

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019374.D
 Acq On : 24 Mar 2019 04:24
 Operator : JU/SJ
 Sample : K2025-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0966

Quant Time: Mar 25 00:39:24 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	178973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	697064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	381488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	847246	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	924960	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1051854	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14416	3.15	ng/uL	0.00
5) Phenol-d5	6.79	99	71867	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	220533	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	224257	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	131810	11.02	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	134035	26.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	146987	26.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	242602	23.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	265	0.02	ng/ul	0.02
44) Dimethylphthalate-d6	13.69	166	840951	27.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1020521	26.51	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	16954	3.51	ng/ul	0.02
58) Fluorene-d10	15.27	176	722034	27.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	130466	23.29	ng/ul	0.00
71) Anthracene-d10	17.12	188	1120464	27.56	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1274312	29.83	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1445960	25.93	ng/ul	-0.02

Target Compounds

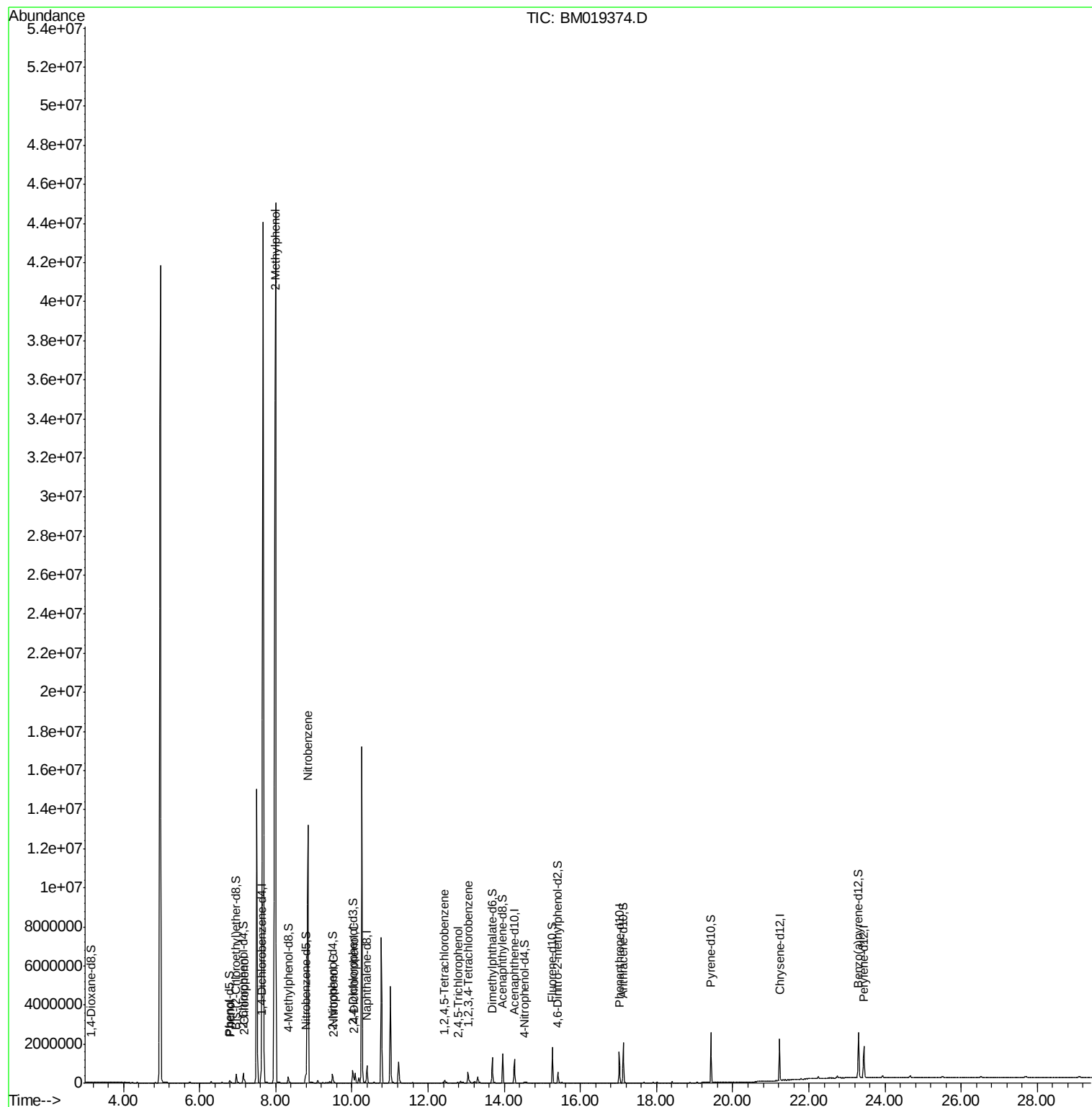
					Qvalue
6) Phenol	6.82	94	19232	1.156	ng/ul 95
10) 2-Chlorophenol	7.18	128	75335	6.135	ng/ul 99
11) 2-Methylphenol	7.99	108	225575	19.448	ng/ul 95
20) Nitrobenzene	8.85	77	10035589	677.999	ng/ul 96
23) 2-Nitrophenol	9.53	139	8329	1.364	ng/ul 98
27) 2,4-Dichlorophenol	10.05	162	61272	5.938	ng/ul 95
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	51032	4.204	ng/ul# 95
40) 2,4,5-Trichlorophenol	12.78	196	8759	1.078	ng/ul 91
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	170120	13.849	ng/uL 99

