Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022368.D
Acq On : 27 Aug 2019 15:19
Operator : HP/JU
Sample : K4373-11DL2 40X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL2

Quant Time: Aug 27 17:09:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	26685	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	127976	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	92017	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	221727	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	200366	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	192969	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	465	0.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	348	0.19	ng/ul	0.01
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.45	143	231	0.21	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.97	165	1087	0.48	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	6088	0.75	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	6109	0.70	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	5913	0.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.06	188	10687	0.91	ng/ul	-0.01
78) Pyrene-d10	19.37	212	11519	1.11	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	8277	0.78	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.02	108	3356	1.728	ng/ul	94
17) Hexachloroethane	8.70	117	1357	1.434	ng/ul#	1
24) 2,4-Dimethylphenol	9.52	107	12944	4.525	ng/ul	92
28) Naphthalene	10.36	128	660095	93.464	ng/ul	100
30) 4-Chloroaniline	10.36	127	87947	30.728	ng/ul#	7
34) 2-Methylnaphthalene	11.99	142	29058	5.340	ng/ul	100
40) 1,1'-Biphenyl	13.02	154	17675	2.360	ng/ul	97
49) Acenaphthene	14.26	153	110892	17.257	ng/ul	98
53) Dibenzofuran	14.60	168	81837	8.551	ng/ul	98
58) Fluorene	15.26	166	57721	7.160	ng/ul	100
69) Phenanthrene	17.00	178	89706	6.763	ng/ul	100
74) Carbazole	17.39	167	78577	6.302	ng/ul	99

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

Quantitation Report (Not Reviewed)

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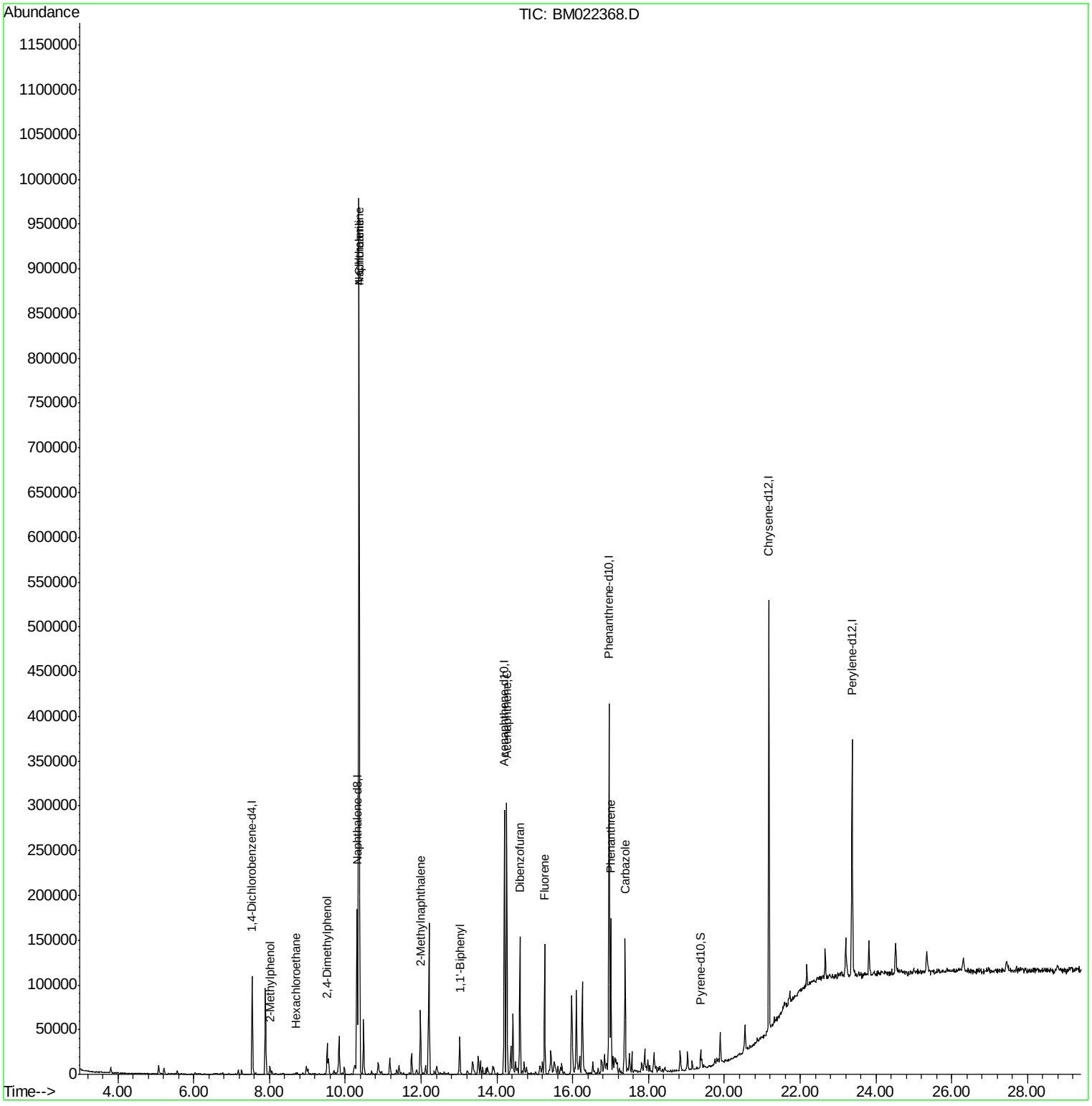
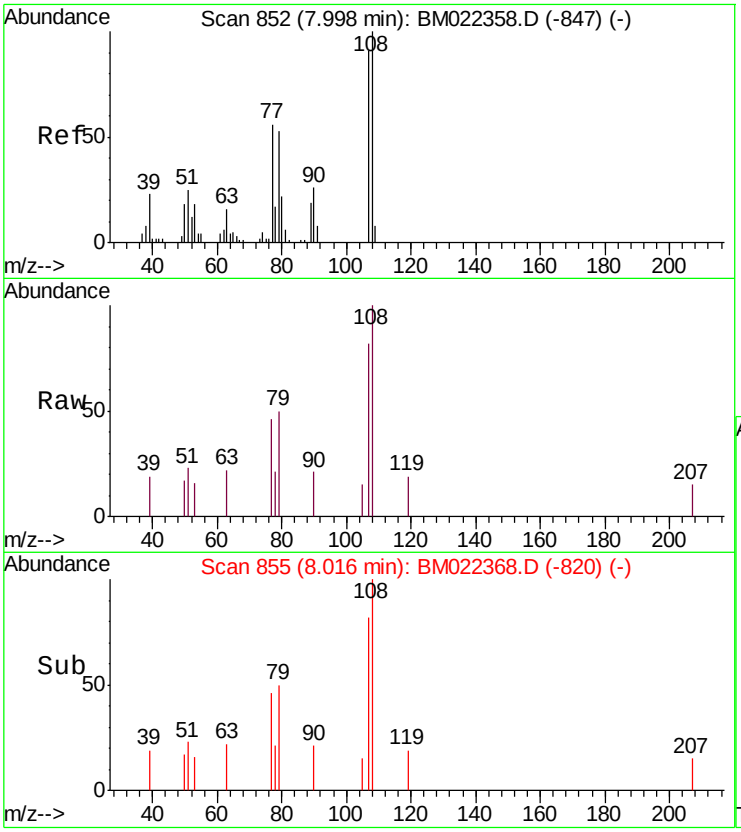
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Quant Time: Aug 27 17:09:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration



