

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
 Data File : BM011585.D
 Acq On : 19 Sep 2017 00:51
 Operator : SJ/JU
 Sample : I5234-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

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 9/19/2017 5:34:27 PM

Quant Time: Sep 27 14:50:47 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	7.98	152	423945	20.00	ng/ul	0.01
18) Naphthalene-d8	10.78	136	1783875	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1040979	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2289905	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2334211	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2054240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	55877	5.93	ng/uL	0.00
5) Phenol-d5	7.12	99	238317	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	903570	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	757134	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	464123	14.60	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	497277	36.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	514500	36.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	864312	30.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	67155	2.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	3257513	37.01	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3811700	35.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	78978	4.78	ng/ul	0.00
58) Fluorene-d10	15.59	176	2828920	37.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	459066	34.45	ng/ul	0.00
71) Anthracene-d10	17.44	188	4773909	42.34	ng/ul	0.00
79) Pyrene-d10	19.72	212	5279489	48.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	4265247	43.57	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.15	94	393222	9.731	ng/ul	95
10) 2-Chlorophenol	7.53	128	533129	17.814	ng/ul#	89
20) Nitrobenzene	9.18	77	3520109	110.548	ng/ul	96
27) 2,4-Dichlorophenol	10.42	162	64416m	2.358	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	479387	15.525	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1024036	33.559	ng/uL	98
74) Pentachlorobenzene	14.92	250	42461	1.372	ng/uL	94

