

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001088.D
 Acq On : 21 Apr 2015 05:11
 Operator : TP/IZ
 Sample : G1859-06MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 21 06:59:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 21 04:18:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	199777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	841013	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	470695	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1036863	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1101790	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	1058160	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	111	0.03	ng/uL	0.02
5) Phenol-d5	6.75	99	496564	31.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	320221	32.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	406780	32.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	371463	30.21	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	198386	34.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	215422	34.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	365299	29.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	245699	20.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1121131	35.75	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1267136	28.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	203877	33.44	ng/ul	0.00
57) Fluorene-d10	15.23	176	810302	25.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	92169	16.37	ng/ul	0.00
70) Anthracene-d10	17.08	188	1161345	24.74	ng/ul	0.00
76) Pyrene-d10	19.39	212	1144190	22.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	826383	17.45	ng/ul	0.00

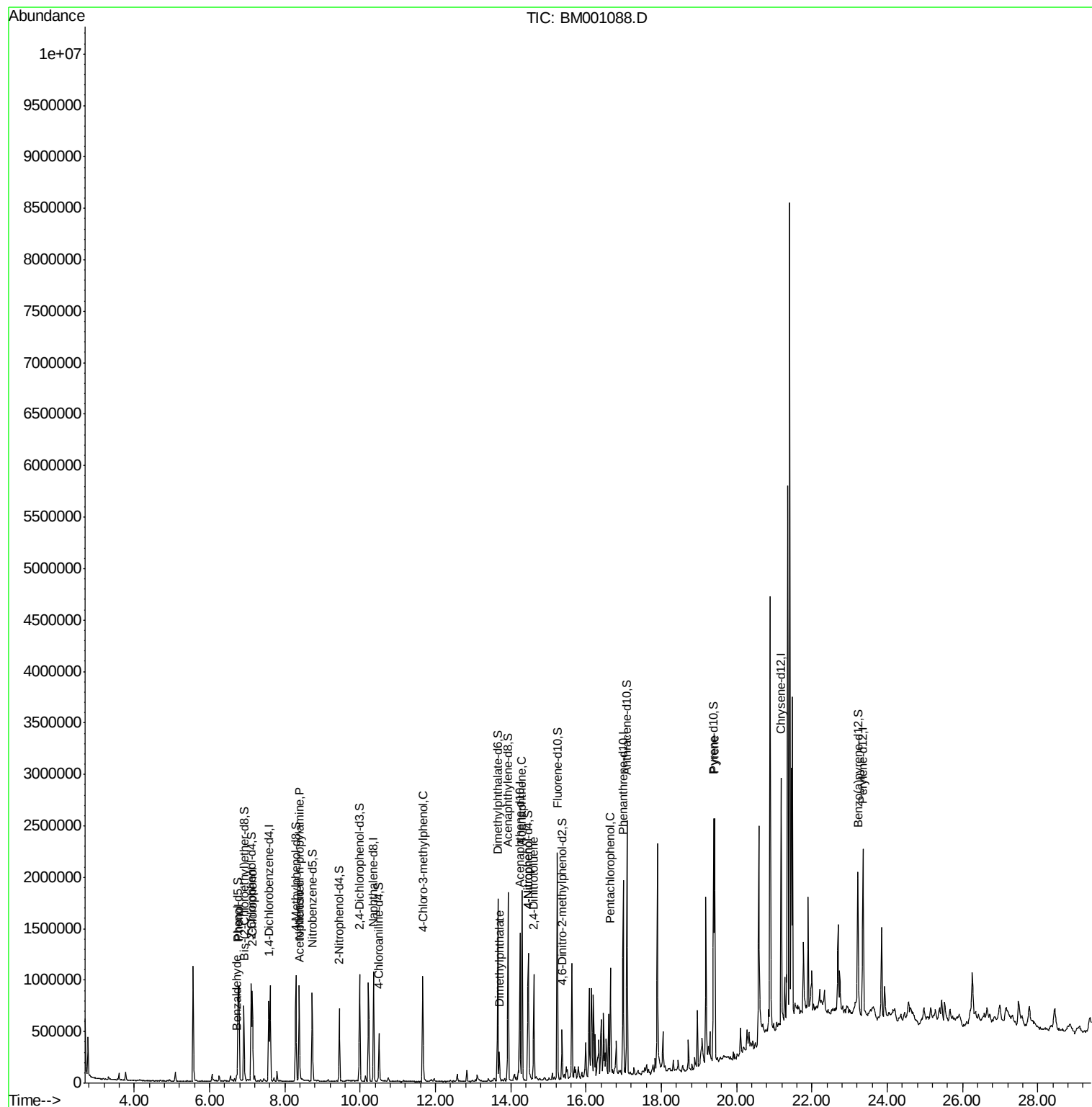
Target Compounds

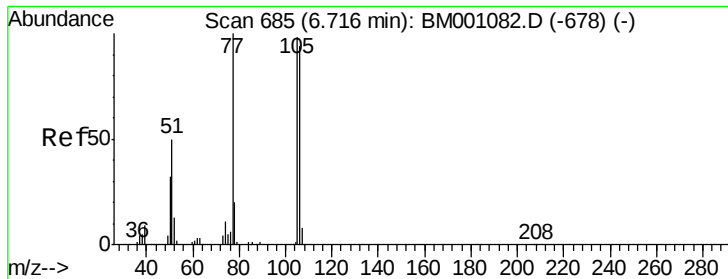
						Ovalue
4) Benzaldehyde	6.72	77	14822	1.48	ng/ul#	84
6) Phenol	6.78	94	453284	27.50	ng/ul	98
10) 2-Chlorophenol	7.14	128	361678	26.96	ng/ul	96
14) Acetophenone	8.39	105	72130	3.62	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.38	70	283313	28.56	ng/ul	93
33) 4-Chloro-3-methylphenol	11.66	107	353402	27.92	ng/ul	96
44) Dimethylphthalate	13.70	163	173186	4.93	ng/ul#	99
49) Acenaphthene	14.30	153	705672	21.97	ng/ul	98
52) 4-Nitrophenol	14.47	109	128682	27.92	ng/ul	91
54) 2,4-Dinitrotoluene	14.61	165	258345	26.64	ng/ul	100
68) Pentachlorophenol	16.64	266	164267	27.32	ng/ul	97
77) Pyrene	19.42	202	1304916	18.65	ng/ul	100

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

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QLast Update : Tue Apr 21 04:18:14 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.48 ng/ul

RT: 6.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

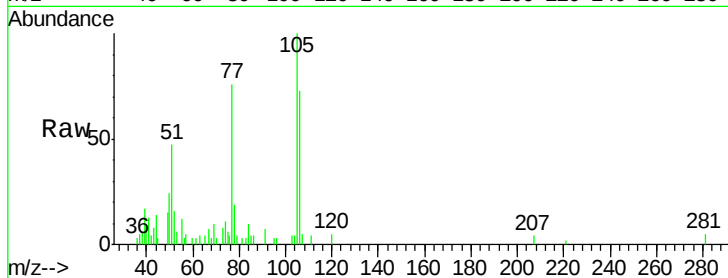
Tot Ion: 77 Resp: 14822

Ion Ratio Lower Upper

77 100

105 131.0 81.1 121.7#

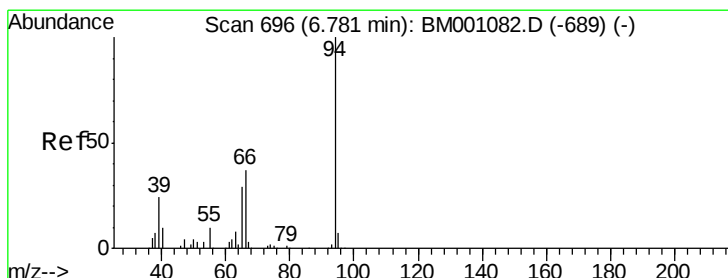
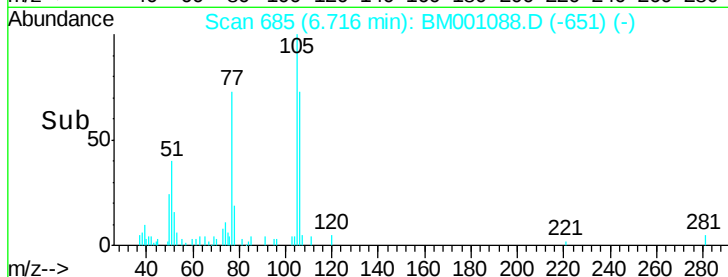
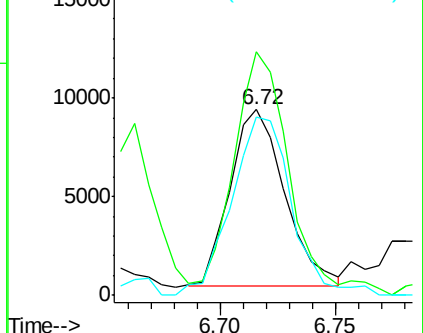
106 96.2 78.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BM001082.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM001082.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM001082.D (-678) (-)



