

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031317\
 Data File : BM009231.D
 Acq On : 13 Mar 2017 23:09
 Operator : SJ/MA
 Sample : I2181-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ1

Quant Time: Mar 14 04:58:26 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 14 04:57:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	134769	20.00	ng/ul	0.02
18) Naphthalene-d8	10.69	136	511789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	353941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	922374	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1330787	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1332639	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	15093	4.93	ng/uL	0.00
5) Phenol-d5	7.03	99	64414	4.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	249060	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	177187	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	125688	10.81	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	127822	34.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	135027	33.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	243679	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	20541	1.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1008938	37.53	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1164975	37.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	25351	4.75	ng/ul	0.00
57) Fluorene-d10	15.51	176	920176	38.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	158178	28.66	ng/ul	0.00
70) Anthracene-d10	17.27	188	922374	21.13	ng/ul	-0.10
78) Pyrene-d10	19.66	212	1959628	36.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2180126	35.76	ng/ul	0.00

Target Compounds

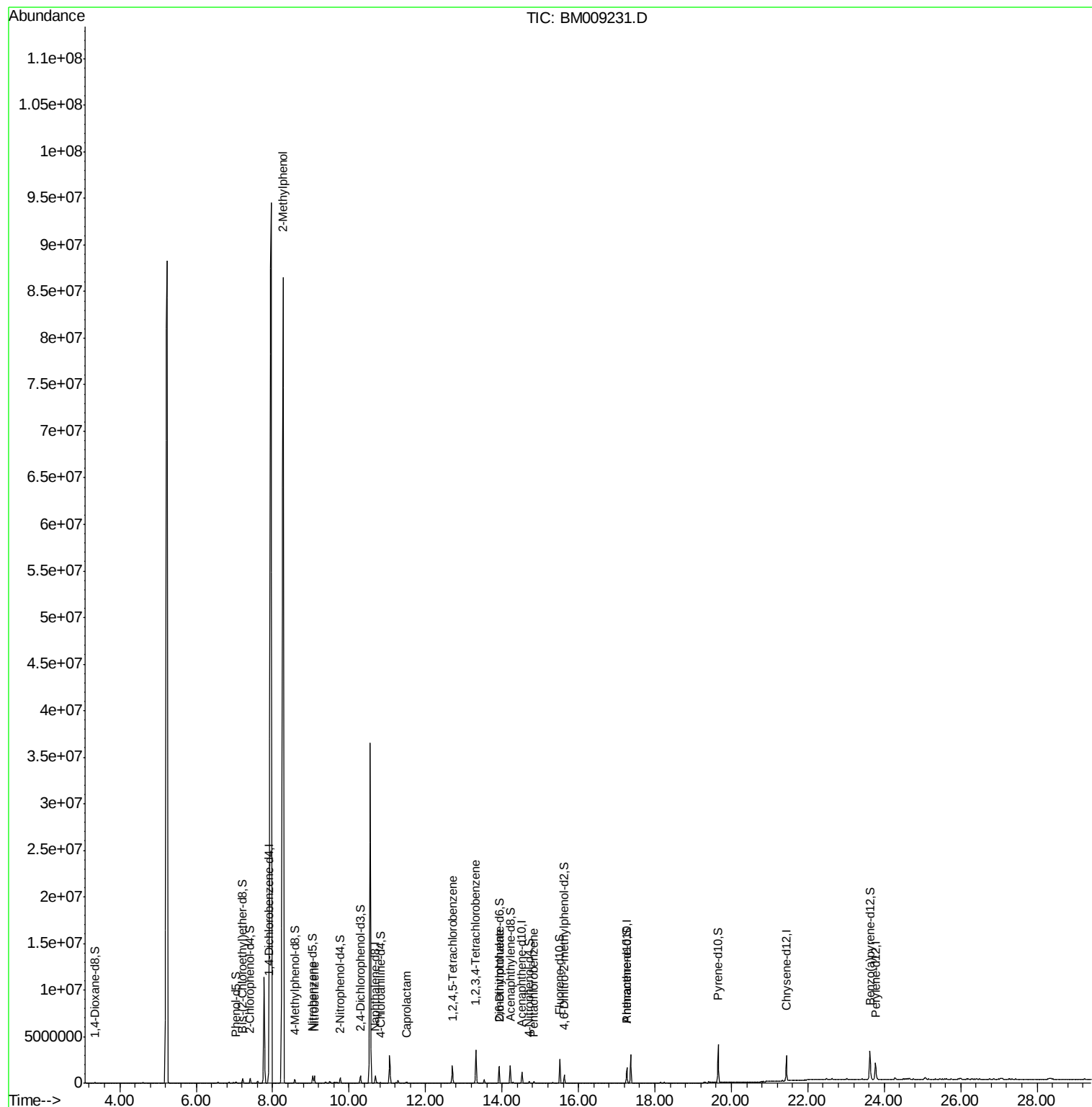
						Qvalue
11) 2-Methylphenol	8.27	108	450892	39.98	ng/ul	91
20) Nitrobenzene	9.09	77	423879	34.78	ng/ul#	79
32) Caprolactam	11.50	113	5192	1.45	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	568790	53.43	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	6936	1.34	ng/ul#	36
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	916729	84.60	ng/uL	99
73) Pentachlorobenzene	14.84	250	37975	3.26	ng/uL	97

