

Data File : BM025006.D
Acq On : 22 Feb 2020 02:46
Operator : CG/JU
Sample : L1507-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD01MSD

Quant Time: Feb 22 05:43:28 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	164830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	645509	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	426371	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	972113	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1046630	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1285277	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	26917	7.85	ng/uL	0.00
5) Phenol-d5	6.54	99	436411	39.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	267924	43.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	370228	37.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	345614	37.41	ng/ul	0.00
19) Nitrobenzene-d5	8.47	128	178401	38.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	202718	36.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	381301	34.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.24	131	422272	40.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	1228914	38.18	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1466704	39.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	162872	31.14	ng/ul	0.00
58) Fluorene-d10	15.00	176	1107464	38.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	179085	28.26	ng/ul	0.00
71) Anthracene-d10	16.85	188	1700237	38.31	ng/ul	0.00
79) Pyrene-d10	19.16	212	2091532	39.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	2497946	38.70	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.56	94	496294	43.060 ng/ul	94
10) 2-Chlorophenol	6.91	128	393123	39.305 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.15	70	331588	48.183 ng/ul#	82
33) 4-Chloro-3-methylphenol	11.40	107	394459	38.689 ng/ul	98
45) Dimethylphthalate	13.47	163	136904	4.078 ng/ul	98
50) Acenaphthene	14.06	153	1033388	39.304 ng/ul	97
53) 4-Nitrophenol	14.24	109	150873	35.323 ng/ul	93
55) 2,4-Dinitrotoluene	14.38	165	364583	37.627 ng/ul	99
68) Atrazine	16.41	200	46857	4.016 ng/ul#	35
69) Pentachlorophenol	16.41	266	290675	33.744 ng/ul	98
80) Pyrene	19.19	202	2719379	39.252 ng/ul	96

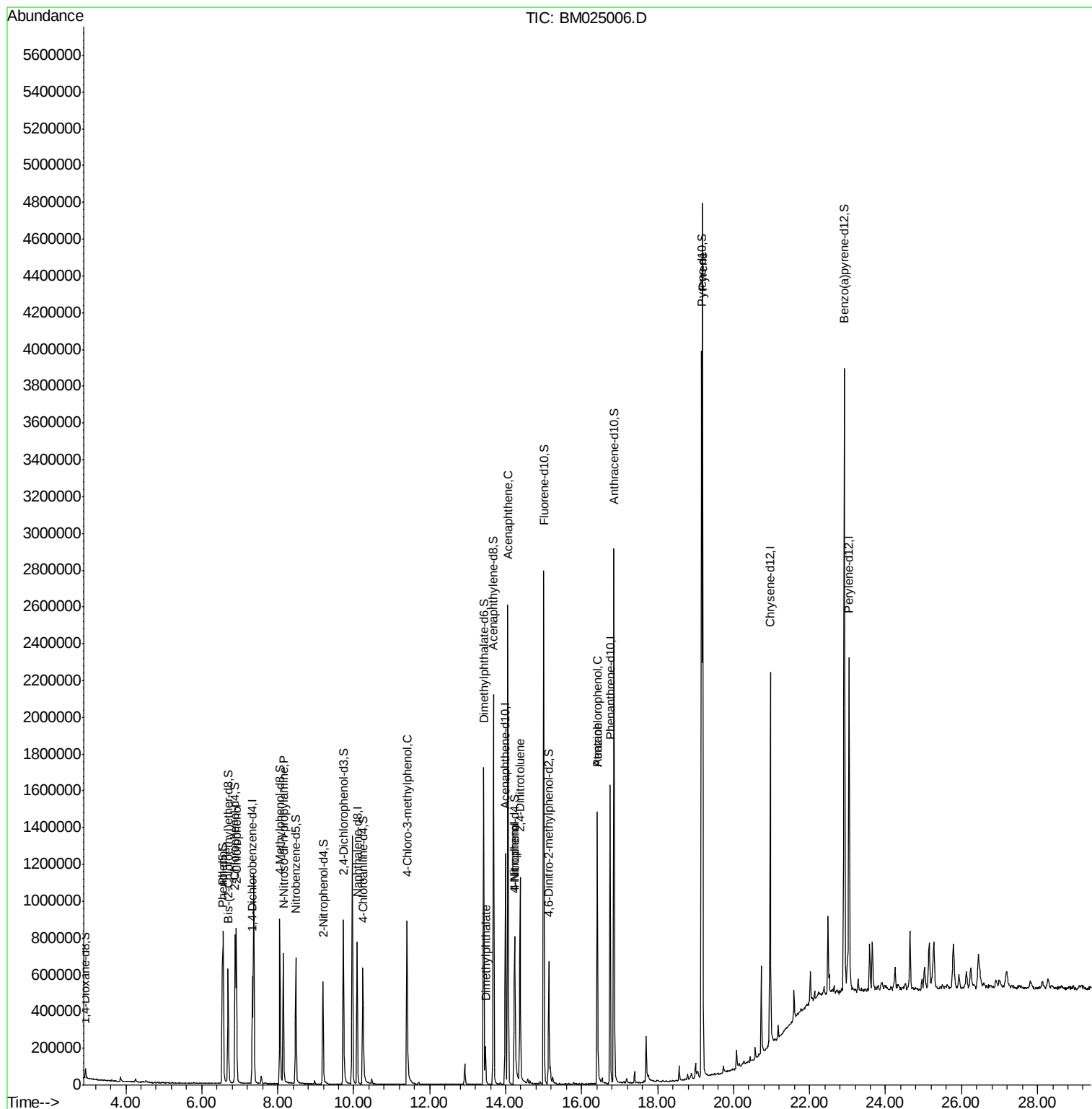
(#) = qualifier out of range (m) = manual integration (+) = signals summed