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

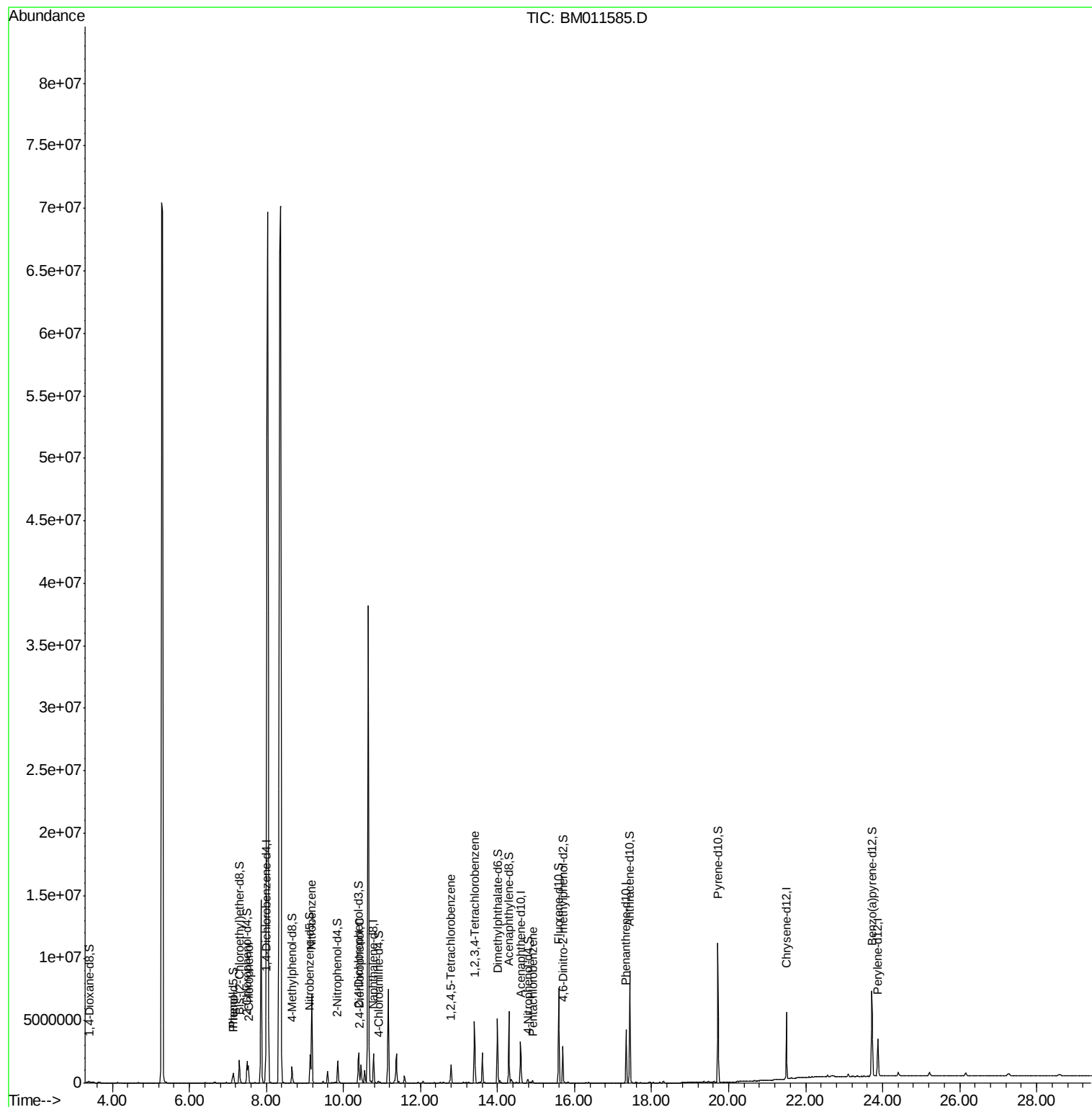
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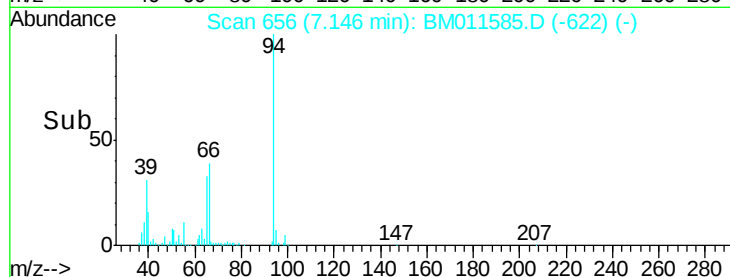
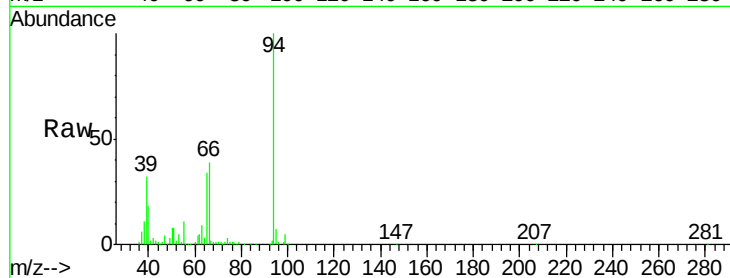
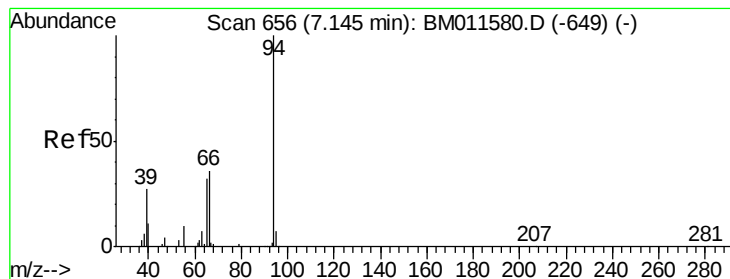
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 19 03:50:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 9.731 ng/ul

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

Tgt Ion:	94	Resp:	393222
Ion Ratio	Lower	Upper	
94	100		
65	33.7	23.0	34.6
66	38.9	30.4	45.6

Instrument :

