

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016826.D
 Acq On : 21 Sep 2018 11:30
 Operator : SJ/JU
 Sample : J5012-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 01:09:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 01:08:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	244145	20.00	ng/ul	0.04
18) Naphthalene-d8	10.52	136	1188204	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	634098	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1393854	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1557210	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1651158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	36728	6.43	ng/uL	0.00
5) Phenol-d5	6.89	99	150035	7.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	465435	36.50	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	512622	30.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	304973	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	317789	40.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	321201	45.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	563504	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	4032	0.19	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1824228	35.83	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2218774	33.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	58514	7.00	ng/ul	0.00
58) Fluorene-d10	15.36	176	1614403	36.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	227572	39.77	ng/ul	0.00
71) Anthracene-d10	17.20	188	2387660	35.50	ng/ul	0.00
79) Pyrene-d10	19.50	212	2721089	36.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3091965	35.90	ng/ul	0.00

Target Compounds

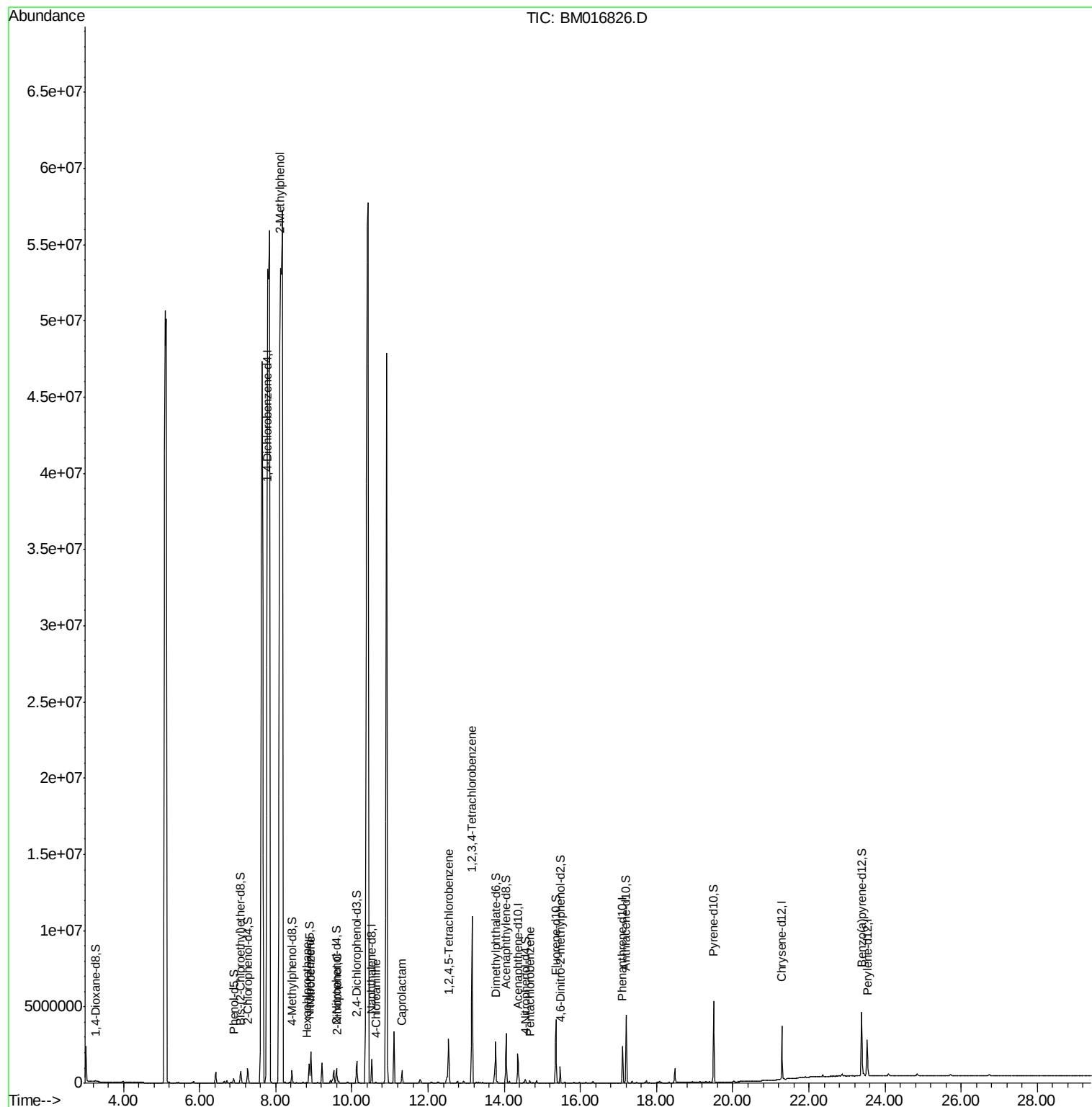
					Ovalue	
11) 2-Methylphenol	8.11	108	211793	13.748	ng/ul	95
17) Hexachloroethane	8.80	117	7470	1.127	ng/ul	87
20) Nitrobenzene	8.92	77	1082681	54.822	ng/ul#	89
23) 2-Nitrophenol	9.62	139	44518	5.433	ng/ul#	84
30) 4-Chloroaniline	10.62	127	24593	1.129	ng/ul	95
32) Caprolactam	11.32	113	61150	11.158	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	972428	44.653	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	3525563	152.825	ng/uL	98
74) Pentachlorobenzene	14.67	250	38510	1.851	ng/uL	93

