

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
 Data File : BM019682.D
 Acq On : 02 Apr 2019 07:34
 Operator : JU/SJ
 Sample : K2119-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5B6

Quant Time: Apr 02 08:26:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 02 08:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	254486	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	1073307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	533302	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	926664	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	816034	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	955127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	28300	4.35	ng/uL	0.00
5) Phenol-d5	6.76	99	318790	14.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	221353	14.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	269886	15.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	251838	14.80	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	127547	16.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	135365	15.89	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	247963	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	133286	6.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	715336	16.62	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	855869	15.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	24743	3.67	ng/ul	0.01
58) Fluorene-d10	15.23	176	552159	14.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	16987	2.77	ng/ul	0.00
71) Anthracene-d10	17.09	188	686053	15.43	ng/ul	0.00
79) Pyrene-d10	19.40	212	592645	15.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	677390	13.38	ng/ul	0.00

Target Compounds

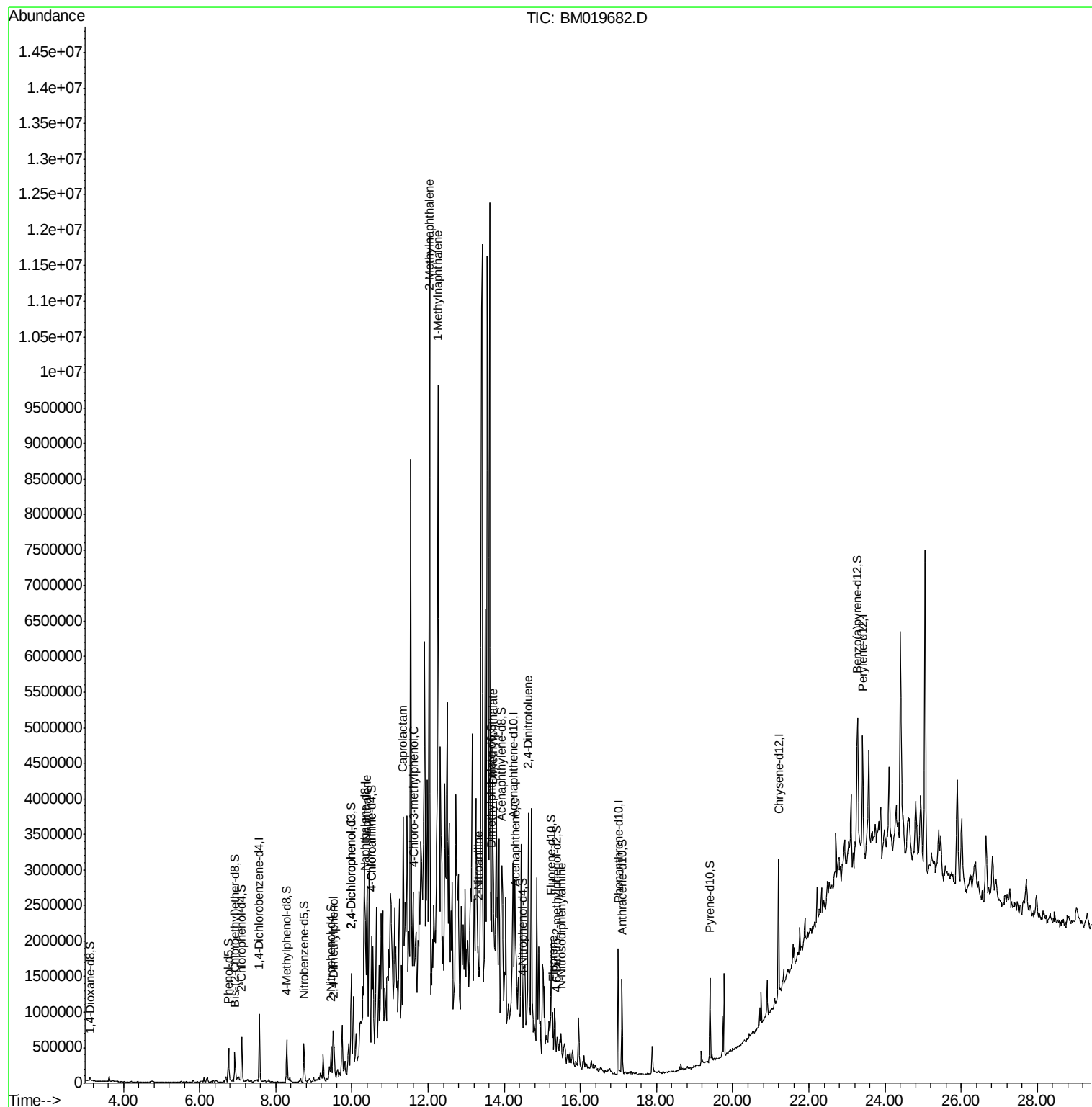
					Qvalue	
24) 2,4-Dimethylphenol	9.52	107	44066	2.157	ng/ul#	31
27) 2,4-Dichlorophenol	9.99	162	21493	1.353	ng/ul#	89
28) Naphthalene	10.40	128	801063	14.407	ng/ul#	93
30) 4-Chloroaniline	10.52	127	29622	1.457	ng/ul#	1
32) Caprolactam	11.35	113	130085	27.575	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.62	107	30768	1.797	ng/ul#	31
34) 2-Methylnaphthalene	12.04	142	5296298	135.940	ng/ul	100
35) 1-Methylnaphthalene	12.26	142	3548369	96.458	ng/ul	98
43) 2-Nitroaniline	13.32	65	17315	1.813	ng/ul#	1
45) Dimethylphthalate	13.70	163	99357	2.301	ng/ul#	97
50) Acenaphthene	14.30	153	40790	1.086	ng/ul#	79
55) 2,4-Dinitrotoluene	14.63	165	53626	4.569	ng/ul#	13
59) Fluorene	15.29	166	66201	1.593	ng/ul#	97
65) N-Nitrosodiphenylamine	15.49	169	85722	2.973	ng/ul#	39