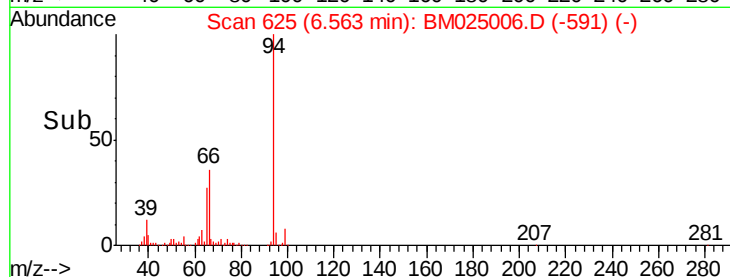
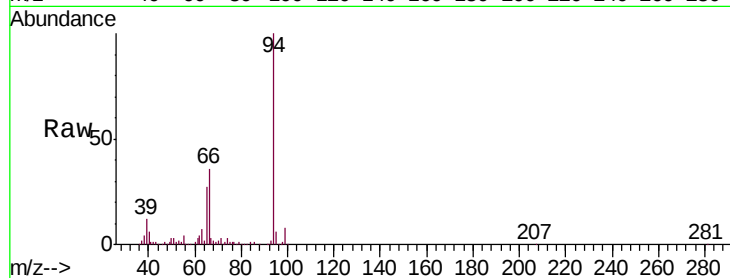
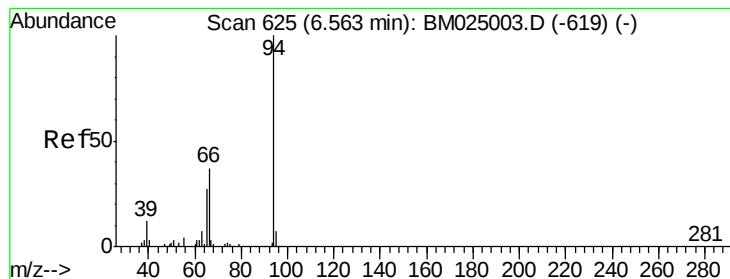
Data File : BM025006.D

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 43.060 ng/ul

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

Instrument :

BNA_M

ClientSampleId :