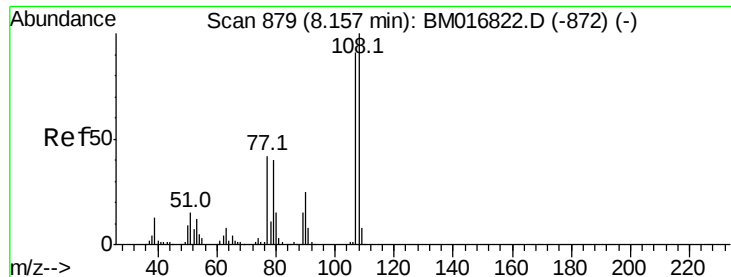
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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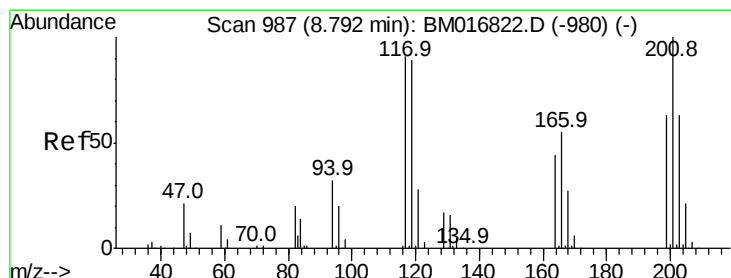
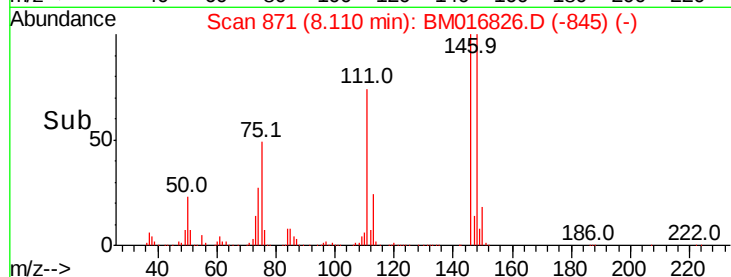
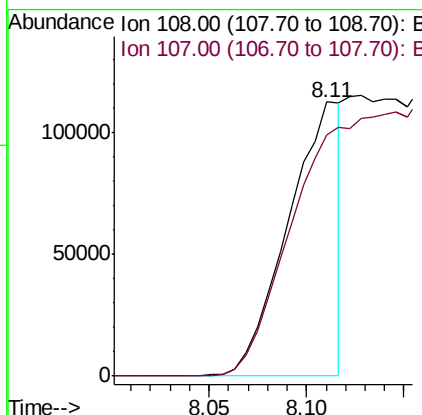
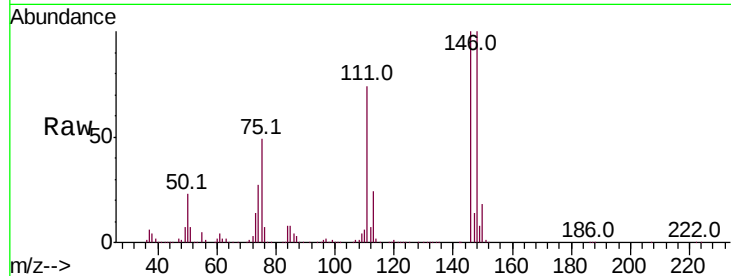




