

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032417\
 Data File : BM009401.D
 Acq On : 25 Mar 2017 03:49
 Operator : SJ/MA
 Sample : I2358-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

Manual Integrations
 APPROVED

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 3/27/2017 1:18:04 PM

Quant Time: Mar 27 10:57:55 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	227721m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.68	136	672612	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	375740	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	845621	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1127050	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1057575	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	19223m	3.22	ng/uL	0.00
5) Phenol-d5	7.02	99	89606	4.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	323288	22.02	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	254012	18.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	181347	11.80	ng/ul	0.01
19) Nitrobenzene-d5	9.03	128	171907	34.77	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	182083	33.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	310138	29.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	14150	1.16	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1117297	42.28	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1347999	40.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	34284	7.04	ng/ul	0.00
57) Fluorene-d10	15.49	176	967788	39.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	171824	32.15	ng/ul	0.00
70) Anthracene-d10	17.34	188	1556278m	38.59	ng/ul	0.00
78) Pyrene-d10	19.63	212	1851388	38.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1879474	38.59	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.05	94	31482	1.43	ng/ul#	81
10) 2-Chlorophenol	7.43	128	83146	5.64	ng/ul#	70
17) Hexachloroethane	8.95	117	9731	1.37	ng/ul	90
20) Nitrobenzene	9.07	77	2135645	128.12	ng/ul#	82
23) 2-Nitrophenol	9.77	139	47994	8.46	ng/ul#	62
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	394525m	31.25	ng/ul	
52) 4-Nitrophenol	14.70	109	14617	2.56	ng/ul#	74
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	1507556	121.26	ng/uL	100

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

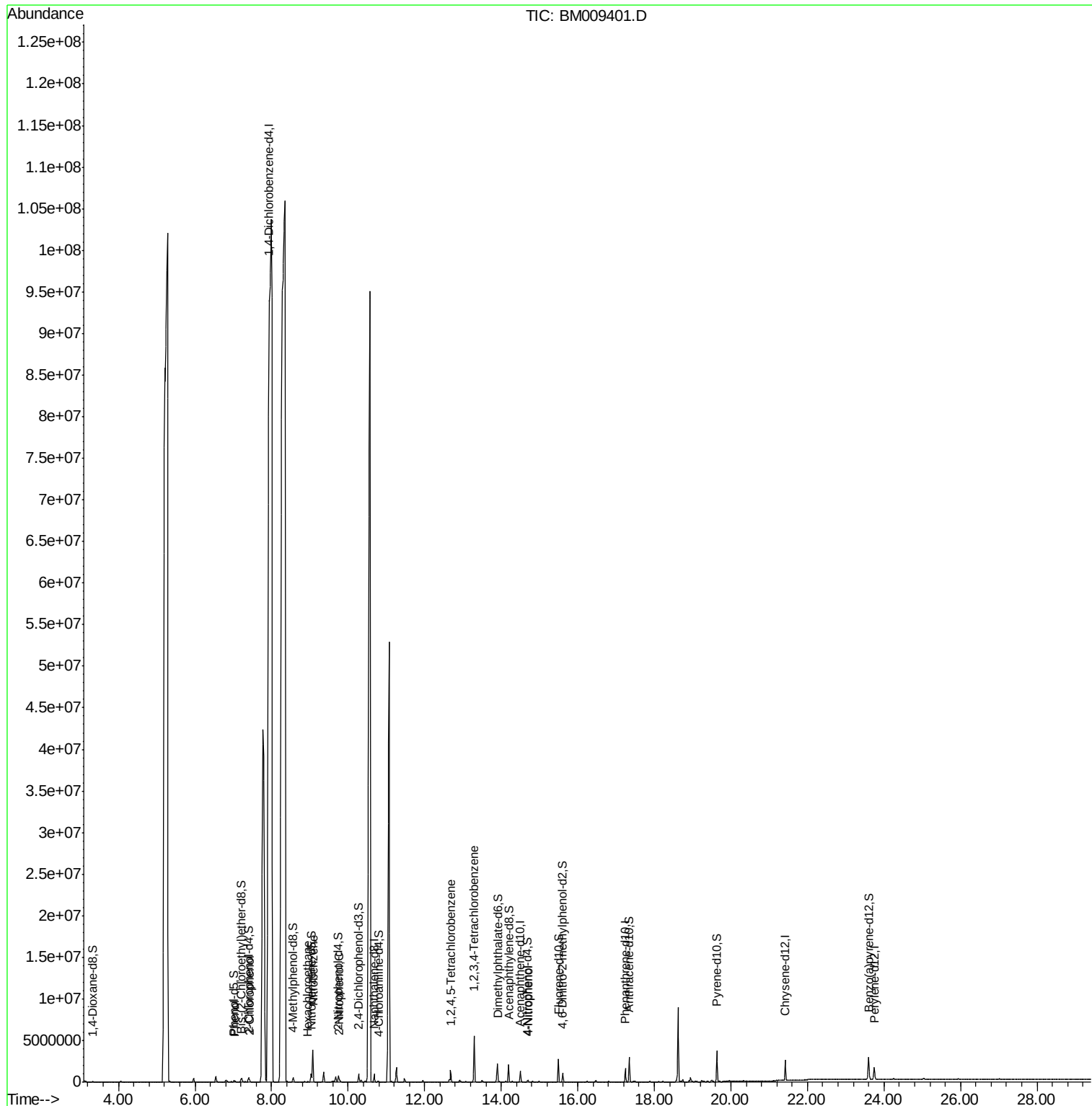
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032417\
Data File : BM009401.D
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Operator : SJ/MA
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ALS Vial : 24 Sample Multiplier: 1

