

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005386.D
 Acq On : 11 May 2016 14:36
 Operator : UM/SJ
 Sample : H2888-20MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY0MSD

Quant Time: May 12 03:31:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	68518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	343951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	235117	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	580264	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	690257	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	615627	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	4925	3.38	ng/uL	0.00
5) Phenol-d5	6.93	99	115579	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	70949	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	89260	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	100096	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	48212	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	56350	20.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	97434	18.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	154065	24.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	395090	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	450321	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	61050	17.75	ng/ul	0.00
57) Fluorene-d10	15.40	176	342642	21.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	56901	17.43	ng/ul	0.00
70) Anthracene-d10	17.25	188	552503	21.54	ng/ul	0.00
76) Pyrene-d10	19.55	212	660205	20.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	570894	20.95	ng/ul	0.00

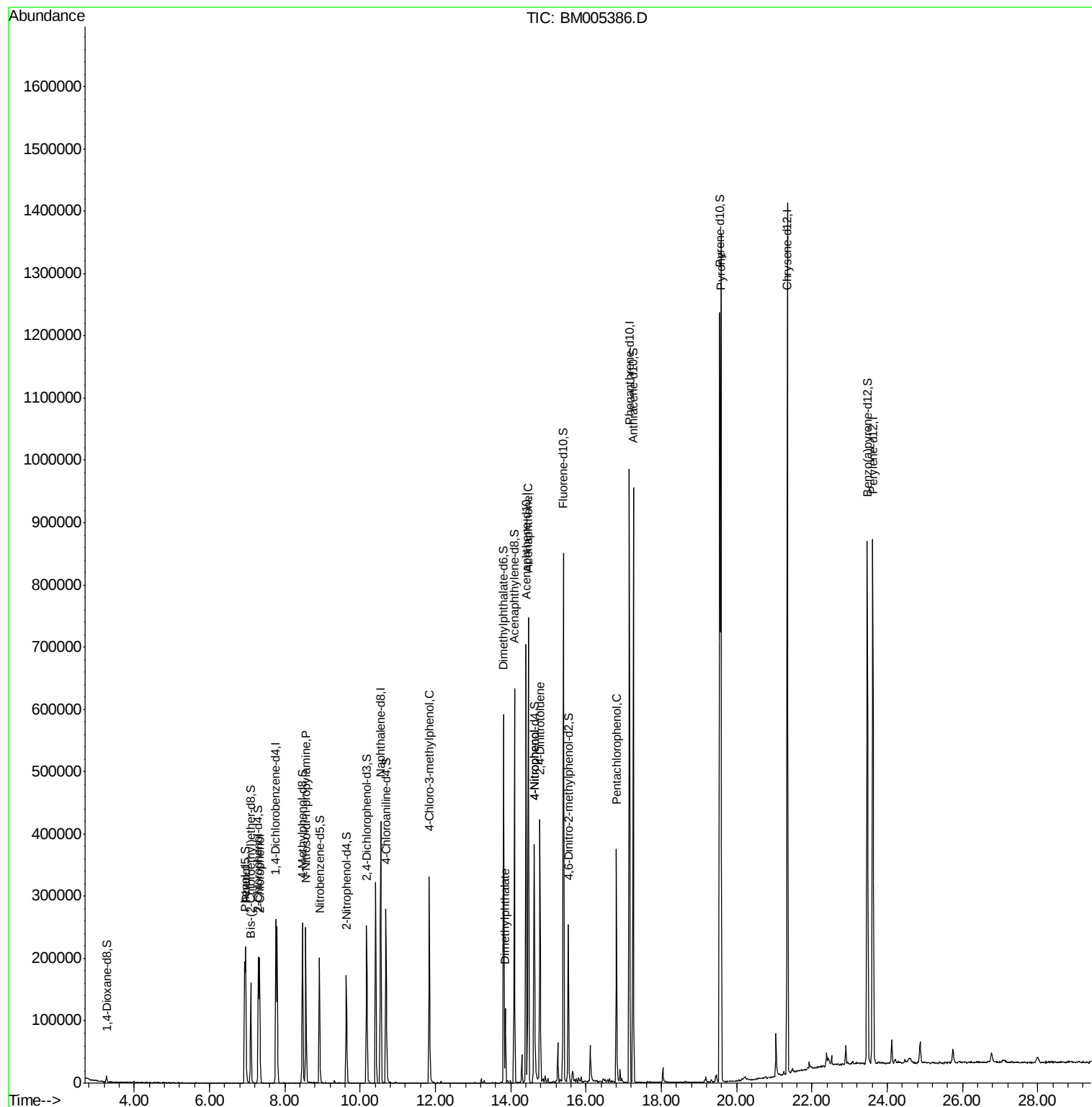
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.96	94	119368	18.59	ng/ul	99
10) 2-Chlorophenol	7.33	128	89892	18.72	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	93049	23.40	ng/ul	99
33) 4-Chloro-3-methylphenol	11.83	107	131826	20.78	ng/ul	98
44) Dimethylphthalate	13.86	163	74754	3.97	ng/ul	99
49) Acenaphthene	14.46	153	309952	20.11	ng/ul	99
52) 4-Nitrophenol	14.63	109	54480	19.05	ng/ul	97
54) 2,4-Dinitrotoluene	14.77	165	119669	21.61	ng/ul	98
68) Pentachlorophenol	16.80	266	65092	18.77	ng/ul	99
77) Pyrene	19.58	202	820058	20.48	ng/ul	98

