

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016864.D
 Acq On : 22 Sep 2018 11:35
 Operator : SJ/JU
 Sample : J5012-03DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:43:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 24 01:42:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	237390	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	940830	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	486531	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1089892	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1212927	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1293023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1035	0.19	ng/uL	0.00
5) Phenol-d5	6.89	99	10730	0.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	38742	3.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	36167	2.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	22565	1.46	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	22146	3.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	18410	3.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	36959	2.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	1008	0.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	139854	3.58	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	152078	3.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	2680	0.42	ng/ul	0.00
58) Fluorene-d10	15.35	176	126948	3.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	9212	2.06	ng/ul	0.00
71) Anthracene-d10	17.20	188	182110	3.46	ng/ul	0.00
79) Pyrene-d10	19.50	212	202829	3.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	221322	3.28	ng/ul	0.00

Target Compounds

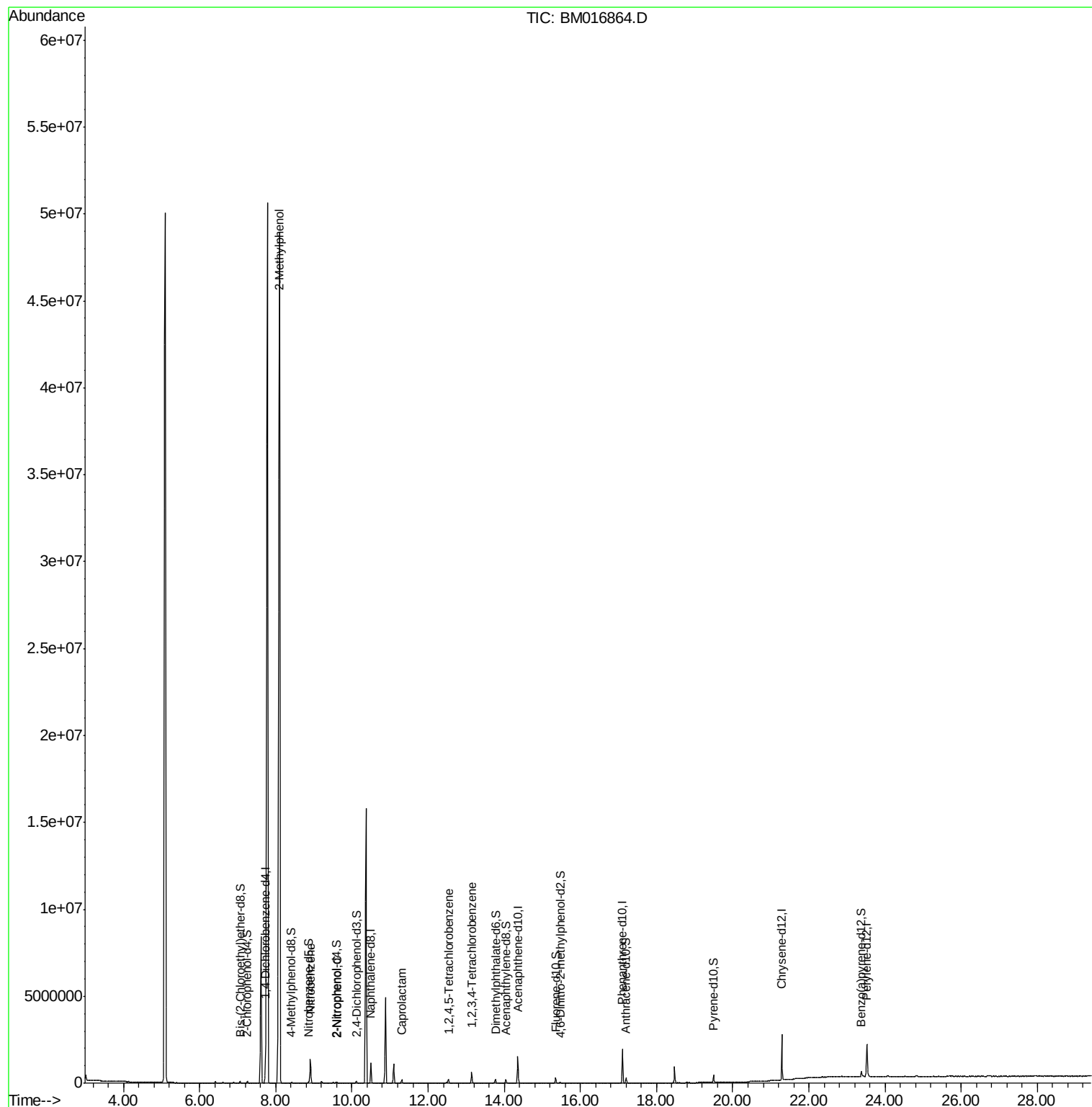
					Ovalue	
11) 2-Methylphenol	8.10	108	248364	16.580	ng/ul	98
20) Nitrobenzene	8.91	77	722372	46.195	ng/ul#	89
23) 2-Nitrophenol	9.62	139	6620	1.020	ng/ul	95
32) Caprolactam	11.31	113	16359	3.770	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	75161	4.498	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	198678	11.014	ng/uL	97

