

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019390.D
 Acq On : 24 Mar 2019 14:01
 Operator : JU/SJ
 Sample : K2027-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0988

Manual Integrations
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Quant Time: Mar 25 03:20:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	144944	20.00	ng/ul	0.05
18) Naphthalene-d8	10.42	136	561732	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.26	164	295128	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	639671	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	683835	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	768506	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14465m	3.91	ng/uL	0.00
5) Phenol-d5	6.80	99	83211	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	234968	27.19	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	249751	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	152926m	15.78	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	142248	35.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	157562m	35.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	269871	32.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3393	0.34	ng/ul	0.01
44) Dimethylphthalate-d6	13.69	166	865330	36.34	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1049254	35.24	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	25582m	6.85	ng/ul	0.01
58) Fluorene-d10	15.26	176	722850	35.23	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	136431	32.25	ng/ul	-0.01
71) Anthracene-d10	17.12	188	1143021	37.24	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1241729	39.31	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1442444	35.40	ng/ul	-0.02

Target Compounds

					Ovalue	
17) Hexachloroethane	8.67	117	4182	1.001	ng/ul	83
20) Nitrobenzene	8.84	77	3992192	334.689	ng/ul	96
23) 2-Nitrophenol	9.53	139	39214	7.971	ng/ul	95
28) Naphthalene	10.46	128	33126	1.138	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	402503	42.860	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1476305	159.187	ng/uL	98
74) Pentachlorobenzene	14.58	250	24025	2.477	ng/uL	97

