

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019375.D
 Acq On : 24 Mar 2019 05:00
 Operator : JU/SJ
 Sample : K2025-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0985

Quant Time: Mar 25 00:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 00:34:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	172387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	682257	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	384022	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	845068	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	926444	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1027258	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14808	3.36	ng/uL	0.00
5) Phenol-d5	6.79	99	74052	4.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	216454	21.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	219719	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	138284	12.00	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	130099	26.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	144698	26.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	240792	23.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	20570	1.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	796166	25.69	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	985008	25.42	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	18881	3.89	ng/ul	0.02
58) Fluorene-d10	15.26	176	677074	25.36	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	127798	22.87	ng/ul	0.00
71) Anthracene-d10	17.12	188	1113285	27.45	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1263346	29.52	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1474195	27.07	ng/ul	-0.02

Target Compounds

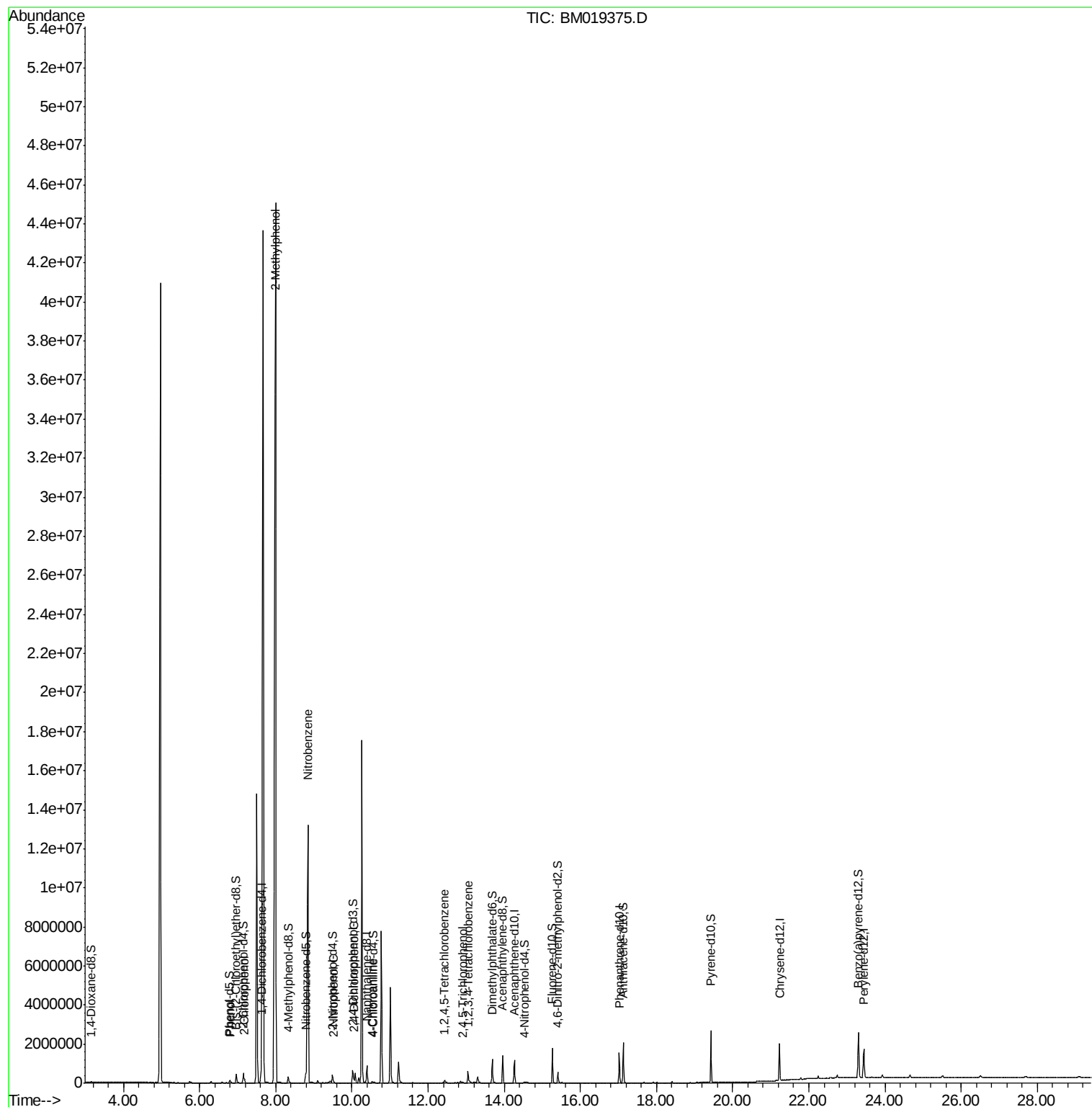
					Qvalue	
6) Phenol	6.82	94	19173	1.197	ng/ul	96
10) 2-Chlorophenol	7.18	128	74982	6.340	ng/ul	98
11) 2-Methylphenol	7.99	108	223093	19.969	ng/ul	94
20) Nitrobenzene	8.85	77	10170462	702.023	ng/ul	96
23) 2-Nitrophenol	9.53	139	8592	1.438	ng/ul#	88
27) 2,4-Dichlorophenol	10.05	162	65570	6.492	ng/ul	97
30) 4-Chloroaniline	10.53	127	33750	2.612	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	48434	3.964	ng/ul#	96
40) 2,4,5-Trichlorophenol	12.91	196	10899	1.333	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	173187	14.135	ng/uL	98