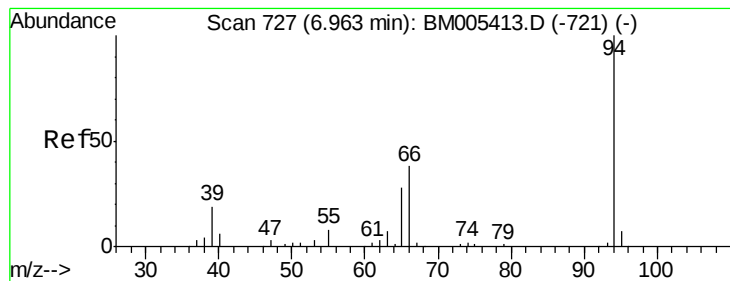
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 18.59 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

Instrument :

BNA_M

ClientSampleId :

D9WY0MSD

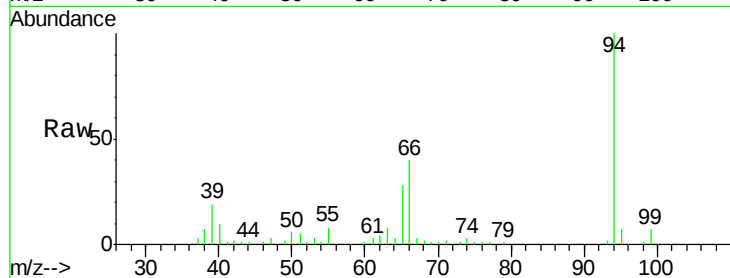
Tgt Ion: 94 Resp: 119368

Ion Ratio Lower Upper

94 100

65 28.3 22.7 34.1

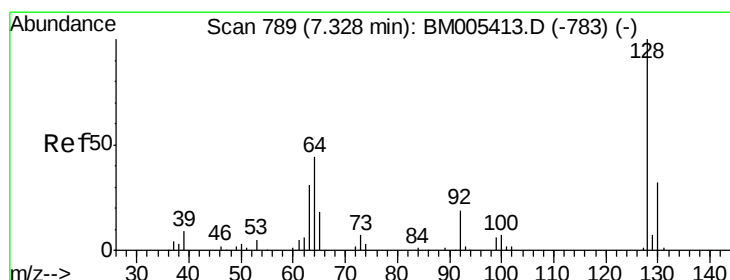
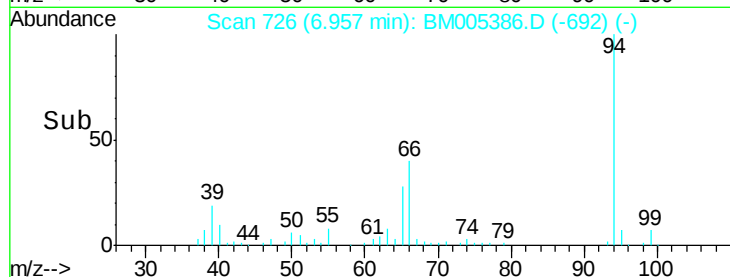
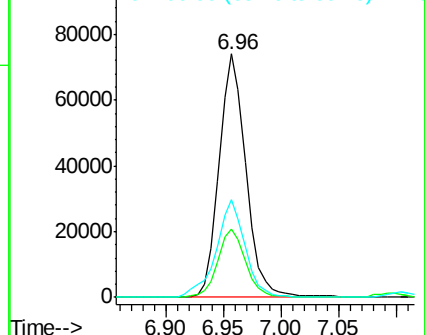
66 40.2 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005413.D (-721) (-)

