

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121316\
 Data File : BM008284.D
 Acq On : 13 Dec 2016 22:01
 Operator : UM/SJ
 Sample : H5973-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B22

Quant Time: Dec 14 02:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 02:14:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	139490	20.00	ng/ul	0.03
18) Naphthalene-d8	10.46	136	515788	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.32	164	332795	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	684488	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	900271	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	905374	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3463	1.17	ng/uL	0.00
5) Phenol-d5	6.87	99	58550	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	172305	27.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	183967	22.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	112703	13.51	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	118824	31.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	131183	31.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	208295	27.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	4944	0.57	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	700687	32.05	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	851656	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	11372	3.46	ng/ul	0.05
57) Fluorene-d10	15.31	176	596133	31.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	110908	27.74	ng/ul	0.00
70) Anthracene-d10	17.17	188	961936	32.15	ng/ul	0.00
78) Pyrene-d10	19.47	212	1169027	33.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1238485	32.54	ng/ul	0.00

Target Compounds

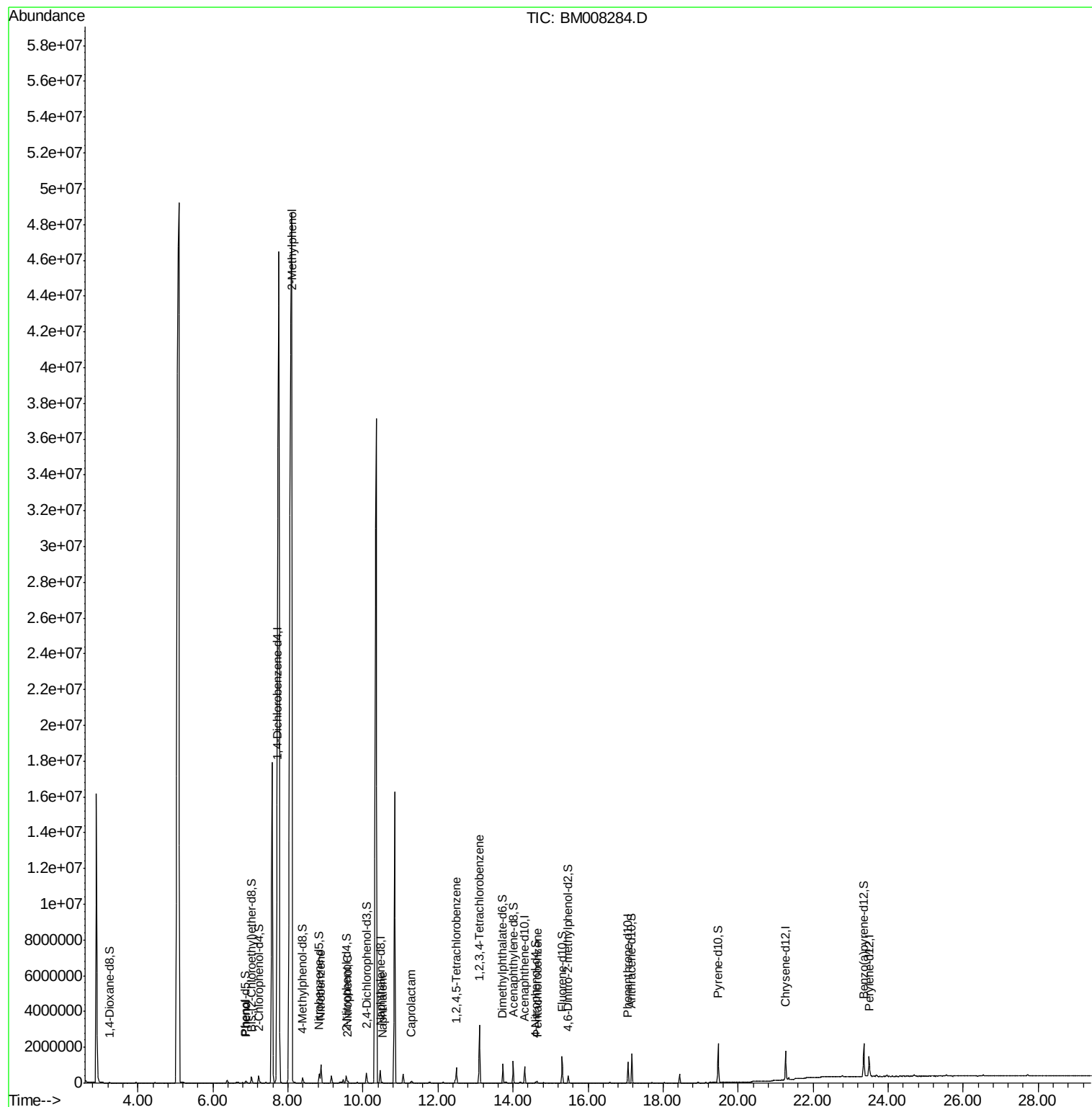
						Qvalue
6) Phenol	6.90	94	31685	2.85	ng/ul#	85
11) 2-Methylphenol	8.10	108	460091	56.46	ng/ul	99
20) Nitrobenzene	8.88	77	580794	59.67	ng/ul	91
23) 2-Nitrophenol	9.59	139	11962	2.79	ng/ul#	78
28) Naphthalene	10.51	128	24559	1.00	ng/ul	97
32) Caprolactam	11.28	113	9628	4.10	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	322016	30.88	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	1024236	99.96	ng/uL	99
73) Pentachlorobenzene	14.64	250	22112	2.14	ng/ul	97