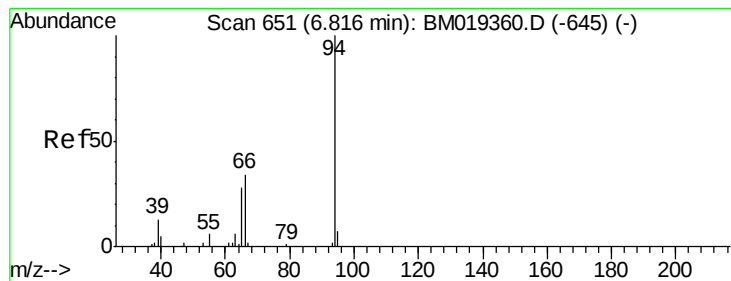
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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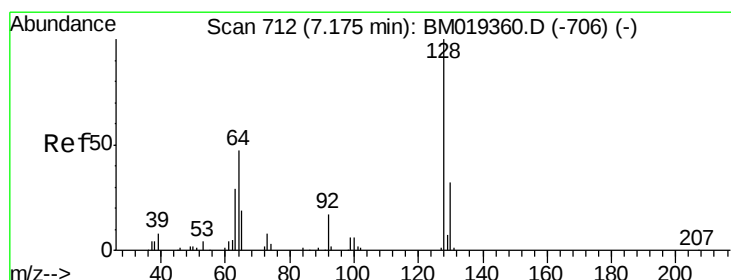
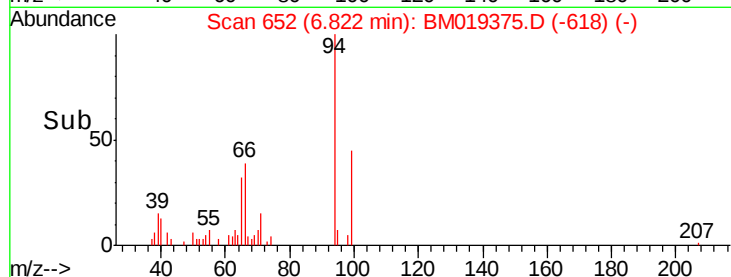
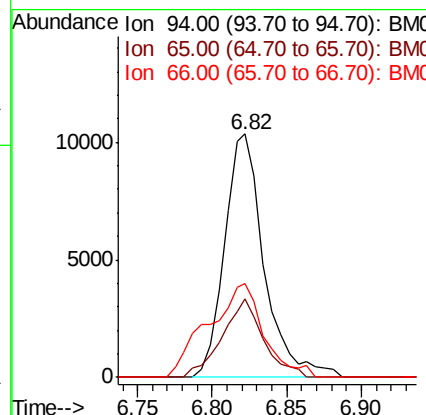
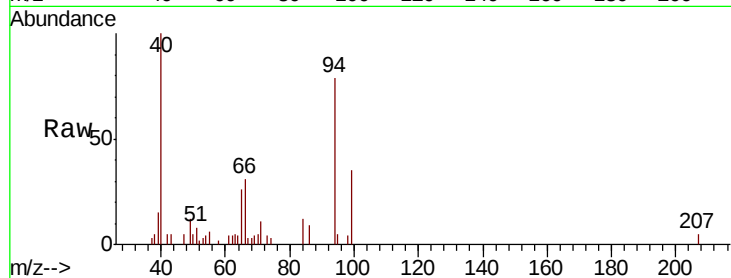
#6

