Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : k4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 10 01:16:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	308860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1323536	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.49	164	868221	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1754474	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1831755	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1998138	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	35960	4.85	ng/uL	0.00
5) Phenol-d5	7.01	99	231431	8.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	526822	32.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	611442	27.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	407153	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	373907	39.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	359898	40.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	713485	31.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	127337	4.31	ng/ul	0.02
44) Dimethylphthalate-d6	13.90	166	2355827	33.48	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	2704415	32.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	119562	9.95	ng/ul	0.00
58) Fluorene-d10	15.47	176	2008880	34.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	328012	41.13	ng/ul	0.00
71) Anthracene-d10	17.32	188	3121889	34.74	ng/ul	0.00
79) Pyrene-d10	19.61	212	3616502	35.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	3847860	35.83	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.01	77	199990	13.442	ng/ul#	1
6) Phenol	7.04	94	42284	1.420	ng/ul	96
14) Acetophenone	8.67	105	117092	3.240	ng/ul#	57
16) 4-Methylphenol	8.61	108	123182	4.910	ng/ul	92
17) Hexachloroethane	8.97	117	655306	69.933	ng/ul#	9
20) Nitrobenzene	9.05	77	143341	6.000	ng/ul#	1
30) 4-Chloroaniline	10.72	127	8165081	269.164	ng/ul#	5
34) 2-Methylnaphthalene	12.33	142	20745141	375.244	ng/ul	98
35) 1-Methylnaphthalene	12.55	142	14274832	270.249	ng/ul	97
41) 1,1'-Biphenyl	13.32	154	4372764	60.482	ng/ul	99
45) Dimethylphthalate	13.94	163	107199	1.501	ng/ul	99
48) Acenaphthylene	14.21	152	518192	5.930	ng/ul#	96
50) Acenaphthene	14.56	153	7279855	120.234	ng/ul	98
54) Dibenzofuran	14.89	168	8169634	97.223	ng/ul	97
59) Fluorene	15.53	166	4835848	69.951	ng/ul	100
61) 4-Nitroaniline	15.53	138	61093	4.252	ng/ul#	25
70) Phenanthrene	17.27	178	7088098	65.981	ng/ul	98
72) Anthracene	17.36	178	522162	4.732	ng/ul	99
75) Carbazole	17.62	167	2349319	23.687	ng/ul	99
77) Fluoranthene	19.27	202	2352301	19.295	ng/ul	98
80) Pyrene	19.64	202	1446966	10.915	ng/ul	99
83) Benzo(a)anthracene	21.38	228	280641	2.065	ng/ul	97
85) Chrysene	21.38	228	280885	2.246	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
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Sample : k4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 10 01:16:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
88) Benzo(b)fluoranthene	22.99	252	195287	1.486 ng/ul#	97
89) Benzo(k)fluoranthene	22.99	252	195287	1.529 ng/ul#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
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Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : k4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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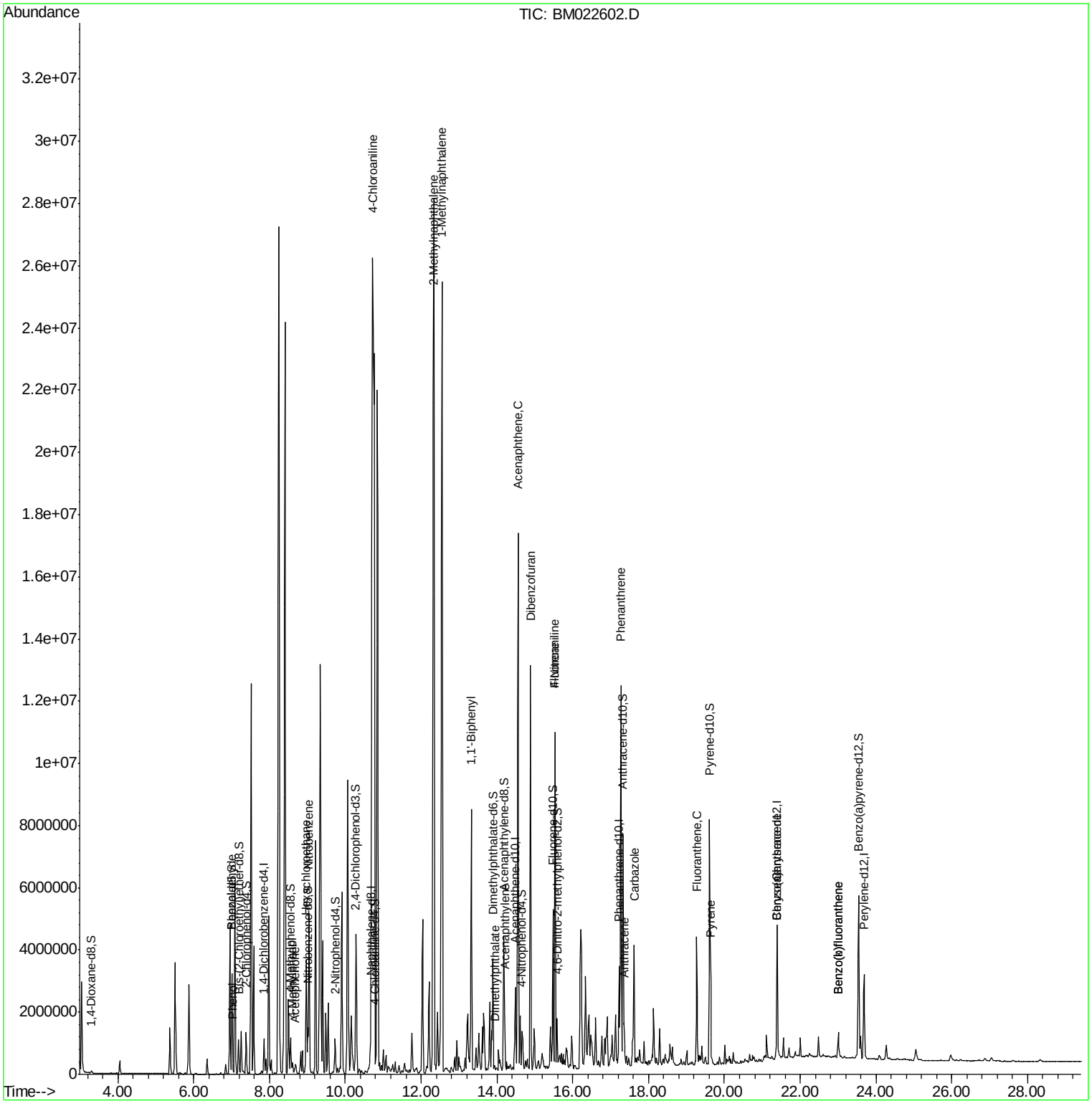
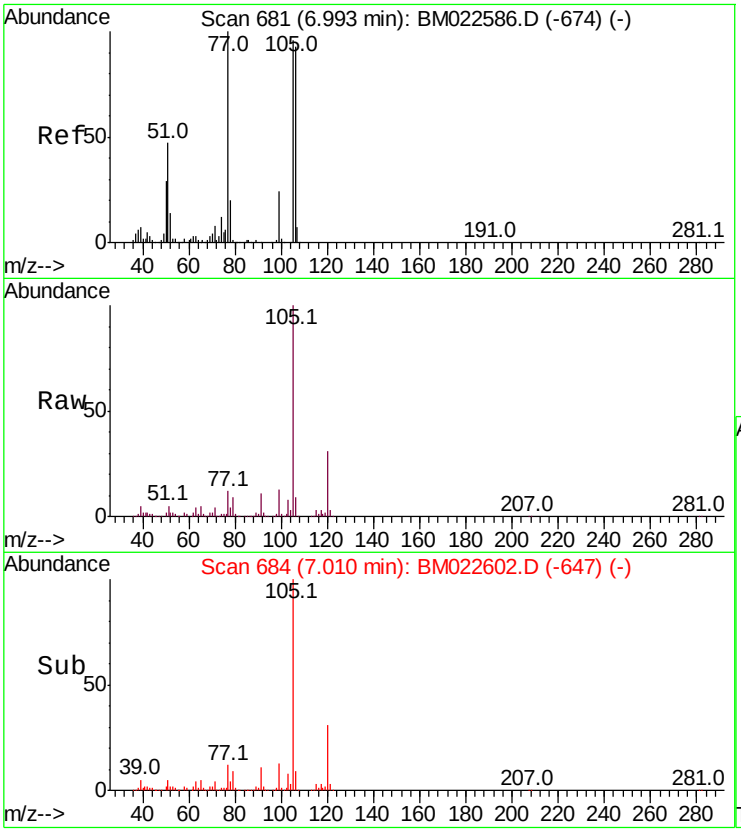
ClientSampleId :

Quant Time: Sep 10 01:16:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration



