

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005328.D
 Acq On : 08 May 2016 03:04
 Operator : UM/SJ
 Sample : H2853-15MS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X04MS

Quant Time: May 08 04:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	72394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	352374	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	238317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	582106	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	635117	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	522791	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1807	1.17	ng/uL	0.00
5) Phenol-d5	6.94	99	39975	6.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	92824	24.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	106624	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	78532	14.47	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	66381	26.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	76334	26.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	135935	25.68	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.82	166	502815	26.32	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	573399	25.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	16774	4.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	425036	25.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	82435	25.17	ng/ul	0.00
70) Anthracene-d10	17.26	188	689963	26.81	ng/ul	0.00
76) Pyrene-d10	19.56	212	788111	26.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	637669	27.56	ng/ul	0.00

Target Compounds

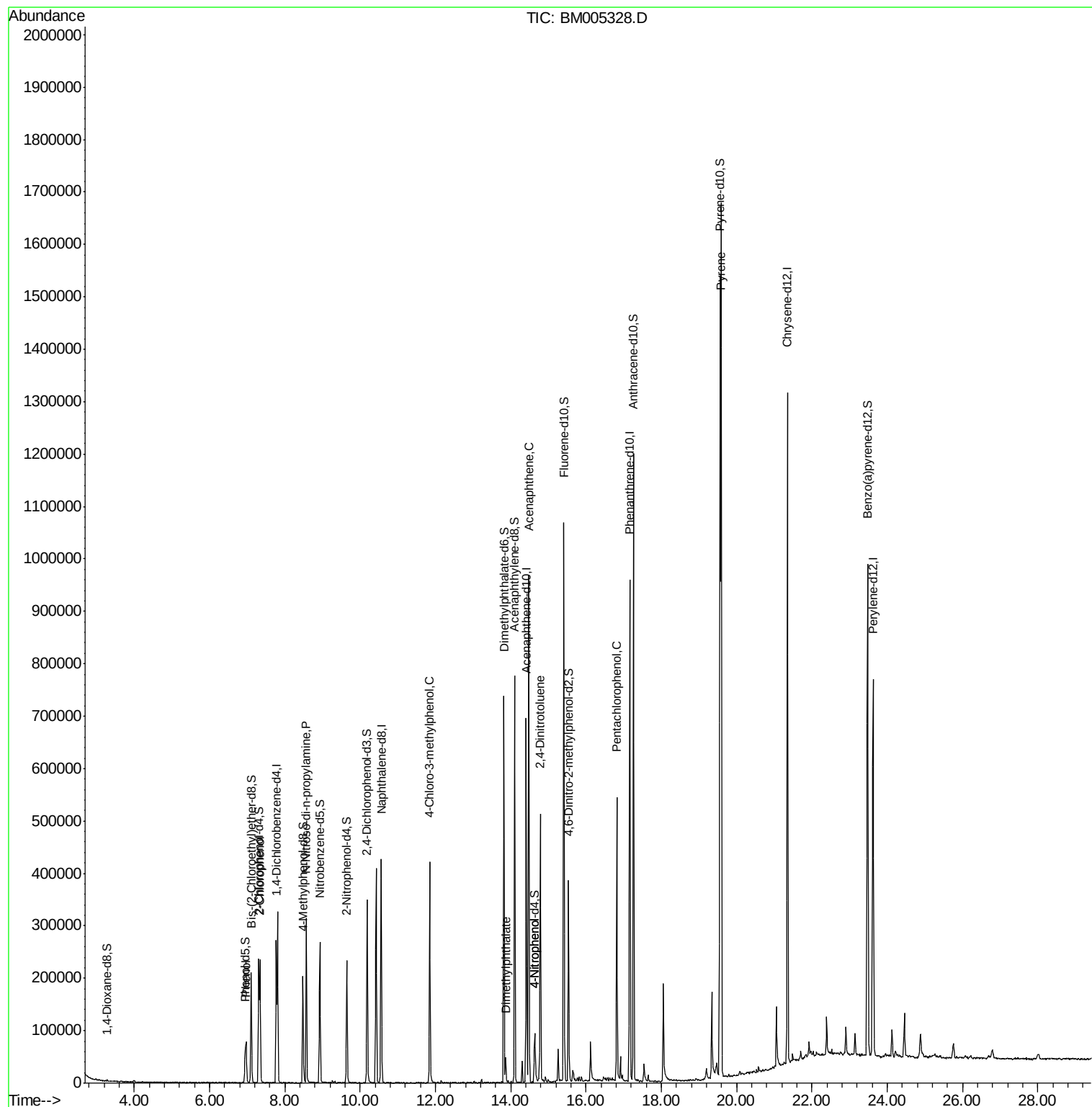
						Ovalue
6) Phenol	6.97	94	45664	6.73	ng/ul	99
10) 2-Chlorophenol	7.33	128	105535	20.80	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	116371	27.70	ng/ul	98
33) 4-Chloro-3-methylphenol	11.85	107	159119	24.48	ng/ul	99
44) Dimethylphthalate	13.86	163	29988	1.57	ng/ul	100
49) Acenaphthene	14.47	153	396289	25.37	ng/ul	99
52) 4-Nitrophenol	14.64	109	15768	5.44	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	151957	27.07	ng/ul	95
68) Pentachlorophenol	16.82	266	101158	29.08	ng/ul	95
77) Pyrene	19.59	202	999847	27.14	ng/ul	98

