

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032417\
 Data File : BM009400.D
 Acq On : 25 Mar 2017 03:13
 Operator : SJ/MA
 Sample : I2358-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK5

Manual Integrations
 APPROVED

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 3/27/2017 1:18:00 PM

Quant Time: Mar 27 10:50:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 27 04:18:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	223818m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.67	136	645948	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	365197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	804664	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1038125	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	964140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	17448	2.97	ng/uL	0.00
5) Phenol-d5	7.02	99	83511	4.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	293488	20.34	ng/ul	0.03
9) 2-Chlorophenol-d4	7.40	132	231916	17.02	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	171321	11.34	ng/ul	0.01
19) Nitrobenzene-d5	9.03	128	155640	32.78	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	173948	33.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	299405	29.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	15929m	1.36	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	1180483	45.96	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1359225	42.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	41258	8.71	ng/ul	0.00
57) Fluorene-d10	15.49	176	1000700	42.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	185146	36.40	ng/ul	0.00
70) Anthracene-d10	17.34	188	1631867	42.52	ng/ul	0.00
78) Pyrene-d10	19.63	212	1929243	43.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1913871	43.10	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.04	94	30746	1.42	ng/ul#	72
10) 2-Chlorophenol	7.43	128	76780	5.29	ng/ul#	77
17) Hexachloroethane	8.95	117	9076	1.30	ng/ul#	80
20) Nitrobenzene	9.07	77	2041405	127.52	ng/ul#	82
23) 2-Nitrophenol	9.77	139	47506	8.72	ng/ul#	67
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	413862	33.73	ng/ul	98
52) 4-Nitrophenol	14.70	109	16596	2.99	ng/ul#	74
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	1524622	128.88	ng/uL	99

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

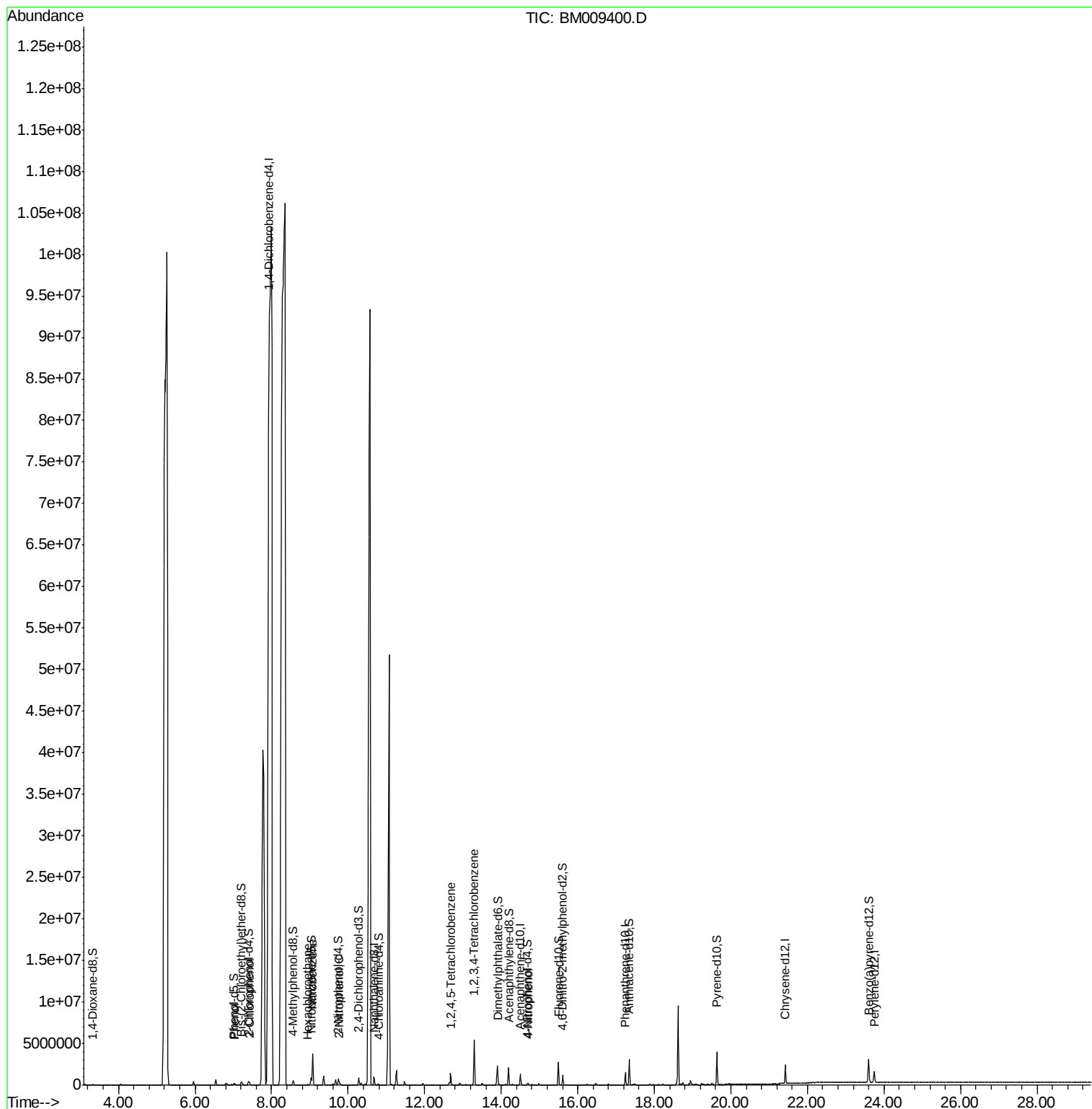
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032417\
Data File : BM009400.D
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ALS Vial : 23 Sample Multiplier: 1

