

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019519.D
 Acq On : 27 Mar 2019 23:48
 Operator : JU/SJ
 Sample : K2069-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09J6

Quant Time: Mar 28 05:14:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	115416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	419122	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	229519	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	517641	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	615451	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	799281	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	10262	3.48	ng/uL	0.00
5) Phenol-d5	6.77	99	62899	6.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	173811	25.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	177819	22.83	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	110512	14.32	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	101213	33.85	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	115170	34.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	186696	29.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	12262	1.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	635190	34.30	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	769136	33.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	7492	2.58	ng/ul	0.03
58) Fluorene-d10	15.24	176	528877	33.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	92025	26.88	ng/ul	0.00
71) Anthracene-d10	17.10	188	849034	34.18	ng/ul	-0.01
79) Pyrene-d10	19.42	212	969274	34.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	1358889	32.07	ng/ul	-0.01

Target Compounds

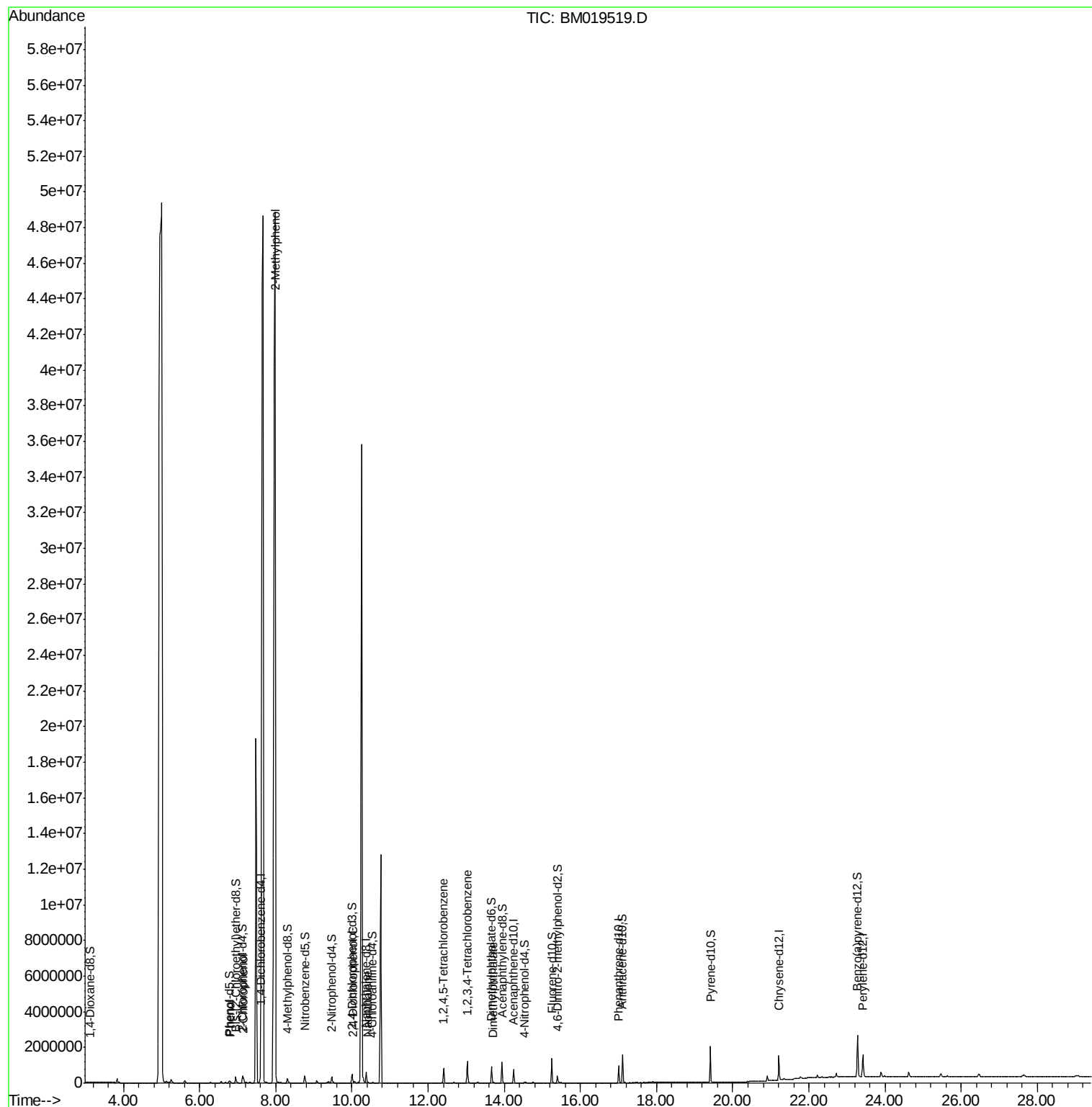
					Qvalue
6) Phenol	6.80	94	35796	3.338	ng/ul 94
10) 2-Chlorophenol	7.16	128	129017	16.293	ng/ul 94
11) 2-Methylphenol	7.99	108	334548	44.727	ng/ul 98
27) 2,4-Dichlorophenol	10.03	162	8856	1.427	ng/ul 92
28) Naphthalene	10.42	128	43922	2.023	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	255739	35.016	ng/ul# 94
45) Dimethylphthalate	13.72	163	21497	1.157	ng/ul# 97
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	351388	46.822	ng/uL 99

