Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023074.D
Acq On : 09 Oct 2019 08:58
Operator : JU
Sample : K5028-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 09 09:41:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	195025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	818612	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	475440	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	899337	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	875693	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1022702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26766	5.94	ng/uL	0.00
5) Phenol-d5	6.94	99	109148	6.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	264354	28.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	323206	23.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	204402	14.49	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	191209	30.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	210616	30.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	382556	27.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	388064	23.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	1131452	30.66	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1346549	31.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	41315	5.67	ng/ul	0.00
58) Fluorene-d10	15.40	176	942576	29.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	126440	21.60	ng/ul	0.00
71) Anthracene-d10	17.24	188	1428100	32.52	ng/ul	0.00
79) Pyrene-d10	19.54	212	1558346	33.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1774396	33.54	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	41778	5.350	ng/ul#	1
6) Phenol	6.97	94	20873	1.155	ng/ul	97
14) Acetophenone	8.57	105	55232	2.561	ng/ul#	37
17) Hexachloroethane	8.88	117	27190	4.807	ng/ul#	6
24) 2,4-Dimethylphenol	9.74	107	59792	3.892	ng/ul	99
28) Naphthalene	10.61	128	598115	13.529	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	18277	1.277	ng/ul#	16
34) 2-Methylnaphthalene	12.22	142	244708	7.383	ng/ul	100
35) 1-Methylnaphthalene	12.45	142	343161	10.840	ng/ul	100
45) Dimethylphthalate	13.86	163	292138	7.707	ng/ul	99
50) Acenaphthene	14.47	153	333196	10.400	ng/ul	99
59) Fluorene	15.46	166	132183	3.575	ng/ul	100
70) Phenanthrene	17.19	178	435579	8.115	ng/ul	100
72) Anthracene	17.28	178	111826	2.045	ng/ul	100
77) Fluoranthene	19.20	202	66813	1.107	ng/ul	98
80) Pyrene	19.57	202	80366	1.295	ng/ul	98

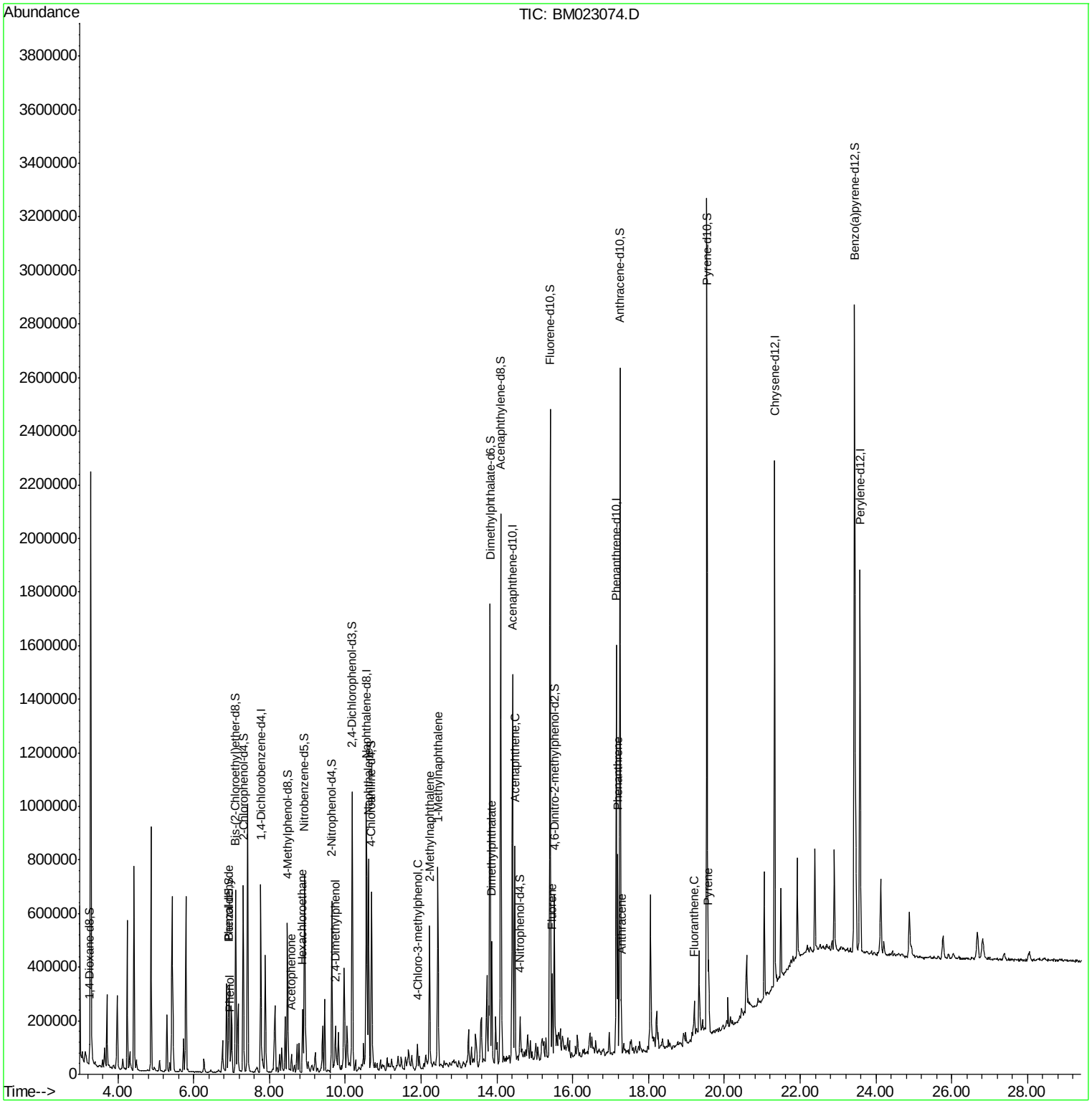
(#) = qualifier out of range (m) = manual integration (+) = signals summed

