

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021521.D
 Acq On : 18 Jul 2019 11:47
 Operator : HP/JU
 Sample : K3760-15MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MS

Quant Time: Jul 18 17:07:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 02:48:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	176567	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	677606	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	374027	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	835774	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	812149	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	943443	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	8583	2.39	ng/uL	0.00
5) Phenol-d5	6.89	99	177305	12.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	115122	14.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	162474	13.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	130430	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	78297	14.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	84682	13.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	163107	12.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	9083	0.80	ng/ul	0.02
43) Dimethylphthalate-d6	13.78	166	487161	14.87	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	572635	13.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	30130	5.80	ng/ul	0.00
57) Fluorene-d10	15.36	176	428185	14.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	43264	7.70	ng/ul	0.00
70) Anthracene-d10	17.21	188	614485	14.15	ng/ul	0.00
78) Pyrene-d10	19.51	212	726849	16.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	791867	14.59	ng/ul	-0.02

Target Compounds

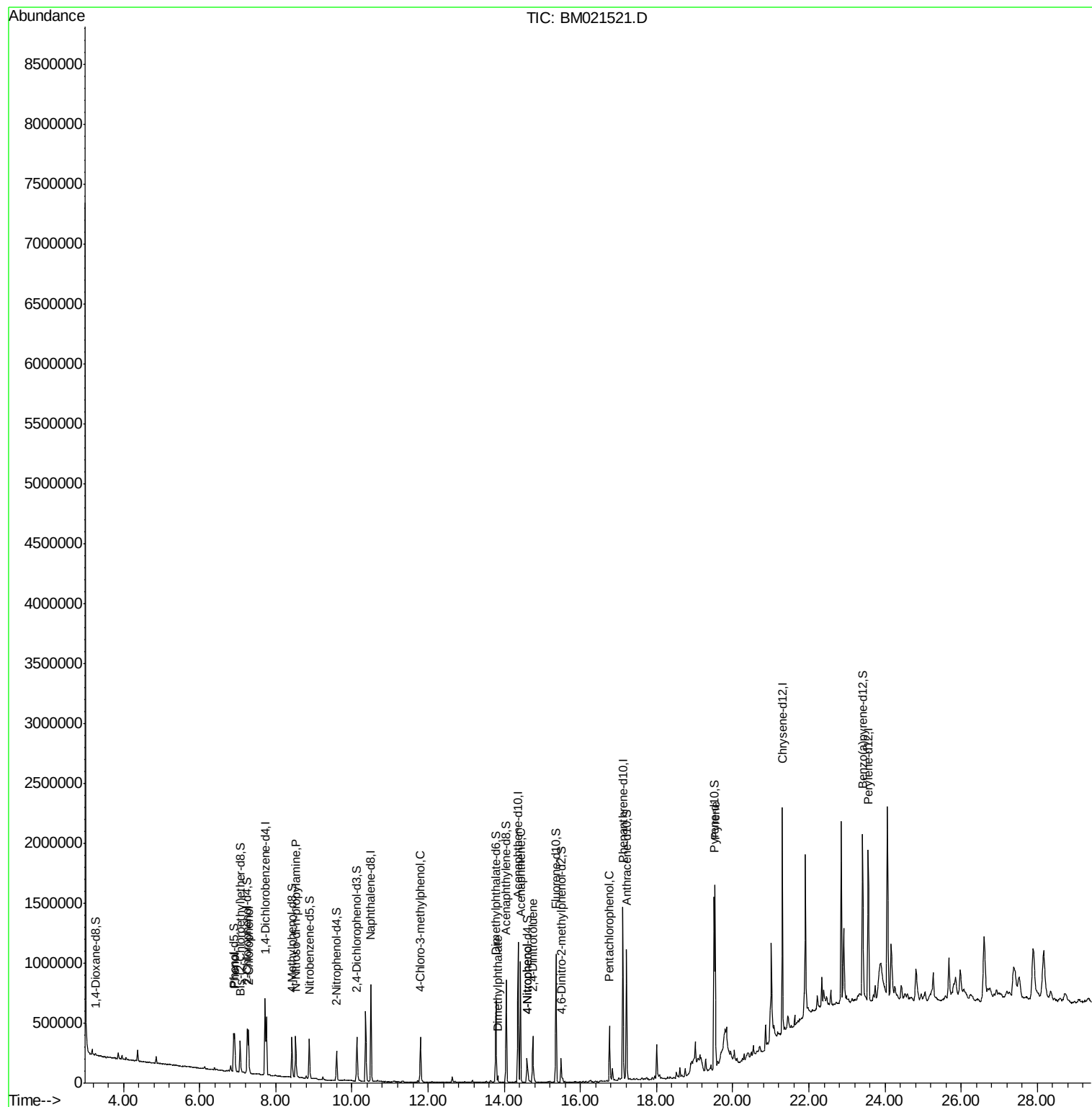
					Qvalue
6) Phenol	6.92	94	177654	13.519	ng/ul 99
10) 2-Chlorophenol	7.29	128	160082	14.096	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.52	70	122445	14.825	ng/ul 96
33) 4-Chloro-3-methylphenol	11.80	107	147003	13.716	ng/ul 98
44) Dimethylphthalate	13.83	163	34906	1.144	ng/ul 99
49) Acenaphthene	14.43	153	409327	15.742	ng/ul 100
52) 4-Nitrophenol	14.61	109	28512	7.374	ng/ul 90
54) 2,4-Dinitrotoluene	14.75	165	106190	12.465	ng/ul 98
68) Pentachlorophenol	16.77	266	93407	14.413	ng/ul 99
79) Pyrene	19.54	202	904543	16.829	ng/ul 99

