

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
 Data File : BM008385.D
 Acq On : 16 Dec 2016 22:14
 Operator : UM/SJ
 Sample : H6039-15MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S9MSD

Quant Time: Dec 17 02:19:53 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	100242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	392094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	259396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	527296	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	664976	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	687277	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3588	1.68	ng/uL	0.00
5) Phenol-d5	6.86	99	60767	7.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	161529	36.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	178603	30.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	110684	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	107222	37.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	120976	38.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	201804	35.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	7665	1.16	ng/ul	0.06
43) Dimethylphthalate-d6	13.72	166	724293	42.00	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	855905	42.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	4234	1.67	ng/ul	0.04
57) Fluorene-d10	15.30	176	611456	40.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	99596	31.73	ng/ul	0.00
70) Anthracene-d10	17.16	188	1007622	43.86	ng/ul	0.00
76) Pyrene-d10	19.46	212	1205320	46.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1240499	42.98	ng/ul	0.00

Target Compounds

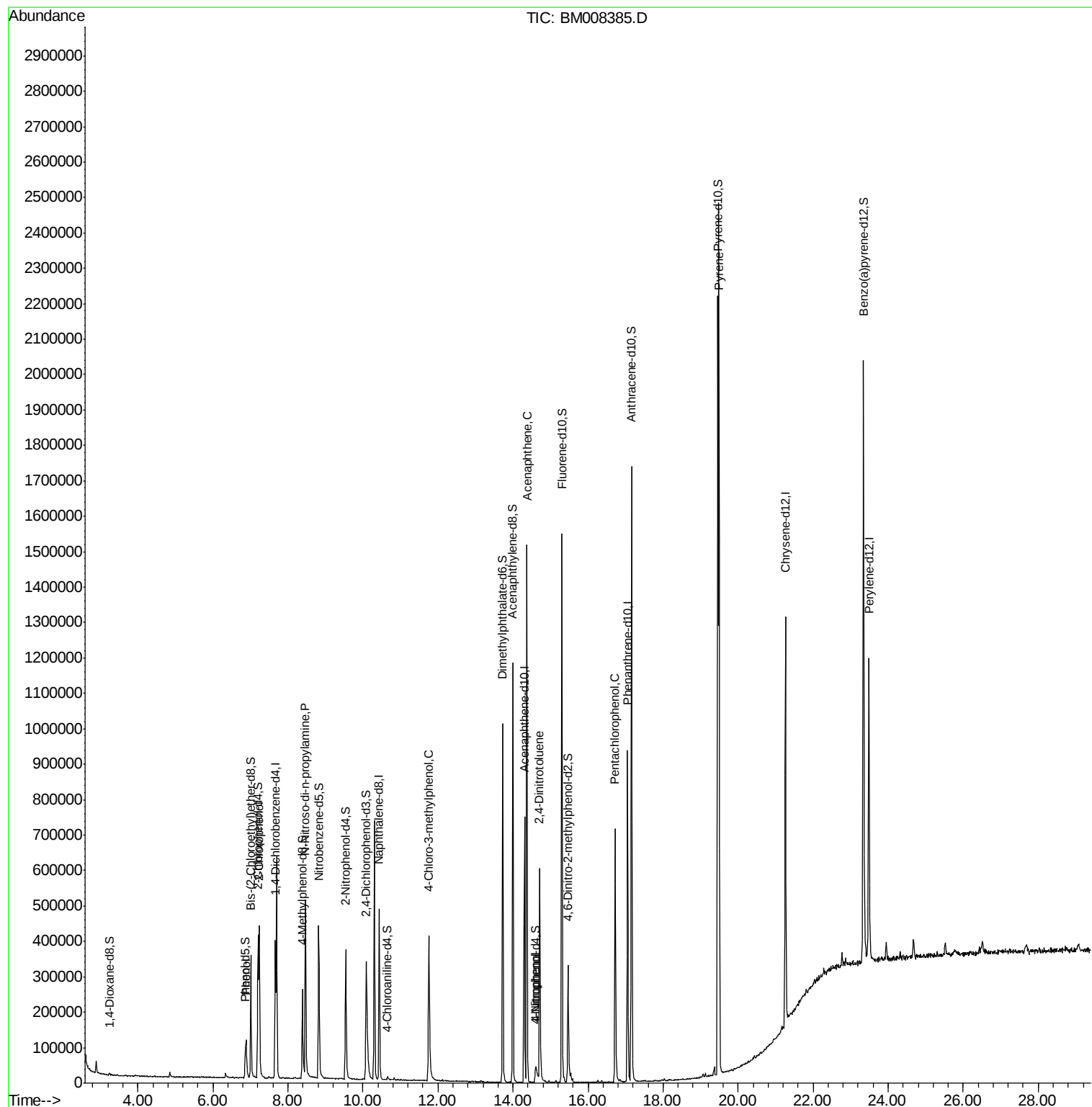
						Qvalue
6) Phenol	6.89	94	68063	8.43	ng/ul	97
10) 2-Chlorophenol	7.23	128	187810	31.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	199481	39.42	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	208879	33.29	ng/ul	97
49) Acenaphthene	14.37	153	600928	42.16	ng/ul	98
52) 4-Nitrophenol	14.61	109	5071	2.08	ng/ul	87
54) 2,4-Dinitrotoluene	14.71	165	207992	42.19	ng/ul#	75
68) Pentachlorophenol	16.72	266	155177	43.73	ng/ul	95
77) Pyrene	19.49	202	1569576	48.07	ng/ul	98

