

Data File : BM021045.D
Acq On : 19 Jun 2019 21:04
Operator : HP/JU
Sample : K3213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8J9

Quant Time: Jun 20 03:48:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	298371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1267657	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	789209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1704050	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1438017	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1539089	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	7850	1.25	ng/uL	0.00
5) Phenol-d5	7.00	99	196721	7.57	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.13	67	397718	25.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	510310	24.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	351759	16.23	ng/ul	0.02
19) Nitrobenzene-d5	8.95	128	283412	27.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	348543	30.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	686054	29.53	ng/ul	0.02
29) 4-Chloroaniline-d4	10.74	131	672	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.84	166	2118342	29.71	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2513306	28.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	3289	0.28	ng/ul	-0.02
57) Fluorene-d10	15.42	176	1788417	28.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	312771	29.86	ng/ul	0.00
70) Anthracene-d10	17.27	188	2551237	28.81	ng/ul	0.00
78) Pyrene-d10	19.56	212	2755758	31.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	2456556	27.05	ng/ul	0.00

Target Compounds

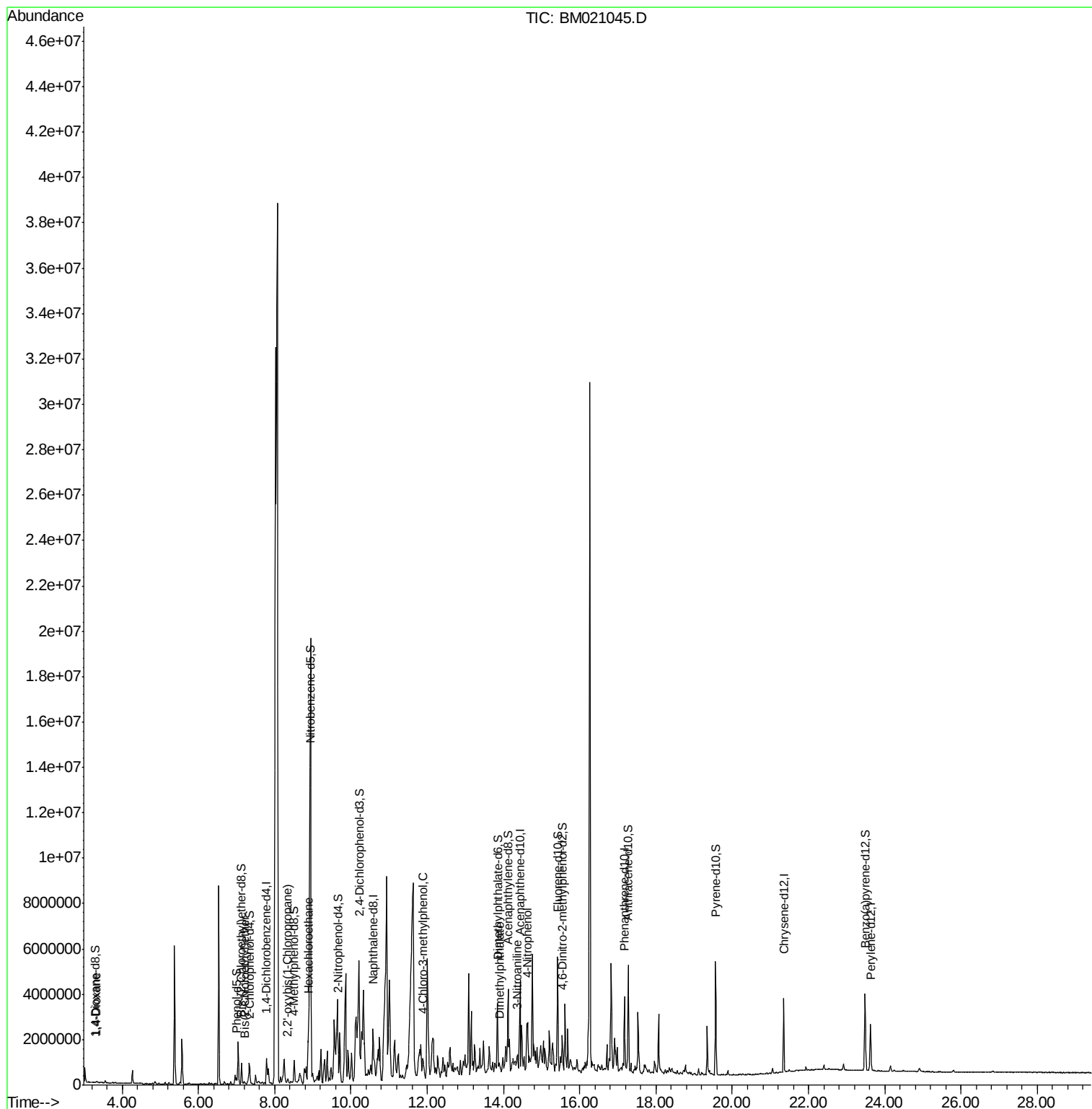
					Qvalue	
2) 1,4-Dioxane	3.33	88	23291	3.663	ng/uL#	93
8) Bis(2-Chloroethyl)ether	7.22	93	23143	1.234	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.32	45	40165	1.678	ng/ul#	94
17) Hexachloroethane	8.88	117	34666	4.182	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.88	107	33987	1.576	ng/ul#	39
44) Dimethylphthalate	13.89	163	200138	3.083	ng/ul	98
48) 3-Nitroaniline	14.36	138	12145	1.120	ng/ul#	5
52) 4-Nitrophenol	14.63	109	223664	26.069	ng/ul#	2