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

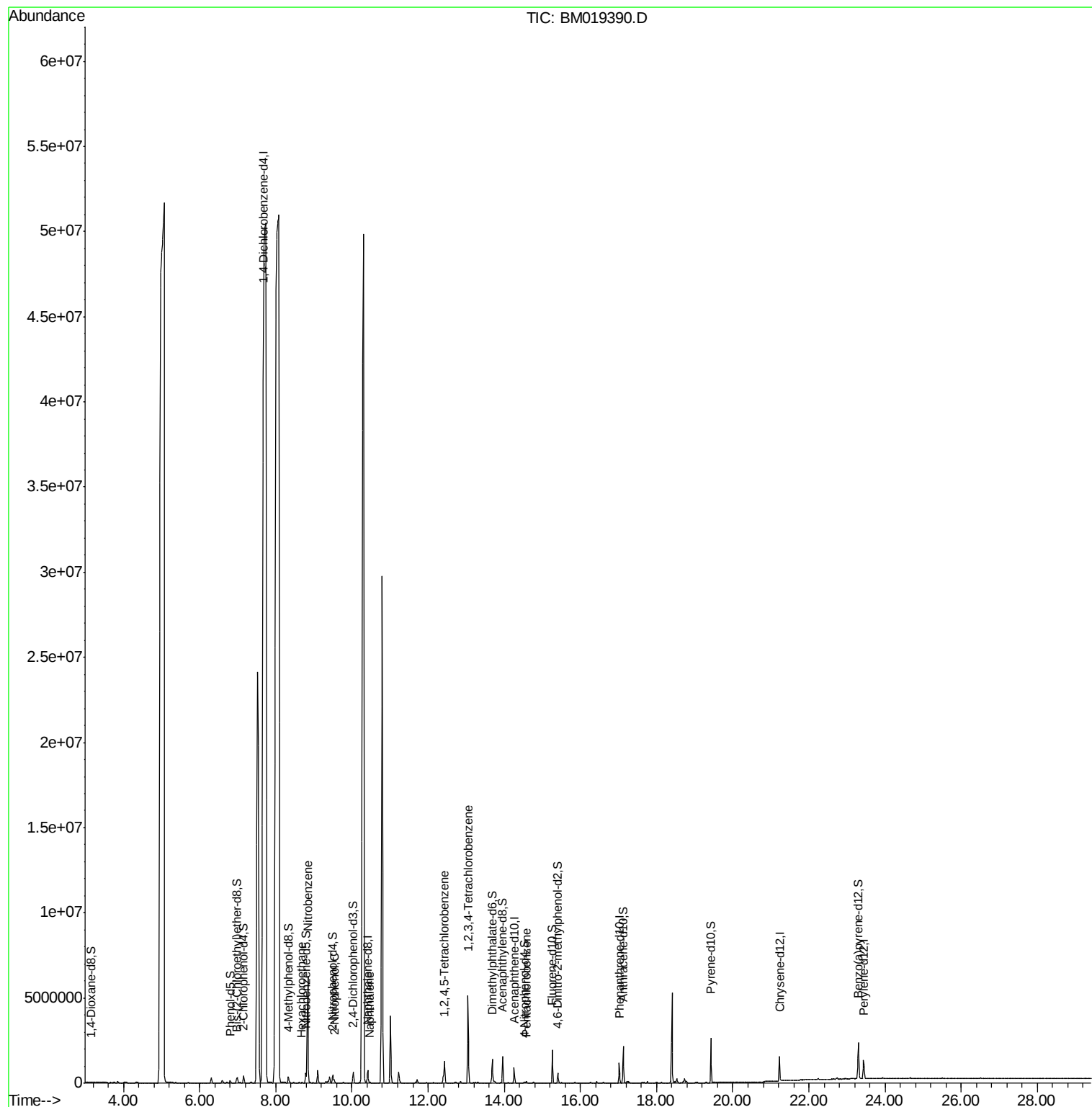
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019390.D
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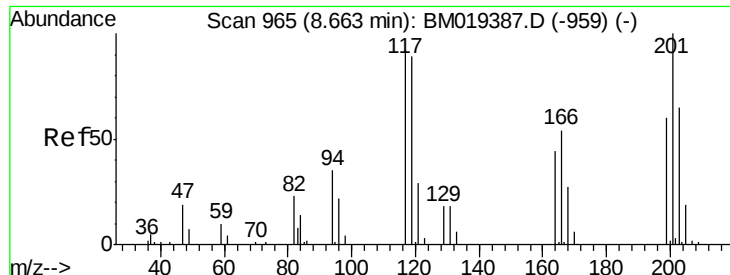
Instrument :
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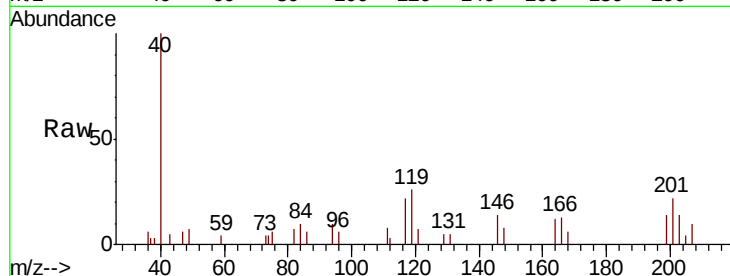
#17
Hexachloroethane
Concen: 1.001 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Instrument :
BNA_M
ClientSampled :
C0988