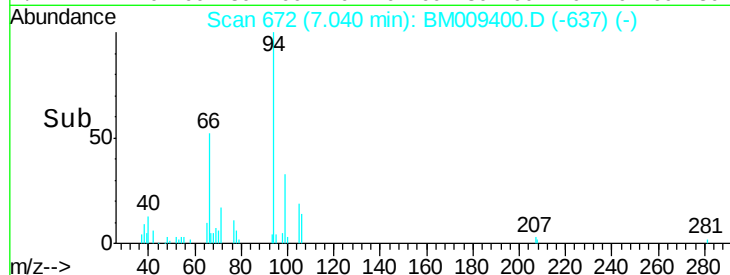
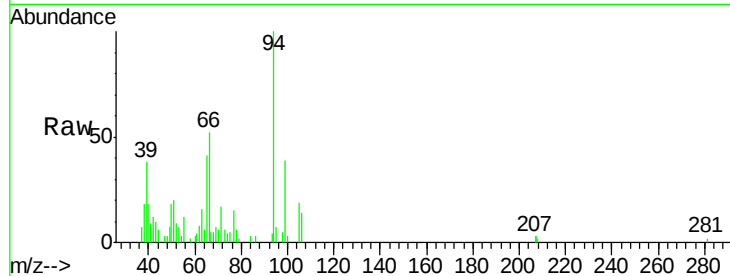
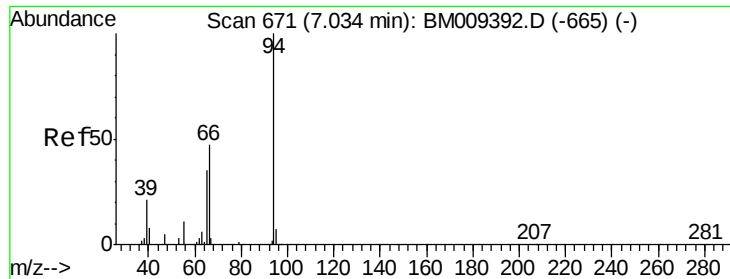
Instrument :
BNA_M
ClientSampled :
C0BK5

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 27 04:18:12 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.42 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. 0.01 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

Instrument :

BNA_M

ClientSampleId :

