Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022332.D
Acq On : 26 Aug 2019 15:55
Operator : HP/JU
Sample : K4373-19DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 27 11:00:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	116596	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	87787	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	216021	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	200480	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	181799	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	1218	0.94	ng/ul	0.01
9) 2-Chlorophenol-d4	7.09	132	1545	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1092	0.57	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	804	0.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	913	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2666	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	148	0.06	ng/ul	-0.02
43) Dimethylphthalate-d6	13.63	166	11612	1.50	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	12280	1.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	1046	0.91	ng/ul	-0.05
57) Fluorene-d10	15.20	176	11730	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	841	0.50	ng/ul	0.01
70) Anthracene-d10	17.07	188	19044	1.66	ng/ul	0.00
78) Pyrene-d10	19.37	212	22024	2.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	16395	1.64	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.01	108	7840	4.190	ng/ul	98
16) 4-Methylphenol	8.35	108	2357	1.146	ng/ul	92
24) 2,4-Dimethylphenol	9.52	107	26685	10.238	ng/ul	97
28) Naphthalene	10.37	128	1330337	206.751	ng/ul	99
30) 4-Chloroaniline	10.37	127	177330	68.006	ng/ul#	10
34) 2-Methylnaphthalene	11.99	142	56479	11.392	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	35548	4.976	ng/ul	95
49) Acenaphthene	14.27	153	220252	35.928	ng/ul	99
53) Dibenzofuran	14.61	168	164261	17.990	ng/ul	99
58) Fluorene	15.26	166	115329	14.996	ng/ul	99
60) 4-Nitroaniline	15.26	138	1466	1.099	ng/ul#	1
69) Phenanthrene	17.01	178	183417	14.193	ng/ul	99
71) Anthracene	17.10	178	14616	1.087	ng/ul	96
74) Carbazole	17.39	167	169110	13.922	ng/ul	99
76) Fluoranthene	19.04	202	24605	1.263	ng/ul#	96
79) Pyrene	19.40	202	15274	1.177	ng/ul	97

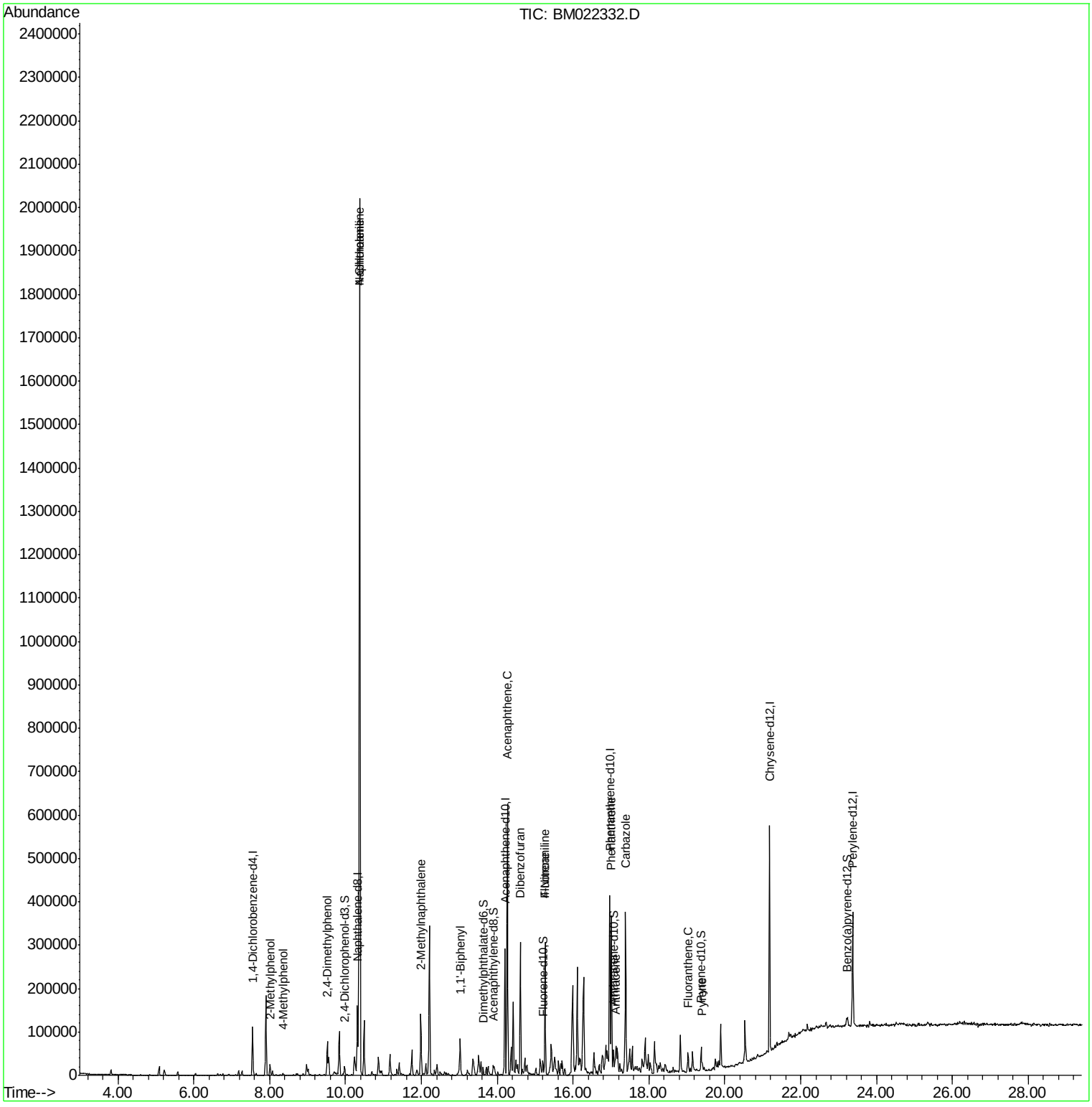
(#) = qualifier out of range (m) = manual integration (+) = signals summed

