Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021533.D
Acq On : 18 Jul 2019 20:57
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-070219

Quant Time: Jul 19 00:44:06 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	138743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	557242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	340868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	783232	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	795085	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	923038	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18466	6.56	ng/uL	0.00
5) Phenol-d5	6.89	99	96622	8.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	222385	34.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	273612	29.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	180556	21.01	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	211011	45.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	186705	35.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	354424	34.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	89835	9.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1135038	38.02	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1269353	33.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	35712	7.55	ng/ul	0.01
57) Fluorene-d10	15.36	176	997779	37.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	175688	33.37	ng/ul	0.00
70) Anthracene-d10	17.22	188	1579876	38.83	ng/ul	0.00
78) Pyrene-d10	19.51	212	1801088	41.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	2066499	38.93	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	88962	15.275	ng/ul#	1
6) Phenol	6.92	94	16644	1.612	ng/ul#	1
14) Acetophenone	8.55	105	20257	1.565	ng/ul#	91
16) 4-Methylphenol	8.49	108	49923	5.985	ng/ul	93
17) Hexachloroethane	8.81	117	269659	69.107	ng/ul#	1
30) 4-Chloroaniline	10.60	127	7942695	887.853	ng/ul#	12
34) 2-Methylnaphthalene	12.19	142	11829125	553.368	ng/ul	98
40) 1,1'-Biphenyl	13.19	154	2302927	80.721	ng/ul	100
44) Dimethylphthalate	13.83	163	101439	3.649	ng/ul	99
47) Acenaphthylene	14.08	152	395728	12.135	ng/ul	97
49) Acenaphthene	14.43	153	5014499	211.615	ng/ul	99
53) Dibenzofuran	14.77	168	4840508	141.013	ng/ul	100
58) Fluorene	15.42	166	3141978	113.137	ng/ul	99
69) Phenanthrene	17.16	178	4163509	94.275	ng/ul	99
71) Anthracene	17.16	178	4160229	92.553	ng/ul	99
74) Carbazole	17.53	167	1017757	27.279	ng/ul	100
76) Fluoranthene	19.17	202	1112234	21.209	ng/ul	99
79) Pyrene	19.54	202	668411	12.702	ng/ul	99
82) Benzo(a)anthracene	21.29	228	86240	1.584	ng/ul	97
84) Chrysene	21.29	228	86376	1.687	ng/ul	95

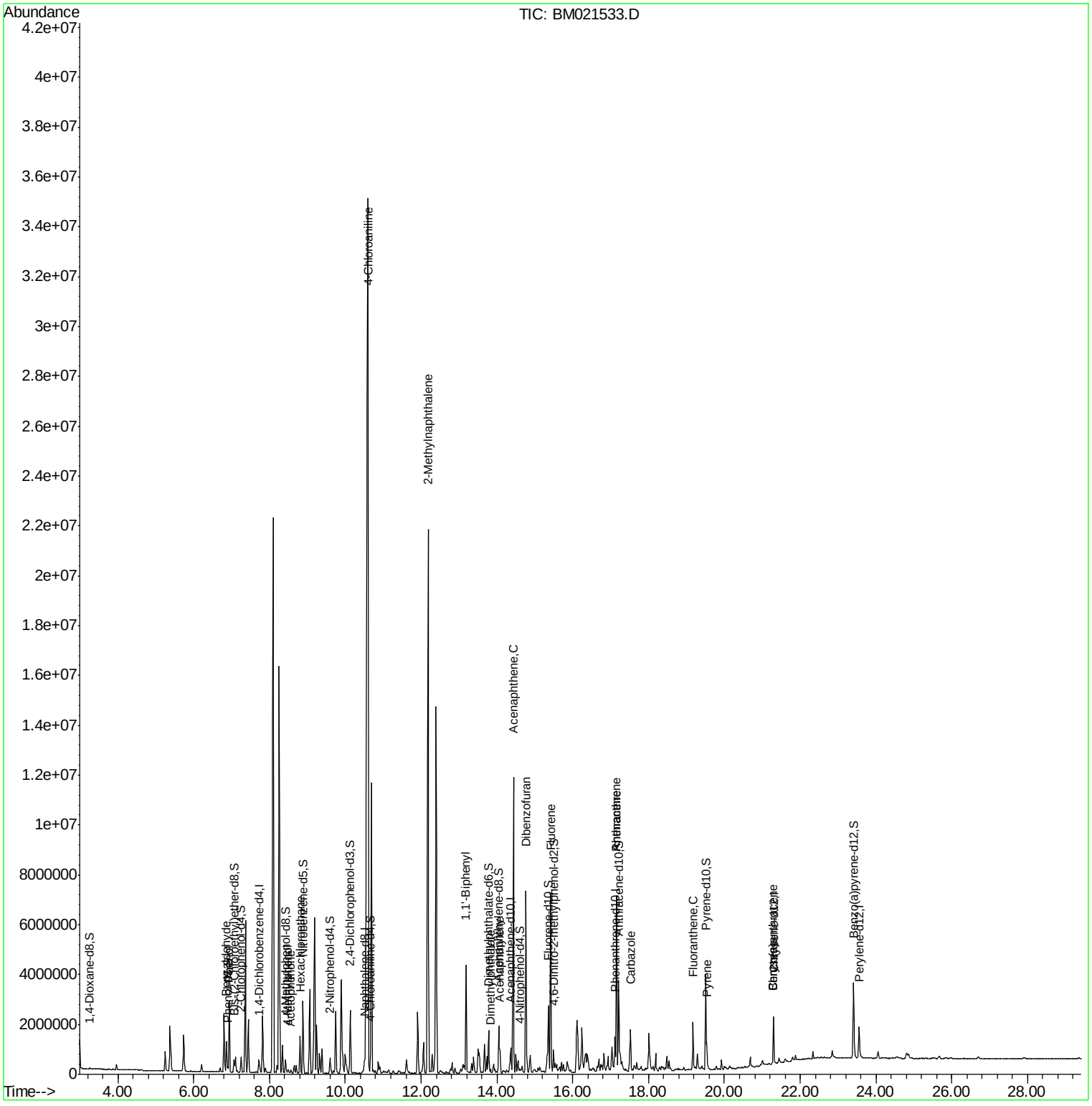
(#) = qualifier out of range (m) = manual integration (+) = signals summed

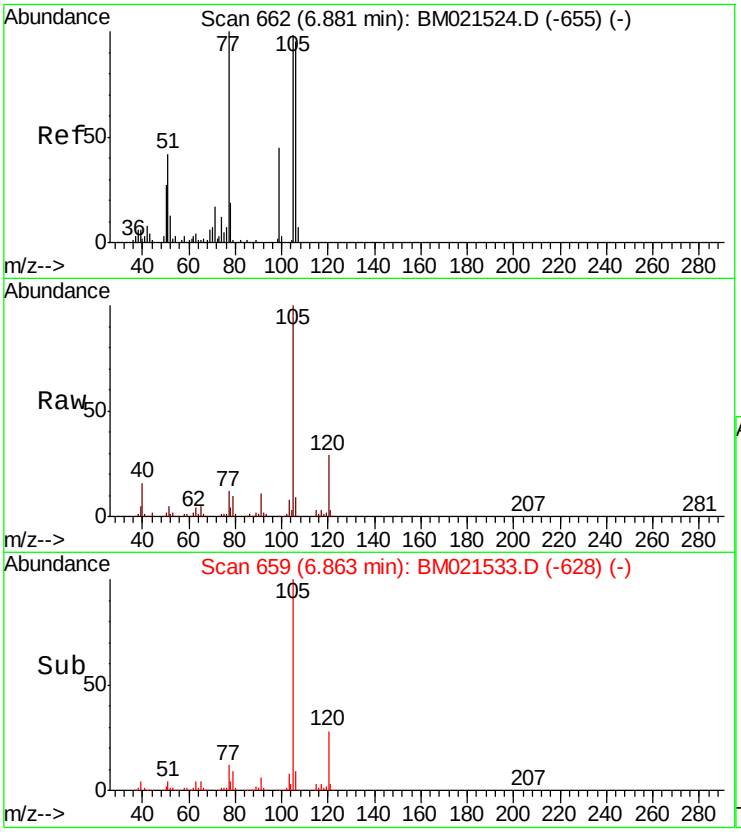
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021533.D
Acq On : 18 Jul 2019 20:57
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Quant Time: Jul 19 00:44:06 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



