

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111315\
 Data File : BG019586.D
 Acq On : 13 Nov 2015 16:27
 Operator : UM/NP
 Sample : G4342-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KS7

Quant Time: Nov 14 00:08:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 14 00:06:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	22741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	95791	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	74880	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	211768	20.00	ng/ul	0.00
78) Chrysene-d12	21.81	240	279838	20.00	ng/ul	0.00
86) Perylene-d12	25.14	264	265583	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2661	5.60	ng/uL	0.00
5) Phenol-d5	7.30	99	59814	28.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	41594	31.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	37357	28.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	47072	28.31	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	20558	29.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	22524	26.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	46949	25.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	55499	30.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	204322	33.09	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	195618	28.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	33183	33.83	ng/ul	0.00
58) Fluorene-d10	15.78	176	161215	28.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	38484	28.08	ng/ul	0.00
71) Anthracene-d10	17.63	188	309240	32.03	ng/ul	0.00
79) Pyrene-d10	19.91	212	388545	31.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.91	264	425491	31.93	ng/ul	-0.01

Target Compounds

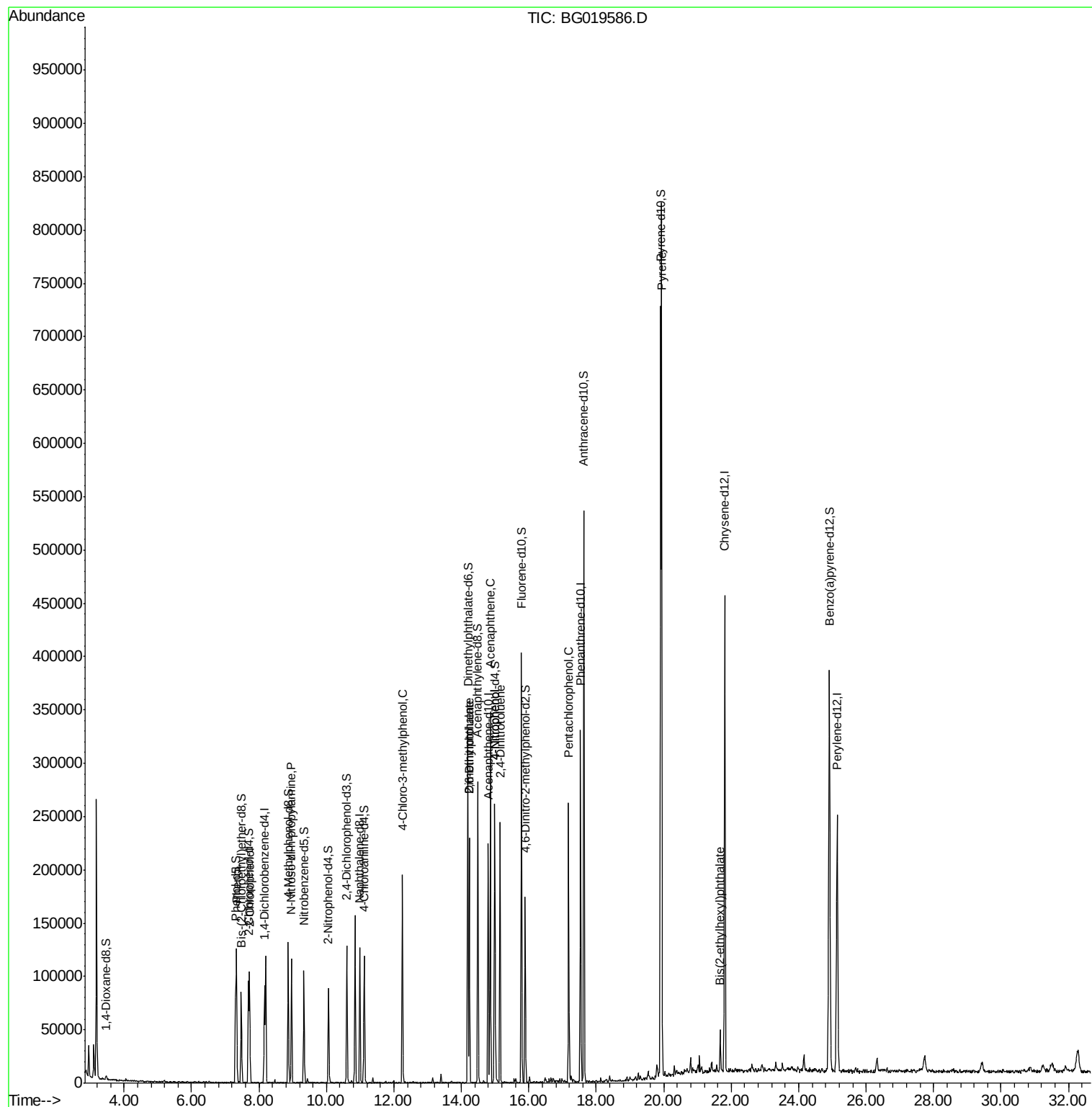
						Qvalue
6) Phenol	7.33	94	68512	30.81	ng/ul	87
10) 2-Chlorophenol	7.72	128	38486	28.69	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.97	70	57088	31.20	ng/ul#	90
33) 4-Chloro-3-methylphenol	12.25	107	68738	29.55	ng/ul	92
45) Dimethylphthalate	14.24	163	132432	20.97	ng/ul	98
46) 2,6-Dinitrotoluene	14.24	165	1436	1.12	ng/ul#	35
50) Acenaphthene	14.86	153	139234	29.44	ng/ul	98
53) 4-Nitrophenol	14.99	109	42234	27.61	ng/ul#	61
55) 2,4-Dinitrotoluene	15.15	165	60844	30.14	ng/ul#	84
69) Pentachlorophenol	17.18	266	45659	28.96	ng/ul	97
80) Pyrene	19.93	202	501728	31.95	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.67	149	15646	2.16	ng/ul#	97