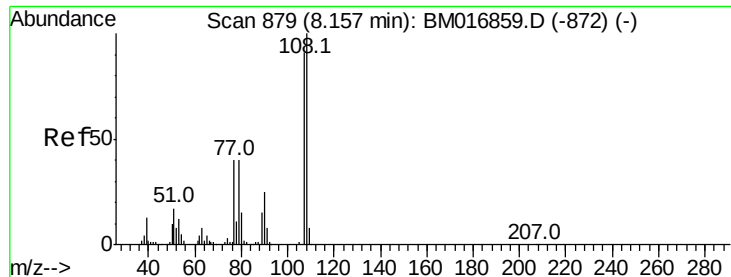
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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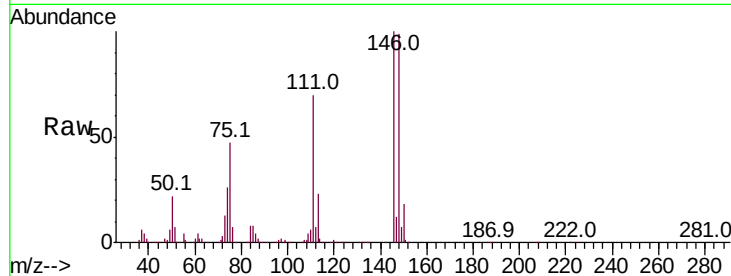




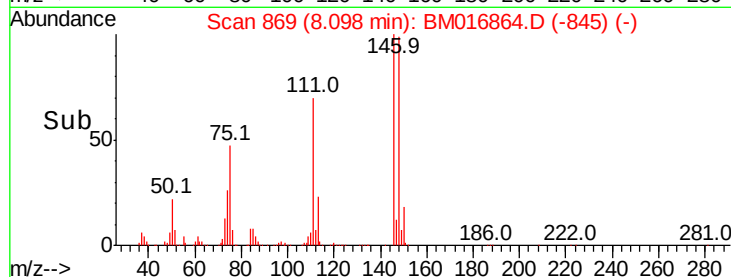
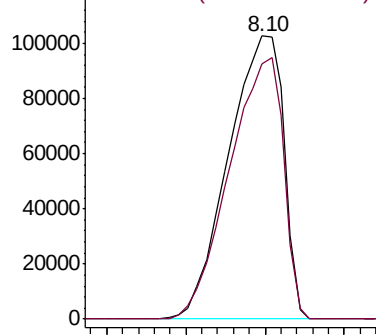
#11
2-Methylphenol
Concen: 16.580 ng/ul
RT: 8.10 min Scan# 869
Delta R.T. -0.06 min
Lab File: BM016864.D
Acq: 22 Sep 2018 11:35

Instrument :
BNA_M
ClientSampleId :

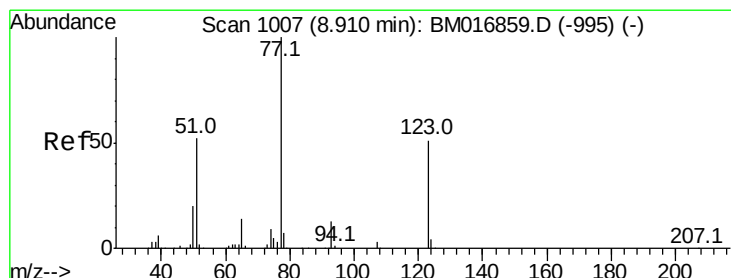
Tot Ion:108 Resp: 248364
Ion Ratio Lower Upper
108 100
107 90.3 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

