

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019372.D
 Acq On : 24 Mar 2019 03:11
 Operator : JU/SJ
 Sample : K2025-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0967

Quant Time: Mar 25 00:39:12 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	184267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	730483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	406695	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	906205	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	1014839	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1132732	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16348	3.47	ng/uL	0.00
5) Phenol-d5	6.79	99	83323	5.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	241251	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	242582	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	150174	12.19	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	140682	27.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	156236	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	263850	24.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	6142	0.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	926059	28.22	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1111571	27.09	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.54	143	17365	3.38	ng/ul	0.03
58) Fluorene-d10	15.27	176	783664	27.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	142362	23.76	ng/ul	0.00
71) Anthracene-d10	17.12	188	1244958	28.63	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1386640	29.58	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1604951	26.73	ng/ul	-0.02

Target Compounds

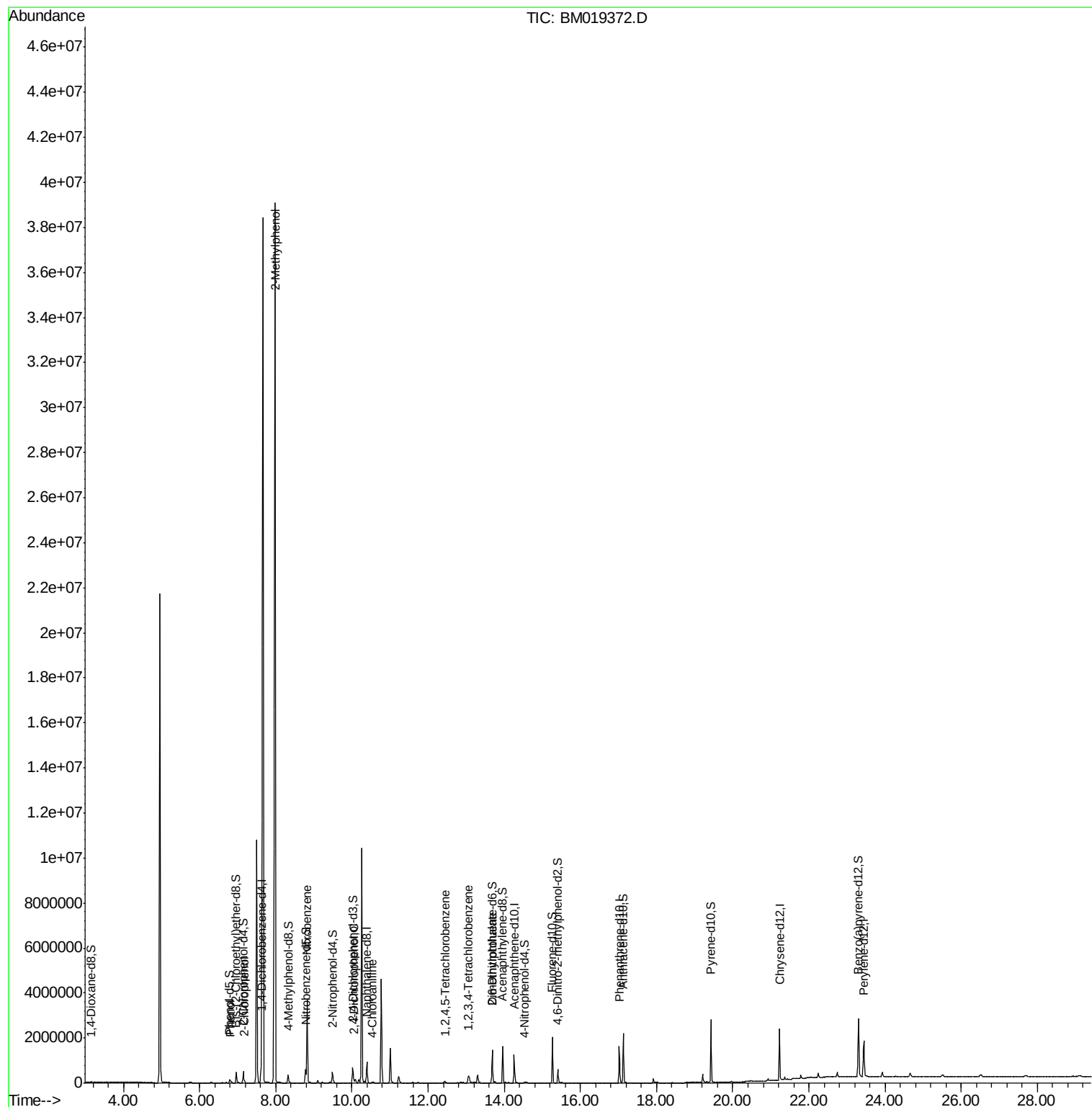
						Qvalue
6) Phenol	6.82	94	27402	1.600	ng/ul	97
10) 2-Chlorophenol	7.17	128	41933	3.317	ng/ul	98
11) 2-Methylphenol	7.98	108	154575	12.944	ng/ul	97
20) Nitrobenzene	8.83	77	2354634	151.800	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	27061	2.502	ng/ul	94
30) 4-Chloroaniline	10.53	127	15104	1.092	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	31442	2.430	ng/ul#	91
46) 2,6-Dinitrotoluene	13.69	165	6290	1.041	ng/ul#	40
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	84880	6.460	ng/uL	98

