

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
 Data File : BM011583.D
 Acq On : 18 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5234-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Manual Integrations
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 9/19/2017 5:34:25 PM

Quant Time: Sep 27 14:45:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 03:50:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	425420	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1745623	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	989268	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2194850	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2248668	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2020490	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	54624	5.78	ng/uL	0.00
5) Phenol-d5	7.12	99	244253	5.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	863044	31.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	725217	23.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	461579	14.47	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	495043	37.36	ng/ul	0.02
22) 2-Nitrophenol-d4	9.86	143	503135	36.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	846338	30.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	59120	1.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2925965	34.99	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3504746	34.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	88221	5.61	ng/ul	0.00
58) Fluorene-d10	15.59	176	2525280	34.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	396817	31.07	ng/ul	0.00
71) Anthracene-d10	17.44	188	3987083	36.89	ng/ul	0.00
79) Pyrene-d10	19.72	212	4424623	42.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3559208	36.96	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.43	88	14665	1.415	ng/uL#	67
6) Phenol	7.15	94	146928	3.623	ng/ul	95
10) 2-Chlorophenol	7.54	128	179556	5.979	ng/ul#	90
20) Nitrobenzene	9.20	77	36167818m	1160.732	ng/ul	
27) 2,4-Dichlorophenol	10.42	162	62806m	2.349	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	305009m	10.394	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	852697	29.155	ng/uL	98

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

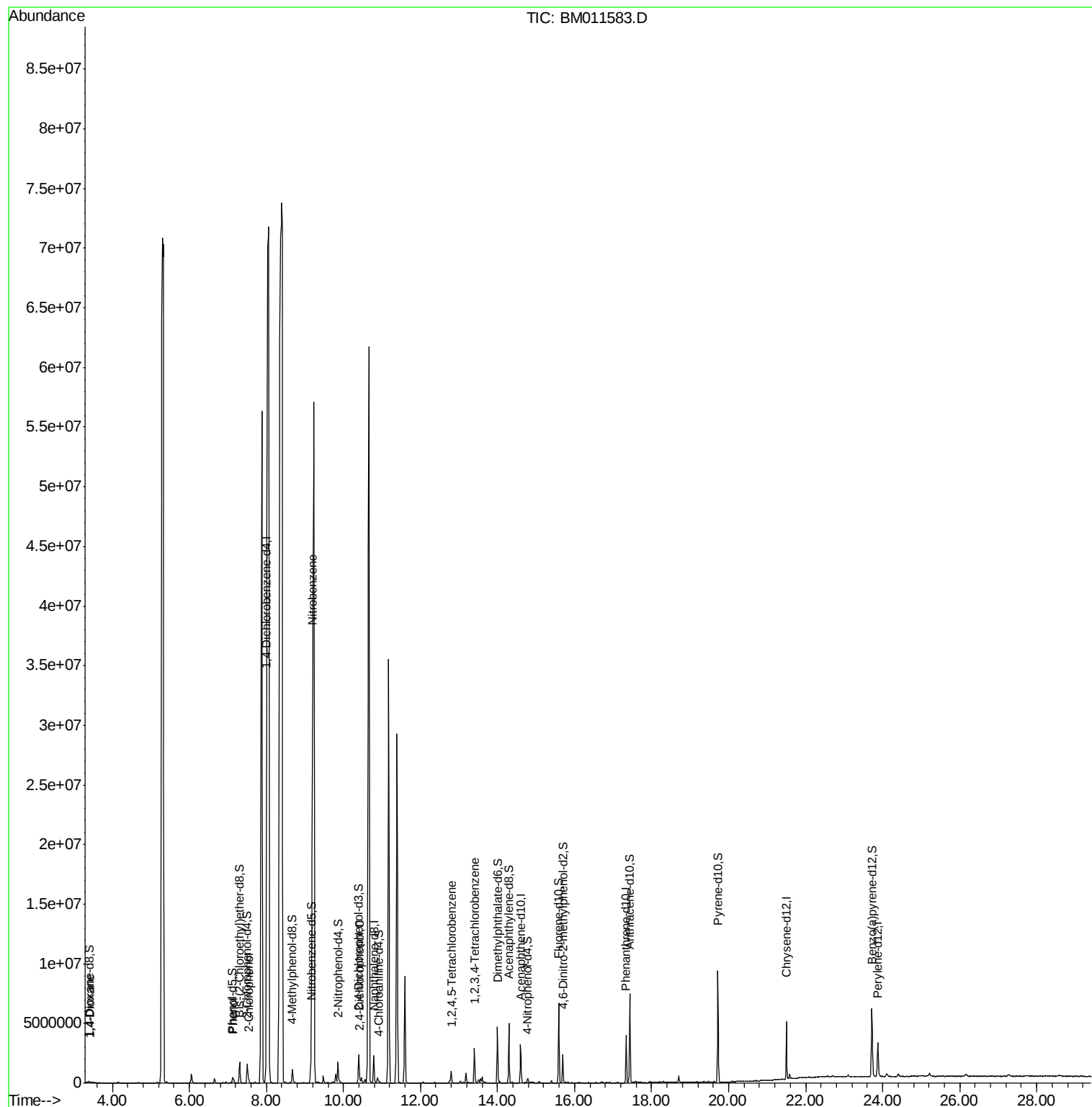
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ALS Vial : 18 Sample Multiplier: 1

