

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
 Data File : BM002817.D
 Acq On : 01 Oct 2015 23:15
 Operator : UM/IZ
 Sample : G3831-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AP5

Manual Integrations
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Quant Time: Oct 02 07:38:55 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 05:57:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	56686m	20.00	ng/ul	0.02
18) Naphthalene-d8	11.56	136	291372	20.00	ng/ul	0.01
36) Acenaphthene-d10	15.28	164	145526	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.99	188	302657	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	330766	20.00	ng/ul	0.00
86) Perylene-d12	24.66	264	331054	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.76	96	1735	1.42	ng/uL	0.00
5) Phenol-d5	7.82	99	35503	8.27	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.99	67	94178	38.98	ng/ul	0.01
9) 2-Chlorophenol-d4	8.22	132	123404	30.87	ng/ul	0.01
13) 4-Methylphenol-d8	9.40	113	70492	19.91	ng/ul	0.02
19) Nitrobenzene-d5	9.91	128	72849	32.79	ng/ul	0.03
22) 2-Nitrophenol-d4	10.62	143	78745	33.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	11.16	165	120677	29.45	ng/ul	0.01
29) 4-Chloroaniline-d4	11.68	131	11919	2.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	385290	35.19	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	500119	34.23	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	10669	5.49	ng/ul	0.00
58) Fluorene-d10	16.26	176	332764	33.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	42550	28.83	ng/ul	0.00
71) Anthracene-d10	18.09	188	494273	34.22	ng/ul	0.00
79) Pyrene-d10	20.32	212	530059	34.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	579297	34.21	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	6671	4.94	ng/uL	91
6) Phenol	7.84	94	28643	6.45	ng/ul	100
10) 2-Chlorophenol	8.25	128	20681	5.10	ng/ul	96
11) 2-Methylphenol	9.12	108	128959m	37.63	ng/ul	
20) Nitrobenzene	10.00	77	8248280	1874.87	ng/ul	97
30) 4-Chloroaniline	11.66	127	691553m	135.80	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	127189	27.99	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.10	216	187165	41.02	ng/uL	98
74) Pentachlorobenzene	15.59	250	6506	1.53	ng/ul	92

