

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016838.D
 Acq On : 21 Sep 2018 18:41
 Operator : SJ/JU
 Sample : J5012-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 02:22:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 02:21:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	255111	20.00	ng/ul	0.05
18) Naphthalene-d8	10.52	136	1245807	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	648599	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1429667	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1609225	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1710420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37636	6.31	ng/uL	0.01
5) Phenol-d5	6.90	99	164946	7.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	490655	36.82	ng/ul	0.02
9) 2-Chlorophenol-d4	7.27	132	547400	31.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	536	0.03	ng/ul	0.08
19) Nitrobenzene-d5	8.89	128	334346	40.84	ng/ul	0.02
22) 2-Nitrophenol-d4	9.59	143	340588	45.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	602111	31.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	25453	1.11	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1896841	36.42	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2392924	35.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	54932	6.43	ng/ul	0.00
58) Fluorene-d10	15.36	176	1682167	37.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	227597	38.78	ng/ul	0.00
71) Anthracene-d10	17.20	188	2587459	37.51	ng/ul	0.00
79) Pyrene-d10	19.50	212	2914028	37.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3399540	38.10	ng/ul	0.00

Target Compounds

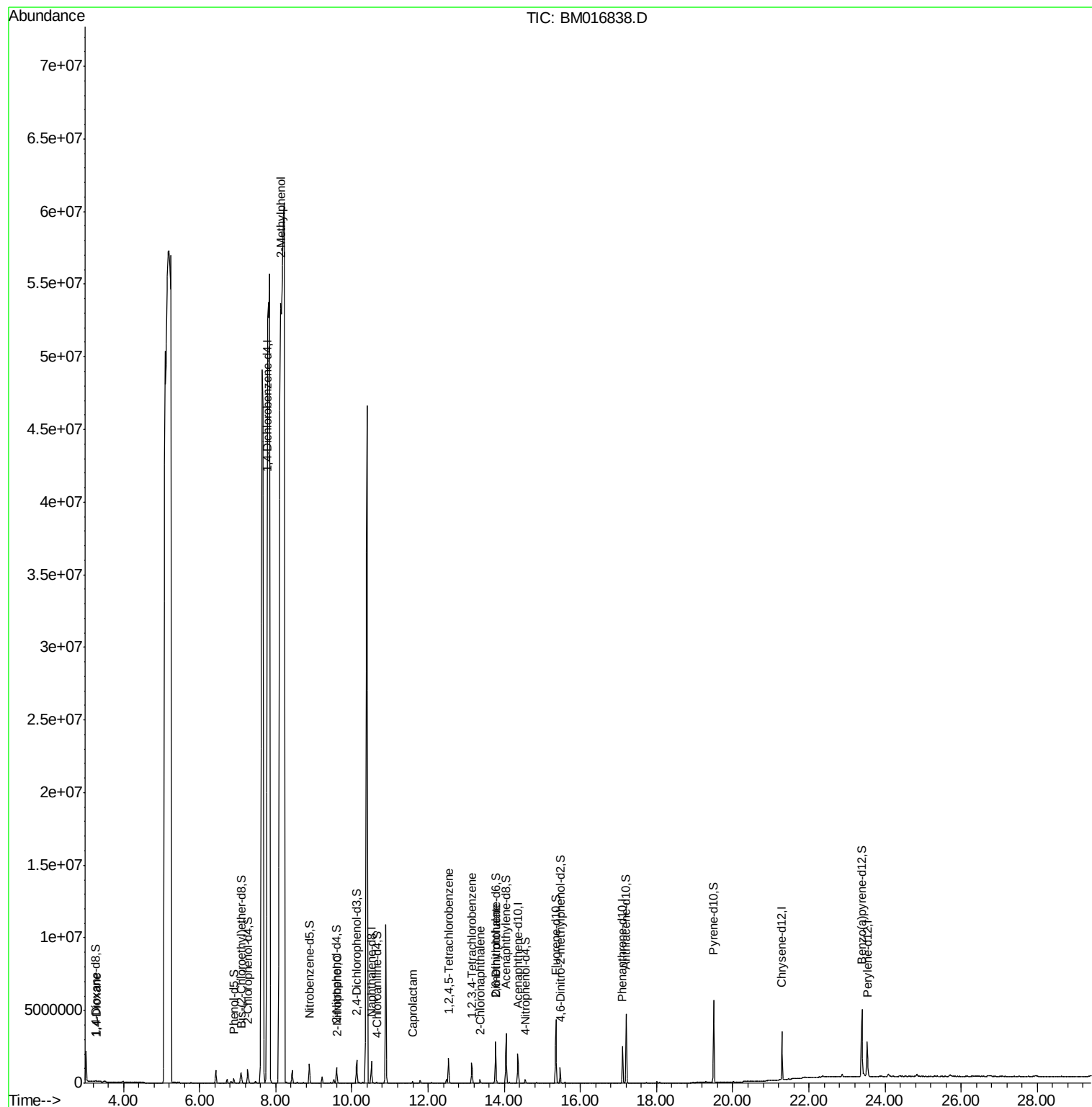
					Ovalue	
2) 1,4-Dioxane	3.31	88	10047	1.618	ng/uL#	87
11) 2-Methylphenol	8.13	108	353364	21.951	ng/ul	98
23) 2-Nitrophenol	9.62	139	18928	2.203	ng/ul#	92
32) Caprolactam	11.59	113	5981	1.041	ng/ul#	67
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	570746	25.622	ng/ul	98
42) 2-Chloronaphthalene	13.37	162	73295	1.736	ng/ul#	42
46) 2,6-Dinitrotoluene	13.77	165	13988	1.789	ng/ul#	41
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	438953	18.551	ng/uL	97