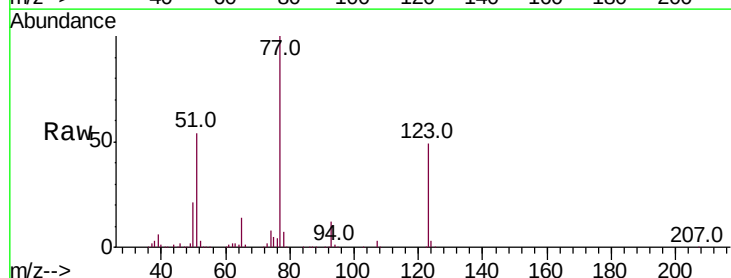


Time-->

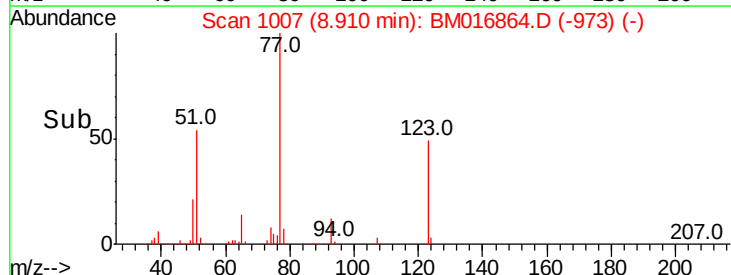
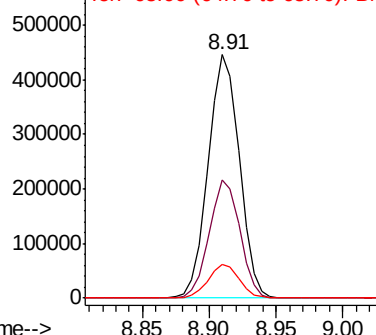


#20
Nitrobenzene
Concen: 46.195 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM016864.D
Acq: 22 Sep 2018 11:35

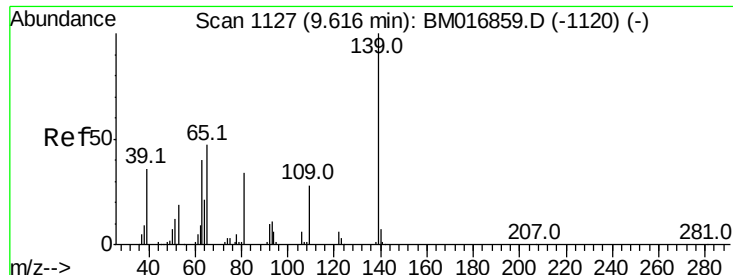
Tgt Ion: 77 Resp: 722372
Ion Ratio Lower Upper
77 100
123 48.7 31.8 47.8#
65 14.1 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0



