

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072120\
 Data File : BM026806.D
 Acq On : 21 Jul 2020 13:59
 Operator : JU/CG
 Sample : L3336-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PMW-5

Quant Time: Jul 21 14:38:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 10:10:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	87753	20.00	ng/ul	0.01
18) Naphthalene-d8	10.13	136	365850	20.00	ng/ul	0.08
36) Acenaphthene-d10	13.97	164	249277	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	537002	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	458372	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	408590	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.87	96	315275	107.95	ng/uL	-0.04
5) Phenol-d5	6.52	99	57797	7.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	166413	30.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	149895	24.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	111356	17.32	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	100228	34.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	113884	36.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.74	165	199561	33.03	ng/ul	0.04
29) 4-Chloroaniline-d4	10.30	131	54	0.01	ng/ul	0.08
44) Dimethylphthalate-d6	13.40	166	719331	36.17	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	843939	35.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	22557	7.86	ng/ul	0.02
58) Fluorene-d10	14.97	176	615612	35.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	118232	35.24	ng/ul	0.00
71) Anthracene-d10	16.82	188	943131	35.66	ng/ul	0.00
79) Pyrene-d10	19.14	212	994034	41.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	826619	37.49	ng/ul	0.00

Target Compounds

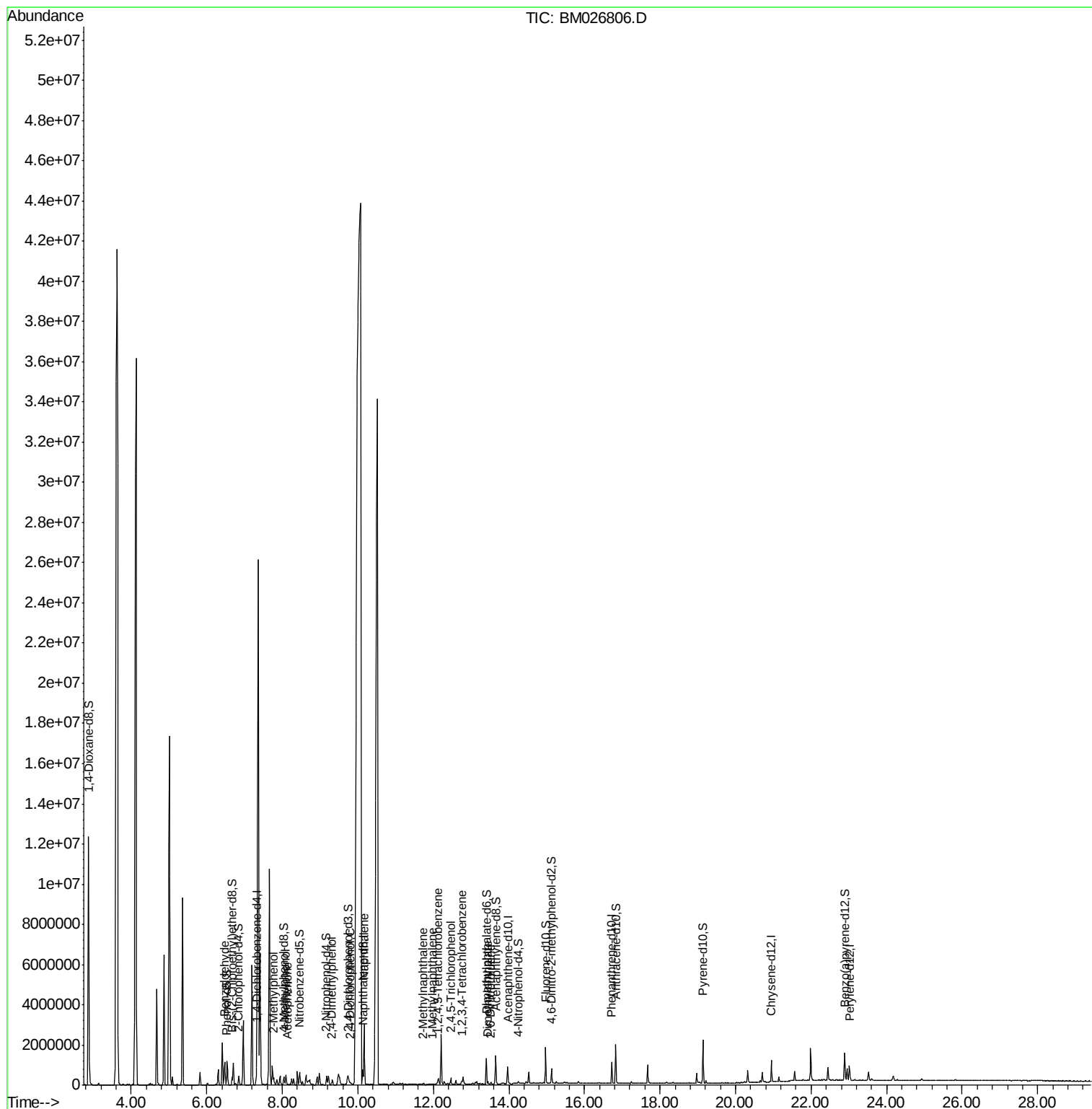
					Ovalue	
4) Benzaldehyde	6.47	77	111719	26.176	ng/ul#	1
11) 2-Methylphenol	7.77	108	83699	13.258	ng/ul	99
14) Acetophenone	8.14	105	13990	1.285	ng/ul#	95
16) 4-Methylphenol	8.10	108	107495	15.319	ng/ul	91
24) 2,4-Dimethylphenol	9.30	107	15514	1.887	ng/ul	97
27) 2,4-Dichlorophenol	9.80	162	65587	10.506	ng/ul#	89
28) Naphthalene	10.17	128	1628105	75.185	ng/ul	99
34) 2-Methylnaphthalene	11.74	142	26182	1.726	ng/ul	96
35) 1-Methylnaphthalene	11.96	142	14339	1.014	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	58568	6.464	ng/ul	99
40) 2,4,5-Trichlorophenol	12.46	196	83109	14.208	ng/ul	98
45) Dimethylphthalate	13.44	163	65413	3.143	ng/ul#	96
46) 2,6-Dinitrotoluene	13.52	165	11040	2.745	ng/ul#	38
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	39716	4.290	ng/uL	98

