

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019480.D
 Acq On : 26 Mar 2019 21:05
 Operator : JU/SJ
 Sample : K2063-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6R9

Quant Time: Mar 27 03:42:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	166565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	693542	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	400651	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	904436	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1017615	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1043814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12073	2.84	ng/uL	0.00
5) Phenol-d5	6.79	99	106104	7.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	265928	26.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.14	132	290235	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	194593	17.48	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	227388	45.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	193330	35.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	337857	32.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	7862	0.63	ng/ul	0.04
44) Dimethylphthalate-d6	13.67	166	1078445	33.36	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1339180	33.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	39097	7.72	ng/ul	0.02
58) Fluorene-d10	15.26	176	935040	33.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	189110	31.62	ng/ul	0.00
71) Anthracene-d10	17.12	188	1542733	35.55	ng/ul	0.00
79) Pyrene-d10	19.42	212	1728172	36.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1841286	33.27	ng/ul	0.00

Target Compounds

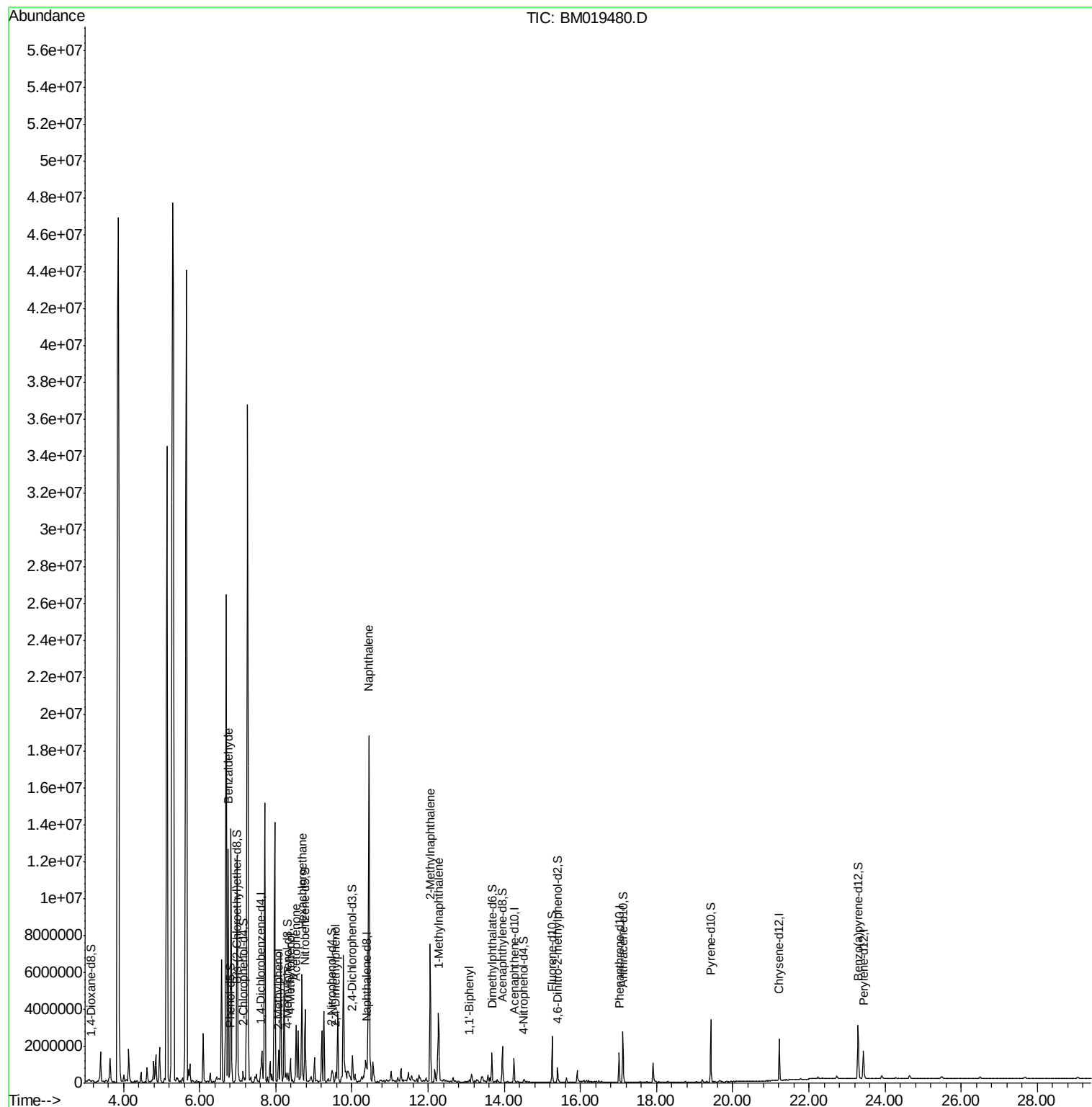
					Qvalue	
4) Benzaldehyde	6.75	77	902471	84.940	ng/ul#	1
11) 2-Methylphenol	8.05	108	26088	2.417	ng/ul	97
14) Acetophenone	8.53	105	233235	12.863	ng/ul	94
16) 4-Methylphenol	8.38	108	33884	2.862	ng/ul	89
17) Hexachloroethane	8.69	117	741775	154.443	ng/ul#	1
24) 2,4-Dimethylphenol	9.57	107	38527	2.919	ng/ul	96
28) Naphthalene	10.45	128	15707474	437.188	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	3511004	139.463	ng/ul	100
35) 1-Methylnaphthalene	12.28	142	1631877	68.651	ng/ul	96
41) 1,1'-Biphenyl	13.08	154	62349	1.827	ng/ul#	91

