

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

Quant Time: Oct 02 05:58:51 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	52537	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	1.53	ng/uL	0.00
5) Phenol-d5	7.82	99	35503	8.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.99	67	94178	42.06	ng/ul	0.01
9) 2-Chlorophenol-d4	8.22	132	123404	33.30	ng/ul	0.01
13) 4-Methylphenol-d8	9.40	113	70492	21.48	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

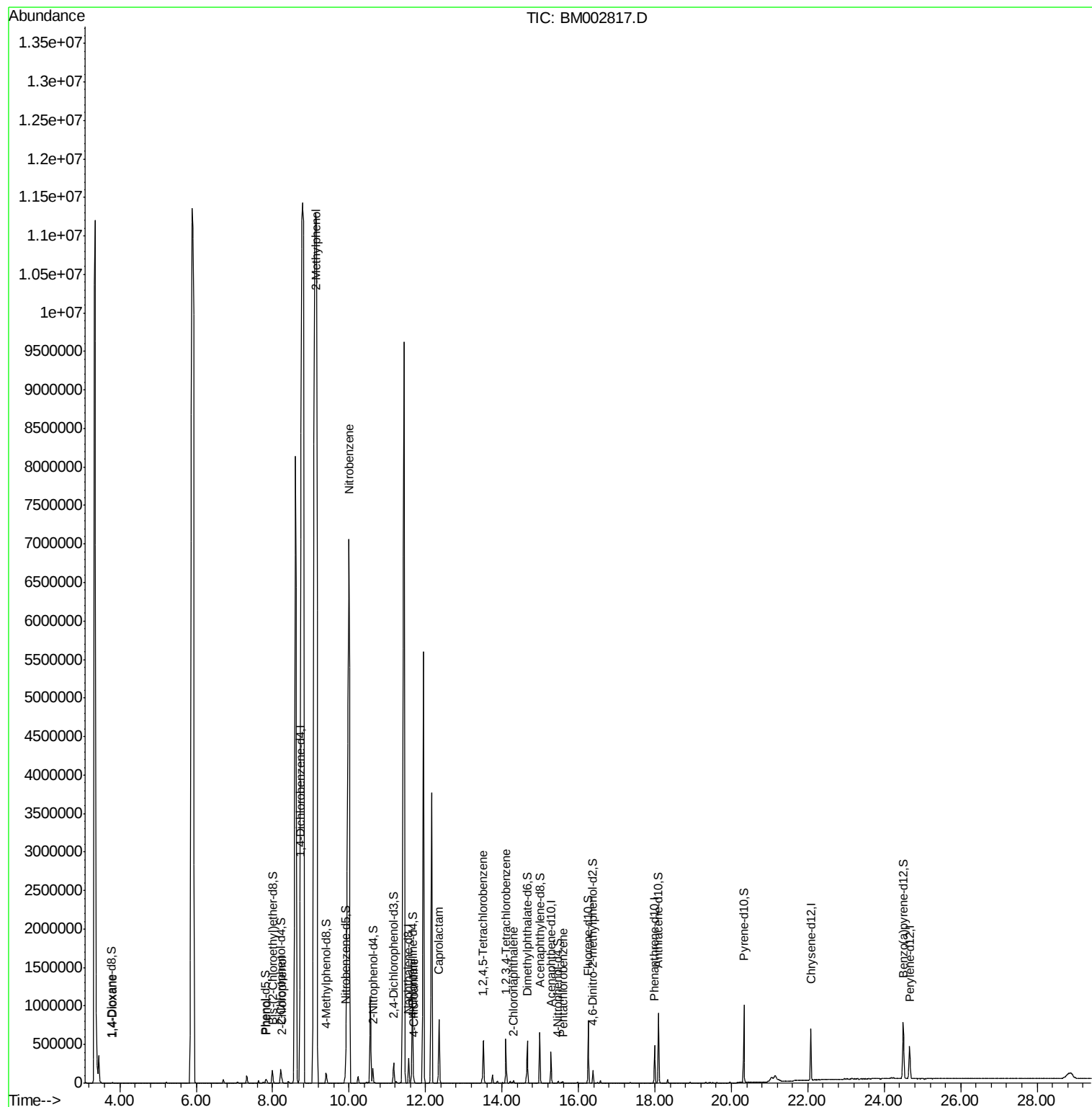
						Qvalue
2) 1,4-Dioxane	3.81	88	6671	5.33	ng/uL	91
6) Phenol	7.84	94	28643	6.96	ng/ul	100
10) 2-Chlorophenol	8.25	128	20681	5.50	ng/ul	96
11) 2-Methylphenol	9.12	108	85887	27.04	ng/ul	99
20) Nitrobenzene	10.00	77	8248280	1874.87	ng/ul	97
30) 4-Chloroaniline	11.70	127	10562	2.07	ng/ul	99
32) Caprolactam	12.35	113	68939	52.81	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	127189	27.99	ng/ul	99
42) 2-Chloronaphthalene	14.30	162	12169	1.28	ng/ul#	44
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

