

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
 Data File : BM001087.D
 Acq On : 21 Apr 2015 04:35
 Operator : TP/IZ
 Sample : G1859-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 21 05:59:14 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	216402	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	893751	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	488856	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1025024	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1026192	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	988379	20.00	ng/ul	0.00

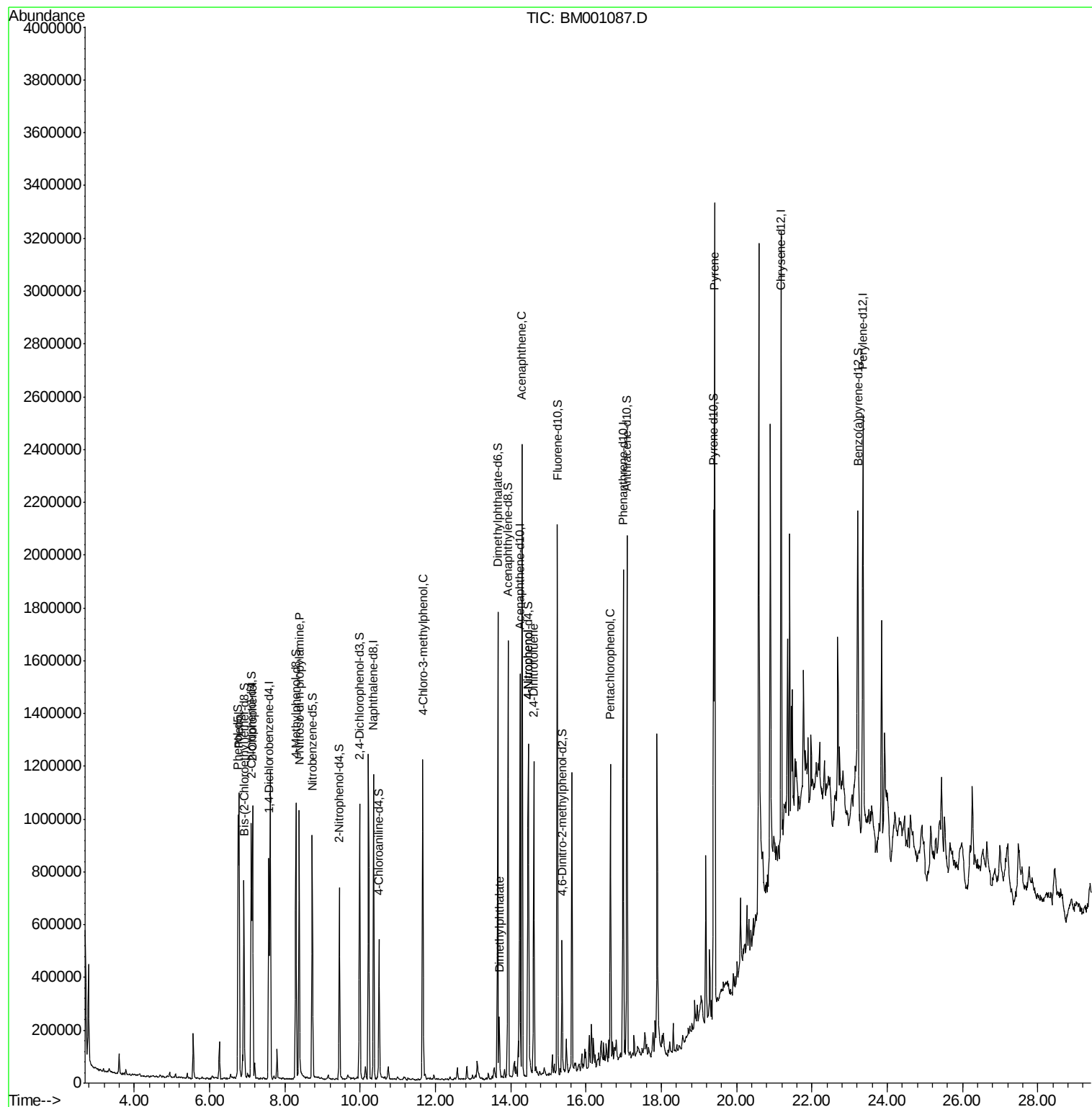
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.03	96	315	0.07	ng/uL	0.00
5) Phenol-d5	6.76	99	526100	31.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	332654	31.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	431059	31.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	370742	27.83	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	210865	34.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	223708	33.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	373521	28.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	268505	21.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1126520	34.59	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1192633	25.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	189497	29.93	ng/ul	0.00
57) Fluorene-d10	15.23	176	736364	22.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	97556	17.53	ng/ul	0.00
70) Anthracene-d10	17.08	188	993422	21.41	ng/ul	0.00
76) Pyrene-d10	19.39	212	906046	19.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	618471	13.98	ng/ul	0.00