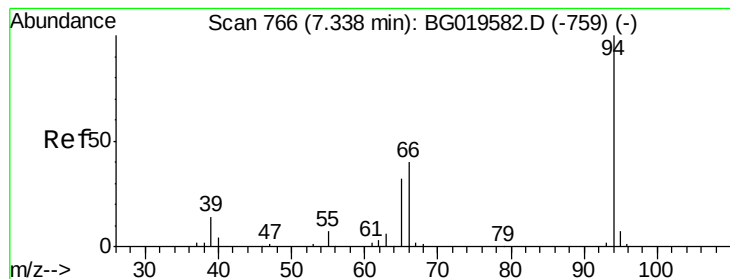
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 14 00:06:36 2015
Response via : Initial Calibration





#6

Phenol

Concen: 30.81 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG019586.D

Acq: 13 Nov 2015 16:27

Instrument :

BNA_G

ClientSampleId :

D9KS7

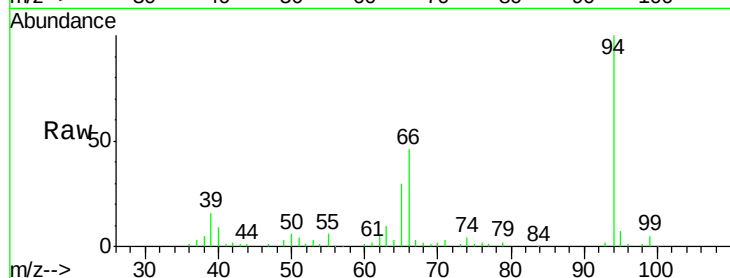
Tgt Ion: 94 Resp: 68512

Ion Ratio Lower Upper

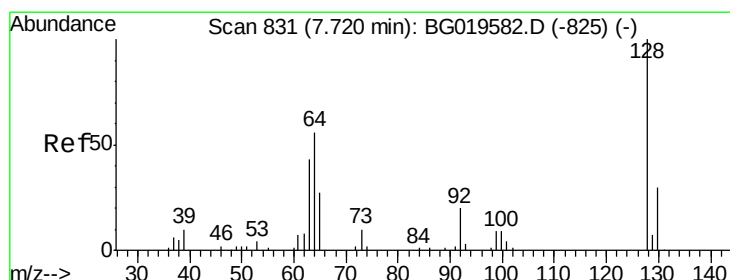
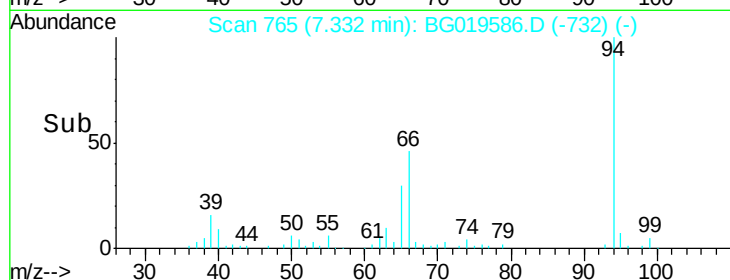
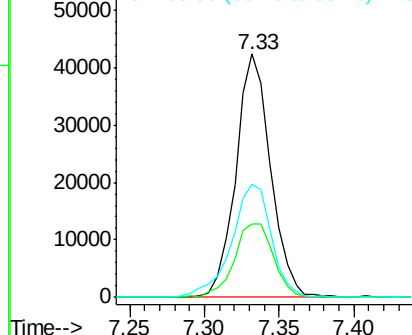
94 100

65 30.2 29.3 43.9

66 46.2 45.0 67.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 28.69 ng/ul

