

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
 Data File : BM004869.D
 Acq On : 02 Apr 2016 09:19
 Operator : UM/SJ
 Sample : H2004-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Quant Time: Apr 04 00:35:00 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 04 00:33:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	53442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	259822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	154180	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	367746	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	453812	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	474116	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1215	0.92	ng/uL	0.00
5) Phenol-d5	6.99	99	27922	5.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	86733	33.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	92568	25.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	61241	15.36	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	63026	34.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	70665	34.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	111808	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	1019	0.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	459727	37.79	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	519028	35.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	15026	6.25	ng/ul	0.00
58) Fluorene-d10	15.45	176	382659	36.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	77538	35.19	ng/ul	0.00
71) Anthracene-d10	17.30	188	616690	37.48	ng/ul	0.00
79) Pyrene-d10	19.60	212	720014	36.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	872786	41.55	ng/ul	0.00

Target Compounds

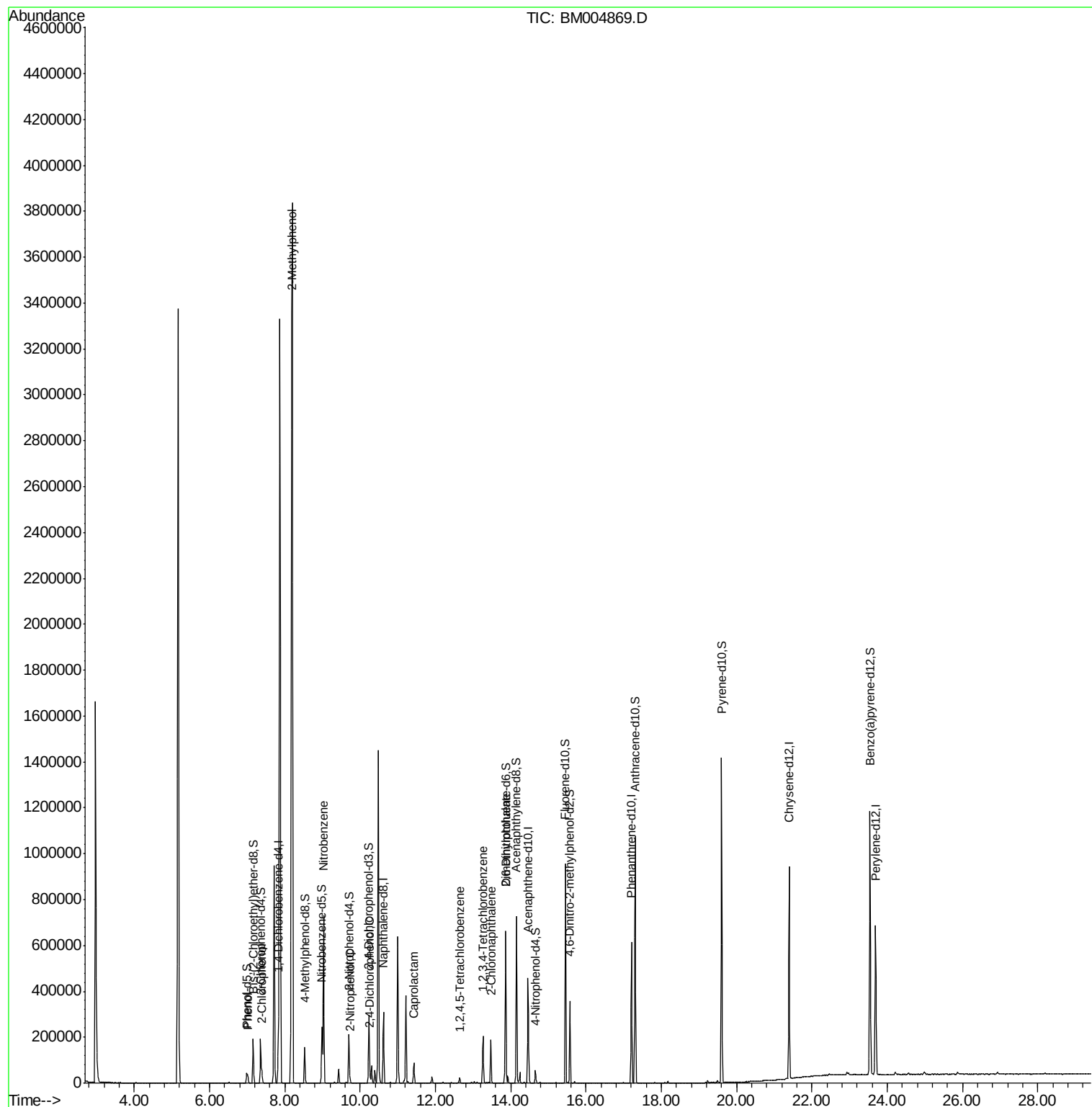
						Ovalue
6) Phenol	7.01	94	22599	4.56	ng/ul	99
10) 2-Chlorophenol	7.39	128	29039	7.65	ng/ul	94
11) 2-Methylphenol	8.19	108	18526	4.73	ng/ul	100
20) Nitrobenzene	9.03	77	432415	97.76	ng/ul	99
23) 2-Nitrophenol	9.73	139	5025	2.25	ng/ul	91
27) 2,4-Dichlorophenol	10.26	162	8433	2.14	ng/ul	91
32) Caprolactam	11.43	113	6917	4.63	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	10183	2.13	ng/ul	97
42) 2-Chloronaphthalene	13.47	162	37251	3.95	ng/ul#	39
46) 2,6-Dinitrotoluene	13.87	165	3182	1.32	ng/ul#	39
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	26830	5.61	ng/uL	99