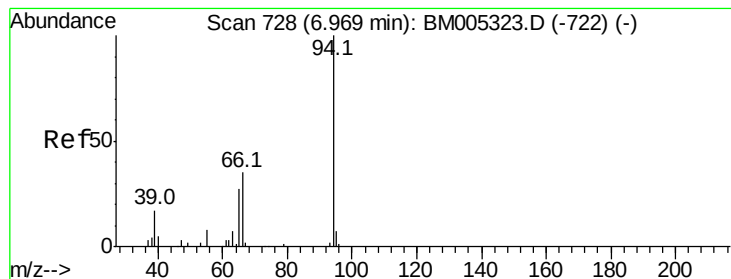
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.73 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM005328.D

Acq: 08 May 2016 03:04

Instrument :

BNA_M

ClientSampleId :

D9X04MS

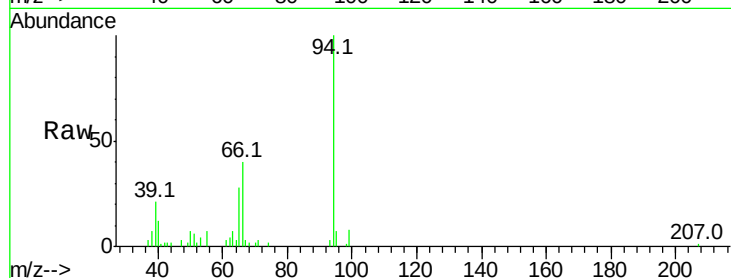
Tot Ion: 94 Resp: 45664

Ion Ratio Lower Upper

94 100

65 28.5 22.7 34.1

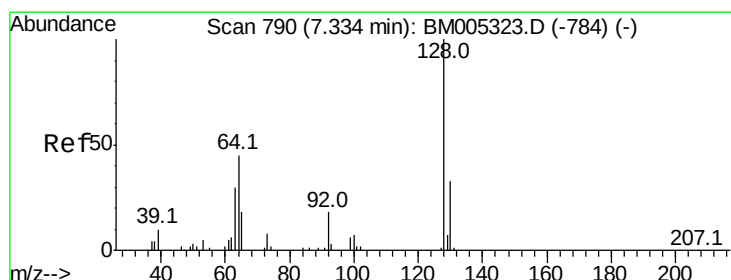
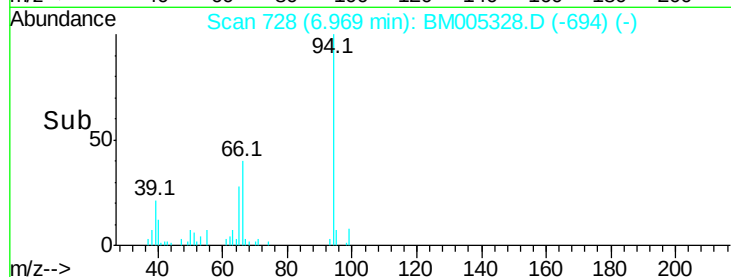
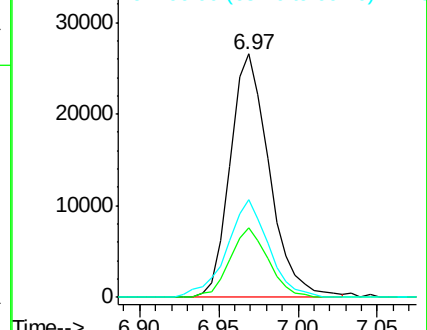
66 40.3 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005323.D (-722) (-)

