

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008823.D
 Acq On : 24 Jan 2017 04:07
 Operator : UM/SJ
 Sample : I1323-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5

Quant Time: Jan 24 06:03:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	70525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	359159	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.57	164	289649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	625180	20.00	ng/ul	0.01
75) Chrysene-d12	21.49	240	678919	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	593514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	2727	1.91	ng/uL	0.00
5) Phenol-d5	7.10	99	42811	7.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.27	67	182866	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	110445	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	81668	17.46	ng/ul	0.01
19) Nitrobenzene-d5	9.10	128	83378	36.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	98542	35.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	183602	31.56	ng/ul	0.02
29) 4-Chloroaniline-d4	10.89	131	3204	0.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	729125	38.42	ng/ul	0.11
46) Acenaphthylene-d8	14.27	160	898818	40.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	1033	0.33	ng/ul	0.00
57) Fluorene-d10	15.57	176	646524	35.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	21929133	5890.72	ng/ul	0.08
70) Anthracene-d10	17.43	188	1097101	40.13	ng/ul	0.02
76) Pyrene-d10	19.71	212	1205997	40.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1017633	40.49	ng/ul	0.00
Target Compounds						
4) Benzaldehyde	7.08	77	19416	3.95	ng/ul#	1
6) Phenol	7.13	94	26086	4.01	ng/ul#	39
11) 2-Methylphenol	8.39	108	7116	1.52	ng/ul#	1
14) Acetophenone	8.77	105	41777	4.87	ng/ul#	51
16) 4-Methylphenol	8.71	108	27518	5.47	ng/ul#	74
17) Hexachloroethane	9.04	117	30561	12.32	ng/ul#	4
21) Isophorone	9.67	82	29715	1.83	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.31	93	9211	1.14	ng/ul	96
30) 4-Chloroaniline	10.83	127	5211378	803.23	ng/ul#	21
34) 2-Methylnaphthalene	12.41	142	4146343	307.99	ng/ul	97
38) 2,4,6-Trichlorophenol	13.08	196	3176735	591.47	ng/ul	99
39) 2,4,5-Trichlorophenol	13.08	196	3176735	550.74	ng/ul	99
40) 1,1'-Biphenyl	13.41	154	663229	37.05	ng/ul#	97
41) 2-Chloronaphthalene	13.59	162	4952817	351.67	ng/ul#	41
47) Acenaphthylene	14.30	152	98389	4.55	ng/ul#	83
49) Acenaphthene	14.64	153	809452	53.19	ng/ul	97
52) 4-Nitrophenol	14.76	109	31926	4.88	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.20	232	452591	78.13	ng/ul#	92
58) Fluorene	15.62	166	592841	30.32	ng/ul	96
60) 4-Nitroaniline	15.63	138	9851	2.57	ng/ul#	1
64) N-Nitrosodiphenylamine	15.77	169	5467567	345.76	ng/ul#	31
68) Pentachlorophenol	17.01	266	13395301	2771.74	ng/ul	97
69) Phenanthrene	17.38	178	2542959	82.58	ng/ul	98

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Response via : Initial Calibration

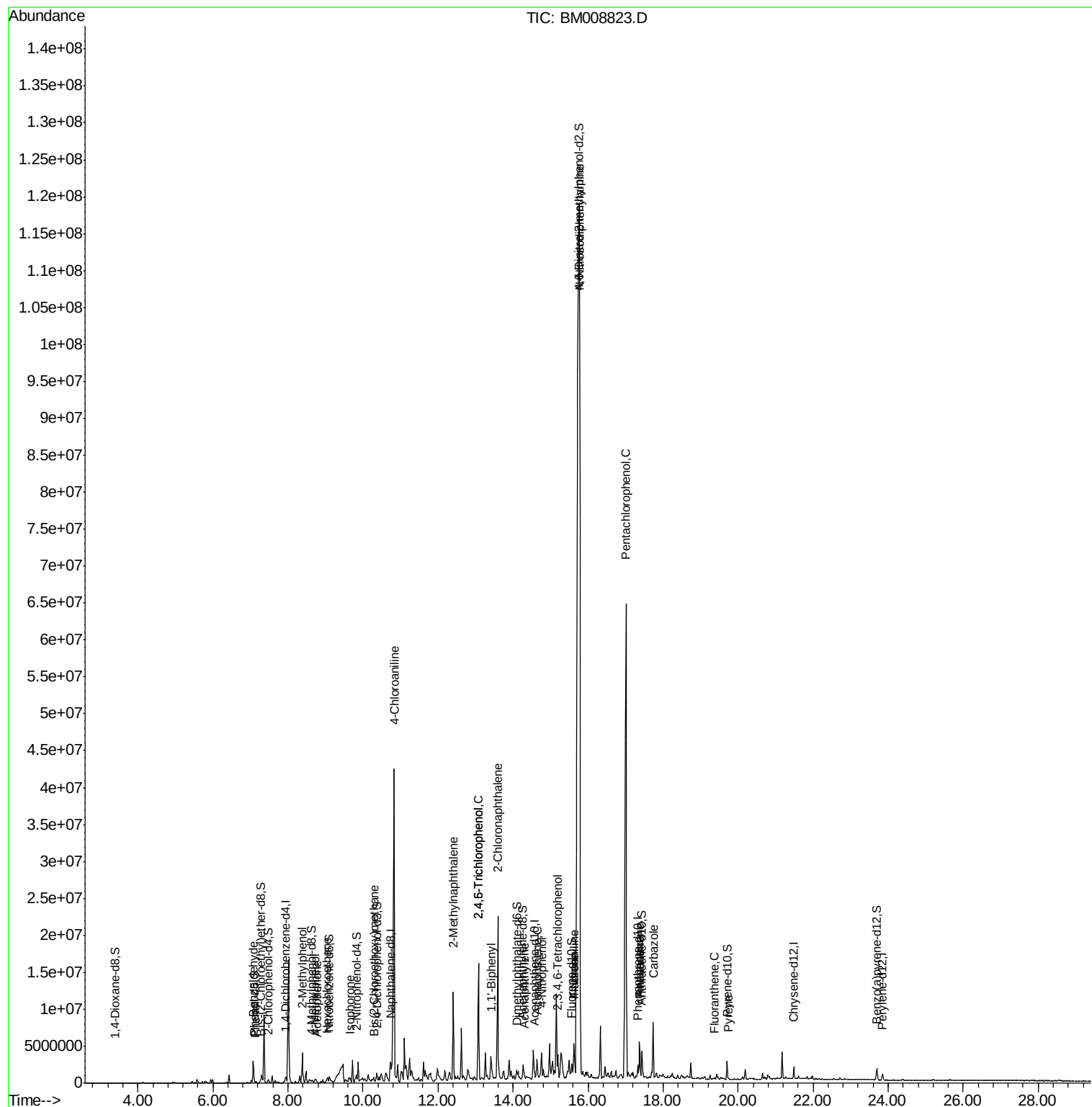
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.38	178	2542959	80.73	ng/ul	98
72) Carbazole	17.74	167	4048577	146.57	ng/ul	98
74) Fluoranthene	19.37	202	125337	3.13	ng/ul	97
77) Pyrene	19.73	202	56397	1.55	ng/ul#	96