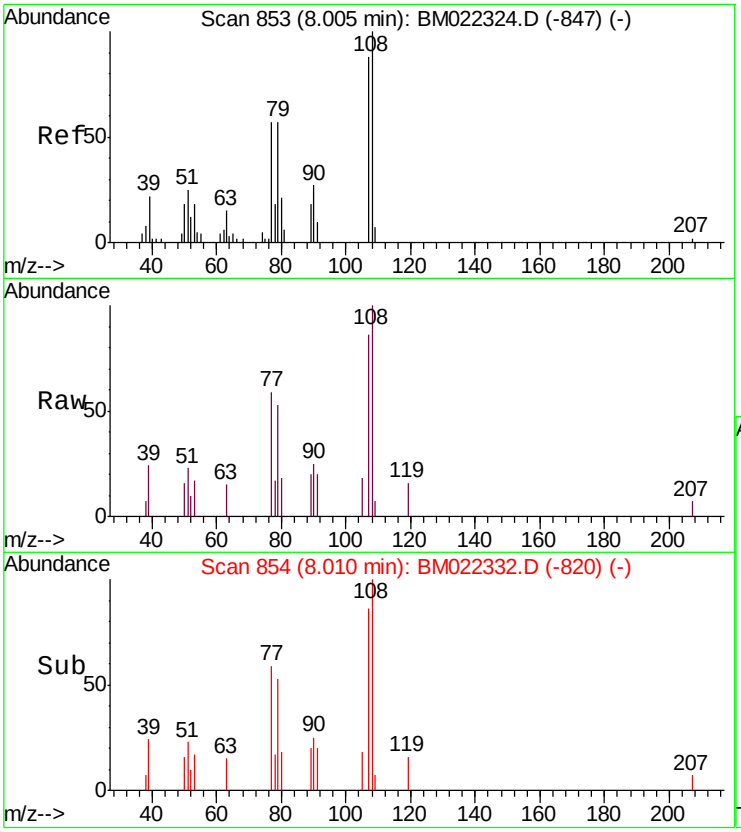
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022332.D
Acq On : 26 Aug 2019 15:55
Operator : HP/JU
Sample : K4373-19DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 27 11:00:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration



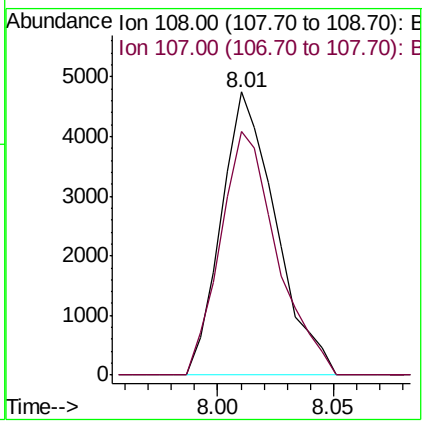


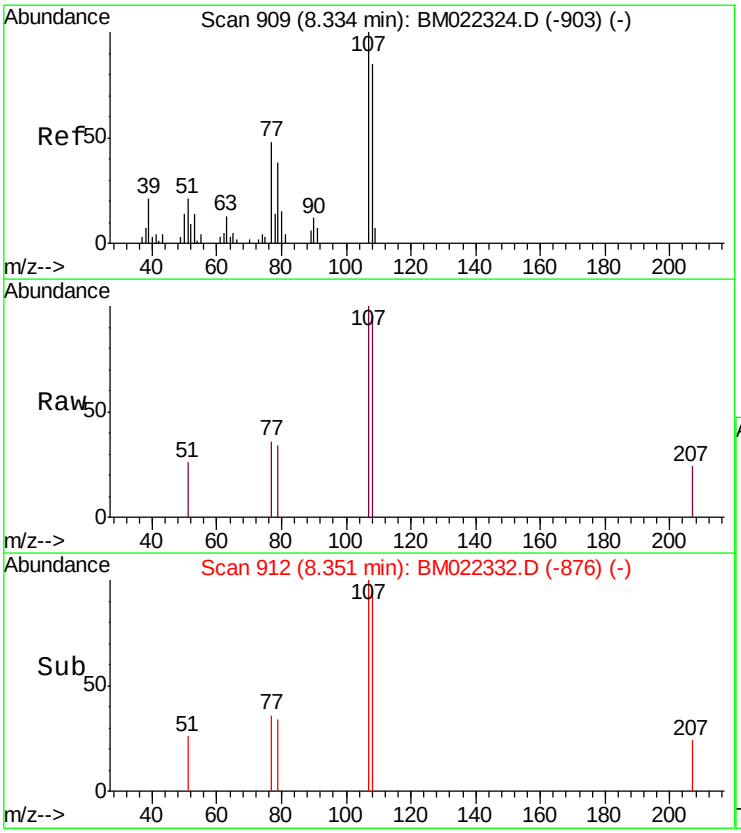
#11
2-Methylphenol
Concen: 4.190 ng/ul
RT: 8.01 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 7840