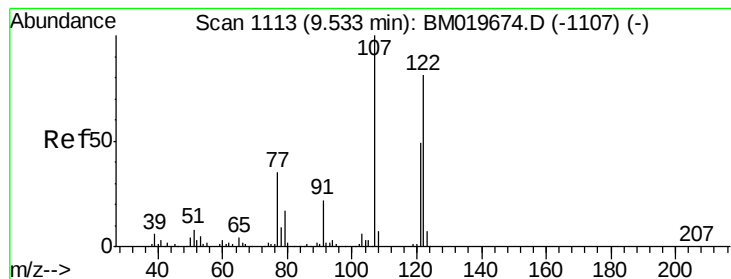
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
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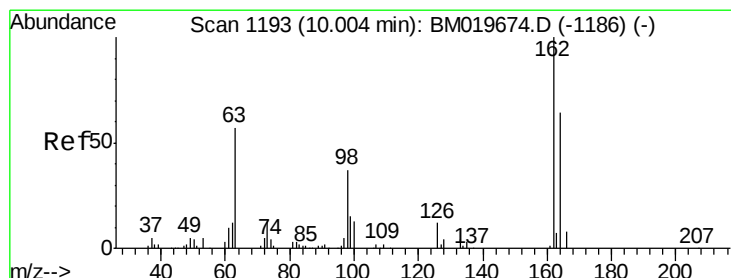
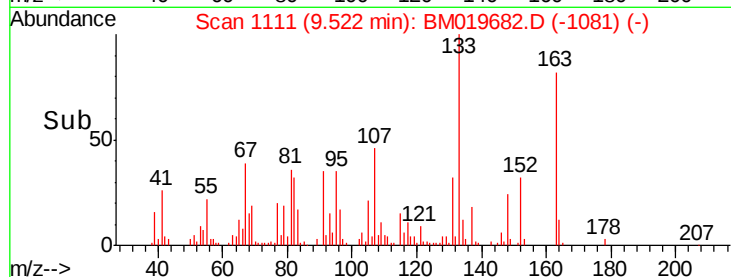
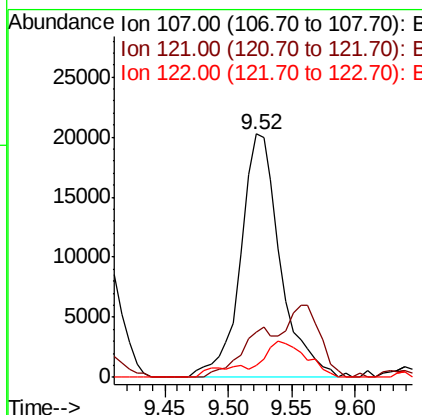
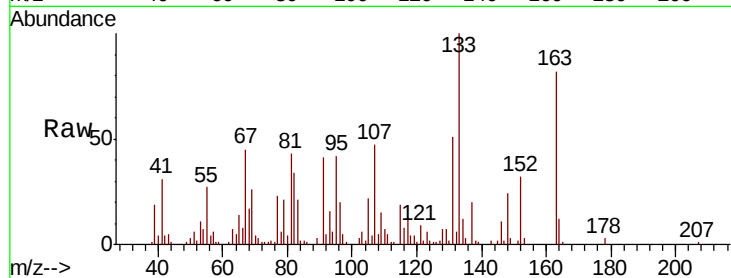




#24
 2,4-Dimethylphenol
 Concen: 2.157 ng/ul
 RT: 9.52 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BM019682.D
 Acq: 02 Apr 2019 07:34

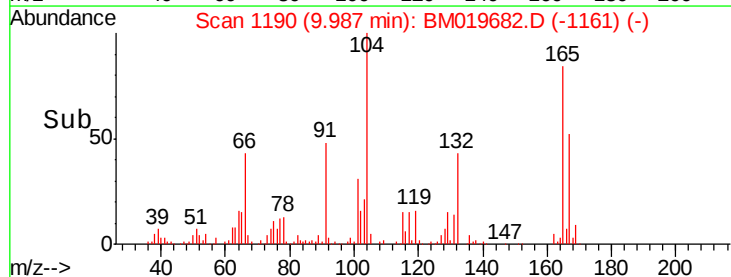
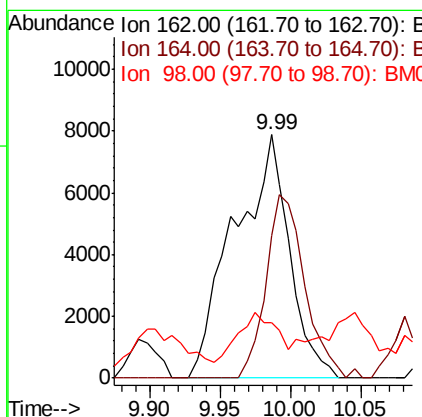
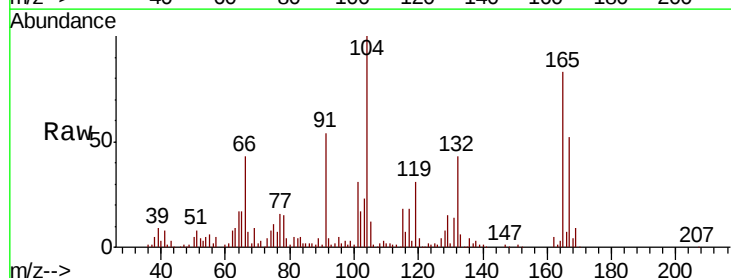
Instrument :
 BNA_M
 ClientSampled :
 BF5B6