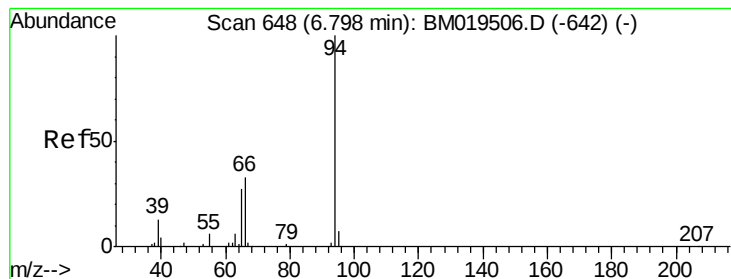
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.338 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM019519.D

Acq: 27 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

C09J6

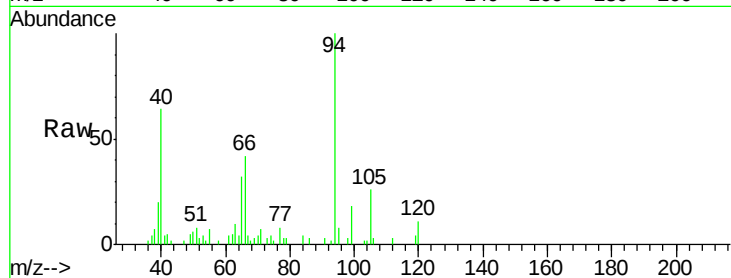
Tgt Ion: 94 Resp: 35796

Ion Ratio Lower Upper

94 100

65 31.9 23.0 34.6

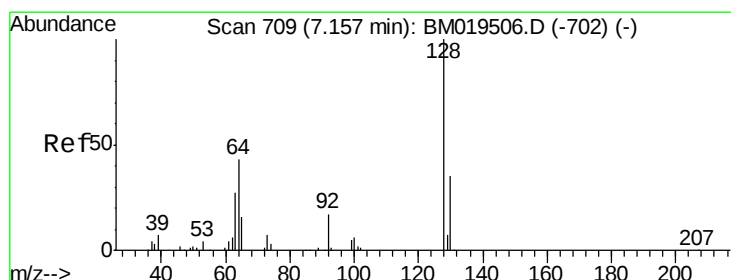
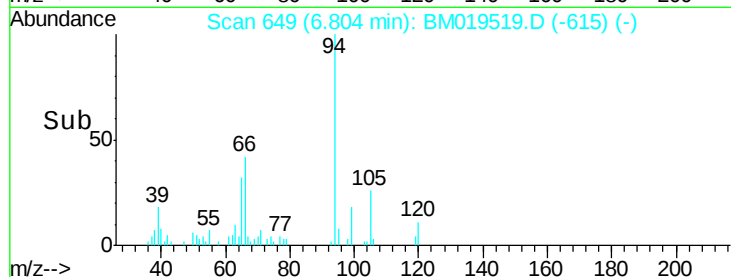
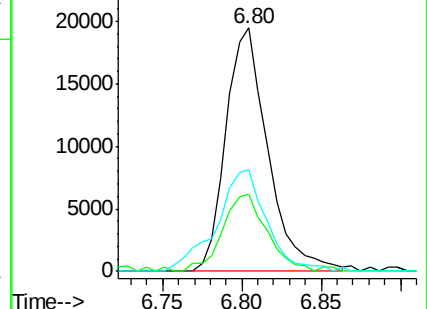
66 41.8 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM019506.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM019506.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM019506.D (-642) (-)



