

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102615\
 Data File : BG019363.D
 Acq On : 26 Oct 2015 17:14
 Operator : UM/NP
 Sample : G4075-02MSRE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8MS

Quant Time: Oct 27 03:10:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 27 04:07:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	34070	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	143203	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	108077	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.61	188	249335	20.00	ng/ul	0.01
78) Chrysene-d12	21.90	240	302292	20.00	ng/ul	0.01
86) Perylene-d12	25.31	264	303666	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	3106	5.06	ng/uL	0.00
5) Phenol-d5	7.40	99	104500	34.86	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.56	67	61792	34.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	67782	35.03	ng/ul	0.01
13) 4-Methylphenol-d8	8.96	113	86309	36.93	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	35840	32.96	ng/ul	0.01
22) 2-Nitrophenol-d4	10.14	143	44648	35.94	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.70	165	95072	35.09	ng/ul	0.02
29) 4-Chloroaniline-d4	11.21	131	94326	35.05	ng/ul	0.01
44) Dimethylphthalate-d6	14.27	166	302045	33.71	ng/ul	0.01
47) Acenaphthylene-d8	14.57	160	346975	34.99	ng/ul	0.01
52) 4-Nitrophenol-d4	15.06	143	43406	29.79	ng/ul	0.03
58) Fluorene-d10	15.86	176	265469	31.58	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.96	200	33003	20.11	ng/ul	0.00
71) Anthracene-d10	17.71	188	390060	34.16	ng/ul	0.01
79) Pyrene-d10	19.98	212	429837	32.45	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.08	264	506350	32.69	ng/ul	0.04

Target Compounds

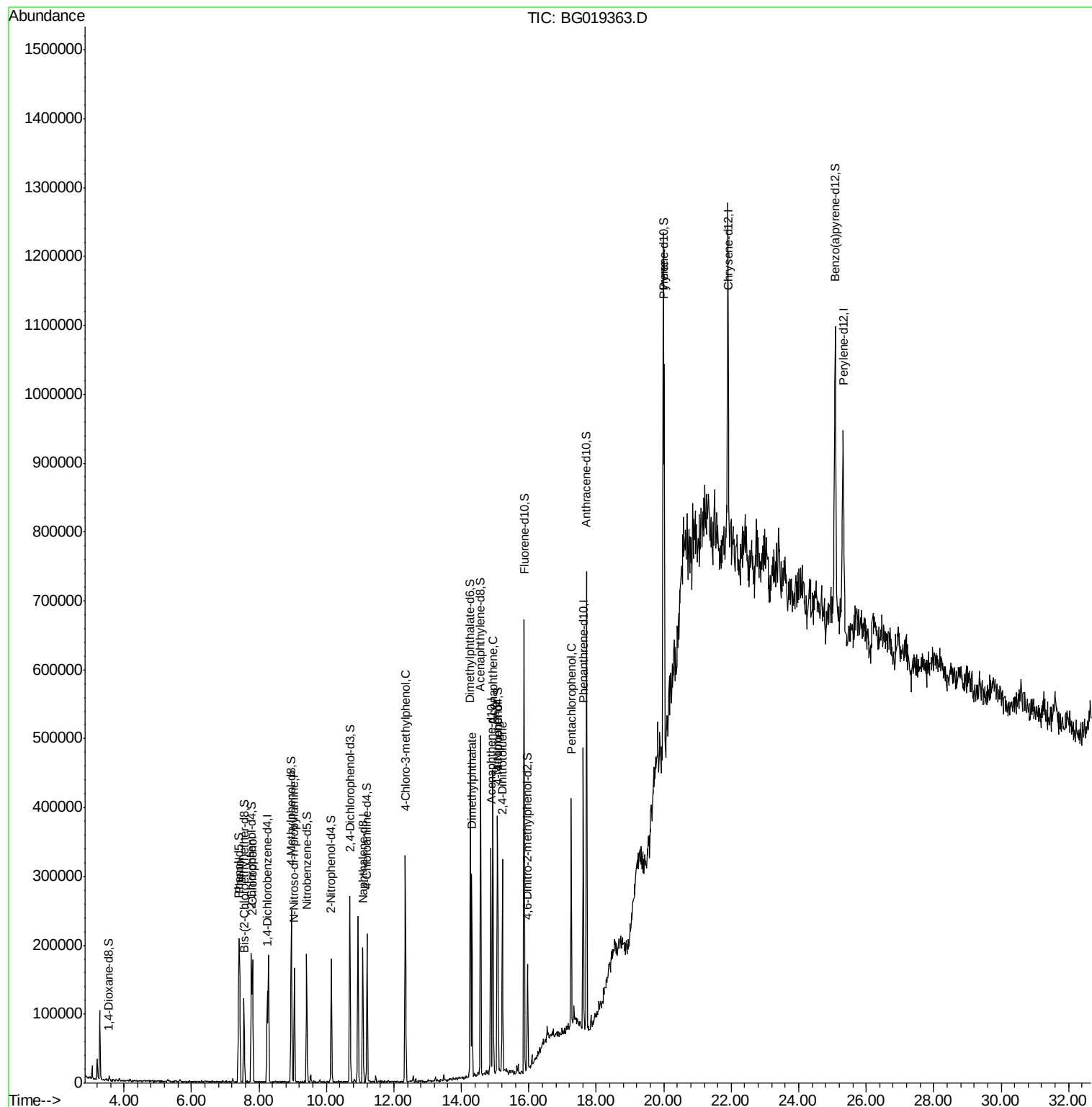
						Qvalue
6) Phenol	7.43	94	105329	33.43	ng/ul	95
10) 2-Chlorophenol	7.81	128	63671	32.36	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.05	70	78226	32.41	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.34	107	111940	32.94	ng/ul#	97
45) Dimethylphthalate	14.32	163	173100	19.34	ng/ul	99
50) Acenaphthene	14.94	153	181825	27.04	ng/ul	97
53) 4-Nitrophenol	15.08	109	61952	25.78	ng/ul#	80
55) 2,4-Dinitrotoluene	15.22	165	81602	29.49	ng/ul#	82
69) Pentachlorophenol	17.26	266	61470	26.93	ng/ul	98
80) Pyrene	20.01	202	393017	23.19	ng/ul	98