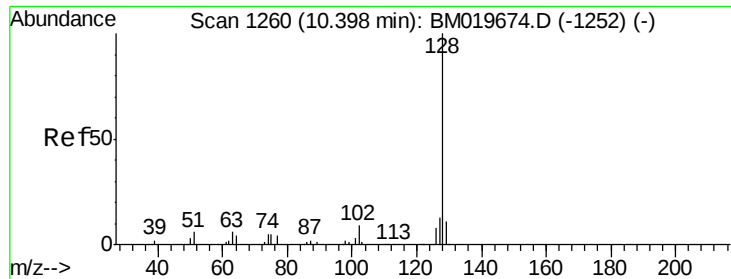
Tgt Ion:107 Resp: 44066
 Ion Ratio Lower Upper
 107 100
 121 18.7 38.1 57.1#
 122 5.1 63.8 95.8#



#27
 2,4-Dichlorophenol
 Concen: 1.353 ng/ul
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.03 min
 Lab File: BM019682.D
 Acq: 02 Apr 2019 07:34

Tgt Ion:162 Resp: 21493
 Ion Ratio Lower Upper
 162 100
 164 58.6 52.0 78.0
 98 23.0 26.6 39.8#

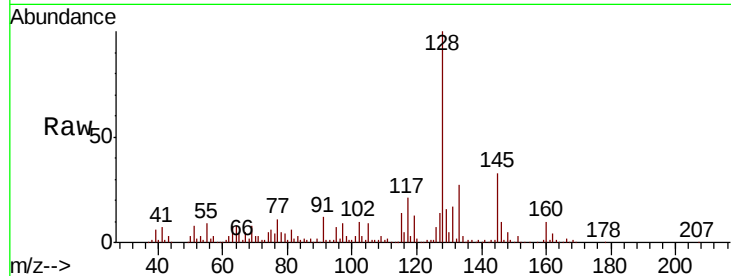




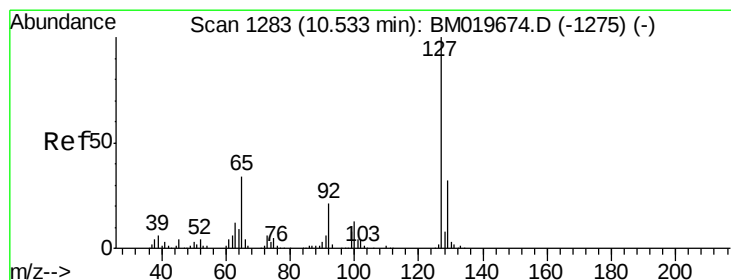
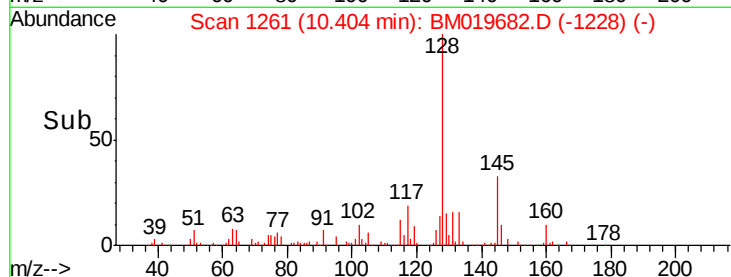
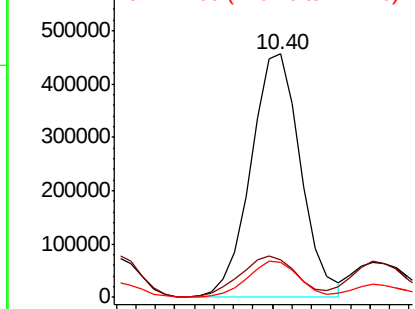
#28
Naphthalene
Concen: 14.407 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM019682.D
Acq: 02 Apr 2019 07:34

Instrument :
BNA_M
ClientSampleId :
BF5B6

Tgt Ion:128 Resp: 801063
Ion Ratio Lower Upper
128 100
129 15.6 8.3 12.5#
127 14.4 10.8 16.2

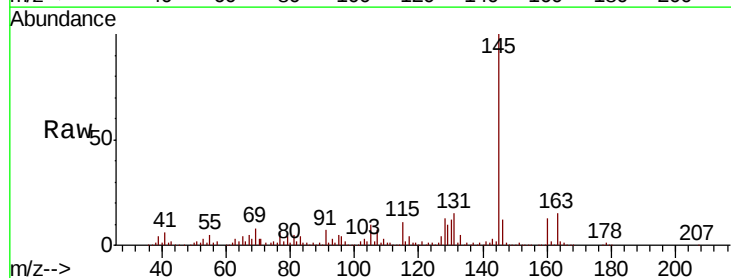


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

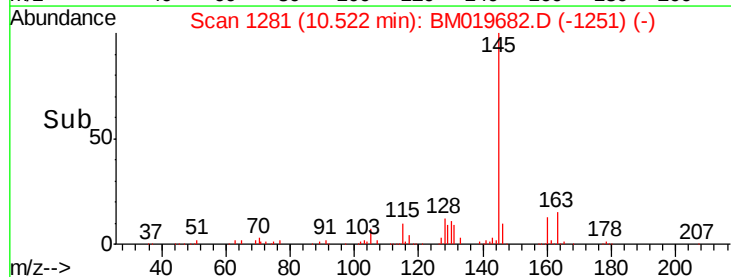
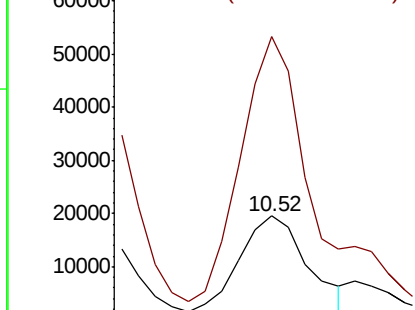