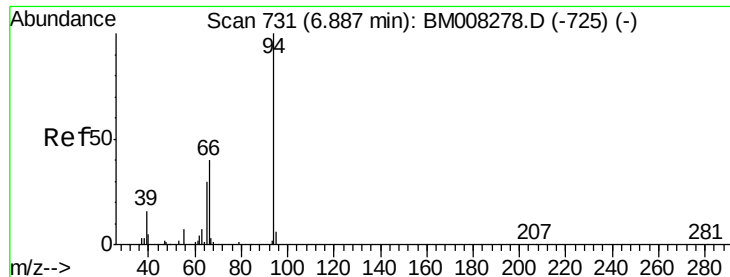
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121316\
Data File : BM008284.D
Acq On : 13 Dec 2016 22:01
Operator : UM/SJ
Sample : H5973-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B22

Quant Time: Dec 14 02:18:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121316MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 02:14:07 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.85 ng/ul

RT: 6.90 min Scan# 733

Delta R.T. 0.01 min

Lab File: BM008284.D

Acq: 13 Dec 2016 22:01

Instrument :

BNA_M

ClientSampleId :

C0B22

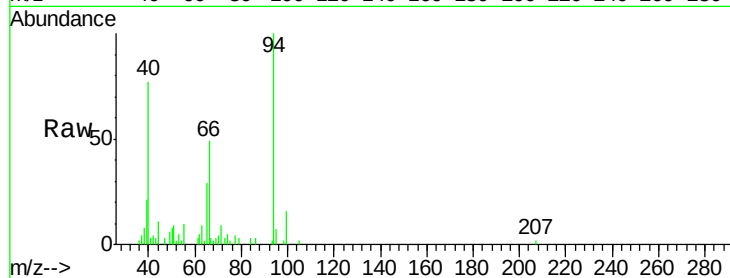
Tgt Ion: 94 Resp: 31685

Ion Ratio Lower Upper