#6

Phenol

Concen: 27.50 ng/ul

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

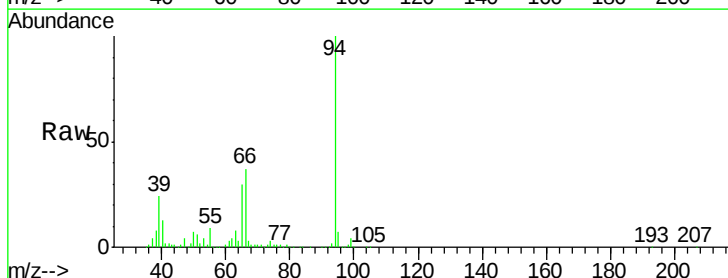
Tgt Ion: 94 Resp: 453284

Ion Ratio Lower Upper

94 100

65 29.5 24.9 37.3

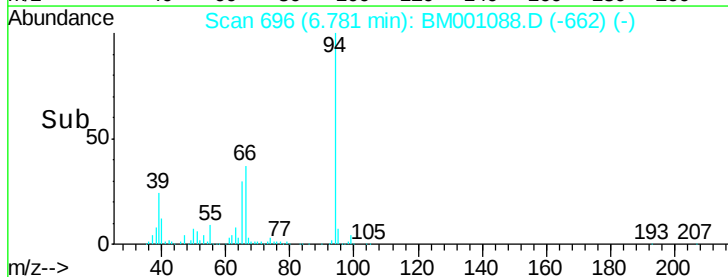
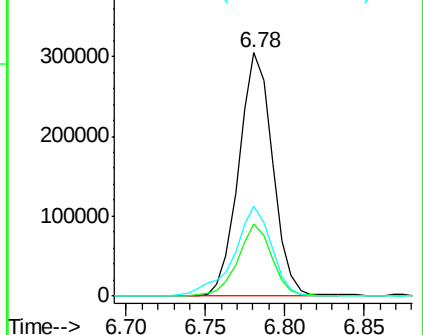
66 36.7 29.8 44.8

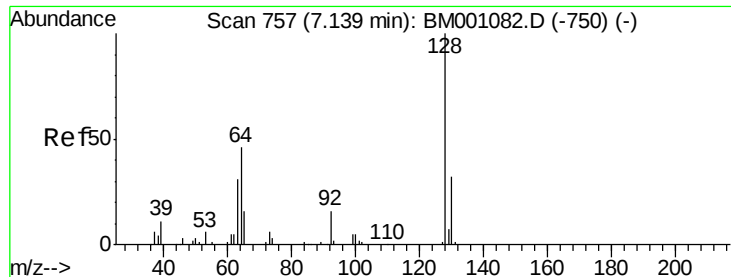


Abundance Ion 94.00 (93.70 to 94.70): BM001082.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM001082.D (-689) (-)

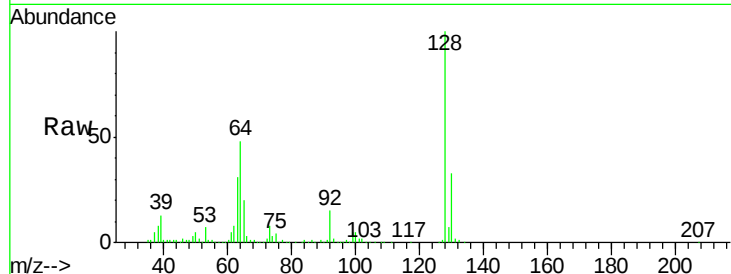
Ion 66.00 (65.70 to 66.70): BM001082.D (-689) (-)



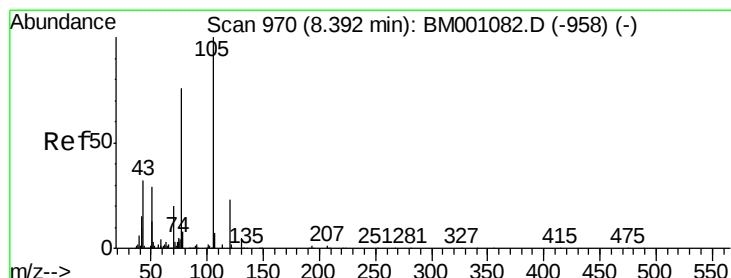
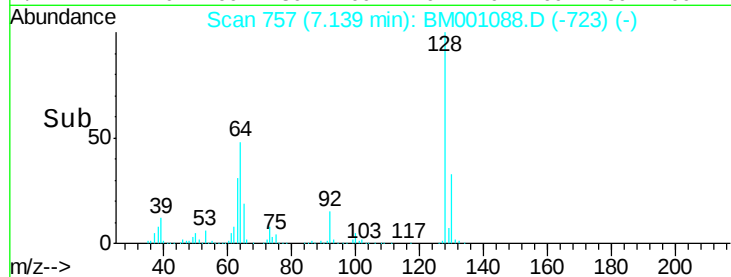
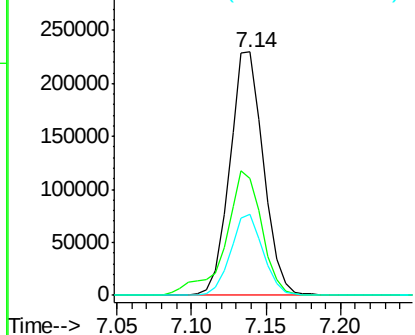