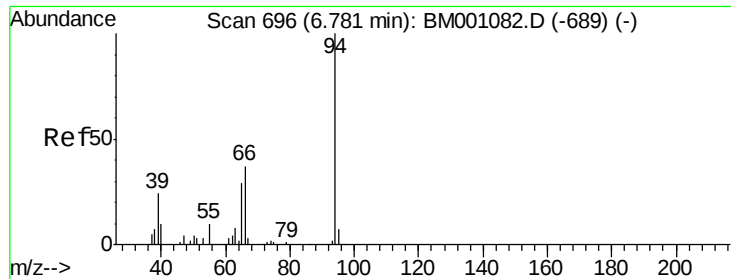
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.78	94	544800	30.51	ng/ul	98
10) 2-Chlorophenol	7.14	128	433294	29.82	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.38	70	328964	30.61	ng/ul	93
33) 4-Chloro-3-methylphenol	11.66	107	419309	31.17	ng/ul	98
44) Dimethylphthalate	13.70	163	142491	3.90	ng/ul	98
49) Acenaphthene	14.30	153	916945	27.49	ng/ul	99
52) 4-Nitrophenol	14.47	109	145221	30.33	ng/ul	95
54) 2,4-Dinitrotoluene	14.61	165	307327	30.52	ng/ul	96
68) Pentachlorophenol	16.64	266	186797	31.42	ng/ul	98
77) Pyrene	19.42	202	1714856	26.31	ng/ul	98

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

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Response via : Initial Calibration





#6

Phenol

Concen: 30.51 ng/ul

RT: 6.78 min Scan# 696

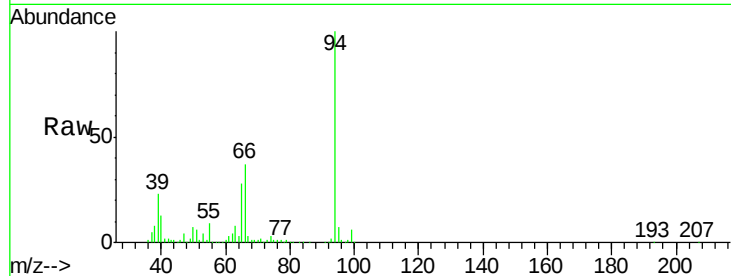
Delta R.T. 0.00 min

Lab File: BM001087.D

Acq: 21 Apr 2015 04:35

Tgt Ion: 94 Resp: 544800

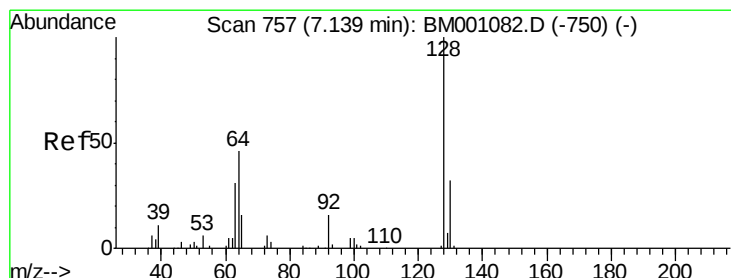
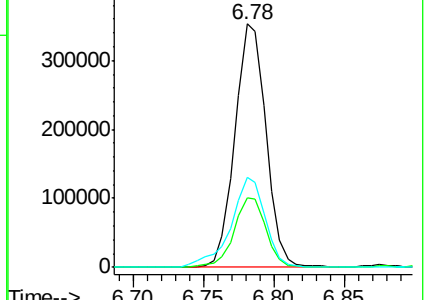
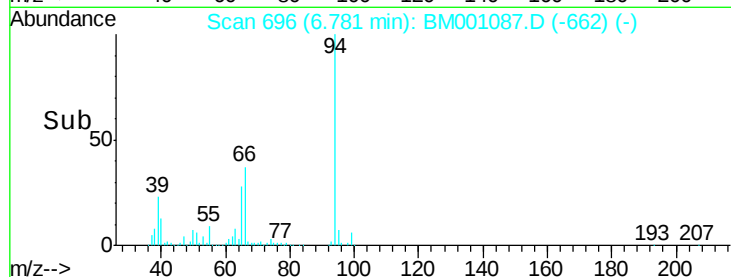
Ion	Ratio	Lower	Upper
94	100		
65	28.3	24.9	37.3
66	37.2	29.8	44.8



