

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016834.D
 Acq On : 21 Sep 2018 16:18
 Operator : SJ/JU
 Sample : J5012-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 02:22:06 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	7.73	152	272236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1130599	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	629799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1425106	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1615345	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1736154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	38874	6.11	ng/uL	0.00
5) Phenol-d5	6.89	99	192078	8.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	479954	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	555769	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	345770	19.46	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	319792	43.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	322844	47.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	586903	34.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	2822	0.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1851490	36.61	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2318587	35.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	64882	7.82	ng/ul	0.00
58) Fluorene-d10	15.36	176	1652447	37.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	222661	38.06	ng/ul	0.00
71) Anthracene-d10	17.20	188	2540397	36.95	ng/ul	0.00
79) Pyrene-d10	19.50	212	2848338	36.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3324932	36.71	ng/ul	0.00

Target Compounds

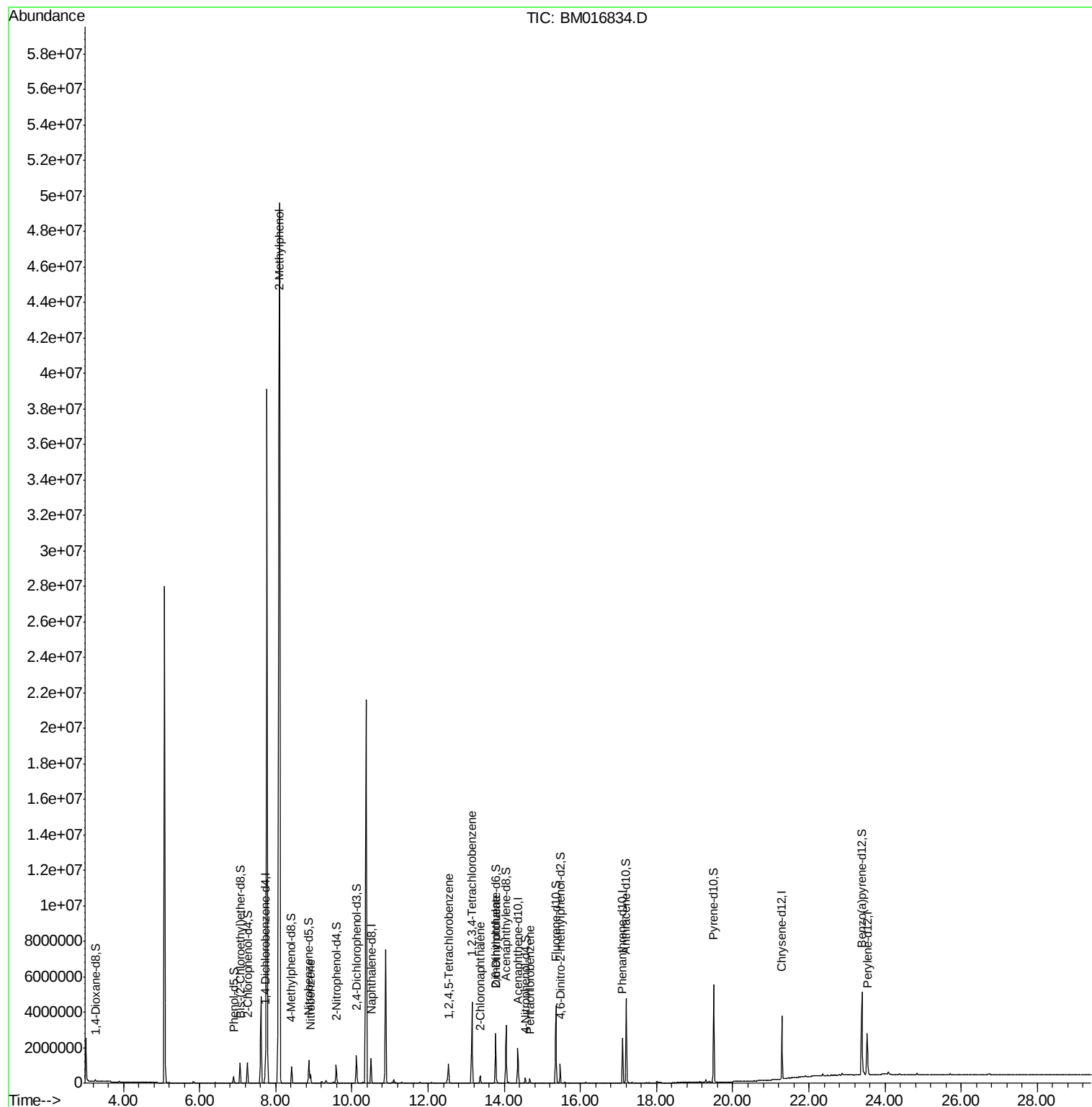
					Ovalue	
11) 2-Methylphenol	8.10	108	253002	14.728	ng/ul	94
20) Nitrobenzene	8.91	77	264555	14.078	ng/ul#	87
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	350861	16.221	ng/ul	96
42) 2-Chloronaphthalene	13.37	162	93222	2.274	ng/ul#	47
46) 2,6-Dinitrotoluene	13.77	165	13906	1.832	ng/ul#	41
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1449878	61.471	ng/uL	98
74) Pentachlorobenzene	14.67	250	62069	2.917	ng/uL	98