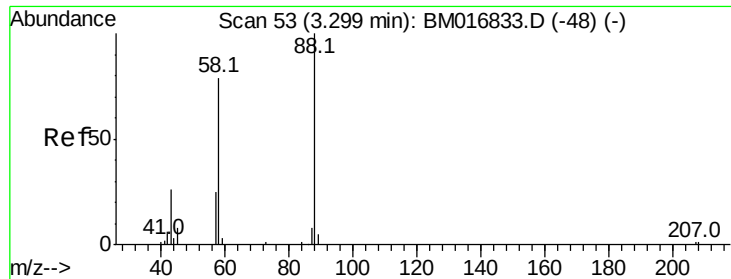
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.618 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. 0.01 min

Lab File: BM016838.D

Acq: 21 Sep 2018 18:41

Instrument :

BNA_M

ClientSampleId :

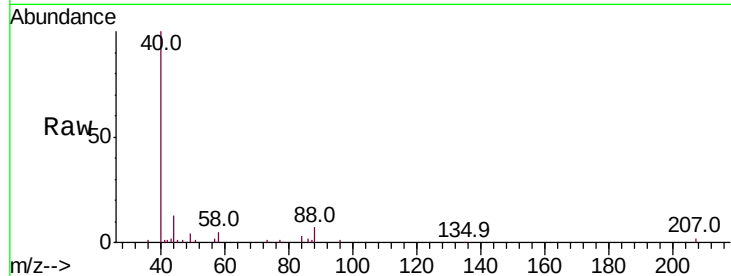
Tot Ion: 88 Resp: 10047

Ion Ratio Lower Upper

88 100

43 33.8 29.0 43.4

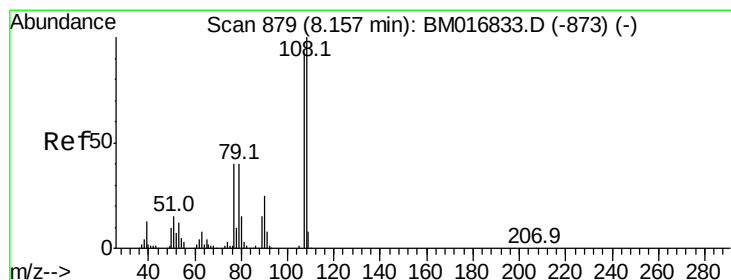
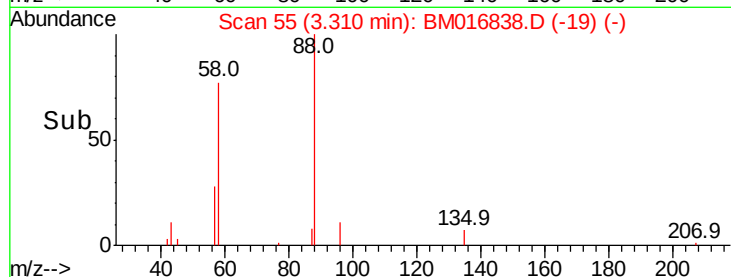
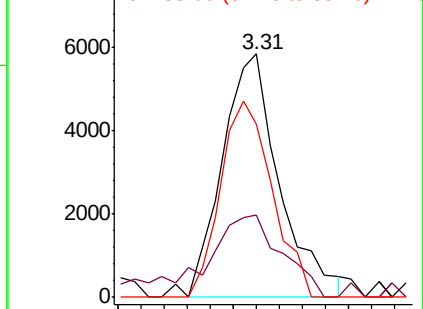
58 71.1 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM016838.D (-19) (-)

