

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
 Data File : BM021006.D
 Acq On : 18 Jun 2019 10:38
 Operator : HP/JU
 Sample : K3332-15MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4222MS

Quant Time: Jun 18 17:39:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 18 05:54:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	241637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1092069	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	719214	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1762736	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1709340	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1610519	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	26105	5.13	ng/uL	0.00
5) Phenol-d5	6.96	99	608233	28.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	401606	32.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	516036	30.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	516695	29.43	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	289706	32.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	311906	31.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	598816	29.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	685686	32.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2417501	37.20	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2703635	33.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	244657	23.14	ng/ul	0.00
57) Fluorene-d10	15.42	176	2046683	36.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	258075	23.82	ng/ul	0.00
70) Anthracene-d10	17.27	188	3296503	35.99	ng/ul	0.00
78) Pyrene-d10	19.57	212	3704862	36.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	3380177	35.57	ng/ul	0.00

Target Compounds

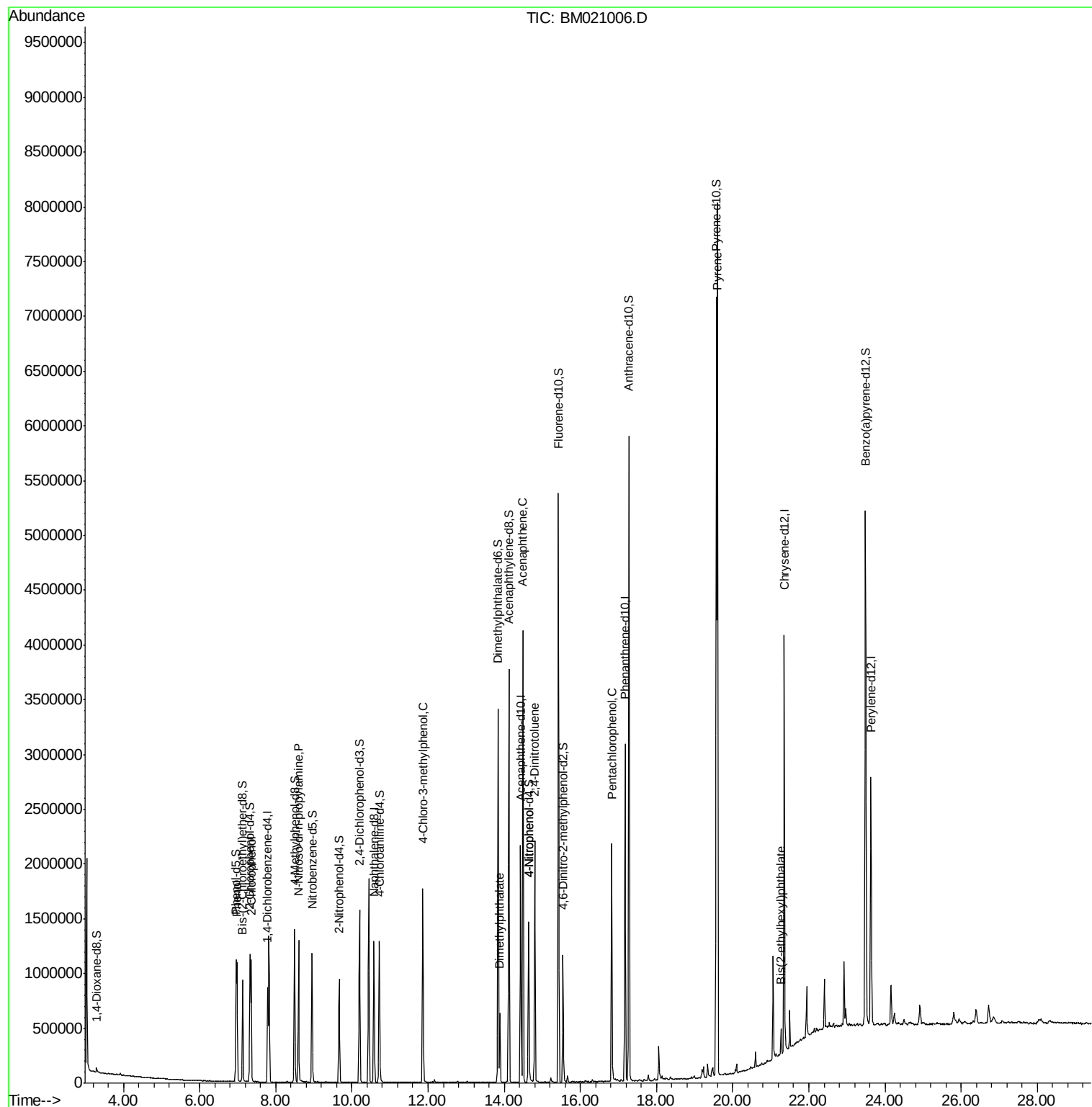
					Ovalue
6) Phenol	6.98	94	567905	28.547	ng/ul 99
10) 2-Chlorophenol	7.35	128	480904	29.860	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.60	70	479588	36.469	ng/ul 97
33) 4-Chloro-3-methylphenol	11.86	107	630594	33.945	ng/ul 98
44) Dimethylphthalate	13.89	163	402733	6.808	ng/ul 98
49) Acenaphthene	14.49	153	1704048	34.127	ng/ul 99
52) 4-Nitrophenol	14.65	109	188509	24.110	ng/ul 98
54) 2,4-Dinitrotoluene	14.80	165	671926	41.009	ng/ul 96
68) Pentachlorophenol	16.82	266	400092	32.208	ng/ul 98
79) Pyrene	19.60	202	4519928	37.403	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.26	149	78817	1.238	ng/ul 98