Phenol

Concen: 1.197 ng/ul
 RT: 6.82 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BM019375.D
 Acq: 24 Mar 2019 05:00

Instrument :
 BNA_M
 ClientSampled :
 C0985

Tgt Ion: 94 Resp: 19173
 Ion Ratio Lower Upper
 94 100
 65 32.4 23.0 34.6
 66 38.8 30.4 45.6

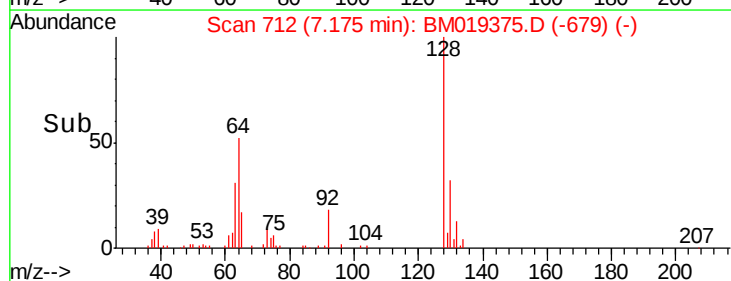
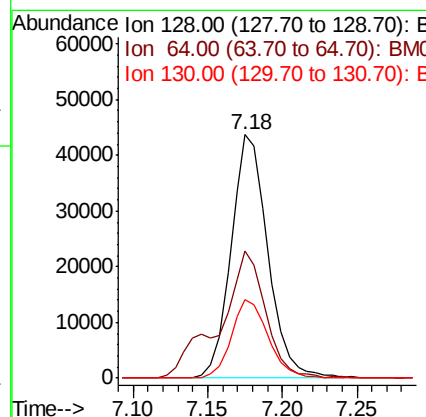
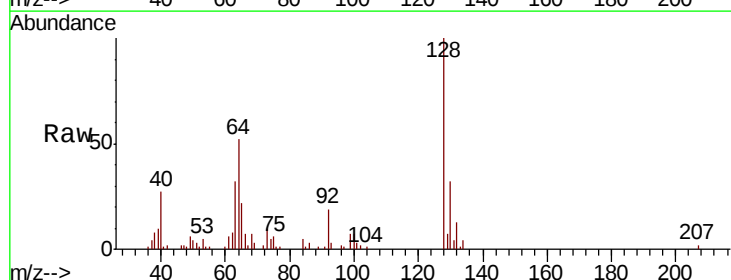


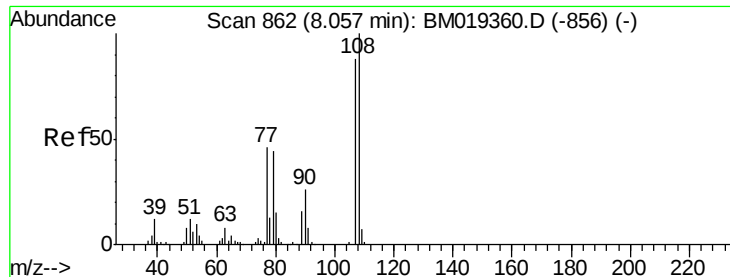
#10

2-Chlorophenol

Concen: 6.340 ng/ul
 RT: 7.18 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BM019375.D
 Acq: 24 Mar 2019 05:00

Tgt Ion: 128 Resp: 74982
 Ion Ratio Lower Upper
 128 100
 64 52.2 39.8 59.6
 130 32.3 25.8 38.8

