

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM025005.D
 Acq On : 22 Feb 2020 02:10
 Operator : CG/JU
 Sample : L1507-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD01MS

Quant Time: Feb 22 05:47:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 22 05:40:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	170521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	676697	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	452654	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	999148	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1059180	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1280814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	27486	7.75	ng/uL	0.00
5) Phenol-d5	6.54	99	417708	36.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	263332	41.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.87	132	360554	35.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	333996	34.94	ng/ul	0.00
19) Nitrobenzene-d5	8.47	128	172083	35.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	197105	34.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	362008	31.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.24	131	407206	37.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	1170016	34.24	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1389197	34.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	146966	26.47	ng/ul	0.00
58) Fluorene-d10	15.00	176	1051809	34.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	168001	25.80	ng/ul	0.00
71) Anthracene-d10	16.85	188	1622398	35.57	ng/ul	0.00
79) Pyrene-d10	19.16	212	1954008	36.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	2338513	36.35	ng/ul	0.00

Target Compounds

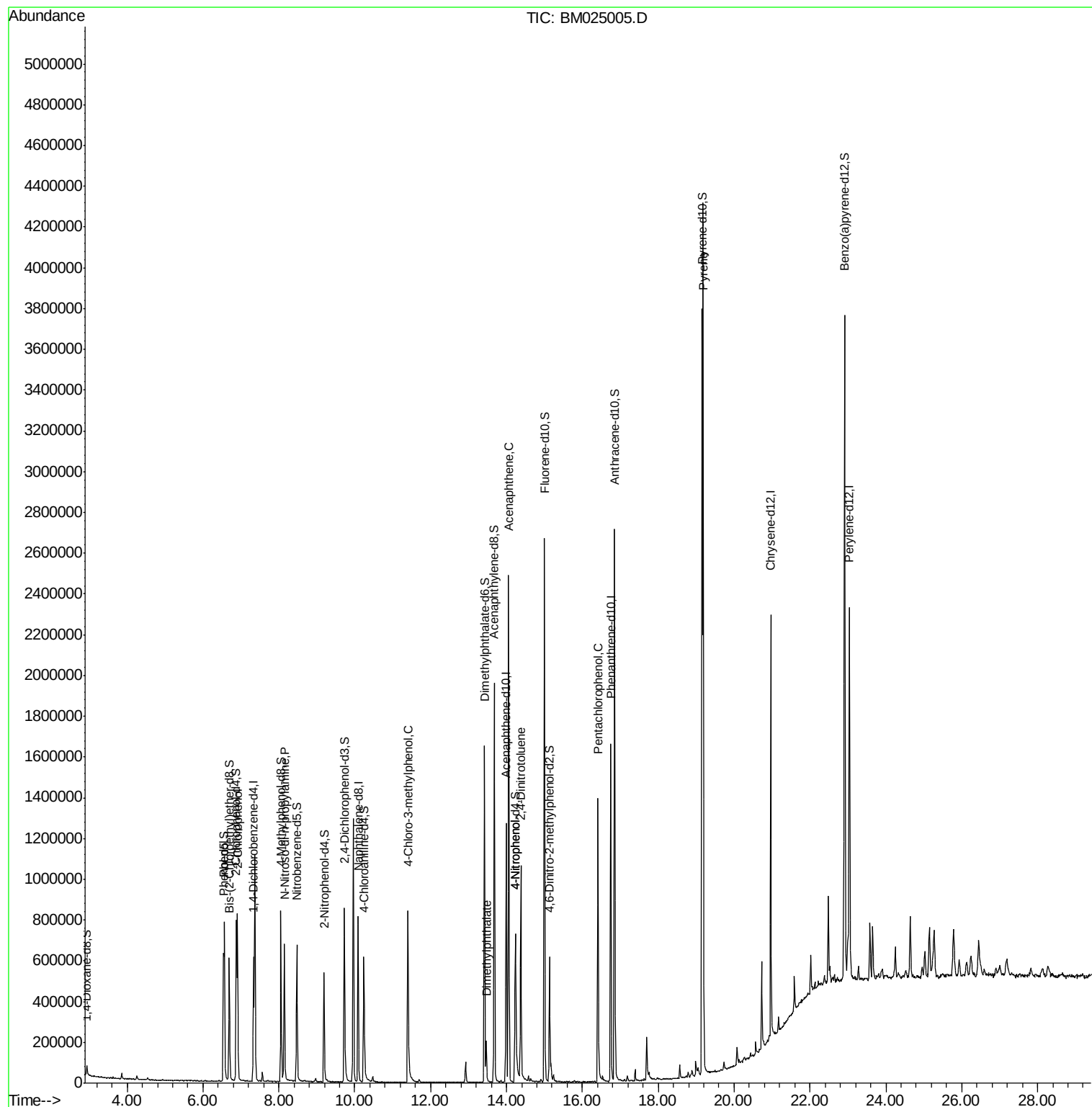
					Ovalue
6) Phenol	6.56	94	465996	39.082	ng/ul 97
10) 2-Chlorophenol	6.91	128	380760	36.799	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.15	70	314605	44.190	ng/ul# 84
33) 4-Chloro-3-methylphenol	11.40	107	389769	36.468	ng/ul 98
45) Dimethylphthalate	13.47	163	132372	3.714	ng/ul 100
50) Acenaphthene	14.06	153	982497	35.199	ng/ul 98
53) 4-Nitrophenol	14.24	109	126739	27.950	ng/ul 92
55) 2,4-Dinitrotoluene	14.38	165	348970	33.924	ng/ul 98
69) Pentachlorophenol	16.41	266	283965	32.073	ng/ul 99
80) Pyrene	19.19	202	2535015	36.158	ng/ul 96