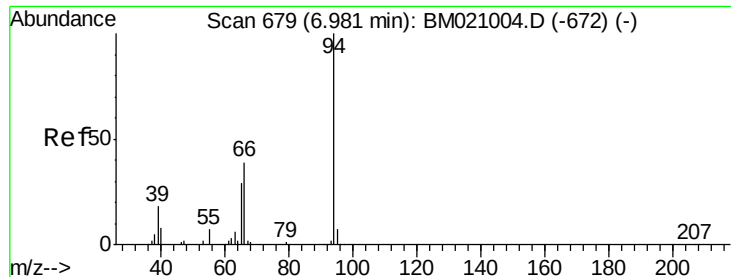
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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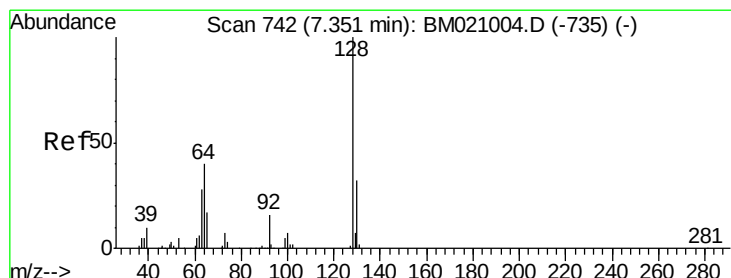
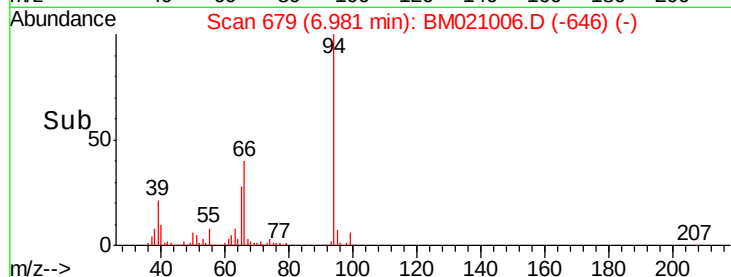
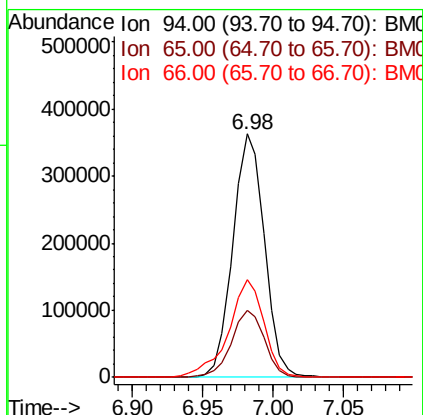
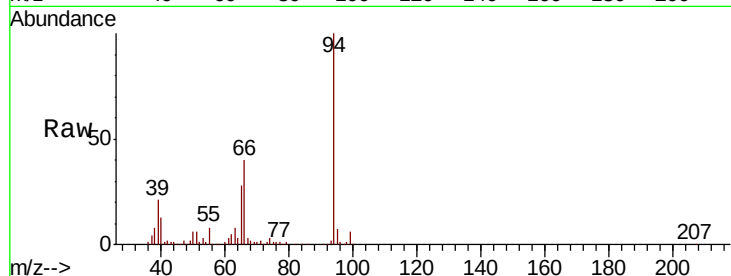
#6