Ion 65.00 (64.70 to 65.70): BM005323.D (-722) (-)

Ion 66.00 (65.70 to 66.70): BM005323.D (-722) (-)



#10

2-Chlorophenol

Concen: 20.80 ng/ul

RT: 7.33 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM005328.D

Acq: 08 May 2016 03:04

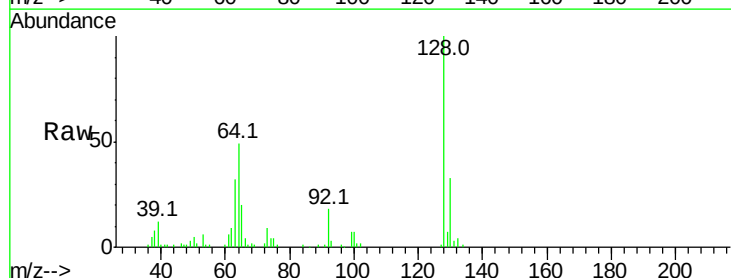
Tgt Ion:128 Resp: 105535

Ion Ratio Lower Upper

128 100

64 49.3 37.8 56.8

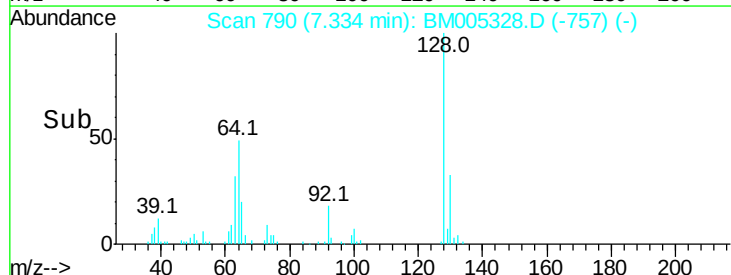
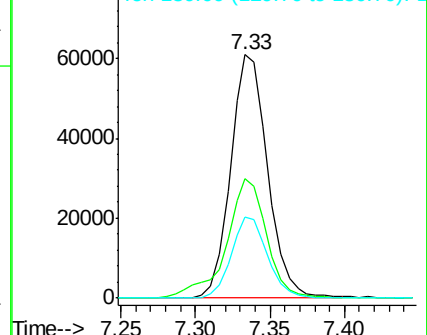
130 33.1 24.9 37.3

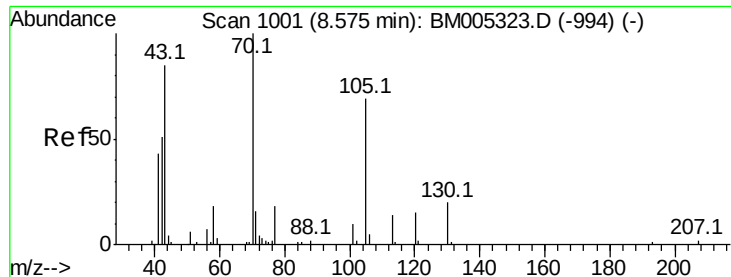


Abundance Ion 128.00 (127.70 to 128.70): BM005323.D (-784) (-)

Ion 64.00 (63.70 to 64.70): BM005323.D (-784) (-)

Ion 130.00 (129.70 to 130.70): BM005323.D (-784) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 27.70 ng/ul

RT: 8.57 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM005328.D

Acq: 08 May 2016 03:04

Instrument :