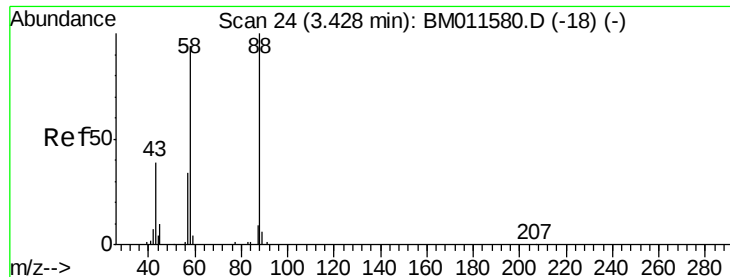
Instrument :
BNA_M
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#2

1,4-Dioxane

Concen: 1.415 ng/uL

RT: 3.43 min Scan# 24

Delta R.T. -0.00 min

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Acq: 18 Sep 2017 23:38

Instrument :

BNA_M

ClientSampled :

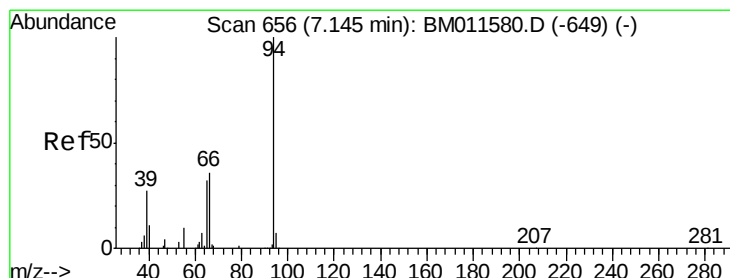
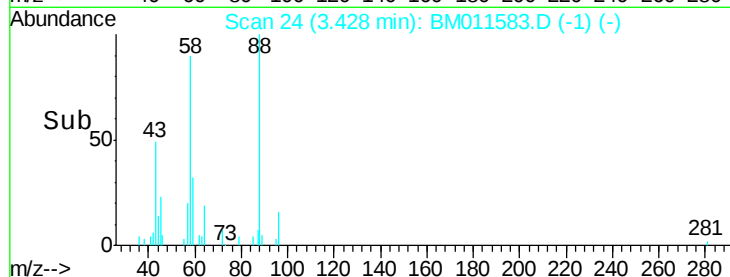
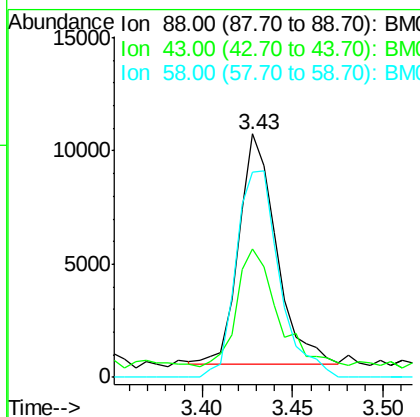
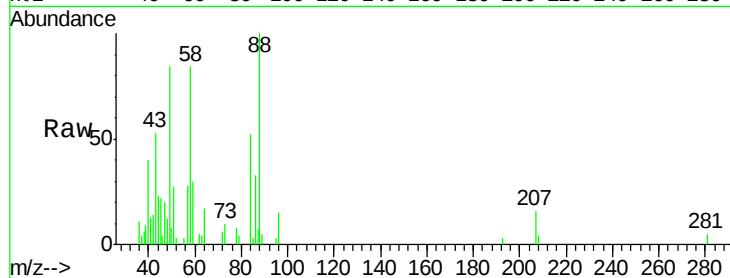
C0AB7