Ion 65.00 (64.70 to 65.70): BM005413.D (-721) (-)

Ion 66.00 (65.70 to 66.70): BM005413.D (-721) (-)



#10

2-Chlorophenol

Concen: 18.72 ng/ul

RT: 7.33 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

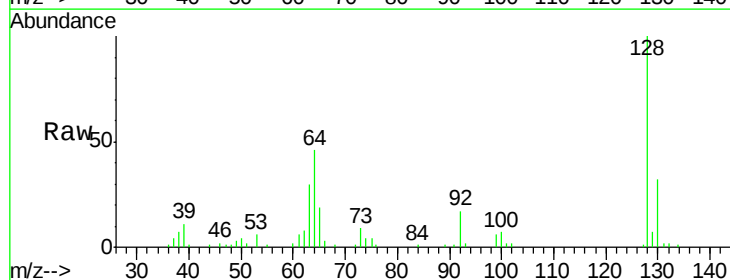
Tgt Ion: 128 Resp: 89892

Ion Ratio Lower Upper

128 100

64 46.0 37.8 56.8

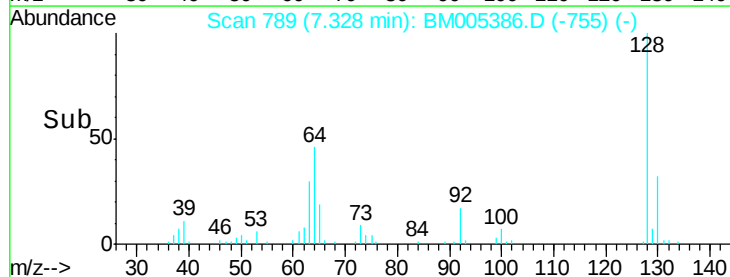
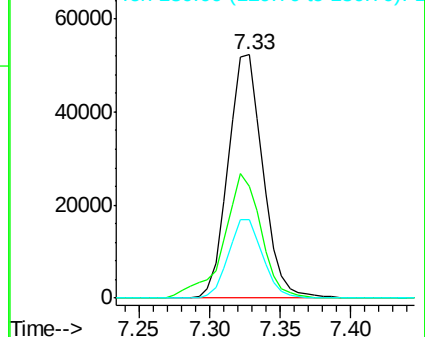
130 32.3 24.9 37.3

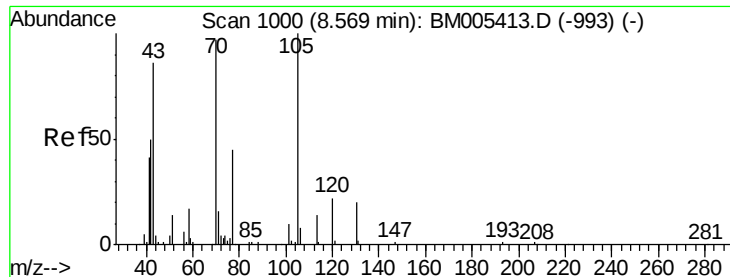


Abundance Ion 128.00 (127.70 to 128.70): BM005413.D (-783) (-)

Ion 64.00 (63.70 to 64.70): BM005413.D (-783) (-)

Ion 130.00 (129.70 to 130.70): BM005413.D (-783) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 23.40 ng/ul

RT: 8.56 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

Instrument :

BNA_M

ClientSampleId :