DBD01MSD

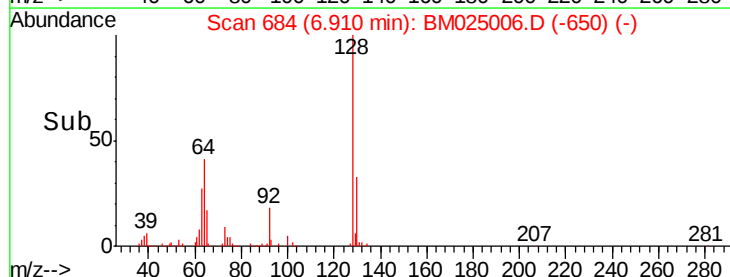
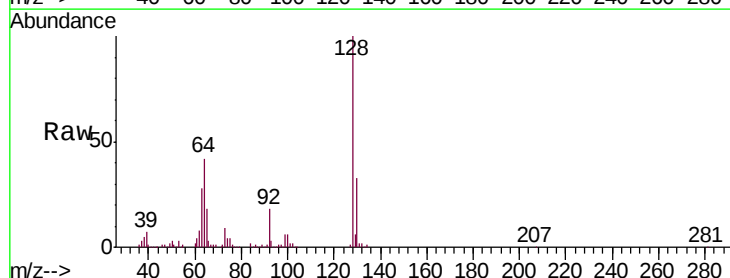
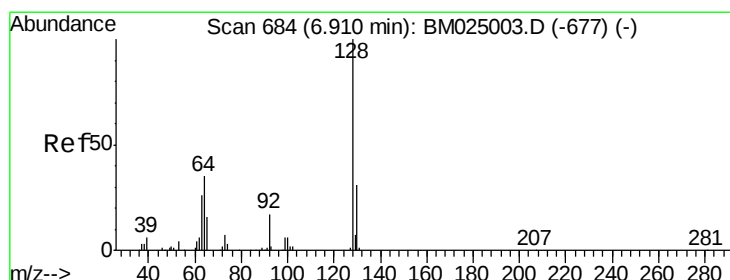
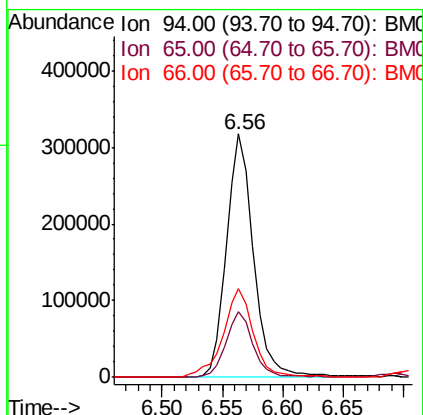
Tgt Ion: 94 Resp: 496294

Ion Ratio Lower Upper

94 100

65 26.7 22.6 34.0

66 36.2 33.0 49.4



#10

2-Chlorophenol

Concen: 39.305 ng/ul

RT: 6.91 min Scan# 684

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

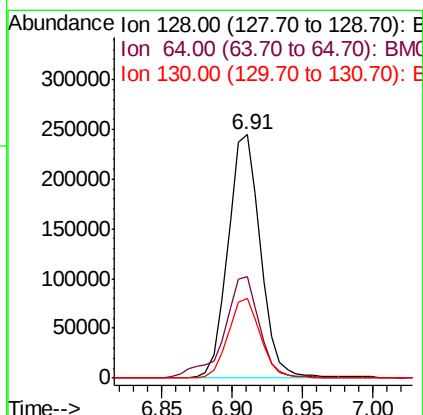
Tgt Ion: 128 Resp: 393123

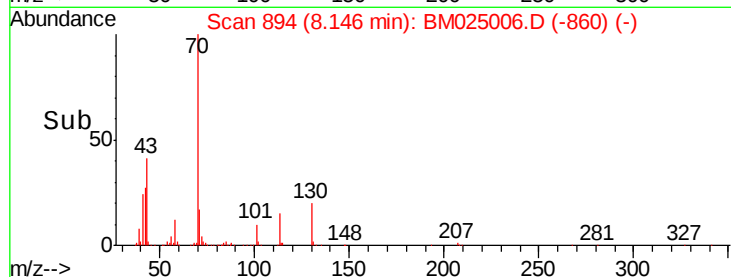
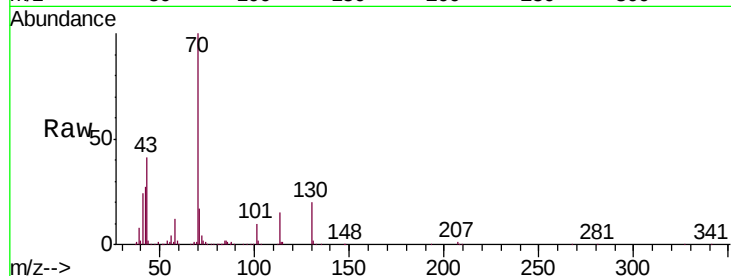
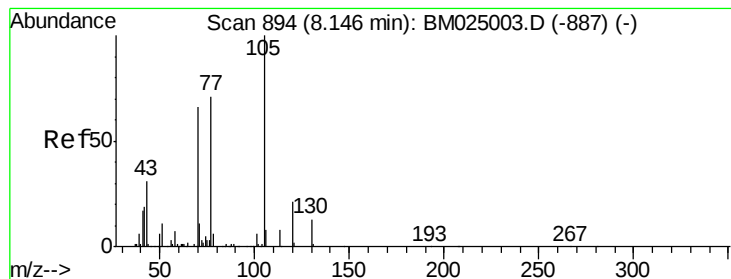
Ion Ratio Lower Upper