94 100

65 29.3 21.0 31.6

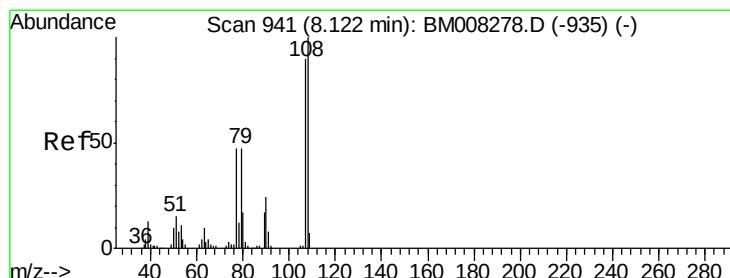
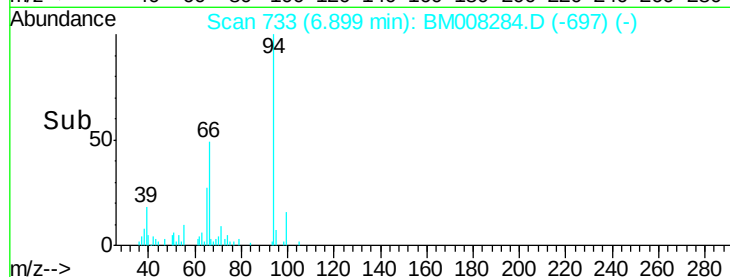
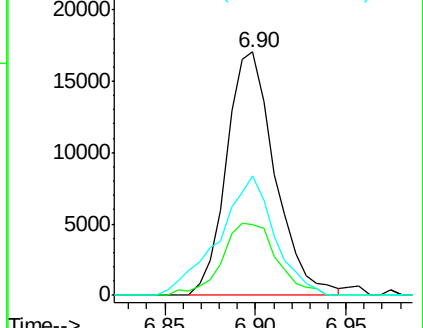
66 49.0 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM008284.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BM008284.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BM008284.D (-697) (-)



#11

2-Methylphenol

Concen: 56.46 ng/ul

RT: 8.10 min Scan# 937

Delta R.T. -0.02 min

Lab File: BM008284.D

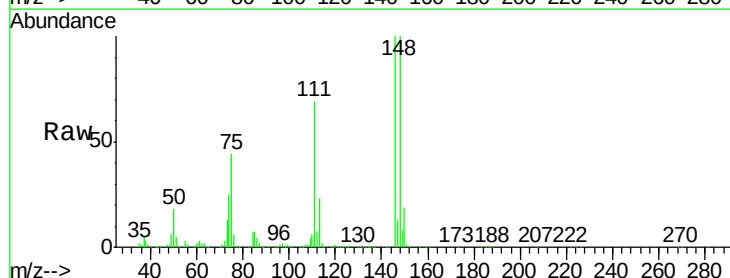
Acq: 13 Dec 2016 22:01

Tgt Ion: 108 Resp: 460091

Ion Ratio Lower Upper

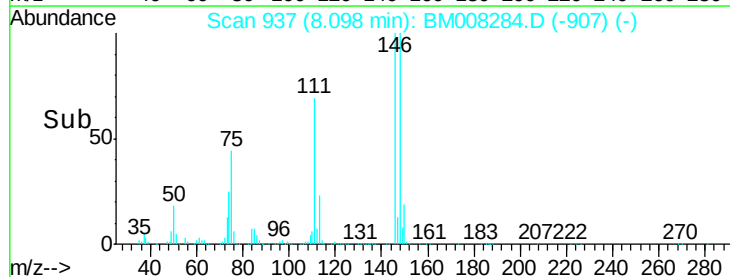
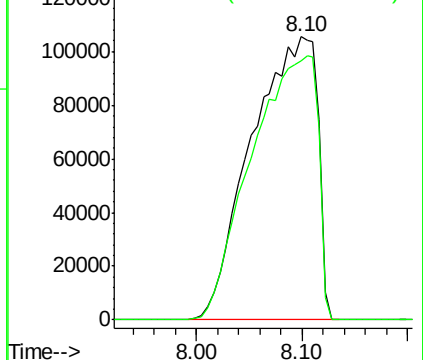
108 100