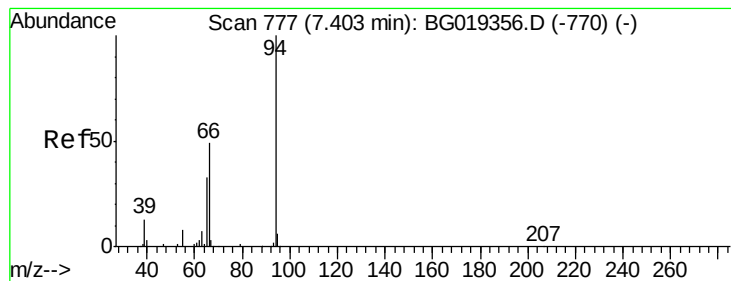
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 33.43 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.03 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

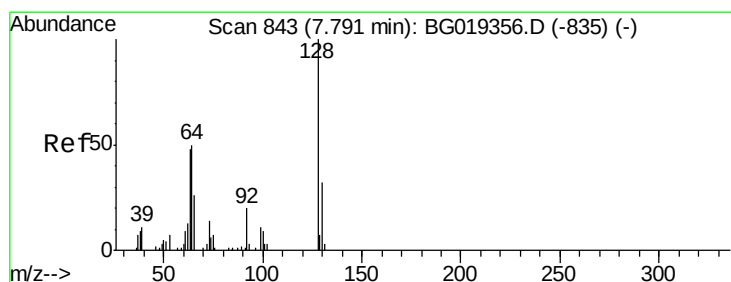
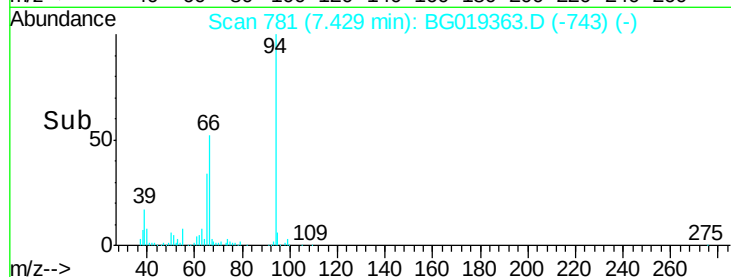
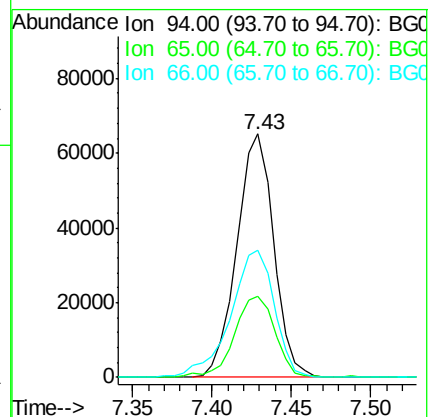
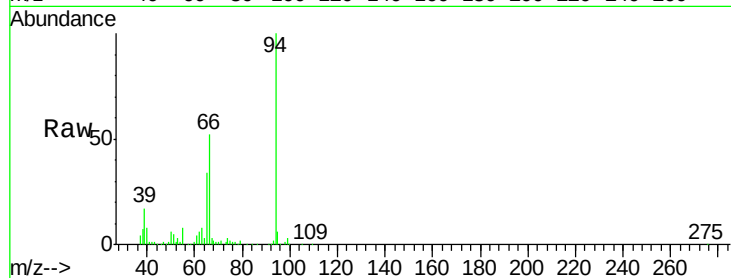
Tgt Ion: 94 Resp: 105329