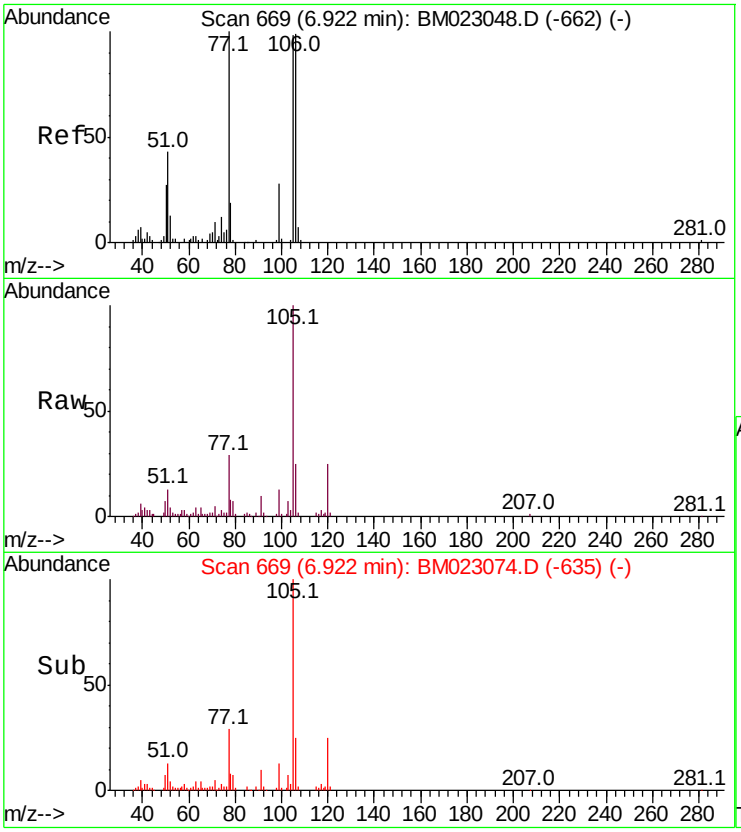
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023074.D
Acq On : 09 Oct 2019 08:58
Operator : JU
Sample : K5028-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 09 09:41:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration



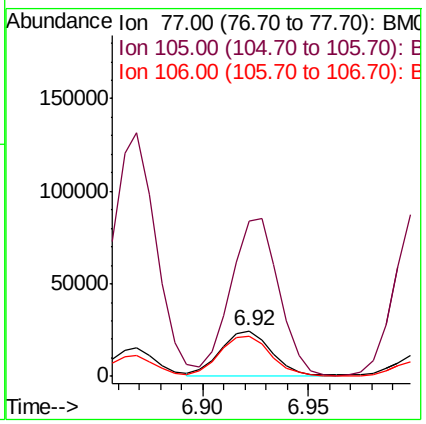


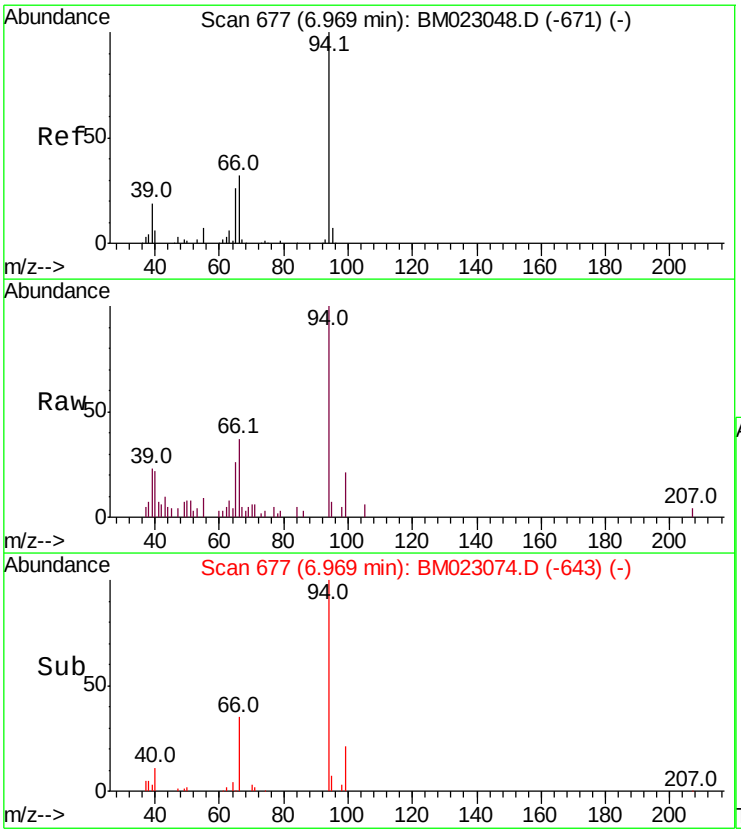
#4
Benzaldehyde
Concen: 5.350 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 41778