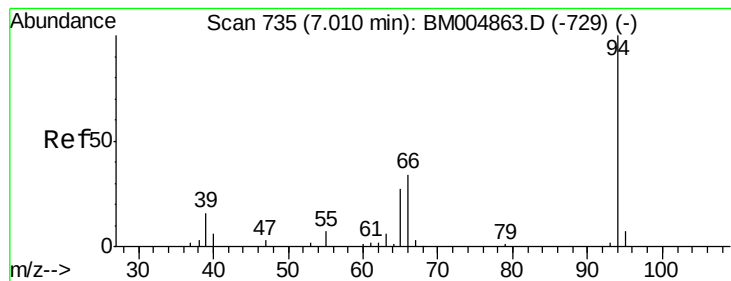
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004869.D
Acq On : 02 Apr 2016 09:19
Operator : UM/SJ
Sample : H2004-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

Quant Time: Apr 04 00:35:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 04 00:33:02 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.56 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM004869.D

Acq: 02 Apr 2016 09:19

Instrument :

BNA_M

ClientSampleId :

C0AF6

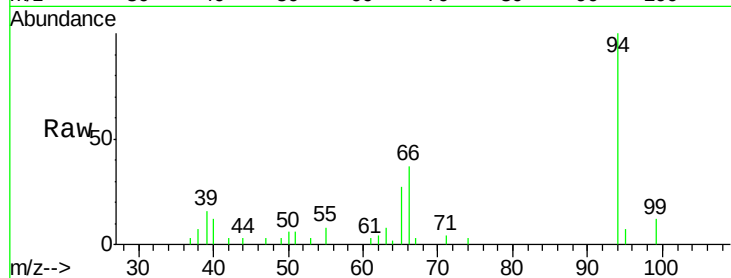
Tot Ion: 94 Resp: 22599

Ion Ratio Lower Upper

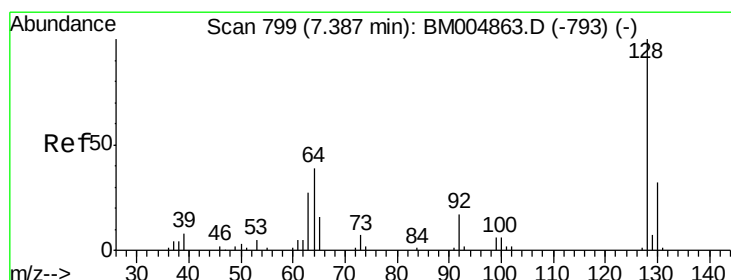
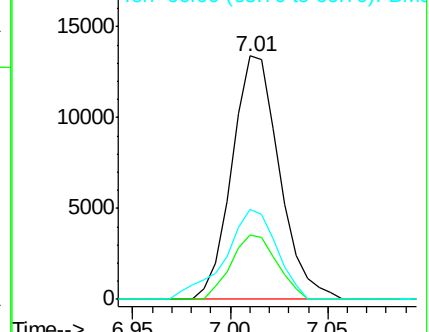
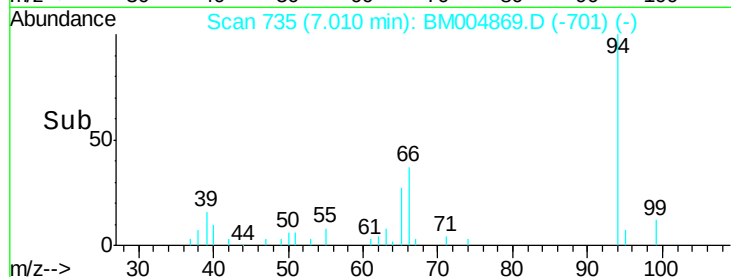
94 100