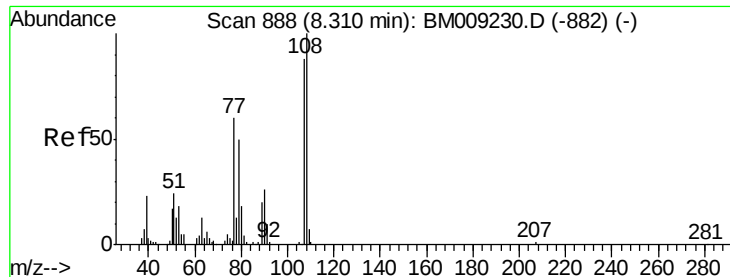
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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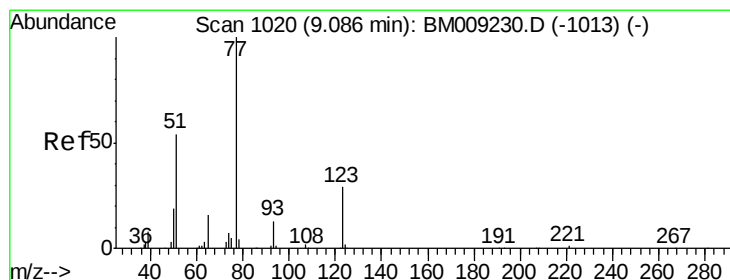
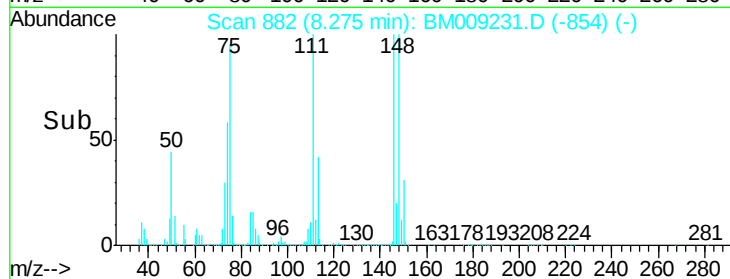
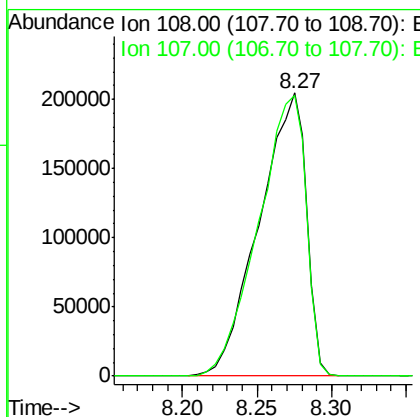
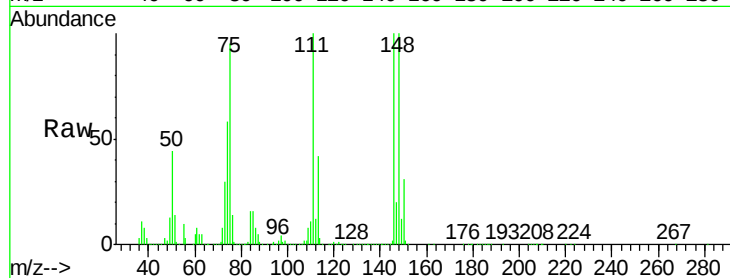