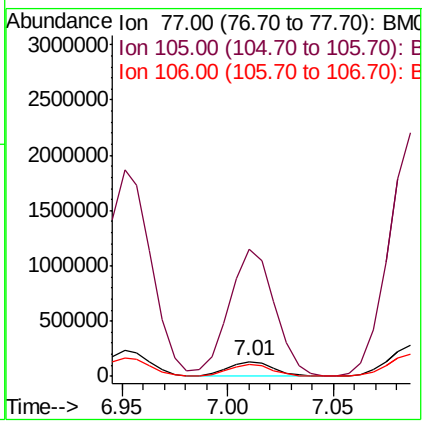


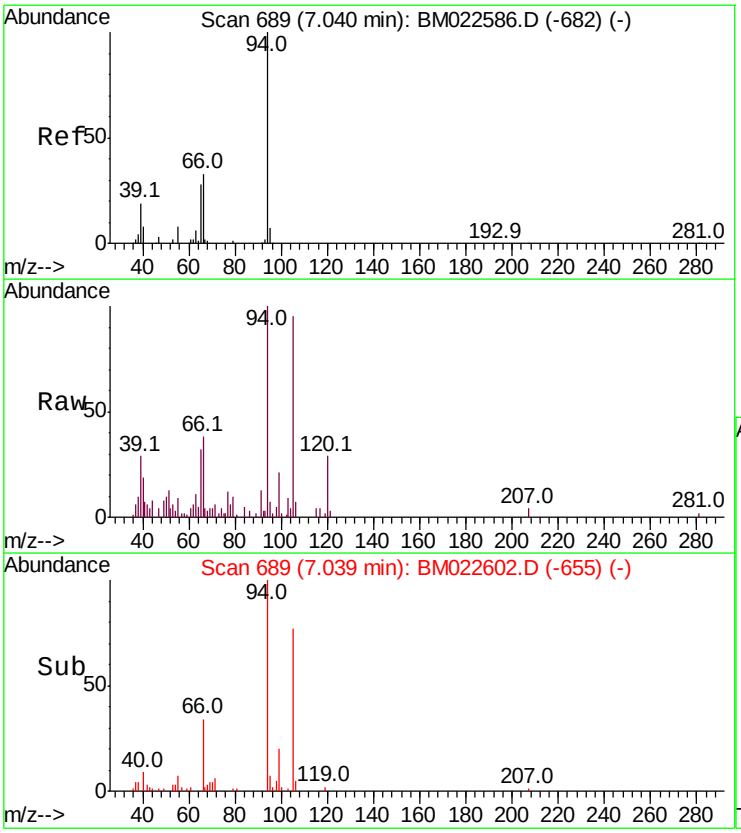
#4
Benzaldehyde
Concen: 13.442 ng/ul
RT: 7.01 min Scan# 684
Delta R.T. 0.02 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 199990

Ion	Ratio	Lower	Upper
77	100		
105	853.5	79.0	118.6#
106	76.6	75.1	112.7

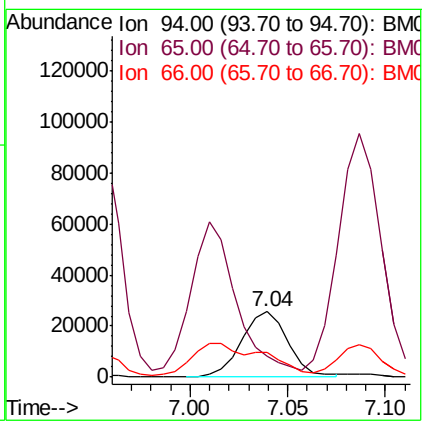


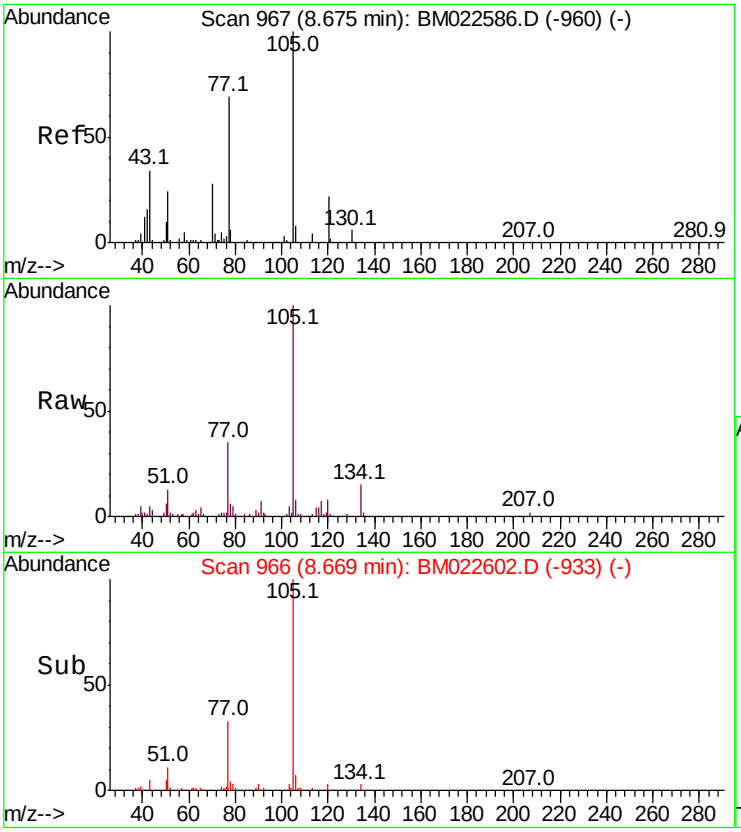


#6
Phenol
Concen: 1.420 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion: 94 Resp: 42284

Ion	Ratio	Lower	Upper
94	100		
65	31.6	22.8	34.2
66	37.5	29.1	43.7



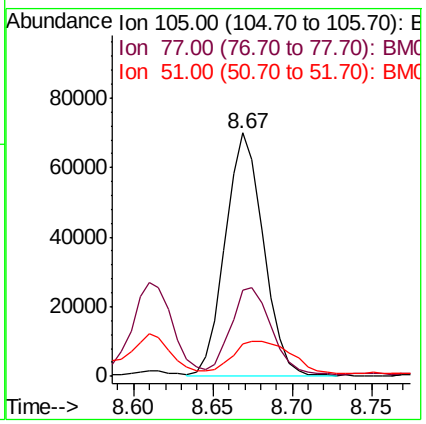


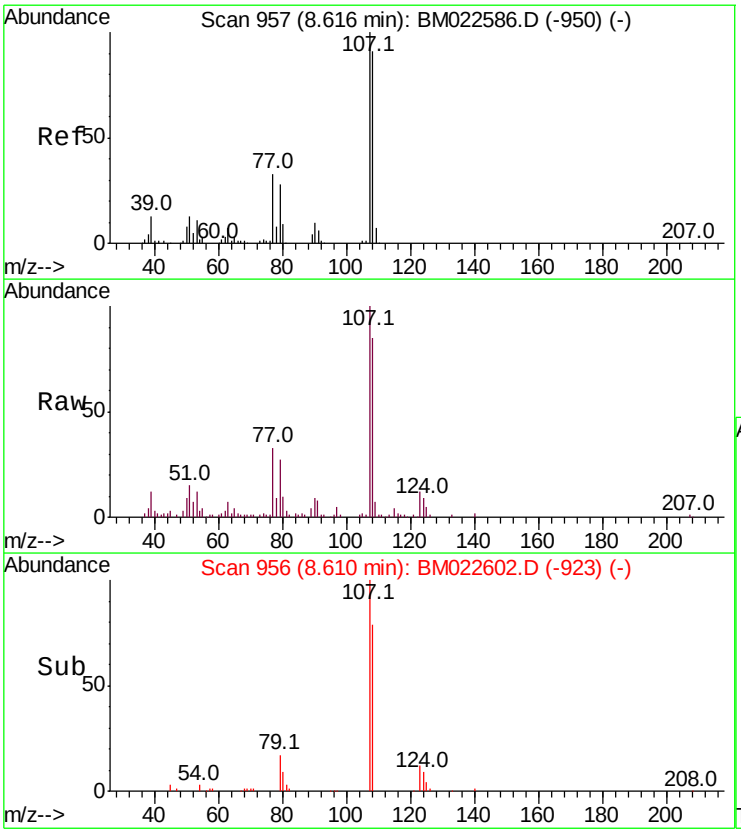
#14
Acetophenone
Concen: 3.240 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 117092

Ion	Ratio	Lower	Upper
105	100		
77	35.3	62.1	93.1#
51	13.1	21.8	32.6#

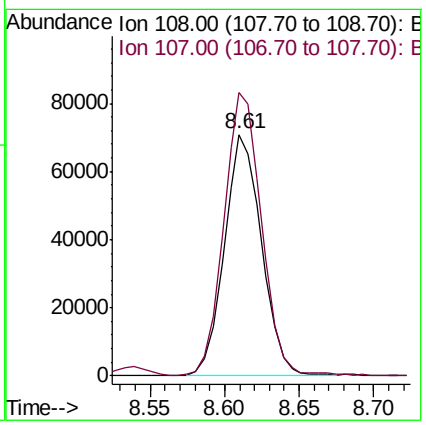


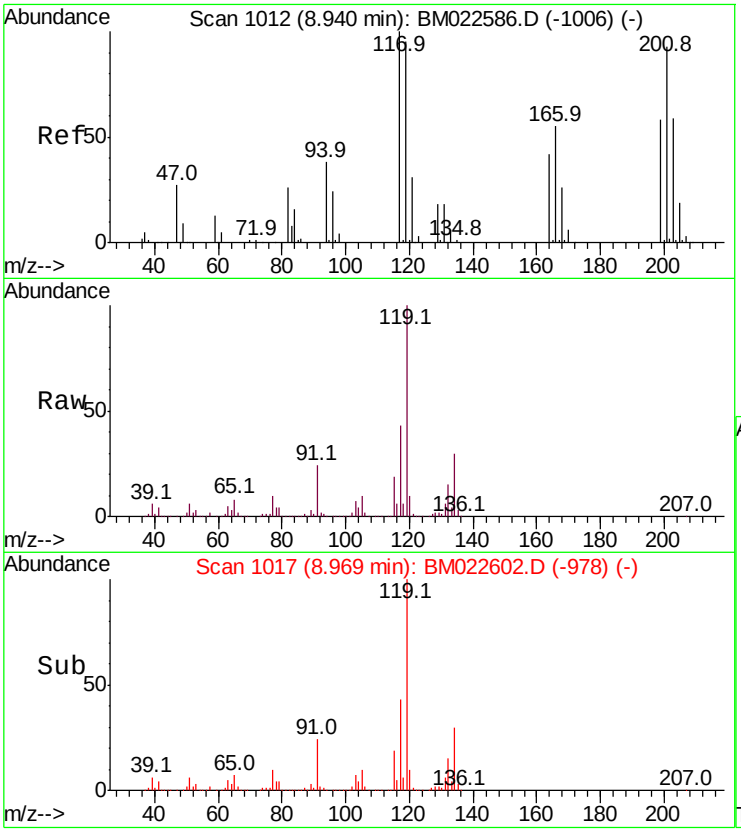


#16
4-Methylphenol
Concen: 4.910 ng/ul
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:108 Resp: 123182