65 26.6 21.0 31.6

66 37.0 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004869.D (-701) (-)



#10

2-Chlorophenol

Concen: 7.65 ng/ul

RT: 7.39 min Scan# 799

Delta R.T. 0.00 min

Lab File: BM004869.D

Acq: 02 Apr 2016 09:19

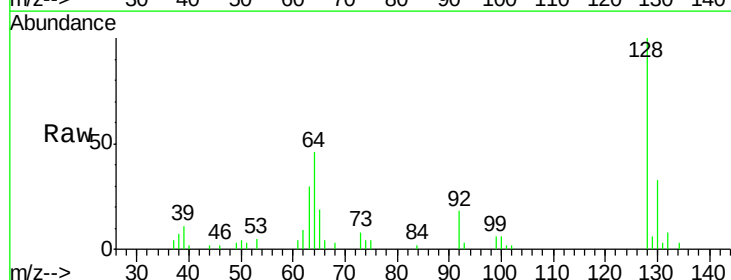
Tgt Ion: 128 Resp: 29039

Ion Ratio Lower Upper

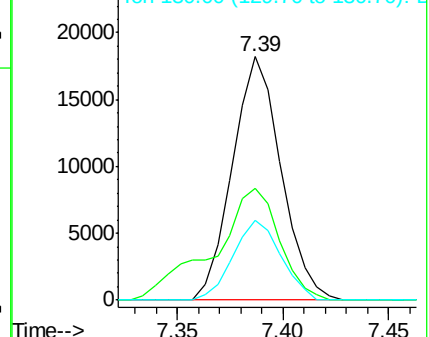
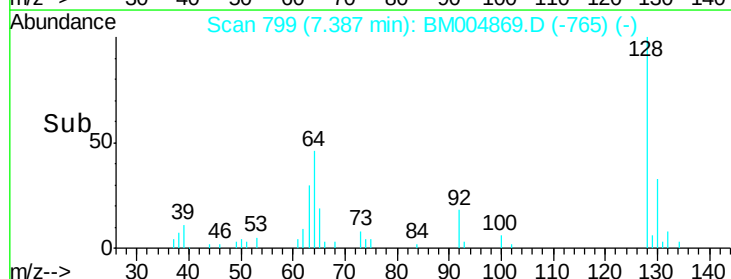
128 100

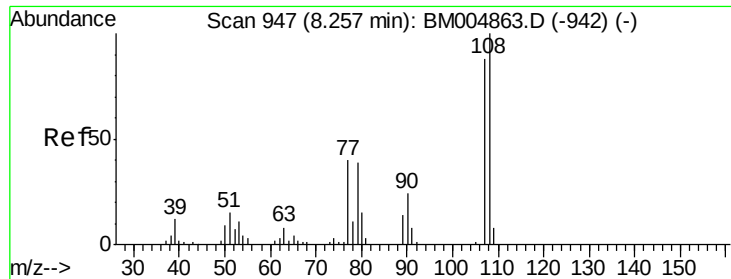
64 46.2 31.9 47.9

130 32.9 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BM004869.D (-765) (-)