128 100

64 41.6 31.1 46.7

130 32.8 26.1 39.1





#15

N-Nitroso-di-n-propylamine

Concen: 48.183 ng/ul

RT: 8.15 min Scan# 894

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

Instrument :

BNA_M

ClientSampleId :

DBD01MSD

Tgt Ion: 70 Resp: 331588

Ion Ratio Lower Upper

70 100

42 26.7 35.6 53.4#

101 9.6 8.6 13.0

130 20.5 18.6 28.0

Abundance Ion 70.00 (69.70 to 70.70): BM025003.D (-887) (-)

Ion 42.00 (41.70 to 42.70): BM025003.D (-887) (-)

Ion 101.00 (100.70 to 101.70): BM025003.D (-887) (-)

Ion 130.00 (129.70 to 130.70): BM025003.D (-887) (-)

Time-->

8.10 8.15 8.20

300000

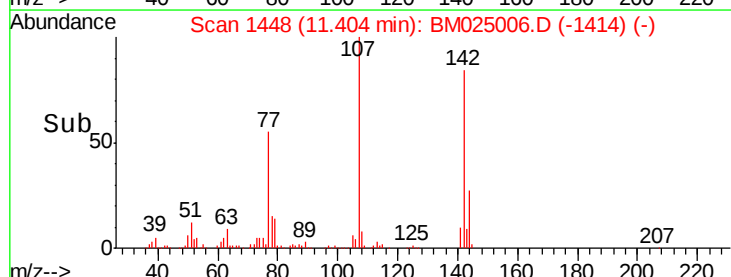
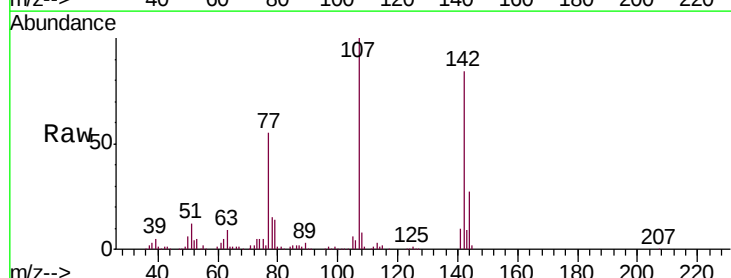
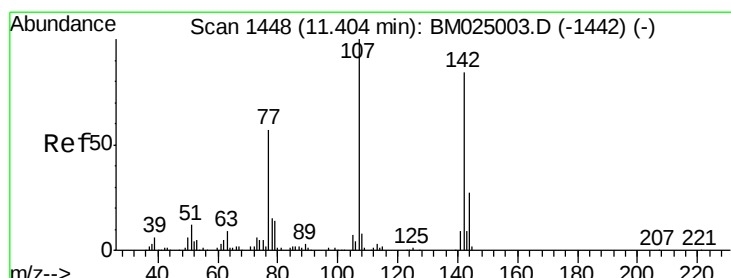
200000

100000

0

8.10 8.15 8.20

Time-->



#33

4-Chloro-3-methylphenol

Concen: 38.689 ng/ul

RT: 11.40 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

Tgt Ion: 107 Resp: 394459

Ion Ratio Lower Upper

107 100

144 27.5 22.8 34.2

142 83.6 68.2 102.2

Abundance Ion 107.00 (106.70 to 107.70): BM025003.D (-1442) (-)

Ion 144.00 (143.70 to 144.70): BM025003.D (-1442) (-)

Ion 142.00 (141.70 to 142.70): BM025003.D (-1442) (-)

Time-->

11.40 11.50

250000

200000

150000

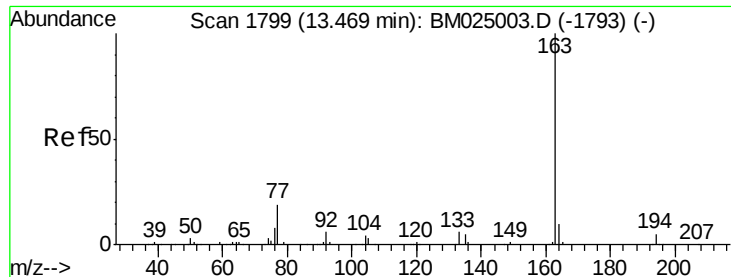
100000

50000

0

11.40 11.50

Time-->



#45

Dimethylphthalate

Concen: 4.078 ng/ul

RT: 13.47 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

Instrument :