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: 29.82 ng/ul

RT: 7.14 min Scan# 757

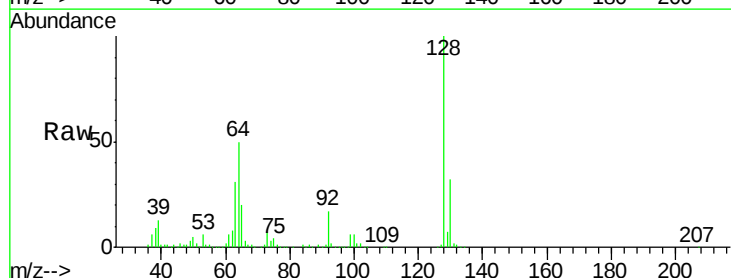
Delta R.T. 0.00 min

Lab File: BM001087.D

Acq: 21 Apr 2015 04:35

Tgt Ion: 128 Resp: 433294

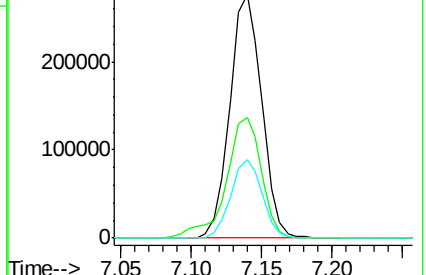
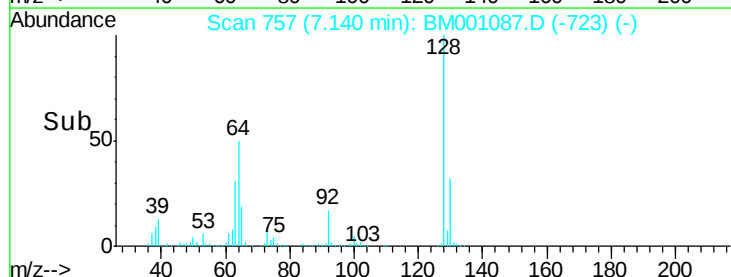
Ion	Ratio	Lower	Upper
128	100		
64	49.5	40.4	60.6
130	32.1	24.9	37.3

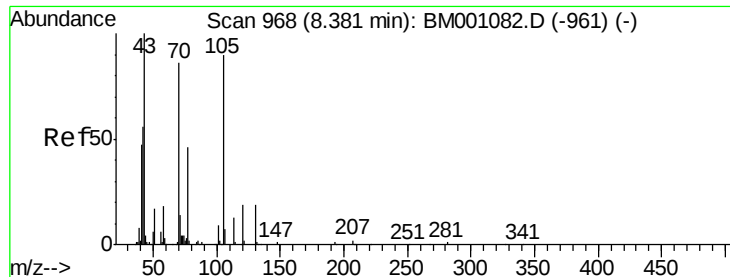


Abundance Ion 128.00 (127.70 to 128.70): BM001082.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM001082.D (-750) (-)

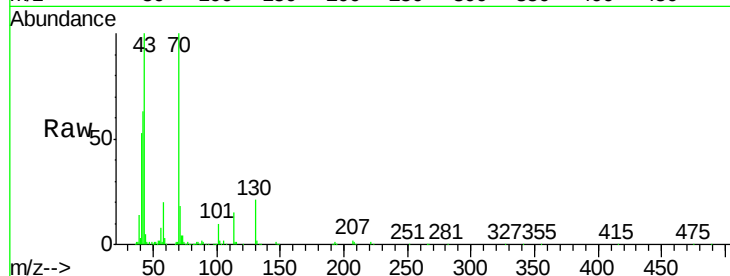
Ion 130.00 (129.70 to 130.70): BM001082.D (-750) (-)