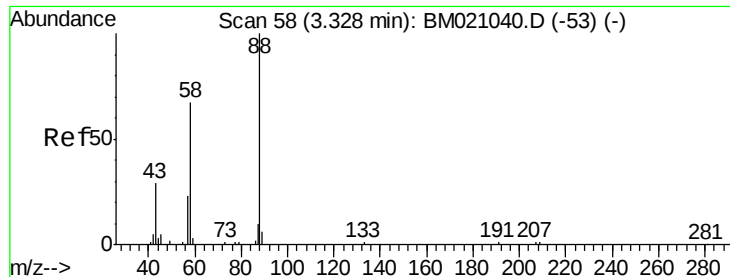
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.663 ng/uL

RT: 3.33 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM021045.D

Acq: 19 Jun 2019 21:04

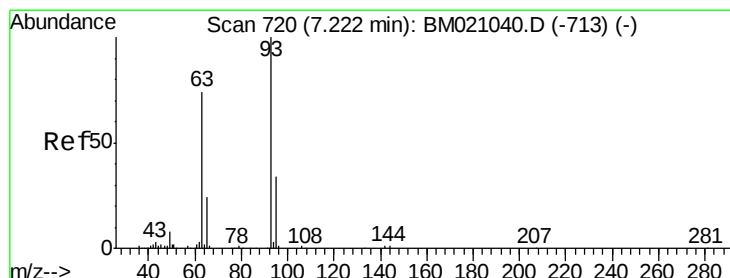
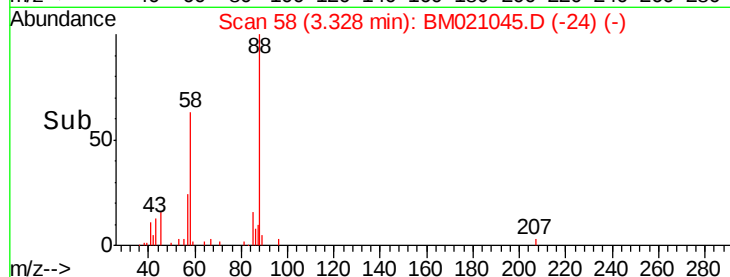
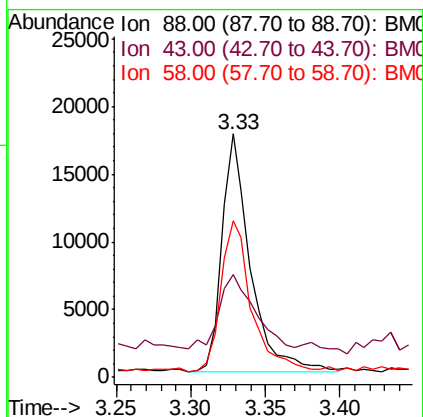
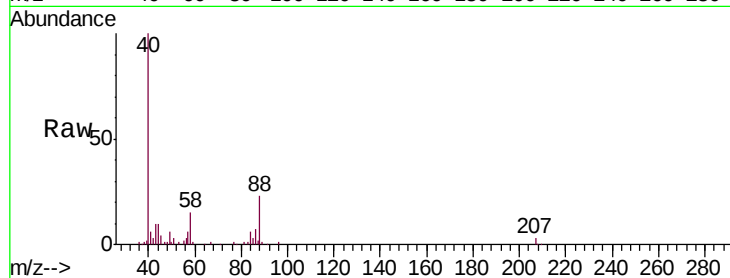
Instrument :