BNA_M

ClientSampleId :

DBD01MSD

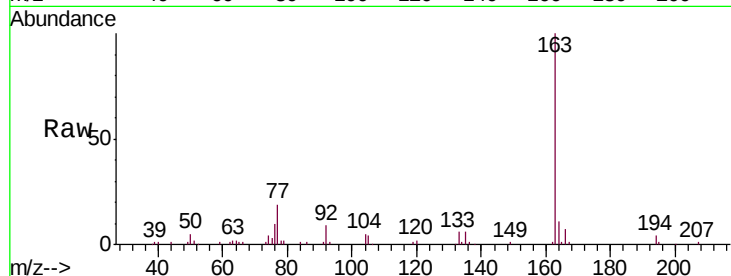
Tgt Ion:163 Resp: 136904

Ion Ratio Lower Upper

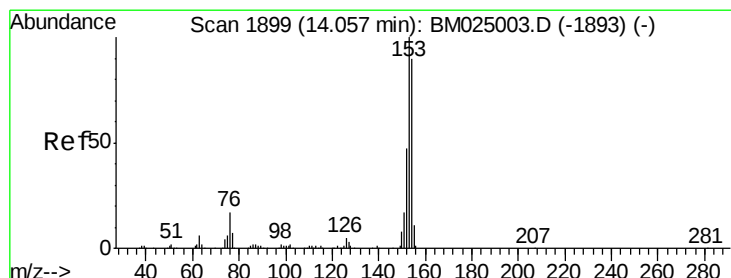
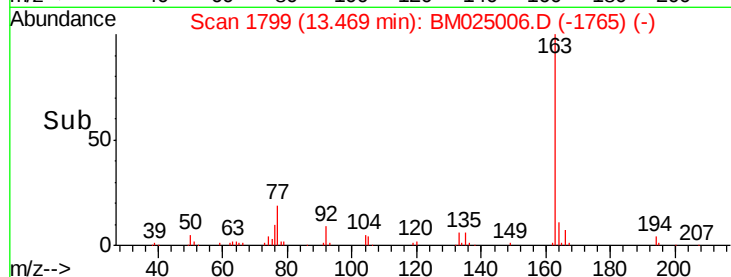
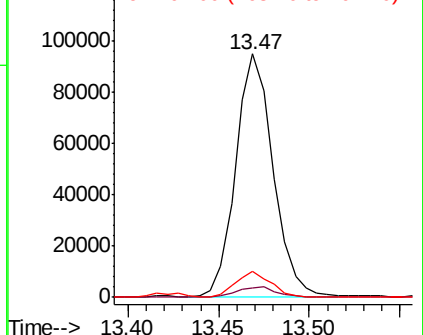
163 100

194 4.0 3.5 5.3

164 10.8 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: 39.304 ng/ul

RT: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

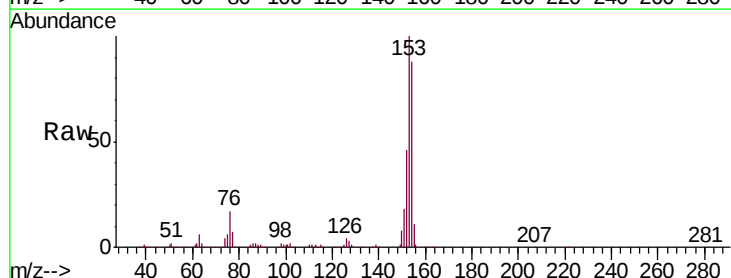
Tgt Ion:153 Resp: 1033388

Ion Ratio Lower Upper

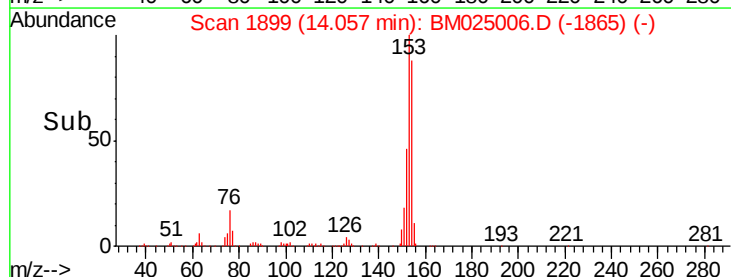
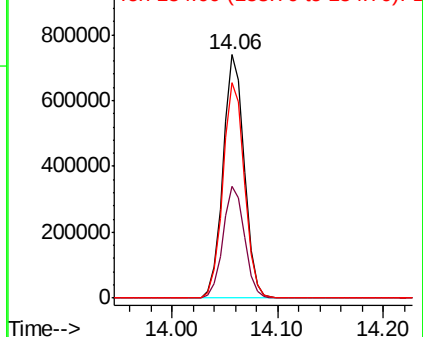
153 100