Tgt Ion:	88	Resp:	14665
Ion Ratio	Lower	Upper	
88	100		
43	52.8	29.0	43.4#
58	84.4	45.9	68.9#

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#6

Phenol

Concen: 3.623 ng/uL

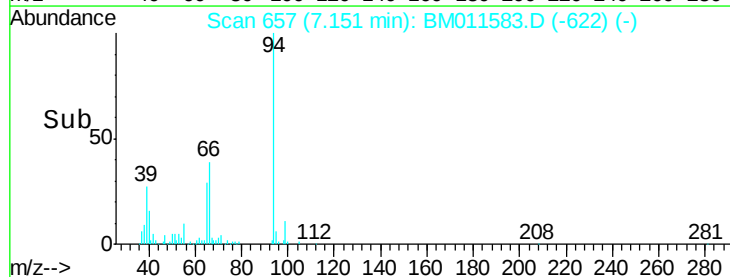
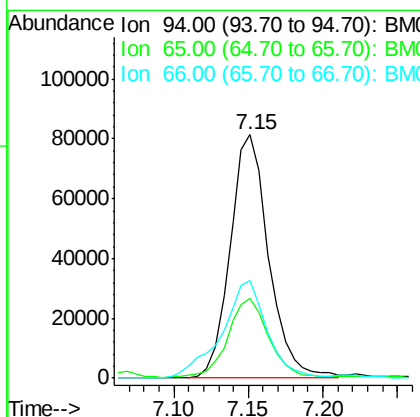
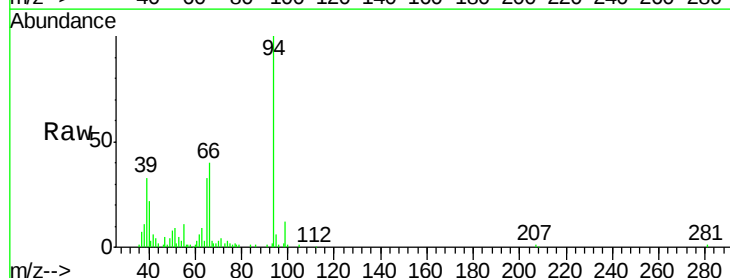
RT: 7.15 min Scan# 657

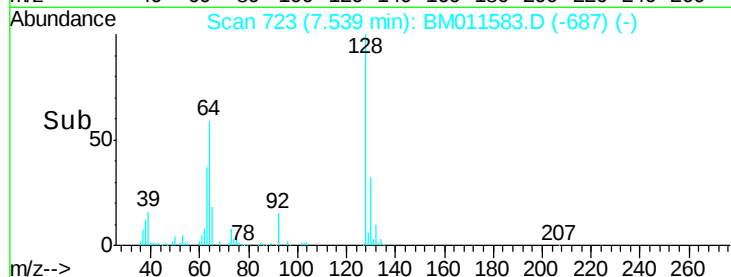
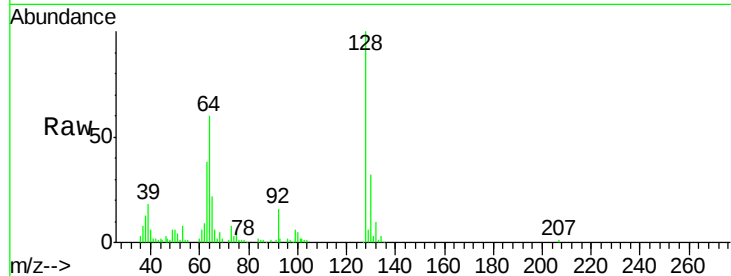
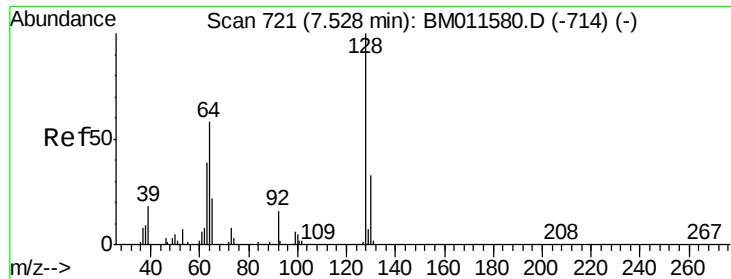
Delta R.T. 0.01 min