Phenol

Concen: 28.547 ng/ul
 RT: 6.98 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BM021006.D
 Acq: 18 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 A4222MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.7	22.6	34.0
66	40.1	31.2	46.8

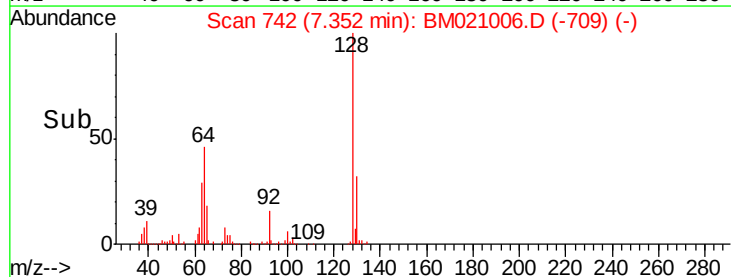
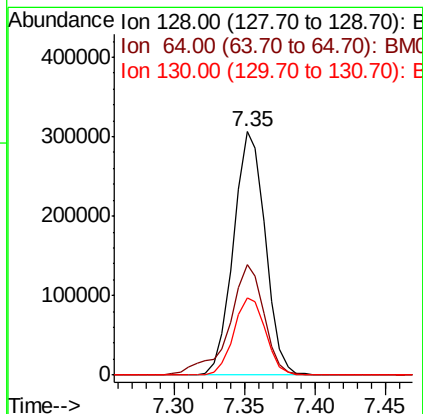
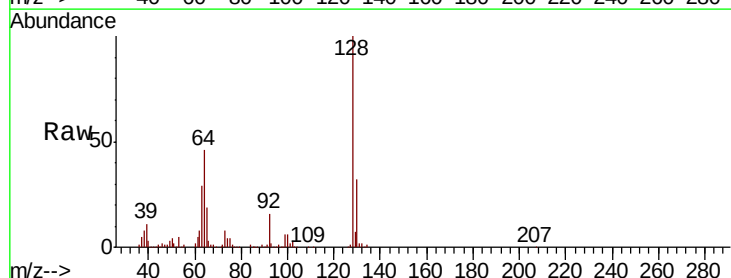


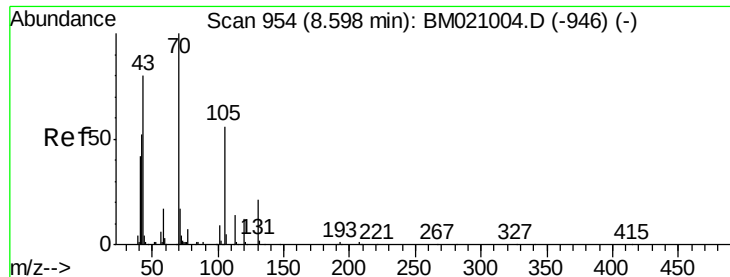
#10

2-Chlorophenol

Concen: 29.860 ng/ul
 RT: 7.35 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BM021006.D
 Acq: 18 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.5	34.2	51.4
130	31.9	26.8	40.2