D9WY0MSD

Tgt Ion: 70 Resp: 93049

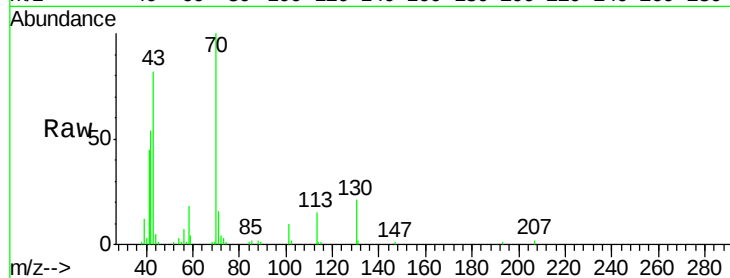
Ion Ratio Lower Upper

70 100

42 53.7 42.8 64.2

101 10.2 7.8 11.6

130 20.9 15.7 23.5

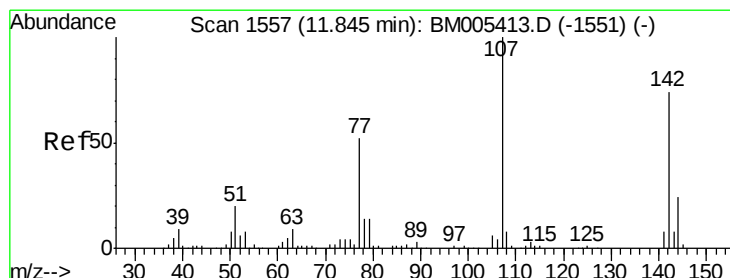
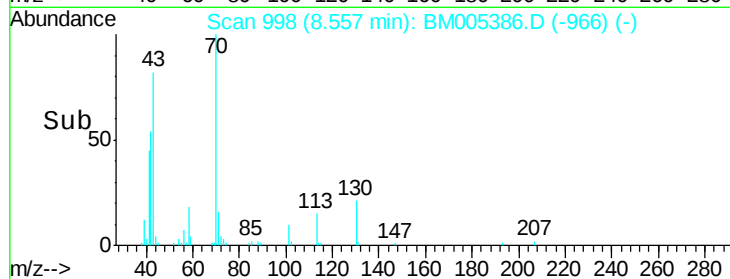
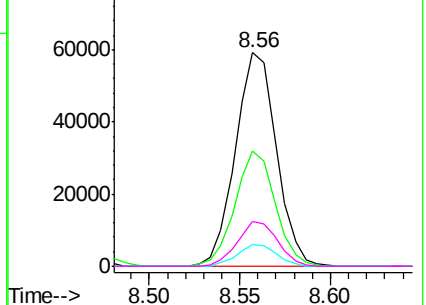


Abundance Ion 70.00 (69.70 to 70.70): BM005413.D (-993) (-)

Ion 42.00 (41.70 to 42.70): BM005413.D (-993) (-)

Ion 101.00 (100.70 to 101.70): BM005413.D (-993) (-)

Ion 130.00 (129.70 to 130.70): BM005413.D (-993) (-)



#33

4-Chloro-3-methylphenol

Concen: 20.78 ng/ul

RT: 11.83 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

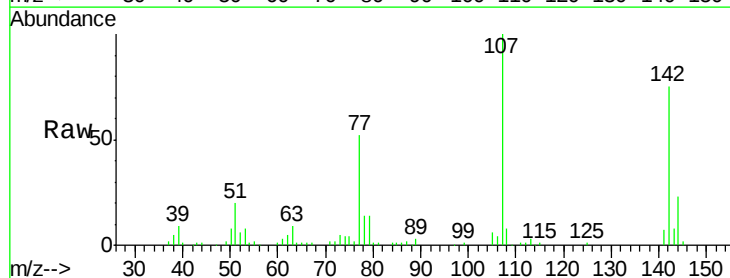
Tgt Ion: 107 Resp: 131826

Ion Ratio Lower Upper

107 100

144 23.0 19.3 28.9

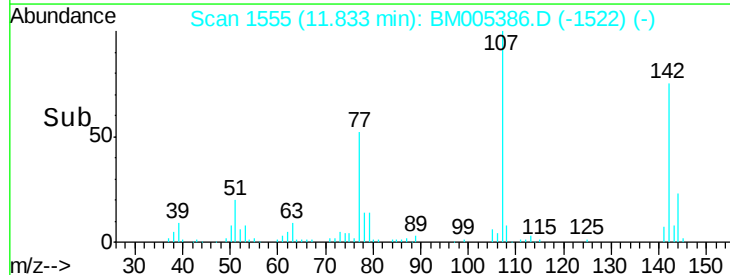
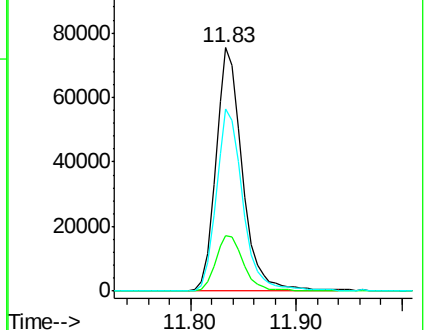
142 74.6 60.8 91.2