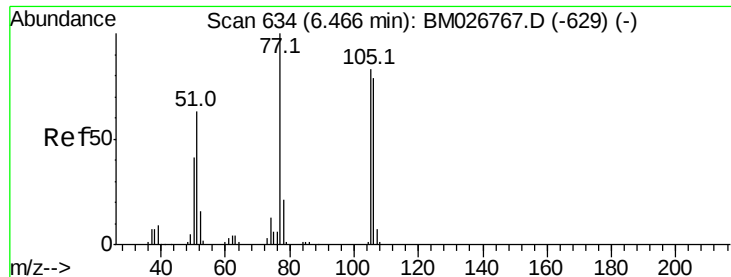
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072120\  
Data File : BM026806.D  
Acq On    : 21 Jul 2020   13:59  
Operator  : JU/CG  
Sample    : L3336-07  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
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Instrument :
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Quant Time: Jul 21 14:38:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 10:10:59 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 26.176 ng/ul

RT: 6.47 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

Instrument :

BNA_M

ClientSampleId :

PMW-5

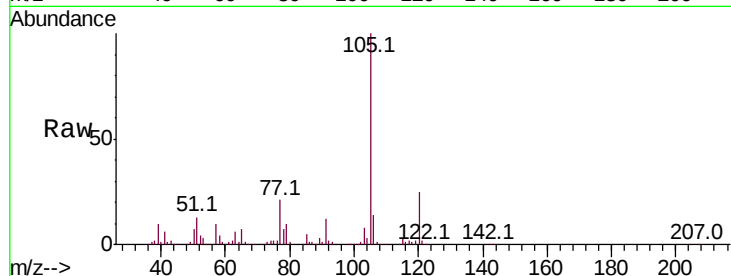
Tot Ion: 77 Resp: 111719

Ion Ratio Lower Upper

77 100

105 480.7 67.5 101.3#

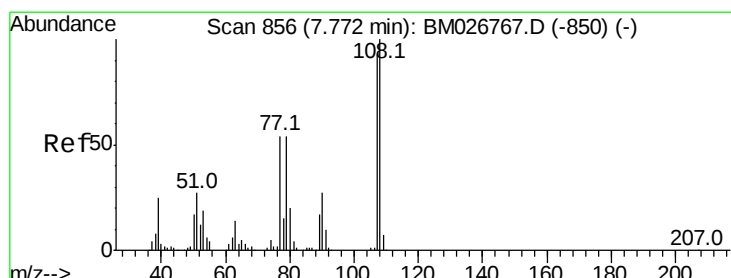
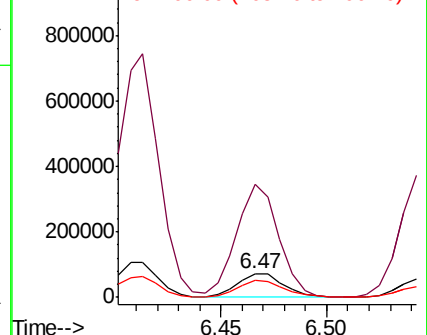
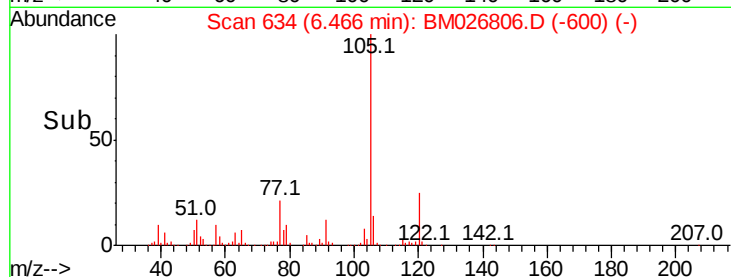
106 69.7 66.2 99.4



Abundance Ion 77.00 (76.70 to 77.70): BM026767.D (-629) (-)

Ion 105.00 (104.70 to 105.70): BM026767.D (-629) (-)

Ion 106.00 (105.70 to 106.70): BM026767.D (-629) (-)



