

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032817\
 Data File : BM009427.D
 Acq On : 27 Mar 2017 23:58
 Operator : SJ/MA
 Sample : I2358-11DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9DL

Quant Time: Mar 28 02:25:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 02:24:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	151413	20.00	ng/ul	0.01
18) Naphthalene-d8	10.66	136	535900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	289613	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	662648	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	879924	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	860909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	896	0.23	ng/uL	0.01
5) Phenol-d5	7.01	99	12410	0.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	47975	4.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	35710	3.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	25756	2.52	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	23075	5.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	23512	5.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	43714	5.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1265	0.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	159837	7.85	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	174817	6.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2740	0.73	ng/ul	0.02
57) Fluorene-d10	15.49	176	139729	7.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	18314	4.37	ng/ul	0.00
70) Anthracene-d10	17.34	188	209582	6.63	ng/ul	0.00
78) Pyrene-d10	19.63	212	257463	6.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	261998	6.61	ng/ul	0.00

Target Compounds

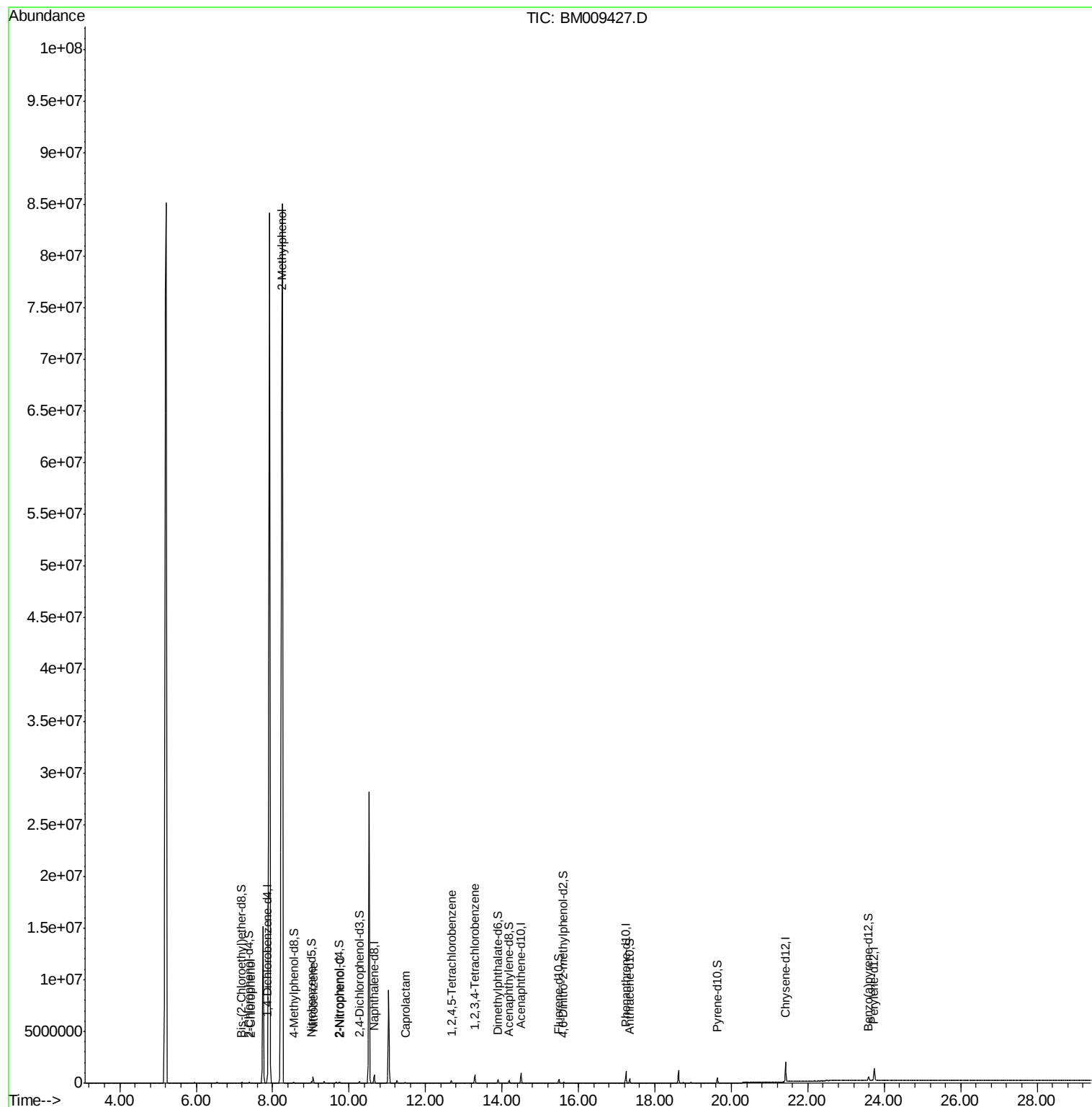
						Ovalue
10) 2-Chlorophenol	7.42	128	12162	1.24	ng/ul	95
11) 2-Methylphenol	8.25	108	505481	49.87	ng/ul	95
20) Nitrobenzene	9.06	77	310957	23.41	ng/ul#	81
23) 2-Nitrophenol	9.76	139	6438	1.42	ng/ul#	66
32) Caprolactam	11.47	113	3494	1.35	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	67746	6.96	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	220762	22.66	ng/uL	98