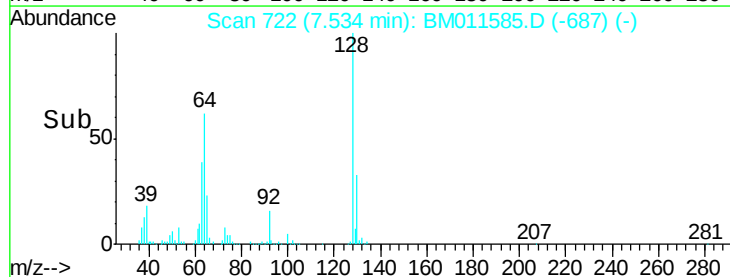
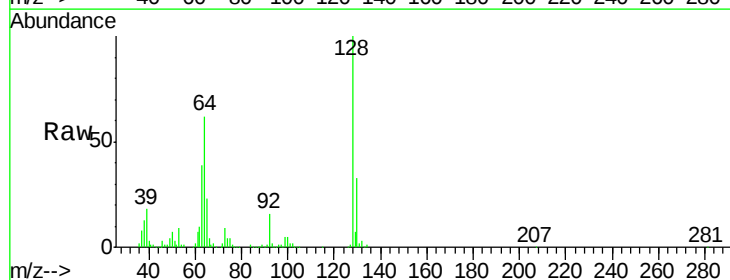
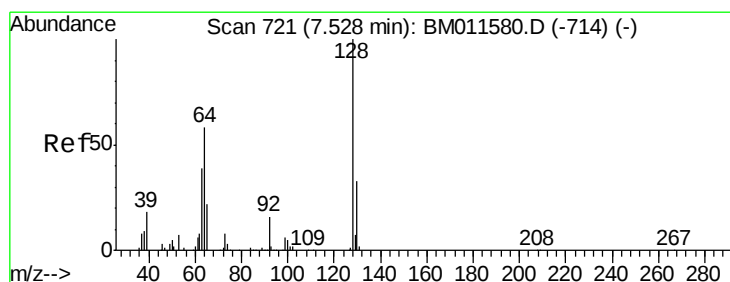
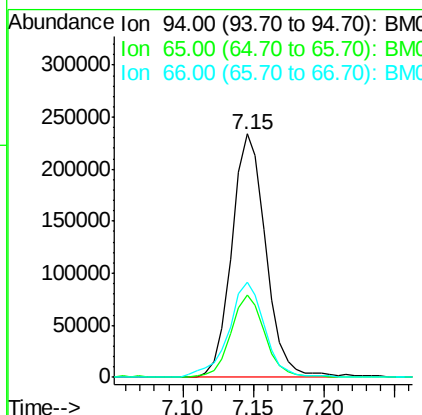
BNA_M

ClientSampleId :

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#10

2-Chlorophenol

Concen: 17.814 ng/ul

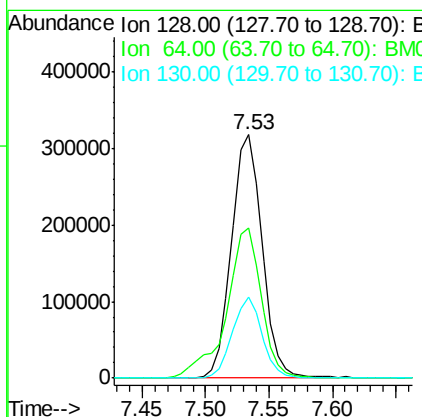
RT: 7.53 min Scan# 722

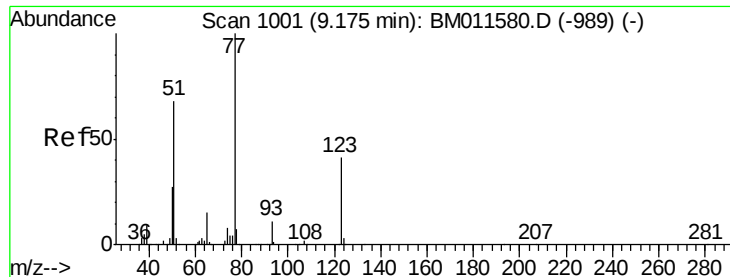
Delta R.T. 0.01 min

Lab File: BM011585.D

Acq: 19 Sep 2017 00:51

Tgt Ion:	128	Resp:	533129
Ion Ratio	Lower	Upper	
128	100		
64	61.8	39.8	59.6#
130	33.2	25.8	38.8