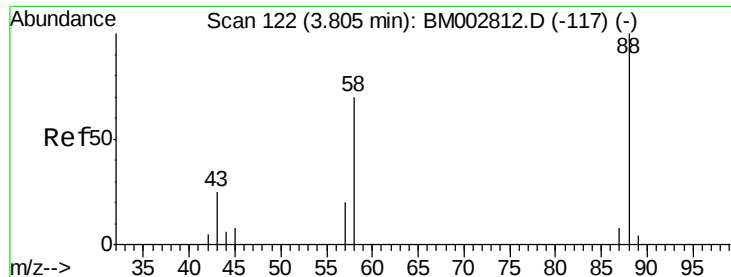
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.33 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

ClientSampleId :

C0AP5

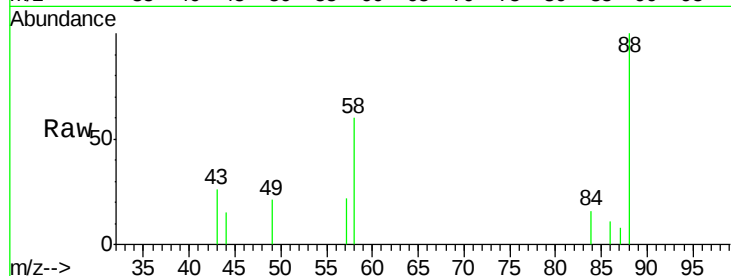
Tgt Ion: 88 Resp: 6671

Ion Ratio Lower Upper

88 100

43 27.0 26.2 39.4

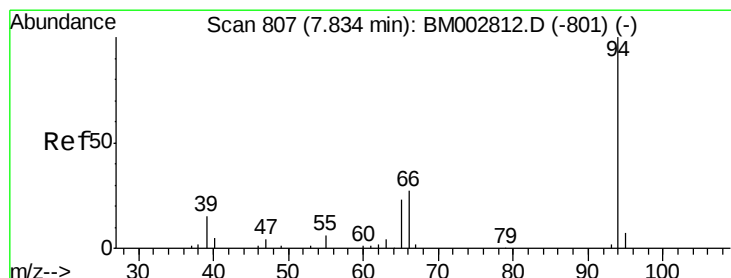
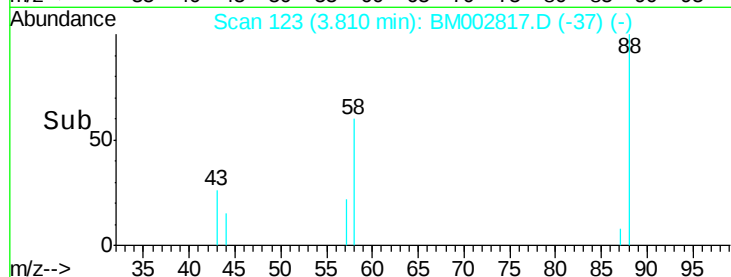
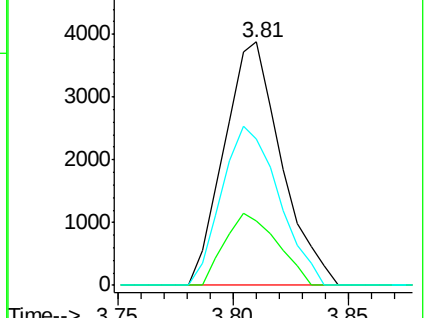
58 65.6 58.5 87.7