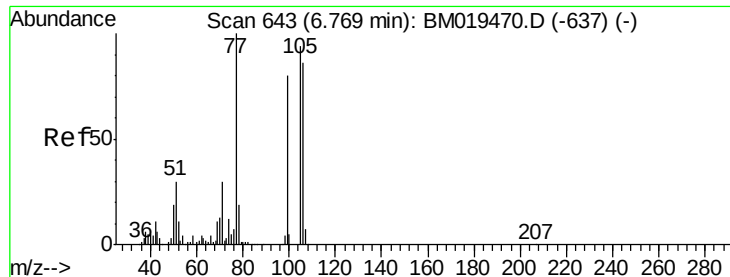
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 84.940 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM019480.D

Acq: 26 Mar 2019 21:05

Instrument :

BNA_M

ClientSampleId :

DB6R9

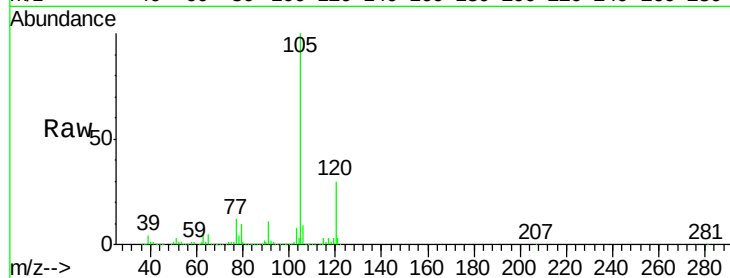
Tgt Ion: 77 Resp: 902471

Ion Ratio Lower Upper

77 100

105 808.8 71.0 106.6#

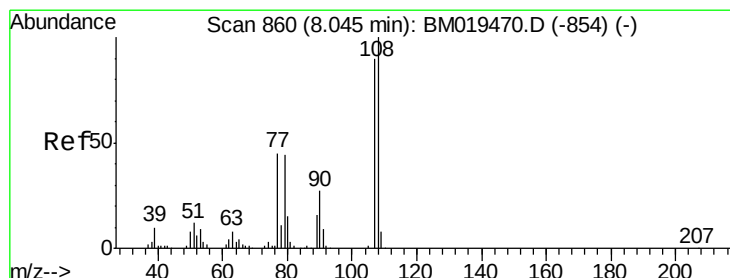
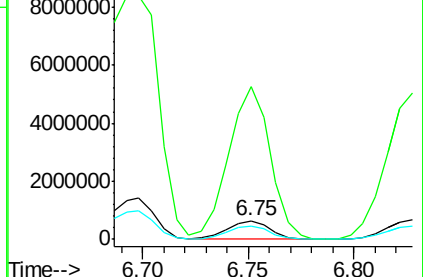
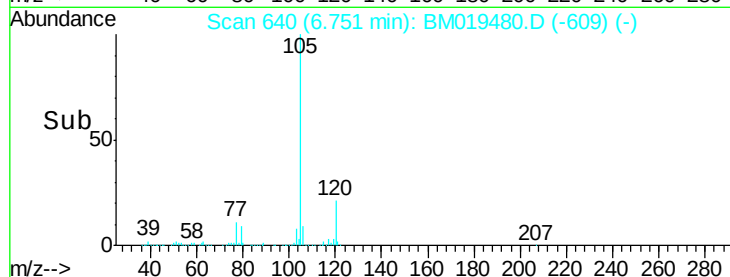
106 72.9 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM019480.D (-609) (-)

