Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (Not Reviewed)

Data File : BM022312.D
Acq On : 25 Aug 2019 03:34
Operator : HP/JU
Sample : K4373-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE4

Quant Time: Aug 26 01:36:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	49498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	219526	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	159582	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	371054	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	339799	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	313216	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	5366	4.85	ng/uL	0.00
5) Phenol-d5	6.75	99	29447	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	69774	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	85293	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57144	15.43	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	51665	31.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	64224	33.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	116443	30.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	5882	1.25	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	418332	29.77	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	457272	30.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	14839	7.13	ng/ul	0.04
57) Fluorene-d10	15.22	176	365784	31.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	63595	22.21	ng/ul	0.00
70) Anthracene-d10	17.07	188	629691	32.05	ng/ul	0.00
78) Pyrene-d10	19.38	212	751349	42.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	553260	32.15	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.79	77	9910	4.030	ng/ul#	10
6) Phenol	6.79	94	730760	159.752	ng/ul	96
16) 4-Methylphenol	8.35	108	12862	3.247	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	11421	2.327	ng/ul	93
28) Naphthalene	10.39	128	2988016	246.641	ng/ul	99
30) 4-Chloroaniline	10.39	127	399758	81.425	ng/ul#	7
34) 2-Methylnaphthalene	12.00	142	92332	9.892	ng/ul	93
40) 1,1'-Biphenyl	13.03	154	25806	1.987	ng/ul#	92
44) Dimethylphthalate	13.69	163	45370	3.173	ng/ul	98
49) Acenaphthene	14.27	153	317265	28.469	ng/ul	100
53) Dibenzofuran	14.61	168	136583	8.229	ng/ul	100
58) Fluorene	15.27	166	117778	8.425	ng/ul	99
69) Phenanthrene	17.02	178	212743	9.584	ng/ul	99
71) Anthracene	17.11	178	46957	2.033	ng/ul	96
74) Carbazole	17.40	167	94915	4.549	ng/ul	96
76) Fluoranthene	19.04	202	35776	1.069	ng/ul#	94
79) Pyrene	19.41	202	25603	1.164	ng/ul#	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (Not Reviewed)

Data File : BM022312.D
Acq On : 25 Aug 2019 03:34
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Sample : K4373-18
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Instrument :
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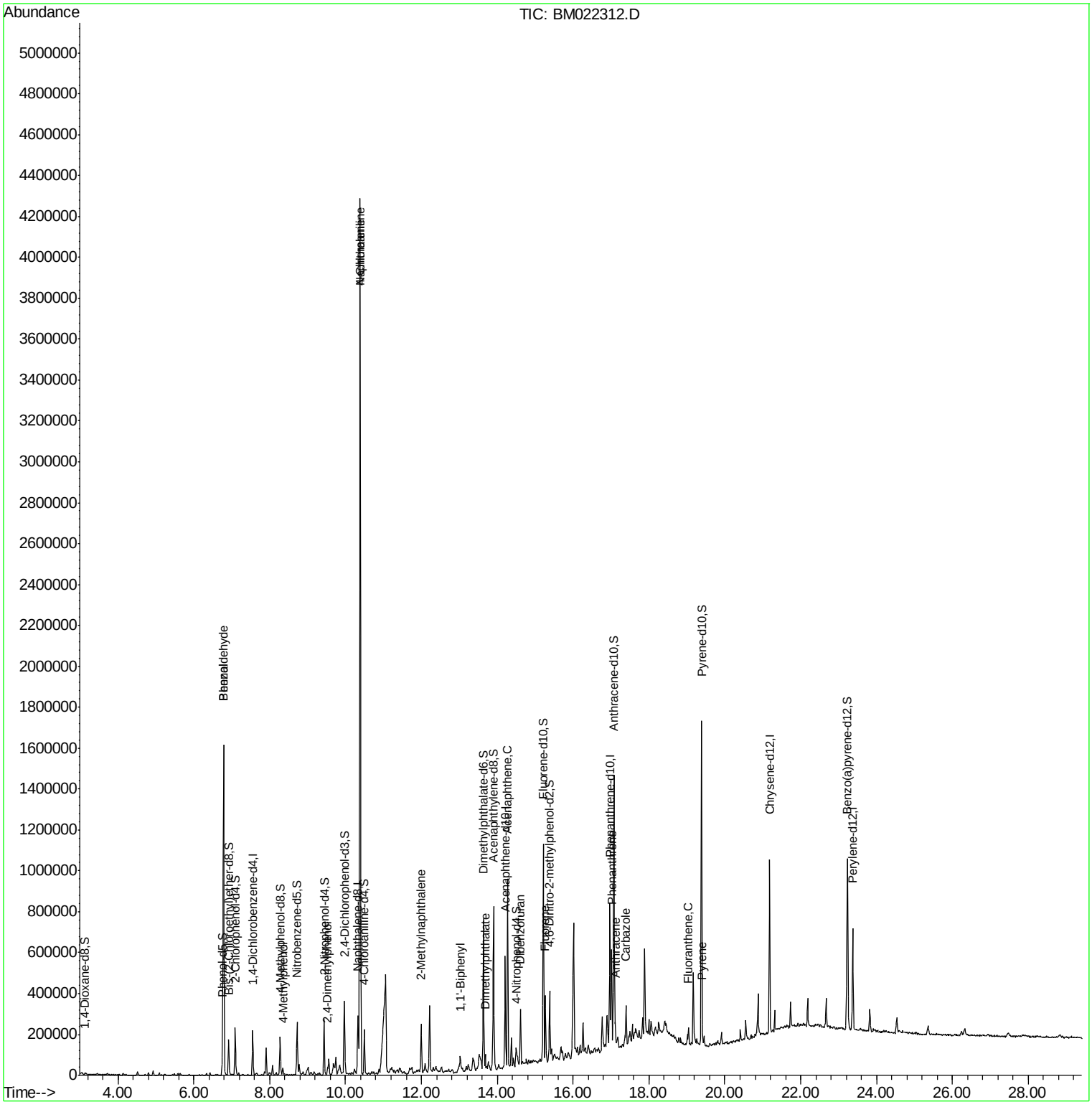
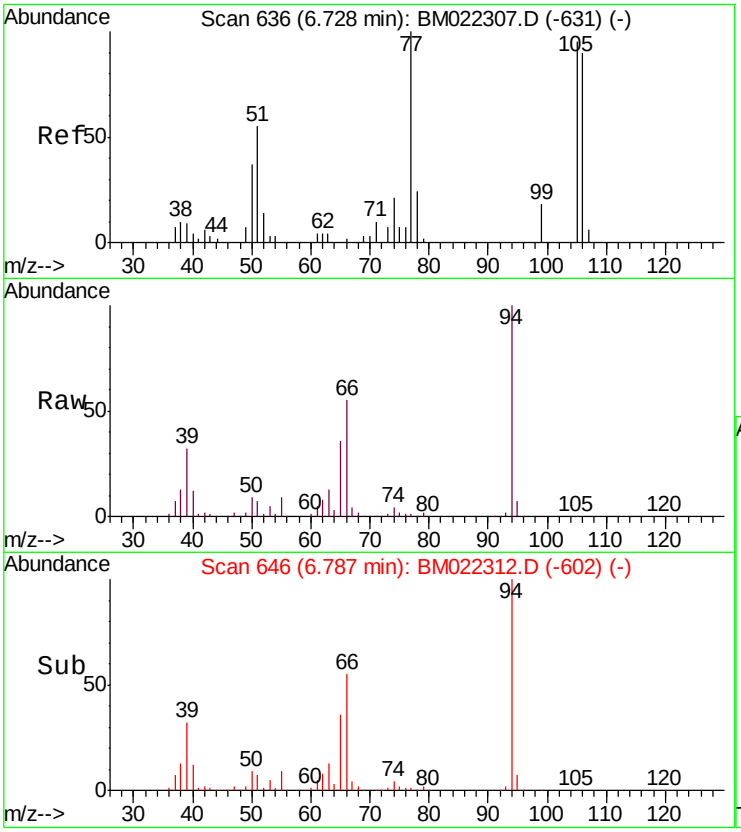
Quant Time: Aug 26 01:36:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