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG019586.D

Acq: 13 Nov 2015 16:27

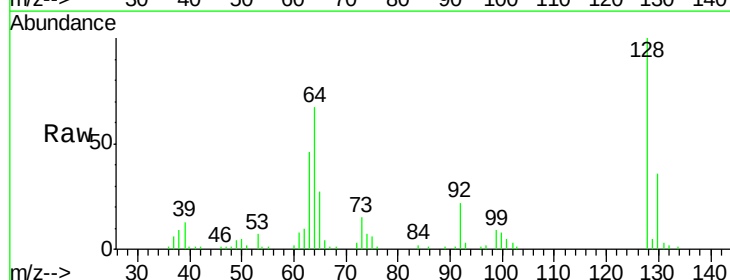
Tgt Ion: 128 Resp: 38486

Ion Ratio Lower Upper

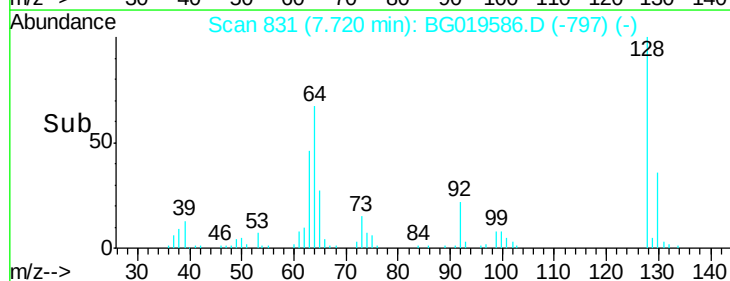
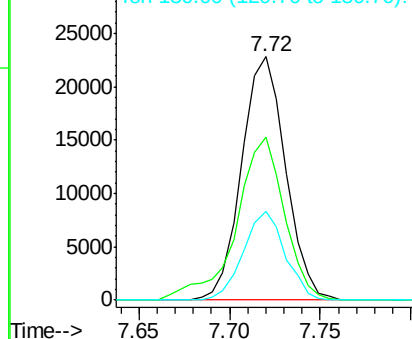
128 100

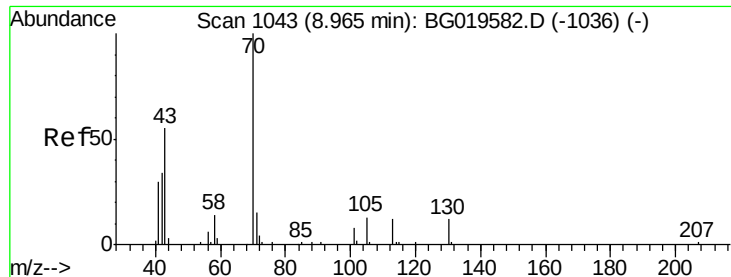
64 67.1 53.2 79.8

130 36.4 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 31.20 ng/ul

RT: 8.97 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG019586.D

Acq: 13 Nov 2015 16:27

Instrument :

BNA_G

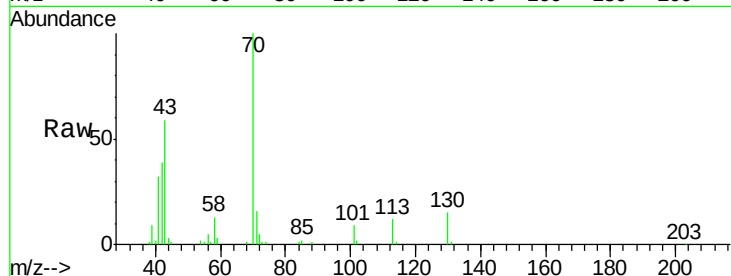
ClientSampleId :

D9KS7

Tgt Ion: 70 Resp: 57088

Ion Ratio Lower Upper

70	100		
42	38.5	36.6	55.0
101	9.2	5.8	8.8#
130	14.7	14.6	22.0



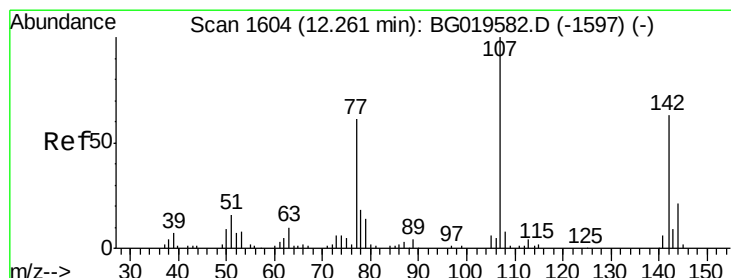
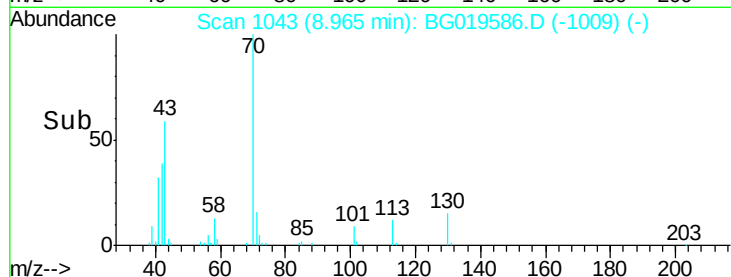
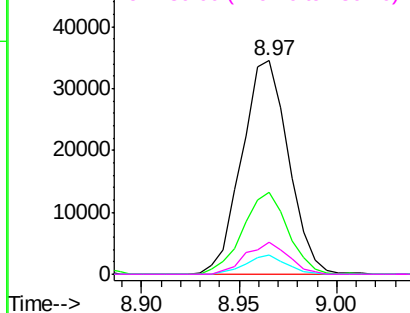
Abundance