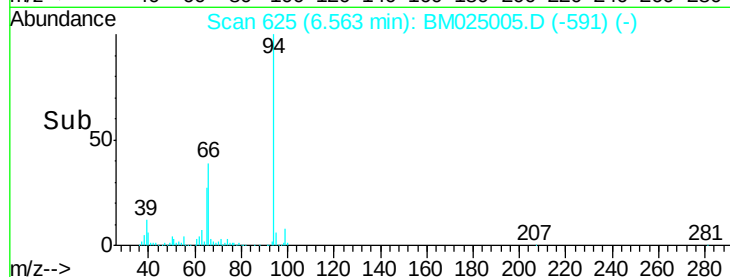
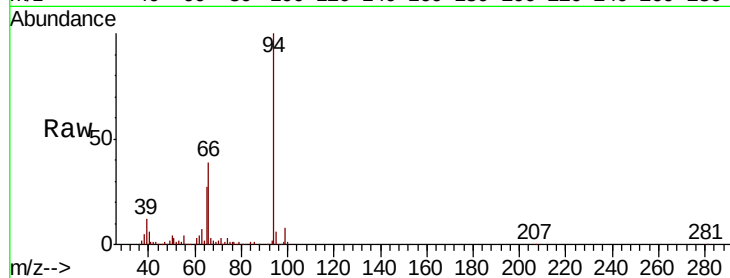
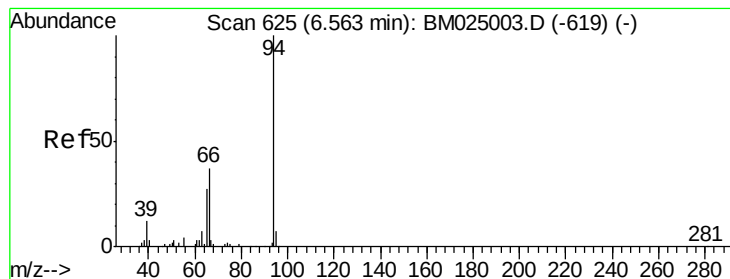
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 39.082 ng/ul

RT: 6.56 min Scan# 625

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

Instrument :

BNA_M

ClientSampleId :