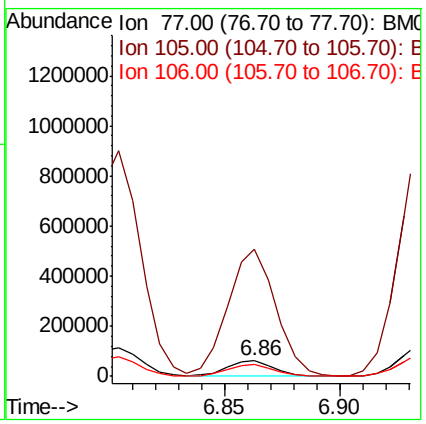


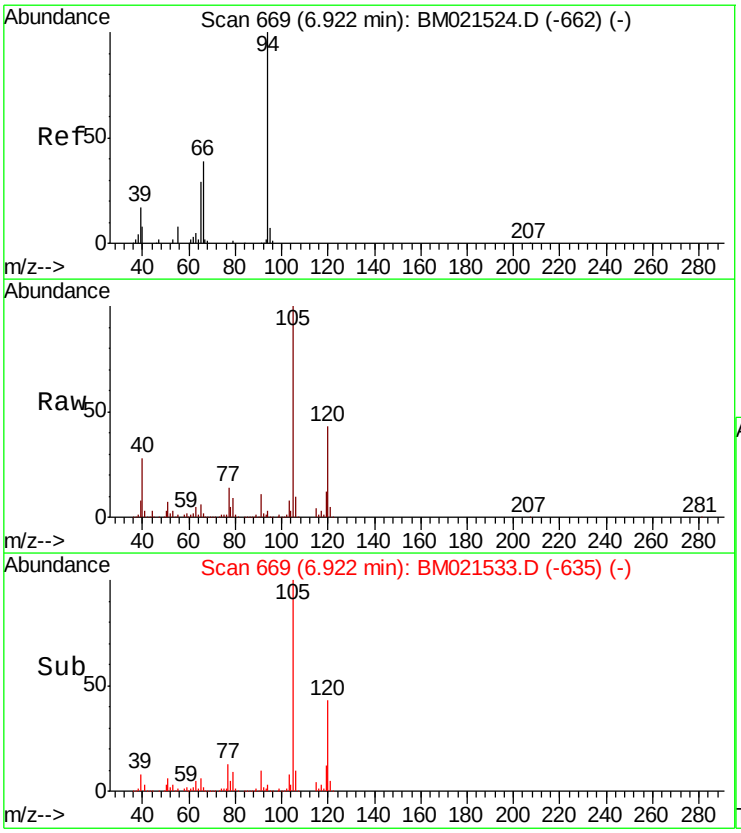
#4
Benzaldehyde
Concen: 15.275 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. -0.02 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion: 77 Resp: 88962

Ion	Ratio	Lower	Upper
77	100		
105	842.4	76.8	115.2#
106	76.3	71.4	107.2

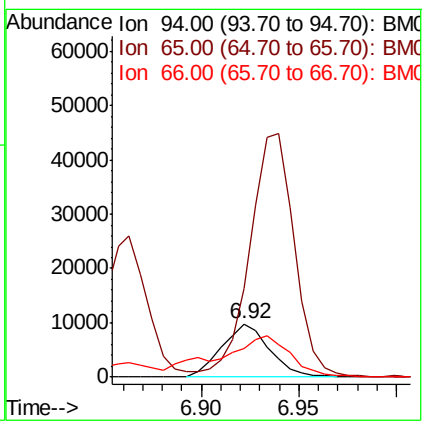


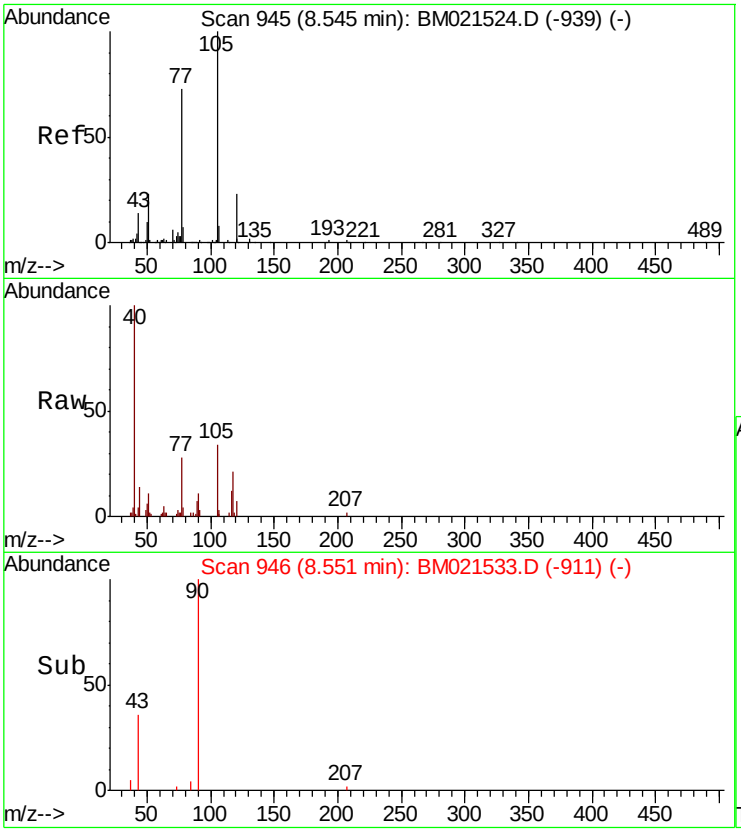


#6
Phenol
Concen: 1.612 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion: 94 Resp: 16644

