

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008384.D
 Acq On : 16 Dec 2016 21:38
 Operator : UM/SJ
 Sample : H6039-14MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S9MS

Quant Time: Dec 17 02:19:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 02:12:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	102326	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	398213	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	262372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	538829	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	671583	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	681769	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3440	1.58	ng/uL	0.00
5) Phenol-d5	6.86	99	59770	7.53	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	160284	35.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	178448	29.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	109564	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	106859	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	122230	38.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	199291	34.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	8128	1.21	ng/ul	0.06
43) Dimethylphthalate-d6	13.72	166	714752	40.98	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	857104	41.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	10495	4.08	ng/ul	0.04
57) Fluorene-d10	15.30	176	607432	40.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	93958	29.29	ng/ul	0.00
70) Anthracene-d10	17.16	188	990198	42.18	ng/ul	0.00
76) Pyrene-d10	19.46	212	1191863	45.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1231602	43.02	ng/ul	0.00

Target Compounds

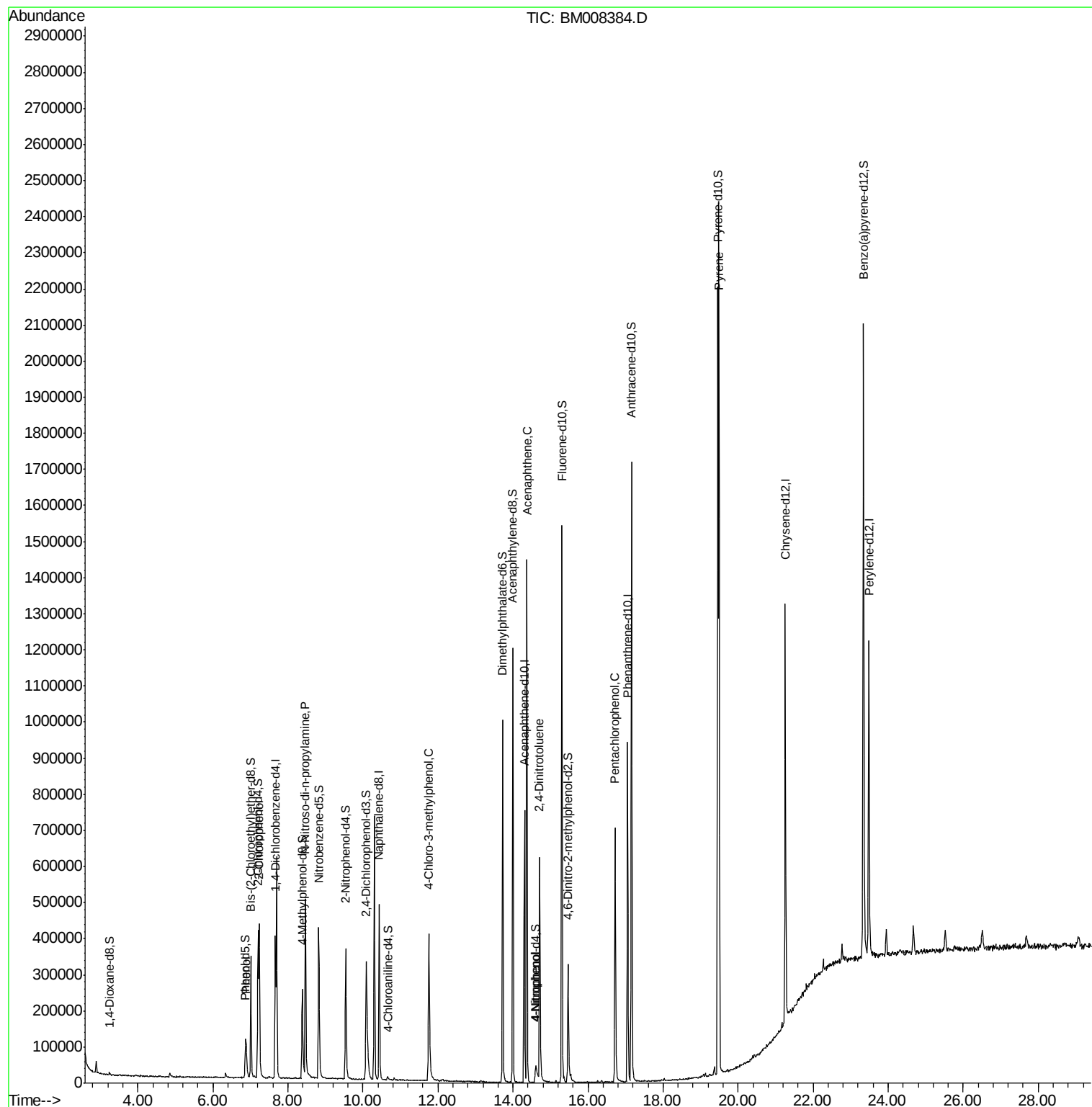
						Qvalue
6) Phenol	6.89	94	68592	8.32	ng/ul	95
10) 2-Chlorophenol	7.23	128	185085	30.68	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	195807	37.90	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	205361	32.22	ng/ul	96
49) Acenaphthene	14.37	153	590244	40.94	ng/ul	98
52) 4-Nitrophenol	14.62	109	6080	2.47	ng/ul	97
54) 2,4-Dinitrotoluene	14.71	165	208982	41.91	ng/ul#	74
68) Pentachlorophenol	16.72	266	149522	41.24	ng/ul	96
77) Pyrene	19.49	202	1551477	47.05	ng/ul	98