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

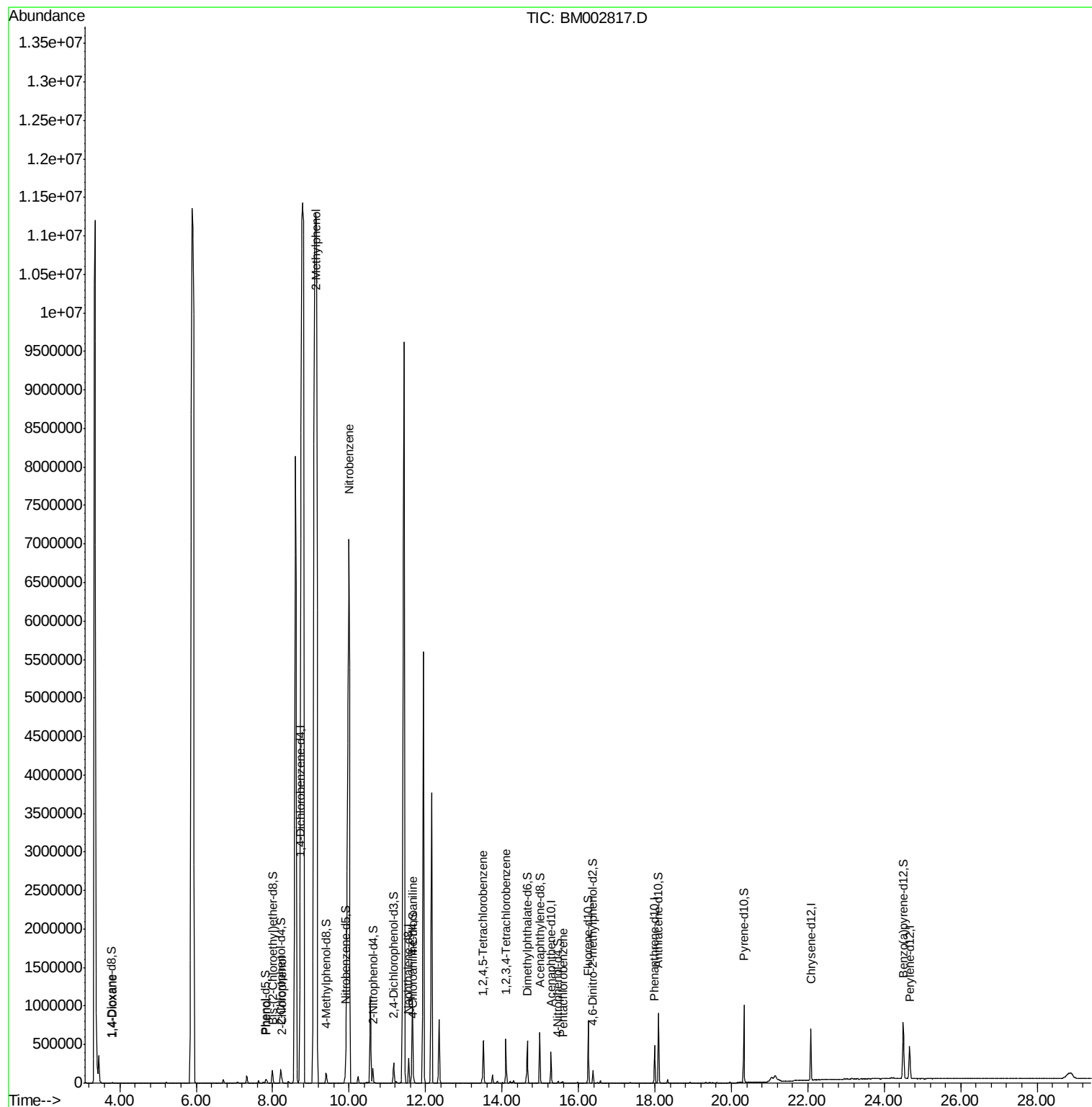
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
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Operator : UM/IZ
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ALS Vial : 15 Sample Multiplier: 1

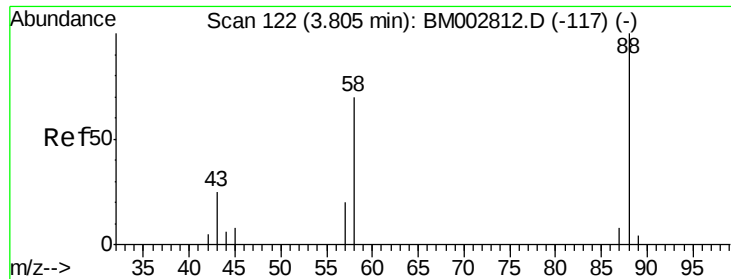
Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations
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Quant Time: Oct 02 07:38:55 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 4.94 ng/uL

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BM002817.D

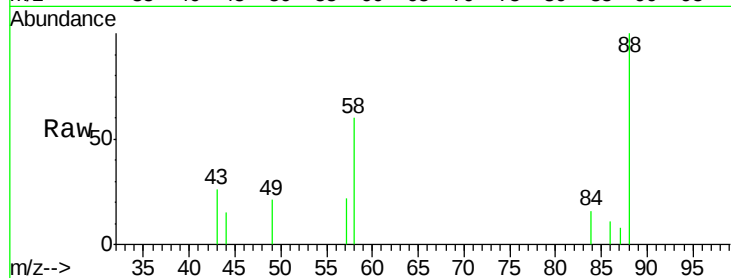
Acq: 01 Oct 2015 23:15

Instrument :

BNA_M

ClientSampled :

