Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021530.D
Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Time: Jul 19 01:57:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	187471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	749725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	426302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	926101	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	881835	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	1012037	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	5973	1.57	ng/uL	0.00
5) Phenol-d5	6.89	99	124998	8.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	244575	28.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	309680	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	217960	18.77	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	184285	29.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	210014	30.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	385871	27.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	35107	2.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1189946	31.87	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1380913	29.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	33654	5.69	ng/ul	0.01
57) Fluorene-d10	15.36	176	1006216	30.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	140424	22.56	ng/ul	0.00
70) Anthracene-d10	17.21	188	1524139	31.68	ng/ul	0.00
78) Pyrene-d10	19.51	212	1664495	34.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1884207	32.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27750	6.938	ng/uL	99
6) Phenol	6.92	94	65143	4.669	ng/ul	97
28) Naphthalene	10.55	128	1203460	30.844	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	179841	6.253	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	49437	1.386	ng/ul	98
44) Dimethylphthalate	13.82	163	110324	3.173	ng/ul	99
49) Acenaphthene	14.42	153	151901	5.126	ng/ul	100
53) Dibenzofuran	14.76	168	208736	4.862	ng/ul	99
58) Fluorene	15.42	166	167255	4.816	ng/ul	98
69) Phenanthrene	17.16	178	473960	9.076	ng/ul	99
74) Carbazole	17.53	167	51160	1.160	ng/ul	97
76) Fluoranthene	19.17	202	83707	1.350	ng/ul	96

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

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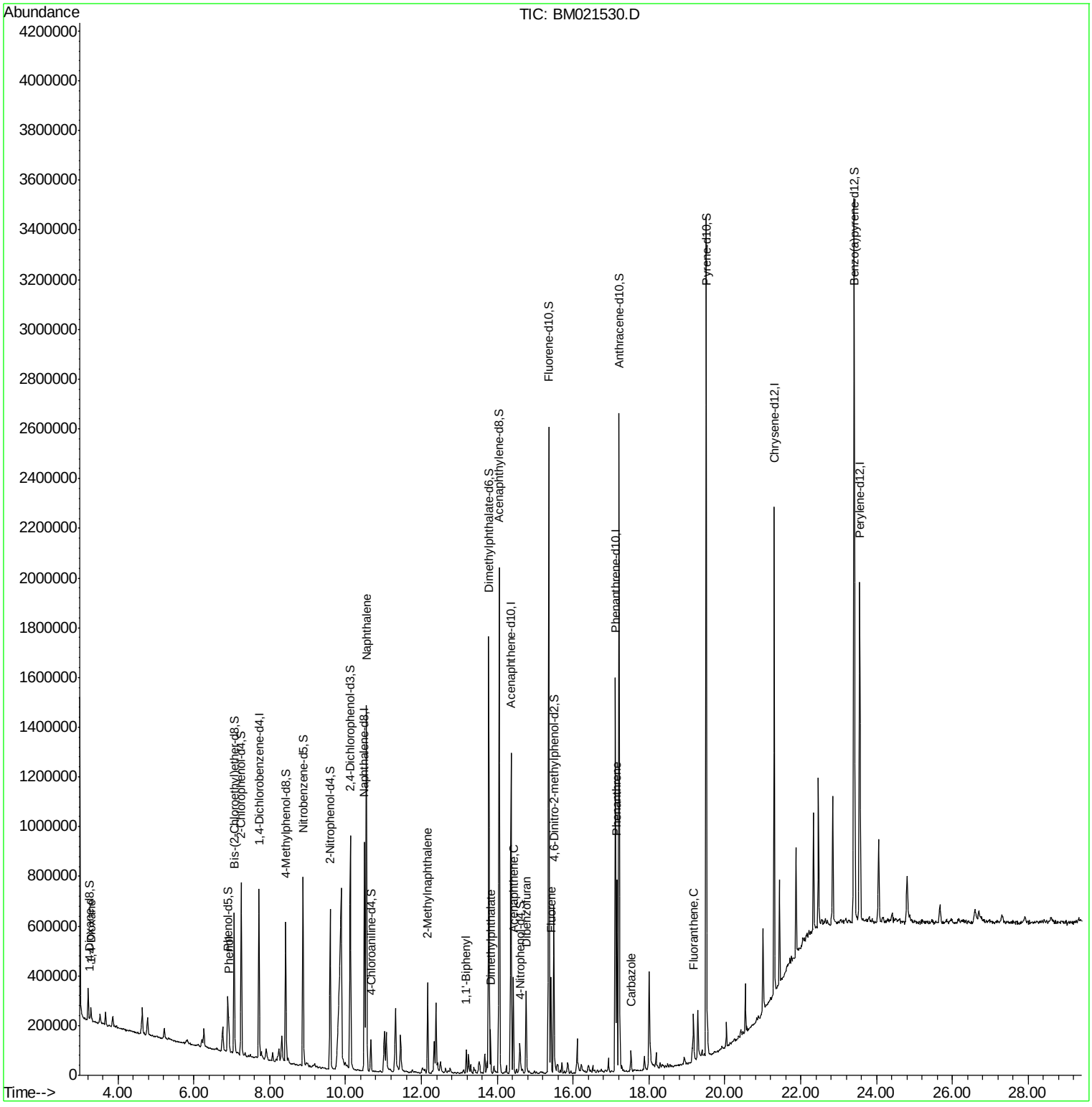
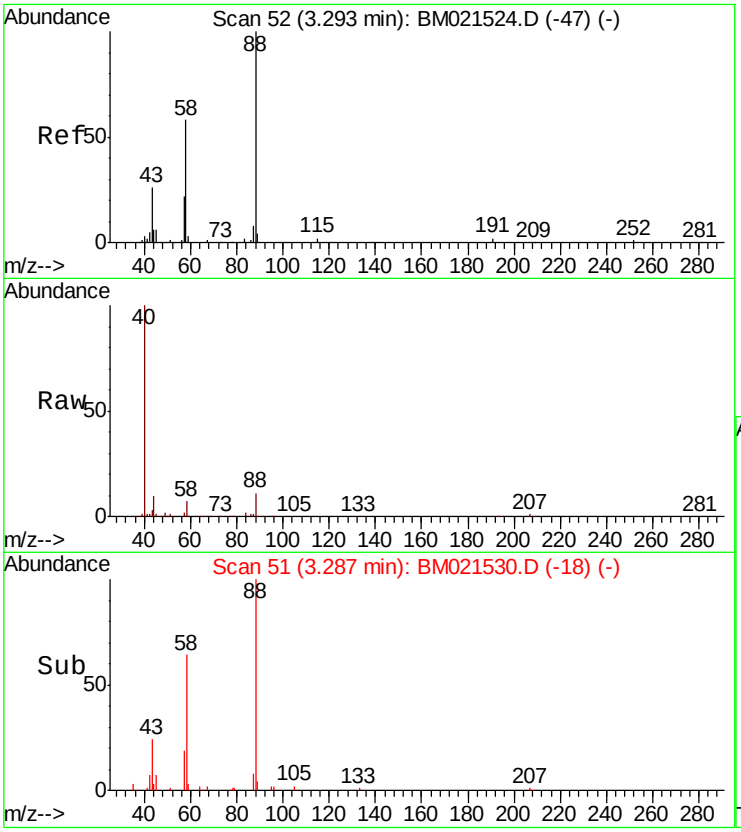


