

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009254.D
 Acq On : 14 Mar 2017 14:10
 Operator : SJ/MA
 Sample : I2235-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK1

Manual Integrations
 APPROVED

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 3/15/2017 4:05:14 PM

Quant Time: Mar 15 12:15:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 01:51:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	143248m	20.00	ng/ul	0.05
18) Naphthalene-d8	10.70	136	491166	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.52	164	329097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	878234	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1397557	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1459923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	12337	3.79	ng/uL	0.00
5) Phenol-d5	7.03	99	58496	3.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	237643	23.54	ng/ul	0.01
9) 2-Chlorophenol-d4	7.41	132	173558	18.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	122427	9.90	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	121843	34.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	135252	34.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	237410	28.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	2469	0.25	ng/ul	0.02
43) Dimethylphthalate-d6	13.92	166	961467	38.47	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1146682	39.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	28459	5.74	ng/ul	0.00
57) Fluorene-d10	15.51	176	863197	38.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	149466	28.45	ng/ul	0.00
70) Anthracene-d10	17.36	188	1514410	36.43	ng/ul	0.00
78) Pyrene-d10	19.66	212	2000113	35.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2398803	35.91	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	9.09	77	110295	9.43	ng/ul#	82
28) Naphthalene	10.75	128	102469	4.07	ng/ul#	94
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	521698	52.71	ng/ul	97
44) Dimethylphthalate	13.97	163	53493	2.13	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	1958169	189.79	ng/uL	99
73) Pentachlorobenzene	14.83	250	83477	7.54	ng/uL	96

