

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020915.D
 Acq On : 12 Jun 2019 22:08
 Operator : HP/JU
 Sample : K3215-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 13 05:56:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 13 01:55:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	392043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1687409	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	1085047	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2312848	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1505969	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1648013	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12123	1.47	ng/uL	0.00
5) Phenol-d5	6.99	99	276197	9.21	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	583182	32.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	734359	30.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	497171	20.60	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	424409	36.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	504900	42.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	966629	39.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	598	0.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	3017462	37.60	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	3675340	36.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	8430	0.61	ng/ul	-0.06
57) Fluorene-d10	15.44	176	2611760	38.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	313772	26.53	ng/ul	0.00
70) Anthracene-d10	17.29	188	3776261	37.38	ng/ul	0.00
78) Pyrene-d10	19.58	212	3426634	47.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	3081292	41.14	ng/ul	0.00

Target Compounds

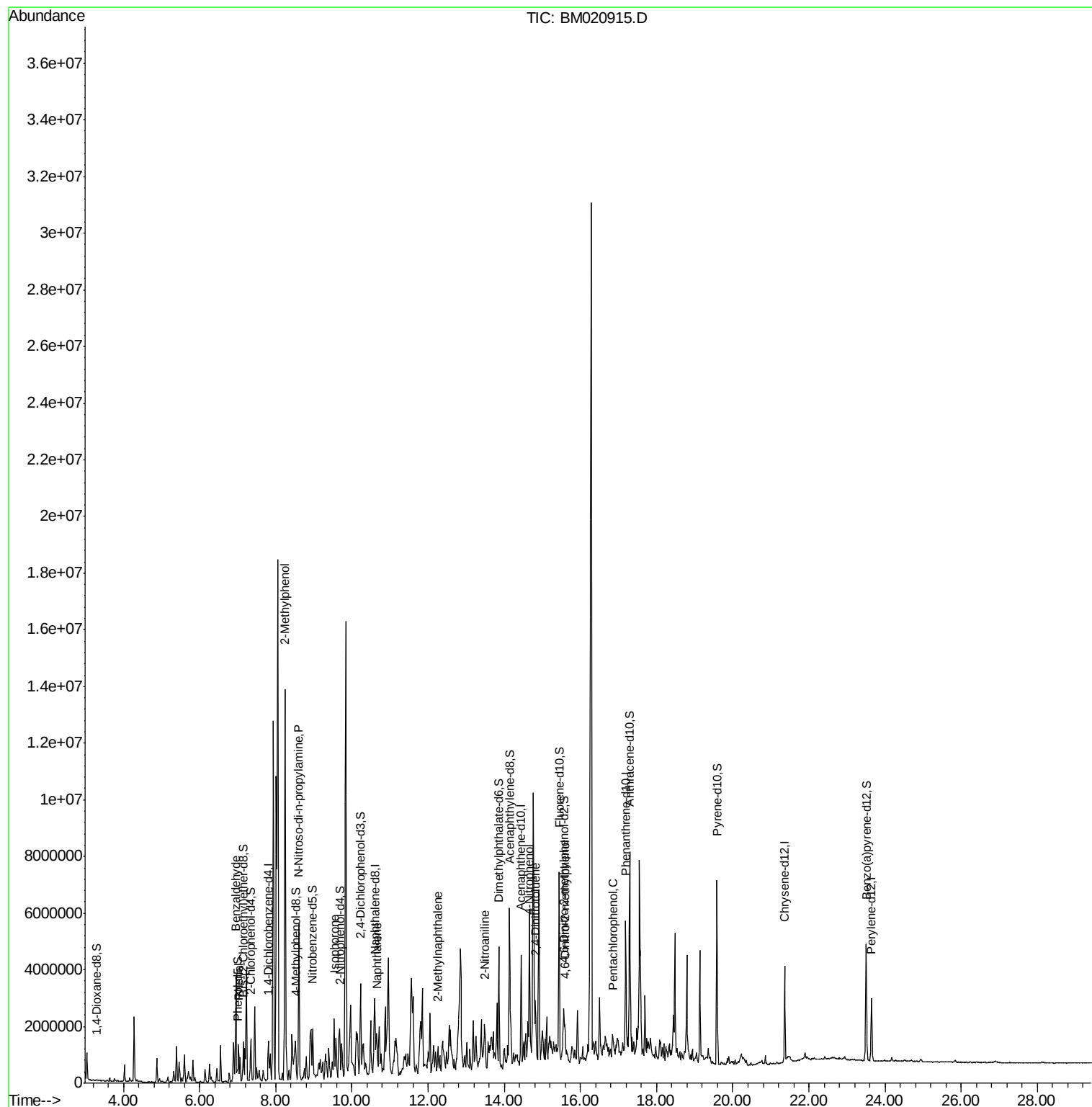
					Ovalue	
4) Benzaldehyde	6.95	77	50060	2.215	ng/ul#	1
6) Phenol	7.02	94	85916	2.782	ng/ul#	70
11) 2-Methylphenol	8.25	108	23534	1.026	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.61	70	32326	1.647	ng/ul#	1
21) Isophorone	9.53	82	1444642	26.965	ng/ul#	96
28) Naphthalene	10.65	128	564583	7.124	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	410315	7.049	ng/ul	100
42) 2-Nitroaniline	13.49	65	16977	1.009	ng/ul#	1
52) 4-Nitrophenol	14.64	109	21194	1.877	ng/ul#	53
54) 2,4-Dinitrotoluene	14.82	165	24013	1.102	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.60	198	268758	21.393	ng/ul#	73
68) Pentachlorophenol	16.84	266	33586	2.079	ng/ul	97