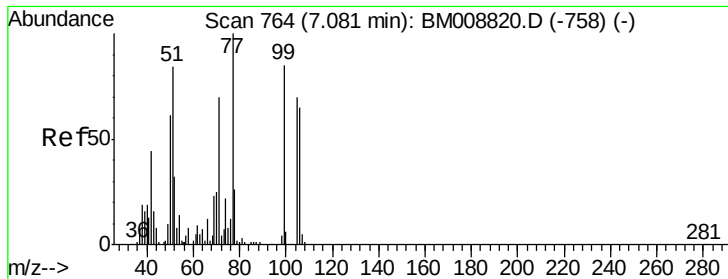
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.95 ng/ul

RT: 7.08 min Scan# 764

Delta R.T. 0.00 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Instrument :

BNA_M

ClientSampleId :

DA9Q5

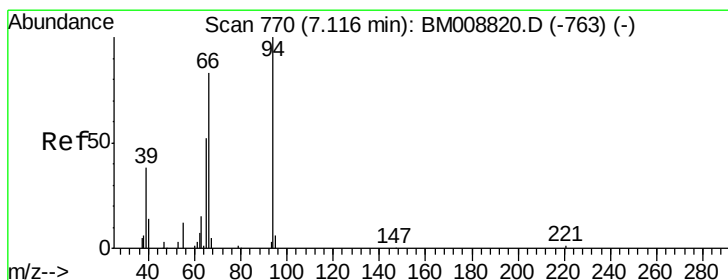
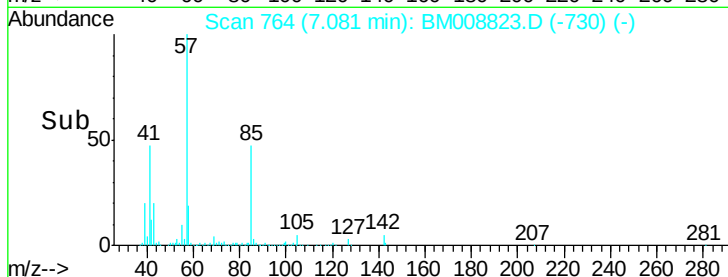
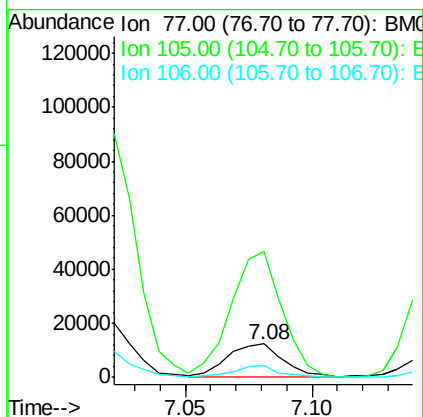
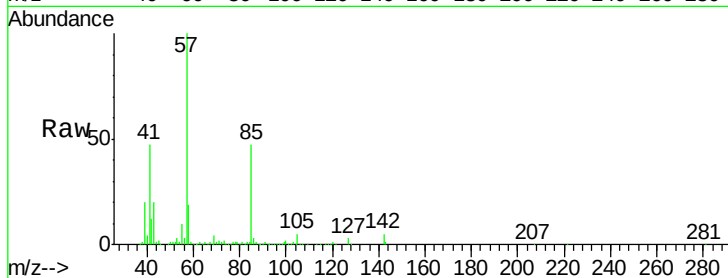
Tgt Ion: 77 Resp: 19416