BNA_M

ClientSampleId :

D9X04MS

Tot Ion: 70 Resp: 116371

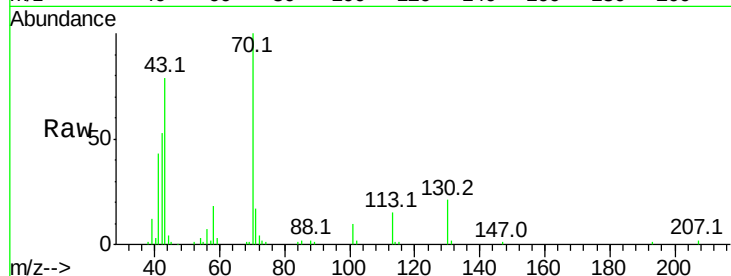
Ion Ratio Lower Upper

70 100

42 52.8 42.8 64.2

101 10.0 7.8 11.6

130 21.3 15.7 23.5



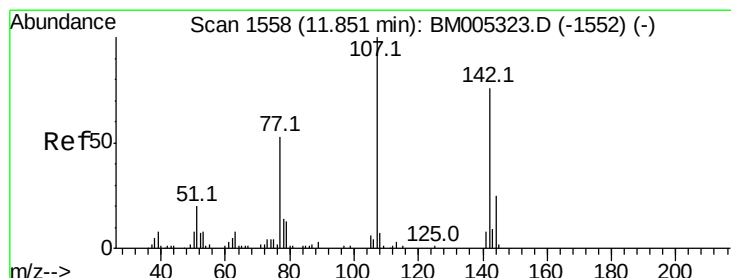
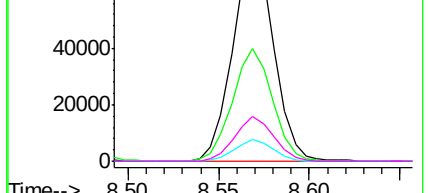
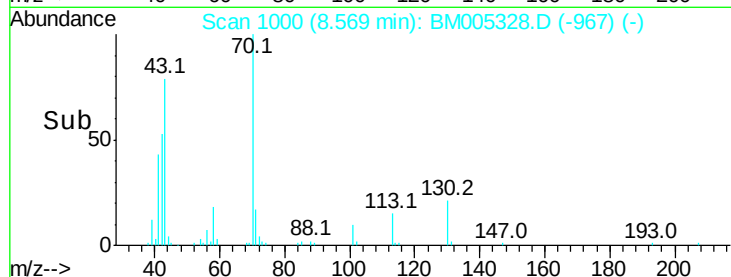
Abundance Ion 70.00 (69.70 to 70.70): BM005323.D (-994) (-)

Ion 42.00 (41.70 to 42.70): BM005323.D (-994) (-)

Ion 101.00 (100.70 to 101.70): BM005323.D (-994) (-)

Ion 130.00 (129.70 to 130.70): BM005323.D (-994) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 24.48 ng/ul