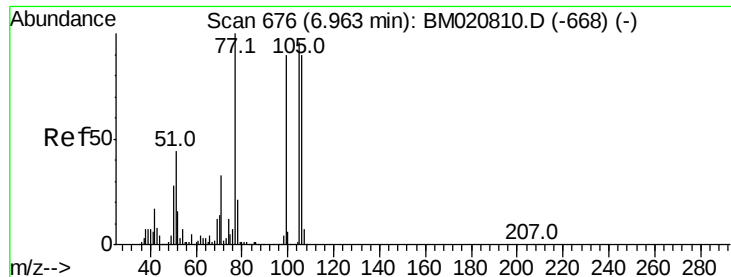
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
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#4

Benzaldehyde

Concen: 2.215 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

Instrument :

BNA_M

ClientSampleId :

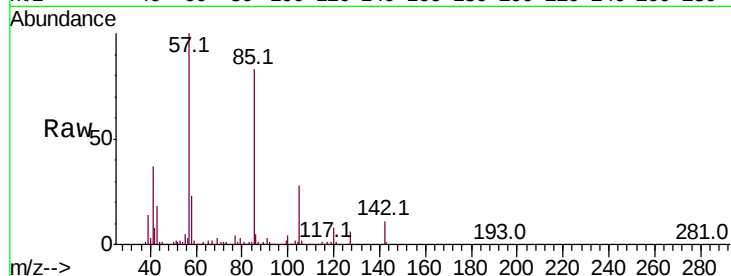
Tot Ion: 77 Resp: 50060

Ion Ratio Lower Upper

77 100

105 764.3 74.7 112.1#

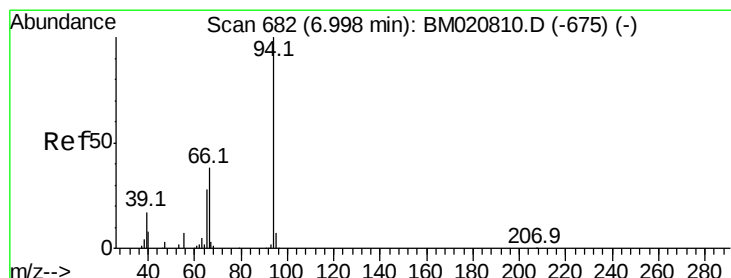
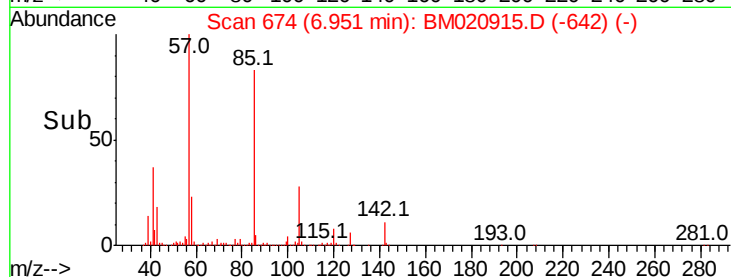
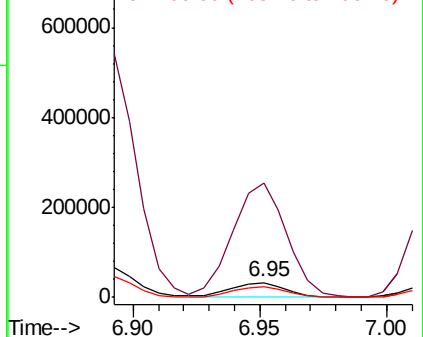
106 67.4 72.3 108.5#



Abundance Ion 77.00 (76.70 to 77.70): BM020915.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM020915.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM020915.D (-642) (-)