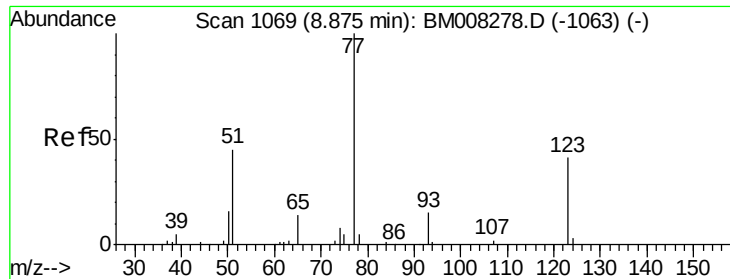
107 91.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): BM008284.D (-907) (-)

Ion 107.00 (106.70 to 107.70): BM008284.D (-907) (-)

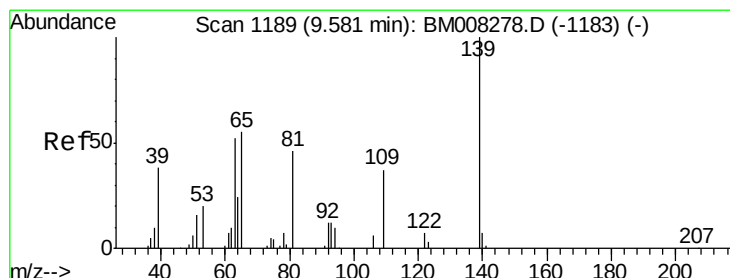
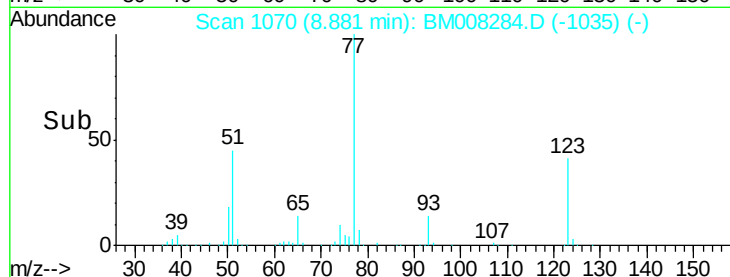
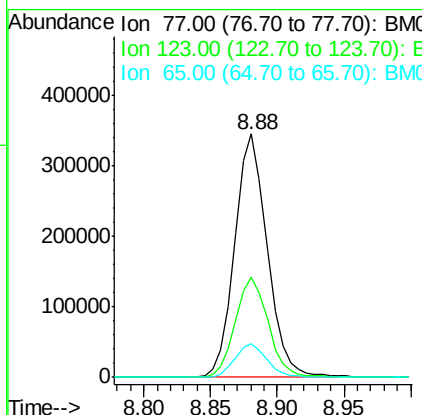
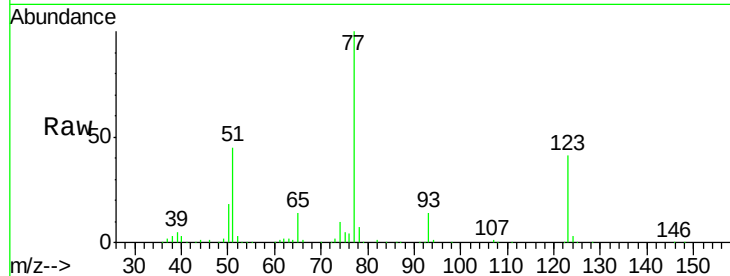




#20
Nitrobenzene
Concen: 59.67 ng/ul
RT: 8.88 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BM008284.D
Acq: 13 Dec 2016 22:01

