

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
 Data File : BM021620.D
 Acq On : 23 Jul 2019 20:49
 Operator : HP/JU
 Sample : K3890-07MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52J2MS

Quant Time: Jul 24 01:42:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	87781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	397609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	292715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	735153	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	909997	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1148095	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	12577	7.81	ng/uL	0.00
5) Phenol-d5	6.88	99	64631	8.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	146059	33.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	167840	28.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	121721	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	107123	36.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	115918	36.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	228853	32.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	30372	4.45	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	944469	37.66	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1011207	33.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	23510	5.46	ng/ul	0.01
57) Fluorene-d10	15.35	176	818840	36.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	120202	26.11	ng/ul	0.00
70) Anthracene-d10	17.20	188	1447425	40.02	ng/ul	0.00
78) Pyrene-d10	19.50	212	1834480	41.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	2434692	39.72	ng/ul	0.00

Target Compounds

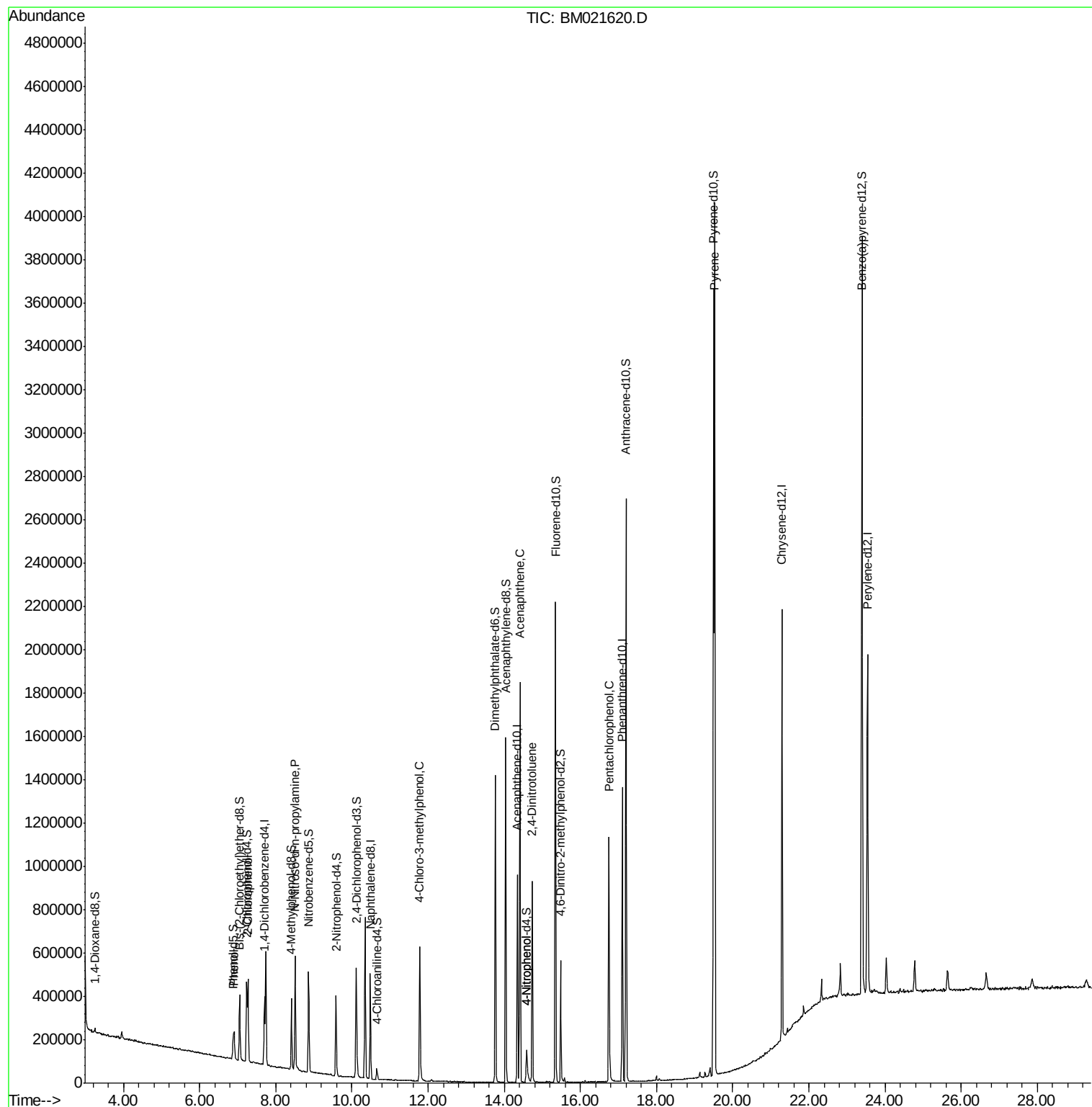
					Ovalue
6) Phenol	6.90	94	67645	9.444	ng/ul 97
10) 2-Chlorophenol	7.27	128	168600	29.940	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.51	70	190849	40.643	ng/ul 98
33) 4-Chloro-3-methylphenol	11.78	107	244524	34.824	ng/ul 99
49) Acenaphthene	14.41	153	720590	36.296	ng/ul 98
52) 4-Nitrophenol	14.59	109	24272	7.142	ng/ul 95
54) 2,4-Dinitrotoluene	14.74	165	265094	39.085	ng/ul# 85
68) Pentachlorophenol	16.75	266	228829	39.953	ng/ul 98
79) Pvrene	19.53	202	2391312	44.114	ng/ul 99