#6

Phenol

Concen: 2.782 ng/ul

RT: 7.02 min Scan# 686

Delta R.T. 0.02 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

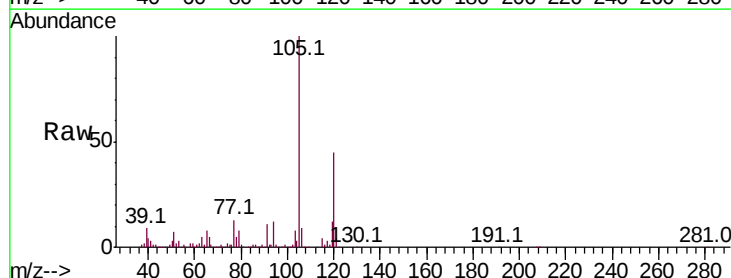
Tgt Ion: 94 Resp: 85916

Ion Ratio Lower Upper

94 100

65 65.3 23.3 34.9#

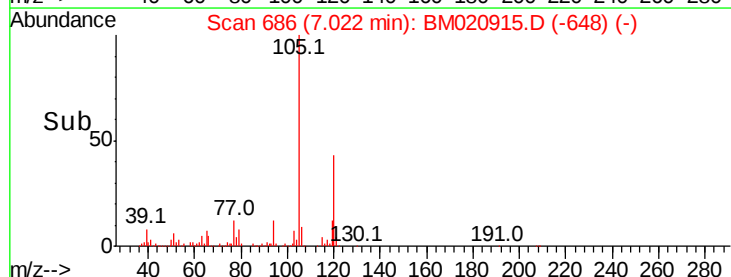
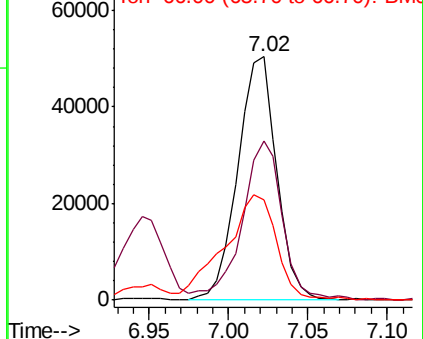
66 41.4 32.1 48.1

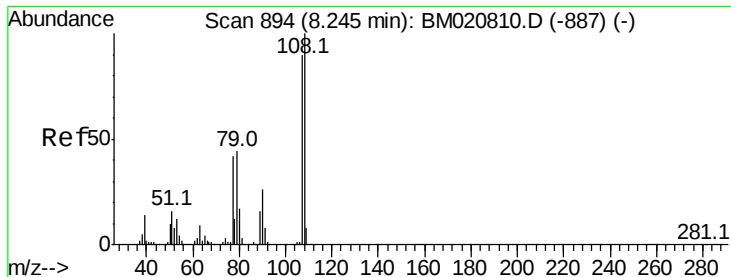


Abundance Ion 94.00 (93.70 to 94.70): BM020915.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM020915.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM020915.D (-648) (-)





#11

2-Methylphenol

Concen: 1.026 ng/ul

RT: 8.25 min Scan# 895

Delta R.T. 0.01 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

Instrument :

BNA_M

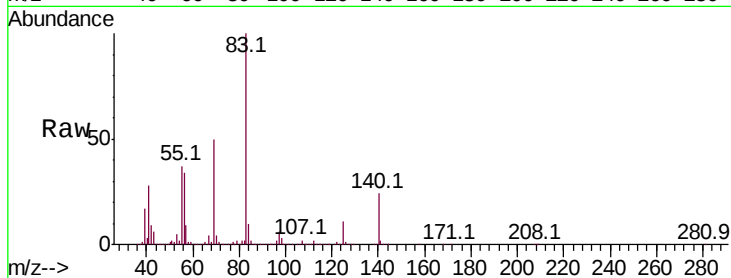
ClientSampleId :

Tot Ion:108 Resp: 23534

Ion Ratio Lower Upper

108 100

107 517.0 73.3 109.9#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

80000

60000

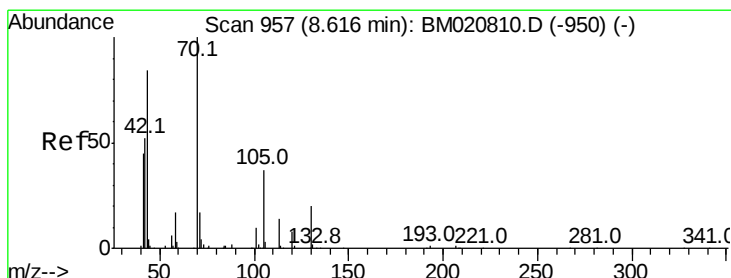
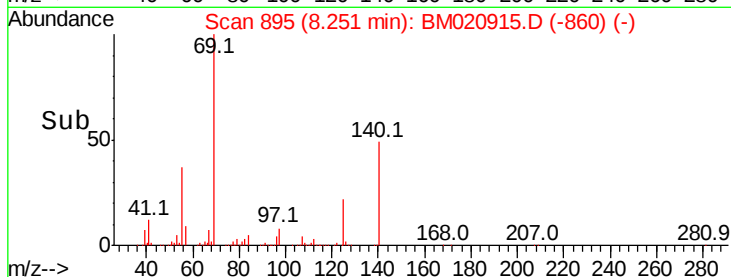
40000