Ion 43.00 (42.70 to 43.70): BM016838.D (-19) (-)

Ion 58.00 (57.70 to 58.70): BM016838.D (-19) (-)



#11

2-Methylphenol

Concen: 21.951 ng/uL

RT: 8.13 min Scan# 875

Delta R.T. -0.02 min

Lab File: BM016838.D

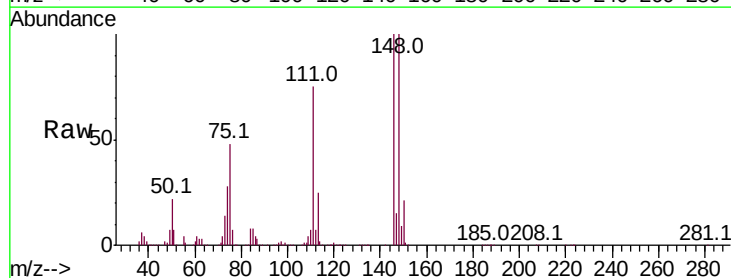
Acq: 21 Sep 2018 18:41

Tgt Ion: 108 Resp: 353364

Ion Ratio Lower Upper

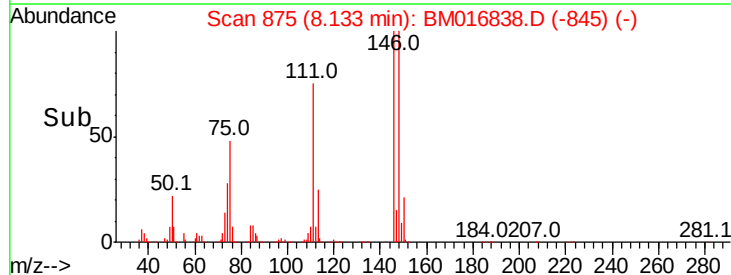
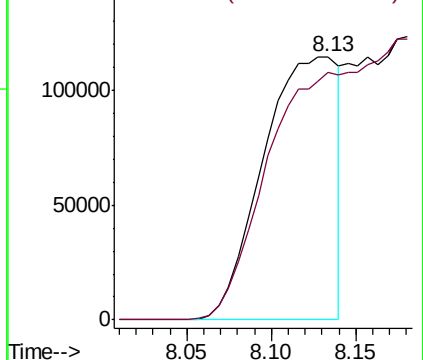
108 100

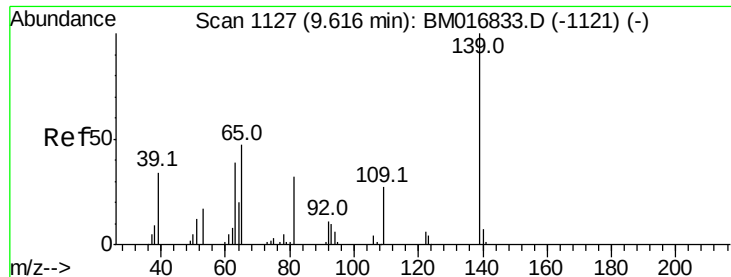
107 94.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): BM016838.D (-845) (-)

Ion 107.00 (106.70 to 107.70): BM016838.D (-845) (-)