Ion Ratio Lower Upper

77 100

105 379.0 76.5 114.7#

106 34.9 71.3 106.9#



#6

Phenol

Concen: 4.01 ng/ul

RT: 7.13 min Scan# 772

Delta R.T. 0.01 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

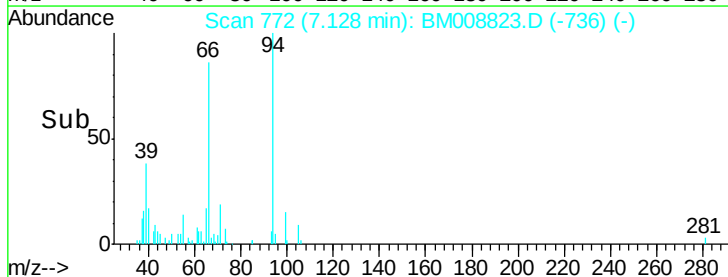
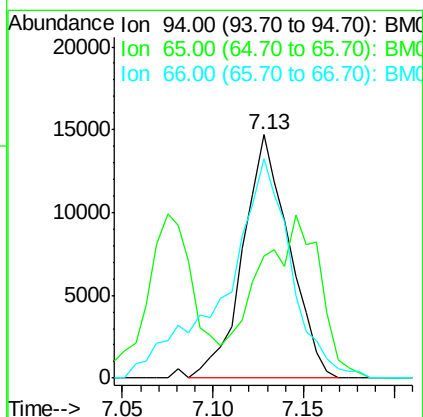
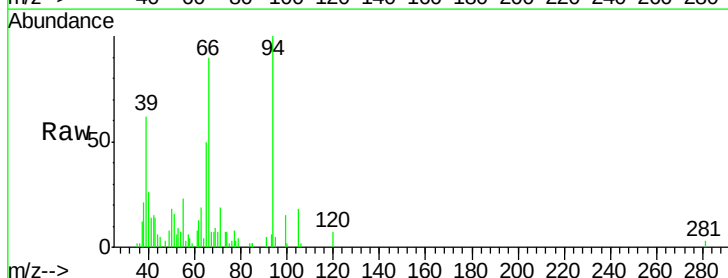
Tgt Ion: 94 Resp: 26086

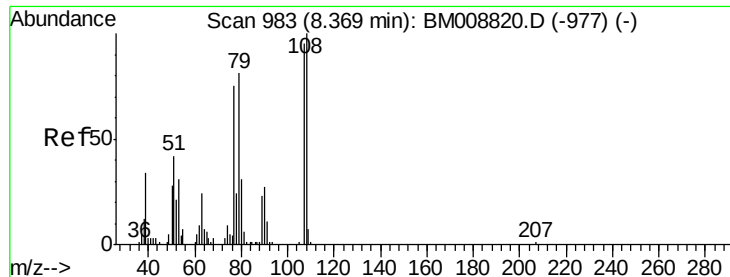
Ion Ratio Lower Upper

94 100

65 50.2 23.1 34.7#

66 90.2 33.7 50.5#

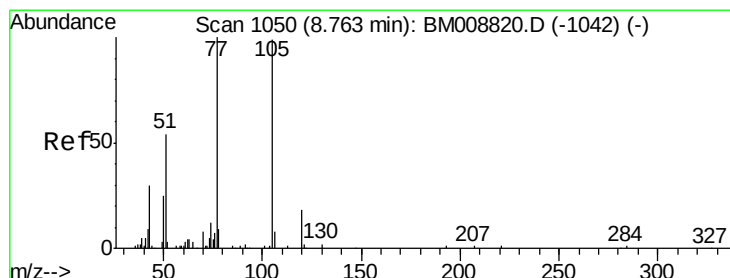
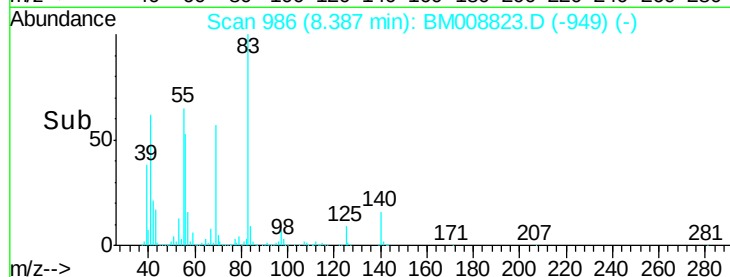
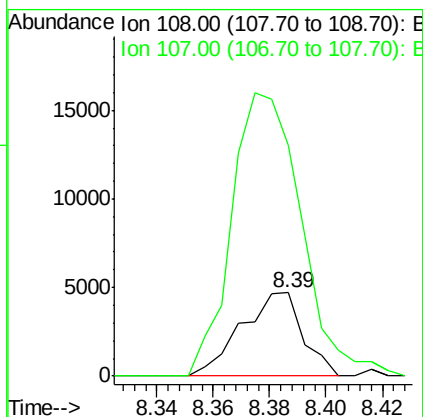
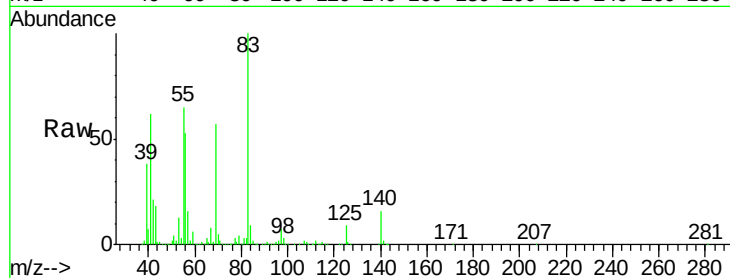




#11
2-Methylphenol
Concen: 1.52 ng/ul
RT: 8.39 min Scan# 986
Delta R.T. 0.02 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