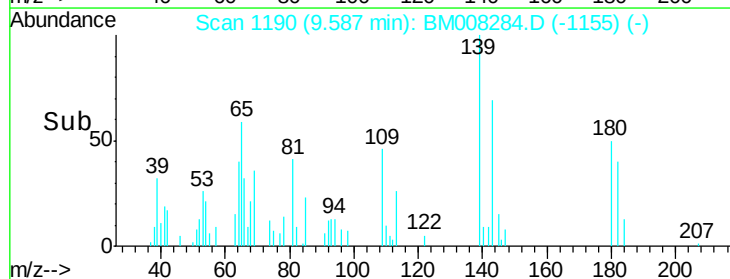
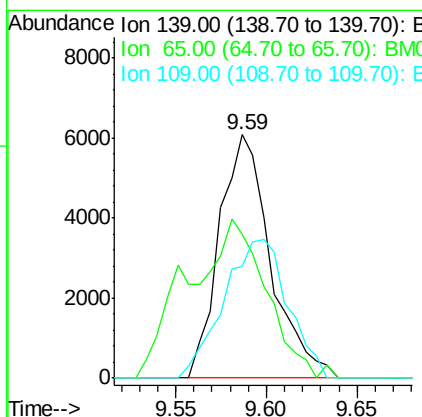
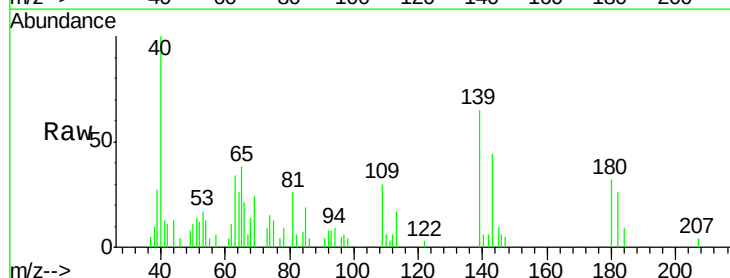
Instrument :
BNA_M
ClientSampleId :
C0B22

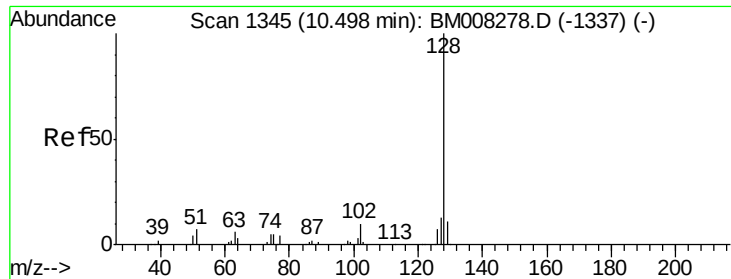
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	39.0	58.4
65	13.8	10.4	15.6



#23
2-Nitrophenol
Concen: 2.79 ng/ul
RT: 9.59 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BM008284.D
Acq: 13 Dec 2016 22:01