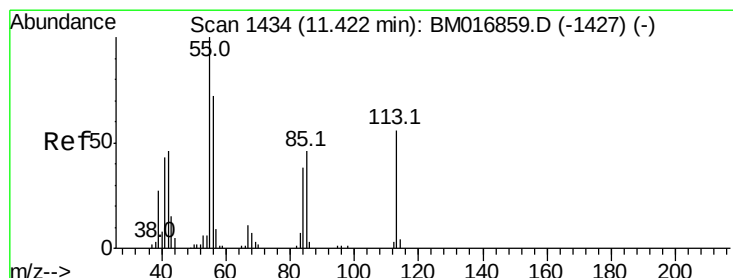
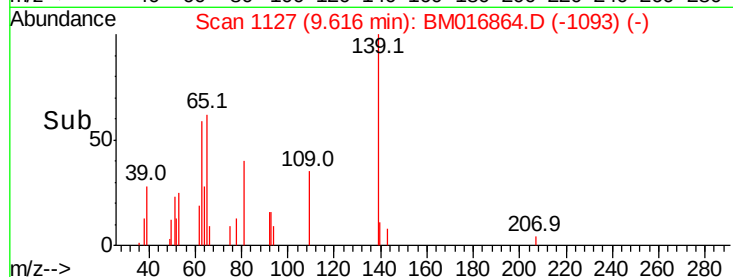
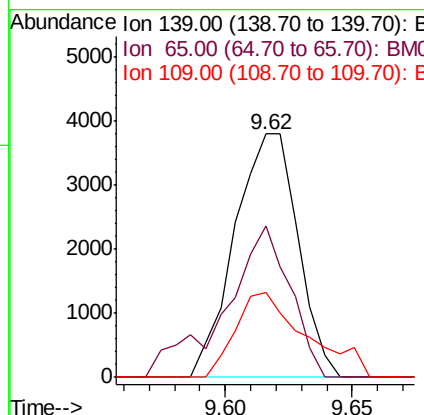
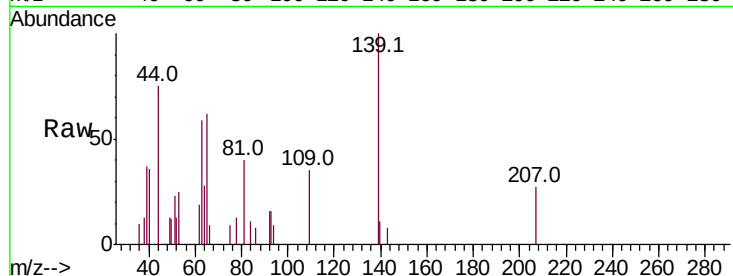
Time-->



#23
2-Nitrophenol
Concen: 1.020 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BM016864.D
Acq: 22 Sep 2018 11:35

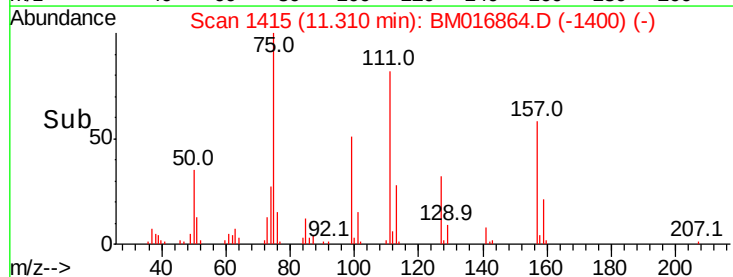
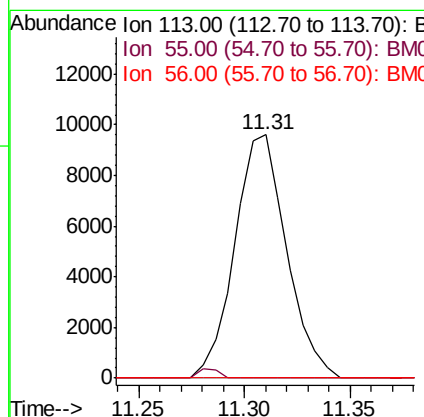
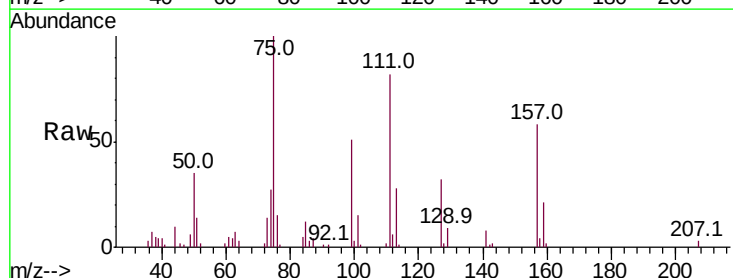
Instrument :
BNA_M
ClientSampled :

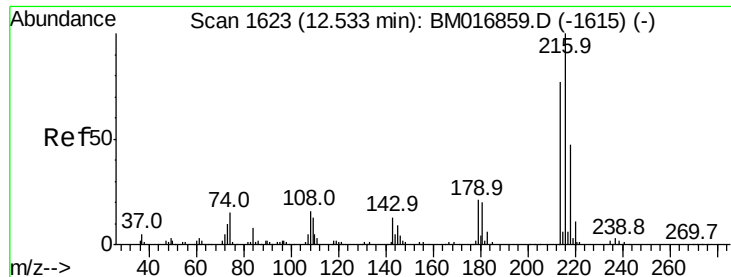
Tot Ion:139 Resp: 6620
Ion Ratio Lower Upper
139 100
65 62.0 45.3 67.9
109 34.8 27.7 41.5