Ion	Ratio	Lower	Upper
94	100		
65	167.4	23.0	34.6#
66	55.0	31.6	47.4#



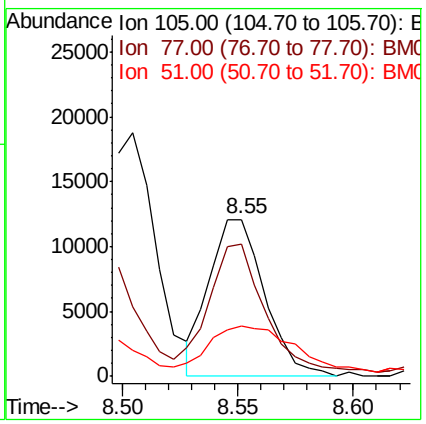


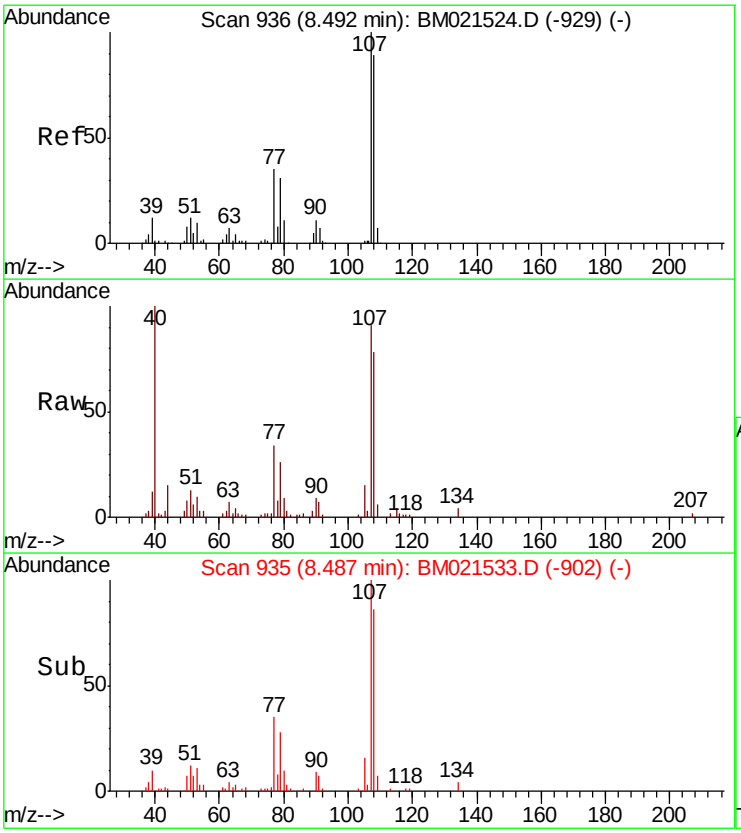
#14
Acetophenone
Concen: 1.565 ng/ul
RT: 8.55 min Scan# 946
Delta R.T. 0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:105 Resp: 20257

Ion	Ratio	Lower	Upper
105	100		
77	84.2	62.1	93.1
51	32.5	20.2	30.4#

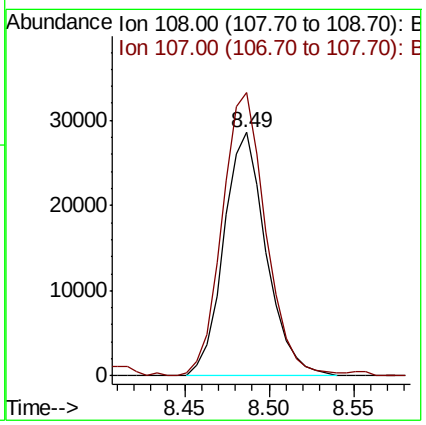


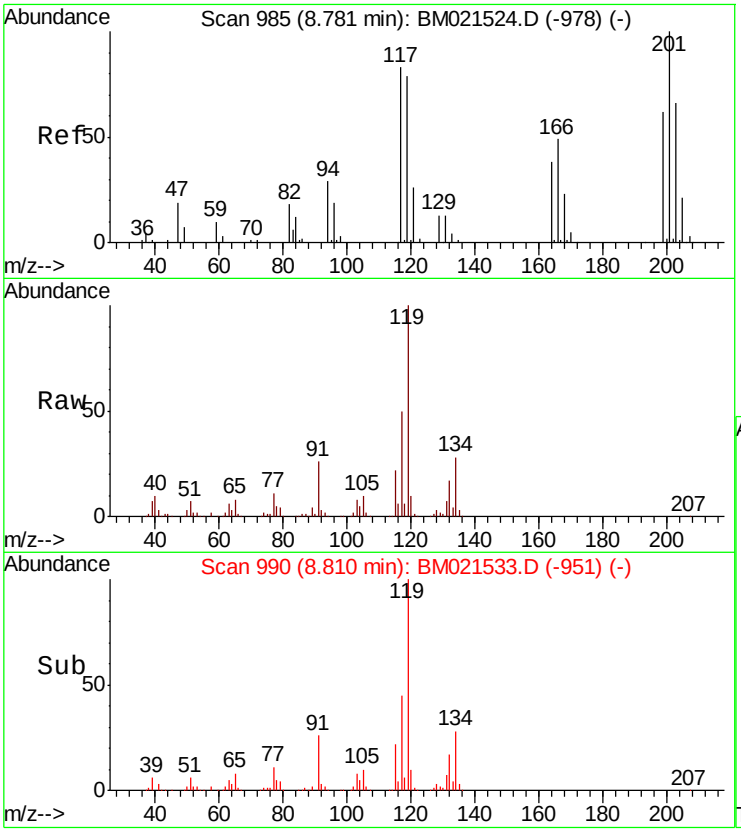


#16
4-Methylphenol
Concen: 5.985 ng/ul
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:108 Resp: 49923

Ion	Ratio	Lower	Upper
108	100		
107	116.3	87.2	130.8



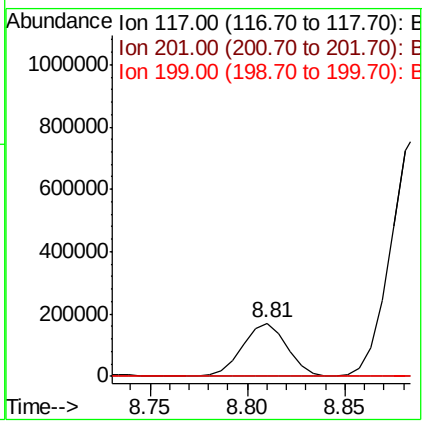


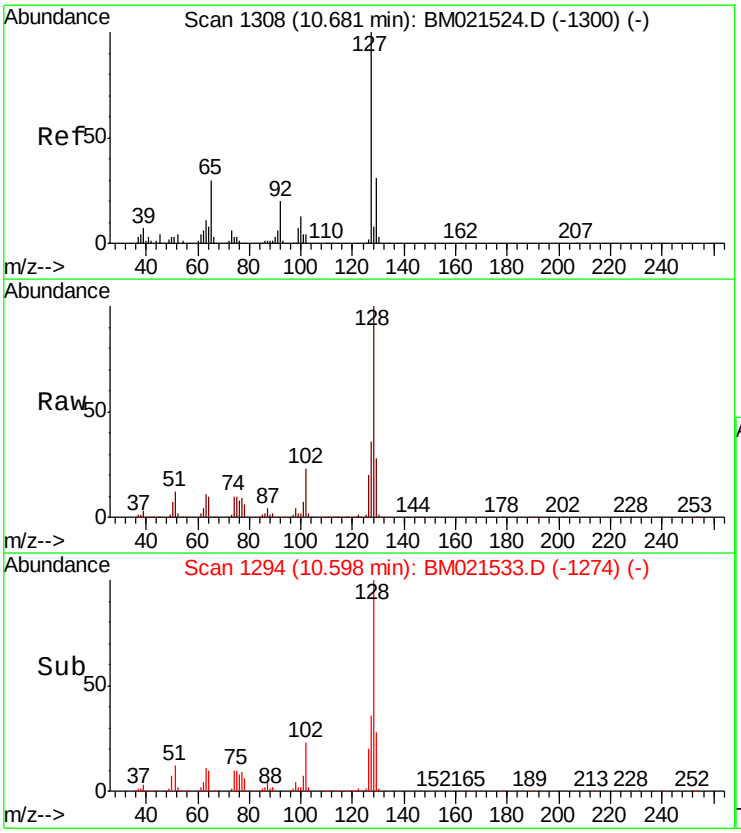
#17
Hexachloroethane
Concen: 69.107 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. 0.03 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:117 Resp: 269659

