

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019351.D
 Acq On : 23 Mar 2019 14:34
 Operator : JU/SJ
 Sample : K2027-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09C8

Quant Time: Mar 24 04:56:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 24 04:53:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	530935	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	282570	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	604376	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	665792	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	775696	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14441	4.03	ng/uL	0.00
5) Phenol-d5	6.80	99	93077	7.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	237113	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	249995	26.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	154890	16.50	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	133800	35.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	148515	35.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1239	0.16	ng/ul	0.09
29) 4-Chloroaniline-d4	10.59	131	13126	1.37	ng/ul	0.04
44) Dimethylphthalate-d6	13.69	166	787969	34.56	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	988620	34.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	5661	1.58	ng/ul	0.04
58) Fluorene-d10	15.27	176	686683	34.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	103196	25.82	ng/ul	0.00
71) Anthracene-d10	17.13	188	1067994	36.82	ng/ul	0.00
79) Pyrene-d10	19.43	212	1164844	37.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1408998	34.26	ng/ul	-0.01

Target Compounds

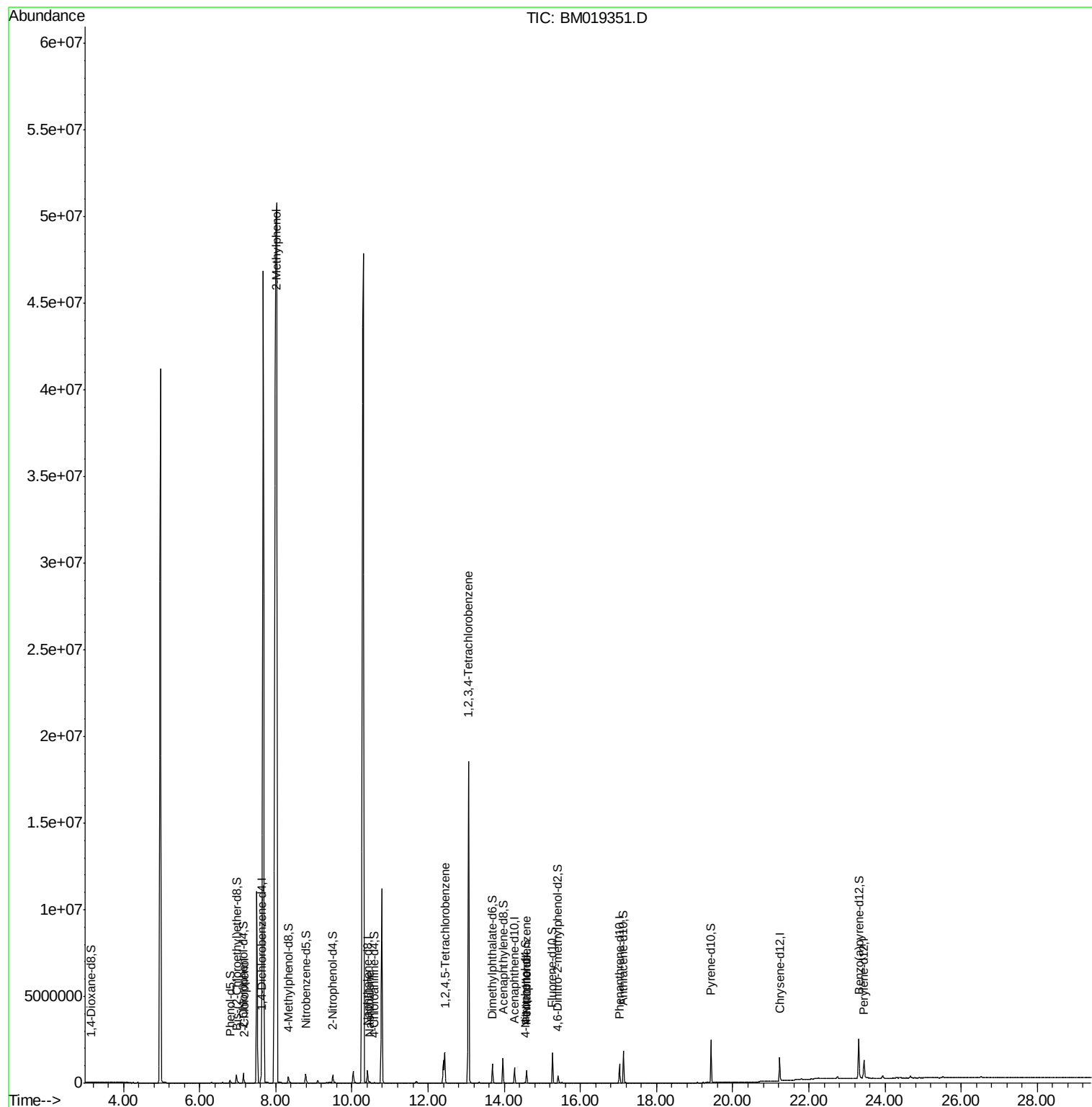
					Qvalue
10) 2-Chlorophenol	7.18	128	13176	1.367	ng/ul 96
11) 2-Methylphenol	8.02	108	405073	44.501	ng/ul 95
28) Naphthalene	10.46	128	63847	2.321	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	535835	59.593	ng/ul# 96
53) 4-Nitrophenol	14.58	109	7721	2.760	ng/ul# 1
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	5680604	648.298	ng/uL 99
74) Pentachlorobenzene	14.59	250	193042	21.062	ng/uL 98