Tgt Ion	Ratio	Lower	Upper
139	100		
65	59.3	36.3	54.5#
109	46.1	26.4	39.6#

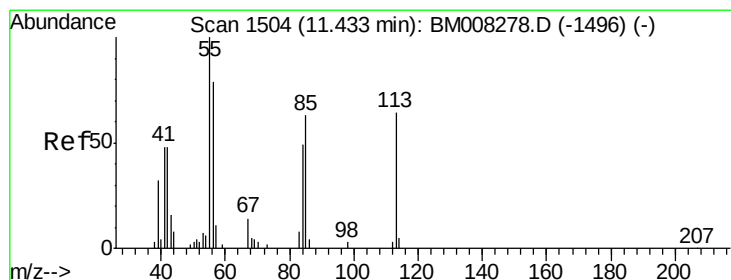
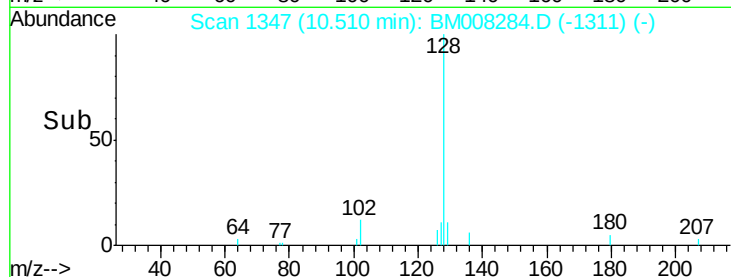
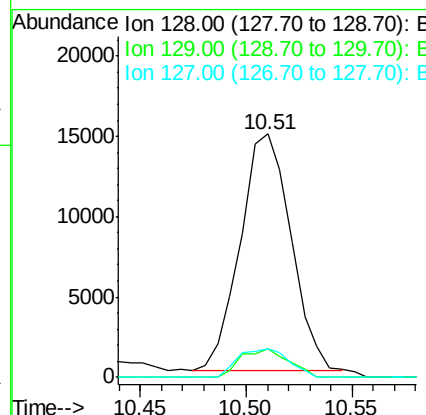
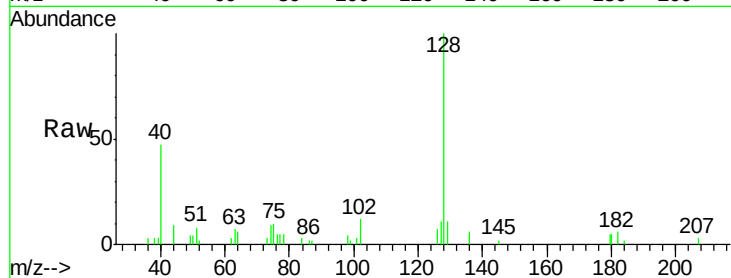




#28
Naphthalene
Concen: 1.00 ng/ul
RT: 10.51 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BM008284.D
Acq: 13 Dec 2016 22:01

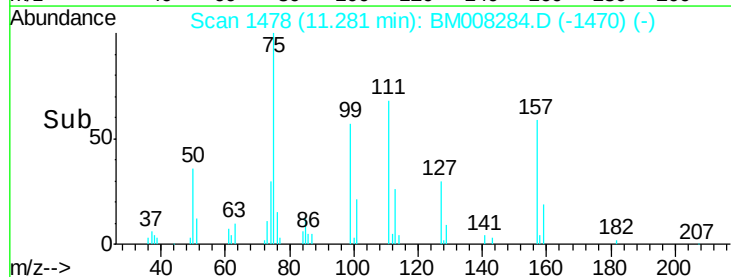
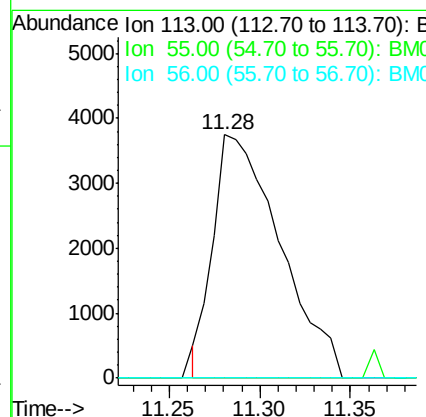
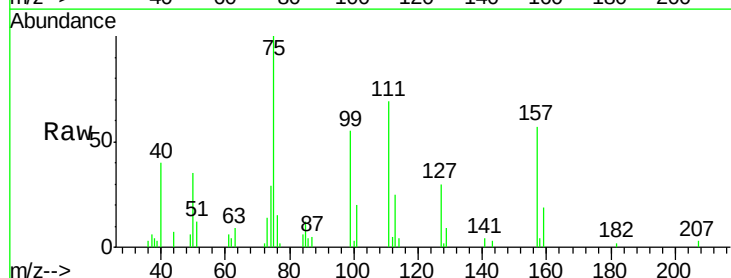
Instrument :
BNA_M
ClientSampleId :
C0B22