#10

2-Chlorophenol

Concen: 16.293 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM019519.D

Acq: 27 Mar 2019 23:48

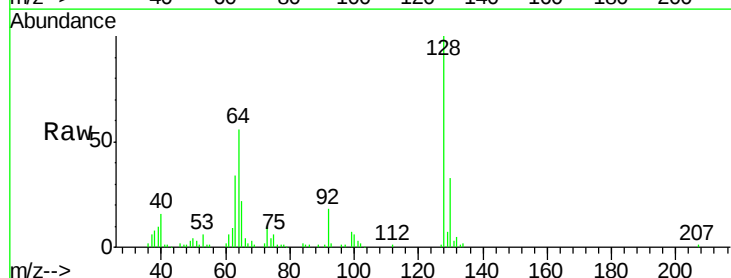
Tgt Ion: 128 Resp: 129017

Ion Ratio Lower Upper

128 100

64 55.7 39.8 59.6

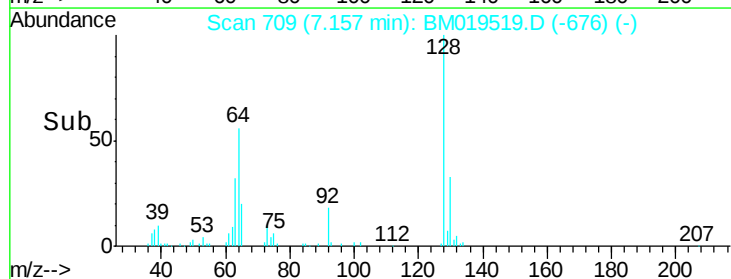
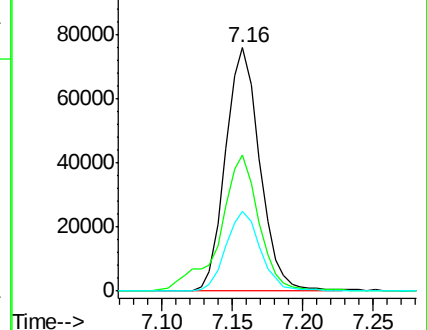
130 32.8 25.8 38.8

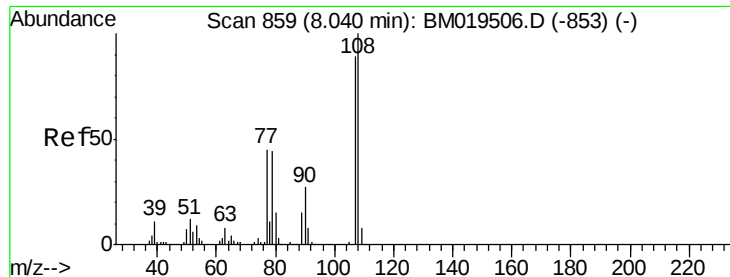


Abundance Ion 128.00 (127.70 to 128.70): BM019506.D (-702) (-)

Ion 64.00 (63.70 to 64.70): BM019506.D (-702) (-)

Ion 130.00 (129.70 to 130.70): BM019506.D (-702) (-)

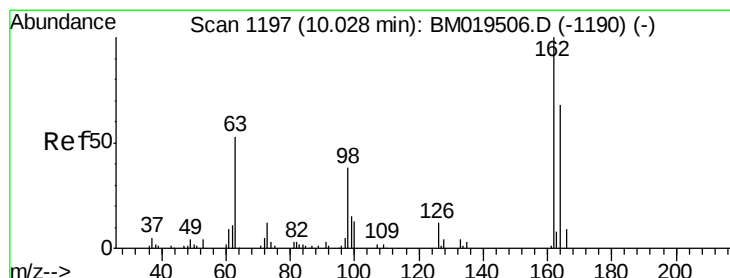
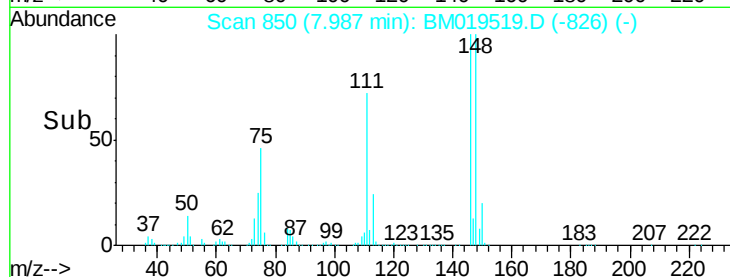
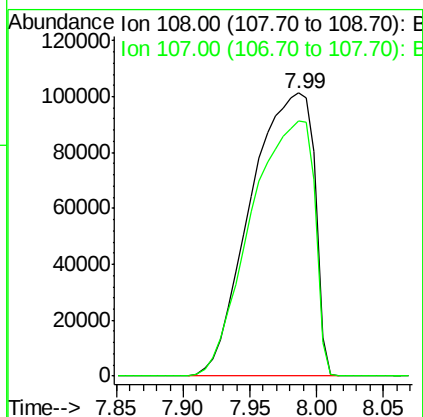
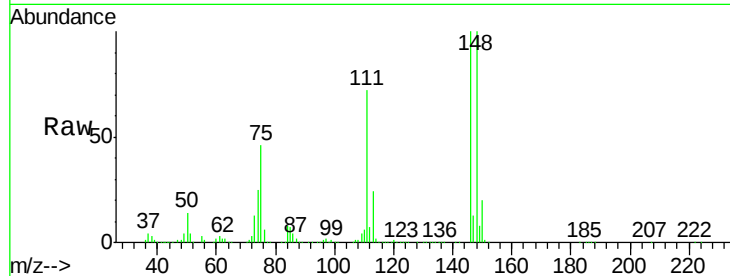