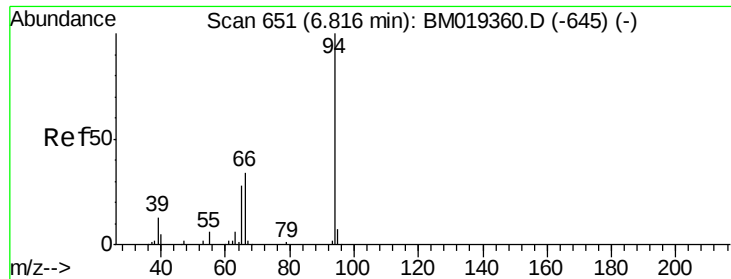
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.156 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM019374.D

Acq: 24 Mar 2019 04:24

Instrument :

BNA_M

ClientSampleId :

C0966

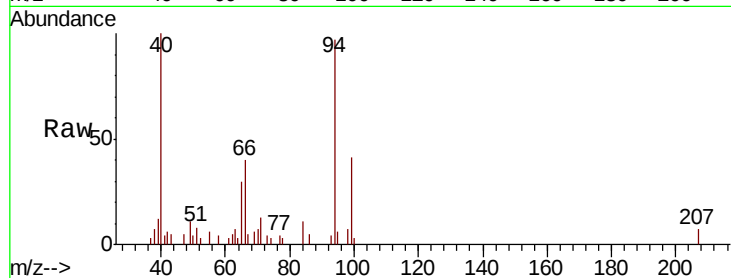
Tgt Ion: 94 Resp: 19232

Ion Ratio Lower Upper

94 100

65 31.2 23.0 34.6

66 41.4 30.4 45.6

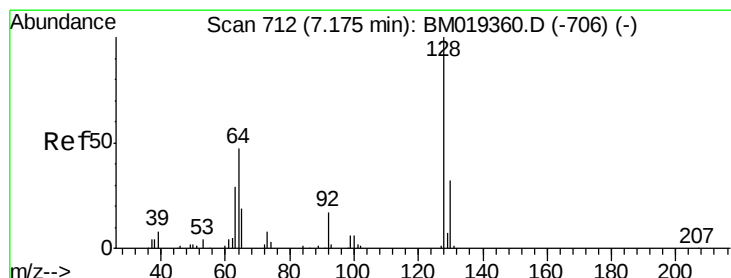
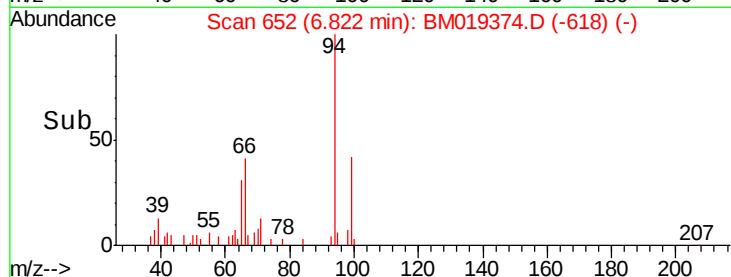
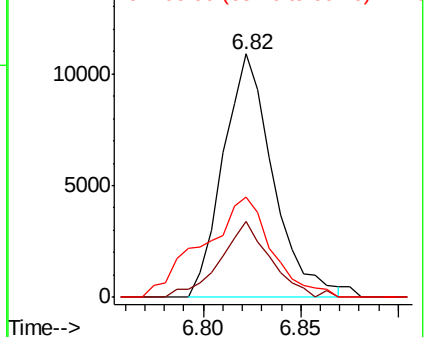


Abundance