#11

2-Methylphenol

Concen: 13.258 ng/ul

RT: 7.77 min Scan# 856

Delta R.T. 0.01 min

Lab File: BM026806.D

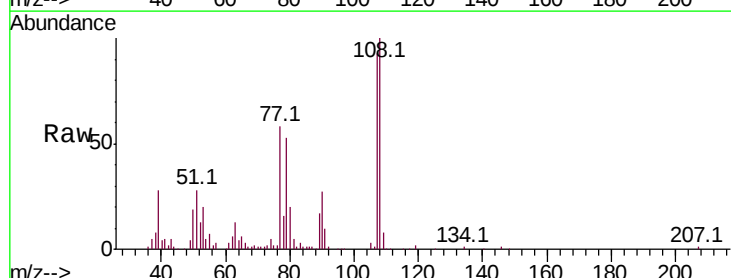
Acq: 21 Jul 2020 13:59

Tgt Ion: 108 Resp: 83699

Ion Ratio Lower Upper

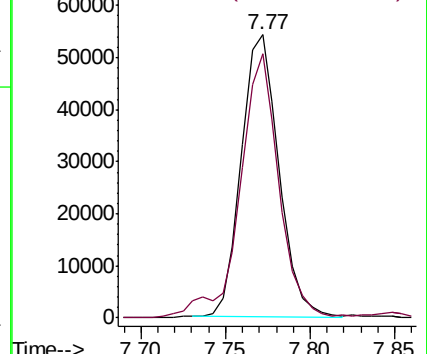
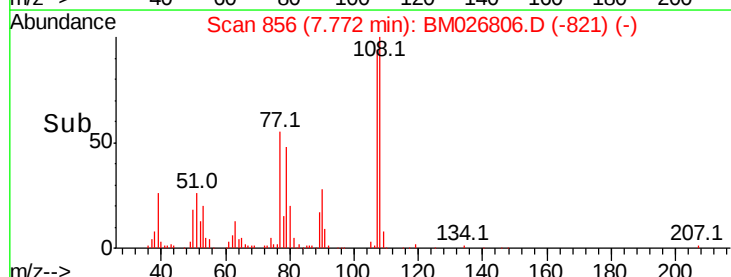
108 100

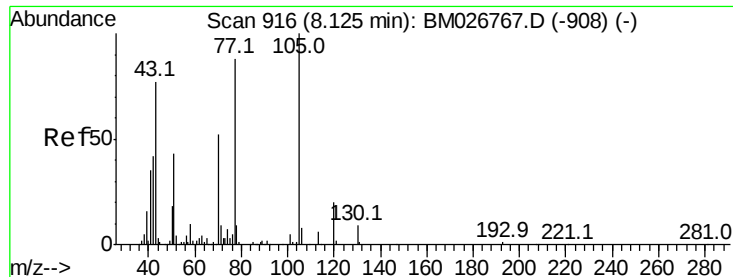
107 93.2 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): BM026767.D (-850) (-)

Ion 107.00 (106.70 to 107.70): BM026767.D (-850) (-)





#14

Acetophenone

Concen: 1.285 ng/ul

RT: 8.14 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

Instrument :

BNA_M

ClientSampleId :

PMW-5

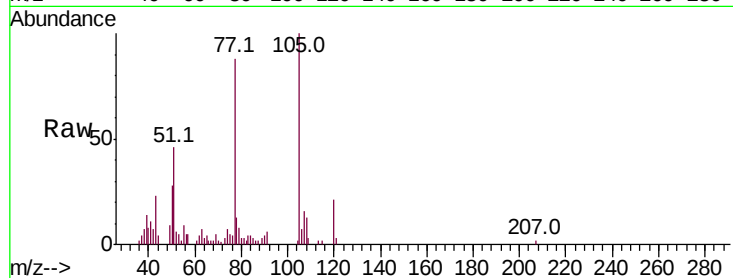
Tot Ion:105 Resp: 13990

Ion Ratio Lower Upper

105 100

77 88.4 69.8 104.6

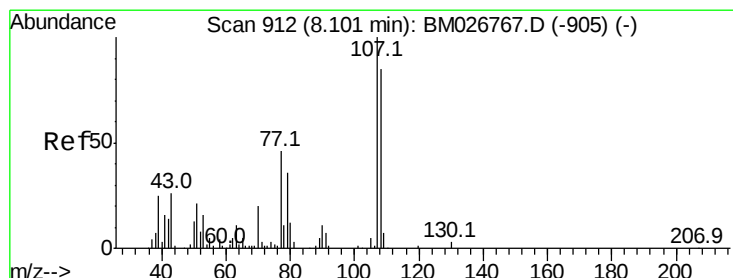
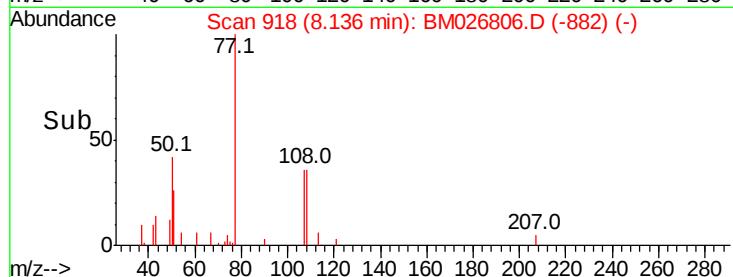
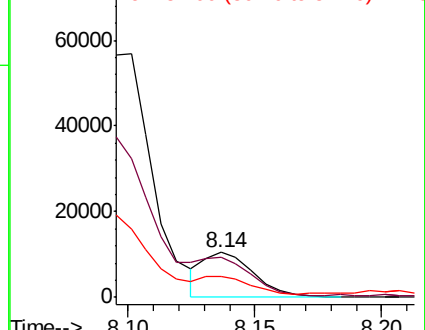
51 45.8 30.5 45.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#16