RT: 11.85 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM005328.D

Acq: 08 May 2016 03:04

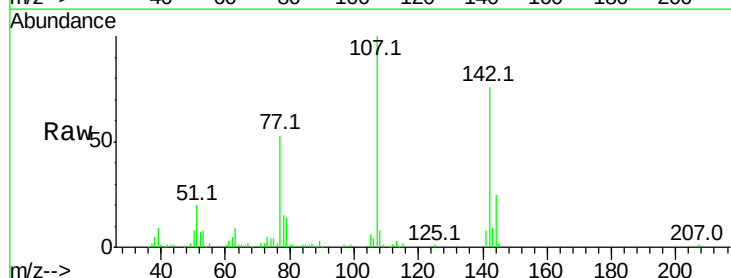
Tgt Ion: 107 Resp: 159119

Ion Ratio Lower Upper

107 100

144 25.2 19.3 28.9

142 76.1 60.8 91.2

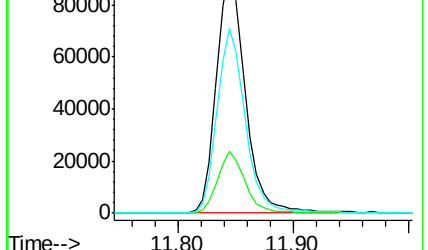
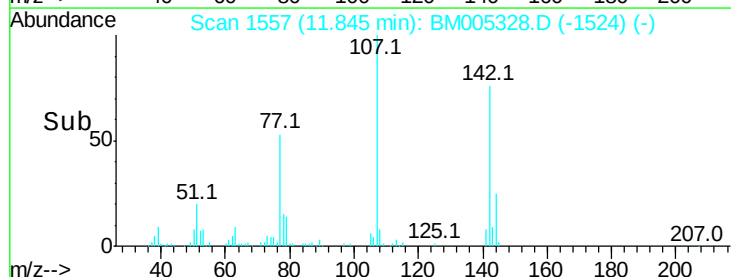


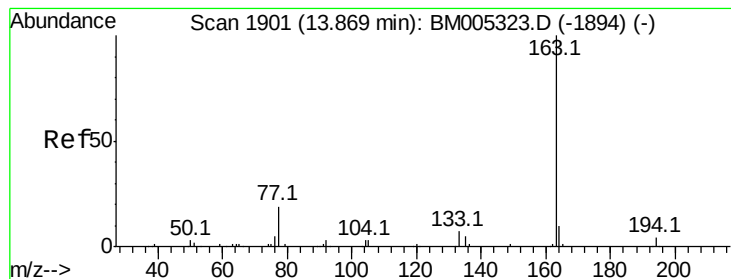
Abundance Ion 107.00 (106.70 to 107.70): BM005323.D (-1552) (-)

Ion 144.00 (143.70 to 144.70): BM005323.D (-1552) (-)

Ion 142.00 (141.70 to 142.70): BM005323.D (-1552) (-)

Time-->





#44

Dimethylphthalate

Concen: 1.57 ng/ul

RT: 13.86 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM005328.D

Acq: 08 May 2016 03:04

Instrument :

BNA_M

ClientSampleId :

D9X04MS

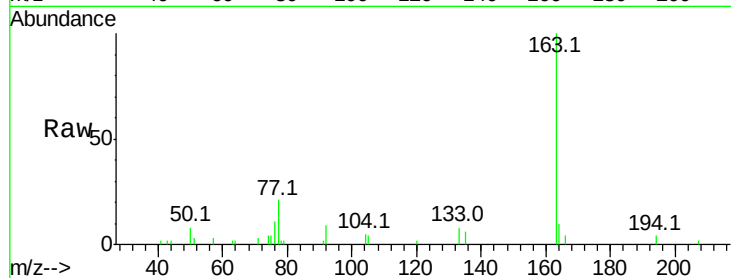
Tot Ion:163 Resp: 29988

Ion Ratio Lower Upper

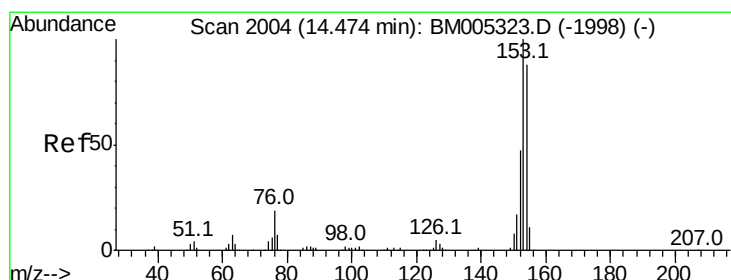
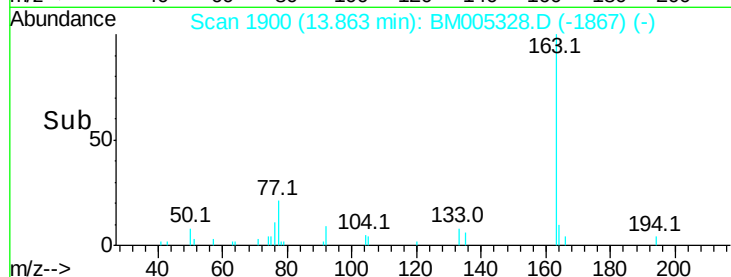
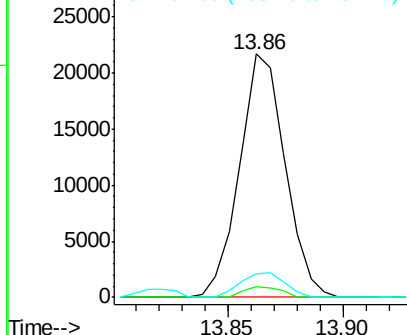
163 100