Ion	Ratio	Lower	Upper
108	100		
107	117.4	87.2	130.8



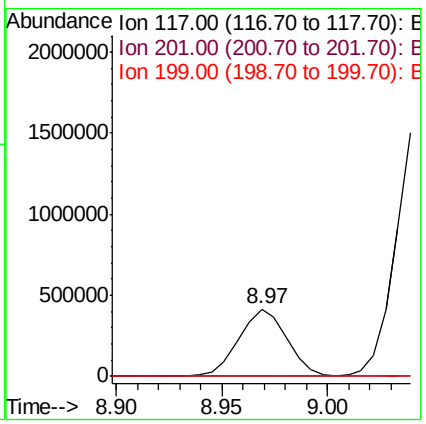


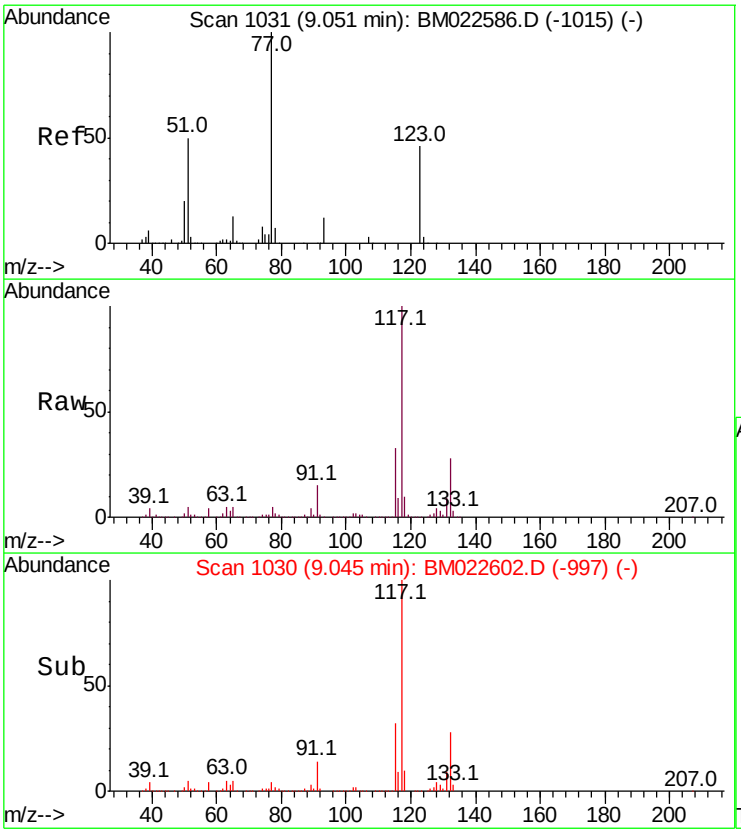
#17
Hexachloroethane
Concen: 69.933 ng/ul
RT: 8.97 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 655306

Ion	Ratio	Lower	Upper
117	100		
201	0.0	77.6	116.4#
199	0.0	47.6	71.4#

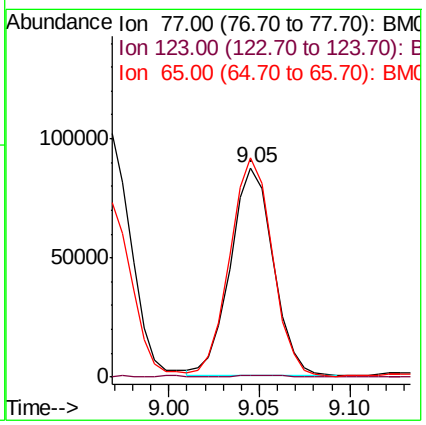


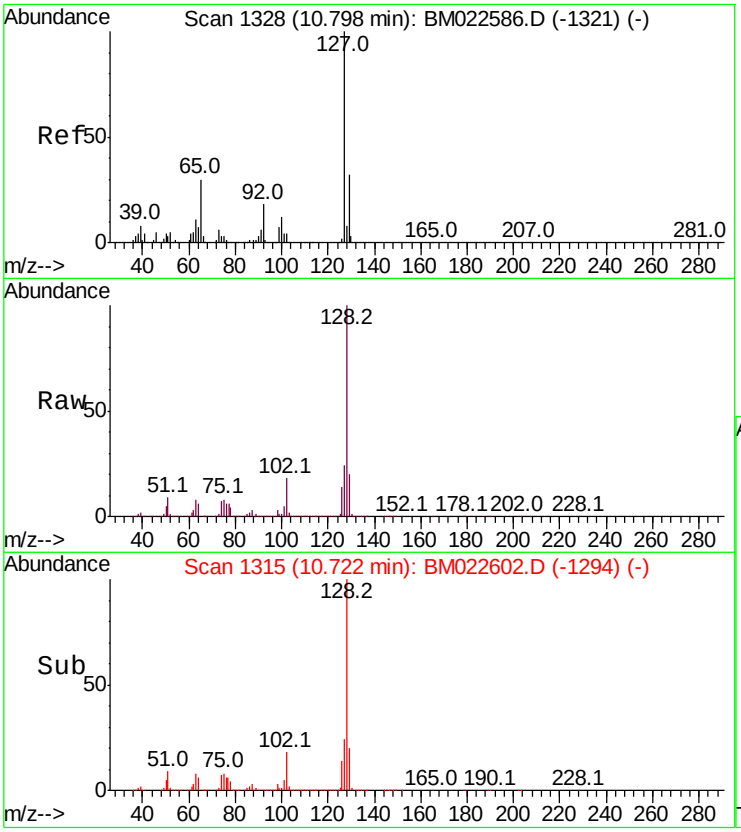


#20
Nitrobenzene
Concen: 6.000 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion: 77 Resp: 143341

Ion	Ratio	Lower	Upper
77	100		
123	0.8	35.8	53.6#
65	104.4	10.5	15.7#



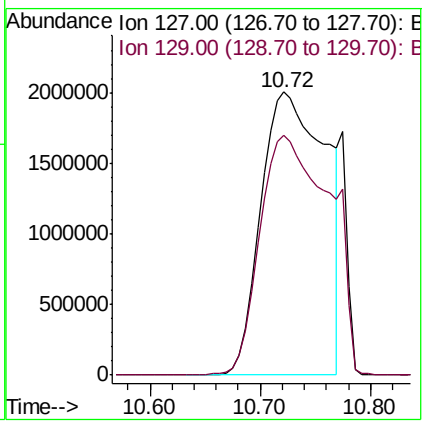


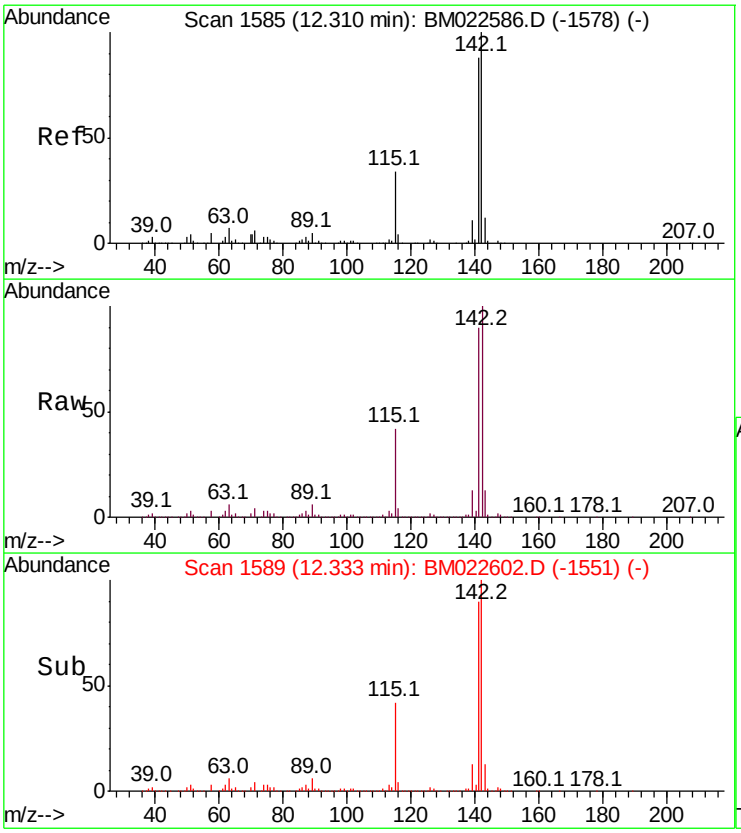
#30
4-Chloroaniline
Concen: 269.164 ng/ul
RT: 10.72 min Scan# 1315
Delta R.T. -0.08 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 8165081