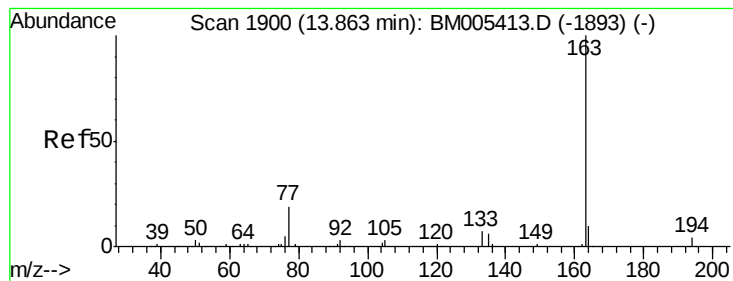


Abundance Ion 107.00 (106.70 to 107.70): BM005413.D (-1551) (-)

Ion 144.00 (143.70 to 144.70): BM005413.D (-1551) (-)

Ion 142.00 (141.70 to 142.70): BM005413.D (-1551) (-)





#44

Dimethylphthalate

Concen: 3.97 ng/ul

RT: 13.86 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

Instrument :

BNA_M

ClientSampleId :

D9WY0MSD

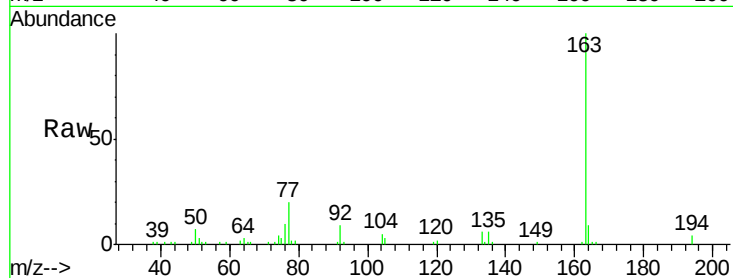
Tgt Ion:163 Resp: 74754

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

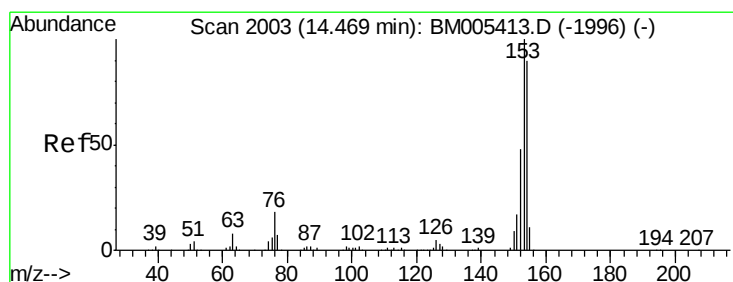
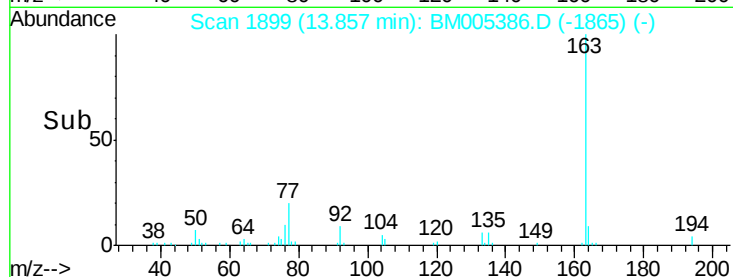
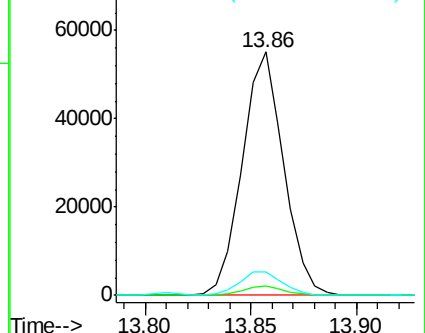
164 9.5 7.9 11.9