4-Methylphenol

Concen: 15.319 ng/ul

RT: 8.10 min Scan# 911

Delta R.T. -0.00 min

Lab File: BM026806.D

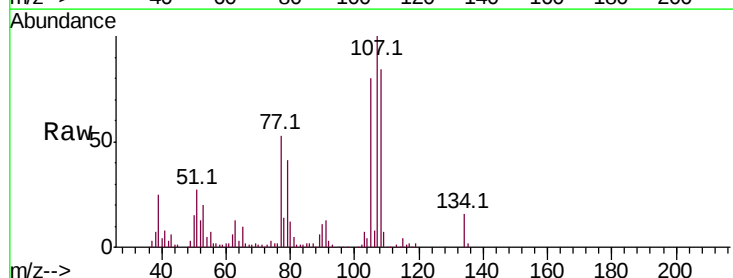
Acq: 21 Jul 2020 13:59

Tgt Ion:108 Resp: 107495

Ion Ratio Lower Upper

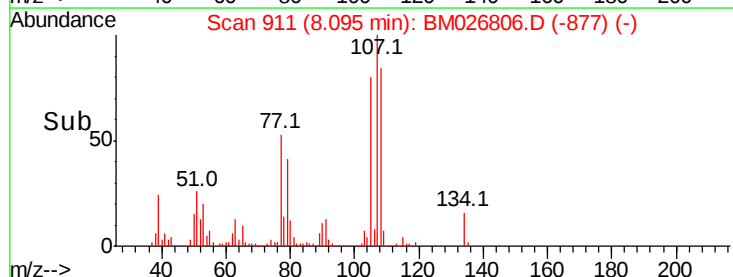
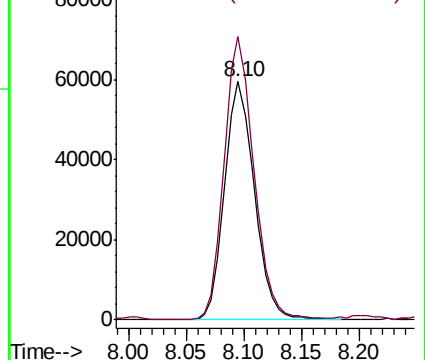
108 100

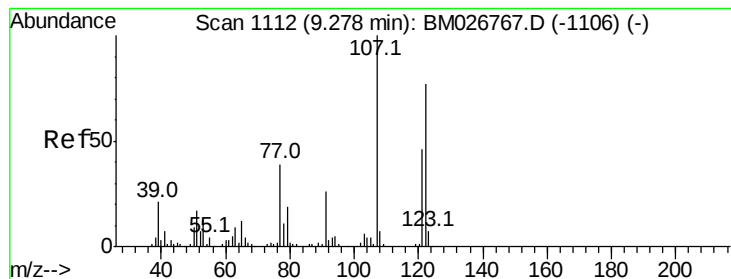
107 118.9 87.4 131.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#24

2,4-Dimethylphenol

Concen: 1.887 ng/ul

RT: 9.30 min Scan# 1115

Delta R.T. 0.02 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

Instrument :

BNA_M

ClientSampled :

PMW-5

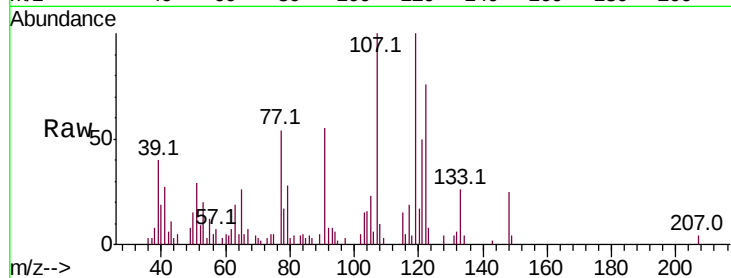
Tot Ion:107 Resp: 15514

Ion Ratio Lower Upper

107 100

121 49.8 38.1 57.1

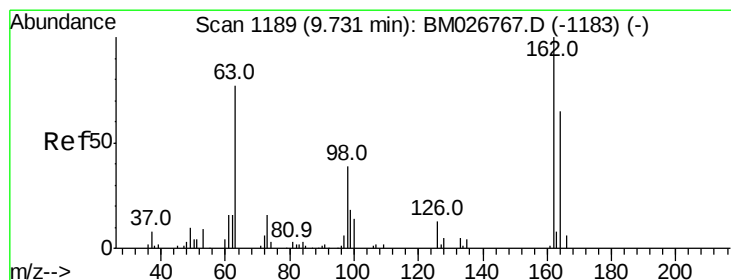
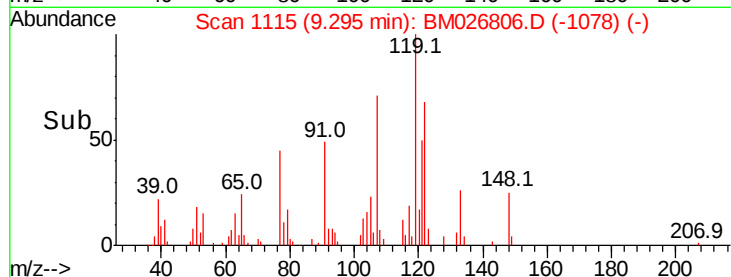
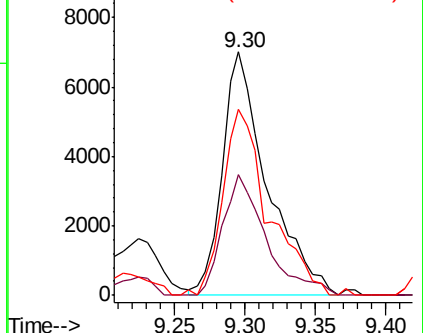
122 76.4 62.7 94.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#27

