

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004669.D
 Acq On : 17 Mar 2016 16:45
 Operator : UM/SJ
 Sample : H1783-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:07:57 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	55183	20.00	ng/ul	0.02
18) Naphthalene-d8	10.64	136	268509	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	149002	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	341458	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	375056	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	356359	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	6144	1.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	18500	7.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	19827	5.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	12019	3.29	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	10997	5.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	11177	5.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	20746	5.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1252	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	76365	6.56	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	91963	6.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	1395	0.62	ng/ul	0.00
58) Fluorene-d10	15.47	176	68204	6.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	5631	3.14	ng/ul	0.00
71) Anthracene-d10	17.32	188	105241	6.69	ng/ul	0.00
79) Pyrene-d10	19.61	212	117772	6.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	118592	7.45	ng/ul	0.00

Target Compounds

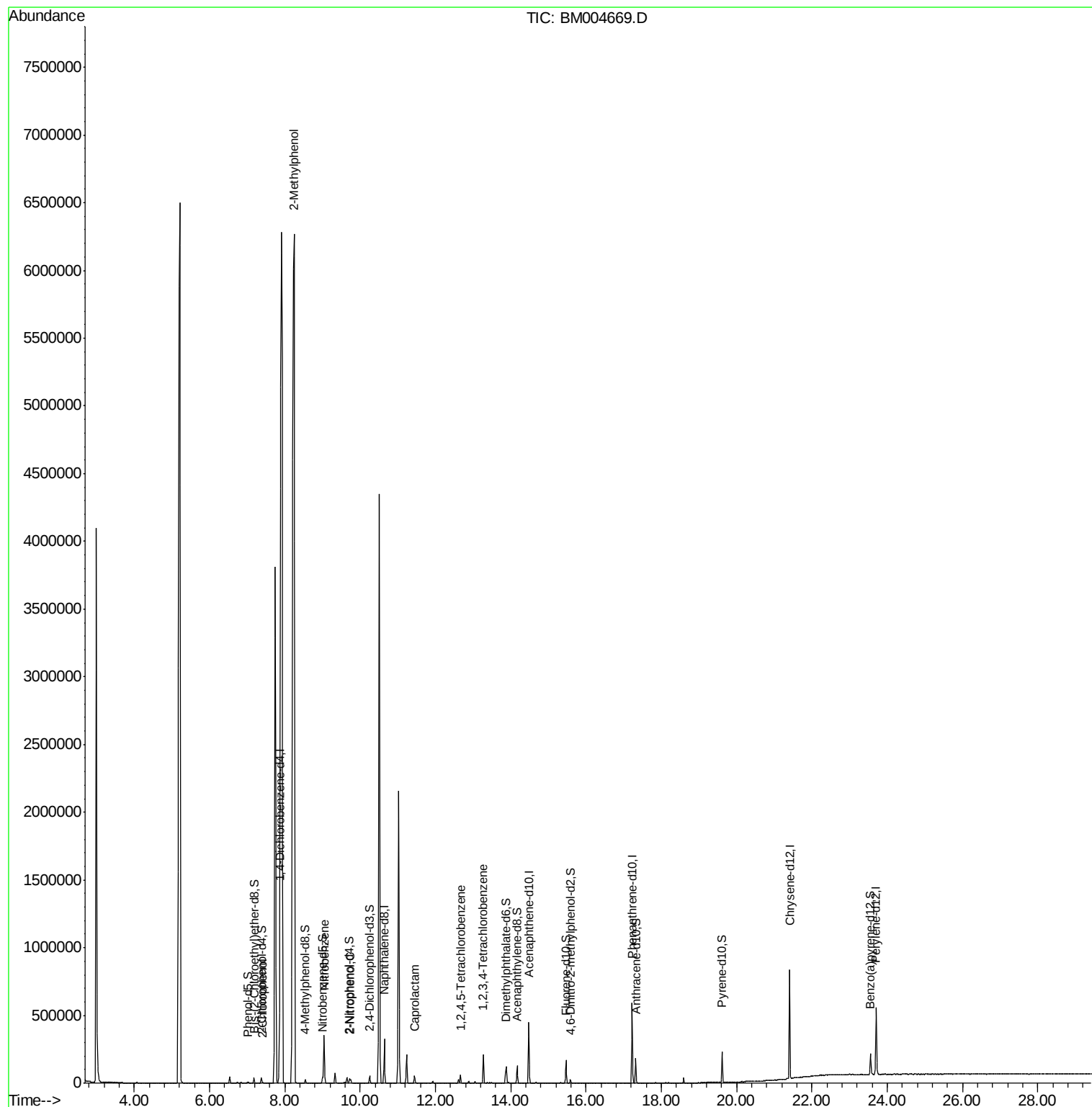
						Ovalue
10) 2-Chlorophenol	7.41	128	3954	1.03	ng/ul	97
11) 2-Methylphenol	8.22	108	32688	8.91	ng/ul	99
20) Nitrobenzene	9.04	77	200876	43.59	ng/ul	97
23) 2-Nitrophenol	9.75	139	10126	4.53	ng/ul	92
32) Caprolactam	11.45	113	4069	2.98	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	20839	4.38	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	63579	13.53	ng/uL	99