Ion	Ratio	Lower	Upper
127	100		
129	84.6	25.4	38.2#

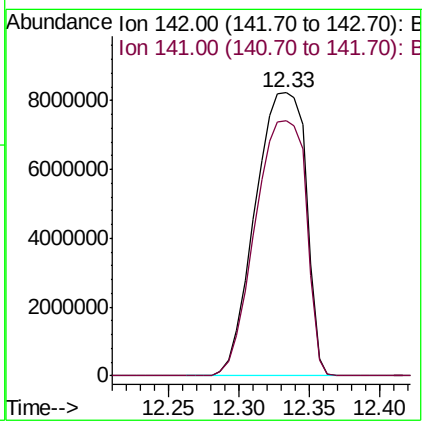


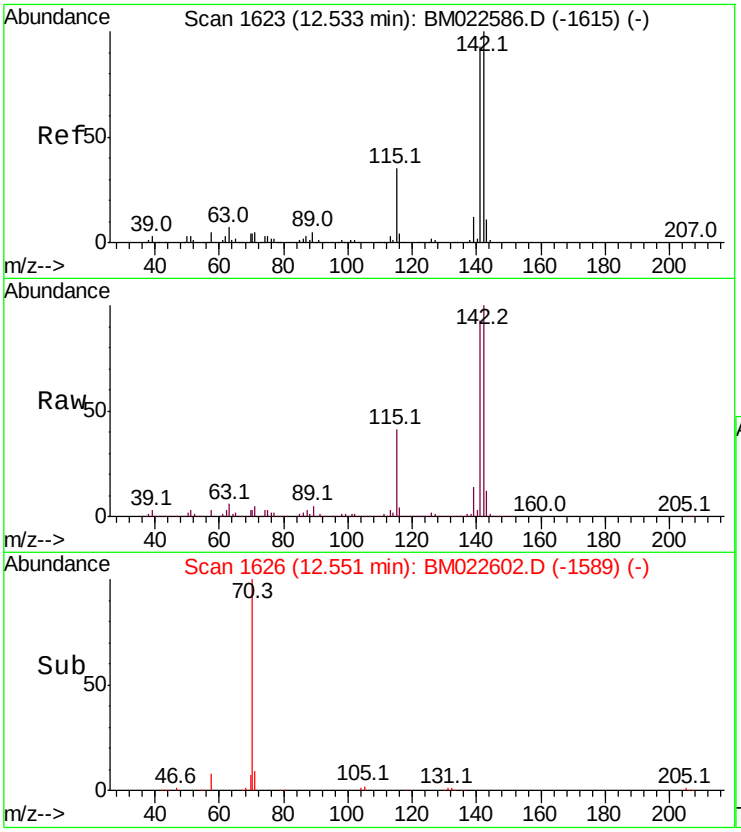


#34
2-Methylnaphthalene
Concen: 375.244 ng/ul
RT: 12.33 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:142 Resp:20745141

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.4



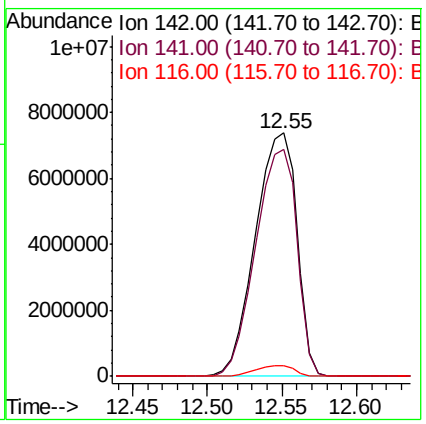


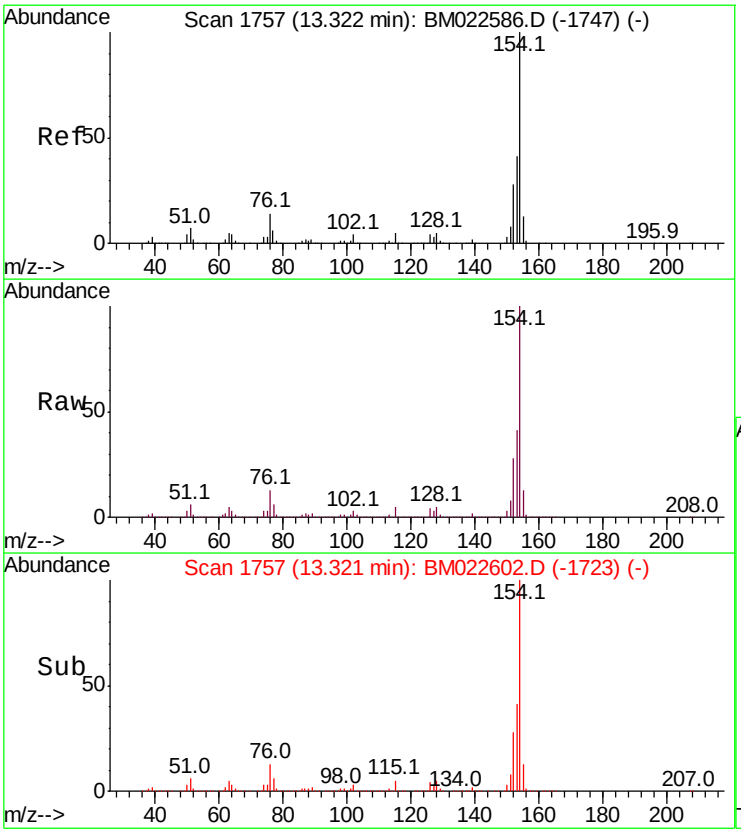
#35
1-Methylnaphthalene
Concen: 270.249 ng/ul
RT: 12.55 min Scan# 1626
Delta R.T. 0.02 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:14274832

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.6	108.8
116	4.4	3.0	4.4

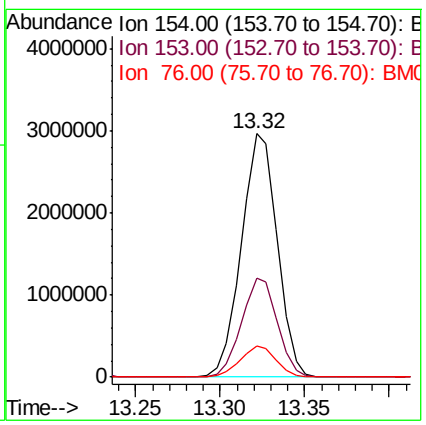


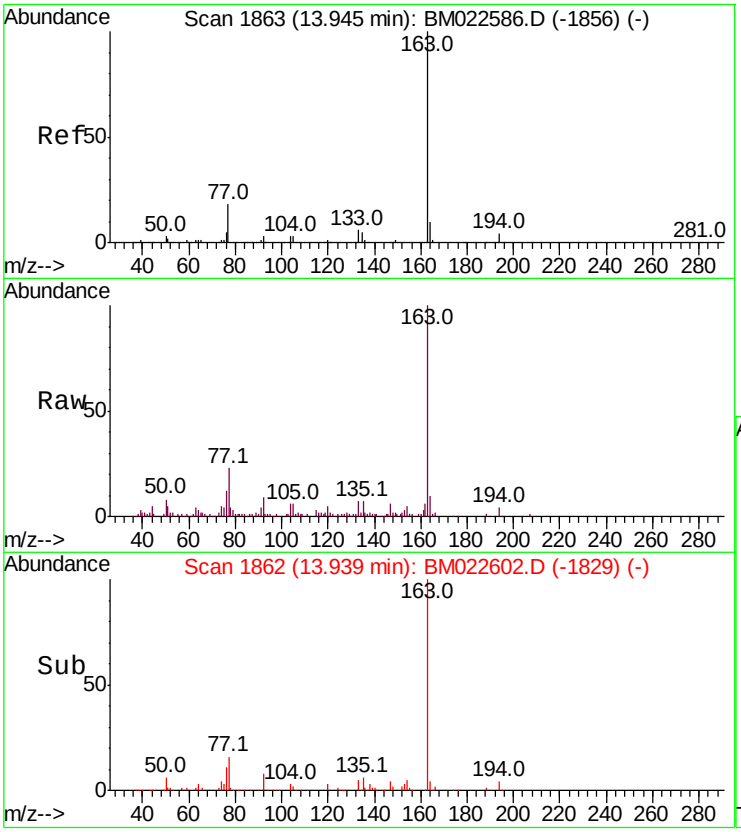


#41
1,1'-Biphenyl
Concen: 60.482 ng/ul
RT: 13.32 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:154 Resp: 4372764