DBD01MS

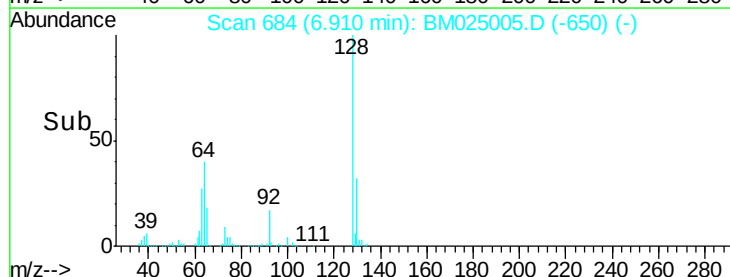
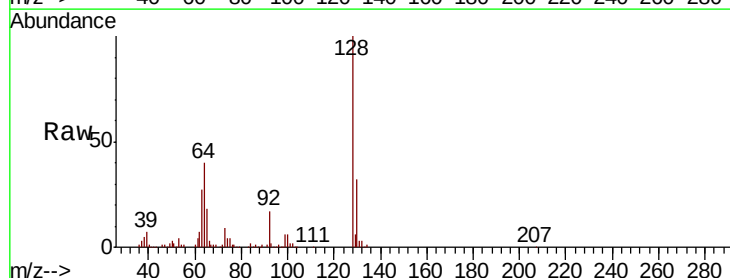
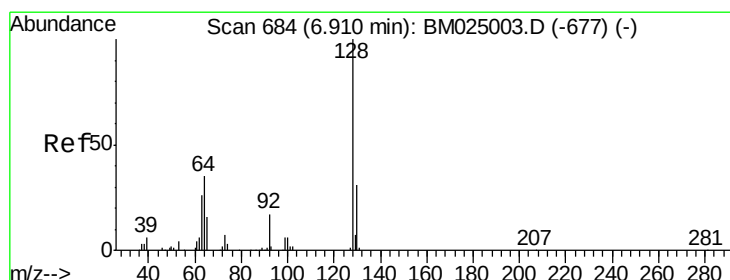
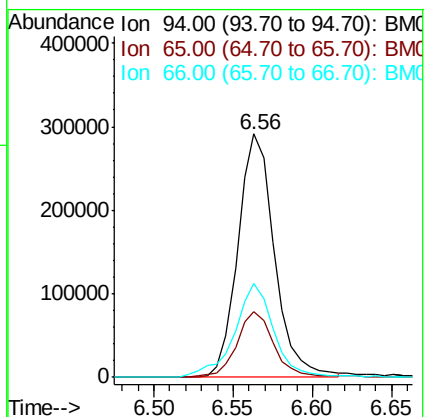
Tot Ion: 94 Resp: 465996

Ion Ratio Lower Upper

94 100

65 27.0 22.6 34.0

66 38.6 33.0 49.4



#10

2-Chlorophenol

Concen: 36.799 ng/ul

RT: 6.91 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

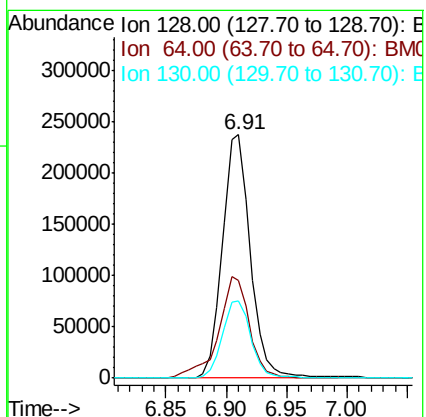
Tgt Ion: 128 Resp: 380760

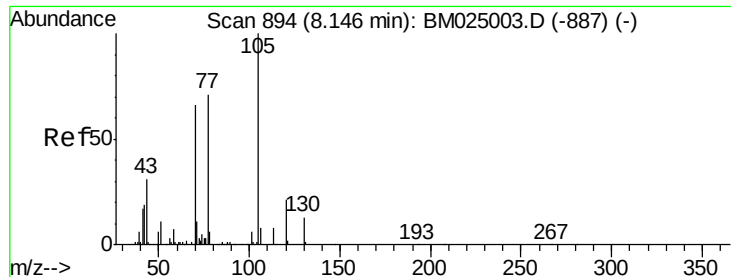
Ion Ratio Lower Upper

128 100

64 40.0 31.1 46.7

130 31.6 26.1 39.1





#15

N-Nitroso-di-n-propylamine

Concen: 44.190 ng/ul

RT: 8.15 min Scan# 894

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

Instrument :

BNA_M

ClientSampleId :

