

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
 Data File : BM020928.D
 Acq On : 13 Jun 2019 14:23
 Operator : HP/JU
 Sample : K3231-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MS

Quant Time: Jun 13 17:01:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	315446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1278500	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	704975	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	1382044	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1182628	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1353933	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	14814	2.24	ng/uL	0.00
5) Phenol-d5	6.96	99	324056	13.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	263332	18.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	317750	16.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	136165	7.01	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	173847	19.92	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	173449	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	319296	17.04	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.75	131	4345	0.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	985224	18.89	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	1105299	16.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	72546	8.11	ng/ul	0.00
57) Fluorene-d10	15.43	176	848009	19.14	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	33591	4.75	ng/ul	0.00
70) Anthracene-d10	17.29	188	984830	16.31	ng/ul	0.00
78) Pyrene-d10	19.58	212	1092918	19.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	546656	8.88	ng/ul	0.00

Target Compounds

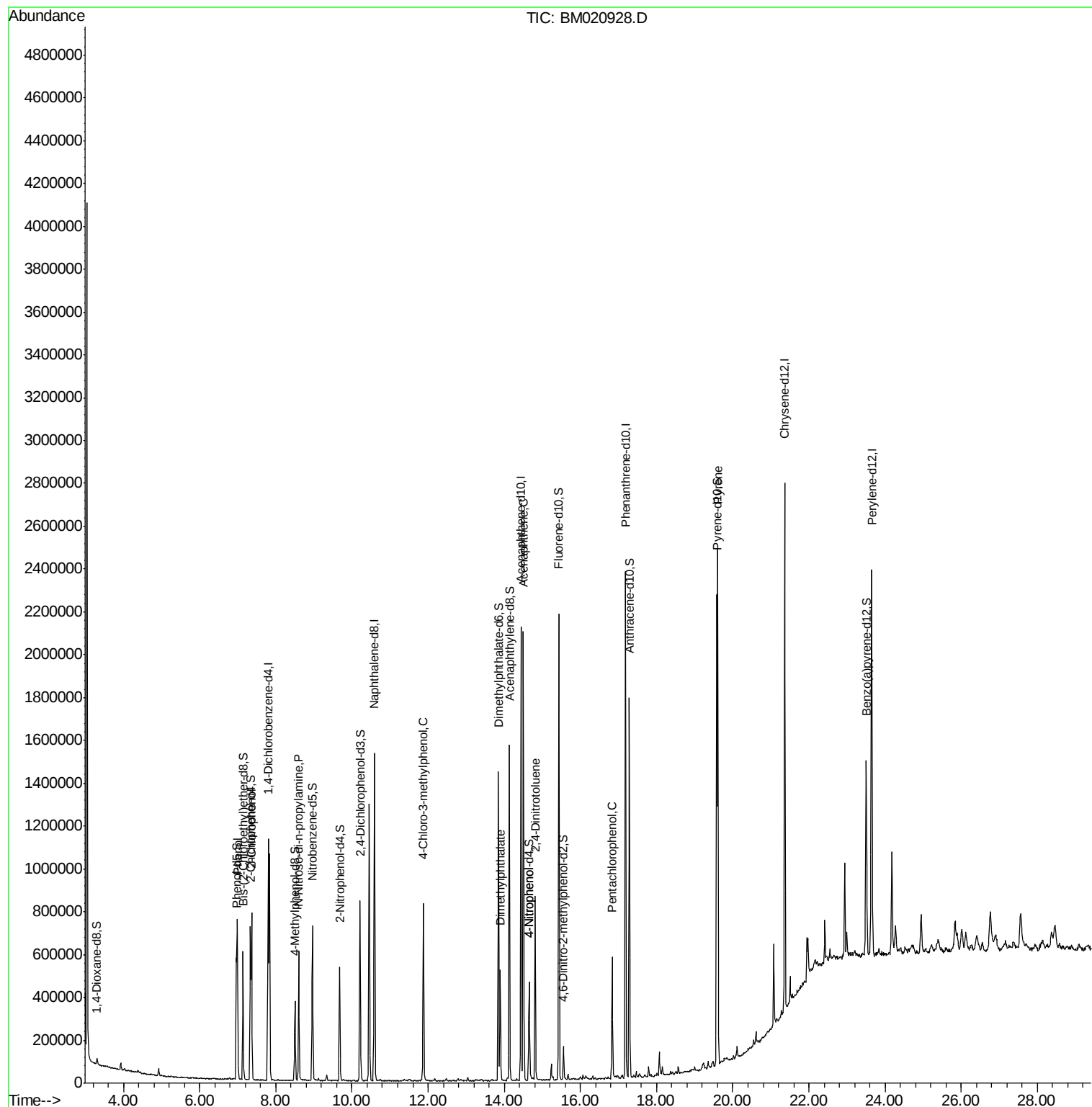
					Ovalue
6) Phenol	6.99	94	393885	15.853	ng/ul 99
10) 2-Chlorophenol	7.36	128	335132	16.949	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.60	70	216355	13.697	ng/ul 97
33) 4-Chloro-3-methylphenol	11.87	107	291180	15.228	ng/ul 97
44) Dimethylphthalate	13.90	163	334242	6.401	ng/ul 100
49) Acenaphthene	14.50	153	842255	18.861	ng/ul 98
52) 4-Nitrophenol	14.66	109	66707	9.093	ng/ul 98
54) 2,4-Dinitrotoluene	14.81	165	255864	18.070	ng/ul 99
68) Pentachlorophenol	16.83	266	106359	11.016	ng/ul 96
79) Pyrene	19.61	202	1478807	20.257	ng/ul 96