2,4-Dichlorophenol

Concen: 10.506 ng/ul

RT: 9.80 min Scan# 1201

Delta R.T. 0.08 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

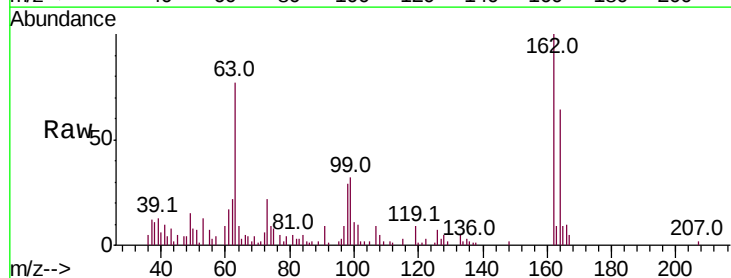
Tgt Ion:162 Resp: 65587

Ion Ratio Lower Upper

162 100

164 63.8 55.0 82.6

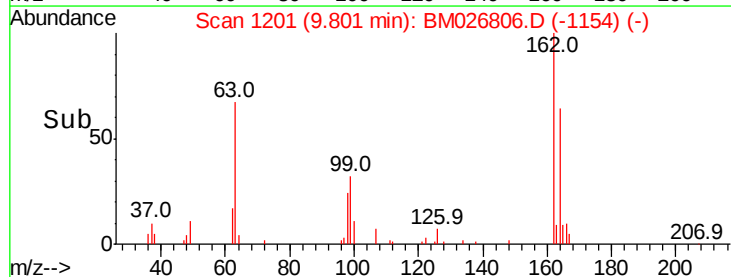
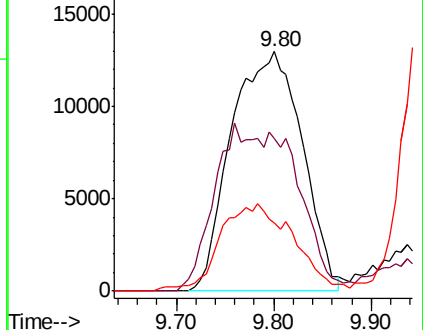
98 28.6 31.9 47.9#

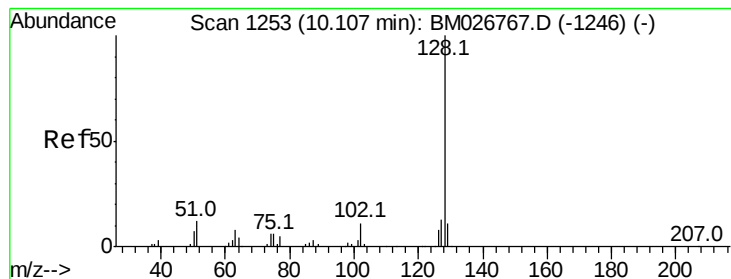


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BMO





#28

Naphthalene

Concen: 75.185 ng/ul

RT: 10.17 min Scan# 1263

Delta R.T. 0.06 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

Instrument :

BNA_M

ClientSampleId :

PMW-5

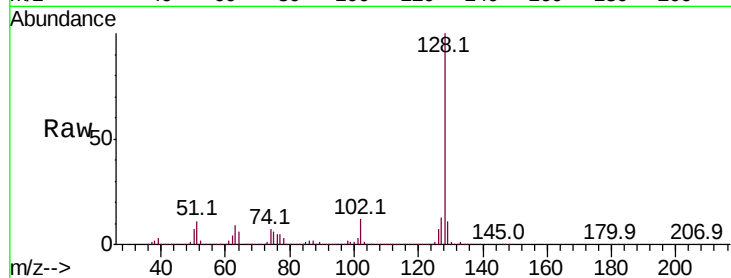
Tot Ion:128 Resp: 1628105

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

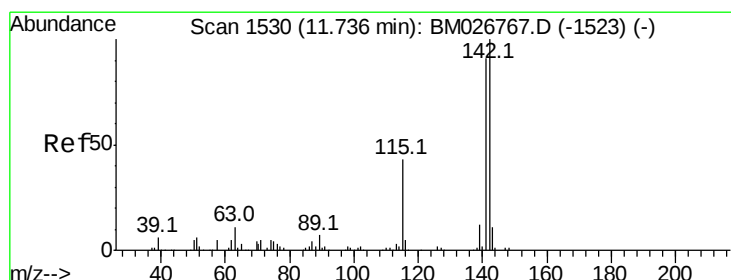
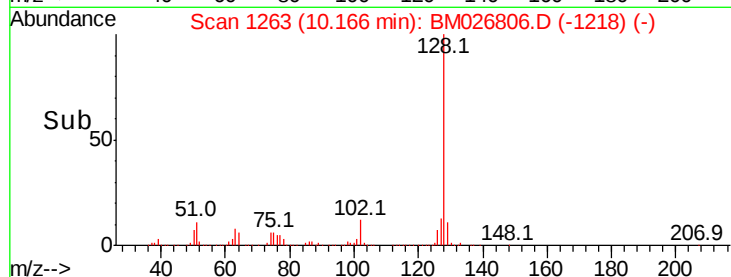
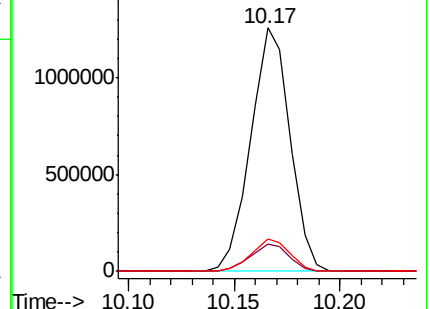
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.726 ng/ul