Ion	Ratio	Lower	Upper
108	100		
107	86.0	70.1	105.1

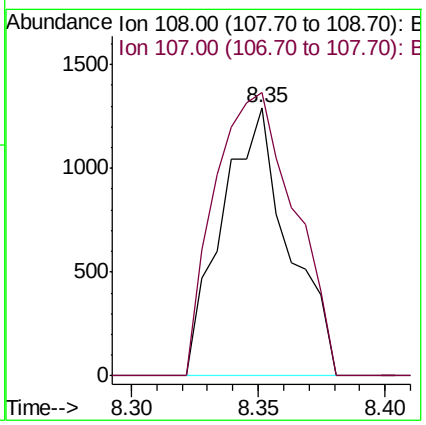


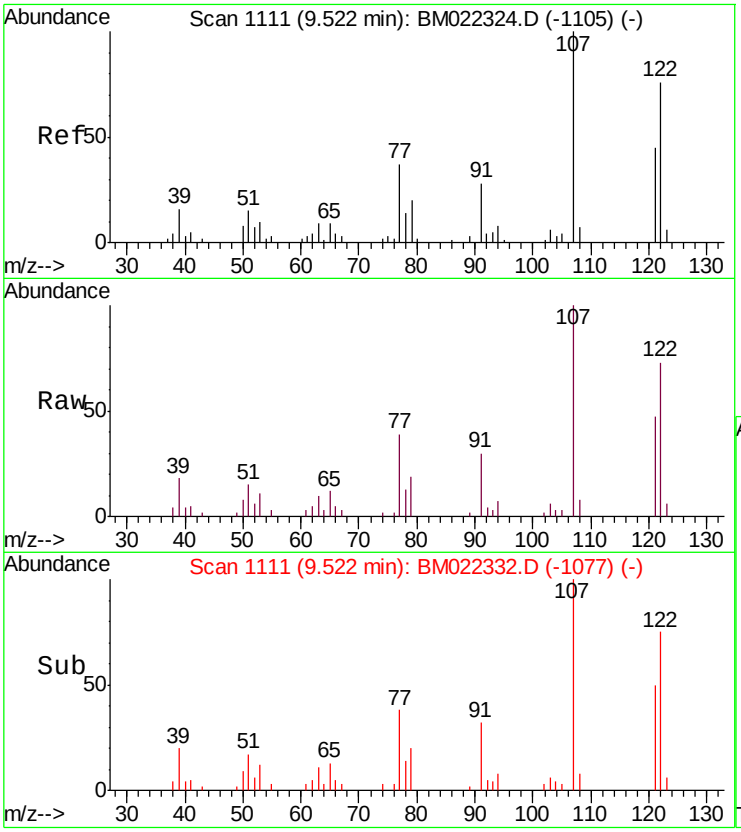


#16
4-Methylphenol
Concen: 1.146 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:108 Resp: 2357

Ion	Ratio	Lower	Upper
108	100		
107	105.4	90.8	136.2



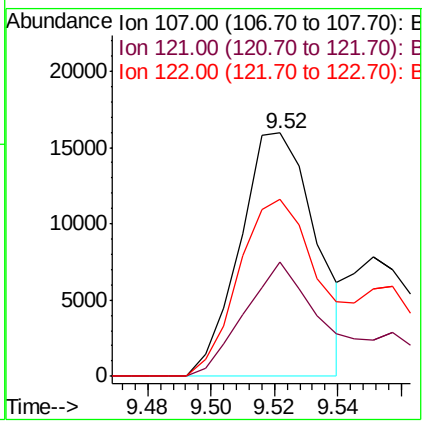


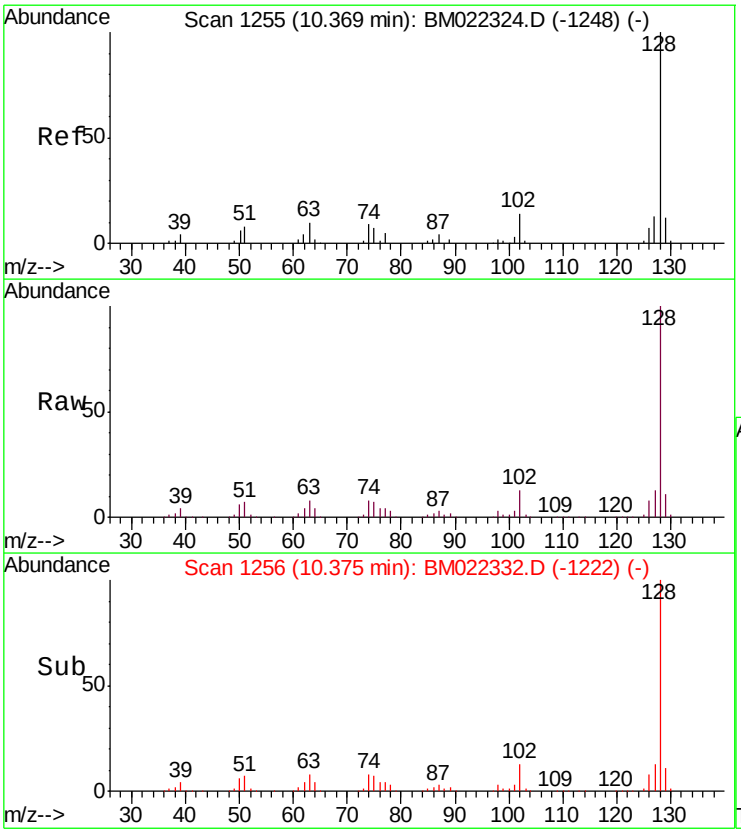
#24
2,4-Dimethylphenol
Concen: 10.238 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 26685

Ion	Ratio	Lower	Upper
107	100		
121	46.9	33.6	50.4
122	72.9	58.0	87.0

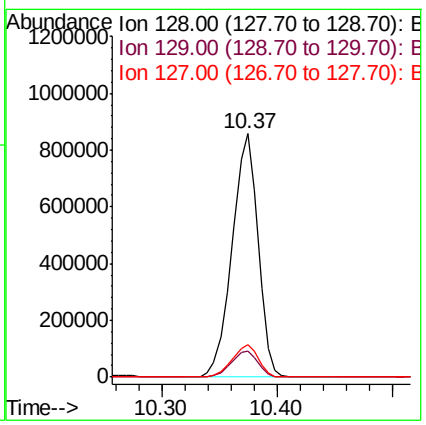


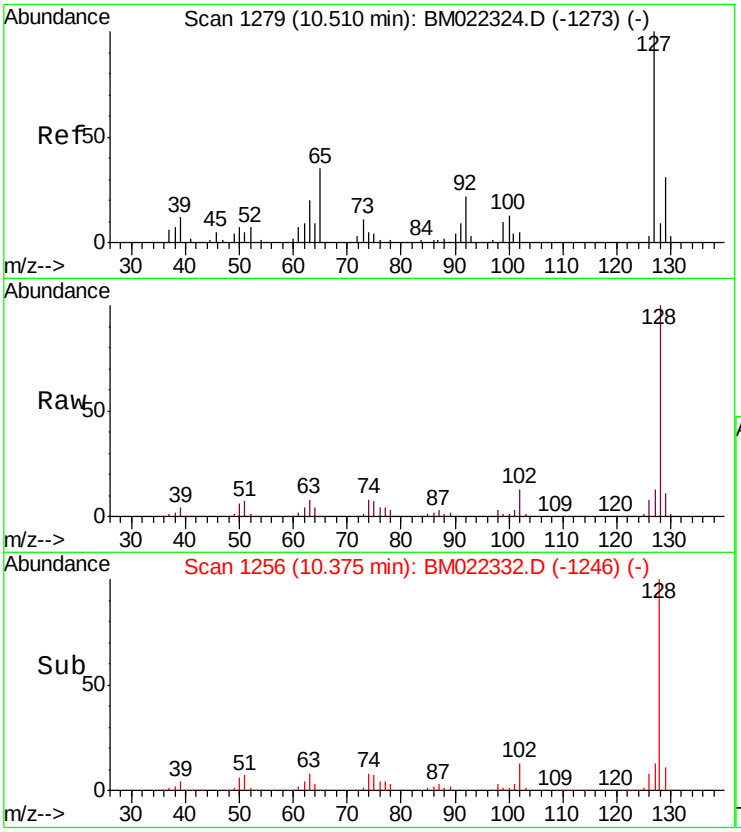


#28
Naphthalene
Concen: 206.751 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:128 Resp: 1330337