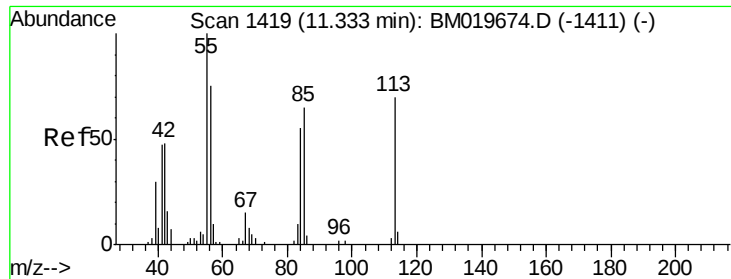
#30
4-Chloroaniline
Concen: 1.457 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BM019682.D
Acq: 02 Apr 2019 07:34

Tgt Ion:127 Resp: 29622
Ion Ratio Lower Upper
127 100
129 272.7 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 27.575 ng/ul

RT: 11.35 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

Instrument :

BNA_M

ClientSampleId :

BF5B6

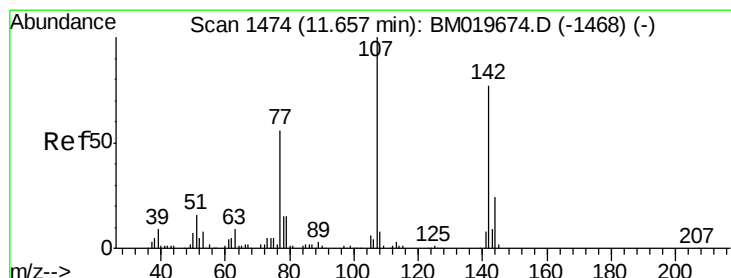
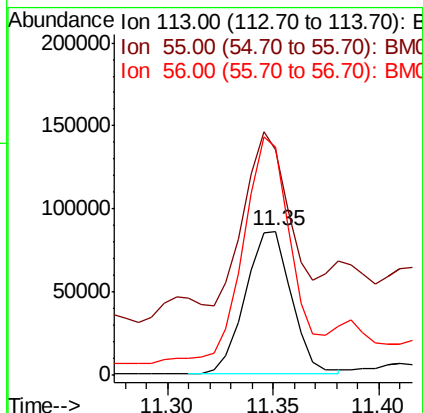
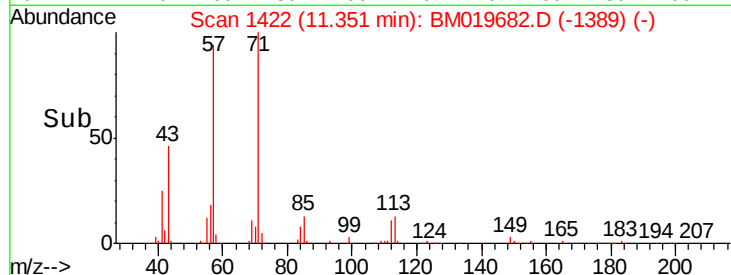
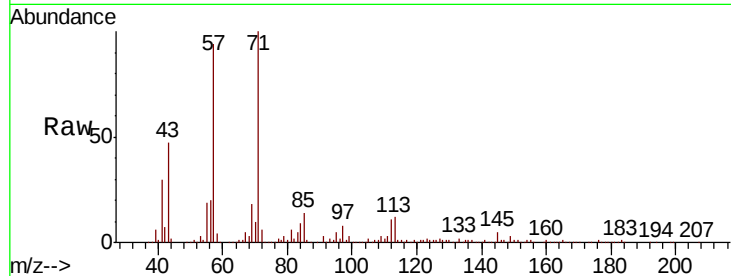
Tgt Ion:113 Resp: 130085

Ion Ratio Lower Upper

113 100

55 156.3 131.7 197.5

56 157.9 92.7 139.1#



#33

4-Chloro-3-methylphenol

Concen: 1.797 ng/ul

RT: 11.62 min Scan# 1468

Delta R.T. -0.05 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

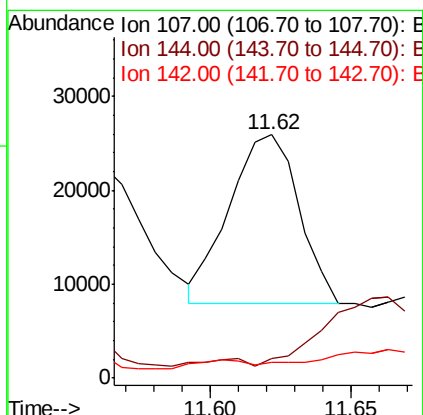
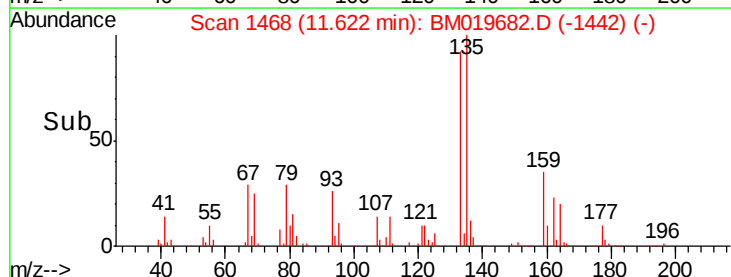
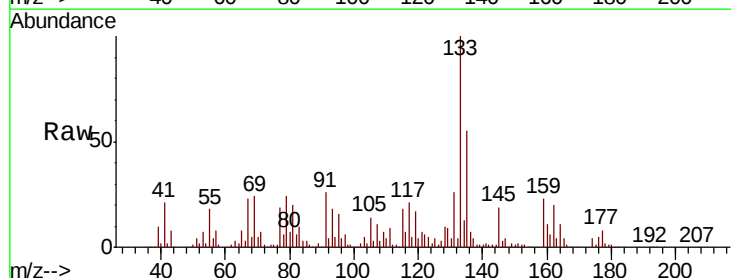
Tgt Ion:107 Resp: 30768