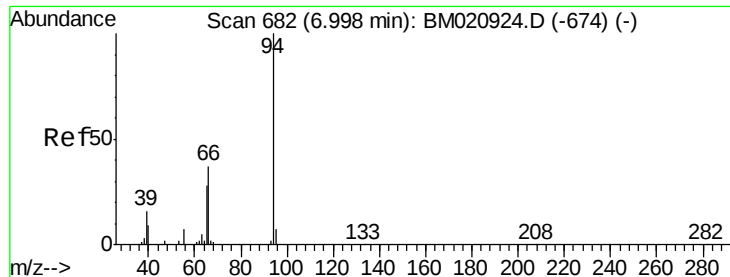
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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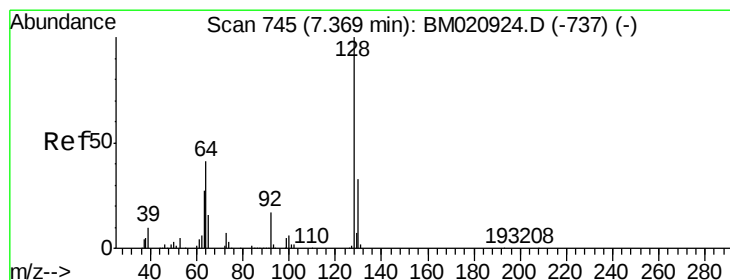
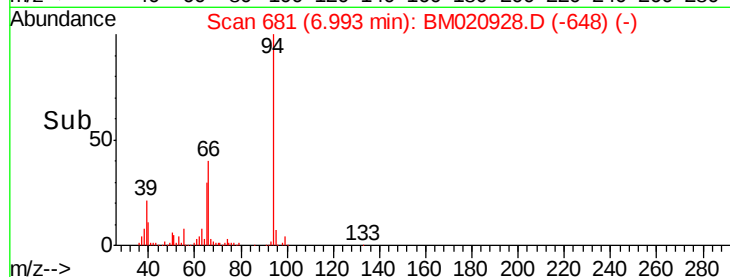
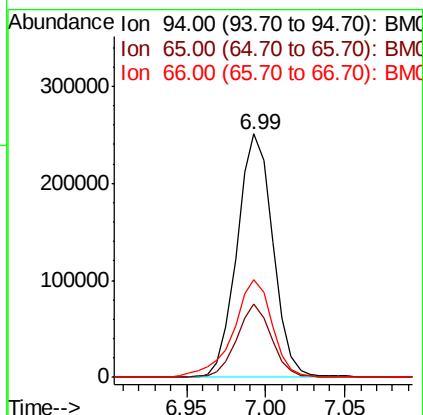
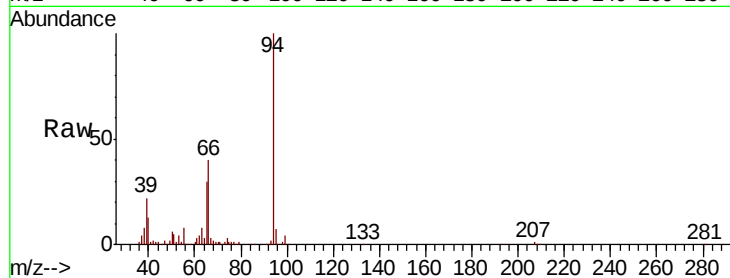
#6