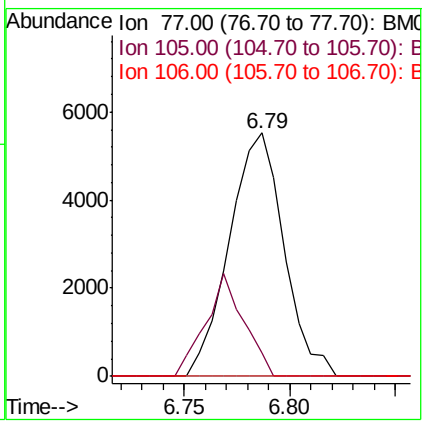


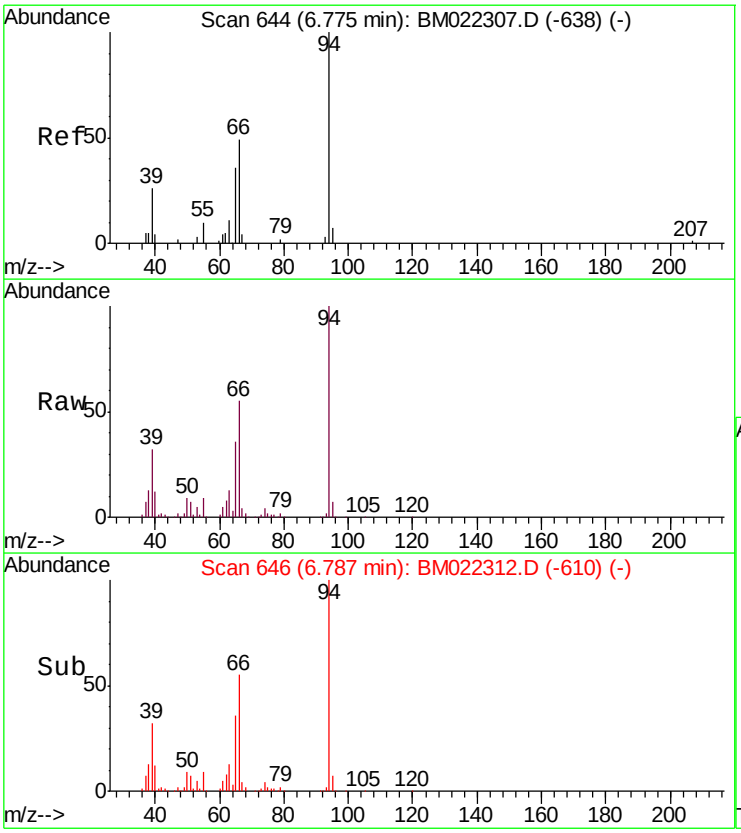
#4
Benzaldehyde
Concen: 4.030 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. 0.06 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion: 77 Resp: 9910

Ion	Ratio	Lower	Upper
77	100		
105	9.5	71.7	107.5#
106	0.0	71.7	107.5#

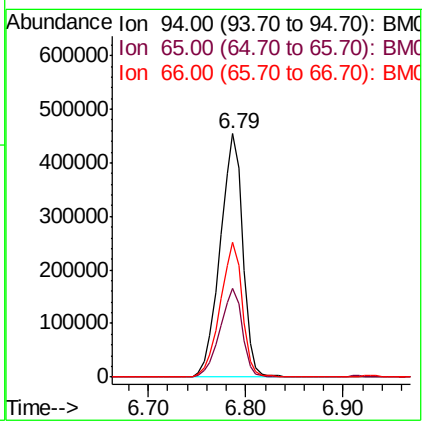


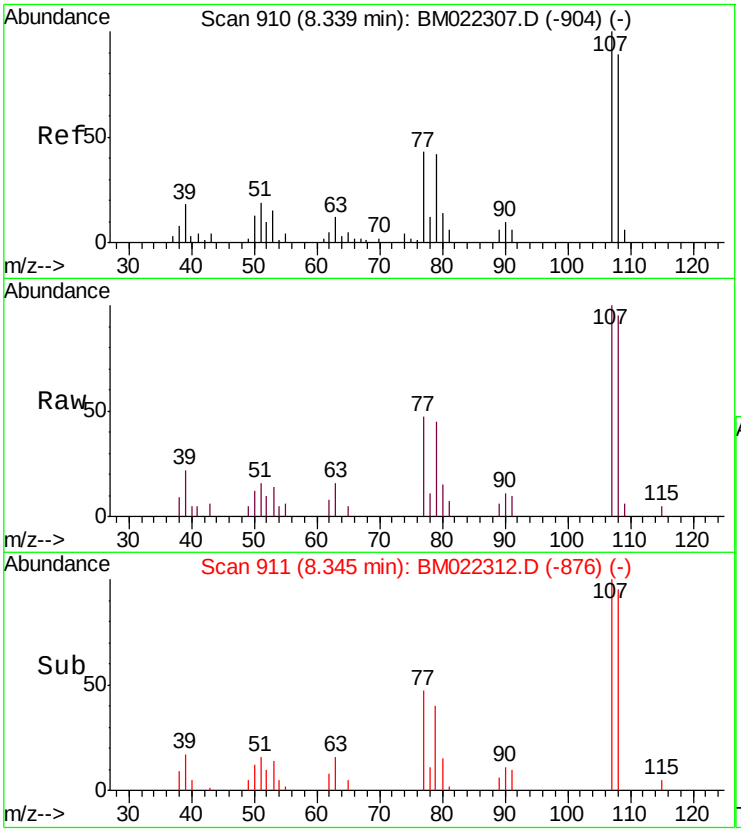


#6
Phenol
Concen: 159.752 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion: 94 Resp: 730760