#11
2-Methylphenol
Concen: 13.748 ng/ul
RT: 8.11 min Scan# 871
Delta R.T. -0.05 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

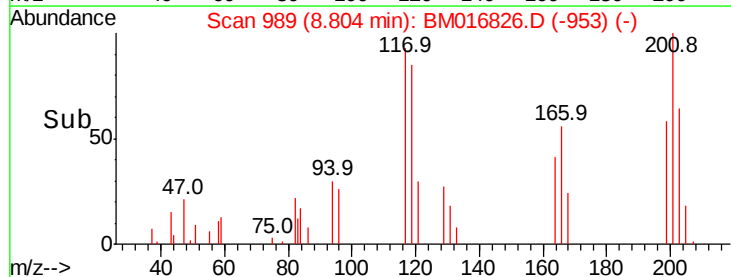
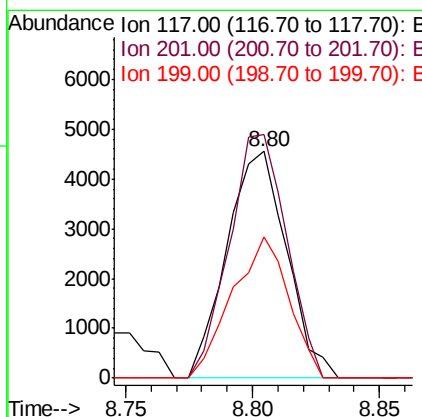
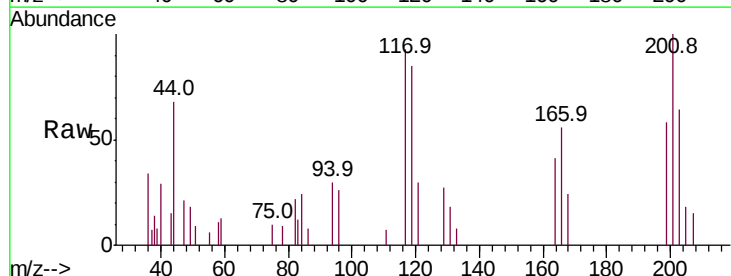
Instrument :
BNA_M
ClientSampleId :

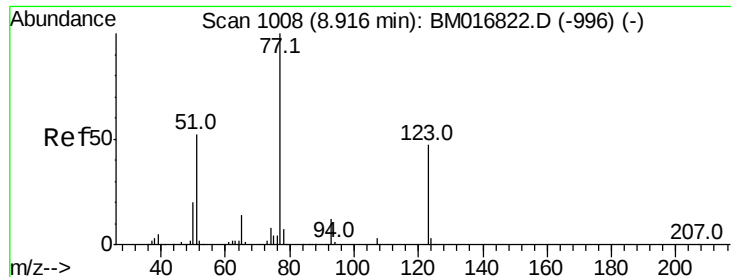
Tot Ion:108 Resp: 211793
Ion Ratio Lower Upper
108 100
107 88.2 74.1 111.1



#17
Hexachloroethane
Concen: 1.127 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. 0.01 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

Tgt Ion:117 Resp: 7470
Ion Ratio Lower Upper
117 100
201 107.4 96.1 144.1
199 62.1 59.7 89.5