Phenol

Concen: 15.853 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM020928.D
 Acq: 13 Jun 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MS

Tot Ion	94	Resp	393885
Ion	Ratio	Lower	Upper
94	100		
65	30.2	23.3	34.9
66	40.2	32.1	48.1

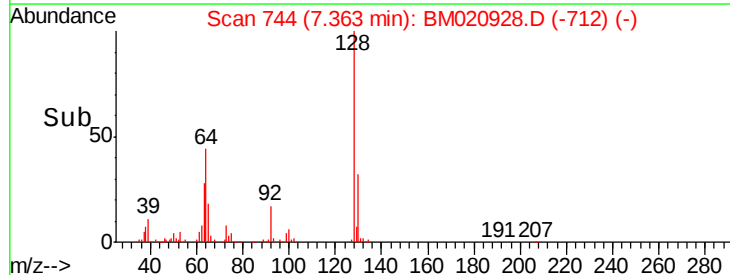
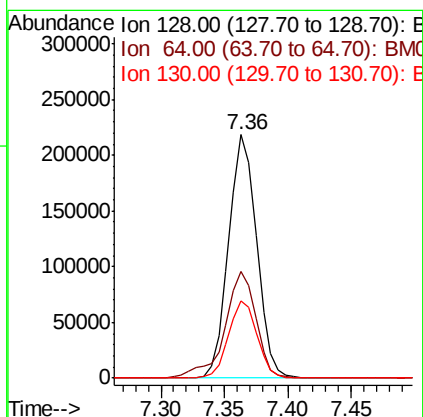
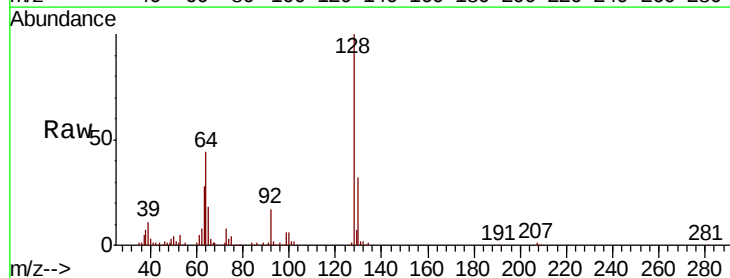


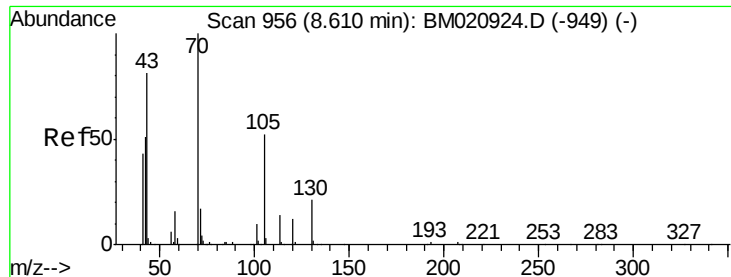
#10

2-Chlorophenol

Concen: 16.949 ng/ul
 RT: 7.36 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BM020928.D
 Acq: 13 Jun 2019 14:23

Tgt Ion	128	Resp	335132
Ion	Ratio	Lower	Upper
128	100		
64	43.8	39.0	58.4
130	31.6	27.5	41.3





#15

N-Nitroso-di-n-propylamine

Concen: 13.697 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM020928.D

Acq: 13 Jun 2019 14:23

Instrument :