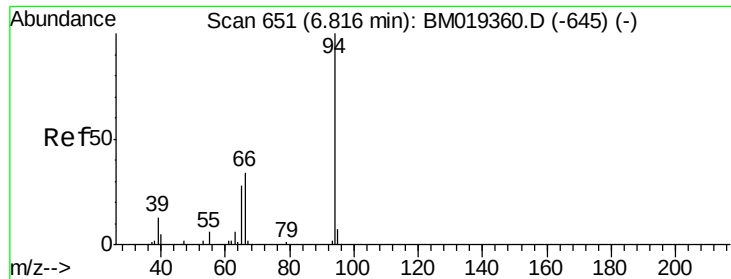
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.600 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM019372.D

Acq: 24 Mar 2019 03:11

Instrument :

BNA_M

ClientSampleId :

C0967

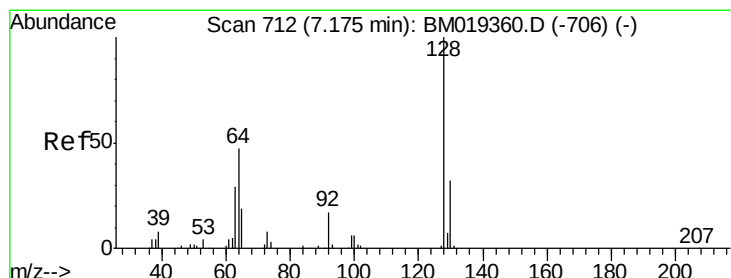
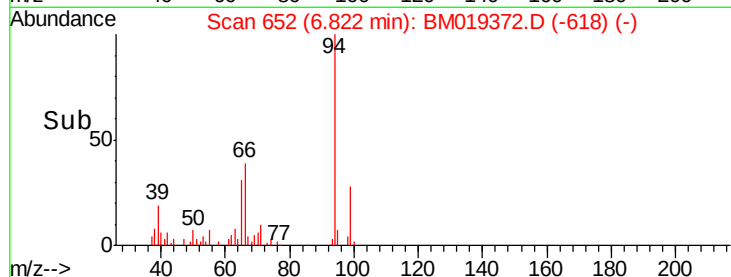
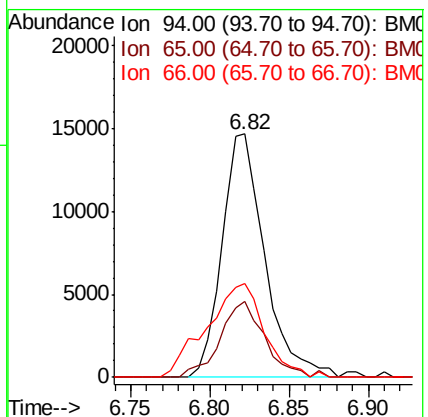
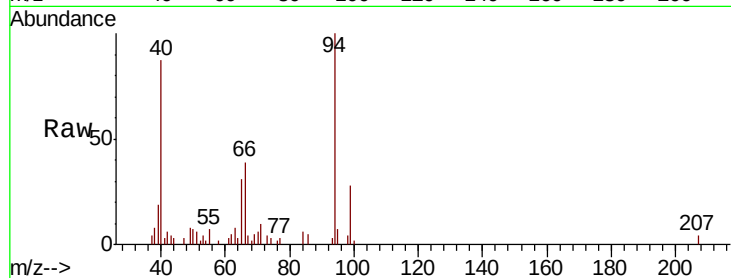
Tgt Ion: 94 Resp: 27402