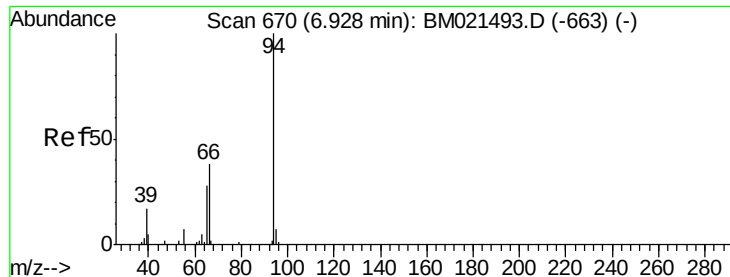
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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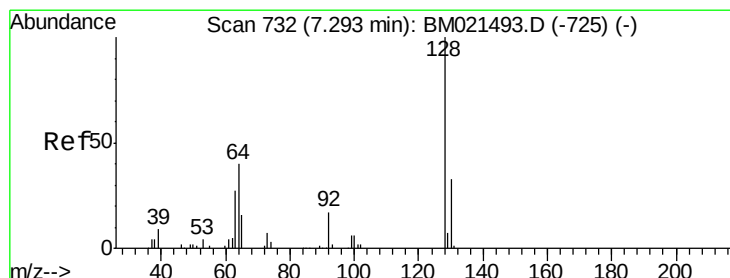
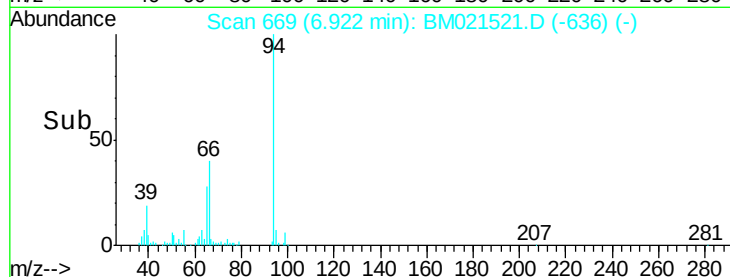
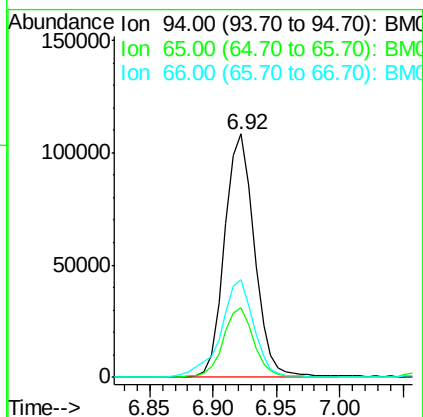
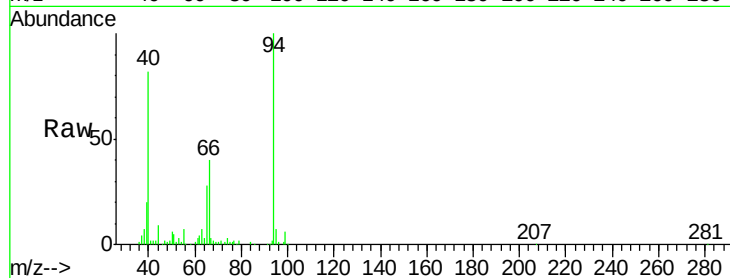
#6