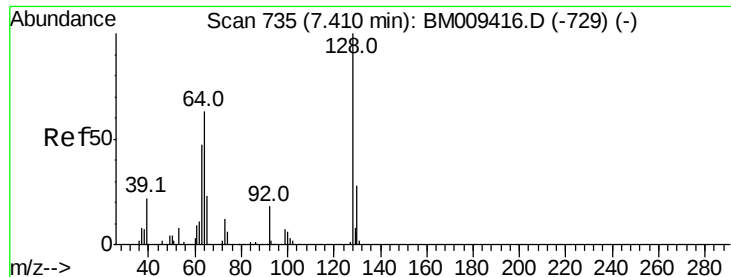
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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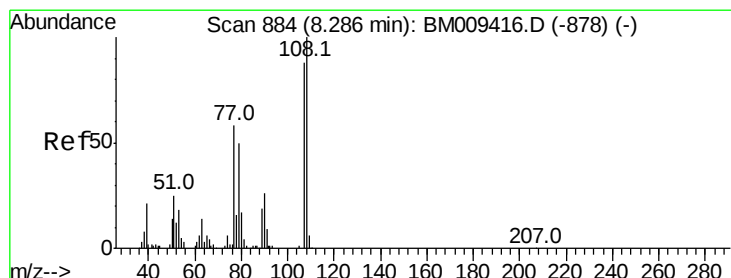
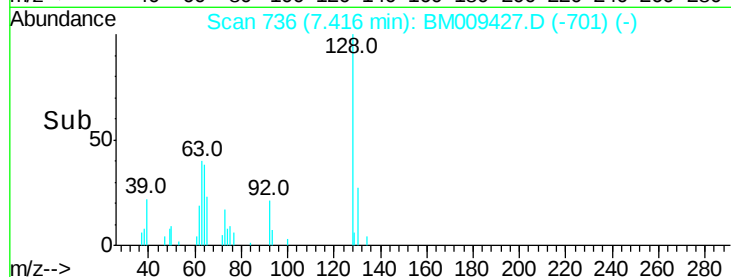
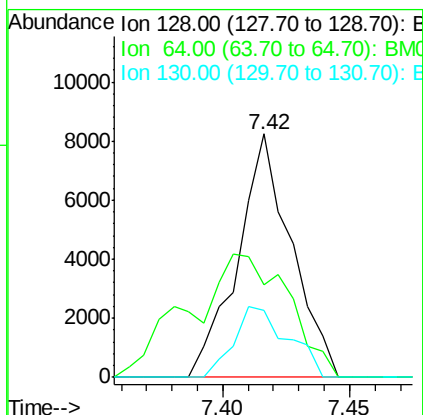
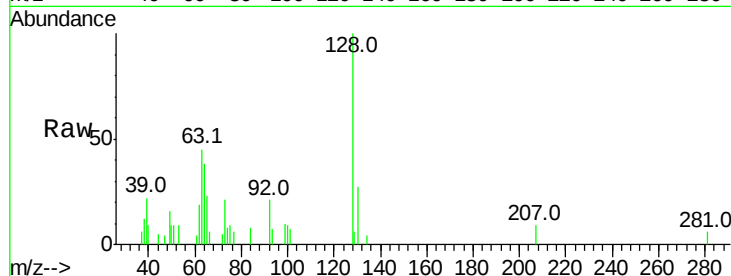