Ion Ratio Lower Upper

94 100

65 31.2 23.0 34.6

66 38.8 30.4 45.6



#10

2-Chlorophenol

Concen: 3.317 ng/ul

RT: 7.17 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM019372.D

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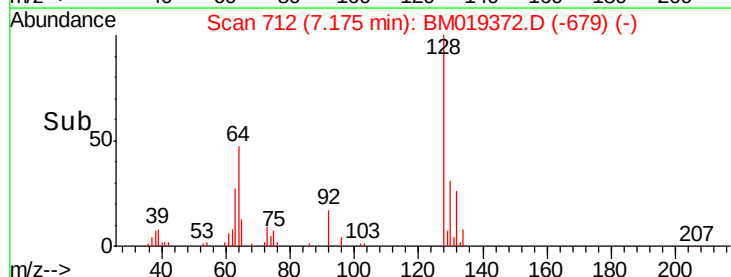
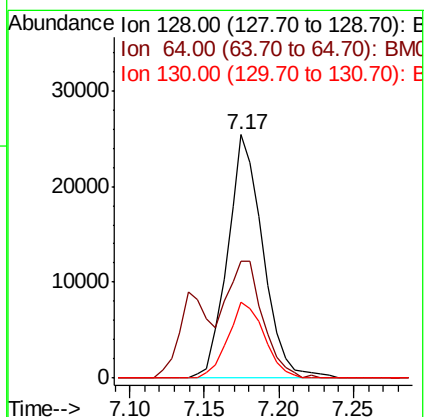
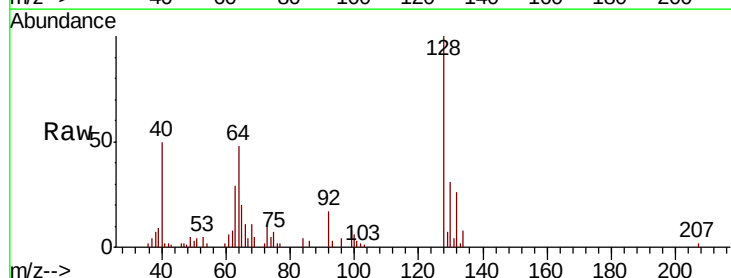
Tgt Ion: 128 Resp: 41933