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.1	48.1
76	12.8	10.2	15.2



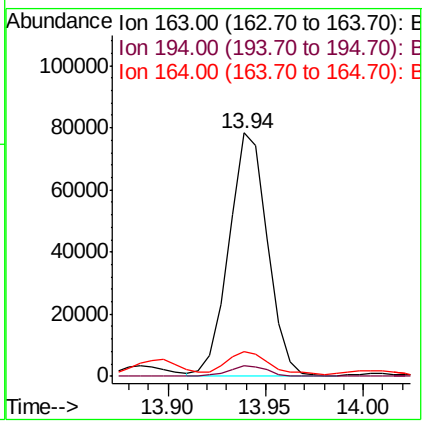


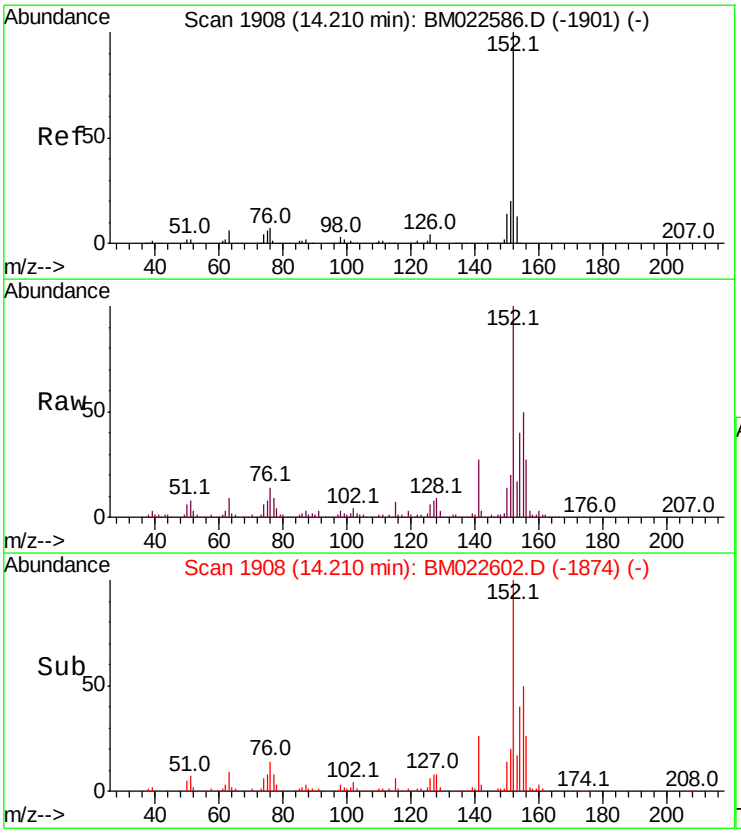
#45
Dimethylphthalate
Concen: 1.501 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 107199

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.3	7.8	11.8

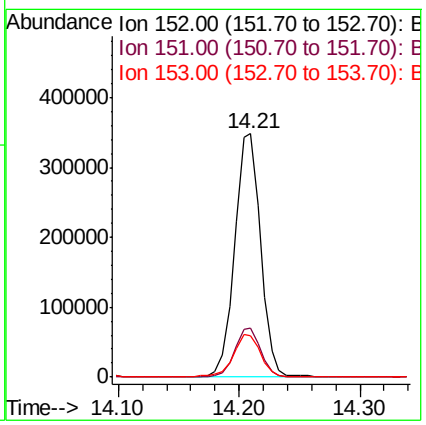


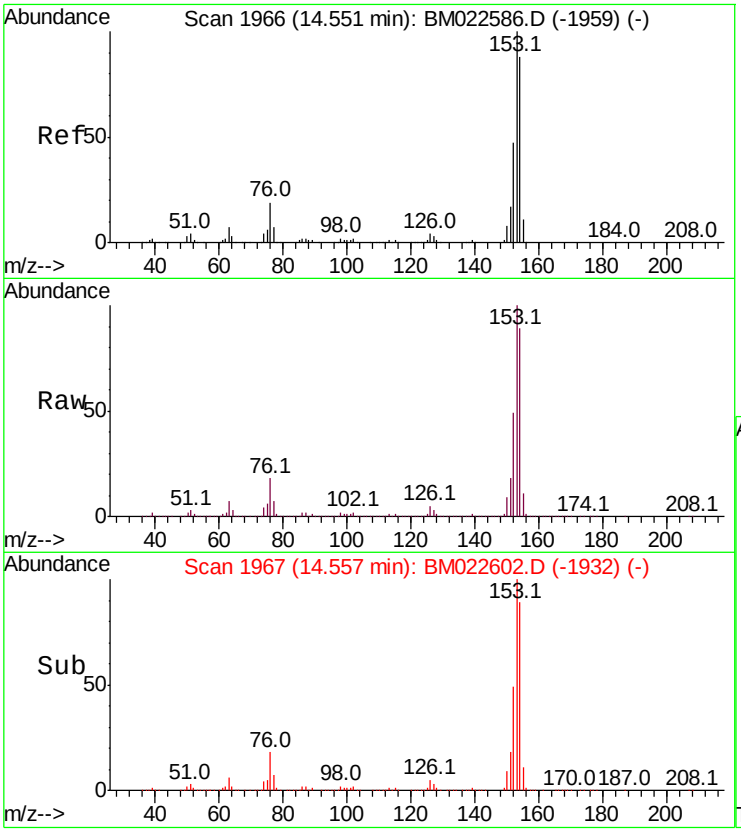


#48
Acenaphthylene
Concen: 5.930 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:152 Resp: 518192

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	16.9	10.4	15.6#



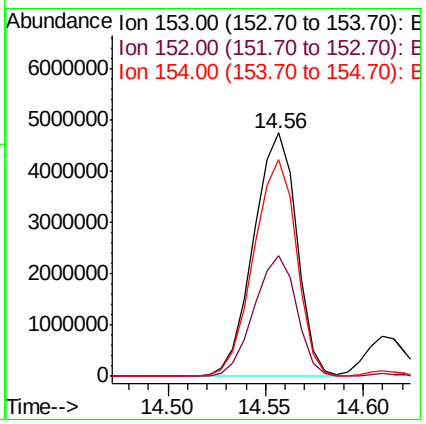


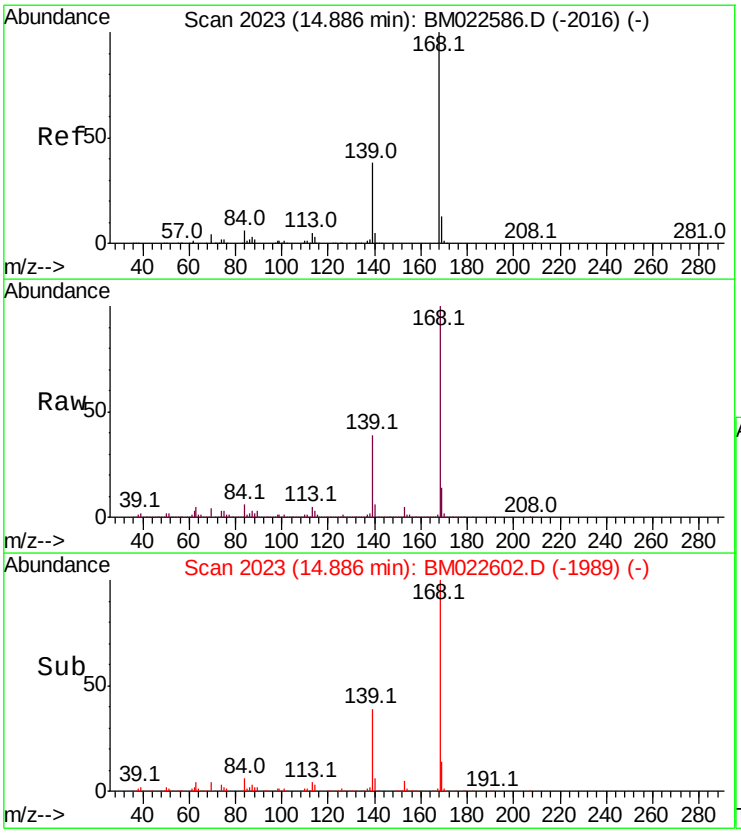
#50
Acenaphthene
Concen: 120.234 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 7279855

Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.5	56.3
154	88.8	71.4	107.0

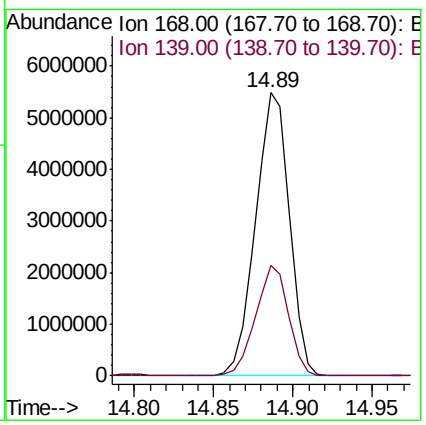


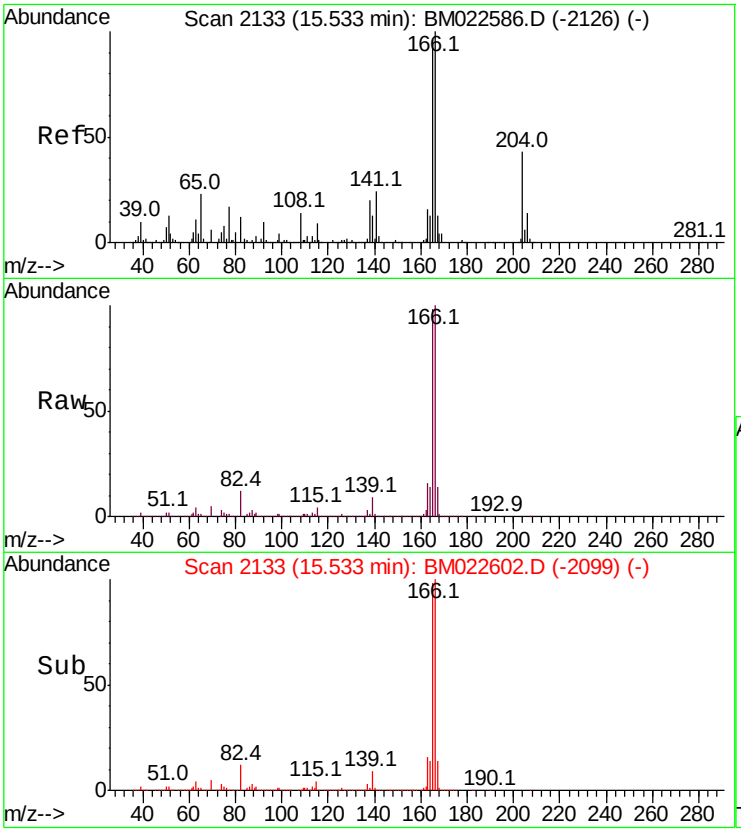


#54
Dibenzofuran
Concen: 97.223 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:168 Resp: 8169634