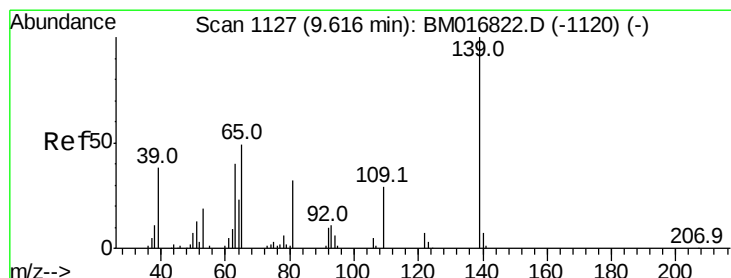
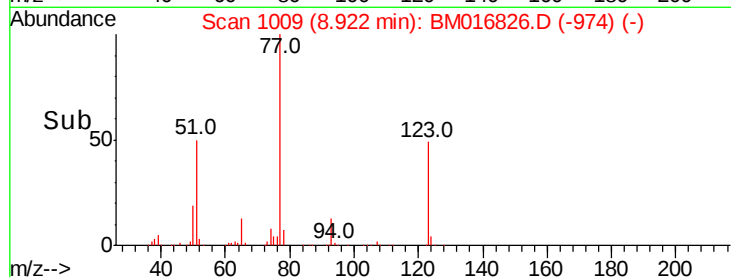
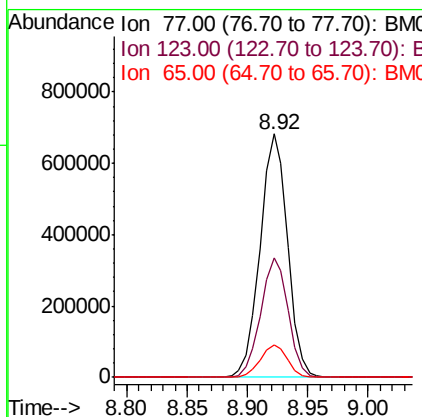
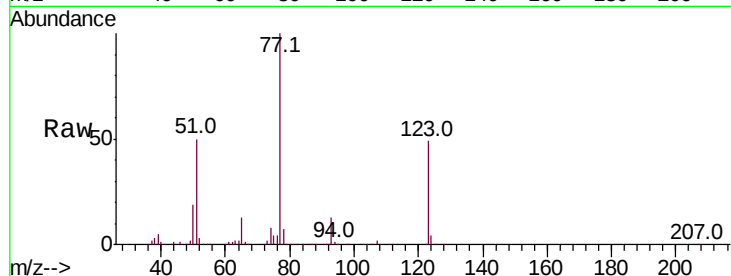




#20
Nitrobenzene
Concen: 54.822 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

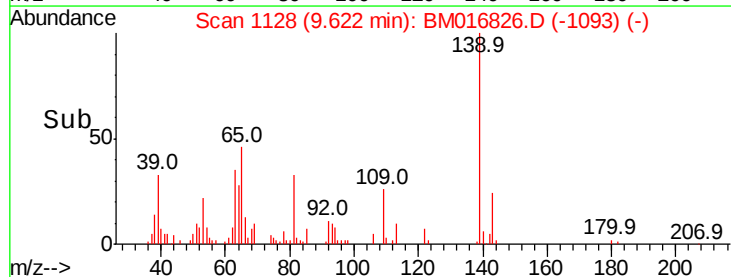
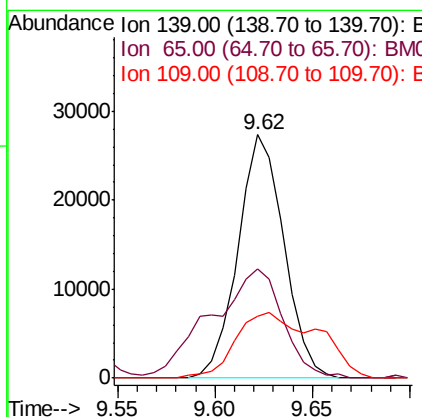
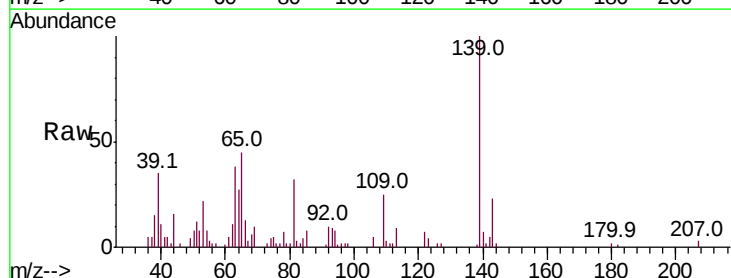
Instrument :
BNA_M
ClientSampled :

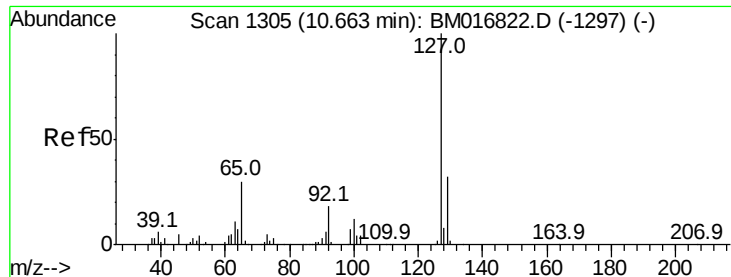
Tot Ion: 77 Resp: 1082681
Ion Ratio Lower Upper
77 100
123 48.9 31.8 47.8#
65 13.4 10.6 16.0