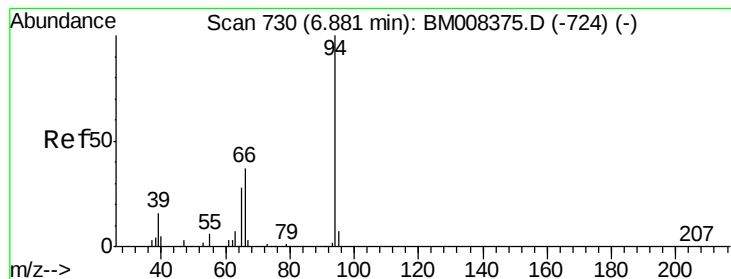
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 02:12:55 2016
Response via : Initial Calibration





#6

Phenol

Concen: 8.32 ng/ul

RT: 6.89 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM008384.D

Acq: 16 Dec 2016 21:38

Instrument :

BNA_M

ClientSampleId :

DA8S9MS

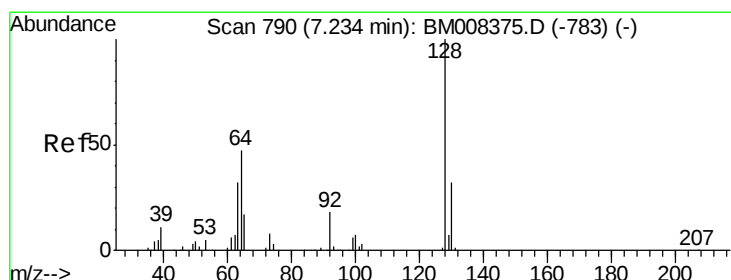
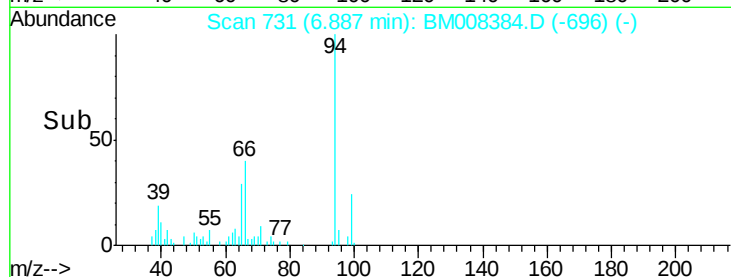
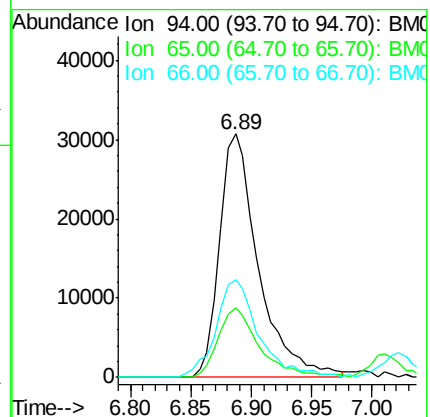
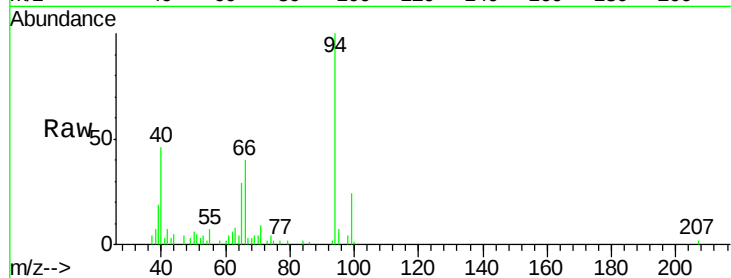
Tgt Ion: 94 Resp: 68592