Ion Ratio Lower Upper

94 100

65 33.6 29.3 43.9

66 52.3 45.0 67.6



#10

2-Chlorophenol

Concen: 32.36 ng/ul

RT: 7.81 min Scan# 846

Delta R.T. 0.02 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

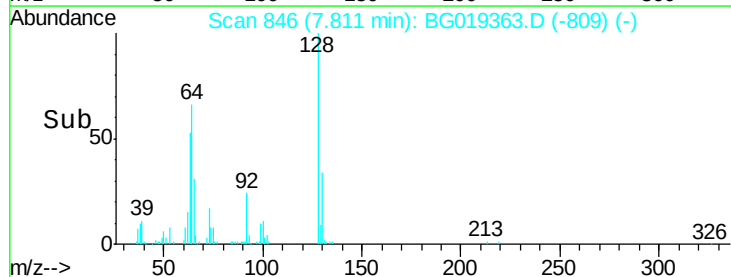
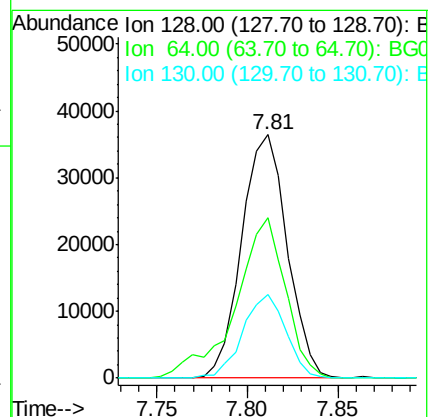
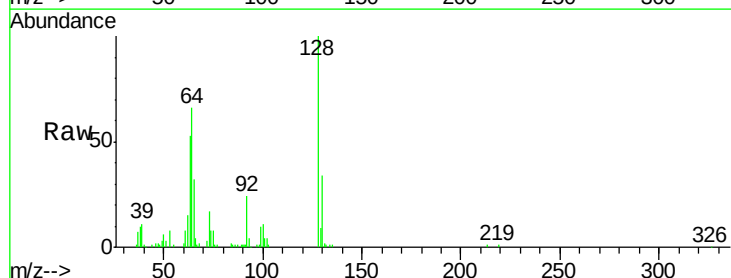
Tgt Ion: 128 Resp: 63671