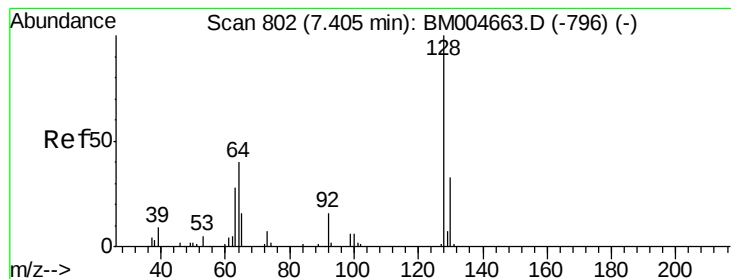
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.03 ng/ul

RT: 7.41 min Scan# 803

Delta R.T. 0.01 min

Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Instrument :

BNA_M

ClientSampleId :

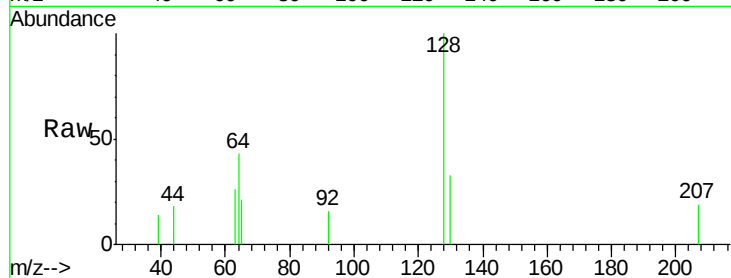
Tot Ion:128 Resp: 3954

Ion Ratio Lower Upper

128 100

64 42.6 31.9 47.9

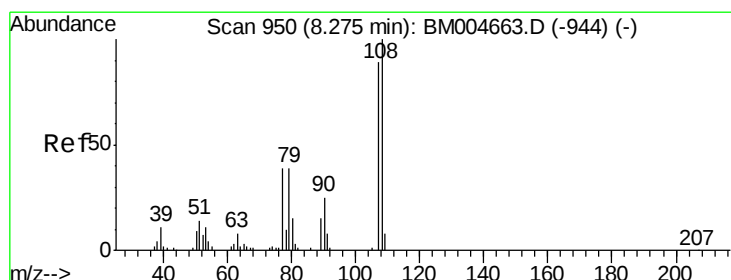
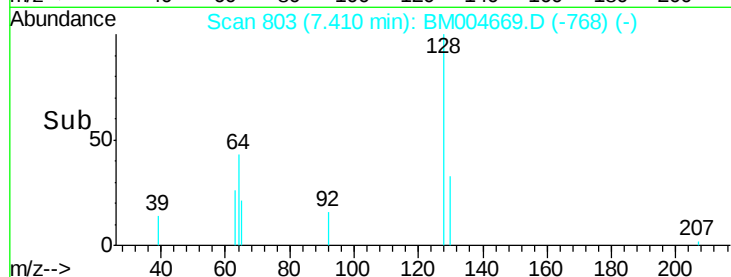
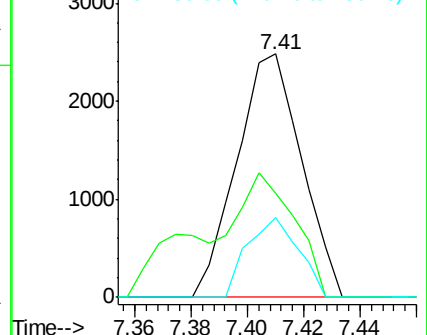
130 32.9 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 8.91 ng/ul

