

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
 Data File : BM019454.D
 Acq On : 26 Mar 2019 04:51
 Operator : JU/SJ
 Sample : K2027-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09B1

Quant Time: Mar 26 05:42:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	175497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	664080	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	361056	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	761482	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	788723	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	874126	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15670	3.50	ng/uL	0.00
5) Phenol-d5	6.79	99	98813	6.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	258676	24.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	278773	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	175653	14.97	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	156883	33.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	179442	34.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	304268	30.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	924	0.08	ng/ul	-0.15
44) Dimethylphthalate-d6	13.68	166	925219	31.76	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1178096	32.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	15245	3.34	ng/ul	0.03
58) Fluorene-d10	15.26	176	800567	31.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	139657	27.73	ng/ul	0.00
71) Anthracene-d10	17.12	188	1192978	32.65	ng/ul	0.00
79) Pyrene-d10	19.42	212	1268043	34.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1443409	31.15	ng/ul	0.00

Target Compounds

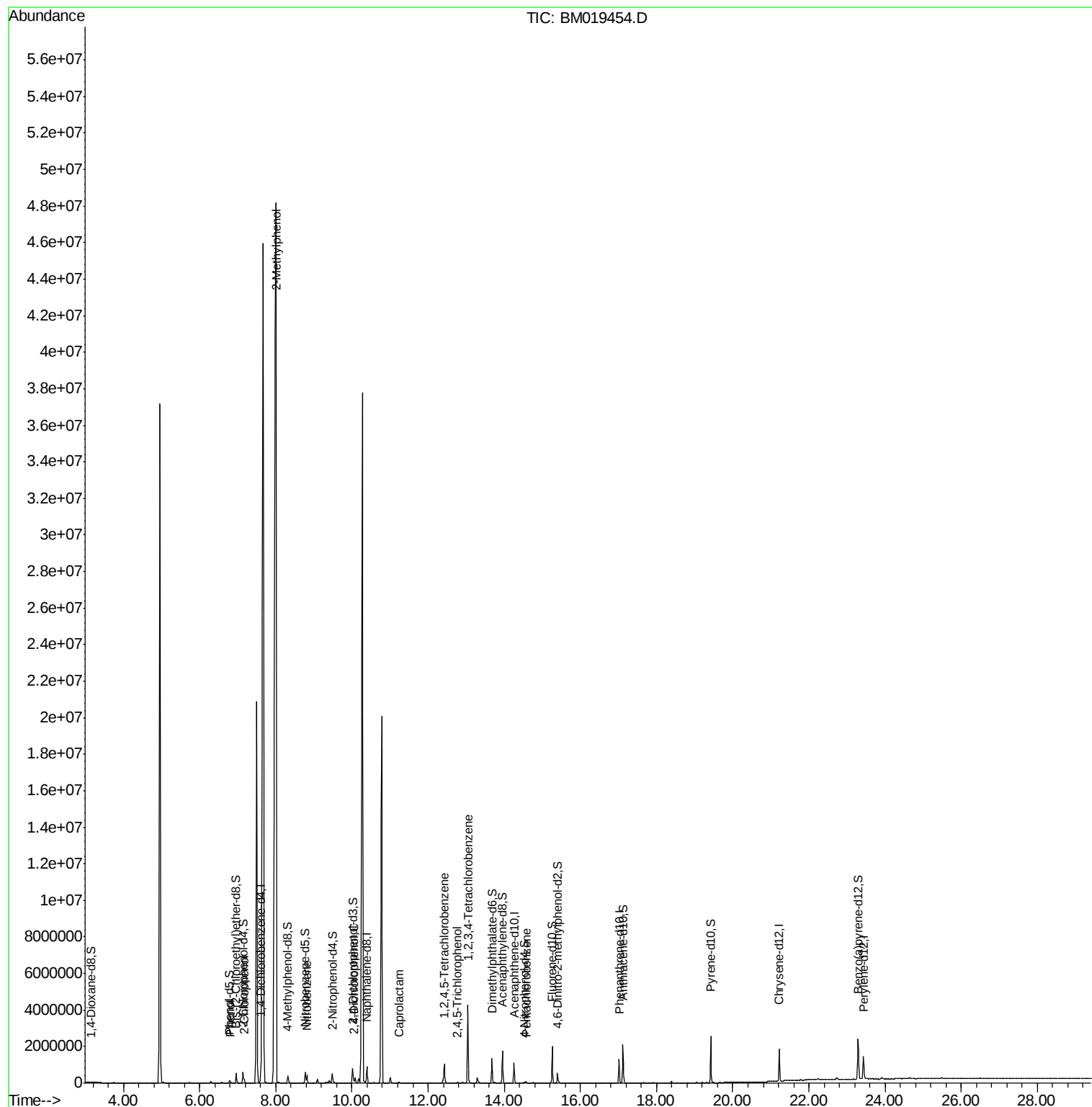
					Qvalue
6) Phenol	6.82	94	26900	1.649	ng/ul 98
10) 2-Chlorophenol	7.17	128	89435	7.428	ng/ul 98
11) 2-Methylphenol	8.01	108	323731	28.464	ng/ul 96
20) Nitrobenzene	8.82	77	297671	21.109	ng/ul 99
27) 2,4-Dichlorophenol	10.05	162	40762	4.146	ng/ul 94
32) Caprolactam	11.22	113	6105	2.092	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	337752	29.398	ng/ul# 95
40) 2,4,5-Trichlorophenol	12.77	196	14456	1.880	ng/ul 94
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	1280822	116.016	ng/uL 98
74) Pentachlorobenzene	14.57	250	17047	1.476	ng/uL 95