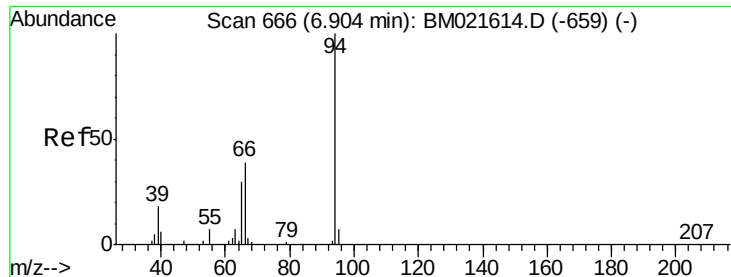
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 9.444 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

Instrument :

BNA_M

ClientSampled :

A52J2MS

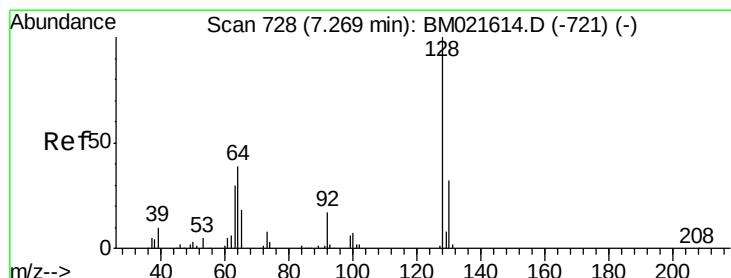
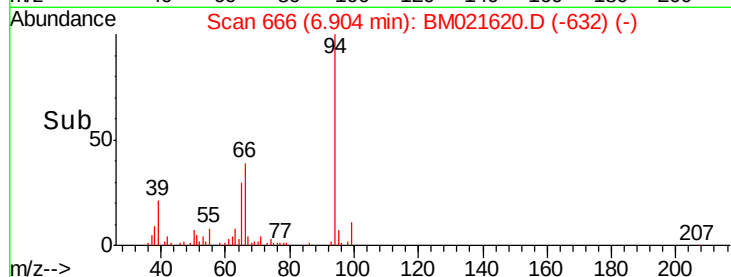
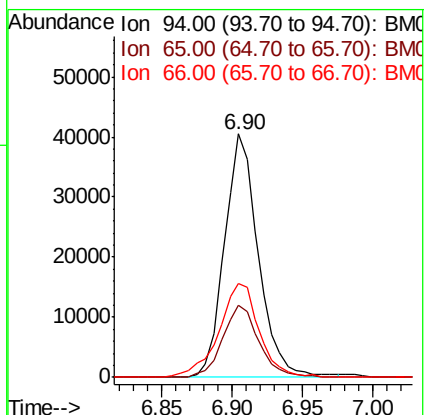
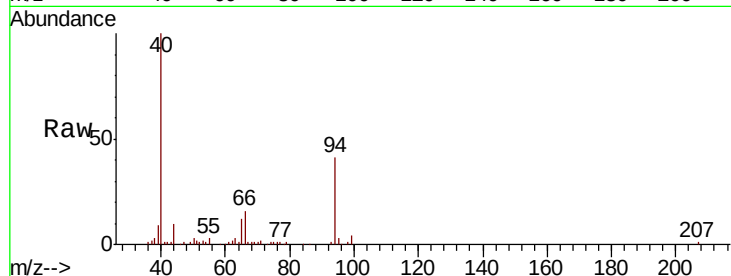
Tot Ion: 94 Resp: 67645

