Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023308.D
Acq On : 20 Oct 2019 04:13
Operator : JU
Sample : K5344-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 21 01:55:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	426503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1655157	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	996758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1983330	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2071666	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2545793	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	57287	5.91	ng/uL	0.00
5) Phenol-d5	6.82	99	184274	4.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	411860	19.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	488764	17.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	336488	11.28	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	282814	25.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	302603	28.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	597848	22.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	35145	1.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1929010	25.25	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2201307	24.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	85527	6.92	ng/ul	0.00
58) Fluorene-d10	15.29	176	1683272	25.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	268423	34.14	ng/ul	0.00
71) Anthracene-d10	17.14	188	2632520	27.53	ng/ul	0.00
79) Pyrene-d10	19.43	212	2910087	29.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3587602	27.80	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	127711	3.334	ng/ul	100
11) 2-Methylphenol	8.09	108	59277	2.019	ng/ul	93
14) Acetophenone	8.46	105	65803	1.415	ng/ul#	49
16) 4-Methylphenol	8.42	108	239131	7.489	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	234583	7.191	ng/ul	97
28) Naphthalene	10.48	128	3957337	46.258	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	914155	14.360	ng/ul	98
35) 1-Methylnaphthalene	12.32	142	730546	11.858	ng/ul	99
45) Dimethylphthalate	13.76	163	1336709	17.484	ng/ul	99
50) Acenaphthene	14.36	153	304293	4.771	ng/ul	98
59) Fluorene	15.34	166	176936	2.382	ng/ul	98
70) Phenanthrene	17.08	178	485549	4.362	ng/ul	99
72) Anthracene	17.17	178	118885	1.034	ng/ul	94
77) Fluoranthene	19.10	202	132891	1.004	ng/ul	96
80) Pyrene	19.46	202	163325	1.258	ng/ul#	94

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

Quantitation Report (Not Reviewed)

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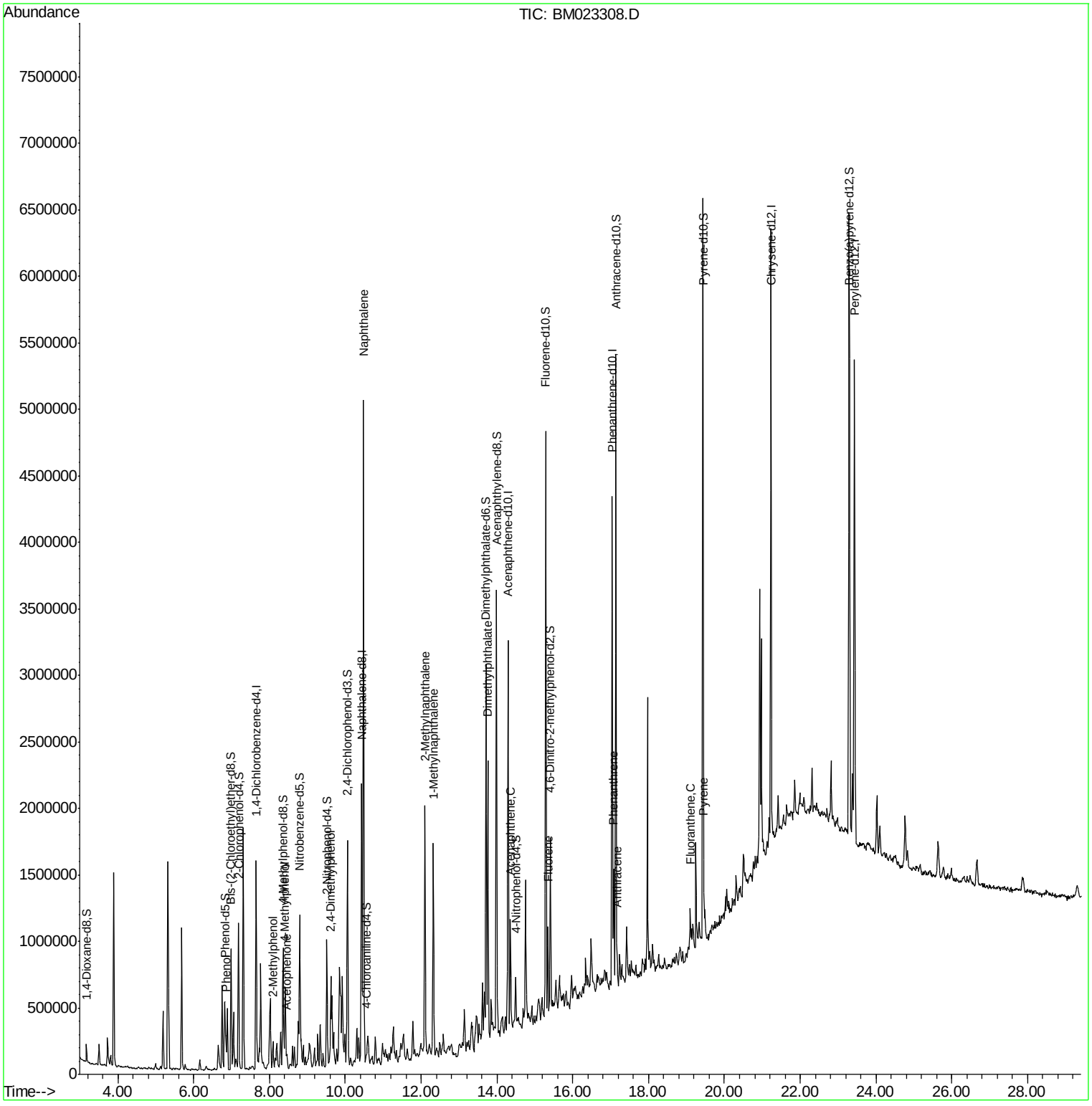
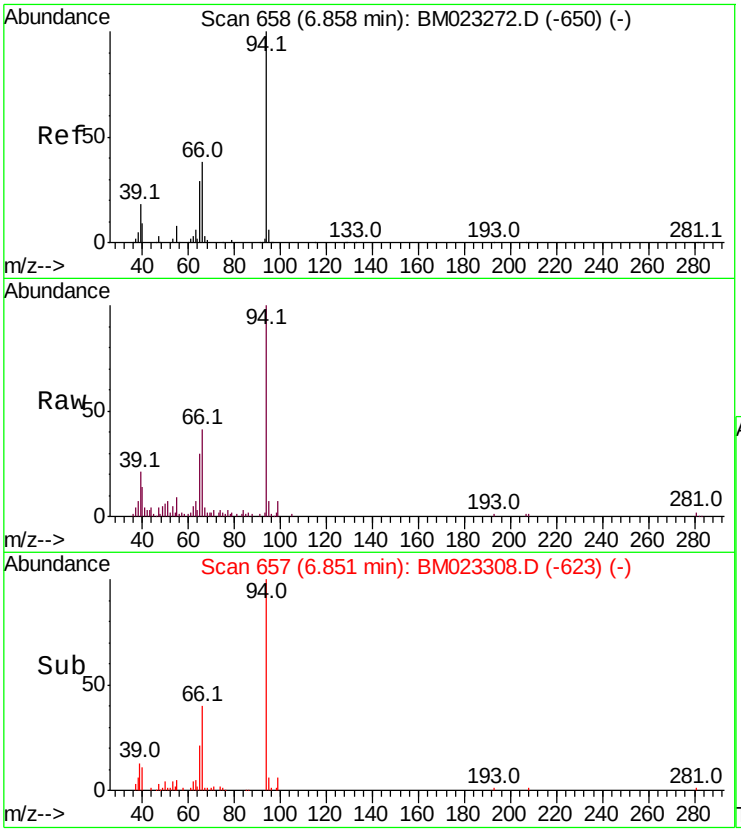
Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 21 01:55:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration