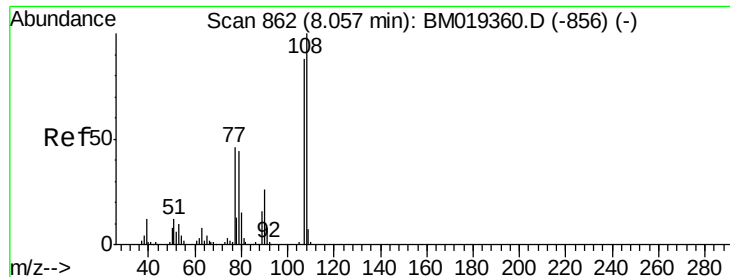
Ion Ratio Lower Upper

128 100

64 48.2 39.8 59.6

130 31.2 25.8 38.8

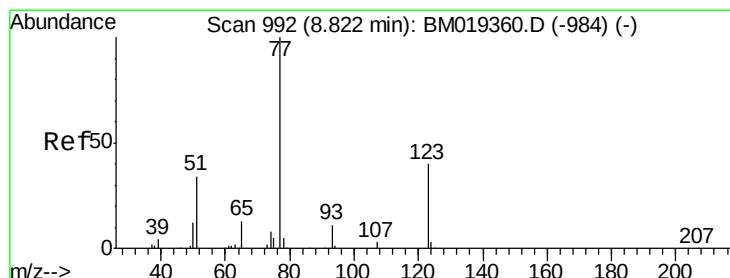
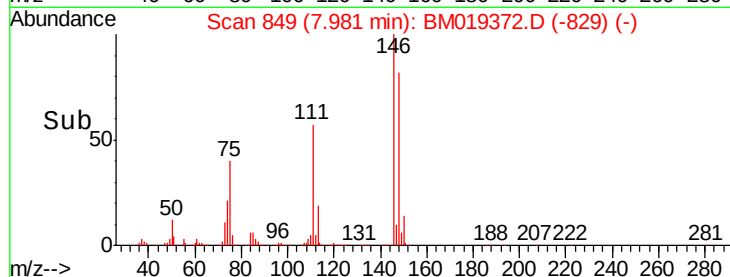
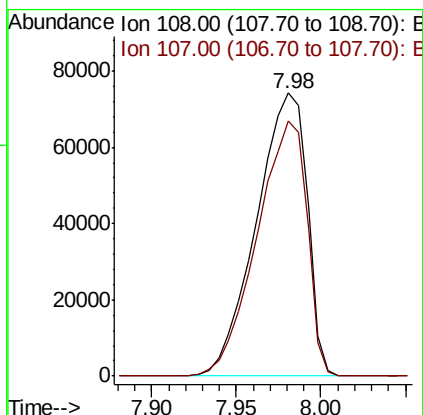
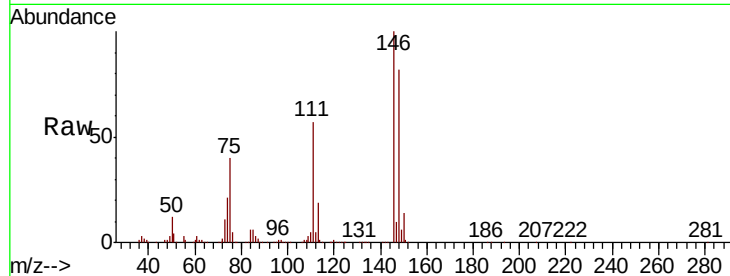




#11
2-Methylphenol
Concen: 12.944 ng/ul
RT: 7.98 min Scan# 849
Delta R.T. -0.08 min
Lab File: BM019372.D
Acq: 24 Mar 2019 03:11

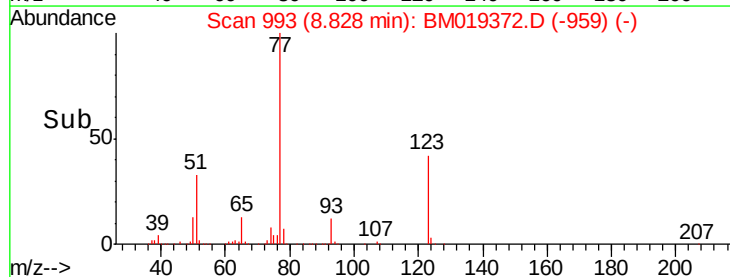
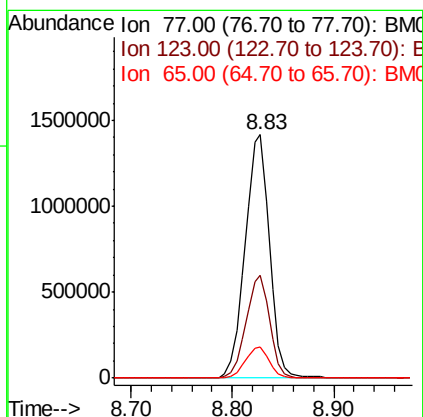
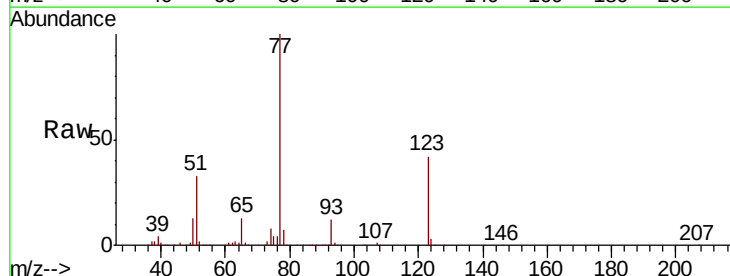
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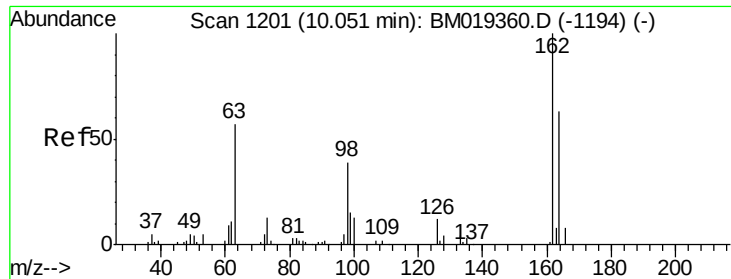
Tgt Ion: 108 Resp: 154575
Ion Ratio Lower Upper
108 100
107 90.0 74.1 111.1