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

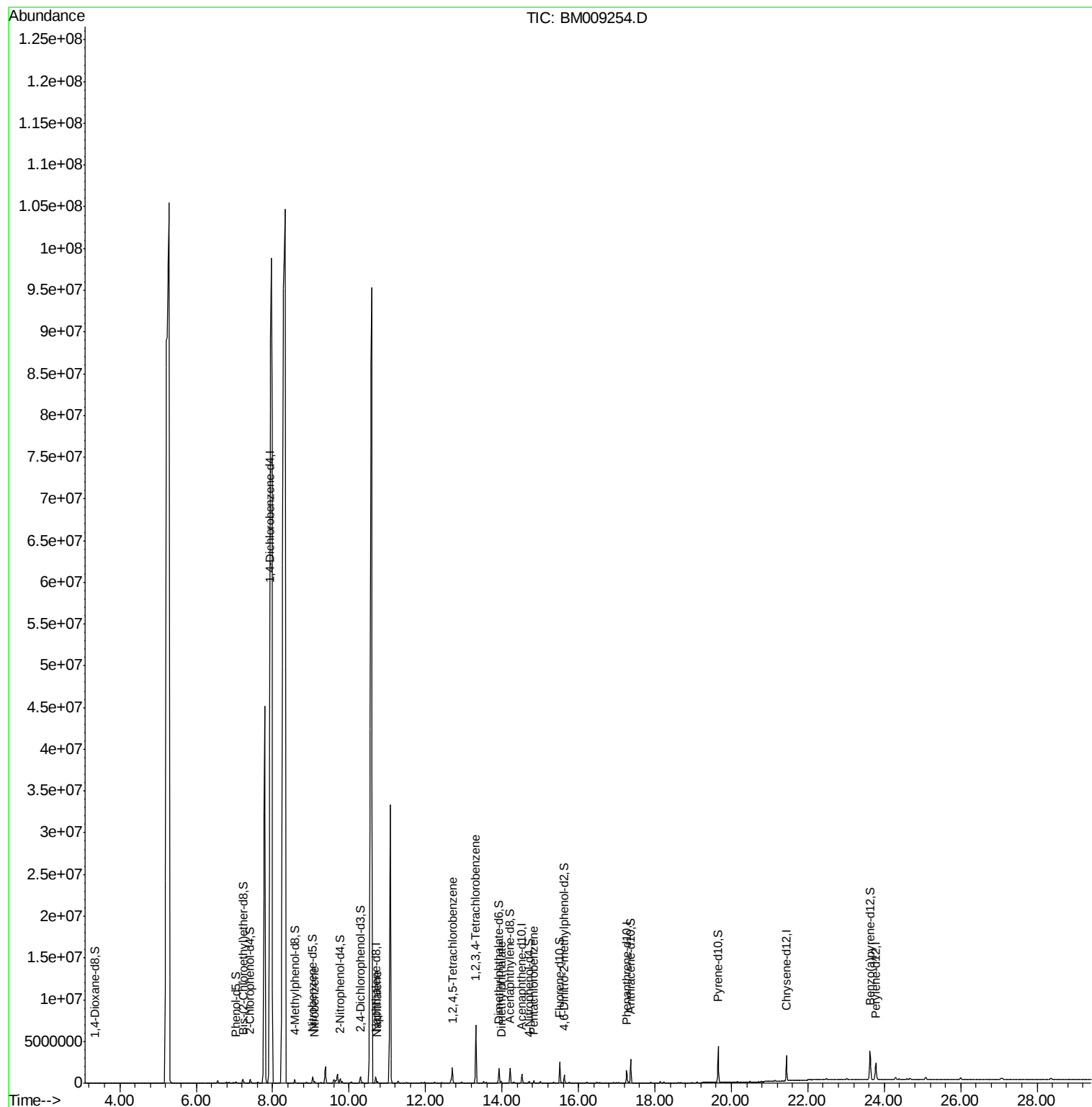
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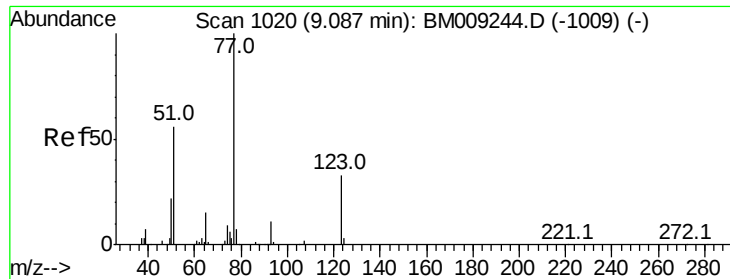
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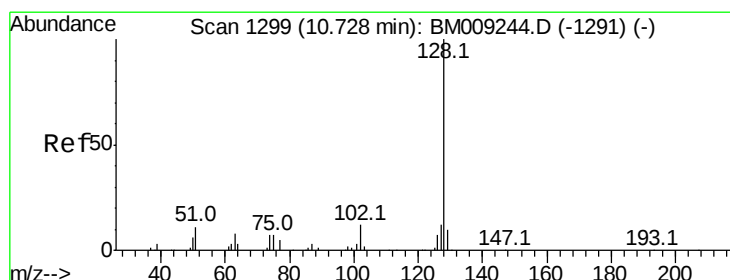
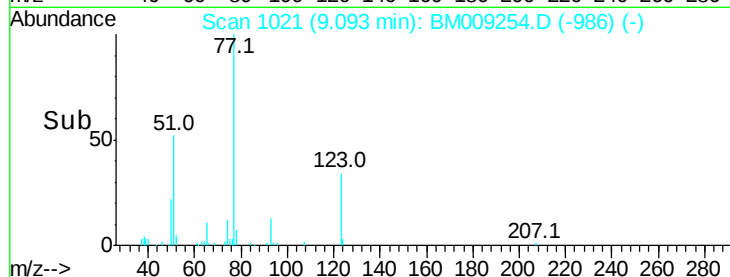
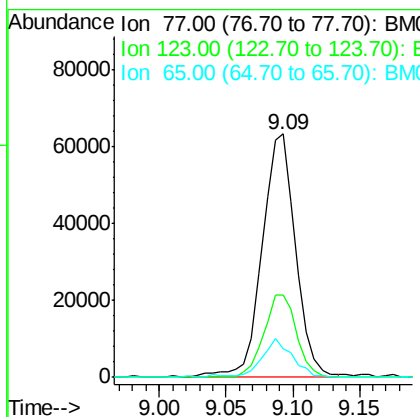
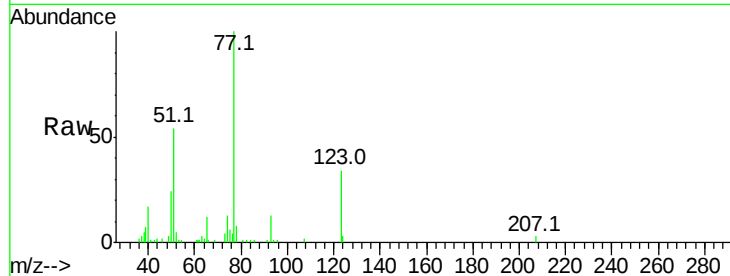
#20
Nitrobenzene
Concen: 9.43 ng/ul
RT: 9.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BM009254.D
Acq: 14 Mar 2017 14:10