Ion	Ratio	Lower	Upper
117	100		
201	0.0	99.7	149.5#
199	0.0	62.2	93.4#

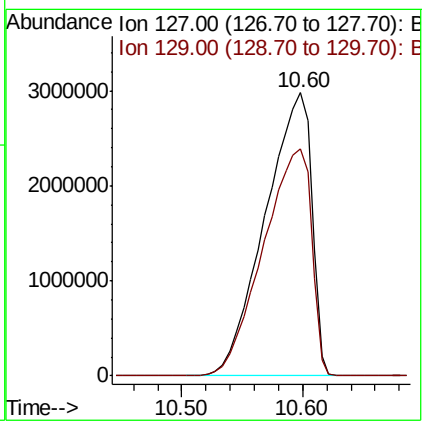


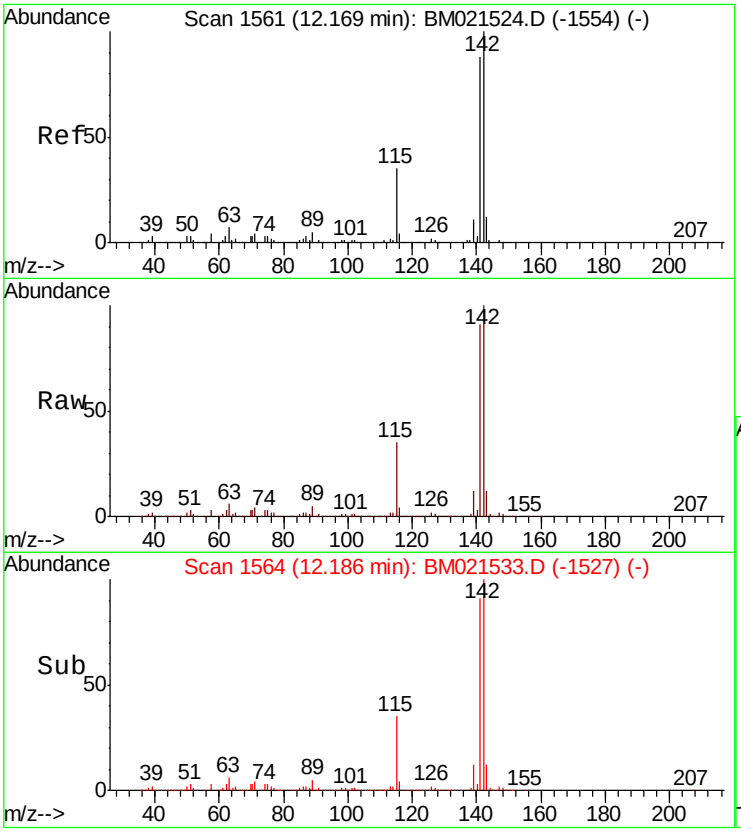


#30
4-Chloroaniline
Concen: 887.853 ng/ul
RT: 10.60 min Scan# 1294
Delta R.T. -0.08 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:127 Resp: 7942695

Ion	Ratio	Lower	Upper
127	100		
129	80.0	25.0	37.6#



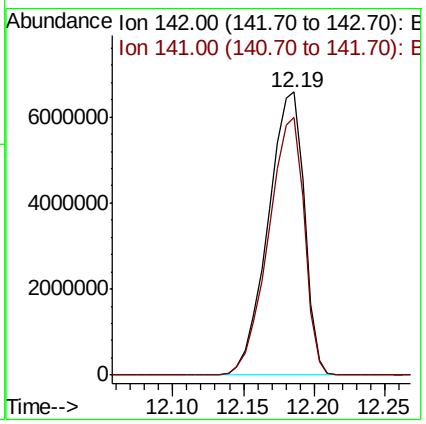


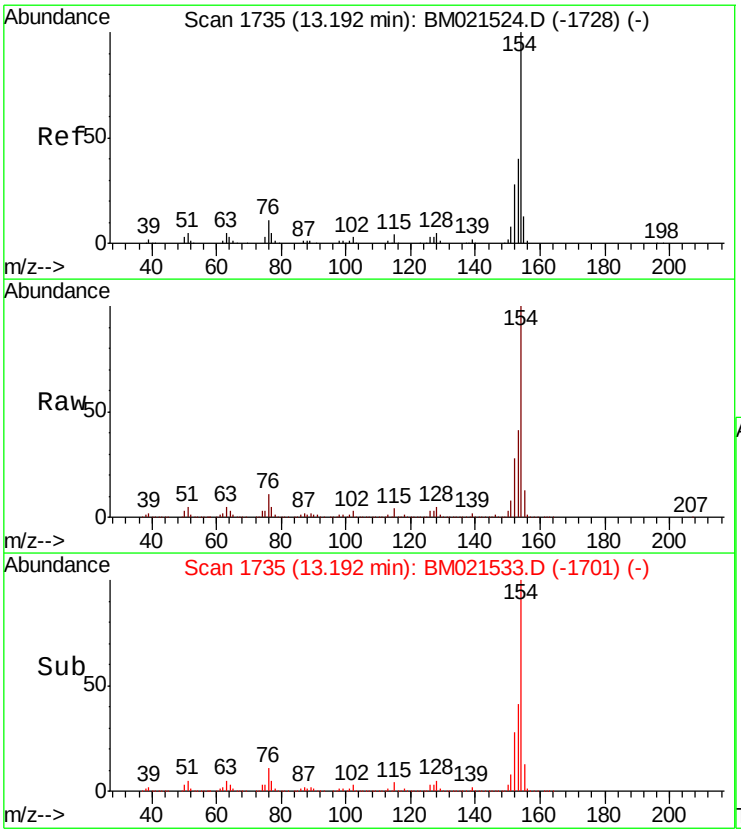
#34
2-Methylnaphthalene
Concen: 553.368 ng/ul
RT: 12.19 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:142 Resp:11829125

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.1	106.7

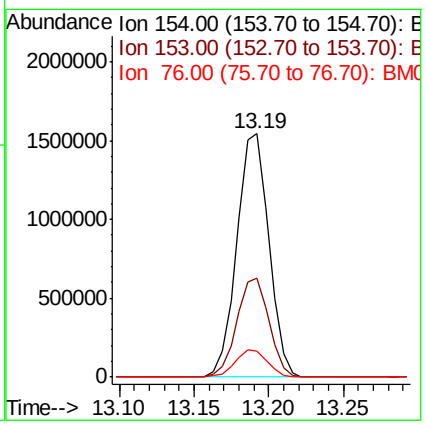


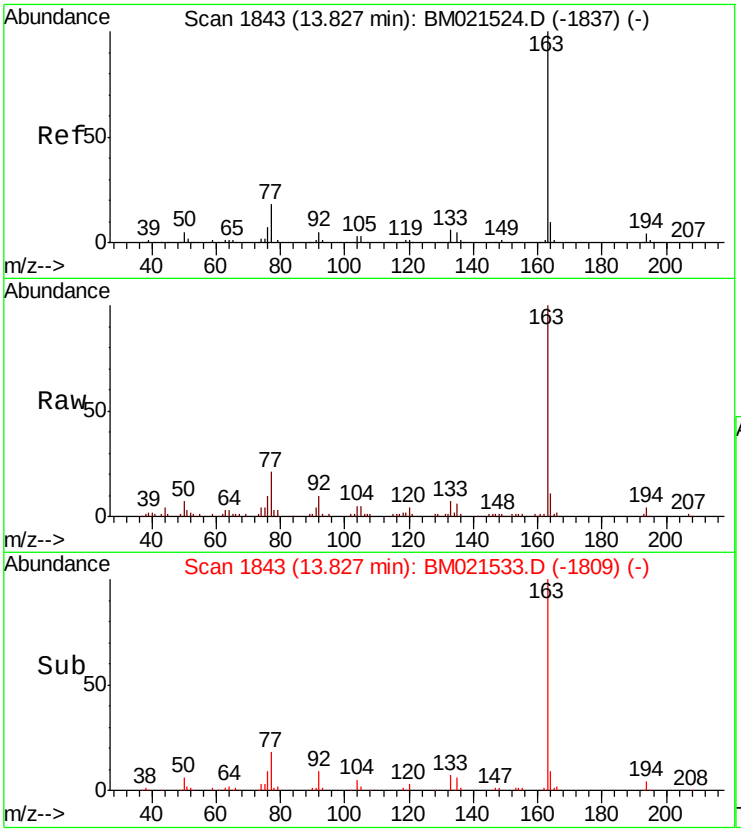


#40
1,1'-Biphenyl
Concen: 80.721 ng/ul
RT: 13.19 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:154 Resp: 2302927