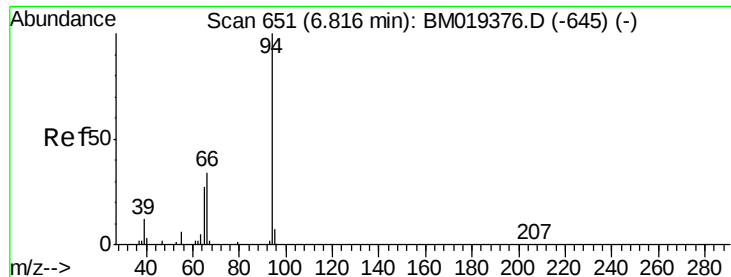
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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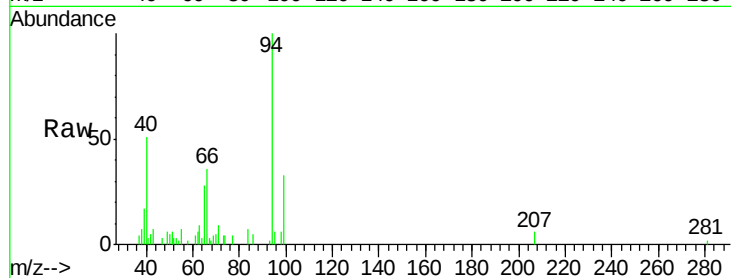
#6

Phenol

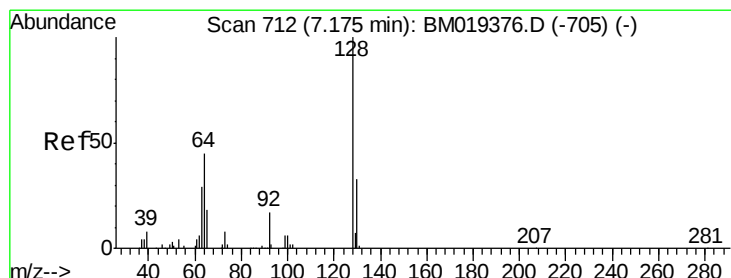
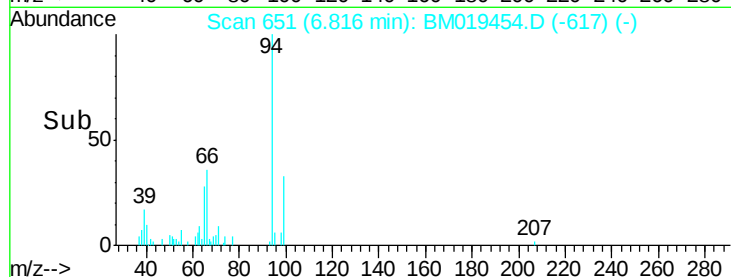
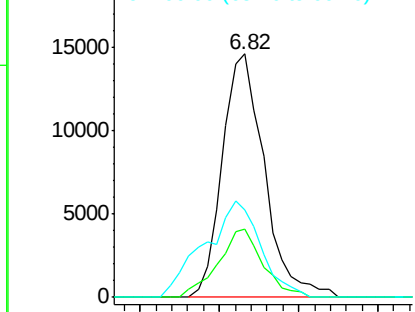
Concen: 1.649 ng/ul
 RT: 6.82 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