BNA_M

ClientSampleId :

DB8L4MS

Tot Ion: 70 Resp: 216355

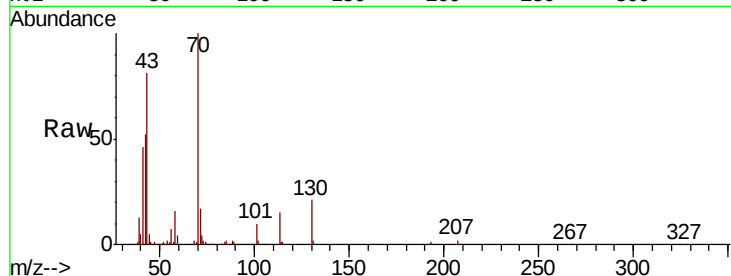
Ion	Ratio	Lower	Upper
70	100		
42	52.2	43.6	65.4
101	10.0	8.2	12.2
130	21.1	15.8	23.8

70 100

42 52.2 43.6 65.4

101 10.0 8.2 12.2

130 21.1 15.8 23.8



Abundance

Ion 70.00 (69.70 to 70.70): BM020924.D (-949) (-)

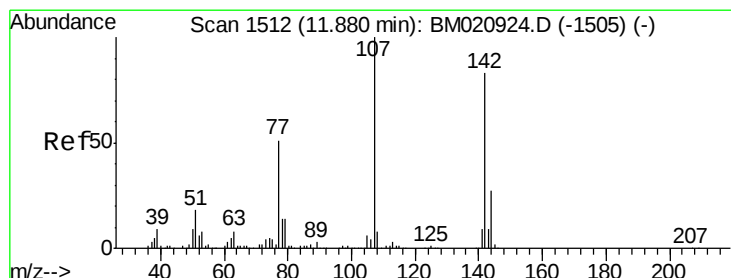
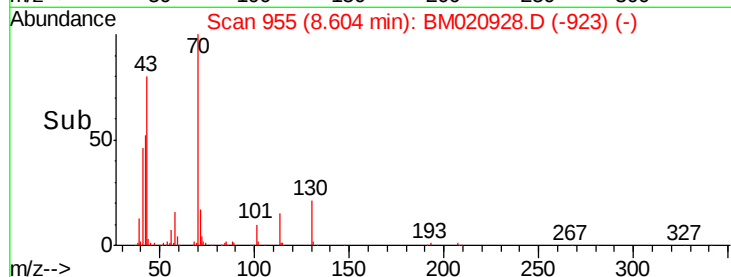
Ion 42.00 (41.70 to 42.70): BM020924.D (-949) (-)

Ion 101.00 (100.70 to 101.70): BM020924.D (-949) (-)

Ion 130.00 (129.70 to 130.70): BM020924.D (-949) (-)

Time-->

8.55 8.60 8.65 8.70



#33

4-Chloro-3-methylphenol

Concen: 15.228 ng/ul

RT: 11.87 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BM020928.D

Acq: 13 Jun 2019 14:23

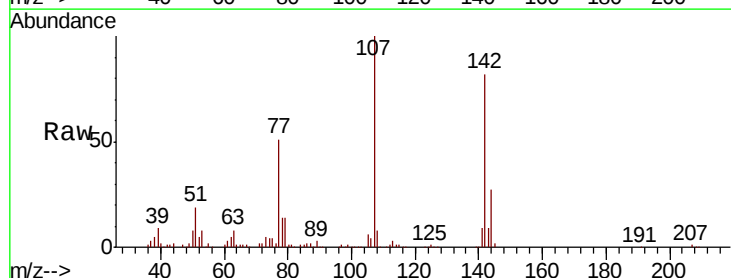
Tgt Ion:107 Resp: 291180

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	82.1	63.2	94.8

107 100

144 26.8 21.3 31.9

142 82.1 63.2 94.8



Abundance

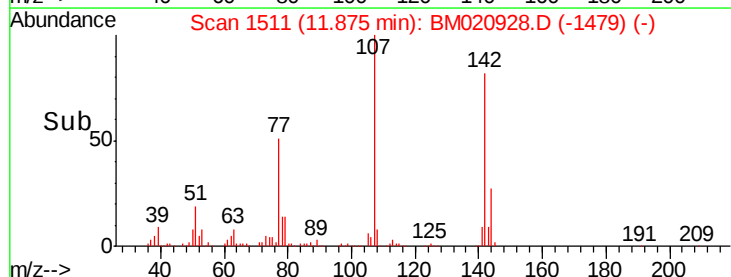
Ion 107.00 (106.70 to 107.70): BM020924.D (-1505) (-)