Instrument :
BNA_M
ClientSampleId :
C0BK1

Tot Ion	Ratio	Lower	Upper
77	100		
123	33.7	39.0	58.4#
65	12.0	10.4	15.6

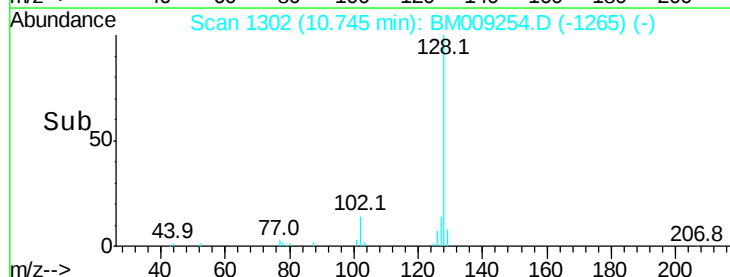
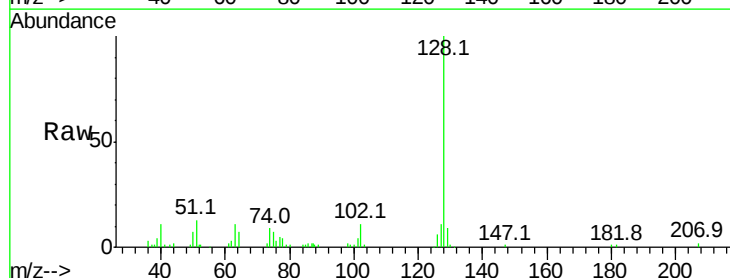
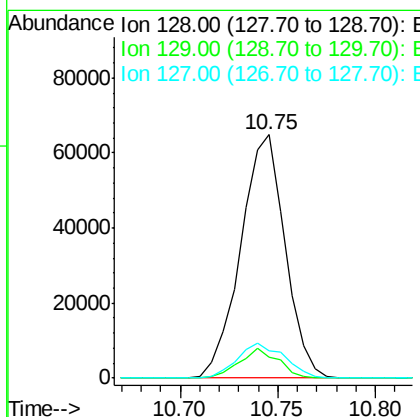
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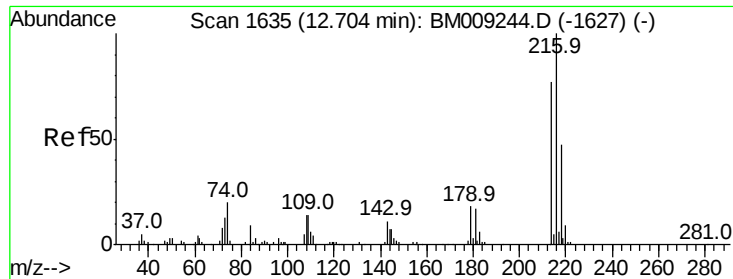
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#28
Naphthalene
Concen: 4.07 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BM009254.D
Acq: 14 Mar 2017 14:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.8	13.2#
127	11.2	10.5	15.7