C0BK5

Tgt Ion: 94 Resp: 30746

Ion Ratio Lower Upper

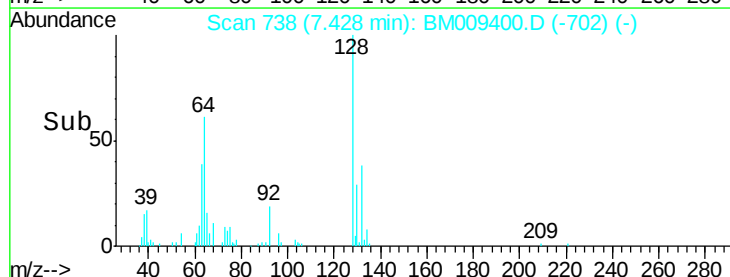
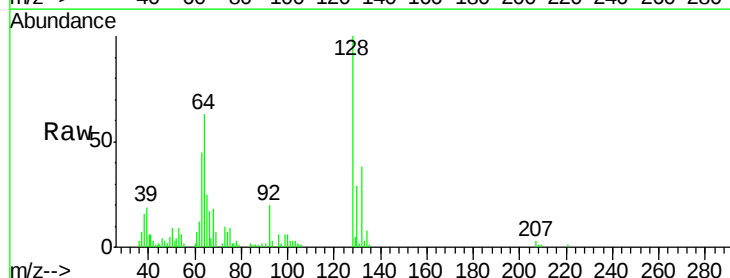
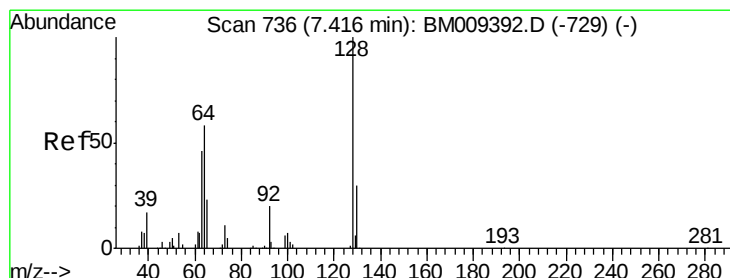
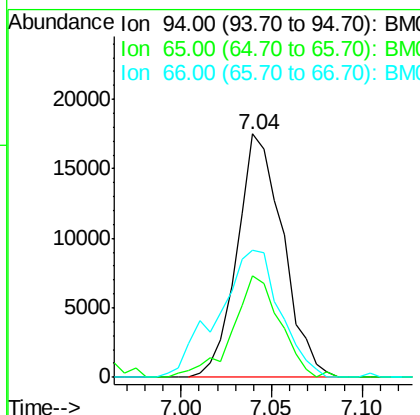
94 100