#10
2-Chlorophenol
Concen: 26.96 ng/ul
RT: 7.14 min Scan# 757
Delta R.T. -0.00 min
Lab File: BM001088.D
Acq: 21 Apr 2015 05:11

Tot Ion	Ratio	Lower	Upper
128	100		
64	48.1	40.4	60.6
130	33.2	24.9	37.3

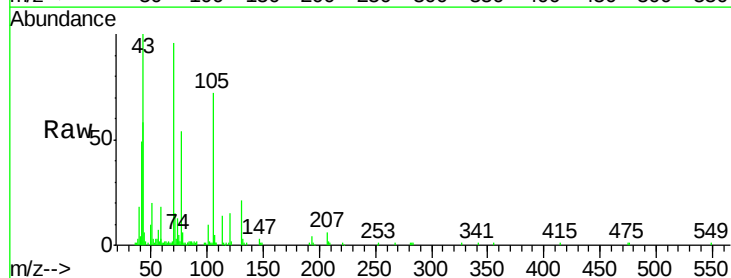


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

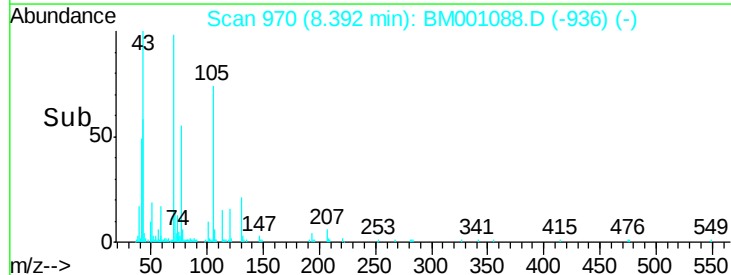
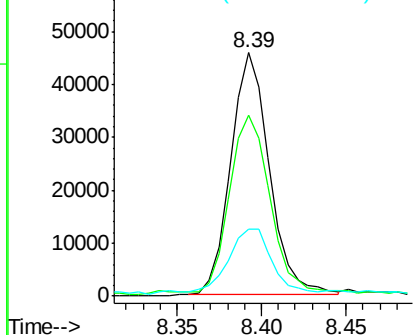


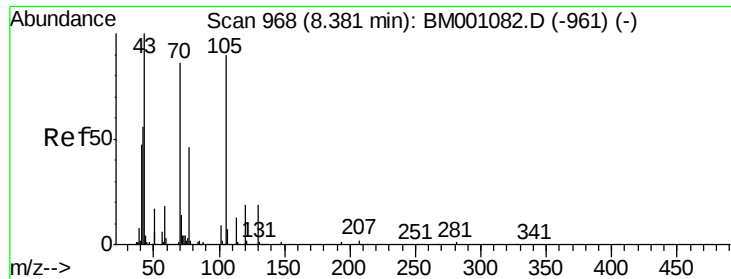
#14
Acetophenone
Concen: 3.62 ng/ul
RT: 8.39 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001088.D
Acq: 21 Apr 2015 05:11

Tgt Ion	Ratio	Lower	Upper
105	100		
77	74.3	61.5	92.3
51	27.6	24.5	36.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 28.56 ng/ul

RT: 8.38 min Scan# 968

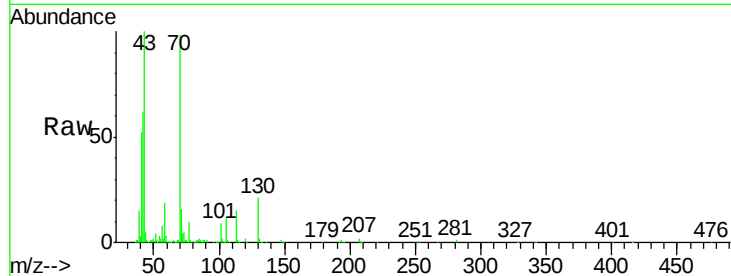
Delta R.T. -0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

Tot Ion: 70 Resp: 283313

Ion	Ratio	Lower	Upper
70	100		
42	62.9	56.3	84.5
101	9.2	7.5	11.3
130	21.1	18.4	27.6