#32
Caprolactam
Concen: 3.770 ng/ul
RT: 11.31 min Scan# 1415
Delta R.T. -0.11 min
Lab File: BM016864.D
Acq: 22 Sep 2018 11:35

Tgt Ion:113 Resp: 16359
Ion Ratio Lower Upper
113 100
55 0.0 131.7 197.5#
56 0.0 92.7 139.1#

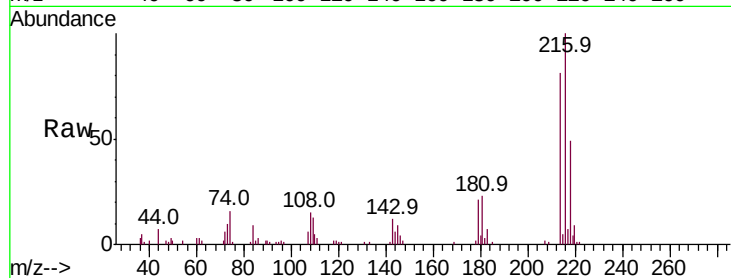




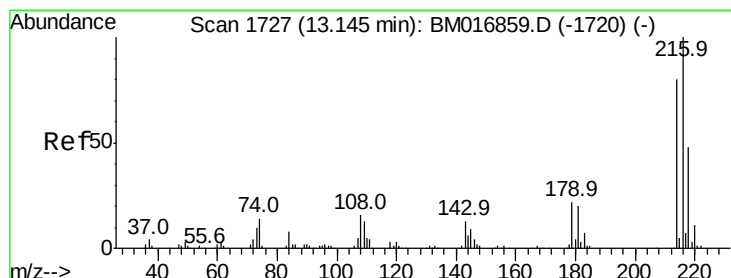
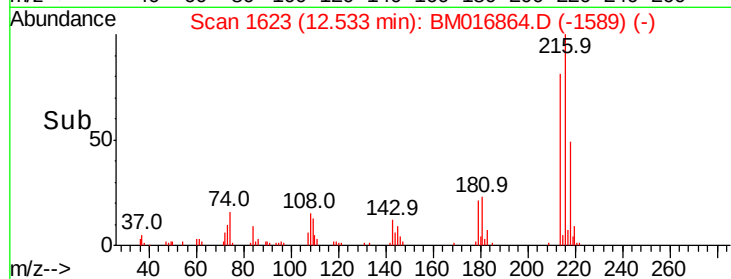
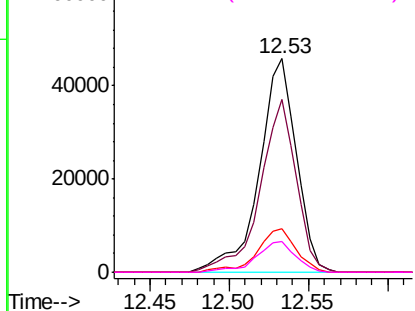
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.498 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BM016864.D
 Acq: 22 Sep 2018 11:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	75161
Ion	Ratio	Lower	Upper
216	100		
214	81.0	64.1	96.1
179	20.6	14.5	21.7
108	14.7	10.4	15.6

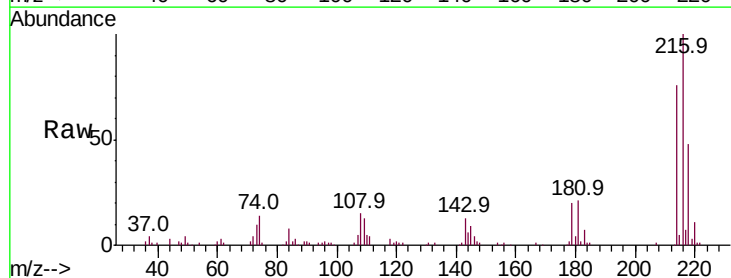


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.014 ng/uL
 RT: 13.14 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BM016864.D
 Acq: 22 Sep 2018 11:35

Tgt Ion:	216	Resp:	198678
Ion	Ratio	Lower	Upper
216	100		
214	76.1	64.1	96.1
218	48.3	39.4	59.0



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