Ion 105.00 (104.70 to 105.70): BM019480.D (-609) (-)

Ion 106.00 (105.70 to 106.70): BM019480.D (-609) (-)



#11

2-Methylphenol

Concen: 2.417 ng/ul

RT: 8.05 min Scan# 861

Delta R.T. 0.01 min

Lab File: BM019480.D

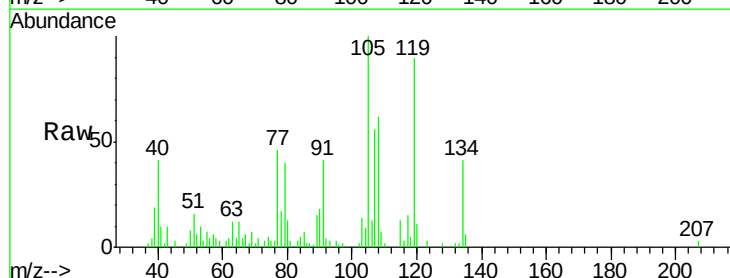
Acq: 26 Mar 2019 21:05

Tgt Ion: 108 Resp: 26088

Ion Ratio Lower Upper

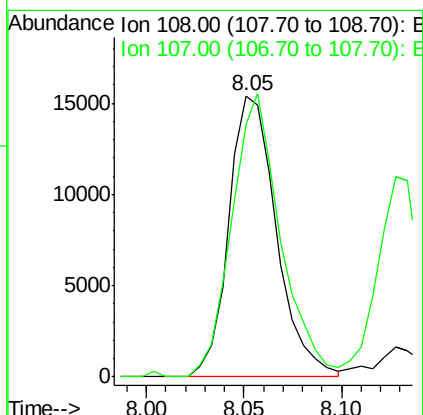
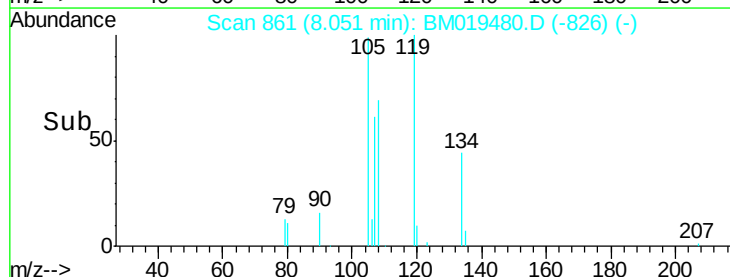
108 100

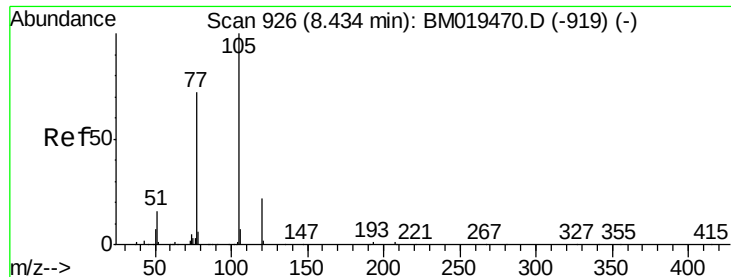
107 89.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): BM019480.D (-826) (-)