Ion	Ratio	Lower	Upper
94	100		
65	36.4	29.2	43.8
66	55.2	40.6	60.8



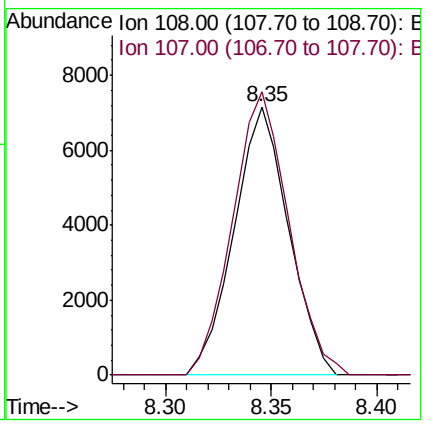


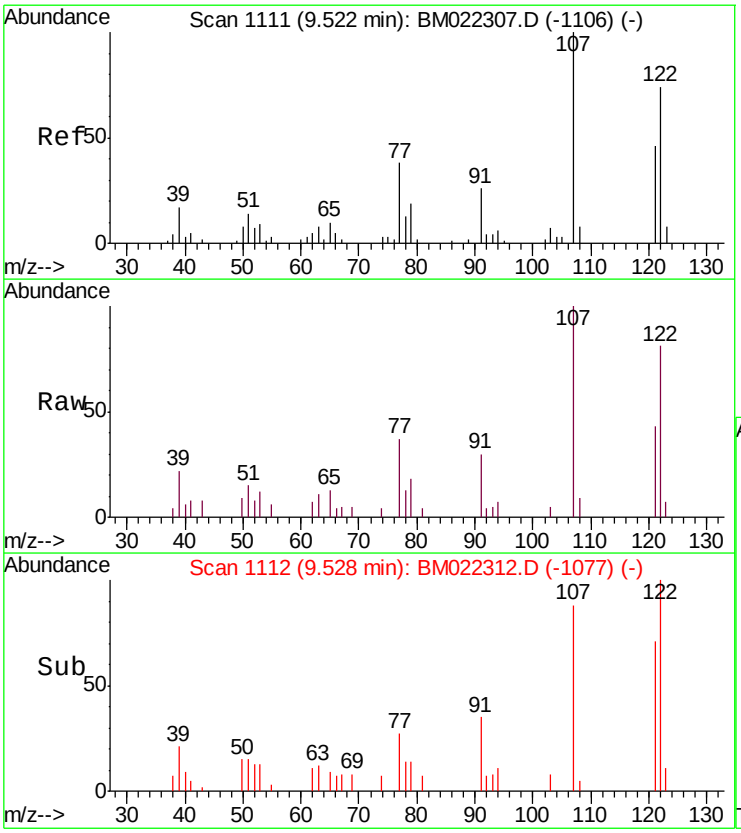
#16
4-Methylphenol
Concen: 3.247 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:108 Resp: 12862

Ion	Ratio	Lower	Upper
108	100		
107	105.6	90.8	136.2

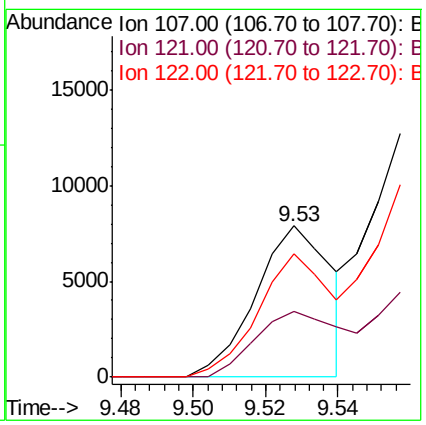


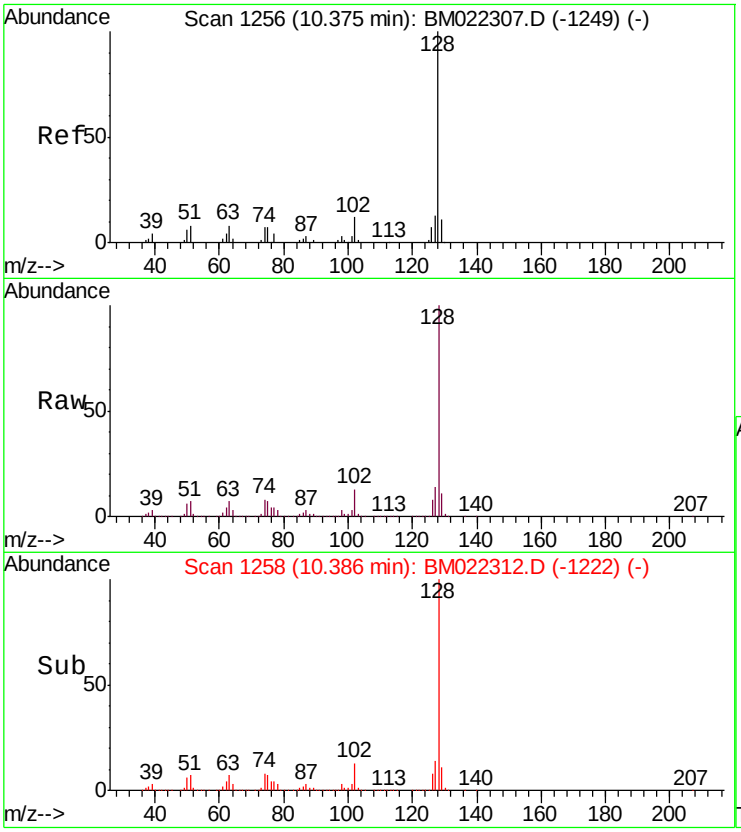


#24
2,4-Dimethylphenol
Concen: 2.327 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:107 Resp: 11421