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.4	10.4	15.6



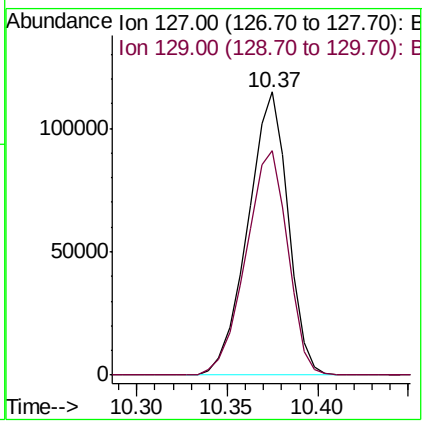


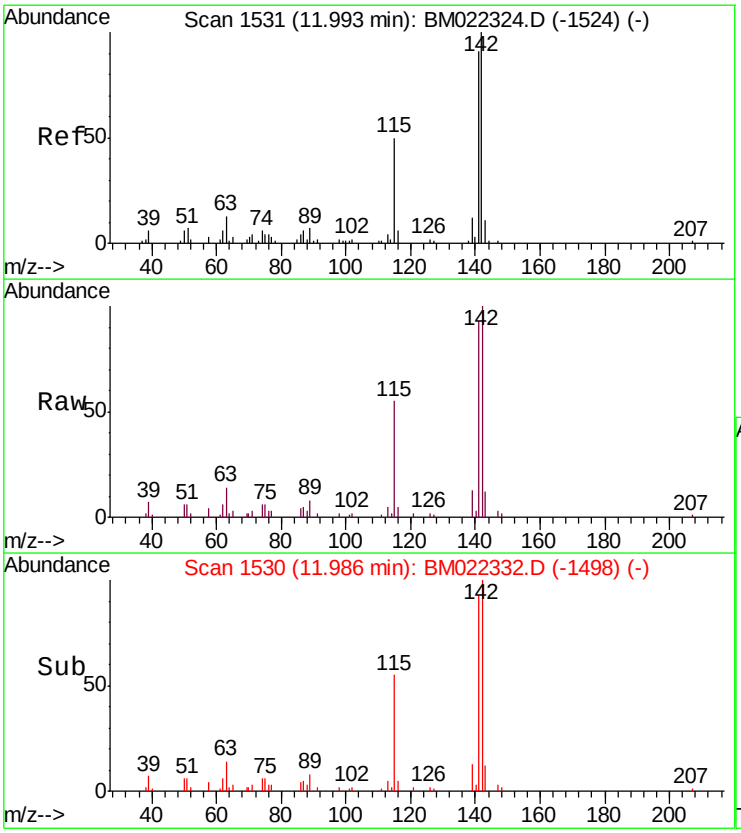
#30
4-Chloroaniline
Concen: 68.006 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. -0.14 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 177330

Ion	Ratio	Lower	Upper
127	100		
129	79.5	24.2	36.4#

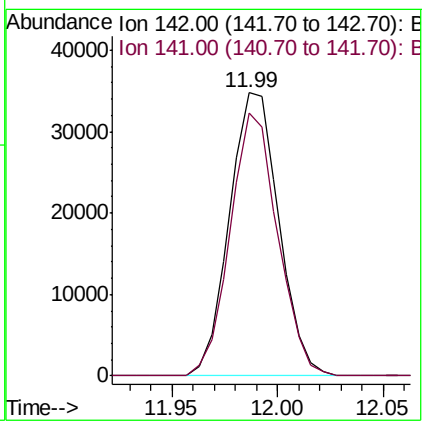


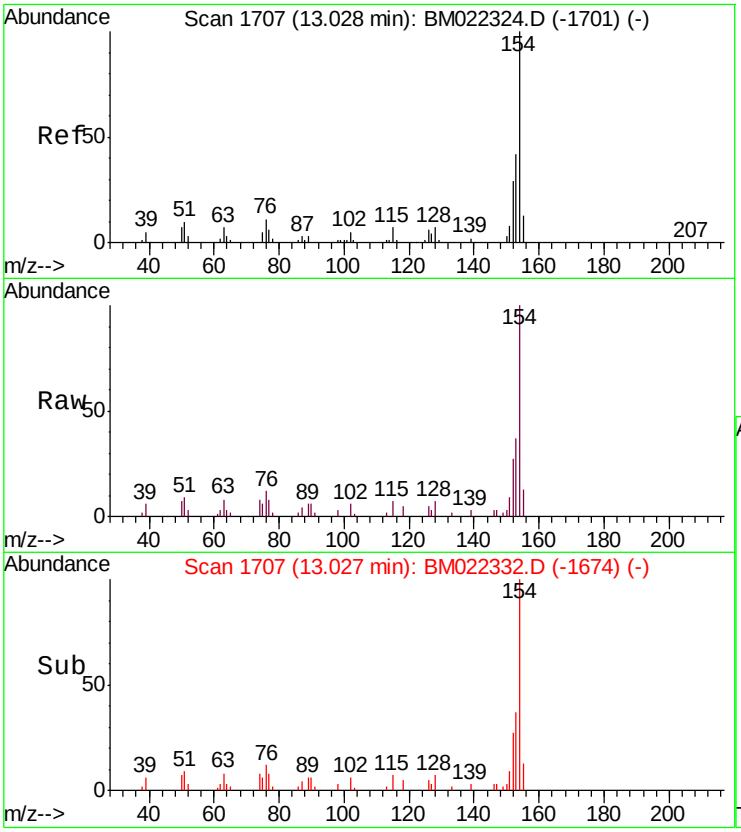


#34
2-Methylnaphthalene
Concen: 11.392 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:142 Resp: 56479