Ion 70.00 (69.70 to 70.70): BG019586.D (-1009) (-)

Ion 42.00 (41.70 to 42.70): BG019586.D (-1009) (-)

Ion 101.00 (100.70 to 101.70): BG019586.D (-1009) (-)

Ion 130.00 (129.70 to 130.70): BG019586.D (-1009) (-)



#33

4-Chloro-3-methylphenol

Concen: 29.55 ng/ul

RT: 12.25 min Scan# 1602

Delta R.T. -0.01 min

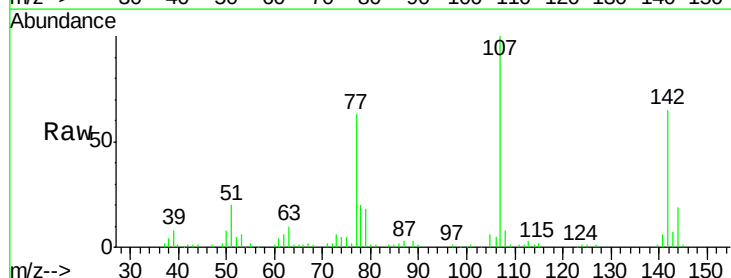
Lab File: BG019586.D

Acq: 13 Nov 2015 16:27

Tgt Ion: 107 Resp: 68738

Ion Ratio Lower Upper

107	100		
144	19.1	13.0	19.6
142	65.3	47.0	70.6

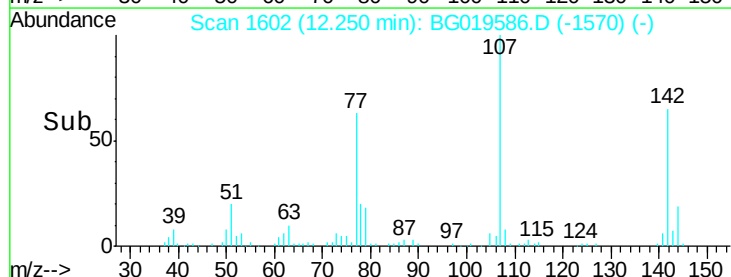
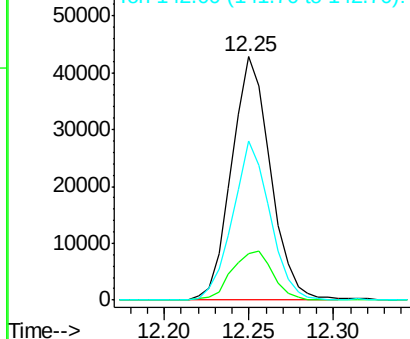


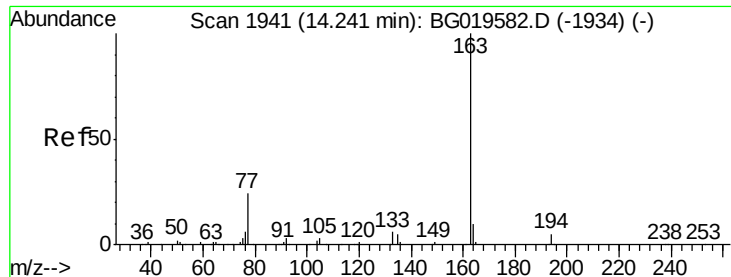
Abundance

Ion 107.00 (106.70 to 107.70): BG019586.D (-1570) (-)

Ion 144.00 (143.70 to 144.70): BG019586.D (-1570) (-)

Ion 142.00 (141.70 to 142.70): BG019586.D (-1570) (-)