DBD01MS

Tot Ion: 70 Resp: 314605

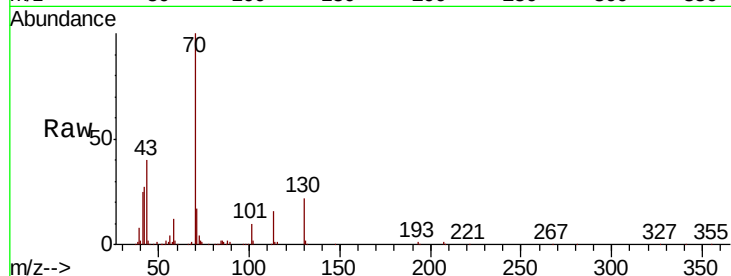
Ion Ratio Lower Upper

70 100

42 26.7 35.6 53.4#

101 9.8 8.6 13.0

130 22.3 18.6 28.0

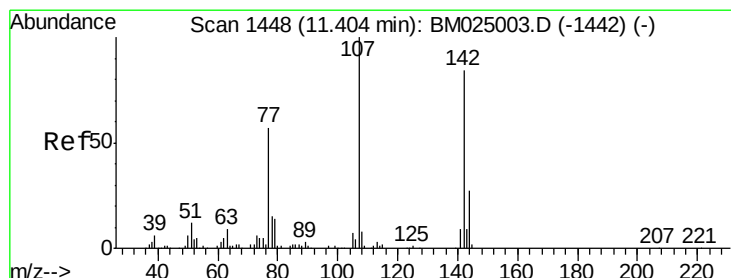
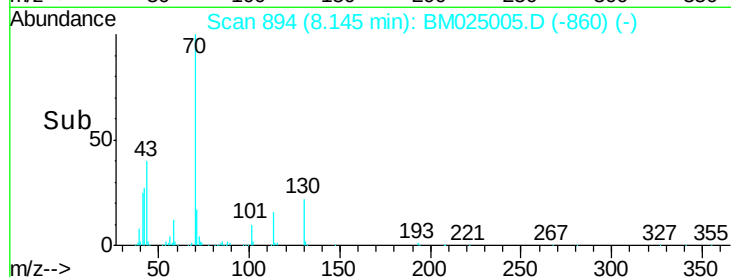
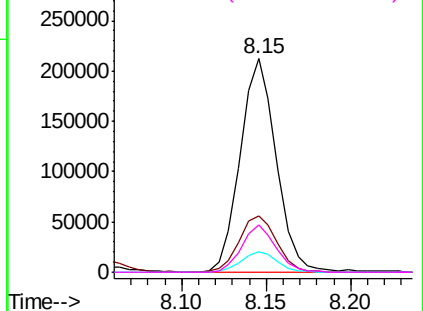


Abundance Ion 70.00 (69.70 to 70.70): BM025005.D (-860) (-)

Ion 42.00 (41.70 to 42.70): BM025005.D (-860) (-)

Ion 101.00 (100.70 to 101.70): BM025005.D (-860) (-)

Ion 130.00 (129.70 to 130.70): BM025005.D (-860) (-)