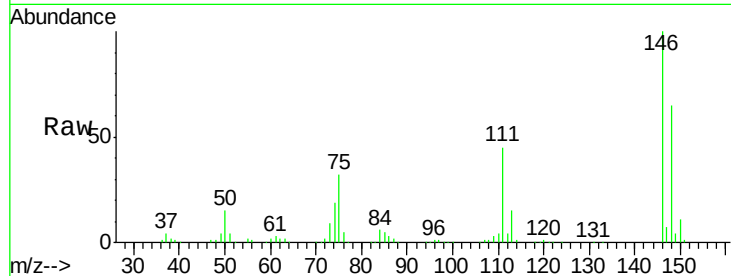




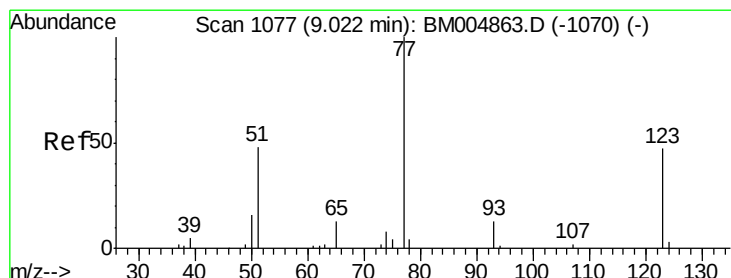
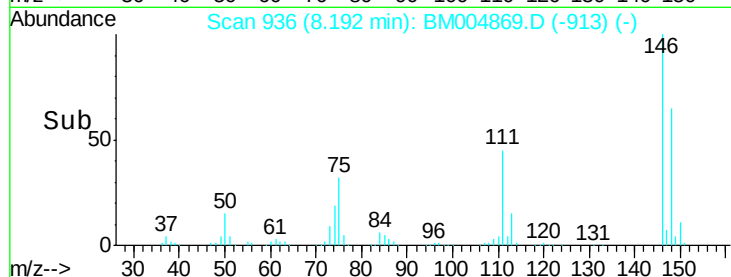
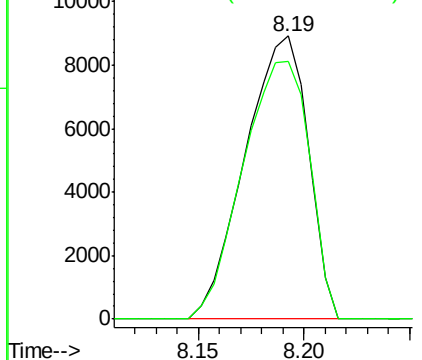
#11
2-Methylphenol
Concen: 4.73 ng/ul
RT: 8.19 min Scan# 936
Delta R.T. -0.06 min
Lab File: BM004869.D
Acq: 02 Apr 2016 09:19

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion:108 Resp: 18526
Ion Ratio Lower Upper
108 100
107 90.9 72.4 108.6

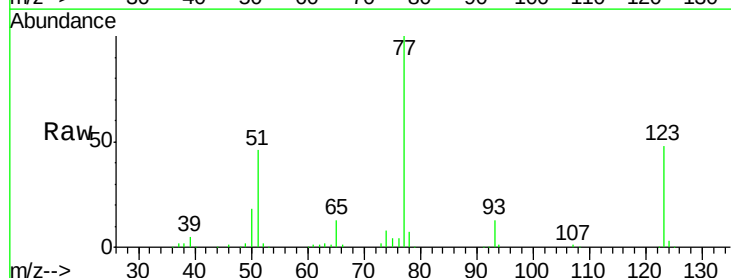


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

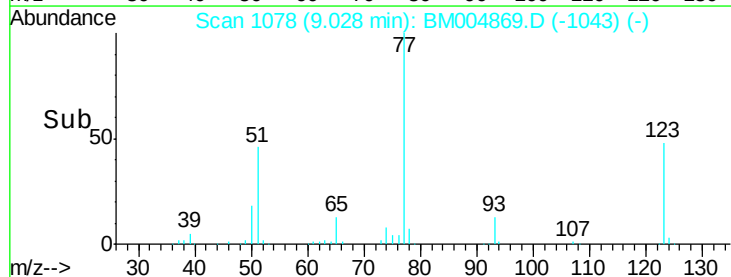
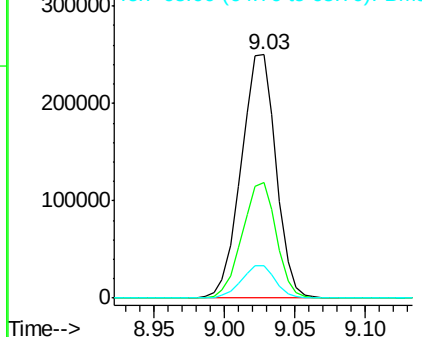


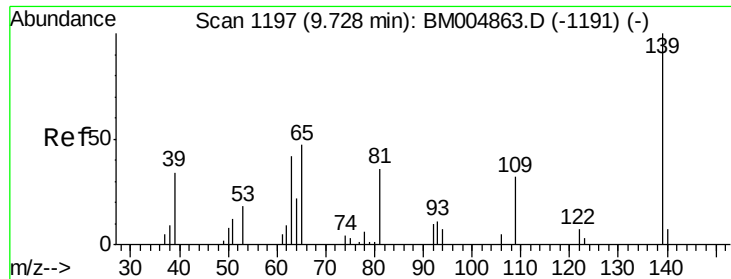
#20
Nitrobenzene
Concen: 97.76 ng/ul
RT: 9.03 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BM004869.D
Acq: 02 Apr 2016 09:19

Tgt Ion: 77 Resp: 432415
Ion Ratio Lower Upper
77 100
123 47.7 39.0 58.4
65 13.2 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0