RT: 8.22 min Scan# 941

Delta R.T. -0.05 min

Lab File: BM004669.D

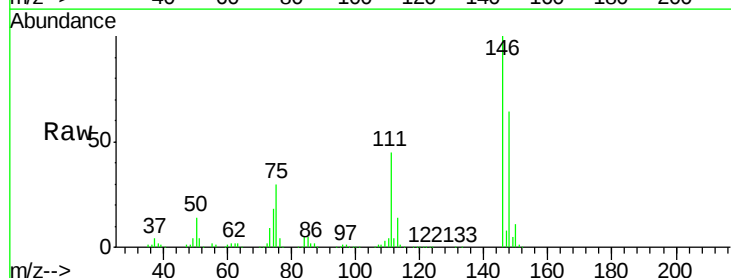
Acq: 17 Mar 2016 16:45

Tgt Ion:108 Resp: 32688

Ion Ratio Lower Upper

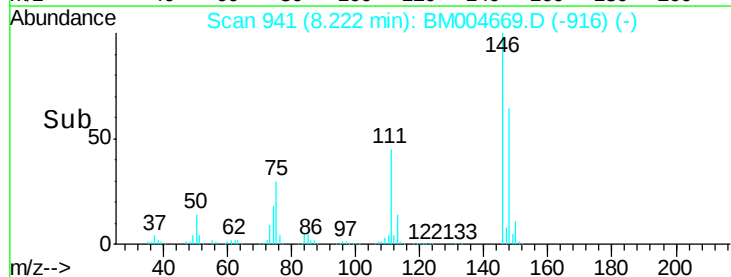
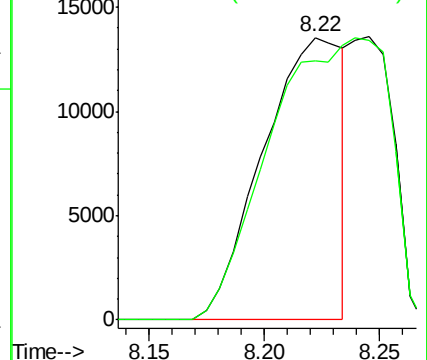
108 100

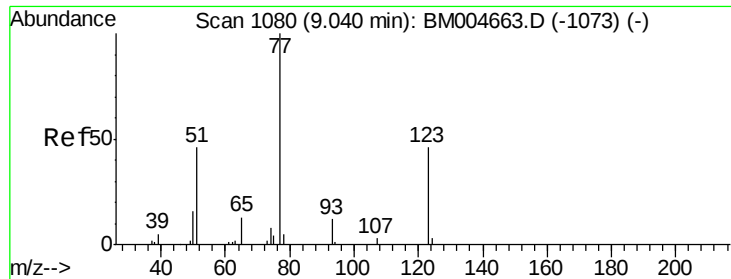
107 91.8 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