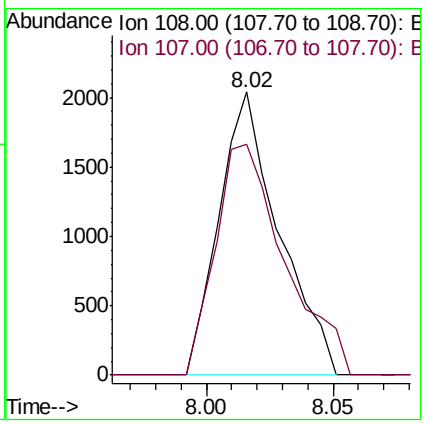


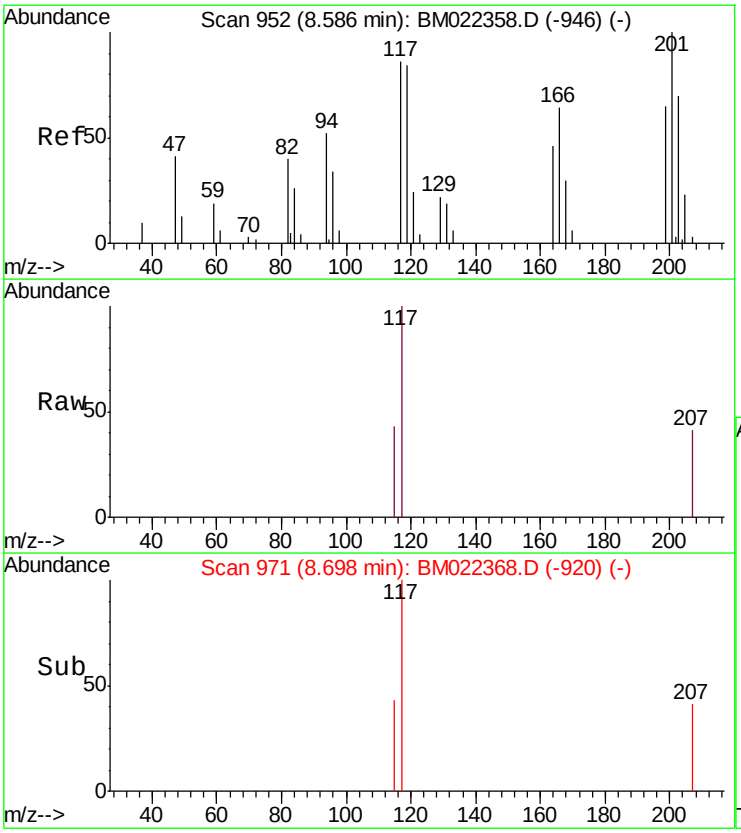
#11
2-Methylphenol
Concen: 1.728 ng/ul
RT: 8.02 min Scan# 855
Delta R.T. 0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tgt Ion:108 Resp: 3356