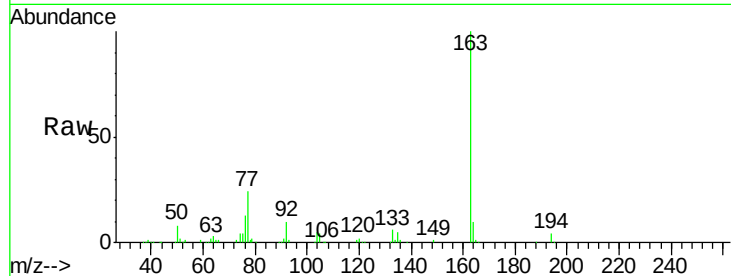




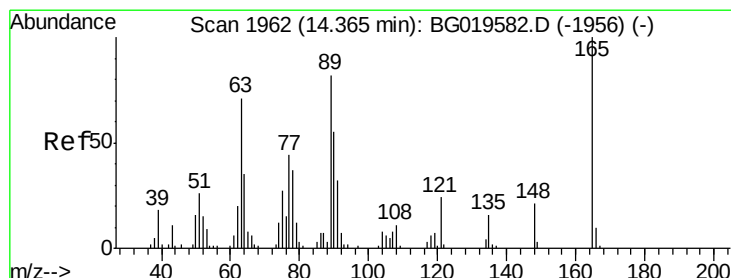
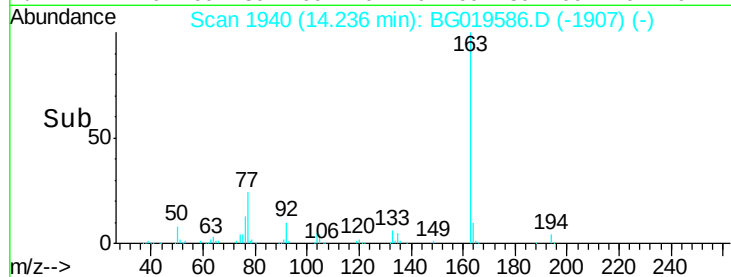
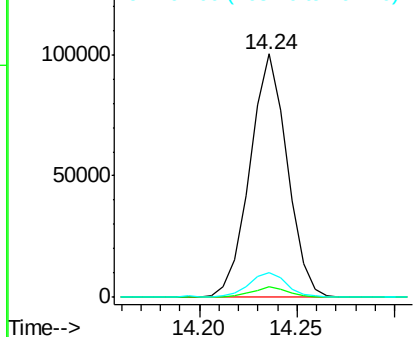
#45
Dimethylphthalate
Concen: 20.97 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG019586.D
Acq: 13 Nov 2015 16:27

Instrument :
BNA_G
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D9KS7

Tgt Ion:163 Resp: 132432
Ion Ratio Lower Upper
163 100
194 4.4 4.3 6.5
164 9.9 7.5 11.3

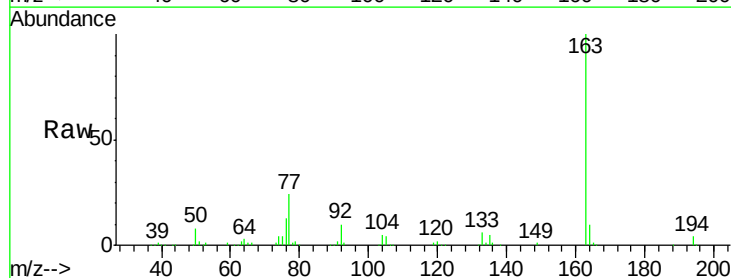


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

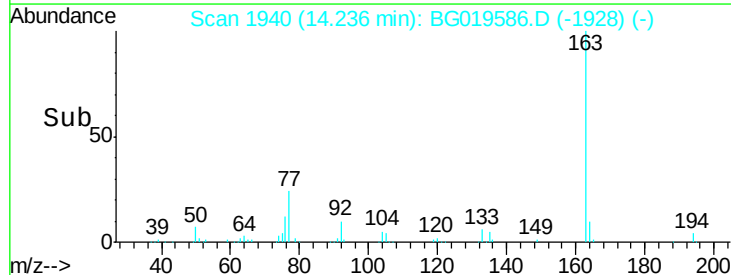
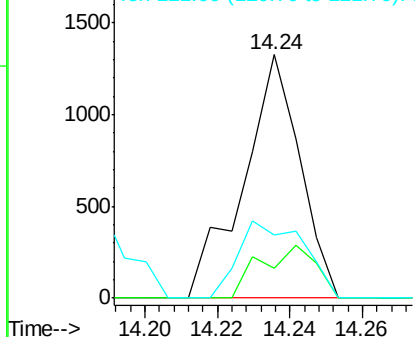


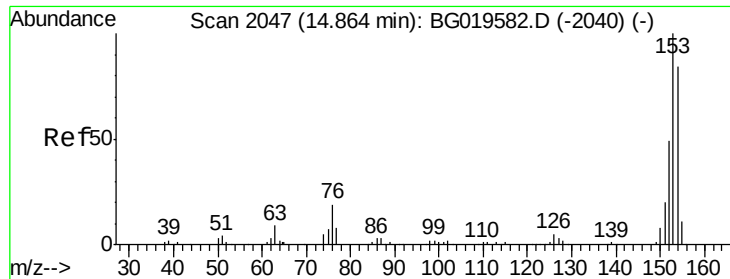
#46
2,6-Dinitrotoluene
Concen: 1.12 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.13 min
Lab File: BG019586.D
Acq: 13 Nov 2015 16:27