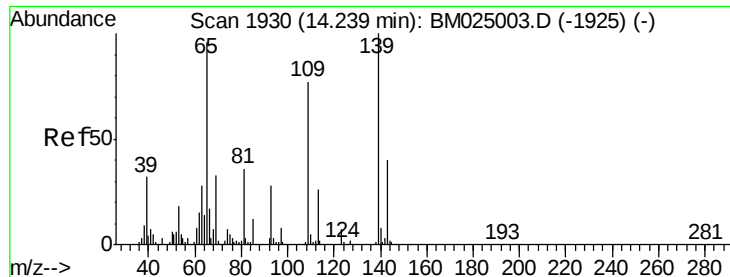
152 45.8 37.3 55.9

154 88.3 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: 35.323 ng/ul

RT: 14.24 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM025006.D

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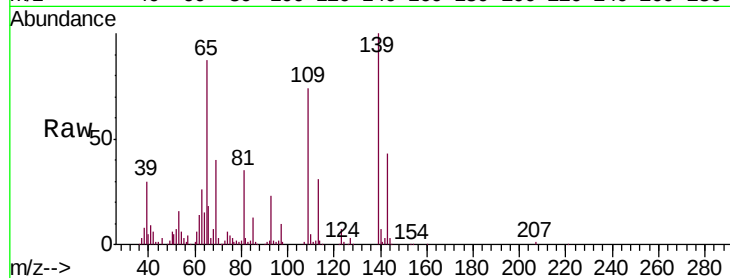
Tgt Ion:109 Resp: 150873

Ion Ratio Lower Upper

109 100

139 135.3 103.8 155.8

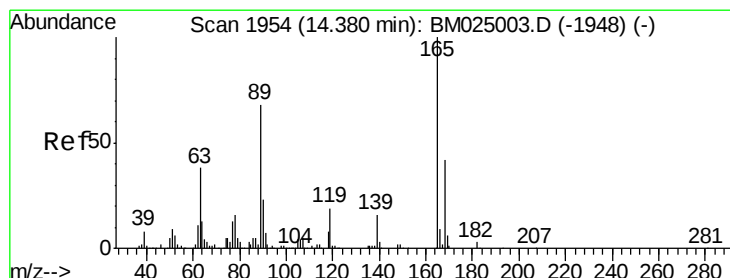
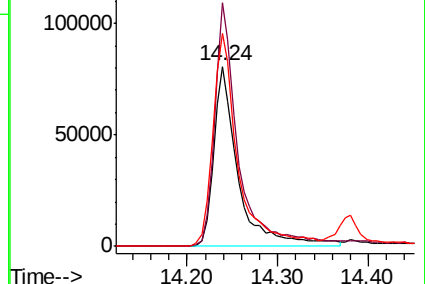
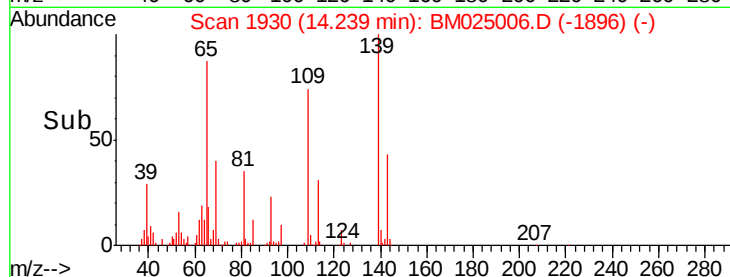
65 118.2 87.0 130.4