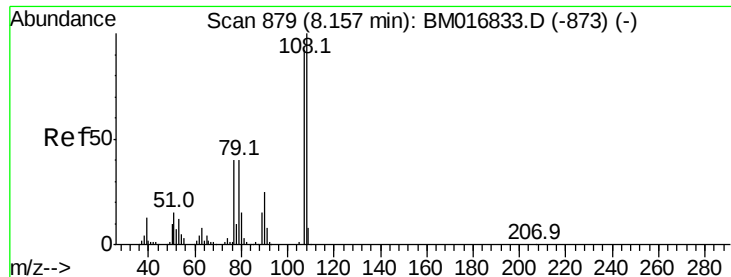
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 14.728 ng/ul

RT: 8.10 min Scan# 869

Delta R.T. -0.06 min

Lab File: BM016834.D

Acq: 21 Sep 2018 16:18

Instrument :

BNA_M

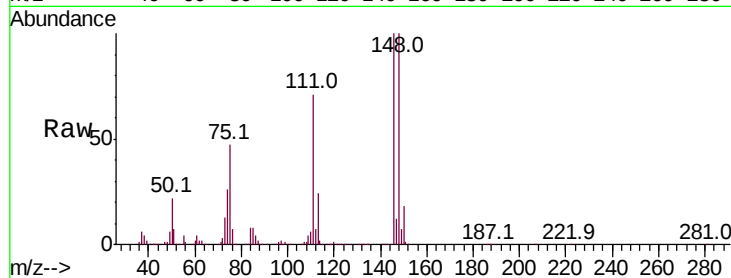
ClientSampleId :

Tot Ion:108 Resp: 253002

Ion Ratio Lower Upper

108 100

107 86.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.10

120000

100000

80000

60000

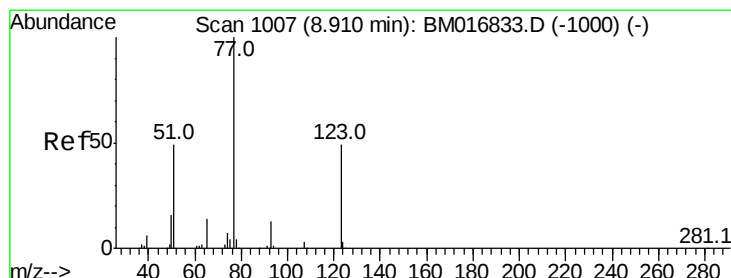
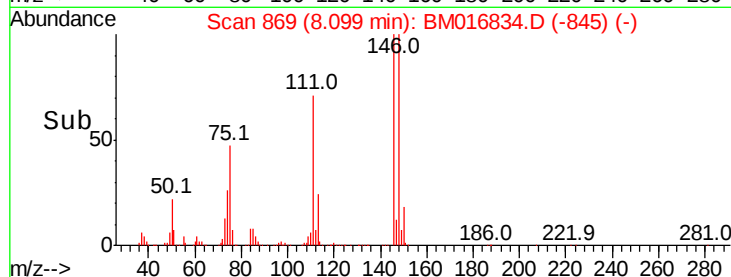
40000