BNA_M

ClientSampleId :

DB8J9

Tgt Ion:	88	Resp:	23291
Ion	Ratio	Lower	Upper
88	100		
43	42.5	26.7	40.1#
58	64.2	52.6	78.8



#8

Bis(2-Chloroethyl)ether

Concen: 1.234 ng/uL

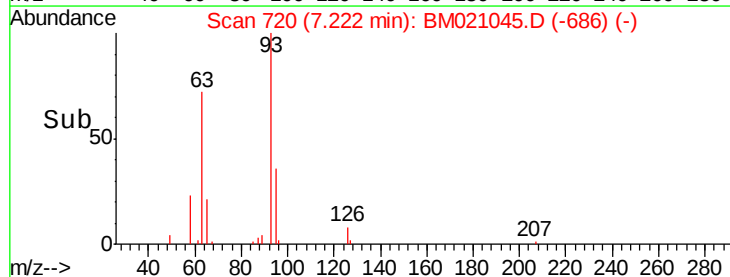
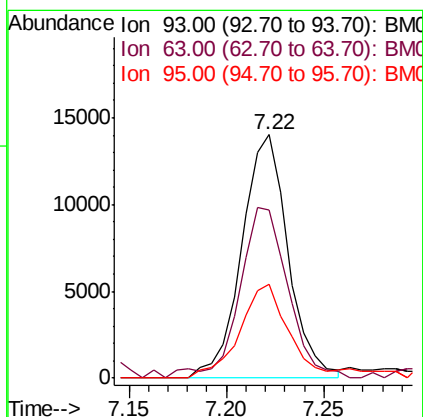
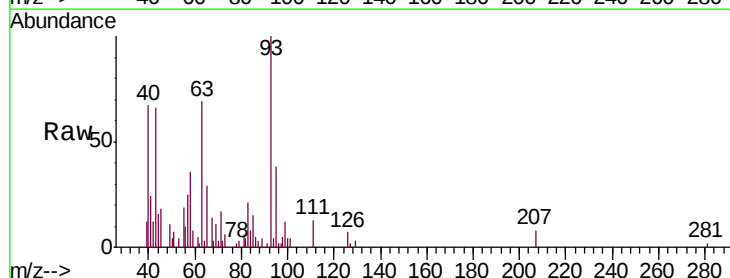
RT: 7.22 min Scan# 720