Ion 144.00 (143.70 to 144.70): BM020924.D (-1505) (-)

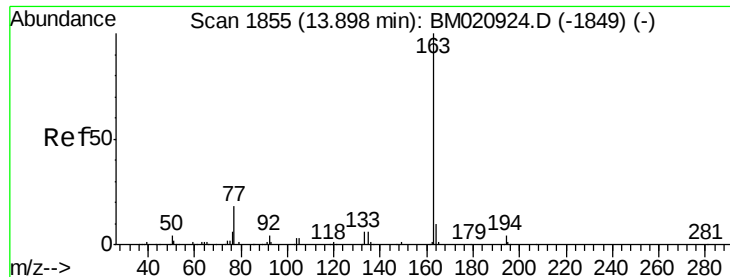
Ion 142.00 (141.70 to 142.70): BM020924.D (-1505) (-)

Time-->

11.80 11.90



Time-->



#44

Dimethylphthalate

Concen: 6.401 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM020928.D

Acq: 13 Jun 2019 14:23

Instrument :

BNA_M

ClientSampleId :

DB8L4MS

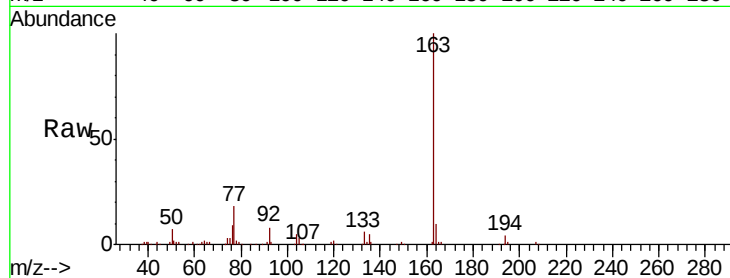
Tot Ion:163 Resp: 334242

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

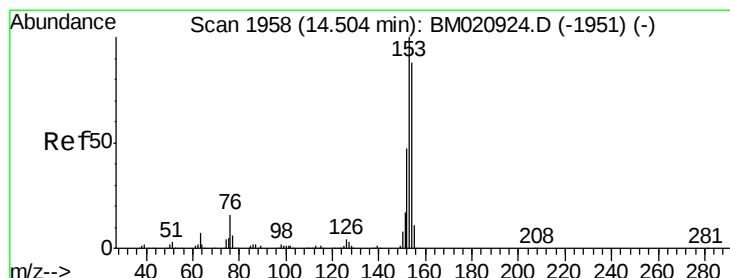
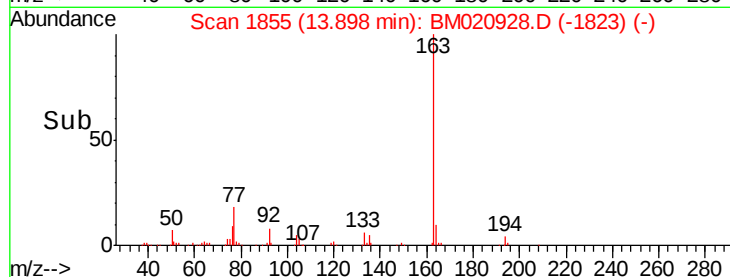
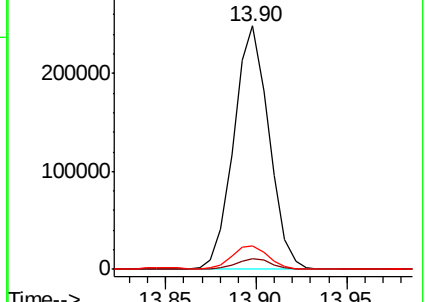
164 9.9 8.0 12.0