Ion 94.00 (93.70 to 94.70): BM019360.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM019360.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM019360.D (-645) (-)



#10

2-Chlorophenol

Concen: 6.135 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM019374.D

Acq: 24 Mar 2019 04:24

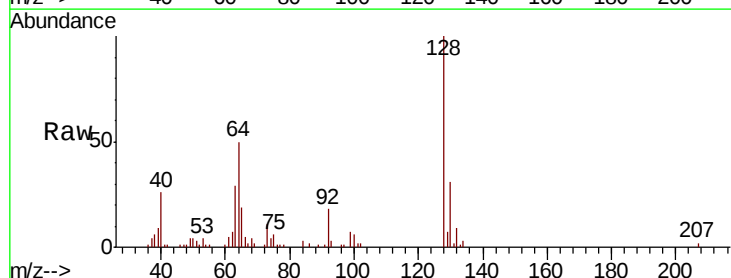
Tgt Ion: 128 Resp: 75335

Ion Ratio Lower Upper

128 100

64 50.4 39.8 59.6

130 31.4 25.8 38.8

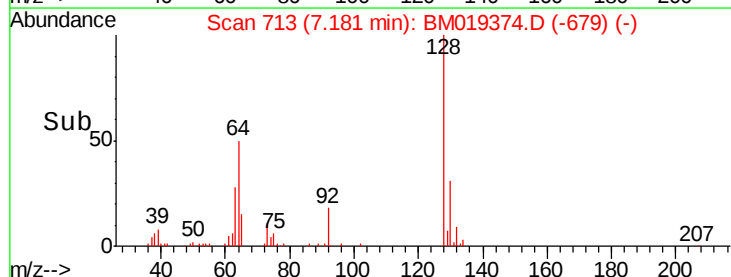
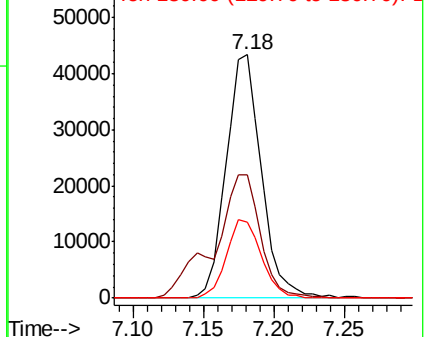