RT: 11.74 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BM026806.D

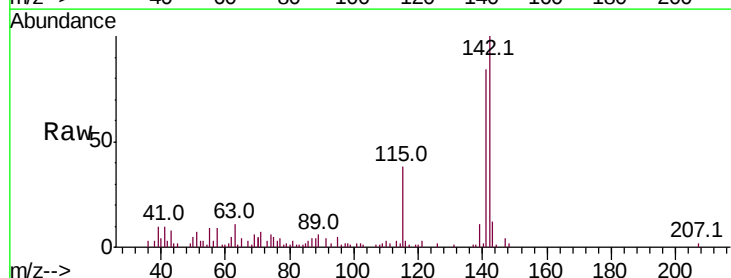
Acq: 21 Jul 2020 13:59

Tgt Ion:142 Resp: 26182

Ion Ratio Lower Upper

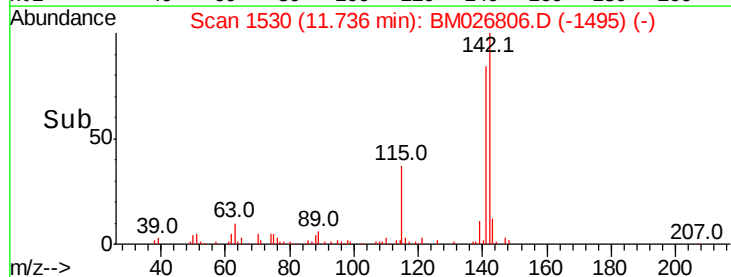
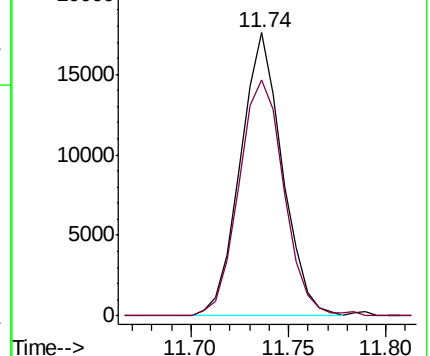
142 100

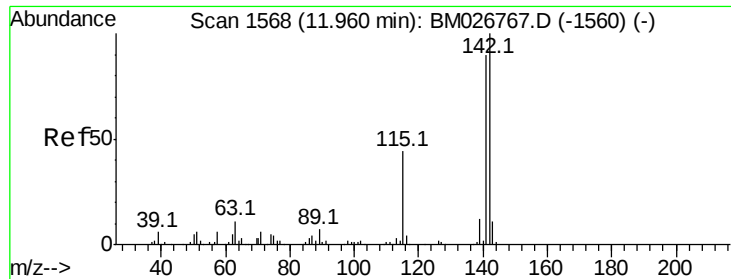
141 83.5 69.9 104.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 1.014 ng/ul

RT: 11.96 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

Instrument :

BNA_M

ClientSampleId :

PMW-5

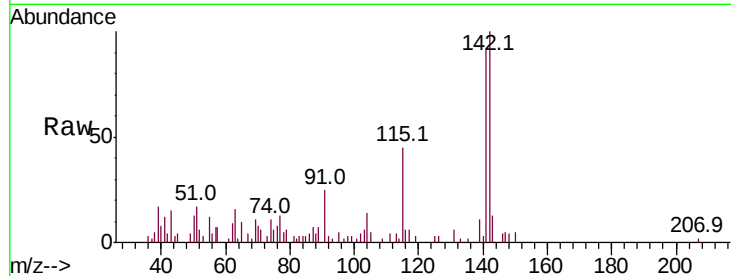
Tot Ion:142 Resp: 14339

Ion Ratio Lower Upper

142 100

141 91.6 72.7 109.1

116 5.5 3.7 5.5

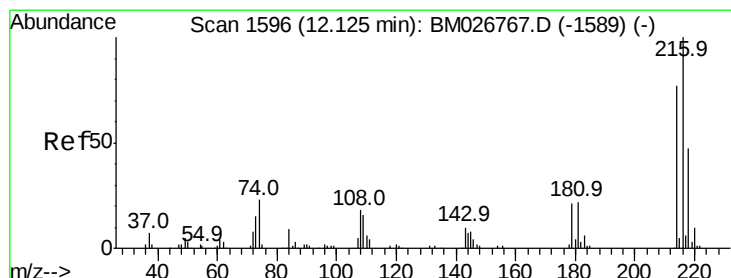
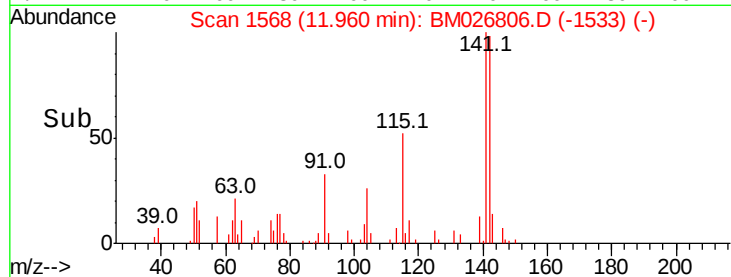
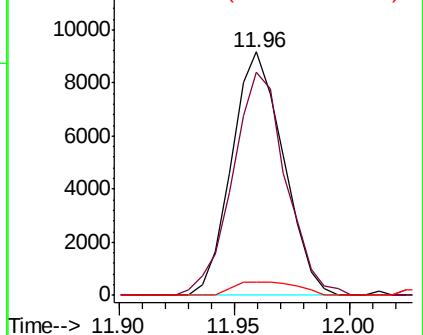