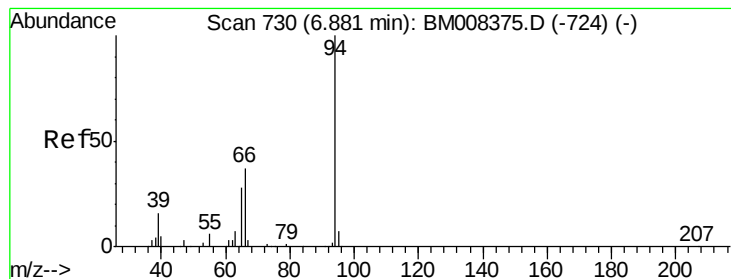
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 8.43 ng/ul

RT: 6.89 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM008385.D

Acq: 16 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA8S9MSD

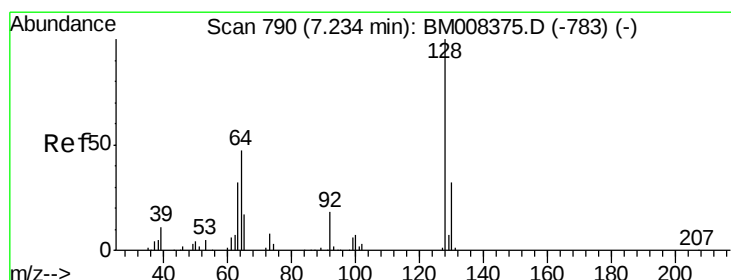
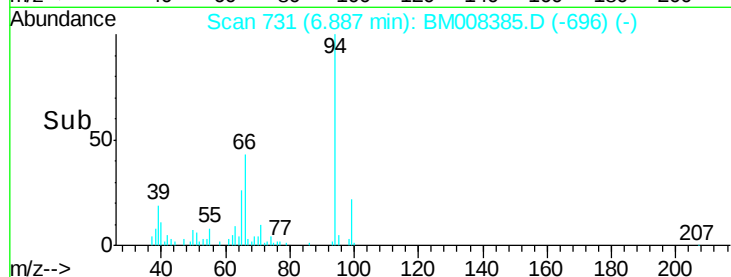
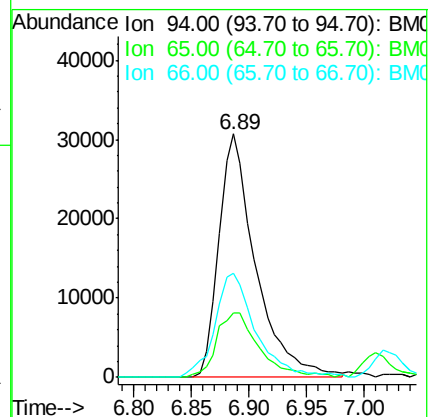
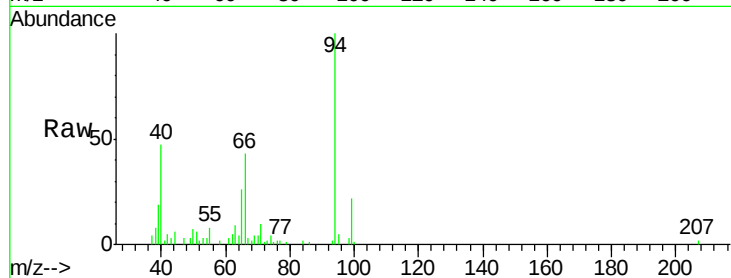
Tgt Ion: 94 Resp: 68063