Phenol

Concen: 13.519 ng/ul
 RT: 6.92 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BM021521.D
 Acq: 18 Jul 2019 11:47

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MS

Tgt Ion: 94 Resp: 177654
 Ion Ratio Lower Upper
 94 100
 65 28.4 23.0 34.6
 66 40.4 31.6 47.4

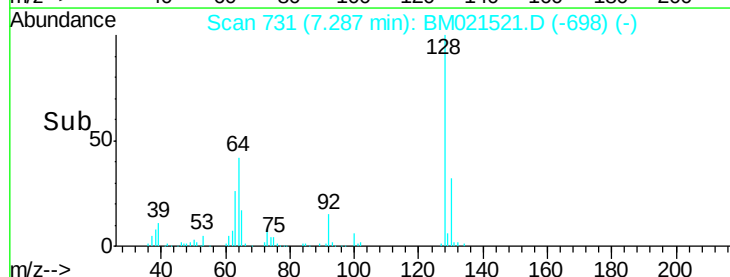
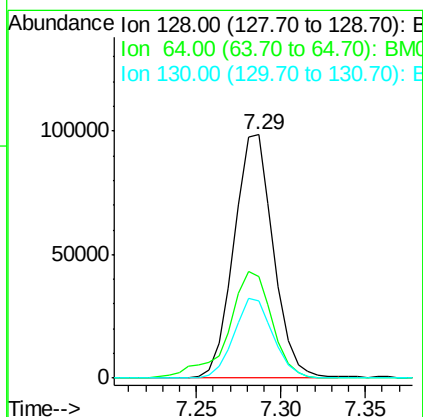
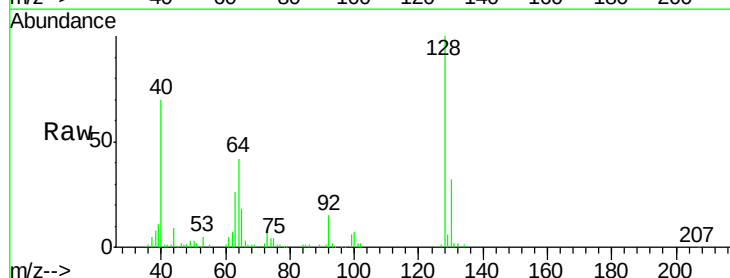


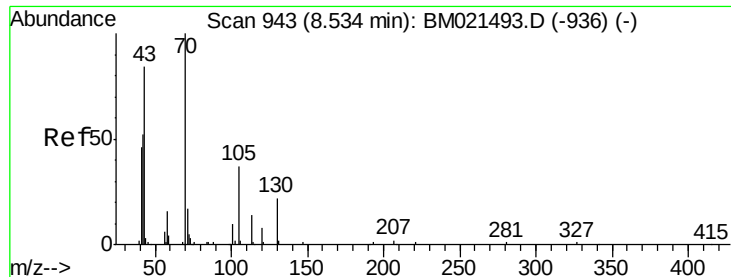
#10

2-Chlorophenol

Concen: 14.096 ng/ul
 RT: 7.29 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BM021521.D
 Acq: 18 Jul 2019 11:47

Tgt Ion: 128 Resp: 160082
 Ion Ratio Lower Upper
 128 100
 64 41.5 34.4 51.6
 130 31.5 26.9 40.3





#15

N-Nitroso-di-n-propylamine

Concen: 14.825 ng/ul

RT: 8.52 min Scan# 941

Delta R.T. -0.01 min

Lab File: BM021521.D

Acq: 18 Jul 2019 11:47

Instrument :