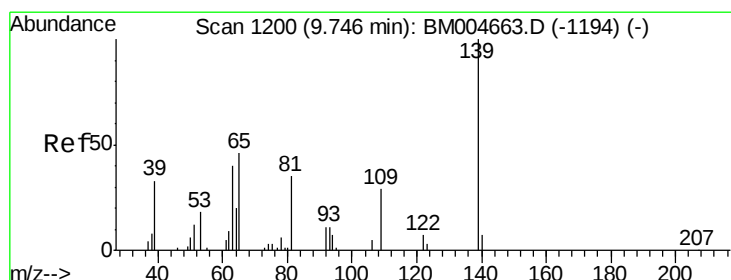
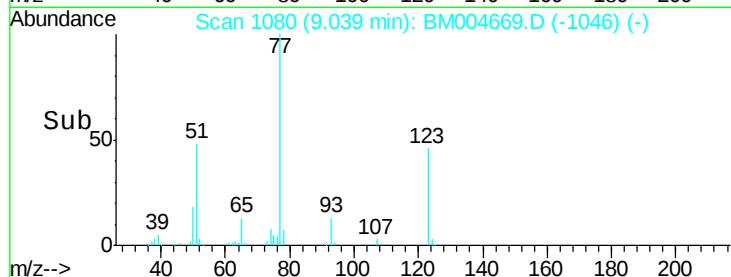
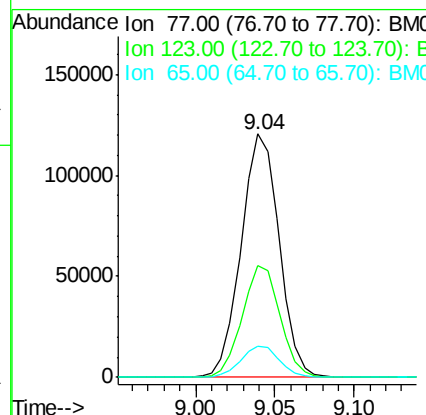
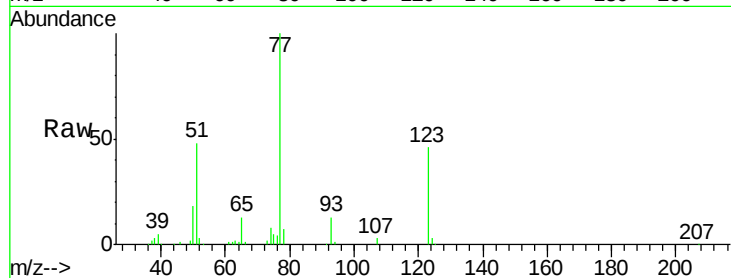




#20
Nitrobenzene
Concen: 43.59 ng/ul
RT: 9.04 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004669.D
Acq: 17 Mar 2016 16:45

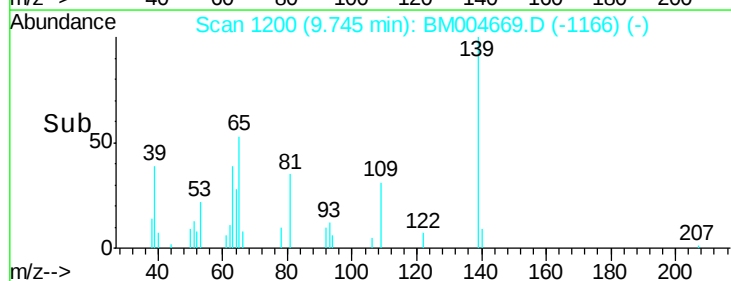
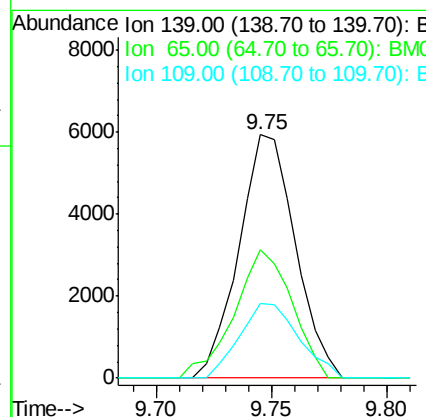
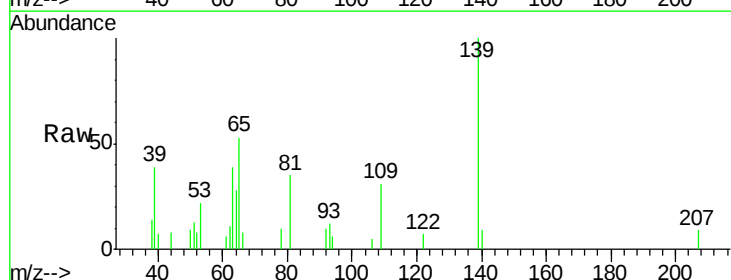
Instrument :
BNA_M
ClientSampleId :