Instrument :
 BNA_M
 ClientSampleId :
 C09B1

Tgt Ion: 94 Resp: 26900
 Ion Ratio Lower Upper
 94 100
 65 28.2 23.0 34.6
 66 36.0 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM019376.D (-645) (-)
 Ion 65.00 (64.70 to 65.70): BM019376.D (-645) (-)
 Ion 66.00 (65.70 to 66.70): BM019376.D (-645) (-)

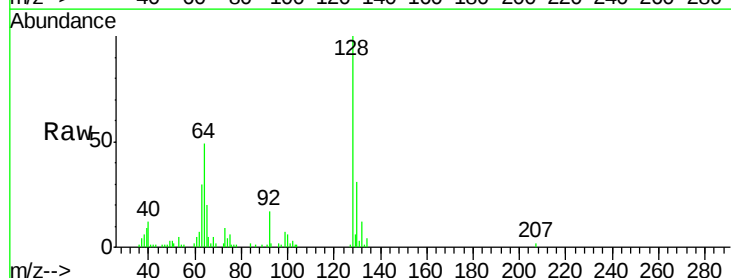


#10

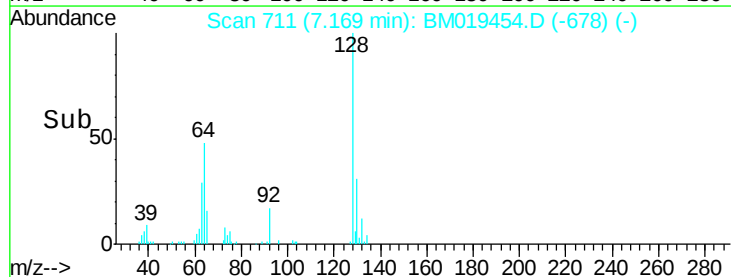
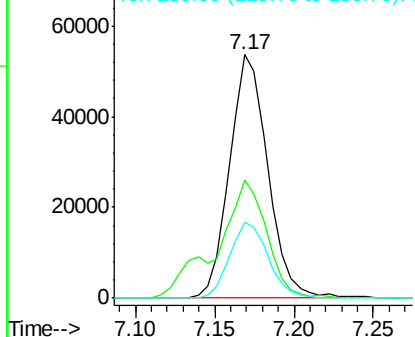
2-Chlorophenol

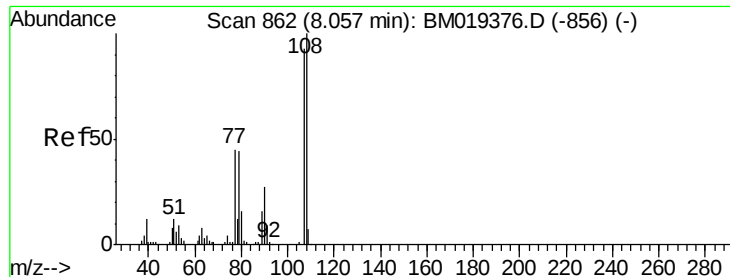
Concen: 7.428 ng/ul
 RT: 7.17 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

Tgt Ion: 128 Resp: 89435
 Ion Ratio Lower Upper
 128 100
 64 48.7 39.8 59.6
 130 31.0 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): BM019376.D (-705) (-)
 Ion 64.00 (63.70 to 64.70): BM019376.D (-705) (-)
 Ion 130.00 (129.70 to 130.70): BM019376.D (-705) (-)