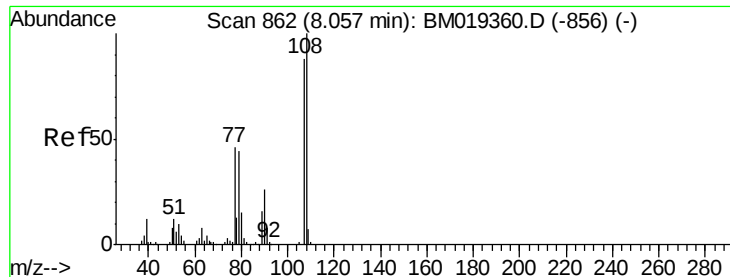
Abundance

Ion 128.00 (127.70 to 128.70): BM019360.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM019360.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM019360.D (-706) (-)

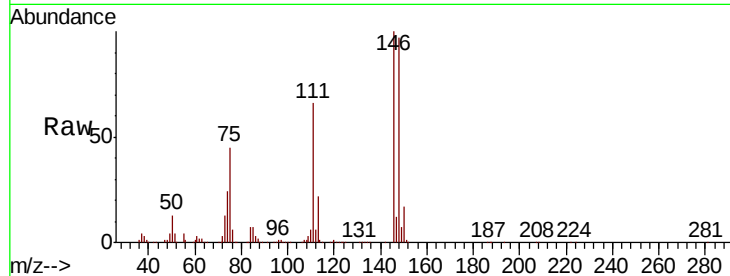




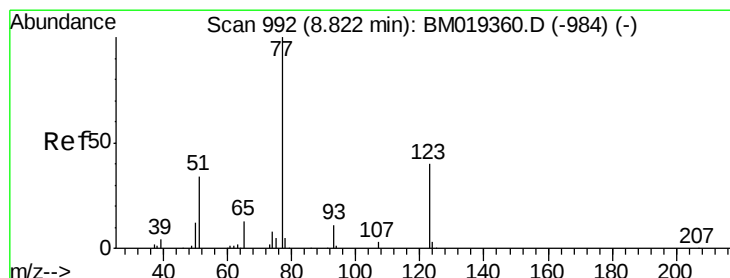
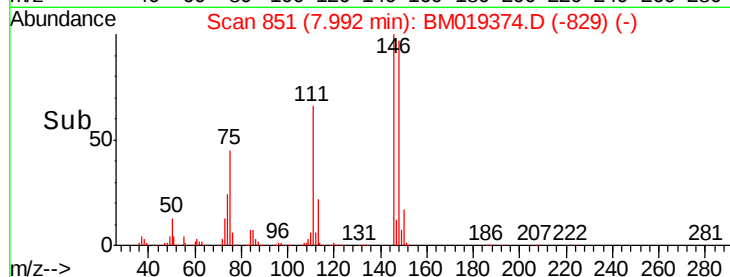
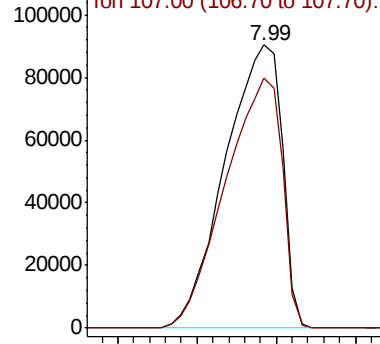
#11
2-Methylphenol
Concen: 19.448 ng/ul
RT: 7.99 min Scan# 851
Delta R.T. -0.07 min
Lab File: BM019374.D
Acq: 24 Mar 2019 04:24

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Tgt Ion:108 Resp: 225575
Ion Ratio Lower Upper
108 100
107 88.1 74.1 111.1