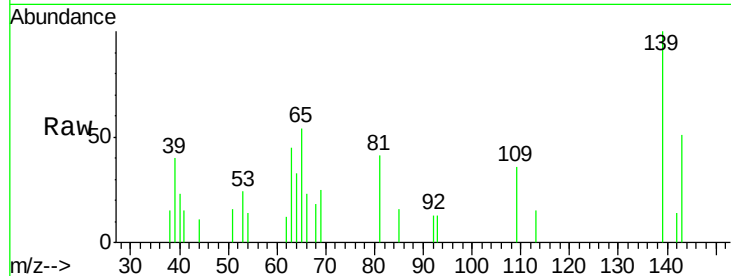




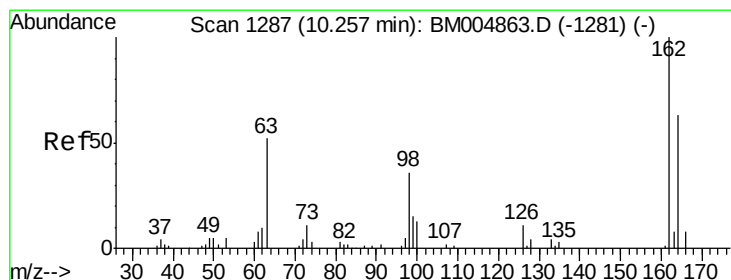
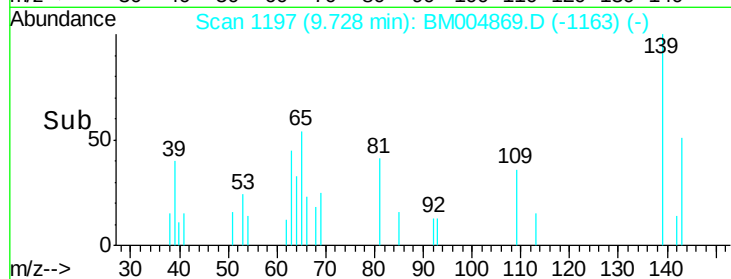
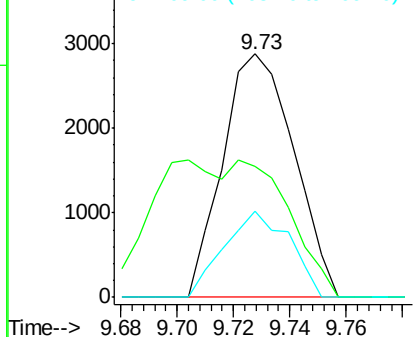
#23
2-Nitrophenol
Concen: 2.25 na/ul
RT: 9.73 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004869.D
Acq: 02 Apr 2016 09:19

Instrument :
BNA_M
ClientSampled :
C0AF6

Tot Ion:139 Resp: 5025
Ion Ratio Lower Upper
139 100
65 53.7 36.3 54.5
109 35.6 26.4 39.6

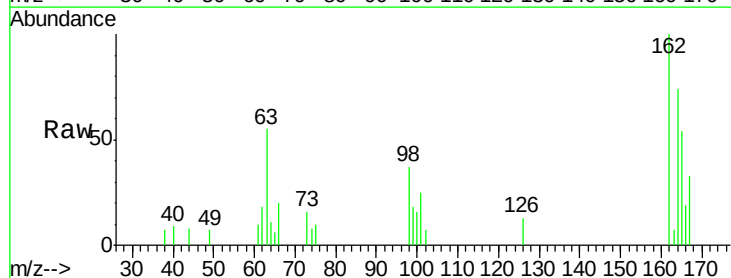


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

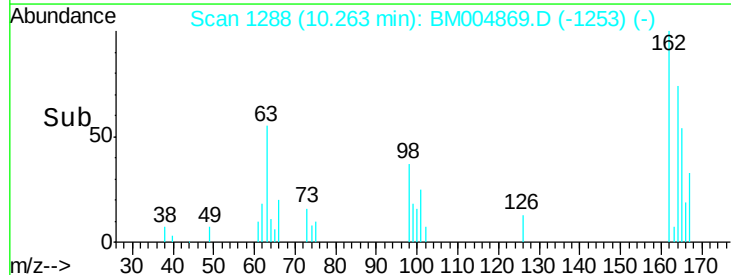
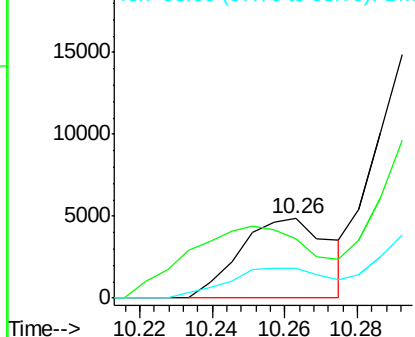