20000

0

Time-->

8.00 8.05 8.10 8.15



#20

Nitrobenzene

Concen: 14.078 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016834.D

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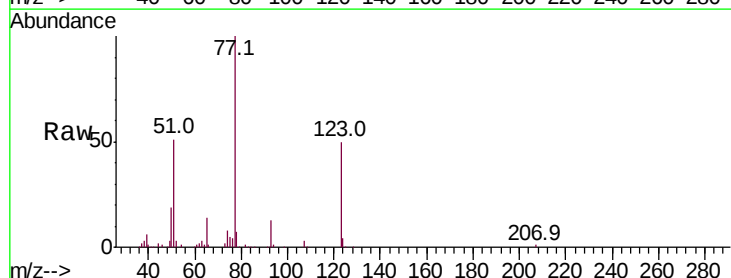
Tgt Ion: 77 Resp: 264555

Ion Ratio Lower Upper

77 100

123 50.5 31.8 47.8#

65 13.6 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

200000

150000

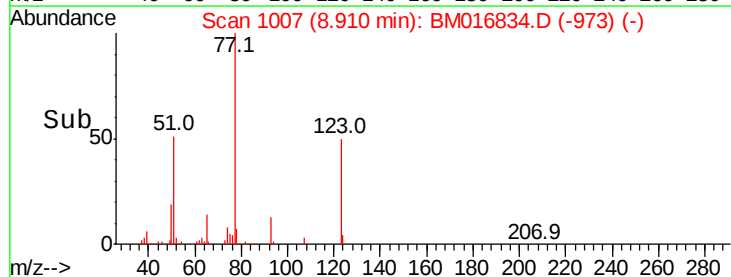
100000

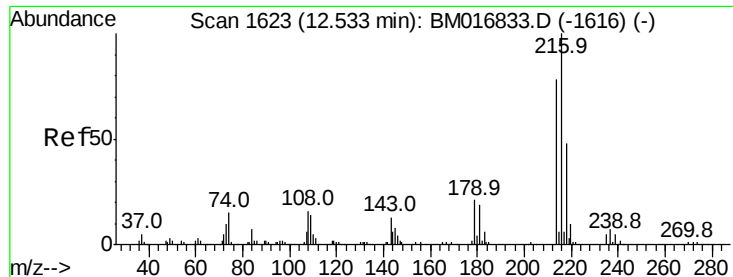
50000

0

Time-->

8.80 8.85 8.90 8.95 9.00

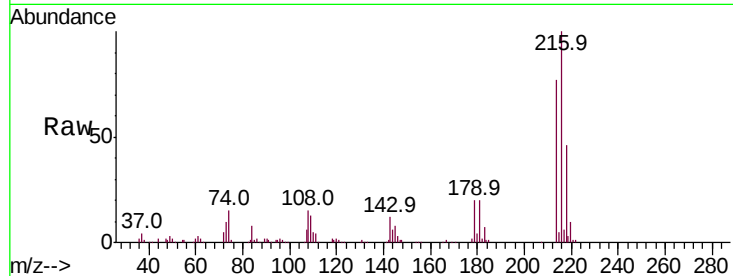




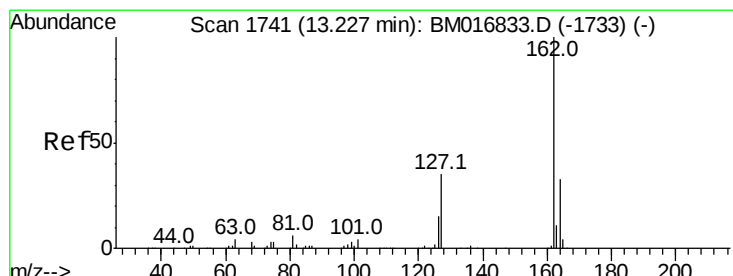
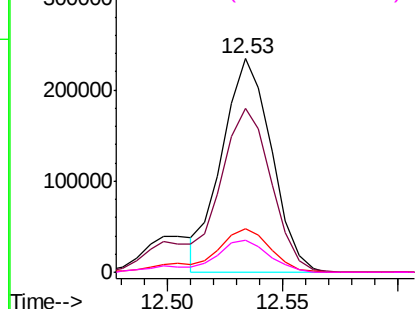
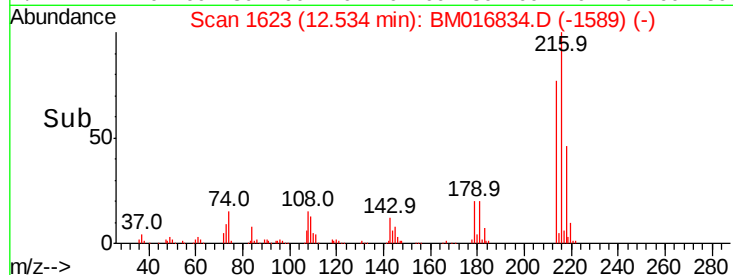