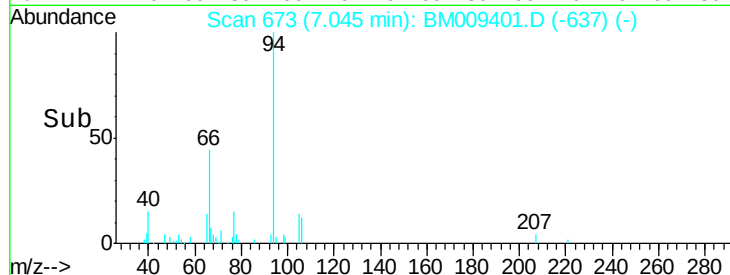
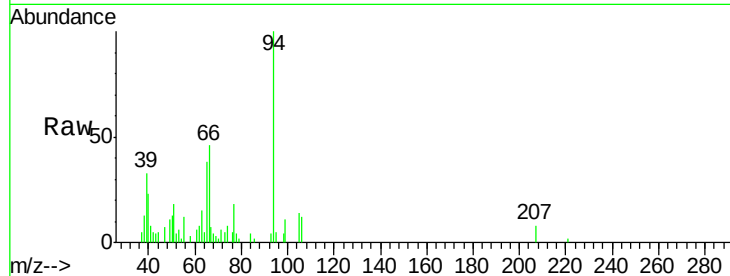
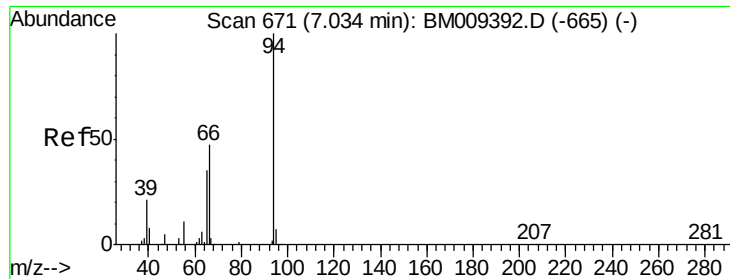
Instrument :
BNA_M
ClientSampleId :
C0BM9

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 27 04:18:12 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.43 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

Tgt Ion:	94	Resp:	31482
Ion Ratio	Lower	Upper	
94	100		
65	37.6	21.0	31.6#
66	46.4	29.3	43.9#

Instrument :