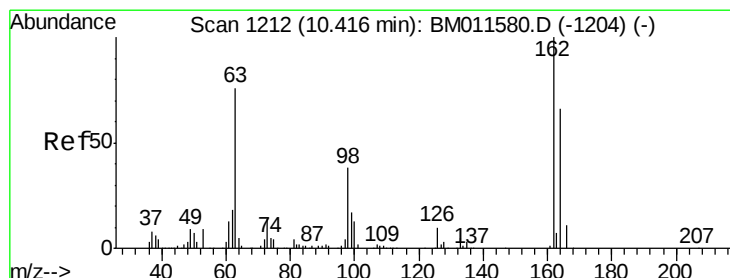
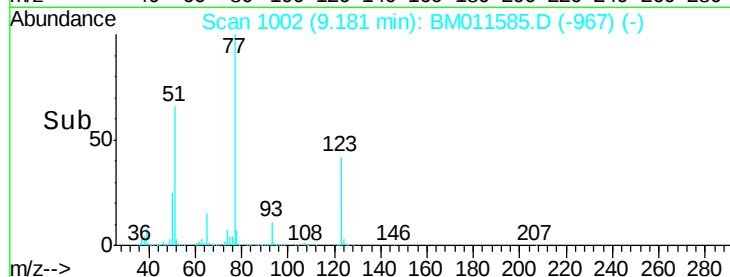
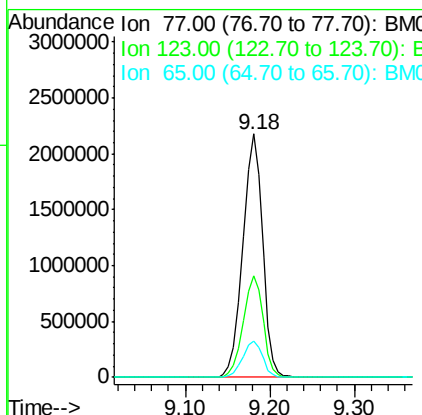
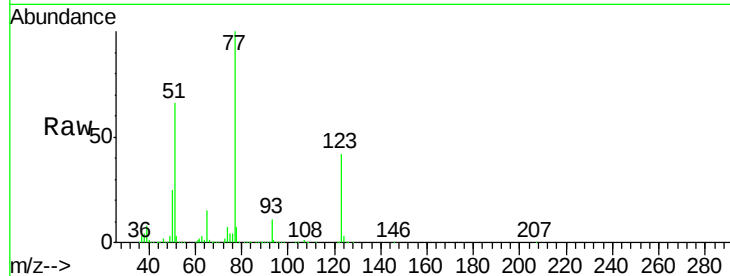
#20
Nitrobenzene
Concen: 110.548 ng/ul
RT: 9.18 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BM011585.D
Acq: 19 Sep 2017 00:51

Instrument :
BNA_M
ClientSampled :
C0AB9

Tgt Ion: 77 Resp: 3520109
Ion Ratio Lower Upper
77 100
123 41.8 31.8 47.8
65 15.1 10.6 16.0