Lab File: BM011583.D

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Tgt Ion:	94	Resp:	146928
Ion Ratio	Lower	Upper	
94	100		
65	33.0	23.0	34.6
66	40.0	30.4	45.6





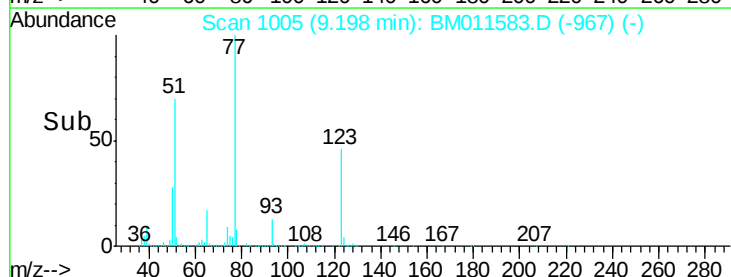
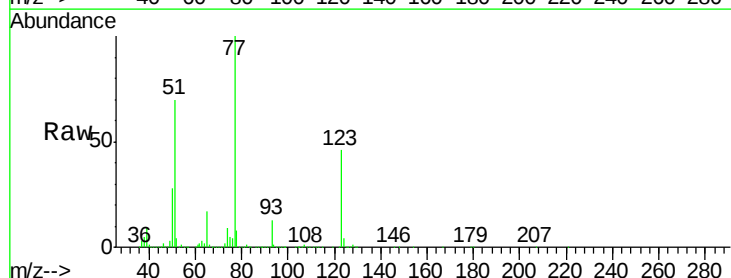
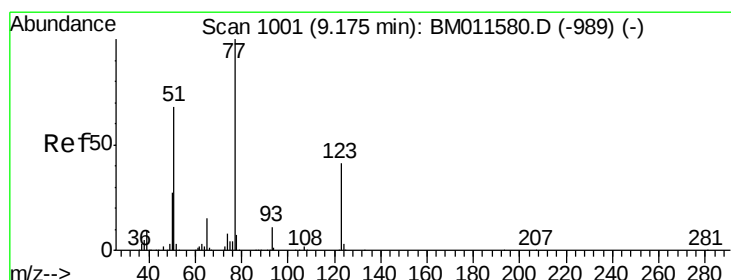
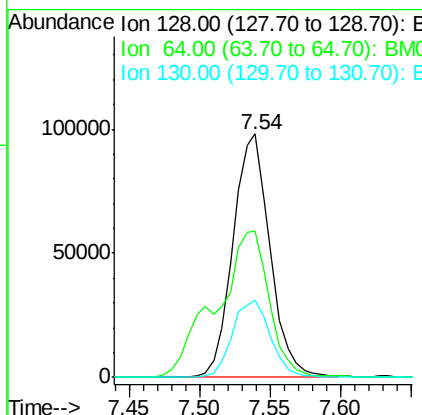
#10
2-Chlorophenol
Concen: 5.979 ng/ul
RT: 7.54 min Scan# 723
Delta R.T. 0.01 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	179556		
64	59.9	39.8	59.6#	
130	31.5	25.8	38.8	