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.1	112.7



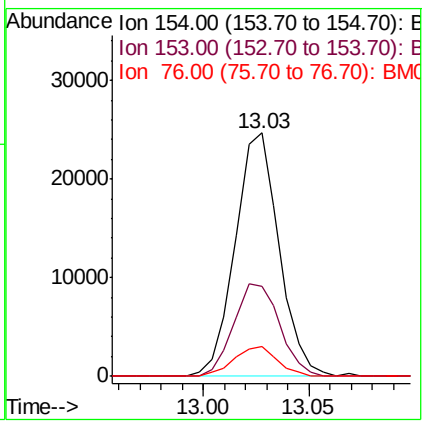


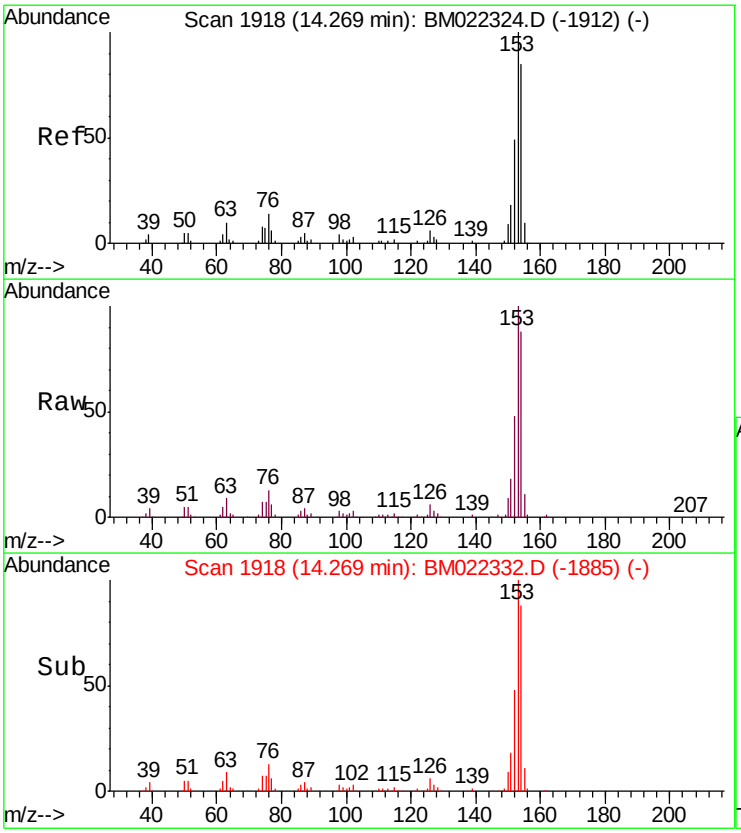
#40
1,1'-Biphenyl
Concen: 4.976 ng/ul
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 35548

Ion	Ratio	Lower	Upper
154	100		
153	37.1	32.5	48.7
76	12.5	9.2	13.8

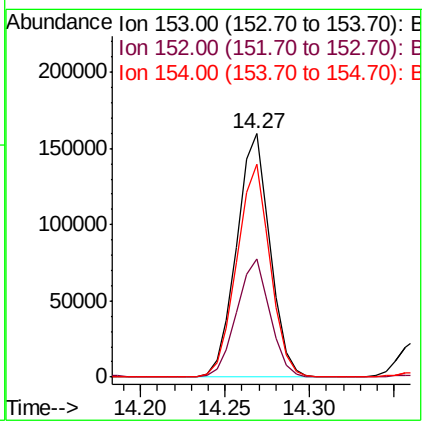


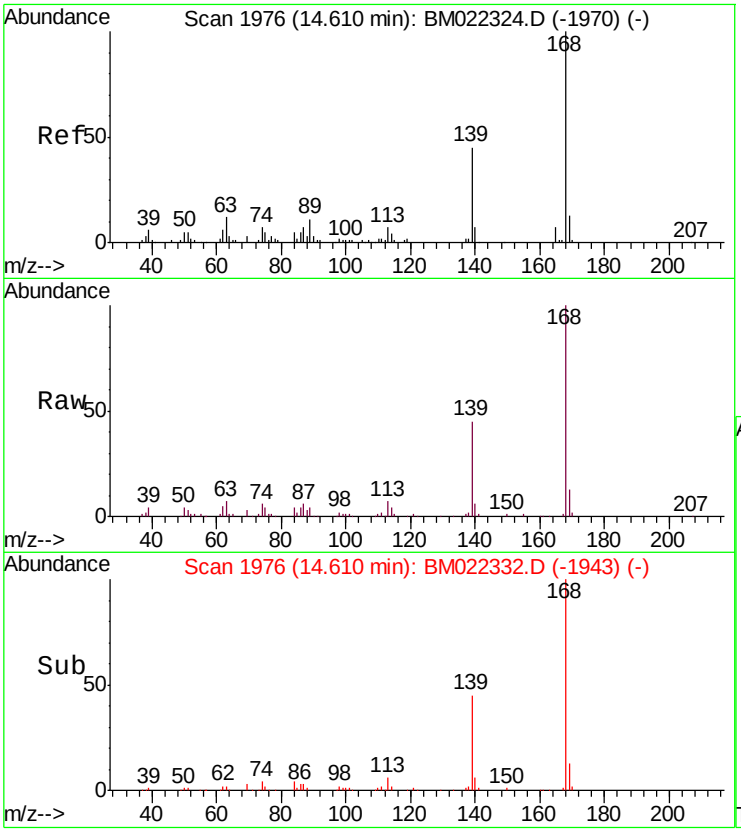


#49
Acenaphthene
Concen: 35.928 ng/ul
RT: 14.27 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:153 Resp: 220252