Ion Ratio Lower Upper

94 100

65 28.6 22.6 34.0

66 40.1 35.8 53.8



#10

2-Chlorophenol

Concen: 30.68 ng/ul

RT: 7.23 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM008384.D

Acq: 16 Dec 2016 21:38

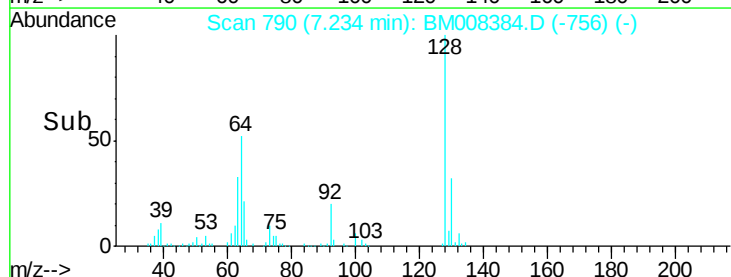
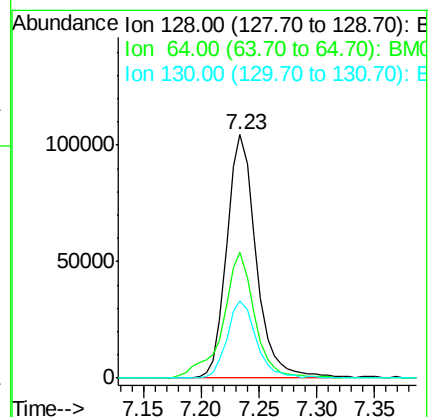
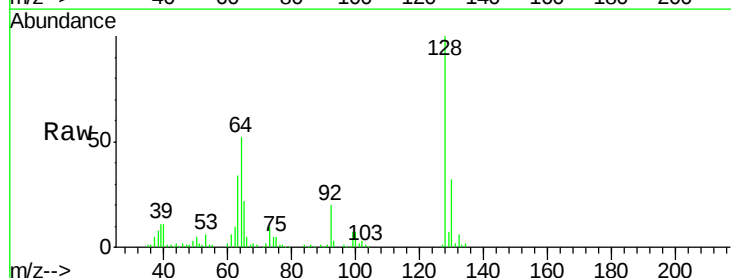
Tgt Ion: 128 Resp: 185085