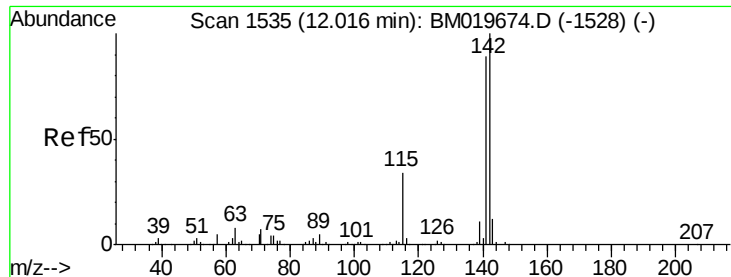
Ion Ratio Lower Upper

107 100

144 7.8 21.1 31.7#

142 6.6 60.1 90.1#

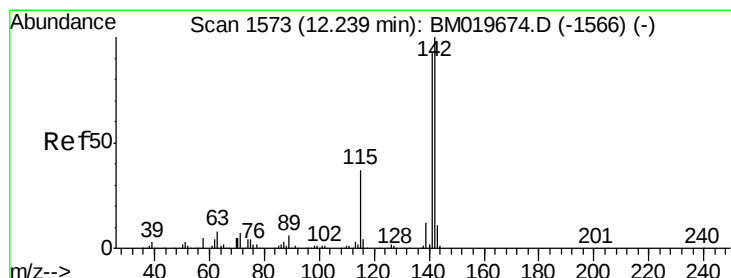
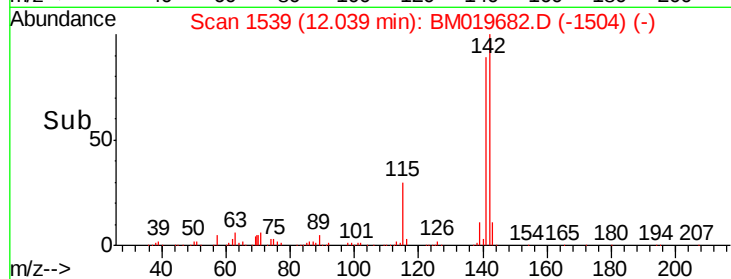
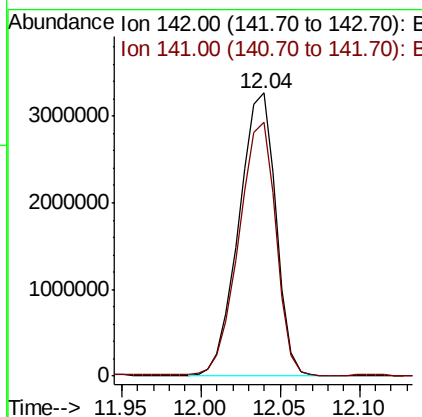
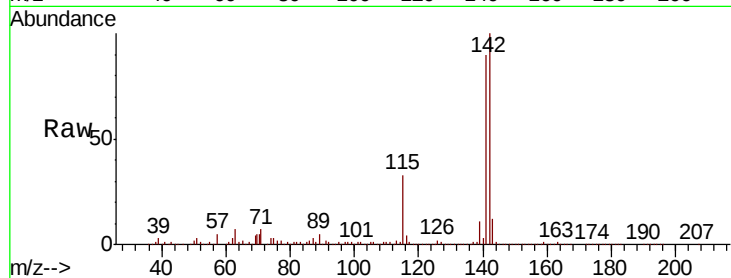




#34
 2-Methylnaphthalene
 Concen: 135.940 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BM019682.D
 Acq: 02 Apr 2019 07:34

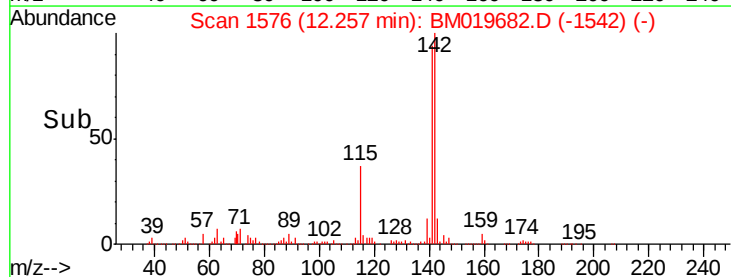
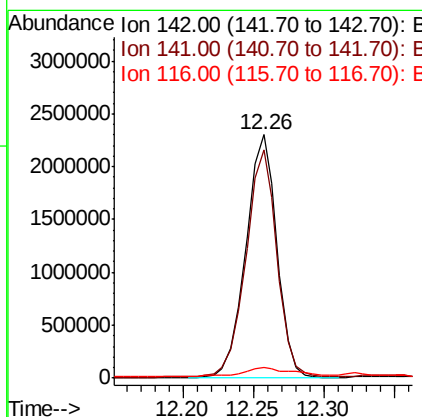
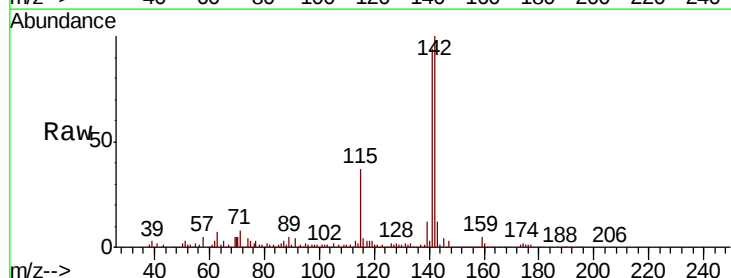
Instrument :
 BNA_M
 ClientSampleId :
 BF5B6