Tgt Ion:165 Resp: 1436
Ion Ratio Lower Upper
165 100
89 12.1 66.7 100.1#
121 26.0 17.0 25.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthene

Concen: 29.44 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG019586.D

Acq: 13 Nov 2015 16:27

Instrument :

BNA_G

ClientSampleId :

D9KS7

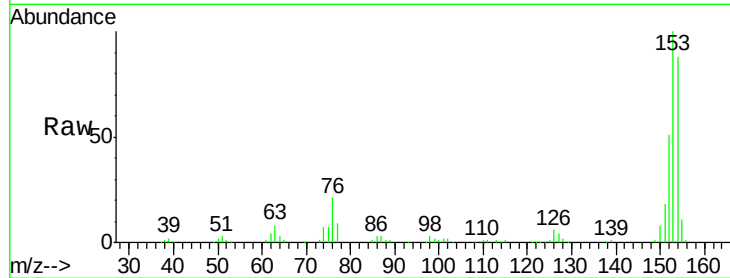
Tgt Ion:153 Resp: 139234

Ion Ratio Lower Upper

153 100

152 51.0 38.8 58.2

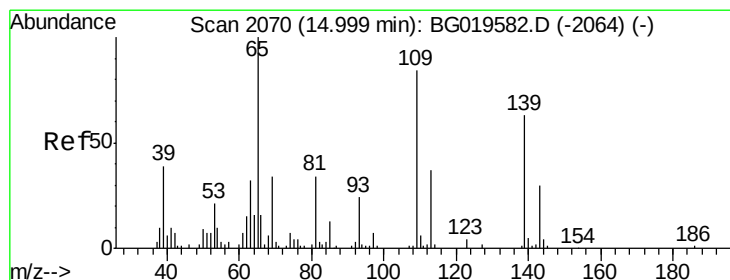
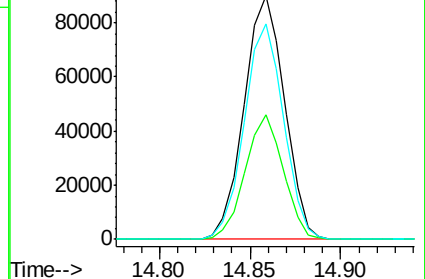
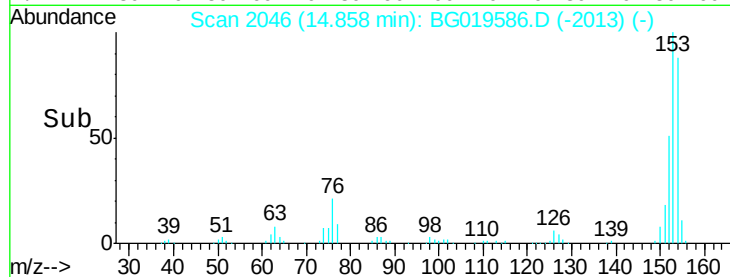
154 88.4 71.5 107.3



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: 27.61 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BG019586.D

Acq: 13 Nov 2015 16:27

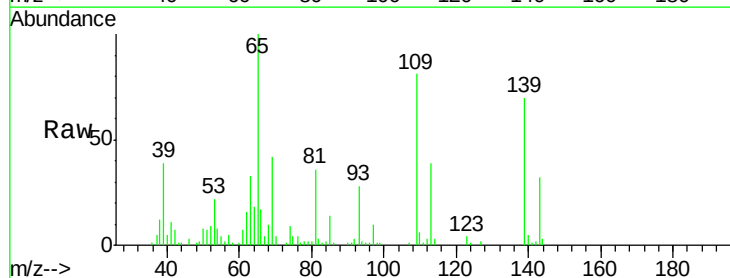
Tgt Ion:109 Resp: 42234

Ion Ratio Lower Upper

109 100

139 86.6 41.5 62.3#

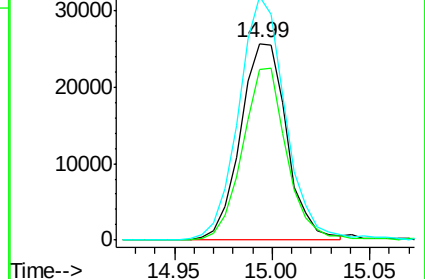
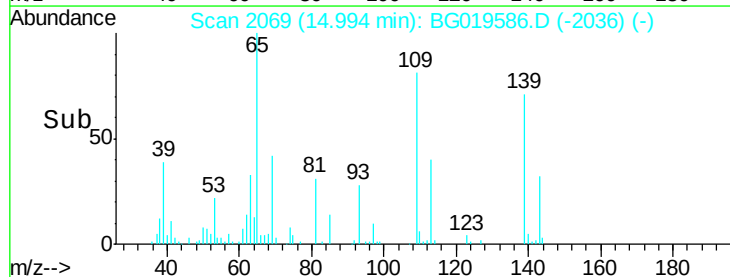
65 123.7 73.7 110.5#