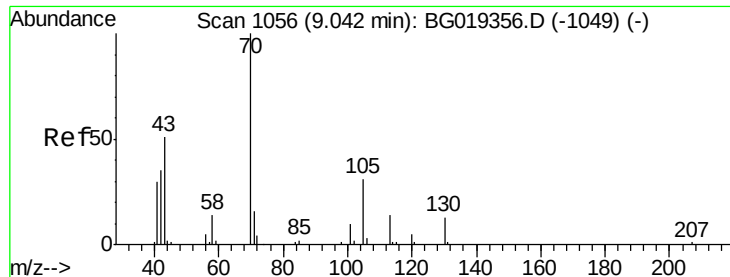
Ion Ratio Lower Upper

128 100

64 66.1 53.2 79.8

130 34.3 25.9 38.9





#15

N-Nitroso-di-n-propylamine

Concen: 32.41 ng/ul

RT: 9.05 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

Tgt Ion: 70 Resp: 78226

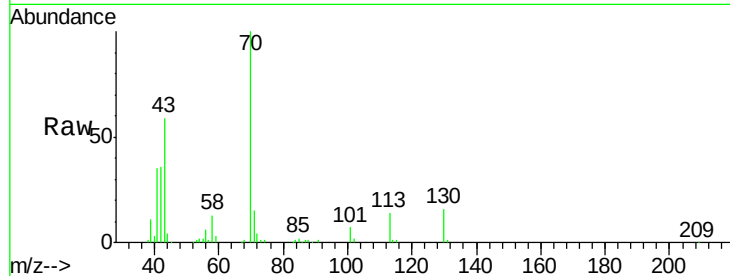
Ion Ratio Lower Upper

70 100

42 36.5 36.6 55.0#

101 7.0 5.8 8.8

130 15.7 14.6 22.0

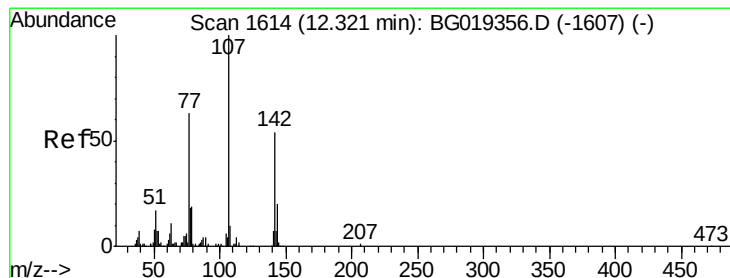
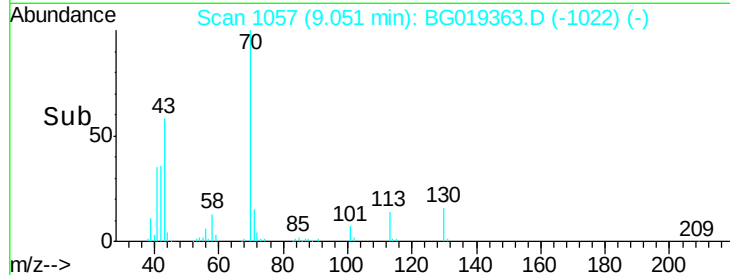
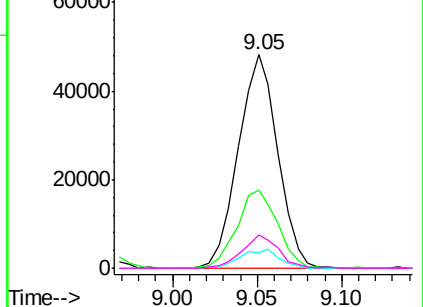


Abundance Ion 70.00 (69.70 to 70.70): BG019356.D (-1049) (-)

Ion 42.00 (41.70 to 42.70): BG019356.D (-1049) (-)

Ion 101.00 (100.70 to 101.70): BG019356.D (-1049) (-)

Ion 130.00 (129.70 to 130.70): BG019356.D (-1049) (-)



