

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016845.D
 Acq On : 21 Sep 2018 22:54
 Operator : SJ/JU
 Sample : J5013-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 02:23:18 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	7.75	152	157024	20.00	ng/ul	0.03
18) Naphthalene-d8	10.52	136	1216828	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	637515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1395601	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1574102	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1684363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	40948	11.15	ng/uL	0.00
5) Phenol-d5	6.89	99	167181	12.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	487628	59.45	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	547685	50.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	337725	32.95	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	339153	42.42	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	349316	48.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	605594	32.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	26001	1.17	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1904687	37.21	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2461308	37.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	61856	7.36	ng/ul	0.00
58) Fluorene-d10	15.35	176	1697028	37.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	241772	42.20	ng/ul	0.00
71) Anthracene-d10	17.20	188	2578541	38.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	2895619	37.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3415944	38.88	ng/ul	0.00

Target Compounds

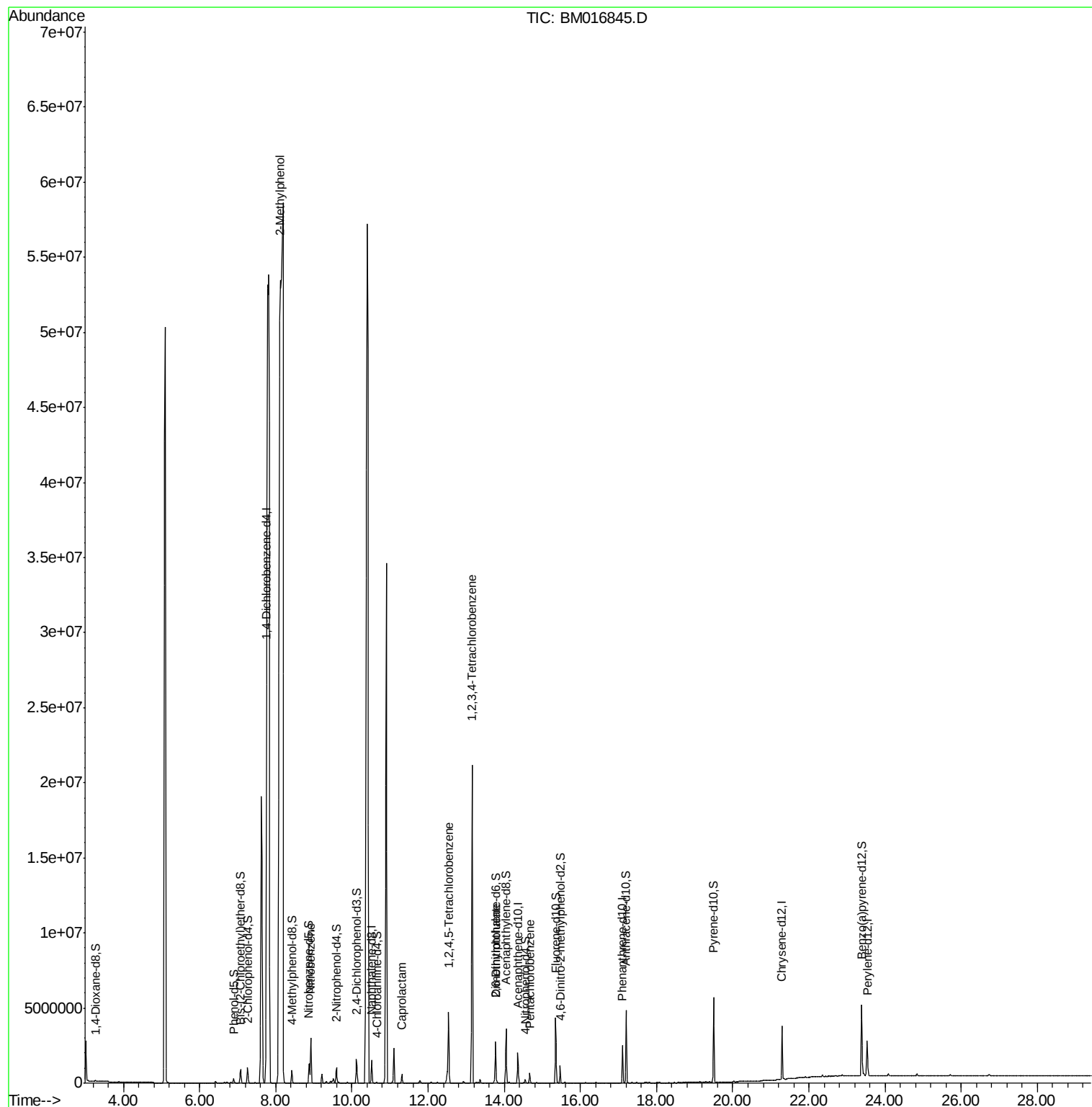
					Ovalue	
11) 2-Methylphenol	8.12	108	369659	37.308	ng/ul	96
20) Nitrobenzene	8.92	77	1594965	78.862	ng/ul#	88
32) Caprolactam	11.32	113	43512	7.753	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	1854904	84.720	ng/ul	96
46) 2,6-Dinitrotoluene	13.77	165	14803	1.927	ng/ul#	42
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	6826356	295.536	ng/uL	99
74) Pentachlorobenzene	14.67	250	169142	8.118	ng/uL	98