Ion Ratio Lower Upper

94 100

65 26.5 22.6 34.0

66 42.7 35.8 53.8



#10

2-Chlorophenol

Concen: 31.78 ng/ul

RT: 7.23 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM008385.D

Acq: 16 Dec 2016 22:14

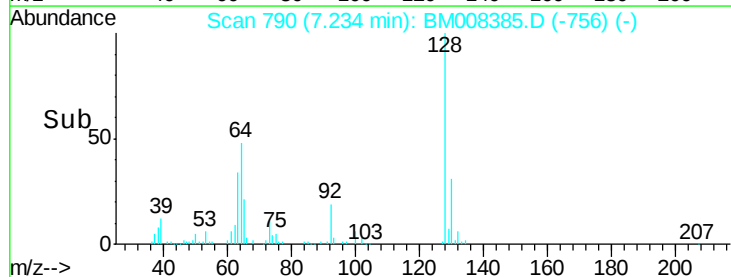
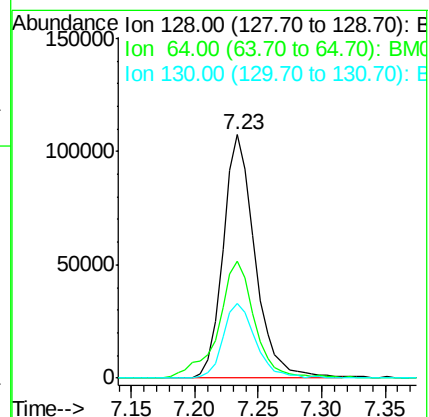
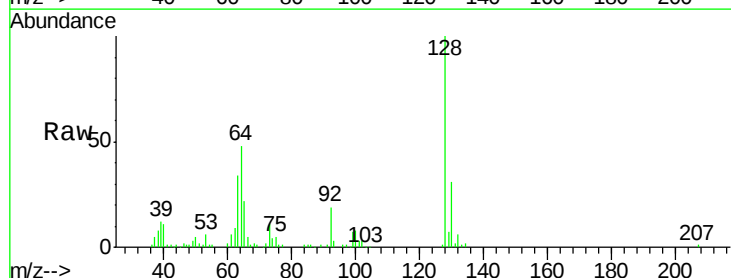
Tgt Ion: 128 Resp: 187810