#11
2-Methylphenol
Concen: 44.727 ng/ul
RT: 7.99 min Scan# 850
Delta R.T. -0.06 min
Lab File: BM019519.D
Acq: 27 Mar 2019 23:48

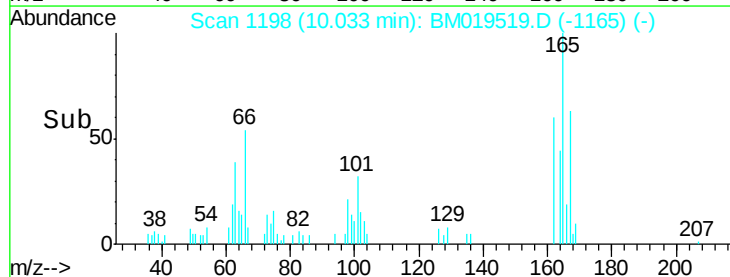
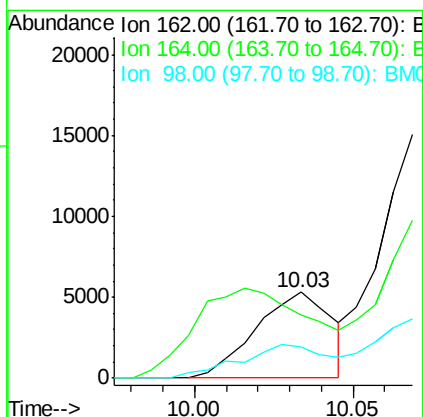
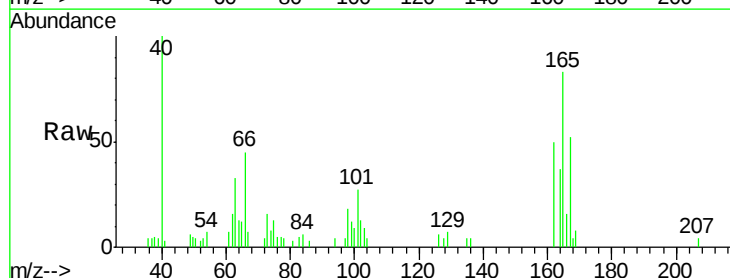
Instrument :
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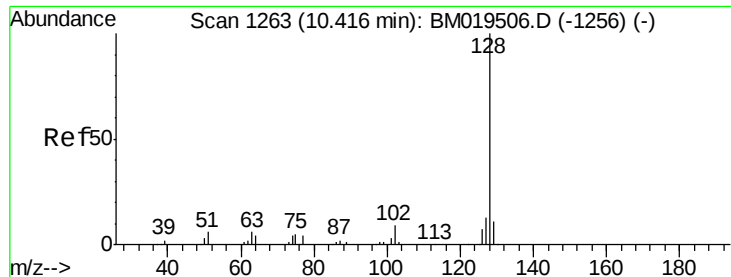
Tgt Ion:108 Resp: 334548
Ion Ratio Lower Upper
108 100
107 90.3 74.1 111.1



#27
2,4-Dichlorophenol
Concen: 1.427 ng/ul
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM019519.D
Acq: 27 Mar 2019 23:48

Tgt Ion:162 Resp: 8856
Ion Ratio Lower Upper
162 100
164 72.7 52.0 78.0
98 35.4 26.6 39.8





