Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023122.D
Acq On : 11 Oct 2019 10:32
Operator : JU
Sample : K5124-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 22:47:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	188202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	706865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	360887	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	667724	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	668950	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	807088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17221	3.96	ng/uL	0.00
5) Phenol-d5	6.94	99	304897	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	192642	21.17	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	277666	20.74	ng/ul	-0.01
13) 4-Methylphenol-d8	8.47	113	240688	17.68	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	128427	23.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	133127	22.35	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	236619	19.95	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	83237	5.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	623097	22.25	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	757860	23.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	47204	8.53	ng/ul	0.00
58) Fluorene-d10	15.40	176	520310	21.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	55848	12.85	ng/ul	0.00
71) Anthracene-d10	17.24	188	747755	22.93	ng/ul	0.00
79) Pyrene-d10	19.54	212	811504	22.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	953358	22.83	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	13513	1.793	ng/ul	97
6) Phenol	6.96	94	67007	3.844	ng/ul	99
16) 4-Methylphenol	8.53	108	69181	4.657	ng/ul	90
28) Naphthalene	10.60	128	108711	2.848	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	40544	1.417	ng/ul	98
35) 1-Methylnaphthalene	12.44	142	53154	1.944	ng/ul	97
45) Dimethylphthalate	13.86	163	210380	7.312	ng/ul	99
48) Acenaphthylene	14.13	152	329927	9.451	ng/ul	100
50) Acenaphthene	14.47	153	90638	3.727	ng/ul	99
54) Dibenzofuran	14.80	168	81480	2.346	ng/ul	98
59) Fluorene	15.45	166	102070	3.637	ng/ul	98
70) Phenanthrene	17.19	178	2954156	74.130	ng/ul	99
72) Anthracene	17.28	178	346205	8.526	ng/ul	100
75) Carbazole	17.54	167	428298	11.868	ng/ul	99
77) Fluoranthene	19.21	202	4420684	98.632	ng/ul	100
80) Pyrene	19.57	202	4397058	92.725	ng/ul	99
81) Butylbenzylphthalate	20.47	149	36843	1.889	ng/ul	88
83) Benzo(a)anthracene	21.32	228	1809191	37.670	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.25	149	68282	2.464	ng/ul#	96
85) Chrysene	21.37	228	2282897	51.555	ng/ul	97
88) Benzo(b)fluoranthene	22.92	252	4186970	78.173	ng/ul#	92
89) Benzo(k)fluoranthene	22.92	252	4186970	81.710	ng/ul#	91
91) Benzo(a)pyrene	23.50	252	2566138	51.069	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023122.D
Acq On : 11 Oct 2019 10:32
Operator : JU
Sample : K5124-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 22:47:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.89	276	1842784	34.527	ng/ul	96
93) Dibenzo(a,h)anthracene	25.89	278	408464	9.148	ng/ul#	87
94) Benzo(g,h,i)perylene	26.60	276	1805707	41.935	ng/ul	98

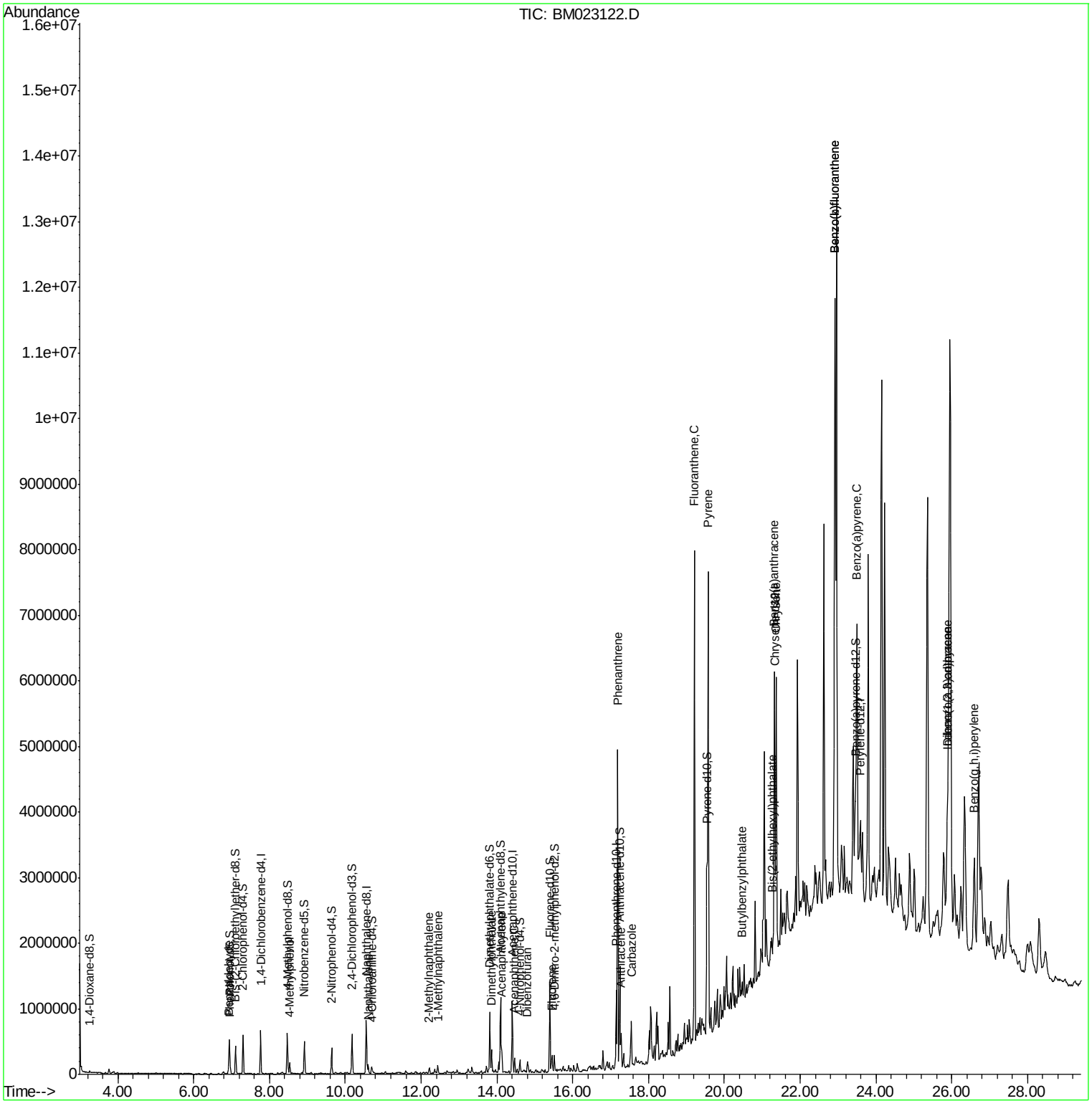
(#) = qualifier out of range (m) = manual integration (+) = signals summed

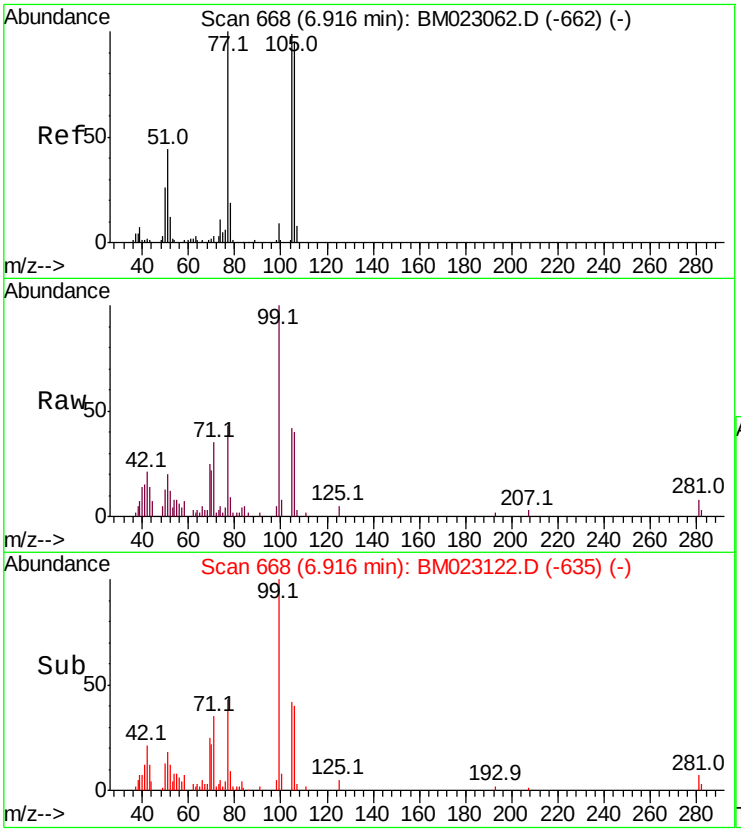
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023122.D
Acq On : 11 Oct 2019 10:32
Operator : JU
Sample : K5124-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 22:47:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration



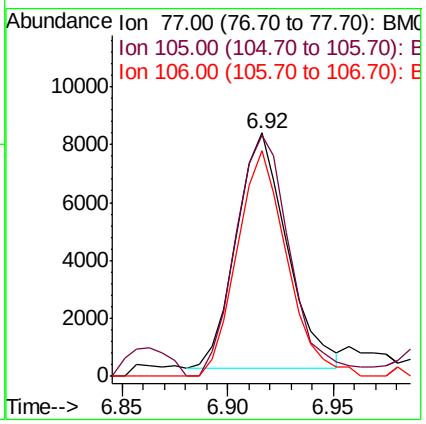


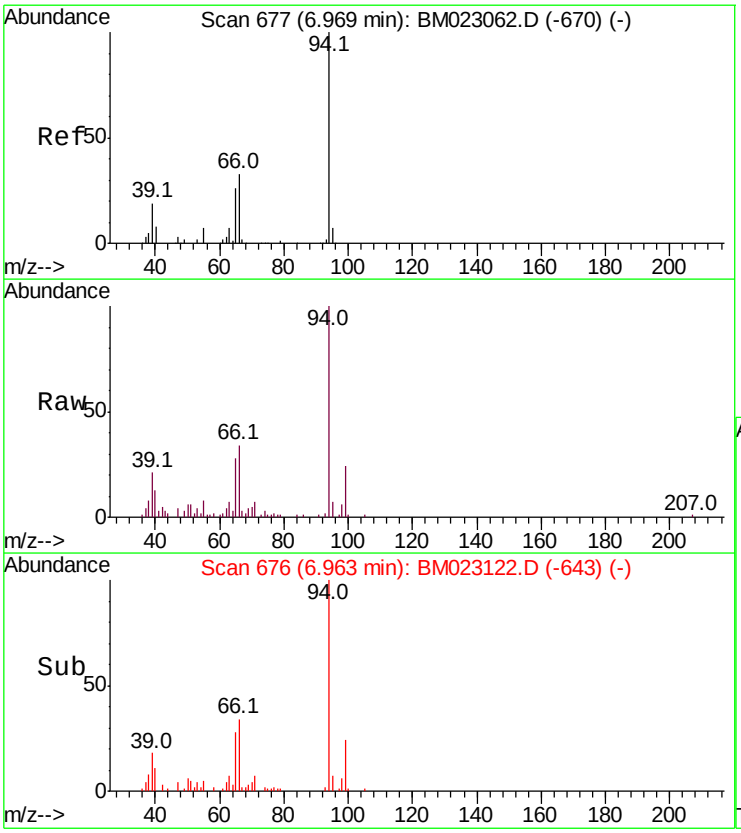
#4
Benzaldehyde
Concen: 1.793 ng/ul
RT: 6.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 13513

Ion	Ratio	Lower	Upper
77	100		
105	99.1	80.6	120.8
106	92.8	77.0	115.6

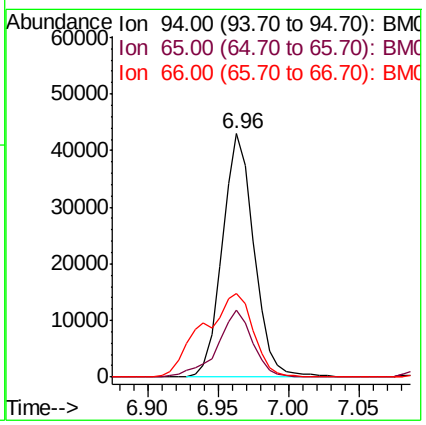


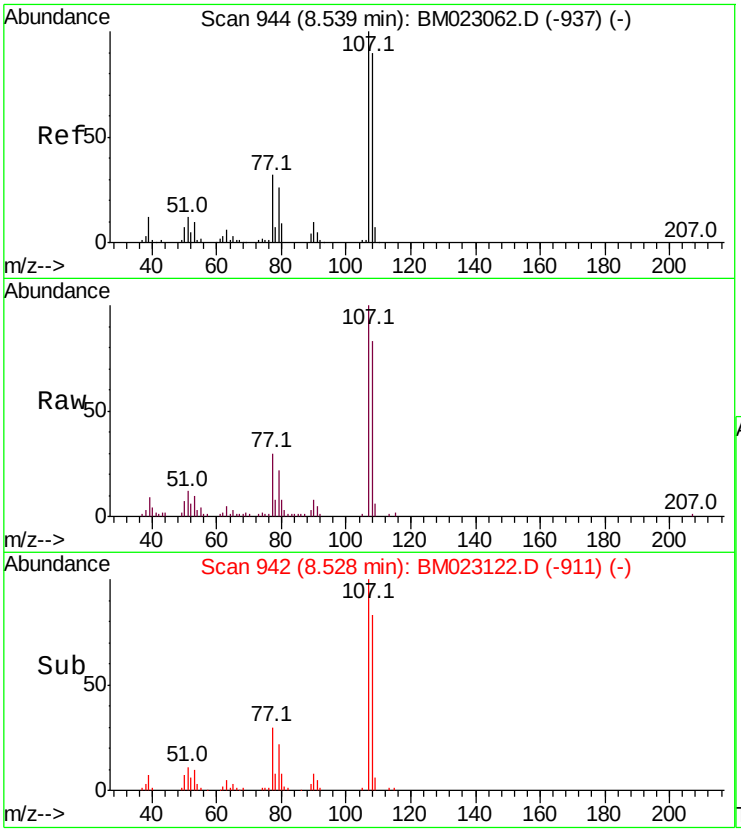


#6
Phenol
Concen: 3.844 ng/ul
RT: 6.96 min Scan# 676
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion: 94 Resp: 67007

Ion	Ratio	Lower	Upper
94	100		
65	27.7	20.9	31.3
66	34.1	27.2	40.8



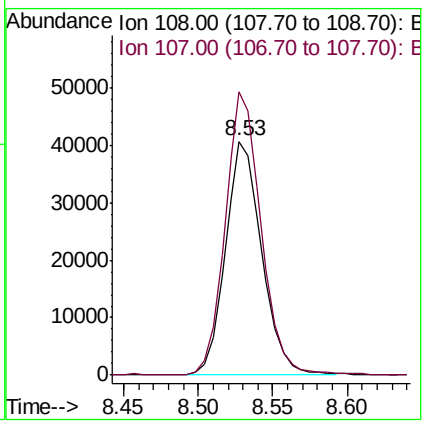


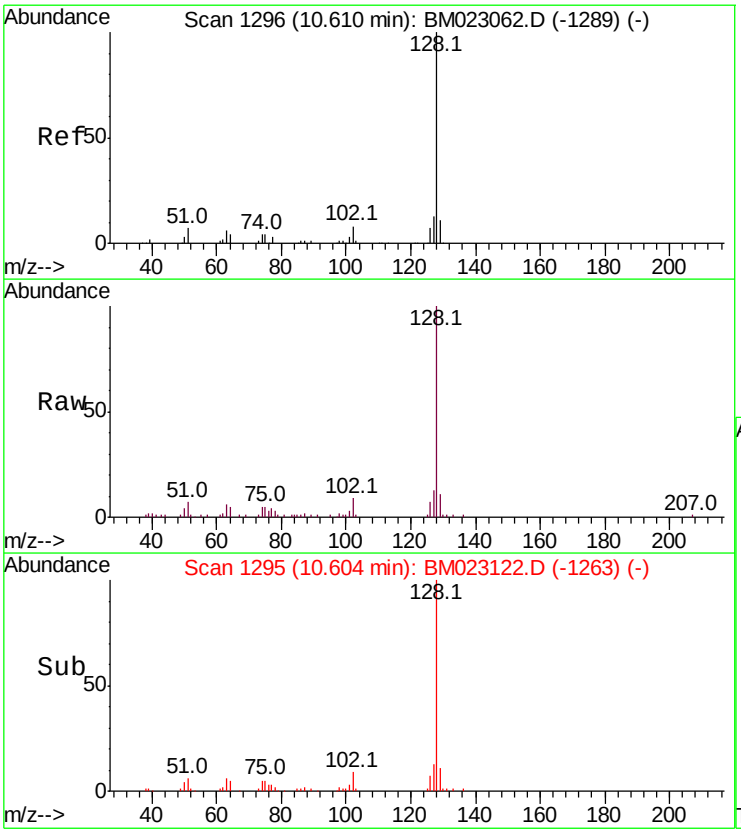
#16
4-Methylphenol
Concen: 4.657 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.02 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 69181

Ion	Ratio	Lower	Upper
108	100		
107	120.9	87.9	131.9

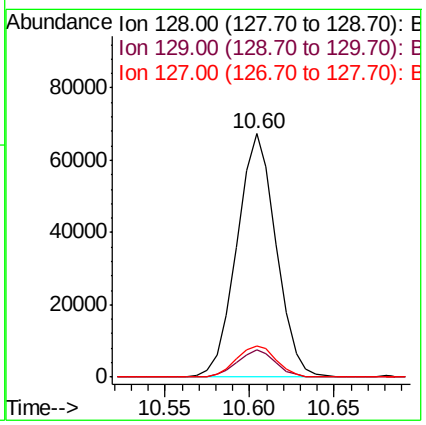


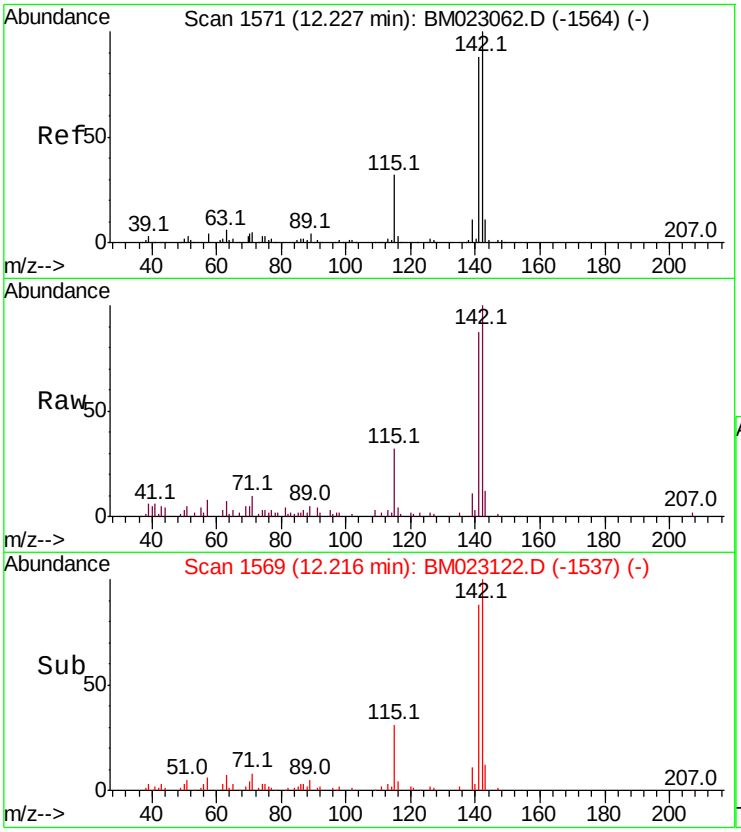


#28
Naphthalene
Concen: 2.848 ng/ul
RT: 10.60 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:128 Resp: 108711