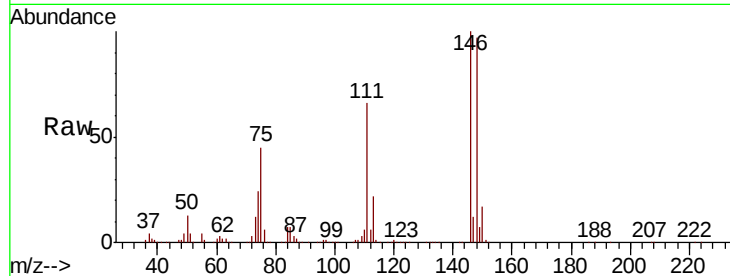




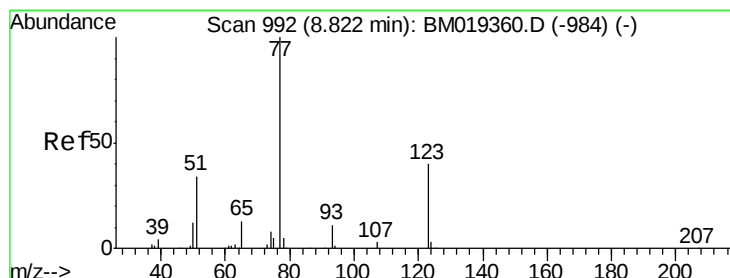
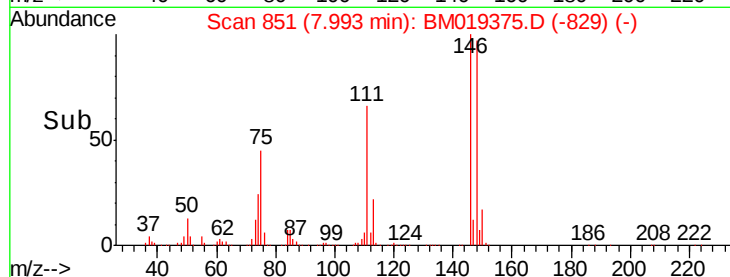
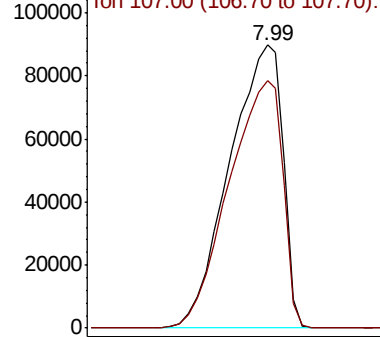
#11
2-Methylphenol
Concen: 19.969 ng/ul
RT: 7.99 min Scan# 851
Delta R.T. -0.07 min
Lab File: BM019375.D
Acq: 24 Mar 2019 05:00

Instrument :
BNA_M
ClientSampleId :
C0985

Tgt Ion:108 Resp: 223093
Ion Ratio Lower Upper
108 100
107 87.3 74.1 111.1

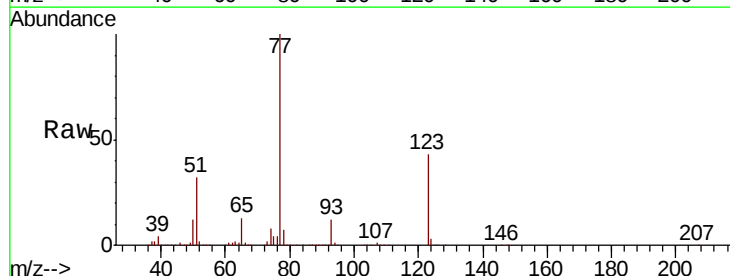


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

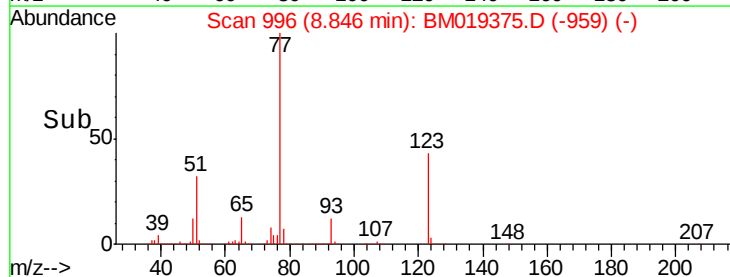
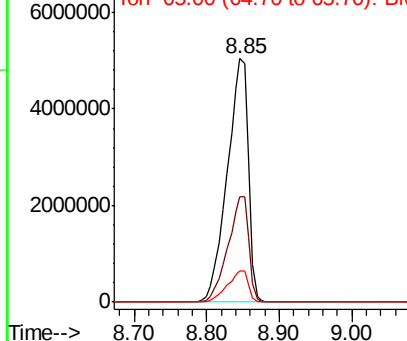