#10
2-Chlorophenol
Concen: 1.24 ng/ul
RT: 7.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BM009427.D
Acq: 27 Mar 2017 23:58

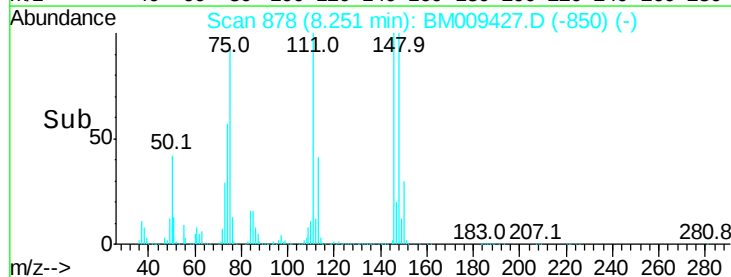
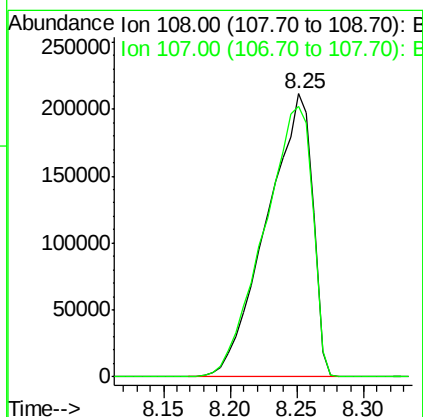
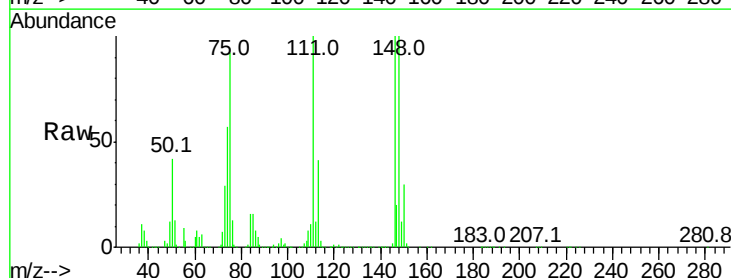
Instrument :
BNA_M
ClientSampleId :
C0BM9DL

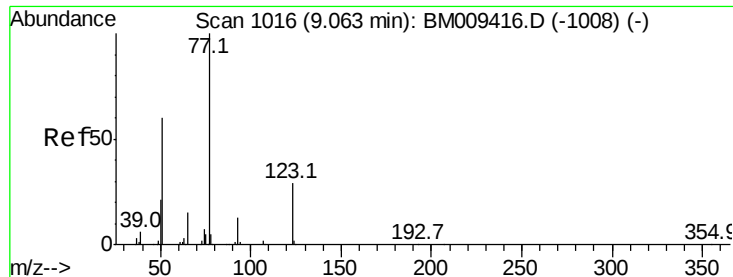
Tot Ion:128 Resp: 12162
Ion Ratio Lower Upper
128 100
64 37.9 31.9 47.9
130 27.4 25.6 38.4



#11
2-Methylphenol
Concen: 49.87 ng/ul
RT: 8.25 min Scan# 878
Delta R.T. -0.04 min
Lab File: BM009427.D
Acq: 27 Mar 2017 23:58