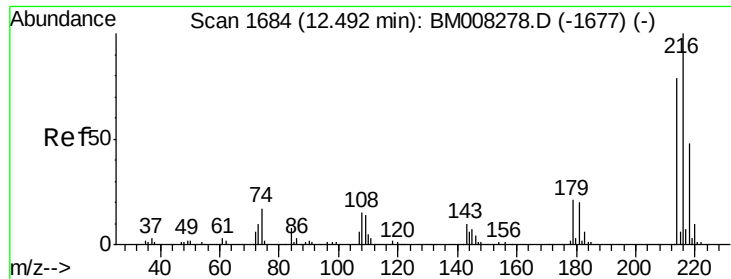
Tgt Ion:128 Resp: 24559
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 11.5 10.5 15.7



#32
Caprolactam
Concen: 4.10 ng/ul
RT: 11.28 min Scan# 1478
Delta R.T. -0.15 min
Lab File: BM008284.D
Acq: 13 Dec 2016 22:01

Tgt Ion:113 Resp: 9628
Ion Ratio Lower Upper
113 100
55 0.0 101.9 152.9#
56 0.0 81.2 121.8#

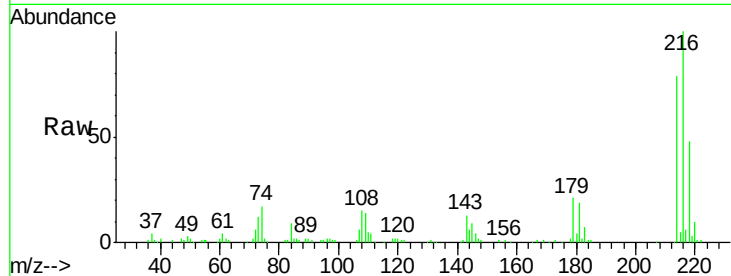




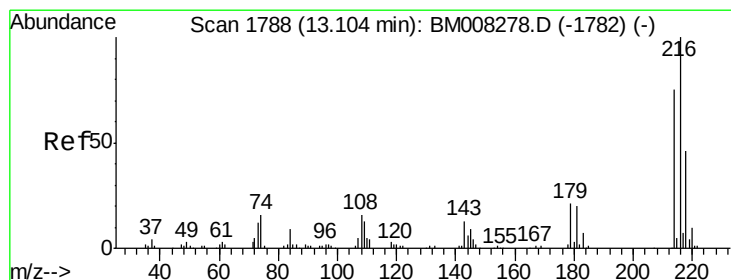
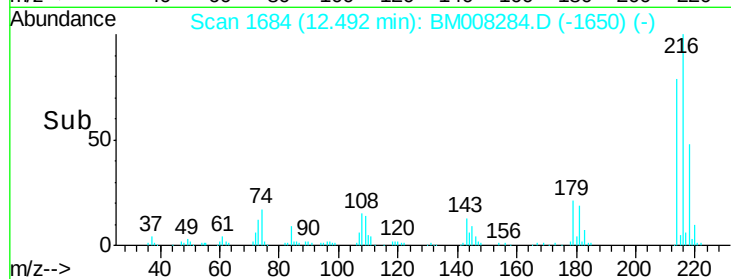
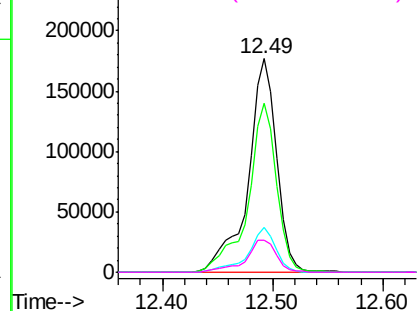
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.88 ng/uL
 RT: 12.49 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM008284.D
 Acq: 13 Dec 2016 22:01

Instrument :
 BNA_M
 ClientSampleId :
 C0B22

Tgt Ion:	216	Resp:	322016
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
179	21.0	18.2	27.2
108	15.1	14.2	21.2