20000

0

8.20 8.25 8.30

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 1.647 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

Tgt Ion: 70 Resp: 32326

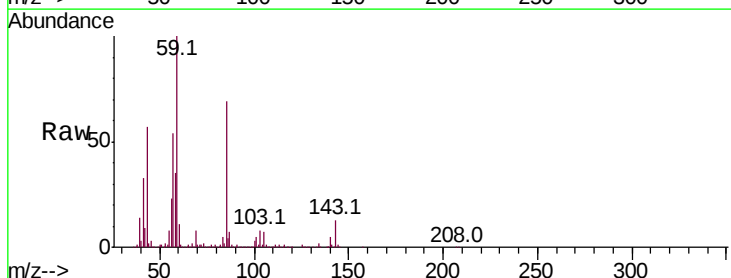
Ion Ratio Lower Upper

70 100

42 642.8 43.6 65.4#

101 340.7 8.2 12.2#

130 0.0 15.8 23.8#



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

150000

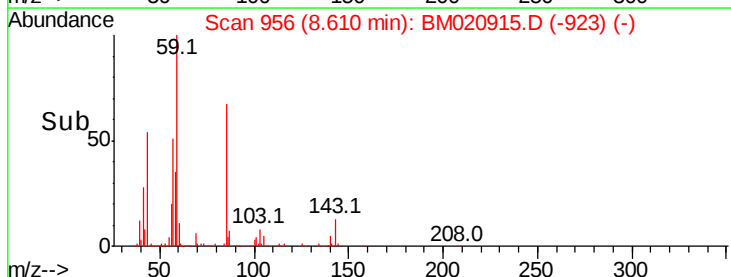
100000

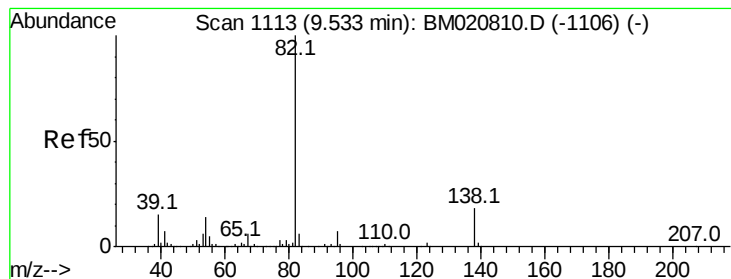
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#21

Isophorone

Concen: 26.965 ng/ul

RT: 9.53 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

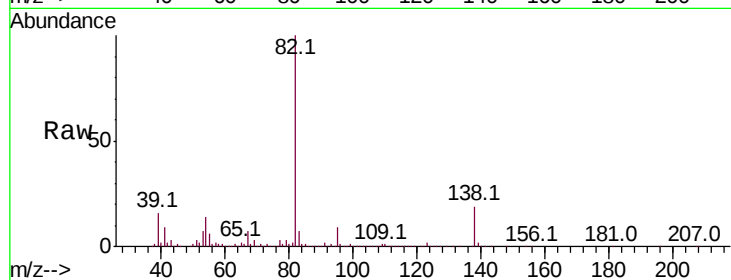
Instrument :

BNA_M

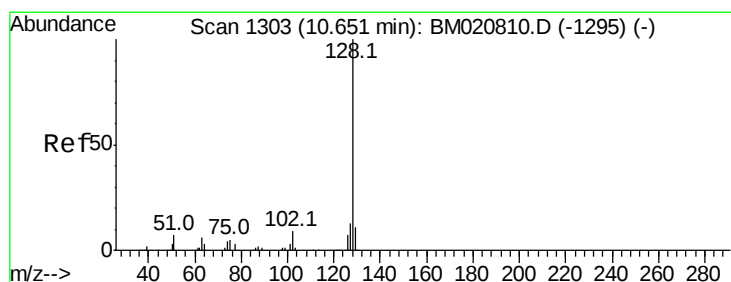
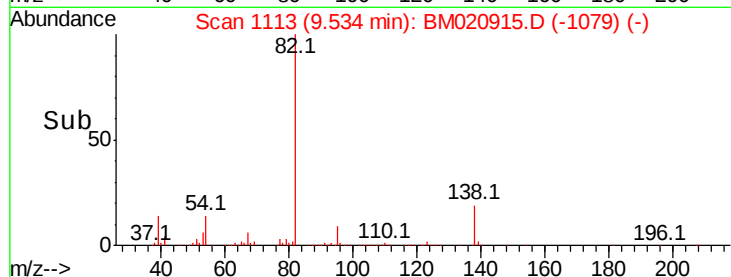
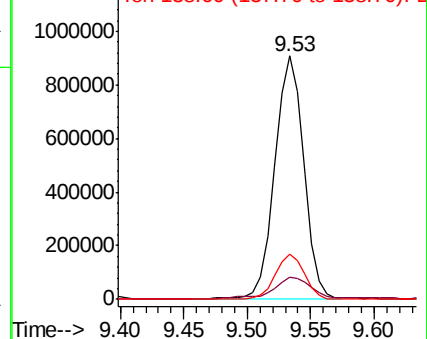
ClientSampleId :