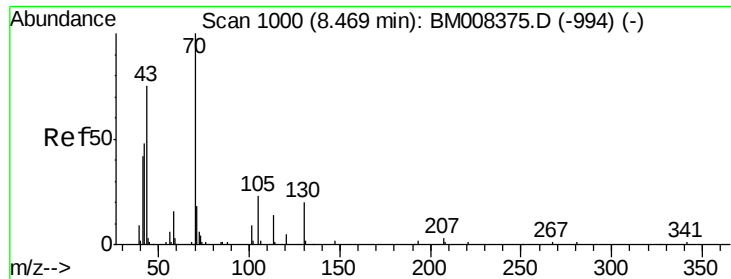
Ion Ratio Lower Upper

128 100

64 51.6 40.0 60.0

130 31.8 25.6 38.4

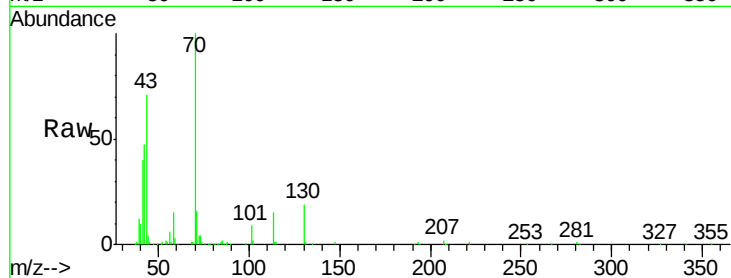




#15
N-Nitroso-di-n-propylamine
Concen: 37.90 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM008384.D
Acq: 16 Dec 2016 21:38

Instrument :
BNA_M
ClientSampleId :
DA8S9MS

Tgt Ion:	70	Resp:	195807
Ion	Ratio	Lower	Upper
70	100		
42	46.7	38.6	57.8
101	9.0	8.2	12.4
130	19.0	16.6	24.8

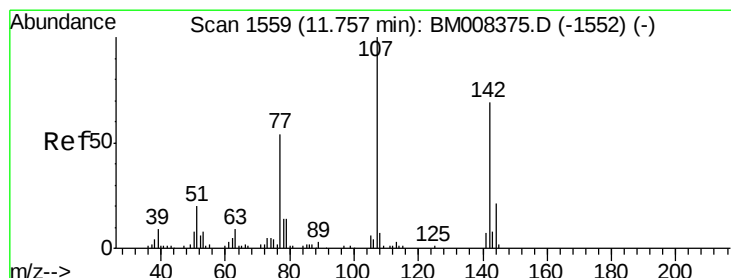
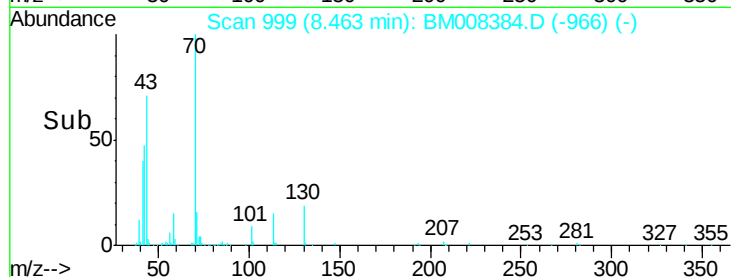
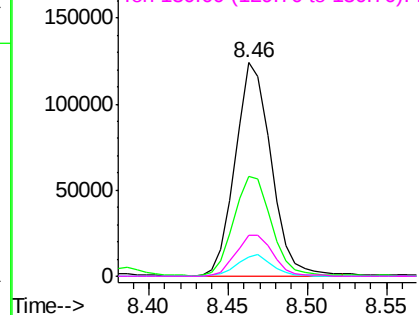


Abundance Ion 70.00 (69.70 to 70.70): BM008375.D (-994) (-)

Ion 42.00 (41.70 to 42.70): BM008375.D (-994) (-)

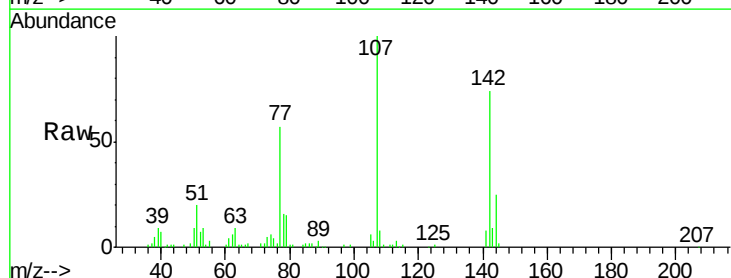
Ion 101.00 (100.70 to 101.70): BM008375.D (-994) (-)