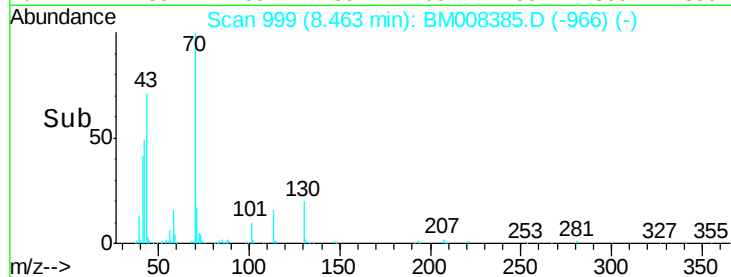
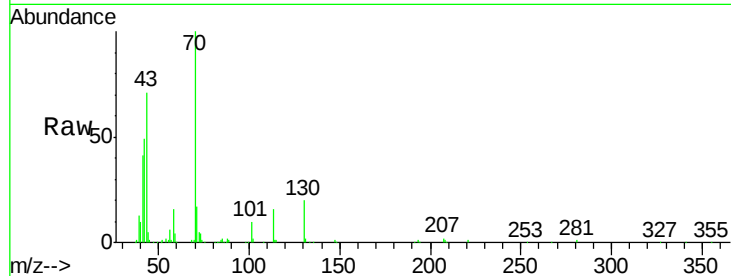
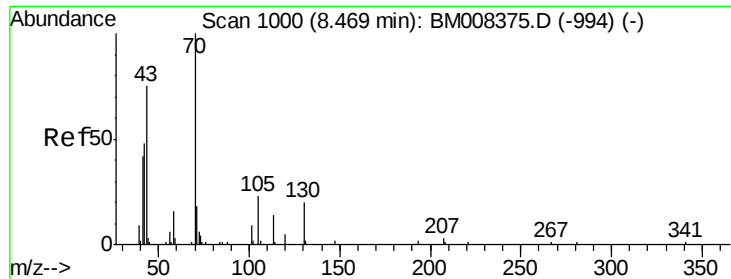
Ion Ratio Lower Upper

128 100

64 48.0 40.0 60.0

130 30.9 25.6 38.4

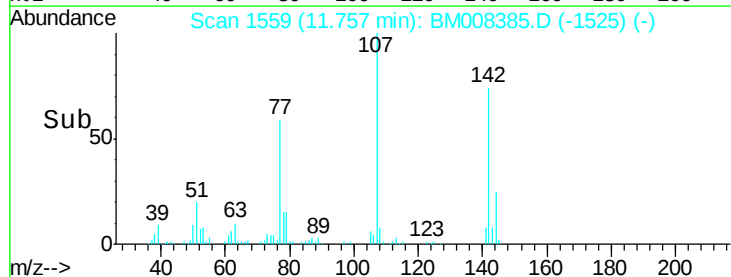
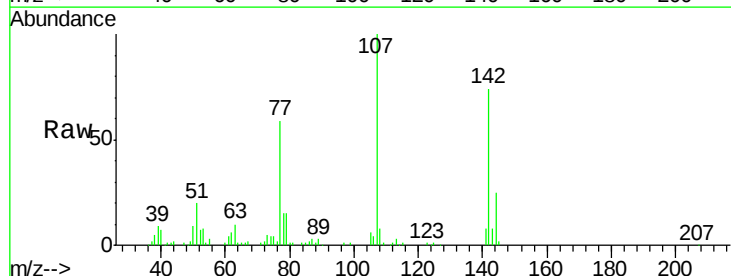
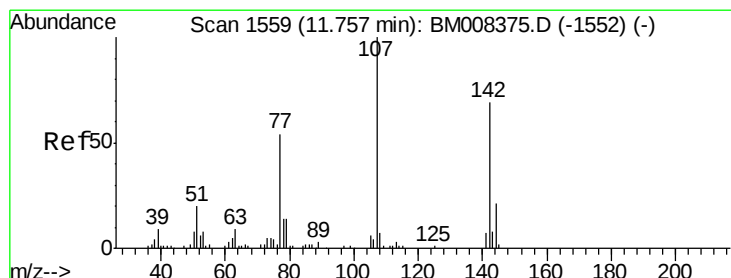
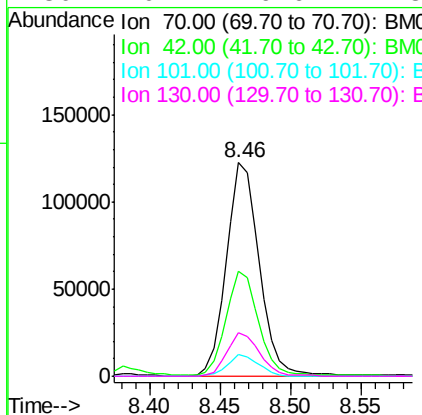