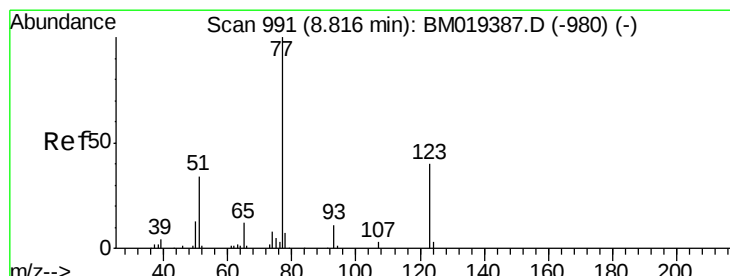
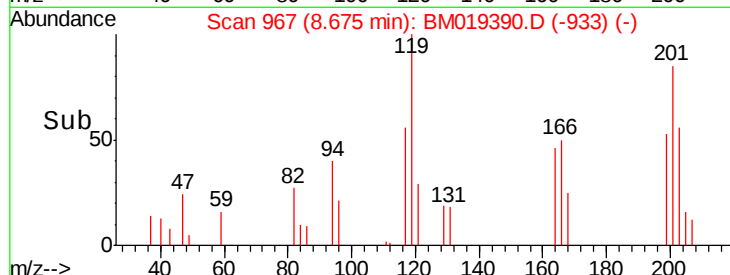
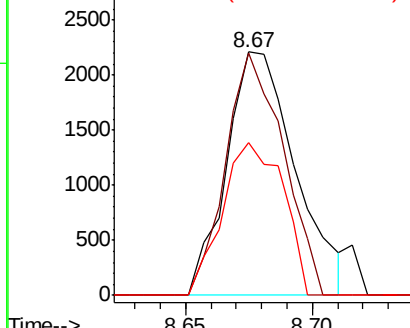
Tot Ion	Ratio	Lower	Upper
117	100		
201	99.7	96.1	144.1
199	62.8	59.7	89.5

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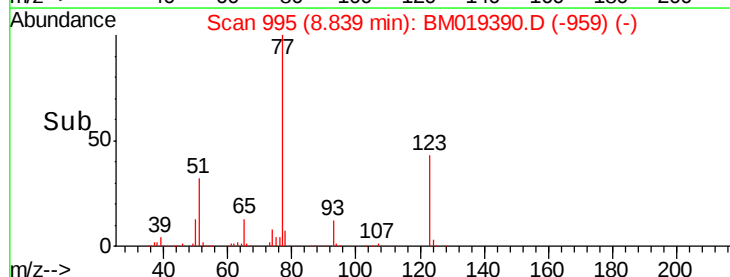
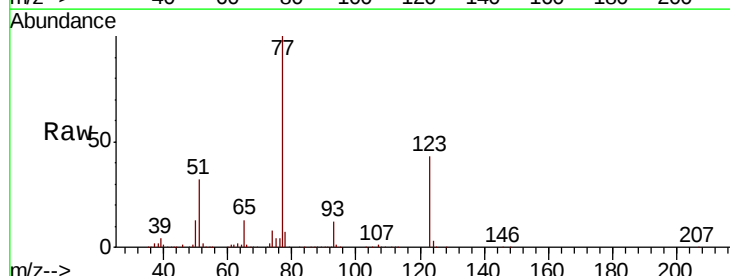
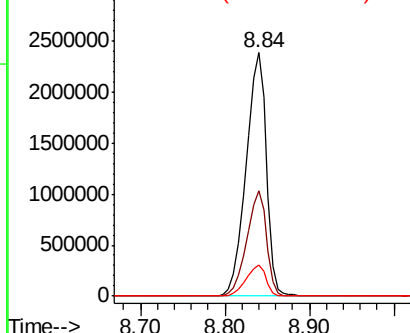
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

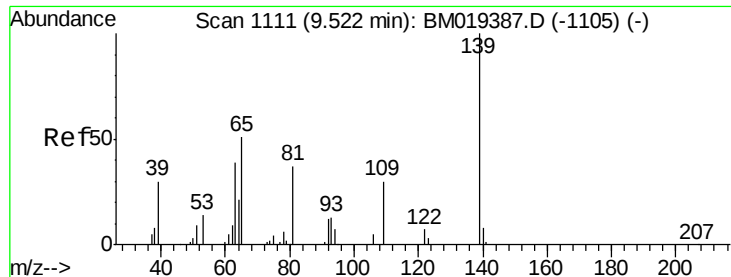


#20
Nitrobenzene
Concen: 334.689 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	31.8	47.8
65	12.7	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