#11
2-Methylphenol
Concen: 39.98 ng/ul
RT: 8.27 min Scan# 882
Delta R.T. -0.04 min
Lab File: BM009231.D
Acq: 13 Mar 2017 23:09

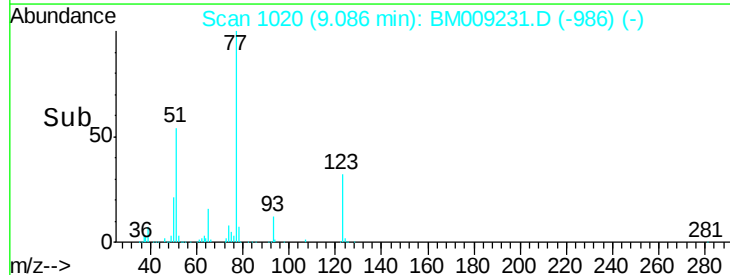
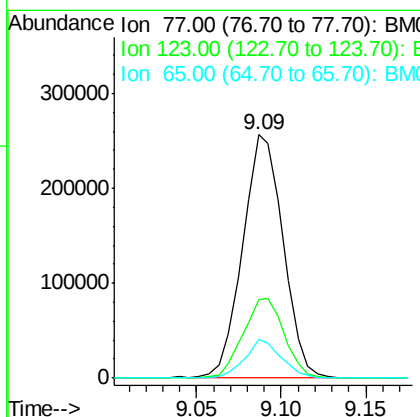
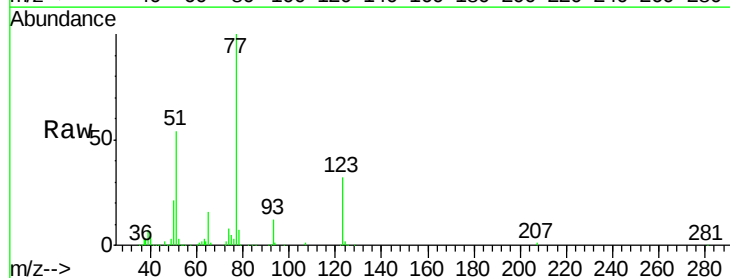
Instrument :
BNA_M
ClientSampleId :
C0BJ1

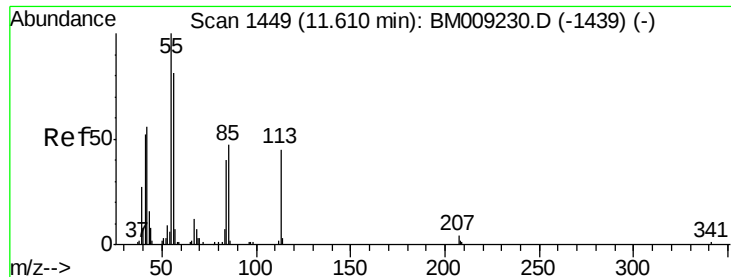
Tgt Ion:108 Resp: 450892
Ion Ratio Lower Upper
108 100
107 99.3 72.4 108.6



#20
Nitrobenzene
Concen: 34.78 ng/ul
RT: 9.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM009231.D
Acq: 13 Mar 2017 23:09

Tgt Ion: 77 Resp: 423879
Ion Ratio Lower Upper
77 100
123 32.0 39.0 58.4#
65 15.9 10.4 15.6#





#32

Caprolactam

Concen: 1.45 ng/ul

RT: 11.50 min Scan# 1431

Delta R.T. -0.11 min

Lab File: BM009231.D

Acq: 13 Mar 2017 23:09

Instrument :

BNA_M

ClientSampleId :