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 16.221 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BM016834.D
 Acq: 21 Sep 2018 16:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	350861
Ion	Ratio	Lower	Upper
216	100		
214	76.9	64.1	96.1
179	20.4	14.5	21.7
108	14.9	10.4	15.6

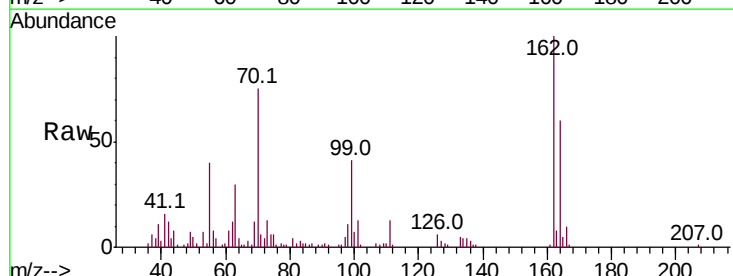


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

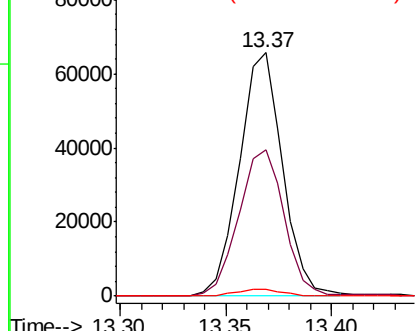
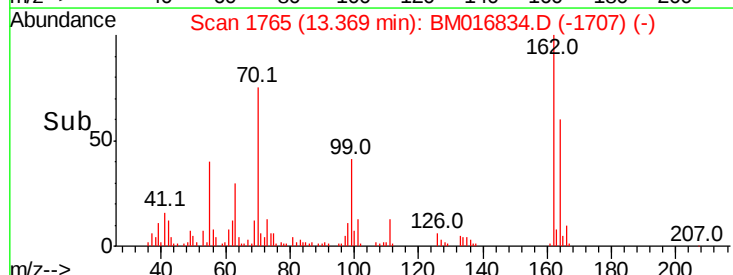


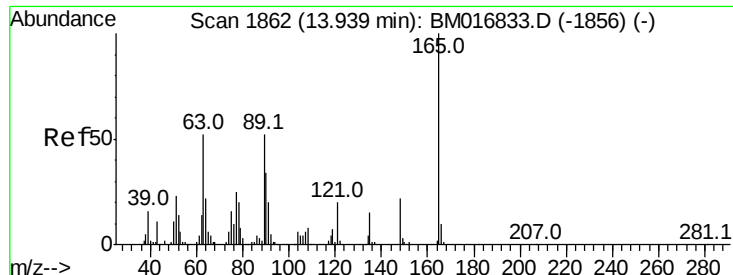
#42
 2-Chloronaphthalene
 Concen: 2.274 ng/ul
 RT: 13.37 min Scan# 1765
 Delta R.T. 0.14 min
 Lab File: BM016834.D
 Acq: 21 Sep 2018 16:18