Tot Ion: 82 Resp: 1444642

Ion	Ratio	Lower	Upper
82	100		
95	9.0	5.9	8.9#
138	18.7	13.8	20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020810.D (-1106) (-)



#28

Naphthalene

Concen: 7.124 ng/ul

RT: 10.65 min Scan# 1302

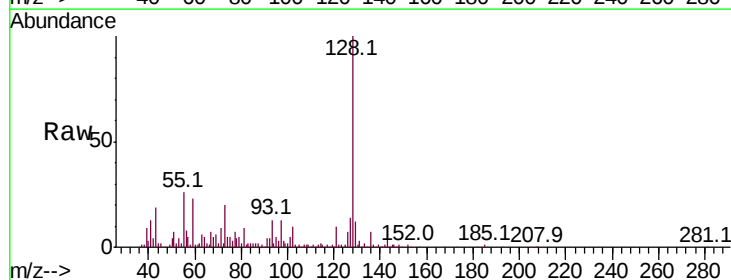
Delta R.T. -0.01 min

Lab File: BM020915.D

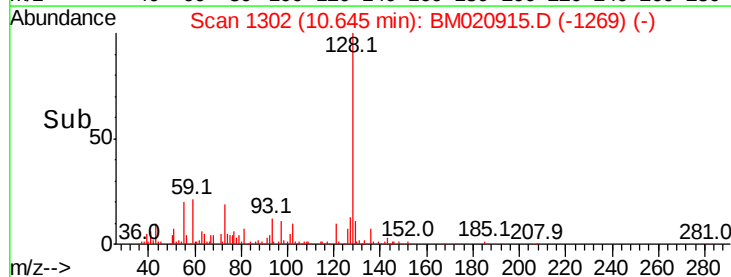
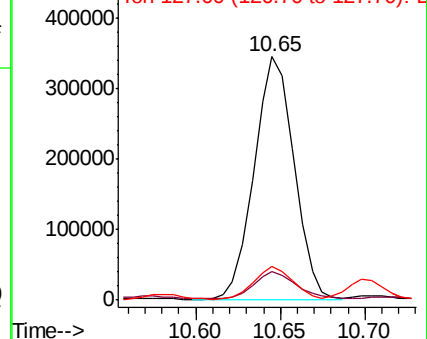
Acq: 12 Jun 2019 22:08

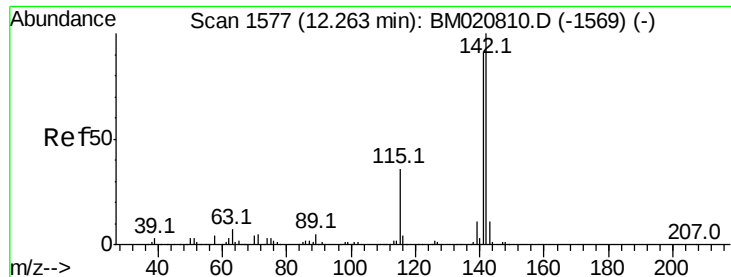
Tgt Ion: 128 Resp: 564583

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.7	10.2	15.2



Abundance Ion 128.00 (127.70 to 128.70): BM020810.D (-1295) (-)