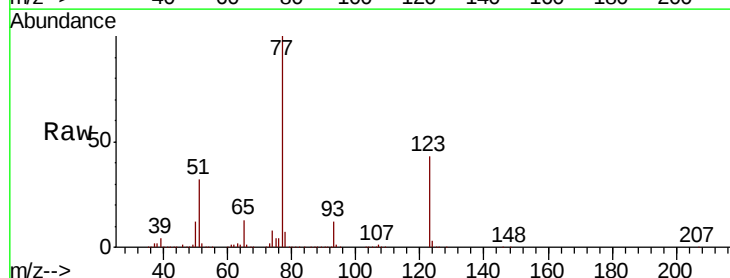


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

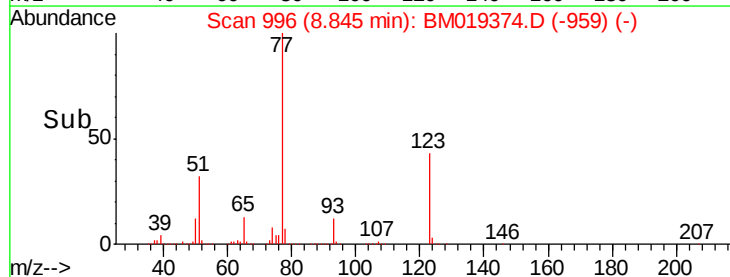
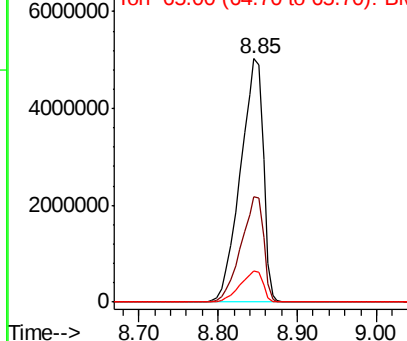


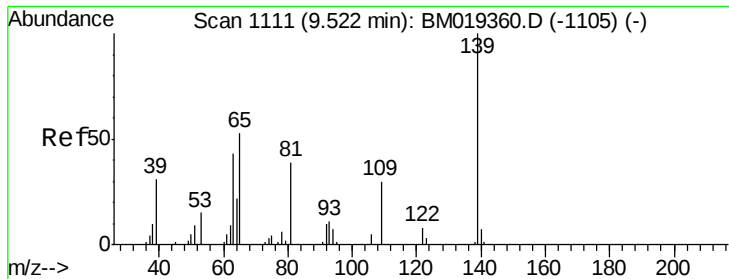
#20
Nitrobenzene
Concen: 677.999 ng/ul
RT: 8.85 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM019374.D
Acq: 24 Mar 2019 04:24

Tgt Ion: 77 Resp:10035589
Ion Ratio Lower Upper
77 100
123 43.1 31.8 47.8
65 12.9 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

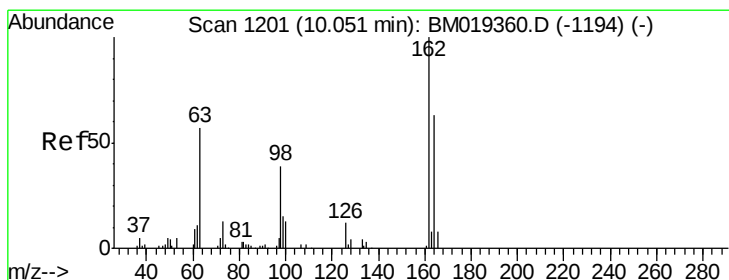
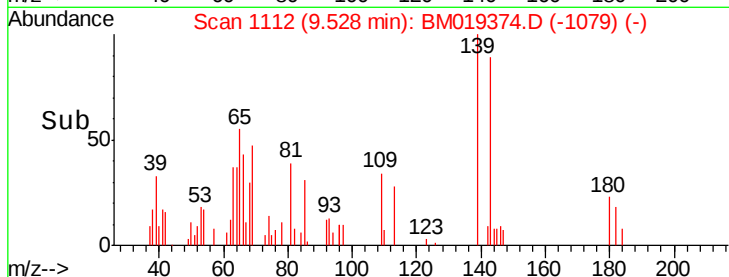
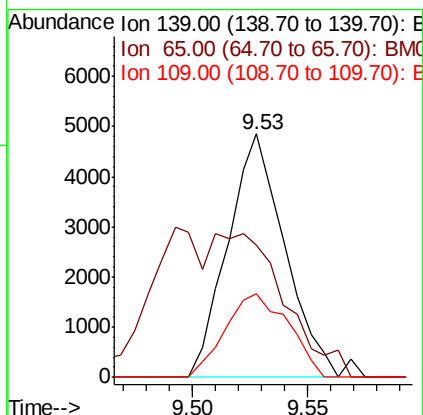
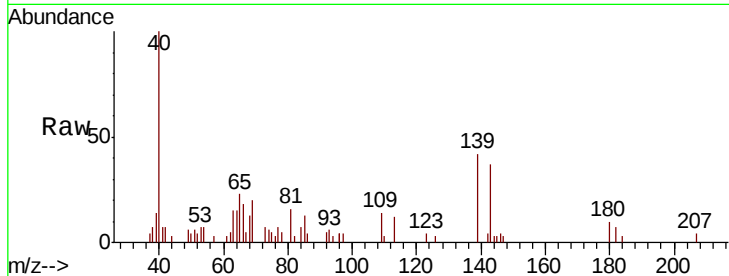