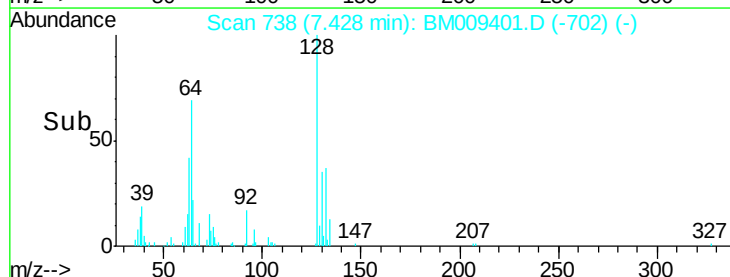
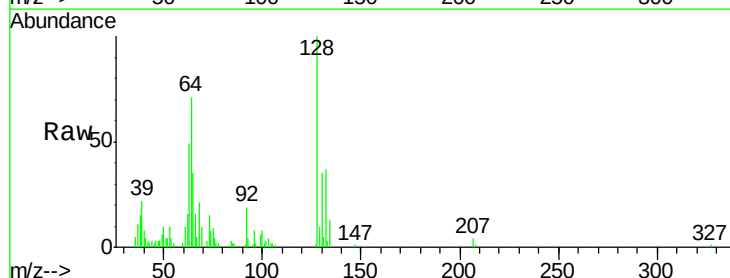
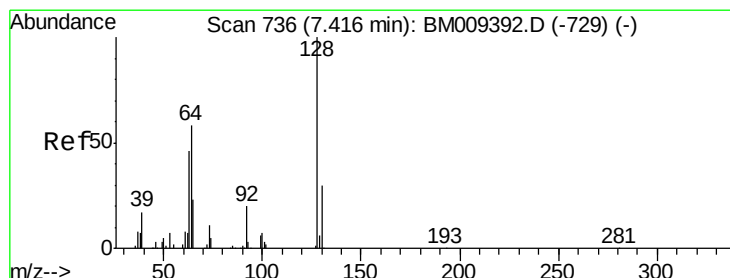
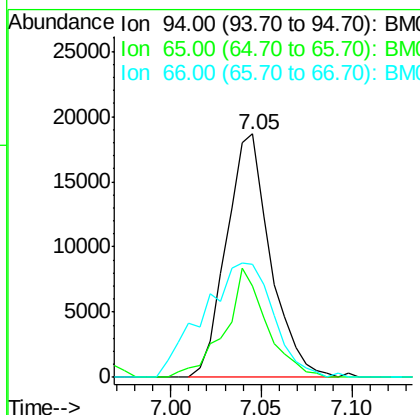
BNA_M

ClientSampled :

C0BM9

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#10

2-Chlorophenol

Concen: 5.64 ng/ul

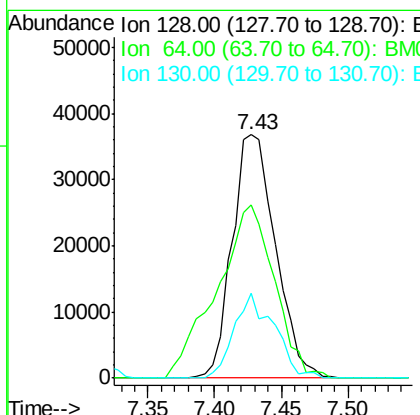
RT: 7.43 min Scan# 738

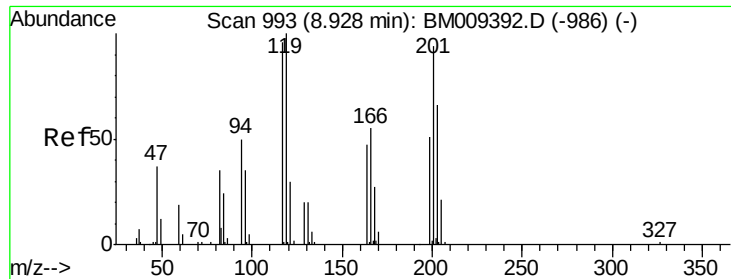
Delta R.T. 0.01 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

Tgt Ion:	128	Resp:	83146
Ion Ratio	Lower	Upper	
128	100		
64	71.2	31.9	47.9#
130	34.7	25.6	38.4