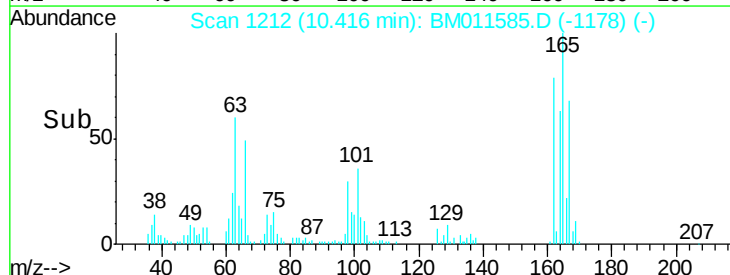
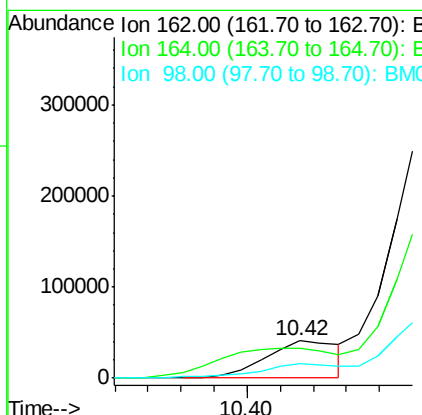
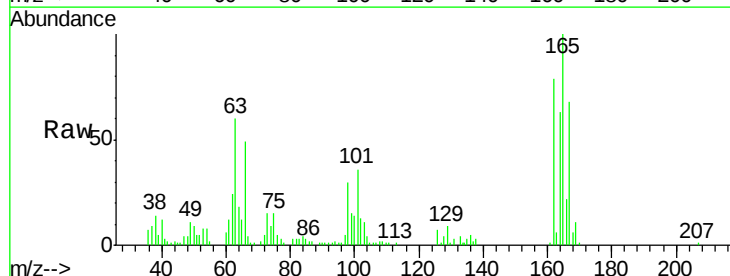
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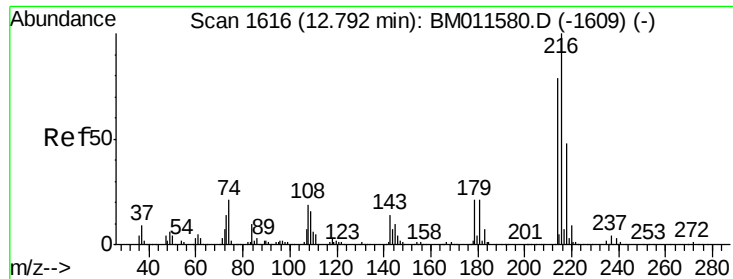
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#27
2,4-Dichlorophenol
Concen: 2.358 ng/ul m
RT: 10.42 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BM011585.D
Acq: 19 Sep 2017 00:51

Tgt Ion: 162 Resp: 64416
Ion Ratio Lower Upper
162 100
164 80.3 52.0 78.0#
98 38.6 26.6 39.8





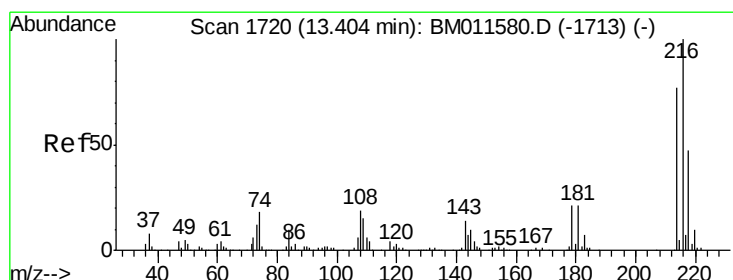
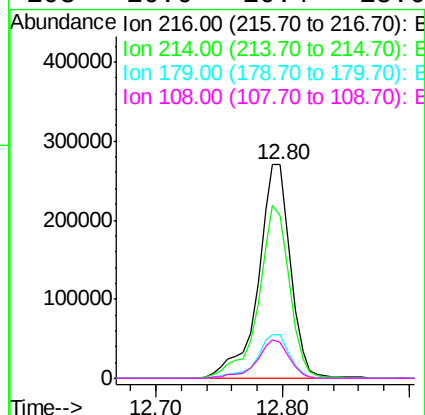
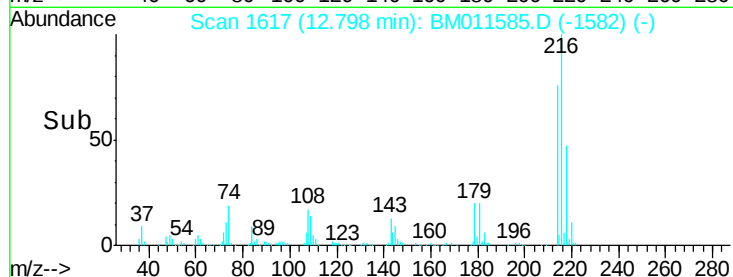
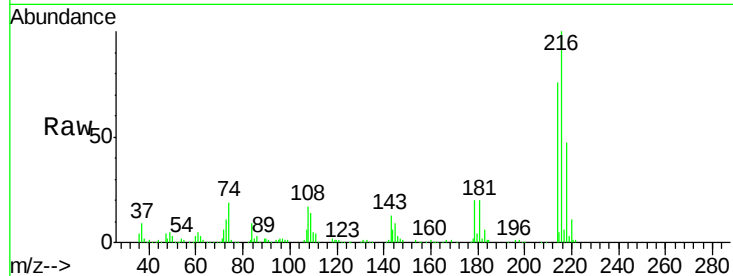
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.525 ng/uL
 RT: 12.80 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