BNA_M

ClientSampleId :

DB8Z4MS

Tgt Ion: 70 Resp: 122445

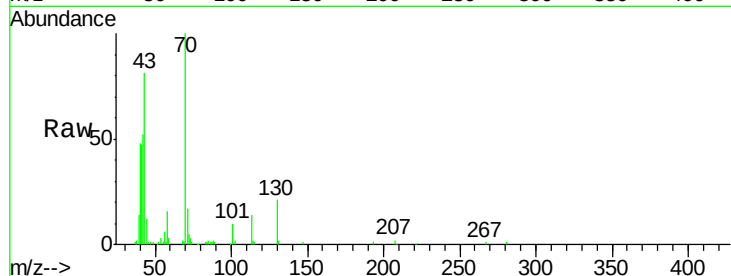
Ion Ratio Lower Upper

70 100

42 52.4 39.9 59.9

101 9.8 7.6 11.4

130 20.5 18.5 27.7

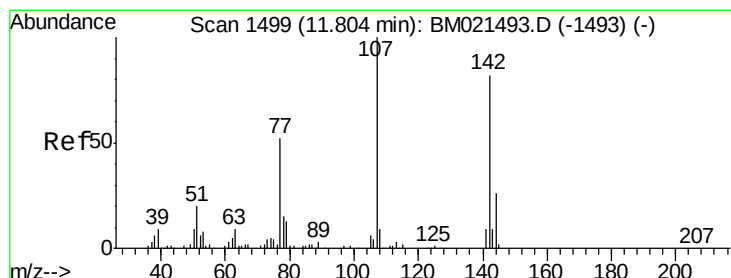
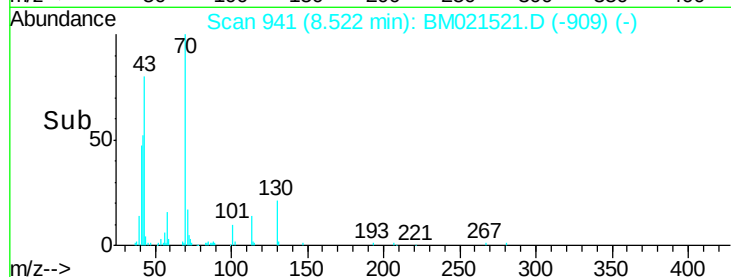
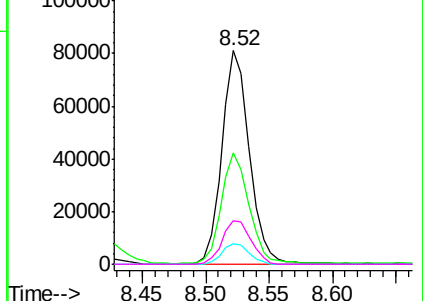


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 13.716 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM021521.D