Ion 107.00 (106.70 to 107.70): BM019480.D (-826) (-)





#14

Acetophenone

Concen: 12.863 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. 0.10 min

Lab File: BM019480.D

Acq: 26 Mar 2019 21:05

Instrument :

BNA_M

ClientSampleId :

DB6R9

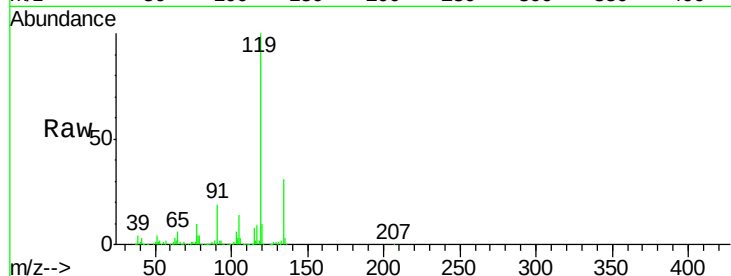
Tgt Ion:105 Resp: 233235

Ion Ratio Lower Upper

105 100

77 72.7 63.2 94.8

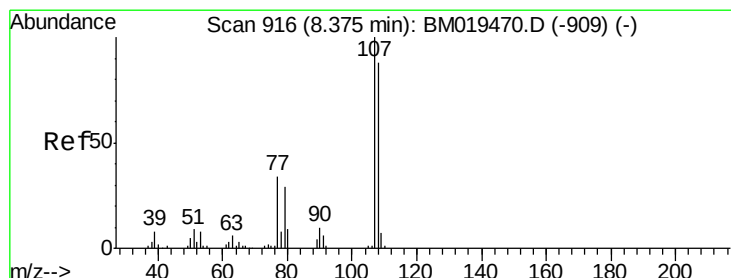
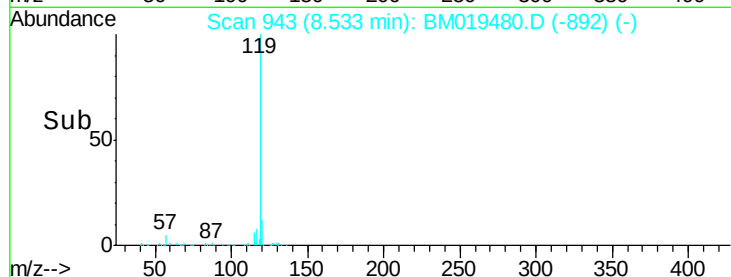
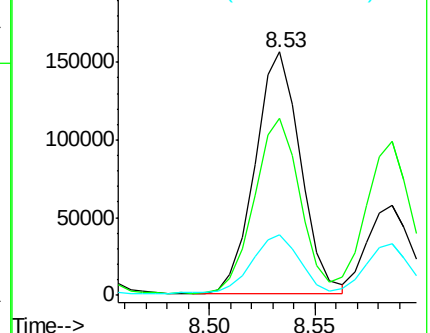
51 24.9 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 2.862 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM019480.D

