

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020311.D
 Acq On : 19 Dec 2015 14:35
 Operator : UM/SJ
 Sample : G4849-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N68MSD

Quant Time: Dec 20 05:19:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	89779	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63559	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	173366	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	231338	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	215026	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2320	6.17	ng/uL	0.00
5) Phenol-d5	7.24	99	56753	30.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	36380	33.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	45271	33.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	48843	31.19	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	24405	34.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	28715	36.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	51730	32.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	62647	35.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	185742	36.13	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	208526	34.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	33141	35.94	ng/ul	0.00
58) Fluorene-d10	15.71	176	165057	35.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	33270	32.37	ng/ul	0.00
71) Anthracene-d10	17.56	188	276312	34.59	ng/ul	0.00
79) Pyrene-d10	19.85	212	339841	31.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	382053	35.62	ng/ul	0.00

Target Compounds

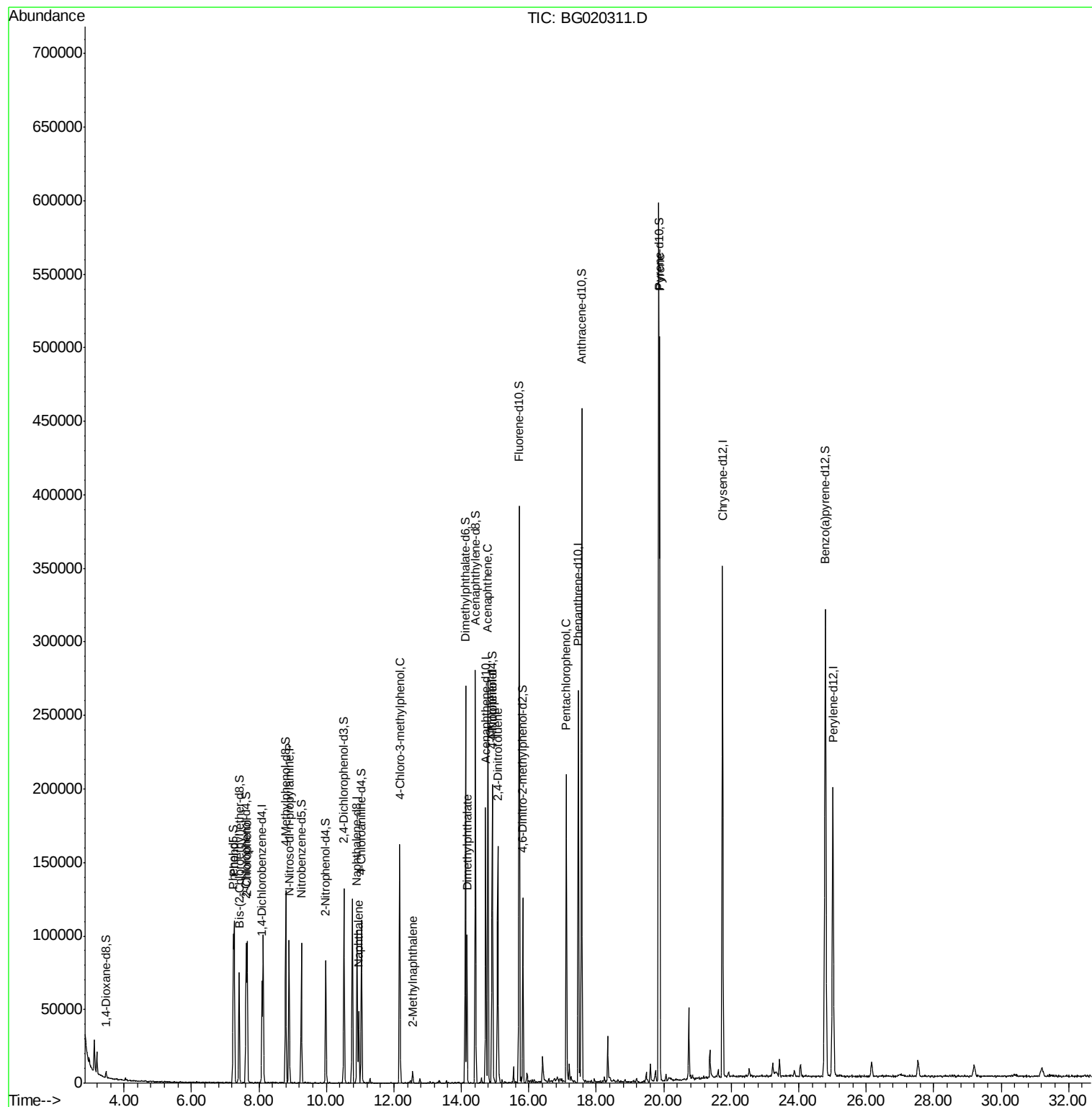
						Ovalue
6) Phenol	7.27	94	56773	28.95	ng/ul	97
10) 2-Chlorophenol	7.65	128	44354	31.80	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.89	70	37900	29.20	ng/ul	99
28) Naphthalene	10.95	128	42896	9.15	ng/ul	97
33) 4-Chloro-3-methylphenol	12.17	107	58403	30.33	ng/ul	92
34) 2-Methylnaphthalene	12.55	142	4898	1.37	ng/ul	91
45) Dimethylphthalate	14.17	163	68214	12.99	ng/ul	99
50) Acenaphthene	14.79	153	117623	27.51	ng/ul	99
53) 4-Nitrophenol	14.93	109	29701	33.49	ng/ul	96
55) 2,4-Dinitrotoluene	15.08	165	51348	32.21	ng/ul#	93
69) Pentachlorophenol	17.11	266	41763	31.69	ng/ul	99
80) Pyrene	19.88	202	330350	23.59	ng/ul	98