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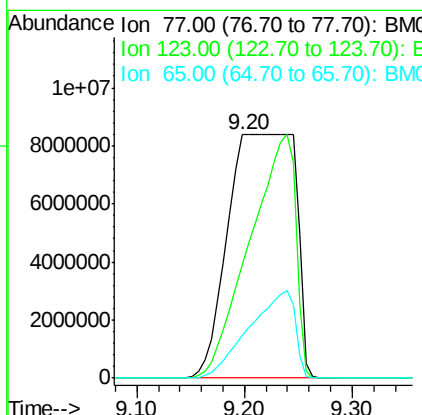
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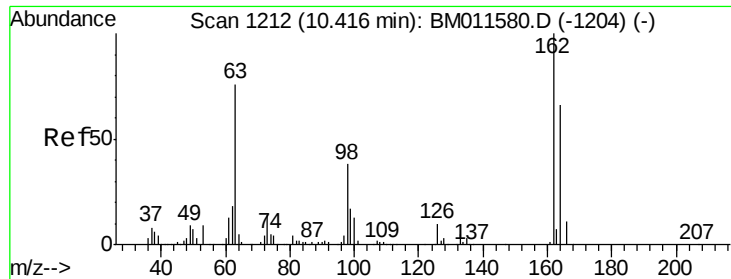
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#20
Nitrobenzene
Concen: 1160.732 ng/ul m
RT: 9.20 min Scan# 1005
Delta R.T. 0.02 min
Lab File: BM011583.D
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Tgt Ion	Ratio	Resp	Lower	Upper
77	100	36167818		
123	46.5	31.8	47.8	
65	17.3	10.6	16.0#	





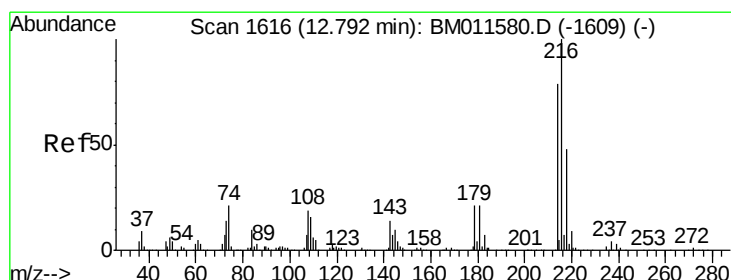
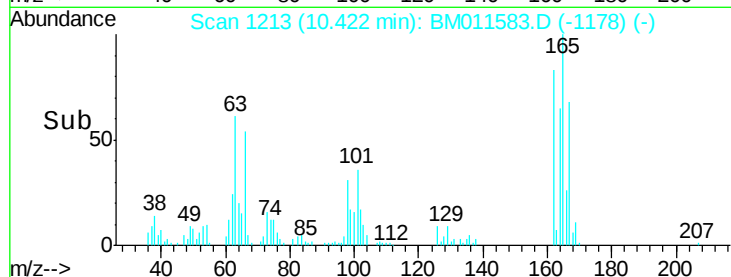
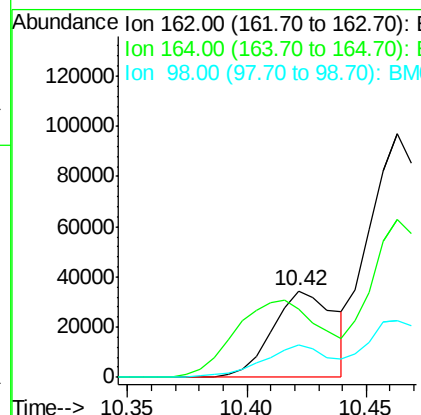
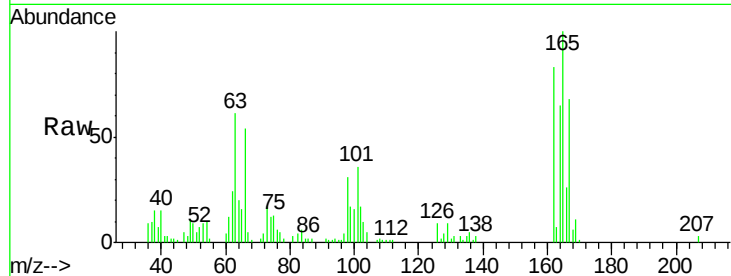
#27
2,4-Dichlorophenol
Concen: 2.349 ng/ul m
RT: 10.42 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion	Ratio	Lower	Upper
162	100		
164	79.1	52.0	78.0#
98	37.6	26.6	39.8