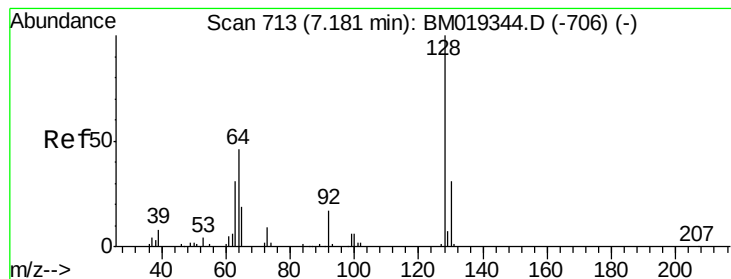
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.367 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM019351.D

Acq: 23 Mar 2019 14:34

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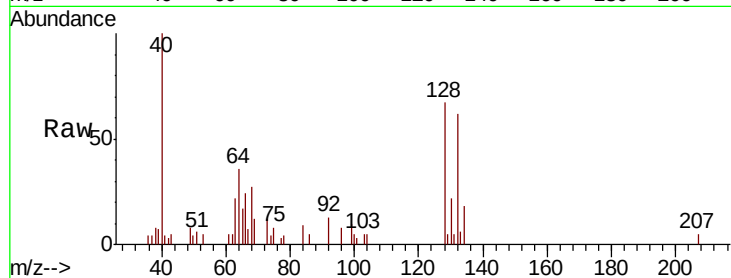
Tgt Ion:128 Resp: 13176

Ion Ratio Lower Upper

128 100

64 54.1 39.8 59.6

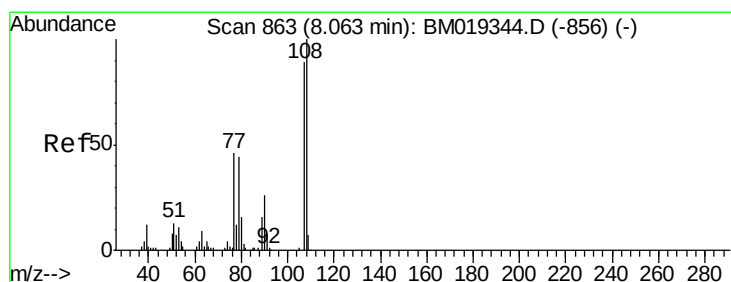
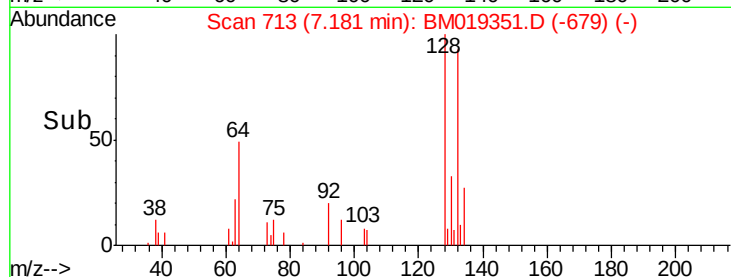
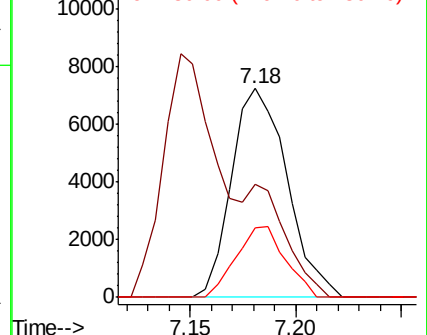
130 33.1 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM019351.D (-829) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 44.501 ng/ul