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	12.9	10.2	15.4



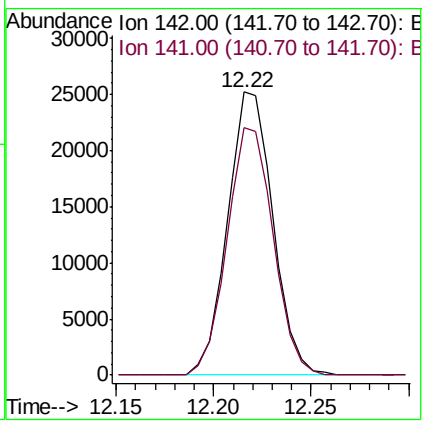


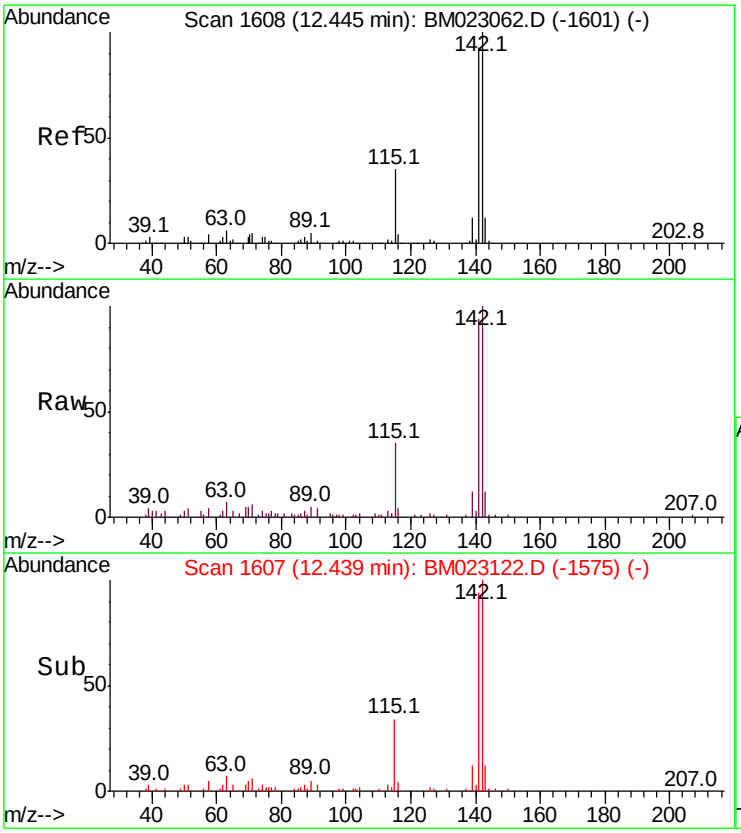
#34
2-Methylnaphthalene
Concen: 1.417 ng/ul
RT: 12.22 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 40544

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.2	106.8

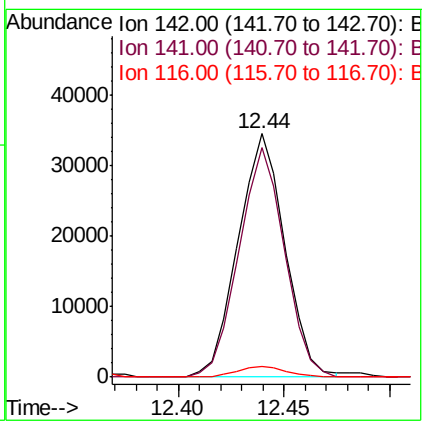


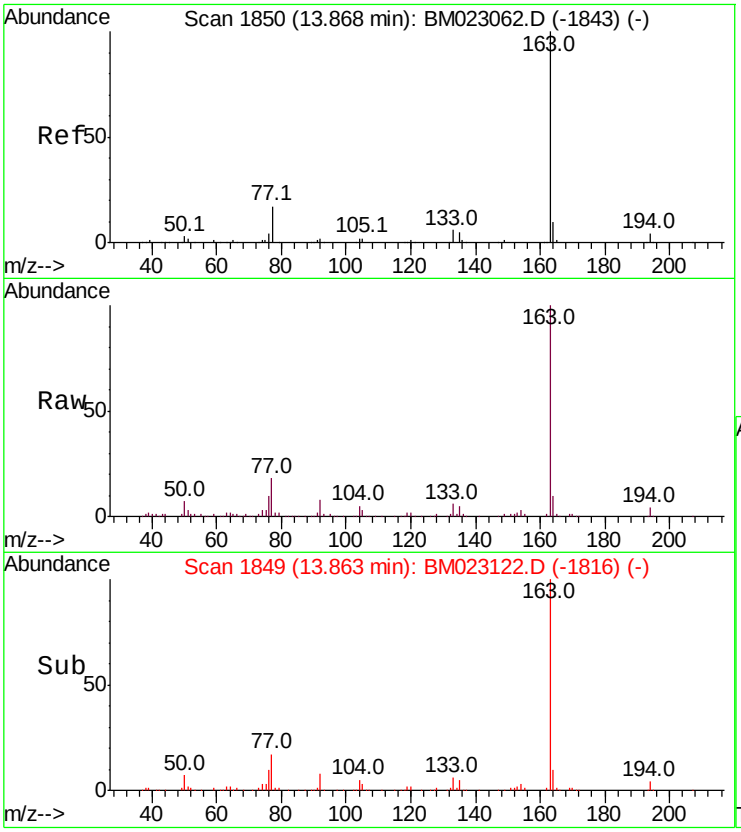


#35
1-Methylnaphthalene
Concen: 1.944 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:142 Resp: 53154

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.0	109.6
116	4.2	2.9	4.3



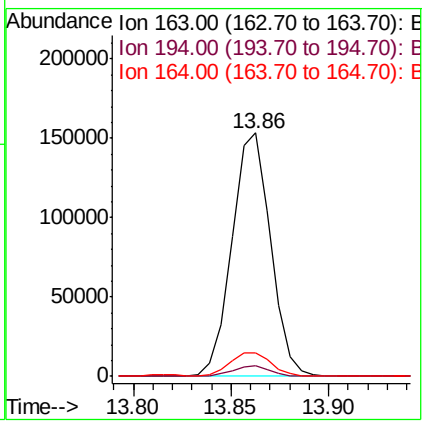


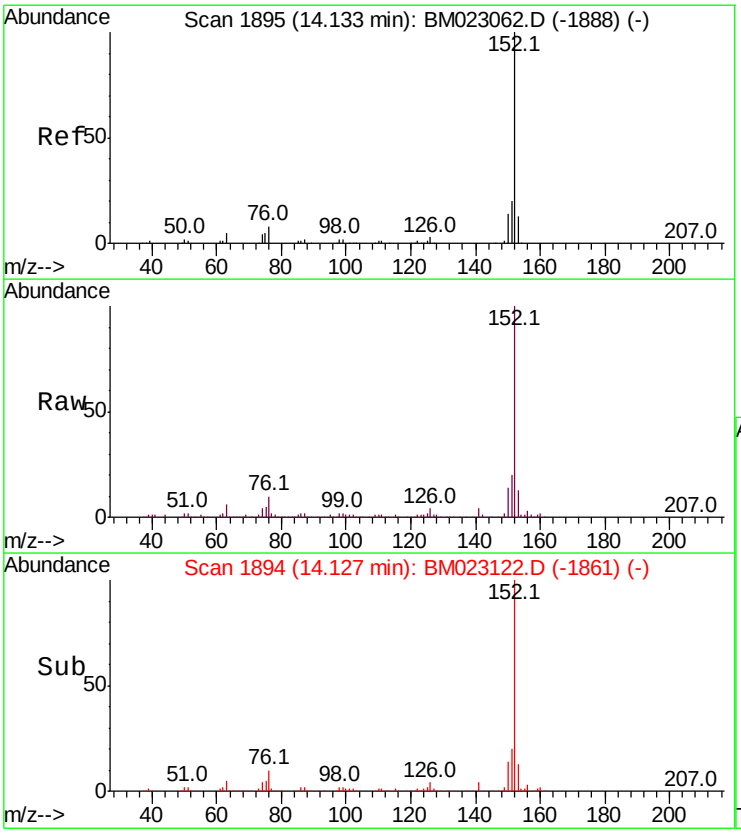
#45
Dimethylphthalate
Concen: 7.312 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 210380

