

Data File : BM021042.D
Acq On : 19 Jun 2019 19:16
Operator : HP/JU
Sample : K3213-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Quant Time: Jun 20 03:48:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	994307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	623060	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1397259	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1225906	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1352206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8314	1.73	ng/uL	0.00
5) Phenol-d5	6.95	99	150948	7.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	367808	31.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	436195	27.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	284731	17.18	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	274286	33.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	310827	34.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	559159	30.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	112	0.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	1975417	35.09	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2174914	31.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	56392	6.16	ng/ul	0.00
57) Fluorene-d10	15.42	176	1653152	33.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	261784	30.48	ng/ul	0.00
70) Anthracene-d10	17.27	188	2557081	35.22	ng/ul	0.00
78) Pyrene-d10	19.56	212	2753601	37.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	2489265	31.20	ng/ul	0.00

Target Compounds

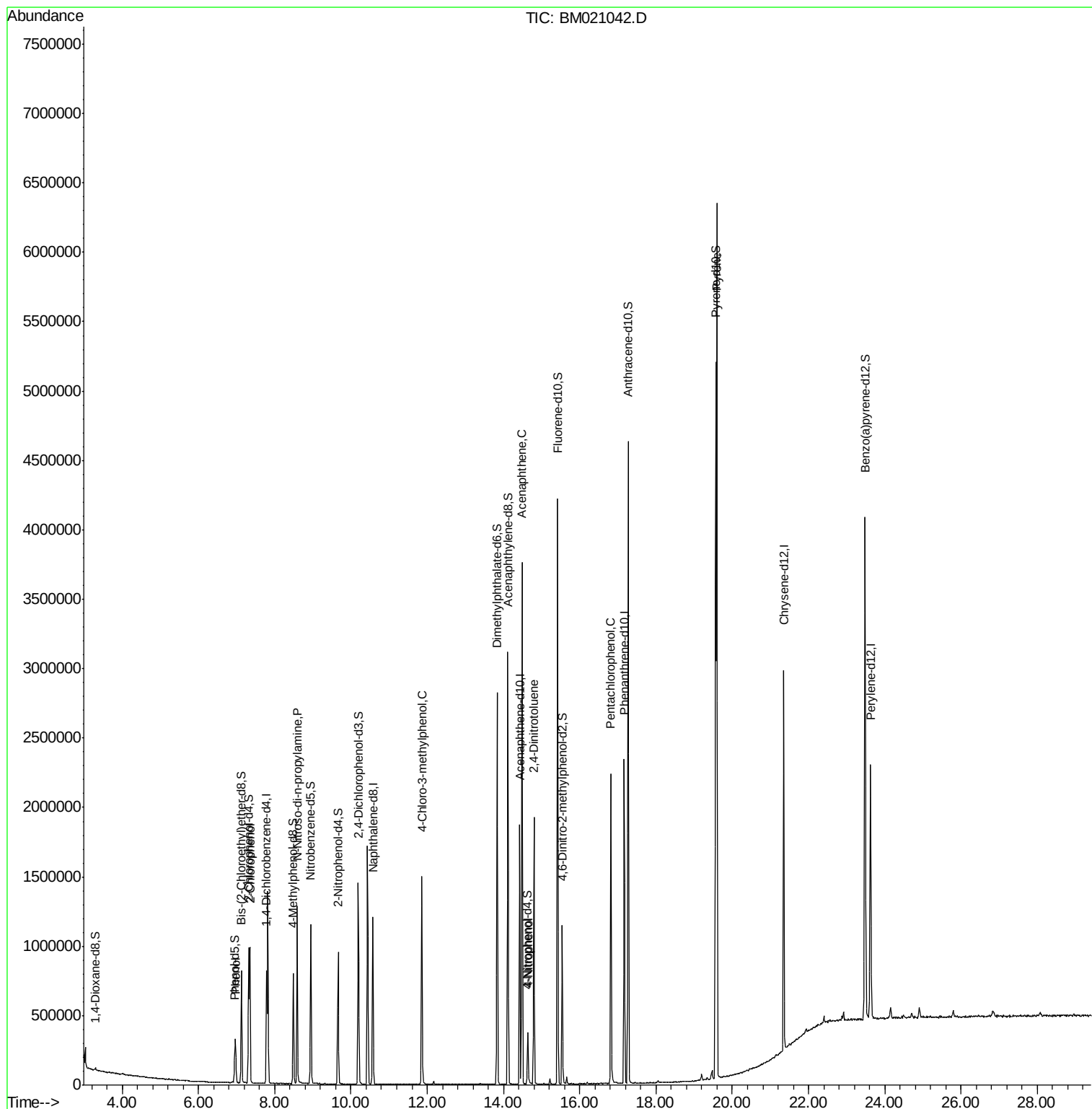
						Qvalue
6) Phenol	6.97	94	161730	8.612	ng/ul	98
10) 2-Chlorophenol	7.35	128	435689	28.659	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	475021	38.266	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	515132	30.456	ng/ul	98
49) Acenaphthene	14.49	153	1539953	35.600	ng/ul	99
52) 4-Nitrophenol	14.64	109	52273	7.717	ng/ul	93
54) 2,4-Dinitrotoluene	14.80	165	544784	38.381	ng/ul	99
68) Pentachlorophenol	16.82	266	413859	42.030	ng/ul	98
79) Pyrene	19.59	202	3597411	41.508	ng/ul	99