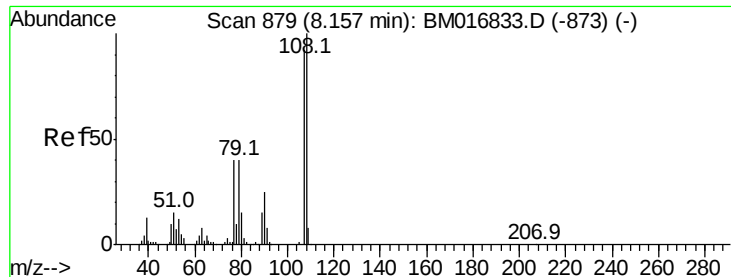
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 37.308 ng/ul

RT: 8.12 min Scan# 873

Delta R.T. -0.04 min

Lab File: BM016845.D

Acq: 21 Sep 2018 22:54

Instrument :

BNA_M

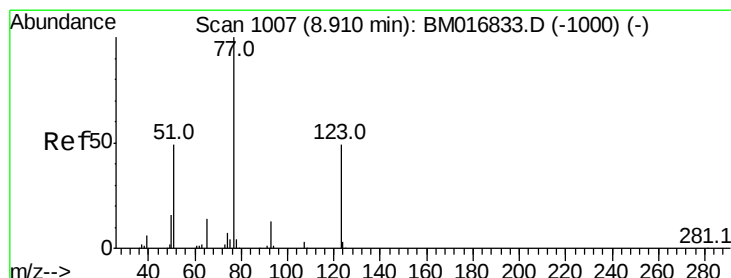
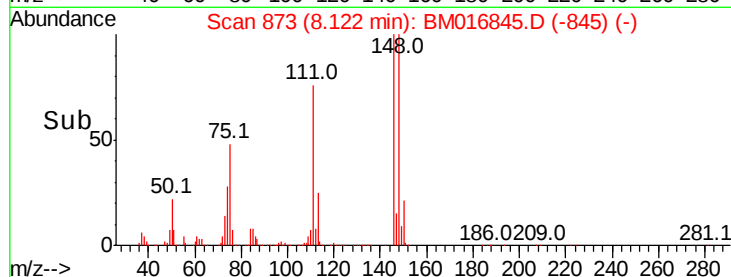
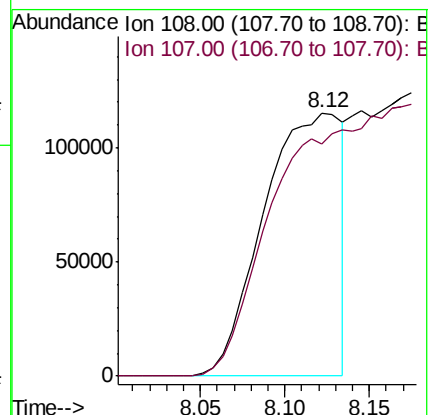
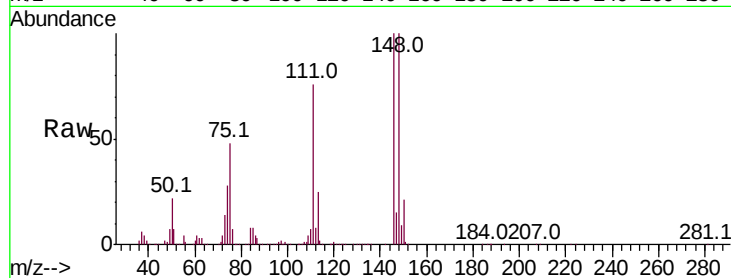
ClientSampleId :