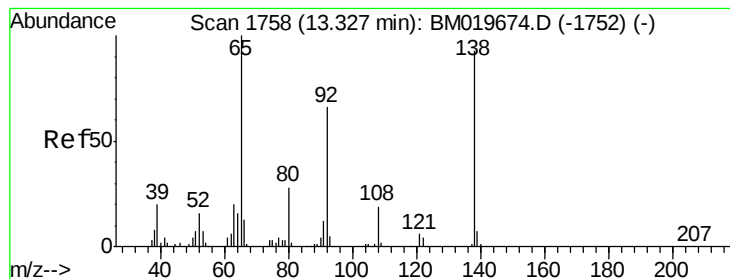
Tgt Ion:142 Resp: 5296298
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 96.458 ng/ul
 RT: 12.26 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BM019682.D
 Acq: 02 Apr 2019 07:34

Tgt Ion:142 Resp: 3548369
 Ion Ratio Lower Upper
 142 100
 141 93.8 76.6 115.0
 116 4.3 3.6 5.4





#43

2-Nitroaniline

Concen: 1.813 ng/ul

RT: 13.32 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

Instrument :

BNA_M

ClientSampleId :

BF5B6

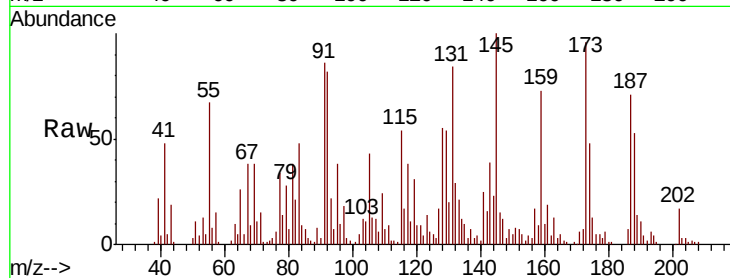
Tgt Ion: 65 Resp: 17315

Ion Ratio Lower Upper

65 100

92 312.4 57.0 85.4#

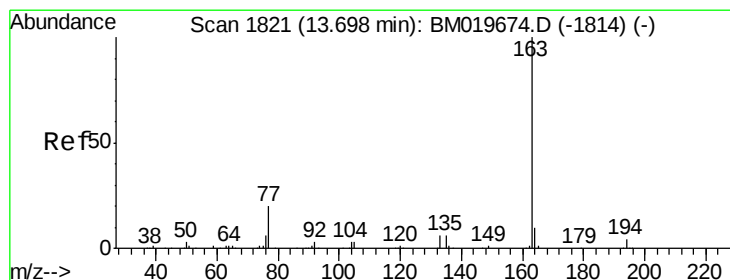
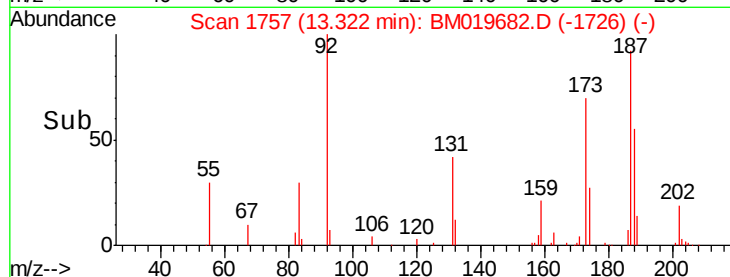
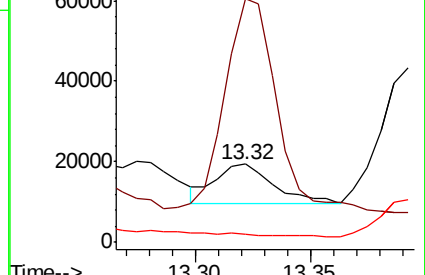
138 10.6 87.2 130.8#



Abundance Ion 65.00 (64.70 to 65.70): BM019674.D (-1752) (-)

Ion 92.00 (91.70 to 92.70): BM019674.D (-1752) (-)

Ion 138.00 (137.70 to 138.70): BM019674.D (-1752) (-)