Acq: 18 Jul 2019 11:47

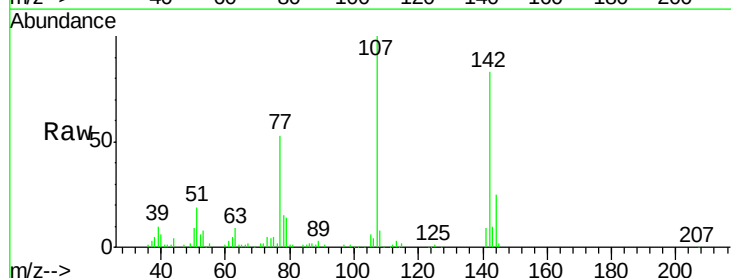
Tgt Ion: 107 Resp: 147003

Ion Ratio Lower Upper

107 100

144 25.5 21.4 32.2

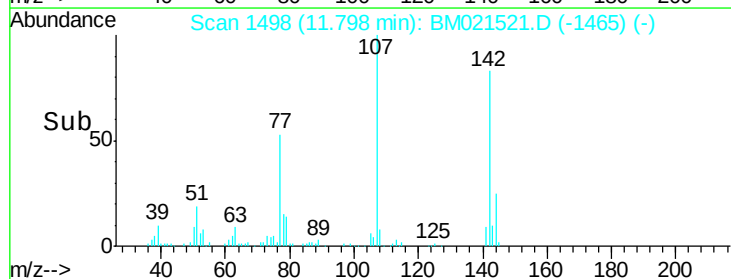
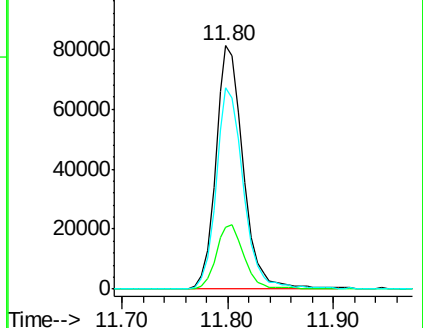
142 82.6 64.7 97.1

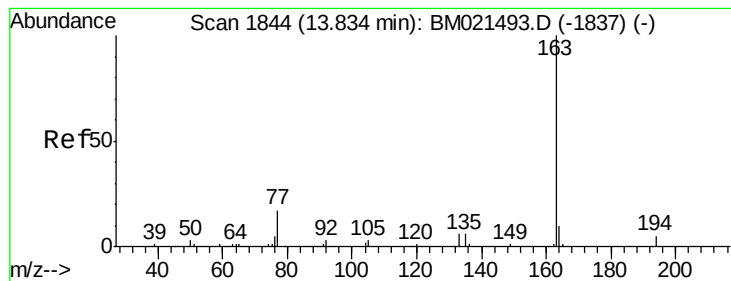


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 1.144 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM021521.D

Acq: 18 Jul 2019 11:47

Instrument :

BNA_M

ClientSampleId :

DB8Z4MS

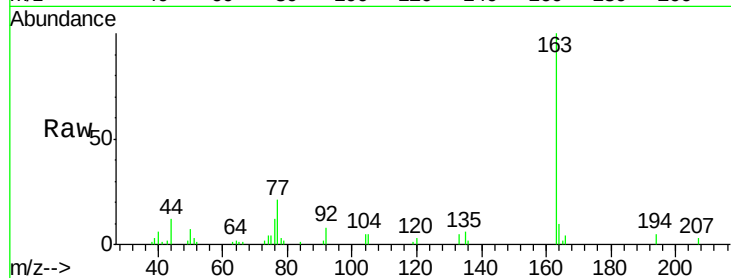
Tgt Ion:163 Resp: 34906

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

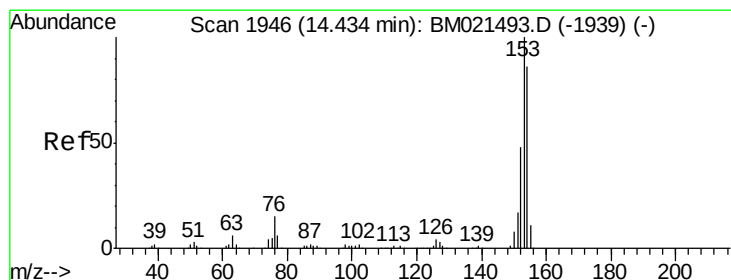
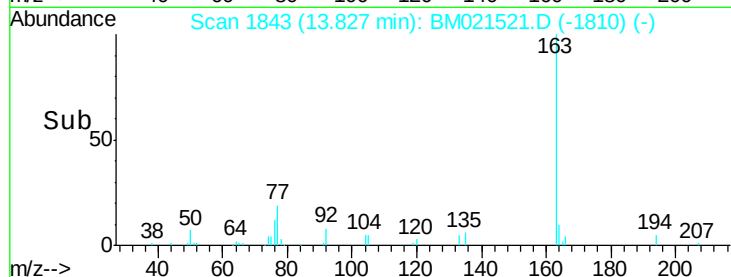
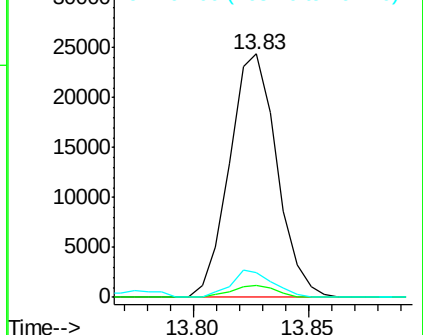
164 10.0 8.3 12.5