65 41.5 21.0 31.6#

66 52.1 29.3 43.9#

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#10

2-Chlorophenol

Concen: 5.29 ng/ul

RT: 7.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

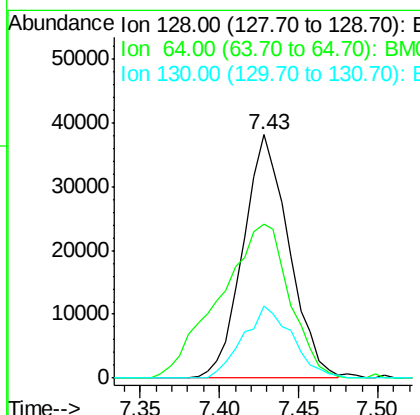
Tgt Ion: 128 Resp: 76780

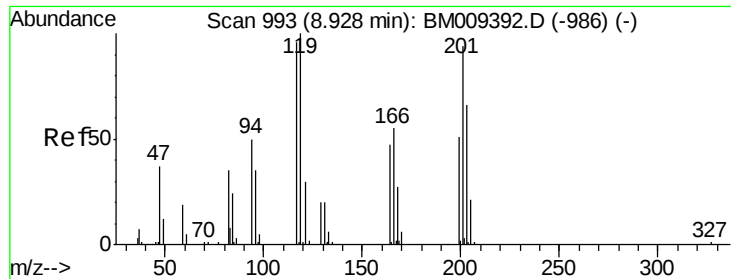
Ion Ratio Lower Upper

128 100

64 63.3 31.9 47.9#

130 29.5 25.6 38.4





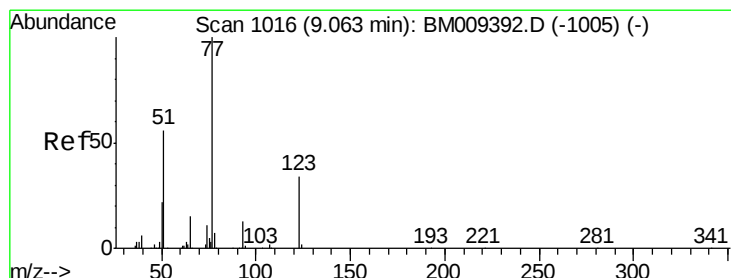
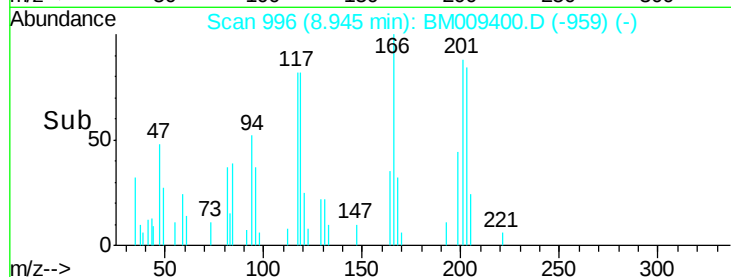
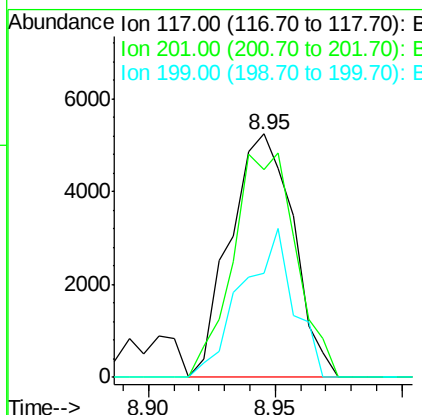
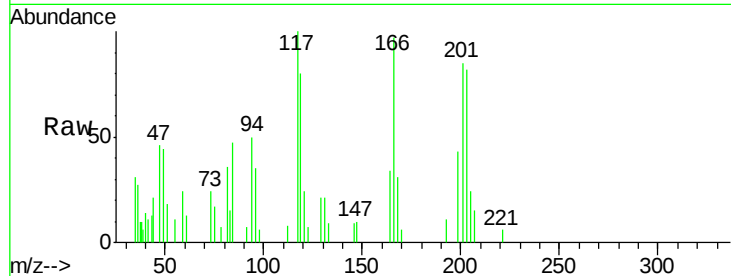
#17
Hexachloroethane
Concen: 1.30 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM009400.D
Acq: 25 Mar 2017 03:13

Instrument :
BNA_M
ClientSampleId :
C0BK5

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	81.5	122.3
199	43.0	50.6	76.0#

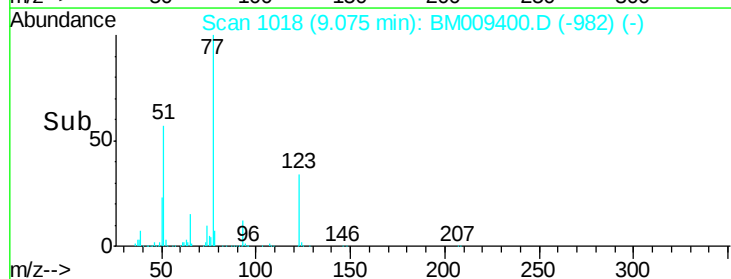
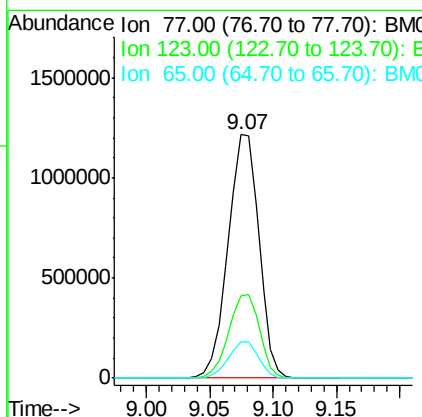
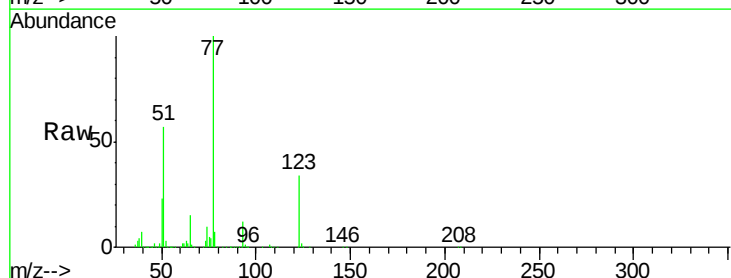
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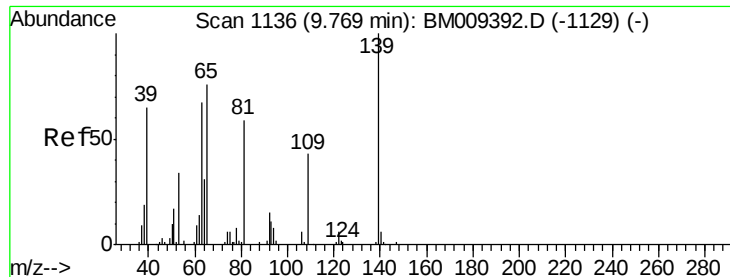
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#20
Nitrobenzene
Concen: 127.52 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009400.D
Acq: 25 Mar 2017 03:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	39.0	58.4#
65	15.1	10.4	15.6