Abundance Ion 88.00 (87.70 to 88.70): BM002817.D (-117) (-)

Ion 43.00 (42.70 to 43.70): BM002817.D (-117) (-)

Ion 58.00 (57.70 to 58.70): BM002817.D (-117) (-)



#6

Phenol

Concen: 6.96 ng/uL

RT: 7.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BM002817.D

Acq: 01 Oct 2015 23:15

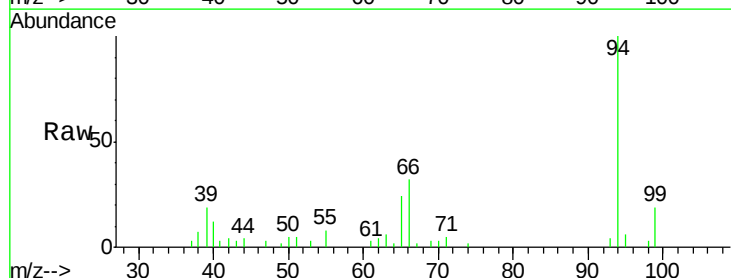
Tgt Ion: 94 Resp: 28643

Ion Ratio Lower Upper

94 100

65 24.3 19.4 29.2

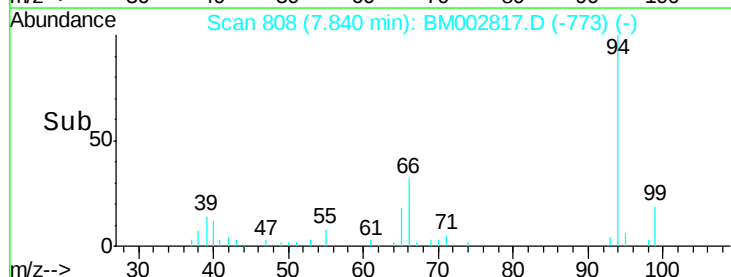
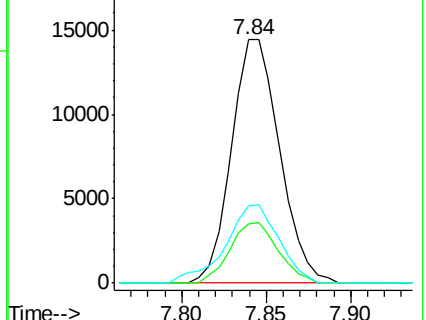
66 31.6 25.2 37.8

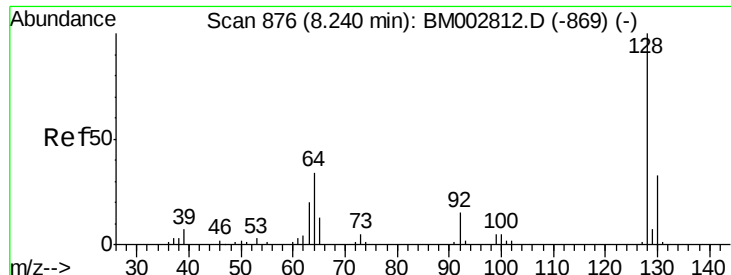


Abundance Ion 94.00 (93.70 to 94.70): BM002817.D (-801) (-)