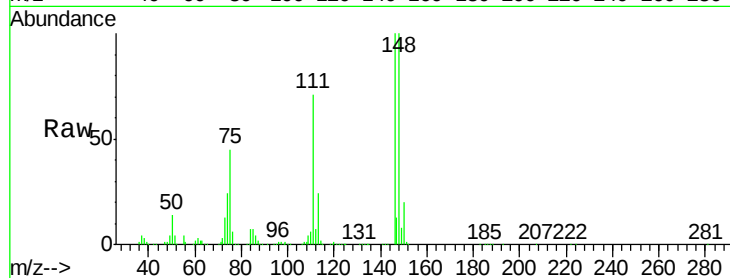




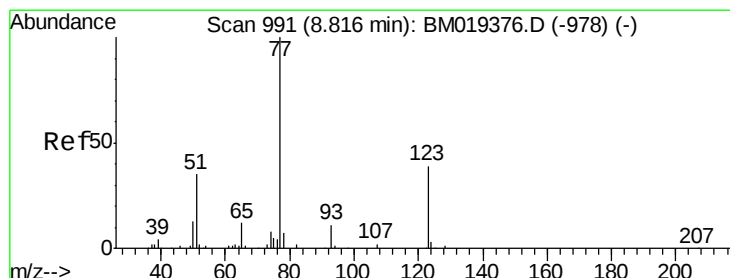
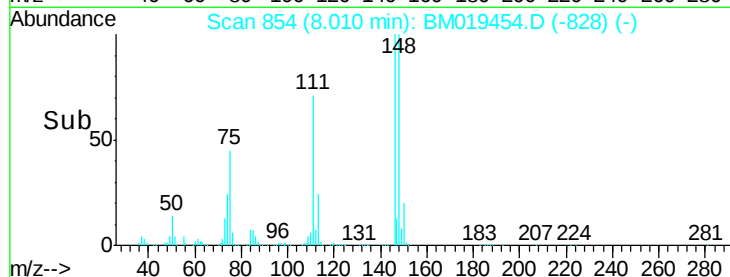
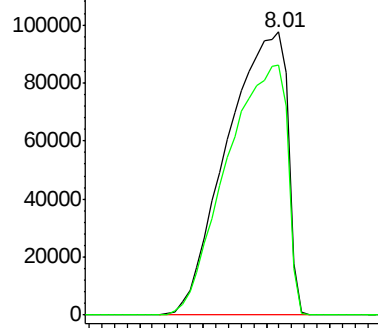
#11
2-Methylphenol
Concen: 28.464 ng/ul
RT: 8.01 min Scan# 854
Delta R.T. -0.05 min
Lab File: BM019454.D
Acq: 26 Mar 2019 04:51

Instrument :
BNA_M
ClientSampleId :
C09B1

Tgt Ion: 108 Resp: 323731
Ion Ratio Lower Upper
108 100
107 88.5 74.1 111.1

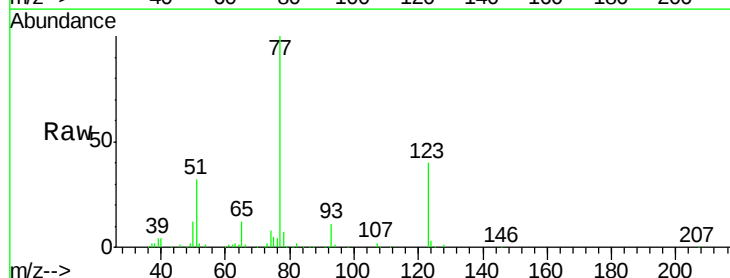


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

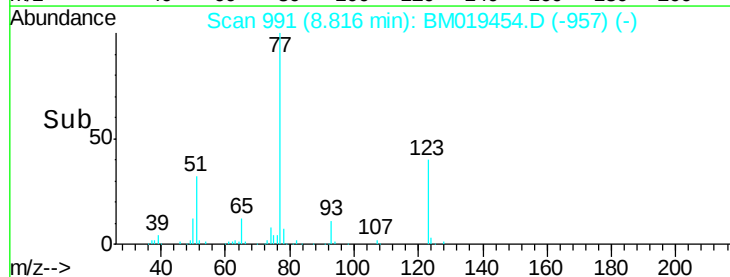
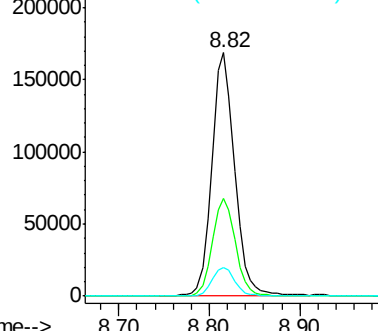