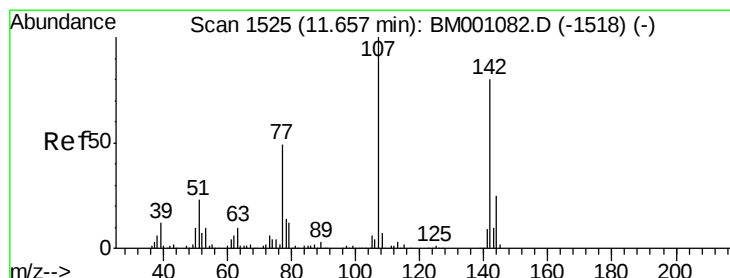
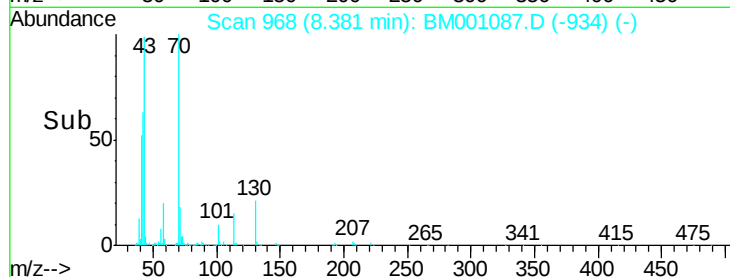
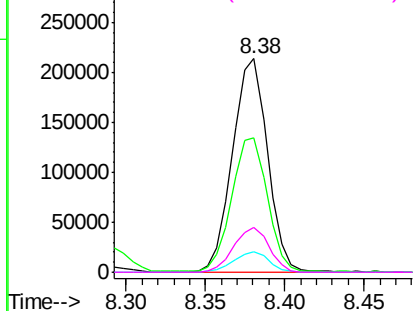


#15
N-Nitroso-di-n-propylamine
Concen: 30.61 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM001087.D
Acq: 21 Apr 2015 04:35

Tgt Ion:	70	Resp:	328964
Ion	Ratio	Lower	Upper
70	100		
42	63.0	56.3	84.5
101	9.8	7.5	11.3
130	21.0	18.4	27.6

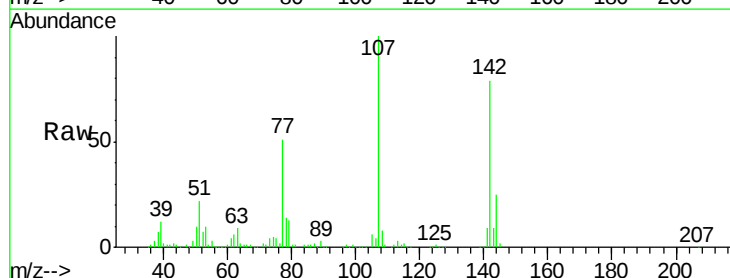


Abundance Ion 70.00 (69.70 to 70.70): BM001087.D (-961) (-)
Ion 42.00 (41.70 to 42.70): BM001087.D (-961) (-)
Ion 101.00 (100.70 to 101.70): BM001087.D (-961) (-)
Ion 130.00 (129.70 to 130.70): BM001087.D (-961) (-)

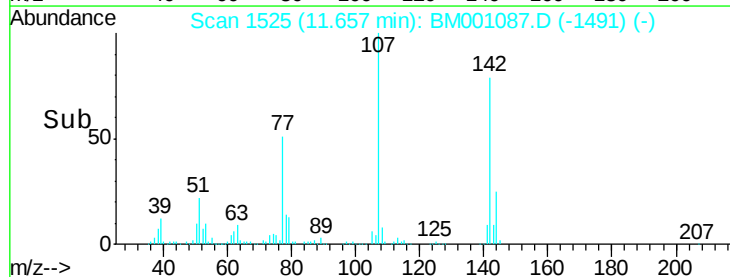
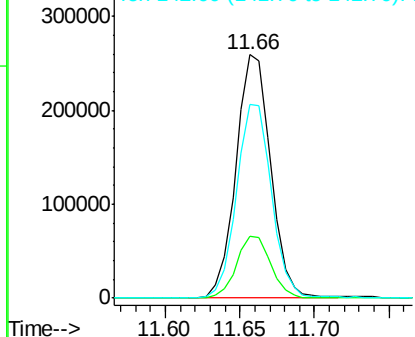