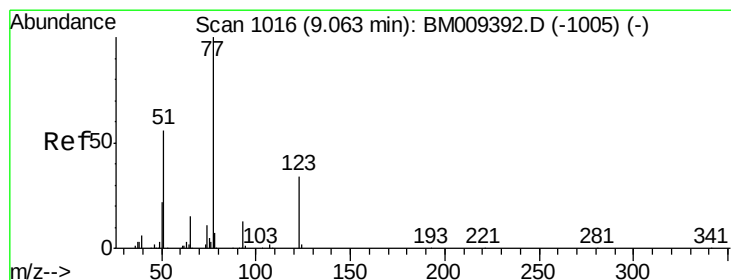
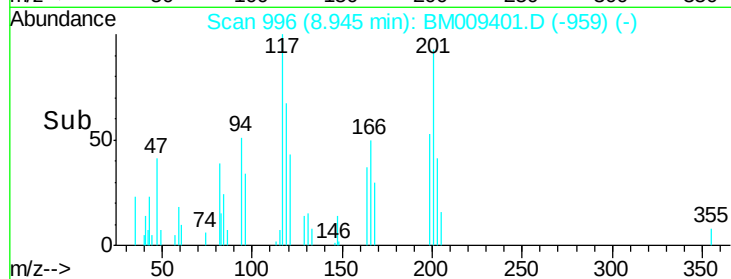
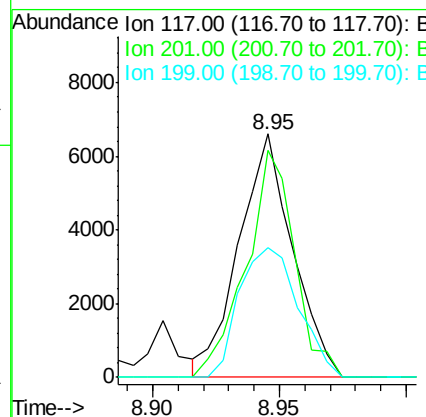
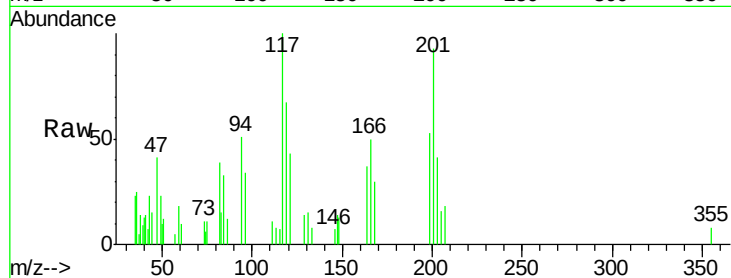
#17
Hexachloroethane
Concen: 1.37 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Instrument :
BNA_M
ClientSampled :
C0BM9

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	81.5	122.3
199	53.4	50.6	76.0

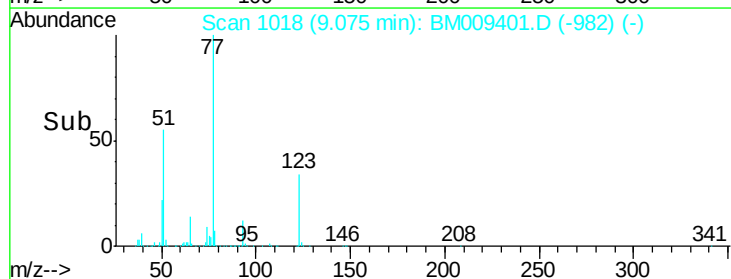
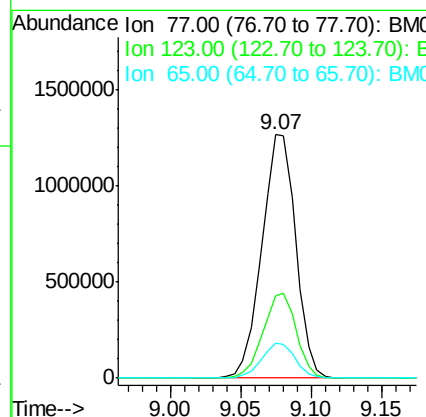
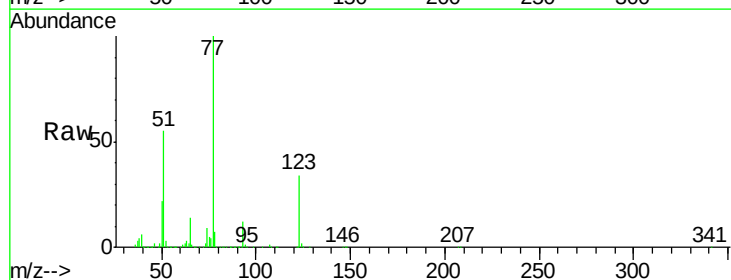
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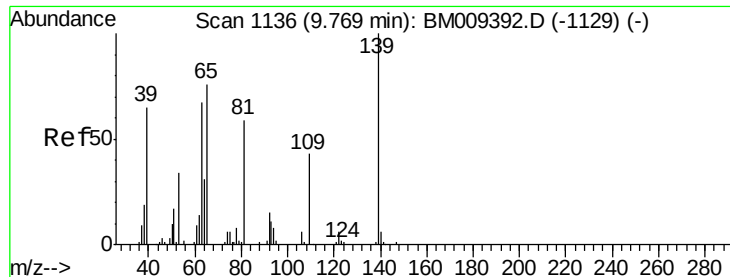
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#20
Nitrobenzene
Concen: 128.12 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.9	39.0	58.4#
65	14.2	10.4	15.6