Tot Ion:108 Resp: 369659

Ion Ratio Lower Upper

108 100

107 88.5 74.1 111.1



#20

Nitrobenzene

Concen: 78.862 ng/ul

RT: 8.92 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BM016845.D

Acq: 21 Sep 2018 22:54

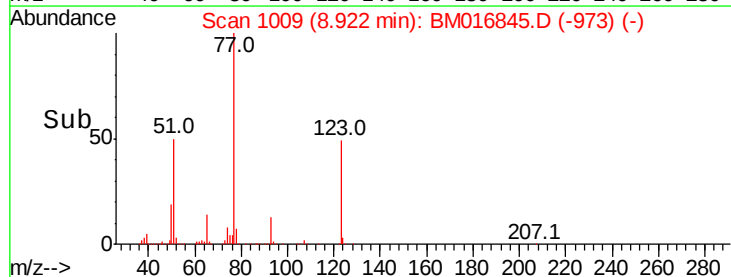
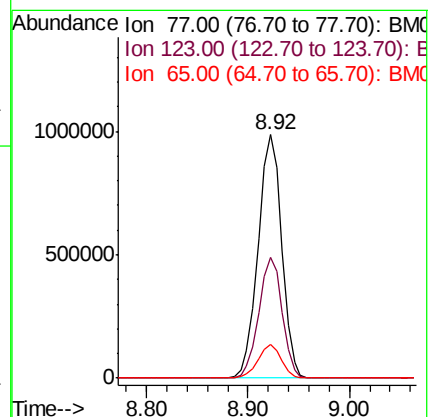
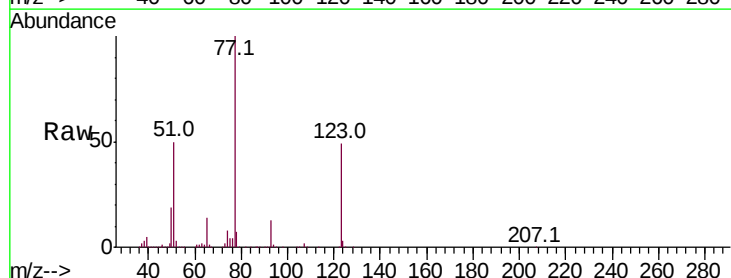
Tgt Ion: 77 Resp: 1594965

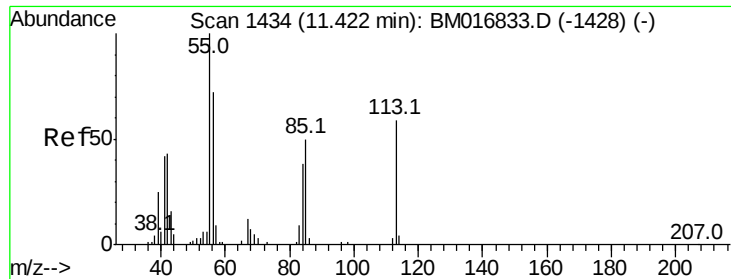
Ion Ratio Lower Upper

77 100

123 49.4 31.8 47.8#

65 13.9 10.6 16.0





#32

Caprolactam

Concen: 7.753 ng/ul

RT: 11.32 min Scan# 1416

Delta R.T. -0.11 min

Lab File: BM016845.D

Acq: 21 Sep 2018 22:54

Instrument :