C0BJ1

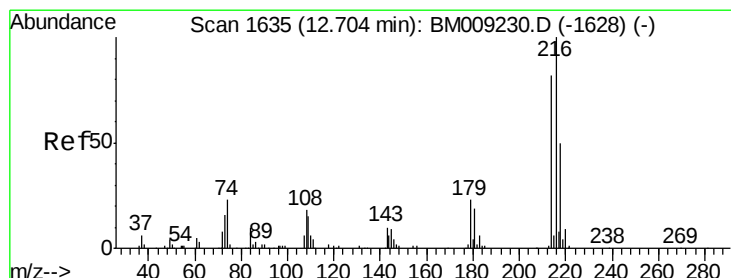
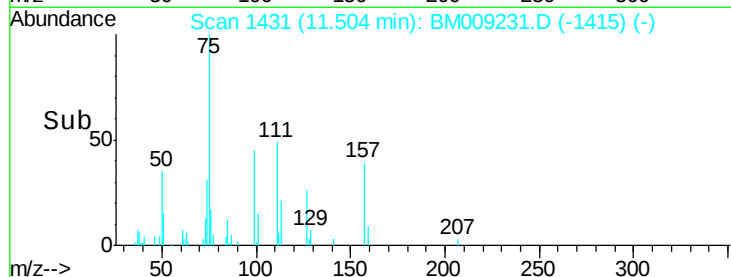
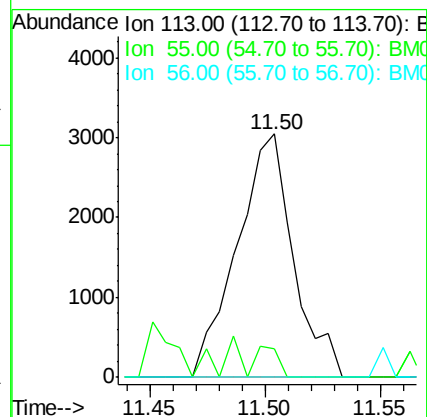
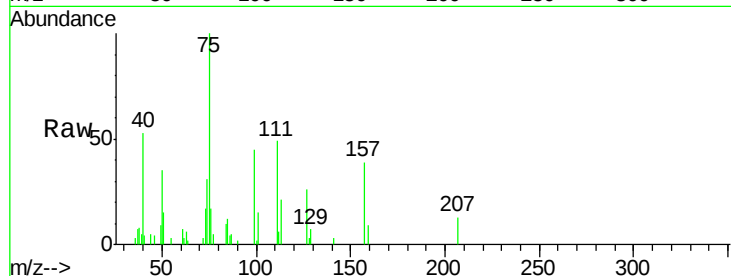
Tgt Ion:113 Resp: 5192

Ion Ratio Lower Upper

113 100

55 11.9 101.9 152.9#

56 0.0 81.2 121.8#



#36

1,2,4,5-Tetrachlorobenzene

Concen: 53.43 ng/ul

RT: 12.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BM009231.D

Acq: 13 Mar 2017 23:09

Tgt Ion:216 Resp: 568790

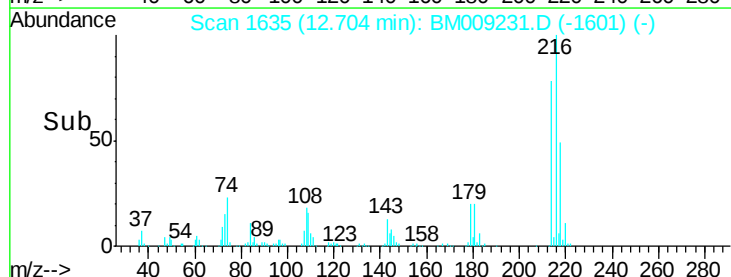
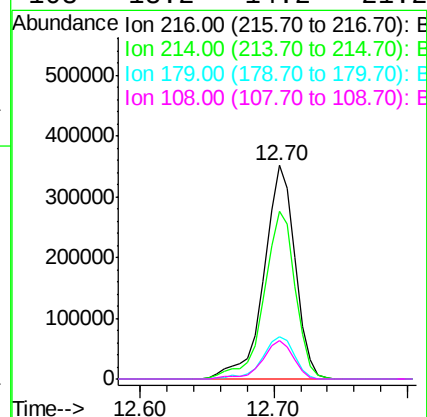
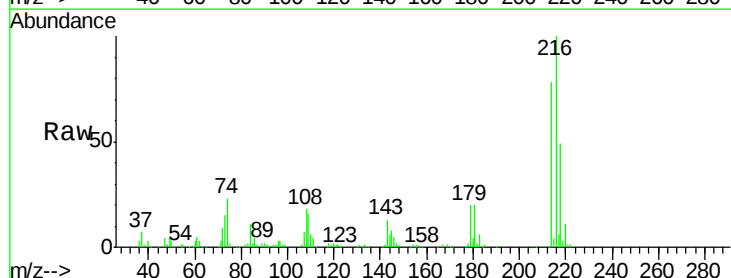
Ion Ratio Lower Upper