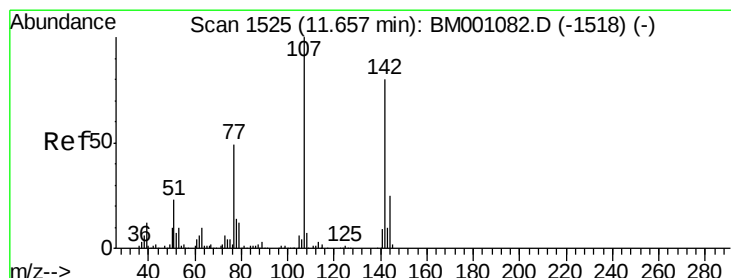
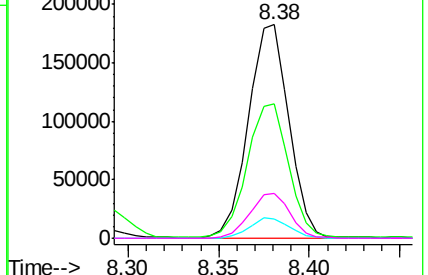
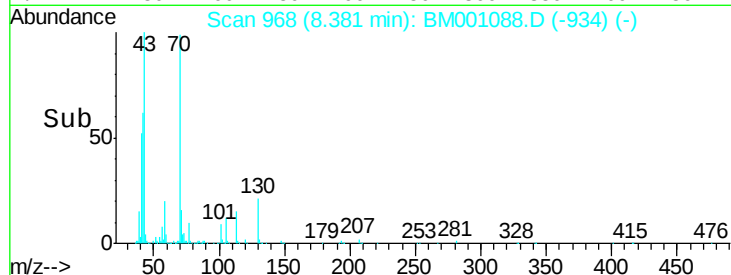


Abundance Ion 70.00 (69.70 to 70.70): BM001088.D (-934) (-)

Ion 42.00 (41.70 to 42.70): BM001088.D (-934) (-)

Ion 101.00 (100.70 to 101.70): BM001088.D (-934) (-)

Ion 130.00 (129.70 to 130.70): BM001088.D (-934) (-)



#33

4-Chloro-3-methylphenol

Concen: 27.92 ng/ul

RT: 11.66 min Scan# 1525

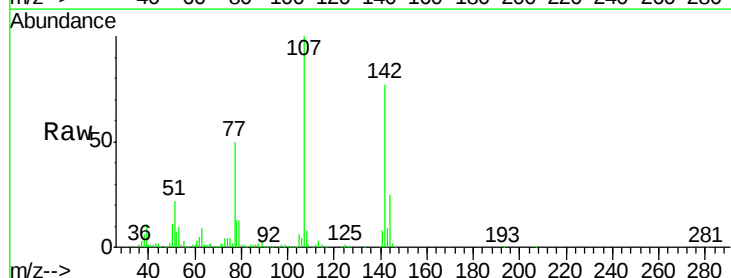
Delta R.T. 0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

Tgt Ion: 107 Resp: 353402

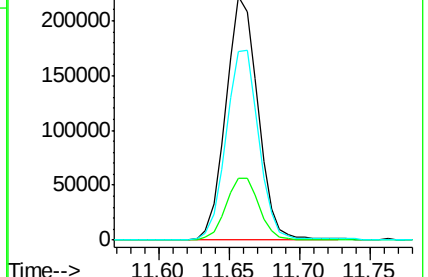
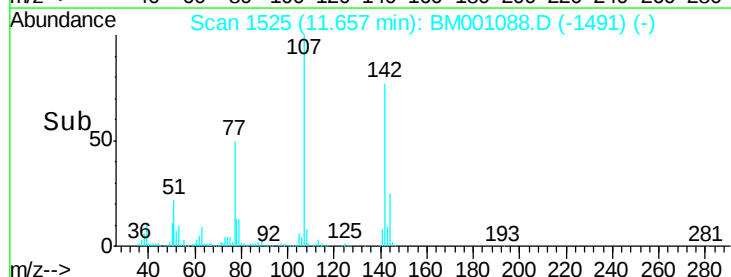
Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.2	30.2
142	77.5	65.6	98.4

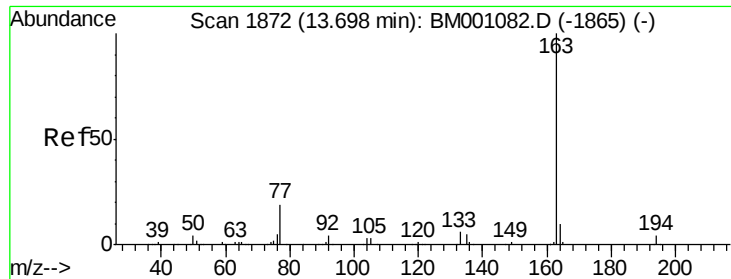


Abundance Ion 107.00 (106.70 to 107.70): BM001088.D (-1491) (-)

Ion 144.00 (143.70 to 144.70): BM001088.D (-1491) (-)

Ion 142.00 (141.70 to 142.70): BM001088.D (-1491) (-)