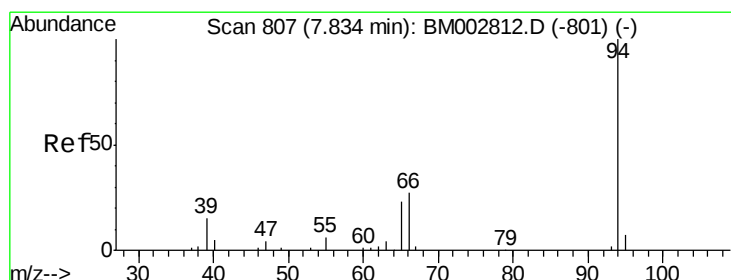
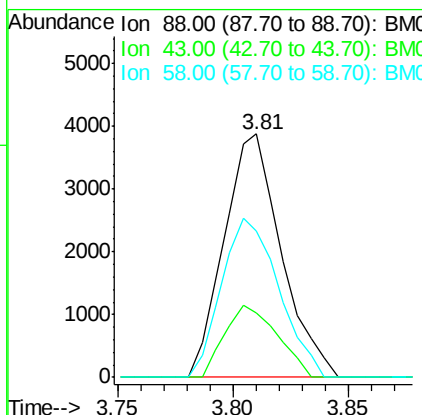
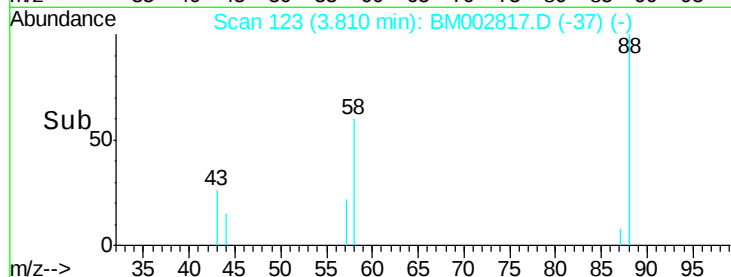
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Tgt Ion:	88	Resp:	6671
Ion	Ratio	Lower	Upper
88	100		
43	27.0	26.2	39.4
58	65.6	58.5	87.7

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#6

Phenol

Concen: 6.45 ng/uL

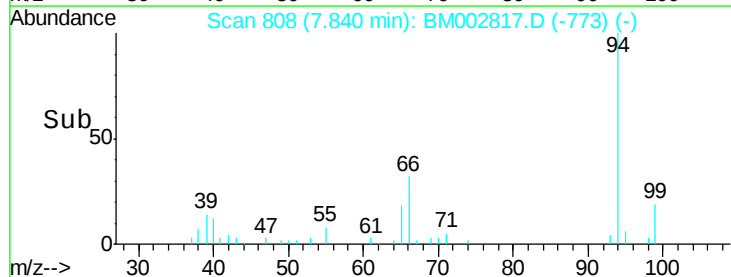
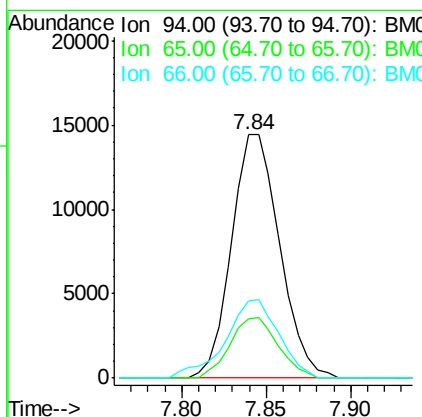
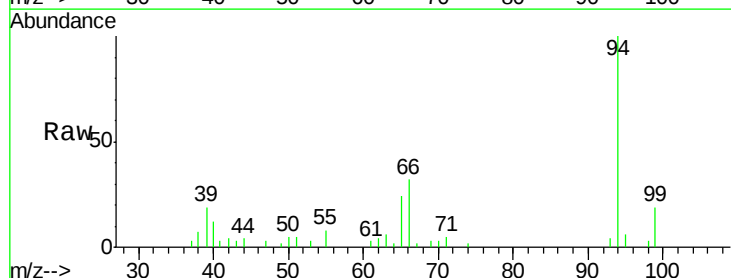
RT: 7.84 min Scan# 808