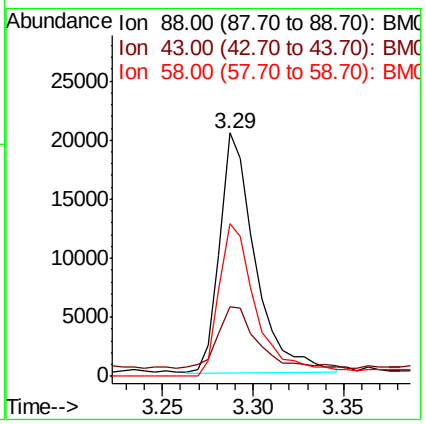


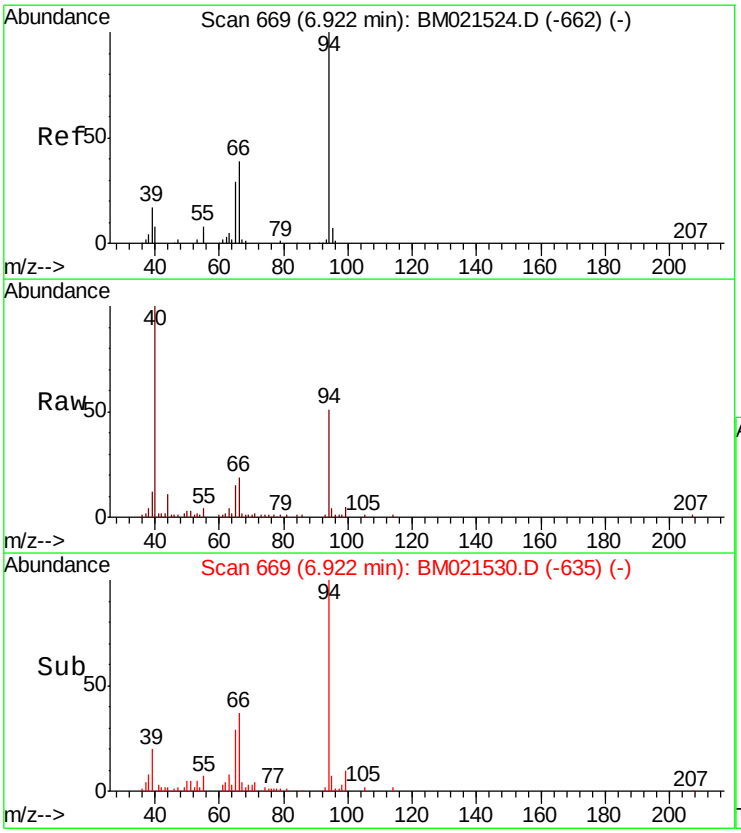
#2
1,4-Dioxane
Concen: 6.938 ng/uL
RT: 3.29 min Scan# 51
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion: 88 Resp: 27750

Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.4	35.2
58	62.5	50.6	75.8

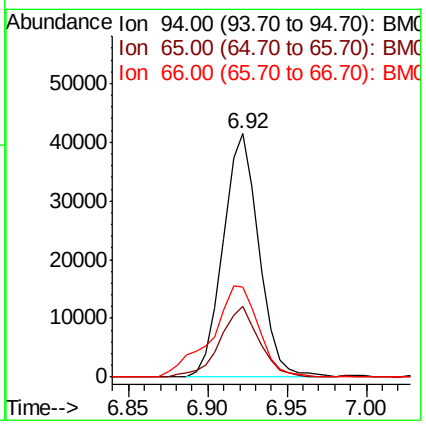


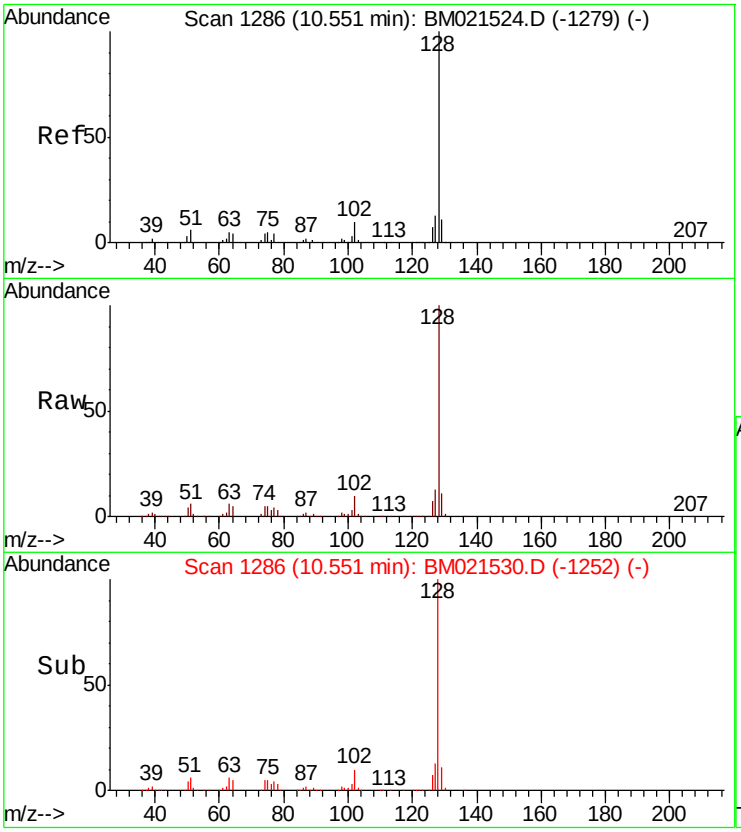


#6
Phenol
Concen: 4.669 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. 0.00 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion: 94 Resp: 65143

Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.0	34.6
66	36.7	31.6	47.4



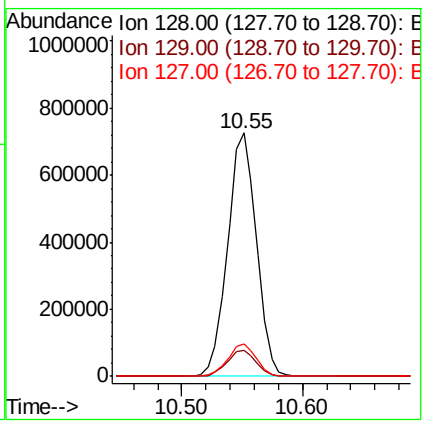


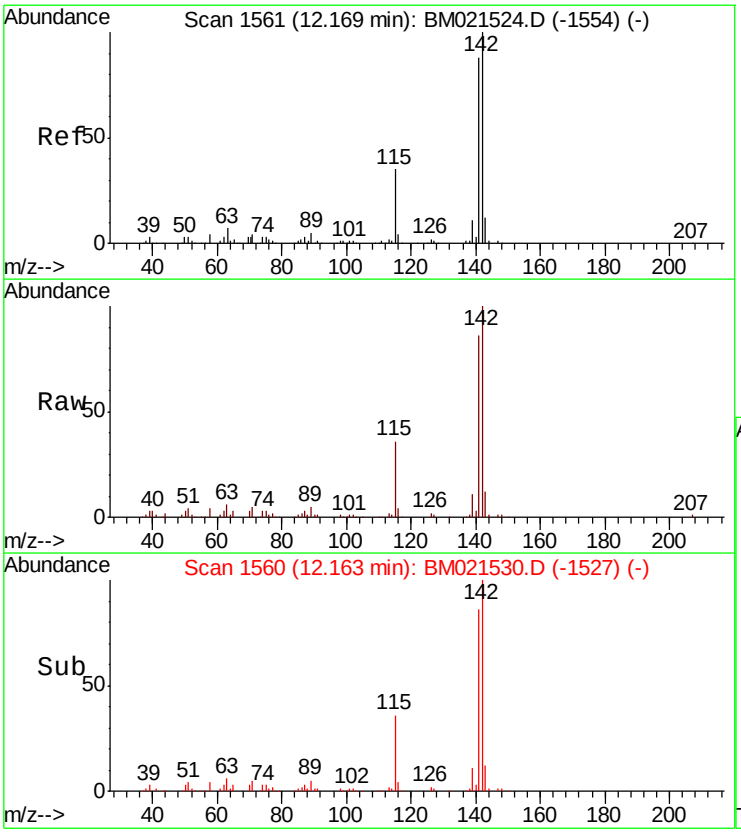
#28
Naphthalene
Concen: 30.844 ng/ul
RT: 10.55 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion:128 Resp: 1203460

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.3	10.6	16.0

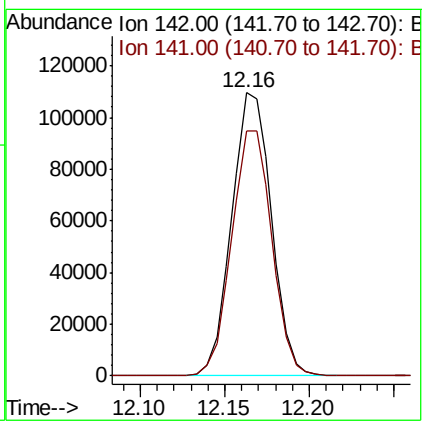


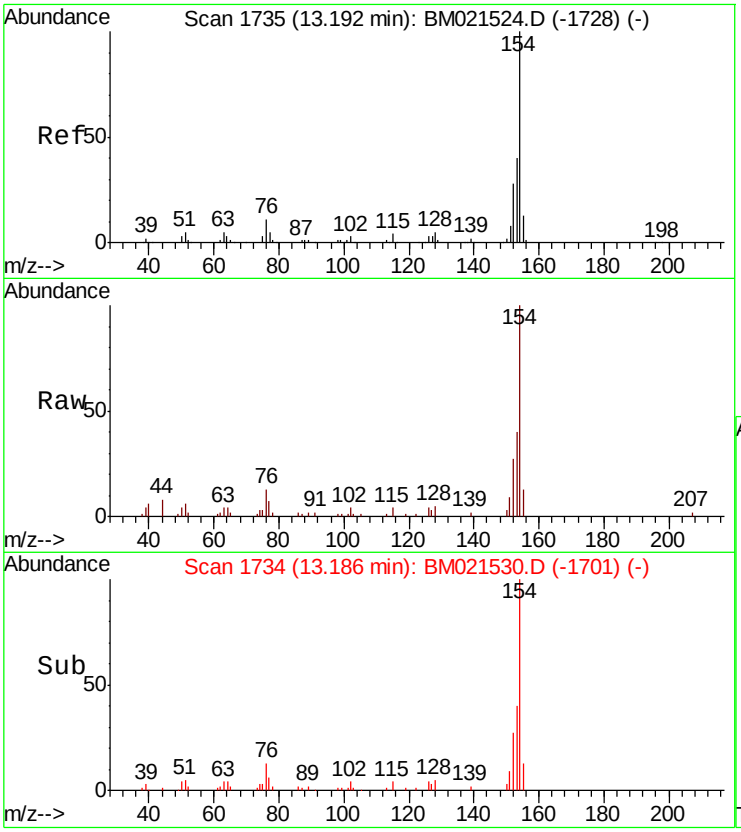


#34
2-Methylnaphthalene
Concen: 6.253 ng/ul
RT: 12.16 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion:142 Resp: 179841