Ion	Ratio	Lower	Upper
108	100		
107	81.7	70.1	105.1

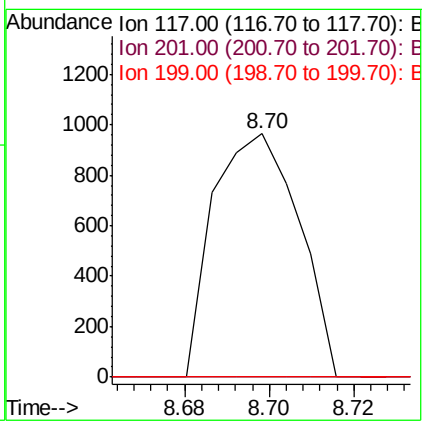


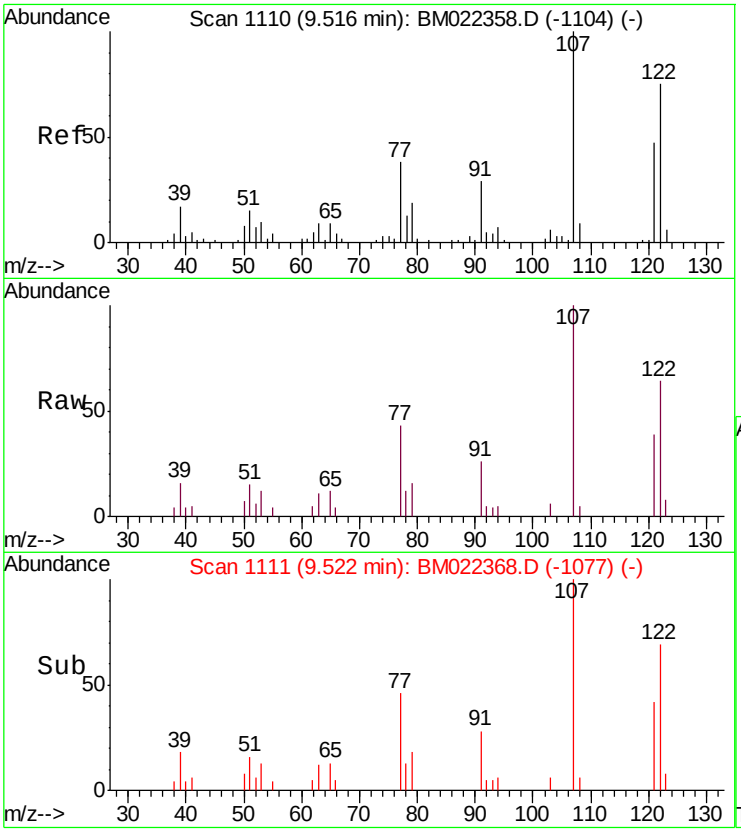


#17
Hexachloroethane
Concen: 1.434 ng/ul
RT: 8.70 min Scan# 971
Delta R.T. 0.10 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion:117 Resp: 1357