Ion	Ratio	Lower	Upper
168	100		
139	38.9	29.5	44.3



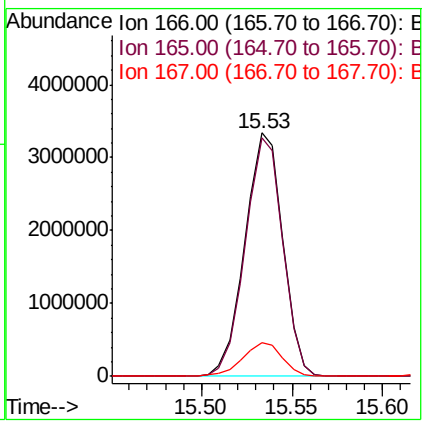


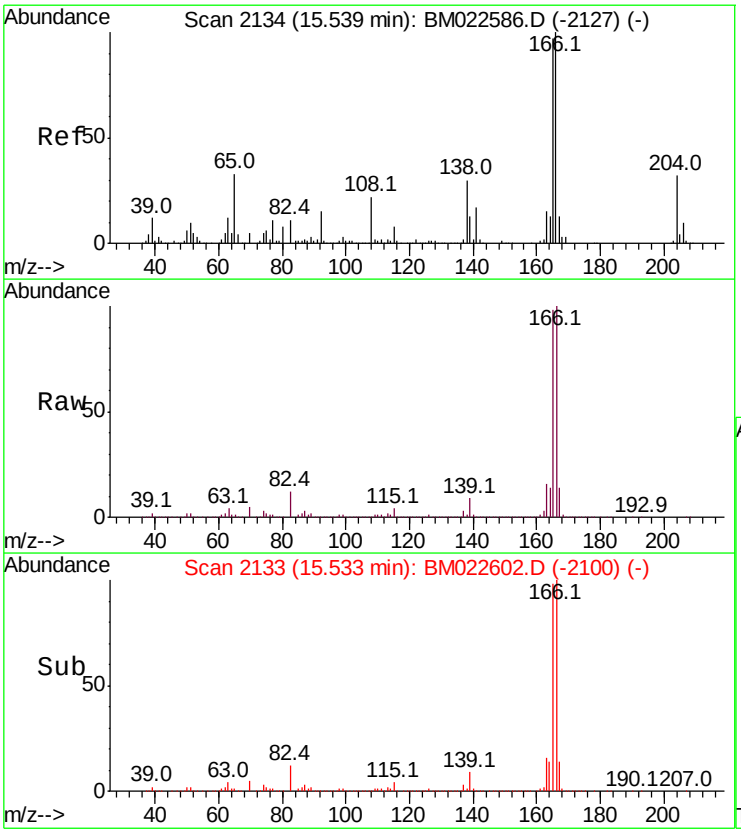
#59
Fluorene
Concen: 69.951 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 4835848

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.7	10.9	16.3

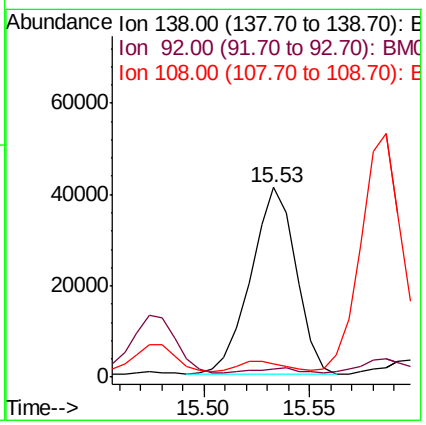


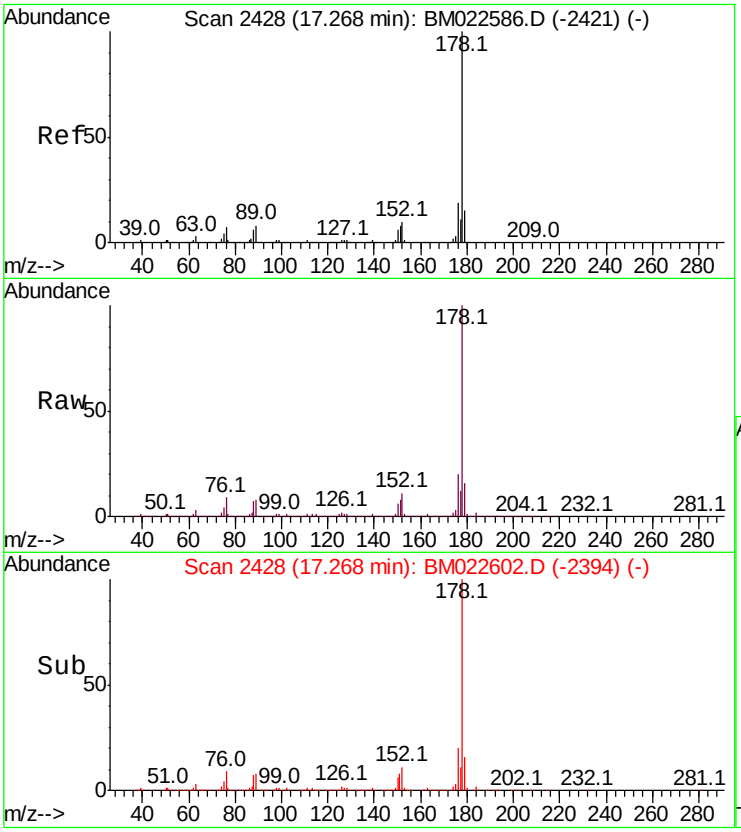


#61
4-Nitroaniline
Concen: 4.252 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:138 Resp: 61093

Ion	Ratio	Lower	Upper
138	100		
92	4.4	40.3	60.5#
108	7.1	62.2	93.2#



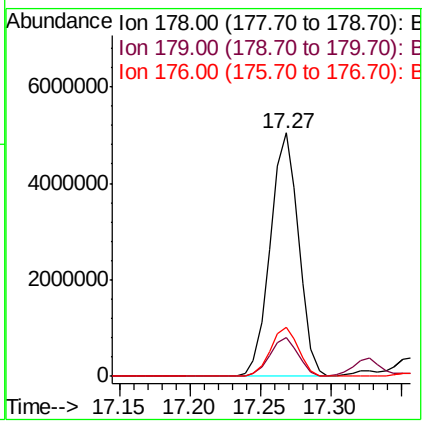


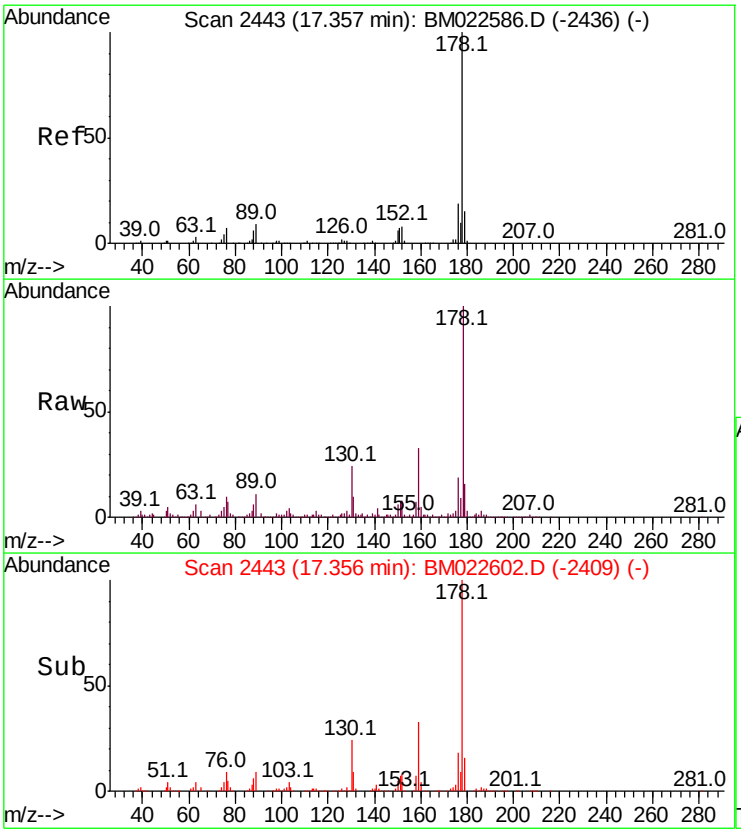
#70
Phenanthrene
Concen: 65.981 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 7088098