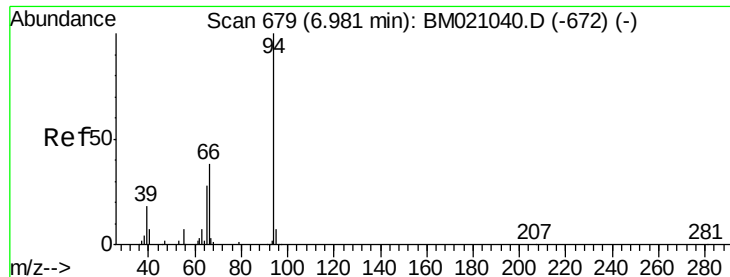
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.612 ng/ul

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

Instrument :

BNA_M

ClientSampleId :

DB8H8MSD

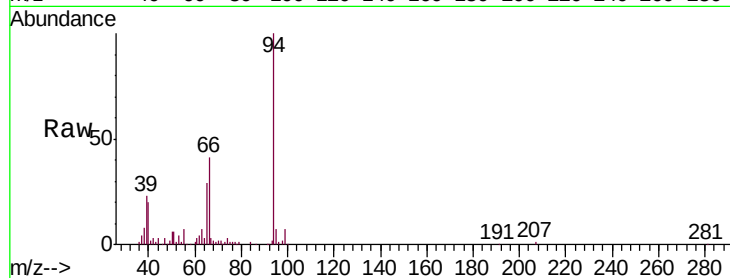
Tgt Ion: 94 Resp: 161730

Ion Ratio Lower Upper

94 100

65 28.7 22.6 34.0

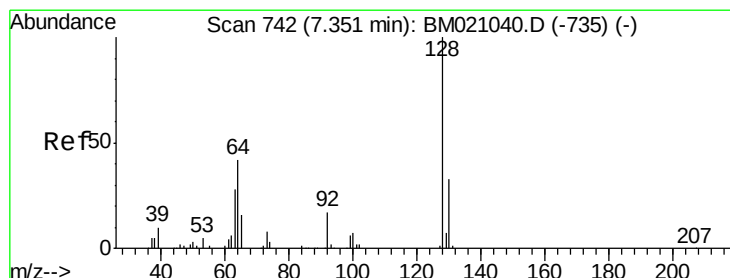
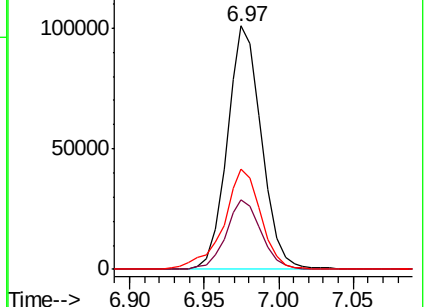
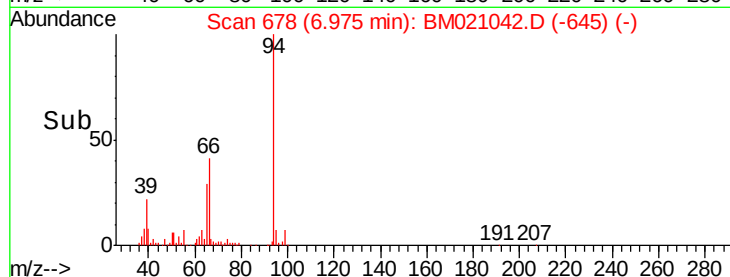
66 41.2 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021042.D (-672) (-)