Tgt Ion:	162	Resp:	93222
Ion	Ratio	Lower	Upper
162	100		
164	60.0	26.2	39.4#
127	3.0	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

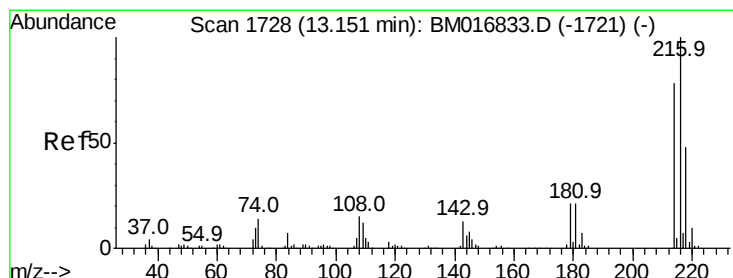
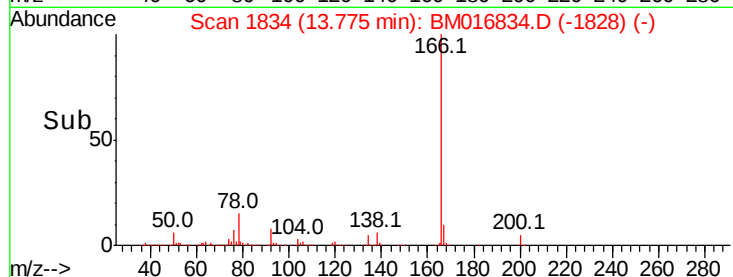
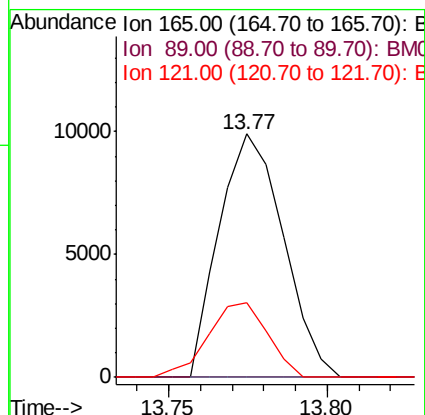
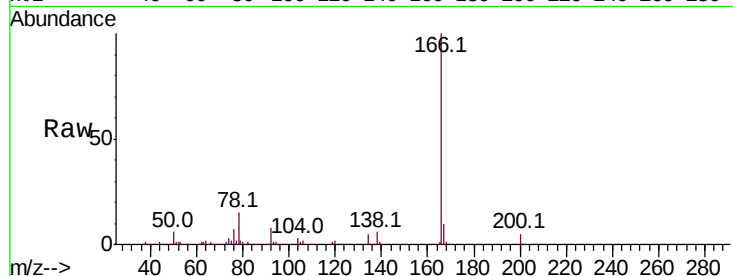




#46
 2,6-Dinitrotoluene
 Concen: 1.832 ng/ul
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.16 min
 Lab File: BM016834.D
 Acq: 21 Sep 2018 16:18