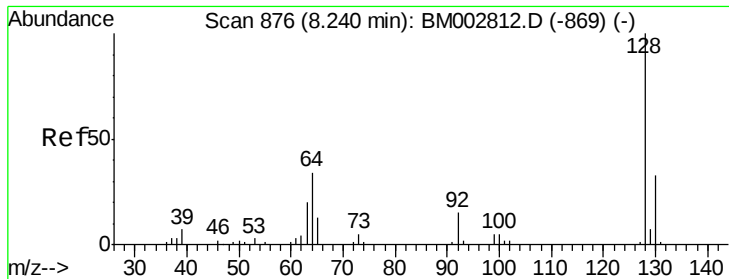
Delta R.T. 0.01 min

Lab File: BM002817.D

Acq: 01 Oct 2015 23:15

Tgt Ion:	94	Resp:	28643
Ion	Ratio	Lower	Upper
94	100		
65	24.3	19.4	29.2
66	31.6	25.2	37.8





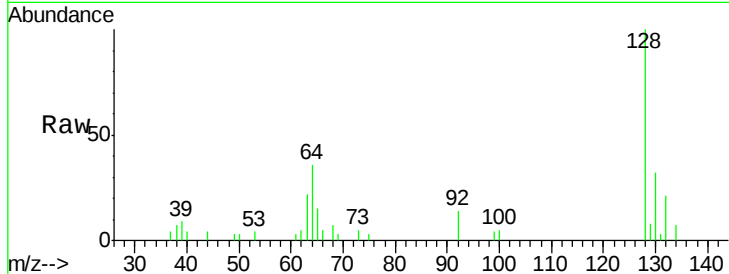
#10
2-Chlorophenol
Concen: 5.10 ng/ul
RT: 8.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

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BNA_M
ClientSampleId :
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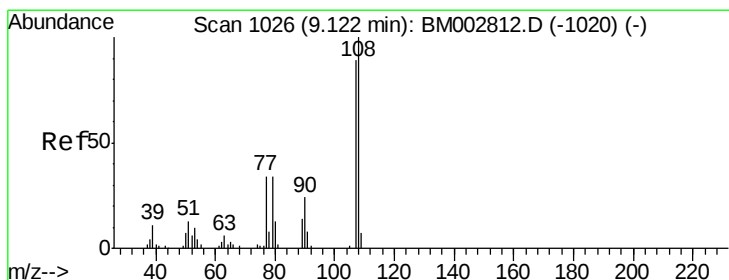
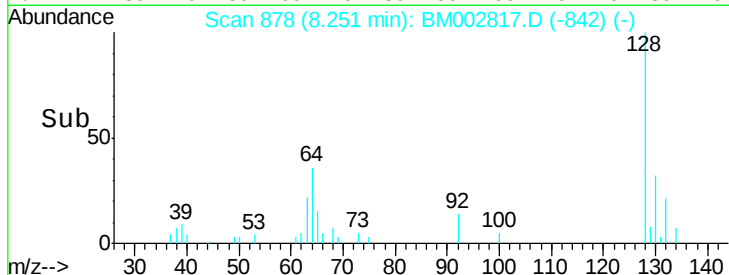
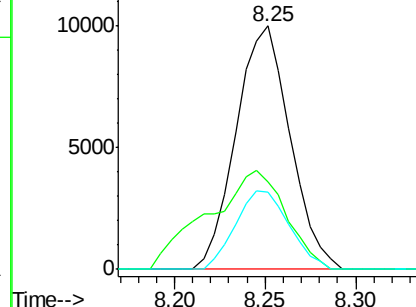
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	20681		
64	35.9	32.1	48.1	
130	31.6	25.8	38.6	