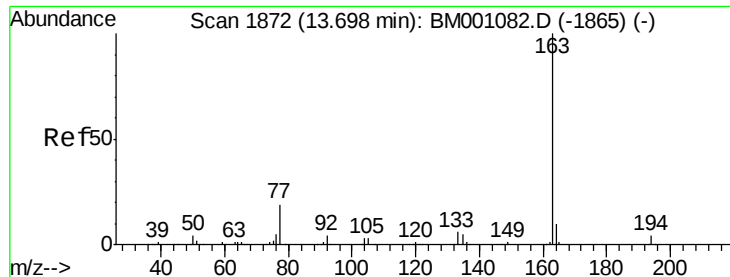
#33
4-Chloro-3-methylphenol
Concen: 31.17 ng/ul
RT: 11.66 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BM001087.D
Acq: 21 Apr 2015 04:35

Tgt Ion:	107	Resp:	419309
Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.2	30.2
142	79.4	65.6	98.4



Abundance Ion 107.00 (106.70 to 107.70): BM001087.D (-1518) (-)
Ion 144.00 (143.70 to 144.70): BM001087.D (-1518) (-)
Ion 142.00 (141.70 to 142.70): BM001087.D (-1518) (-)





#44

Dimethylphthalate

Concen: 3.90 ng/ul

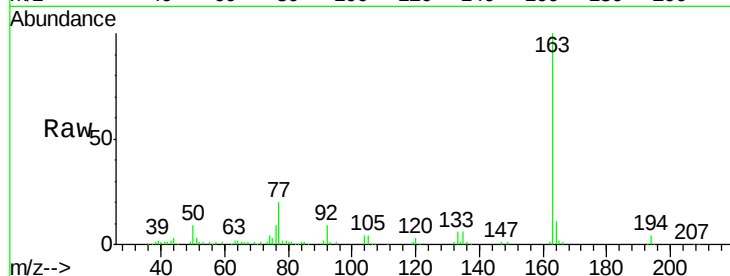
RT: 13.70 min Scan# 1872

Delta R.T. 0.00 min

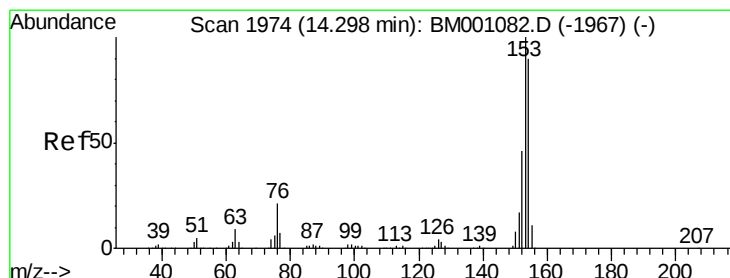
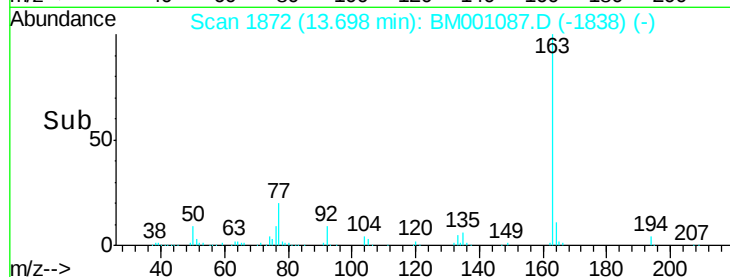
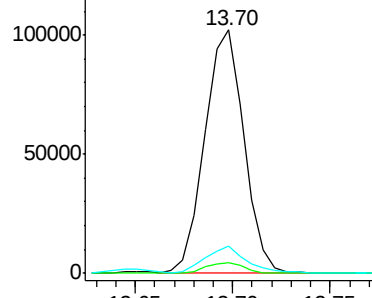
Lab File: BM001087.D