#23

2-Nitrophenol

Concen: 8.46 ng/ul

RT: 9.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

Instrument :

BNA_M

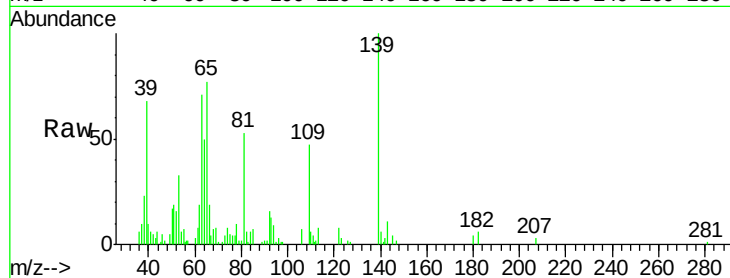
ClientSampleId :

C0BM9

Tgt Ion:	139	Resp:	47994
Ion Ratio	Lower	Upper	
139	100		
65	77.3	36.3	54.5#
109	46.9	26.4	39.6#

Manual Integrations
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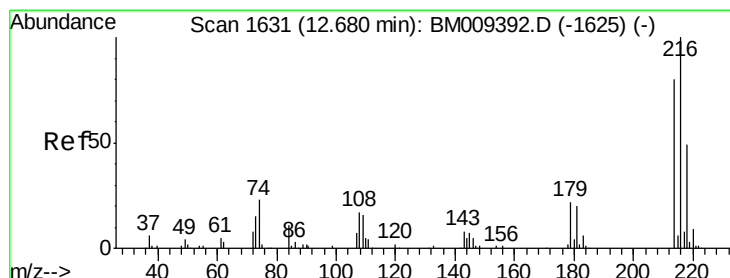
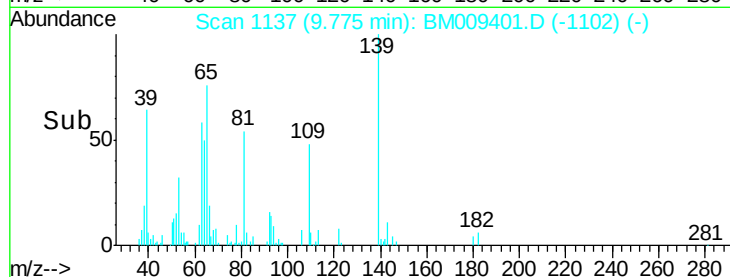
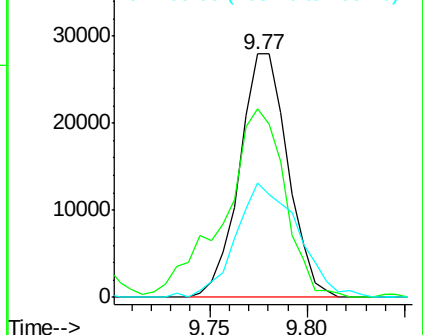
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Abundance Ion 139.00 (138.70 to 139.70): E

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: 31.25 ng/ul m

RT: 12.68 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

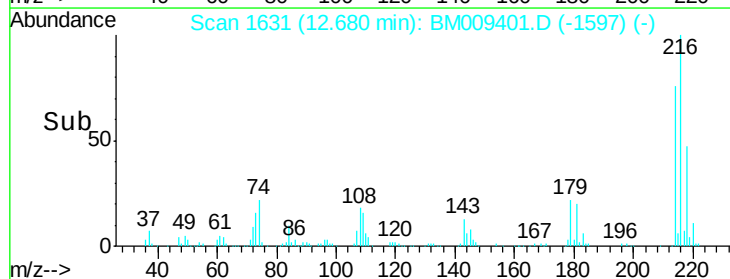
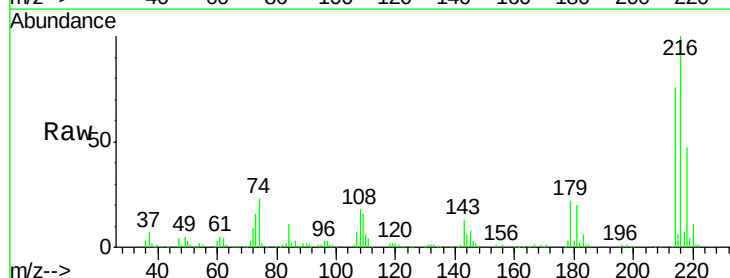
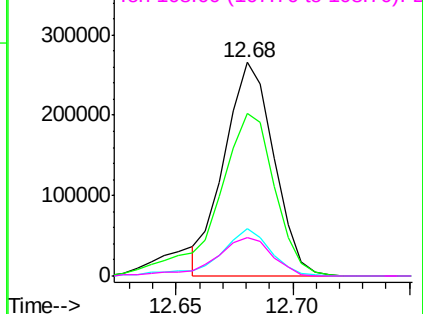
Tgt Ion:	216	Resp:	394525
Ion Ratio	Lower	Upper	
216	100		
214	76.2	62.5	93.7
179	22.2	18.2	27.2
108	18.1	14.2	21.2