Ion	Ratio	Lower	Upper
117	100		
201	0.0	95.9	143.9#
199	0.0	60.6	90.8#



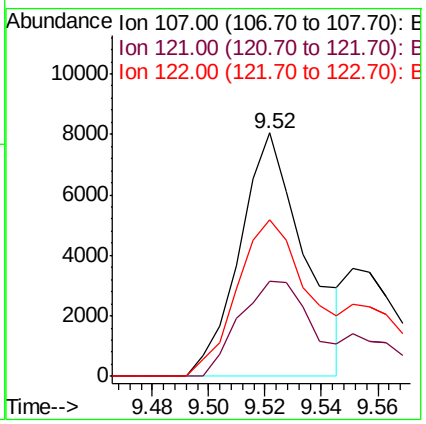


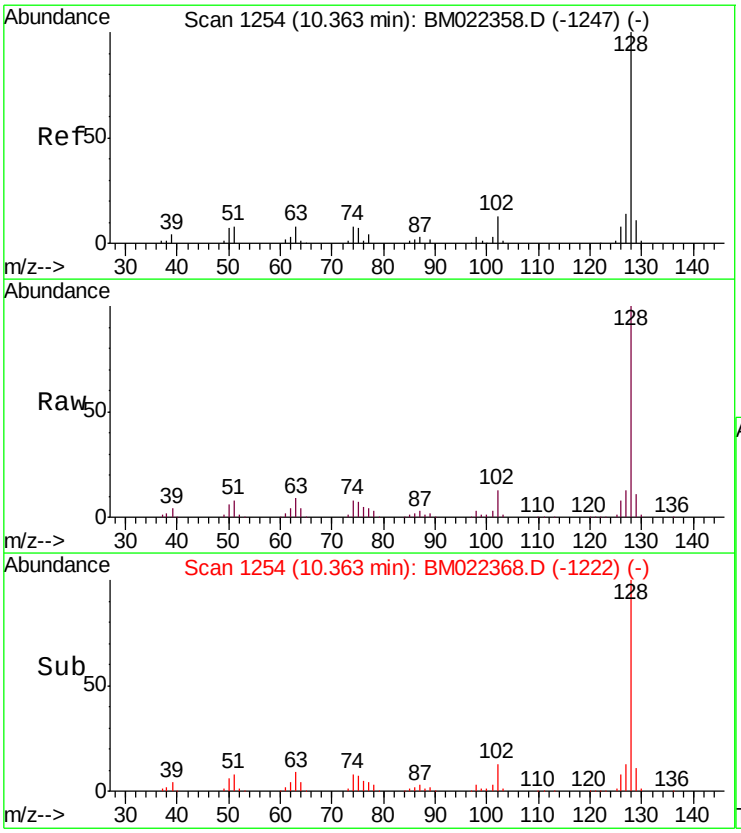
#24
2,4-Dimethylphenol
Concen: 4.525 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tgt Ion:107 Resp: 12944

Ion	Ratio	Lower	Upper
107	100		
121	39.0	33.6	50.4
122	64.4	58.0	87.0

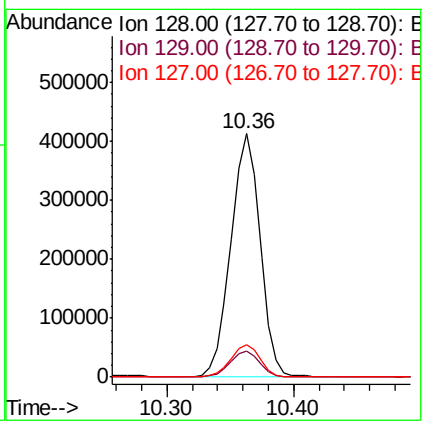


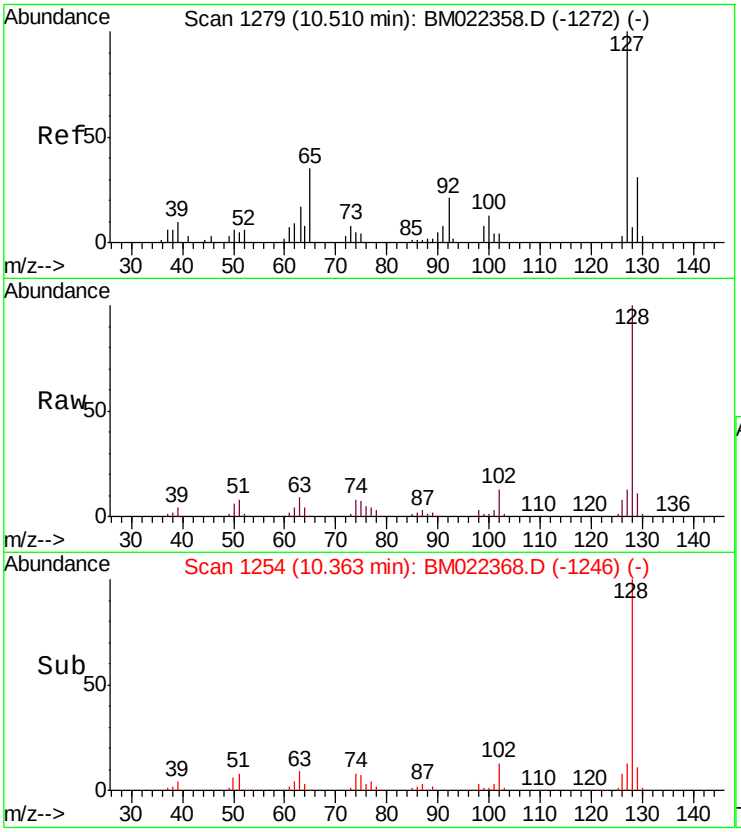


#28
Naphthalene
Concen: 93.464 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion:128 Resp: 660095