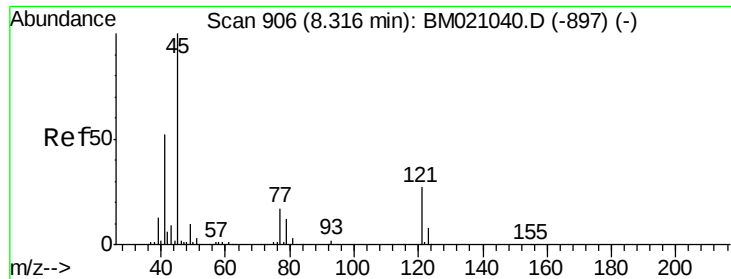
Delta R.T. 0.00 min

Lab File: BM021045.D

Acq: 19 Jun 2019 21:04

Tgt Ion:	93	Resp:	23143
Ion	Ratio	Lower	Upper
93	100		
63	69.0	57.9	86.9
95	38.4	26.2	39.4

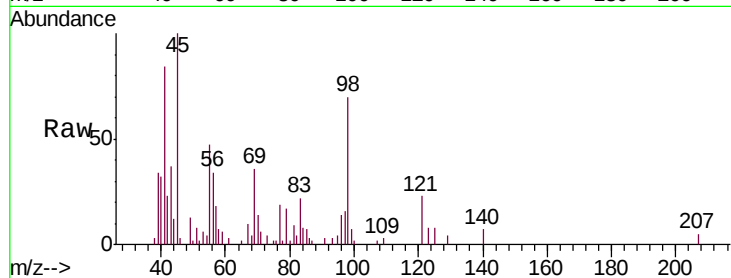




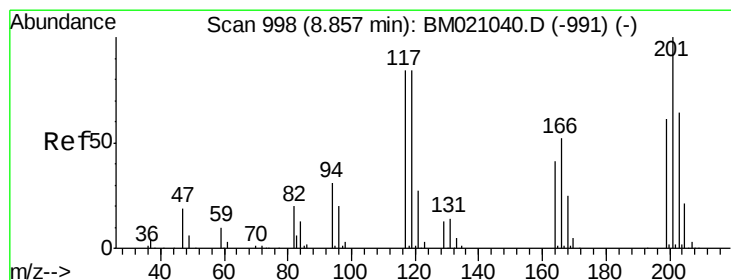
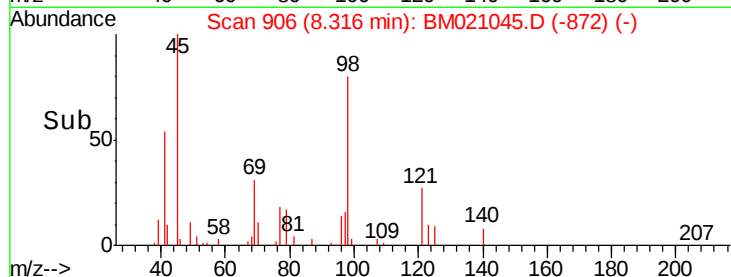
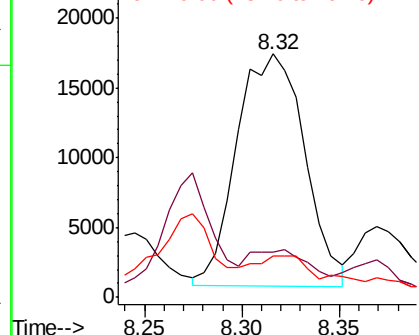
#12
2,2'-oxybis(1-Chloropropane)
Concen: 1.678 ng/ul
RT: 8.32 min Scan# 906
Delta R.T. 0.00 min
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Instrument :
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ClientSampleId :
DB8J9

Tgt Ion: 45 Resp: 40165
Ion Ratio Lower Upper
45 100
77 18.6 13.8 20.6
79 17.0 10.7 16.1#