Ion	Ratio	Lower	Upper
77	100		
105	341.8	80.6	120.8#
106	87.1	77.0	115.6

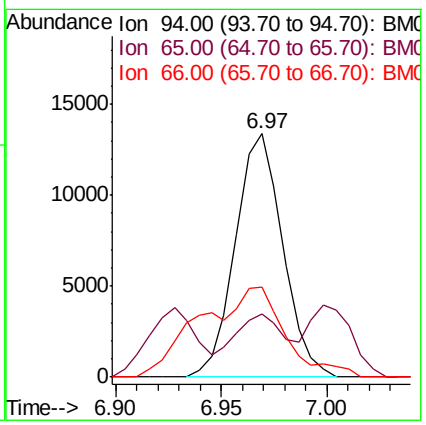


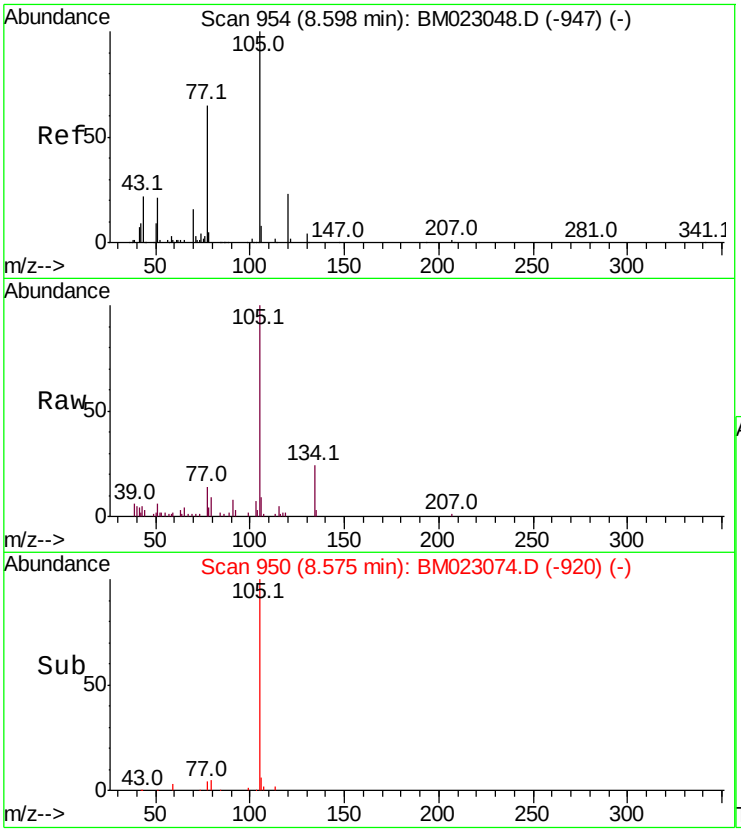


#6
Phenol
Concen: 1.155 ng/ul
RT: 6.97 min Scan# 677
Delta R.T. -0.00 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion: 94 Resp: 20873

Ion	Ratio	Lower	Upper
94	100		
65	25.9	20.9	31.3
66	37.0	27.2	40.8



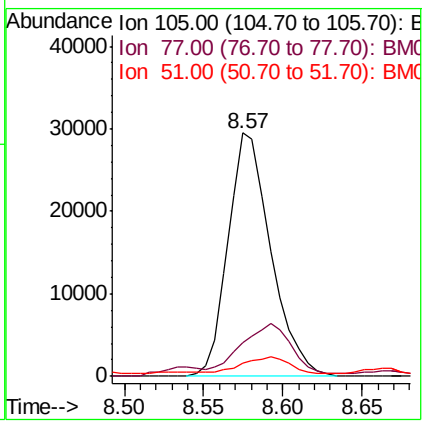


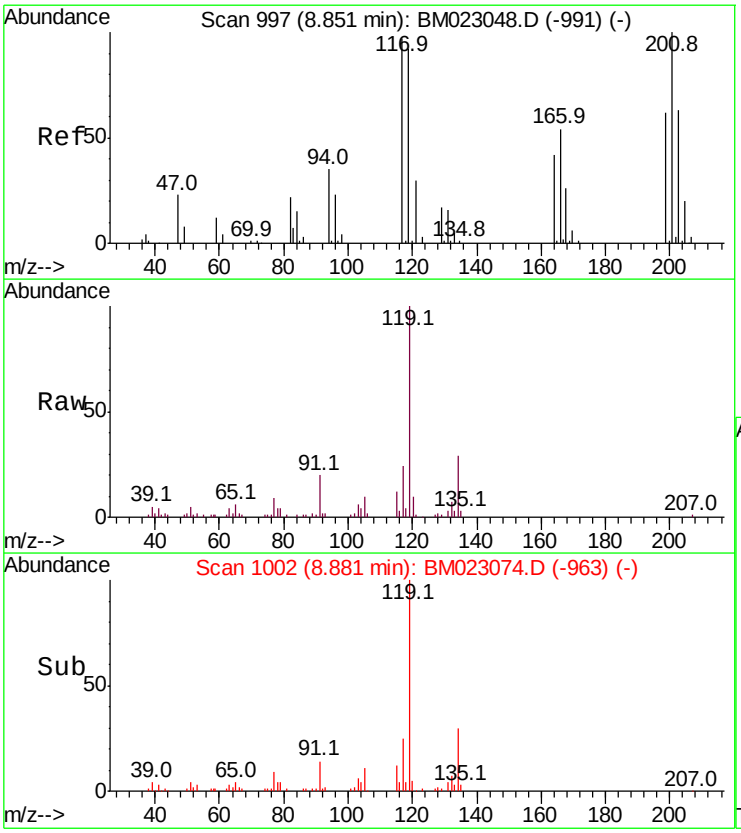
#14
Acetophenone
Concen: 2.561 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 55232

Ion	Ratio	Lower	Upper
105	100		
77	13.7	59.4	89.0#
51	5.5	19.4	29.0#

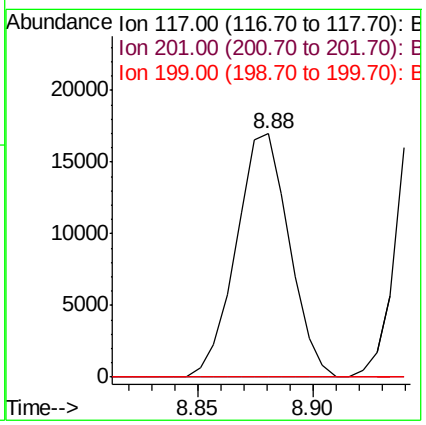


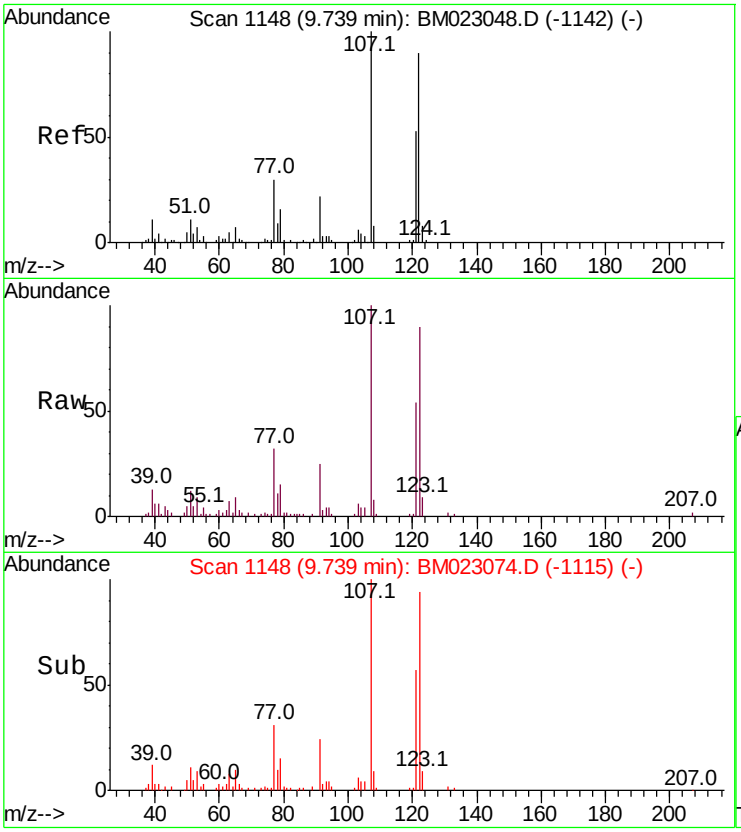


#17
Hexachloroethane
Concen: 4.807 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:117 Resp: 27190