Ion Ratio Lower Upper

94 100

65 29.8 23.3 34.9

66 38.6 33.2 49.8



#10

2-Chlorophenol

Concen: 29.940 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. 0.00 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

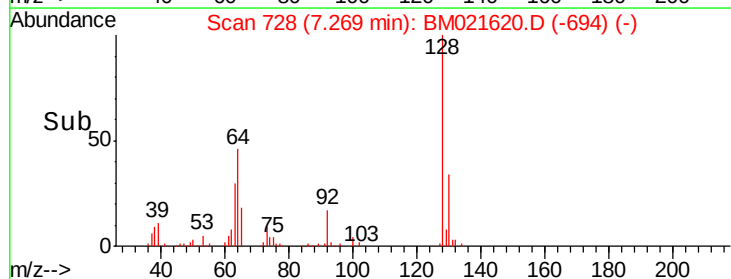
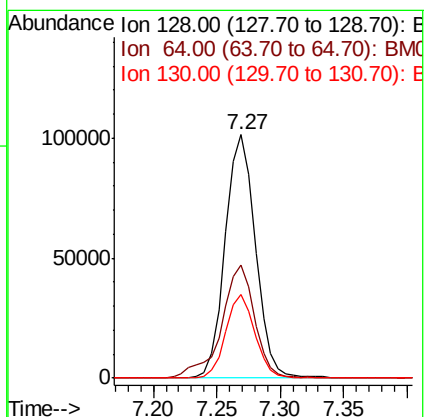
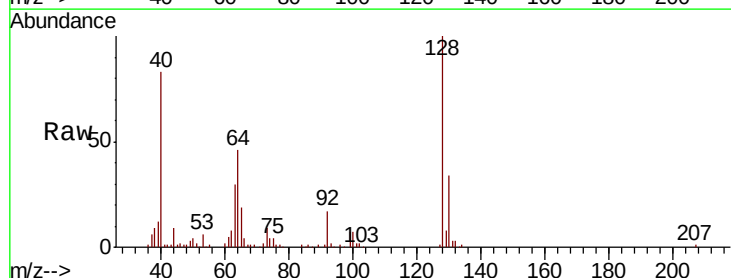
Tgt Ion: 128 Resp: 168600

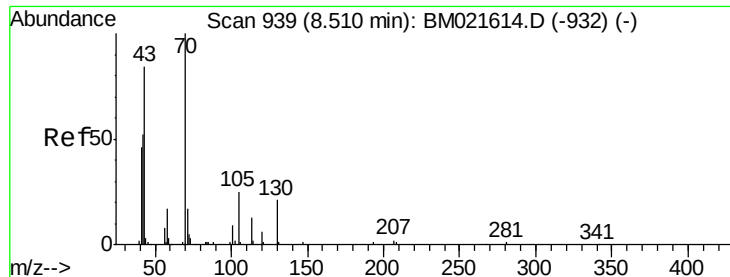
Ion Ratio Lower Upper

128 100

64 46.2 35.2 52.8

130 34.2 24.7 37.1





#15

N-Nitroso-di-n-propylamine

Concen: 40.643 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

Instrument :

BNA_M

ClientSampleId :

A52J2MS

Tot Ion: 70 Resp: 190849

Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.2	63.2
101	9.2	7.6	11.4
130	20.2	16.7	25.1