#15
N-Nitroso-di-n-propylamine
Concen: 39.42 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

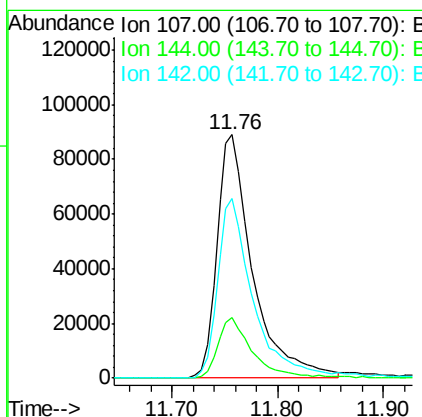
Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

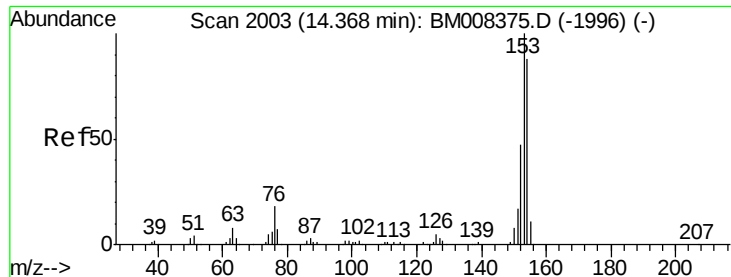
Tgt Ion:	70	Resp:	199481
Ion	Ratio	Lower	Upper
70	100		
42	49.0	38.6	57.8
101	10.1	8.2	12.4
130	20.1	16.6	24.8



#33
4-Chloro-3-methylphenol
Concen: 33.29 ng/ul
RT: 11.76 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:	107	Resp:	208879
Ion	Ratio	Lower	Upper
107	100		
144	24.8	17.9	26.9
142	73.8	57.0	85.6





#49

Acenaphthene

Concen: 42.16 ng/ul

RT: 14.37 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM008385.D

Acq: 16 Dec 2016 22:14

Instrument :

BNA_M

ClientSampled :