#28

Naphthalene

Concen: 2.023 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM019519.D

Acq: 27 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

C09J6

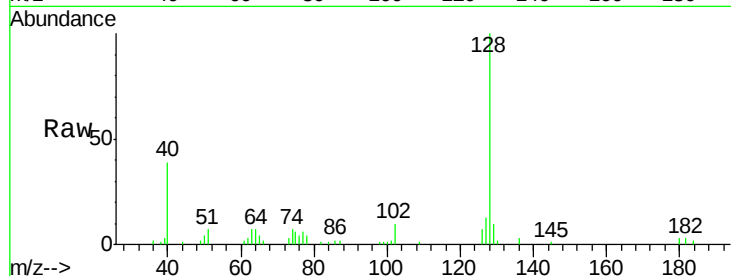
Tgt Ion:128 Resp: 43922

Ion Ratio Lower Upper

128 100

129 9.6 8.3 12.5

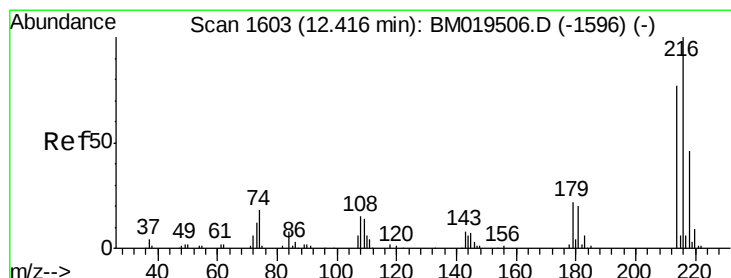
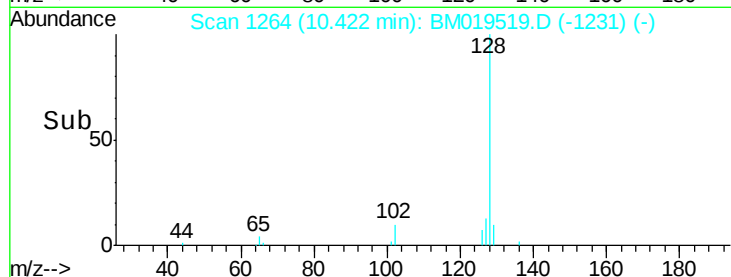
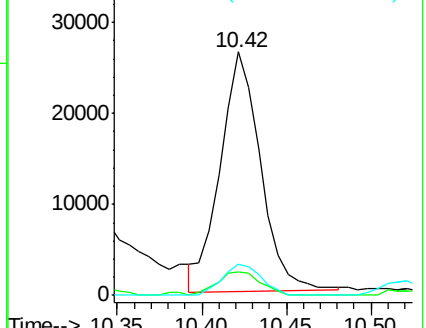
127 12.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 35.016 ng/ul

RT: 12.41 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM019519.D

Acq: 27 Mar 2019 23:48

Tgt Ion:216 Resp: 255739

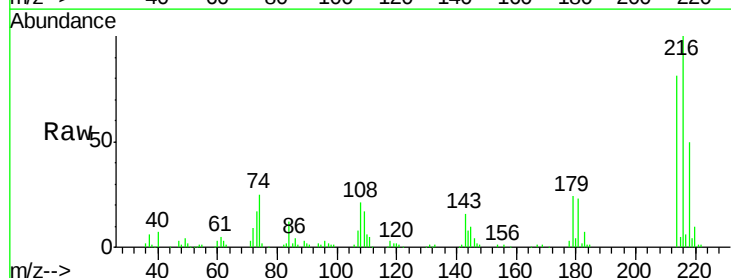
Ion Ratio Lower Upper

216 100

214 81.3 64.1 96.1

179 23.9 14.5 21.7#

108 21.5 10.4 15.6#

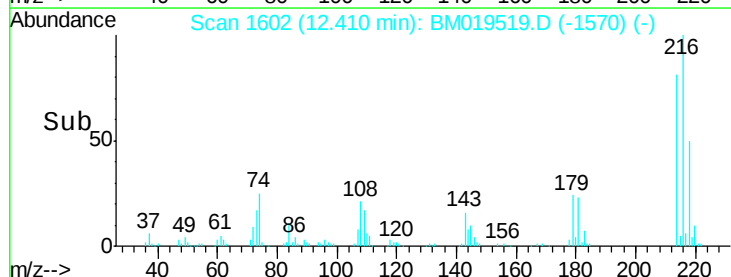
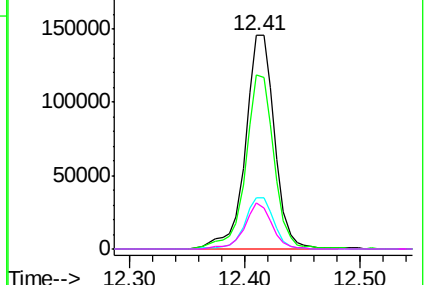


