

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081020\
 Data File : BM027024.D
 Acq On : 10 Aug 2020 14:39
 Operator : JU/CG
 Sample : SP5221
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5221

Quant Time: Aug 10 15:24:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 03:56:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	102017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	398965	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	272315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	633963	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	692024	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	657536	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

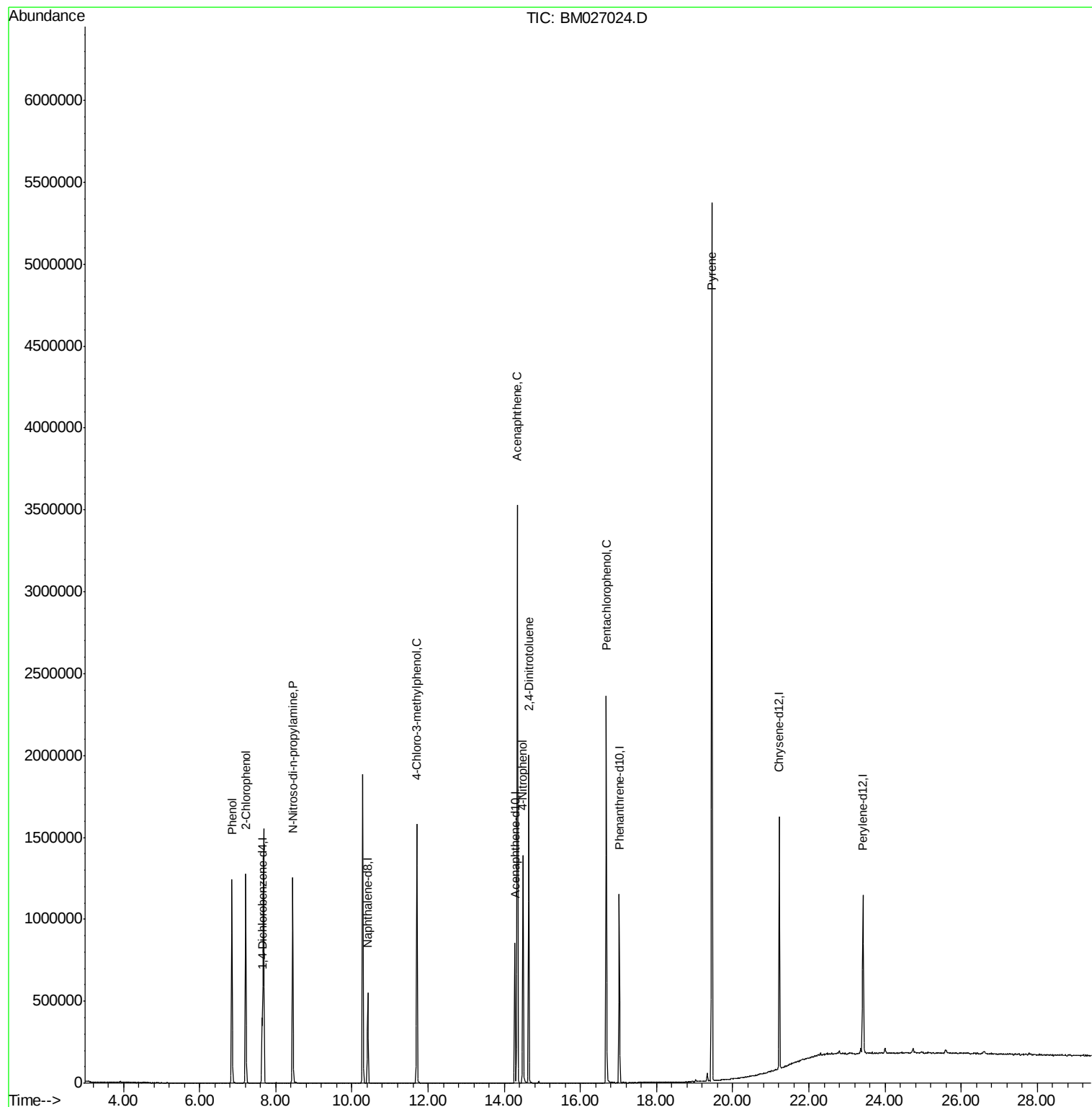
					Ovalue	
6) Phenol	6.85	94	611895	73.157	ng/ul	98
10) 2-Chlorophenol	7.21	128	467936	71.562	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	523650	86.843	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	472688	64.595	ng/ul	99
50) Acenaphthene	14.34	153	1301886	69.826	ng/ul	97
53) 4-Nitrophenol	14.49	109	284930	72.997	ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	492467	78.262	ng/ul#	95
69) Pentachlorophenol	16.68	266	374579	72.686	ng/ul	97
80) Pvrene	19.46	202	3316721	70.610	ng/ul	98