Instrument :
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	64.1	96.1
179	20.2	14.5	21.7
108	16.6	10.4	15.6

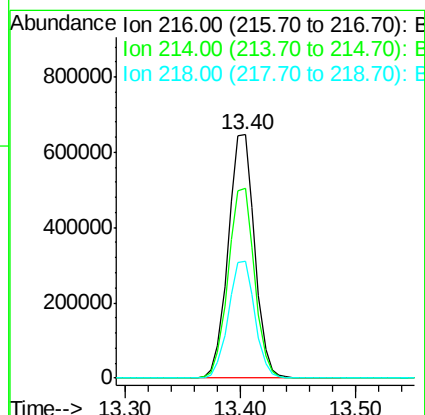
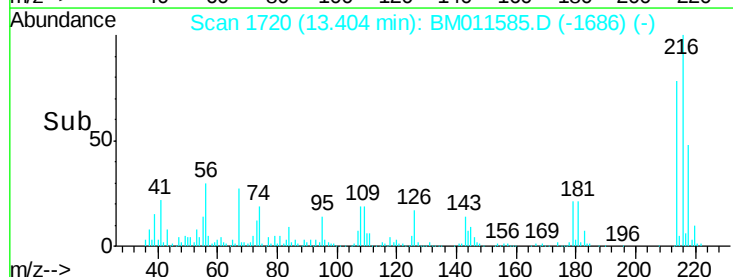
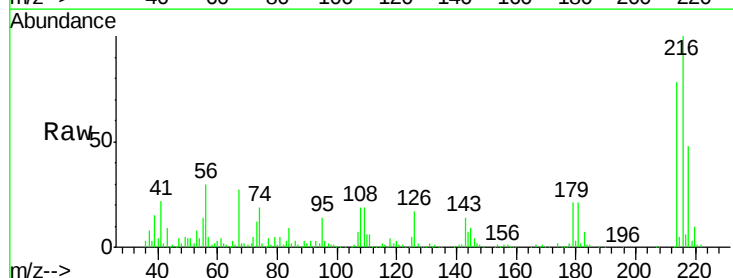
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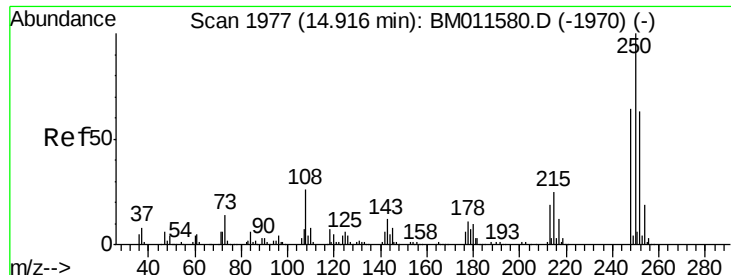
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 33.559 ng/uL
 RT: 13.40 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.1	96.1
218	48.0	39.4	59.0





#74
 Pentachlorobenzene
 Concen: 1.372 ng/uL
 RT: 14.92 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BM011585.D
 Acq: 19 Sep 2017 00:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Tgt Ion:	250	Resp:	42461
Ion Ratio	Lower	Upper	
250	100		
248	62.7	51.4	77.2
252	69.7	49.8	74.6

Manual Integrations
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