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.7	8.1	12.1

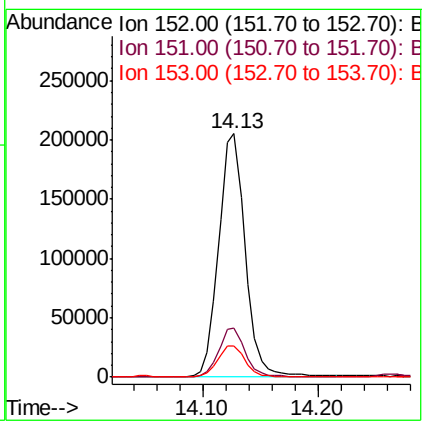


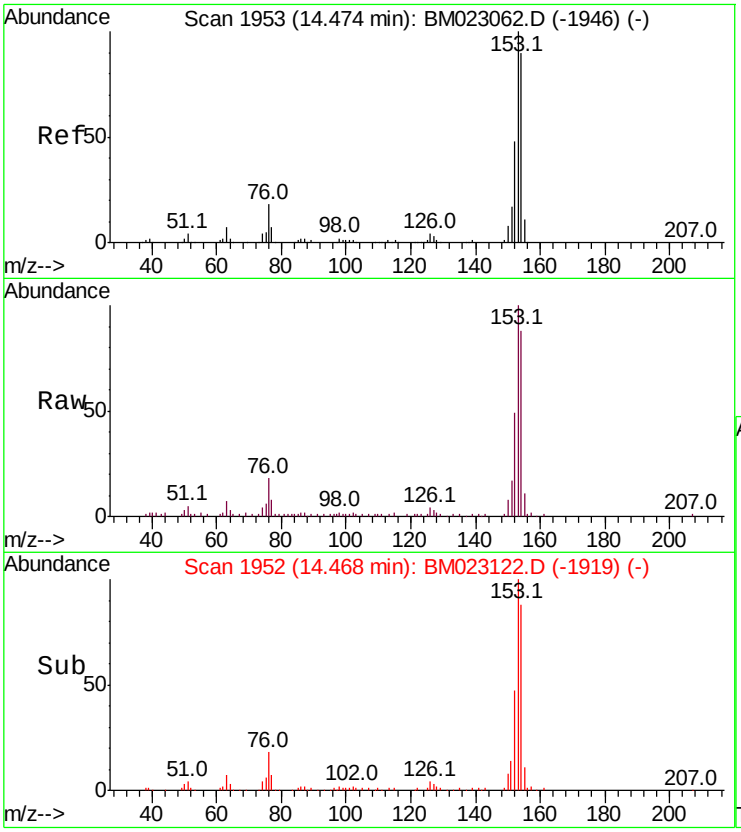


#48
Acenaphthylene
Concen: 9.451 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:152 Resp: 329927

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	12.9	10.6	16.0



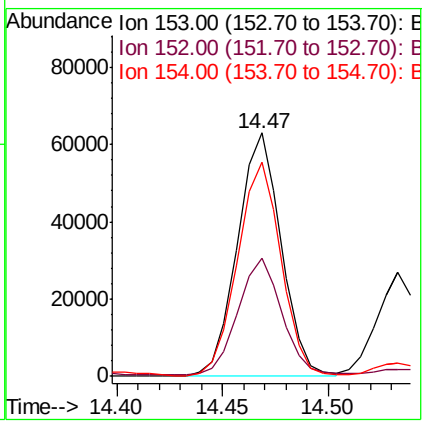


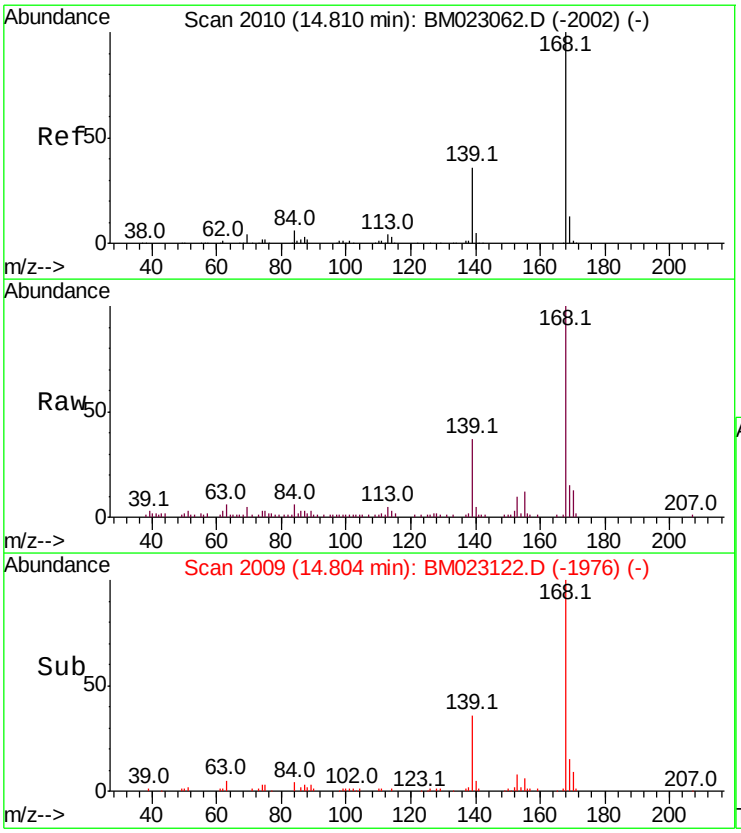
#50
Acenaphthene
Concen: 3.727 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 90638

Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.1	57.1
154	88.0	71.1	106.7

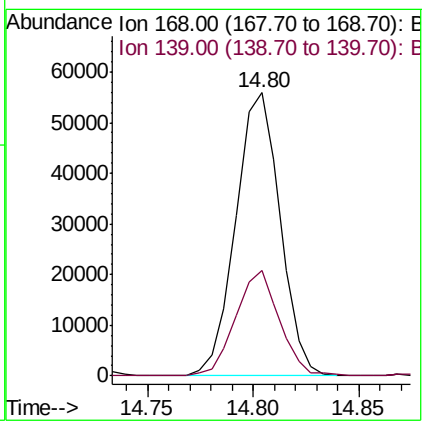


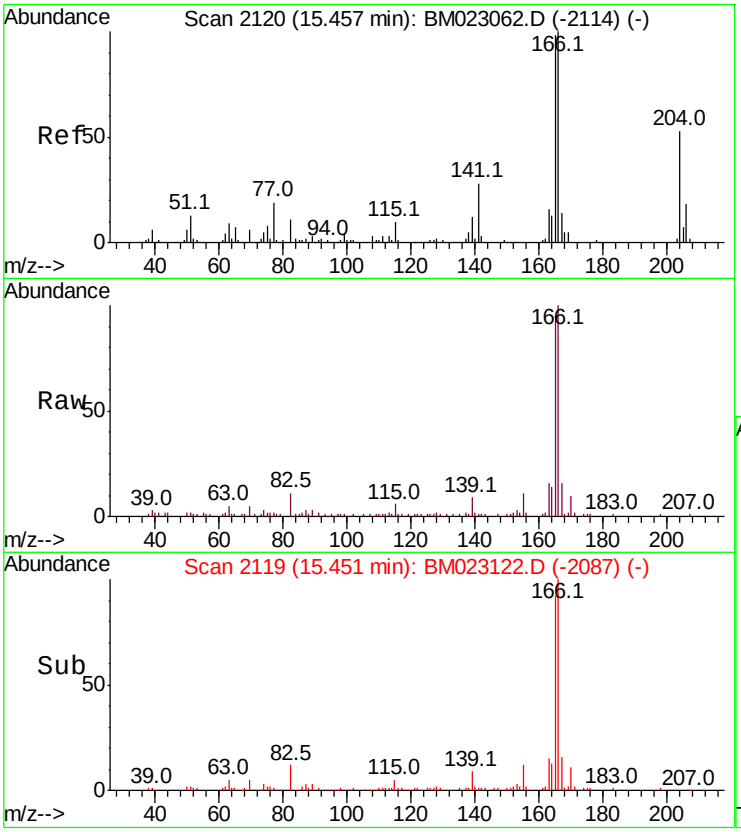


#54
Dibenzofuran
Concen: 2.346 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:168 Resp: 81480

Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.0	43.4



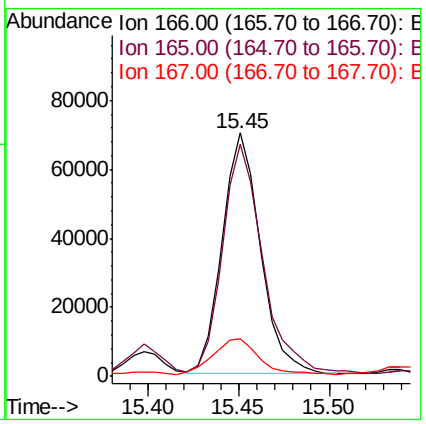


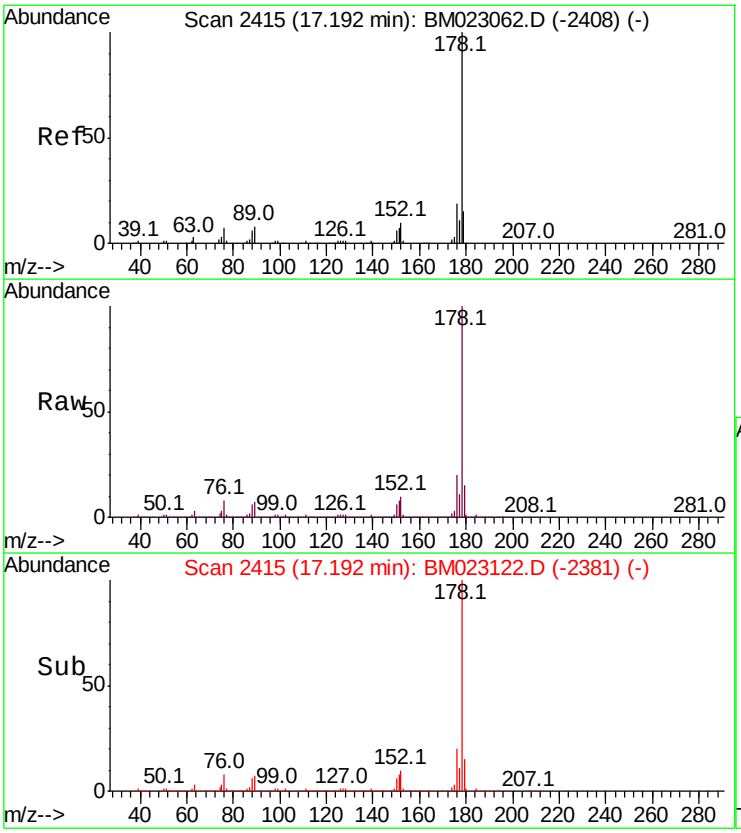
#59
Fluorene
Concen: 3.637 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 102070