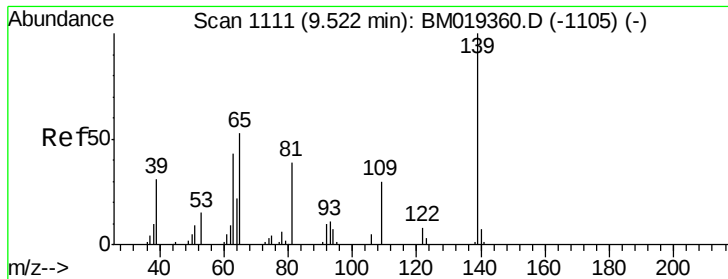
#20
Nitrobenzene
Concen: 702.023 ng/ul
RT: 8.85 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM019375.D
Acq: 24 Mar 2019 05:00

Tgt Ion: 77 Resp:10170462
Ion Ratio Lower Upper
77 100
123 43.2 31.8 47.8
65 13.0 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

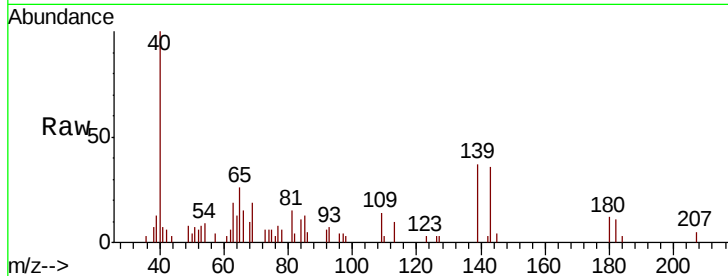




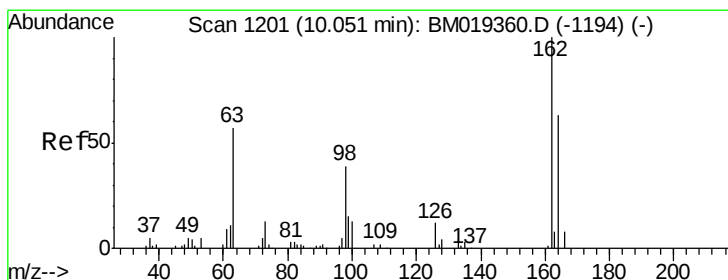
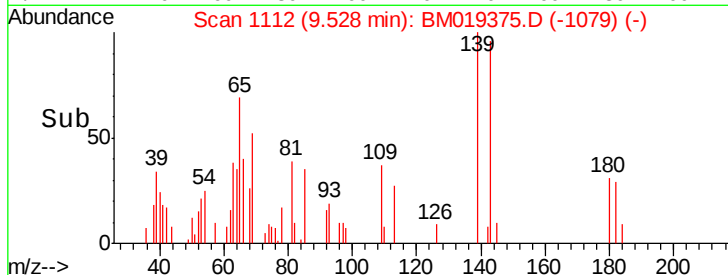
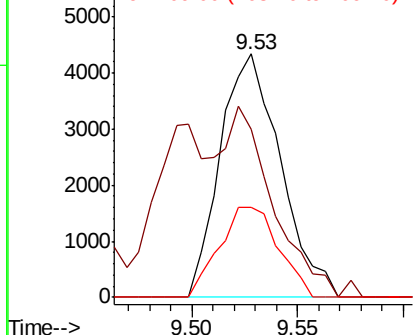
#23
 2-Nitrophenol
 Concen: 1.438 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BM019375.D
 Acq: 24 Mar 2019 05:00

Instrument :
 BNA_M
 ClientSampleId :
 C0985

Tgt Ion:139 Resp: 8592
 Ion Ratio Lower Upper
 139 100
 65 69.0 45.3 67.9#
 109 37.1 27.7 41.5