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.1	106.7



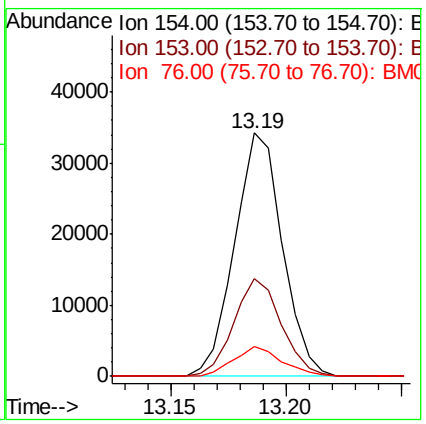


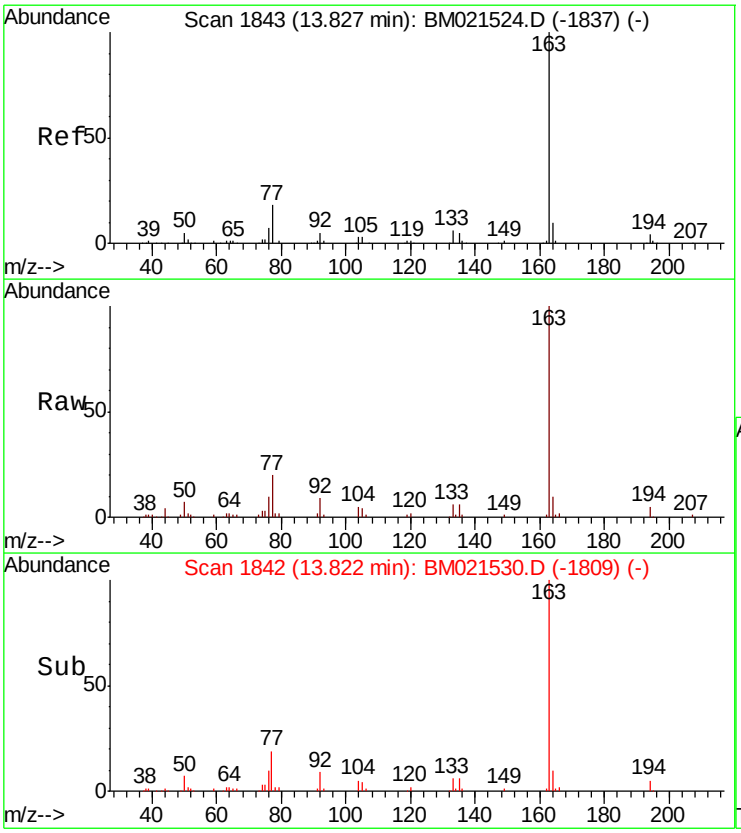
#40
1,1'-Biphenyl
Concen: 1.386 ng/ul
RT: 13.19 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion:154 Resp: 49437

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.7	49.1
76	12.5	8.5	12.7

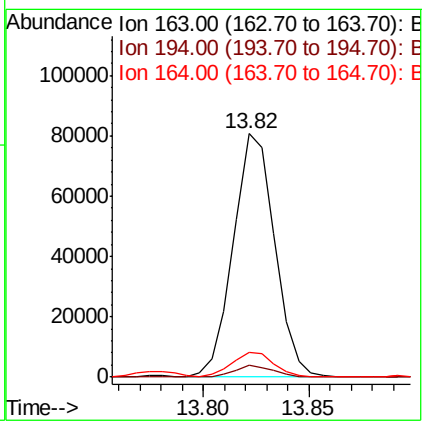


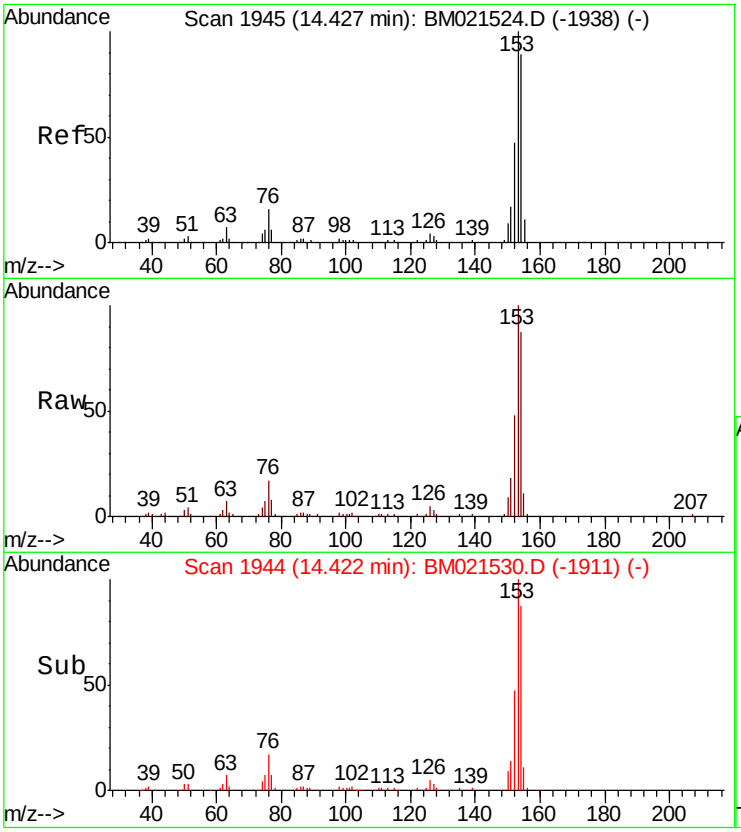


#44
Dimethylphthalate
Concen: 3.173 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion:163 Resp: 110324