#23
2-Nitrophenol
Concen: 5.433 ng/ul
RT: 9.62 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

Tgt Ion: 139 Resp: 44518
Ion Ratio Lower Upper
139 100
65 44.7 45.3 67.9#
109 25.4 27.7 41.5#

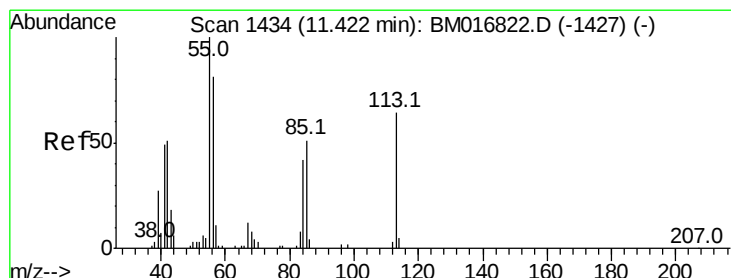
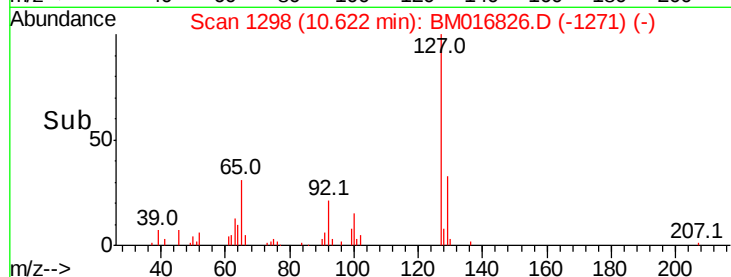
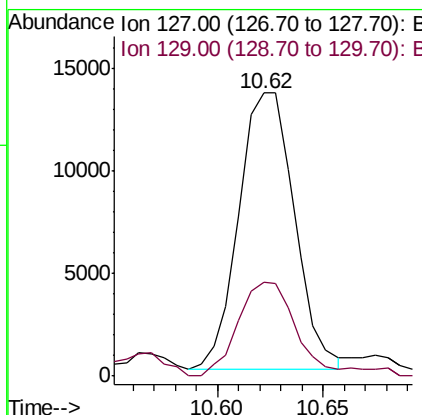
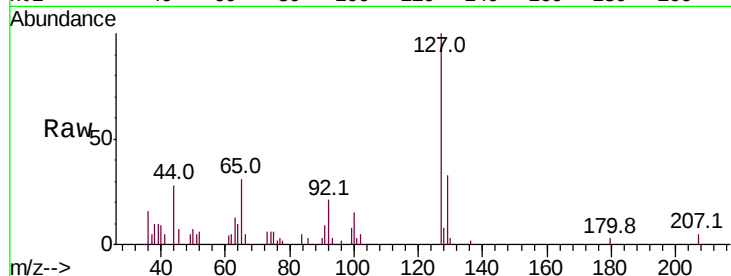




#30
4-Chloroaniline
Concen: 1.129 ng/ul
RT: 10.62 min Scan# 1298
Delta R.T. -0.04 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

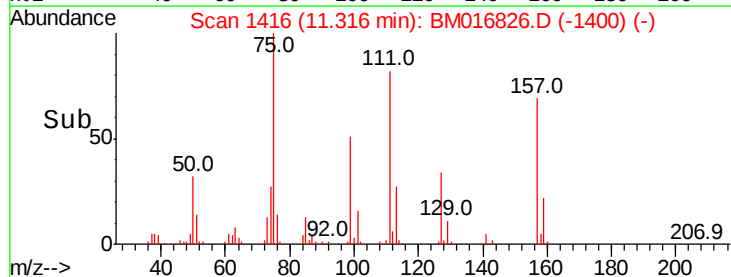
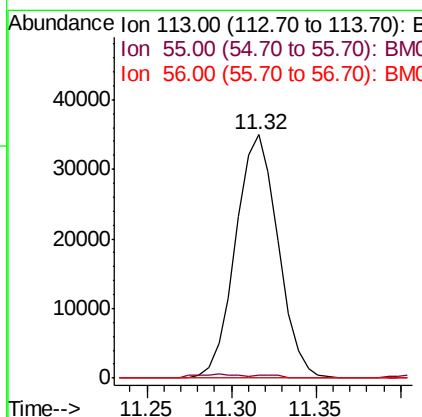
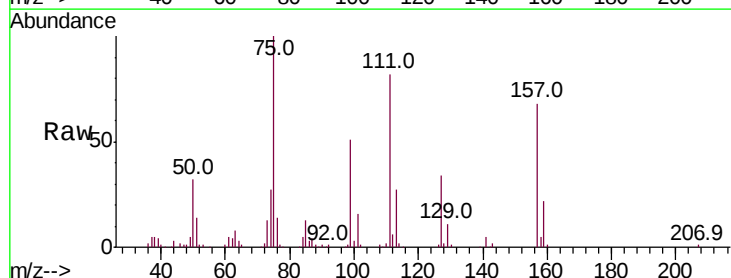
Instrument :
BNA_M
ClientSampleId :