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.7	116.5
167	15.7	11.0	16.4

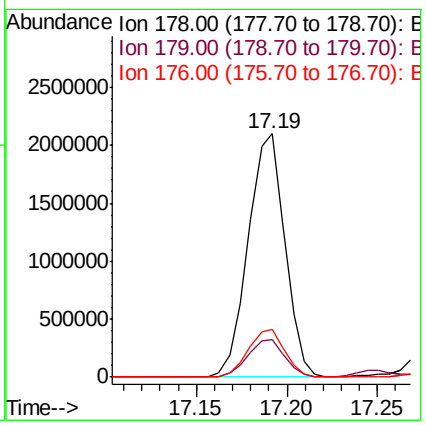


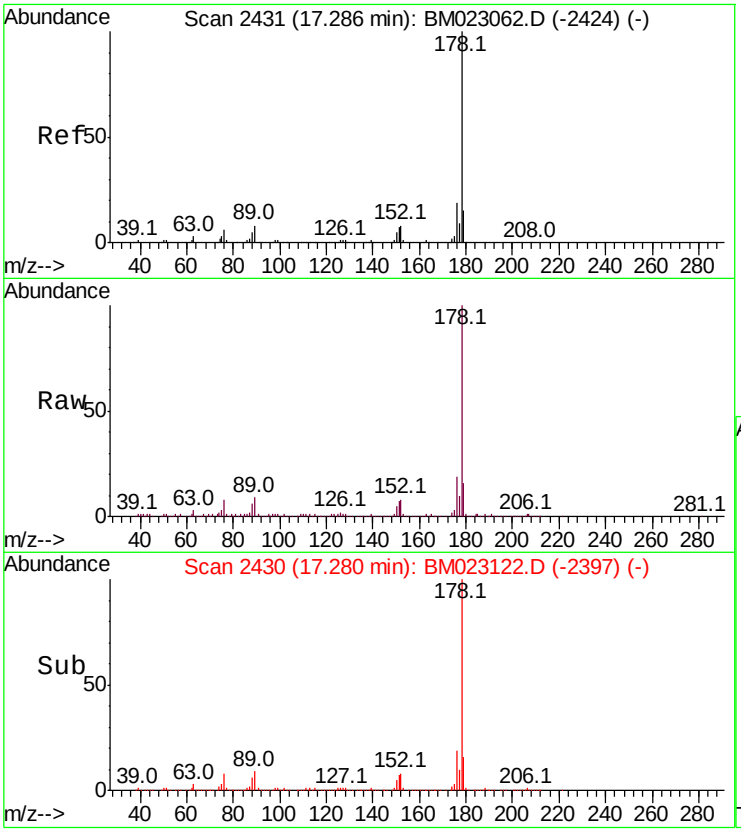


#70
Phenanthrene
Concen: 74.130 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:178 Resp: 2954156

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.5	15.3	22.9



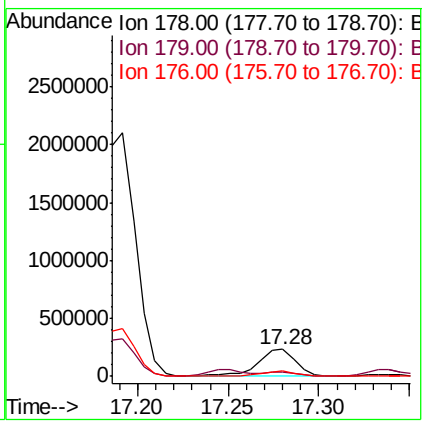


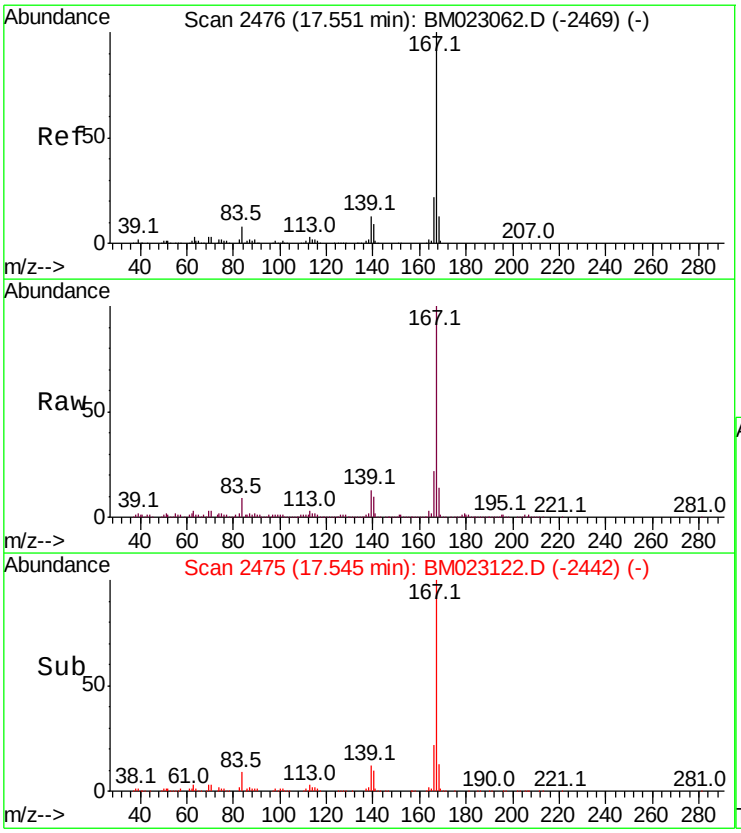
#72
Anthracene
Concen: 8.526 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 346205

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	18.7	15.0	22.6

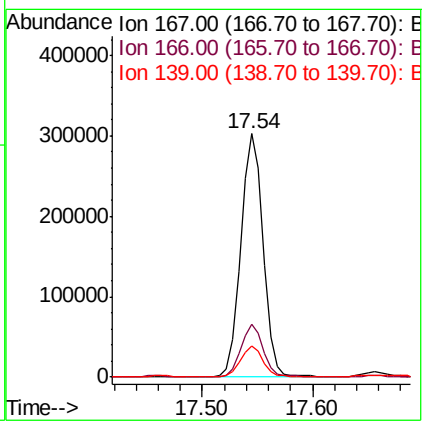


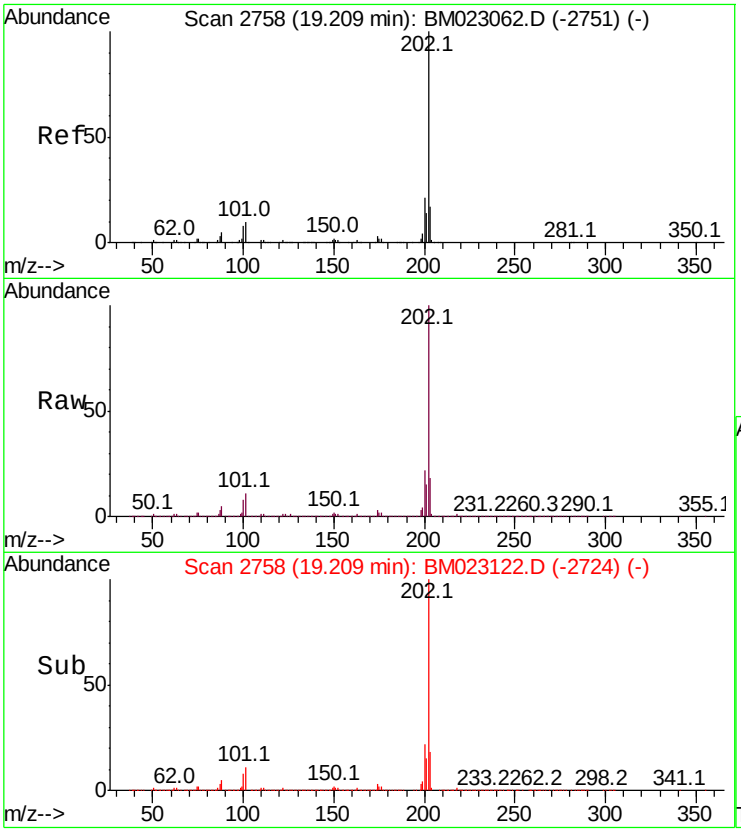


#75
Carbazole
Concen: 11.868 ng/ul
RT: 17.54 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:167 Resp: 428298