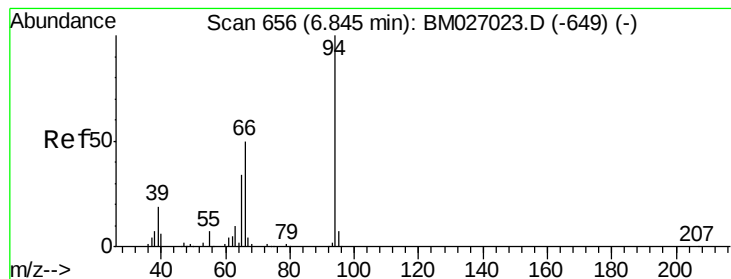
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 73.157 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM027024.D

Acq: 10 Aug 2020 14:39

Instrument :

BNA_M

ClientSampleId :

SP5221

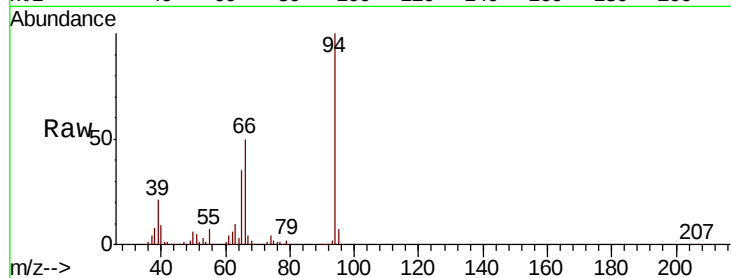
Tot Ion: 94 Resp: 611895

Ion Ratio Lower Upper

94 100

65 35.1 28.6 43.0

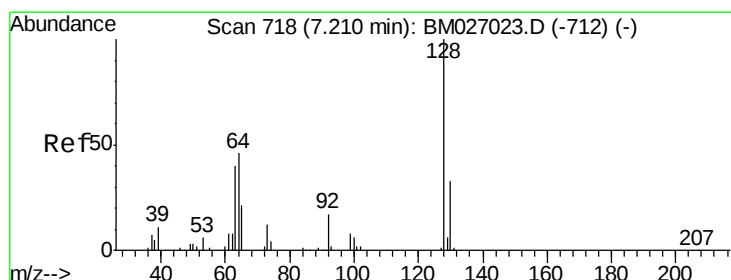
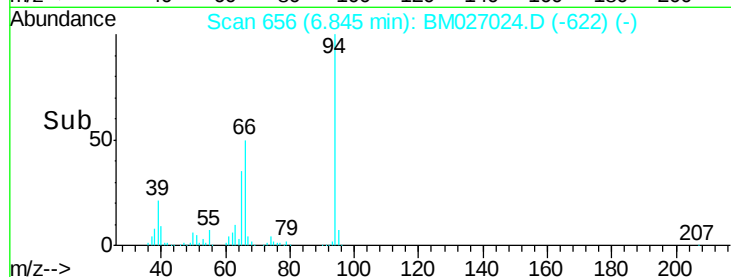
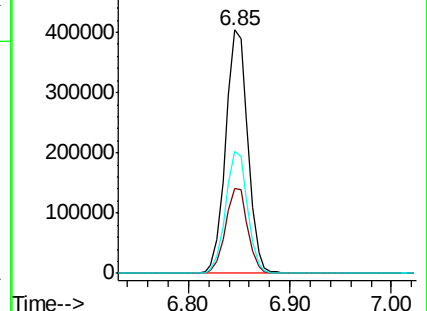
66 50.1 41.3 61.9



Abundance Ion 94.00 (93.70 to 94.70): BM027023.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM027023.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM027023.D (-649) (-)