194 4.2 3.4 5.0

164 9.9 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: 25.37 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005328.D

Acq: 08 May 2016 03:04

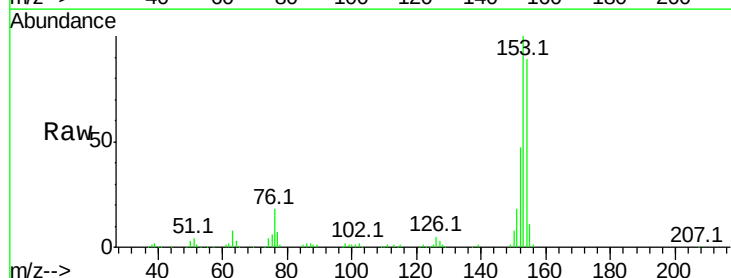
Tgt Ion:153 Resp: 396289

Ion Ratio Lower Upper

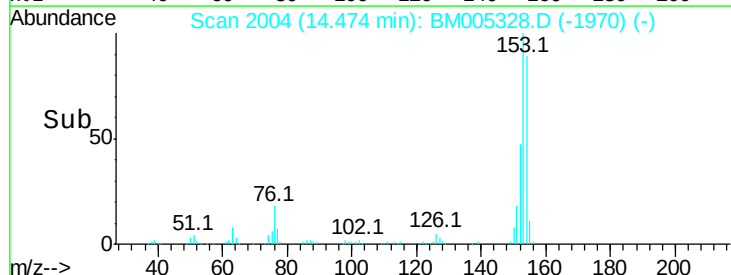
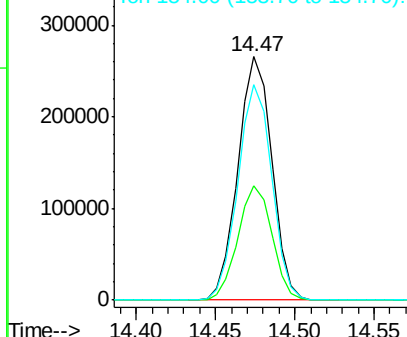
153 100