Acq: 21 Apr 2015 04:35

Tgt Ion:	163	Resp:	142491
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.0	4.4
164	11.0	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: 27.49 ng/ul

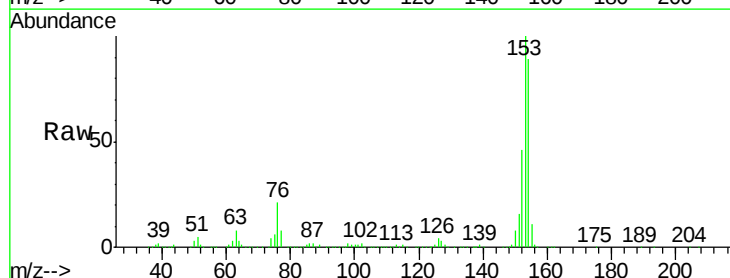
RT: 14.30 min Scan# 1974

Delta R.T. 0.00 min

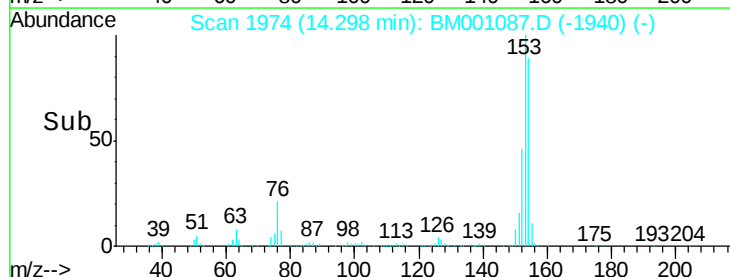
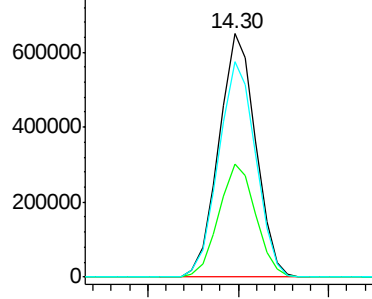
Lab File: BM001087.D

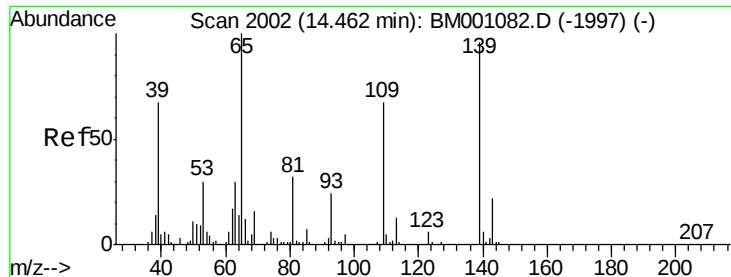
Acq: 21 Apr 2015 04:35

Tgt Ion:	153	Resp:	916945
Ion Ratio	Lower	Upper	
153	100		
152	46.2	37.8	56.6
154	88.6	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: 30.33 ng/ul