#33

4-Chloro-3-methylphenol

Concen: 32.94 ng/ul

RT: 12.34 min Scan# 1617

Delta R.T. 0.02 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

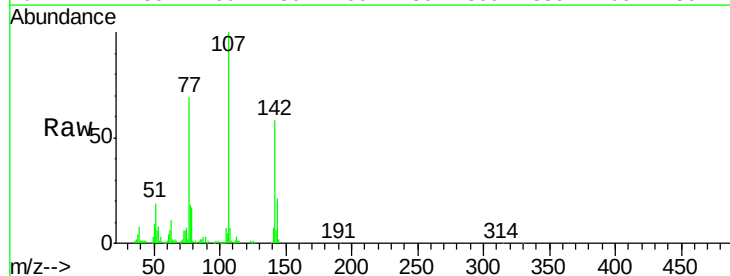
Tgt Ion: 107 Resp: 111940

Ion Ratio Lower Upper

107 100

144 21.5 13.0 19.6#

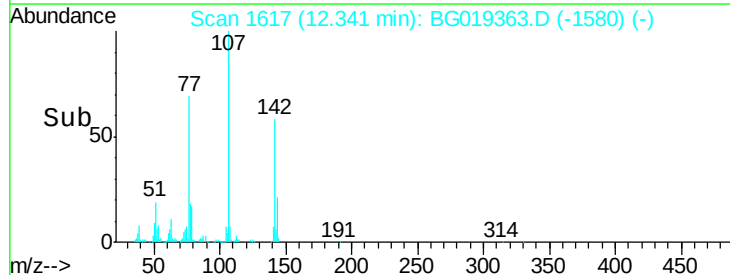
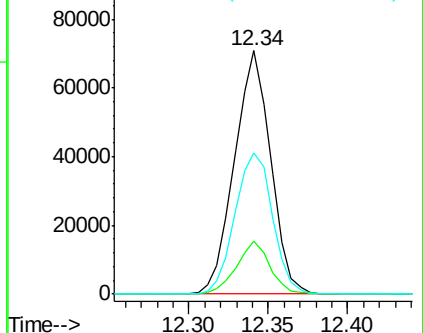
142 58.3 47.0 70.6

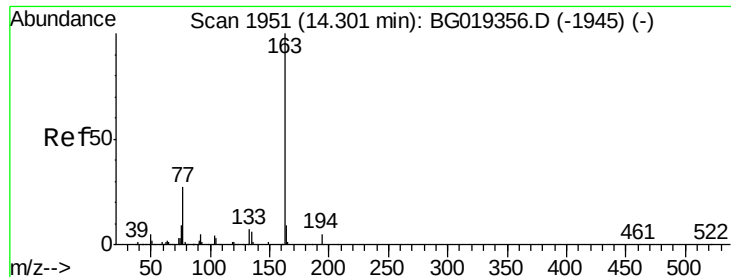


Abundance Ion 107.00 (106.70 to 107.70): BG019356.D (-1607) (-)

Ion 144.00 (143.70 to 144.70): BG019356.D (-1607) (-)

Ion 142.00 (141.70 to 142.70): BG019356.D (-1607) (-)





#45

Dimethylphthalate

Concen: 19.34 ng/ul

RT: 14.32 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

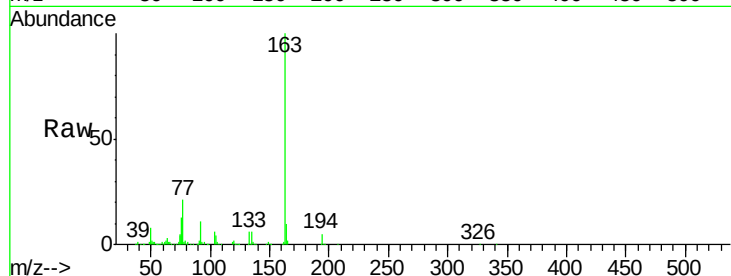
Tgt Ion:163 Resp: 173100

Ion Ratio Lower Upper

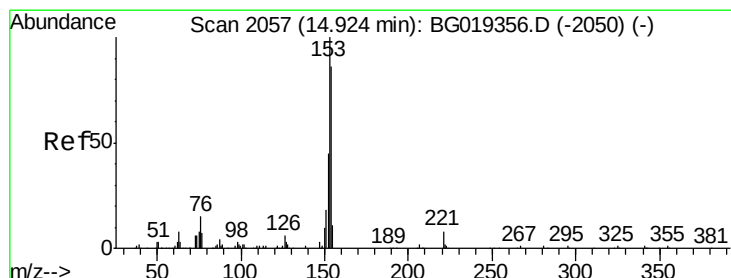
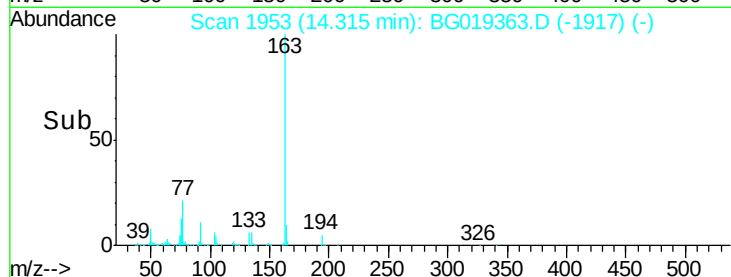
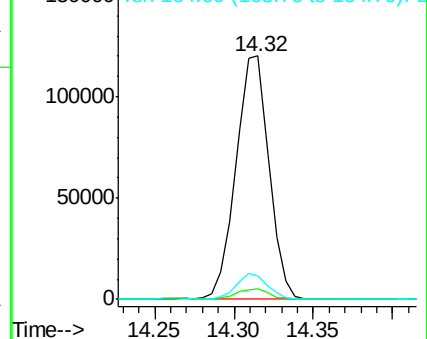
163 100