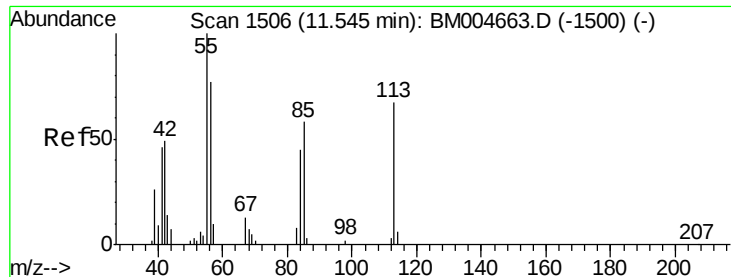
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.1	39.0	58.4
65	13.0	10.4	15.6



#23
2-Nitrophenol
Concen: 4.53 ng/ul
RT: 9.75 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM004669.D
Acq: 17 Mar 2016 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
65	52.6	36.3	54.5
109	30.9	26.4	39.6





#32

Caprolactam

Concen: 2.98 ng/ul

RT: 11.45 min Scan# 1489

Delta R.T. -0.10 min

Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Instrument :

BNA_M

ClientSampled :

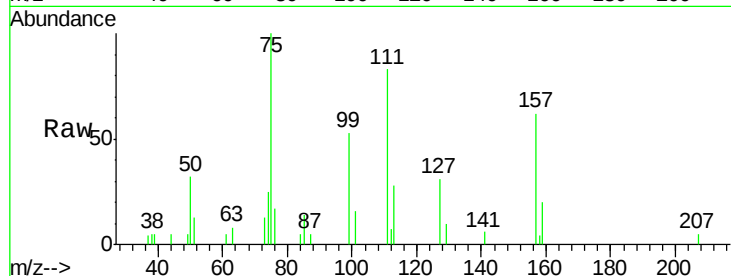
Tot Ion:113 Resp: 4069

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

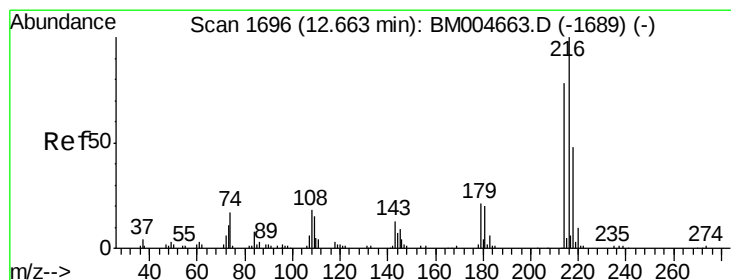
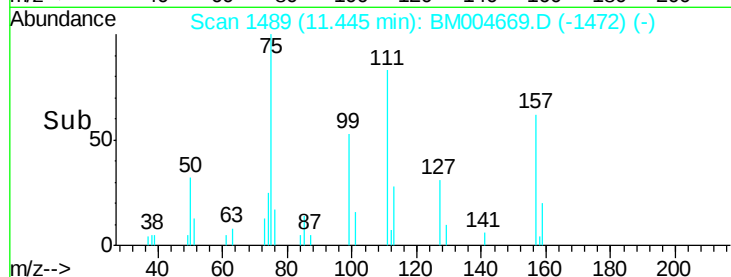
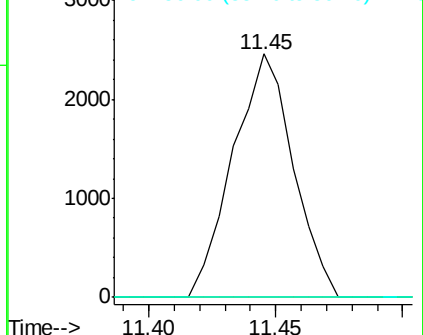
56 0.0 81.2 121.8#



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.38 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Tgt Ion:216 Resp: 20839