Ion	Ratio	Lower	Upper
107	100		
121	43.3	33.6	50.4
122	81.2	58.0	87.0



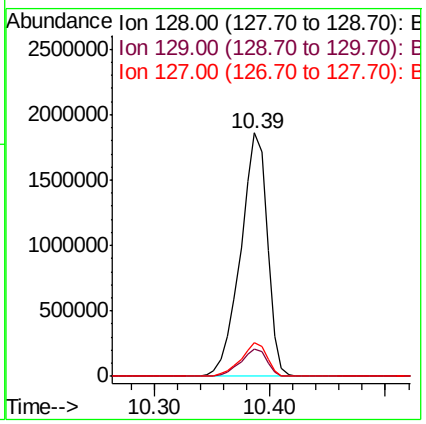


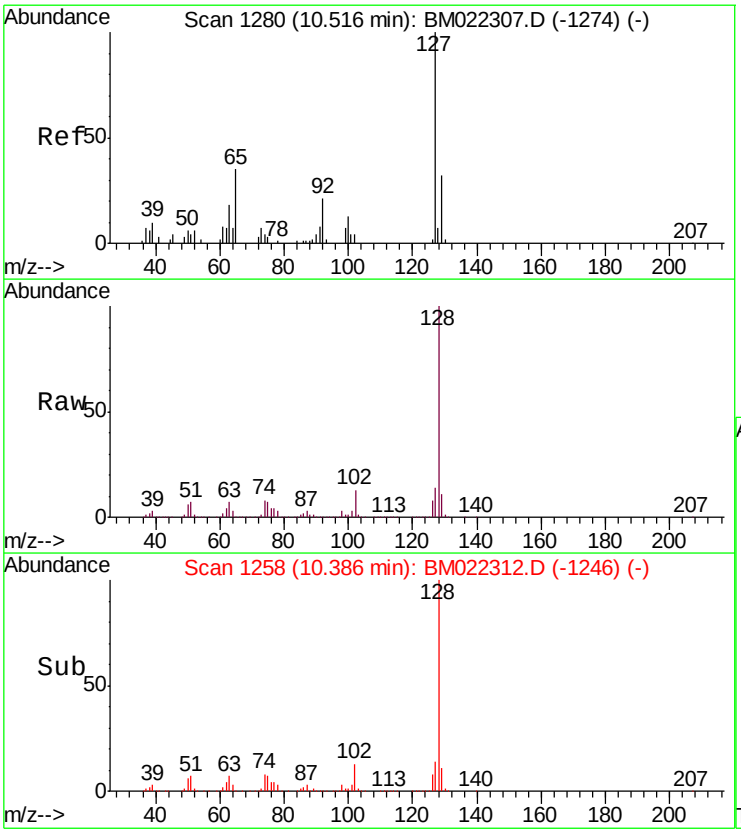
#28
Naphthalene
Concen: 246.641 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:128 Resp: 2988016

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.4	15.6

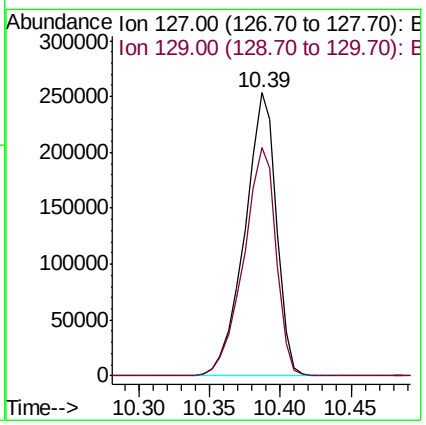


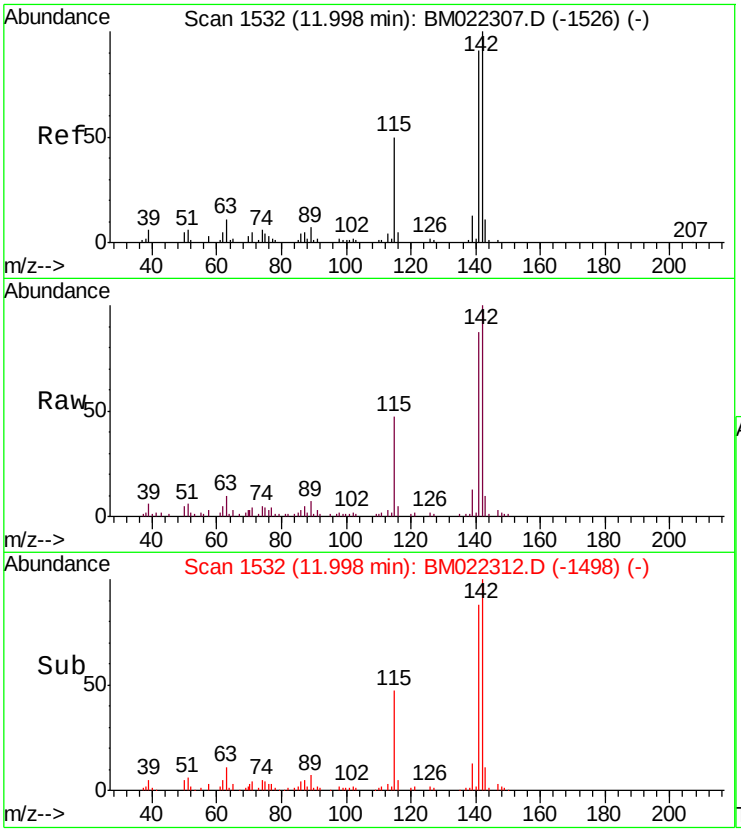


#30
4-Chloroaniline
Concen: 81.425 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. -0.13 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:127 Resp: 399758