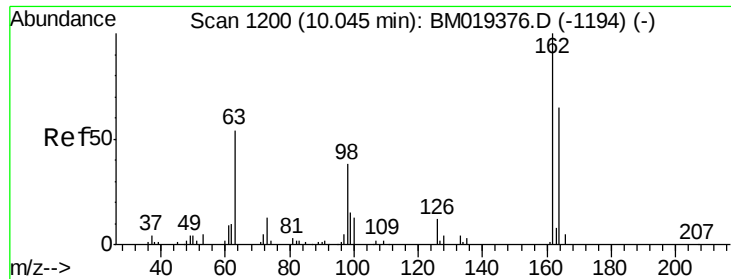
#20
Nitrobenzene
Concen: 21.109 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM019454.D
Acq: 26 Mar 2019 04:51

Tgt Ion: 77 Resp: 297671
Ion Ratio Lower Upper
77 100
123 40.3 31.8 47.8
65 12.0 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

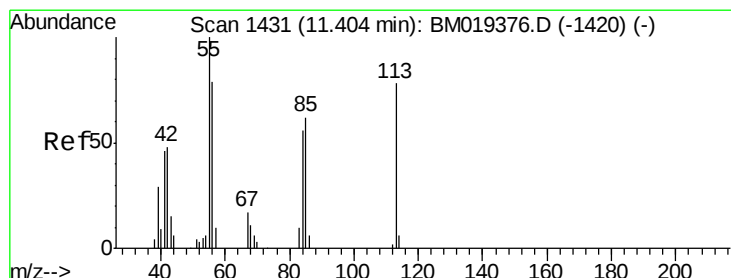
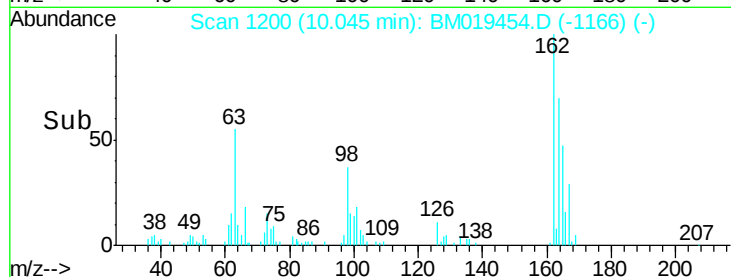
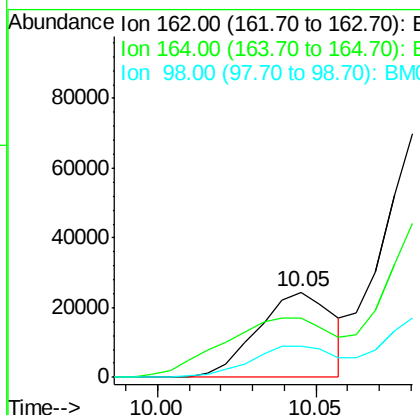
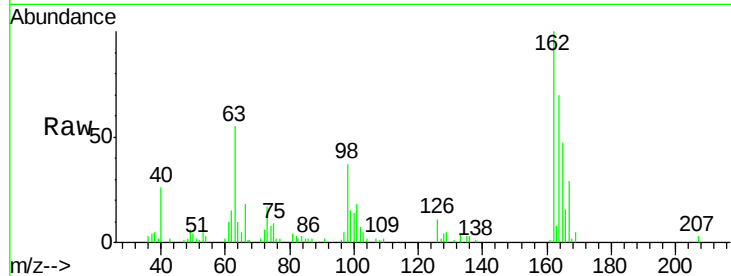




#27
 2,4-Dichlorophenol
 Concen: 4.146 ng/ul
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