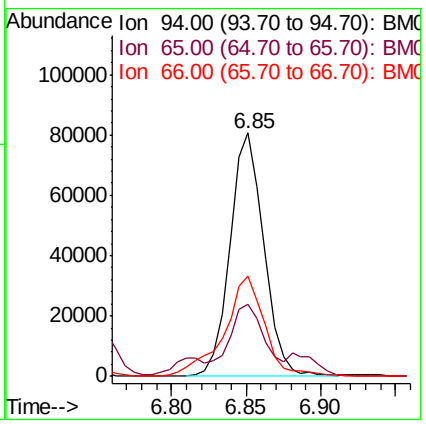


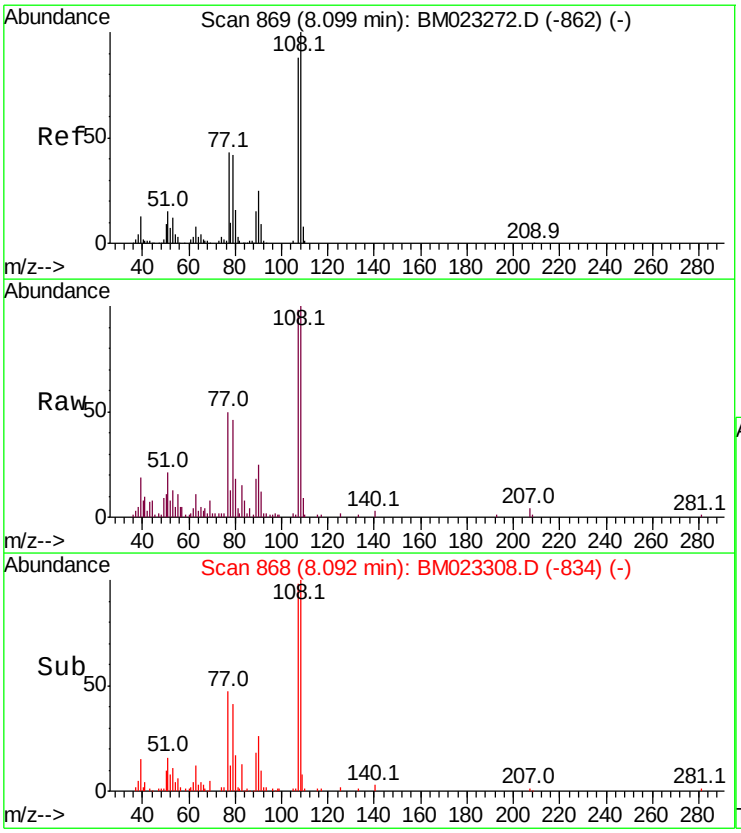
#6
Phenol
Concen: 3.334 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 127711