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: 37.627 ng/ul

RT: 14.38 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

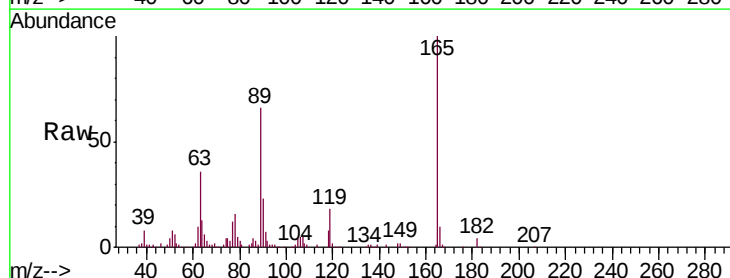
Tgt Ion:165 Resp: 364583

Ion Ratio Lower Upper

165 100

63 36.5 29.0 43.4

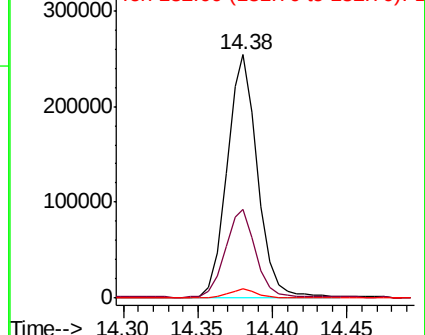
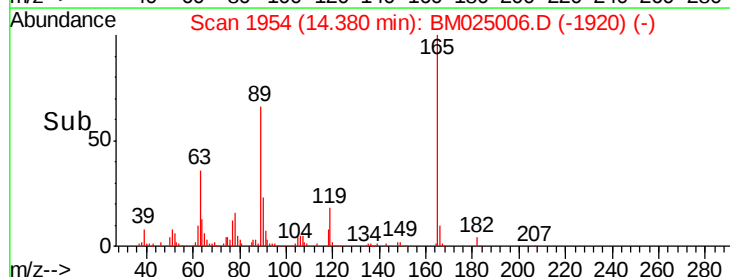
182 3.7 2.7 4.1

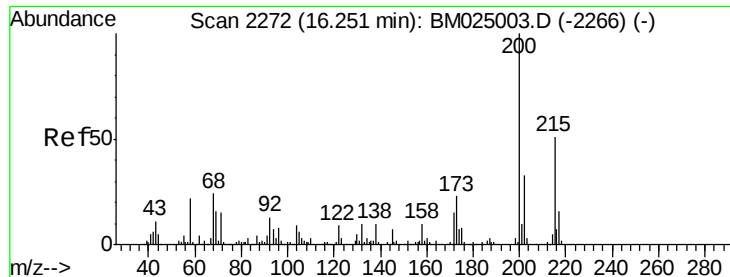


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Atrazine

Concen: 4.016 ng/ul

RT: 16.41 min Scan# 2299

Delta R.T. 0.16 min

Lab File: BM025006.D

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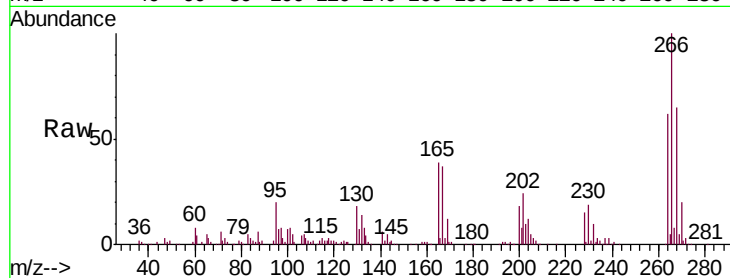
Tgt Ion:200 Resp: 46857

Ion Ratio Lower Upper

200 100

173 0.0 20.1 30.1#

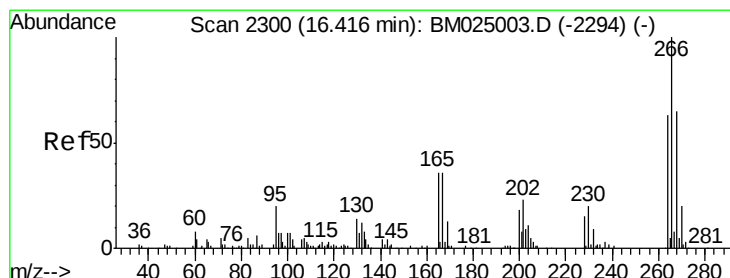
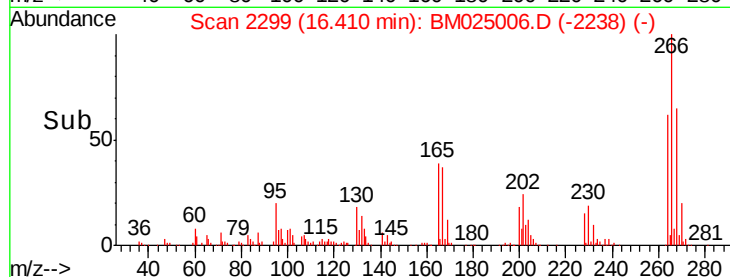
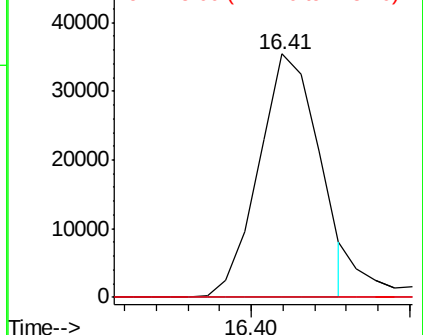
215 0.0 40.2 60.2#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 33.744 ng/ul