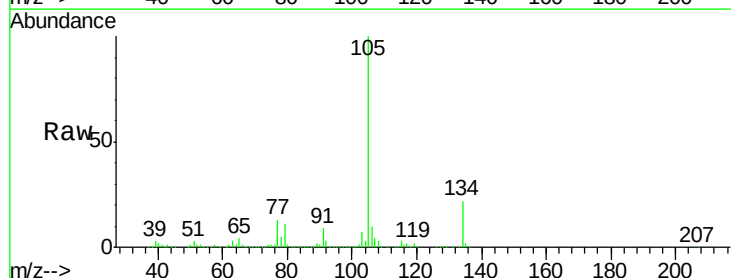
Acq: 26 Mar 2019 21:05

Tgt Ion:108 Resp: 33884

Ion Ratio Lower Upper

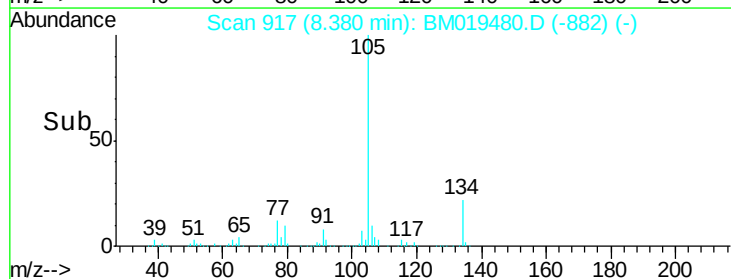
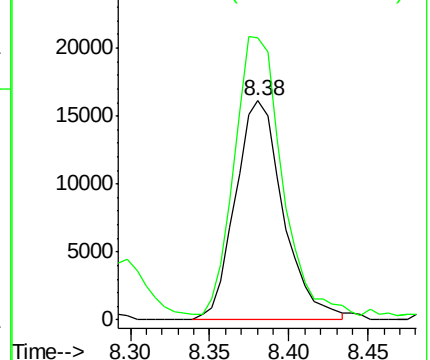
108 100

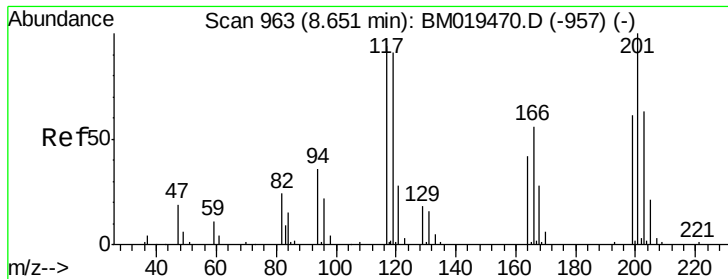
107 128.8 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 154.443 ng/ul

RT: 8.69 min Scan# 970

Delta R.T. 0.04 min

Lab File: BM019480.D

Acq: 26 Mar 2019 21:05

Instrument :

BNA_M

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DB6R9

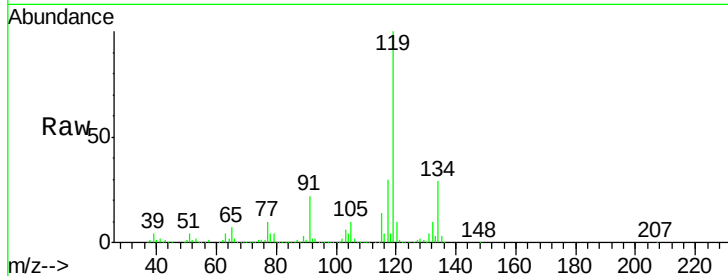
Tgt Ion:117 Resp: 741775

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

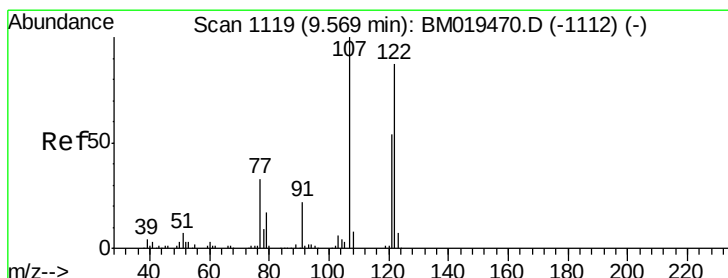
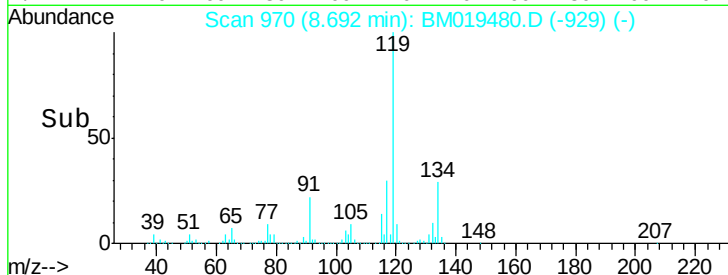
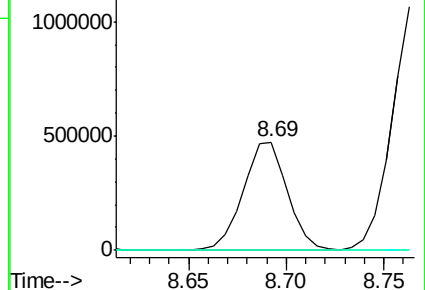
199 0.0 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 2.919 ng/ul