Ion 130.00 (129.70 to 130.70): BM008375.D (-994) (-)



#33
4-Chloro-3-methylphenol
Concen: 32.22 ng/ul
RT: 11.76 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BM008384.D
Acq: 16 Dec 2016 21:38

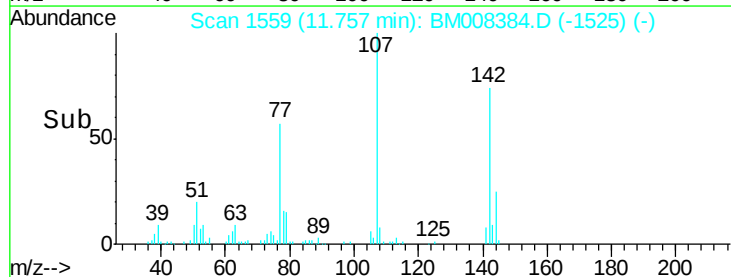
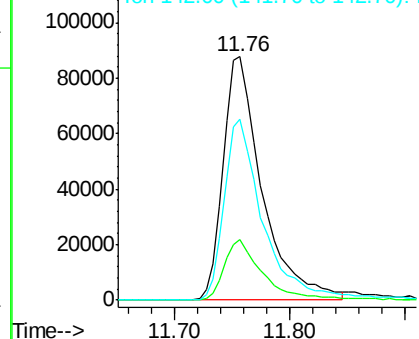
Tgt Ion:	107	Resp:	205361
Ion	Ratio	Lower	Upper
107	100		
144	24.9	17.9	26.9
142	74.4	57.0	85.6

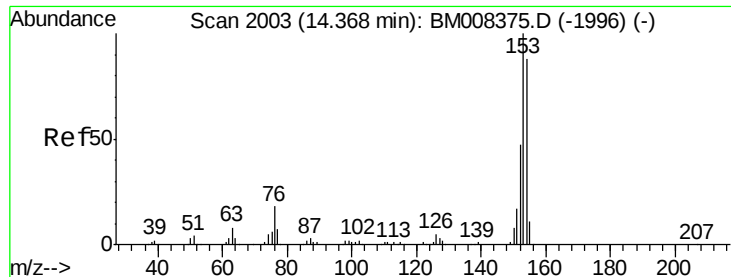


Abundance Ion 107.00 (106.70 to 107.70): BM008375.D (-1552) (-)

Ion 144.00 (143.70 to 144.70): BM008375.D (-1552) (-)

Ion 142.00 (141.70 to 142.70): BM008375.D (-1552) (-)





#49

Acenaphthene

Concen: 40.94 ng/ul

RT: 14.37 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM008384.D

Acq: 16 Dec 2016 21:38

Instrument :