#33

4-Chloro-3-methylphenol

Concen: 36.468 ng/ul

RT: 11.40 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

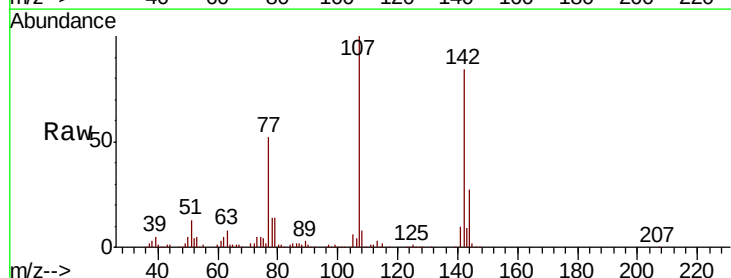
Tgt Ion: 107 Resp: 389769

Ion Ratio Lower Upper

107 100

144 27.2 22.8 34.2

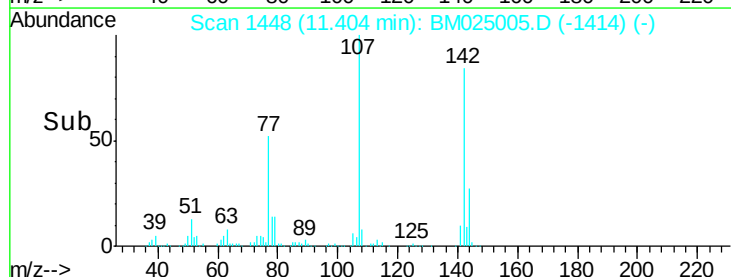
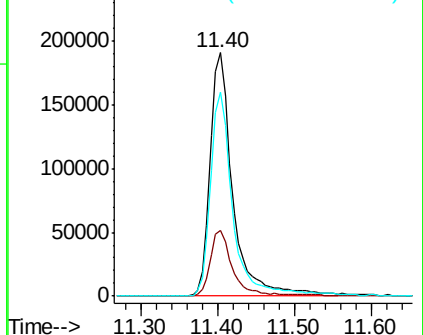
142 83.6 68.2 102.2

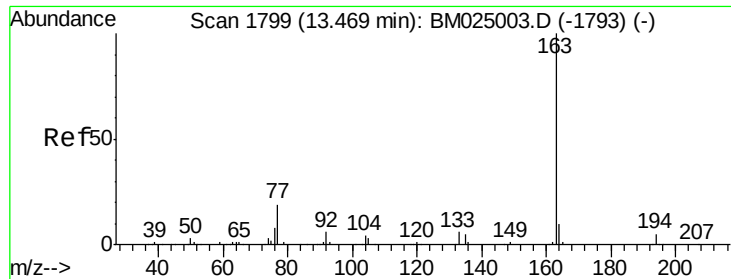


Abundance Ion 107.00 (106.70 to 107.70): BM025005.D (-1414) (-)

Ion 144.00 (143.70 to 144.70): BM025005.D (-1414) (-)

Ion 142.00 (141.70 to 142.70): BM025005.D (-1414) (-)





#45

Dimethylphthalate

Concen: 3.714 ng/ul

RT: 13.47 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

Instrument :

BNA_M

ClientSampleId :

DBD01MS

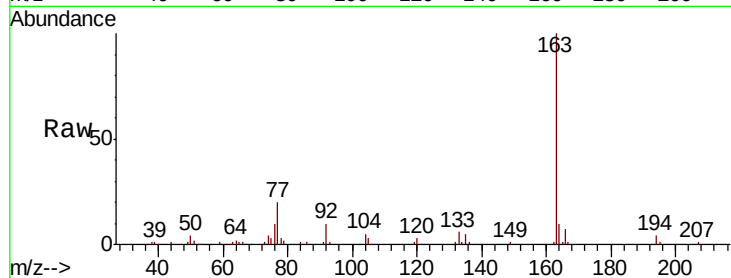
Tot Ion:163 Resp: 132372

Ion Ratio Lower Upper

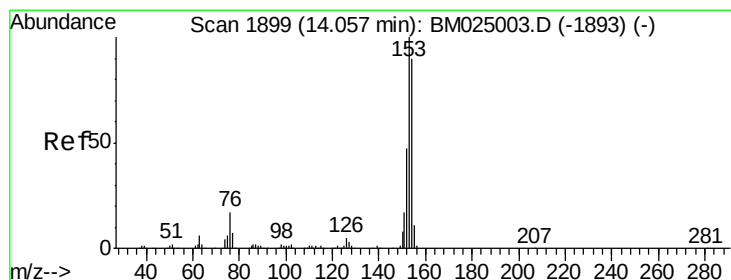
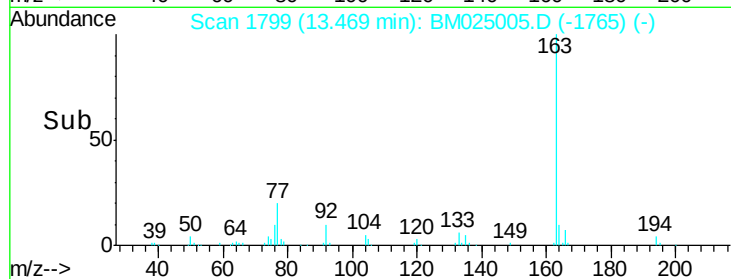
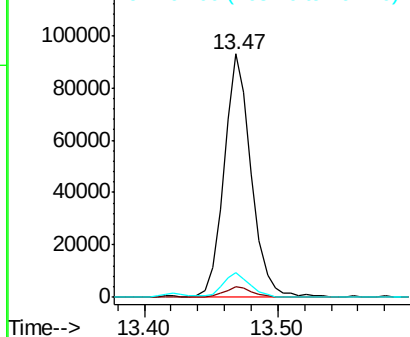
163 100