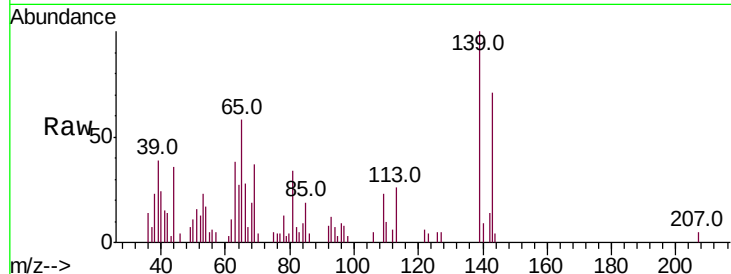




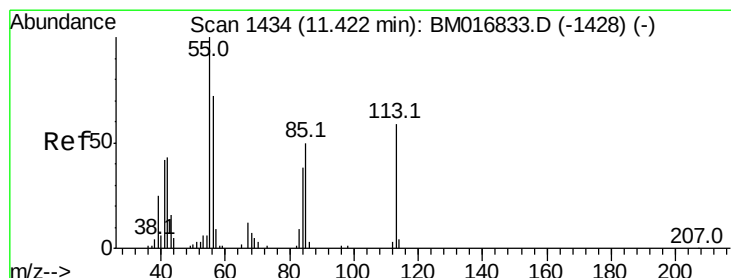
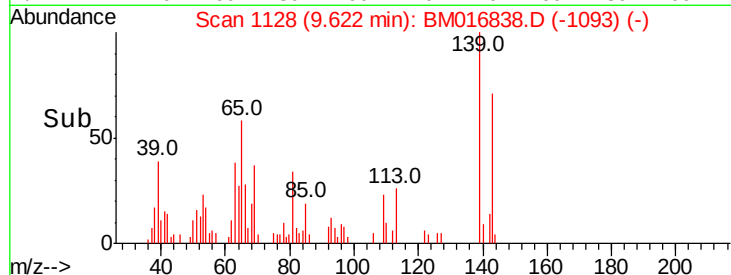
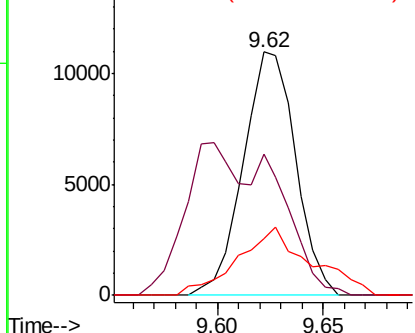
#23
2-Nitrophenol
Concen: 2.203 ng/ul
RT: 9.62 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BM016838.D
Acq: 21 Sep 2018 18:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 18928
Ion Ratio Lower Upper
139 100
65 57.9 45.3 67.9
109 23.4 27.7 41.5#

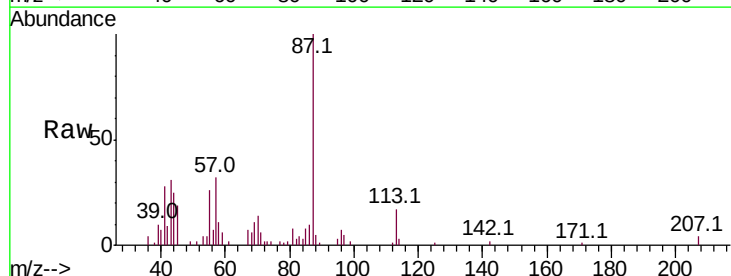


Abundance Ion 139.00 (138.70 to 139.70): E
15000
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E

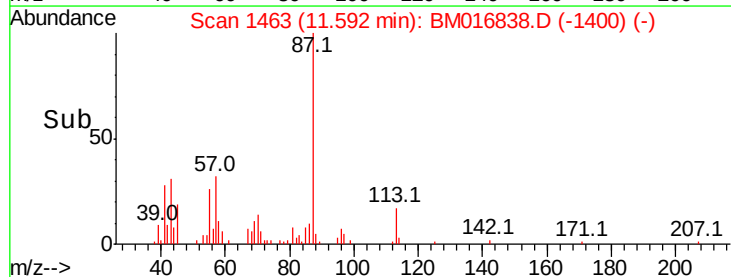
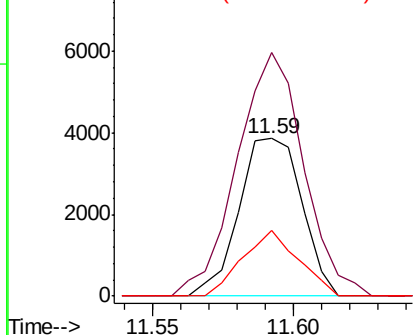


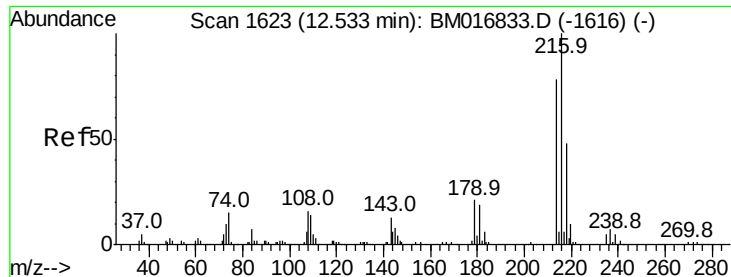
#32
Caprolactam
Concen: 1.041 ng/ul
RT: 11.59 min Scan# 1463
Delta R.T. 0.17 min
Lab File: BM016838.D
Acq: 21 Sep 2018 18:41