70 100

42 54.1 42.2 63.2

101 9.2 7.6 11.4

130 20.2 16.7 25.1

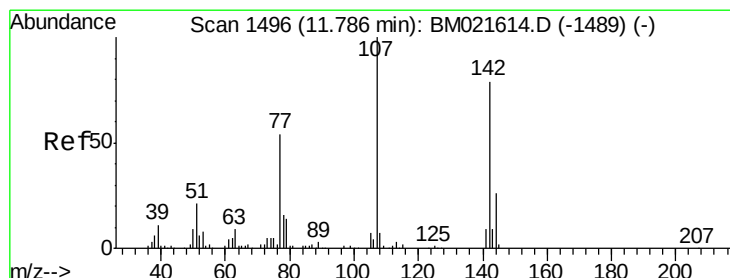
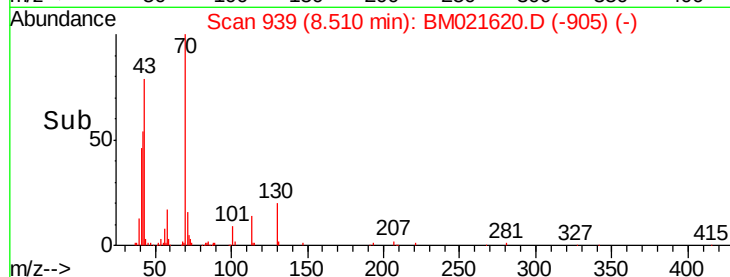
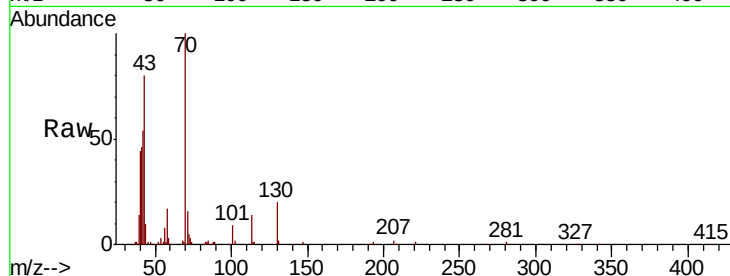
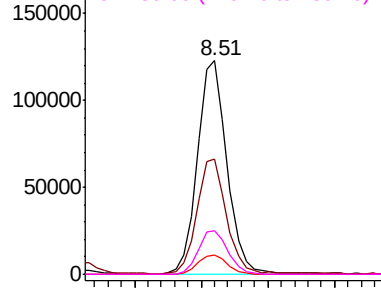
Abundance

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: 34.824 ng/ul

RT: 11.78 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

Tgt Ion: 107 Resp: 244524

Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.4
142	79.2	64.4	96.6

107 100

144 26.4 21.0 31.4

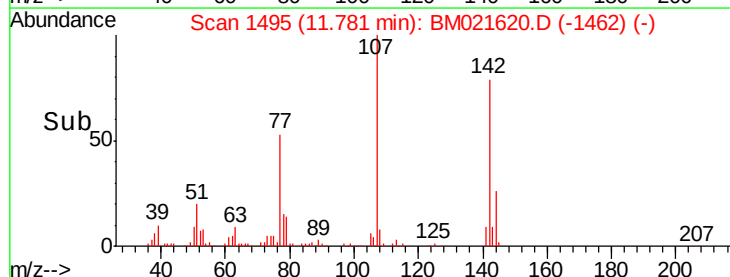
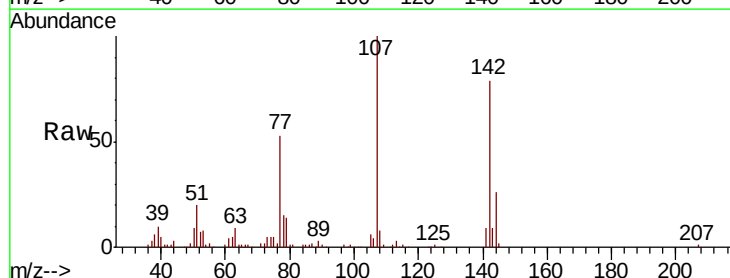
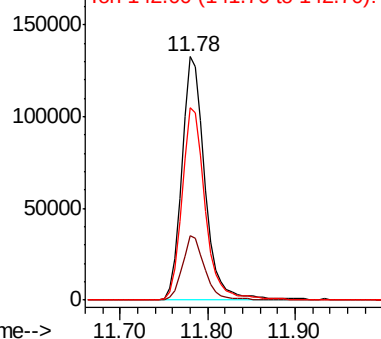
142 79.2 64.4 96.6