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#



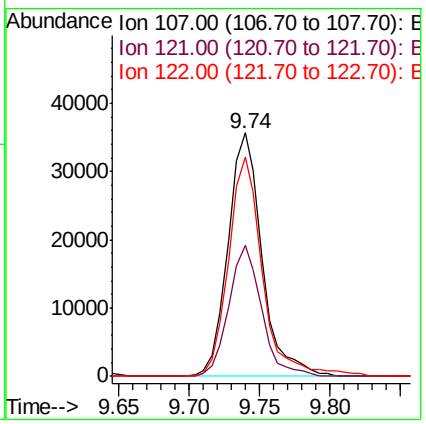


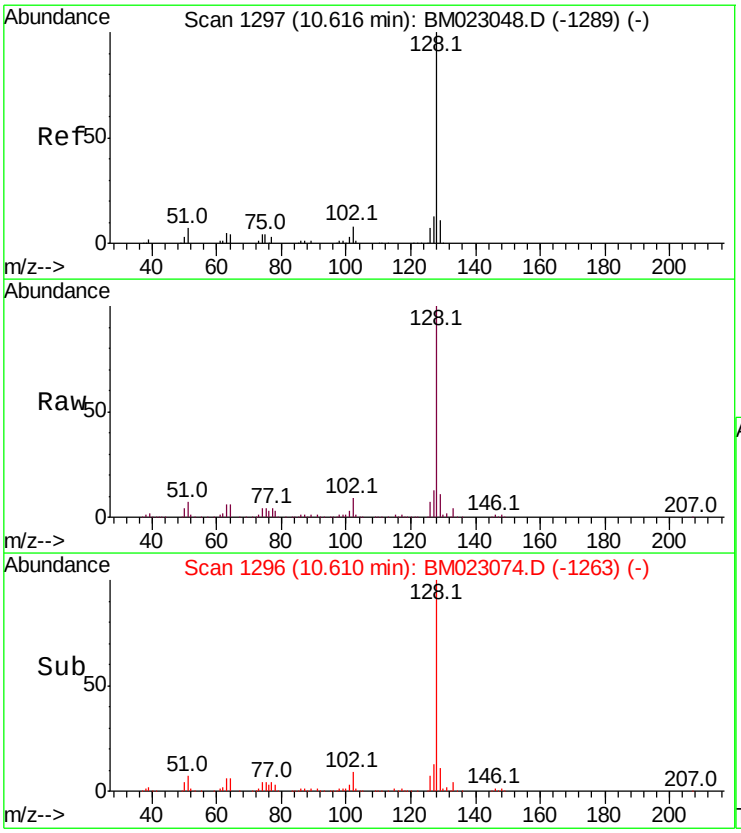
#24
2,4-Dimethylphenol
Concen: 3.892 ng/ul
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 59792

Ion	Ratio	Lower	Upper
107	100		
121	54.0	43.0	64.4
122	90.0	71.4	107.0

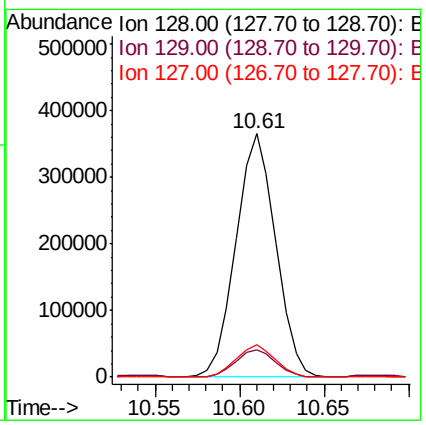


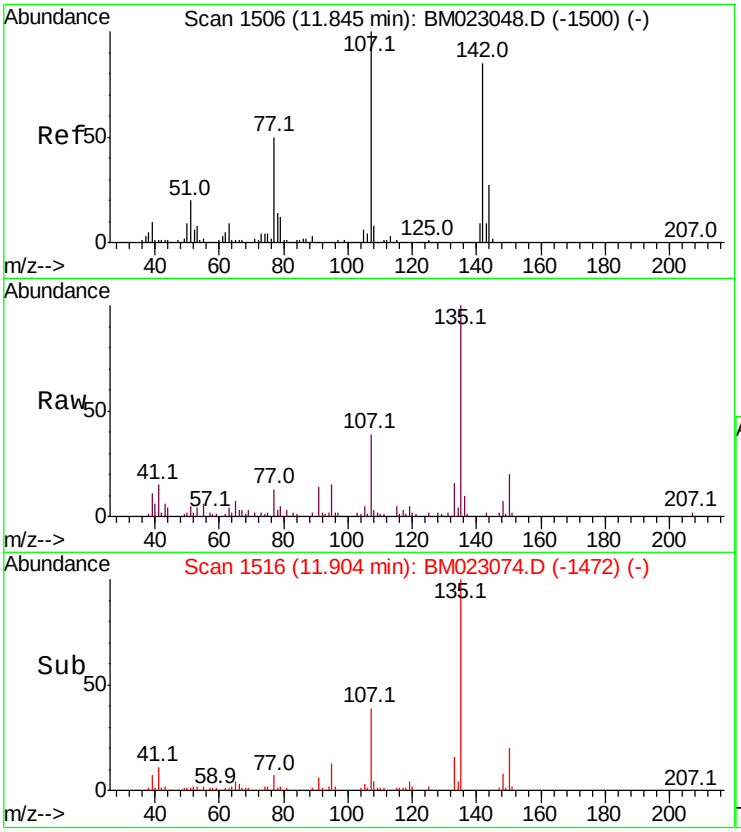


#28
Naphthalene
Concen: 13.529 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:128 Resp: 598115