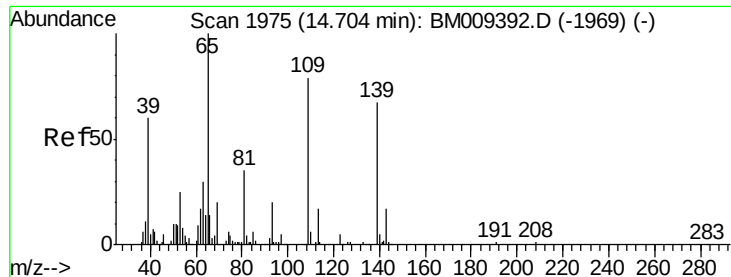
Abundance Ion 216.00 (215.70 to 216.70): E

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





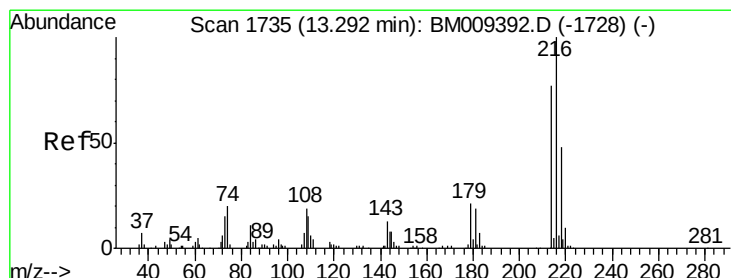
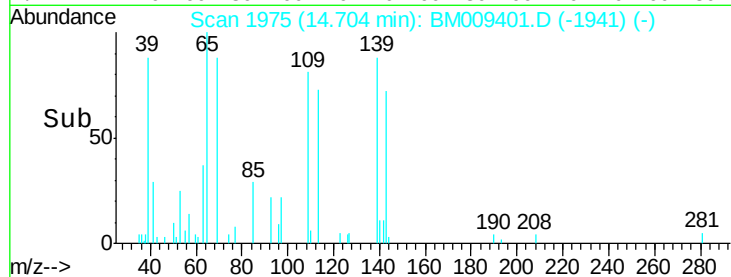
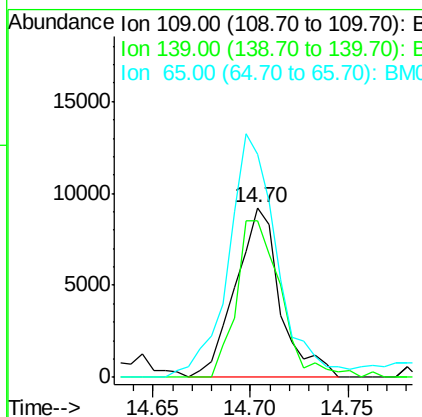
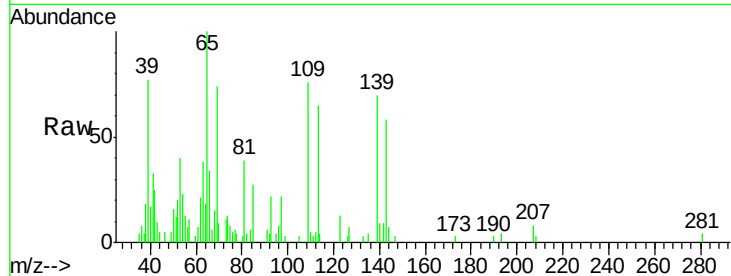
#52
4-Nitrophenol
Concen: 2.56 ng/ul
RT: 14.70 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Instrument :
BNA_M
ClientSampleId :
C0BM9

Tgt Ion	Ratio	Lower	Upper
109	100		
139	92.4	103.7	155.5#
65	131.2	89.4	134.2

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#72
1,2,3,4-Tetrachlorobenzene
Concen: 121.26 ng/uL
RT: 13.29 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
218	48.1	38.4	57.6