BNA_M

ClientSampleId :

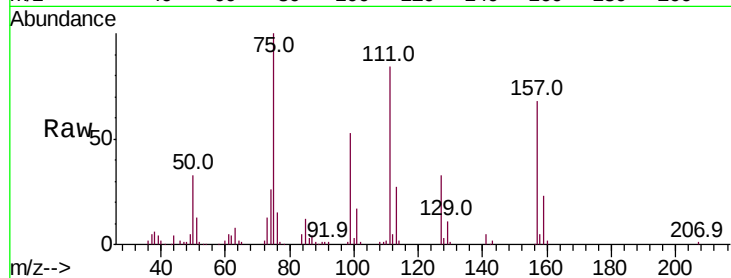
Tot Ion:113 Resp: 43512

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

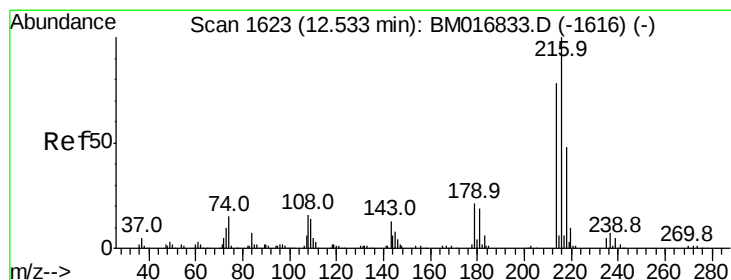
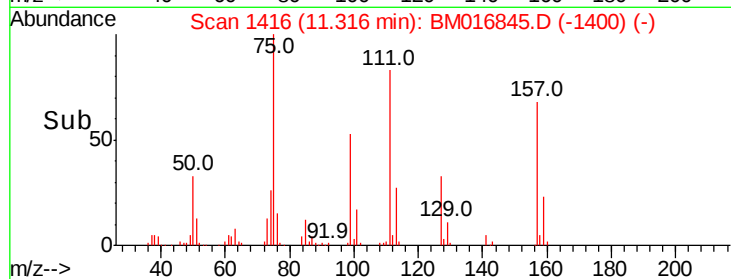
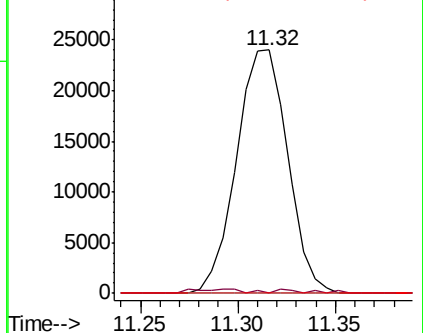
56 0.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

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: 84.720 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BM016845.D