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: 20.11 ng/ul

RT: 14.46 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

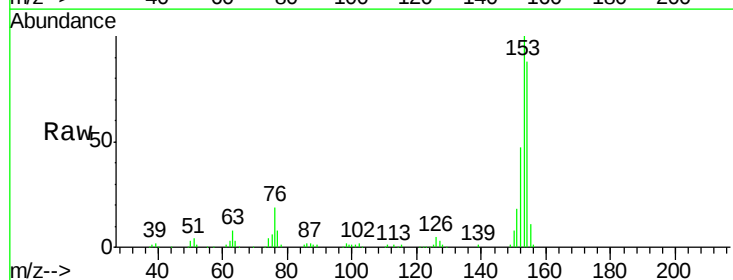
Tgt Ion:153 Resp: 309952

Ion Ratio Lower Upper

153 100

152 47.5 38.9 58.3

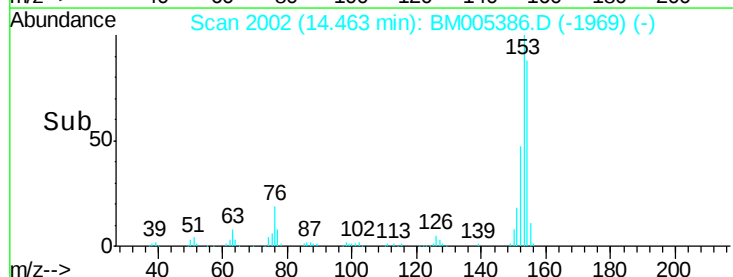
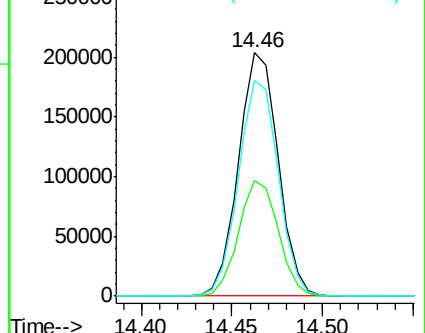
154 88.4 70.3 105.5