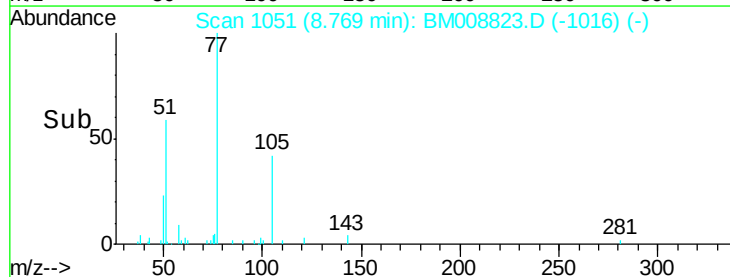
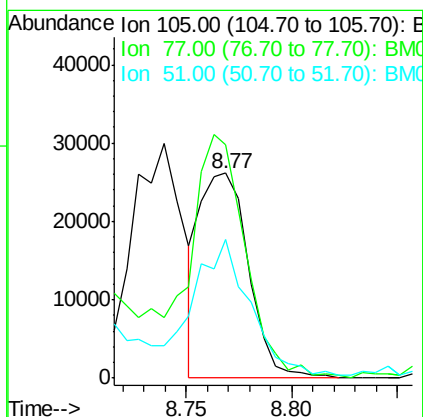
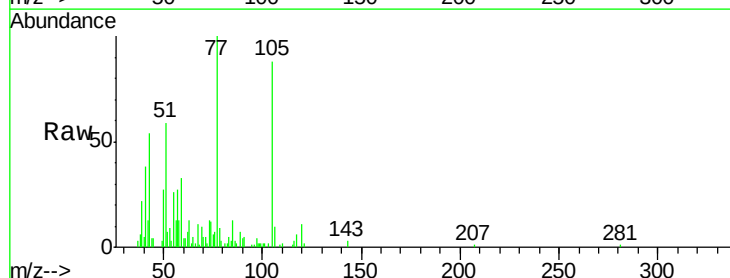
Instrument :
BNA_M
ClientSampleId :
DA9Q5

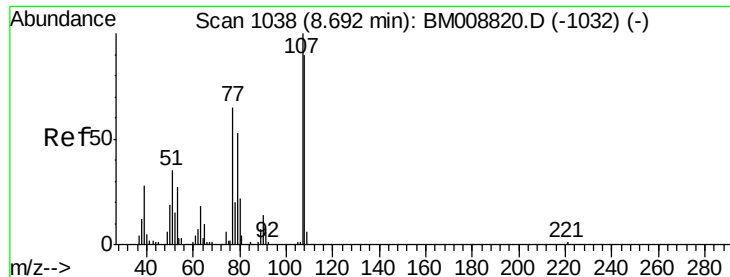
Tgt Ion:108 Resp: 7116
Ion Ratio Lower Upper
108 100
107 276.3 74.6 111.8#



#14
Acetophenone
Concen: 4.87 ng/ul
RT: 8.77 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

Tgt Ion:105 Resp: 41777
Ion Ratio Lower Upper
105 100
77 114.0 64.2 96.4#
51 67.7 19.8 29.6#





#16

4-Methylphenol

Concen: 5.47 ng/ul

RT: 8.71 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Instrument :

BNA_M

ClientSampleId :

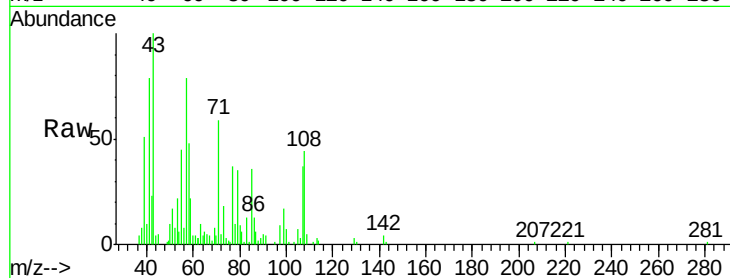
DA9Q5

Tgt Ion:108 Resp: 27518

Ion Ratio Lower Upper

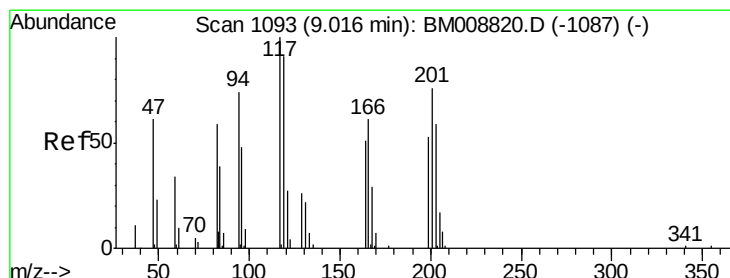
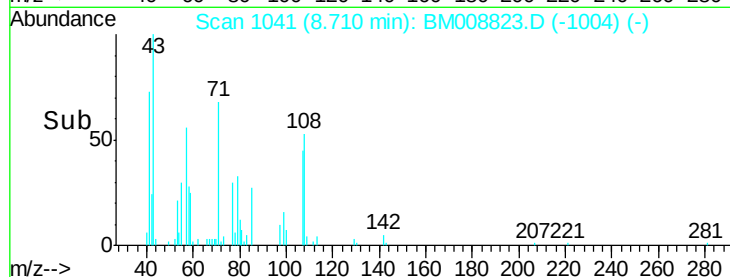
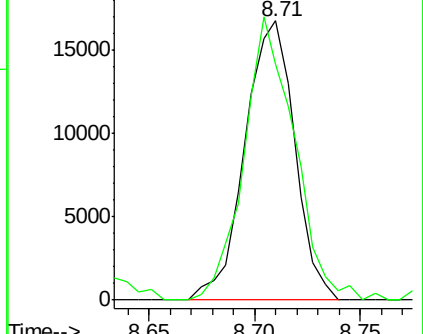
108 100

107 84.5 90.3 135.5#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 12.32 ng/ul