Ion 65.00 (64.70 to 65.70): BM002817.D (-801) (-)

Ion 66.00 (65.70 to 66.70): BM002817.D (-801) (-)

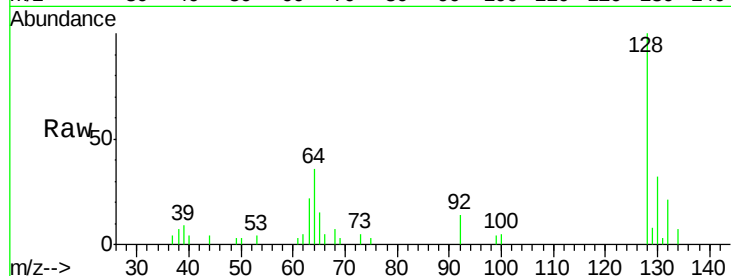




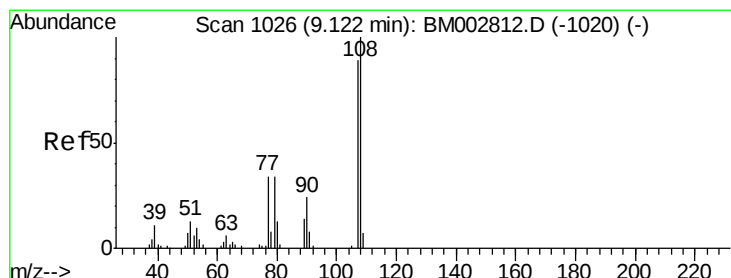
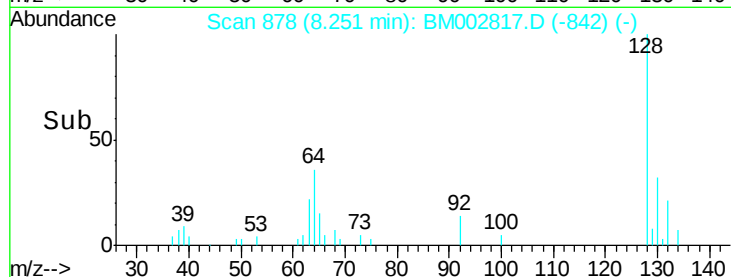
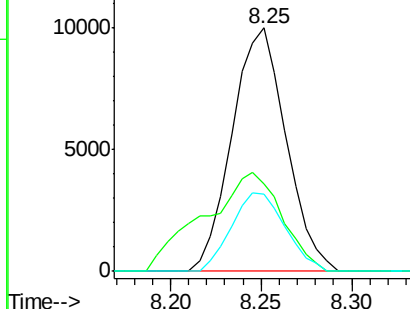
#10
2-Chlorophenol
Concen: 5.50 ng/ul
RT: 8.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