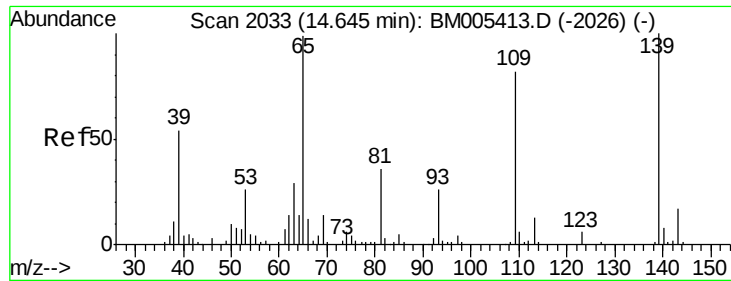


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

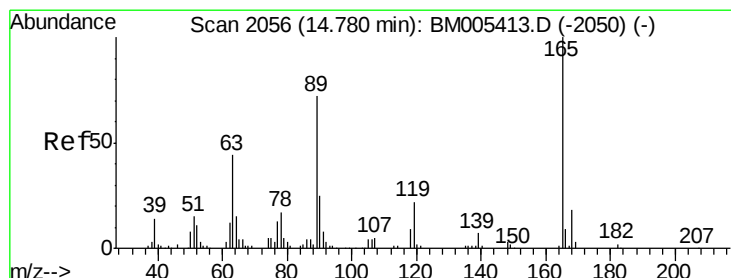
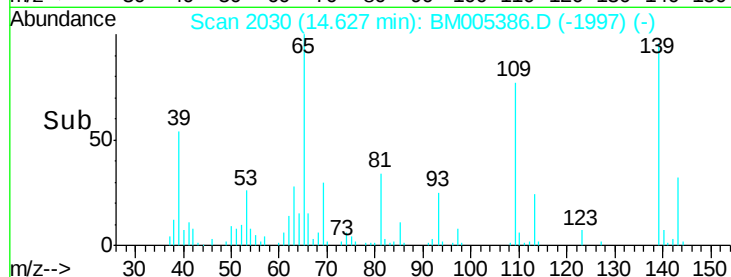
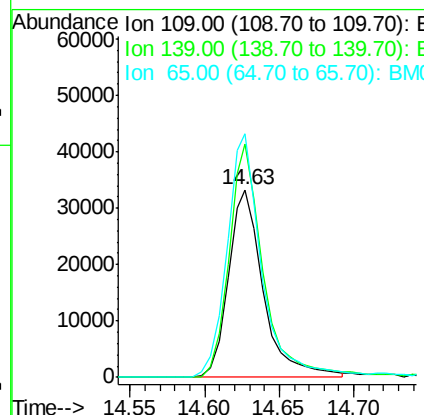
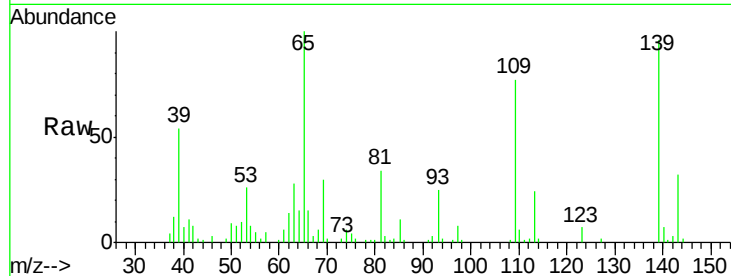




#52
4-Nitrophenol
Concen: 19.05 ng/ul
RT: 14.63 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM005386.D
Acq: 11 May 2016 14:36

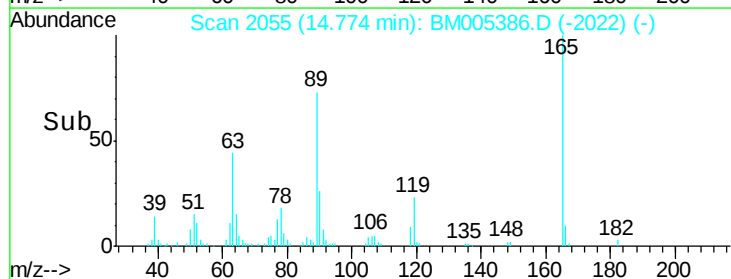
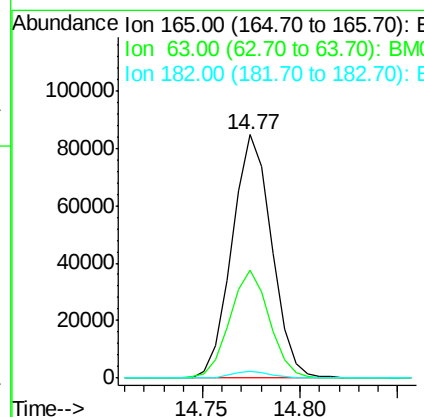
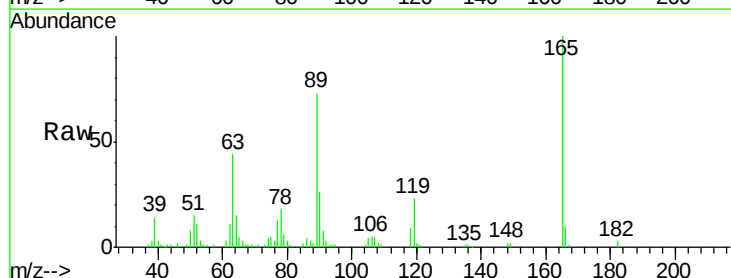
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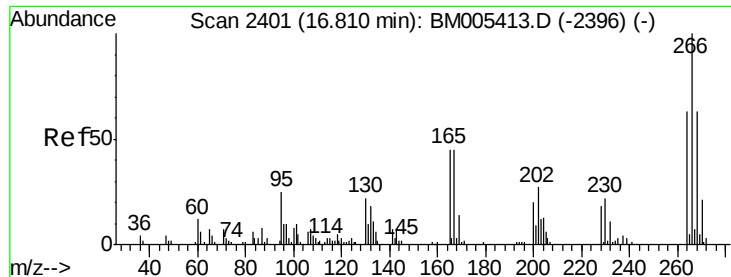
Tgt Ion:109 Resp: 54480
Ion Ratio Lower Upper
109 100
139 124.4 103.6 155.4
65 129.8 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 21.61 ng/ul
RT: 14.77 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BM005386.D
Acq: 11 May 2016 14:36