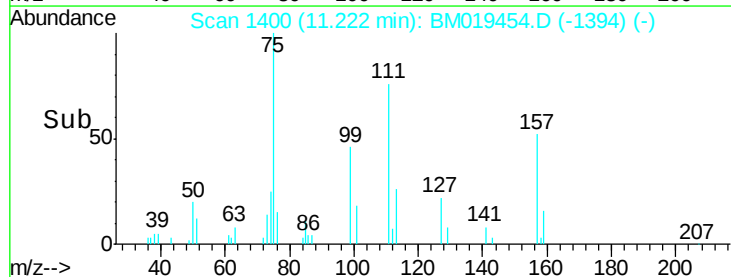
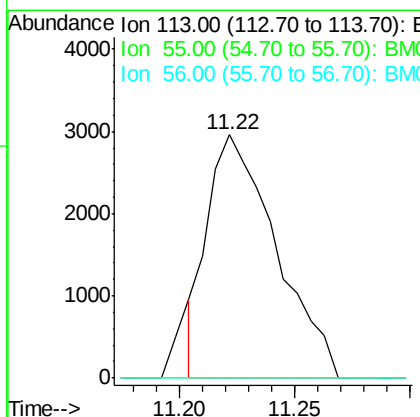
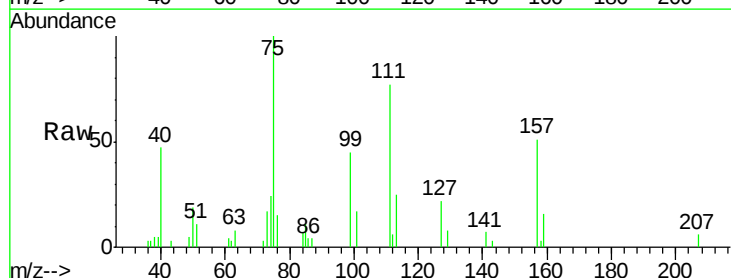
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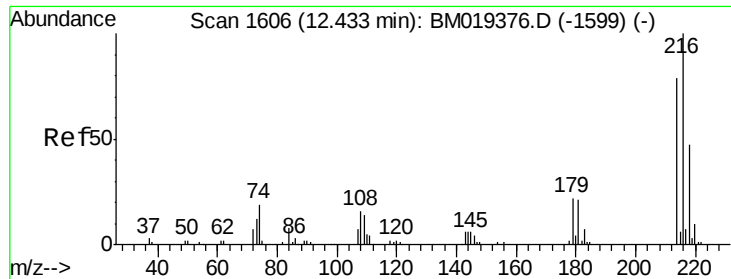
Tgt Ion:162 Resp: 40762
 Ion Ratio Lower Upper
 162 100
 164 70.2 52.0 78.0
 98 36.7 26.6 39.8



#32
 Caprolactam
 Concen: 2.092 ng/ul
 RT: 11.22 min Scan# 1400
 Delta R.T. -0.16 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

Tgt Ion:113 Resp: 6105
 Ion Ratio Lower Upper
 113 100
 55 0.0 131.7 197.5#
 56 0.0 92.7 139.1#