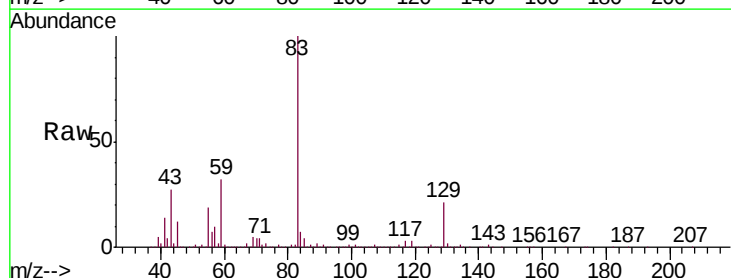


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

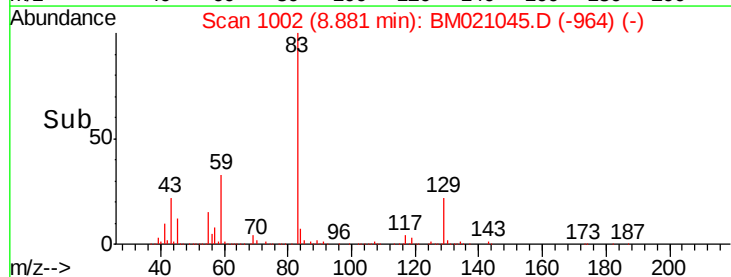
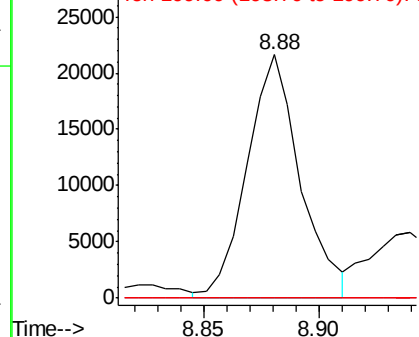


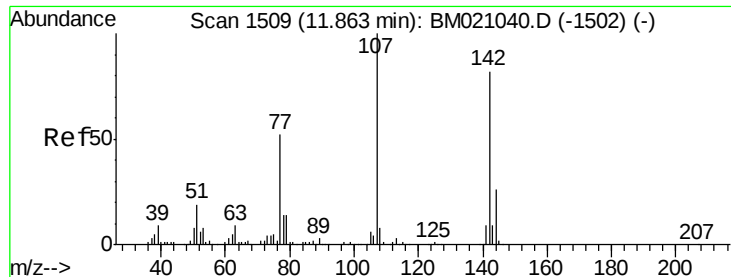
#17
Hexachloroethane
Concen: 4.182 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BM021045.D
Acq: 19 Jun 2019 21:04

Tgt Ion: 117 Resp: 34666
Ion Ratio Lower Upper
117 100
201 0.0 93.9 140.9#
199 0.0 57.8 86.8#



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

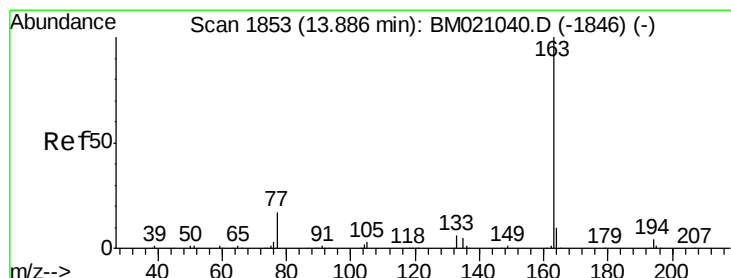
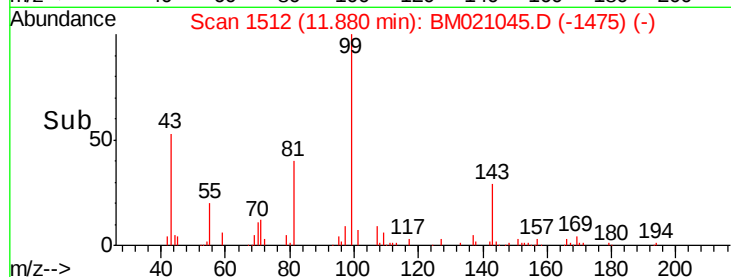
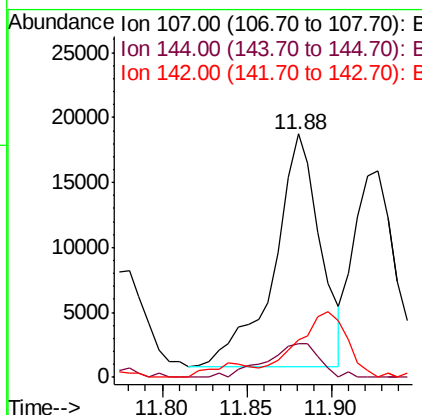
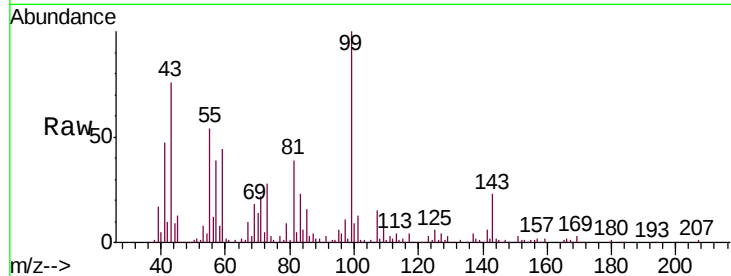