#44

Dimethylphthalate

Concen: 4.93 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

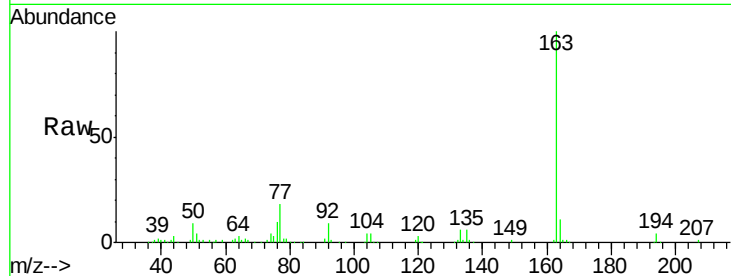
Tot Ion:163 Resp: 173186

Ion Ratio Lower Upper

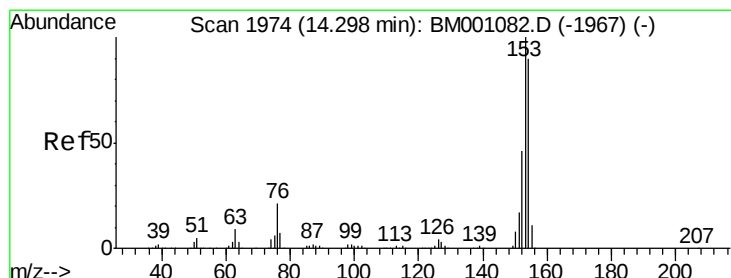
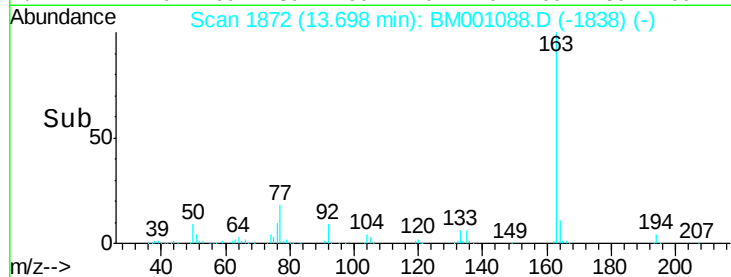
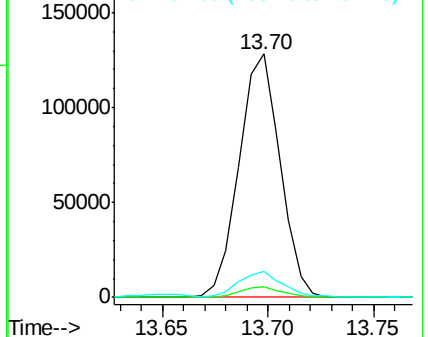
163 100

194 4.5 3.0 4.4#

164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 21.97 ng/ul

RT: 14.30 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

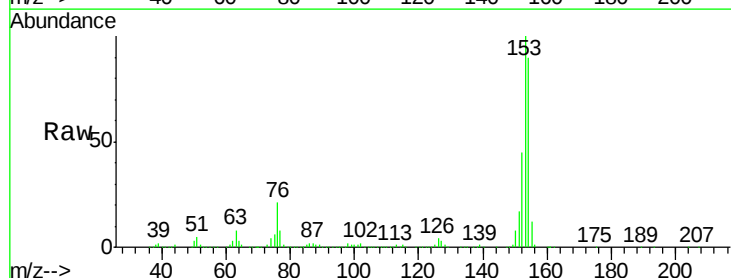
Tgt Ion:153 Resp: 705672

Ion Ratio Lower Upper

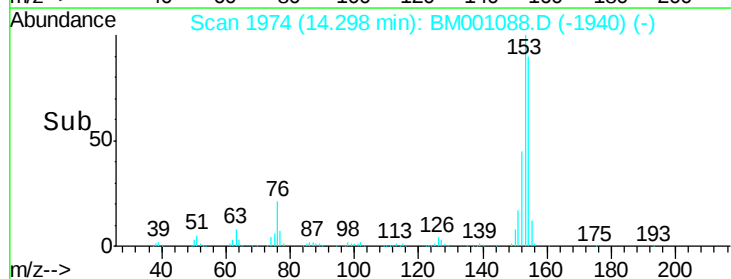
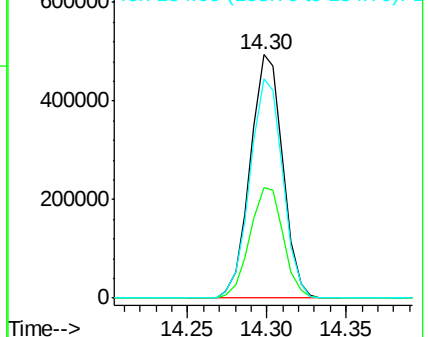
153 100