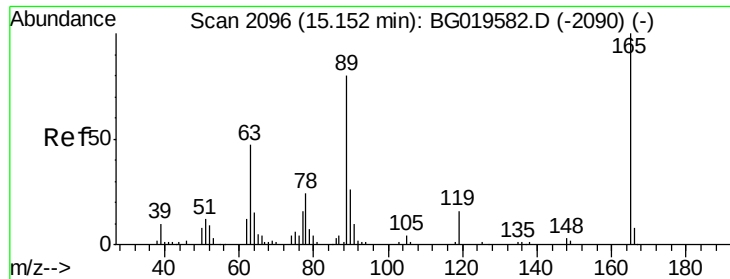


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

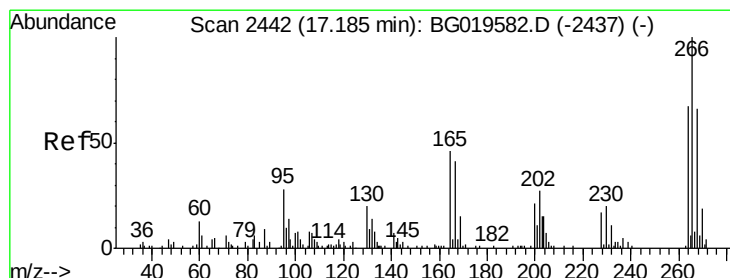
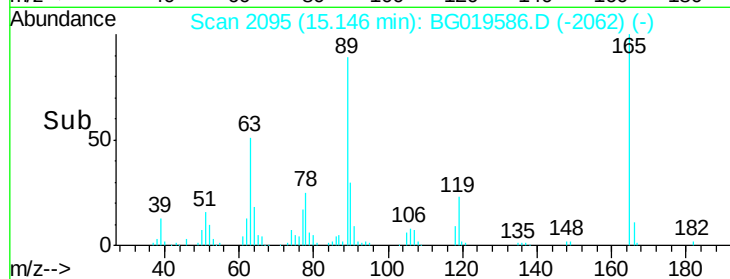
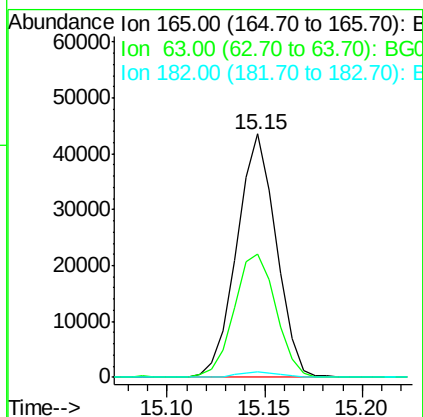
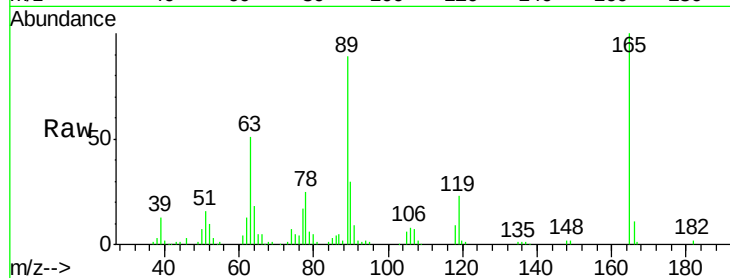




#55
 2,4-Dinitrotoluene
 Concen: 30.14 ng/ul
 RT: 15.15 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG019586.D
 Acq: 13 Nov 2015 16:27