194 4.2 3.5 5.3

164 10.1 8.2 12.2



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



#50

Acenaphthene

Concen: 35.199 ng/ul

RT: 14.06 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

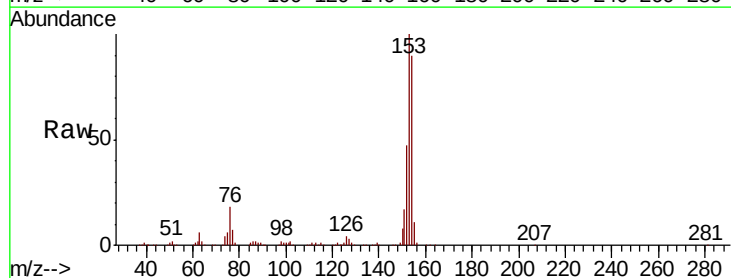
Tgt Ion:153 Resp: 982497

Ion Ratio Lower Upper

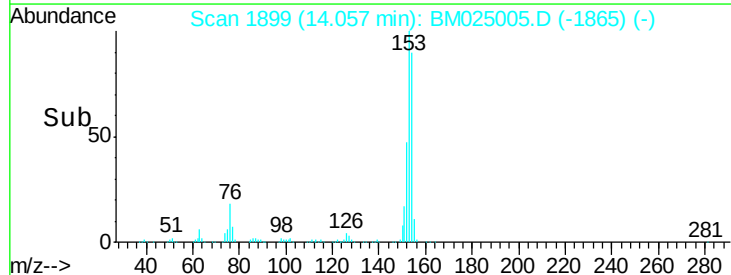
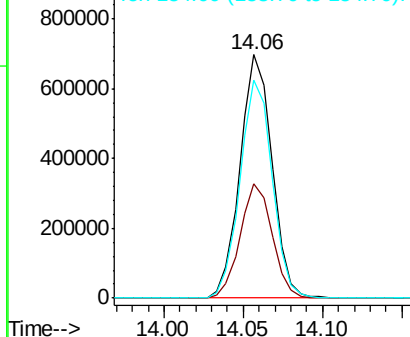
153 100