RT: 16.41 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BM025006.D

Acq: 22 Feb 2020 02:46

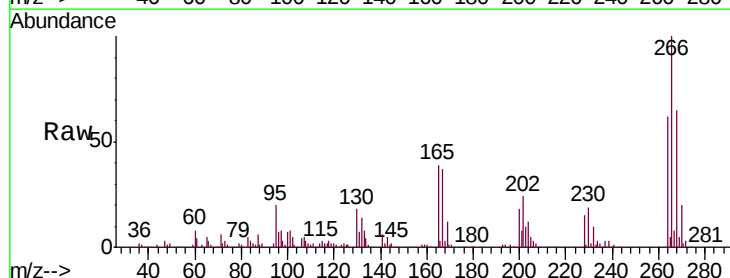
Tgt Ion:266 Resp: 290675

Ion Ratio Lower Upper

266 100

264 61.8 50.0 75.0

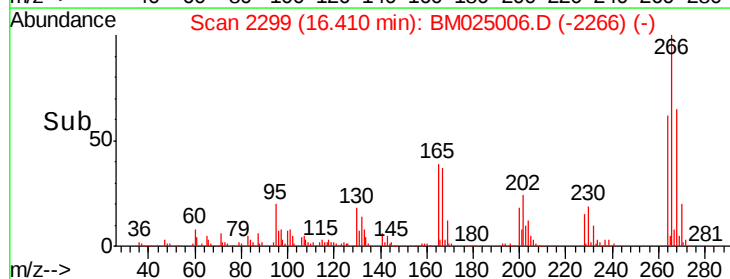
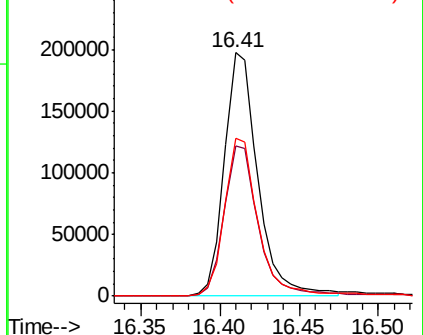
268 64.9 50.4 75.6

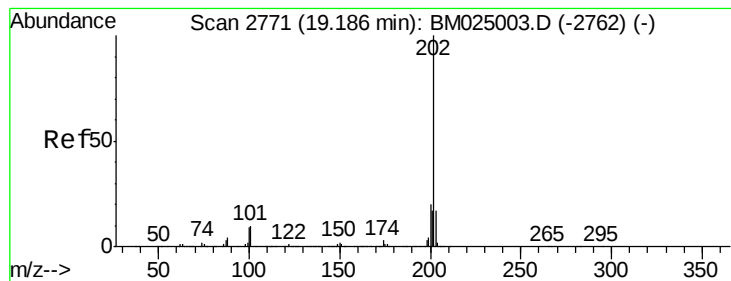


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

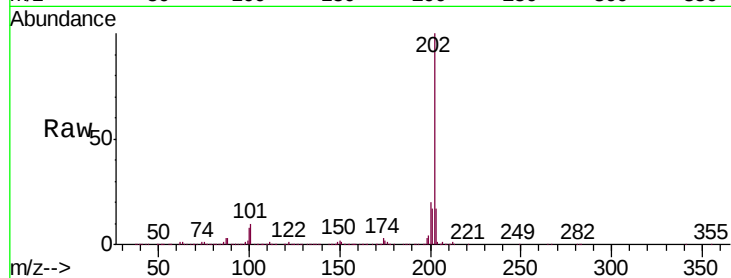




#80
 Pyrene
 Concen: 39.252 ng/ul
 RT: 19.19 min Scan# 2771
 Delta R.T. 0.00 min
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Tgt Ion: 202 Resp: 2719379
 Ion Ratio Lower Upper
 202 100
 101 10.3 7.0 10.4
 100 8.2 5.8 8.8



Abundance Ion 202.00 (201.70 to 202.70): E
 3000000 Ion 101.00 (100.70 to 101.70): E
 2500000 Ion 100.00 (99.70 to 100.70): BM