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: 15.742 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM021521.D

Acq: 18 Jul 2019 11:47

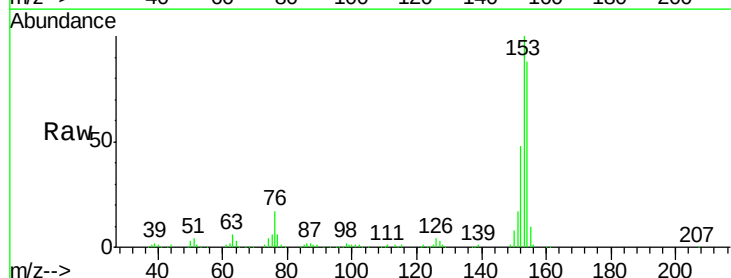
Tgt Ion:153 Resp: 409327

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

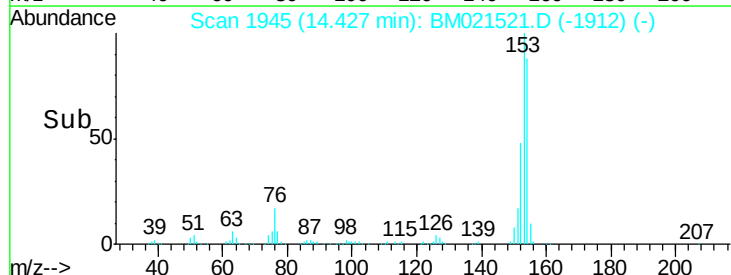
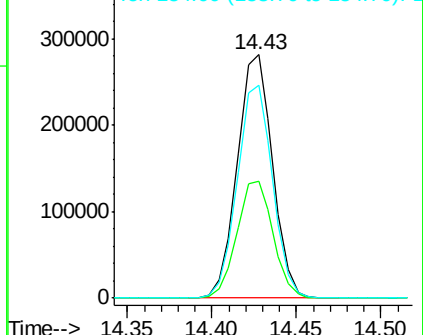
154 87.5 70.0 105.0

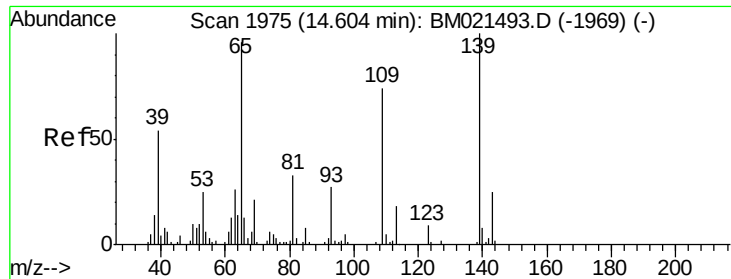


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

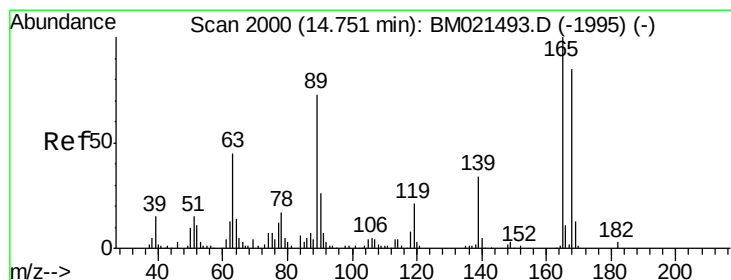
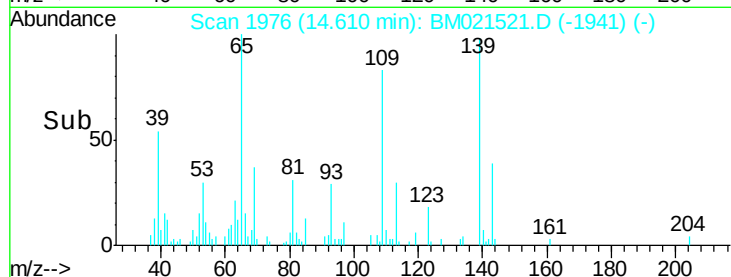
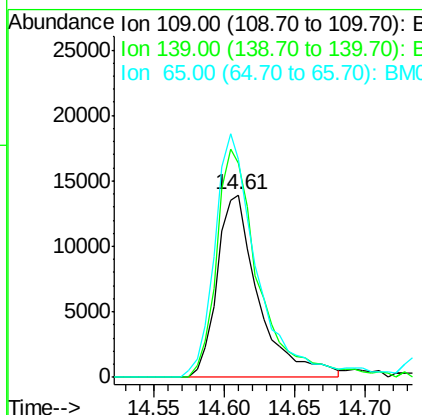
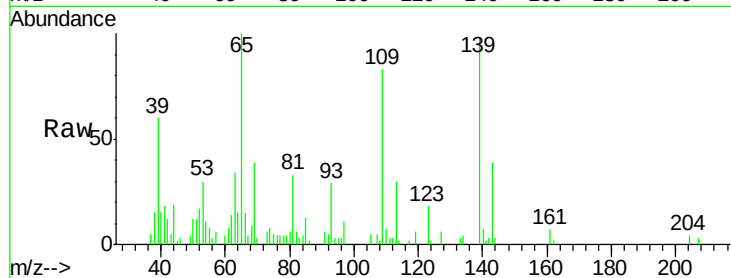