Tgt Ion:113 Resp: 5981
Ion Ratio Lower Upper
113 100
55 154.6 131.7 197.5
56 41.4 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E
8000
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

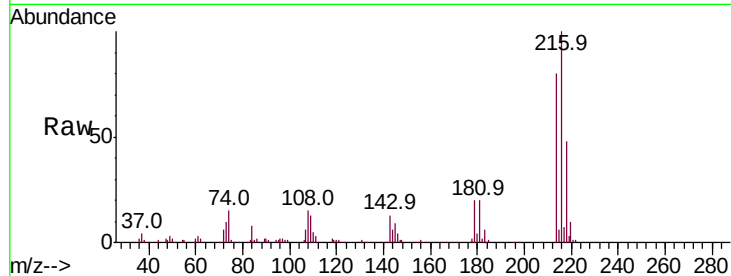




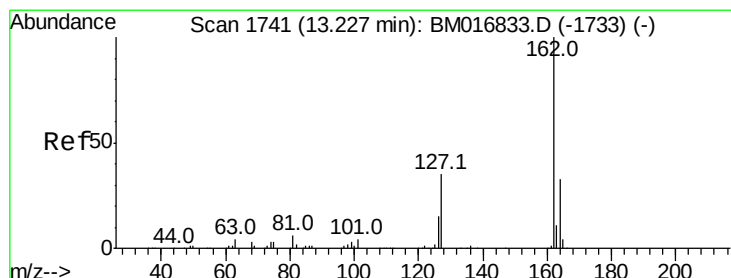
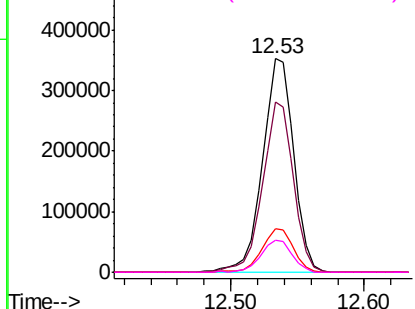
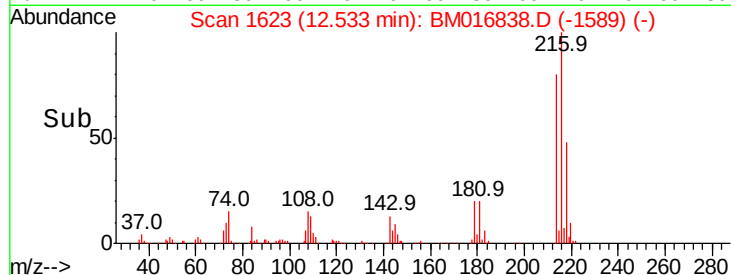
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.622 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BM016838.D
 Acq: 21 Sep 2018 18:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	216	Resp:	570746
Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.1	96.1
179	20.3	14.5	21.7
108	15.3	10.4	15.6

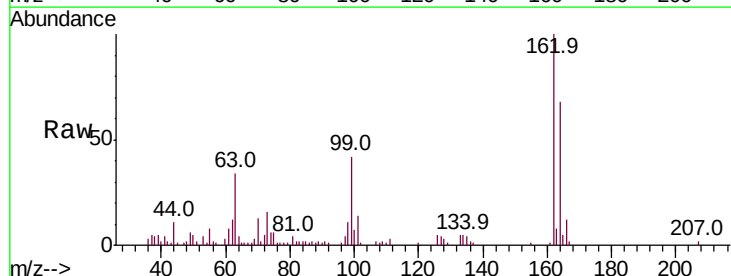


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

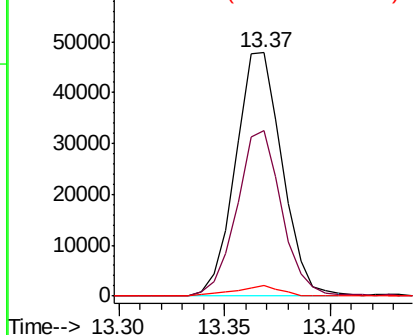
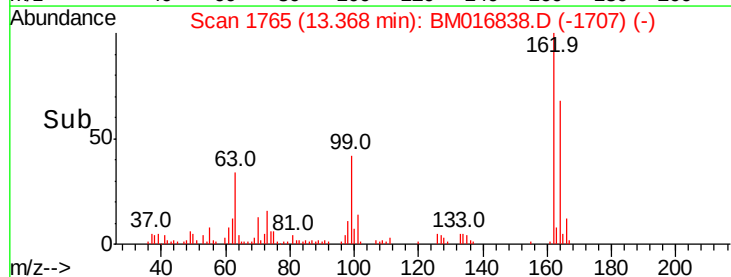