#20
Nitrobenzene
Concen: 151.800 ng/ul
RT: 8.83 min Scan# 993
Delta R.T. -0.00 min
Lab File: BM019372.D
Acq: 24 Mar 2019 03:11

Tgt Ion: 77 Resp: 2354634
Ion Ratio Lower Upper
77 100
123 42.0 31.8 47.8
65 12.8 10.6 16.0

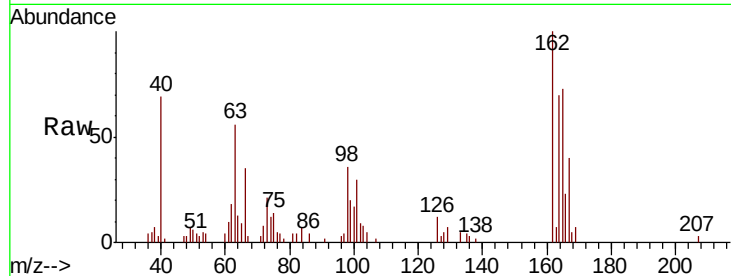




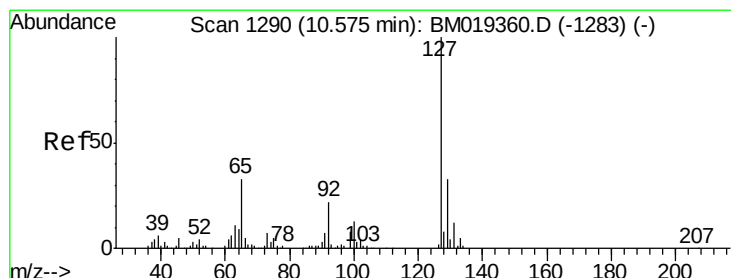
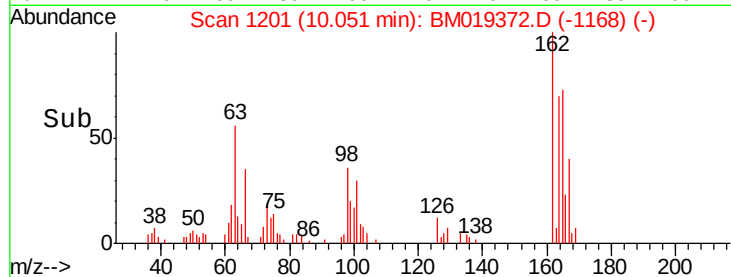
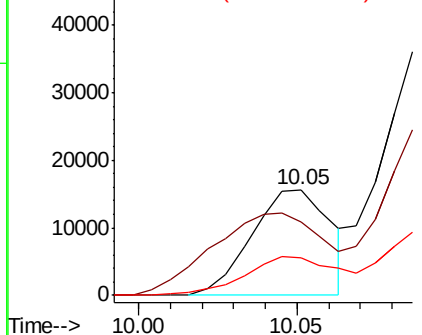
#27
 2,4-Dichlorophenol
 Concen: 2.502 ng/ul
 RT: 10.05 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM019372.D
 Acq: 24 Mar 2019 03:11

Instrument :
 BNA_M
 ClientSampleId :
 C0967

Tgt Ion:162 Resp: 27061
 Ion Ratio Lower Upper
 162 100
 164 69.9 52.0 78.0
 98 35.8 26.6 39.8