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	10.4	8.3	12.5



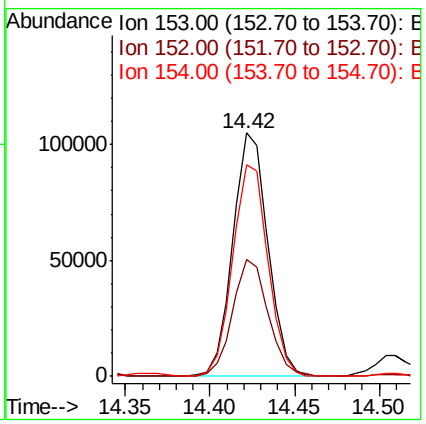


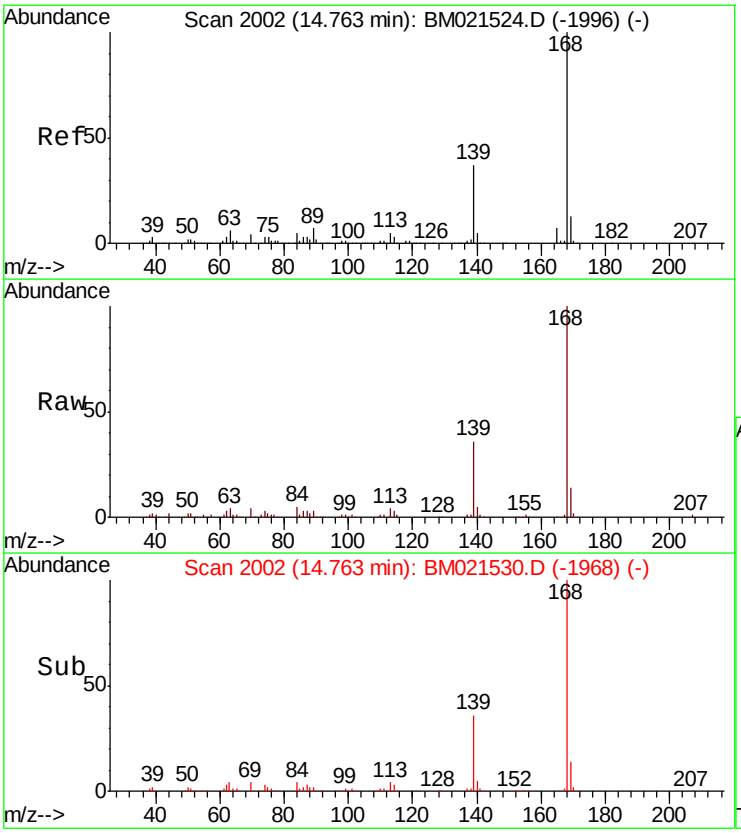
#49
Acenaphthene
Concen: 5.126 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion:153 Resp: 151901