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.7	49.1
76	10.8	8.5	12.7



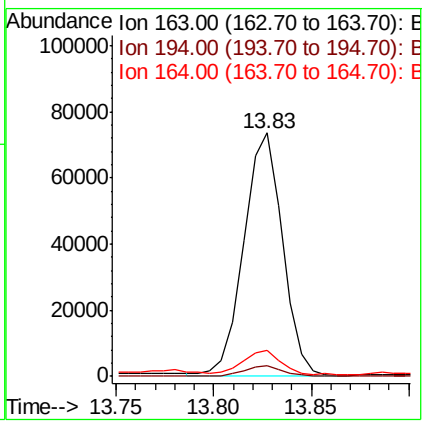


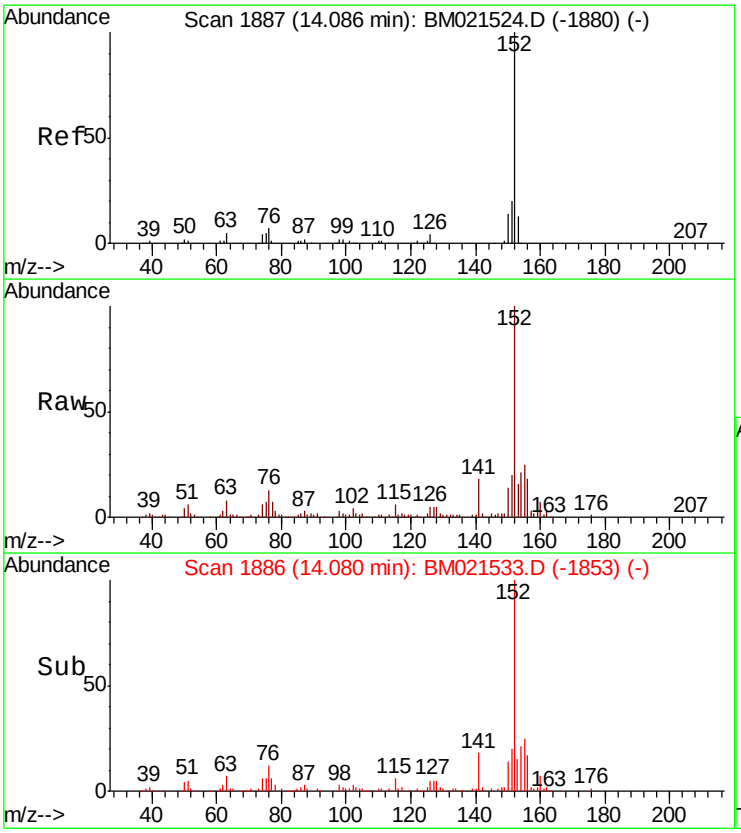
#44
Dimethylphthalate
Concen: 3.649 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:163 Resp: 101439

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.6	8.3	12.5

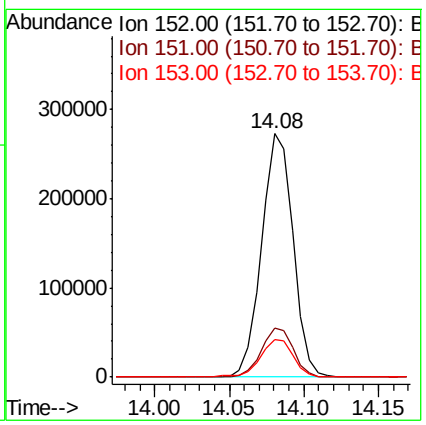


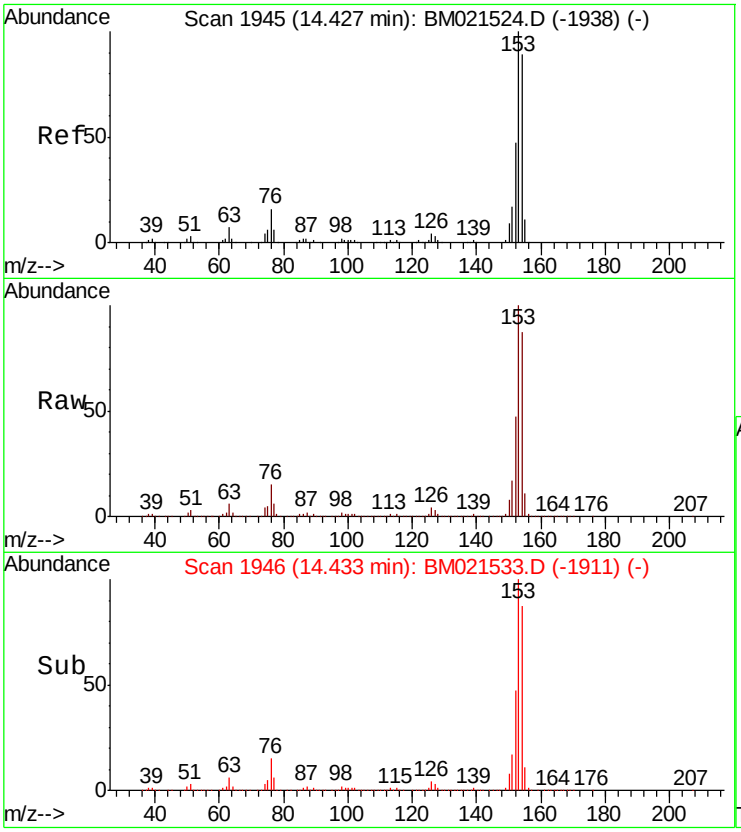


#47
Acenaphthylene
Concen: 12.135 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:152 Resp: 395728

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	15.5	10.6	15.8



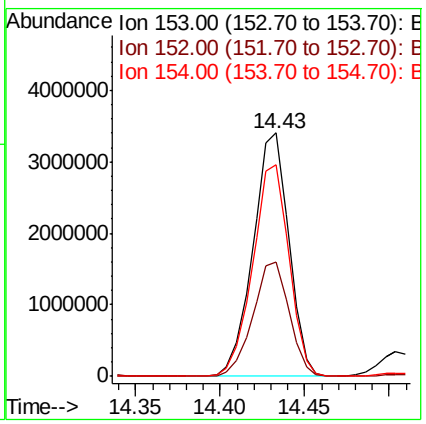


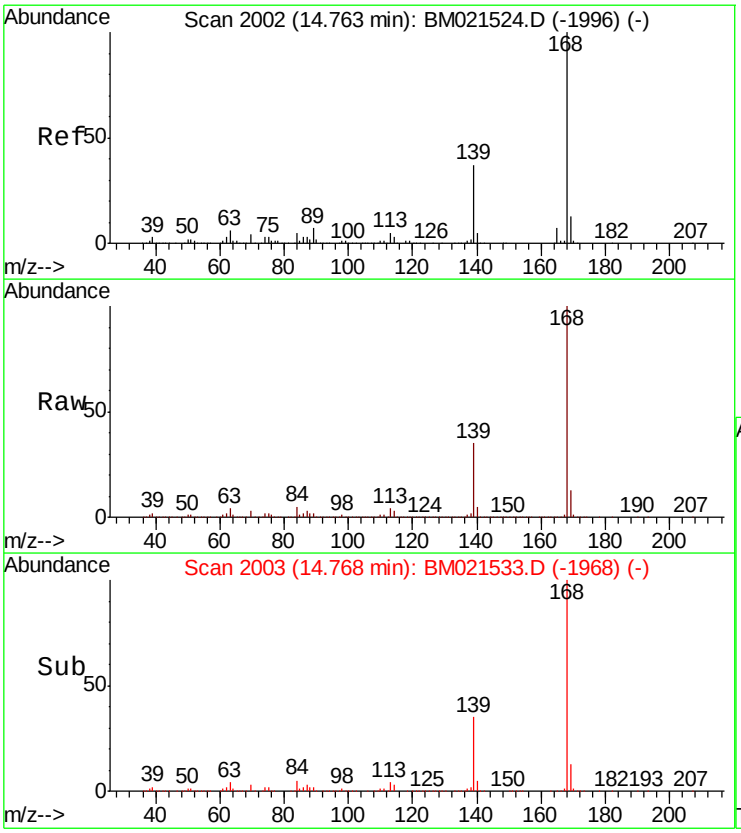
#49
Acenaphthene
Concen: 211.615 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:153 Resp: 5014499