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.6	58.0
154	87.5	68.9	103.3



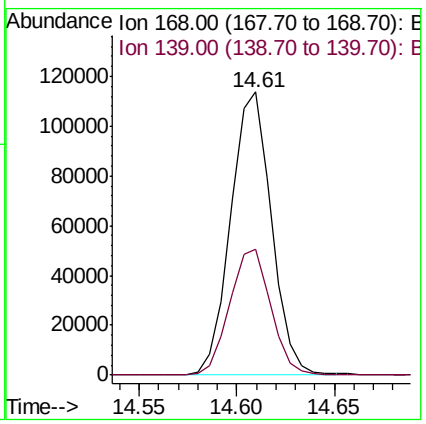


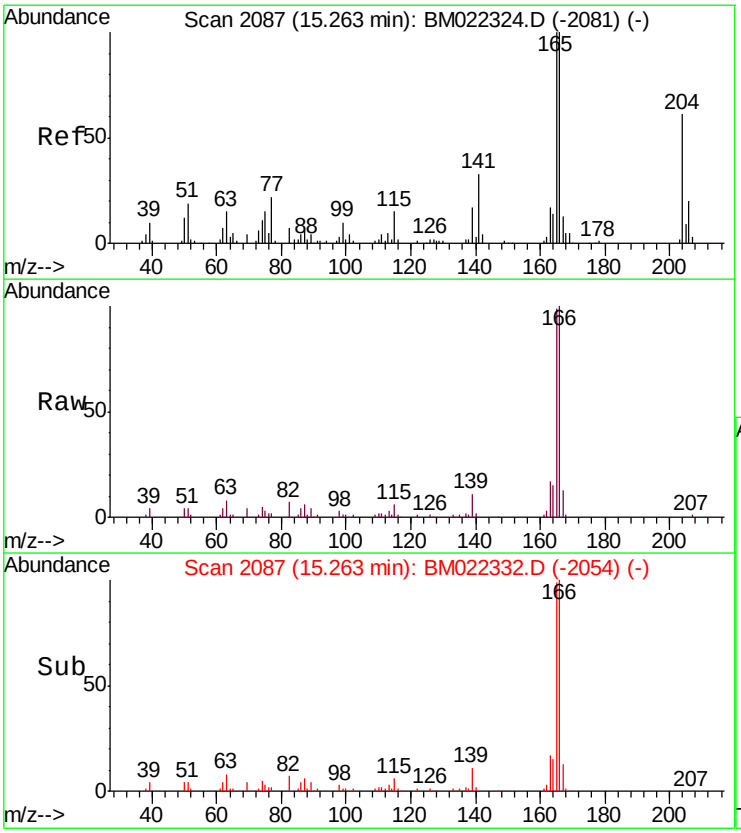
#53
Dibenzofuran
Concen: 17.990 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 164261

Ion	Ratio	Lower	Upper
168	100		
139	44.5	36.2	54.4

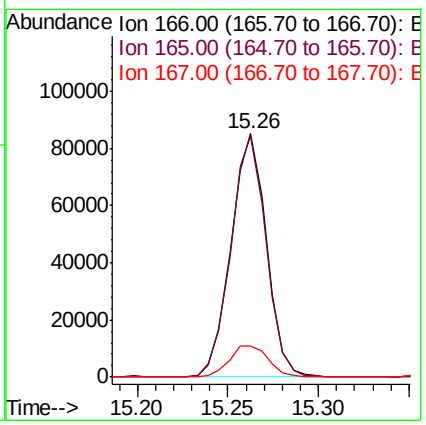


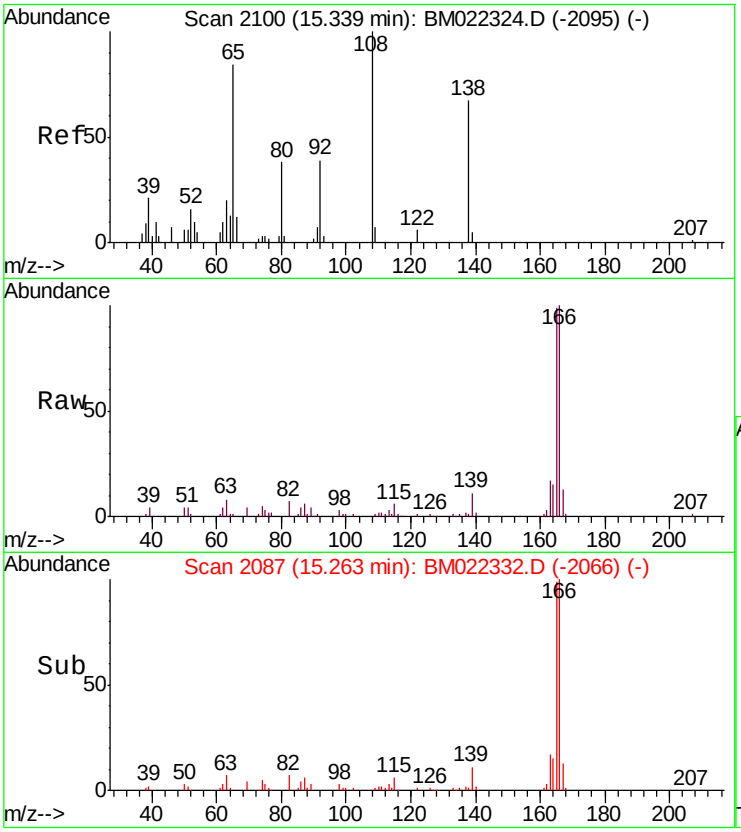


#58
Fluorene
Concen: 14.996 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:166 Resp: 115329