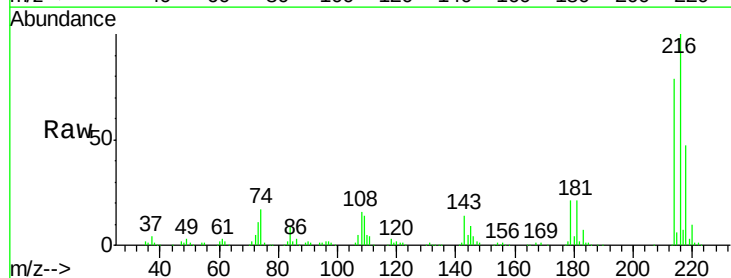


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

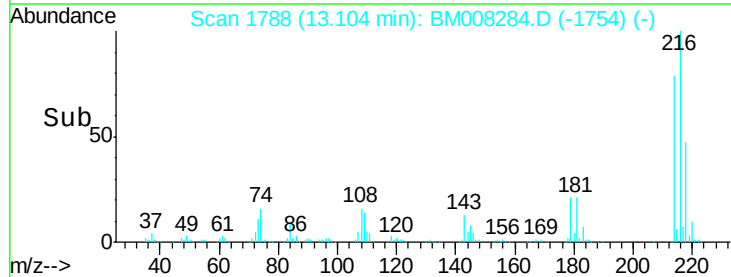
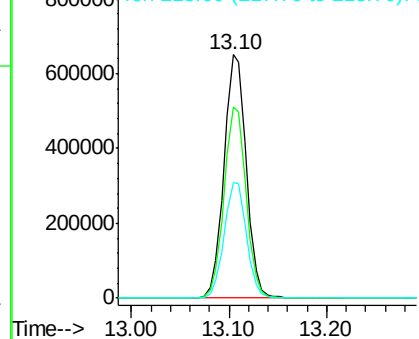


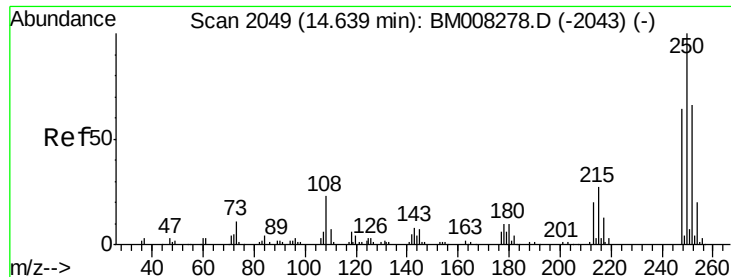
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 99.96 ng/uL
 RT: 13.10 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BM008284.D
 Acq: 13 Dec 2016 22:01

Tgt Ion:	216	Resp:	1024236
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
218	47.3	38.4	57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 2.14 ng/uL

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM008284.D

Acq: 13 Dec 2016 22:01

Instrument :

BNA_M

ClientSampleId :

C0B22

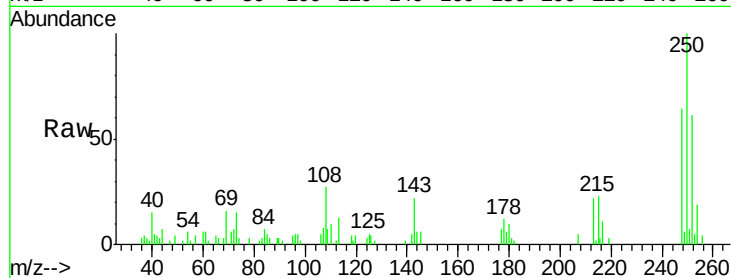
Tgt Ion: 250 Resp: 22112

Ion Ratio Lower Upper

250 100

248 64.1 50.6 75.8

252 60.8 51.4 77.0



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