RT: 8.02 min Scan# 856

Delta R.T. -0.04 min

Lab File: BM019351.D

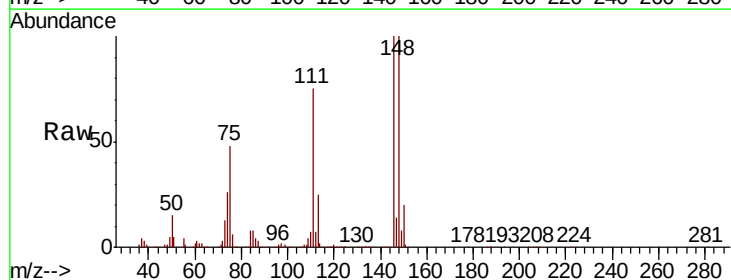
Acq: 23 Mar 2019 14:34

Tgt Ion:108 Resp: 405073

Ion Ratio Lower Upper

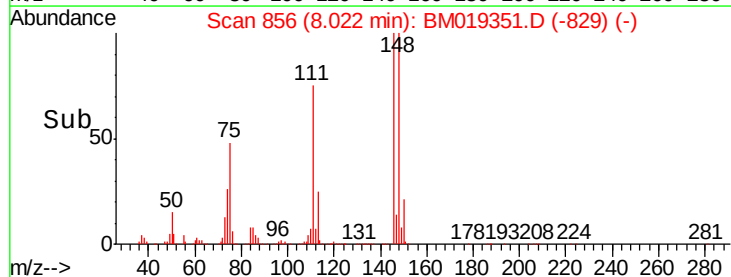
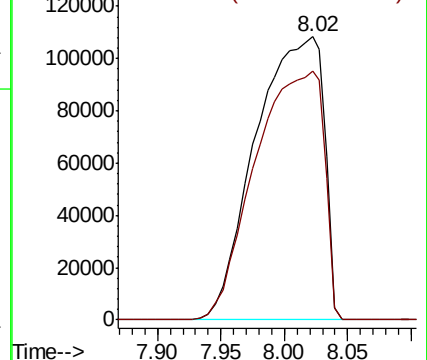
108 100

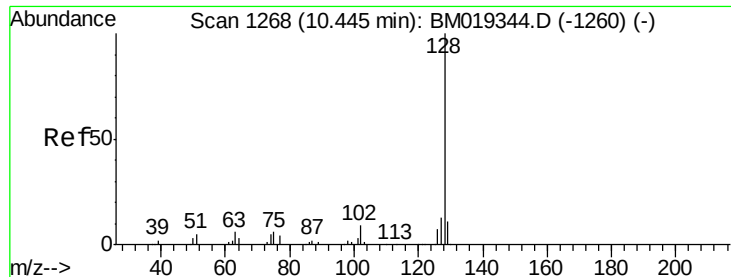
107 88.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