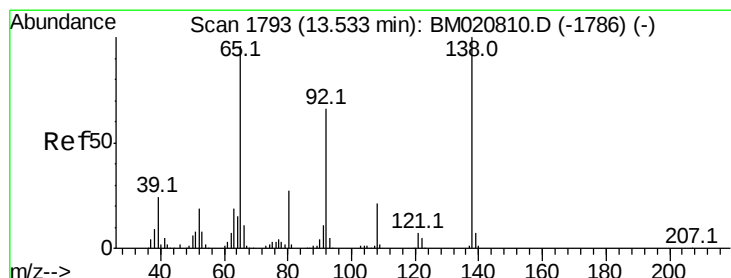
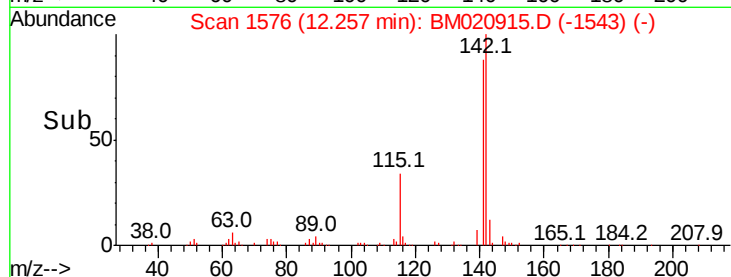
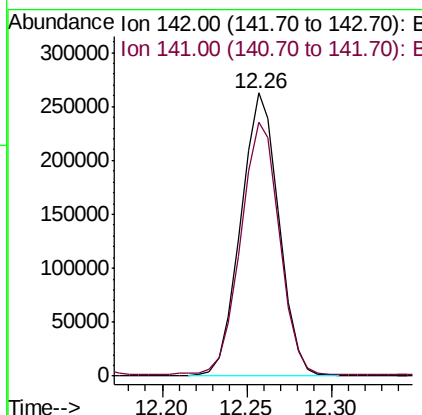
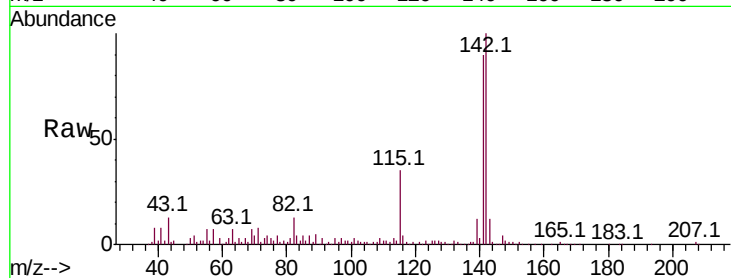




#34
 2-Methylnaphthalene
 Concen: 7.049 ng/ul
 RT: 12.26 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM020915.D
 Acq: 12 Jun 2019 22:08

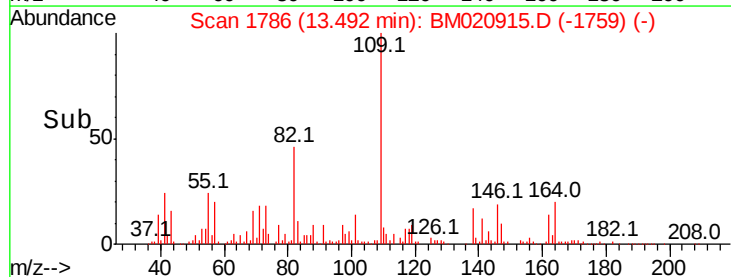
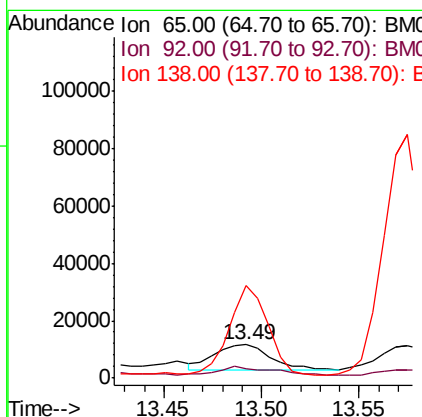
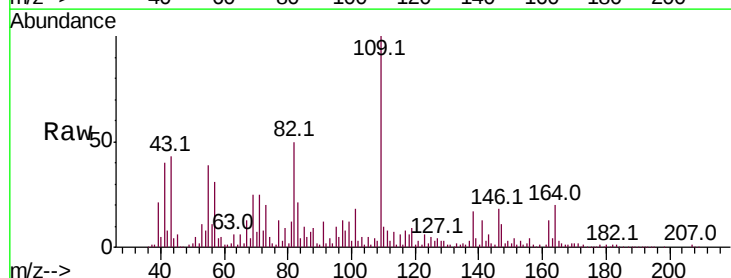
Instrument :
 BNA_M
 ClientSampleId :

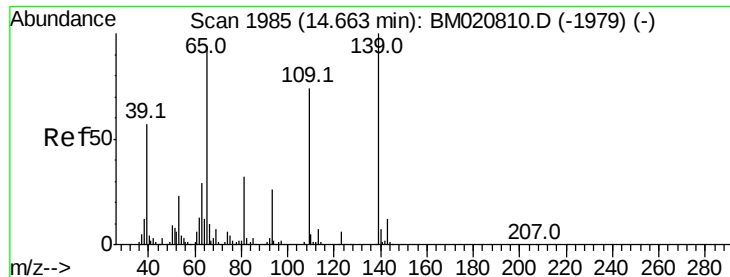
Tot Ion:142 Resp: 410315
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.0



#42
 2-Nitroaniline
 Concen: 1.009 ng/ul
 RT: 13.49 min Scan# 1786
 Delta R.T. -0.04 min
 Lab File: BM020915.D
 Acq: 12 Jun 2019 22:08