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.8	9.9	14.9



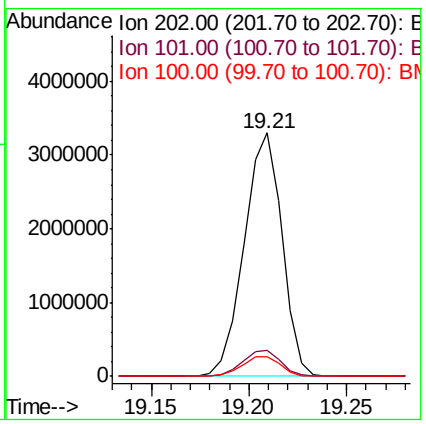


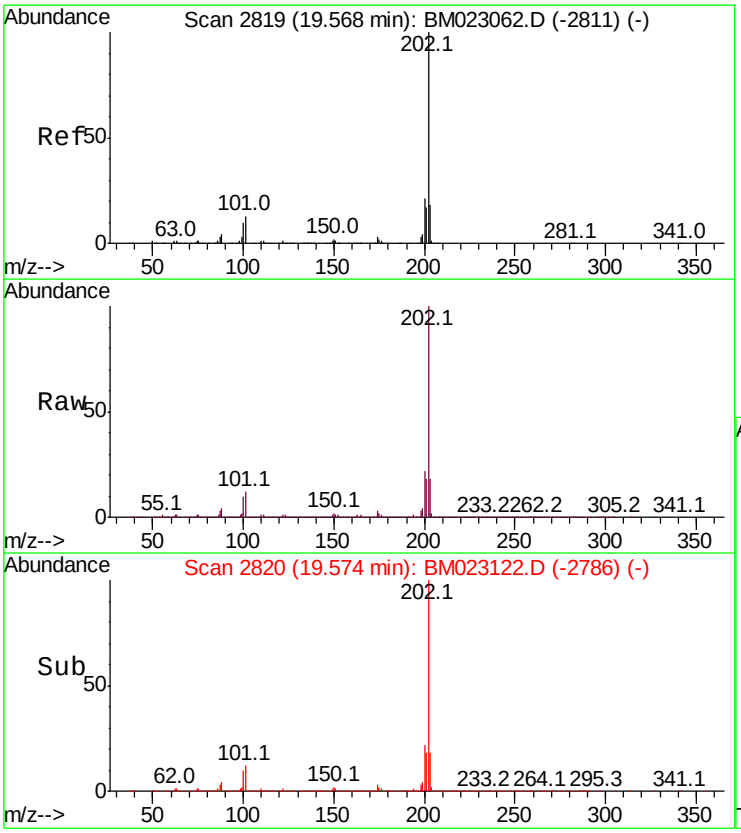
#77
Fluoranthene
Concen: 98.632 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.00 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4420684

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
100	8.2	6.4	9.6

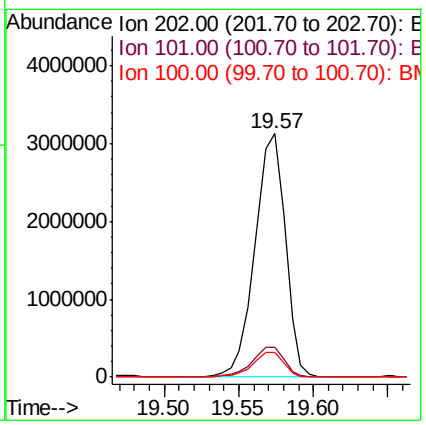


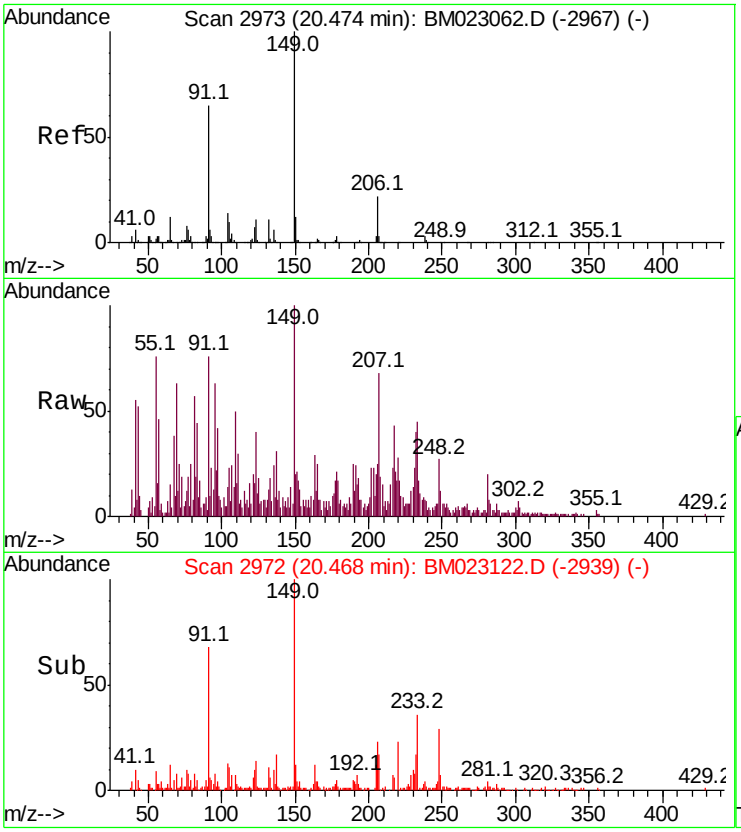


#80
Pyrene
Concen: 92.725 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:202 Resp: 4397058

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	10.1	7.8	11.8



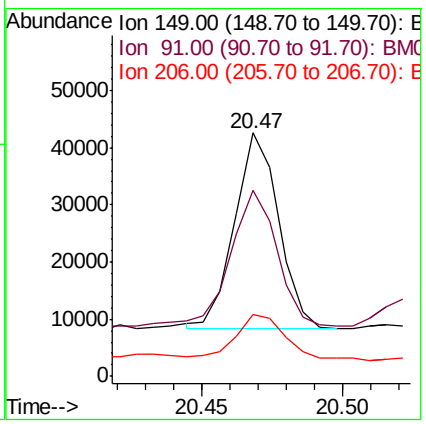


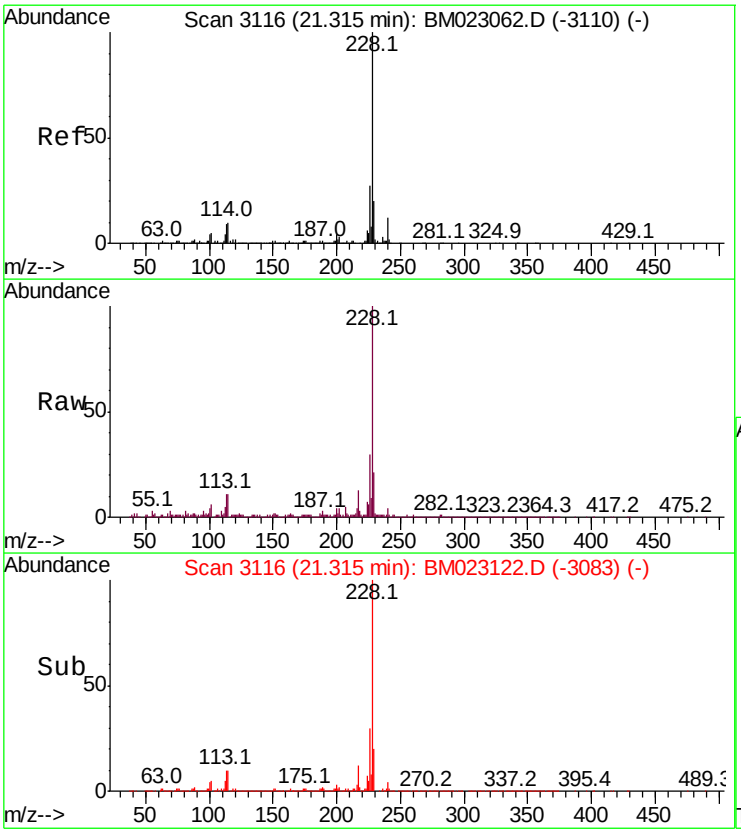
#81
Butylbenzylphthalate
Concen: 1.889 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 36843

Ion	Ratio	Lower	Upper
149	100		
91	76.3	52.6	78.8
206	25.5	17.7	26.5

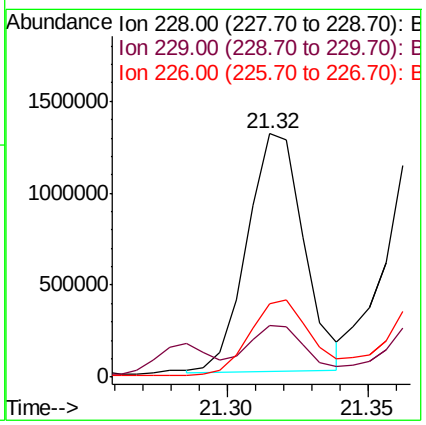


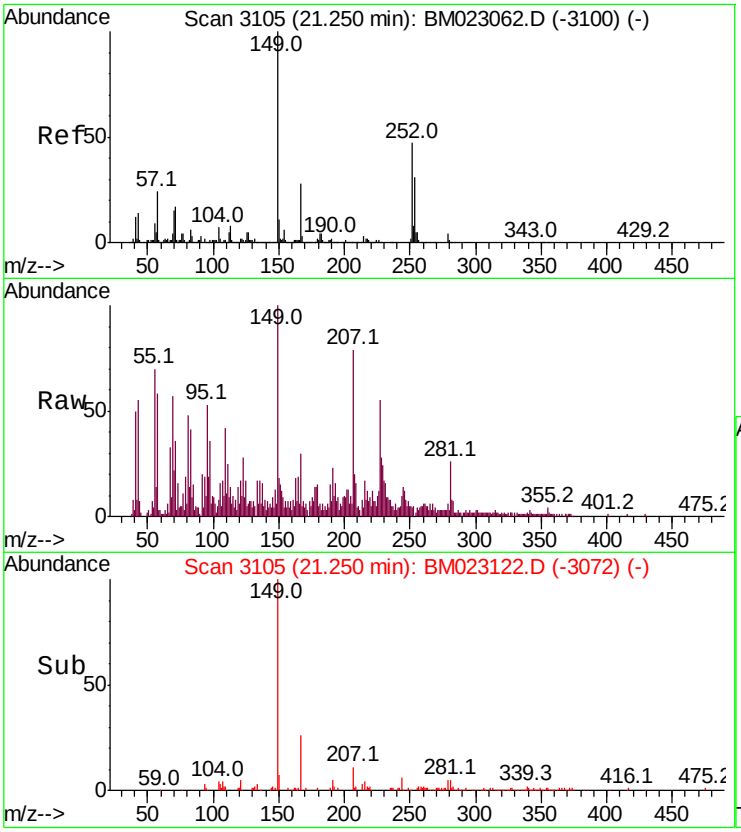


#83
Benzo(a)anthracene
Concen: 37.670 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:228 Resp: 1809191