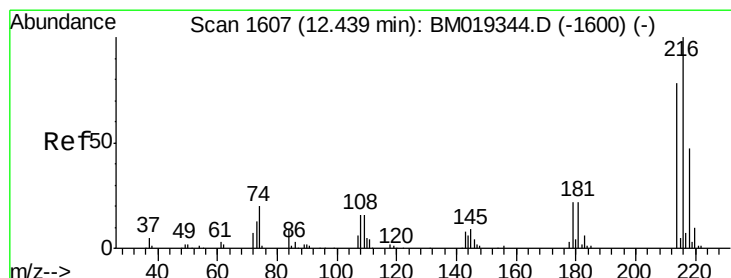
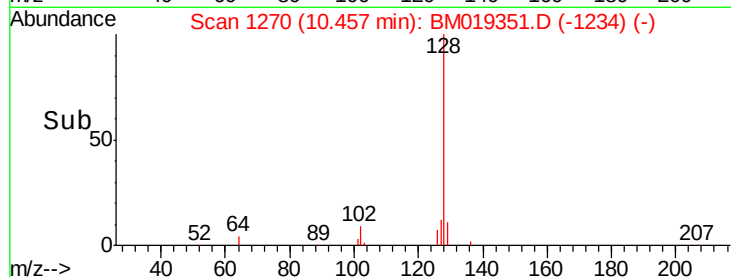
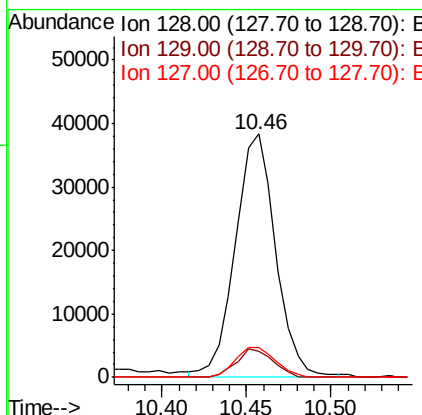
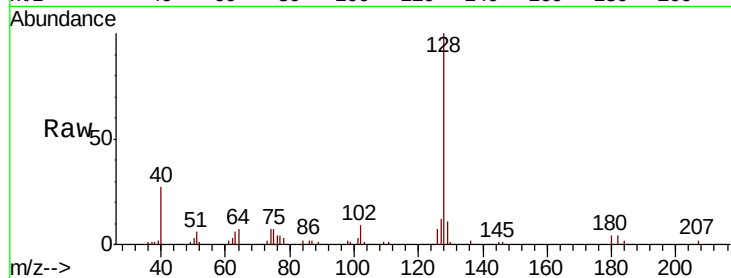




#28
Naphthalene
Concen: 2.321 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM019351.D
Acq: 23 Mar 2019 14:34

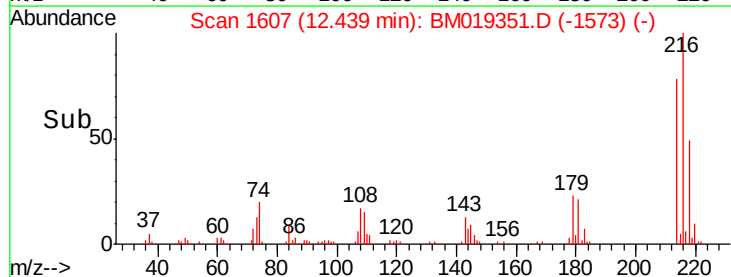
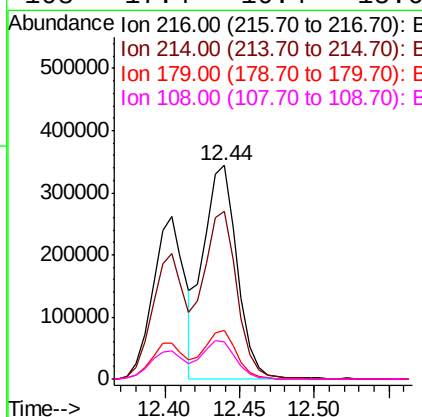
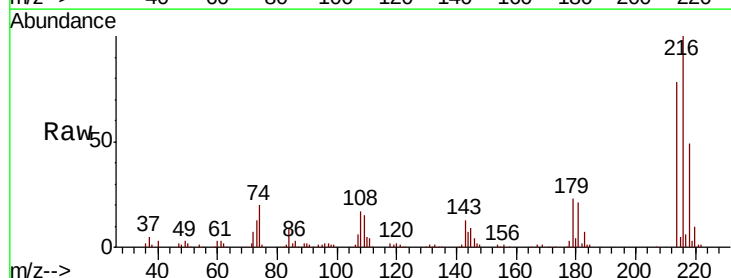
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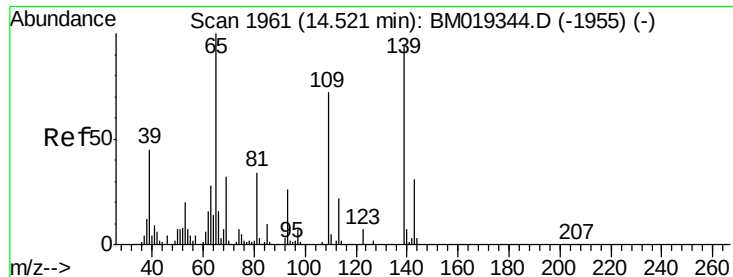
Tgt Ion:128 Resp: 63847
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.2 10.8 16.2