Ion	Ratio	Lower	Upper
94	100		
65	29.5	23.7	35.5
66	41.0	32.9	49.3

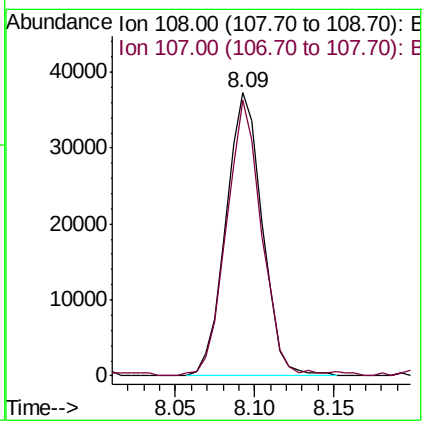


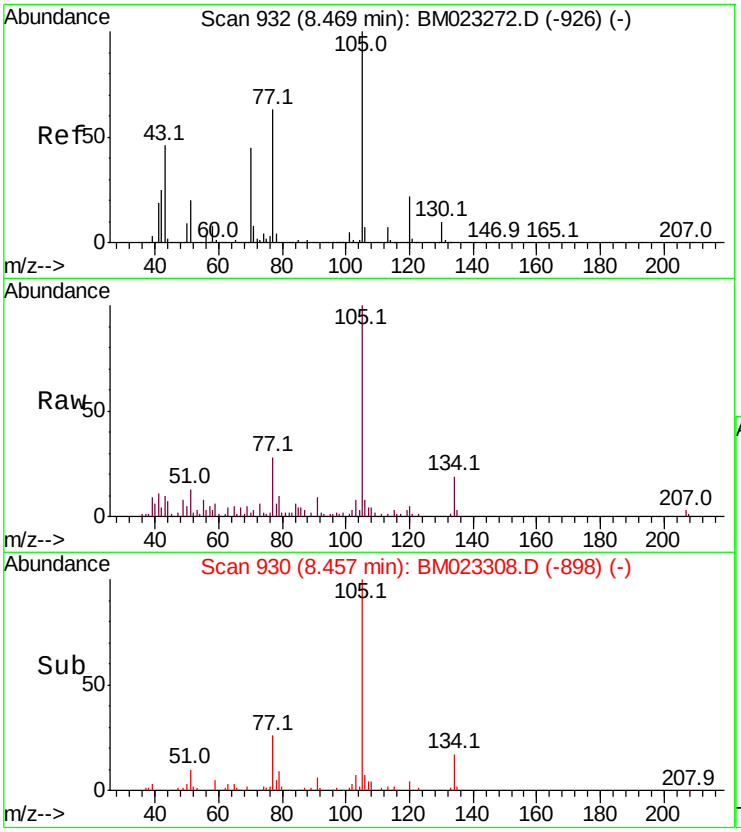


#11
2-Methylphenol
Concen: 2.019 ng/ul
RT: 8.09 min Scan# 868
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:108 Resp: 59277

Ion	Ratio	Lower	Upper
108	100		
107	97.6	72.9	109.3



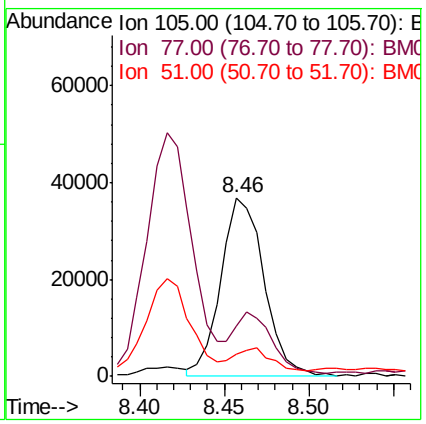


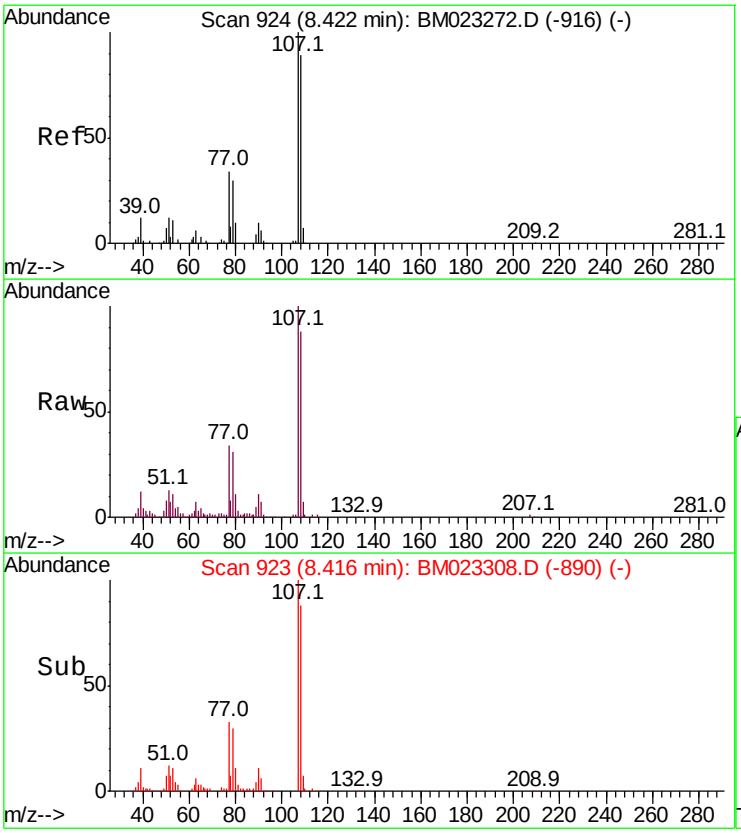
#14
Acetophenone
Concen: 1.415 ng/ul
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 65803