RT: 14.47 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM001087.D

Acq: 21 Apr 2015 04:35

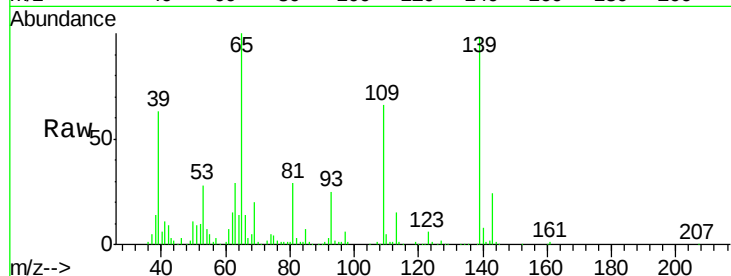
Tgt Ion:109 Resp: 145221

Ion Ratio Lower Upper

109 100

139 147.1 112.6 168.8

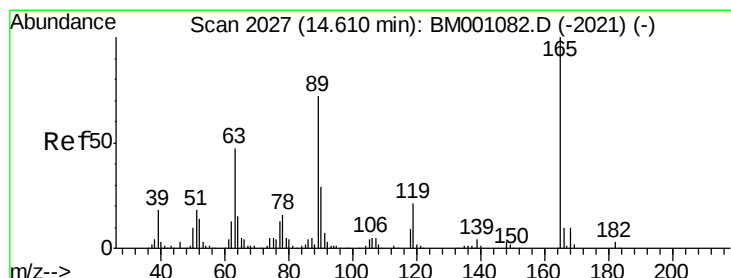
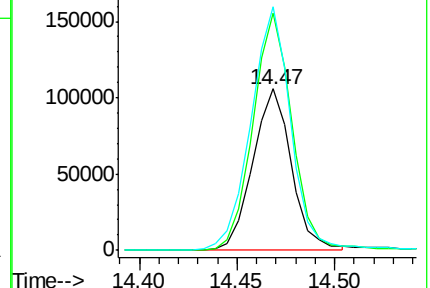
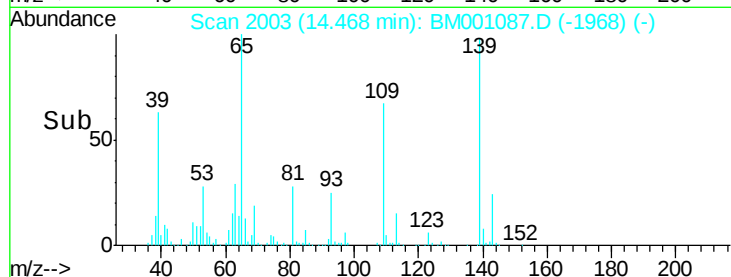
65 150.7 115.9 173.9



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: 30.52 ng/ul

RT: 14.61 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BM001087.D

Acq: 21 Apr 2015 04:35

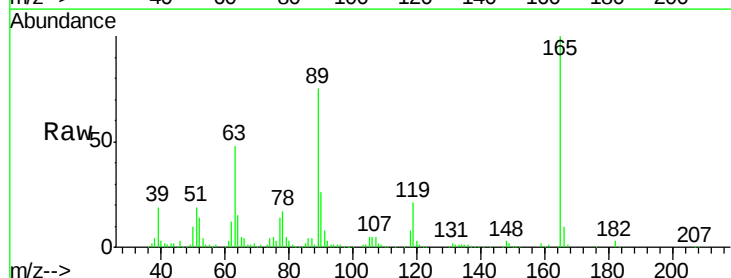
Tgt Ion:165 Resp: 307327

Ion Ratio Lower Upper

165 100

63 47.7 36.1 54.1

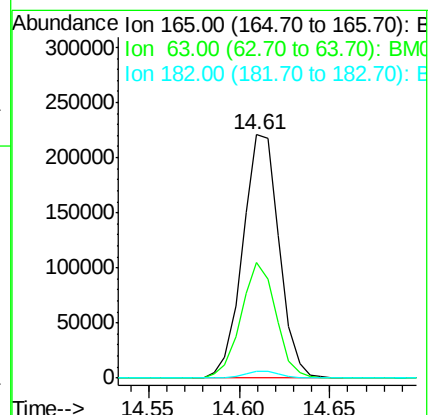
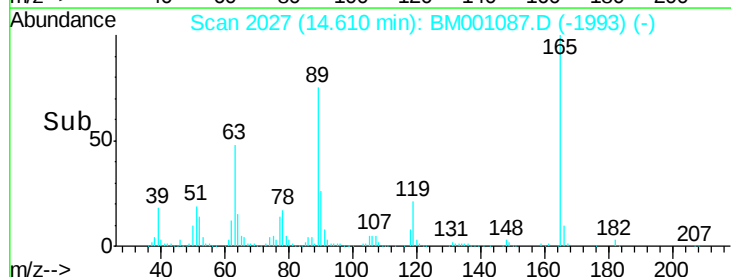
182 3.0 2.4 3.6