DA8S9MSD

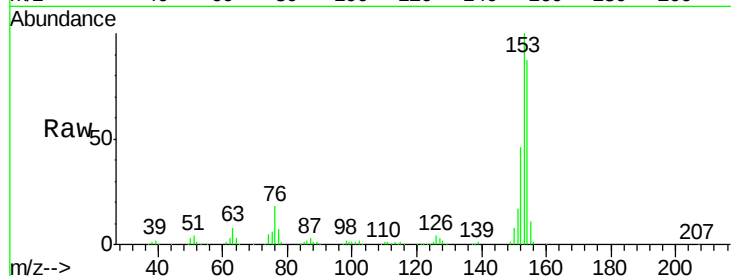
Tgt Ion:153 Resp: 600928

Ion Ratio Lower Upper

153 100

152 46.2 36.6 54.8

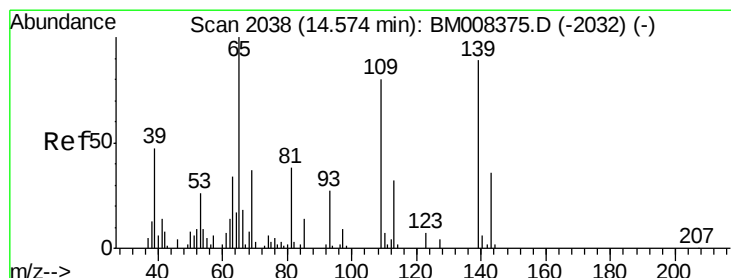
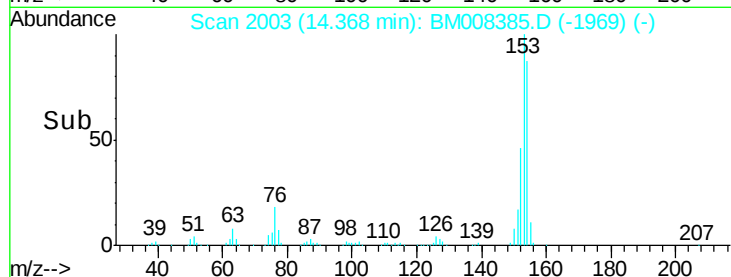
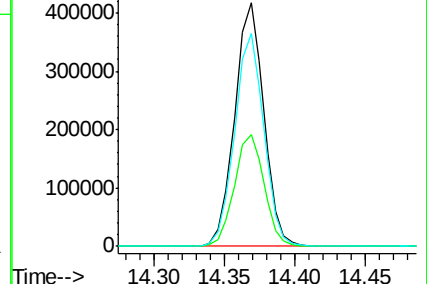
154 87.4 71.4 107.2



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: 2.08 ng/ul

RT: 14.61 min Scan# 2044

Delta R.T. 0.04 min

Lab File: BM008385.D

Acq: 16 Dec 2016 22:14

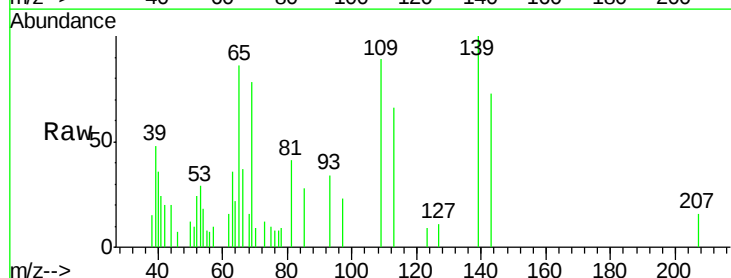
Tgt Ion:109 Resp: 5071

Ion Ratio Lower Upper

109 100

139 112.6 83.3 124.9

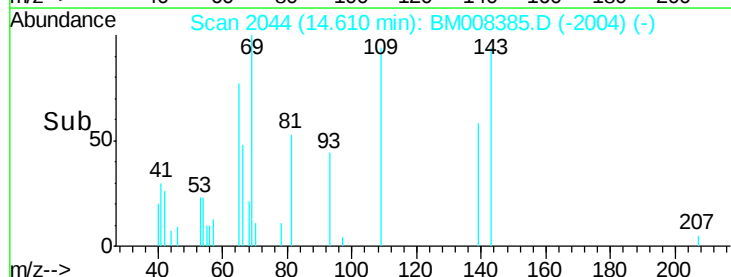
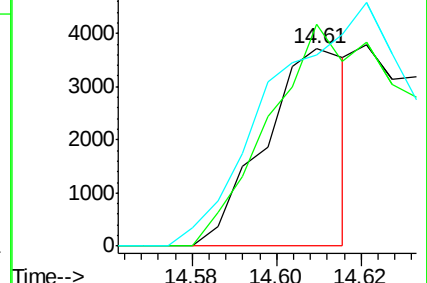
65 97.1 93.0 139.4