Ion	Ratio	Lower	Upper
105	100		
77	28.4	63.9	95.9#
51	12.6	21.6	32.4#

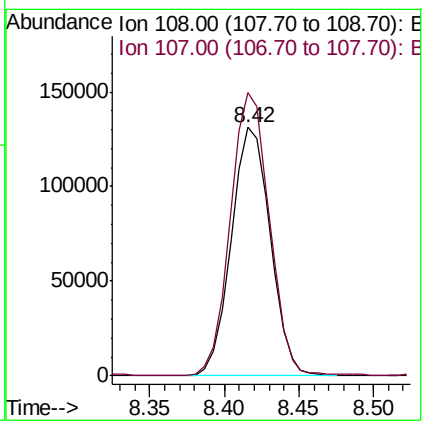


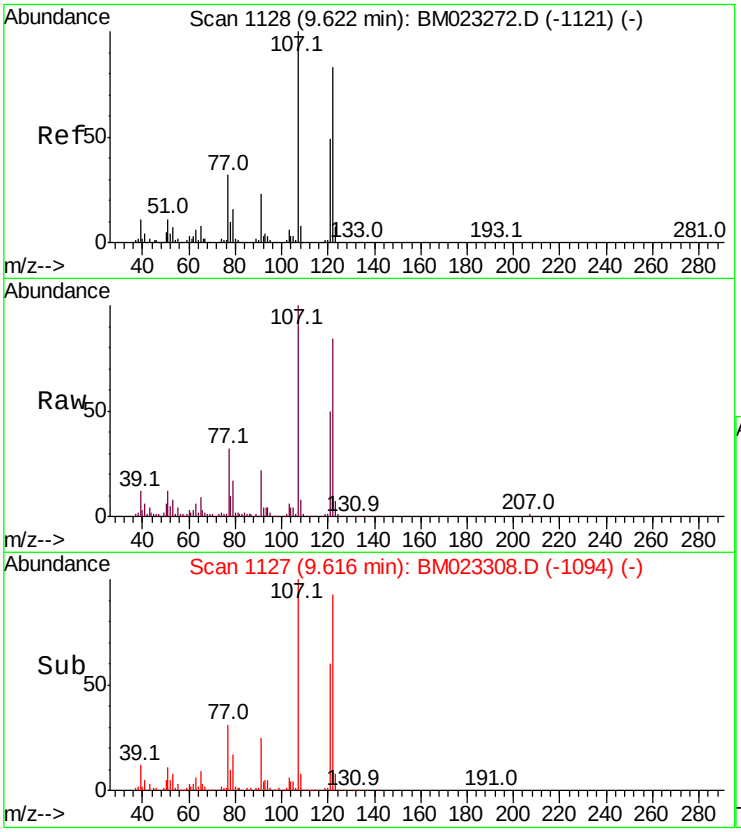


#16
4-Methylphenol
Concen: 7.489 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:108 Resp: 239131

Ion	Ratio	Lower	Upper
108	100		
107	113.8	89.3	133.9



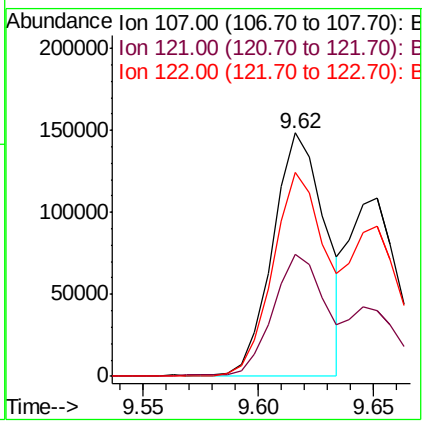


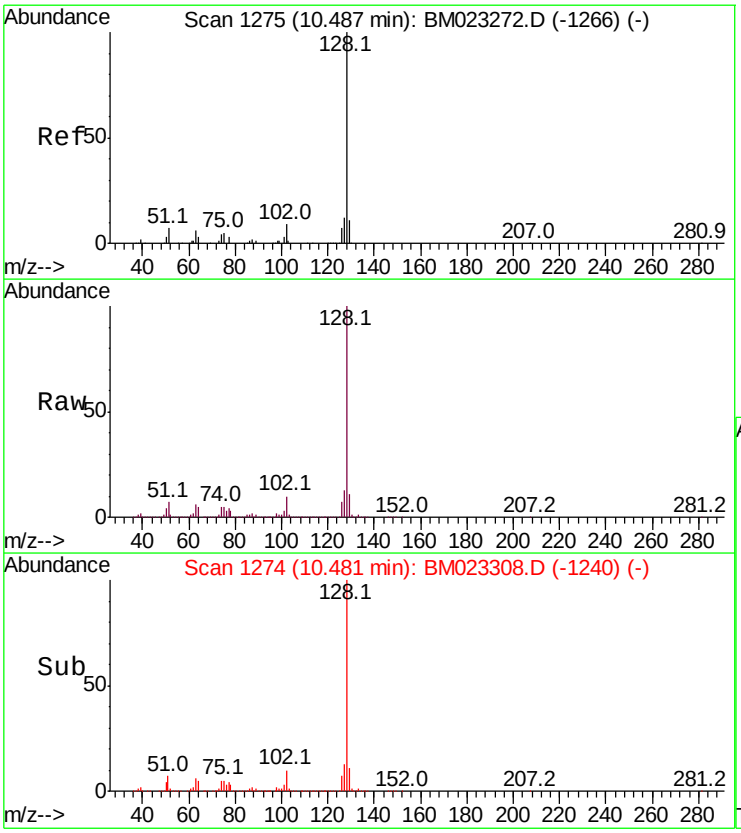
#24
2,4-Dimethylphenol
Concen: 7.191 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 234583