194 4.8 4.3 6.5

164 9.8 7.5 11.3



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



#50

Acenaphthene

Concen: 27.04 ng/ul

RT: 14.94 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

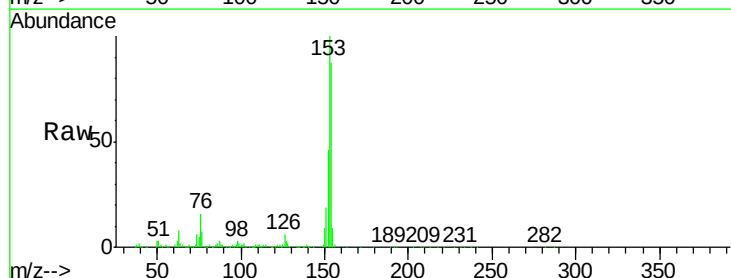
Tgt Ion:153 Resp: 181825

Ion Ratio Lower Upper

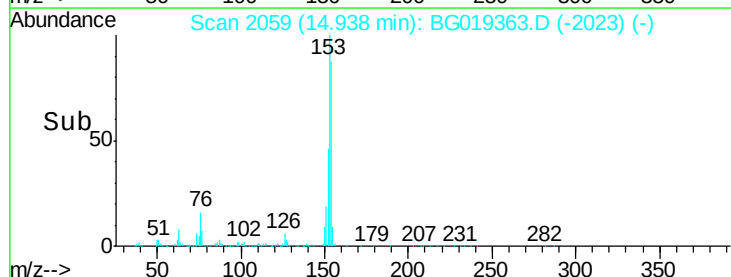
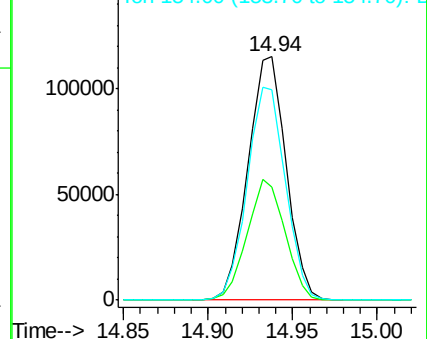
153 100