RT: 9.04 min Scan# 1097

Delta R.T. 0.02 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

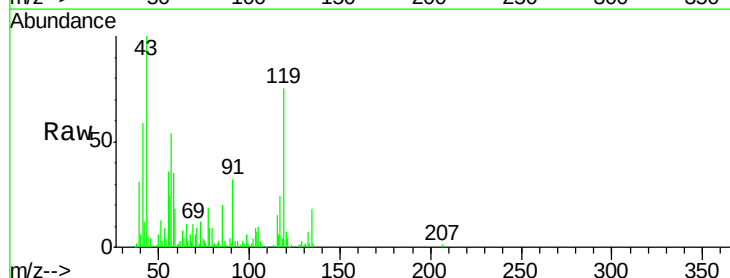
Tgt Ion:117 Resp: 30561

Ion Ratio Lower Upper

117 100

201 0.0 85.4 128.2#

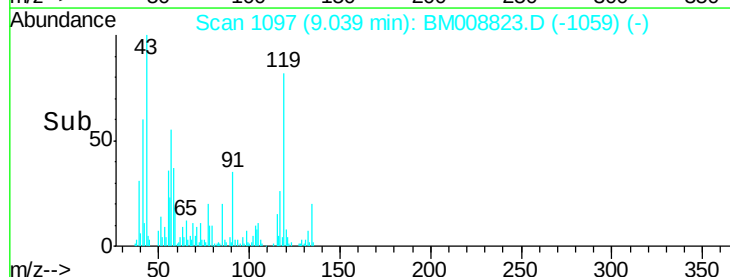
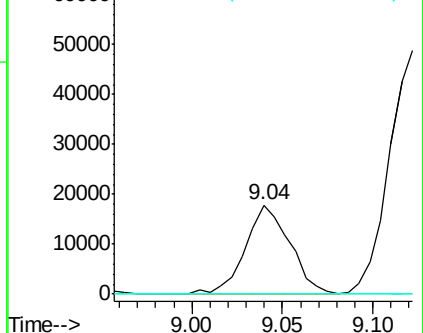
199 0.0 54.1 81.1#

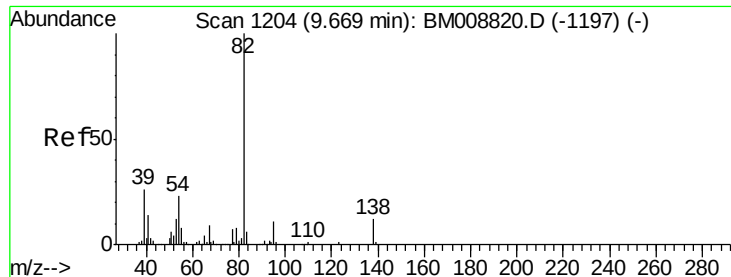


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 1.83 ng/ul

RT: 9.67 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

Instrument :

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ClientSampleId :

DA9Q5

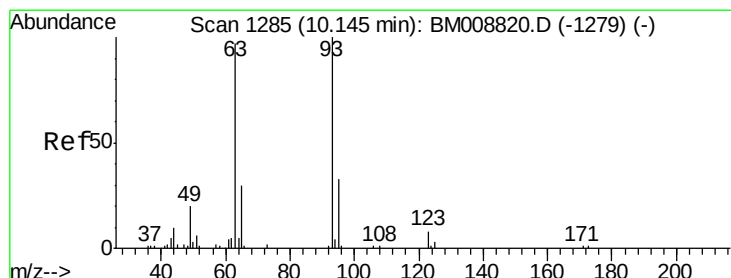
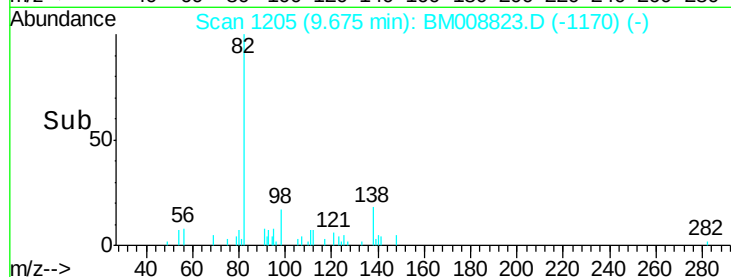
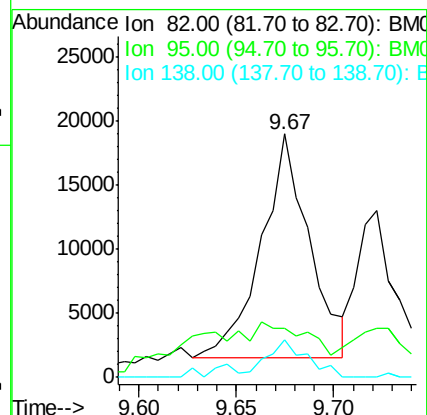
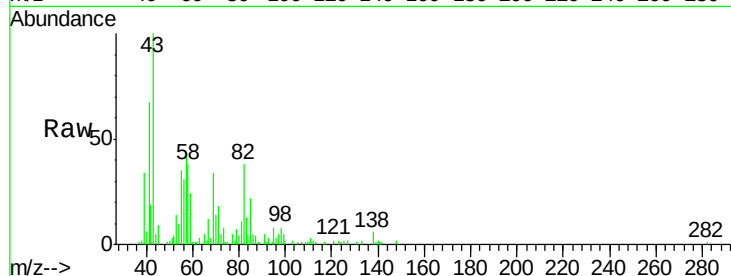
Tgt Ion: 82 Resp: 29715