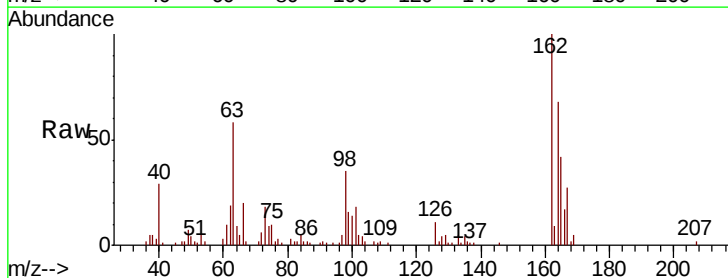


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 109.00 (108.70 to 109.70): E

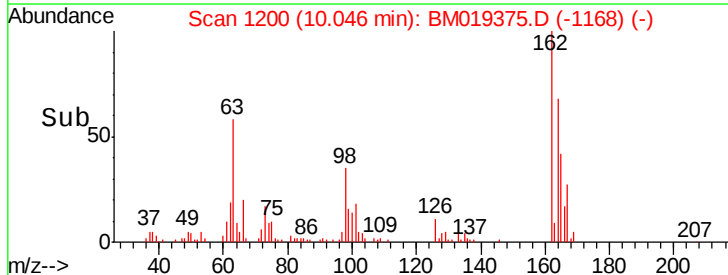
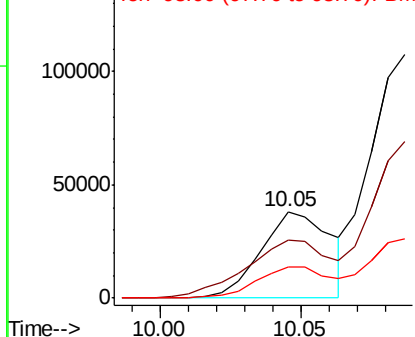


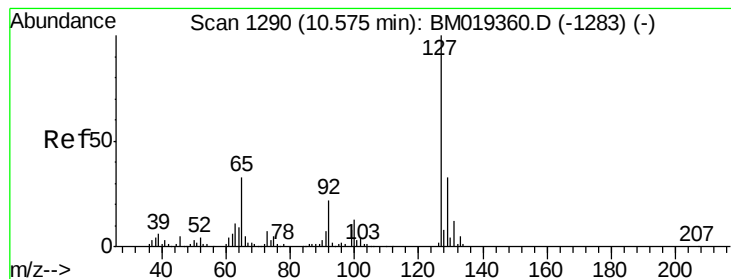
#27
 2,4-Dichlorophenol
 Concen: 6.492 ng/ul
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM019375.D
 Acq: 24 Mar 2019 05:00

Tgt Ion:162 Resp: 65570
 Ion Ratio Lower Upper
 162 100
 164 67.6 52.0 78.0
 98 35.3 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM





#30

4-Chloroaniline

Concen: 2.612 ng/ul

RT: 10.53 min Scan# 1282

Delta R.T. -0.05 min

Lab File: BM019375.D

Acq: 24 Mar 2019 05:00

Instrument :

BNA_M

ClientSampleId :