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 6.464 ng/ul

RT: 12.12 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM026806.D

Acq: 21 Jul 2020 13:59

Tgt Ion:216 Resp: 58568

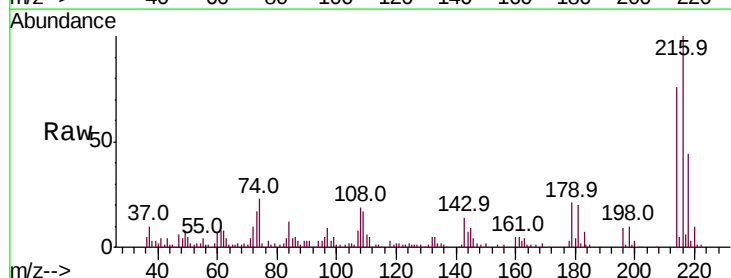
Ion Ratio Lower Upper

216 100

214 76.2 61.5 92.3

179 20.9 17.4 26.2

108 18.7 15.0 22.6



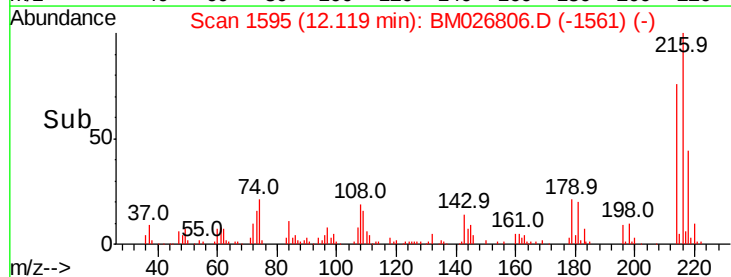
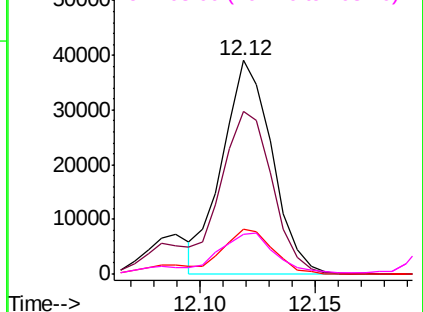
Abundance

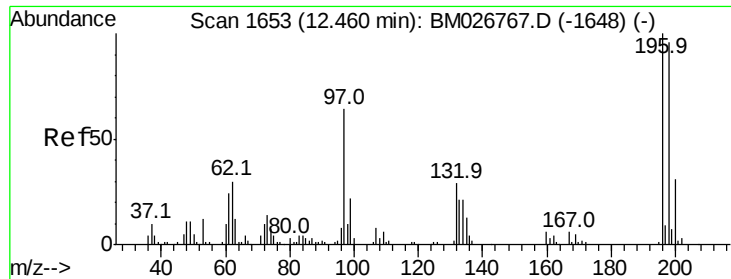
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

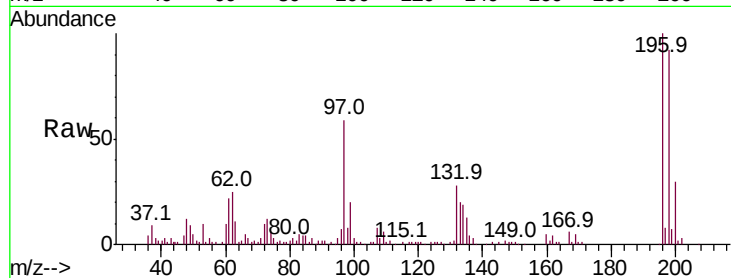




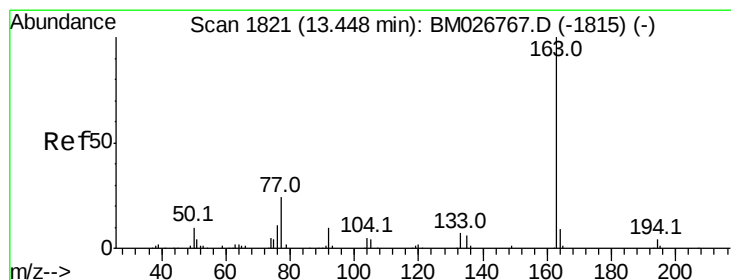
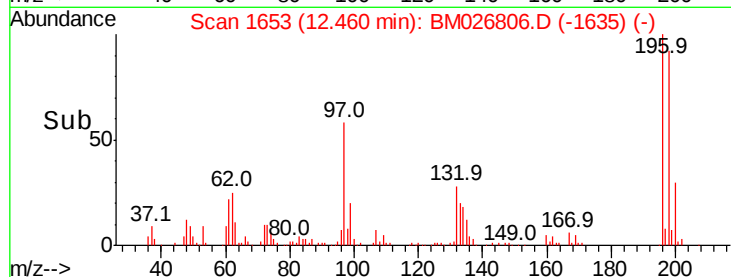
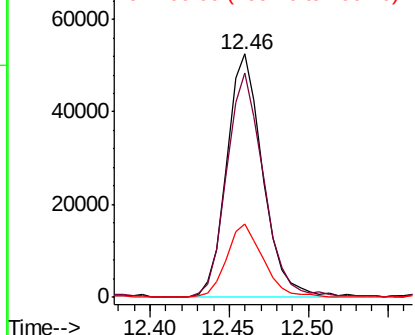
#40
 2,4,5-Trichlorophenol
 Concen: 14.208 ng/ul
 RT: 12.46 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BM026806.D
 Acq: 21 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PMW-5

Tot Ion:196 Resp: 83109
 Ion Ratio Lower Upper
 196 100
 198 92.4 72.4 108.6
 200 30.4 23.8 35.8