#45

Dimethylphthalate

Concen: 2.301 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

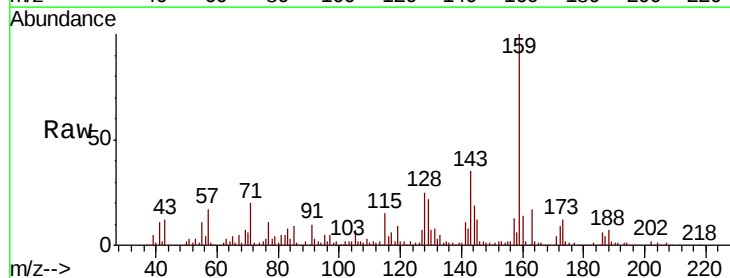
Tgt Ion: 163 Resp: 99357

Ion Ratio Lower Upper

163 100

194 6.4 4.0 6.0#

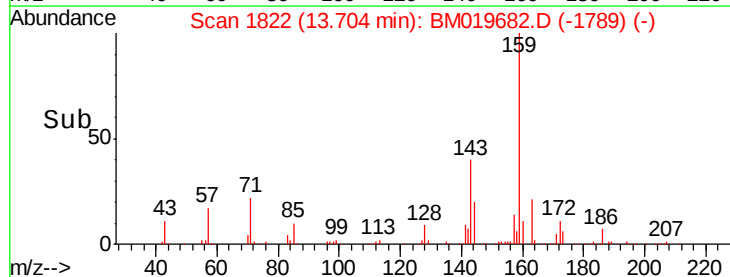
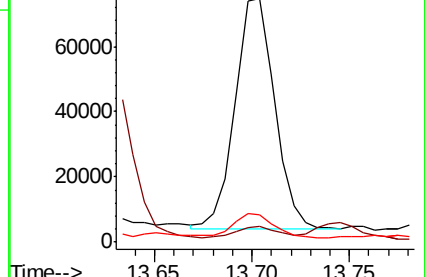
164 11.2 8.4 12.6

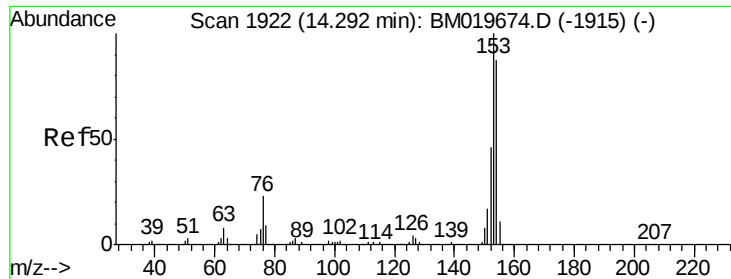


Abundance Ion 163.00 (162.70 to 163.70): BM019674.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM019674.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM019674.D (-1814) (-)





#50

Acenaphthene

Concen: 1.086 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

Instrument :

BNA_M

ClientSampled :

BF5B6

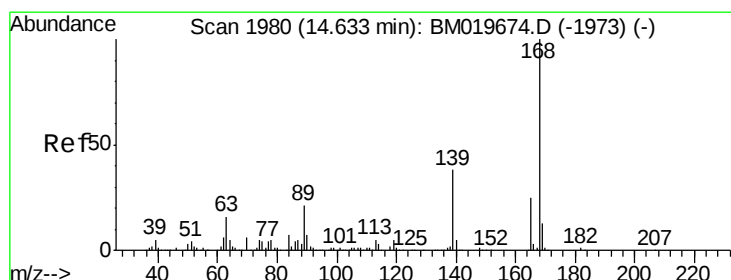
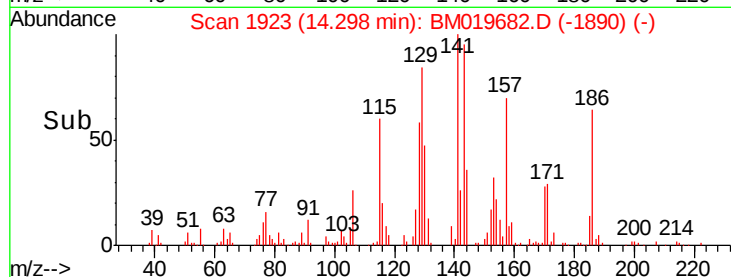
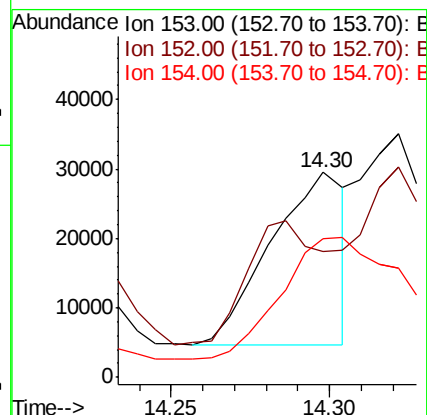
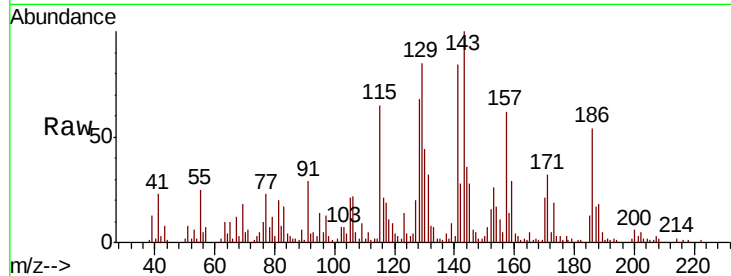
Tgt Ion:153 Resp: 40790