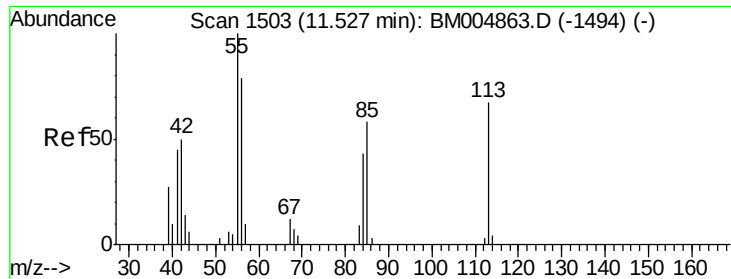
#27
2,4-Dichlorophenol
Concen: 2.14 ng/ul
RT: 10.26 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BM004869.D
Acq: 02 Apr 2016 09:19

Tgt Ion:162 Resp: 8433
Ion Ratio Lower Upper
162 100
164 74.1 52.1 78.1
98 37.5 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM





#32

Caprolactam

Concen: 4.63 ng/ul

RT: 11.43 min Scan# 1486

Delta R.T. -0.10 min

Lab File: BM004869.D

Acq: 02 Apr 2016 09:19

Instrument :

BNA_M

ClientSampled :

C0AF6

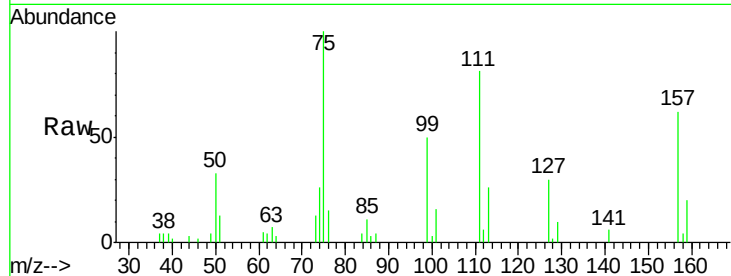
Tot Ion:113 Resp: 6917

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

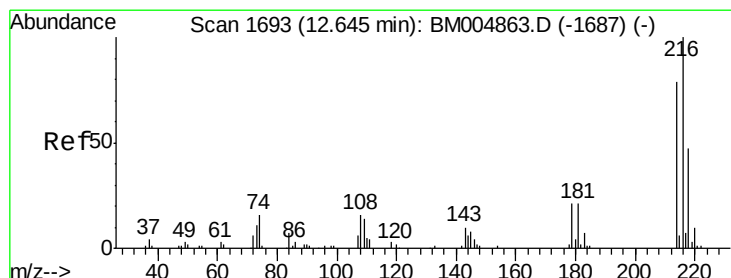
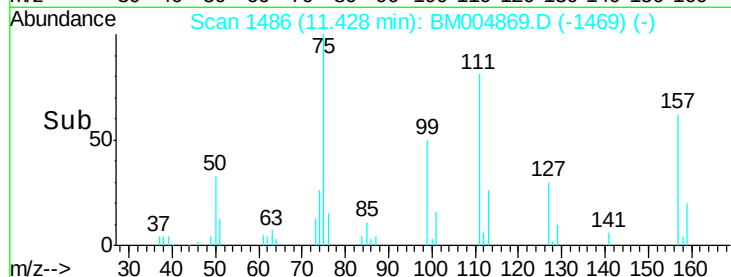
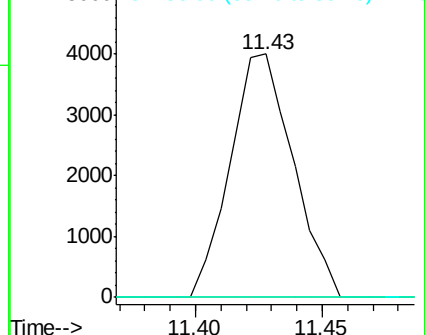
56 0.0 81.2 121.8#