#37
1,2,4,5-Tetrachlorobenzene
Concen: 59.593 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM019351.D
Acq: 23 Mar 2019 14:34

Tgt Ion:216 Resp: 535835
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 22.6 14.5 21.7#
108 17.4 10.4 15.6#

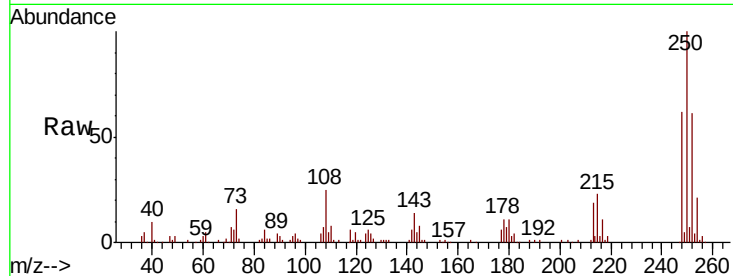




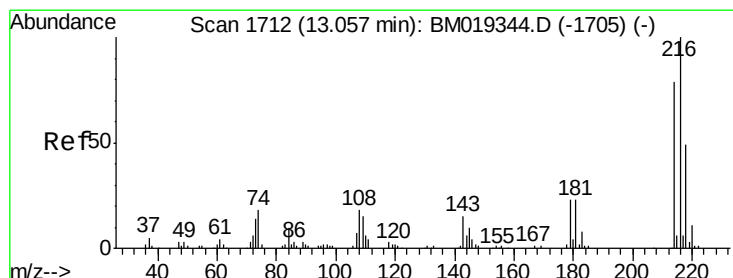
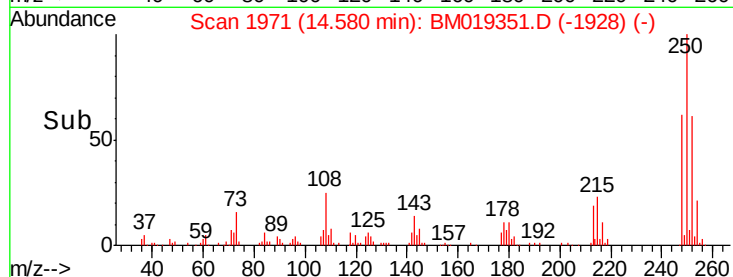
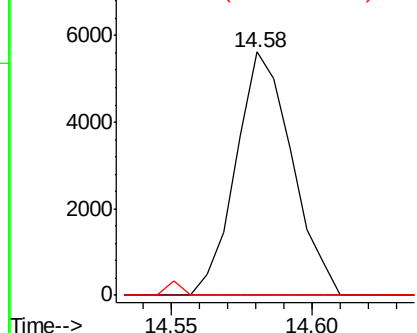
#53
4-Nitrophenol
Concen: 2.760 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.05 min
Lab File: BM019351.D
Acq: 23 Mar 2019 14:34