Ion Ratio Lower Upper

153 100

152 61.2 37.9 56.9#

154 67.5 69.8 104.6#



#55

2,4-Dinitrotoluene

Concen: 4.569 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

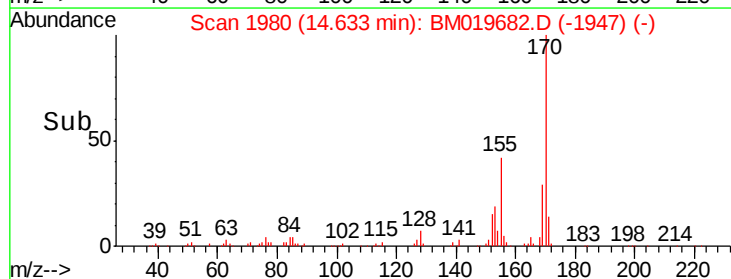
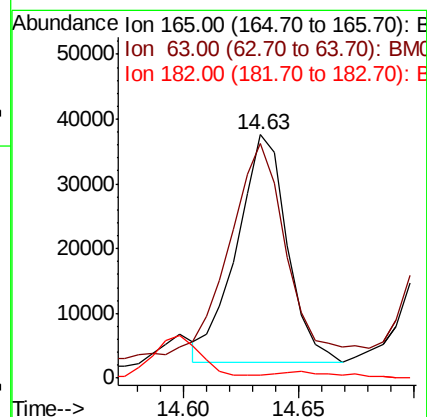
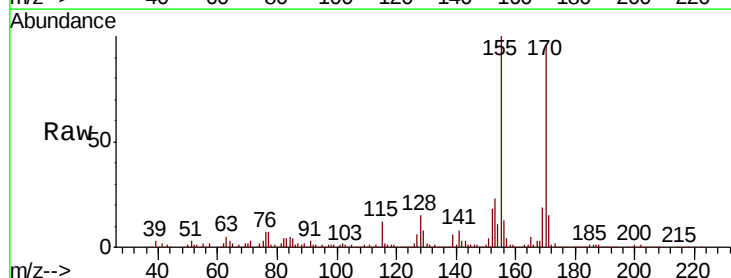
Tgt Ion:165 Resp: 53626

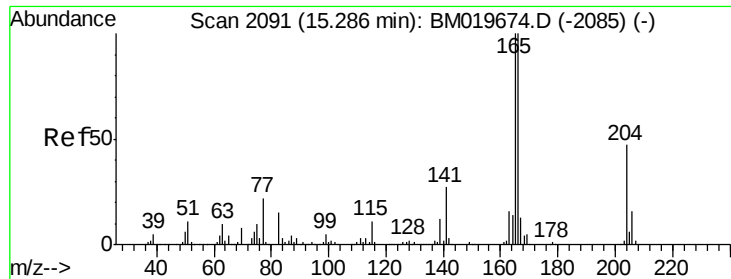
Ion Ratio Lower Upper

165 100

63 96.5 31.4 47.0#

182 1.0 2.7 4.1#





#59

Fluorene

Concen: 1.593 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

Instrument :

BNA_M

ClientSampleId :

BF5B6

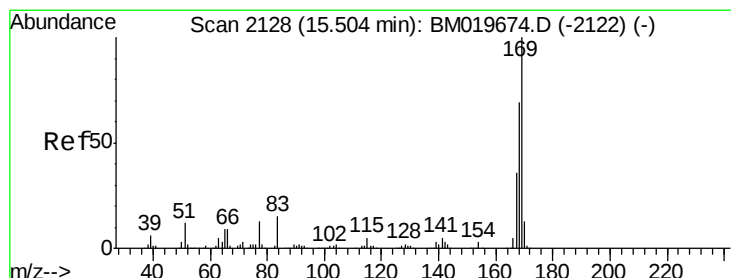
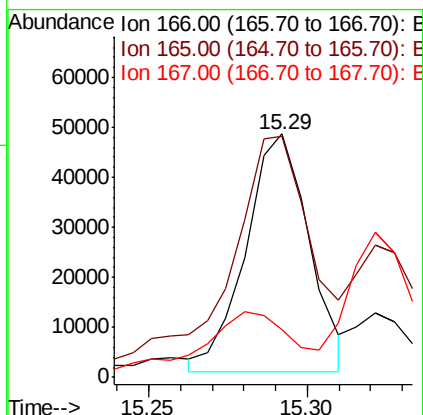
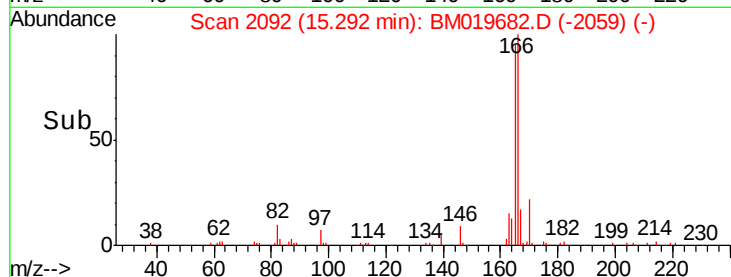
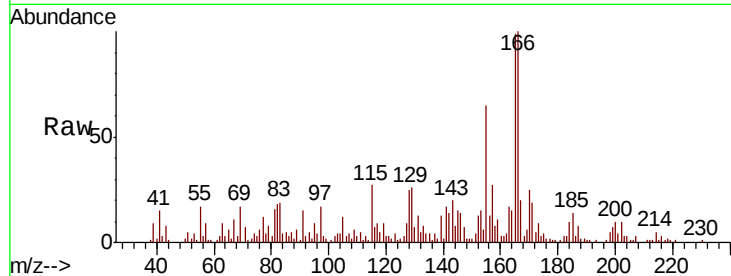
Tgt Ion:166 Resp: 66201

Ion Ratio Lower Upper

166 100

165 99.1 78.4 117.6

167 19.6 11.1 16.7#



#65

N-Nitrosodiphenylamine

Concen: 2.973 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BM019682.D

Acq: 02 Apr 2019 07:34

Tgt Ion:169 Resp: 85722

Ion Ratio Lower Upper

169 100

168 11.2 53.8 80.8#

167 10.2 29.5 44.3#