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.2	10.4	15.6



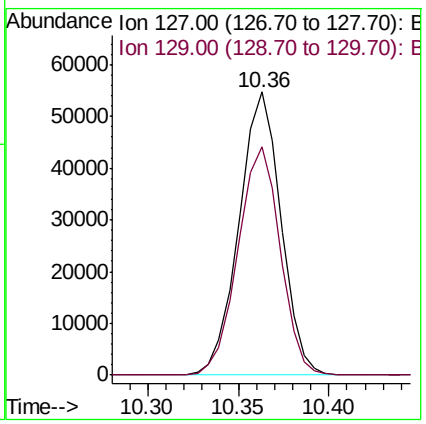


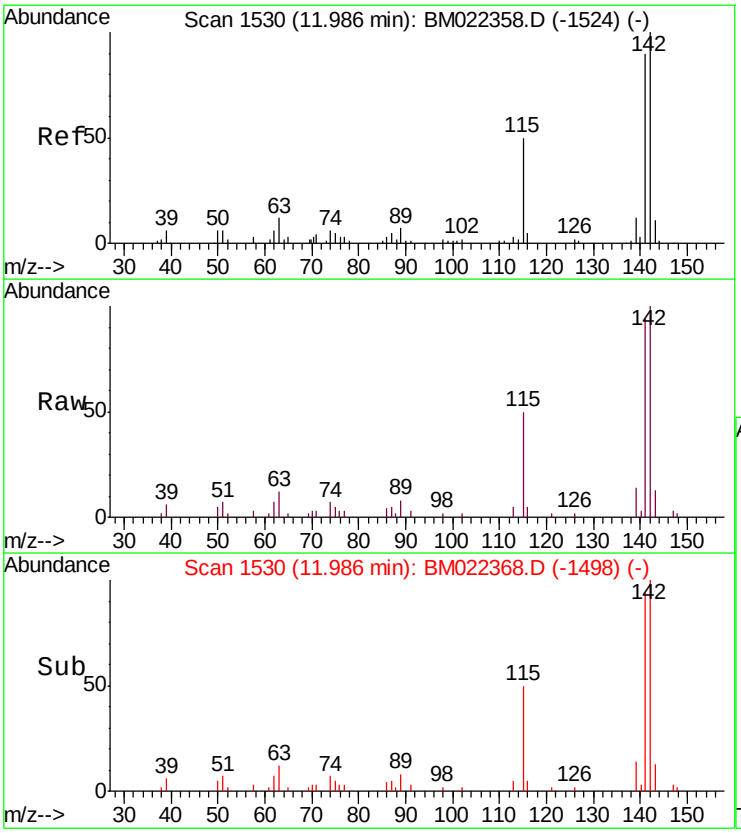
#30
4-Chloroaniline
Concen: 30.728 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.15 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tgt Ion:127 Resp: 87947

Ion	Ratio	Lower	Upper
127	100		
129	80.7	24.2	36.4#

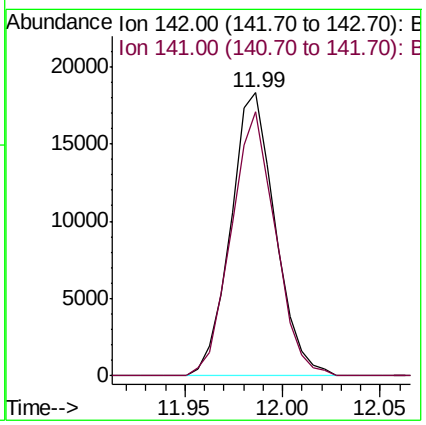


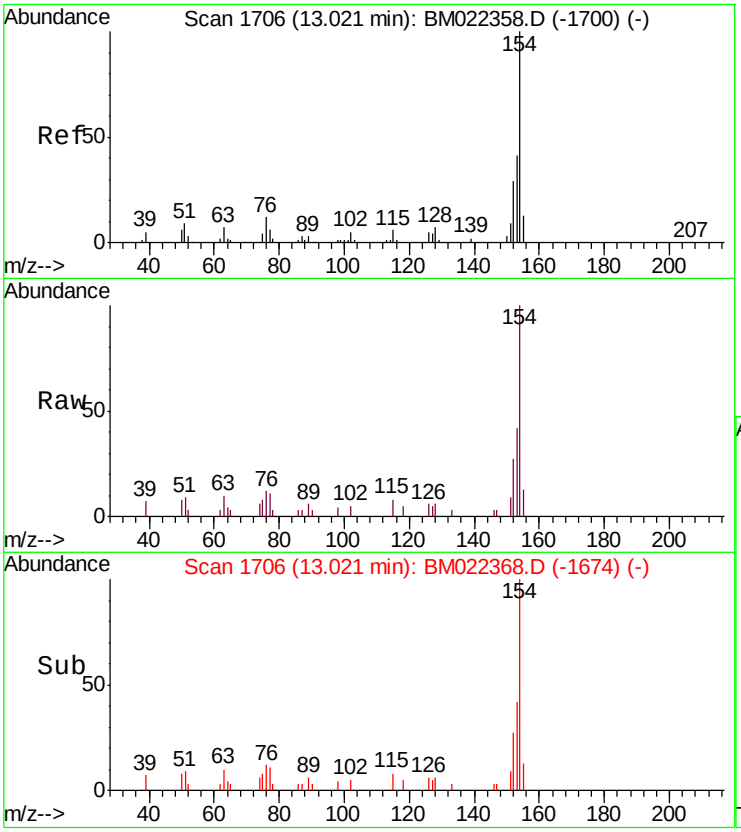


#34
2-Methylnaphthalene
Concen: 5.340 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion:142 Resp: 29058

Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.1	112.7



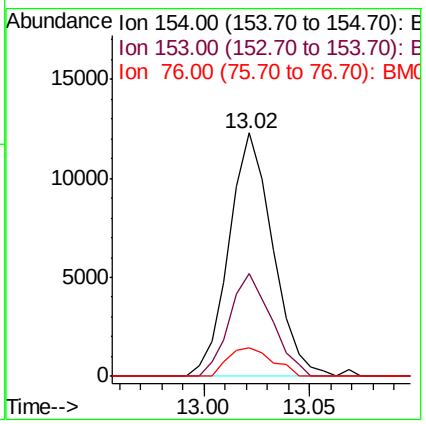


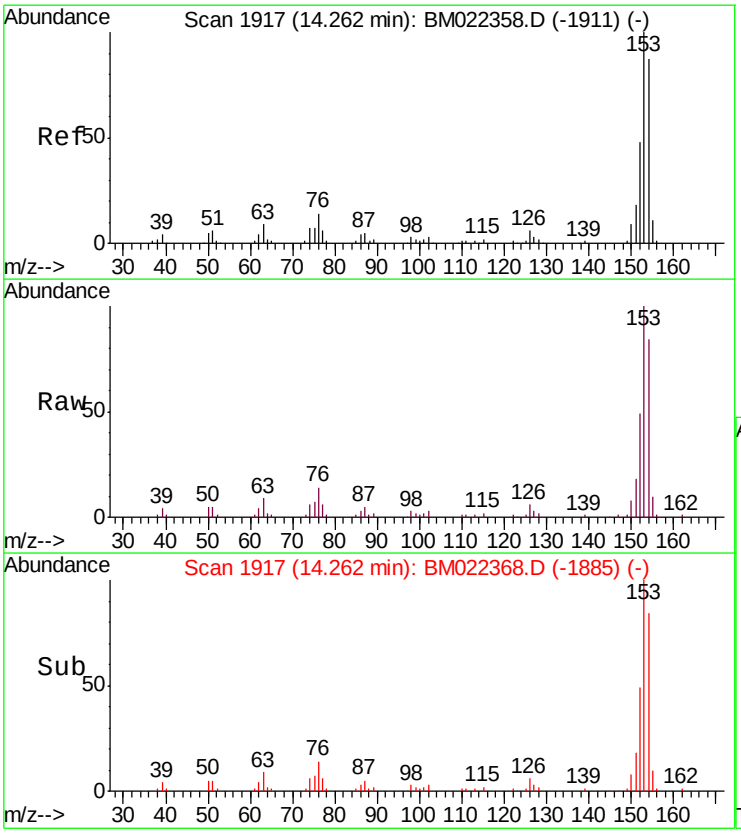
#40
1,1'-Biphenyl
Concen: 2.360 ng/ul
RT: 13.02 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tgt Ion:154 Resp: 17675