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.0	18.0
176	20.2	15.4	23.0

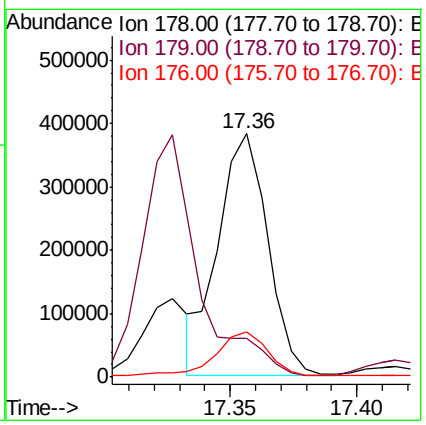


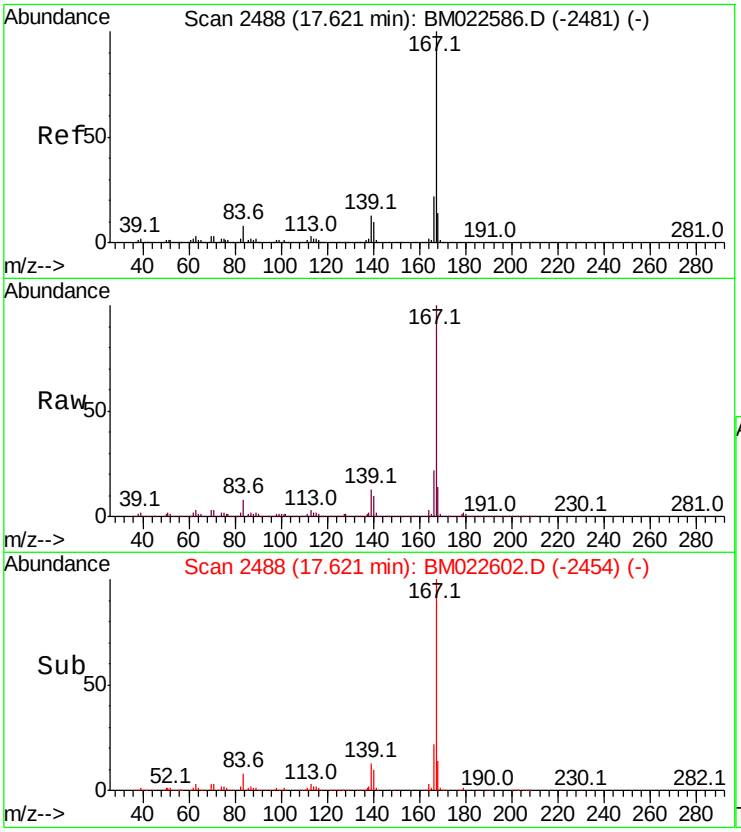


#72
Anthracene
Concen: 4.732 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:178 Resp: 522162

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.6	14.7	22.1



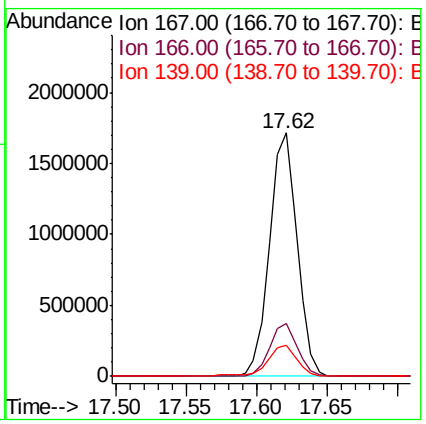


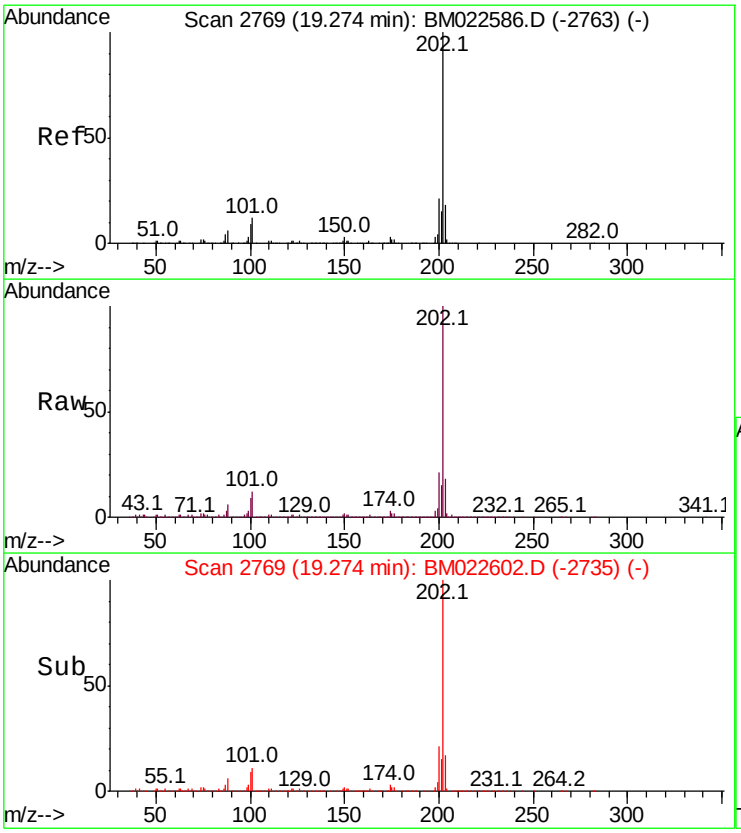
#75
Carbazole
Concen: 23.687 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 2349319

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.8	10.6	15.8

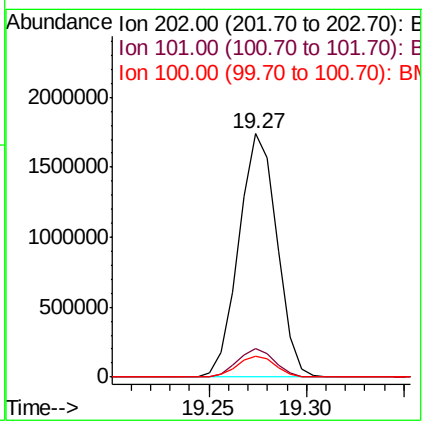


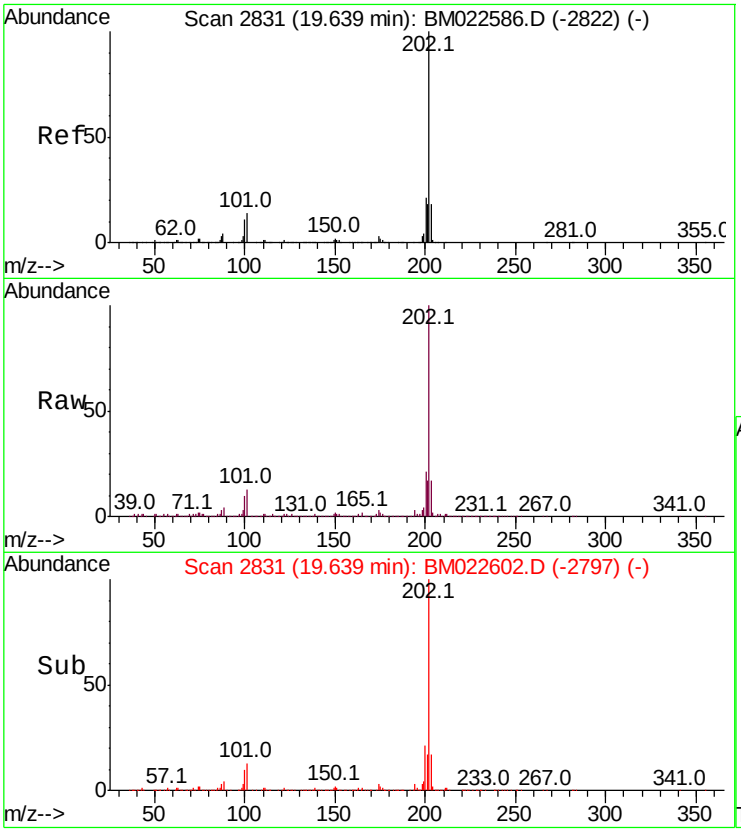


#77
Fluoranthene
Concen: 19.295 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:202 Resp: 2352301

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.3	9.5



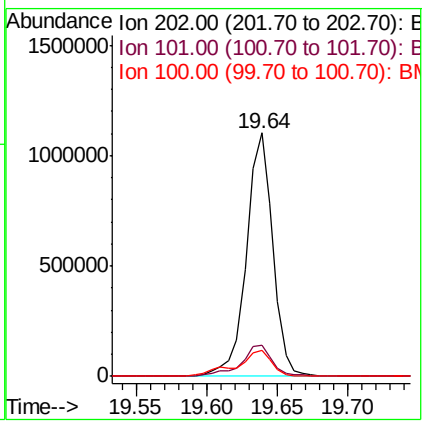


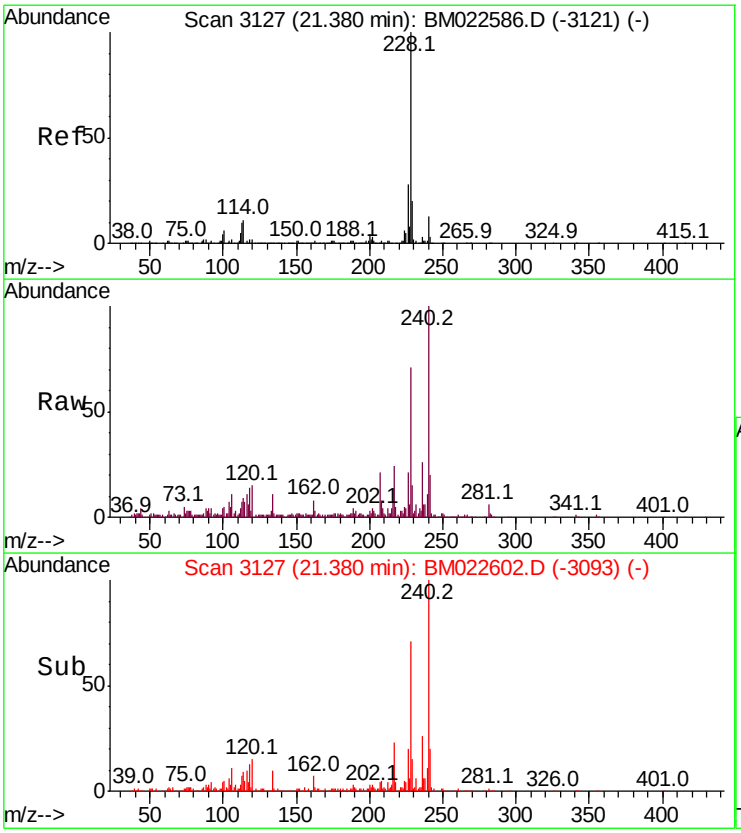
#80
Pyrene
Concen: 10.915 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1446966