Instrument :
BNA_M
ClientSampled :
C0AP5

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

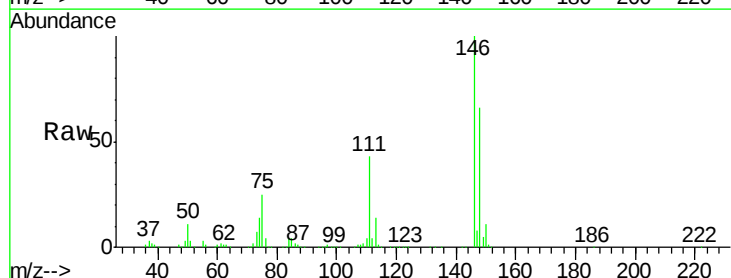


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

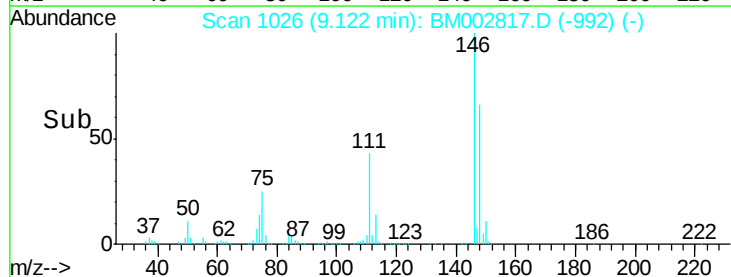
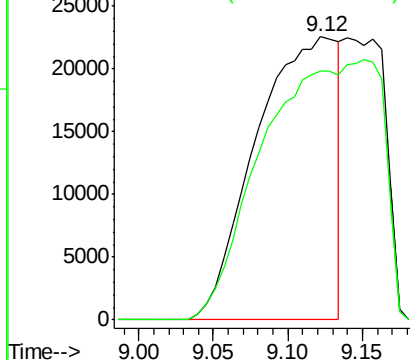


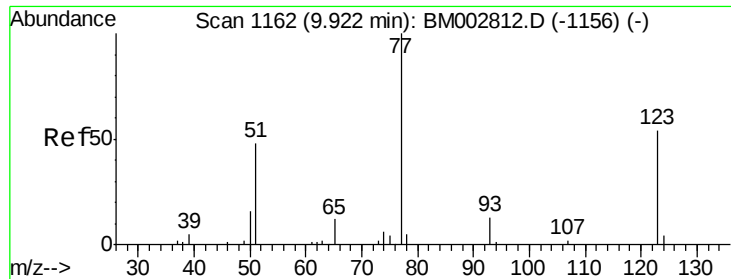
#11
2-Methylphenol
Concen: 27.04 ng/ul
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

Tgt Ion:108 Resp: 85887
Ion Ratio Lower Upper
108 100
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

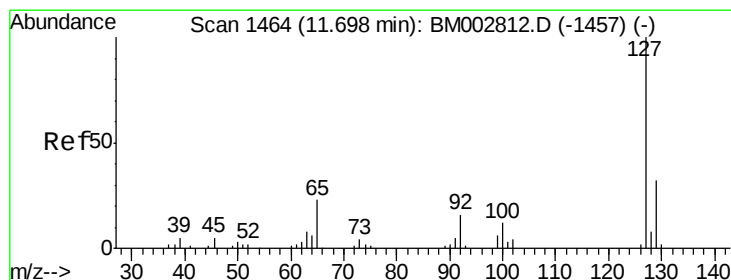
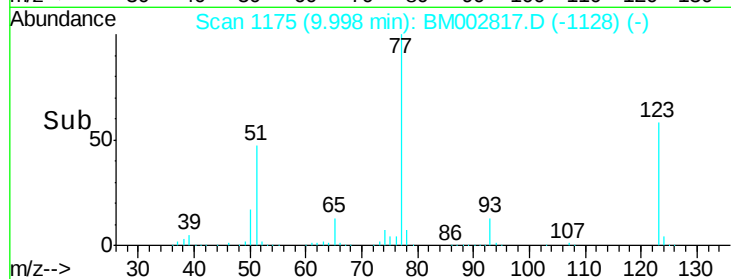
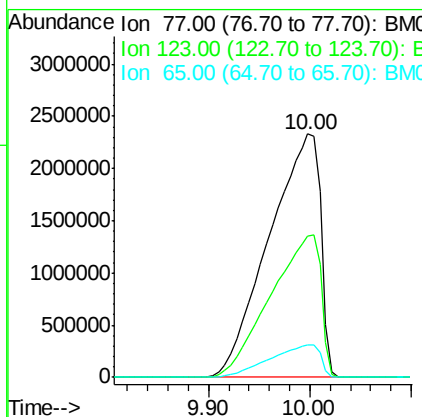
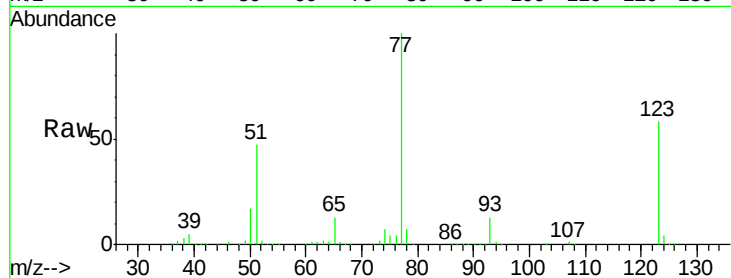