Ion	Ratio	Lower	Upper
127	100		
129	80.7	24.2	36.4#



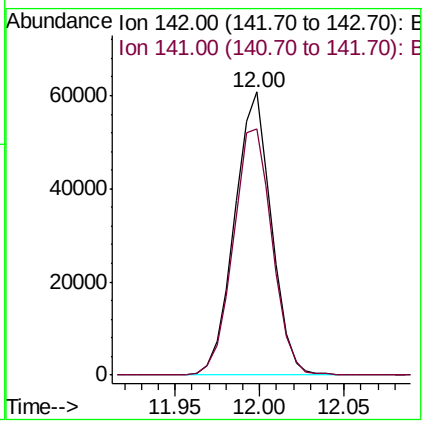


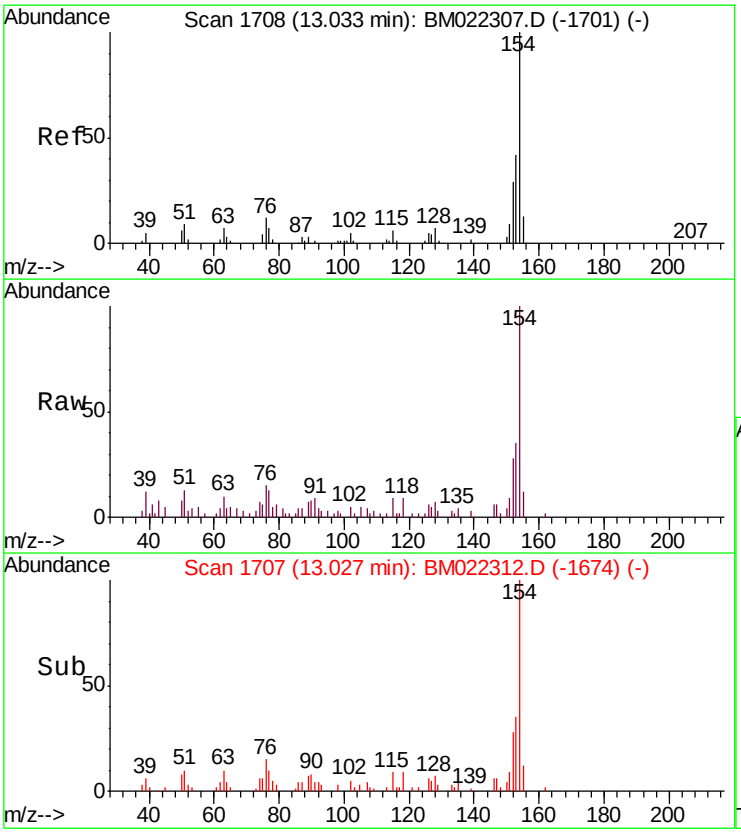
#34
2-Methylnaphthalene
Concen: 9.892 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:142 Resp: 92332

Ion	Ratio	Lower	Upper
142	100		
141	86.9	75.1	112.7

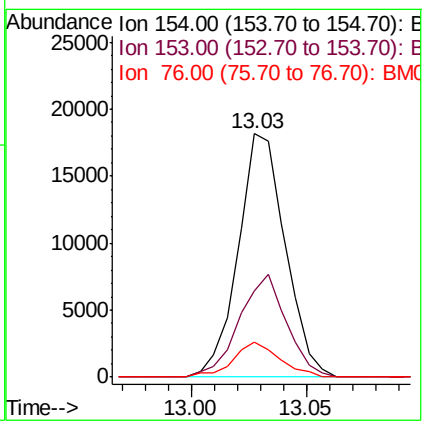


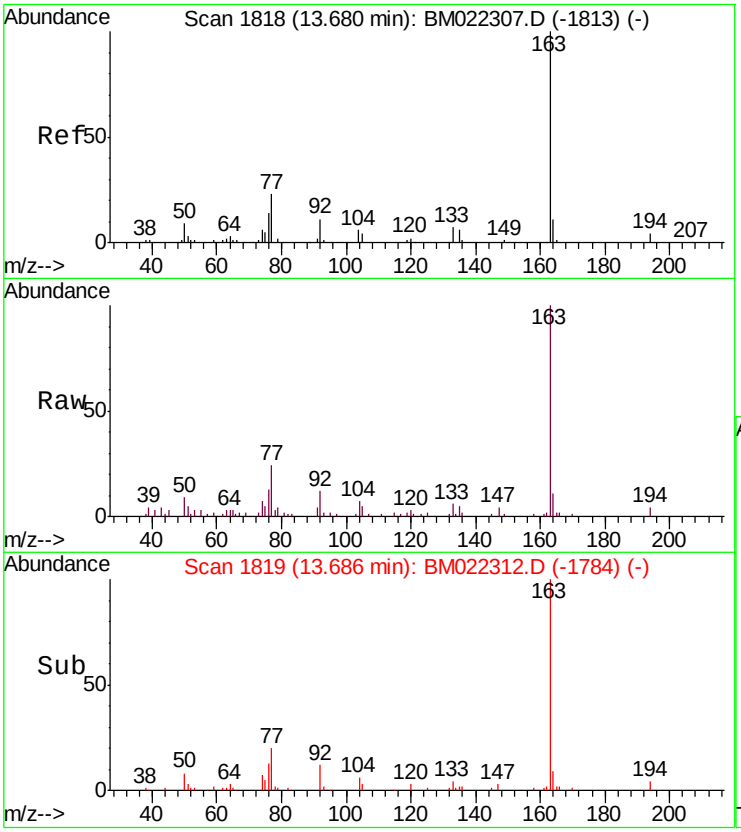


#40
1,1'-Biphenyl
Concen: 1.987 ng/ul
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:154 Resp: 25806

Ion	Ratio	Lower	Upper
154	100		
153	35.3	32.5	48.7
76	14.6	9.2	13.8#



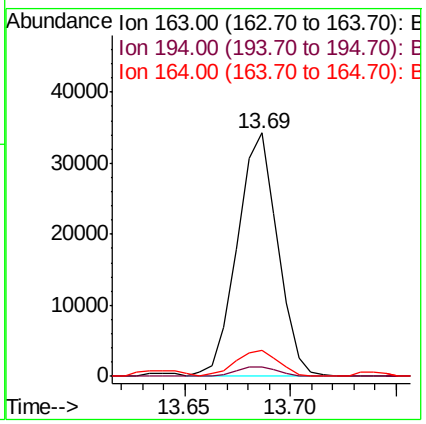


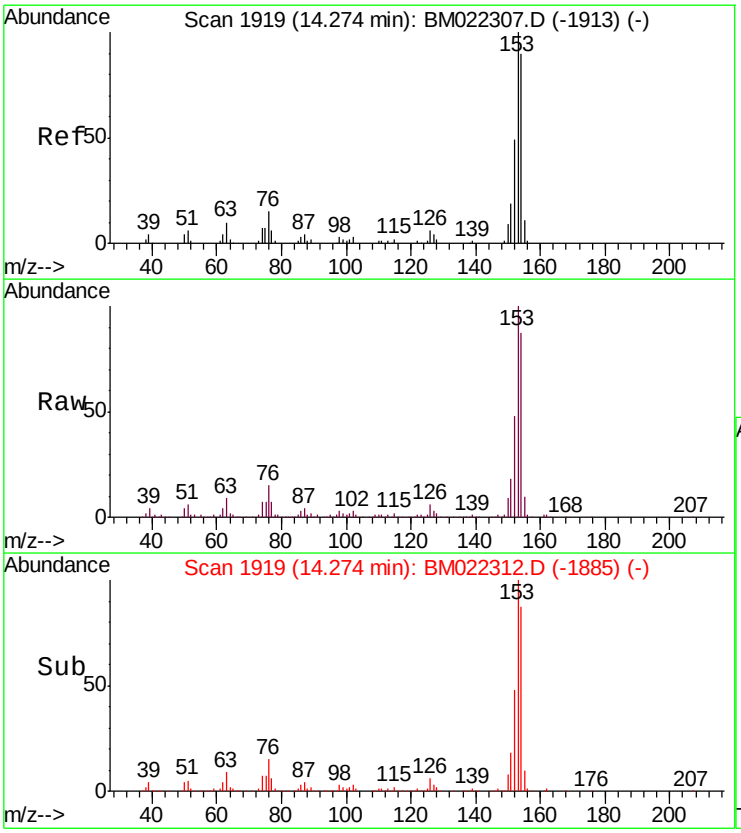
#44
Dimethylphthalate
Concen: 3.173 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:163 Resp: 45370