#52
4-Nitrophenol
Concen: 7.374 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM021521.D
Acq: 18 Jul 2019 11:47

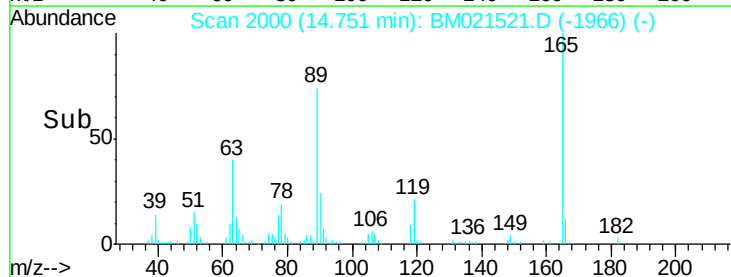
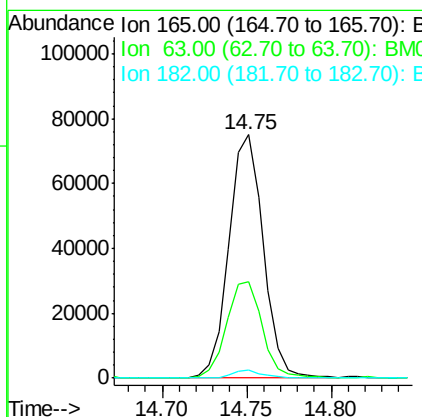
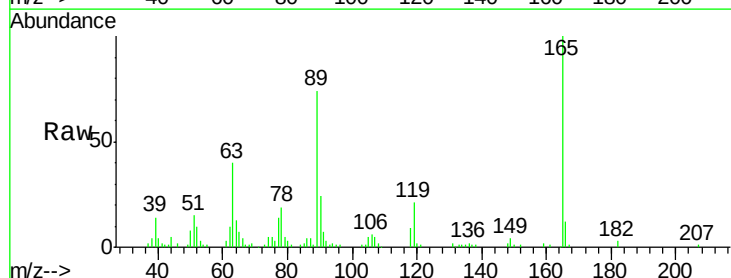
Instrument :
BNA_M
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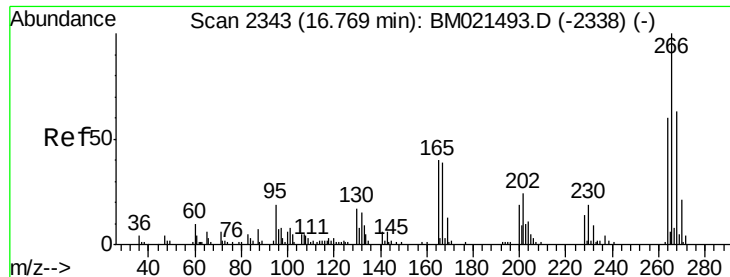
Tgt Ion:109 Resp: 28512
Ion Ratio Lower Upper
109 100
139 117.7 107.6 161.4
65 119.9 101.0 151.6