BNA_M

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DA8S9MS

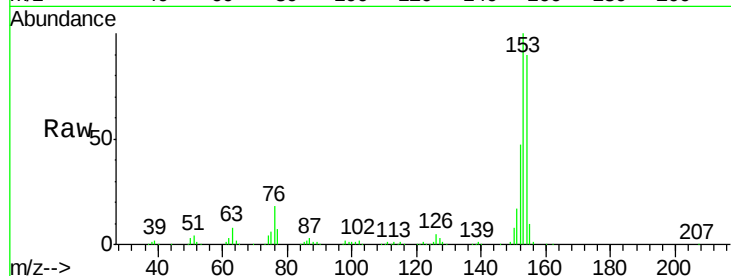
Tgt Ion:153 Resp: 590244

Ion Ratio Lower Upper

153 100

152 47.4 36.6 54.8

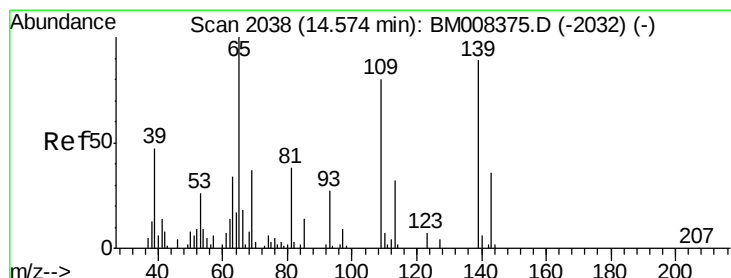
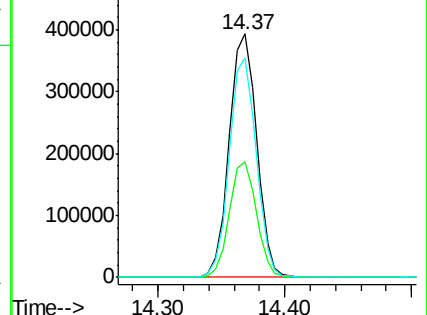
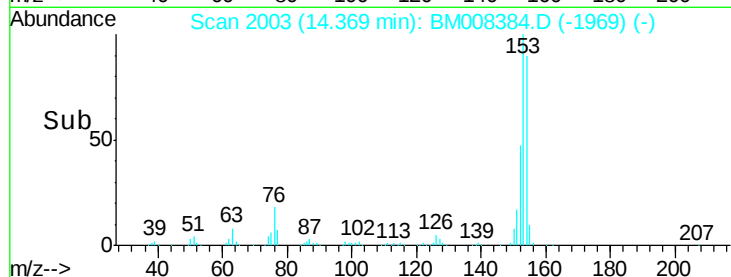
154 90.2 71.4 107.2



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: 2.47 ng/ul

RT: 14.62 min Scan# 2045

Delta R.T. 0.04 min

Lab File: BM008384.D

Acq: 16 Dec 2016 21:38

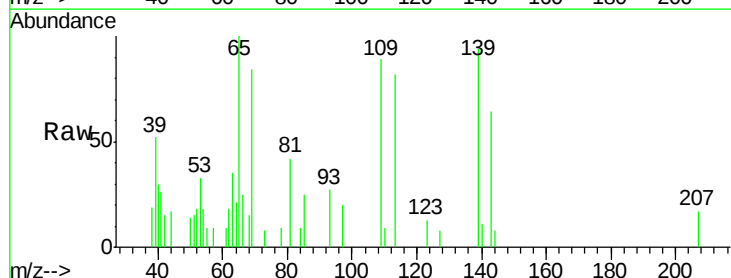
Tgt Ion:109 Resp: 6080

Ion Ratio Lower Upper

109 100

139 105.2 83.3 124.9

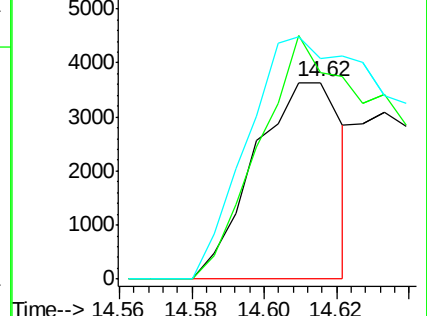
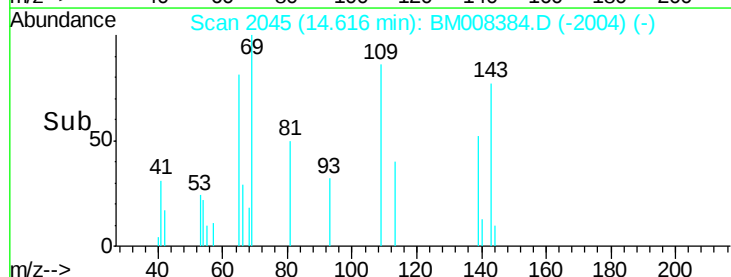
65 112.0 93.0 139.4