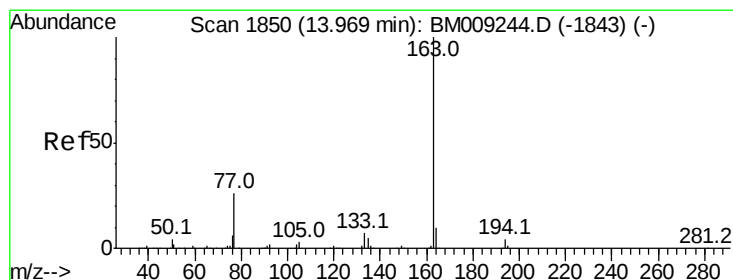
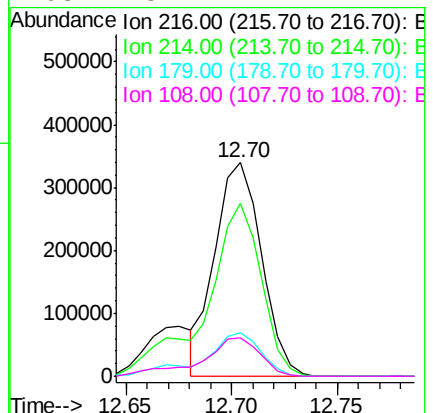
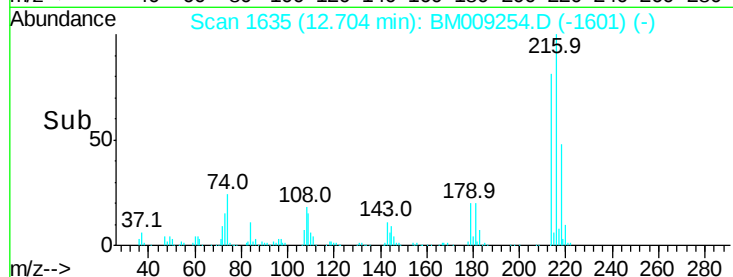
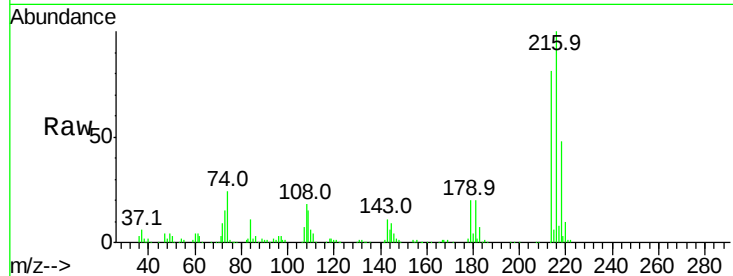
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.71 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BM009254.D
 Acq: 14 Mar 2017 14:10

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
216	100	521698		
214	80.6	62.5	93.7	
179	20.5	18.2	27.2	
108	18.1	14.2	21.2	

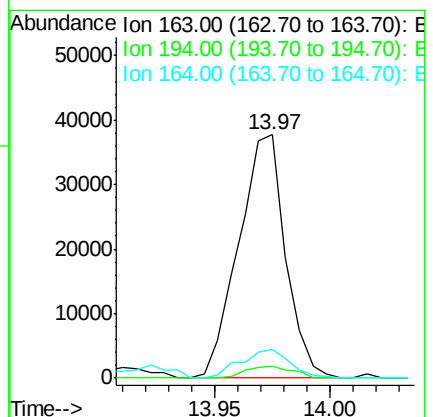
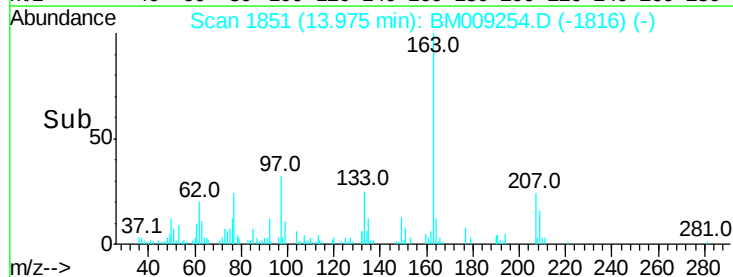
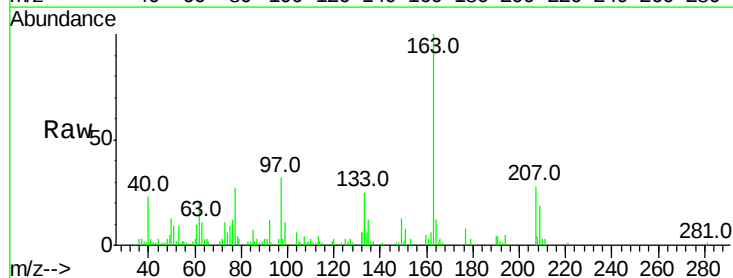
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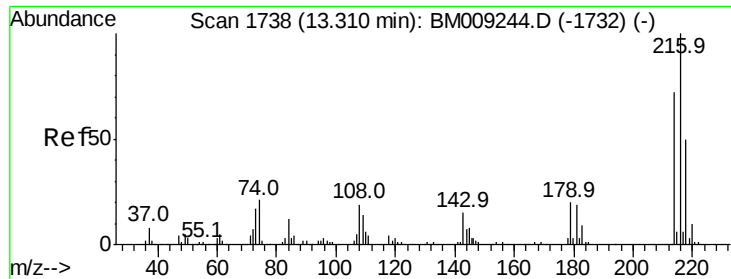
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#44
 Dimethylphthalate
 Concen: 2.13 ng/ul
 RT: 13.97 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BM009254.D
 Acq: 14 Mar 2017 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	53493		
194	4.6	3.2	4.8	
164	11.7	7.8	11.8	