#33
 4-Chloro-3-methylphenol
 Concen: 1.576 ng/ul
 RT: 11.88 min Scan# 1512
 Delta R.T. 0.02 min
 Lab File: BM021045.D
 Acq: 19 Jun 2019 21:04

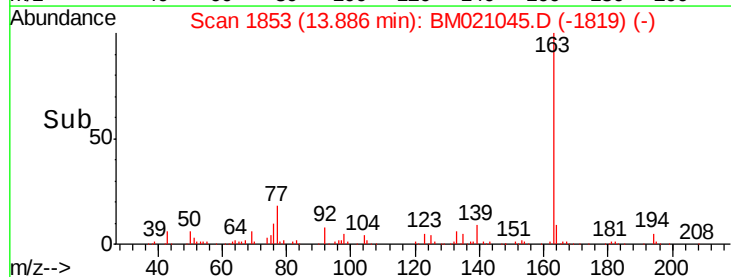
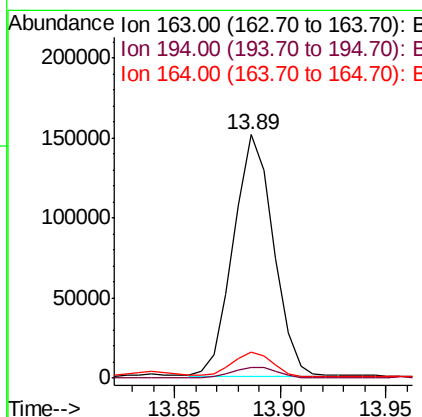
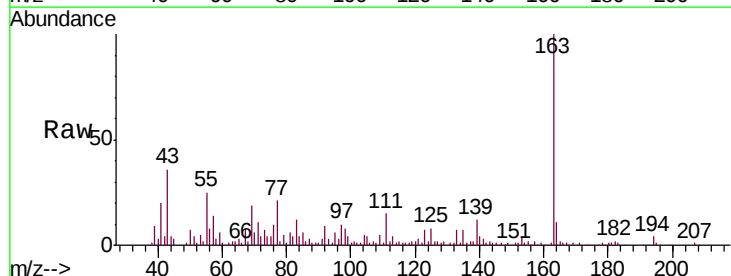
Instrument :
 BNA_M
 ClientSampleId :
 DB8J9

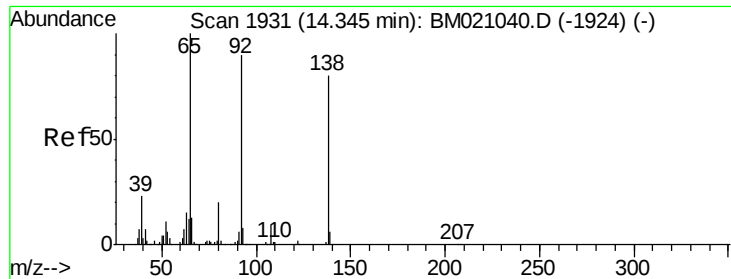
Tgt Ion:107 Resp: 33987
 Ion Ratio Lower Upper
 107 100
 144 13.7 21.0 31.4#
 142 15.5 64.3 96.5#