#15

N-Nitroso-di-n-propylamine

Concen: 36.469 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM021006.D

Acq: 18 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

A4222MS

Tot Ion: 70 Resp: 479588

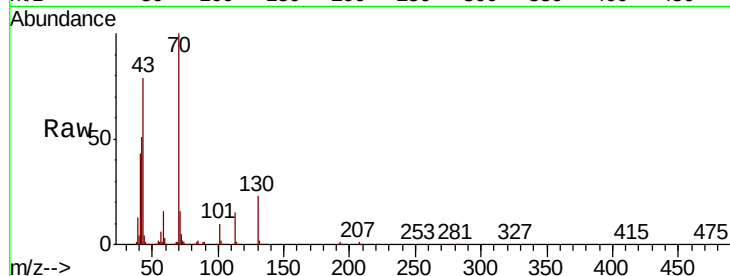
Ion Ratio Lower Upper

70 100

42 51.3 43.4 65.0

101 10.2 7.8 11.6

130 22.5 18.5 27.7

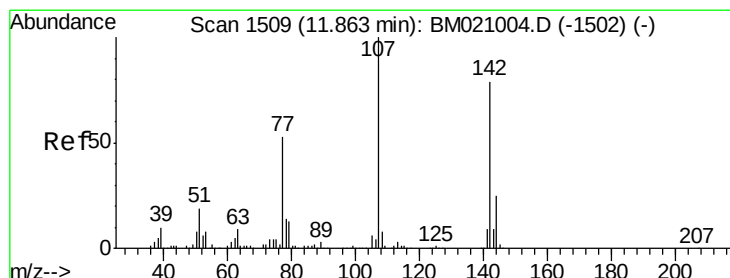
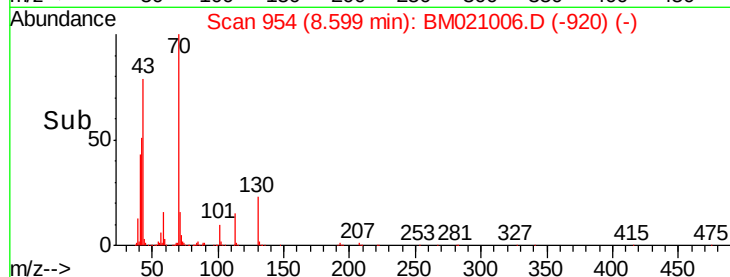
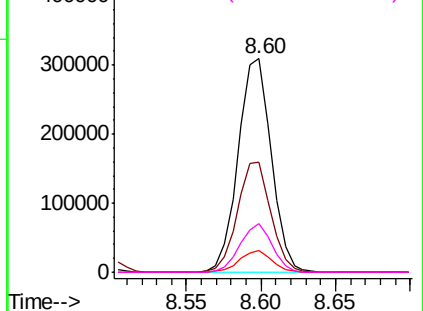


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 33.945 ng/ul

RT: 11.86 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BM021006.D

Acq: 18 Jun 2019 10:38

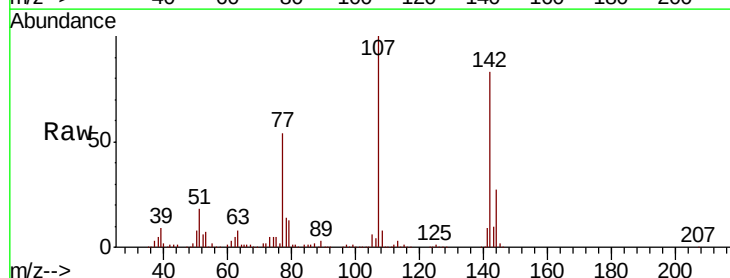
Tgt Ion: 107 Resp: 630594

Ion Ratio Lower Upper

107 100

144 26.8 21.0 31.4

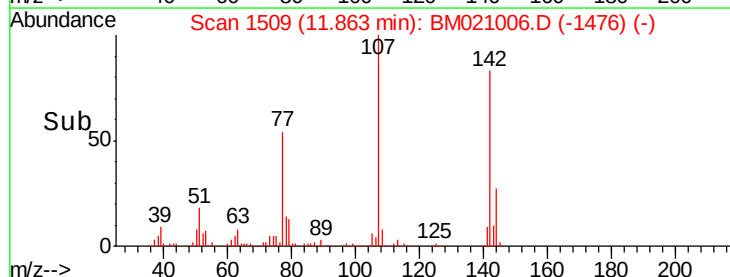
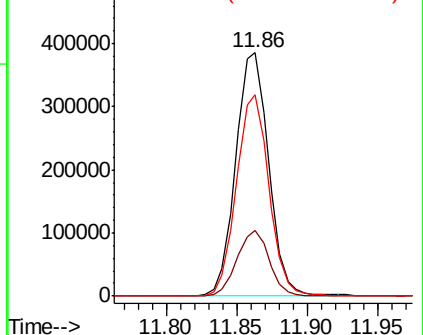
142 82.7 64.3 96.5

