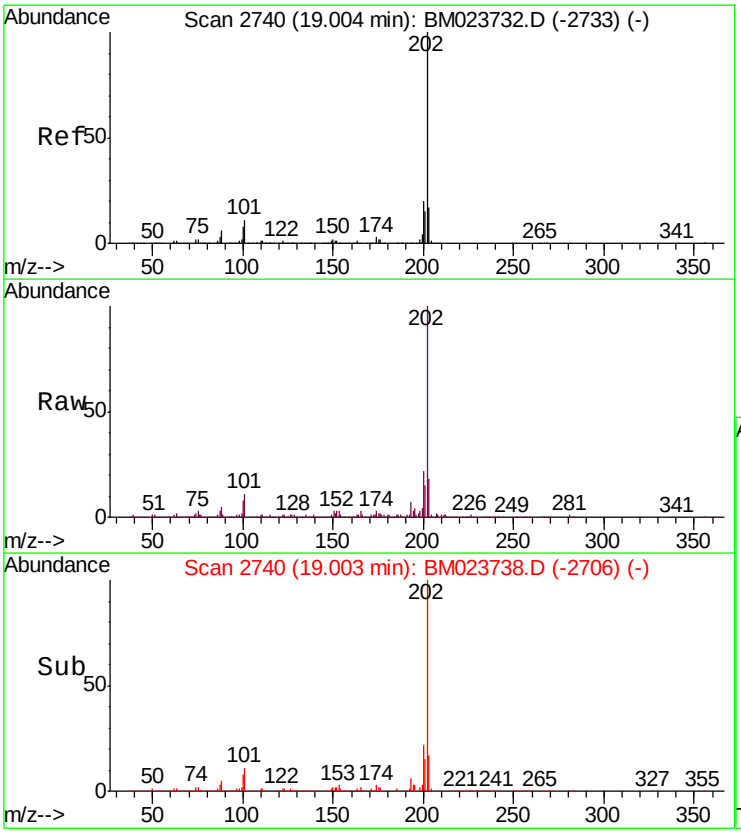
#75
Carbazole
Concen: 21.285 ng/ul
RT: 17.46 min Scan# 2478
Delta R.T. 0.12 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:167 Resp: 1791017

Ion	Ratio	Lower	Upper
167	100		
166	18.2	17.1	25.7
139	28.7	9.8	14.6#

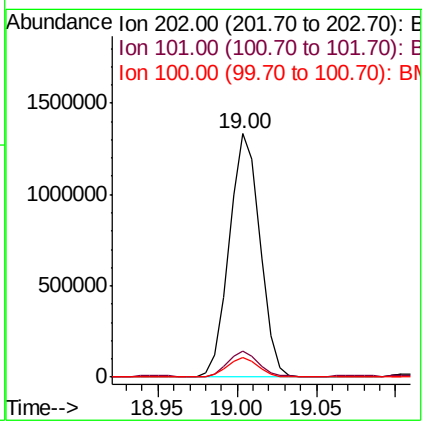


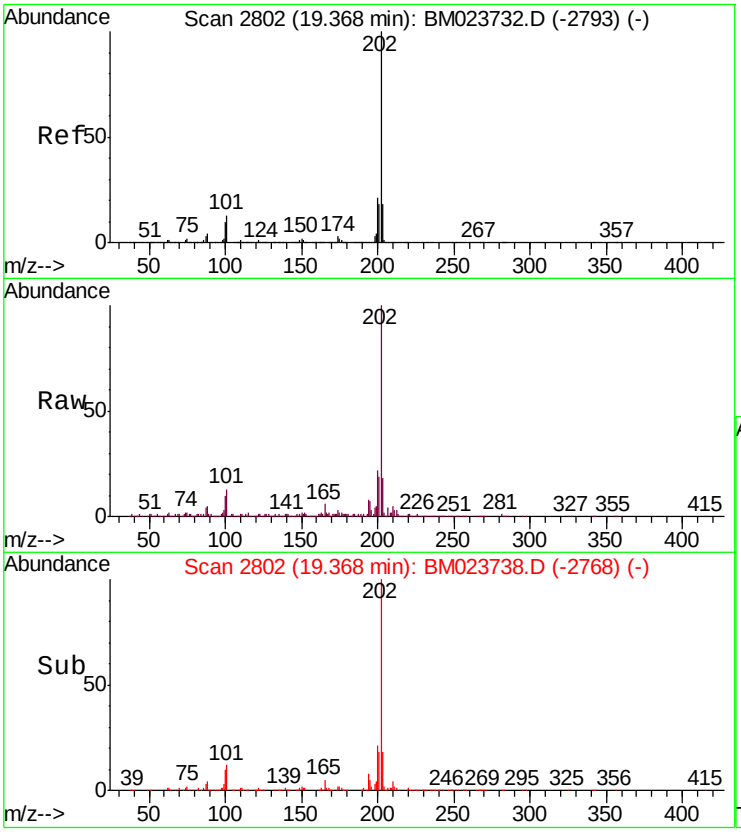


#77
Fluoranthene
Concen: 16.546 ng/ul
RT: 19.00 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Tgt Ion:202 Resp: 1779560

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.7	11.5
100	8.0	6.0	9.0





#80
Pyrene
Concen: 8.508 ng/ul
RT: 19.37 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM023738.D
Acq: 15 Nov 2019 04:42

Instrument :
BNA_M
ClientSampleId :
BEGY8

Tgt Ion:202 Resp: 1007582

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.6
100	9.8	8.1	12.1