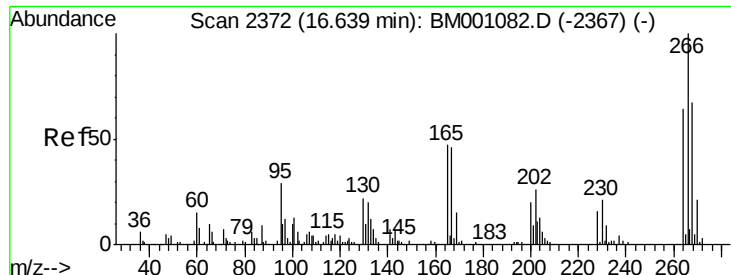


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

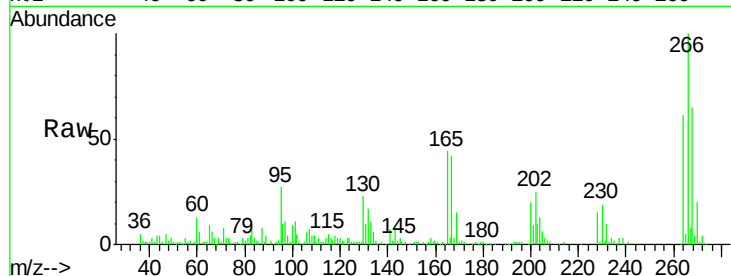
Ion 182.00 (181.70 to 182.70): E



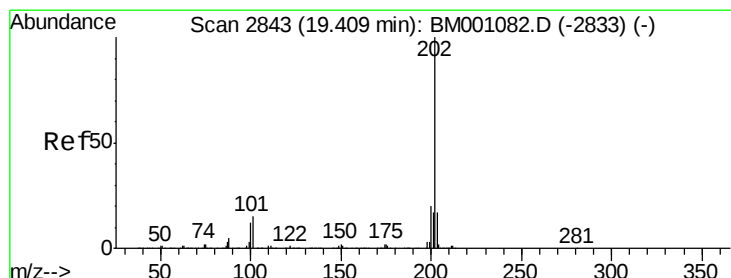
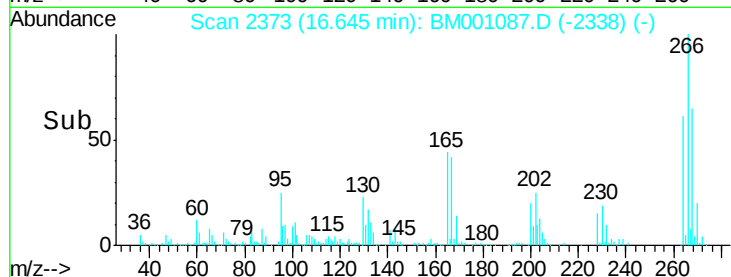
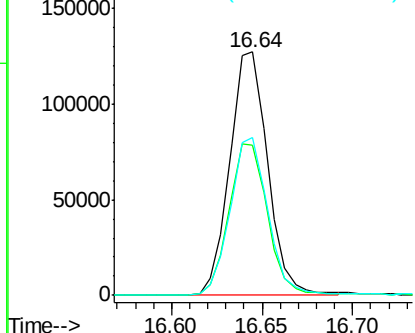


#68
 Pentachlorophenol
 Concen: 31.42 ng/ul
 RT: 16.64 min Scan# 2373
 Delta R.T. 0.01 min
 Lab File: BM001087.D
 Acq: 21 Apr 2015 04:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.2	75.4
268	64.8	50.1	75.1

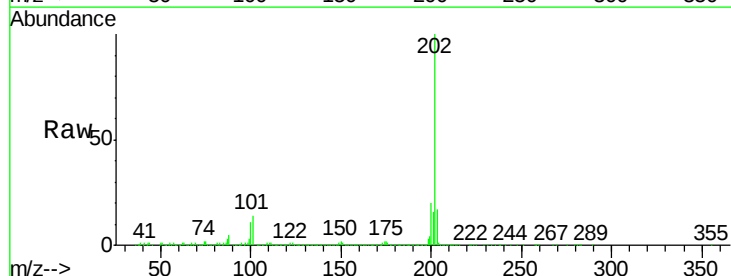


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 26.31 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BM001087.D
 Acq: 21 Apr 2015 04:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.4	17.2
100	11.2	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): E