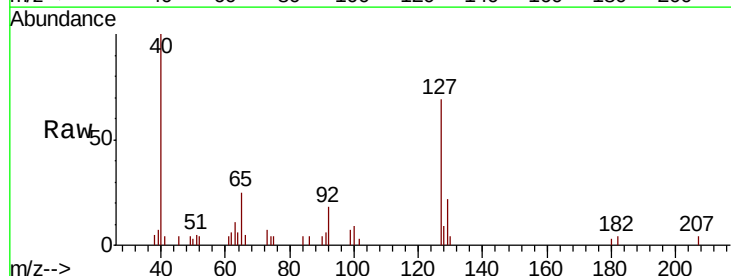


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

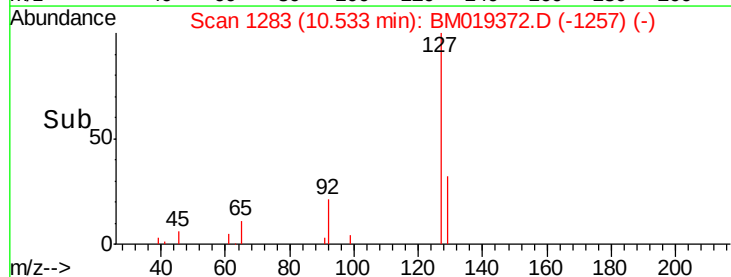
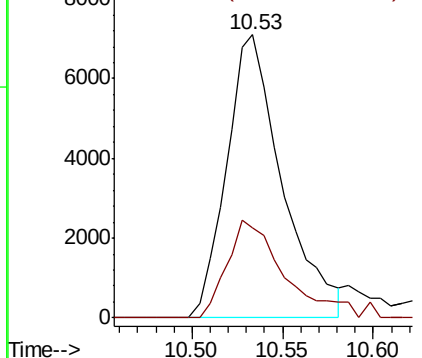


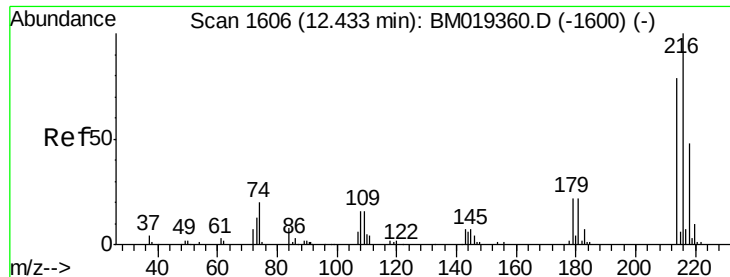
#30
 4-Chloroaniline
 Concen: 1.092 ng/ul
 RT: 10.53 min Scan# 1283
 Delta R.T. -0.05 min
 Lab File: BM019372.D
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Tgt Ion:127 Resp: 15104
 Ion Ratio Lower Upper
 127 100
 129 31.7 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E

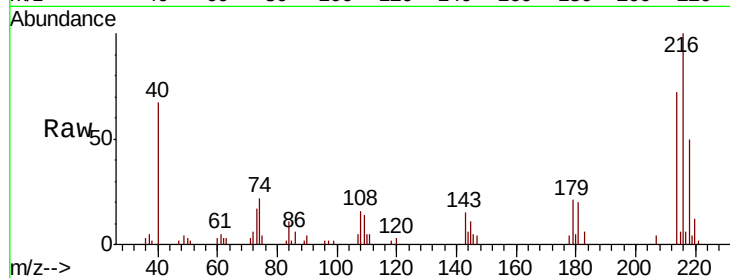




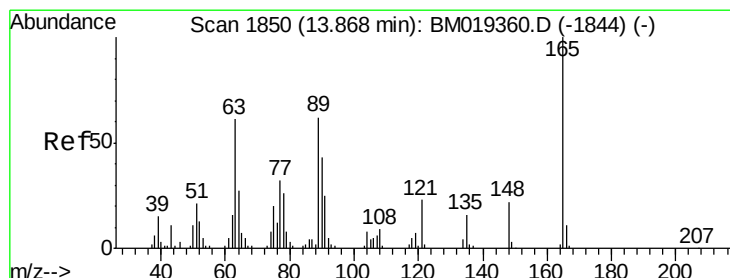
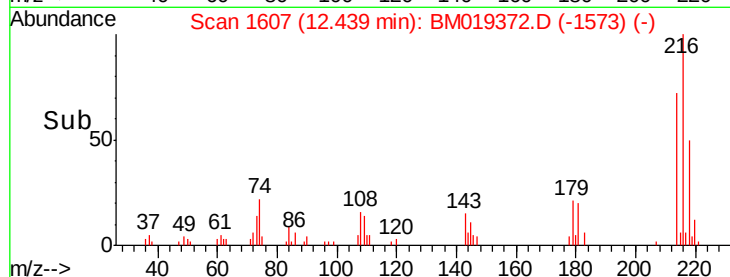
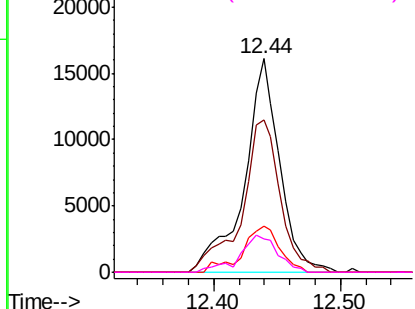
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.430 ng/ul
 RT: 12.44 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BM019372.D
 Acq: 24 Mar 2019 03:11