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.2	57.4
154	86.9	70.0	105.0

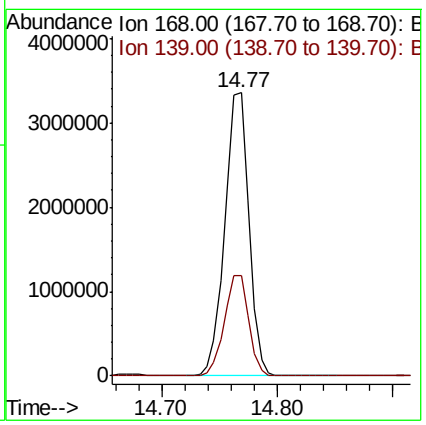


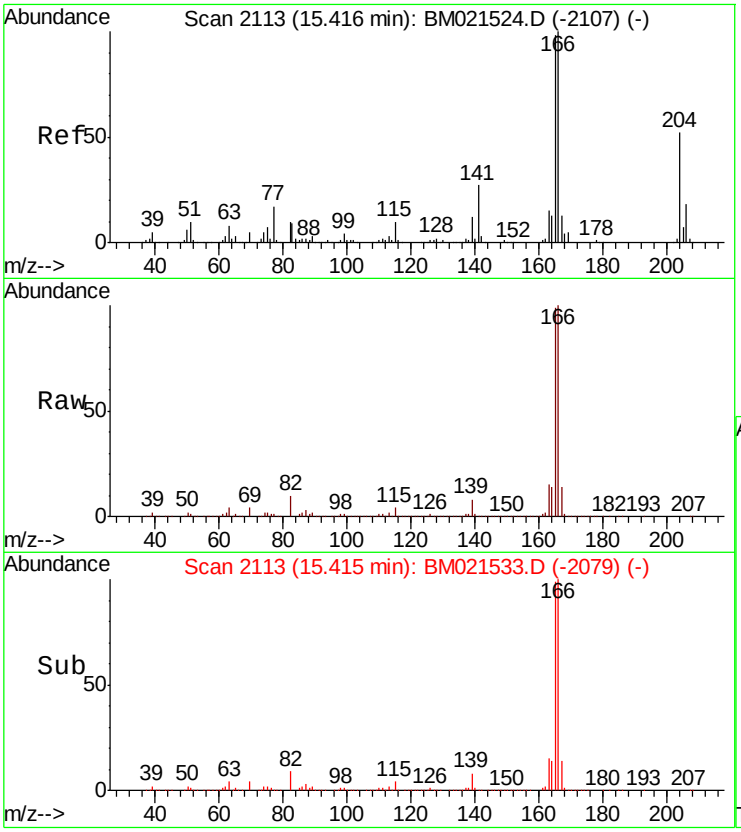


#53
Dibenzofuran
Concen: 141.013 ng/ul
RT: 14.77 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:168 Resp: 4840508

Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.4	42.6



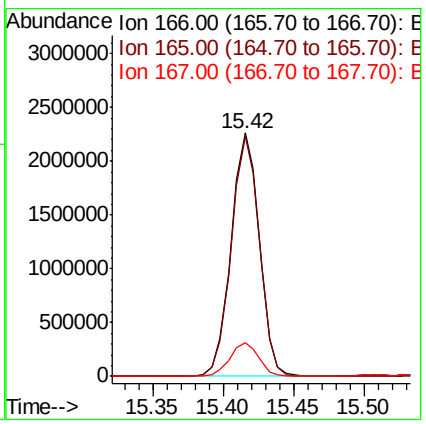


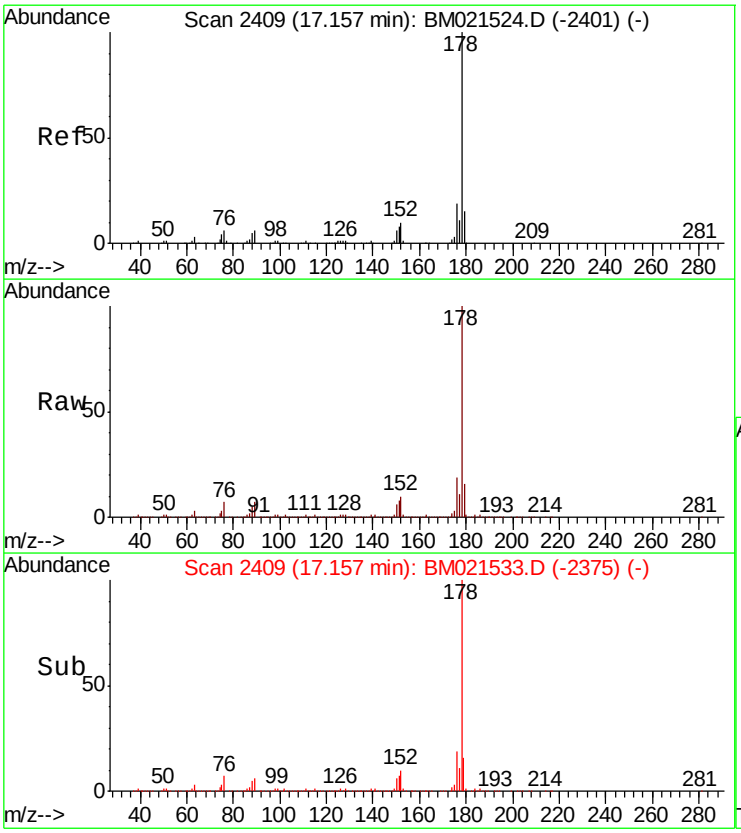
#58
Fluorene
Concen: 113.137 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:166 Resp: 3141978