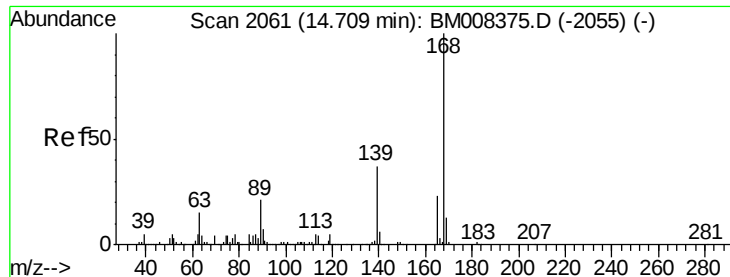


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

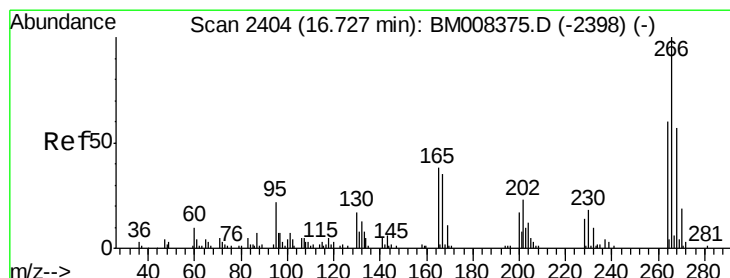
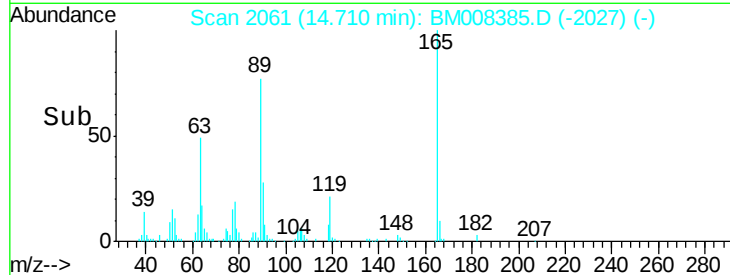
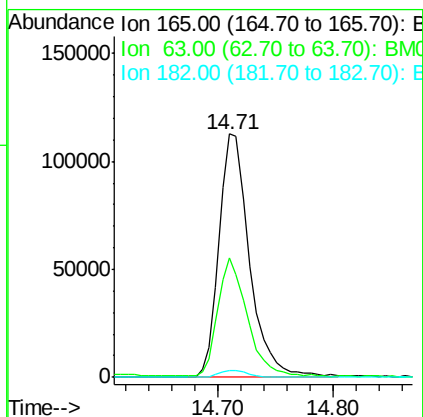
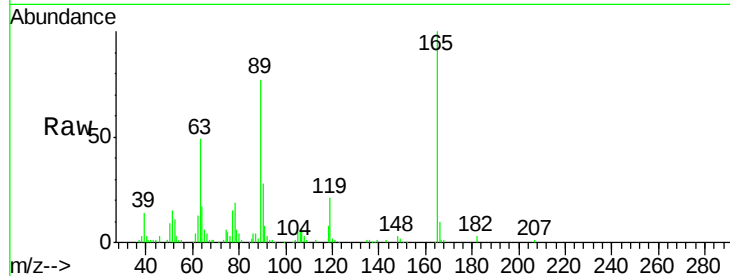




#54
 2,4-Dinitrotoluene
 Concen: 42.19 ng/ul
 RT: 14.71 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM008385.D
 Acq: 16 Dec 2016 22:14