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.1	10.2	15.4



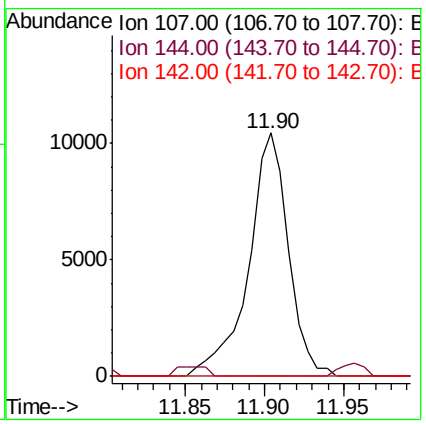


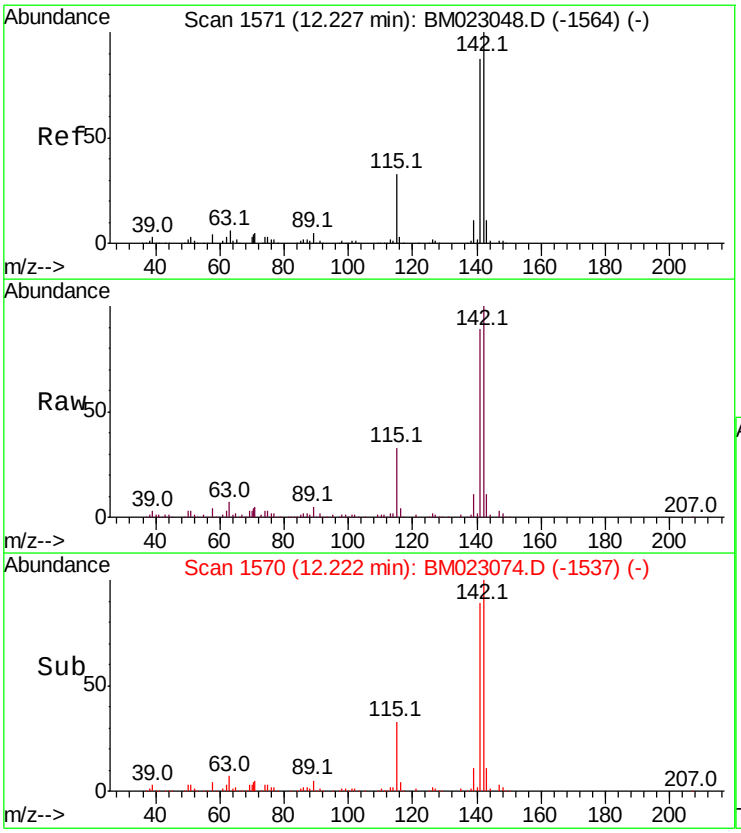
#33
4-Chloro-3-methylphenol
Concen: 1.277 ng/ul
RT: 11.90 min Scan# 1516
Delta R.T. 0.06 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 18277

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.5	33.7#
142	0.0	68.9	103.3#

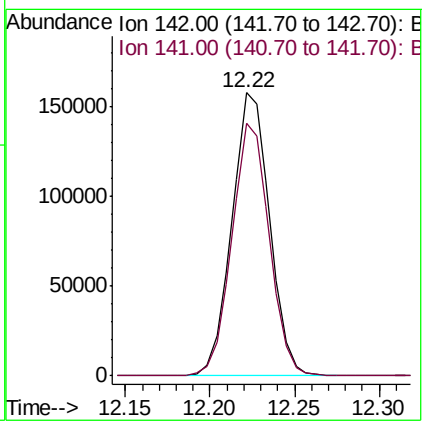


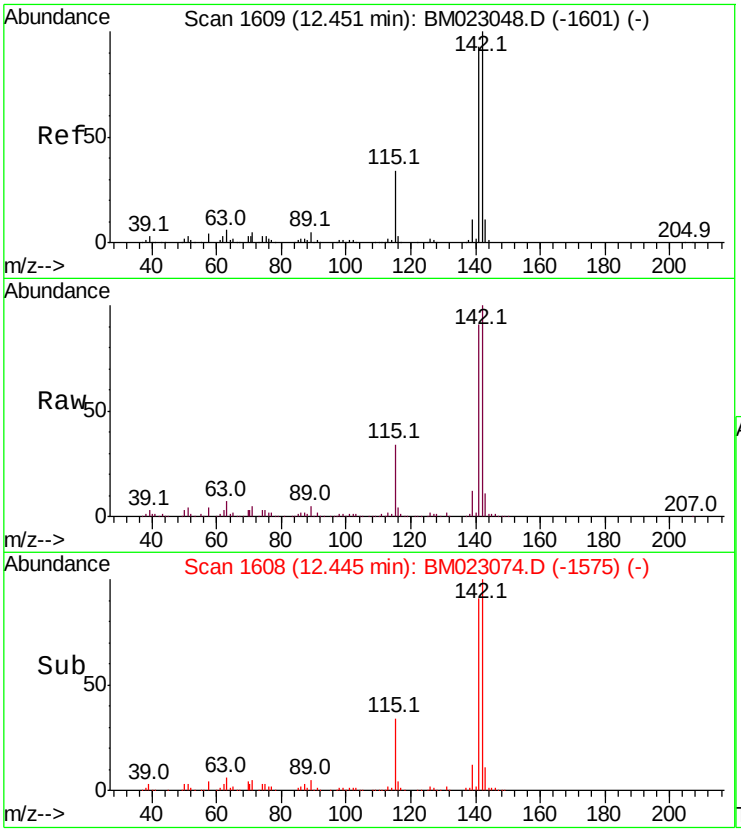


#34
2-Methylnaphthalene
Concen: 7.383 ng/ul
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:142 Resp: 244708