RT: 9.57 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BM019480.D

Acq: 26 Mar 2019 21:05

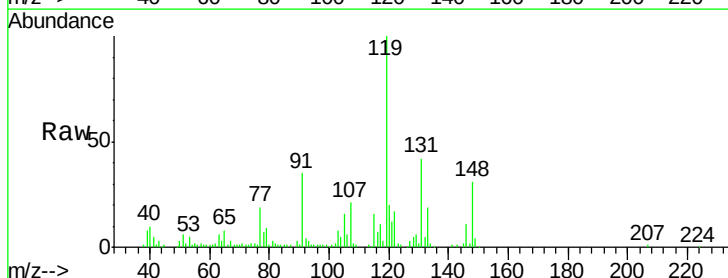
Tgt Ion:107 Resp: 38527

Ion Ratio Lower Upper

107 100

121 54.7 38.1 57.1

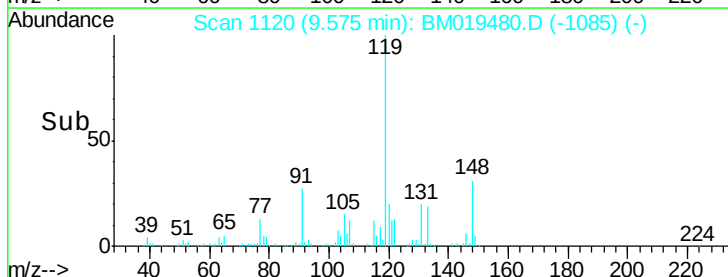
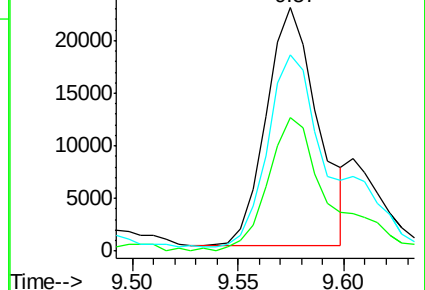
122 80.5 63.8 95.8