Ion	Ratio	Lower	Upper
107	100		
121	50.2	39.0	58.4
122	83.9	64.7	97.1

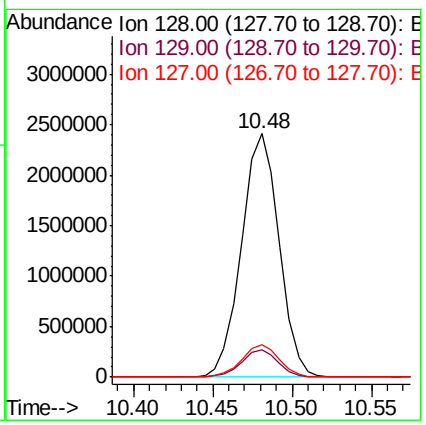


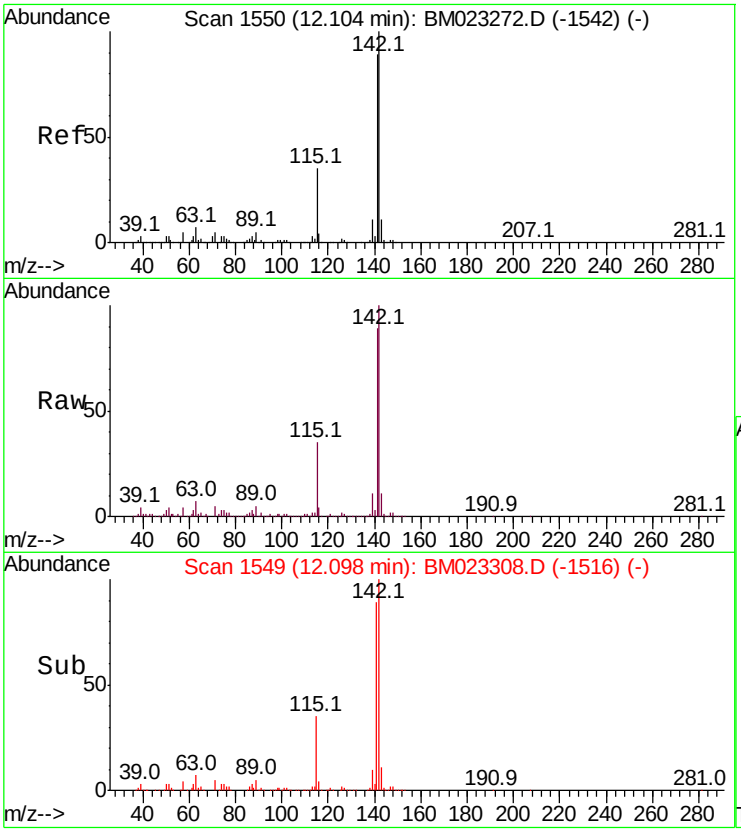


#28
Naphthalene
Concen: 46.258 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:128 Resp: 3957337

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.2	10.2	15.4



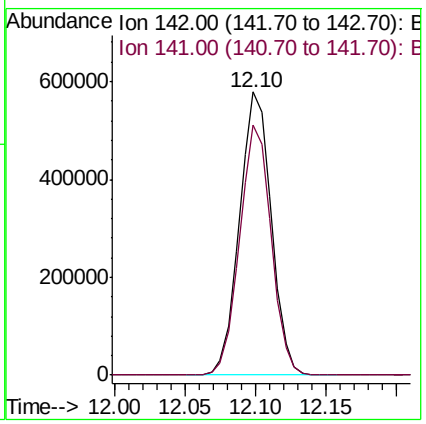


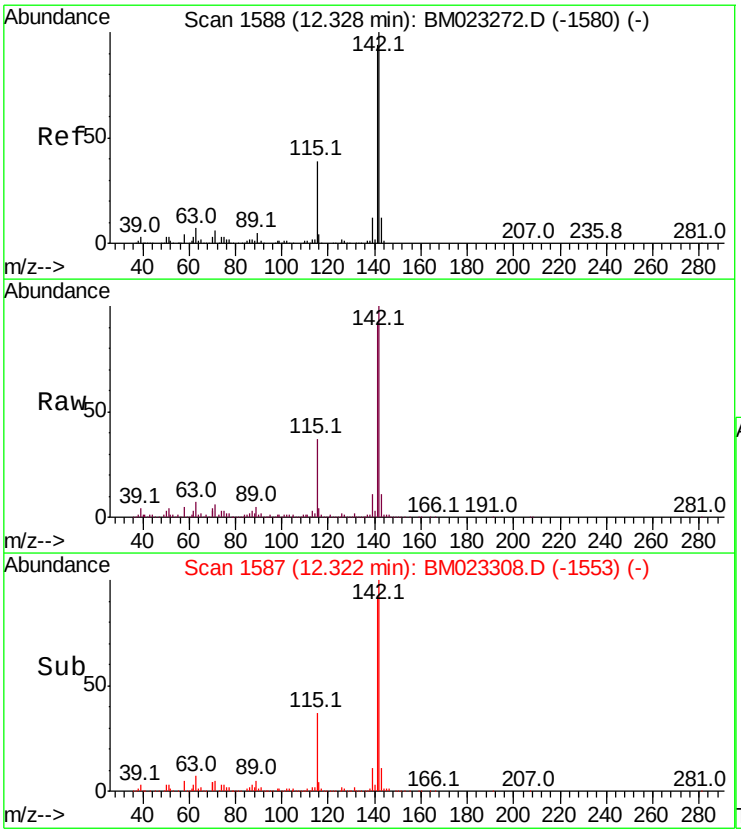
#34
2-Methylnaphthalene
Concen: 14.360 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 914155

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.1	108.1

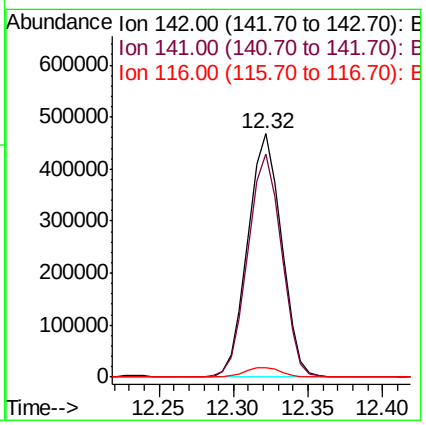


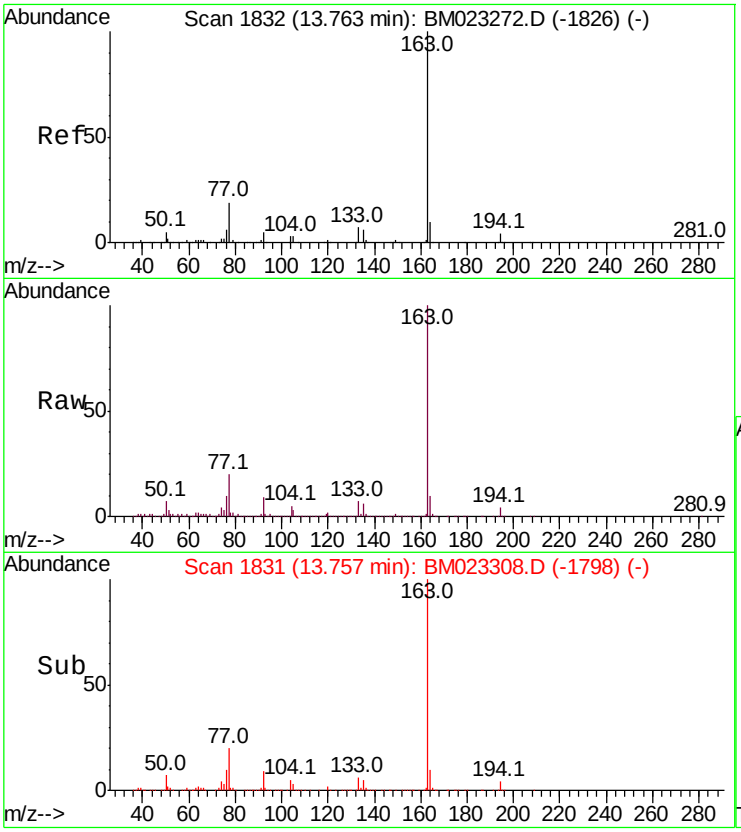


#35
1-Methylnaphthalene
Concen: 11.858 ng/ul
RT: 12.32 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:142 Resp: 730546