#10

2-Chlorophenol

Concen: 71.562 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM027024.D

Acq: 10 Aug 2020 14:39

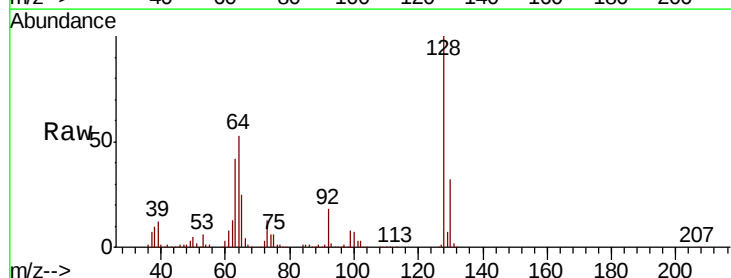
Tgt Ion: 128 Resp: 467936

Ion Ratio Lower Upper

128 100

64 52.5 39.4 59.2

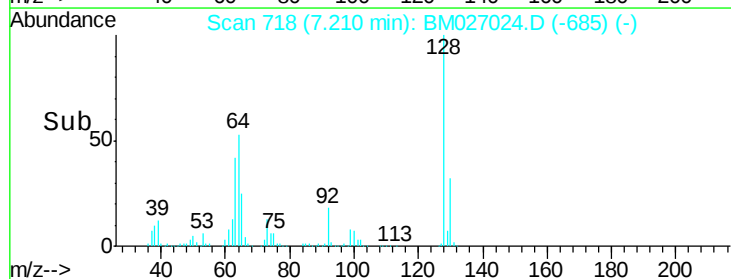
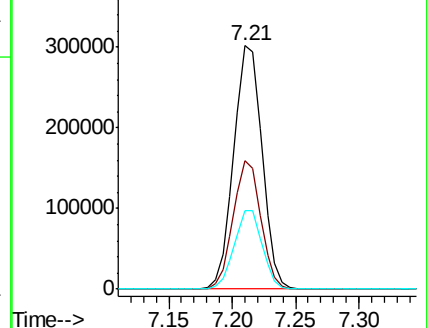
130 32.3 25.4 38.2

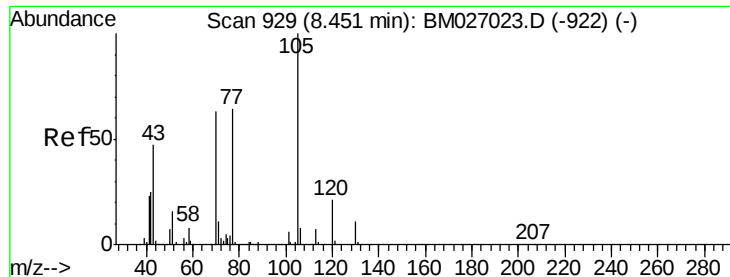


Abundance Ion 128.00 (127.70 to 128.70): BM027023.D (-712) (-)

Ion 64.00 (63.70 to 64.70): BM027023.D (-712) (-)

Ion 130.00 (129.70 to 130.70): BM027023.D (-712) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 86.843 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM027024.D

Acq: 10 Aug 2020 14:39

Instrument :

BNA_M

ClientSampleId :