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Tgt Ion:216 Resp: 31442
 Ion Ratio Lower Upper
 216 100
 214 71.5 64.1 96.1
 179 21.5 14.5 21.7
 108 15.8 10.4 15.6#

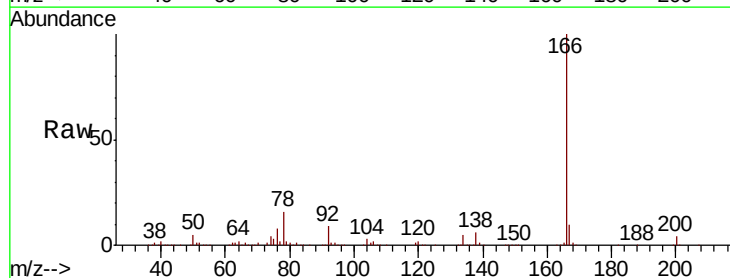


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

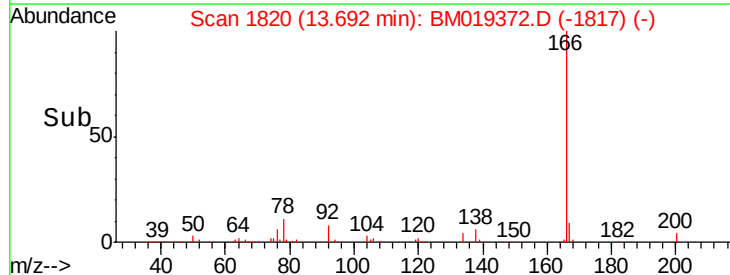
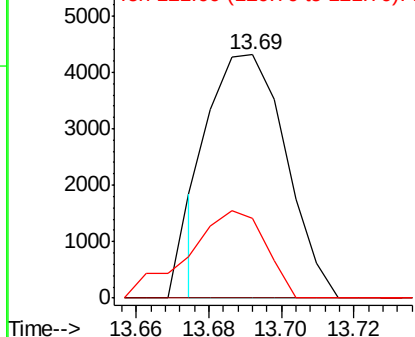


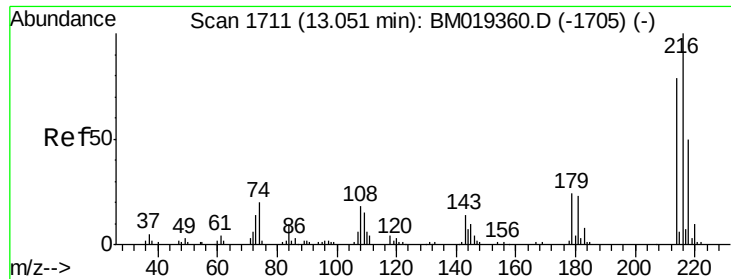
#46
 2,6-Dinitrotoluene
 Concen: 1.041 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.18 min
 Lab File: BM019372.D
 Acq: 24 Mar 2019 03:11

Tgt Ion:165 Resp: 6290
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 32.9 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

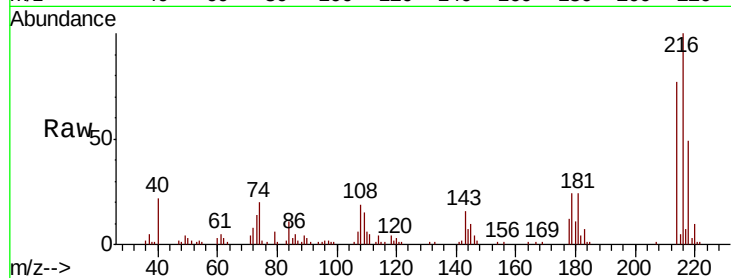




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.460 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM019372.D
 Acq: 24 Mar 2019 03:11

Instrument :
 BNA_M
 ClientSampleId :
 C0967

Tgt Ion: 216 Resp: 84880
 Ion Ratio Lower Upper
 216 100
 214 77.3 64.1 96.1
 218 48.5 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