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.7	7.8	11.8

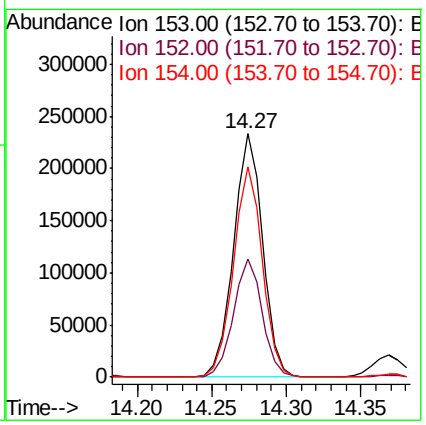


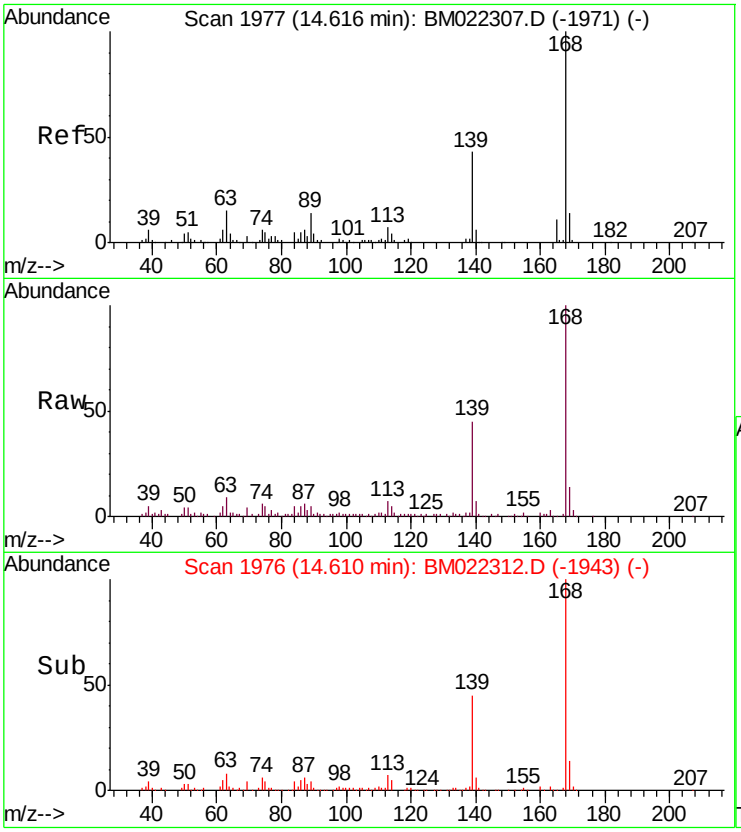


#49
Acenaphthene
Concen: 28.469 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:153 Resp: 317265

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.6	58.0
154	86.6	68.9	103.3



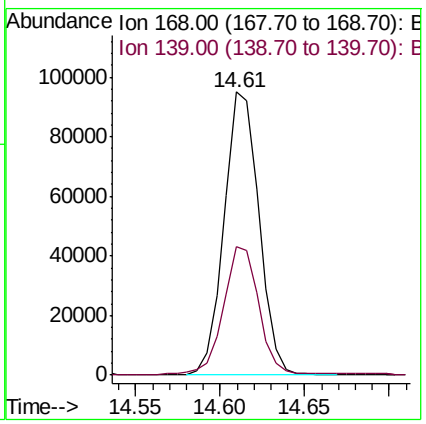


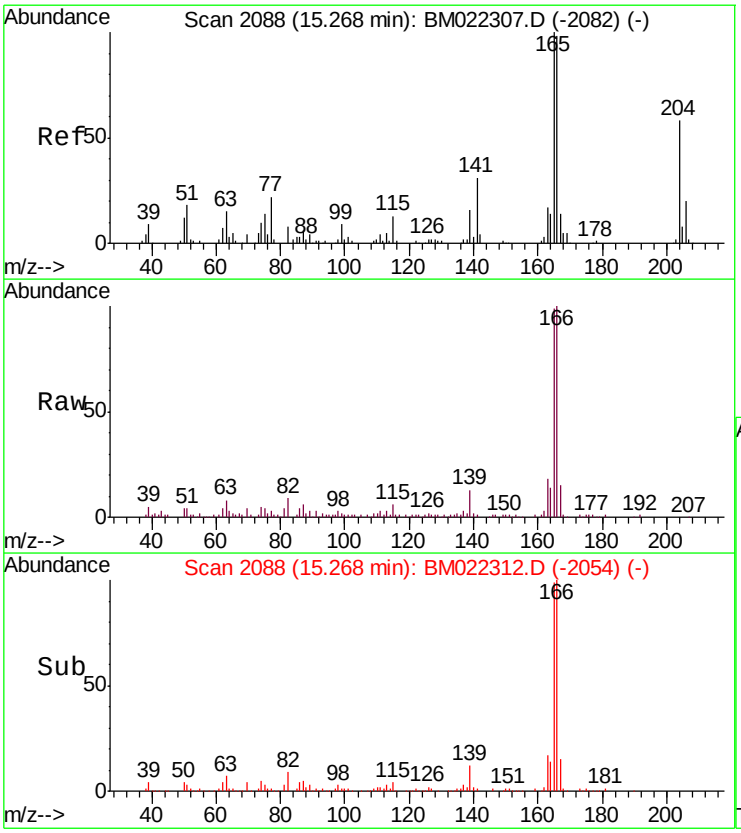
#53
Dibenzofuran
Concen: 8.229 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:168 Resp: 136583