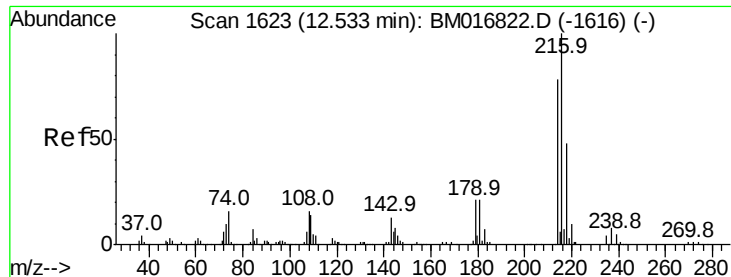
Tot Ion:127 Resp: 24593
Ion Ratio Lower Upper
127 100
129 33.4 24.6 37.0



#32
Caprolactam
Concen: 11.158 ng/ul
RT: 11.32 min Scan# 1416
Delta R.T. -0.11 min
Lab File: BM016826.D
Acq: 21 Sep 2018 11:30

Tgt Ion:113 Resp: 61150
Ion Ratio Lower Upper
113 100
55 1.4 131.7 197.5#
56 0.0 92.7 139.1#

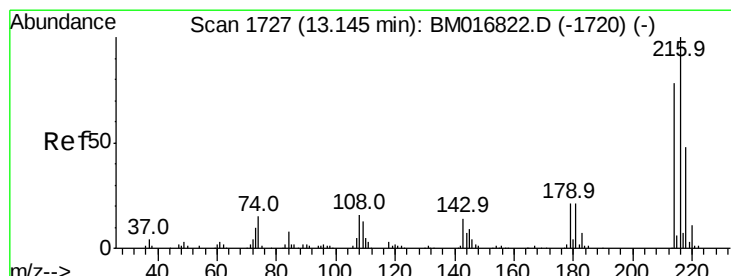
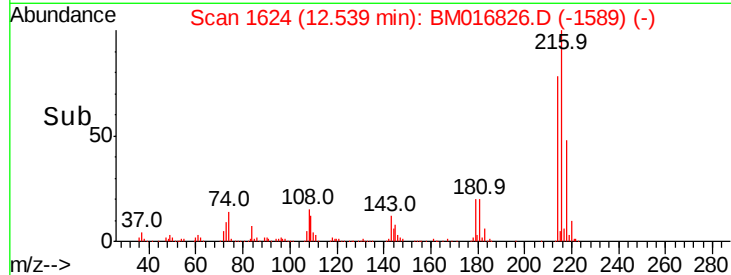
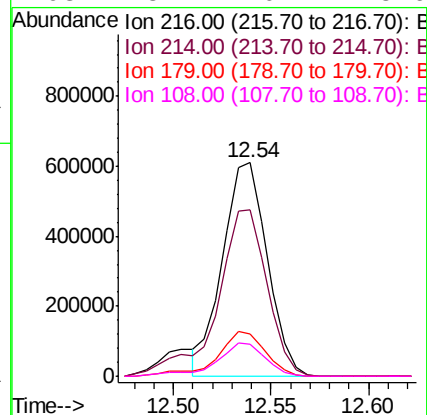
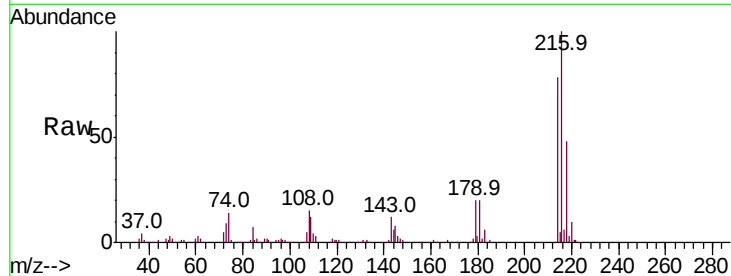