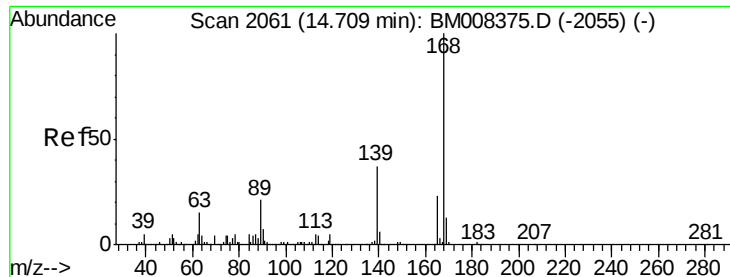


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

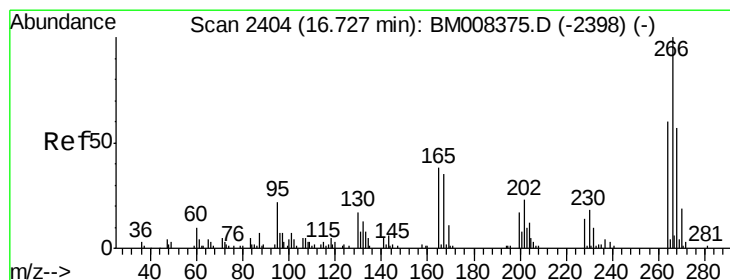
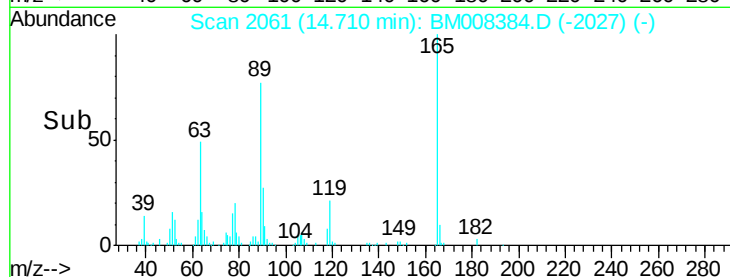
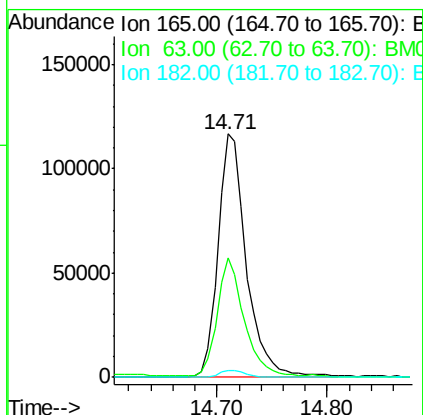
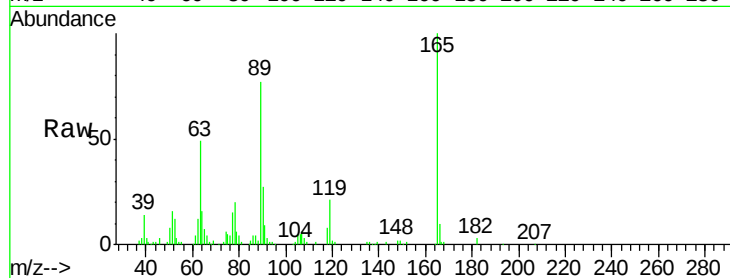




#54
 2,4-Dinitrotoluene
 Concen: 41.91 ng/ul
 RT: 14.71 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM008384.D
 Acq: 16 Dec 2016 21:38