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.2	120.2
167	12.9	11.4	17.0



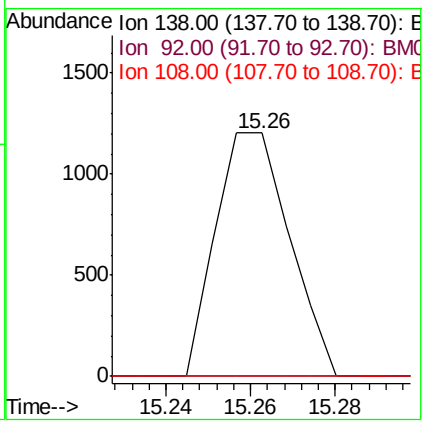


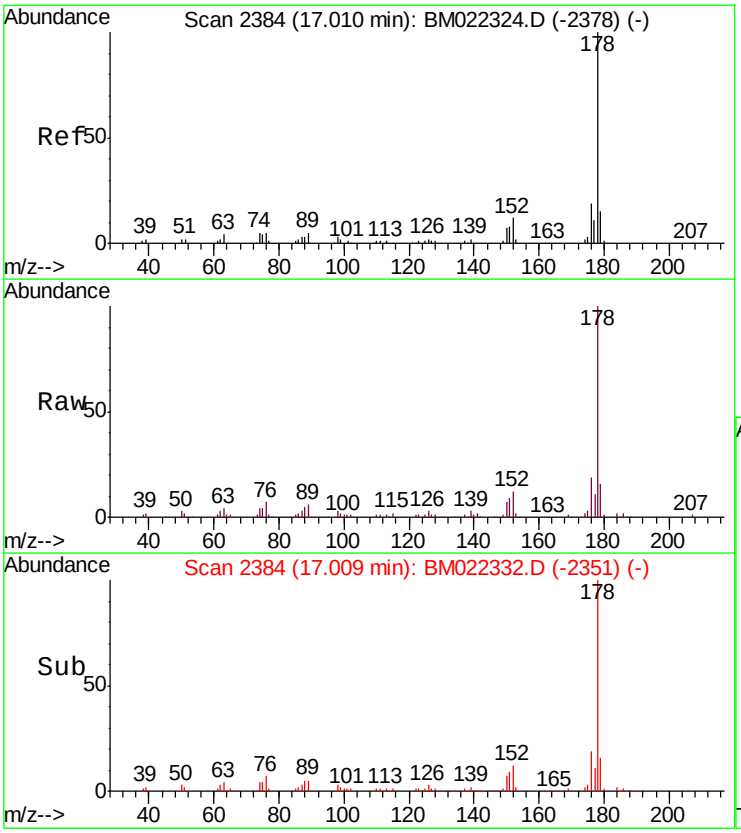
#60
4-Nitroaniline
Concen: 1.099 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.08 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 1466

Ion	Ratio	Lower	Upper
138	100		
92	0.0	47.8	71.6#
108	0.0	114.9	172.3#

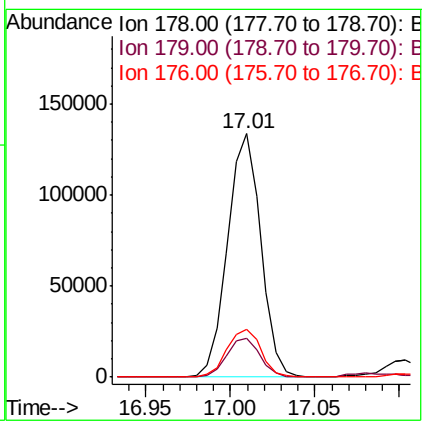


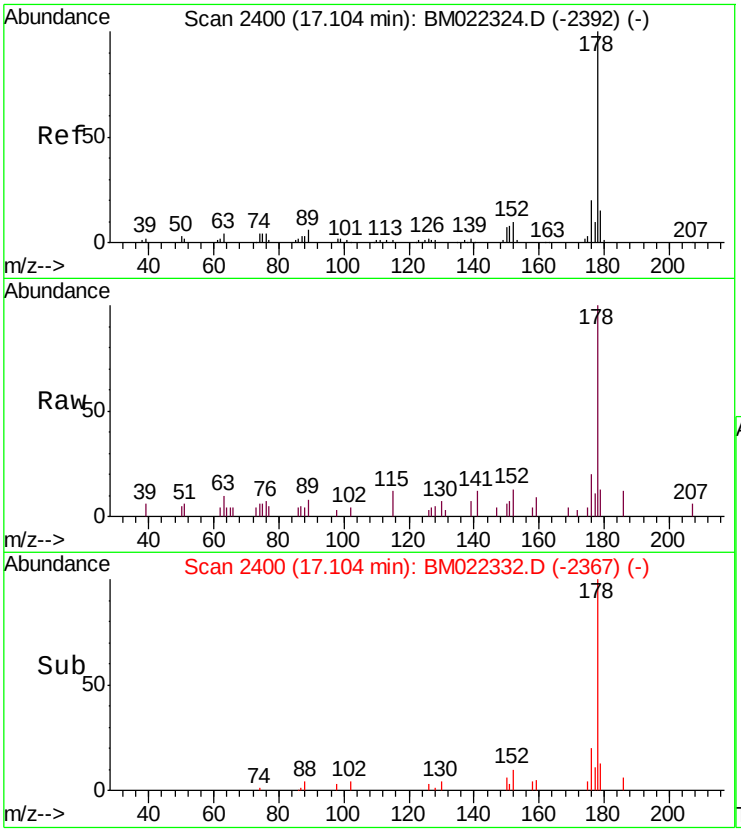


#69
Phenanthrene
Concen: 14.193 ng/ul
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:178 Resp: 183417

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.5	15.4	23.0



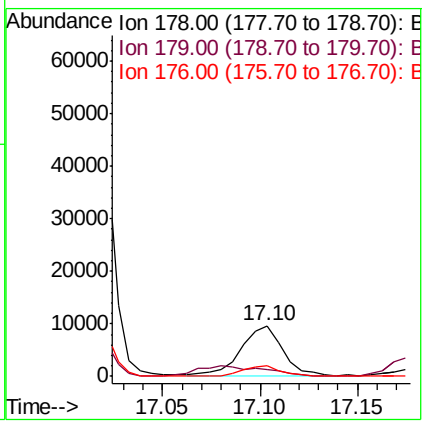


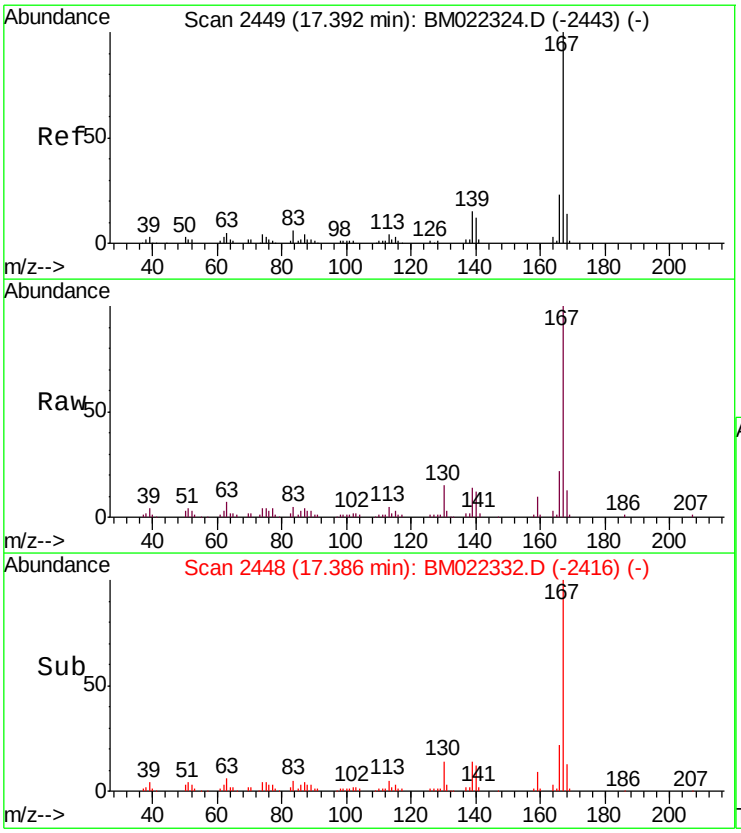
#71
Anthracene
Concen: 1.087 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 14616