#44
 Dimethylphthalate
 Concen: 3.083 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM021045.D
 Acq: 19 Jun 2019 21:04

Tgt Ion:163 Resp: 200138
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.4 5.2
 164 10.7 7.7 11.5





#48

3-Nitroaniline

Concen: 1.120 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM021045.D

Acq: 19 Jun 2019 21:04

Instrument :

BNA_M

ClientSampleId :

DB8J9

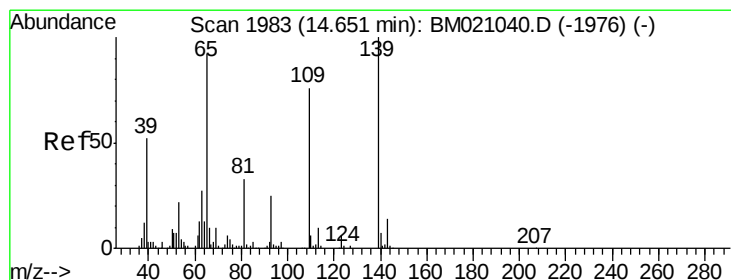
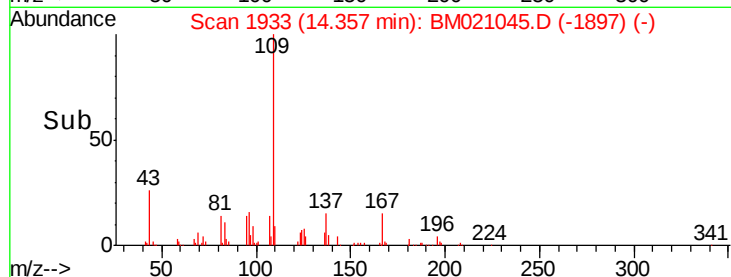
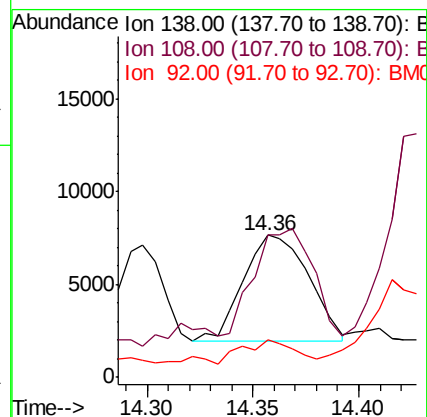
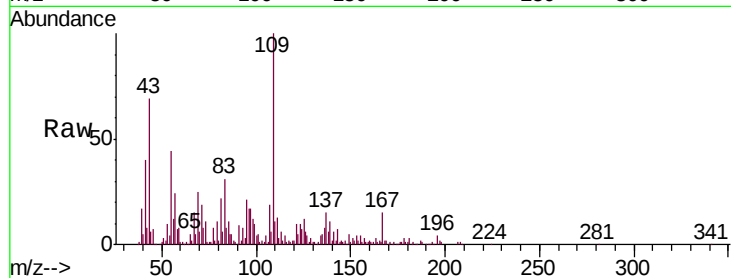
Tgt Ion:138 Resp: 12145

Ion Ratio Lower Upper

138 100

108 100.0 9.0 13.6#

92 26.5 92.3 138.5#



#52

4-Nitrophenol

Concen: 26.069 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BM021045.D

Acq: 19 Jun 2019 21:04

Tgt Ion:109 Resp: 223664

Ion Ratio Lower Upper

109 100

139 16.3 106.2 159.4#

65 14.7 99.6 149.4#