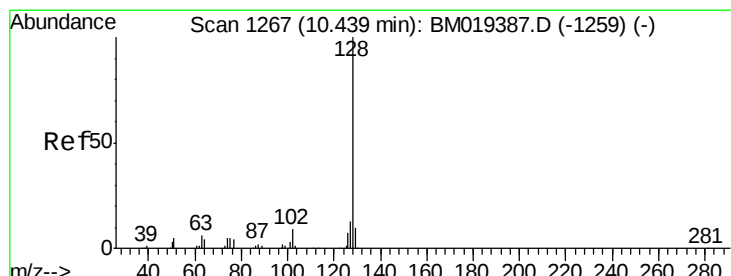
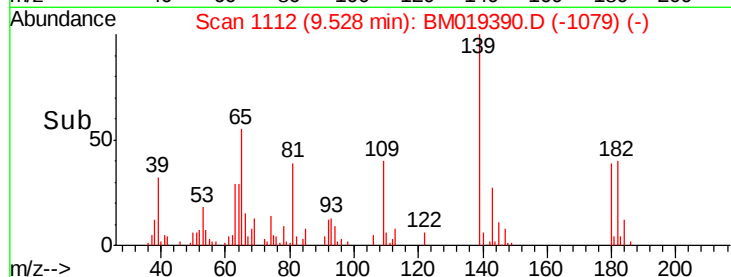
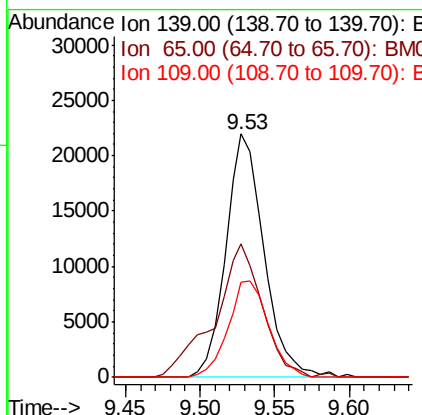
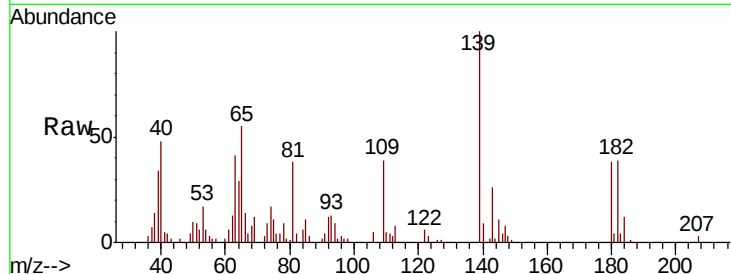
#23
2-Nitrophenol
Concen: 7.971 ng/ul
RT: 9.53 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Instrument :
BNA_M
ClientSampled :
C0988

Tot Ion	Ratio	Resp	Lower	Upper
139	100	39214		
65	54.6		45.3	67.9
109	39.0		27.7	41.5