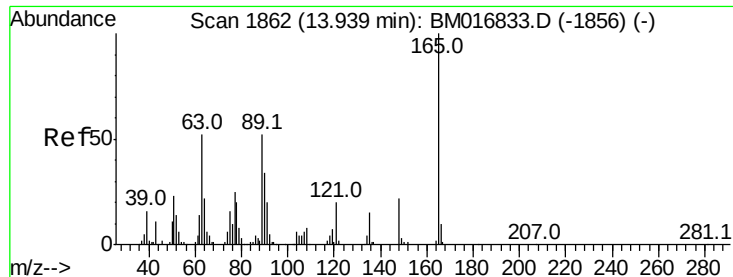
#42
 2-Chloronaphthalene
 Concen: 1.736 ng/ul
 RT: 13.37 min Scan# 1765
 Delta R.T. 0.14 min
 Lab File: BM016838.D
 Acq: 21 Sep 2018 18:41

Tgt Ion:	162	Resp:	73295
Ion	Ratio	Lower	Upper
162	100		
164	67.7	26.2	39.4#
127	4.2	29.5	44.3#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

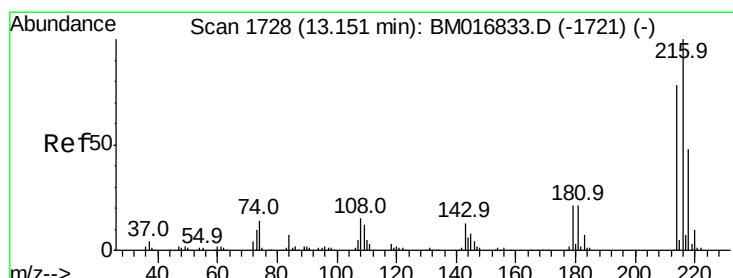
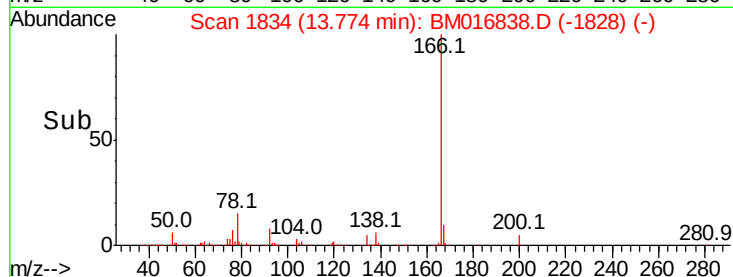
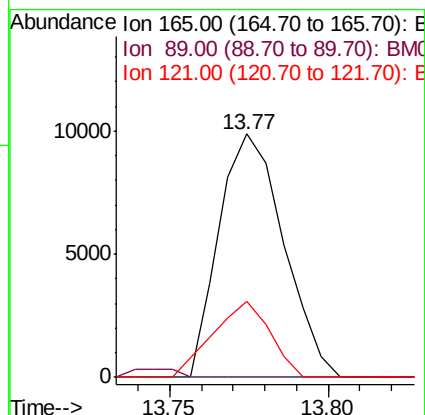
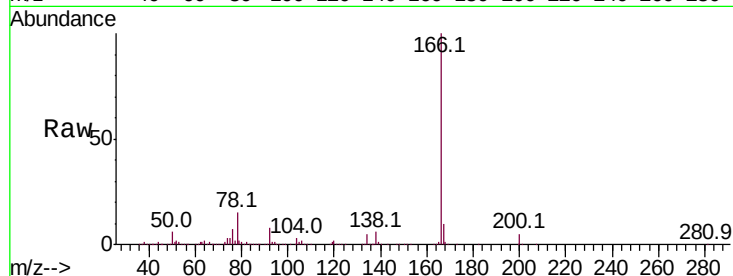




#46
 2,6-Dinitrotoluene
 Concen: 1.789 ng/uL
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.16 min
 Lab File: BM016838.D
 Acq: 21 Sep 2018 18:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	31.2	17.8	26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 18.551 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BM016838.D
 Acq: 21 Sep 2018 18:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	64.1	96.1
218	47.9	39.4	59.0