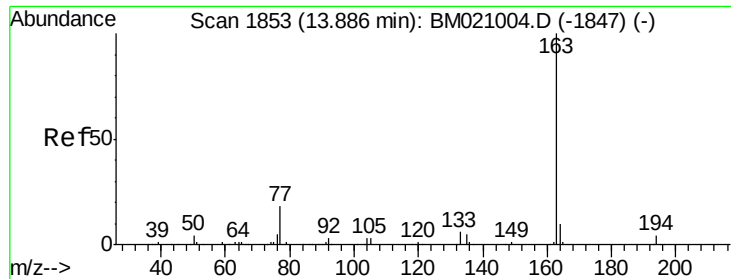


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

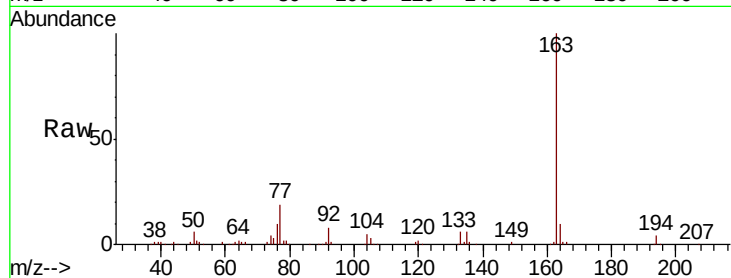




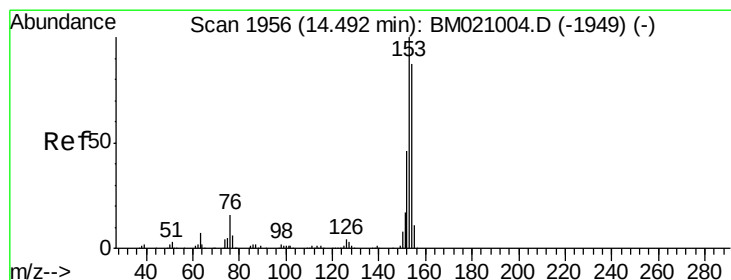
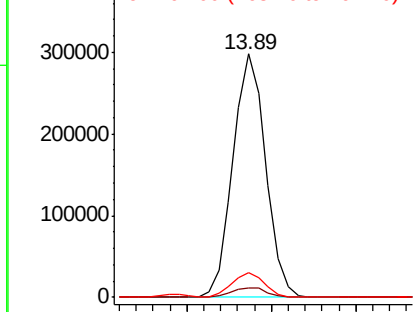
#44
Dimethylphthalate
Concen: 6.808 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM021006.D
Acq: 18 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
A4222MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.2	7.7	11.5