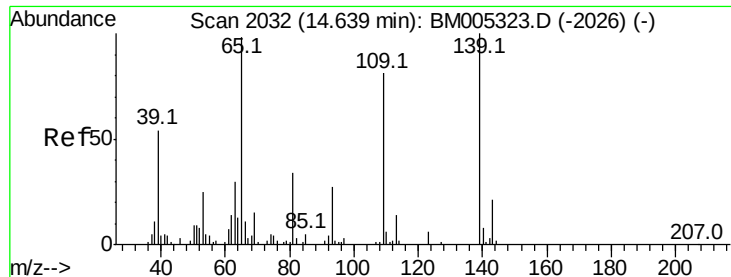
152 47.2 38.9 58.3

154 88.7 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

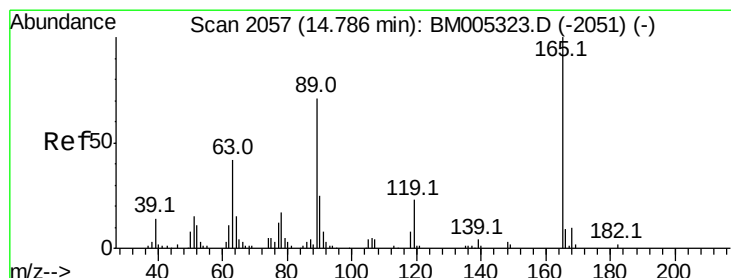
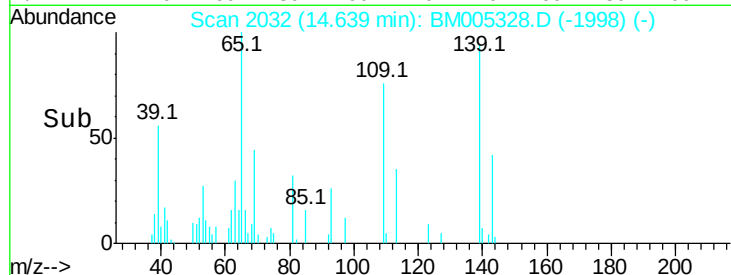
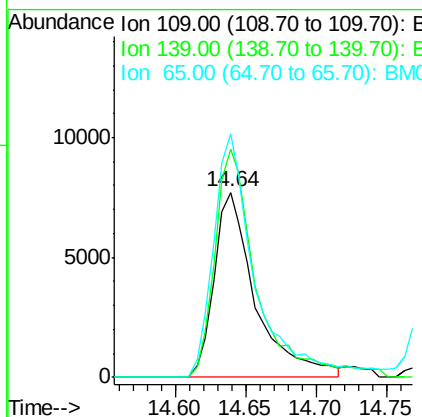
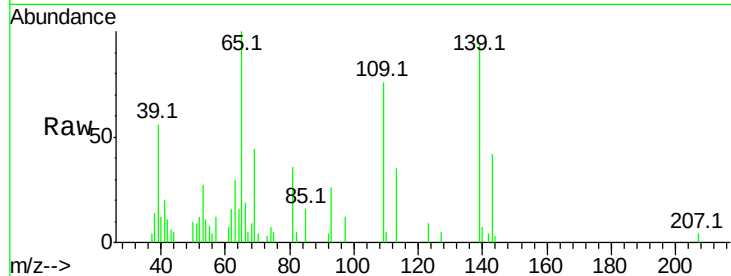




#52
4-Nitrophenol
Concen: 5.44 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BM005328.D
Acq: 08 May 2016 03:04

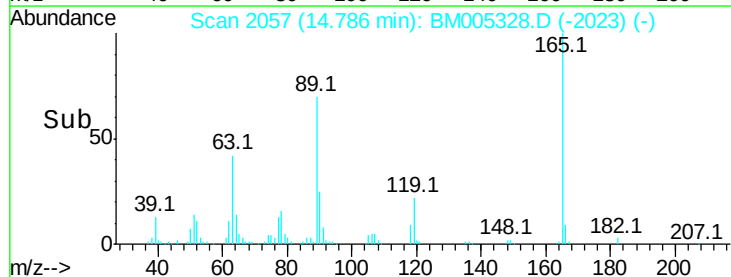
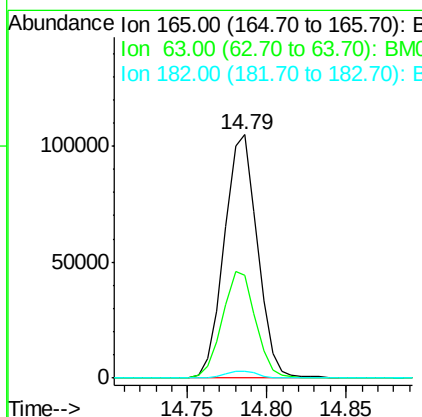
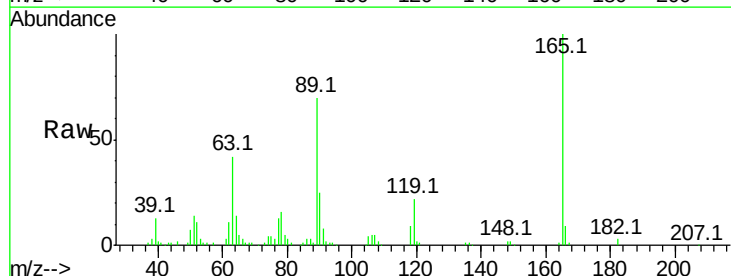
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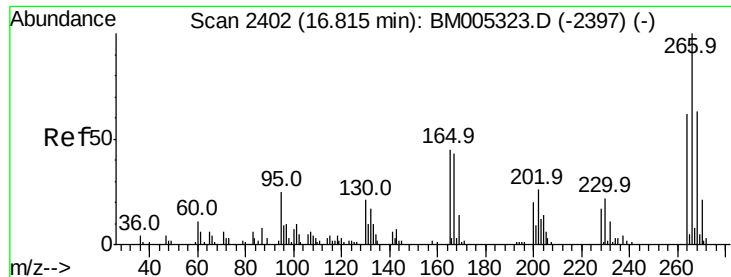
Tot Ion:109 Resp: 15768
Ion Ratio Lower Upper
109 100
139 123.3 103.6 155.4
65 131.6 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 27.07 ng/ul
RT: 14.79 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM005328.D
Acq: 08 May 2016 03:04