Tgt Ion:108 Resp: 505481
Ion Ratio Lower Upper
108 100
107 95.5 72.4 108.6

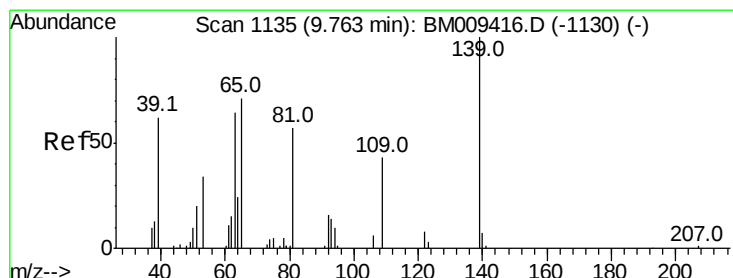
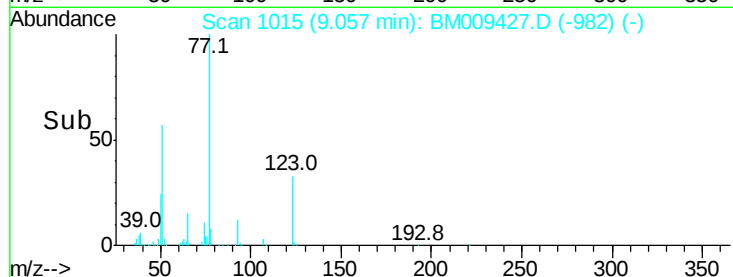
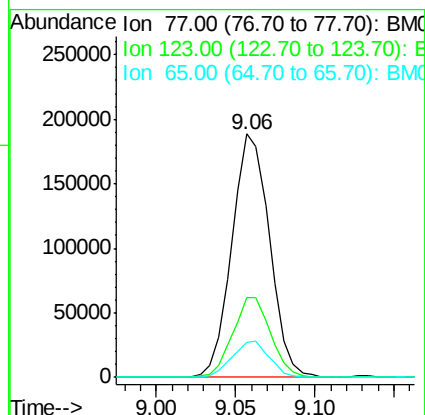
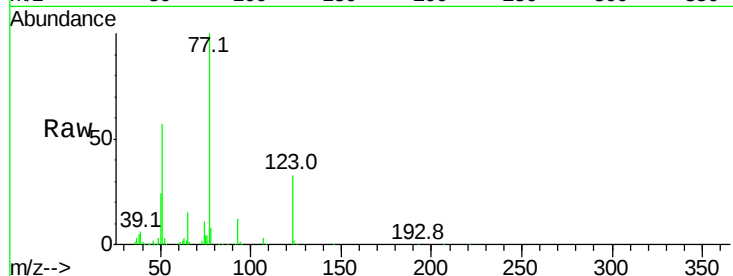




#20
Nitrobenzene
Concen: 23.41 ng/ul
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009427.D
Acq: 27 Mar 2017 23:58

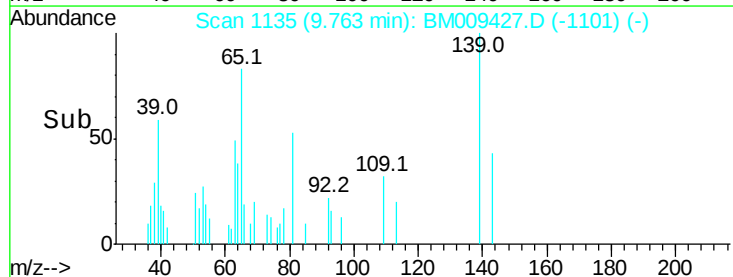
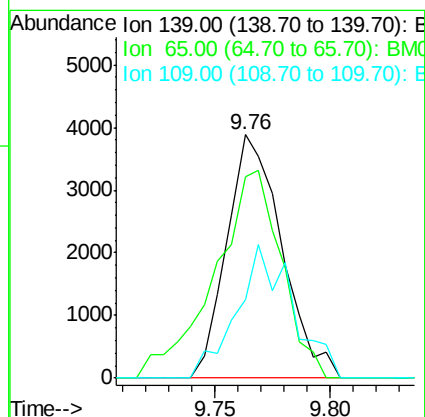
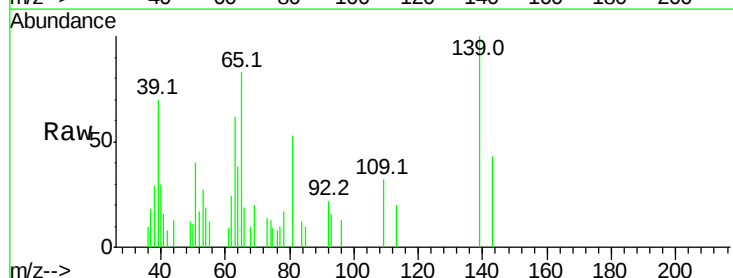
Instrument :
BNA_M
ClientSampleId :
C0BM9DL