#23
 2-Nitrophenol
 Concen: 1.364 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BM019374.D
 Acq: 24 Mar 2019 04:24

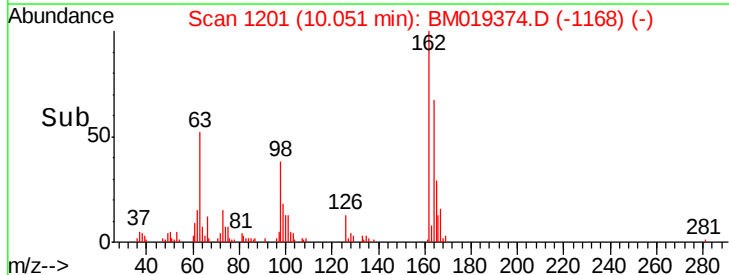
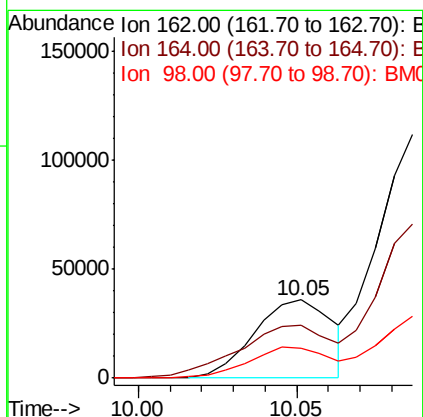
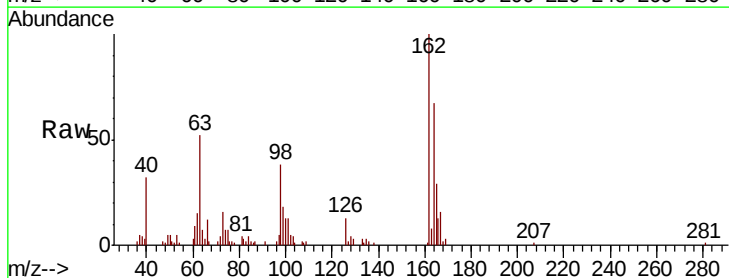
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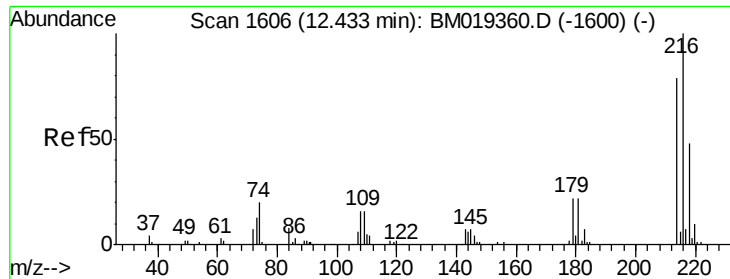
Tgt Ion:139 Resp: 8329
 Ion Ratio Lower Upper
 139 100
 65 54.5 45.3 67.9
 109 34.3 27.7 41.5