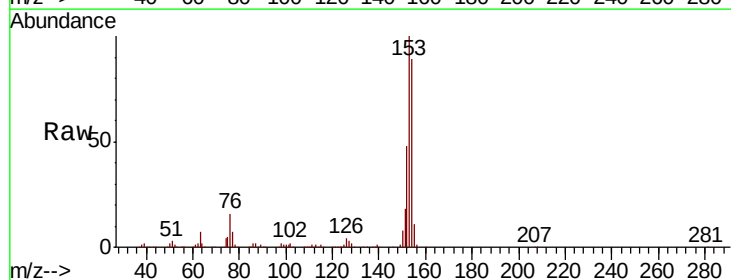


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

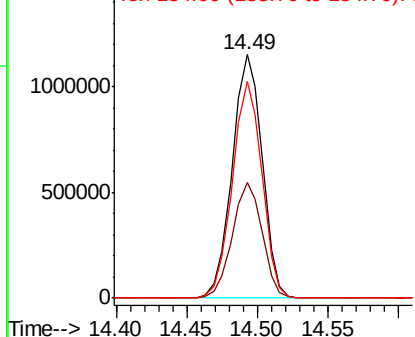


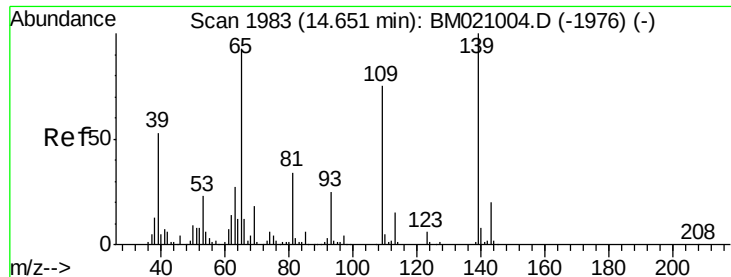
#49
Acenaphthene
Concen: 34.127 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM021006.D
Acq: 18 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.3	55.9
154	89.0	70.5	105.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 24.110 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM021006.D

Acq: 18 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

A4222MS

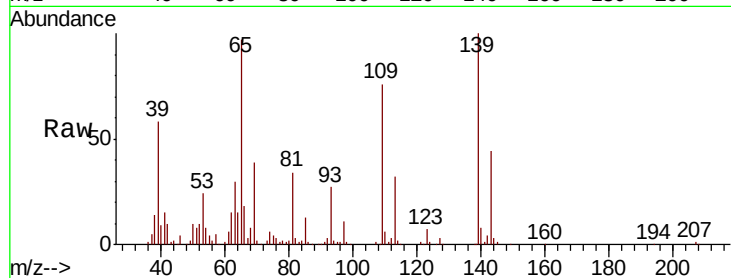
Tot Ion:109 Resp: 188509

Ion Ratio Lower Upper

109 100

139 131.6 106.2 159.4

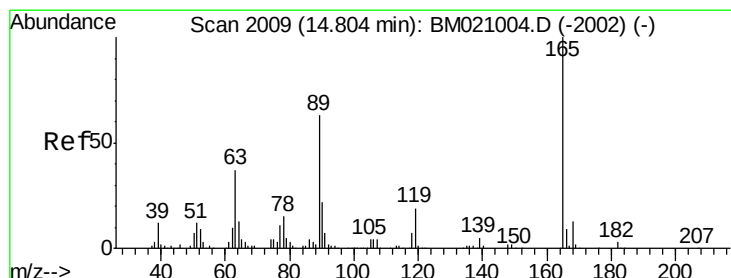
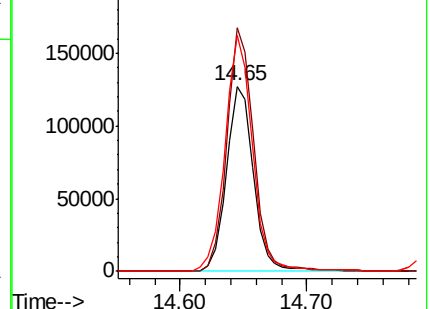
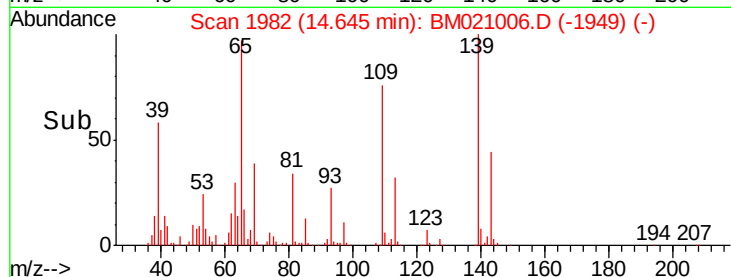
65 127.8 99.6 149.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