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	30.1	22.4	33.6



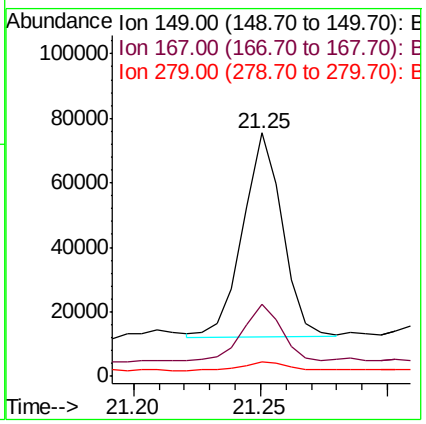


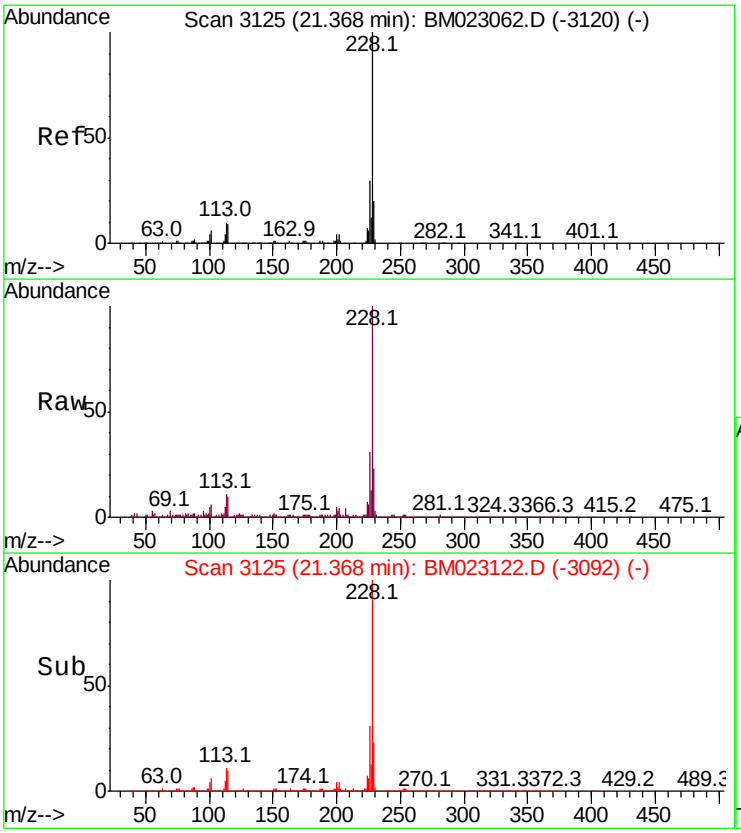
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.464 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 68282

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.1	33.1
279	6.2	3.3	4.9#

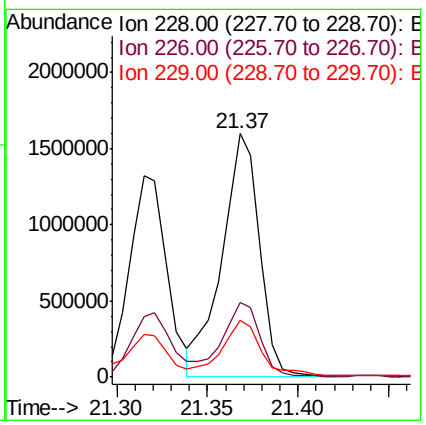


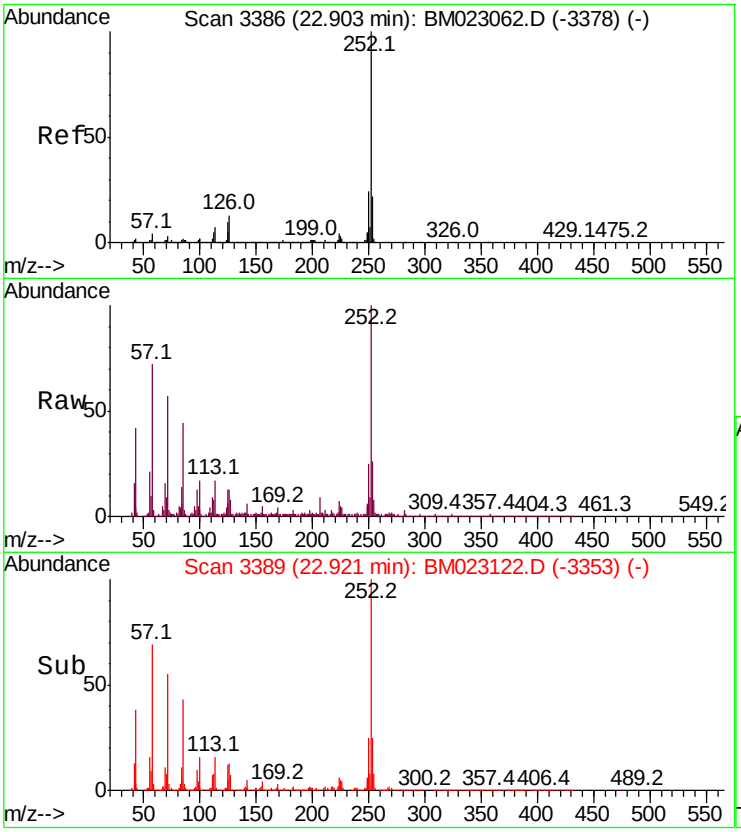


#85
Chrysene
Concen: 51.555 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:228 Resp: 2282897

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	23.2	15.9	23.9



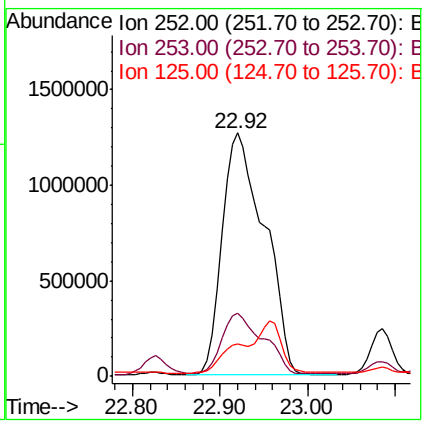


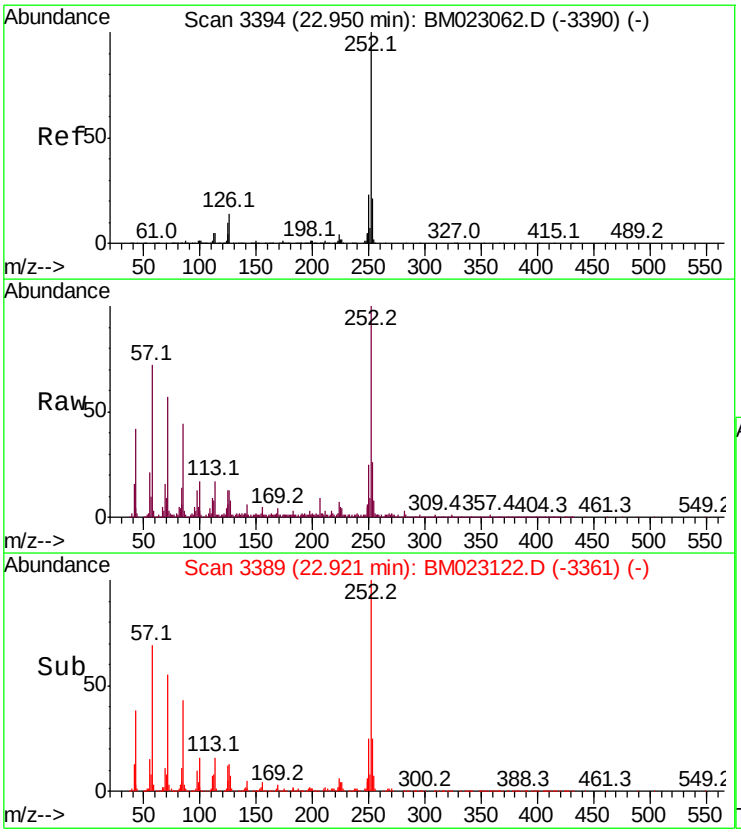
#88
Benzo(b)fluoranthene
Concen: 78.173 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4186970

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	13.4	8.2	12.2#

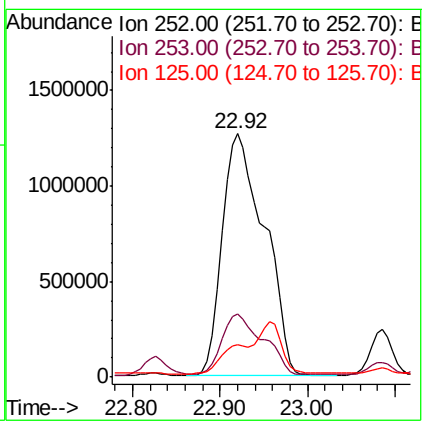


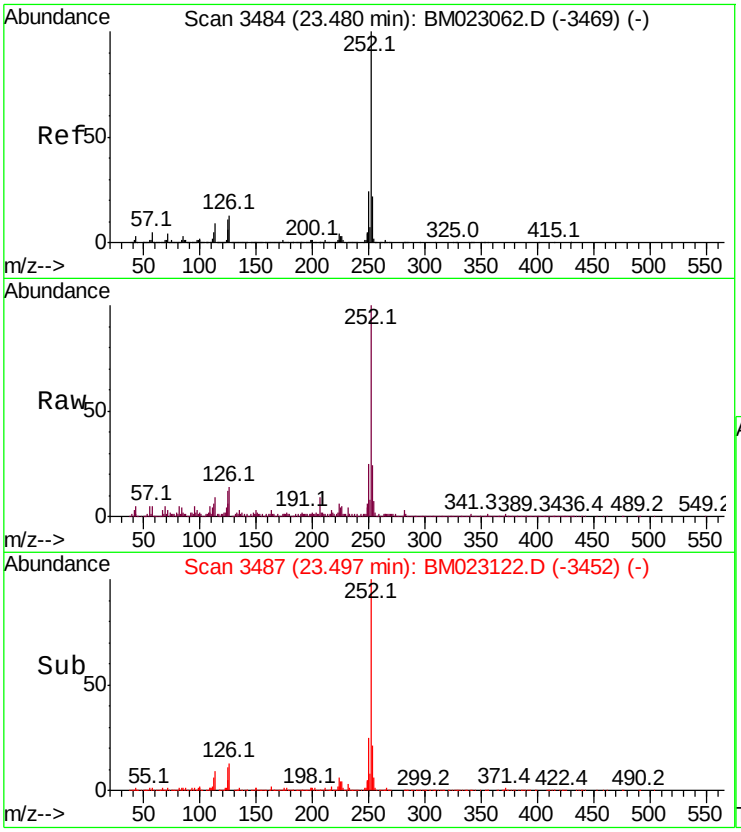


#89
Benzo(k)fluoranthene
Concen: 81.710 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. -0.04 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:252 Resp: 4186970