Ion 65.00 (64.70 to 65.70): BM021042.D (-672) (-)

Ion 66.00 (65.70 to 66.70): BM021042.D (-672) (-)



#10

2-Chlorophenol

Concen: 28.659 ng/ul

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

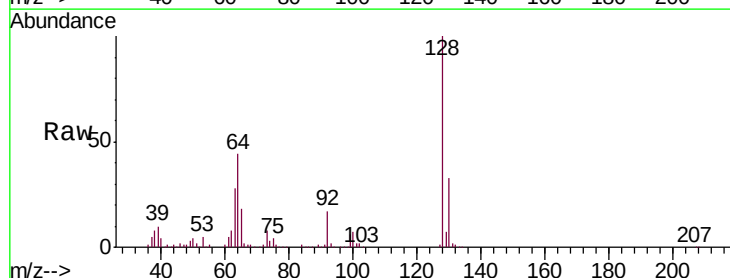
Tgt Ion: 128 Resp: 435689

Ion Ratio Lower Upper

128 100

64 43.9 34.2 51.4

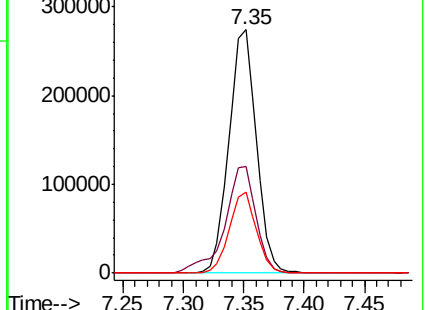
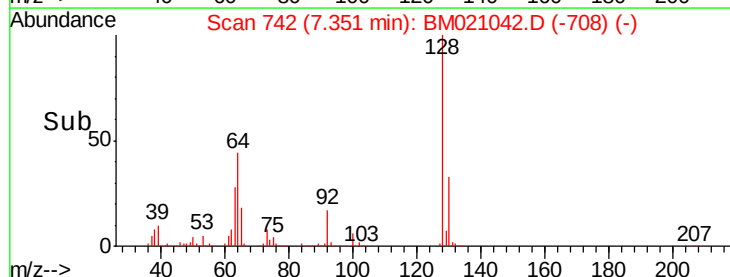
130 33.3 26.8 40.2

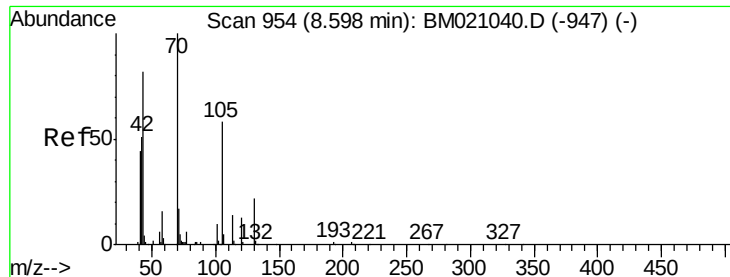


Abundance Ion 128.00 (127.70 to 128.70): BM021042.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM021042.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM021042.D (-735) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 38.266 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

Instrument :

BNA_M

ClientSampleId :