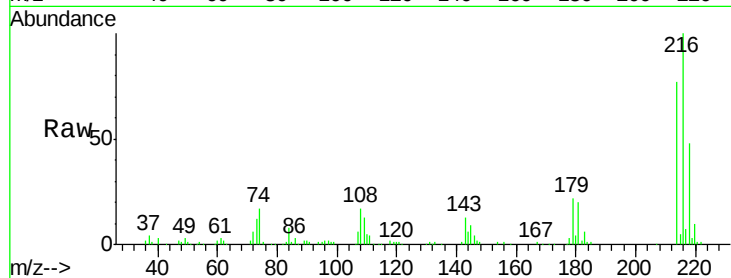




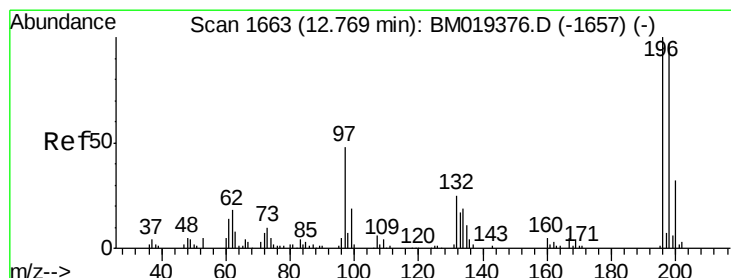
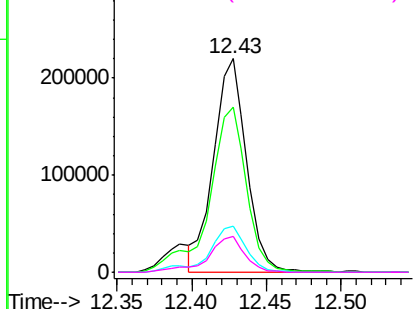
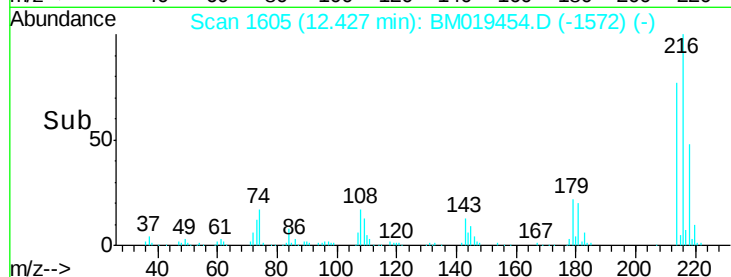
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.398 ng/ul
 RT: 12.43 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

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Tgt Ion:216 Resp: 337752
 Ion Ratio Lower Upper
 216 100
 214 77.4 64.1 96.1
 179 21.6 14.5 21.7
 108 16.9 10.4 15.6#

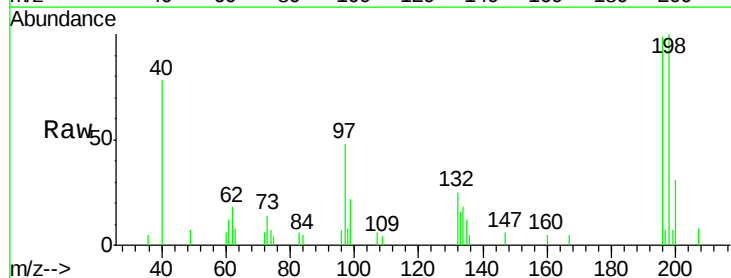


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

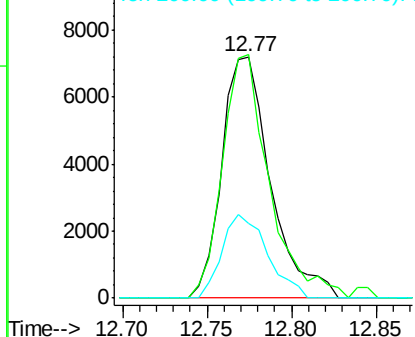
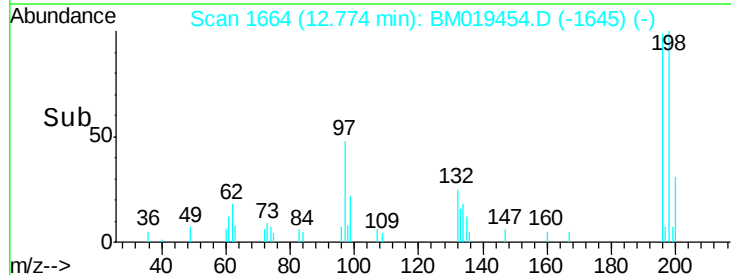


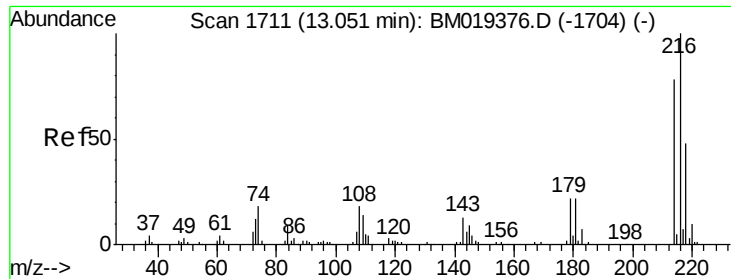
#40
 2,4,5-Trichlorophenol
 Concen: 1.880 ng/ul
 RT: 12.77 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