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.2
116	4.1	3.3	4.9



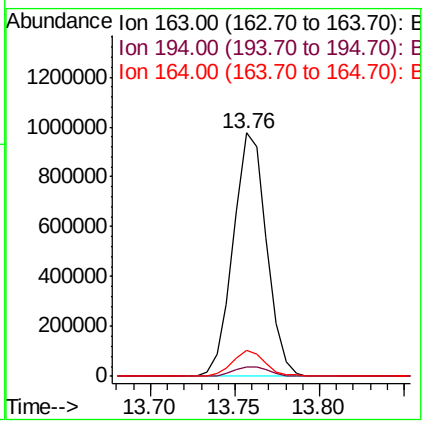


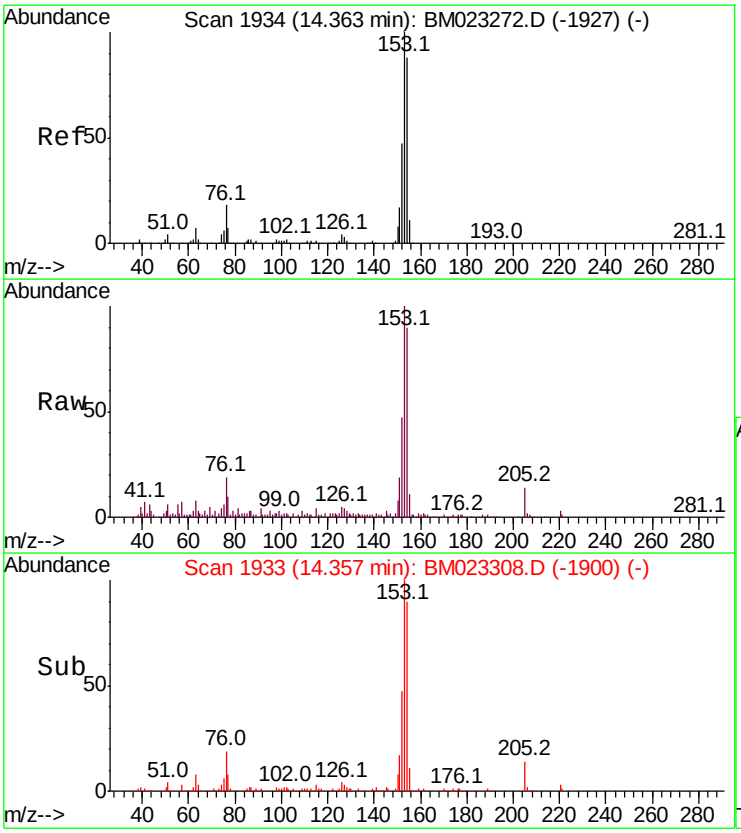
#45
Dimethylphthalate
Concen: 17.484 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 1336709

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	8.0	12.0

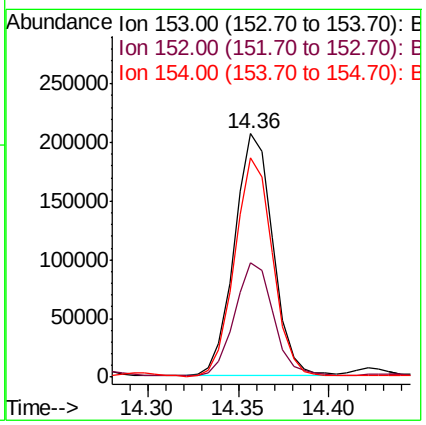


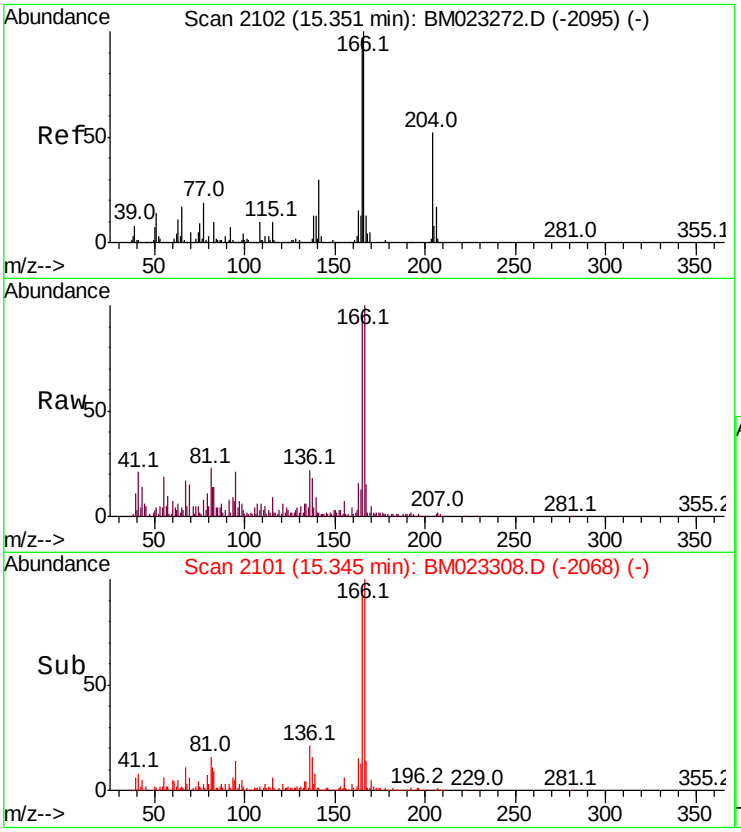


#50
Acenaphthene
Concen: 4.771 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:153 Resp: 304293