SP5221

Tot Ion: 70 Resp: 523650

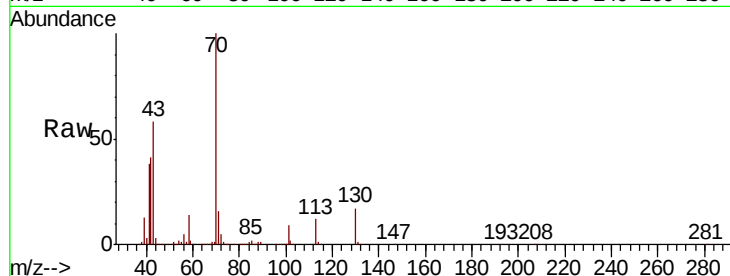
Ion Ratio Lower Upper

70 100

42 41.1 34.2 51.2

101 8.8 6.8 10.2

130 16.9 15.1 22.7

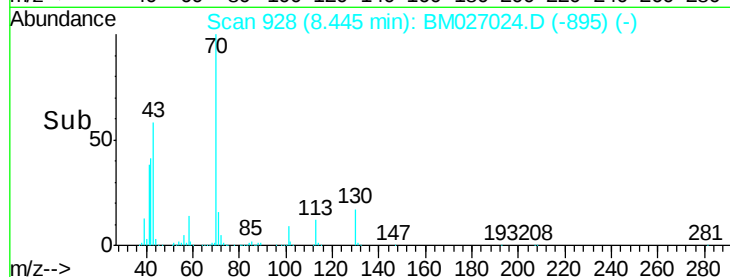


Abundance Ion 70.00 (69.70 to 70.70): BM0

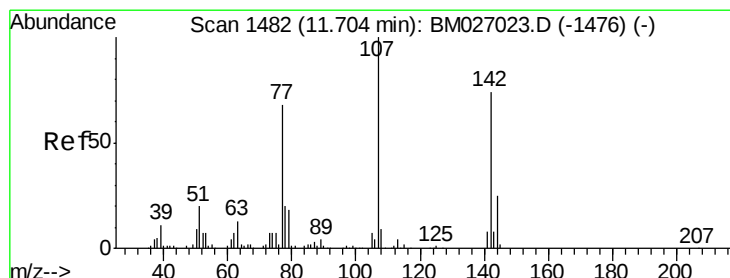
Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#33

4-Chloro-3-methylphenol

Concen: 64.595 ng/ul

RT: 11.70 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM027024.D

Acq: 10 Aug 2020 14:39

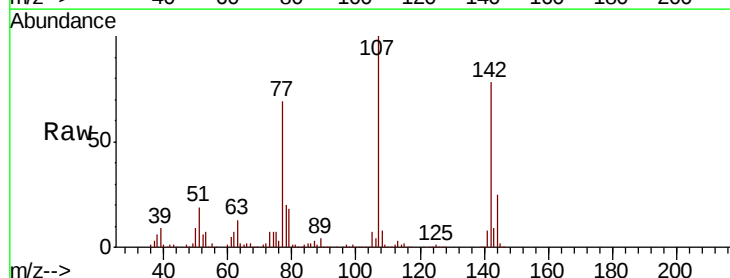
Tgt Ion:107 Resp: 472688

Ion Ratio Lower Upper

107 100

144 25.0 20.7 31.1

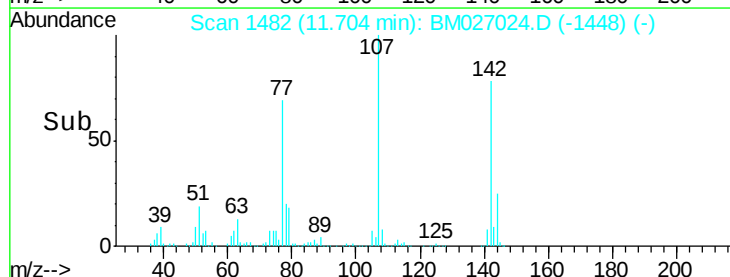
142 77.6 62.6 94.0



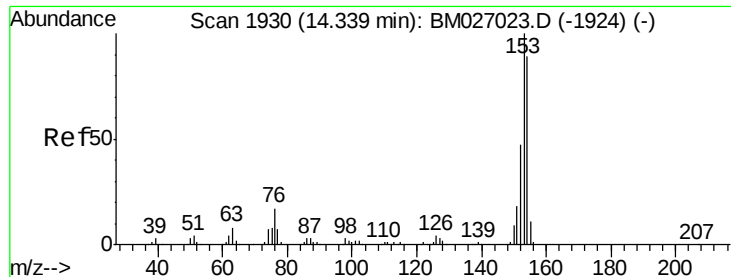
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->



#50

Acenaphthene

Concen: 69.826 ng/ul

RT: 14.34 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BM027024.D

Acq: 10 Aug 2020 14:39

Instrument :

BNA_M

ClientSampleId :