2,4-Dinitrotoluene

Concen: 41.009 ng/ul

RT: 14.80 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM021006.D

Acq: 18 Jun 2019 10:38

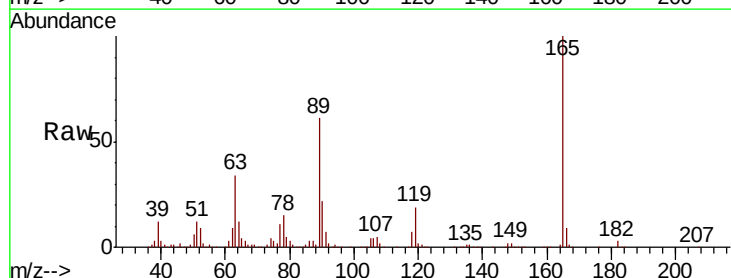
Tgt Ion:165 Resp: 671926

Ion Ratio Lower Upper

165 100

63 33.9 29.4 44.0

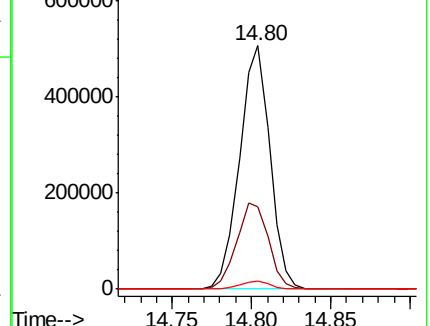
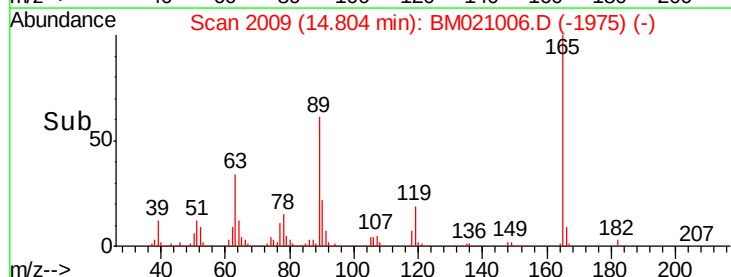
182 3.1 2.1 3.1

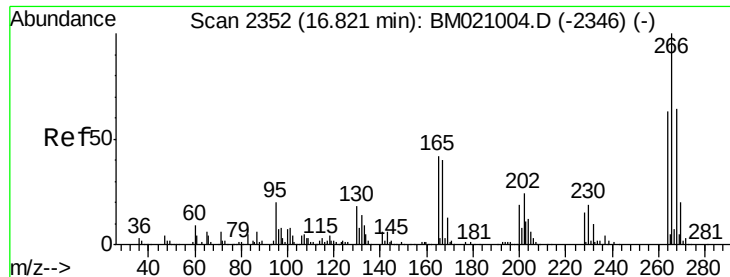


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

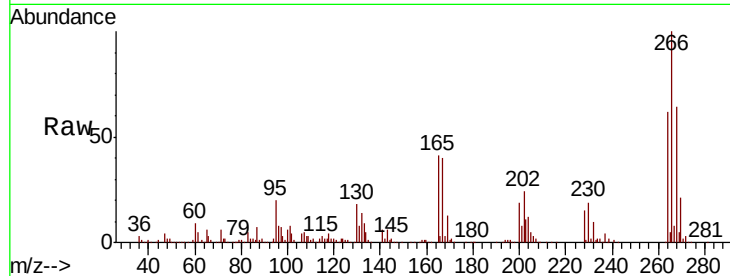




#68
 Pentachlorophenol
 Concen: 32.208 ng/ul
 RT: 16.82 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BM021006.D
 Acq: 18 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 A4222MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.9	74.9
268	63.7	53.4	80.0

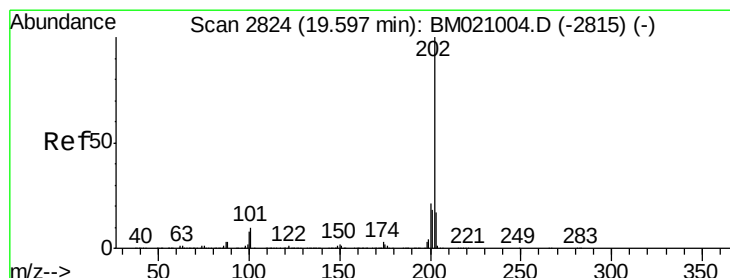
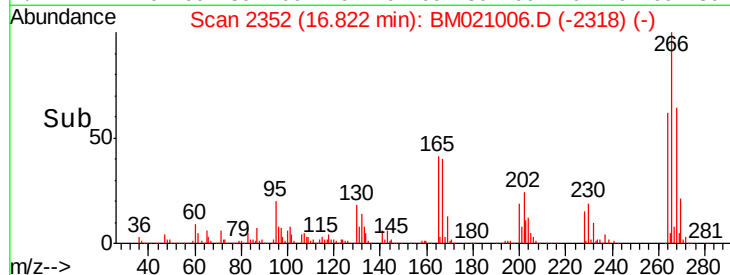
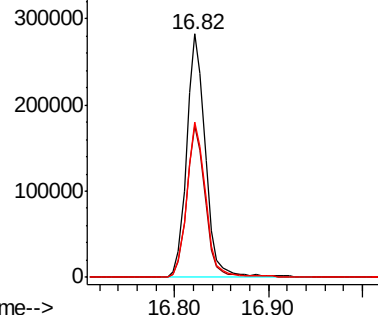