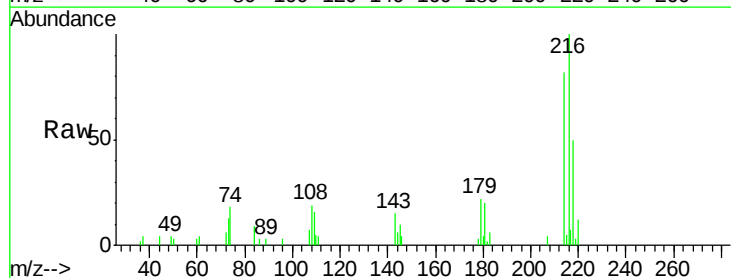
Ion Ratio Lower Upper

216 100

214 81.7 62.5 93.7

179 21.6 18.2 27.2

108 18.8 14.2 21.2

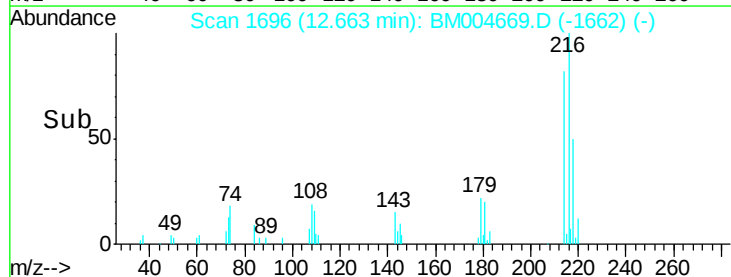
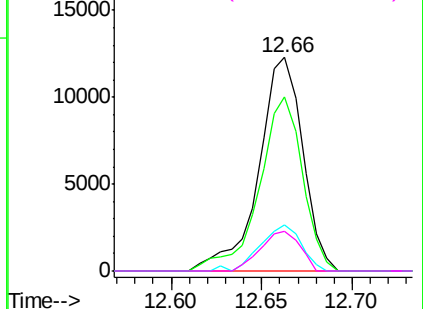


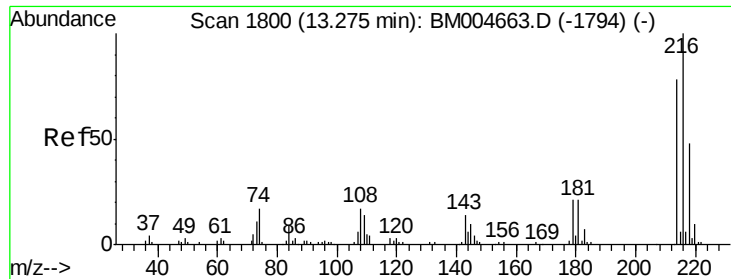
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 13.53 ng/uL

RT: 13.27 min Scan# 1799

Delta R.T. -0.01 min

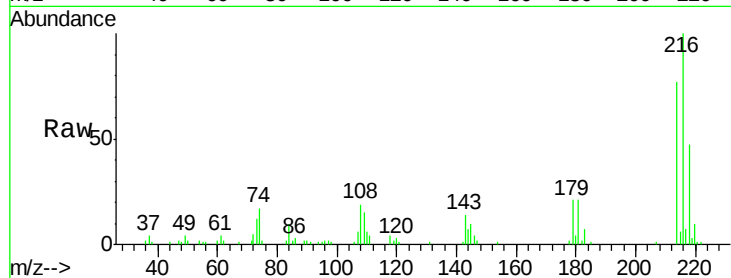
Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Instrument :

BNA_M

ClientSampleId :



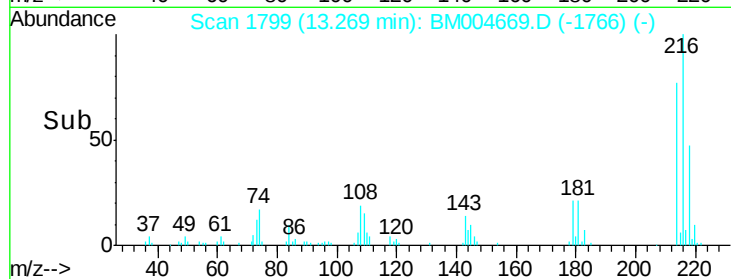
Tot Ion:216 Resp: 63579

Ion Ratio Lower Upper

216 100

214 76.6 62.5 93.7

218 47.5 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