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: 2.13 ng/ul

RT: 12.65 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BM004869.D

Acq: 02 Apr 2016 09:19

Tgt Ion:216 Resp: 10183

Ion Ratio Lower Upper

216 100

214 81.4 62.5 93.7

179 22.2 18.2 27.2

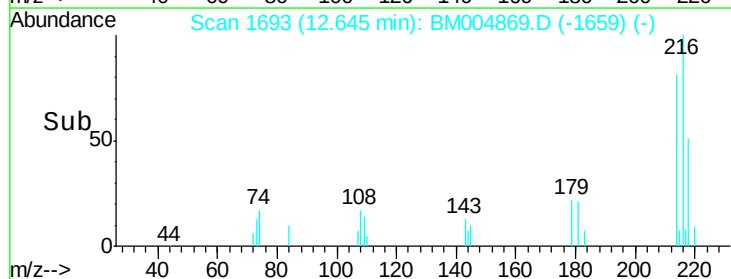
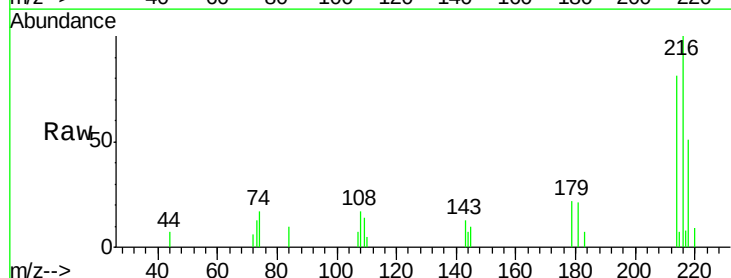
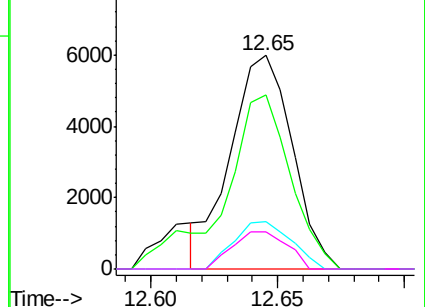
108 17.5 14.2 21.2

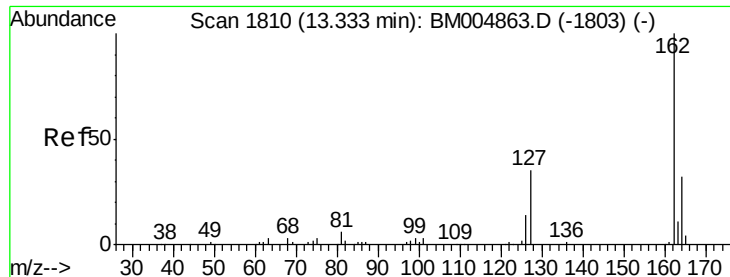
Abundance Ion 216.00 (215.70 to 216.70): E

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

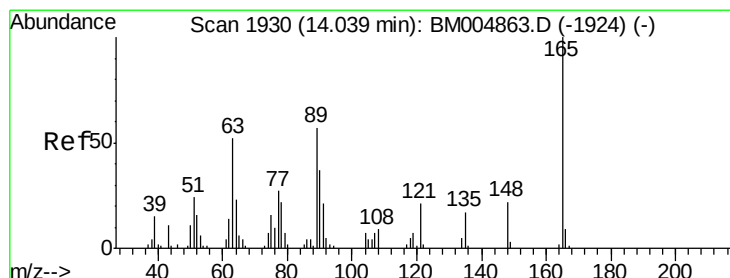
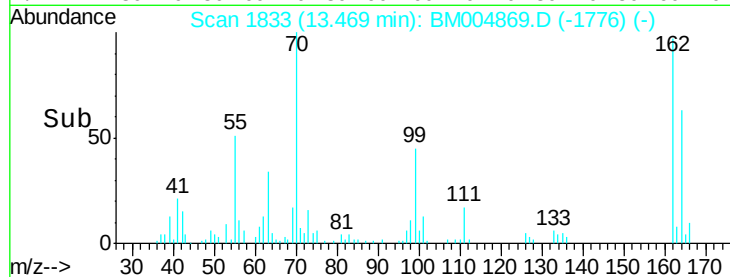
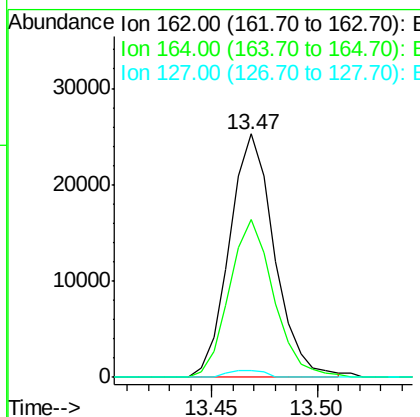
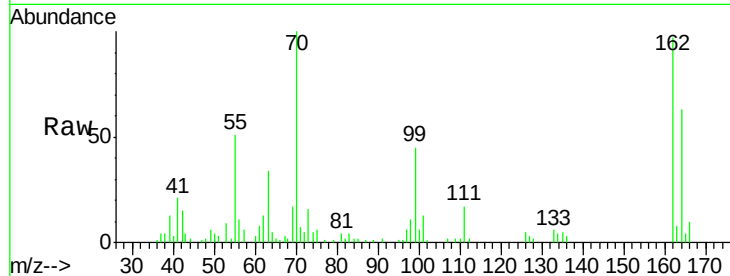