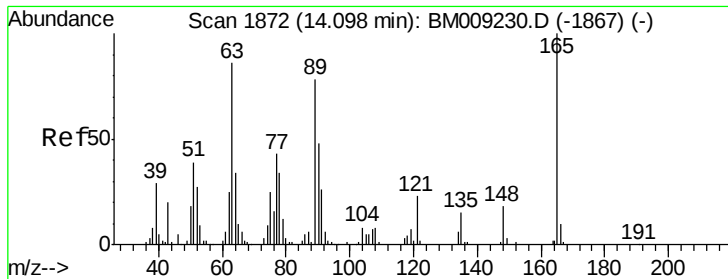
216 100

214 78.3 62.5 93.7

179 20.1 18.2 27.2

108 18.2 14.2 21.2

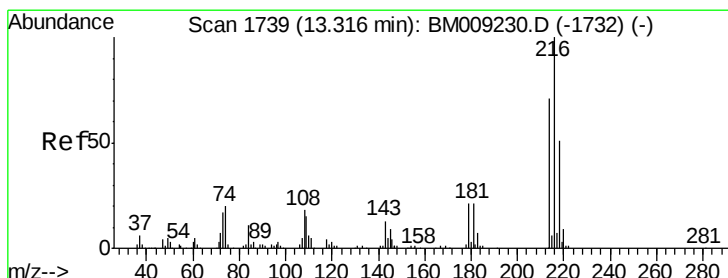
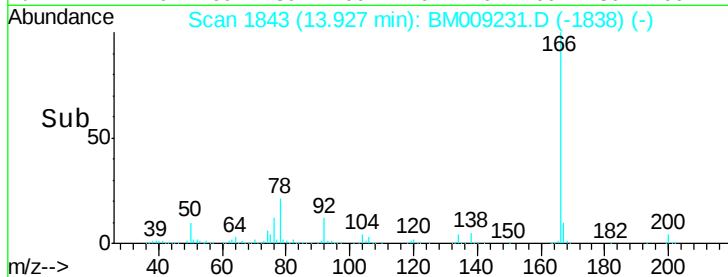
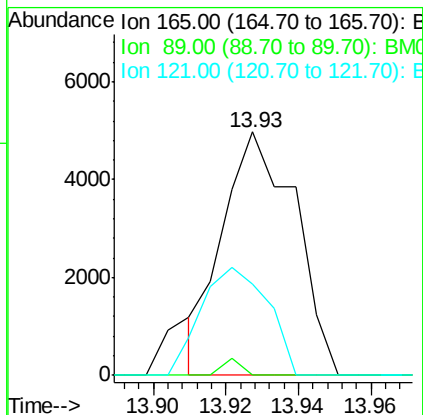
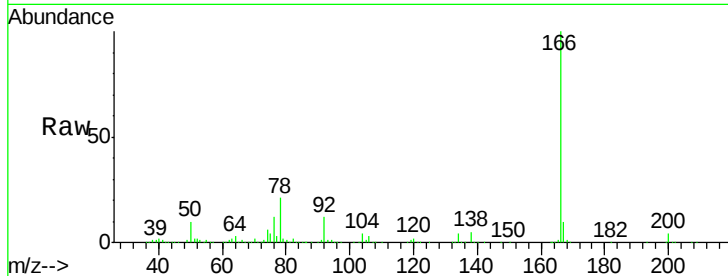




#45
 2,6-Dinitrotoluene
 Concen: 1.34 ng/uL
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.17 min
 Lab File: BM009231.D
 Acq: 13 Mar 2017 23:09