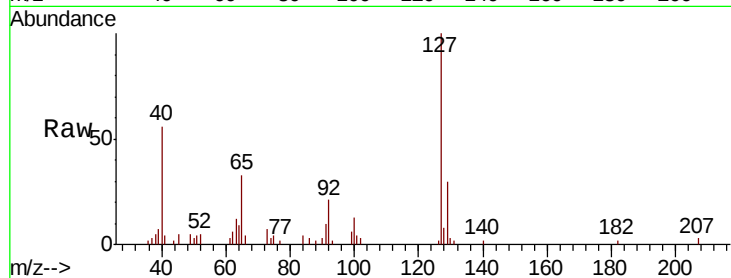
C0985

Tgt Ion:127 Resp: 33750

Ion Ratio Lower Upper

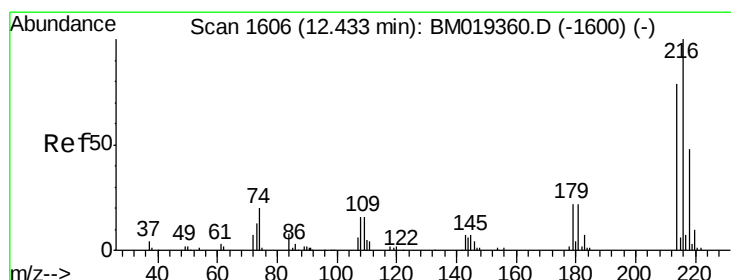
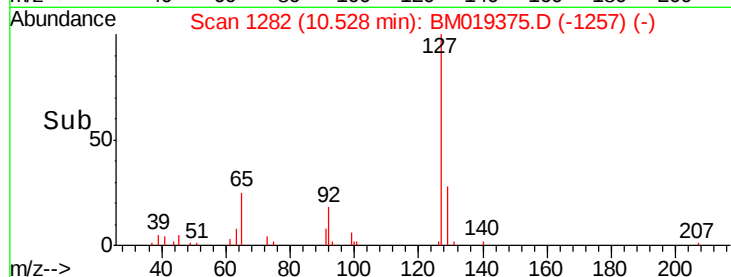
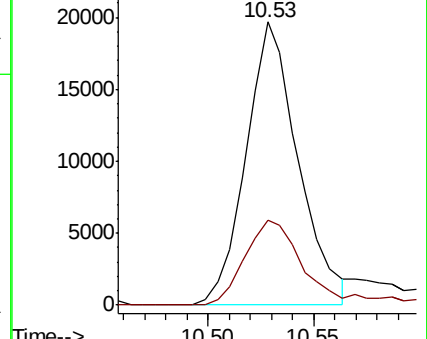
127 100

129 30.0 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.964 ng/ul

RT: 12.44 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM019375.D

Acq: 24 Mar 2019 05:00

Tgt Ion:216 Resp: 48434

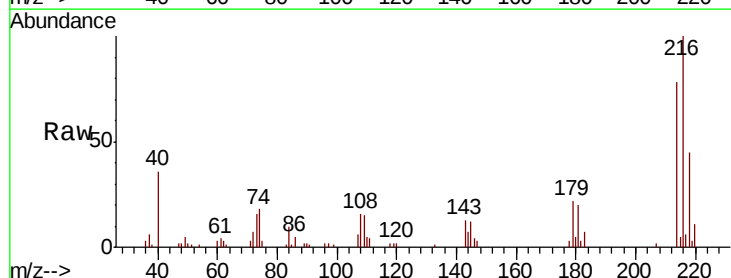
Ion Ratio Lower Upper

216 100

214 78.0 64.1 96.1

179 22.2 14.5 21.7#

108 16.4 10.4 15.6#

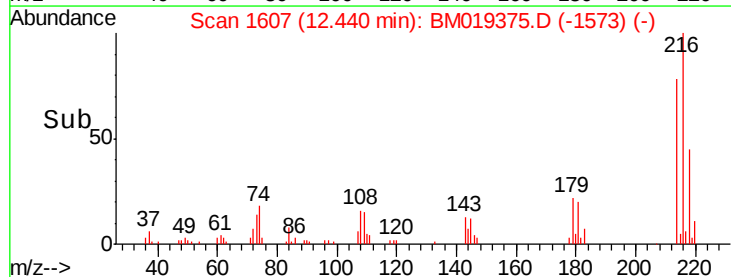
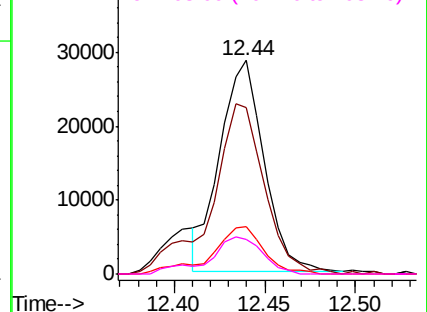