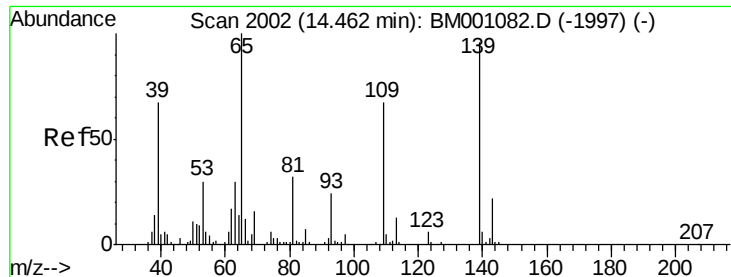
152 45.5 37.8 56.6

154 90.2 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 27.92 ng/ul

RT: 14.47 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

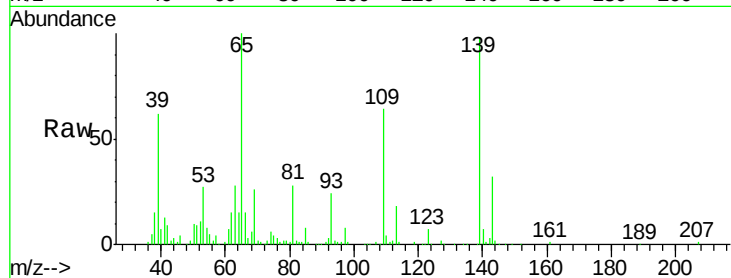
Tot Ion:109 Resp: 128682

Ion Ratio Lower Upper

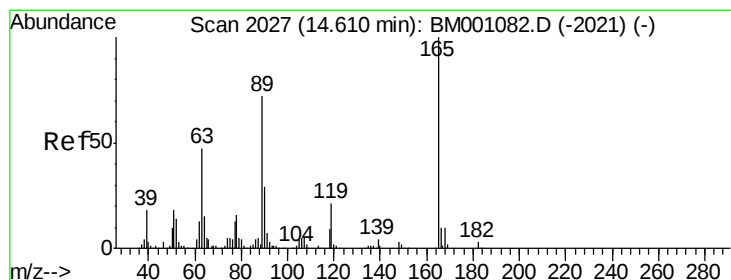
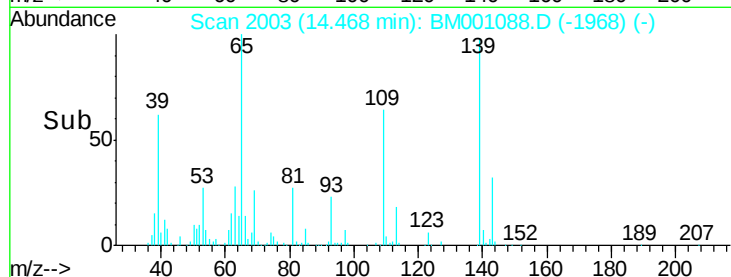
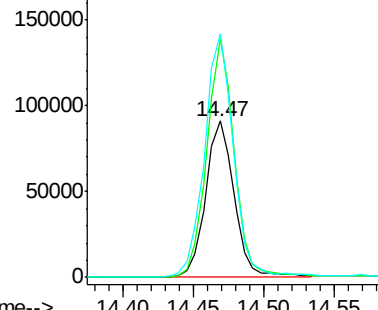
109 100

139 152.8 112.6 168.8

65 156.0 115.9 173.9



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



#54

2,4-Dinitrotoluene

Concen: 26.64 ng/ul

RT: 14.61 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BM001088.D

Acq: 21 Apr 2015 05:11

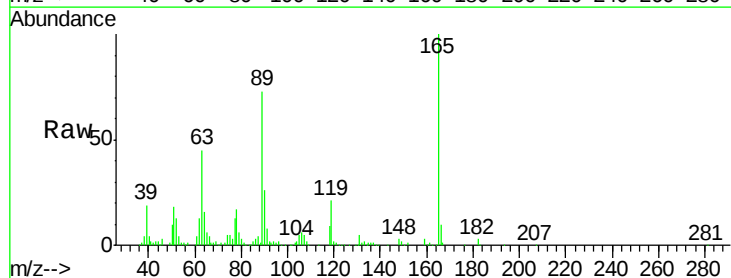
Tgt Ion:165 Resp: 258345

Ion Ratio Lower Upper

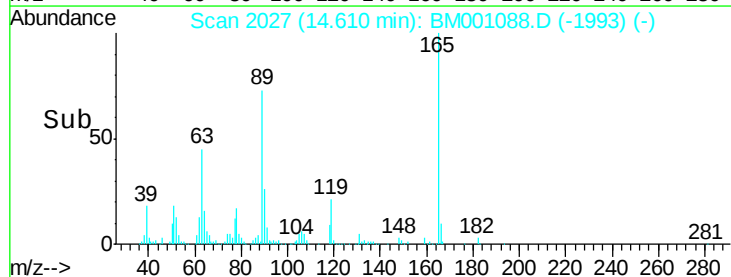
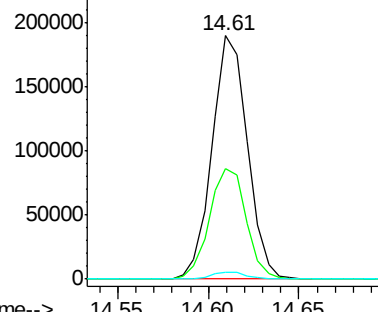
165 100