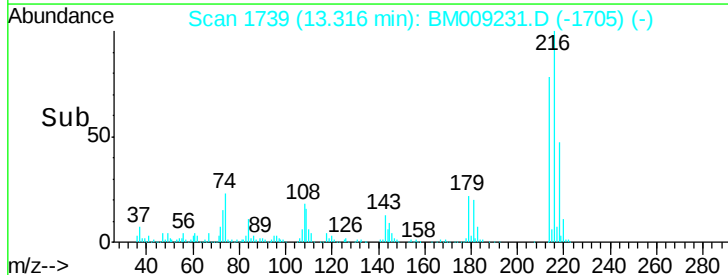
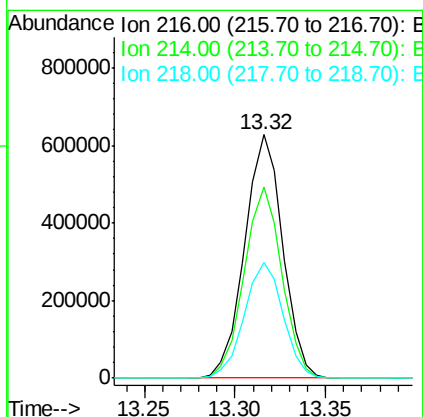
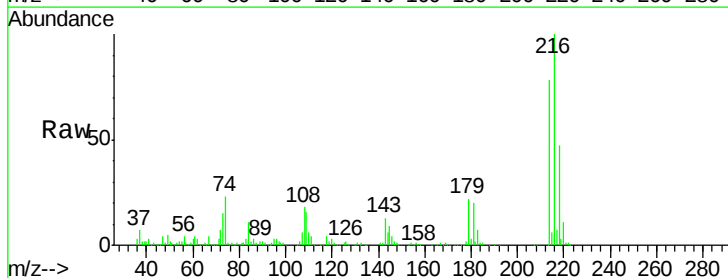
Instrument :
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 C0BJ1

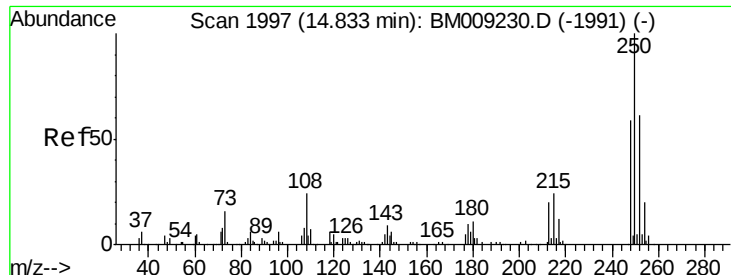
Tgt Ion:165 Resp: 6936
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 37.5 16.6 24.8#



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 84.60 ng/uL
 RT: 13.32 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BM009231.D
 Acq: 13 Mar 2017 23:09

Tgt Ion:216 Resp: 916729
 Ion Ratio Lower Upper
 216 100
 214 78.4 62.5 93.7
 218 47.4 38.4 57.6





#73

Pentachlorobenzene

Concen: 3.26 ng/uL

RT: 14.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BM009231.D

Acq: 13 Mar 2017 23:09

Instrument :

BNA_M

ClientSampleId :

C0BJ1

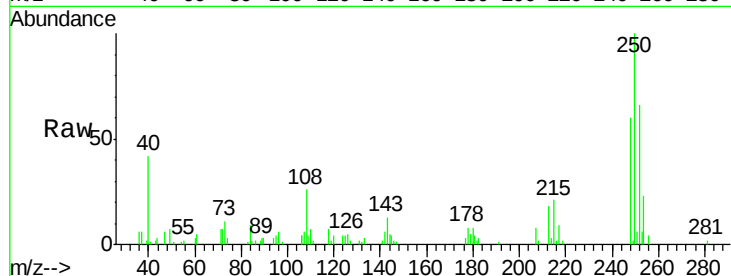
Tgt Ion:250 Resp: 37975

Ion Ratio Lower Upper

250 100

248 60.1 50.6 75.8

252 66.4 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