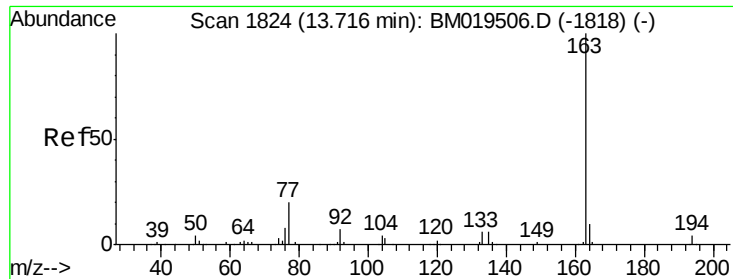
Abundance Ion 216.00 (215.70 to 216.70): E

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

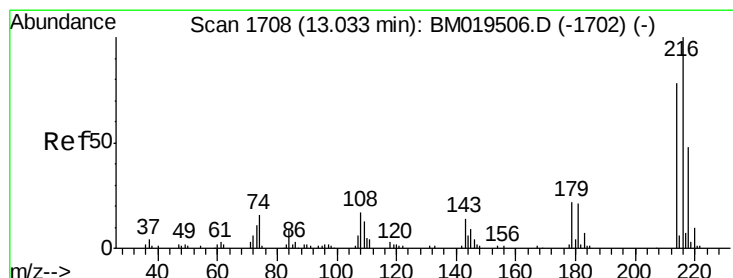
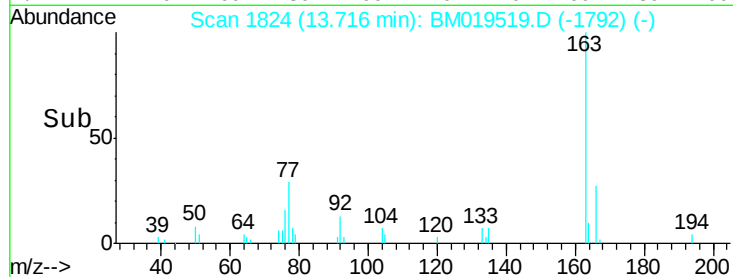
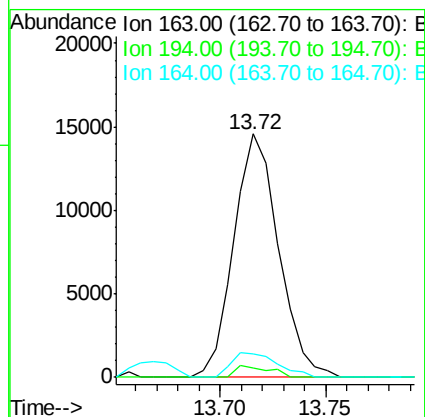
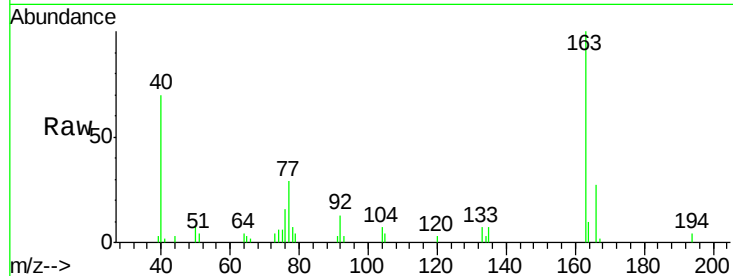




#45
Dimethylphthalate
Concen: 1.157 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM019519.D
Acq: 27 Mar 2019 23:48

Instrument :
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ClientSampleId :
C09J6

Tgt Ion:163 Resp: 21497
Ion Ratio Lower Upper
163 100
194 3.8 4.0 6.0#
164 9.7 8.4 12.6



#73
1,2,3,4-Tetrachlorobenzene
Concen: 46.822 ng/uL
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM019519.D
Acq: 27 Mar 2019 23:48

Tgt Ion:216 Resp: 351388
Ion Ratio Lower Upper
216 100
214 79.7 64.1 96.1
218 47.6 39.4 59.0