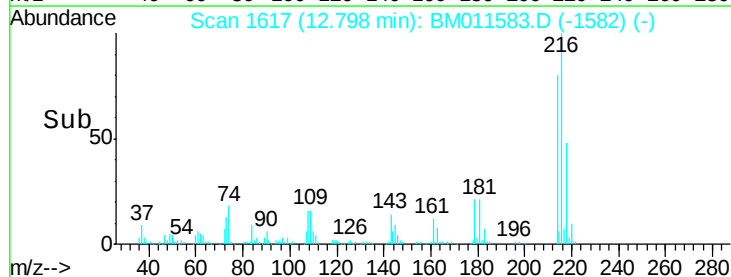
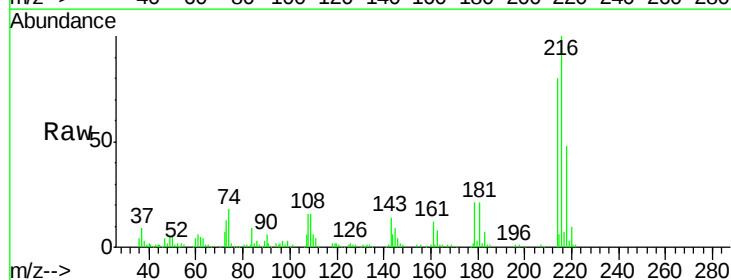
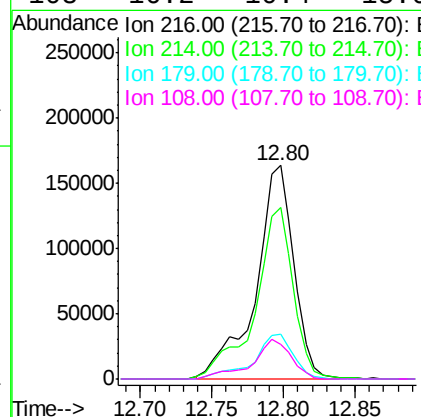
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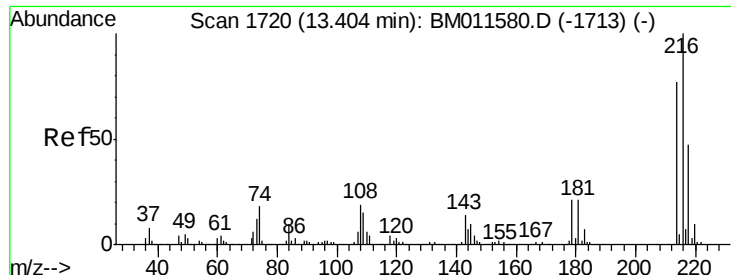
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 10.394 ng/ul m
RT: 12.80 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BM011583.D
Acq: 18 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.1	96.1
179	21.0	14.5	21.7
108	16.2	10.4	15.6#





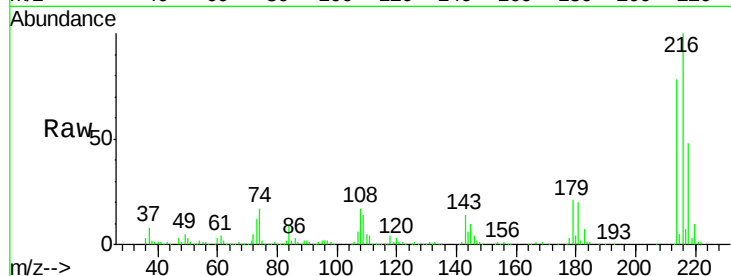
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 29.155 ng/uL
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BM011583.D
 Acq: 18 Sep 2017 23:38

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.1	64.1	96.1
218	47.6	39.4	59.0

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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