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.2	57.4
154	87.2	70.0	105.0

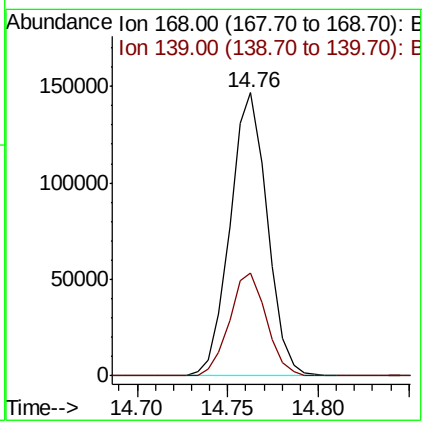


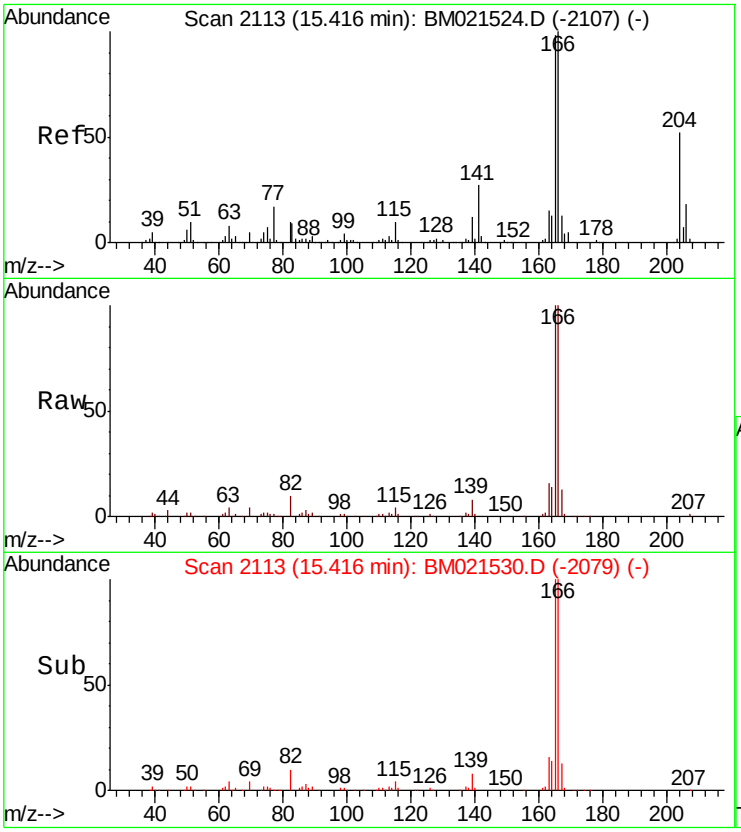


#53
Dibenzofuran
Concen: 4.862 ng/ul
RT: 14.76 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion:168 Resp: 208736

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.4	42.6



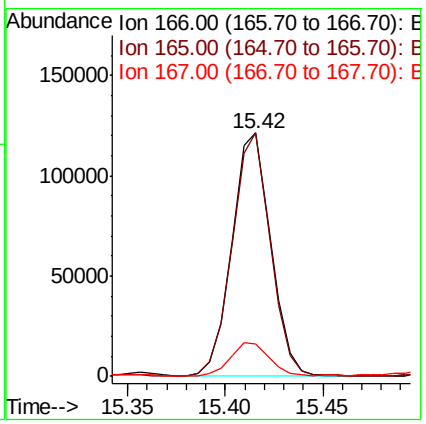


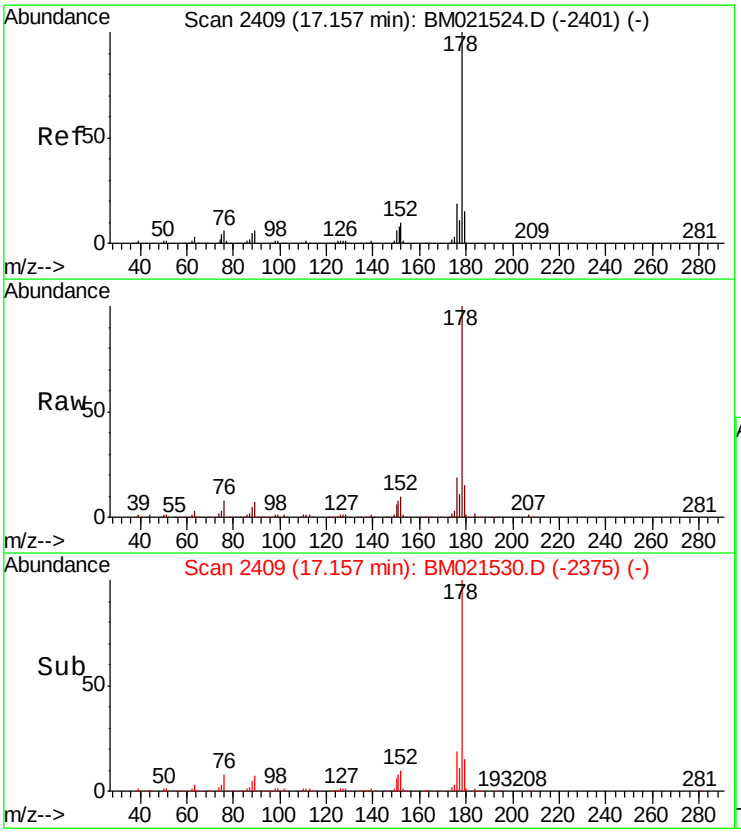
#58
Fluorene
Concen: 4.816 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion:166 Resp: 167255