DB8H8MSD

Tgt Ion: 70 Resp: 475021

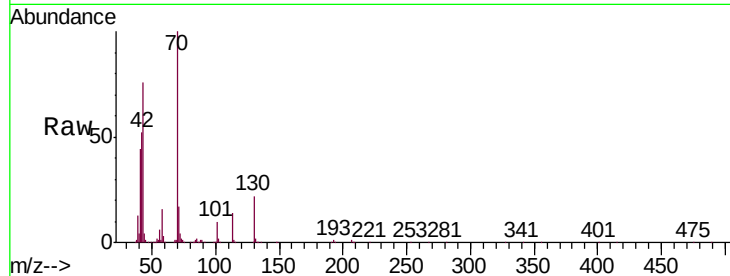
Ion Ratio Lower Upper

70 100

42 51.9 43.4 65.0

101 9.9 7.8 11.6

130 22.1 18.5 27.7

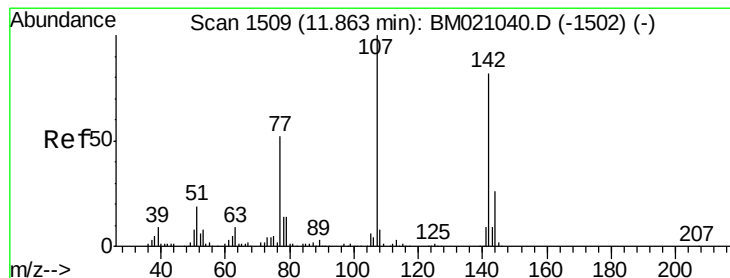
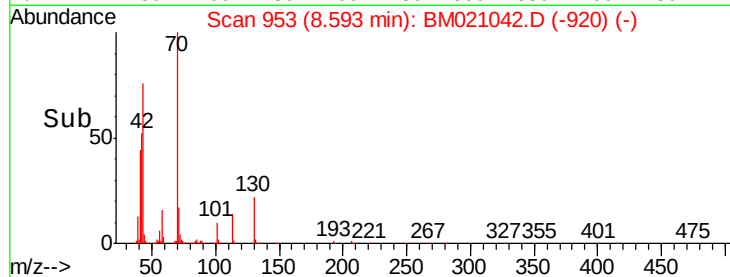
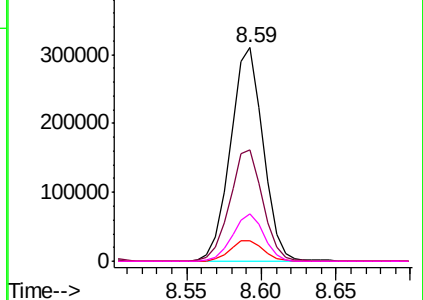


Abundance Ion 70.00 (69.70 to 70.70): BM021042.D (-947) (-)

Ion 42.00 (41.70 to 42.70): BM021042.D (-947) (-)

Ion 101.00 (100.70 to 101.70): BM021042.D (-947) (-)

Ion 130.00 (129.70 to 130.70): BM021042.D (-947) (-)



#33

4-Chloro-3-methylphenol

Concen: 30.456 ng/ul

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

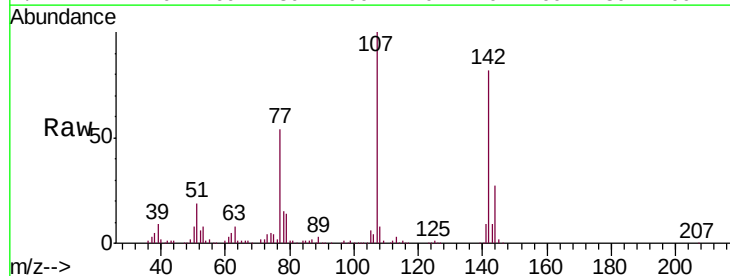
Tgt Ion: 107 Resp: 515132

Ion Ratio Lower Upper

107 100

144 26.7 21.0 31.4

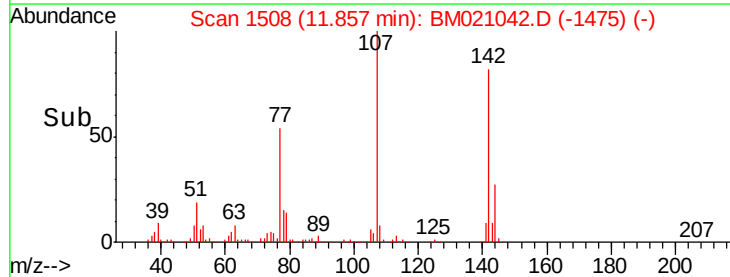
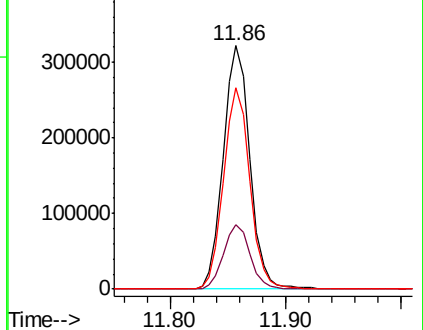
142 82.5 64.3 96.5