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8



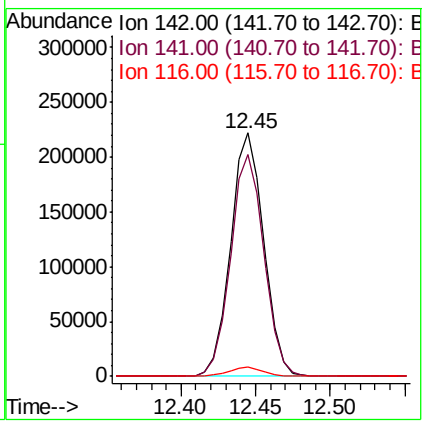


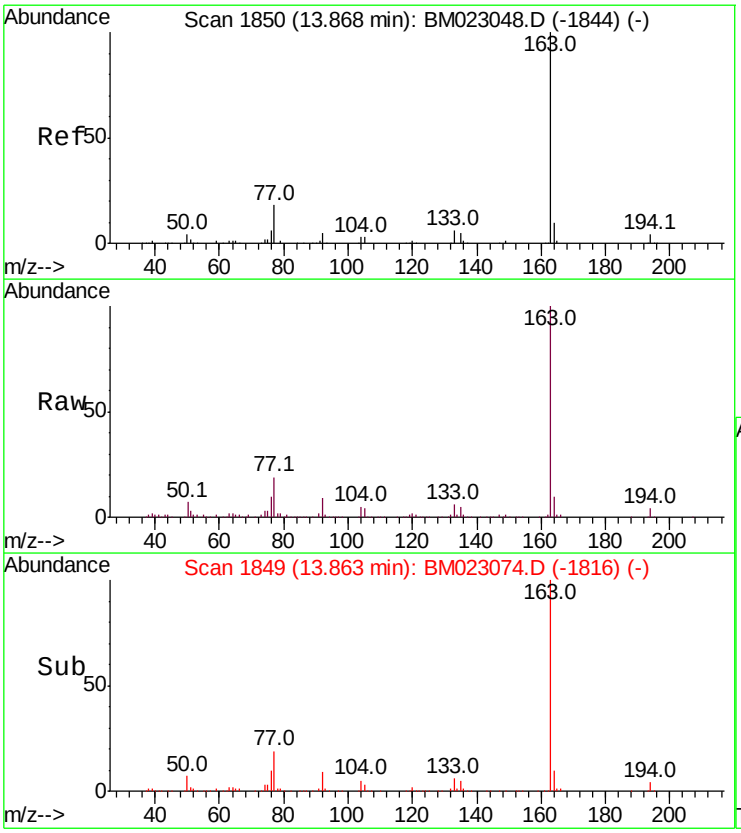
#35
1-Methylnaphthalene
Concen: 10.840 ng/ul
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 343161

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
116	3.6	2.9	4.3

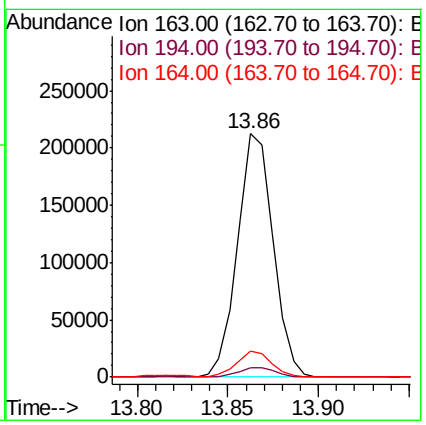


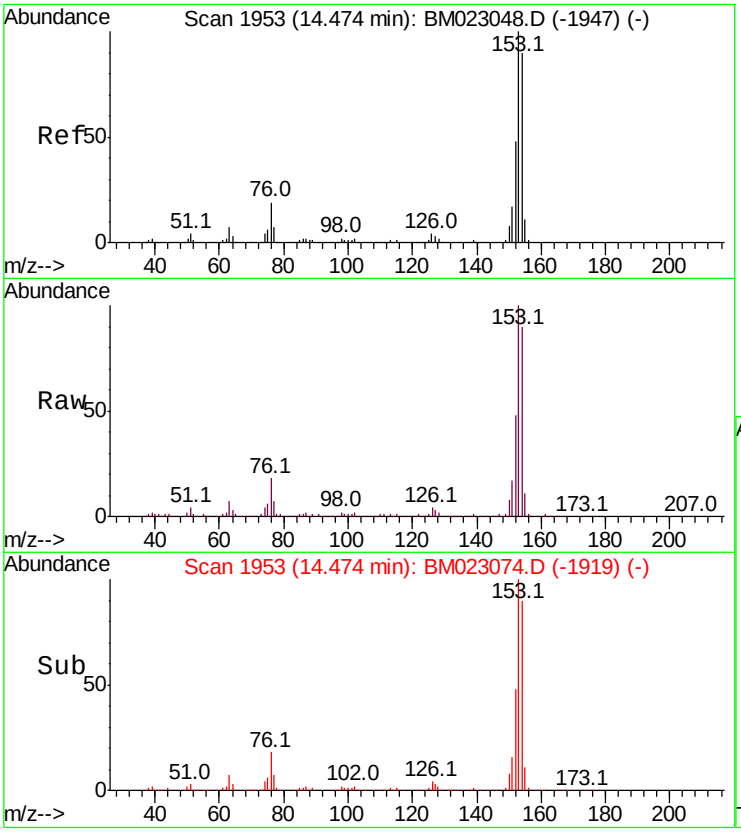


#45
Dimethylphthalate
Concen: 7.707 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:163 Resp: 292138