#42
 2-Chloronaphthalene
 Concen: 3.95 ng/ul
 RT: 13.47 min Scan# 1833
 Delta R.T. 0.14 min
 Lab File: BM004869.D
 Acq: 02 Apr 2016 09:19

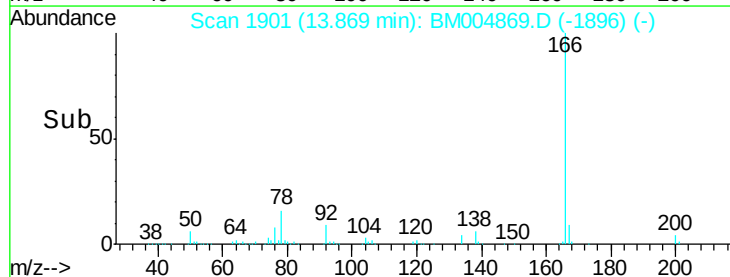
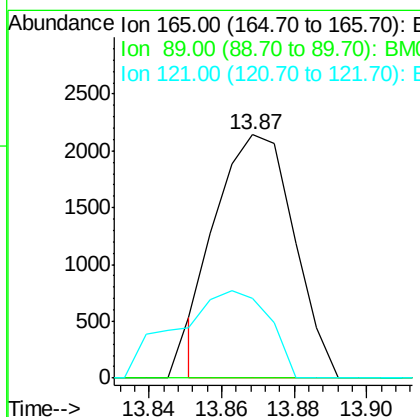
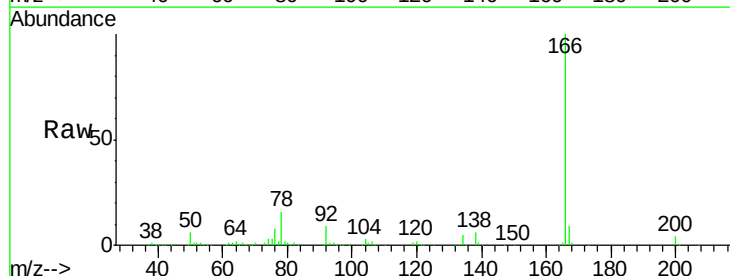
Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

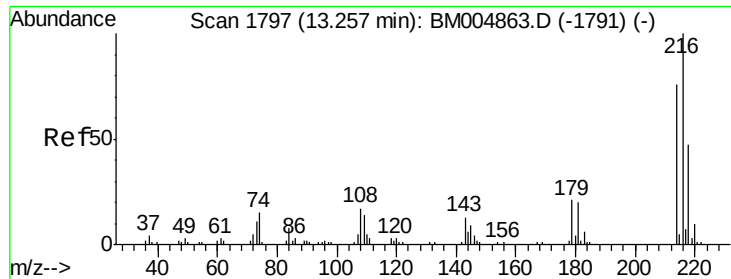
Tot Ion:162 Resp: 37251
 Ion Ratio Lower Upper
 162 100
 164 65.0 25.9 38.9#
 127 2.8 34.1 51.1#



#46
 2,6-Dinitrotoluene
 Concen: 1.32 ng/ul
 RT: 13.87 min Scan# 1901
 Delta R.T. -0.17 min
 Lab File: BM004869.D
 Acq: 02 Apr 2016 09:19

Tgt Ion:165 Resp: 3182
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 32.9 16.6 24.8#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 5.61 ng/uL

RT: 13.26 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BM004869.D

Acq: 02 Apr 2016 09:19

Instrument :

BNA_M

ClientSampleId :

C0AF6

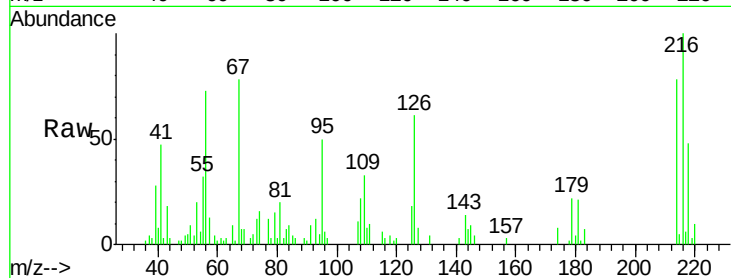
Tot Ion:216 Resp: 26830

Ion Ratio Lower Upper

216 100

214 77.5 62.5 93.7

218 48.4 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