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.0	57.0
154	90.1	70.4	105.6



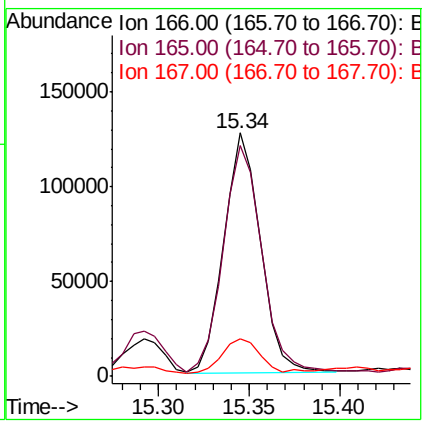


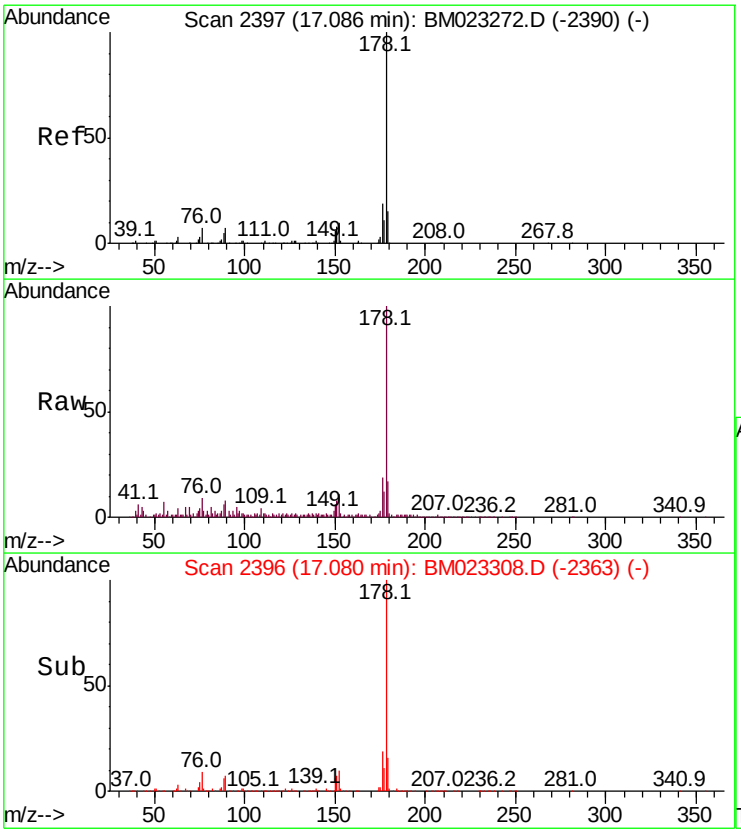
#59
Fluorene
Concen: 2.382 ng/ul
RT: 15.34 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 176936

Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.4	116.0
167	15.2	10.8	16.2

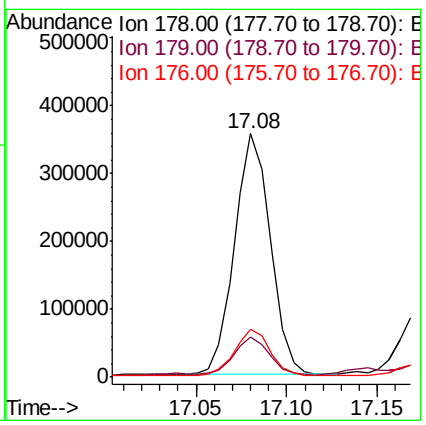


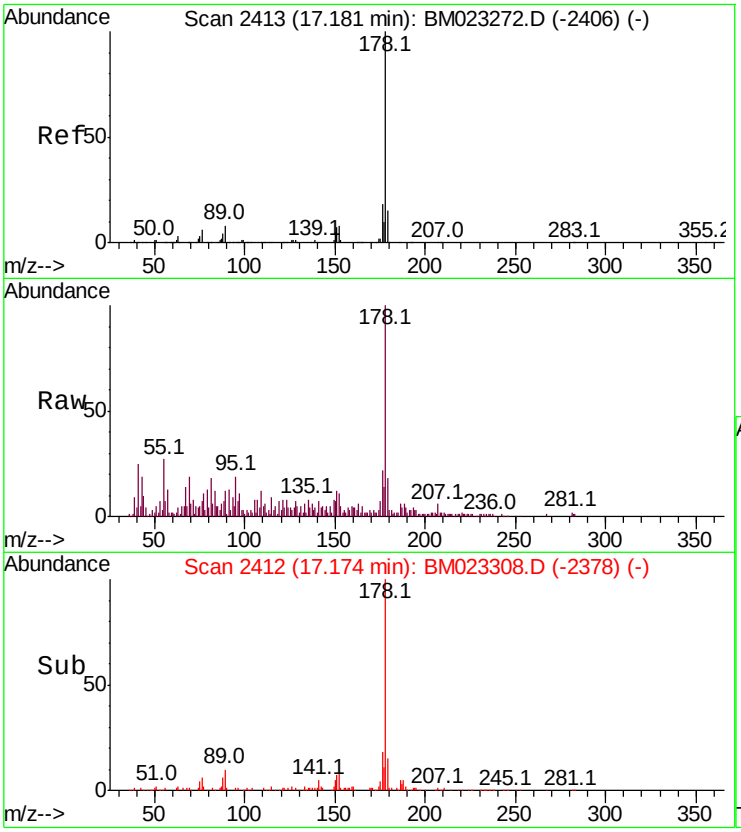


#70
Phenanthrene
Concen: 4.362 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:178 Resp: 485549