#72

1,2,3,4-Tetrachlorobenzene

Concen: 189.79 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

Instrument :

BNA_M

ClientSampleId :

C0BK1

Tot Ion:216 Resp: 1958169

Ion Ratio Lower Upper

216 100

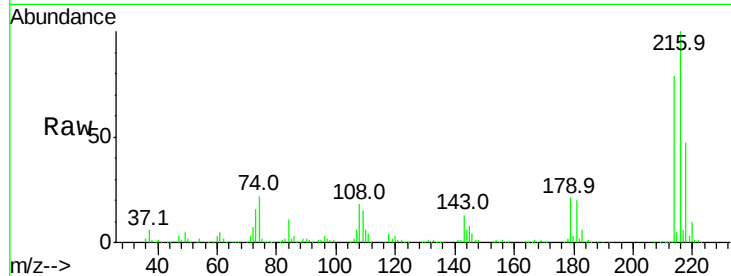
214 78.5 62.5 93.7

218 47.1 38.4 57.6

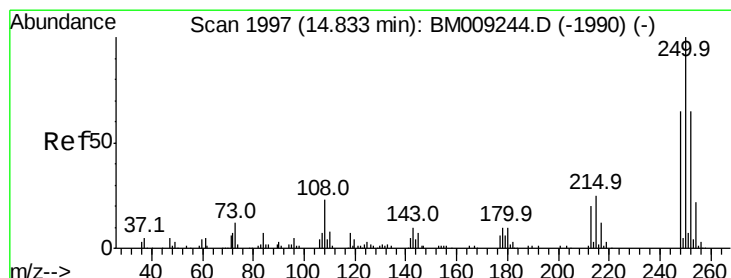
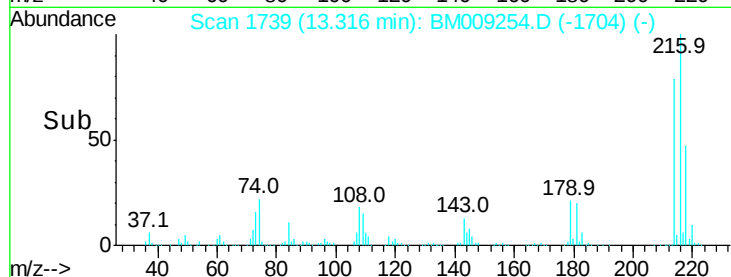
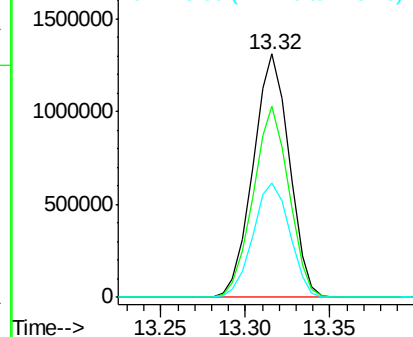
Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 7.54 ng/uL

RT: 14.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

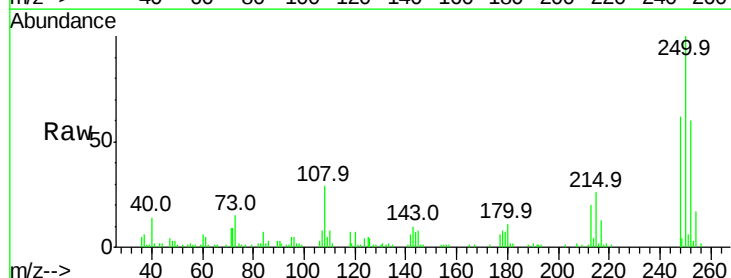
Tgt Ion:250 Resp: 83477

Ion Ratio Lower Upper

250 100

248 65.4 50.6 75.8

252 60.1 51.4 77.0



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