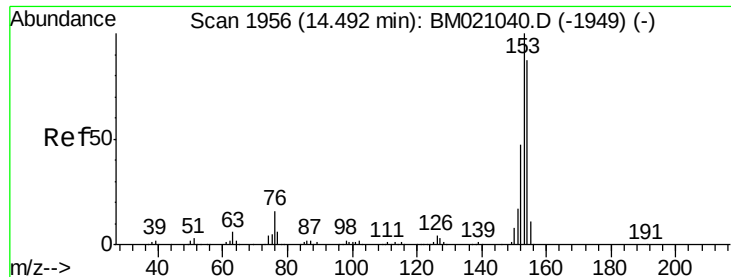


Abundance Ion 107.00 (106.70 to 107.70): BM021042.D (-1502) (-)

Ion 144.00 (143.70 to 144.70): BM021042.D (-1502) (-)

Ion 142.00 (141.70 to 142.70): BM021042.D (-1502) (-)





#49

Acenaphthene

Concen: 35.600 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

Instrument :

BNA_M

ClientSampleId :

DB8H8MSD

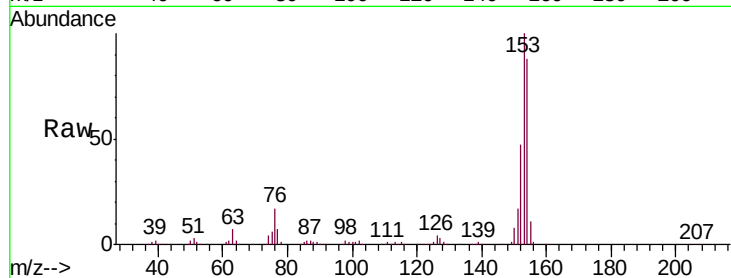
Tgt Ion:153 Resp: 1539953

Ion Ratio Lower Upper

153 100

152 47.4 37.3 55.9

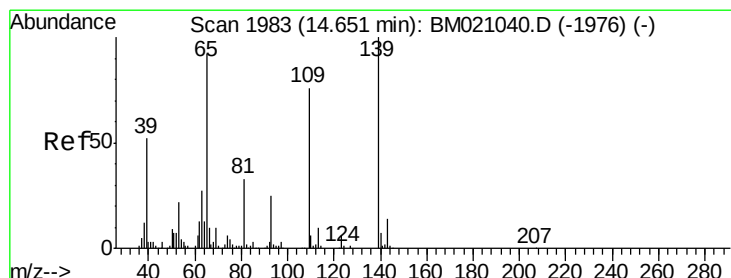
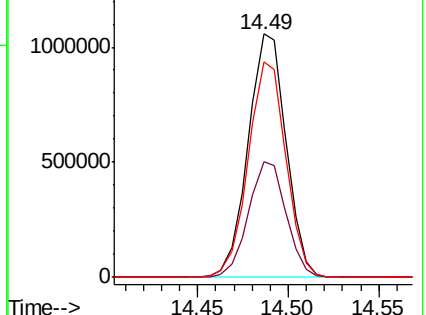
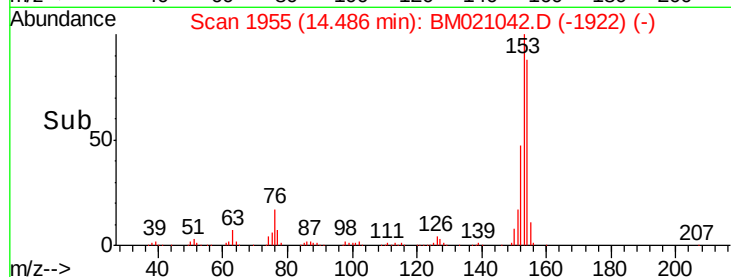
154 88.3 70.5 105.7



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: 7.717 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