SP5221

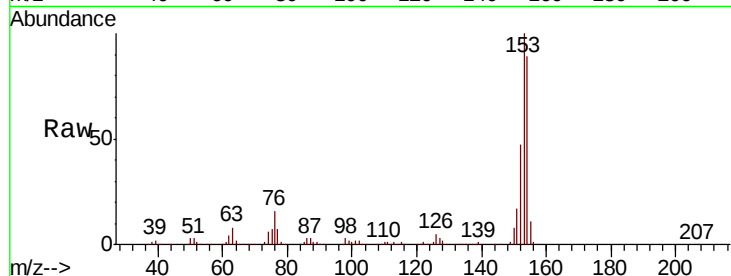
Tot Ion:153 Resp: 1301886

Ion Ratio Lower Upper

153 100

152 47.2 35.9 53.9

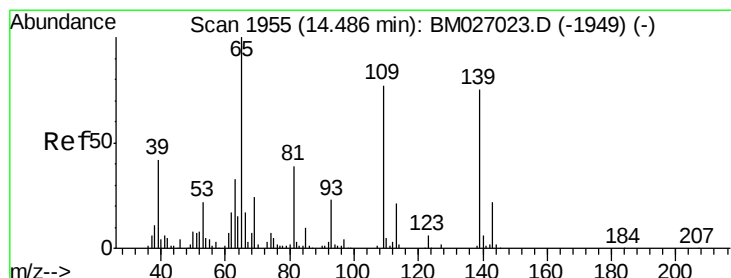
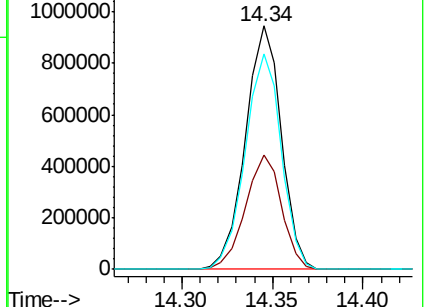
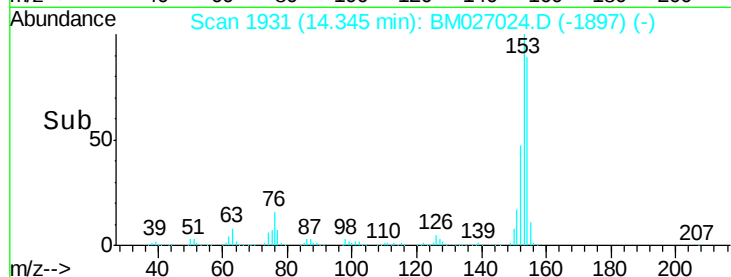
154 88.7 69.4 104.0



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



#53

4-Nitrophenol

Concen: 72.997 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM027024.D

Acq: 10 Aug 2020 14:39

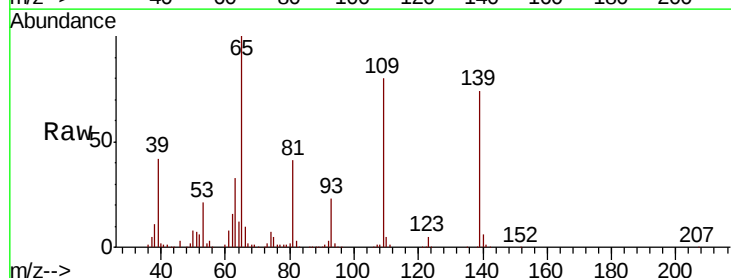
Tgt Ion:109 Resp: 284930

Ion Ratio Lower Upper

109 100

139 93.1 77.4 116.2

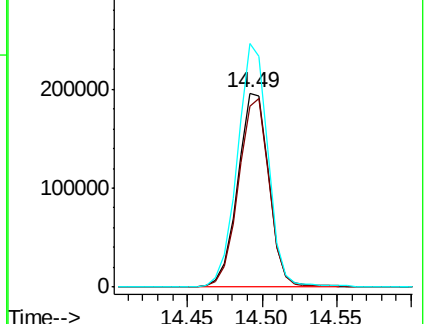
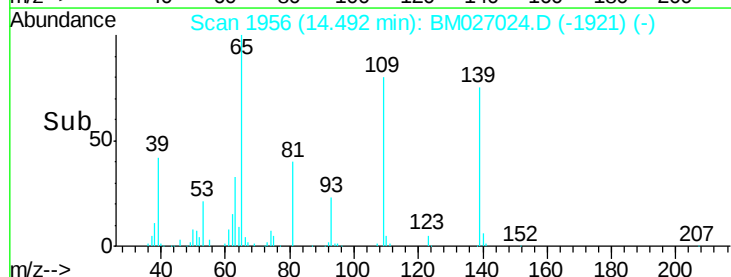
65 125.4 100.6 150.8