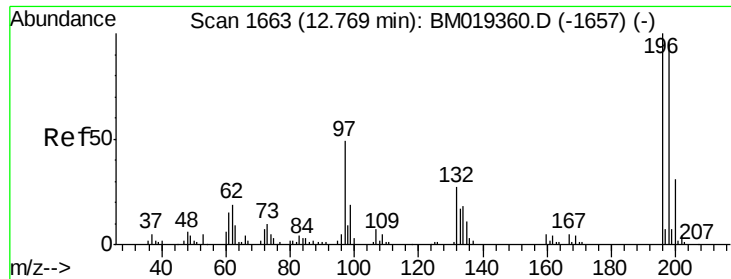
Abundance Ion 216.00 (215.70 to 216.70): E

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





#40

2,4,5-Trichlorophenol

Concen: 1.333 ng/uL

RT: 12.91 min Scan# 1687

Delta R.T. 0.14 min

Lab File: BM019375.D

Acq: 24 Mar 2019 05:00

Instrument :

BNA_M

ClientSampled :

C0985

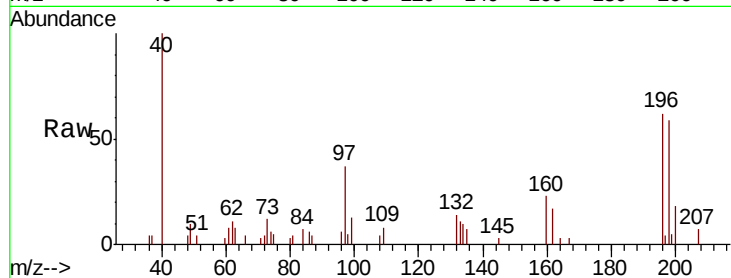
Tgt Ion:196 Resp: 10899

Ion Ratio Lower Upper

196 100

198 95.2 74.7 112.1

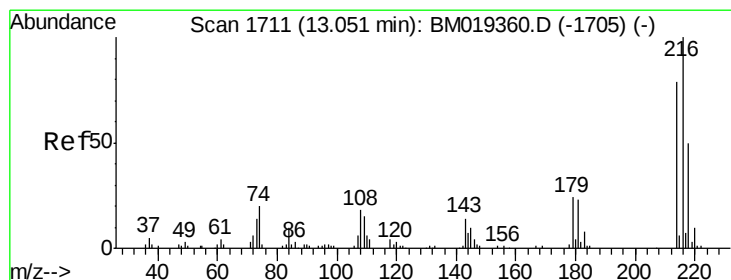
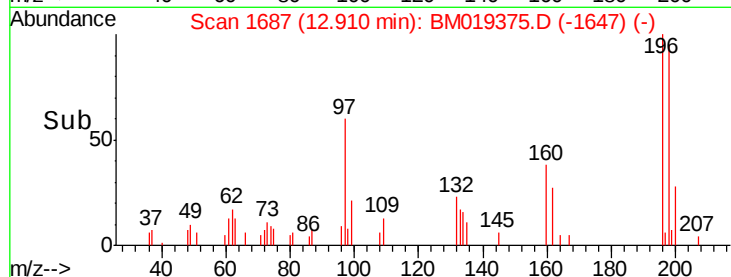
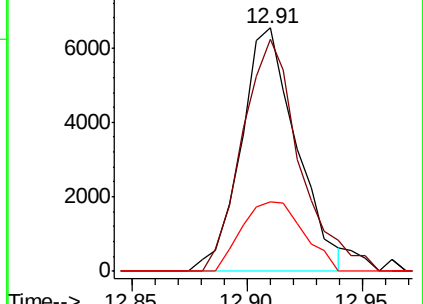
200 28.4 25.4 38.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 14.135 ng/uL

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BM019375.D

Acq: 24 Mar 2019 05:00

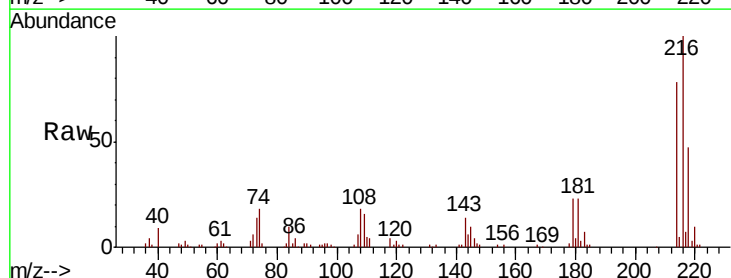
Tgt Ion:216 Resp: 173187

Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

218 47.5 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