Ion	Ratio	Lower	Upper
178	100		
179	12.8	12.3	18.5
176	20.3	15.5	23.3

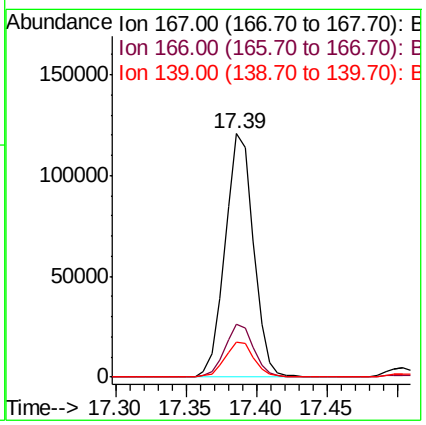


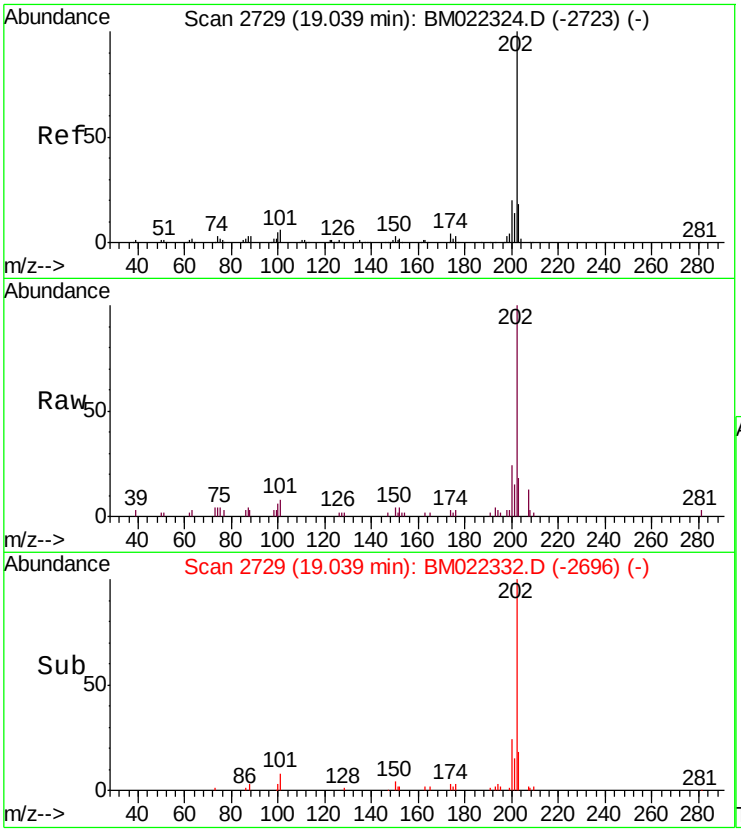


#74
Carbazole
Concen: 13.922 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:167 Resp: 169110

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	14.4	11.8	17.8



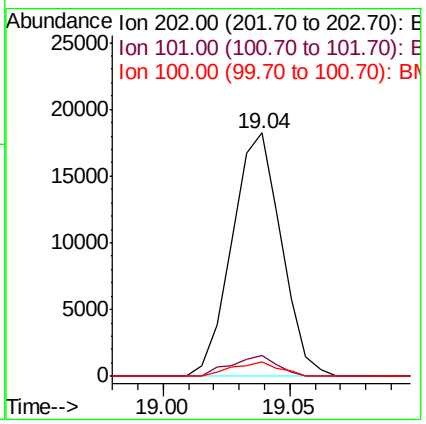


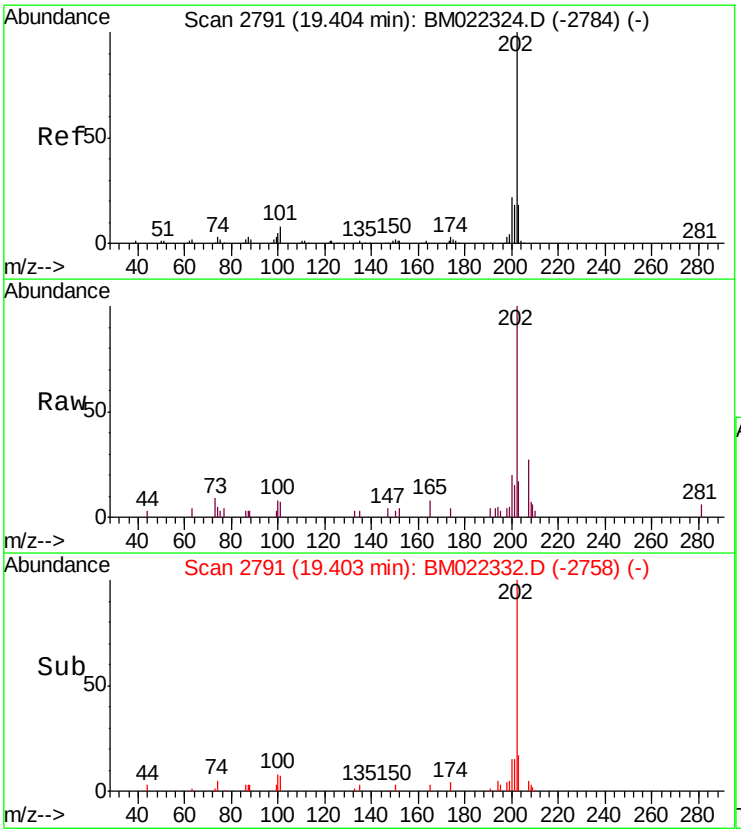
#76
Fluoranthene
Concen: 1.263 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 24605

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.3	7.9#
100	6.2	4.6	6.8





#79
Pyrene
Concen: 1.177 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM022332.D
Acq: 26 Aug 2019 15:55

Tgt Ion:202 Resp: 15274

Ion	Ratio	Lower	Upper
202	100		
101	7.2	7.0	10.4
100	7.8	5.8	8.8