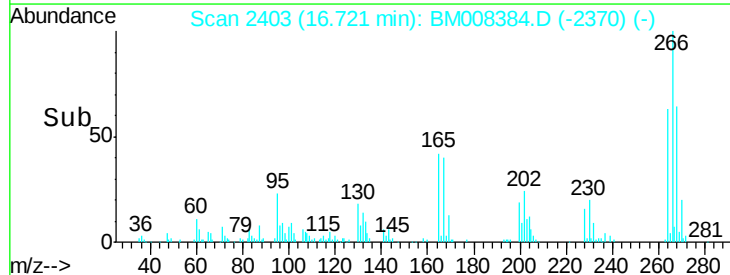
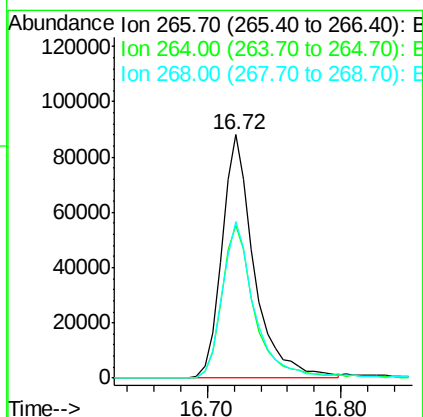
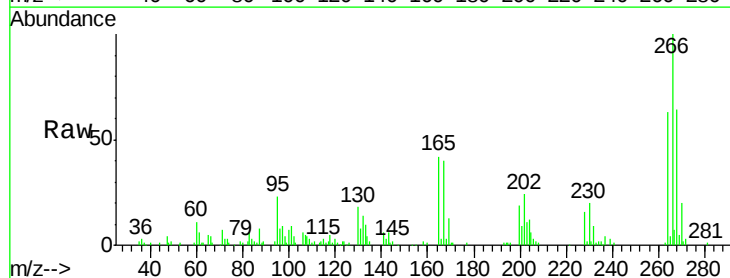
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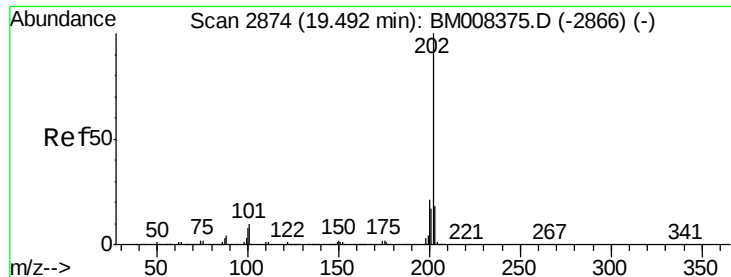
Tgt Ion:165 Resp: 208982
 Ion Ratio Lower Upper
 165 100
 63 49.1 56.8 85.2#
 182 3.1 2.3 3.5



#68
 Pentachlorophenol
 Concen: 41.24 ng/ul
 RT: 16.72 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM008384.D
 Acq: 16 Dec 2016 21:38

Tgt Ion:266 Resp: 149522
 Ion Ratio Lower Upper
 266 100
 264 62.7 47.9 71.9
 268 64.2 49.0 73.6

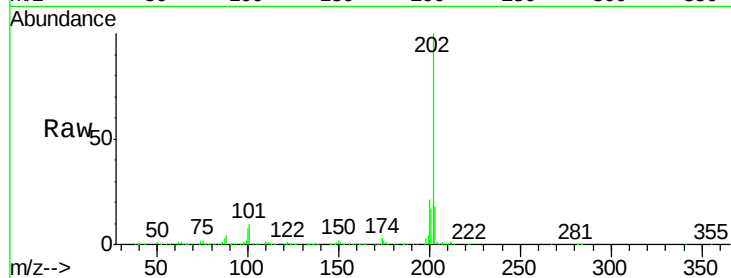




#77
 Pyrene
 Concen: 47.05 ng/ul
 RT: 19.49 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: BM008384.D
 Acq: 16 Dec 2016 21:38

Instrument :
 BNA_M
 ClientSampleId :
 DA8S9MS

Tgt Ion: 202 Resp: 1551477
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.2 12.4
 100 8.1 7.0 10.6



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