Ion Ratio Lower Upper

82 100

95 20.1 6.1 9.1#

138 15.3 13.4 20.2



#25

Bis(2-Chloroethoxy)methane

Concen: 1.14 ng/ul

RT: 10.31 min Scan# 1313

Delta R.T. 0.16 min

Lab File: BM008823.D

Acq: 24 Jan 2017 04:07

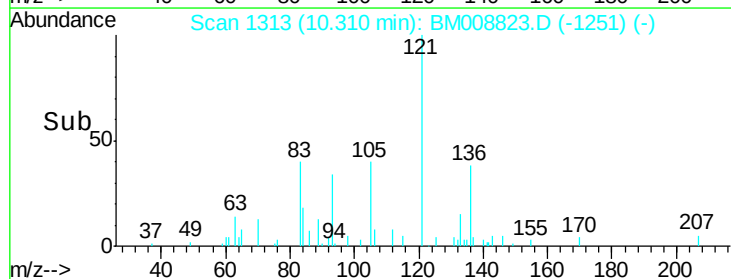
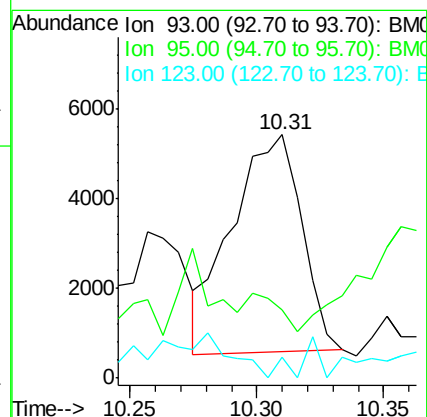
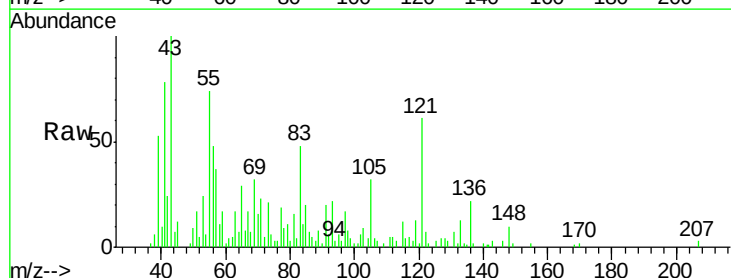
Tgt Ion: 93 Resp: 9211

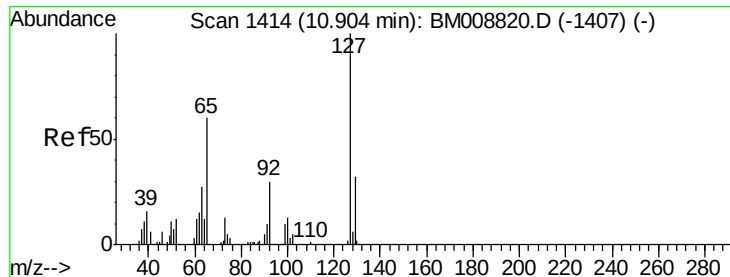
Ion Ratio Lower Upper

93 100

95 27.8 24.2 36.2

123 8.7 8.2 12.2

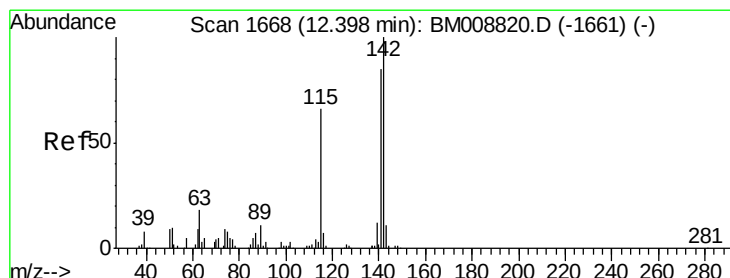
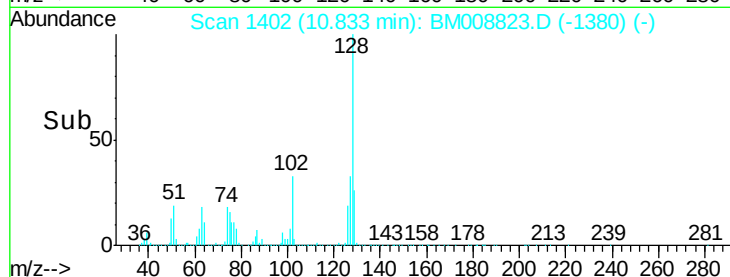
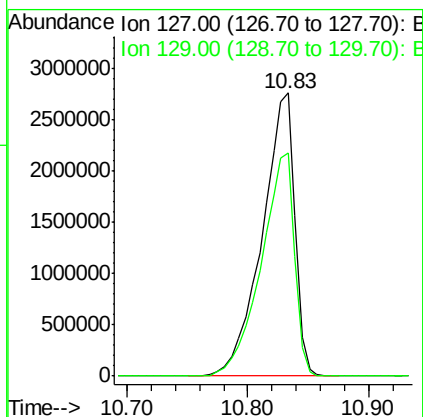
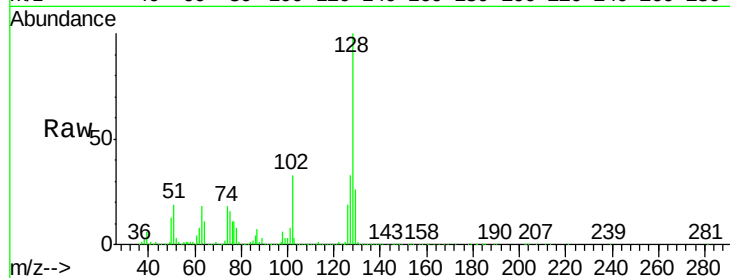




#30
4-Chloroaniline
Concen: 803.23 ng/ul
RT: 10.83 min Scan# 1402
Delta R.T. -0.07 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