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.653 ng/uL
 RT: 12.54 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM016826.D
 Acq: 21 Sep 2018 11:30

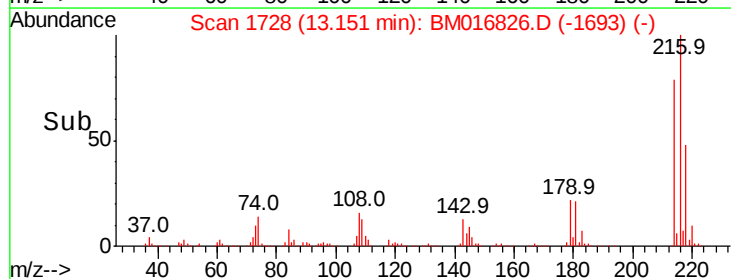
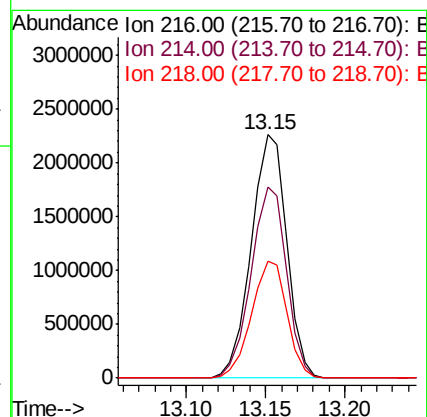
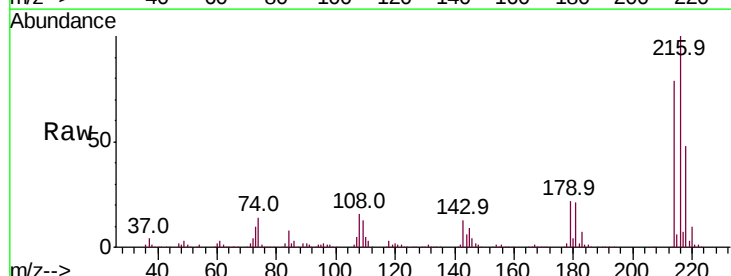
Instrument :
 BNA_M
 ClientSampleId :

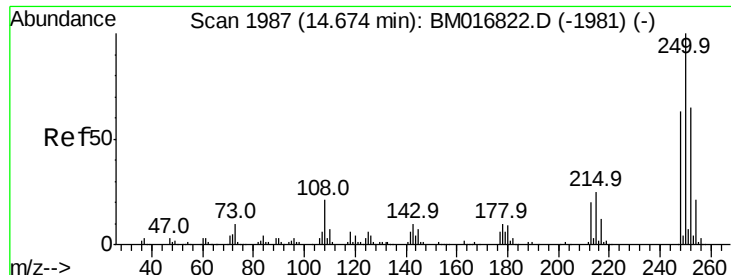
Tot Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.1	96.1
179	19.8	14.5	21.7
108	15.2	10.4	15.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 152.825 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BM016826.D
 Acq: 21 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.1	96.1
218	47.9	39.4	59.0





#74

Pentachlorobenzene

Concen: 1.851 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016826.D

Acq: 21 Sep 2018 11:30

Instrument :

BNA_M

ClientSampleId :

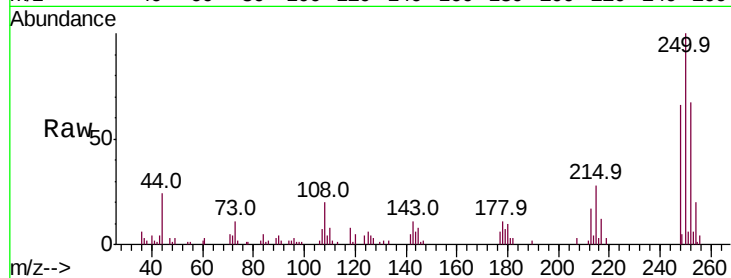
Tot Ion:250 Resp: 38510

Ion Ratio Lower Upper

250 100

248 70.7 51.4 77.2

252 67.5 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