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	10.5	8.6	13.0

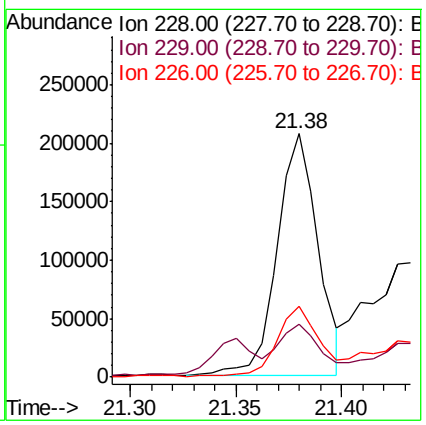


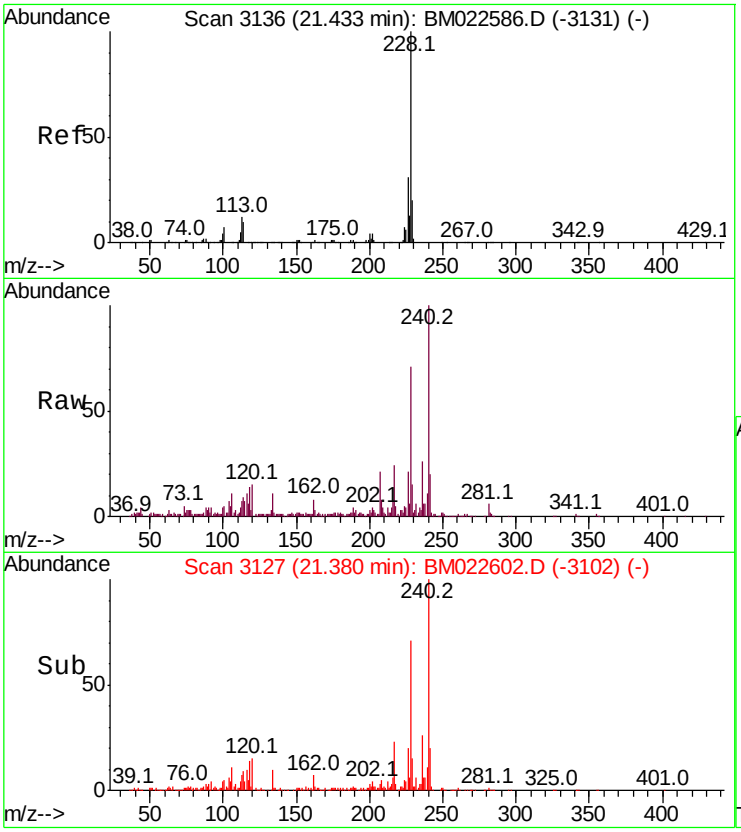


#83
Benzo(a)anthracene
Concen: 2.065 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:228 Resp: 280641

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	29.0	22.2	33.2



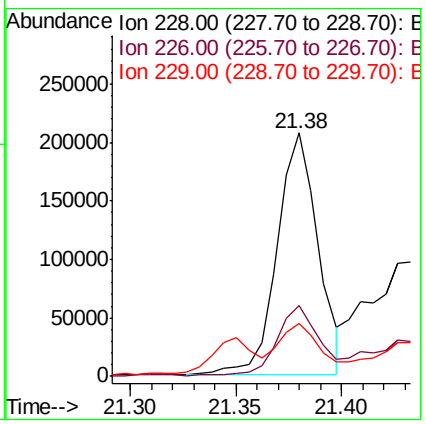


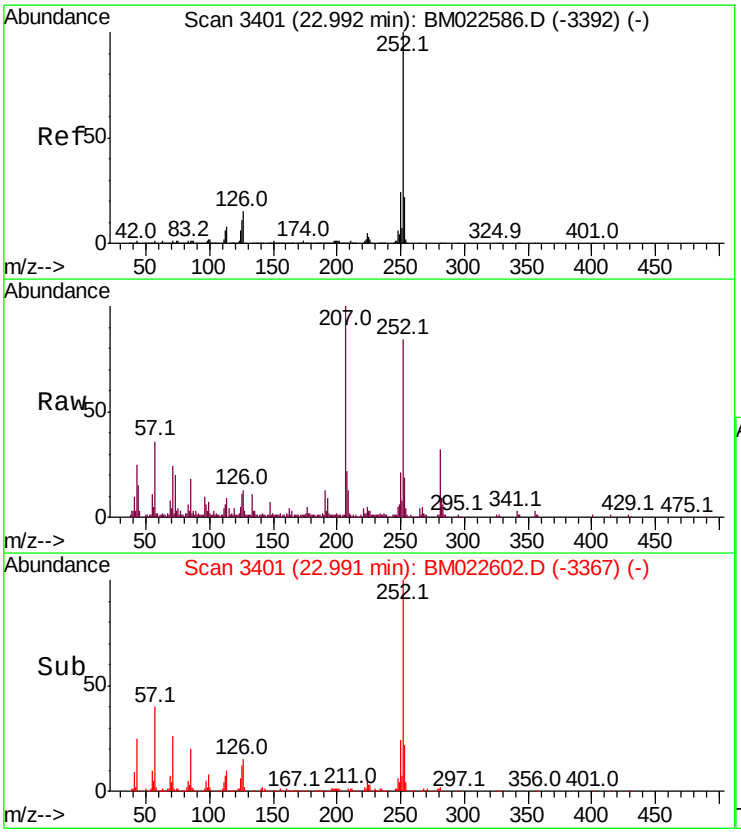
#85
Chrysene
Concen: 2.246 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.05 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 280885

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	21.6	15.8	23.6

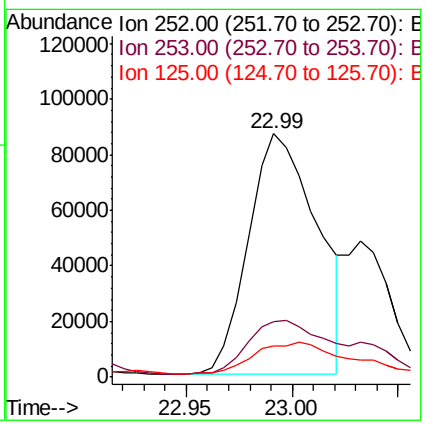


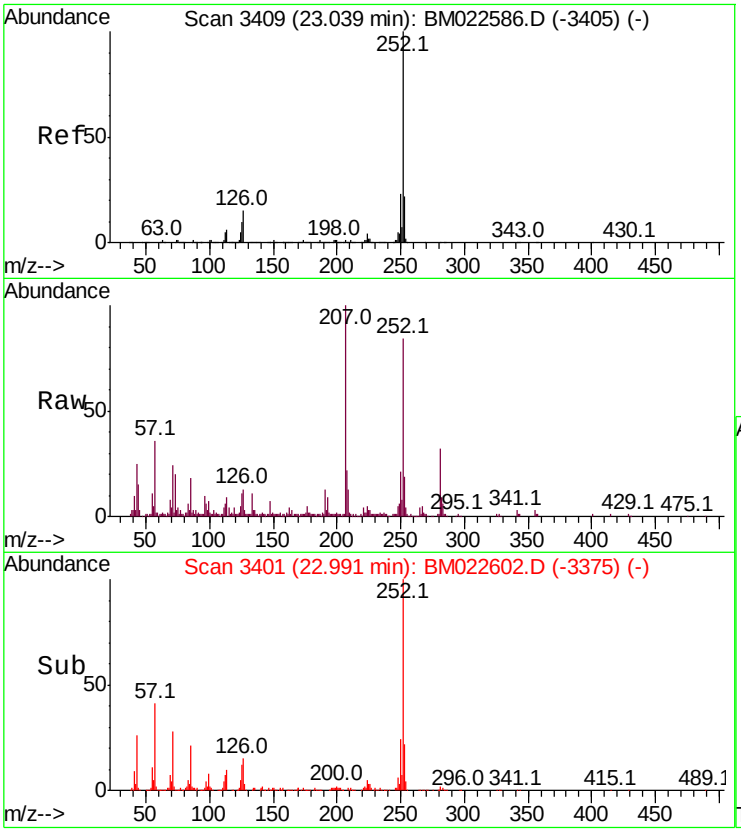


#88
Benzo(b)fluoranthene
Concen: 1.486 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:252 Resp: 195287

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.9	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 1.529 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.05 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 195287

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.9	8.2	12.2#