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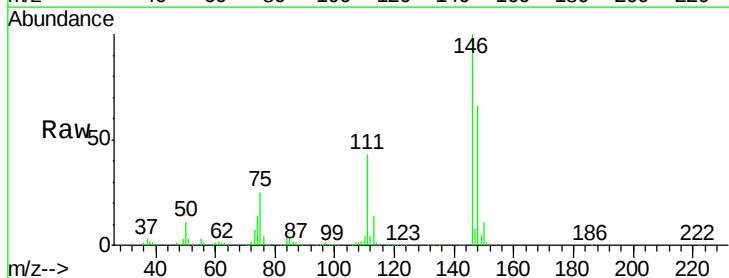


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

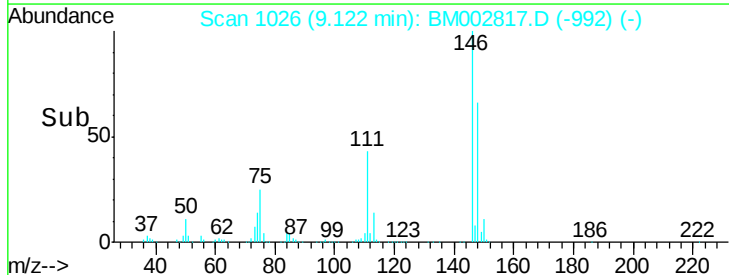
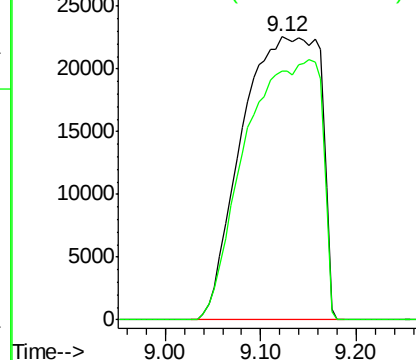


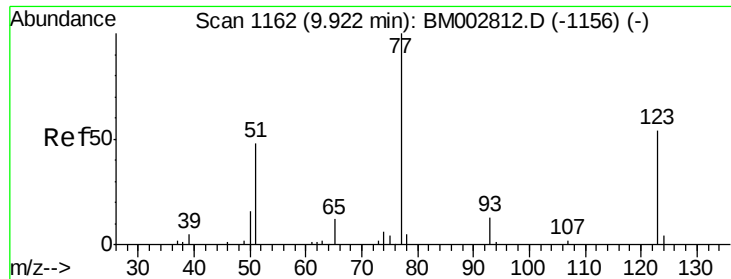
#11
2-Methylphenol
Concen: 37.63 ng/ul m
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	128959		
107	87.8	70.7	106.1	