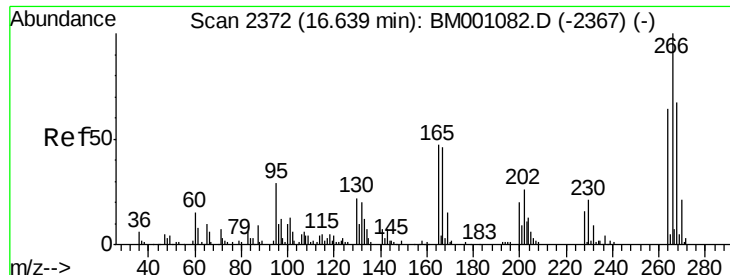
63 45.2 36.1 54.1

182 2.8 2.4 3.6



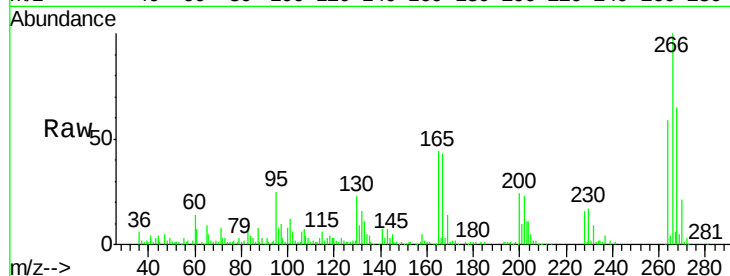
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E



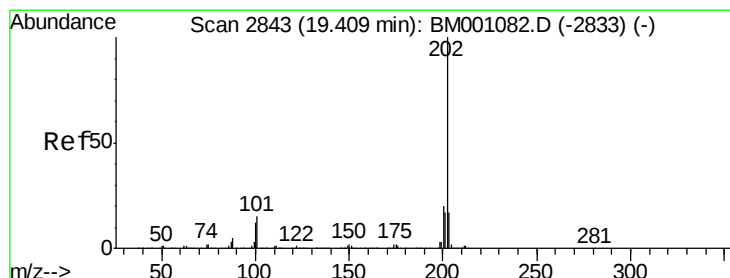
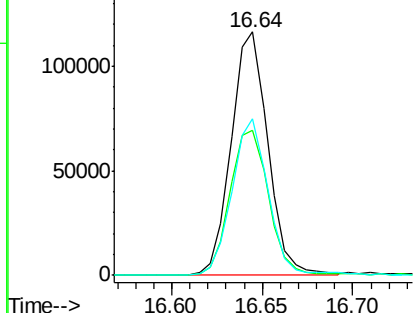
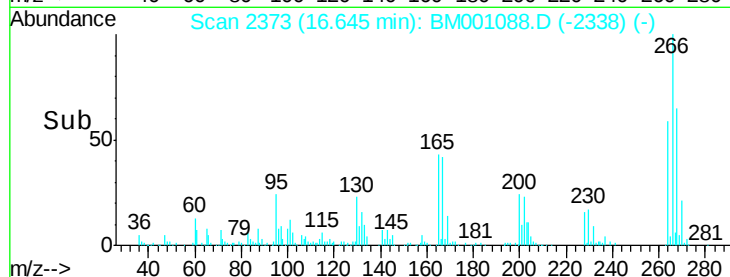


#68
 Pentachlorophenol
 Concen: 27.32 ng/ul
 RT: 16.64 min Scan# 2373
 Delta R.T. 0.01 min
 Lab File: BM001088.D
 Acq: 21 Apr 2015 05:11

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.4	50.2	75.4
268	64.5	50.1	75.1

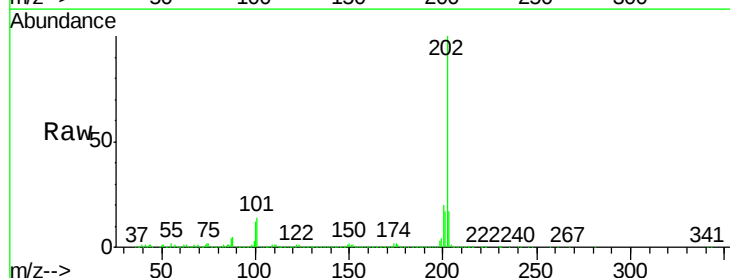


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 18.65 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BM001088.D
 Acq: 21 Apr 2015 05:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.4	17.2
100	12.2	9.8	14.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