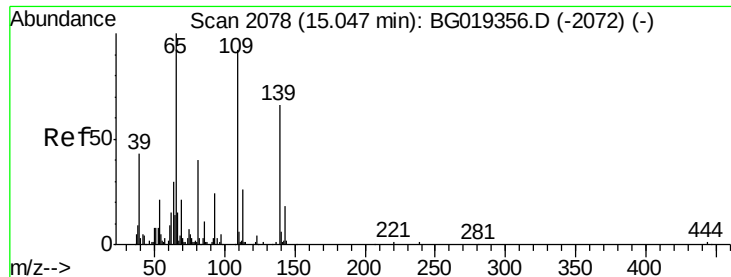
152 46.3 38.8 58.2

154 86.6 71.5 107.3



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

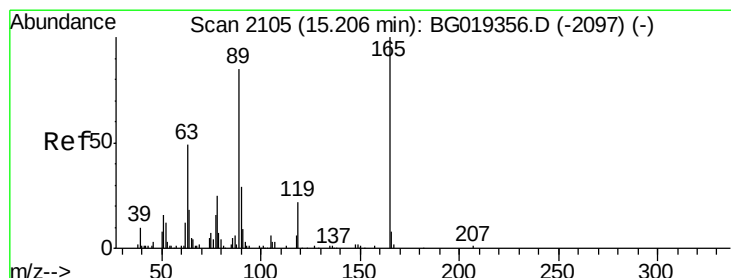
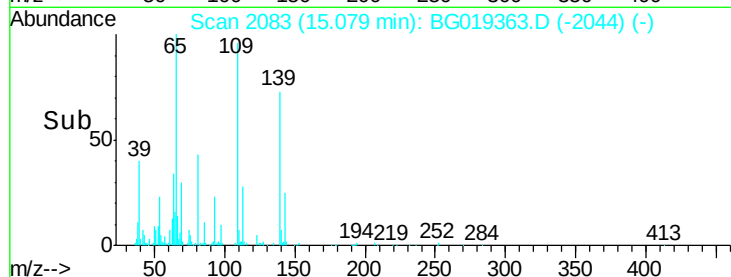
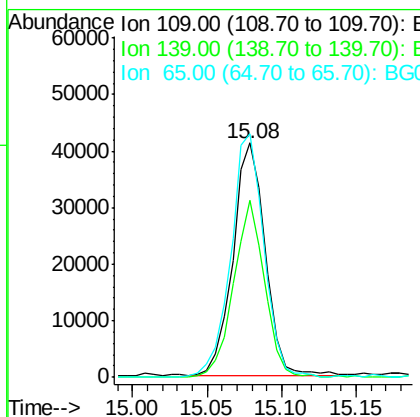
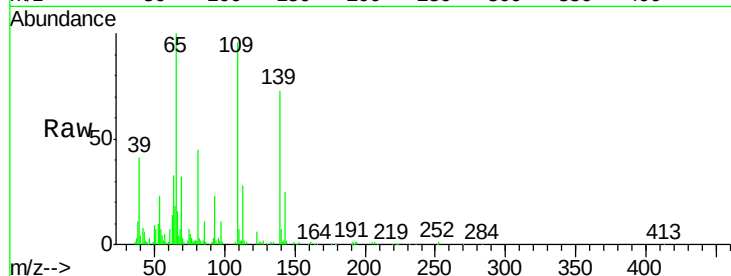




#53
4-Nitrophenol
Concen: 25.78 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. 0.03 min
Lab File: BG019363.D
Acq: 26 Oct 2015 17:14

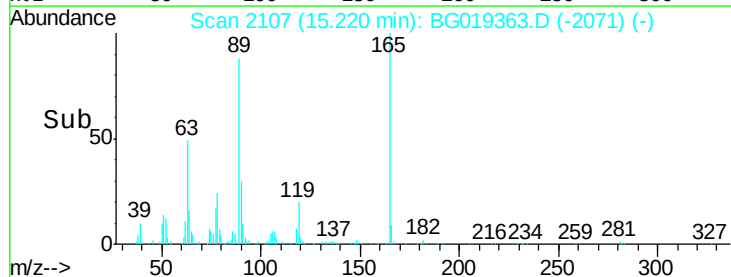
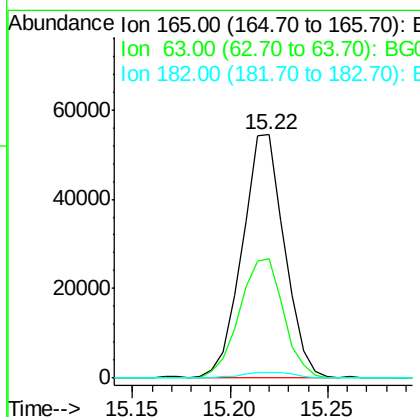
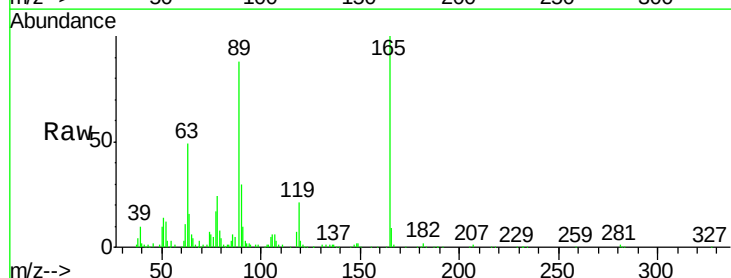
Instrument :
BNA_G
ClientSampleId :
JG9H8MS

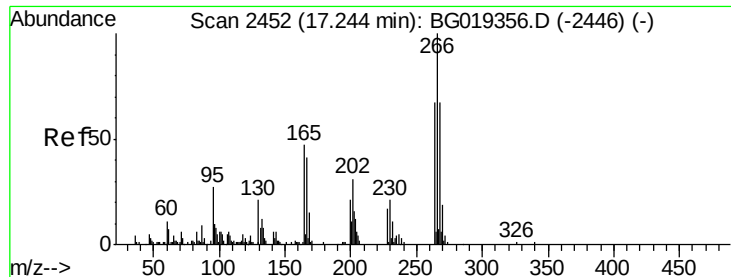
Tgt Ion:109 Resp: 61952
Ion Ratio Lower Upper
109 100
139 75.9 41.5 62.3#
65 104.0 73.7 110.5