#27
 2,4-Dichlorophenol
 Concen: 5.938 ng/ul
 RT: 10.05 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM019374.D
 Acq: 24 Mar 2019 04:24

Tgt Ion:162 Resp: 61272
 Ion Ratio Lower Upper
 162 100
 164 67.1 52.0 78.0
 98 37.8 26.6 39.8

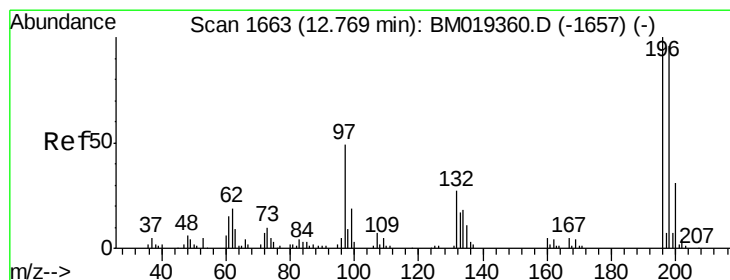
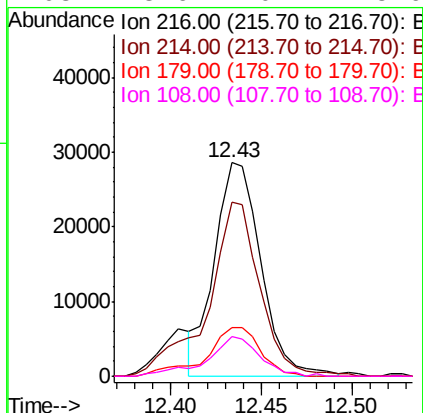
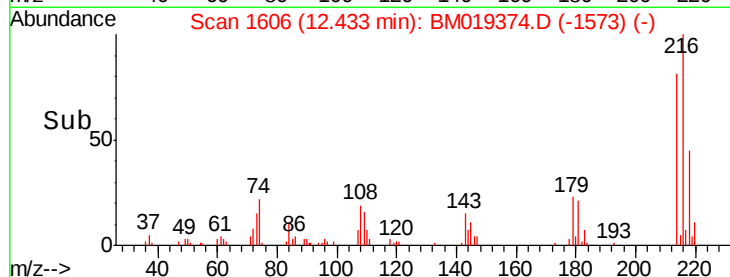
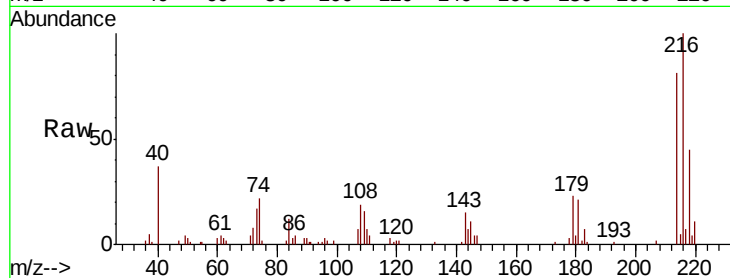




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.204 ng/ul
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BM019374.D
 Acq: 24 Mar 2019 04:24