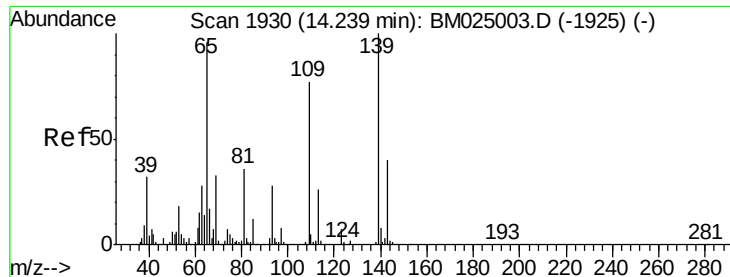
152 46.9 37.3 55.9

154 89.7 74.1 111.1



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





#53

4-Nitrophenol

Concen: 27.950 ng/ul

RT: 14.24 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

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DBD01MS

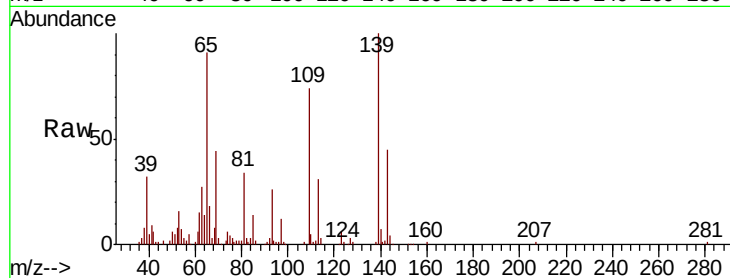
Tot Ion:109 Resp: 126739

Ion Ratio Lower Upper

109 100

139 134.6 103.8 155.8

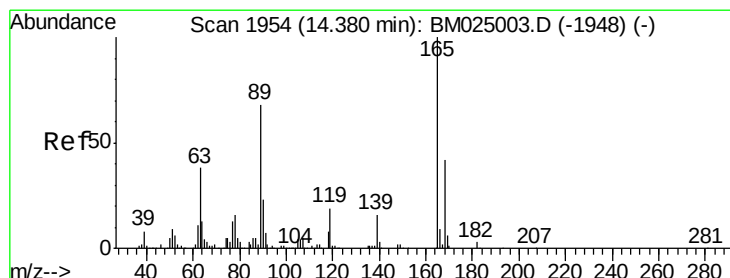
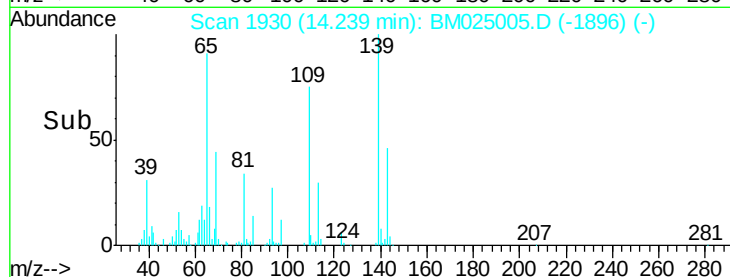
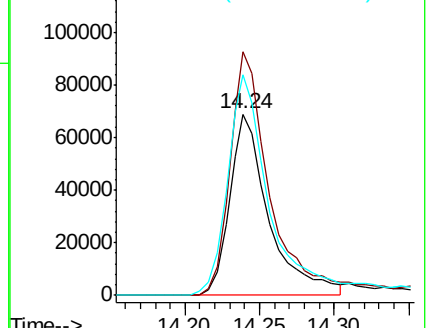
65 122.3 87.0 130.4



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



#55

2,4-Dinitrotoluene

Concen: 33.924 ng/ul

RT: 14.38 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

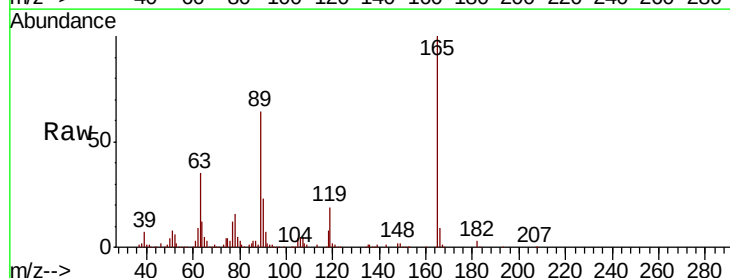
Tgt Ion:165 Resp: 348970

Ion Ratio Lower Upper

165 100

63 34.7 29.0 43.4

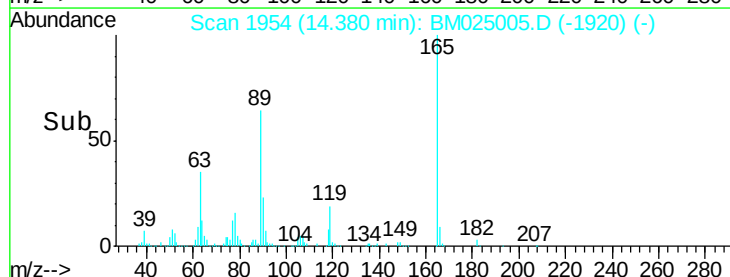
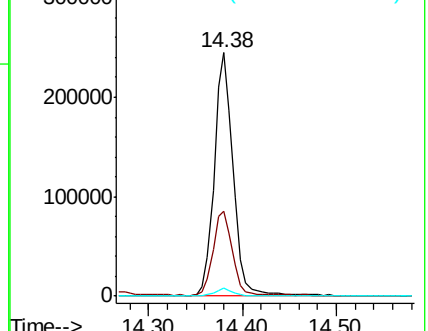
182 3.3 2.7 4.1