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	14.0	10.7	16.1

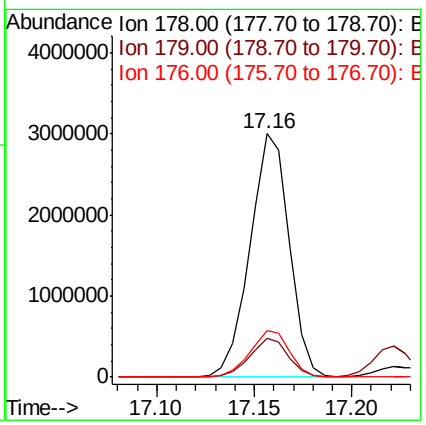


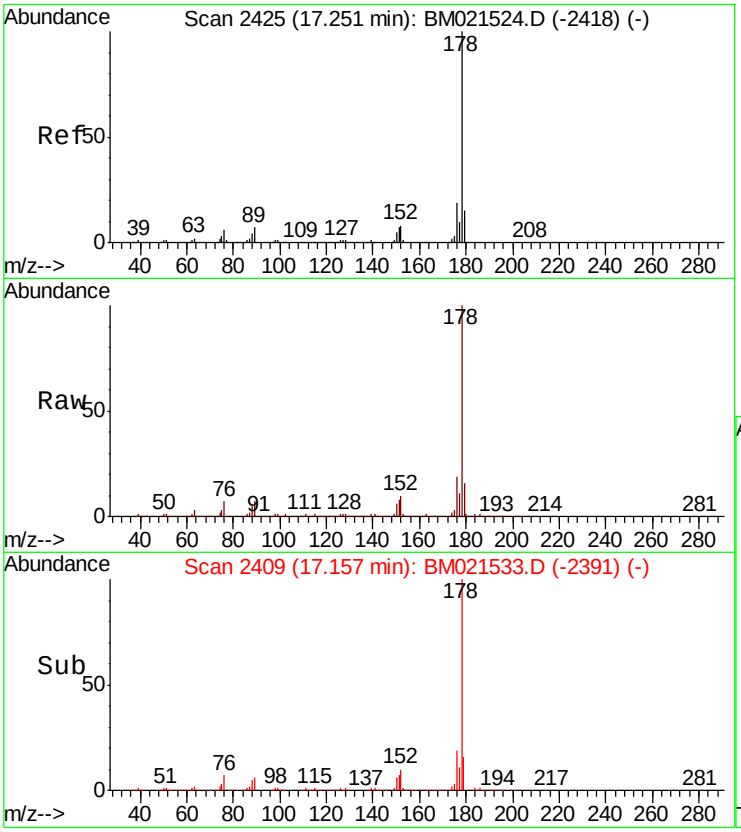


#69
Phenanthrene
Concen: 94.275 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:178 Resp: 4163509

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.1	15.4	23.0



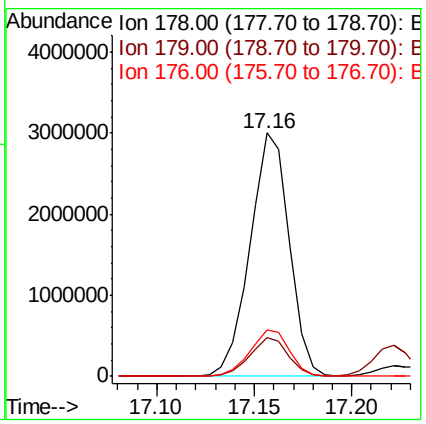


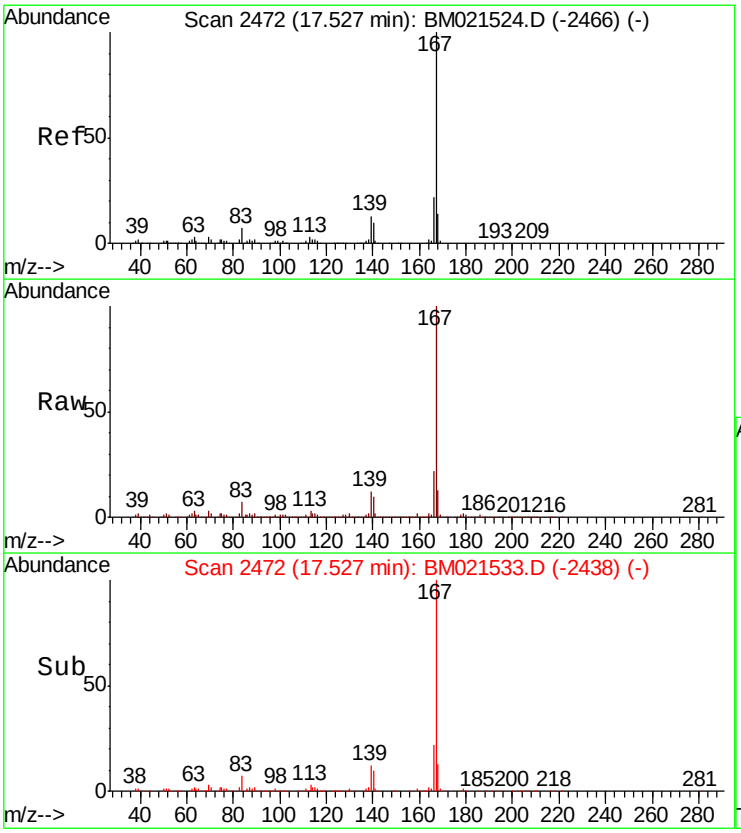
#71
Anthracene
Concen: 92.553 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.09 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:178 Resp: 4160229

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.1	14.9	22.3

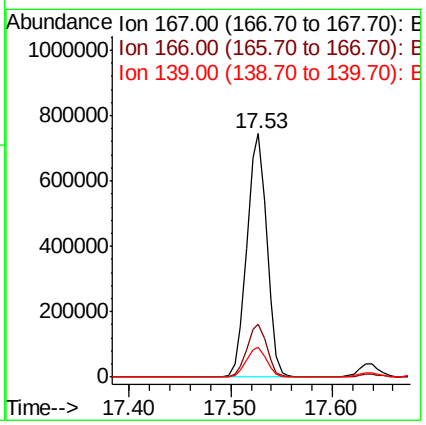


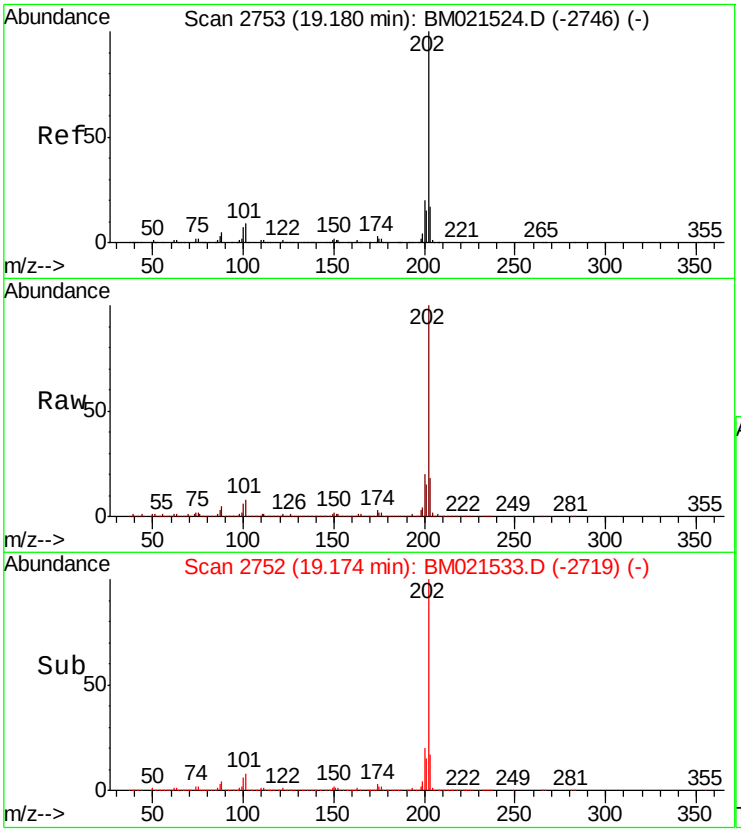


#74
Carbazole
Concen: 27.279 ng/ul
RT: 17.53 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:167 Resp: 1017757