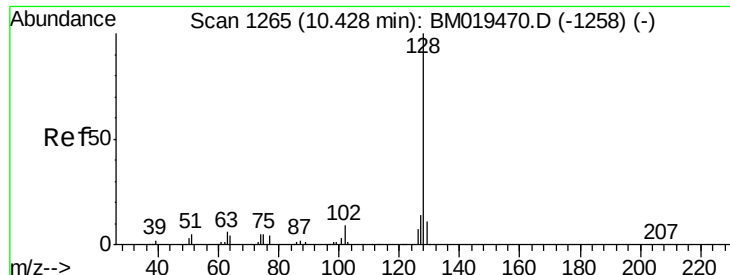


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

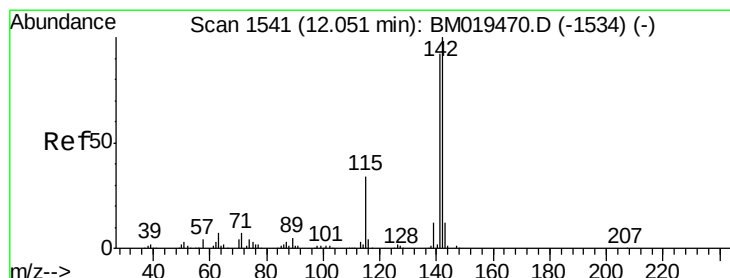
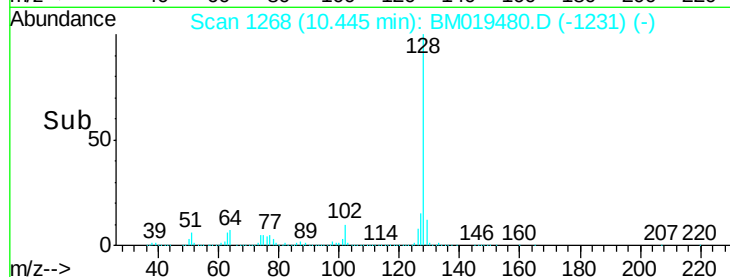
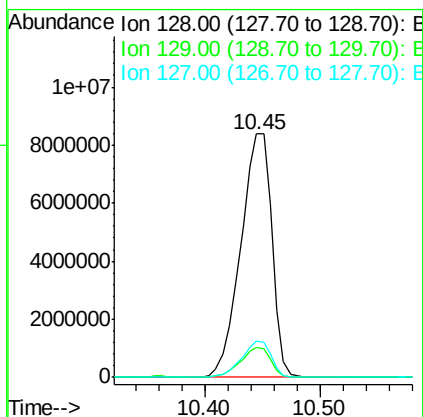
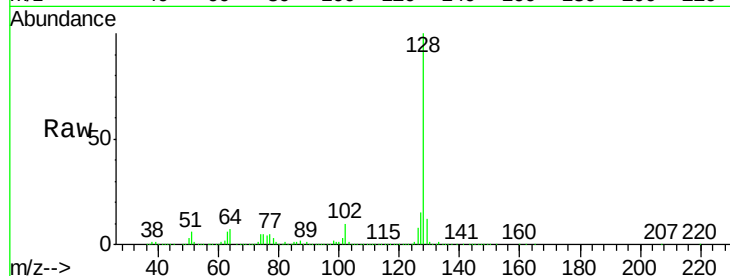




#28
Naphthalene
Concen: 437.188 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.02 min
Lab File: BM019480.D
Acq: 26 Mar 2019 21:05

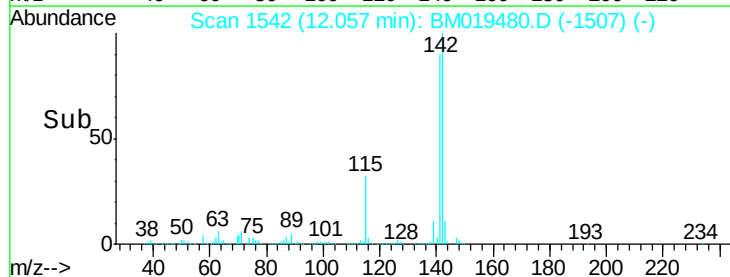
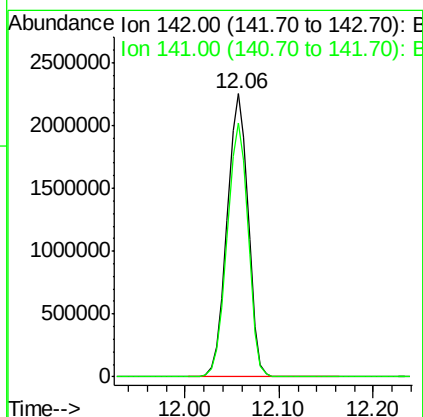
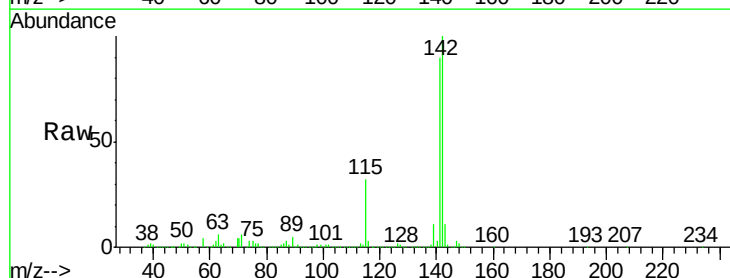
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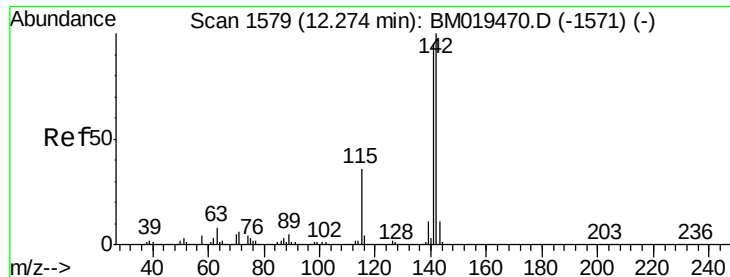
Tgt Ion:128 Resp:15707474
Ion Ratio Lower Upper
128 100
129 12.4 8.3 12.5
127 14.9 10.8 16.2