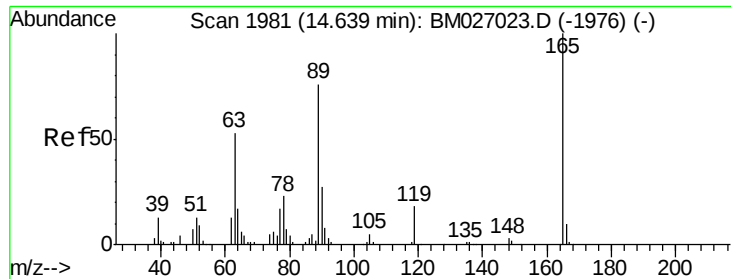


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

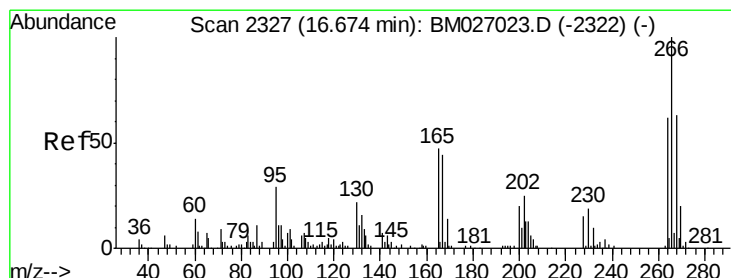
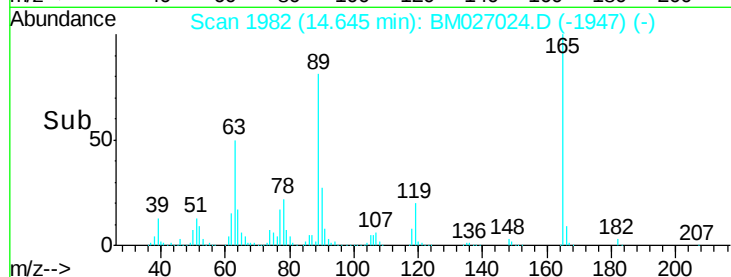
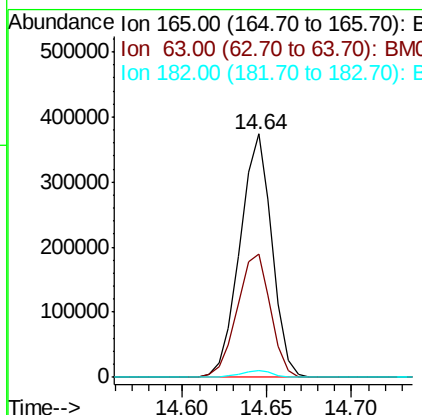
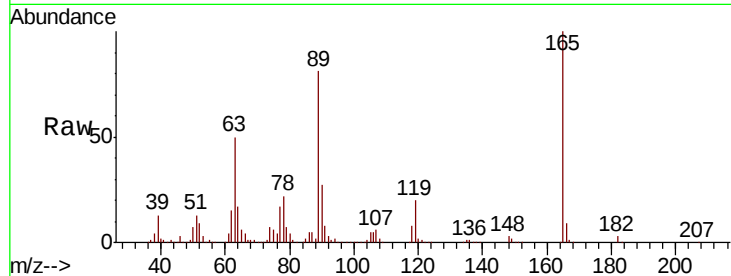




#55
 2,4-Dinitrotoluene
 Concen: 78.262 ng/ul
 RT: 14.64 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BM027024.D
 Acq: 10 Aug 2020 14:39