Tgt Ion: 65 Resp: 16977
 Ion Ratio Lower Upper
 65 100
 92 30.0 55.4 83.2#
 138 281.6 86.0 129.0#





#52

4-Nitrophenol

Concen: 1.877 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

Instrument :

BNA_M

ClientSampled :

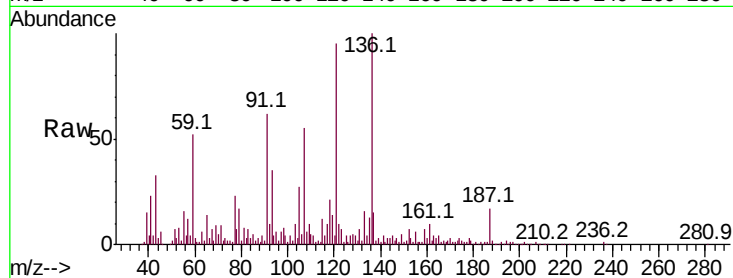
Tot Ion:109 Resp: 21194

Ion Ratio Lower Upper

109 100

139 26.5 105.9 158.9#

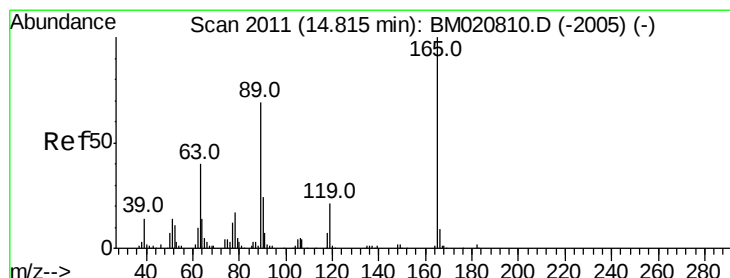
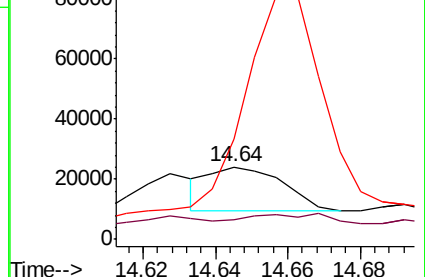
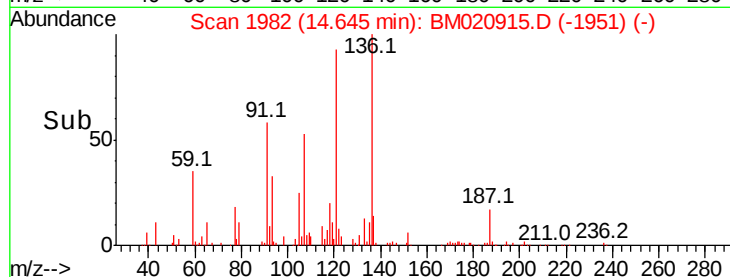
65 138.2 106.2 159.4



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



#54

2,4-Dinitrotoluene

Concen: 1.102 ng/ul

RT: 14.82 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

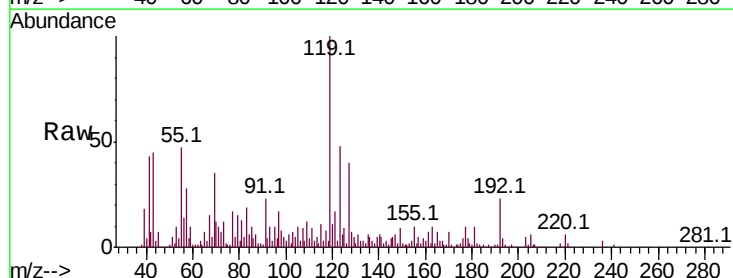
Tgt Ion:165 Resp: 24013

Ion Ratio Lower Upper

165 100

63 51.0 31.7 47.5#

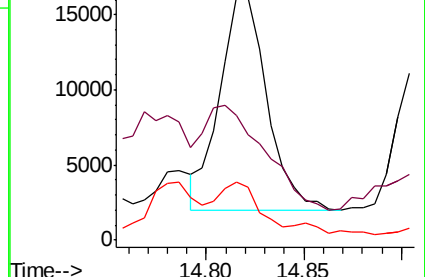
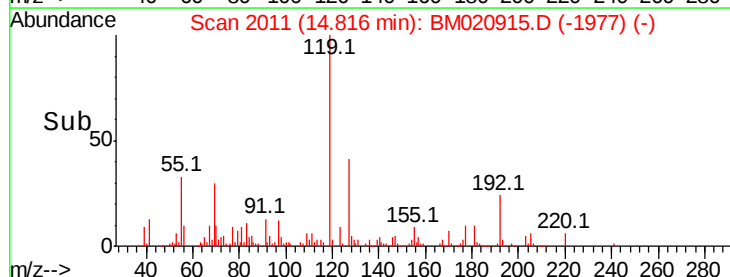
182 23.9 2.2 3.4#