Abundance

Ion 265.70 (265.40 to 266.40): E

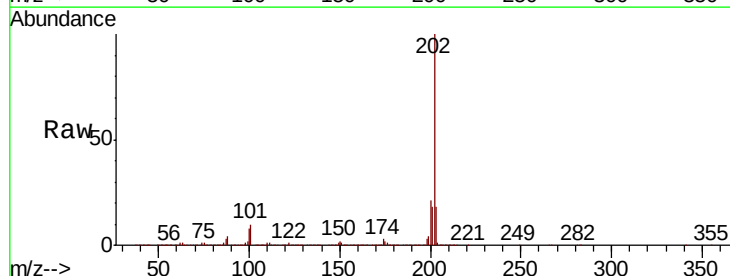
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 37.403 ng/ul
 RT: 19.60 min Scan# 2824
 Delta R.T. 0.00 min
 Lab File: BM021006.D
 Acq: 18 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.5	6.6	10.0

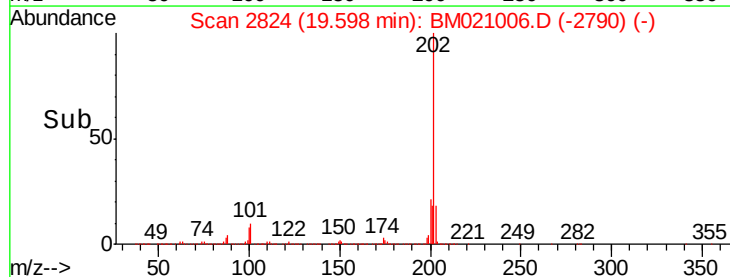
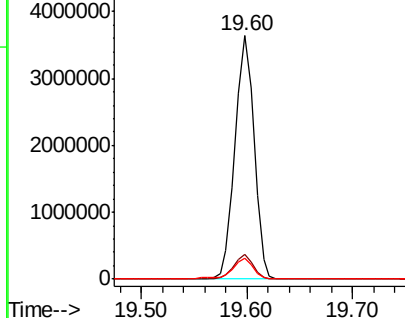


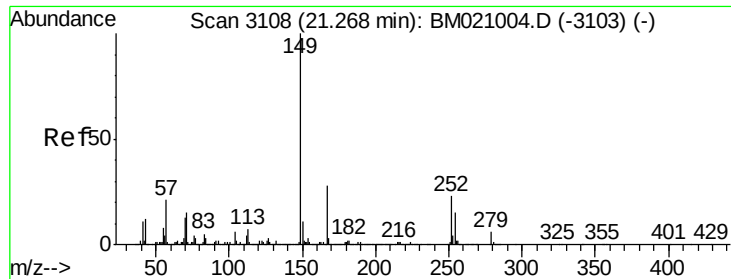
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.238 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BM021006.D

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Instrument :

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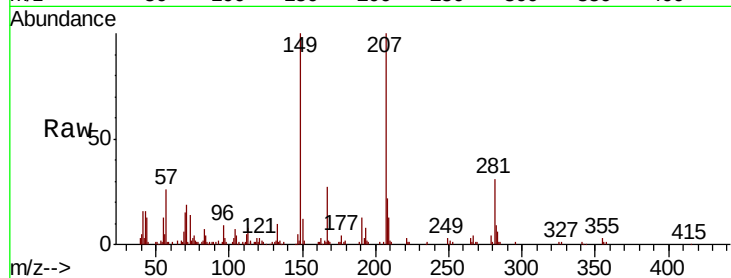
Tot Ion:149 Resp: 78817

Ion Ratio Lower Upper

149 100

167 26.6 22.3 33.5

279 4.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