#20
Nitrobenzene
Concen: 1874.87 ng/ul
RT: 10.00 min Scan# 1175
Delta R.T. 0.08 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

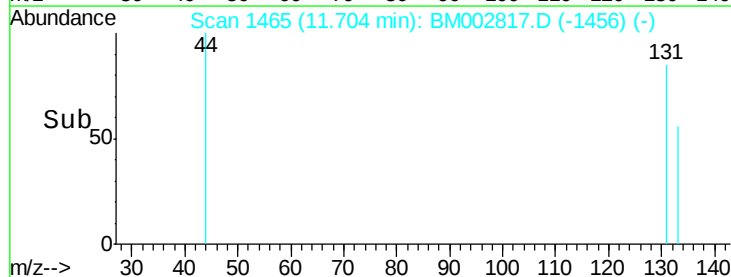
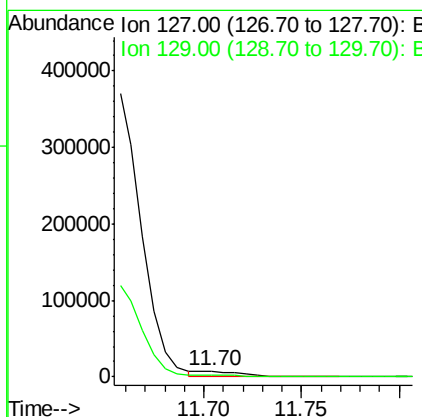
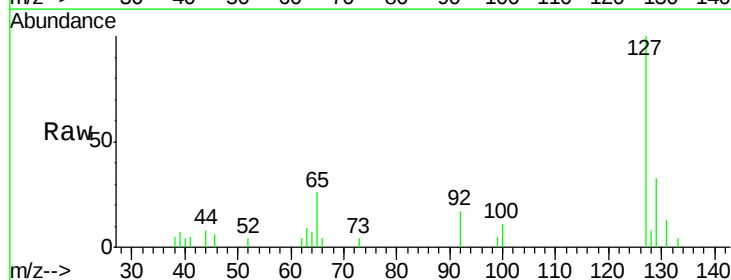
Instrument :
BNA_M
ClientSampleId :
C0AP5

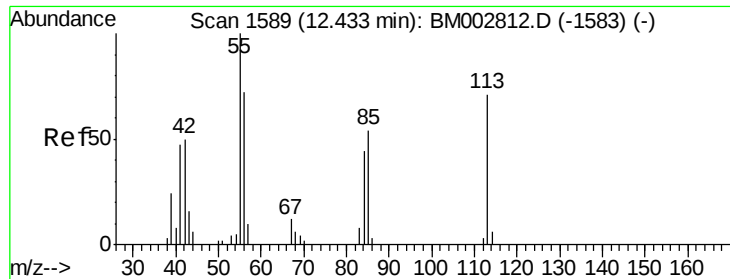
Tgt Ion: 77 Resp: 8248280
Ion Ratio Lower Upper
77 100
123 58.2 44.3 66.5
65 13.3 10.1 15.1



#30
4-Chloroaniline
Concen: 2.07 ng/ul
RT: 11.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BM002817.D
Acq: 01 Oct 2015 23:15