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: 18.861 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM020928.D

Acq: 13 Jun 2019 14:23

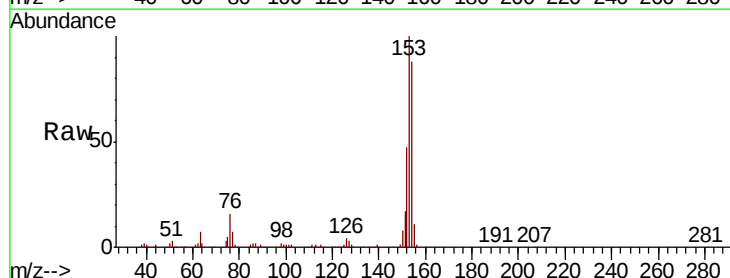
Tgt Ion:153 Resp: 842255

Ion Ratio Lower Upper

153 100

152 46.9 37.3 55.9

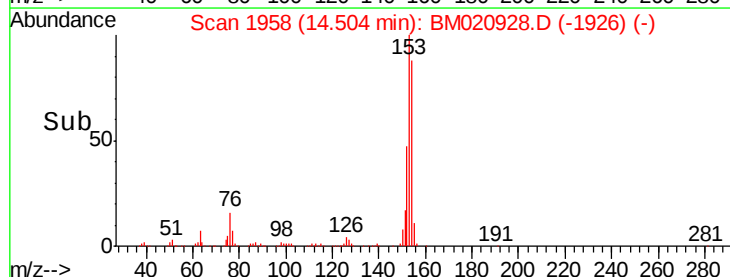
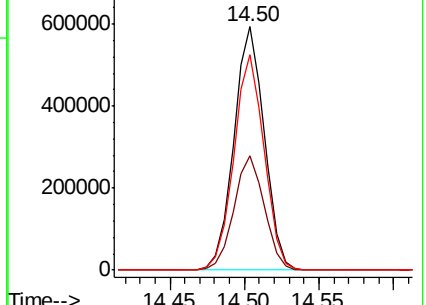
154 88.3 68.7 103.1

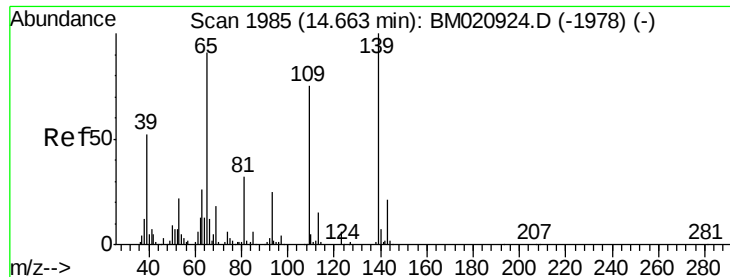


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 9.093 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM020928.D

Acq: 13 Jun 2019 14:23

Instrument :

BNA_M

ClientSampleId :