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





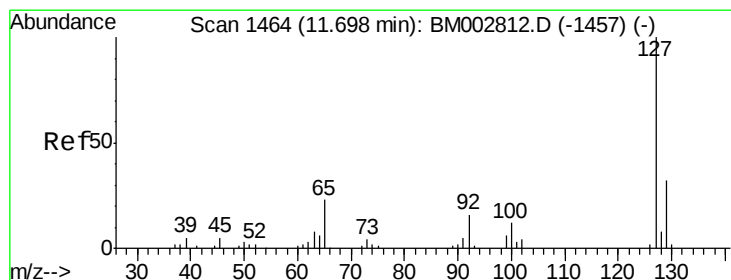
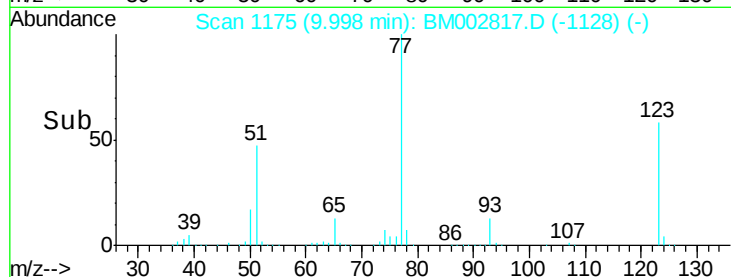
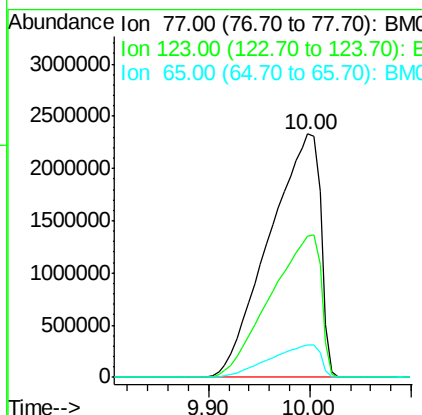
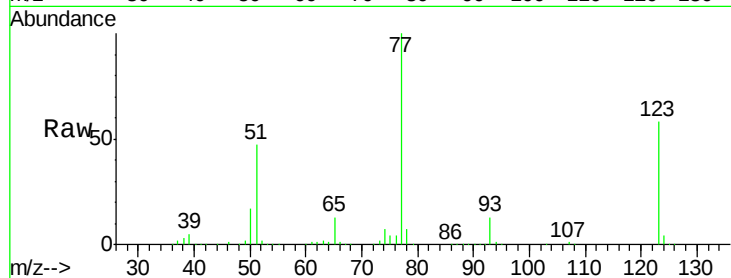
#20
Nitrobenzene
Concen: 1874.87 ng/ul
RT: 10.00 min Scan# 1175
Delta R.T. 0.08 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

Instrument :
BNA_M
ClientSampleId :
C0AP5

Tgt Ion: 77 Resp: 8248280
Ion Ratio Lower Upper
77 100
123 58.2 44.3 66.5
65 13.3 10.1 15.1

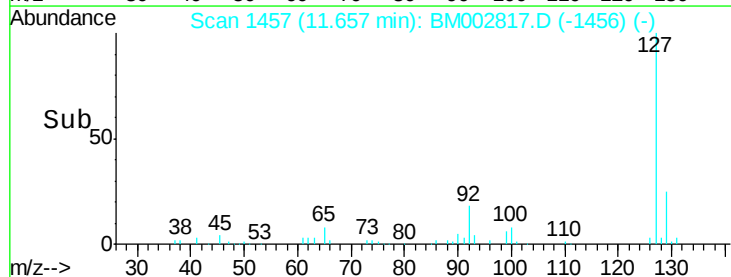
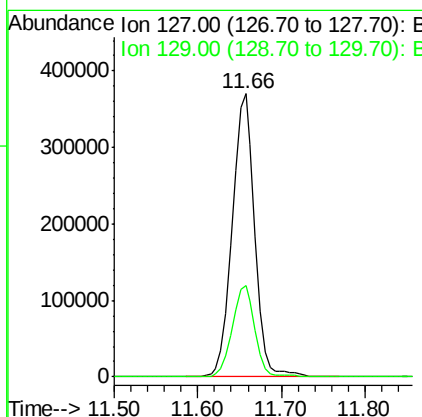
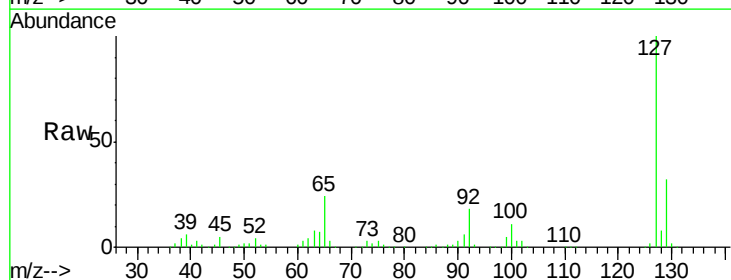
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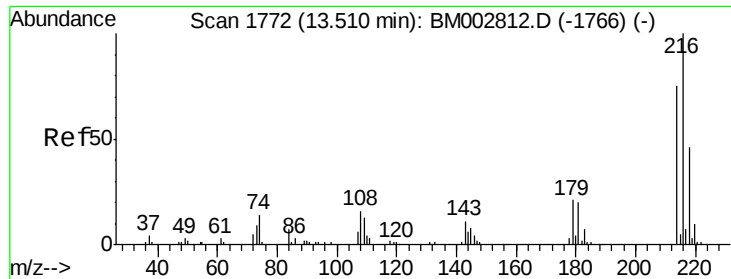
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#30
4-Chloroaniline
Concen: 135.80 ng/ul m
RT: 11.66 min Scan# 1457
Delta R.T. -0.04 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