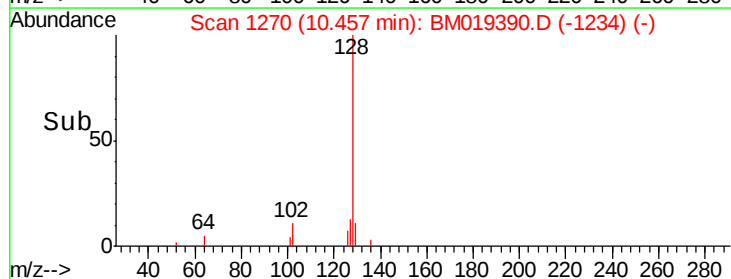
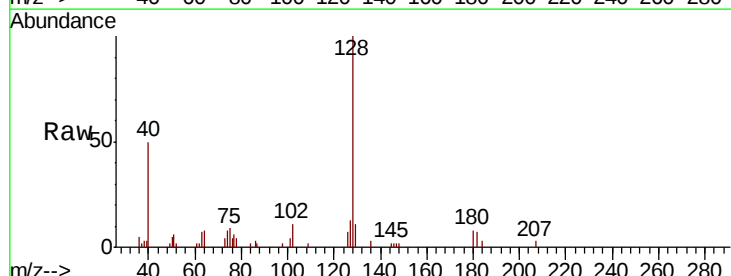
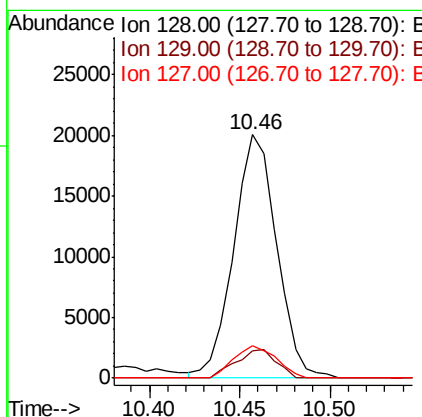
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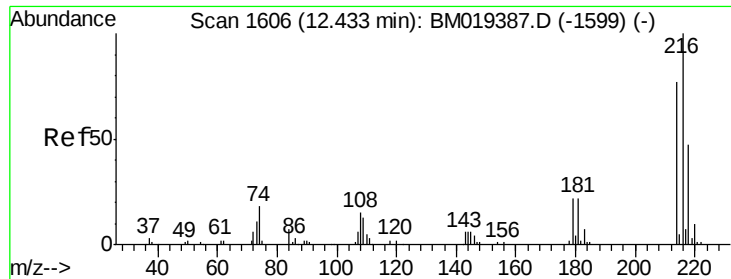
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#28
Naphthalene
Concen: 1.138 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM019390.D
Acq: 24 Mar 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	33126		
129	10.9		8.3	12.5
127	13.3		10.8	16.2





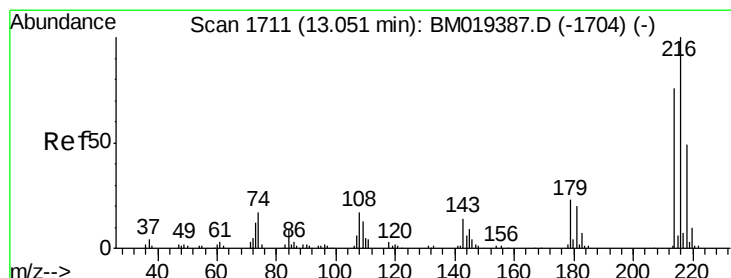
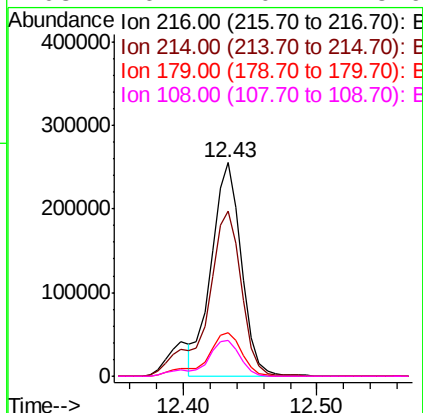
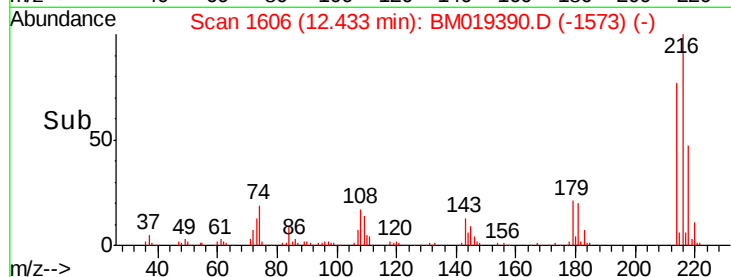
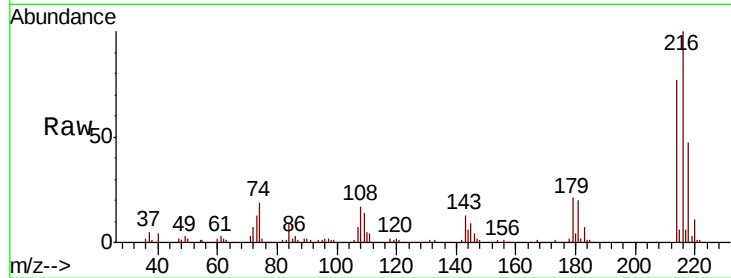
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.860 ng/uL
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BM019390.D
 Acq: 24 Mar 2019 14:01