Tgt Ion:165 Resp: 119669
Ion Ratio Lower Upper
165 100
63 44.1 36.2 54.4
182 2.8 2.5 3.7





#68

Pentachlorophenol

Concen: 18.77 ng/ul

RT: 16.80 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

Instrument :

BNA_M

ClientSampleId :

D9WY0MSD

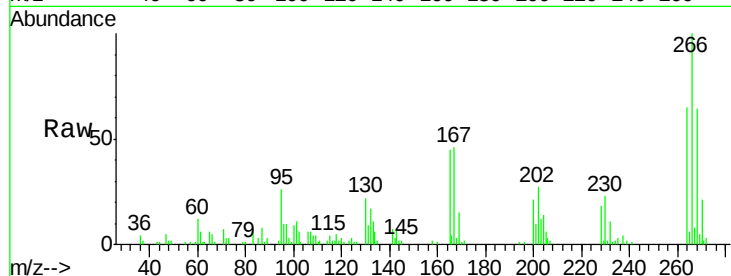
Tgt Ion:266 Resp: 65092

Ion Ratio Lower Upper

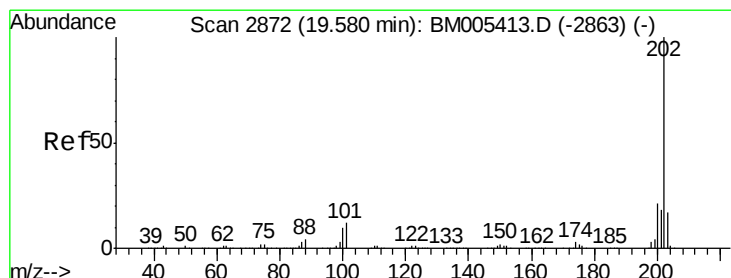
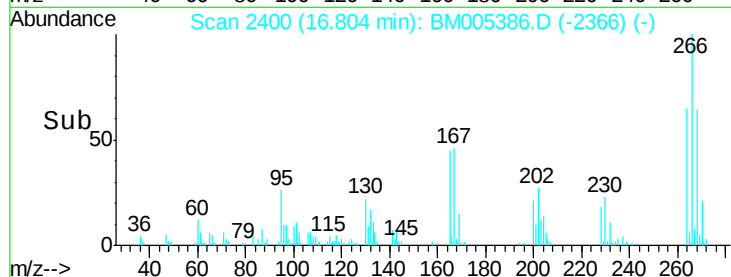
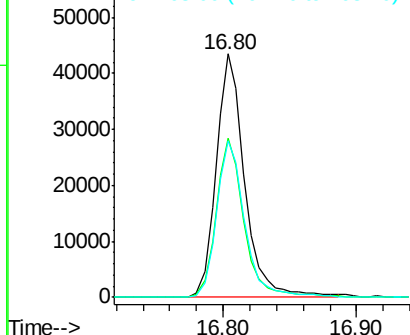
266 100

264 65.3 52.0 78.0

268 64.3 53.0 79.6



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: 20.48 ng/ul

RT: 19.58 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BM005386.D

Acq: 11 May 2016 14:36

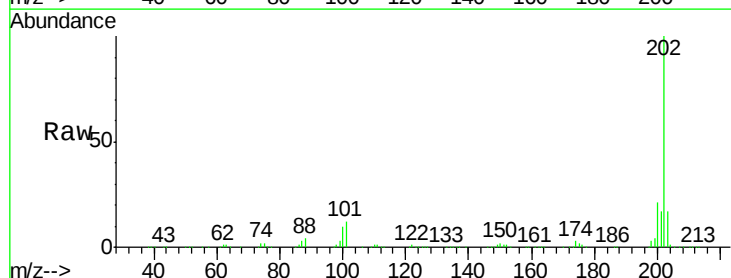
Tgt Ion:202 Resp: 820058

Ion Ratio Lower Upper

202 100

101 12.4 10.8 16.2

100 10.0 8.4 12.6



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