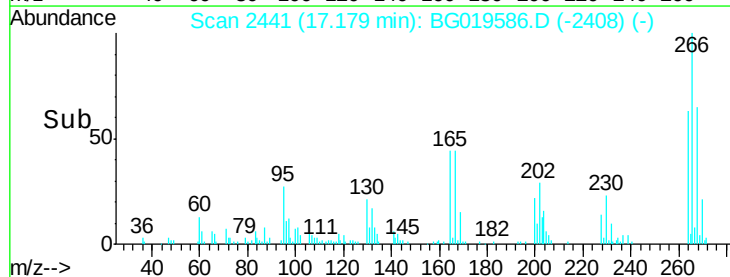
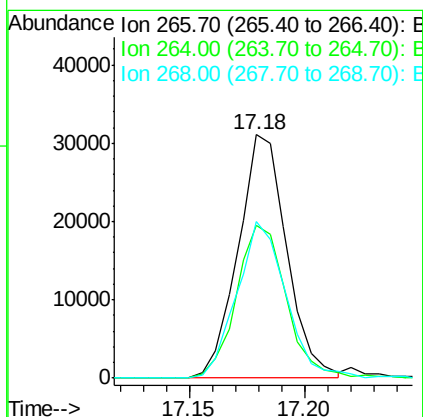
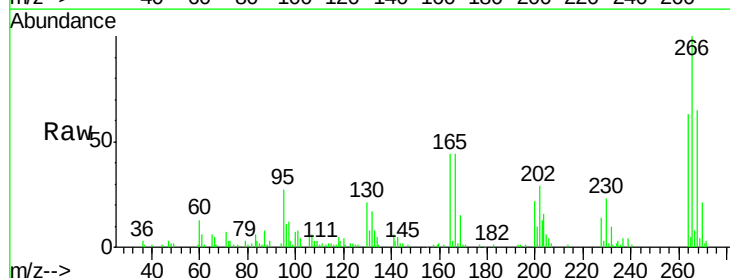
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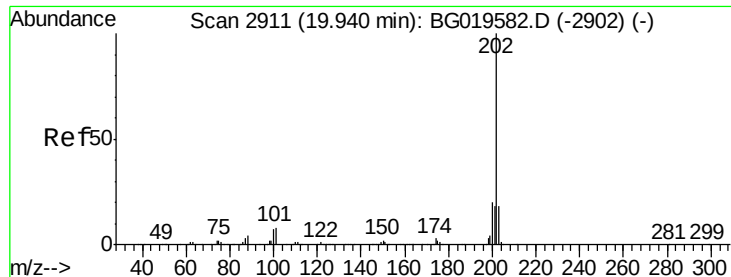
Tgt Ion:165 Resp: 60844
 Ion Ratio Lower Upper
 165 100
 63 50.7 51.1 76.7#
 182 2.1 3.3 4.9#



#69
 Pentachlorophenol
 Concen: 28.96 ng/ul
 RT: 17.18 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG019586.D
 Acq: 13 Nov 2015 16:27

Tgt Ion:266 Resp: 45659
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.5 74.3
 268 64.5 48.7 73.1

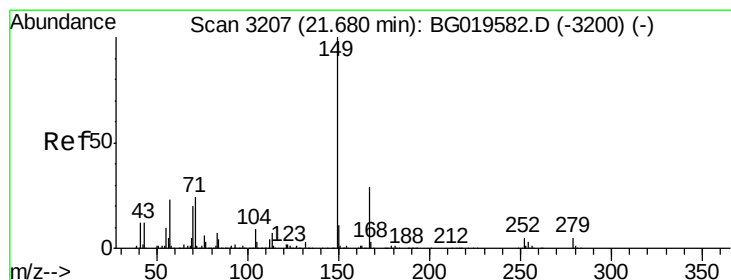
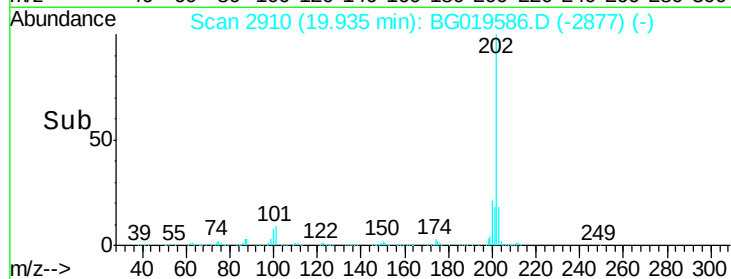
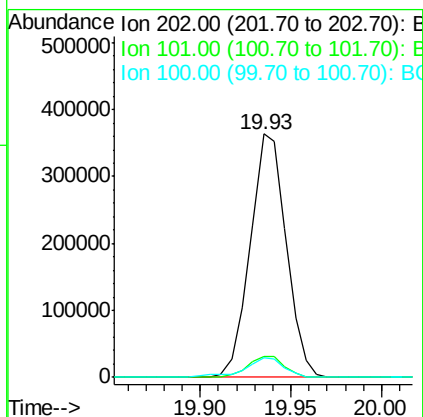
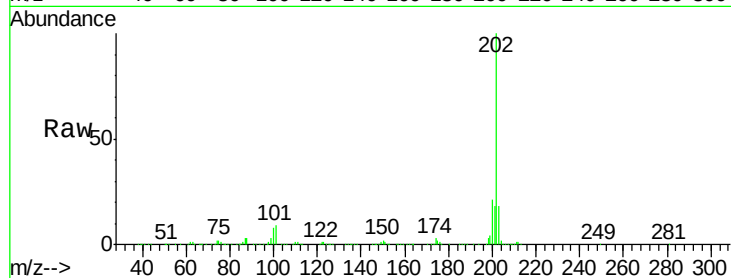




#80
 Pyrene
 Concen: 31.95 ng/ul
 RT: 19.93 min Scan# 2910
 Delta R.T. -0.01 min
 Lab File: BG019586.D
 Acq: 13 Nov 2015 16:27

Instrument :
 BNA_G
 ClientSampleId :
 D9KS7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.3	6.5#
100	7.8	3.6	5.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.16 ng/ul
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019586.D
 Acq: 13 Nov 2015 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.2	34.8
279	4.5	5.0	7.4#