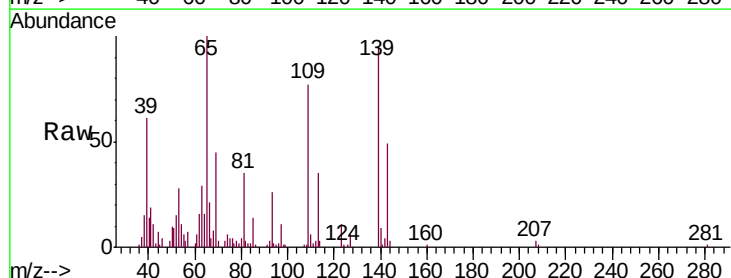
Tgt Ion:109 Resp: 52273

Ion Ratio Lower Upper

109 100

139 122.6 106.2 159.4

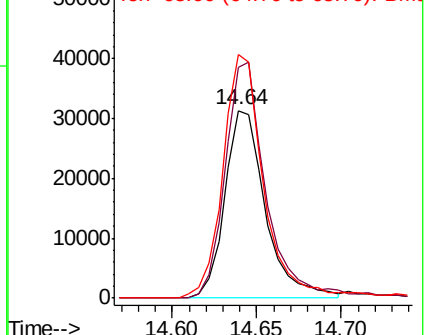
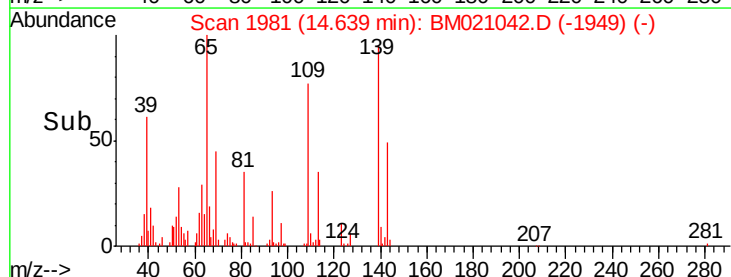
65 129.6 99.6 149.4

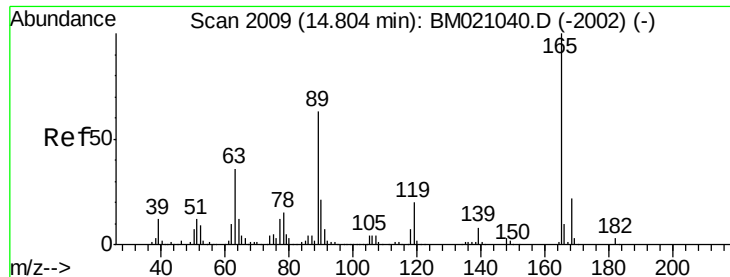


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

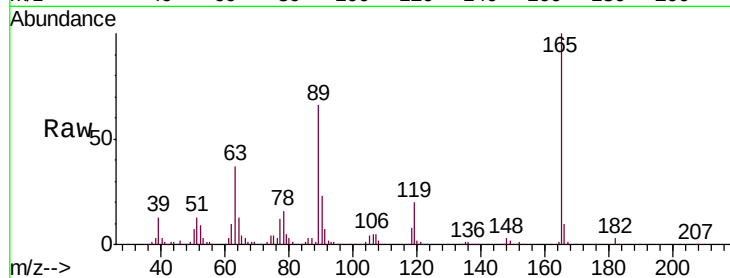




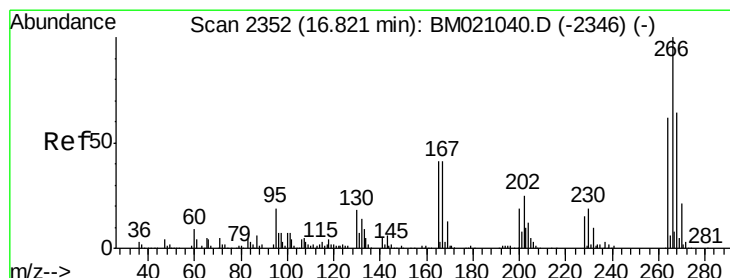
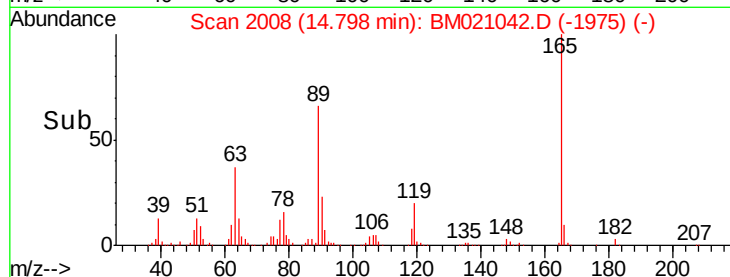
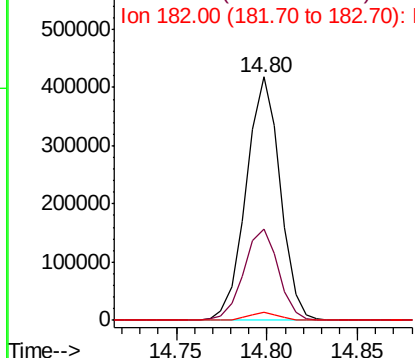
#54
2,4-Dinitrotoluene
Concen: 38.381 ng/ul
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Tgt Ion:165 Resp: 544784
Ion Ratio Lower Upper
165 100
63 37.4 29.4 44.0
182 3.1 2.1 3.1