Tgt Ion: 127 Resp: 691553
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5





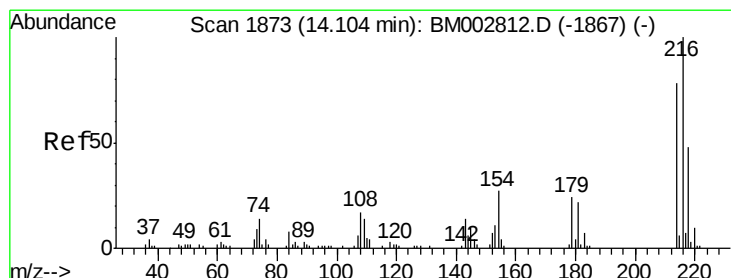
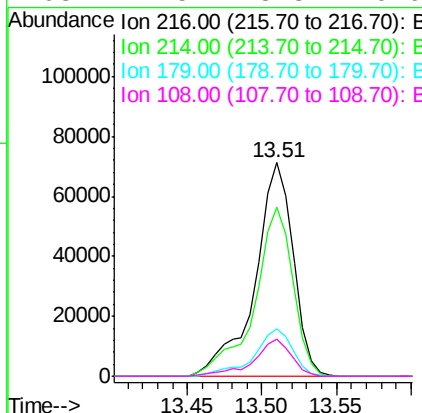
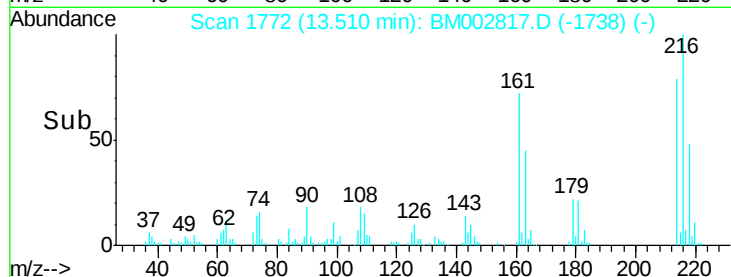
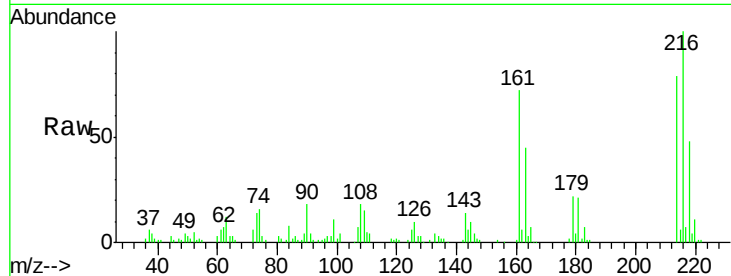
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.99 ng/uL
 RT: 13.51 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BM002817.D
 Acq: 01 Oct 2015 23:15

Instrument :
 BNA_M
 ClientSampled :
 C0AP5

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	127189		
214	79.4	63.8	95.8	
179	22.0	17.8	26.6	
108	17.5	13.3	19.9	