DB8L4MS

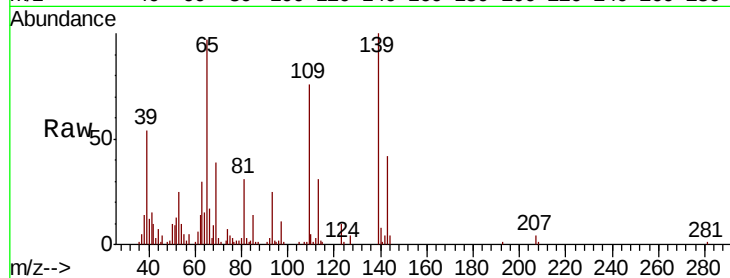
Tot Ion:109 Resp: 66707

Ion Ratio Lower Upper

109 100

139 132.0 105.9 158.9

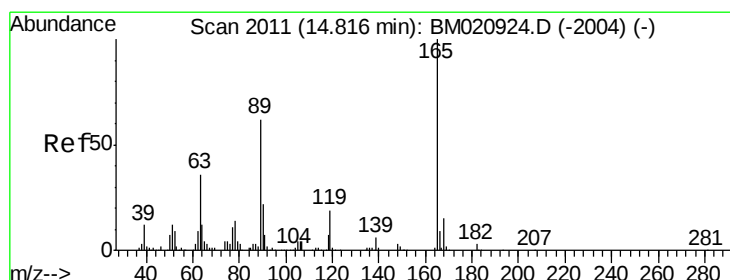
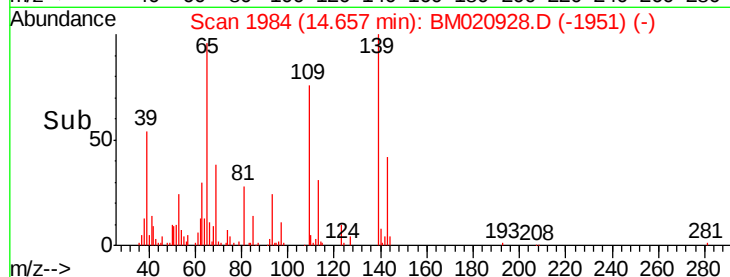
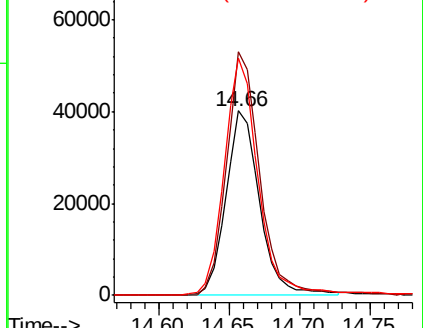
65 128.3 106.2 159.4



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: 18.070 ng/ul

RT: 14.81 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BM020928.D

Acq: 13 Jun 2019 14:23

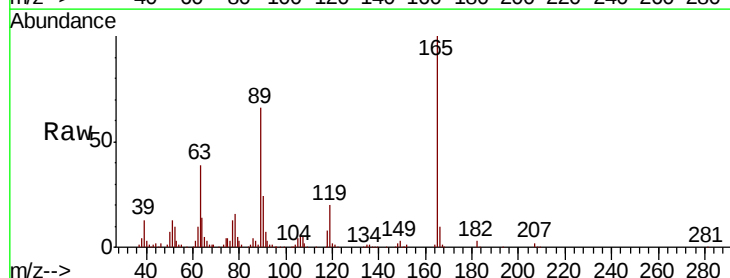
Tgt Ion:165 Resp: 255864

Ion Ratio Lower Upper

165 100

63 38.7 31.7 47.5

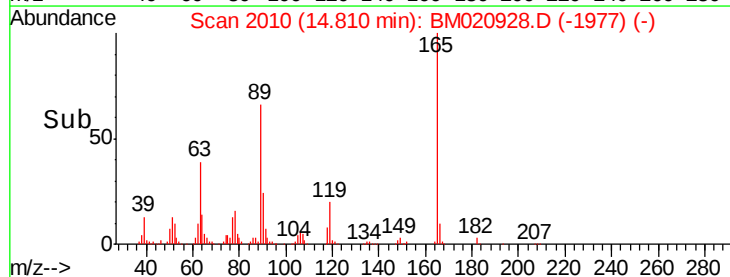
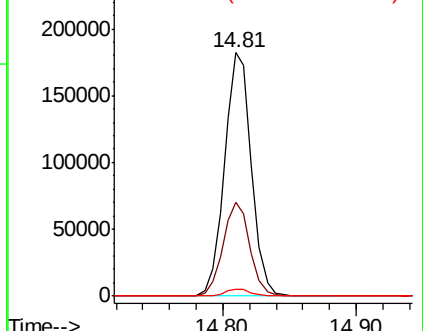
182 2.7 2.2 3.4