#23

2-Nitrophenol

Concen: 8.72 ng/ul

RT: 9.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

Instrument :

BNA_M

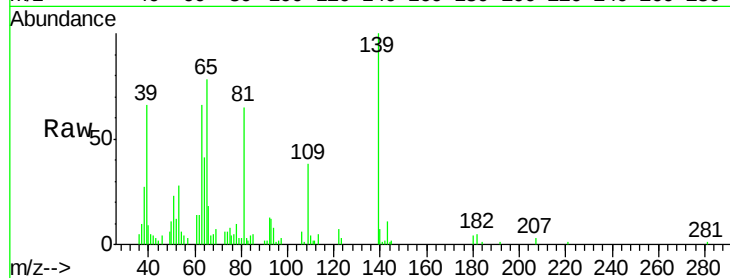
ClientSampleId :

C0BK5

Tgt Ion	Ratio	Lower	Upper
139	100		
65	78.3	36.3	54.5#
109	37.6	26.4	39.6

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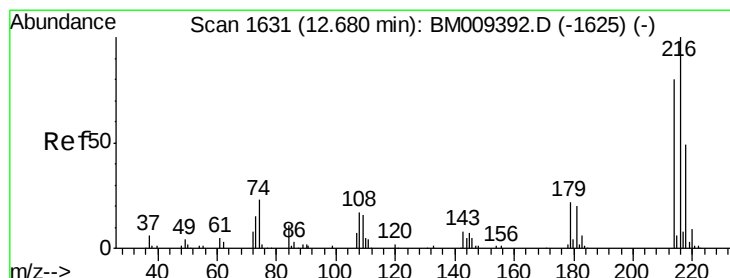
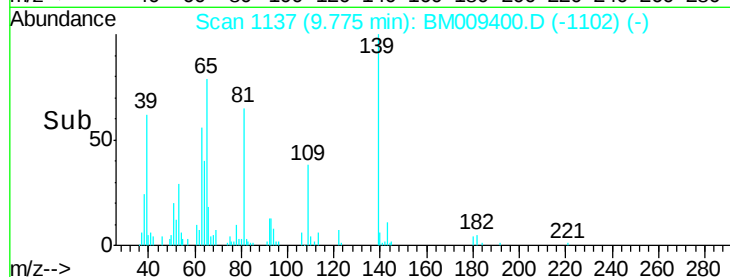
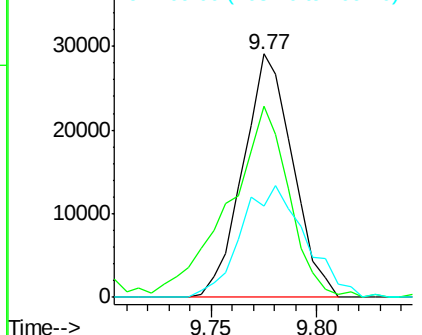


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 109.00 (108.70 to 109.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 33.73 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.5	93.7
179	19.7	18.2	27.2
108	19.5	14.2	21.2

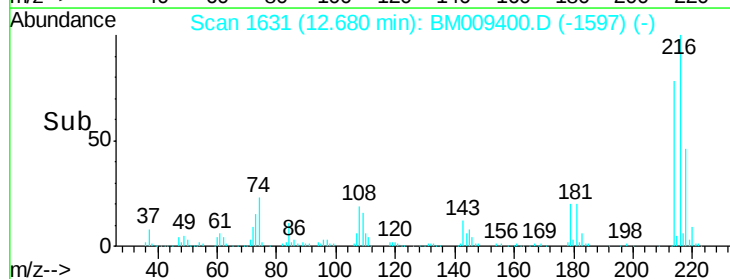
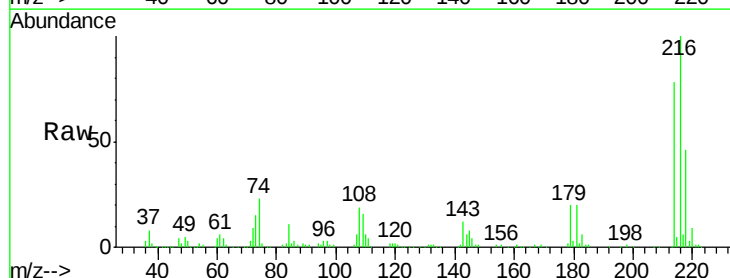
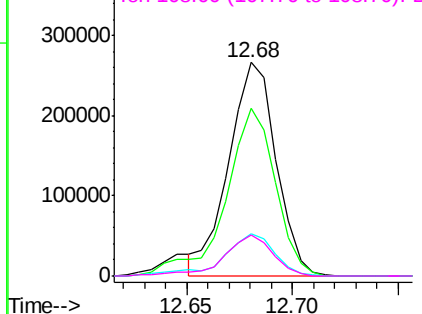
Abundance