Acq: 21 Sep 2018 22:54

Tgt Ion:216 Resp: 1854904

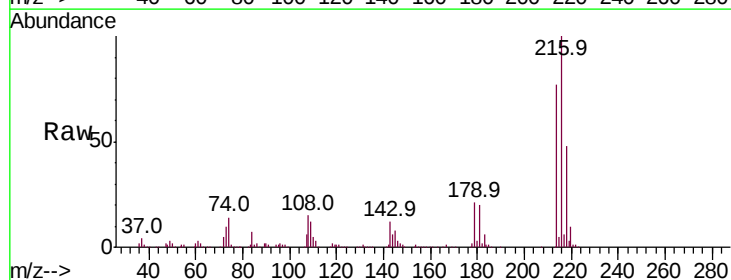
Ion Ratio Lower Upper

216 100

214 77.3 64.1 96.1

179 20.8 14.5 21.7

108 15.2 10.4 15.6

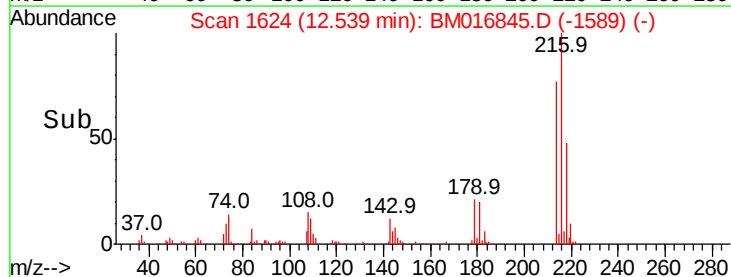
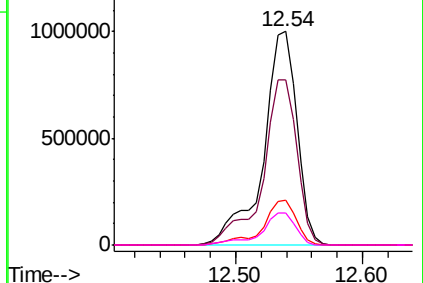


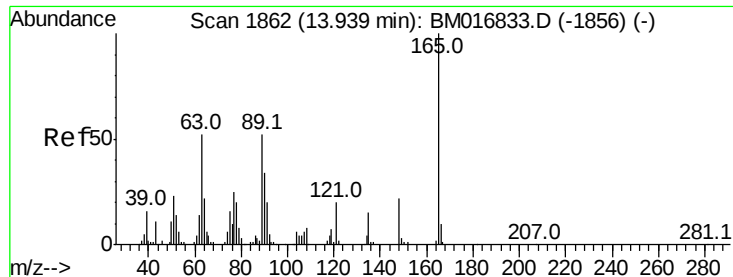
Abundance Ion 216.00 (215.70 to 216.70): E

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

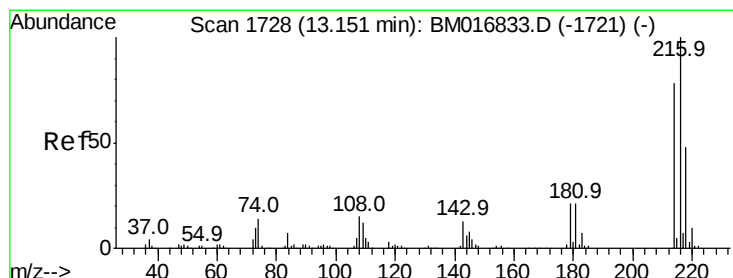
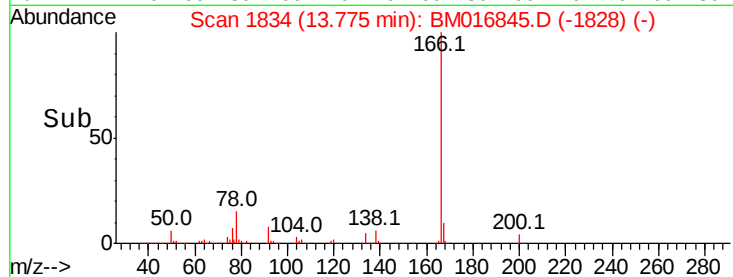
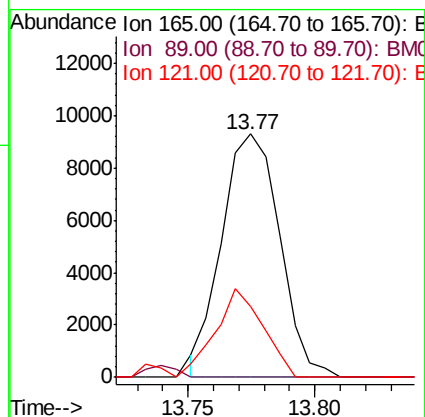
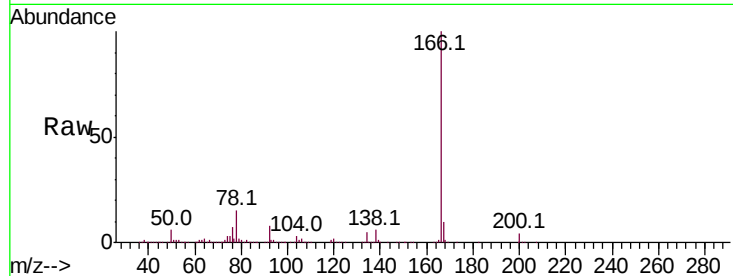