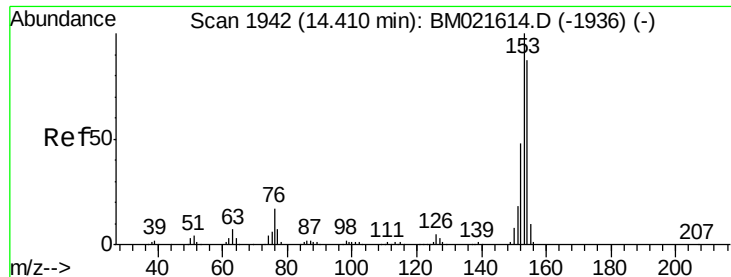
Abundance

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





#49

Acenaphthene

Concen: 36.296 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

Instrument :

BNA_M

ClientSampleId :

A52J2MS

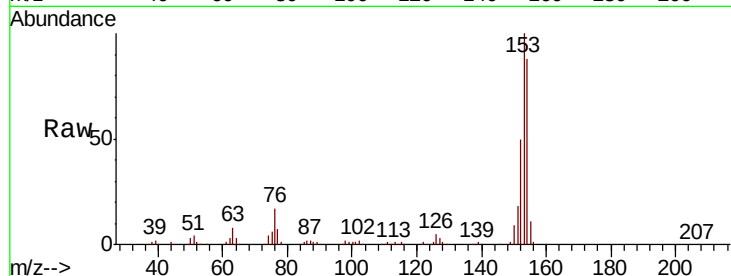
Tot Ion:153 Resp: 720590

Ion Ratio Lower Upper

153 100

152 49.8 38.6 57.8

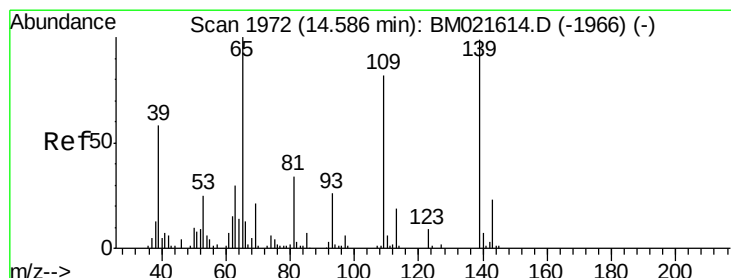
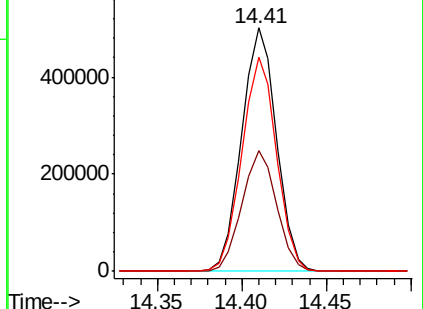
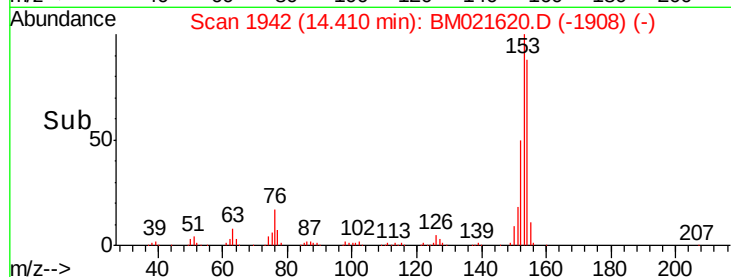
154 88.2 69.0 103.4



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: 7.142 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