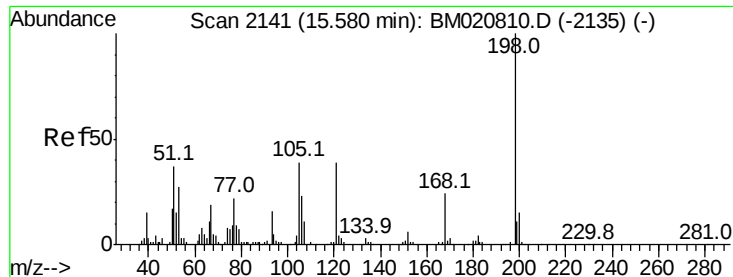


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#63

4,6-Dinitro-2-methylphenol

Concen: 21.393 ng/ul

RT: 15.60 min Scan# 2144

Delta R.T. 0.02 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

Instrument :

BNA_M

ClientSampleId :

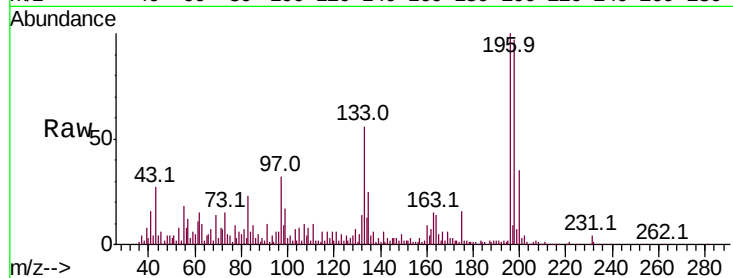
Tot Ion:198 Resp: 268758

Ion Ratio Lower Upper

198 100

182 0.4 3.7 5.5#

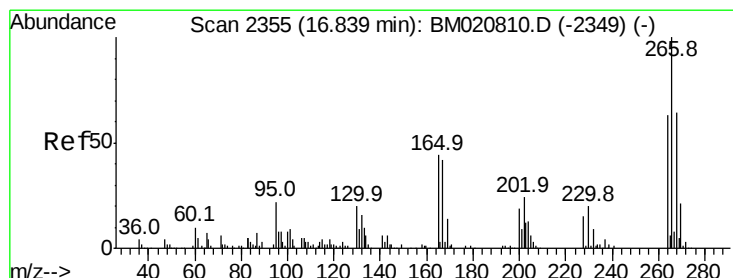
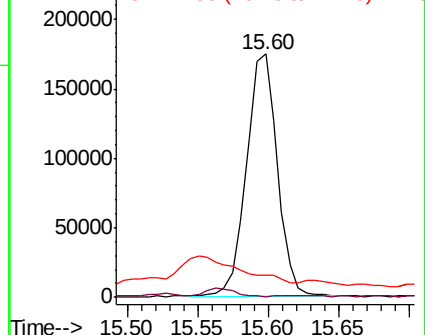
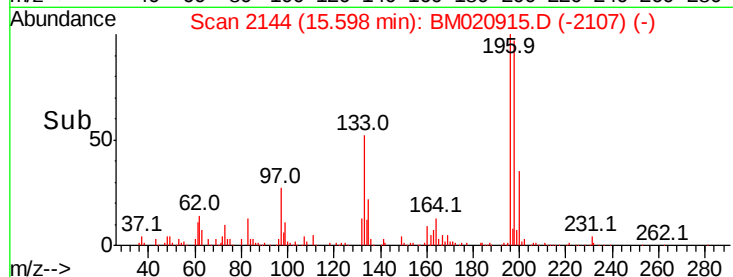
77 9.3 19.3 28.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BMO



#68

Pentachlorophenol

Concen: 2.079 ng/ul

RT: 16.84 min Scan# 2356

Delta R.T. 0.01 min

Lab File: BM020915.D

Acq: 12 Jun 2019 22:08

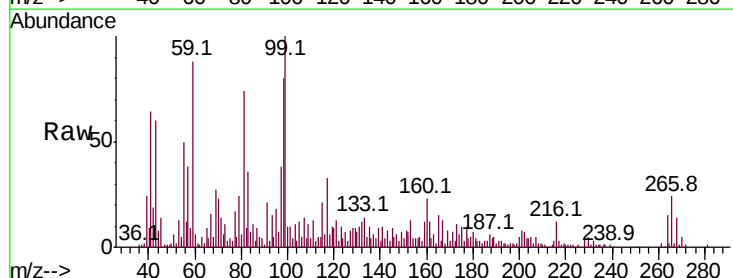
Tgt Ion:266 Resp: 33586

Ion Ratio Lower Upper

266 100

264 62.2 50.3 75.5

268 60.2 51.2 76.8



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