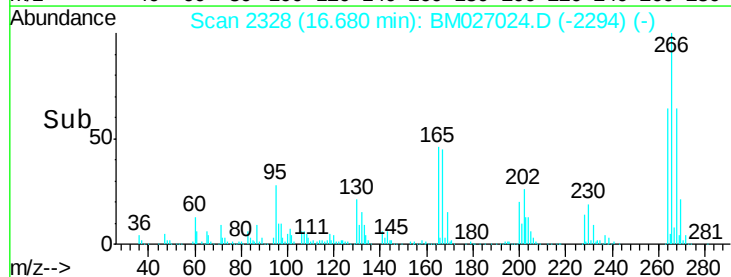
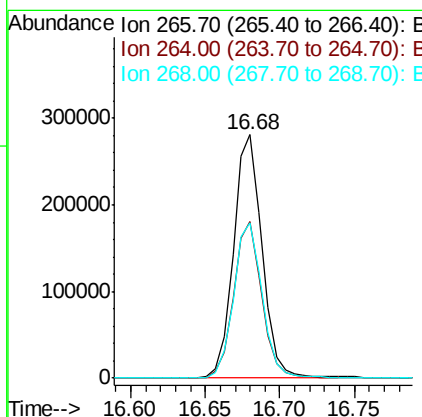
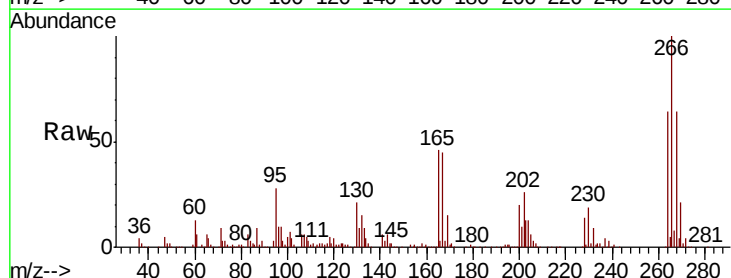
Instrument :
 BNA_M
 ClientSampled :
 SP5221

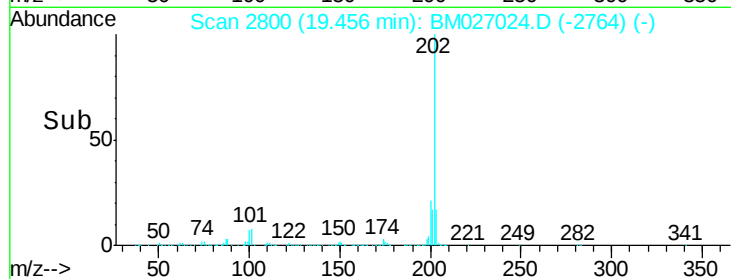
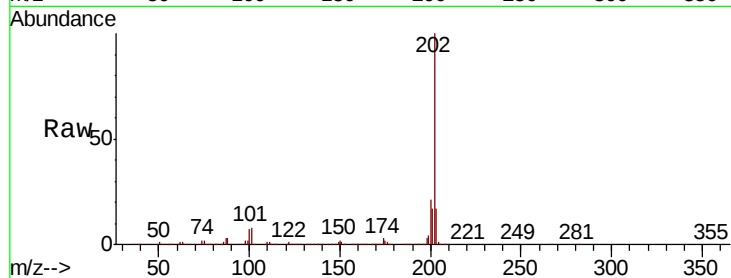
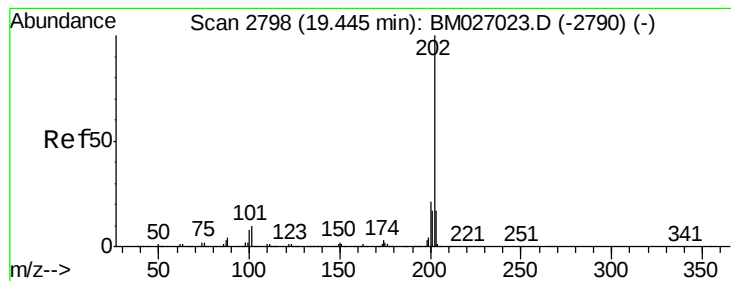
Tot Ion:165 Resp: 492467
 Ion Ratio Lower Upper
 165 100
 63 50.4 43.4 65.0
 182 2.8 3.0 4.4#



#69
 Pentachlorophenol
 Concen: 72.686 ng/ul
 RT: 16.68 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: BM027024.D
 Acq: 10 Aug 2020 14:39

Tgt Ion:266 Resp: 374579
 Ion Ratio Lower Upper
 266 100
 264 64.2 48.1 72.1
 268 63.9 51.0 76.6





#80
 Pvrene
 Concen: 70.610 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. 0.01 min
 Lab File: BM027024.D
 Acq: 10 Aug 2020 14:39

Instrument :
 BNA_M
 ClientSampleId :
 SP5221

Tot Ion:202 Resp: 3316721
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.6 11.4
 100 7.3 6.3 9.5