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	13.4	7.9	11.9#



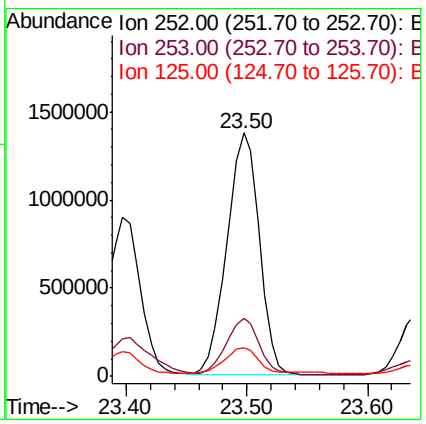


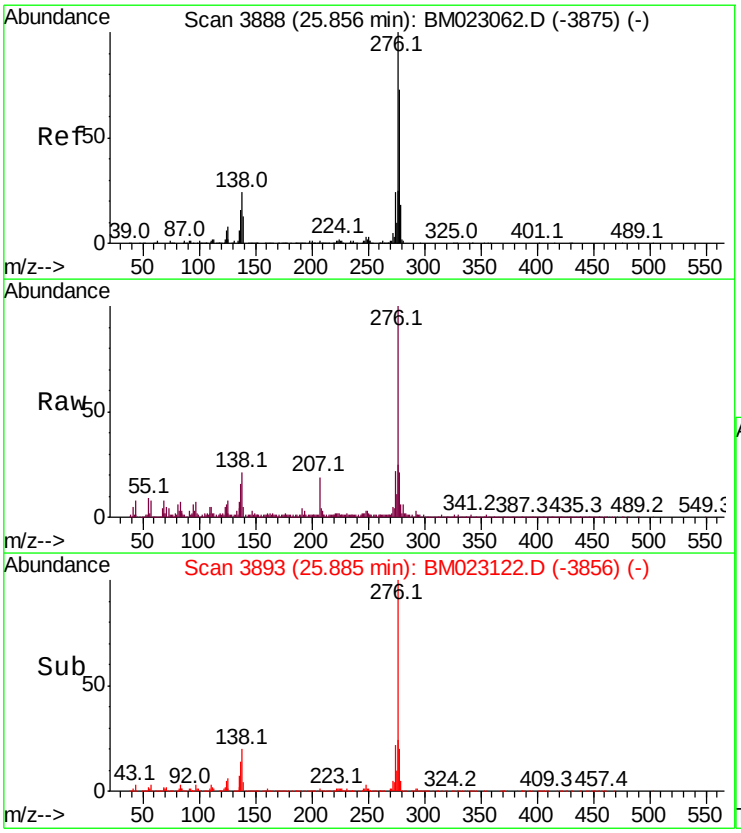
#91
Benzo(a)pyrene
Concen: 51.069 ng/ul
RT: 23.50 min Scan# 3487
Delta R.T. 0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2566138

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	11.7	8.7	13.1

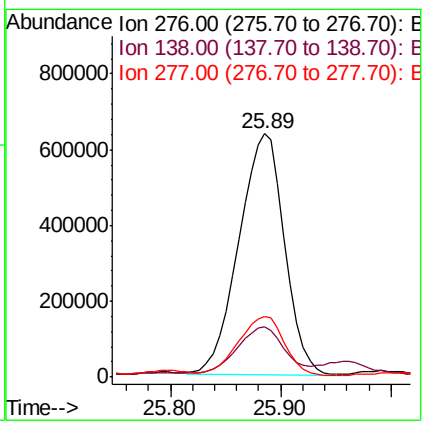


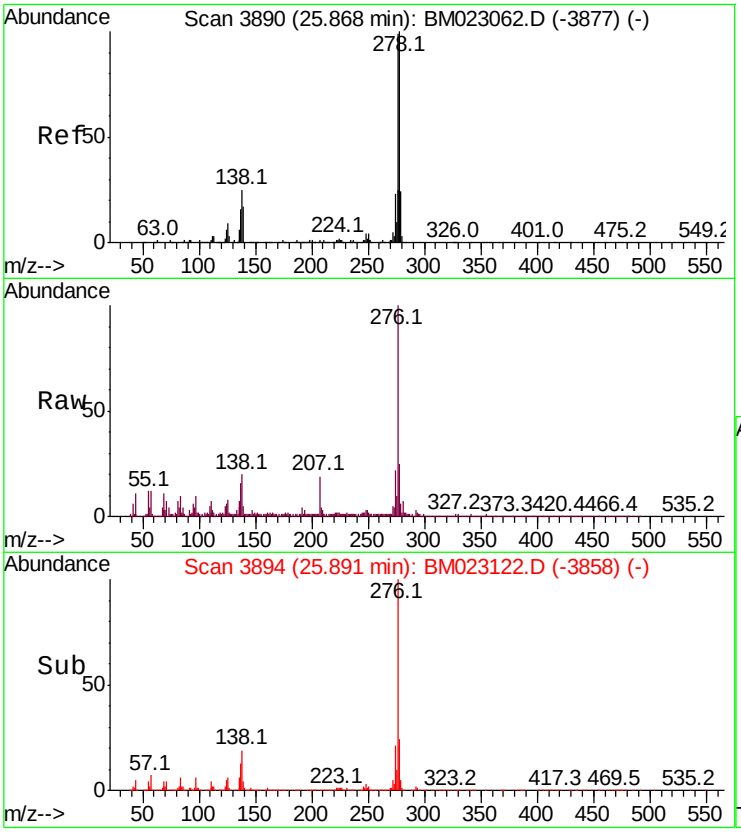


#92
Indeno(1,2,3-cd)pyrene
Concen: 34.527 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. 0.02 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:276 Resp: 1842784

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.8	29.8
277	25.1	20.3	30.5



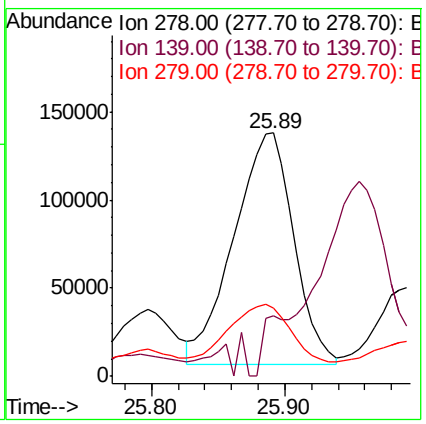


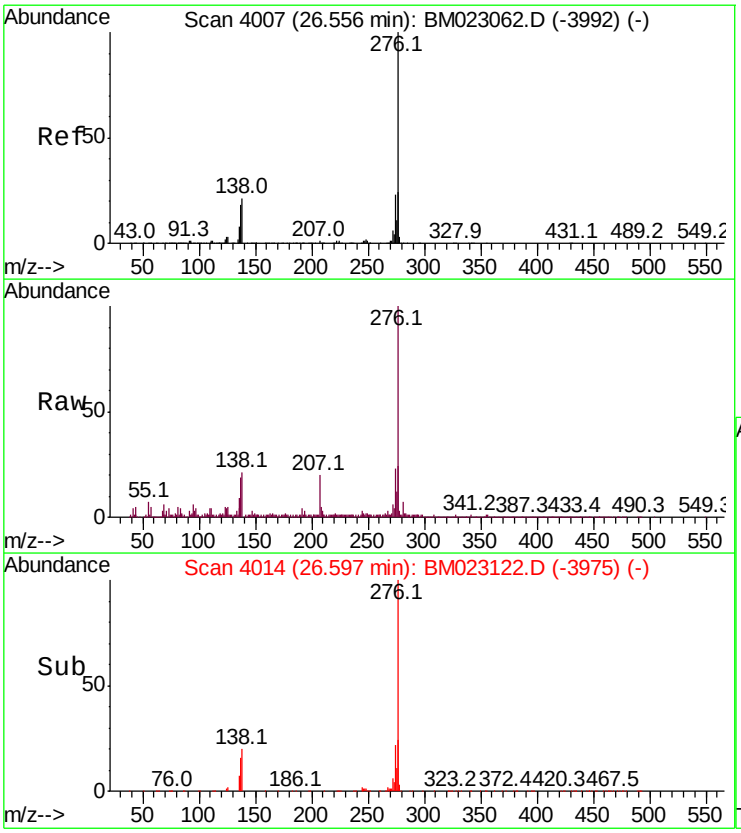
#93
Dibenzo(a,h)anthracene
Concen: 9.148 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. 0.01 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 408464

Ion	Ratio	Lower	Upper
278	100		
139	24.7	13.2	19.8#
279	28.1	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 41.935 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. 0.03 min
Lab File: BM023122.D
Acq: 11 Oct 2019 10:32

Tgt Ion:276 Resp: 1805707

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.6	26.4
277	24.4	19.1	28.7