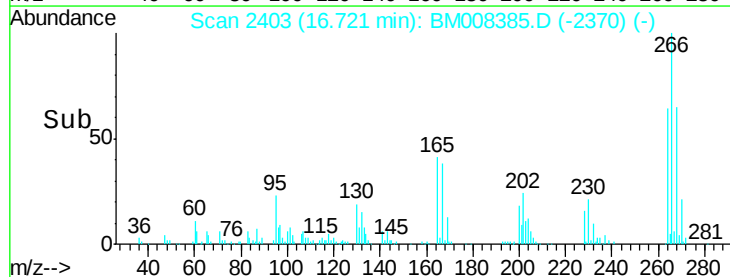
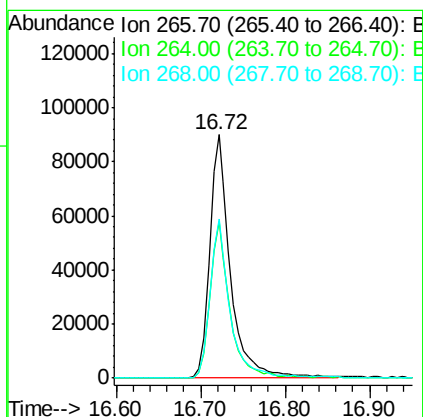
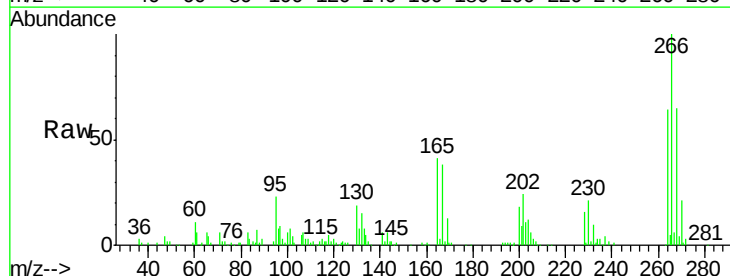
Instrument :
 BNA_M
 ClientSampleId :
 DA8S9MSD

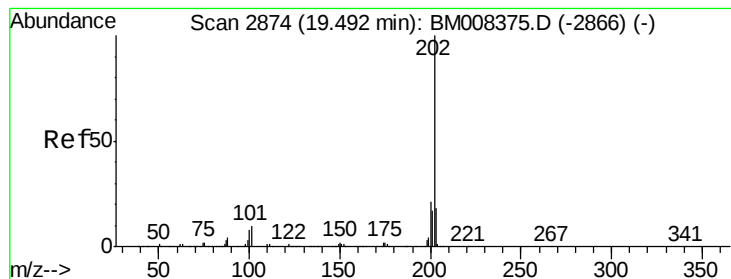
Tgt Ion:165 Resp: 207992
 Ion Ratio Lower Upper
 165 100
 63 49.3 56.8 85.2#
 182 3.0 2.3 3.5



#68
 Pentachlorophenol
 Concen: 43.73 ng/ul
 RT: 16.72 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM008385.D
 Acq: 16 Dec 2016 22:14

Tgt Ion:266 Resp: 155177
 Ion Ratio Lower Upper
 266 100
 264 64.3 47.9 71.9
 268 65.2 49.0 73.6





#77

Pyrene

Concen: 48.07 ng/ul

RT: 19.49 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM008385.D

Acq: 16 Dec 2016 22:14

Instrument :

BNA_M

ClientSampleId :

DA8S9MSD

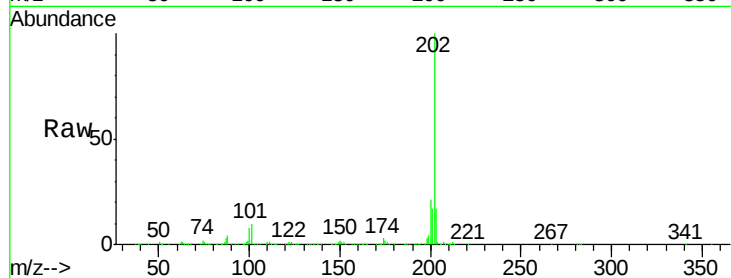
Tgt Ion: 202 Resp: 1569576

Ion Ratio Lower Upper

202 100

101 9.6 8.2 12.4

100 8.4 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