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	19.5	15.5	23.3



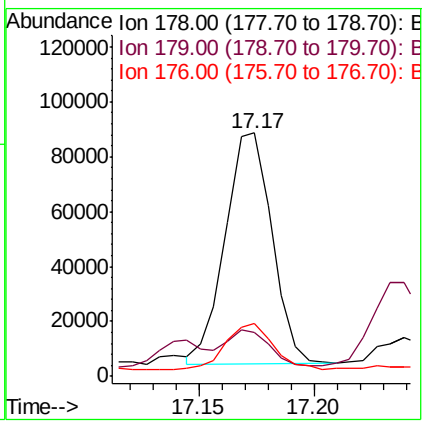


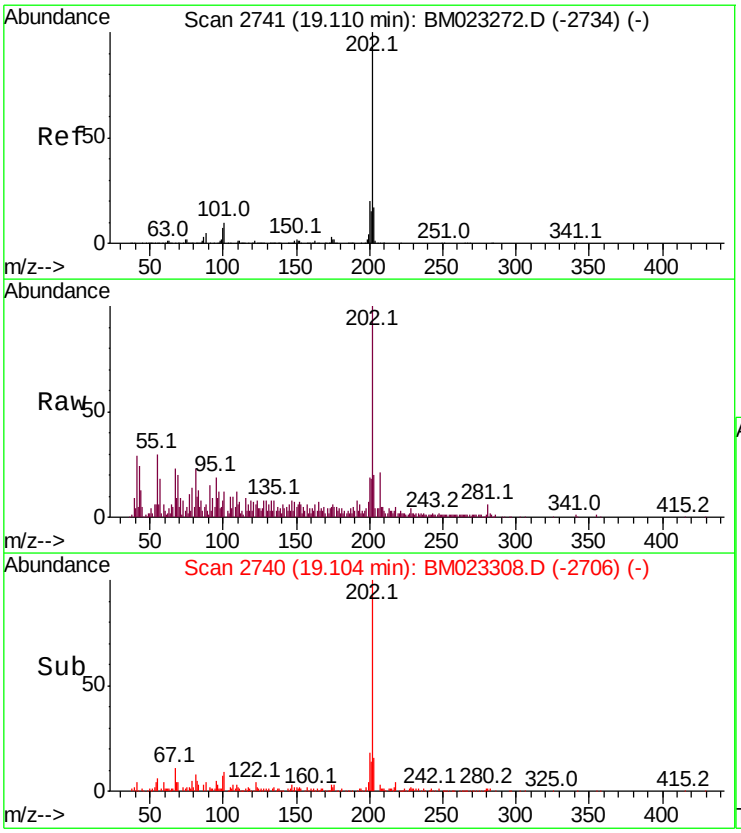
#72
Anthracene
Concen: 1.034 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 118885

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	21.5	15.0	22.4

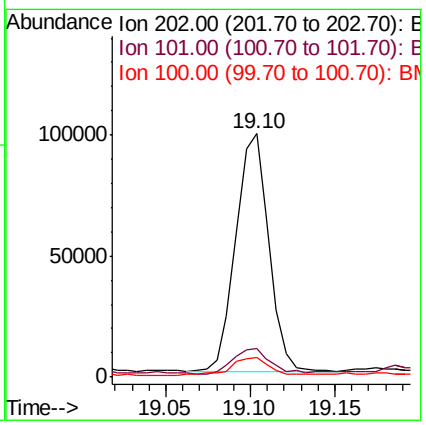


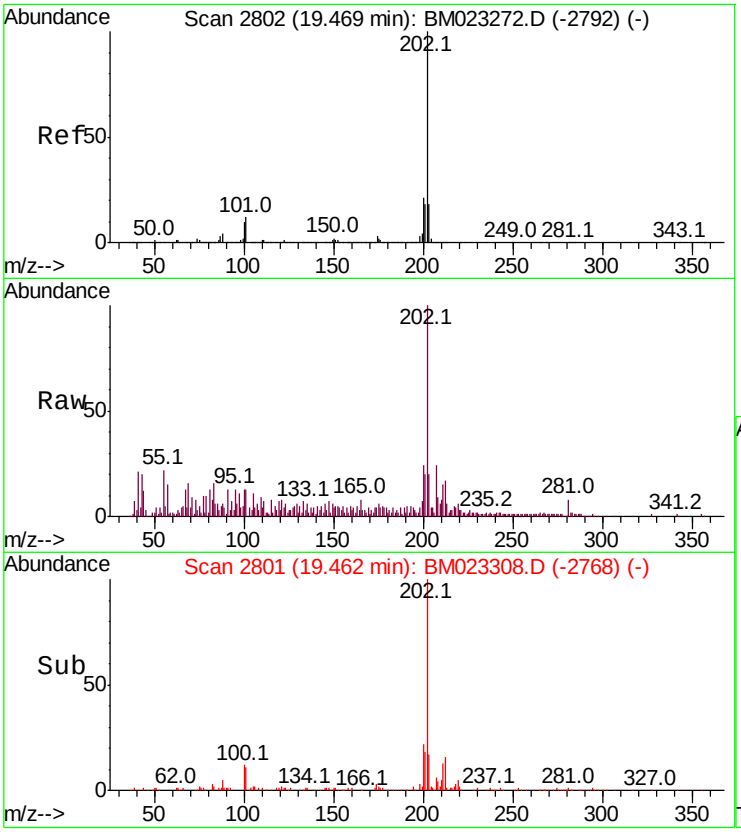


#77
Fluoranthene
Concen: 1.004 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Tgt Ion:202 Resp: 132891

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.8
100	8.2	6.1	9.1





#80
Pyrene
Concen: 1.258 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM023308.D
Acq: 20 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 163325

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.1	13.7
100	12.5	7.5	11.3#