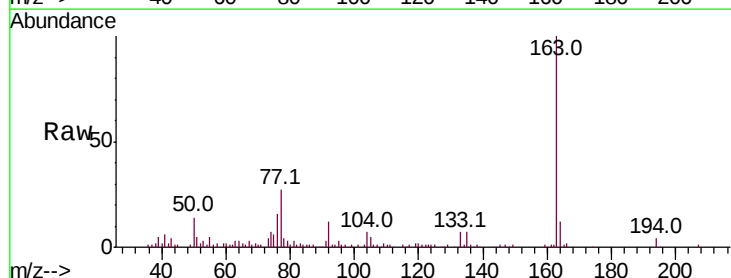


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

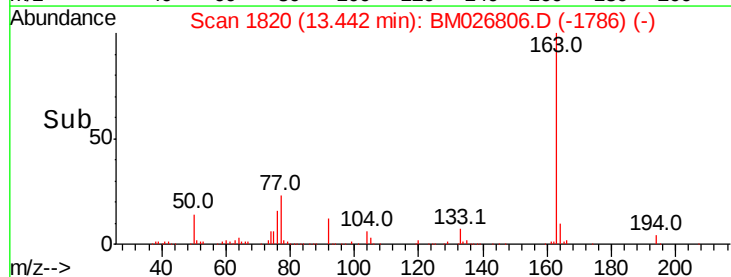
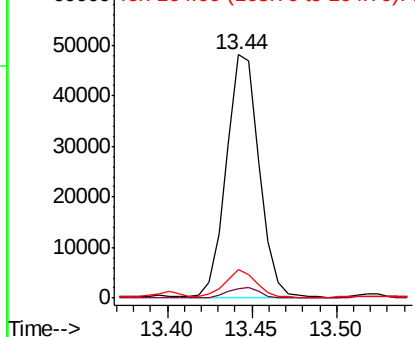


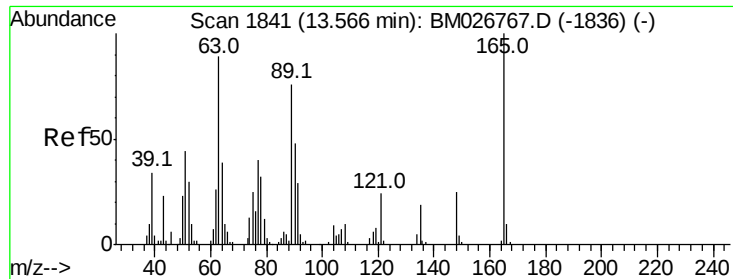
#45
 Dimethylphthalate
 Concen: 3.143 ng/ul
 RT: 13.44 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BM026806.D
 Acq: 21 Jul 2020 13:59

Tgt Ion:163 Resp: 65413
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.5 5.3
 164 11.7 7.8 11.6#



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

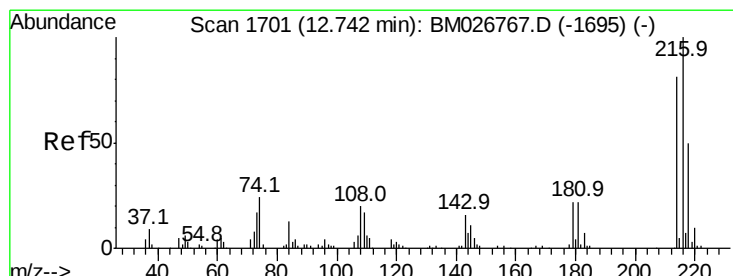
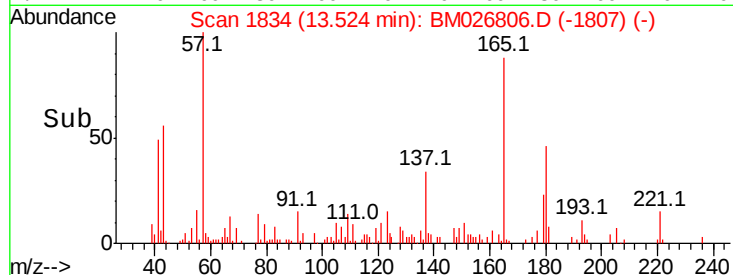
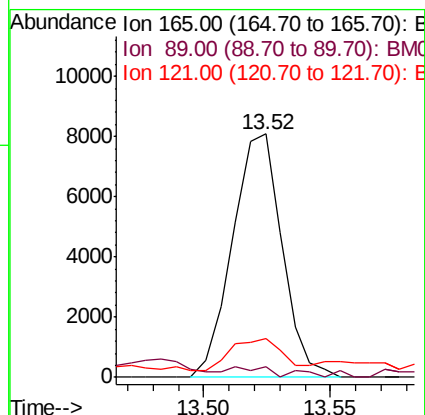
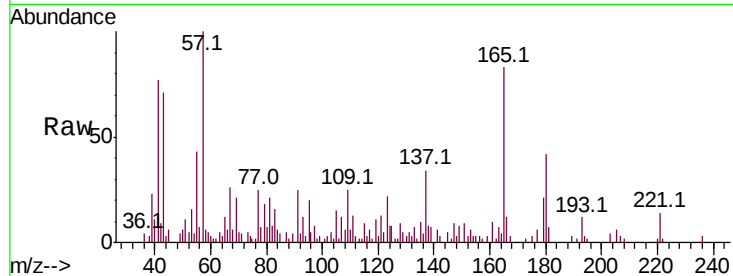




#46
 2,6-Dinitrotoluene
 Concen: 2.745 ng/uL
 RT: 13.52 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BM026806.D
 Acq: 21 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampled :
 PMW-5

Tot Ion:165 Resp: 11040
 Ion Ratio Lower Upper
 165 100
 89 4.6 54.2 81.4#
 121 15.7 18.2 27.4#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.290 ng/uL
 RT: 12.74 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BM026806.D
 Acq: 21 Jul 2020 13:59

Tgt Ion:216 Resp: 39716
 Ion Ratio Lower Upper
 216 100
 214 77.5 63.8 95.8
 218 47.6 38.5 57.7