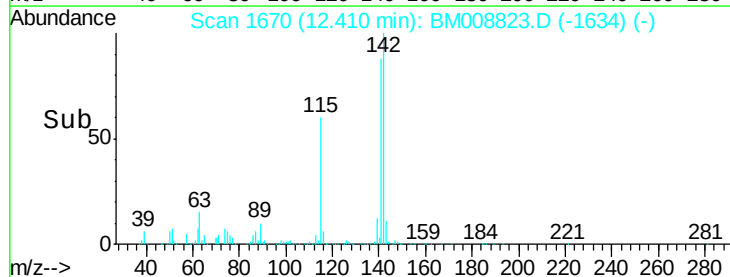
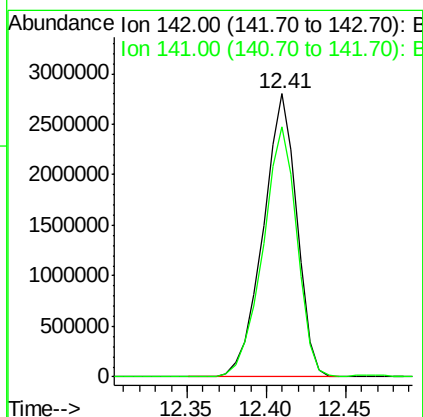
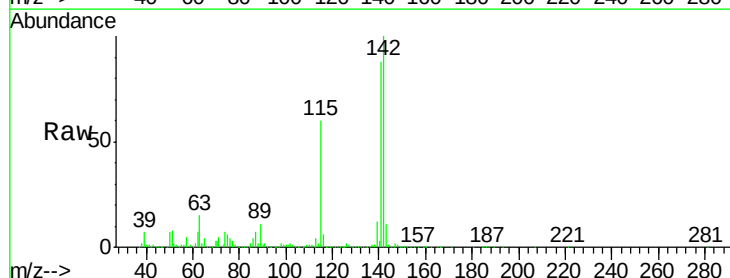
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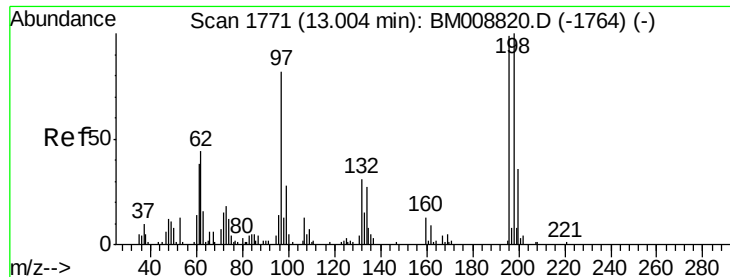
Tgt Ion:127 Resp: 5211378
Ion Ratio Lower Upper
127 100
129 79.1 27.1 40.7#



#34
2-Methylnaphthalene
Concen: 307.99 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM008823.D
Acq: 24 Jan 2017 04:07

Tgt Ion:142 Resp: 4146343
Ion Ratio Lower Upper
142 100
141 88.2 73.0 109.4

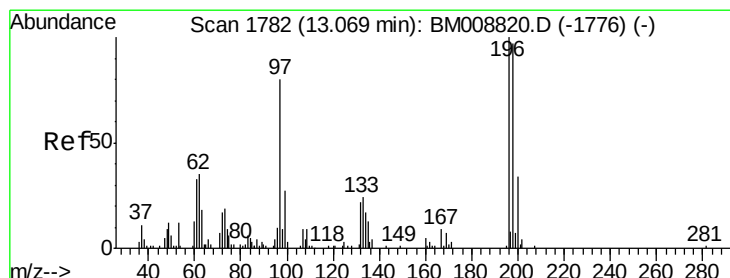
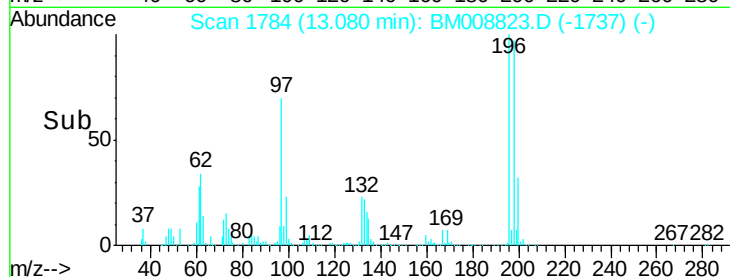
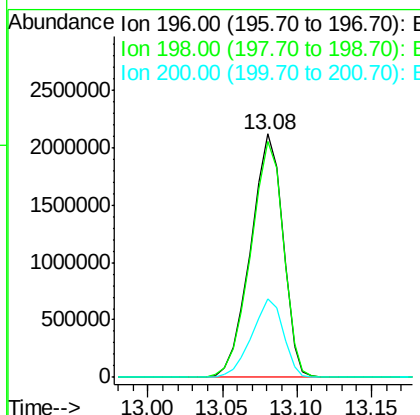
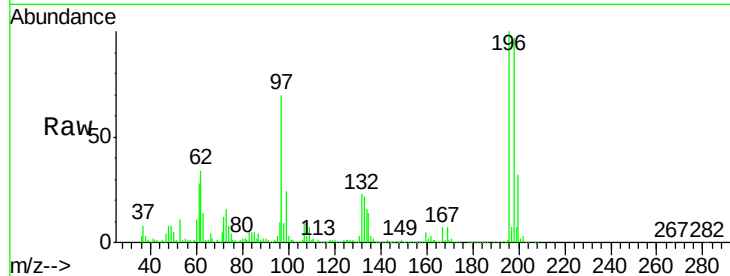




#38
 2,4,6-Trichlorophenol
 Concen: 591.47 ng/ul
 RT: 13.08 min Scan# 1784
 Delta R.T. 0.08 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