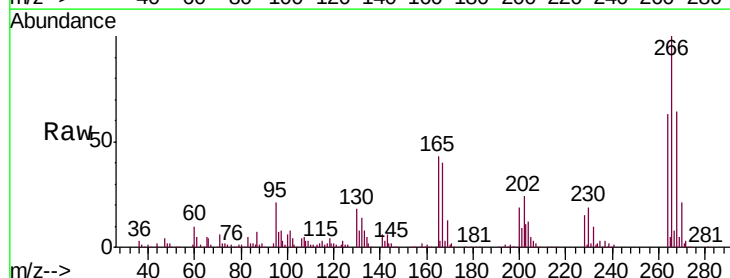


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

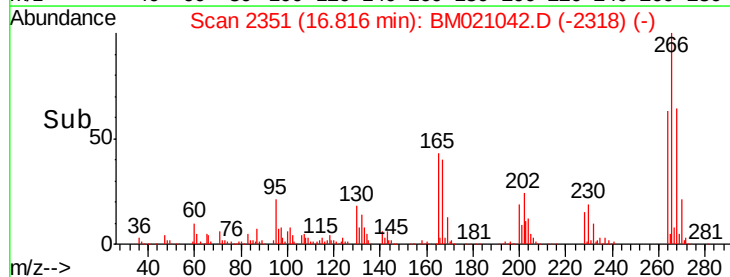
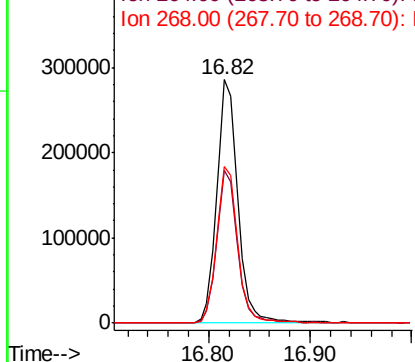


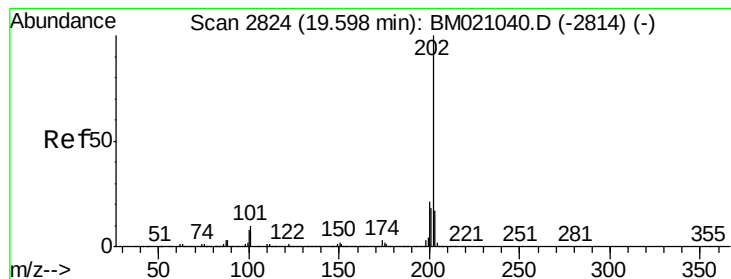
#68
Pentachlorophenol
Concen: 42.030 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Tgt Ion:266 Resp: 413859
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 64.5 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: 41.508 ng/ul

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM021042.D

Acq: 19 Jun 2019 19:16

Instrument :

BNA_M

ClientSampleId :

DB8H8MSD

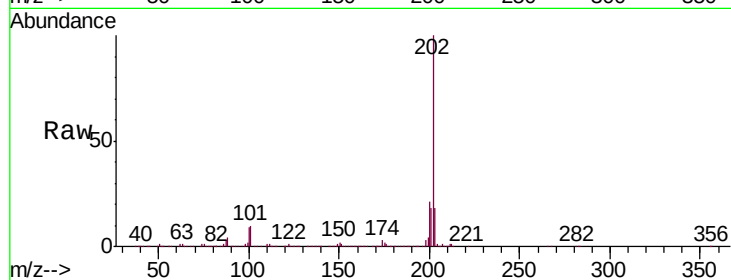
Tgt Ion:202 Resp: 3597411

Ion Ratio Lower Upper

202 100

101 10.3 8.1 12.1

100 8.9 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): B