Ion	Ratio	Lower	Upper
168	100		
139	45.2	36.2	54.4

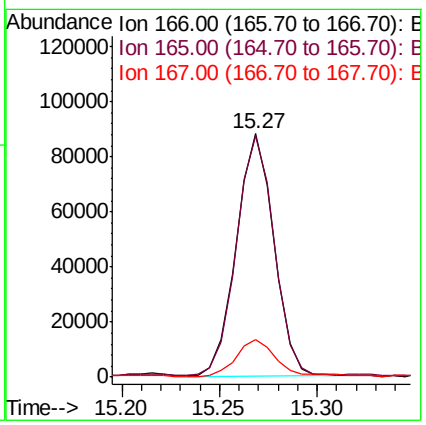


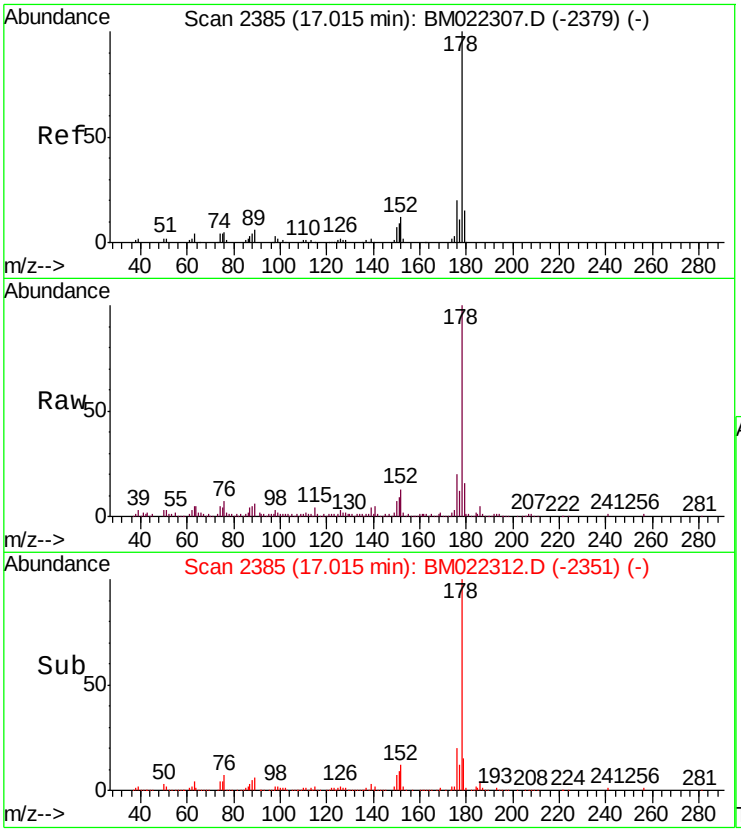


#58
Fluorene
Concen: 8.425 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:166 Resp: 117778

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.2	120.2
167	15.2	11.4	17.0



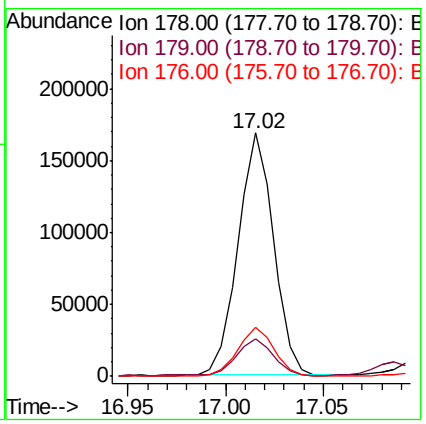


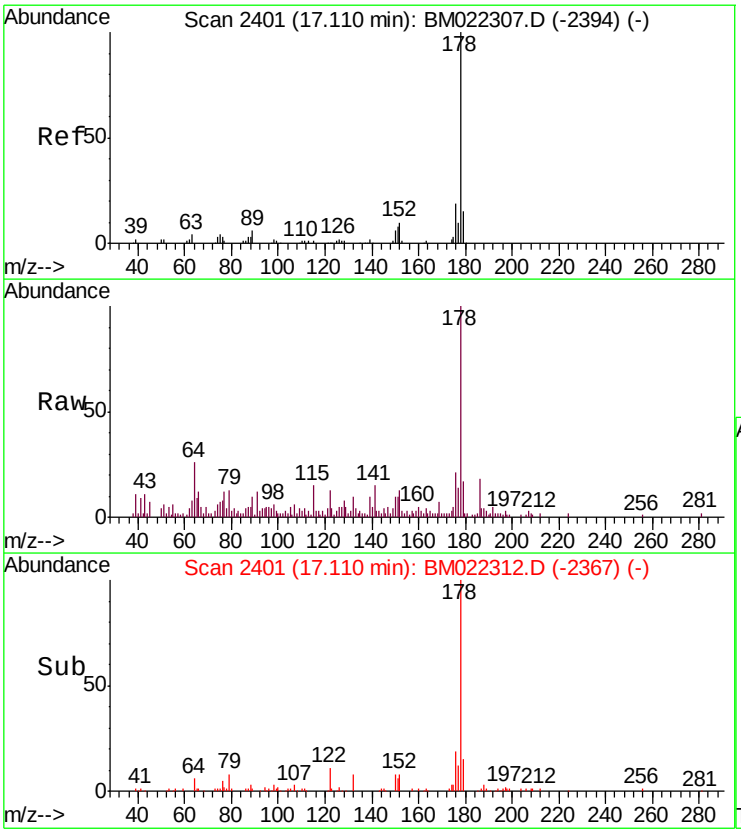
#69
Phenanthrene
Concen: 9.584 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:178 Resp: 212743

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	20.0	15.4	23.0

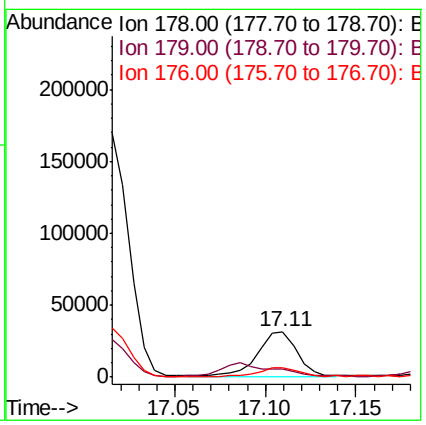


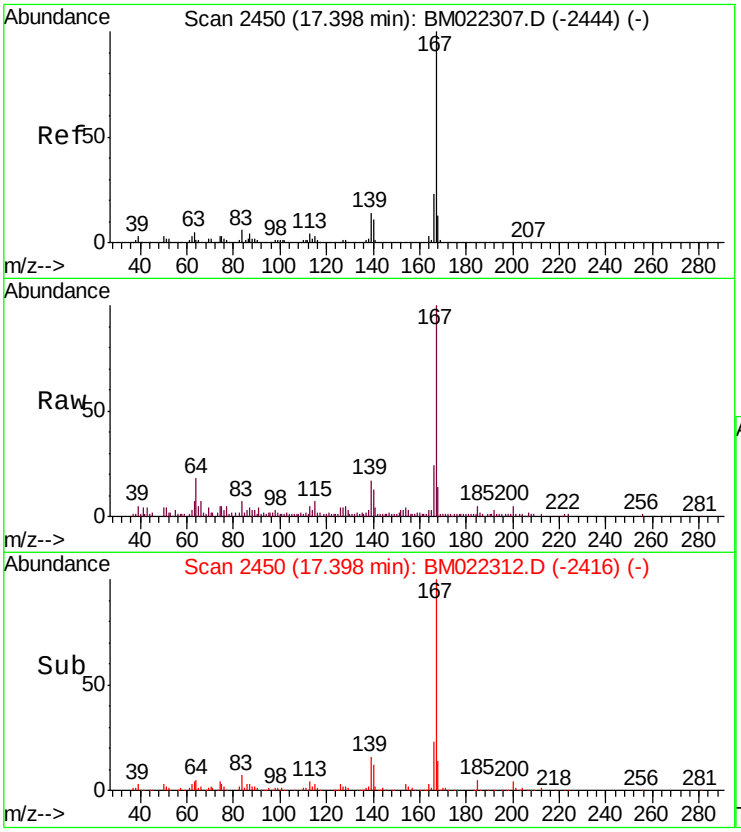


#71
Anthracene
Concen: 2.033 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:178 Resp: 46957