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	13.2	10.7	16.1

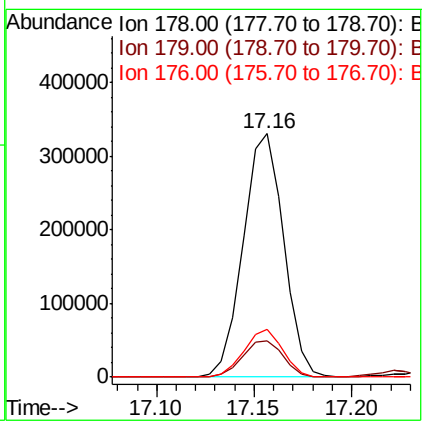


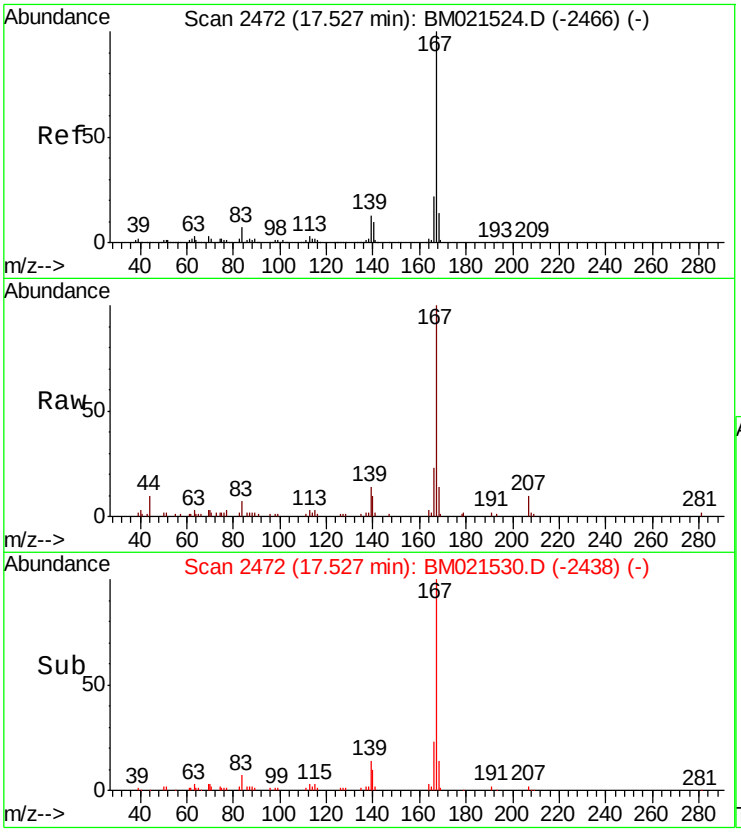


#69
Phenanthrene
Concen: 9.076 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion:178 Resp: 473960

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	19.4	15.4	23.0



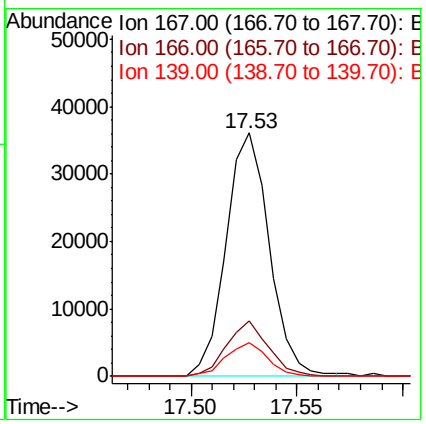


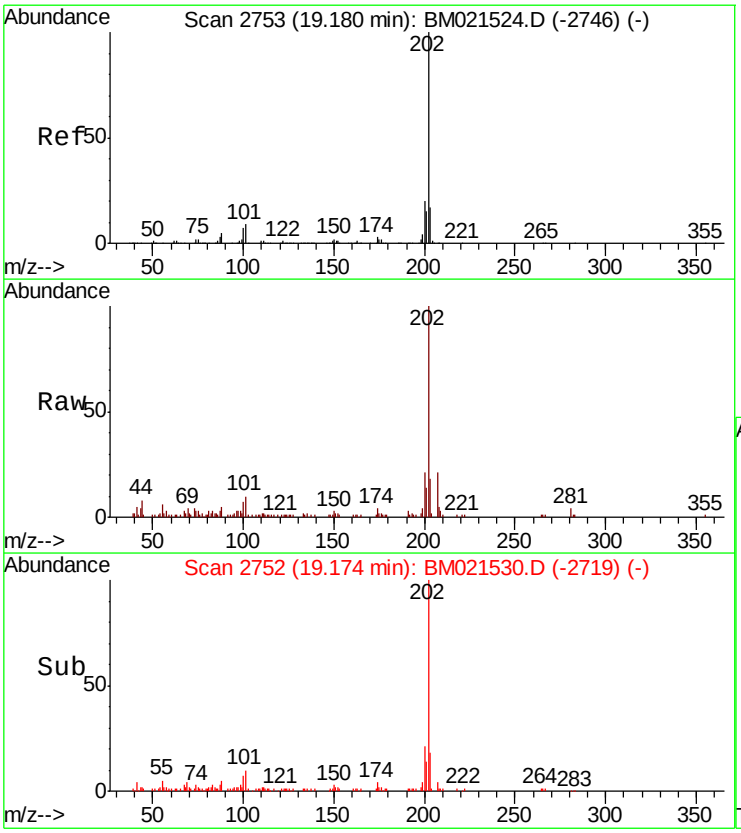
#74
Carbazole
Concen: 1.160 ng/ul
RT: 17.53 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion:167 Resp: 51160

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	13.8	9.7	14.5





#76
Fluoranthene
Concen: 1.350 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion:202 Resp: 83707

Ion	Ratio	Lower	Upper
202	100		
101	10.1	6.7	10.1
100	7.4	5.3	7.9