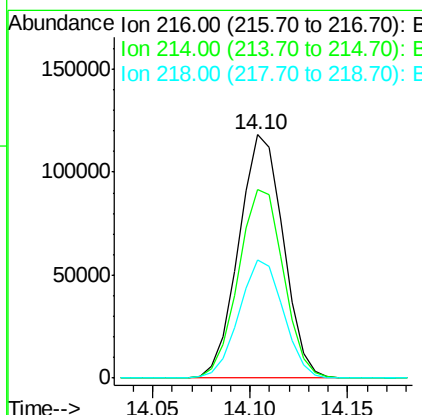
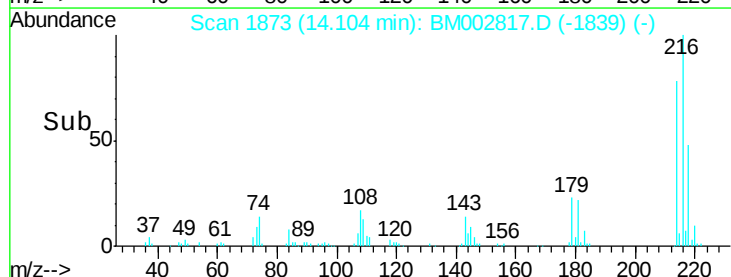
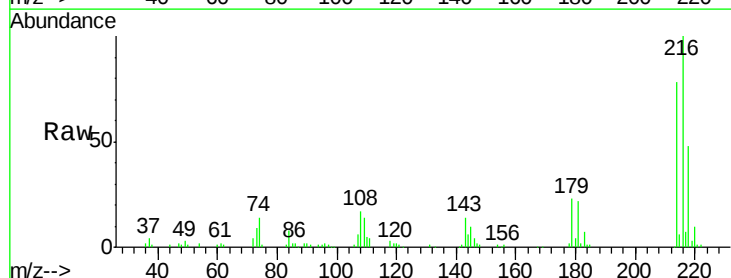
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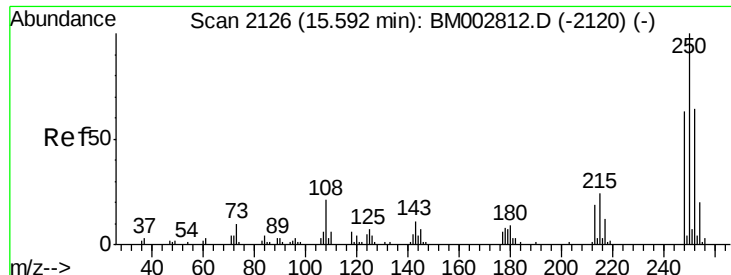
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 41.02 ng/uL
 RT: 14.10 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM002817.D
 Acq: 01 Oct 2015 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	187165		
214	77.6	63.0	94.6	
218	48.3	37.0	55.6	





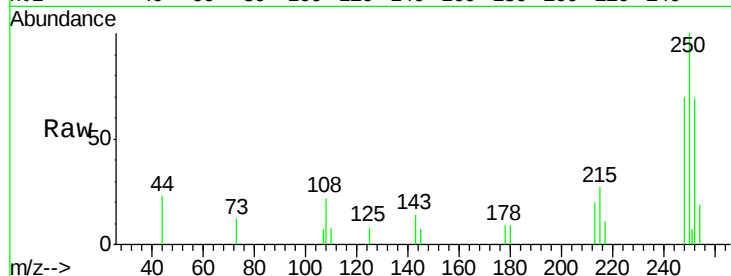
#74
 Pentachlorobenzene
 Concen: 1.53 ng/uL
 RT: 15.59 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BM002817.D
 Acq: 01 Oct 2015 23:15

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
250	100		
248	70.0	50.5	75.7
252	69.3	51.0	76.4

Manual Integrations
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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