#55
2,4-Dinitrotoluene
Concen: 29.49 ng/ul
RT: 15.22 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BG019363.D
Acq: 26 Oct 2015 17:14

Tgt Ion:165 Resp: 81602
Ion Ratio Lower Upper
165 100
63 49.0 51.1 76.7#
182 2.4 3.3 4.9#





#69

Pentachlorophenol

Concen: 26.93 ng/ul

RT: 17.26 min Scan# 2454

Delta R.T. 0.01 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

Instrument :

BNA_G

ClientSampleId :

JG9H8MS

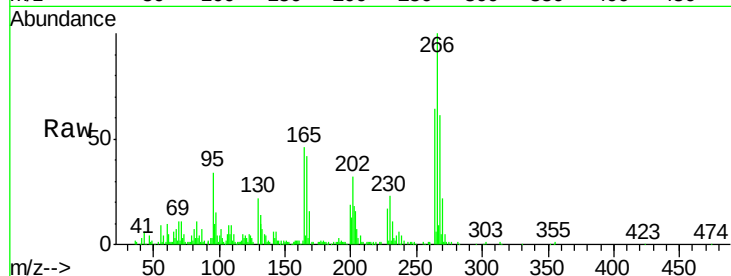
Tgt Ion:266 Resp: 61470

Ion Ratio Lower Upper

266 100

264 64.3 49.5 74.3

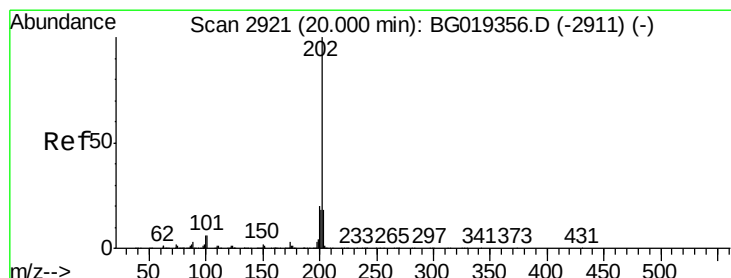
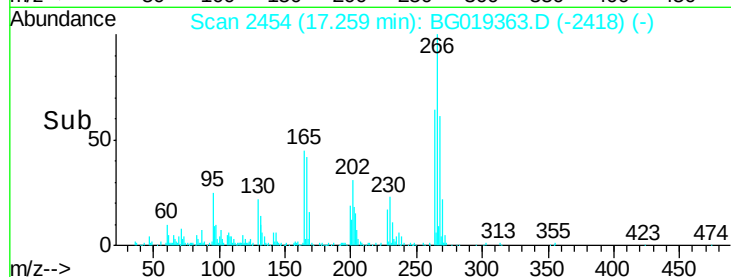
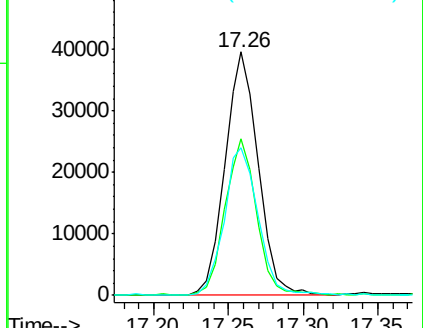
268 60.7 48.7 73.1



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



#80

Pyrene

Concen: 23.19 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BG019363.D

Acq: 26 Oct 2015 17:14

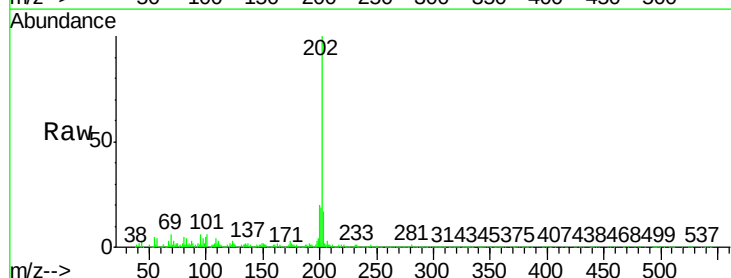
Tgt Ion:202 Resp: 393017

Ion Ratio Lower Upper

202 100

101 5.8 4.3 6.5

100 5.2 3.6 5.4



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