Instrument :
BNA_M
ClientSampleId :
C09C8

Tgt Ion	Ratio	Lower	Upper
109	100		
139	0.0	91.2	136.8#
65	0.0	92.6	139.0#

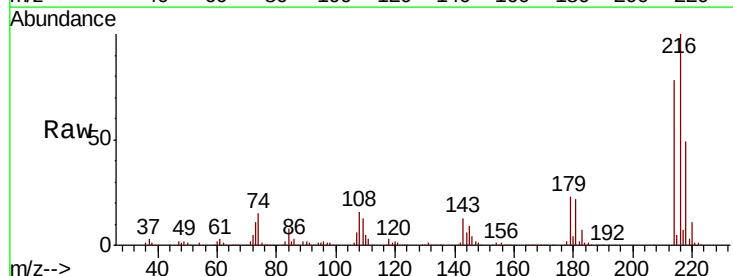


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

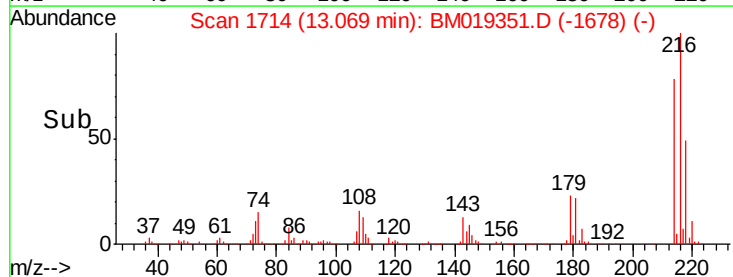
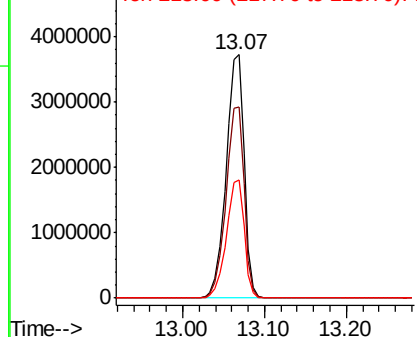


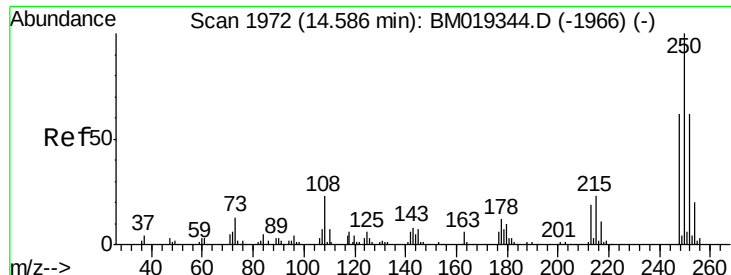
#73
1,2,3,4-Tetrachlorobenzene
Concen: 648.298 ng/uL
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM019351.D
Acq: 23 Mar 2019 14:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.1	96.1
218	48.7	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: 21.062 ng/uL

RT: 14.59 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BM019351.D

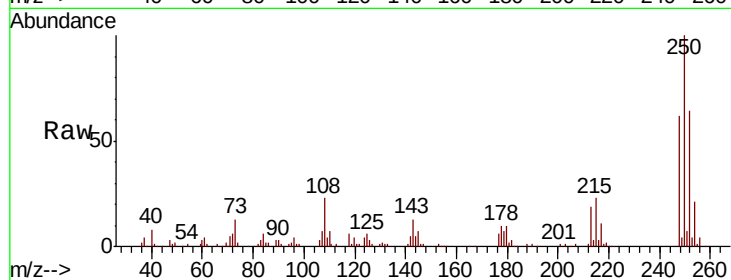
Acq: 23 Mar 2019 14:34

Instrument :

BNA_M

ClientSampleId :

C09C8



Tgt Ion:250 Resp: 193042

Ion Ratio Lower Upper

250 100

248 62.5 51.4 77.2

252 63.9 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