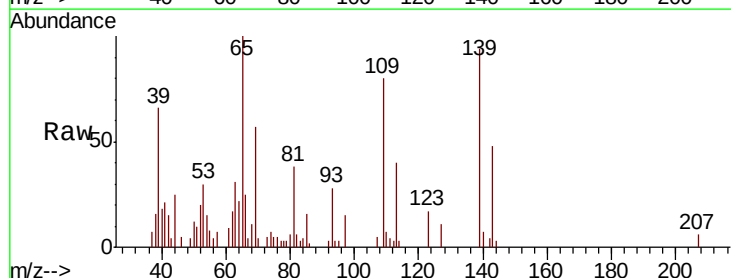
Tgt Ion:109 Resp: 24272

Ion Ratio Lower Upper

109 100

139 117.9 98.8 148.2

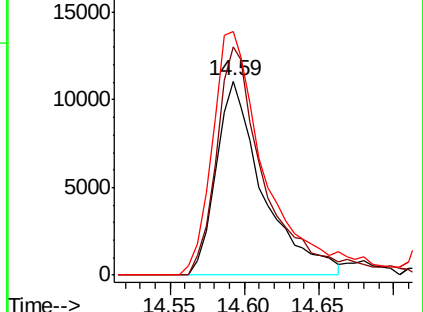
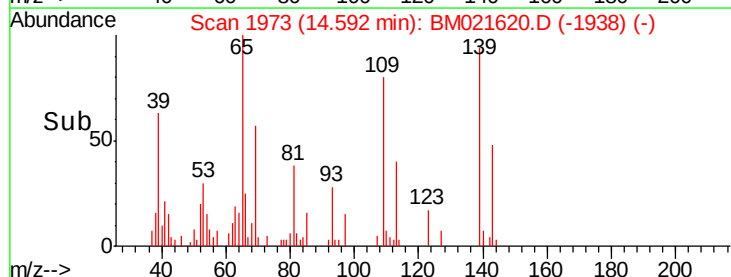
65 125.5 105.1 157.7

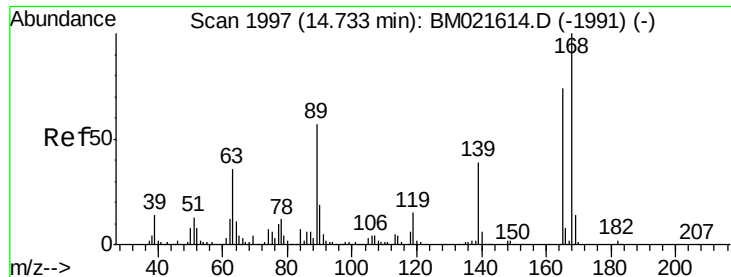


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

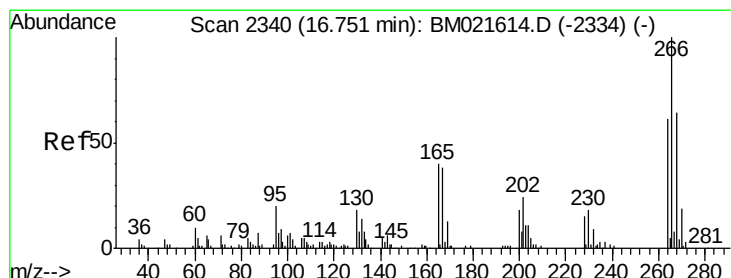
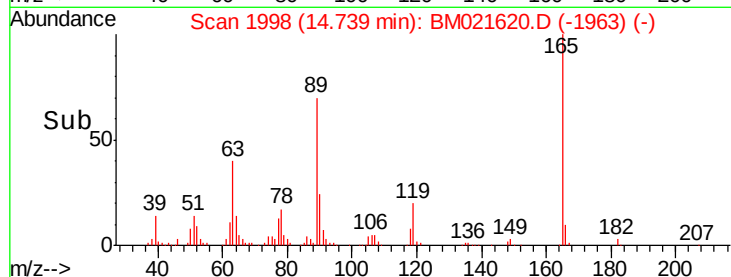
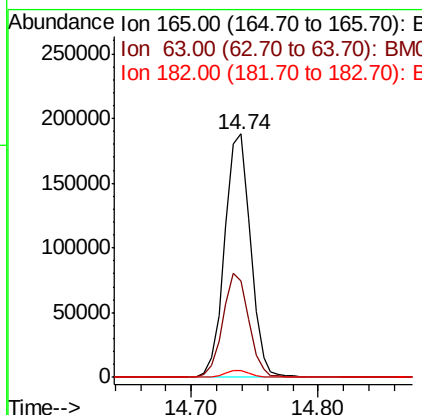
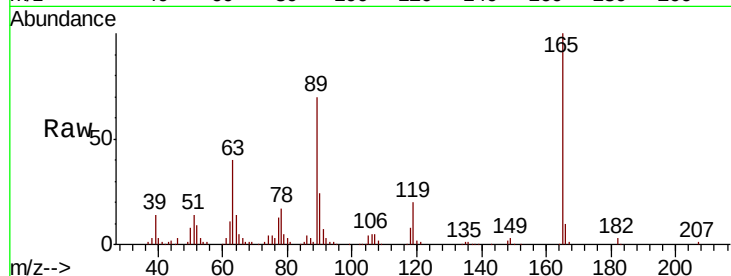