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	21.2	15.5	23.3



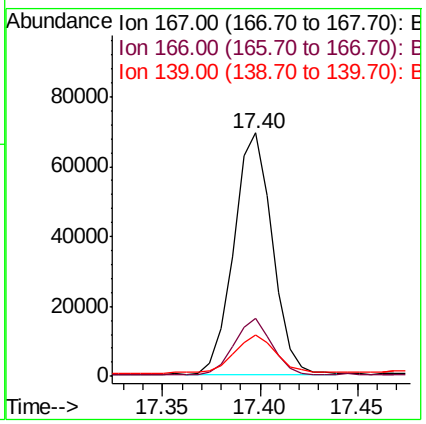


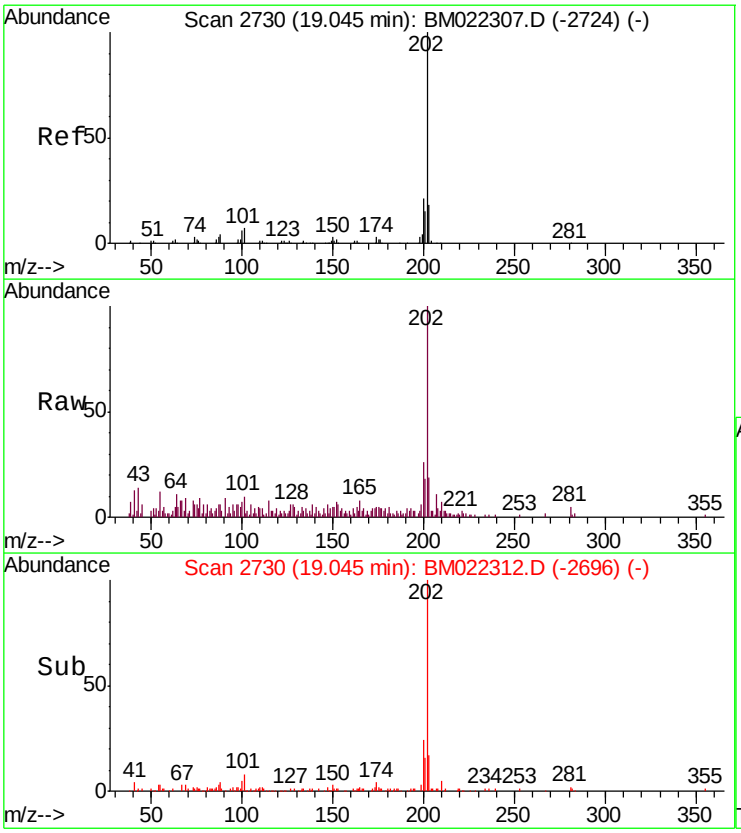
#74
Carbazole
Concen: 4.549 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:167 Resp: 94915

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.8	26.8
139	17.2	11.8	17.8

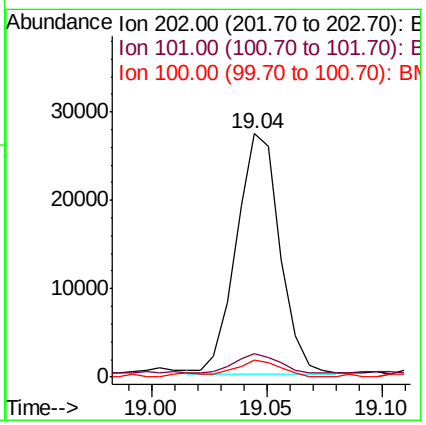


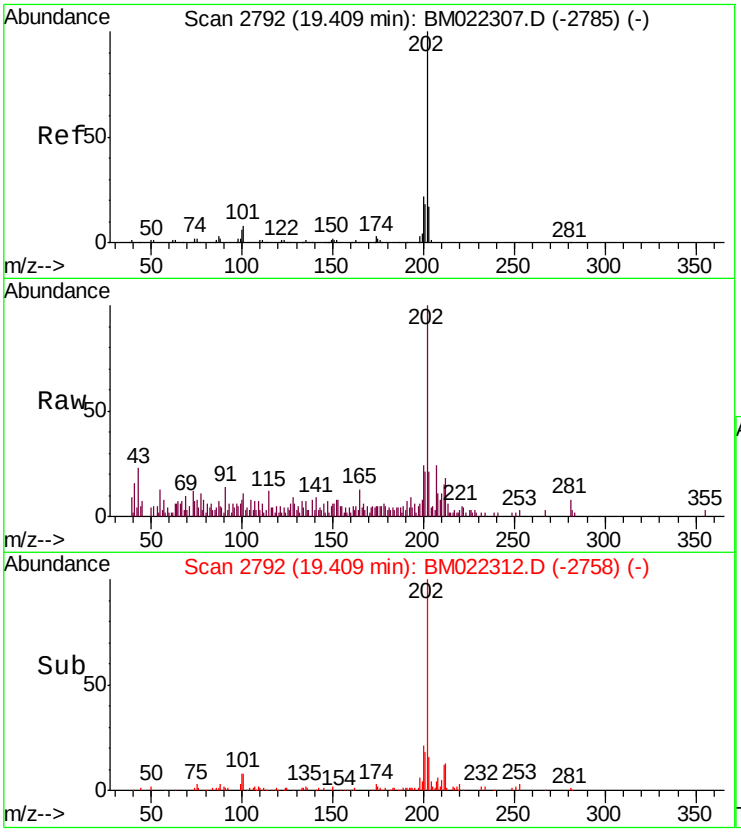


#76
Fluoranthene
Concen: 1.069 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Tgt Ion:202 Resp: 35776

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.3	7.9#
100	6.9	4.6	6.8#





#79
Pyrene
Concen: 1.164 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM022312.D
Acq: 25 Aug 2019 03:34

Instrument :
BNA_M
ClientSampleId :
C0AE4

Tgt Ion:202 Resp: 25603

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.0	10.4#
100	8.2	5.8	8.8