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.1	9.7	14.5



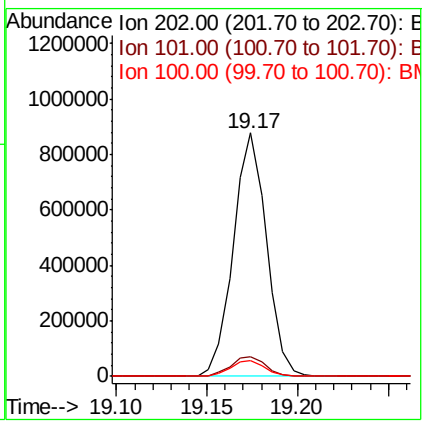


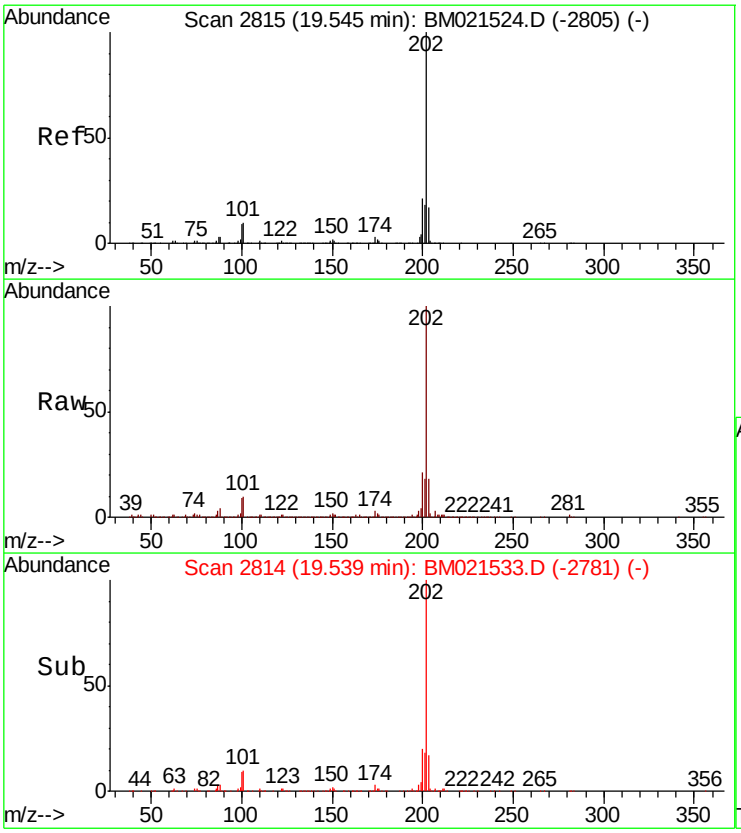
#76
Fluoranthene
Concen: 21.209 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:202 Resp: 1112234

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
100	6.4	5.3	7.9

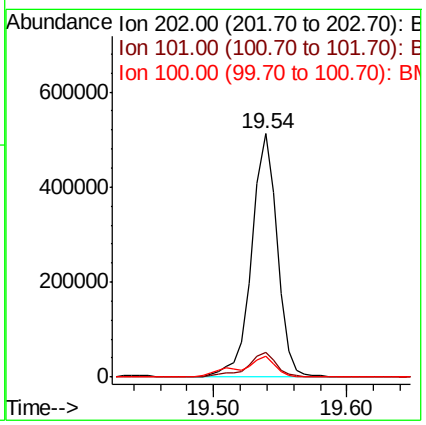


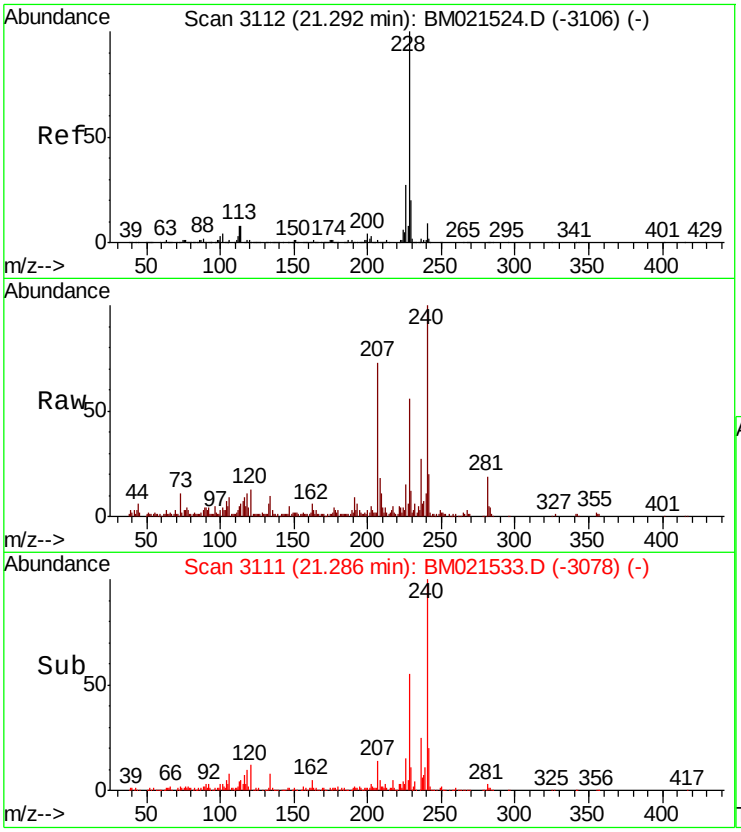


#79
Pyrene
Concen: 12.702 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:202 Resp: 668411

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	8.7	6.4	9.6



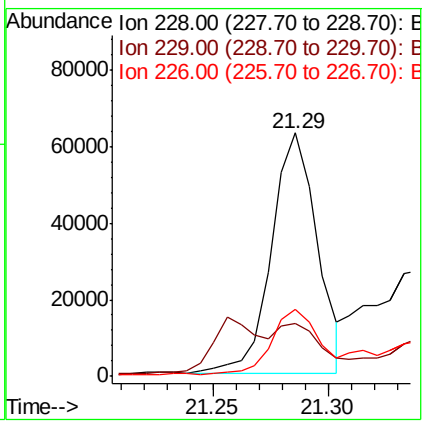


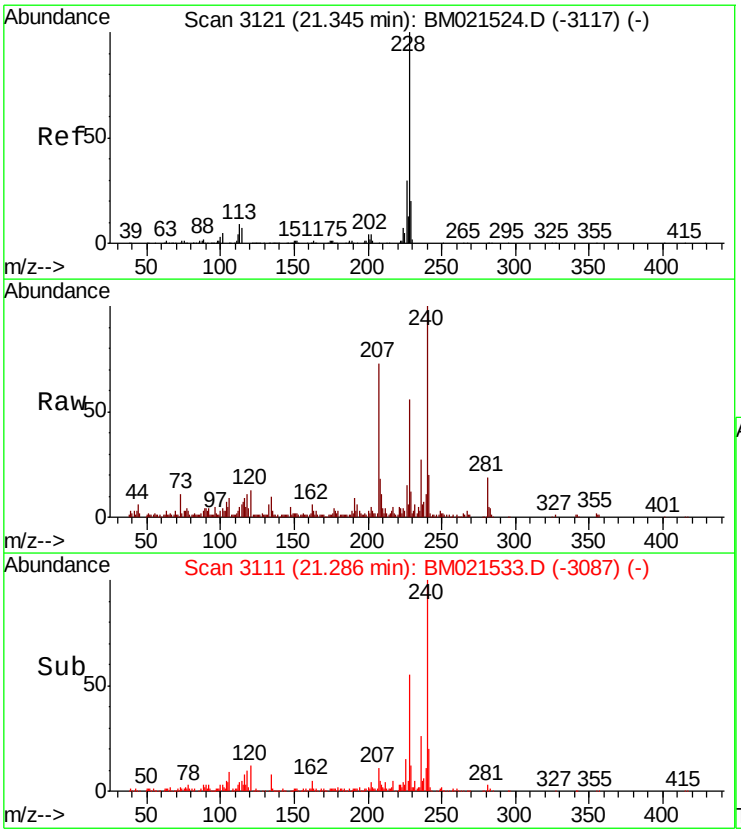
#82
Benzo(a)anthracene
Concen: 1.584 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Instrument :
BNA_M
ClientSampleId :
HD-01-070219

Tgt Ion:228 Resp: 86240

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	27.7	21.5	32.3





#84
Chrysene
Concen: 1.687 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.06 min
Lab File: BM021533.D
Acq: 18 Jul 2019 20:57

Tgt Ion:228 Resp: 86376

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.8	35.6
229	21.9	15.4	23.0