#54
 2,4-Dinitrotoluene
 Concen: 39.085 ng/ul
 RT: 14.74 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BM021620.D
 Acq: 23 Jul 2019 20:49

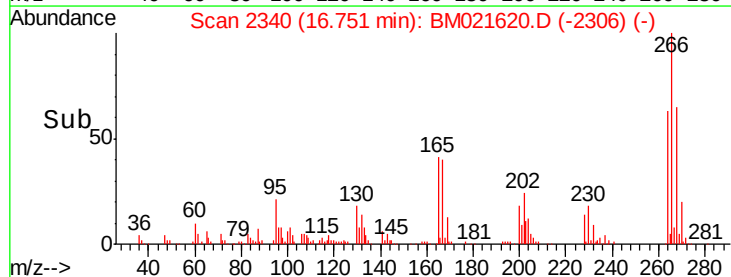
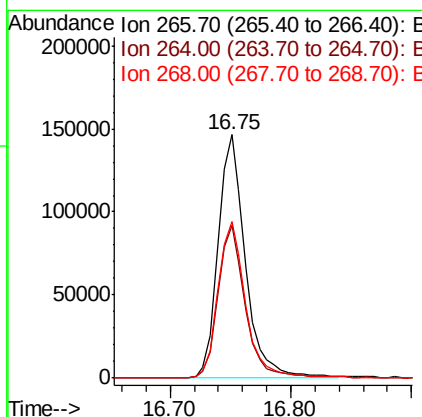
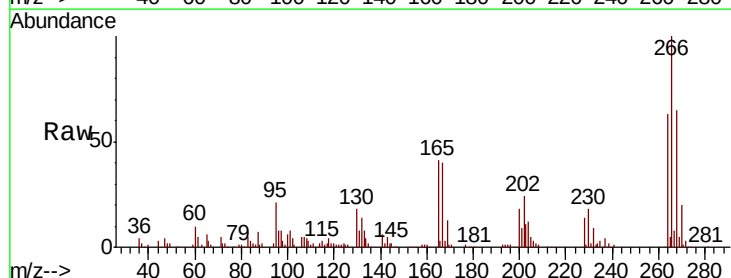
Instrument :
 BNA_M
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 A52J2MS

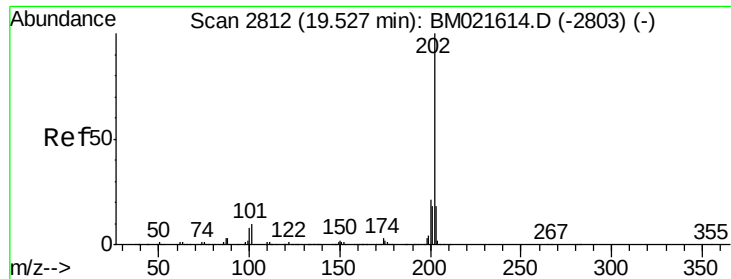
Tot Ion:165 Resp: 265094
 Ion Ratio Lower Upper
 165 100
 63 39.9 40.4 60.6#
 182 3.0 2.2 3.2



#68
 Pentachlorophenol
 Concen: 39.953 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BM021620.D
 Acq: 23 Jul 2019 20:49

Tgt Ion:266 Resp: 228829
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.9 76.3
 268 64.6 49.7 74.5





#79

Pvrene

Concen: 44.114 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM021620.D

Acq: 23 Jul 2019 20:49

Instrument :

BNA_M

ClientSampleId :

A52J2MS

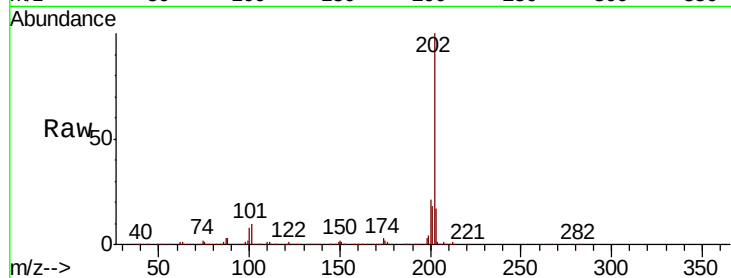
Tot Ion:202 Resp: 2391312

Ion Ratio Lower Upper

202 100

101 10.2 8.6 13.0

100 8.4 7.1 10.7



Abundance Ion 202.00 (201.70 to 202.70): E

2500000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