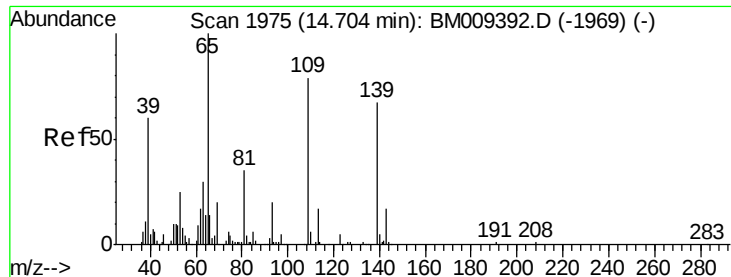
Ion 216.00 (215.70 to 216.70): E

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





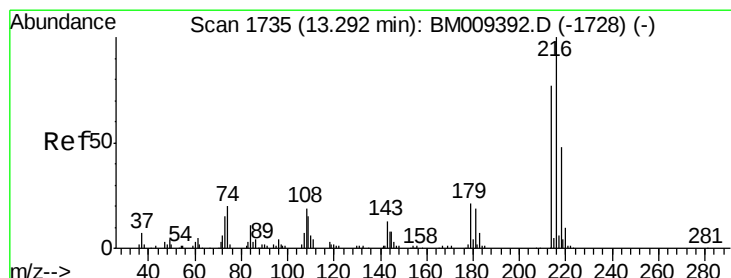
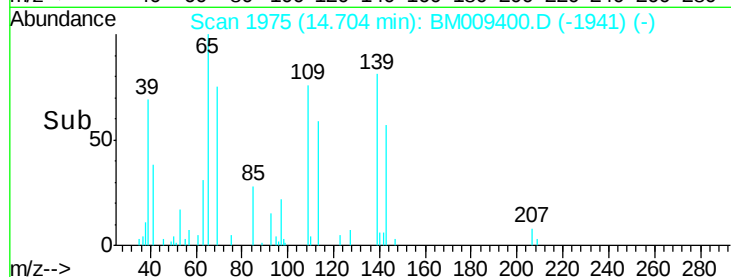
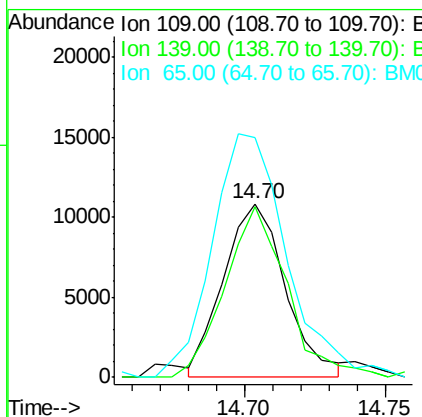
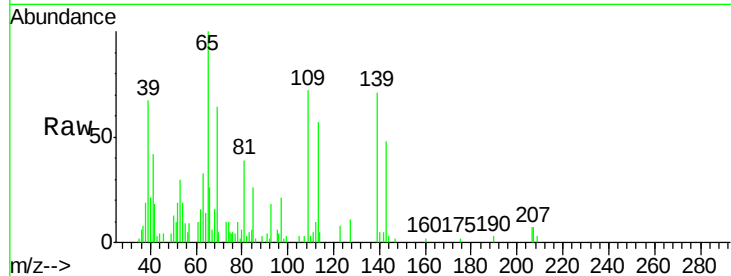
#52
 4-Nitrophenol
 Concen: 2.99 ng/ul
 RT: 14.70 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BM009400.D
 Acq: 25 Mar 2017 03:13

Instrument :
 BNA_M
 ClientSampled :
 C0BK5

Tgt Ion	Ratio	Lower	Upper
109	100		
139	98.4	103.7	155.5#
65	138.0	89.4	134.2#

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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 128.88 ng/uL
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM009400.D
 Acq: 25 Mar 2017 03:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
218	48.8	38.4	57.6