Ion	Ratio	Lower	Upper
154	100		
153	42.5	32.5	48.7
76	11.9	9.2	13.8

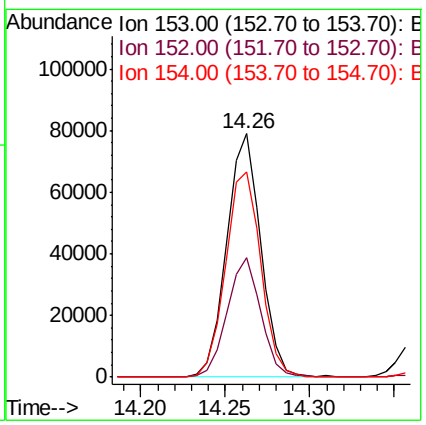


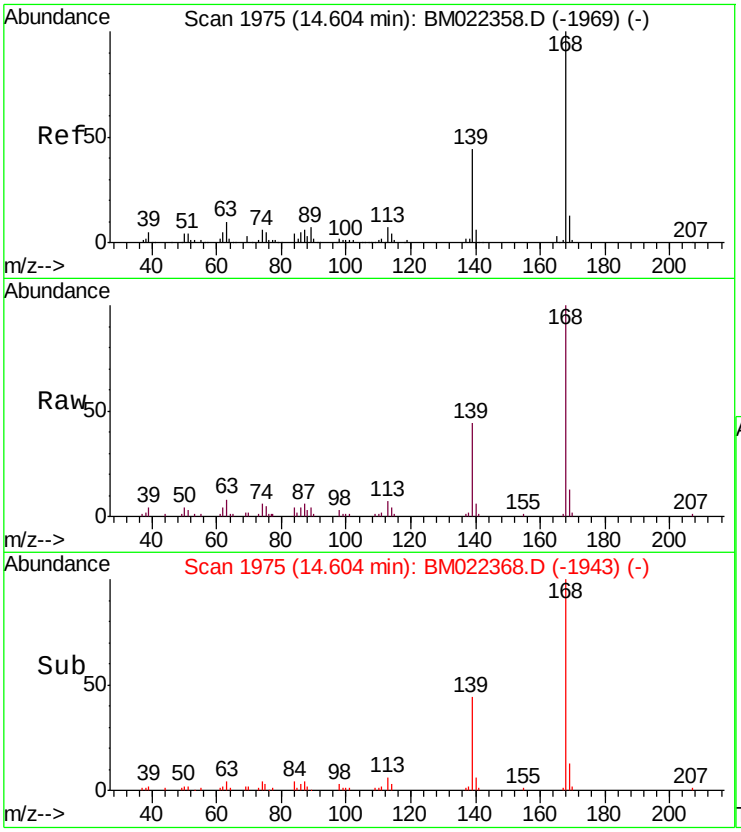


#49
Acenaphthene
Concen: 17.257 ng/ul
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion:153 Resp: 110892

Ion	Ratio	Lower	Upper
153	100		
152	48.9	38.6	58.0
154	84.1	68.9	103.3



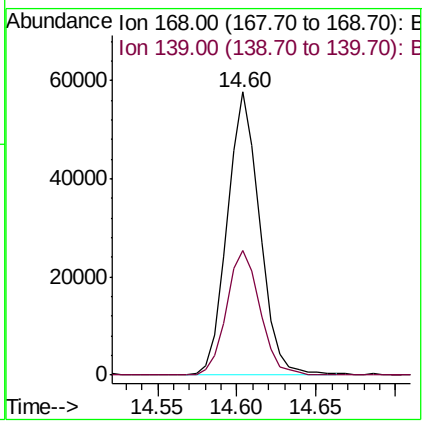


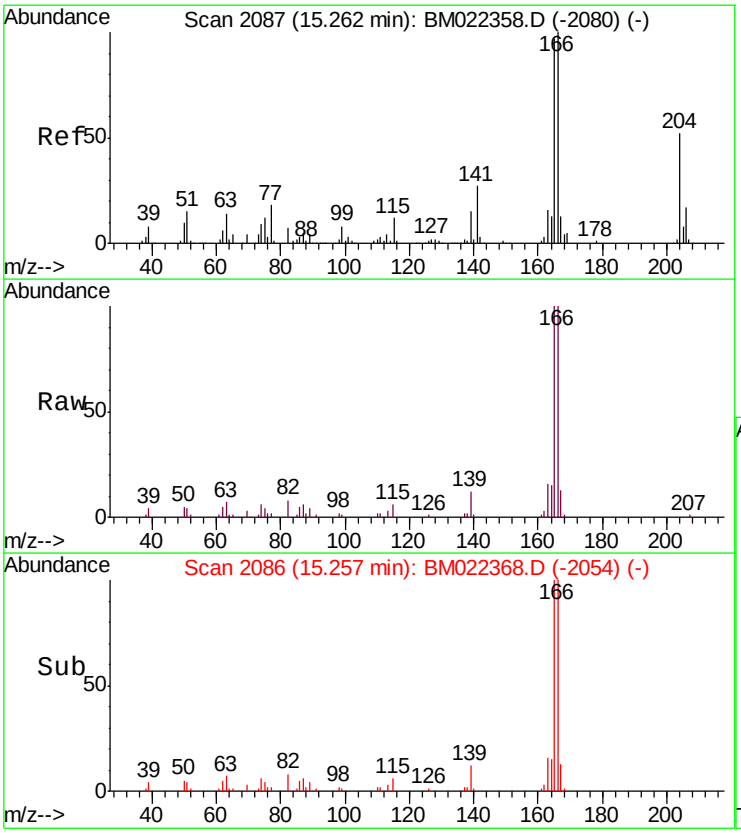
#53
Dibenzofuran
Concen: 8.551 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tgt Ion:168 Resp: 81837