#34
2-Methylnaphthalene
Concen: 139.463 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BM019480.D
Acq: 26 Mar 2019 21:05

Tgt Ion:142 Resp: 3511004
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2

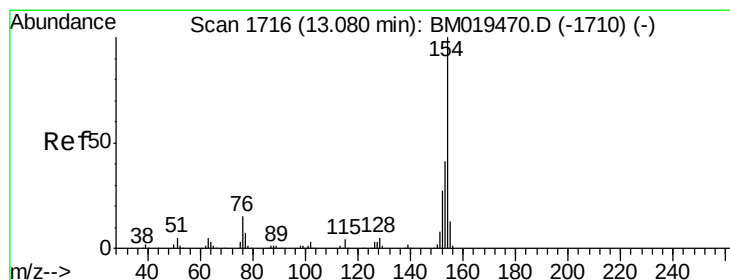
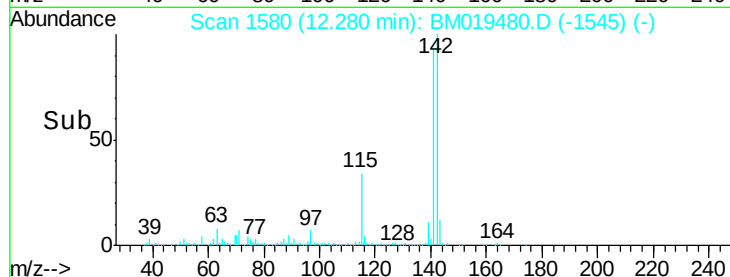
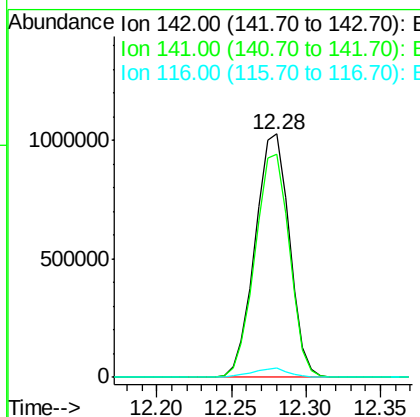
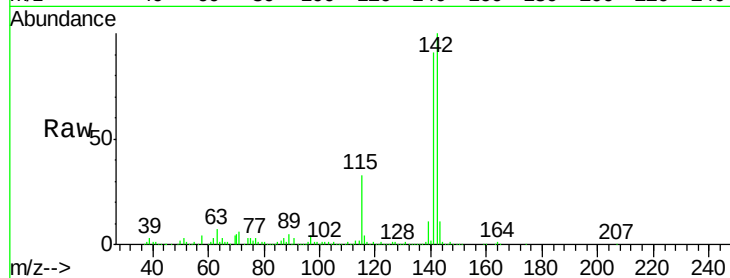




#35
 1-Methylnaphthalene
 Concen: 68.651 ng/ul
 RT: 12.28 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BM019480.D
 Acq: 26 Mar 2019 21:05

Instrument :
 BNA_M
 ClientSampleId :
 DB6R9

Tgt Ion:142 Resp: 1631877
 Ion Ratio Lower Upper
 142 100
 141 91.5 76.6 115.0
 116 3.7 3.6 5.4



#41
 1,1'-Biphenyl
 Concen: 1.827 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM019480.D
 Acq: 26 Mar 2019 21:05

Tgt Ion:154 Resp: 62349
 Ion Ratio Lower Upper
 154 100
 153 37.7 34.0 51.0
 76 16.6 8.4 12.6#