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.4	8.1	12.1



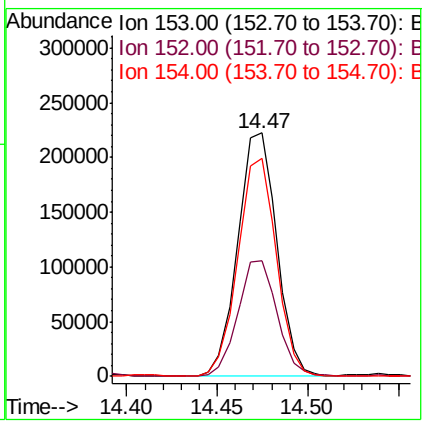


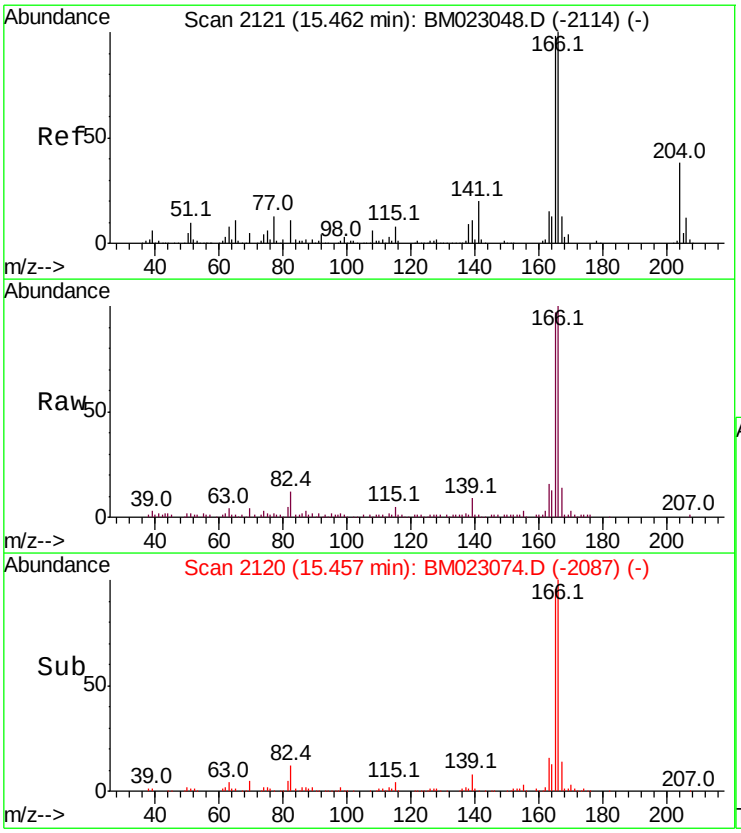
#50
Acenaphthene
Concen: 10.400 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 333196

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.1	57.1
154	89.7	71.1	106.7

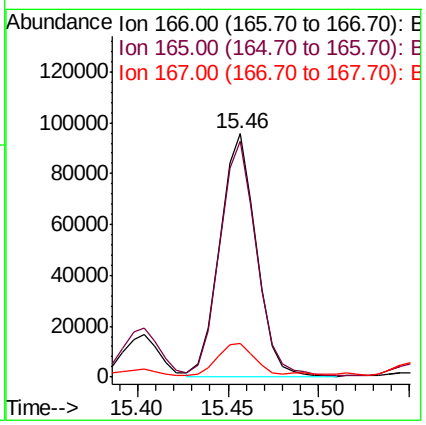


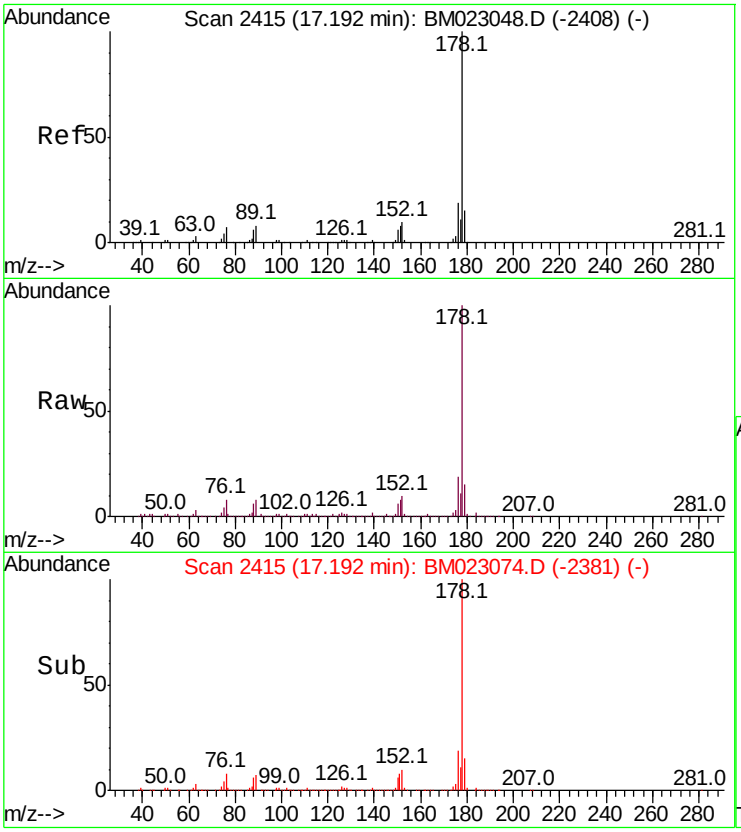


#59
Fluorene
Concen: 3.575 ng/ul
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:166 Resp: 132183

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.7	116.5
167	13.9	11.0	16.4



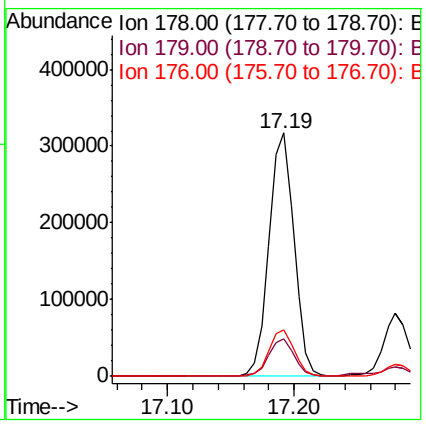


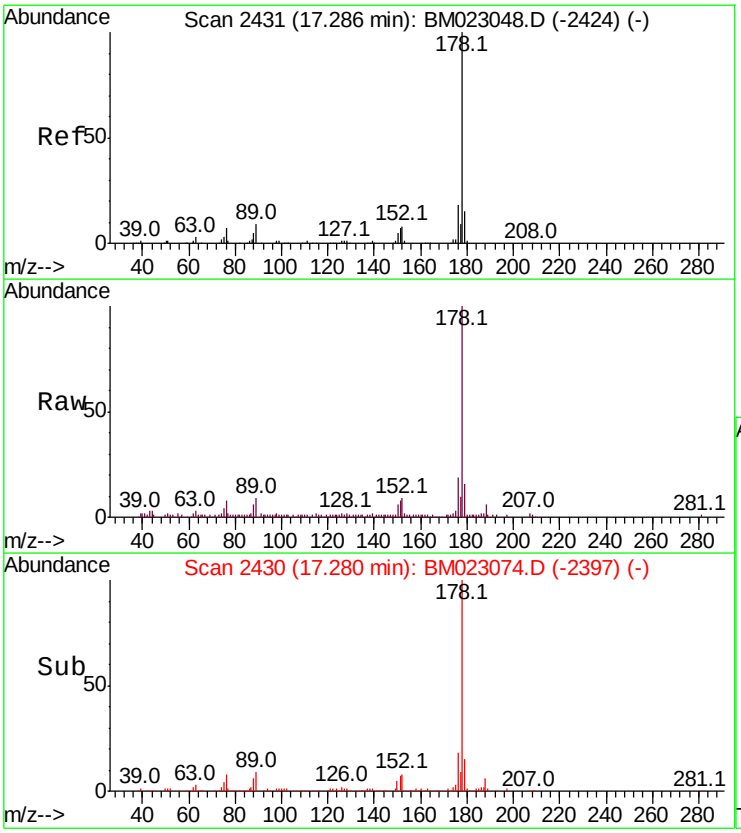
#70
Phenanthrene
Concen: 8.115 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 435579