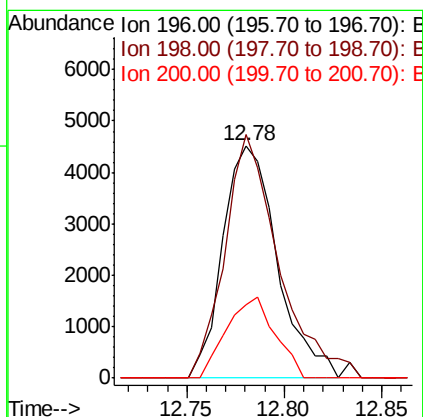
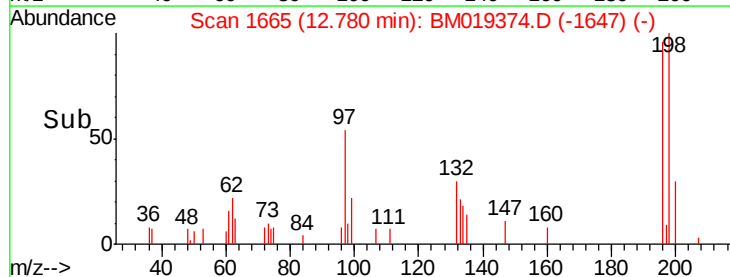
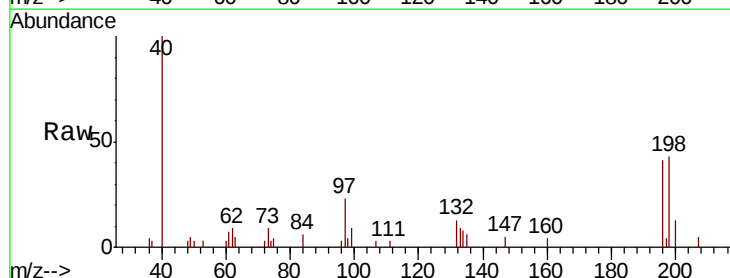
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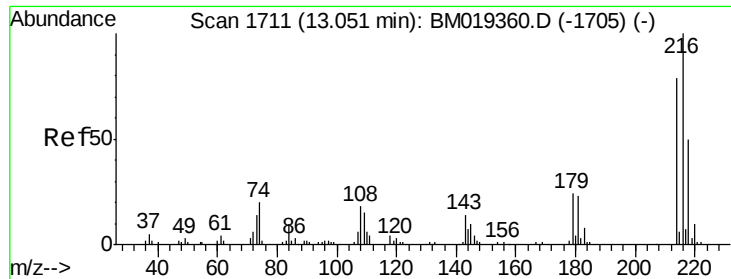
Tgt Ion:216 Resp: 51032
 Ion Ratio Lower Upper
 216 100
 214 81.5 64.1 96.1
 179 22.9 14.5 21.7#
 108 18.6 10.4 15.6#



#40
 2,4,5-Trichlorophenol
 Concen: 1.078 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BM019374.D
 Acq: 24 Mar 2019 04:24

Tgt Ion:196 Resp: 8759
 Ion Ratio Lower Upper
 196 100
 198 104.7 74.7 112.1
 200 31.8 25.4 38.0





#73

1,2,3,4-Tetrachlorobenzene

Concen: 13.849 ng/uL

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BM019374.D

Acq: 24 Mar 2019 04:24

Instrument :

BNA_M

ClientSampleId :

C0966

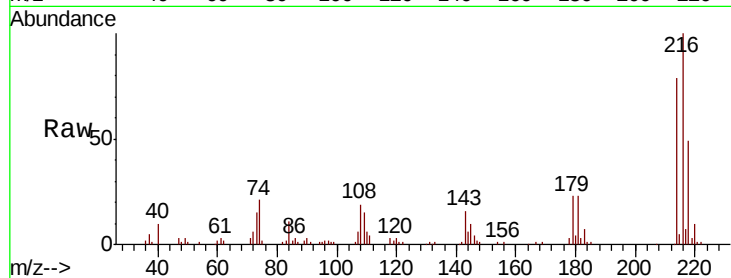
Tgt Ion: 216 Resp: 170120

Ion Ratio Lower Upper

216 100

214 79.3 64.1 96.1

218 48.9 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