#54
2,4-Dinitrotoluene
Concen: 12.465 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM021521.D
Acq: 18 Jul 2019 11:47

Tgt Ion:165 Resp: 106190
Ion Ratio Lower Upper
165 100
63 39.8 33.1 49.7
182 3.1 2.2 3.4

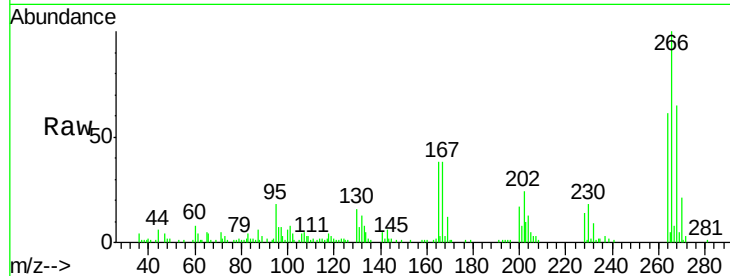




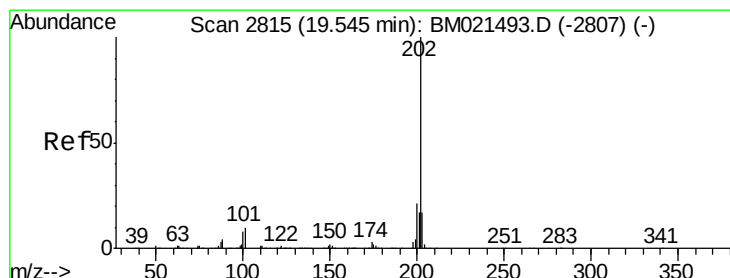
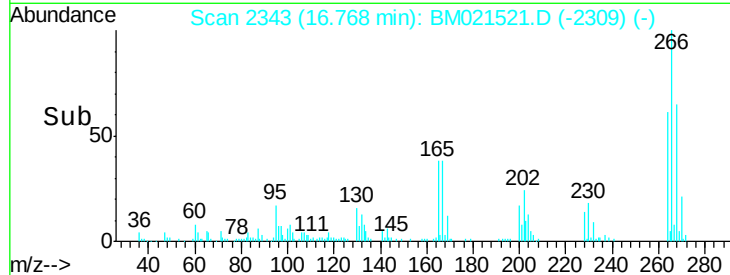
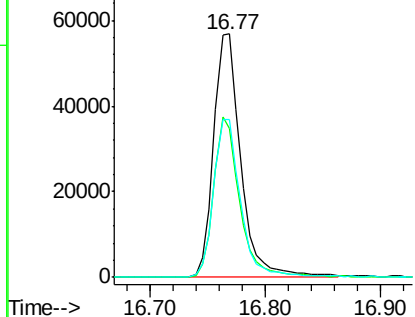
#68
 Pentachlorophenol
 Concen: 14.413 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM021521.D
 Acq: 18 Jul 2019 11:47

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MS

Tgt Ion:266 Resp: 93407
 Ion Ratio Lower Upper
 266 100
 264 61.2 49.2 73.8
 268 64.8 50.6 76.0

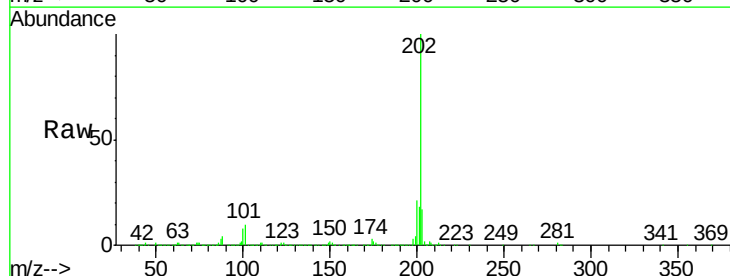


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 16.829 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BM021521.D
 Acq: 18 Jul 2019 11:47

Tgt Ion:202 Resp: 904543
 Ion Ratio Lower Upper
 202 100
 101 10.3 7.8 11.8
 100 8.3 6.4 9.6



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): B