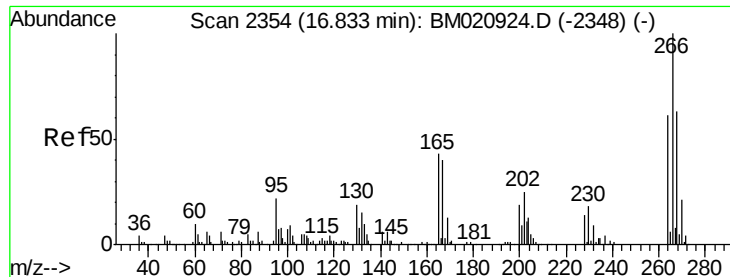


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

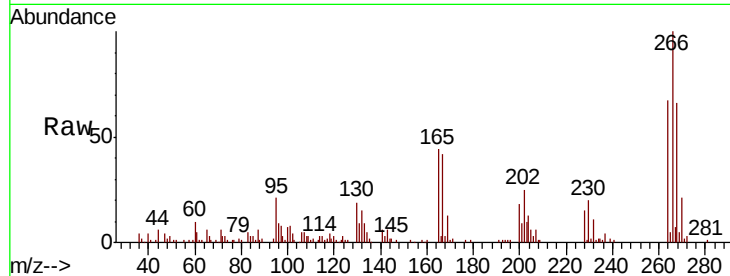




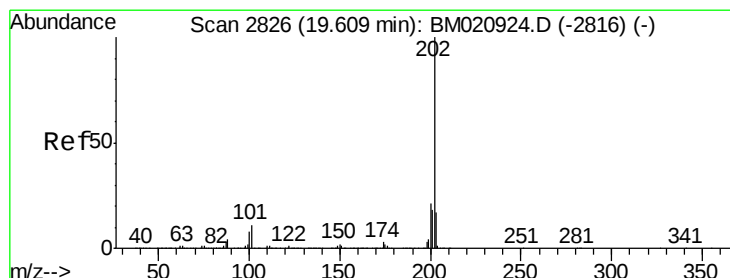
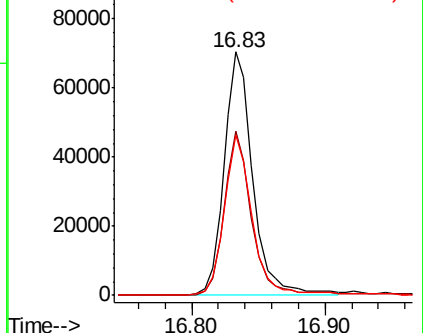
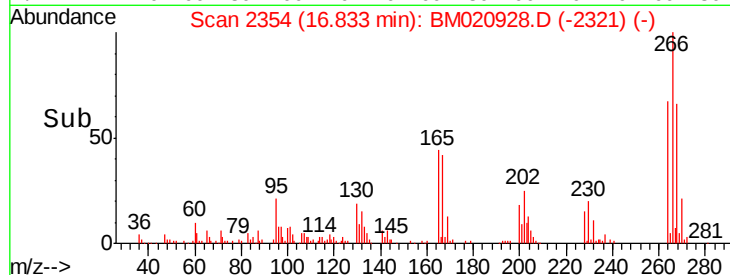
#68
 Pentachlorophenol
 Concen: 11.016 ng/ul
 RT: 16.83 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BM020928.D
 Acq: 13 Jun 2019 14:23

Instrument :
 BNA_M
 ClientSampleId :
 DB8L4MS

Tot Ion:266 Resp: 106359
 Ion Ratio Lower Upper
 266 100
 264 67.3 50.3 75.5
 268 65.9 51.2 76.8

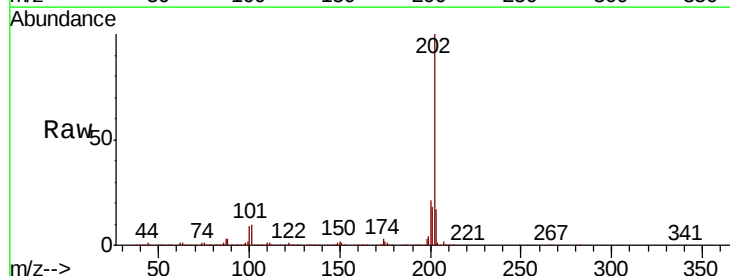


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 20.257 ng/ul
 RT: 19.61 min Scan# 2826
 Delta R.T. -0.01 min
 Lab File: BM020928.D
 Acq: 13 Jun 2019 14:23

Tgt Ion:202 Resp: 1478807
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.8 14.6
 100 8.7 8.0 12.0



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