Instrument :
 BNA_M
 ClientSampled :
 C0988

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.2	64.1	96.1
179	20.7	14.5	21.7
108	16.7	10.4	15.6

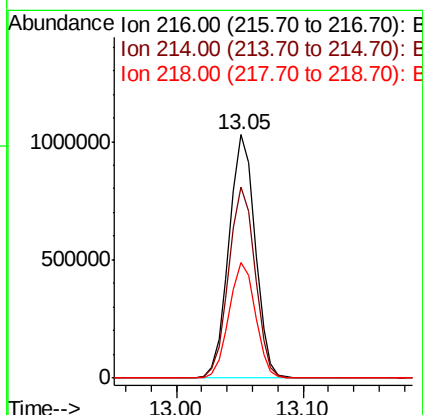
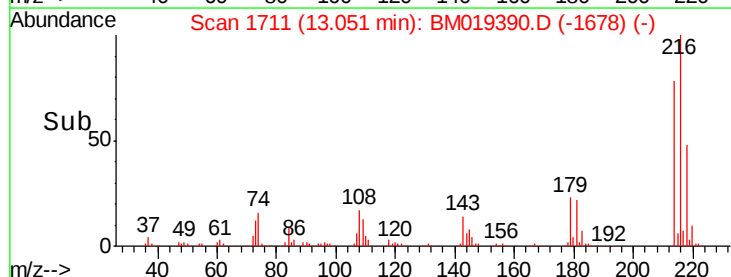
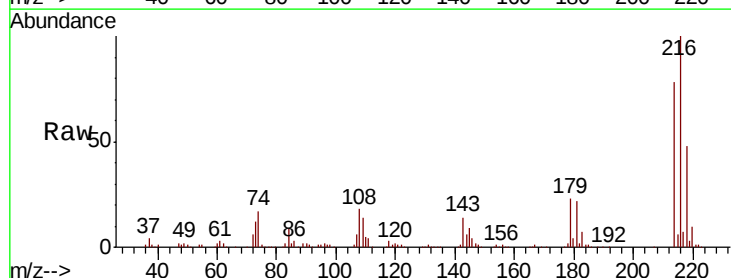
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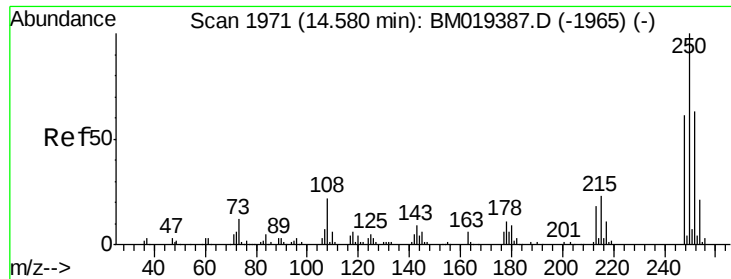
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 159.187 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM019390.D
 Acq: 24 Mar 2019 14:01

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	64.1	96.1
218	47.5	39.4	59.0





#74
 Pentachlorobenzene
 Concen: 2.477 ng/uL
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BM019390.D
 Acq: 24 Mar 2019 14:01

Instrument :
 BNA_M
 ClientSampleId :
 C0988

Tot Ion	Ratio	Resp Lower	Upper
250	100		
248	64.9	51.4	77.2
252	65.9	49.8	74.6

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