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.0	15.3	22.9

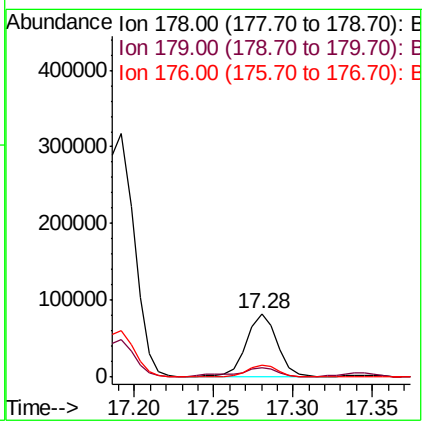


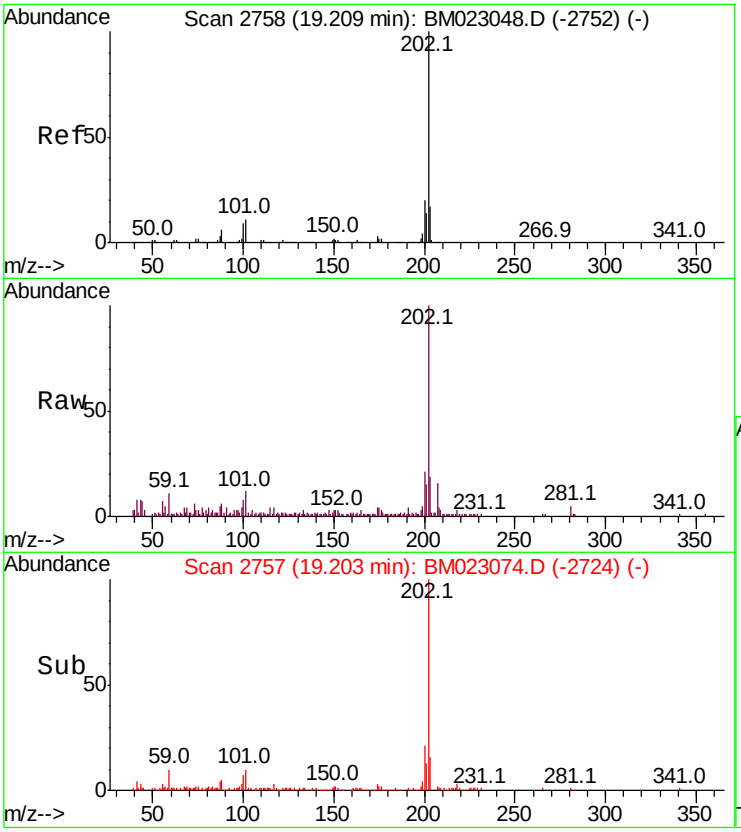


#72
Anthracene
Concen: 2.045 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:178 Resp: 111826

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.8	15.0	22.6



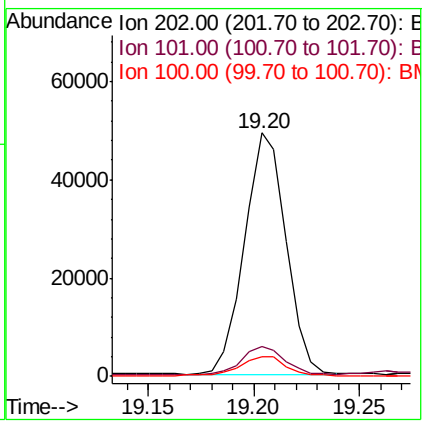


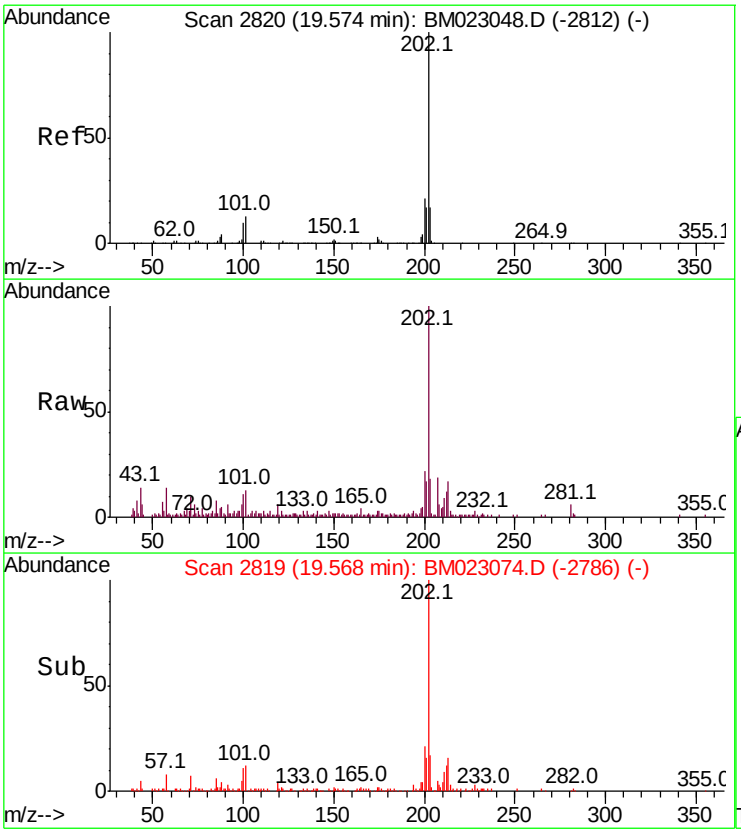
#77
Fluoranthene
Concen: 1.107 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 66813

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.6	12.8
100	8.0	6.4	9.6





#80
Pyrene
Concen: 1.295 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:202 Resp: 80366

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	10.5	7.8	11.8