Tgt Ion:196 Resp: 14456
 Ion Ratio Lower Upper
 196 100
 198 100.8 74.7 112.1
 200 30.8 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

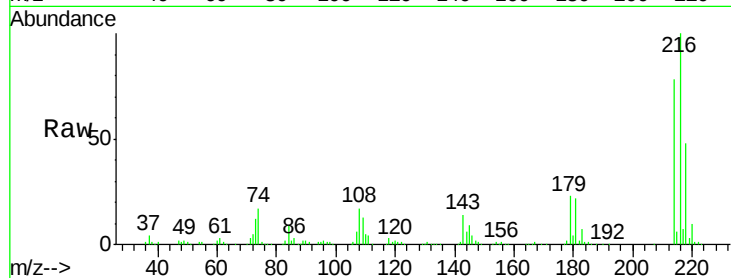




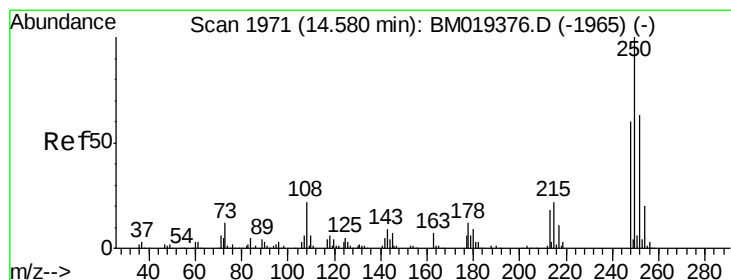
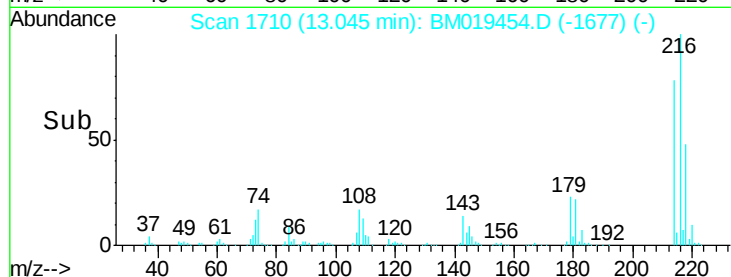
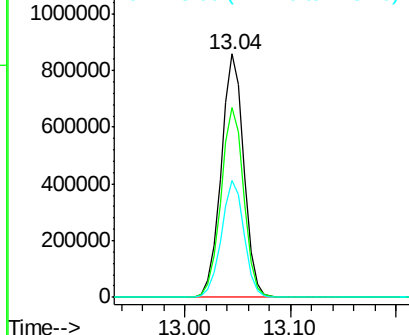
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 116.016 ng/uL
 RT: 13.04 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

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Tgt Ion:216 Resp: 1280822
 Ion Ratio Lower Upper
 216 100
 214 78.2 64.1 96.1
 218 48.1 39.4 59.0

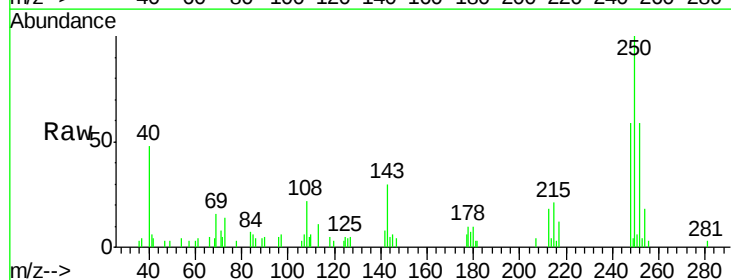


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 1.476 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM019454.D
 Acq: 26 Mar 2019 04:51

Tgt Ion:250 Resp: 17047
 Ion Ratio Lower Upper
 250 100
 248 59.0 51.4 77.2
 252 59.4 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