#46
 2,6-Dinitrotoluene
 Concen: 1.927 ng/uL
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.16 min
 Lab File: BM016845.D
 Acq: 21 Sep 2018 22:54

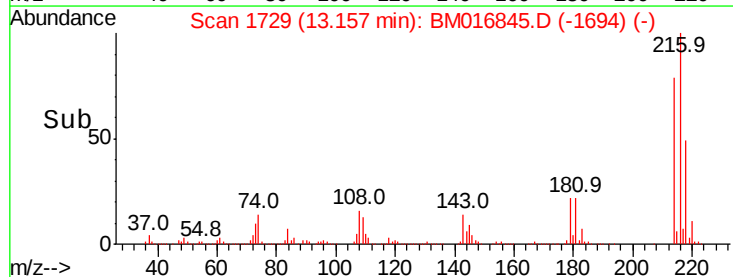
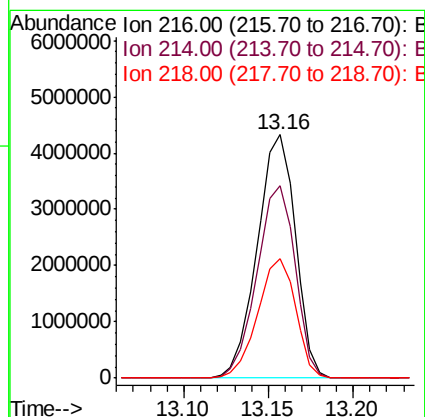
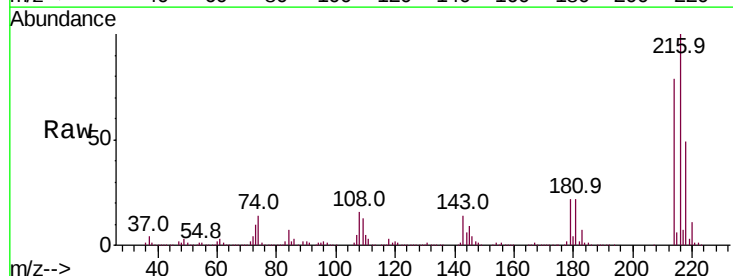
Instrument :
 BNA_M
 ClientSampleId :

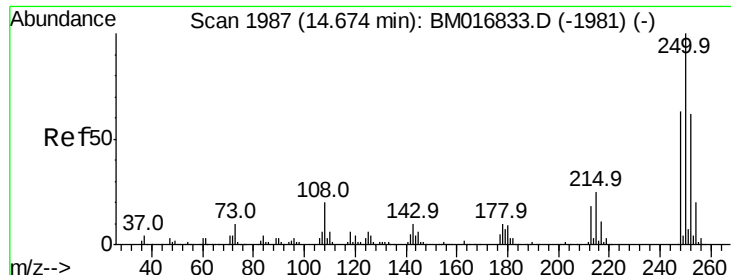
Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	29.0	17.8	26.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 295.536 ng/uL
 RT: 13.16 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BM016845.D
 Acq: 21 Sep 2018 22:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
218	48.9	39.4	59.0





#74

Pentachlorobenzene

Concen: 8.118 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016845.D

Acq: 21 Sep 2018 22:54

Instrument :

BNA_M

ClientSampleId :

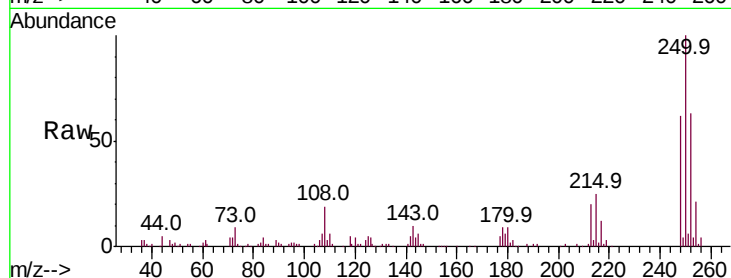
Tot Ion:250 Resp: 169142

Ion Ratio Lower Upper

250 100

248 61.7 51.4 77.2

252 63.0 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