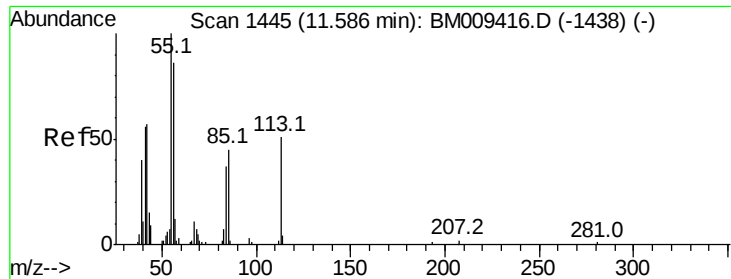
Tot Ion	Ratio	Lower	Upper
77	100		
123	32.8	39.0	58.4#
65	14.5	10.4	15.6



#23
2-Nitrophenol
Concen: 1.42 ng/ul
RT: 9.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM009427.D
Acq: 27 Mar 2017 23:58

Tgt Ion	Ratio	Lower	Upper
139	100		
65	82.8	36.3	54.5#
109	32.1	26.4	39.6





#32

Caprolactam

Concen: 1.35 ng/ul

RT: 11.47 min Scan# 1425

Delta R.T. -0.12 min

Lab File: BM009427.D

Acq: 27 Mar 2017 23:58

Instrument :

BNA_M

ClientSampleId :

C0BM9DL

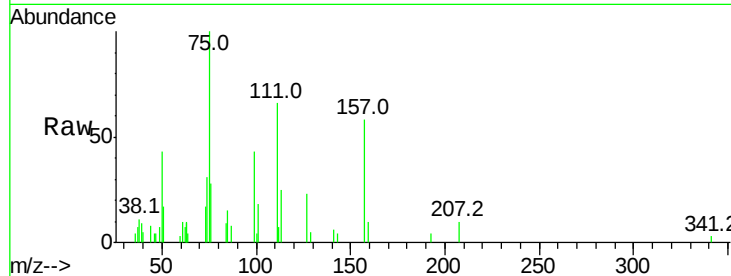
Tot Ion:113 Resp: 3494

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

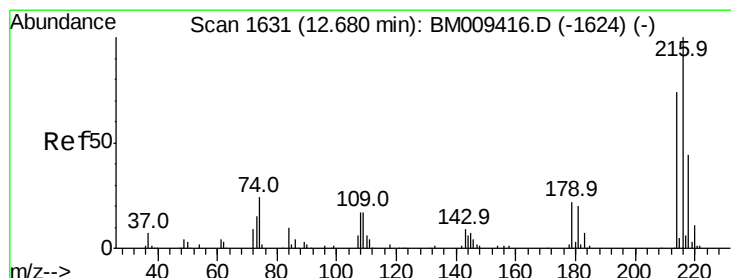
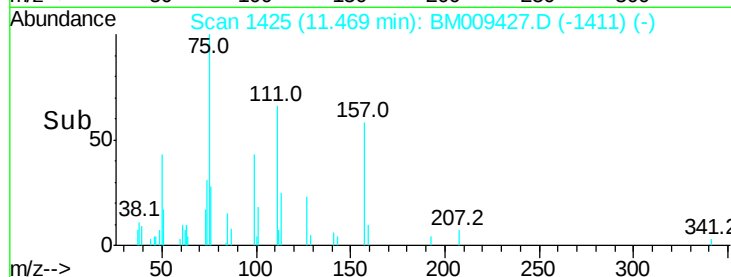
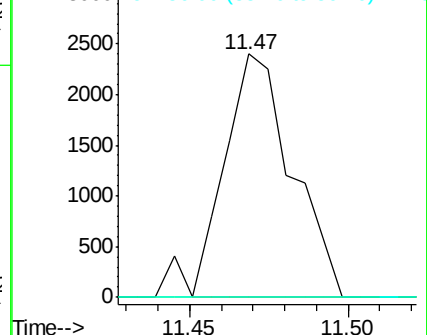
56 0.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 6.96 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009427.D