Ion	Ratio	Lower	Upper
168	100		
139	44.0	36.2	54.4

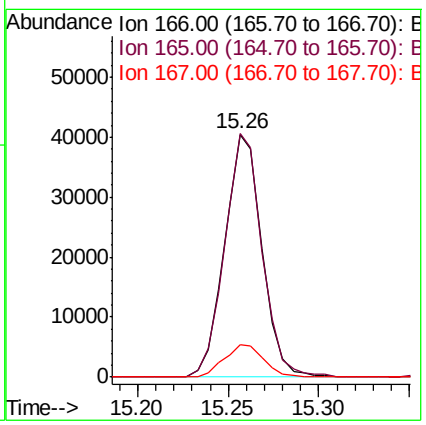


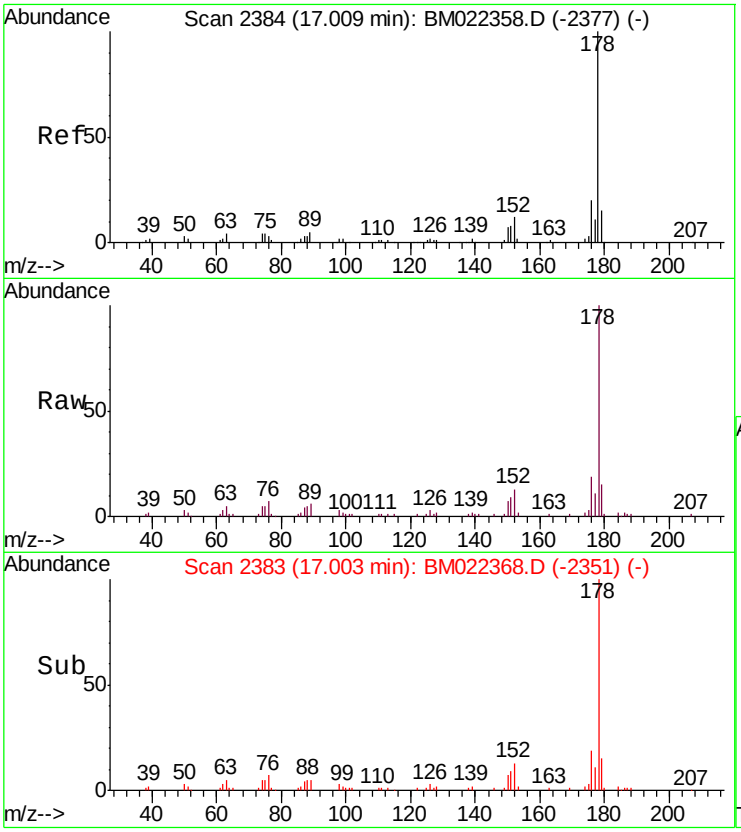


#58
Fluorene
Concen: 7.160 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion:166 Resp: 57721

Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.2	120.2
167	13.4	11.4	17.0



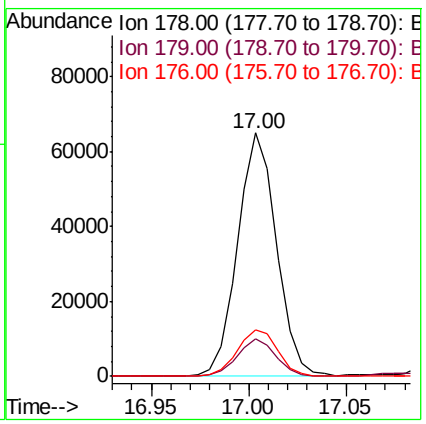


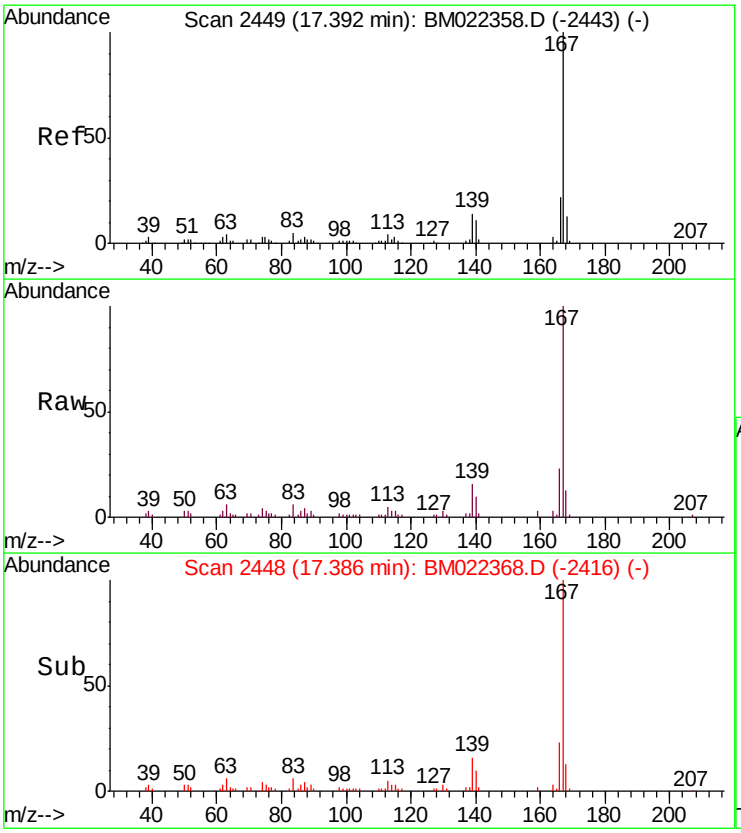
#69
Phenanthrene
Concen: 6.763 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AB2DL2

Tgt Ion:178 Resp: 89706

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.3	15.4	23.0





#74
Carbazole
Concen: 6.302 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM022368.D
Acq: 27 Aug 2019 15:19

Tgt Ion:167 Resp: 78577

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.8
139	15.5	11.8	17.8