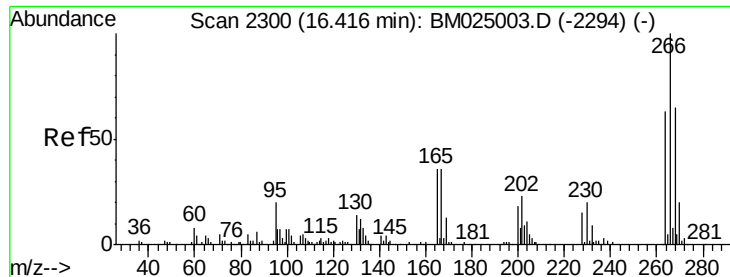


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 32.073 ng/ul

RT: 16.41 min Scan# 2299

Delta R.T. -0.01 min

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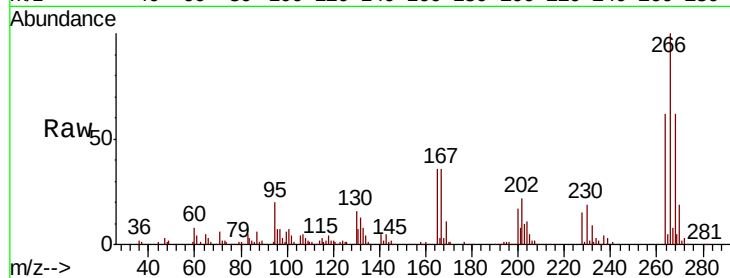
Tot Ion:266 Resp: 283965

Ion Ratio Lower Upper

266 100

264 61.6 50.0 75.0

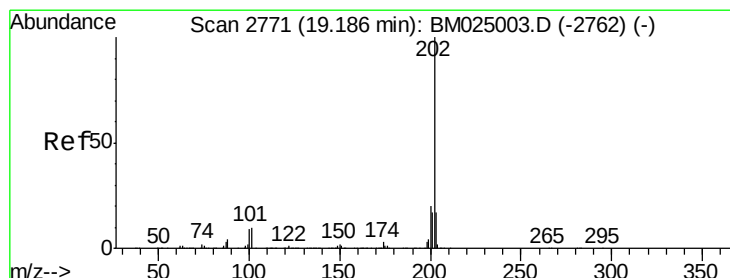
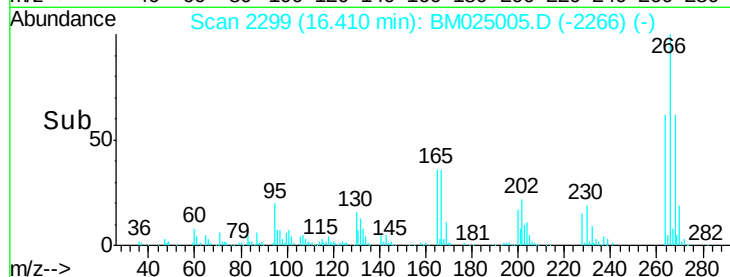
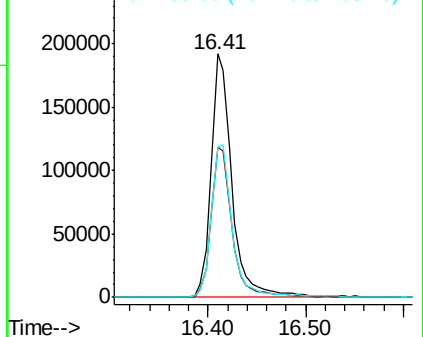
268 61.8 50.4 75.6



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



#80

Pyrene

Concen: 36.158 ng/ul

RT: 19.19 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM025005.D

Acq: 22 Feb 2020 02:10

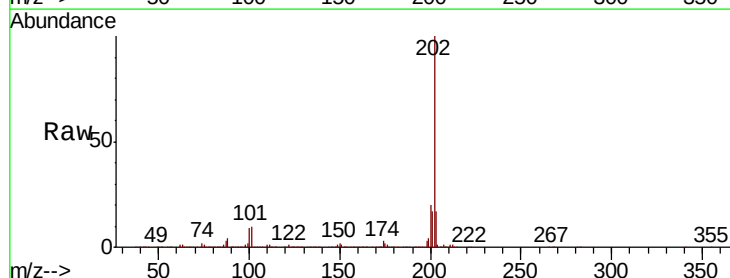
Tgt Ion:202 Resp: 2535015

Ion Ratio Lower Upper

202 100

101 10.4 7.0 10.4

100 8.7 5.8 8.8



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