Tgt Ion: 127 Resp: 10562
Ion Ratio Lower Upper
127 100
129 33.3 26.3 39.5





#32

Caprolactam

Concen: 52.81 ng/ul

RT: 12.35 min Scan# 1575

Delta R.T. -0.08 min

Lab File: BM002817.D

Acq: 01 Oct 2015 23:15

Instrument :

BNA_M

ClientSampled :

C0AP5

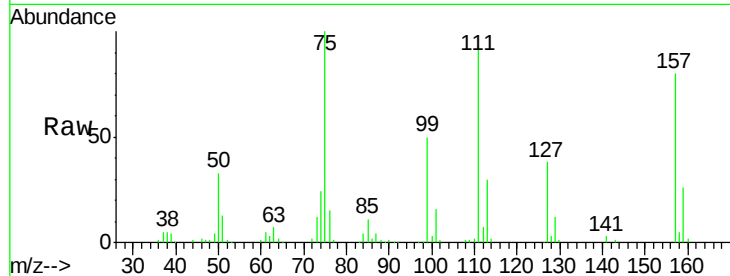
Tgt Ion:113 Resp: 68939

Ion Ratio Lower Upper

113 100

55 0.0 118.3 177.5#

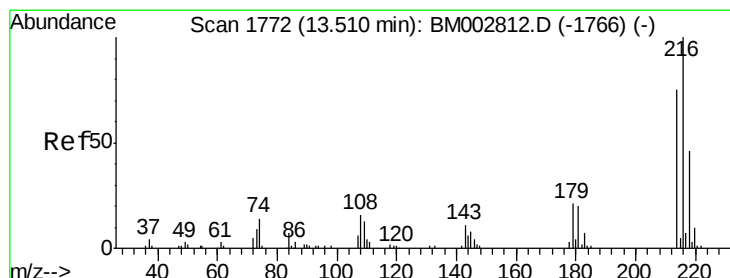
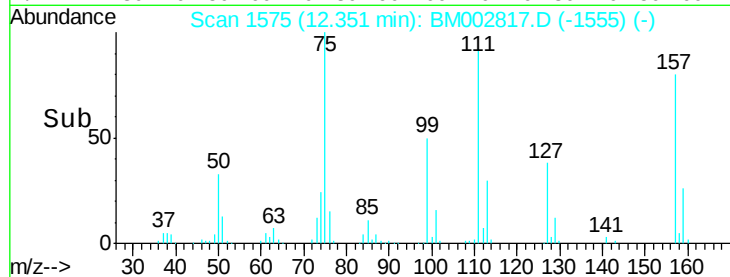
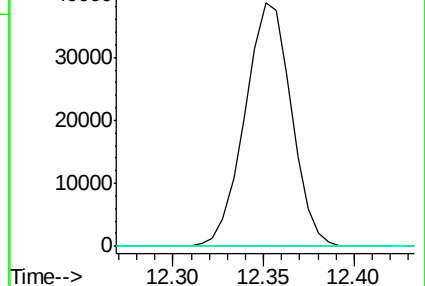
56 0.0 87.4 131.0#



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: 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

Tgt Ion:216 Resp: 127189

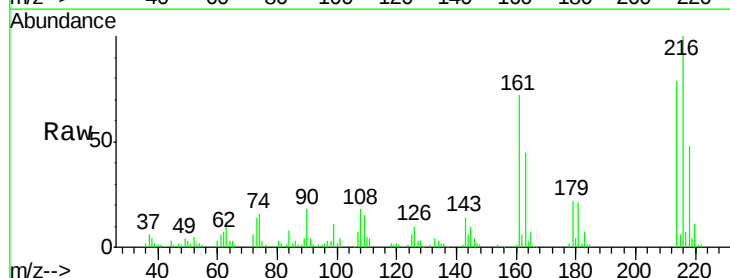
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 22.0 17.8 26.6

108 17.5 13.3 19.9



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