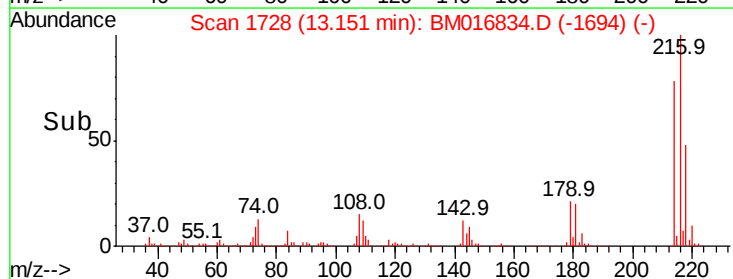
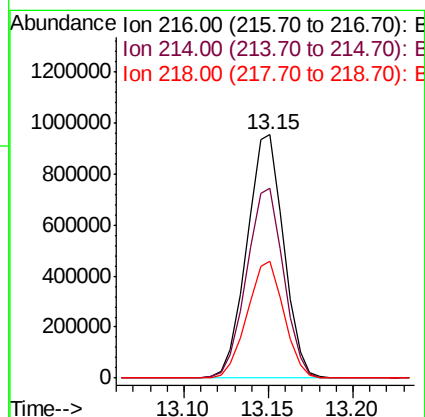
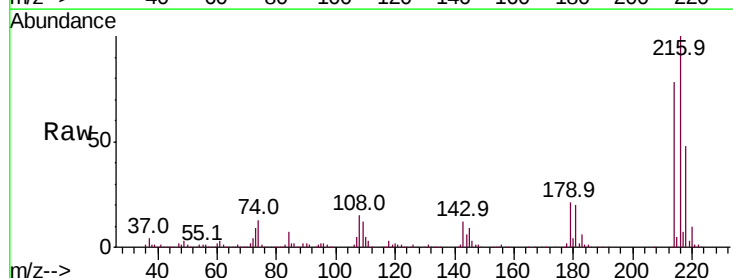
Instrument :
 BNA_M
 ClientSampleId :

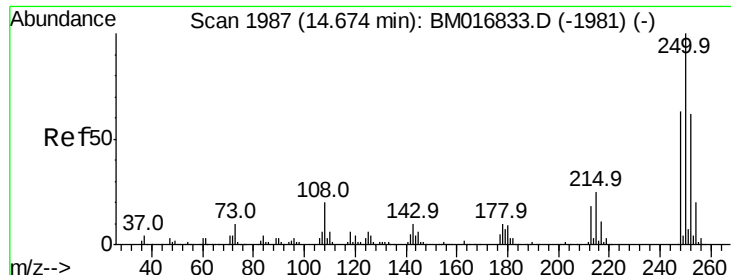
Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	30.8	17.8	26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 61.471 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM016834.D
 Acq: 21 Sep 2018 16:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.1	96.1
218	48.2	39.4	59.0





#74

Pentachlorobenzene

Concen: 2.917 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

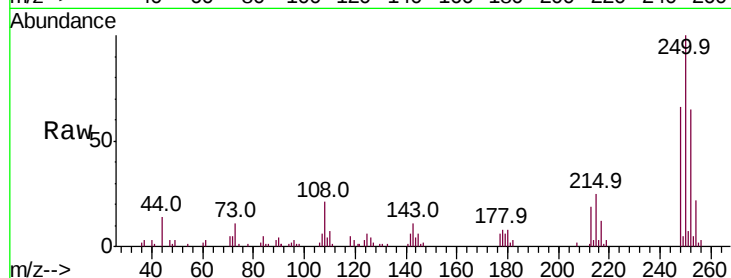
Lab File: BM016834.D

Acq: 21 Sep 2018 16:18

Instrument :

BNA_M

ClientSampleId :



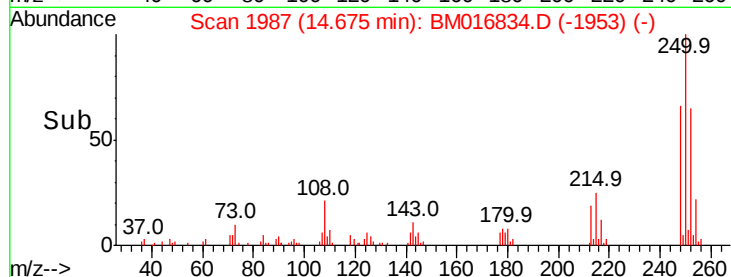
Tot Ion:250 Resp: 62069

Ion Ratio Lower Upper

250 100

248 65.7 51.4 77.2

252 64.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