Tgt Ion:165 Resp: 151957
Ion Ratio Lower Upper
165 100
63 42.1 36.2 54.4
182 2.7 2.5 3.7

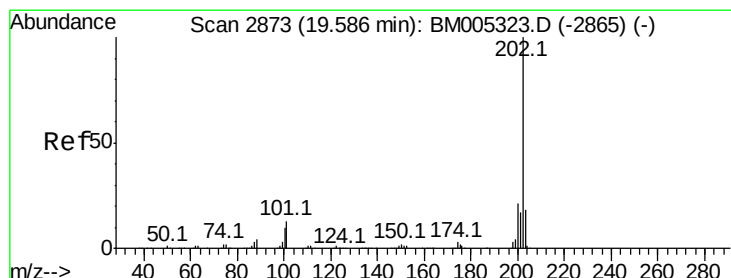
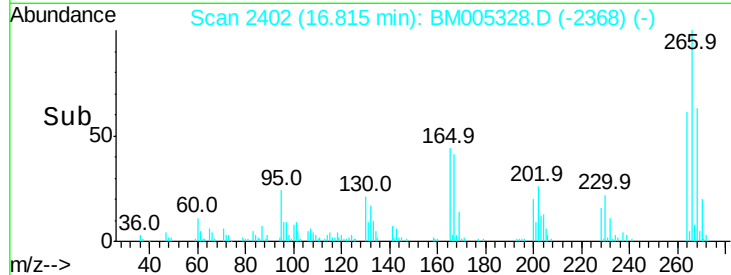
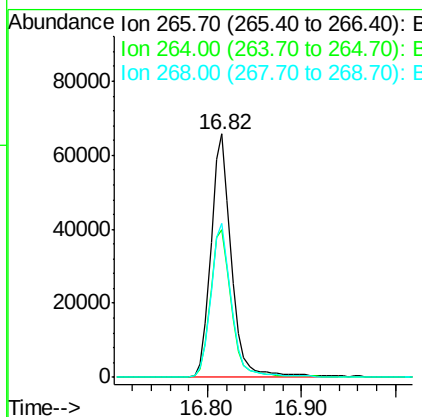
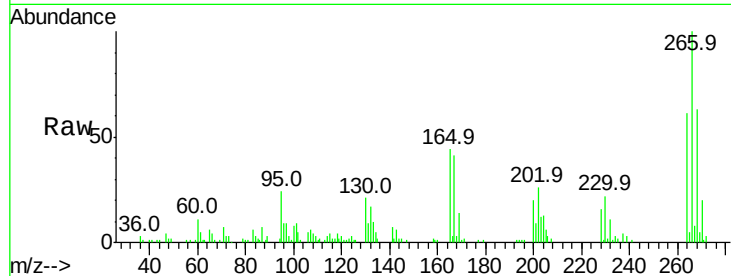




#68
 Pentachlorophenol
 Concen: 29.08 ng/ul
 RT: 16.82 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BM005328.D
 Acq: 08 May 2016 03:04

Instrument :
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Tot Ion:266 Resp: 101158
 Ion Ratio Lower Upper
 266 100
 264 60.8 52.0 78.0
 268 63.4 53.0 79.6



#77
 Pyrene
 Concen: 27.14 ng/ul
 RT: 19.59 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BM005328.D
 Acq: 08 May 2016 03:04

Tgt Ion:202 Resp: 999847
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.8 16.2
 100 10.0 8.4 12.6