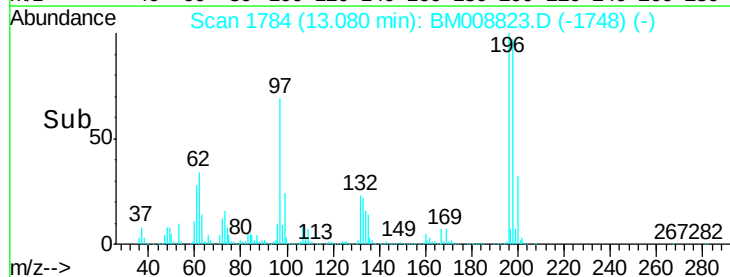
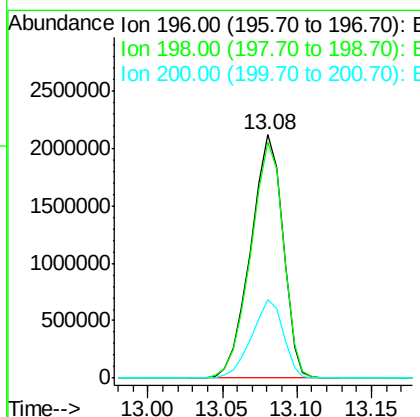
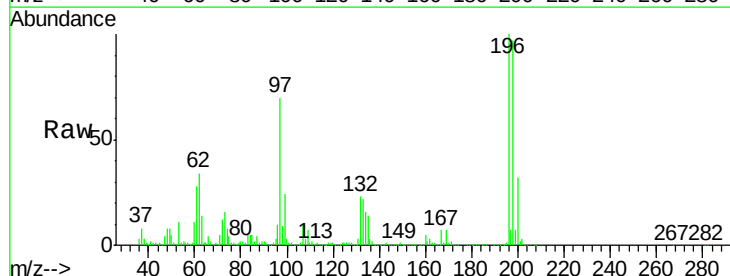
Instrument :
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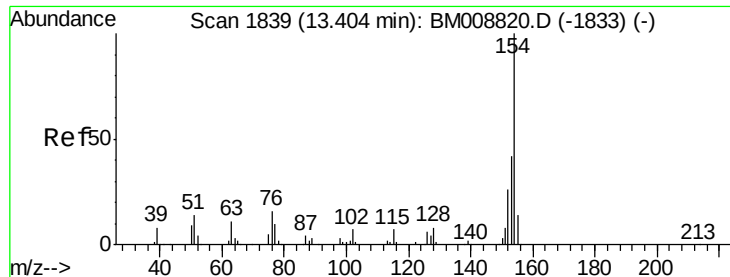
Tgt Ion:196 Resp: 3176735
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.8 118.2
 200 32.4 25.7 38.5



#39
 2,4,5-Trichlorophenol
 Concen: 550.74 ng/ul
 RT: 13.08 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Tgt Ion:196 Resp: 3176735
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.8 116.6
 200 32.4 23.6 35.4

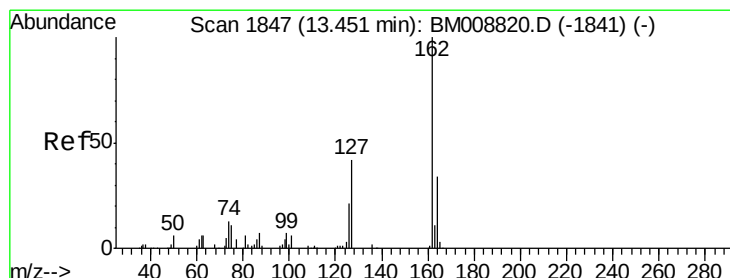
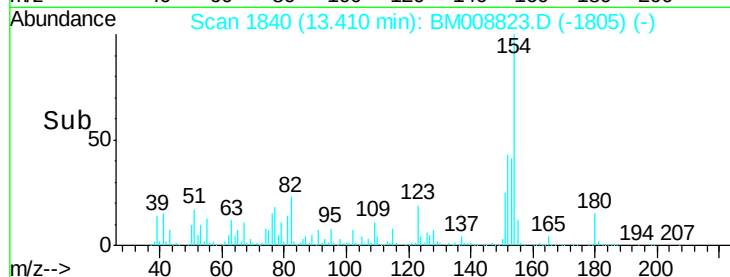
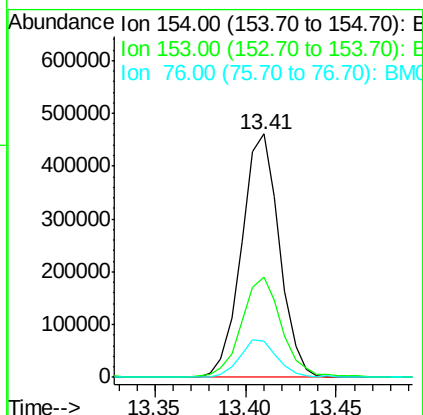
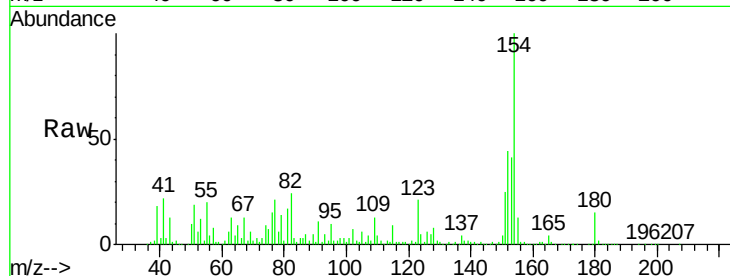




#40
 1,1'-Biphenyl
 Concen: 37.05 ng/ul
 RT: 13.41 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5

Tgt Ion:154 Resp: 663229
 Ion Ratio Lower Upper
 154 100
 153 41.1 32.2 48.4
 76 15.0 9.8 14.6#



#41
 2-Chloronaphthalene
 Concen: 351.67 ng/ul
 RT: 13.59 min Scan# 1871
 Delta R.T. 0.14 min
 Lab File: BM008823.D
 Acq: 24 Jan 2017 04:07

Tgt Ion:162 Resp: 4952817
 Ion Ratio Lower Upper
 162 100
 164 67.1 26.3 39.5#
 127 3.7 31.7 47.5#