Acq: 27 Mar 2017 23:58

Tgt Ion:216 Resp: 67746

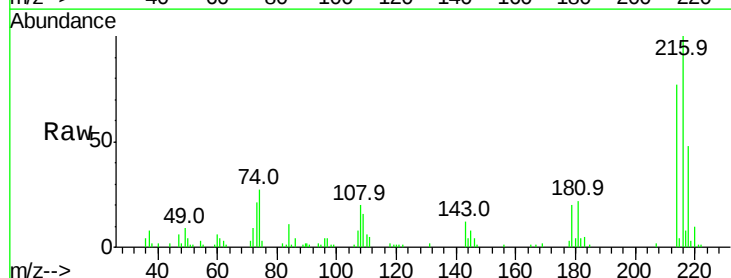
Ion Ratio Lower Upper

216 100

214 76.7 62.5 93.7

179 20.1 18.2 27.2

108 20.3 14.2 21.2

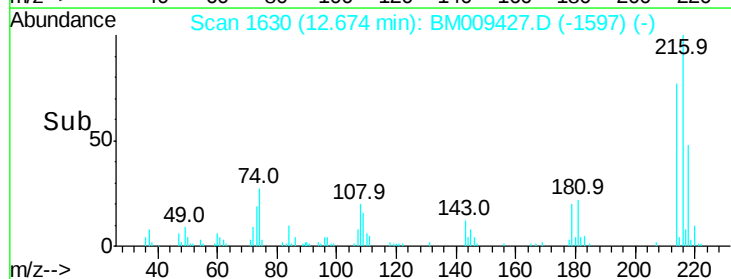
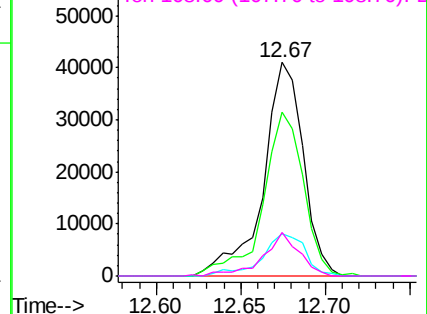


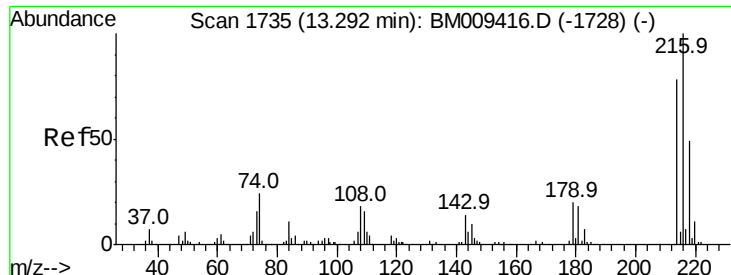
Abundance Ion 216.00 (215.70 to 216.70): E

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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 22.66 ng/uL

RT: 13.29 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM009427.D

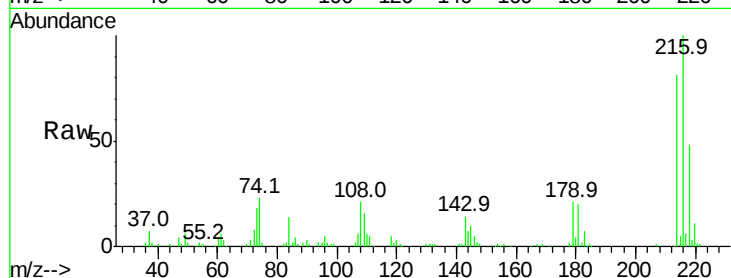
Acq: 27 Mar 2017 23:58

Instrument :

BNA_M

ClientSampleId :

C0BM9DL



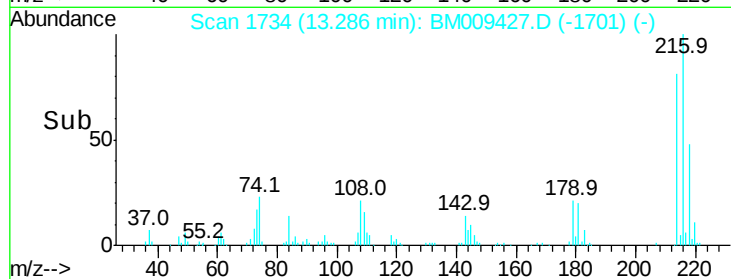
Tot Ion: 216 Resp: 220762

Ion Ratio Lower Upper

216 100

214 80.8 62.5 93.7

218 47.6 38.4 57.6



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