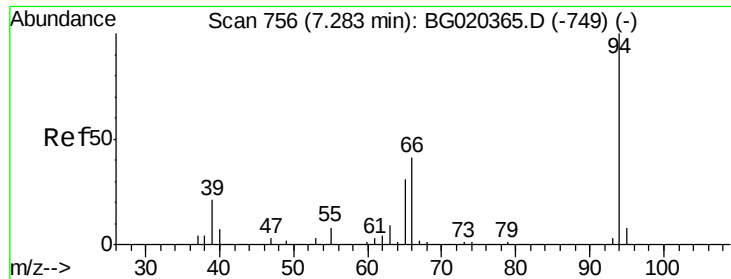
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 28.95 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

Instrument :

BNA_G

ClientSampleId :

D9N68MSD

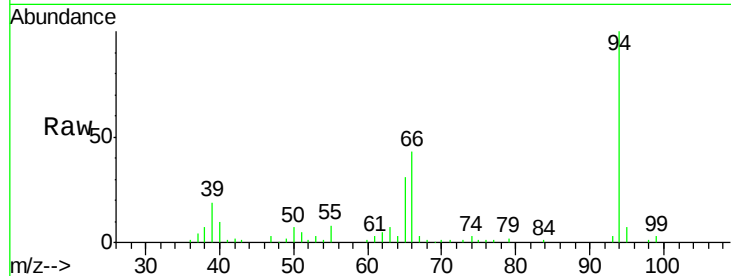
Tot Ion: 94 Resp: 56773

Ion Ratio Lower Upper

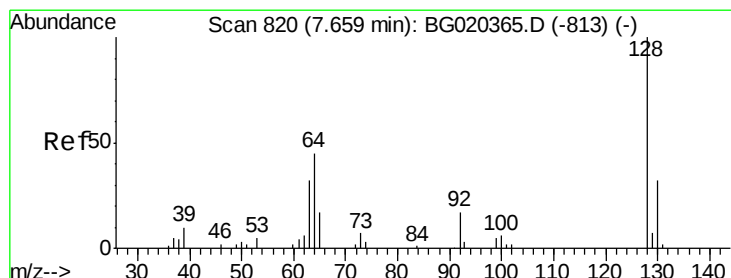
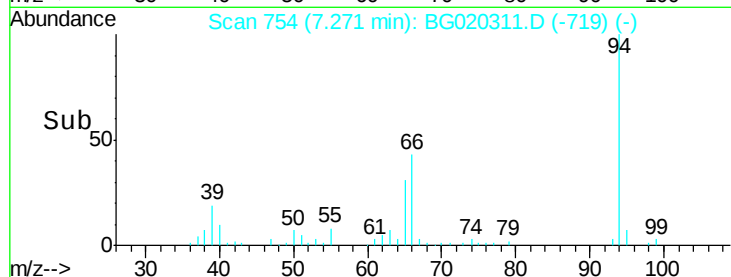
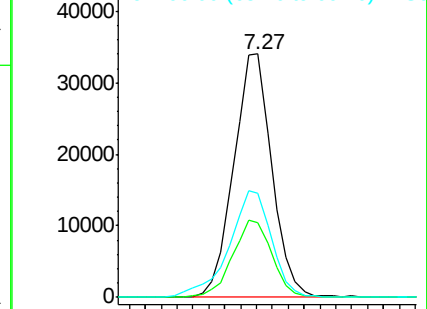
94 100

65 30.5 26.3 39.5

66 42.6 33.3 49.9



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: 31.80 ng/ul

RT: 7.65 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

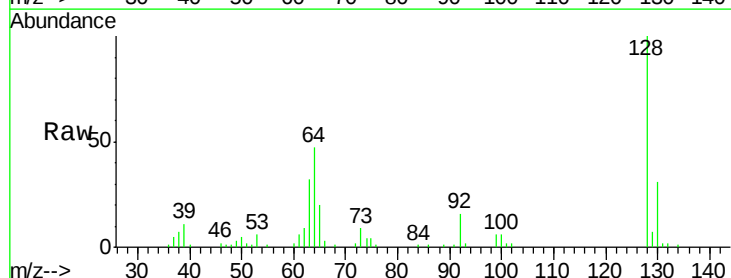
Tgt Ion: 128 Resp: 44354

Ion Ratio Lower Upper

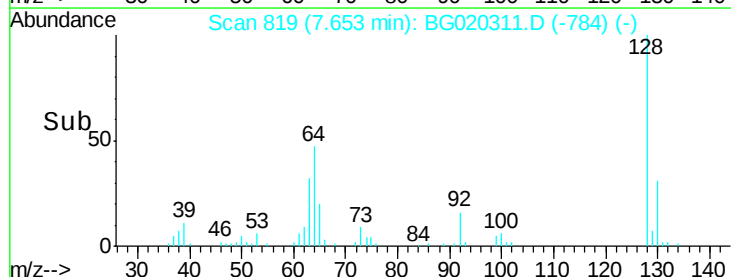
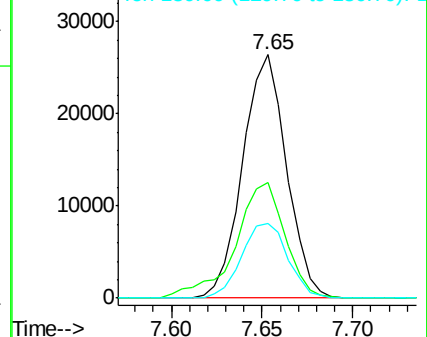
128 100

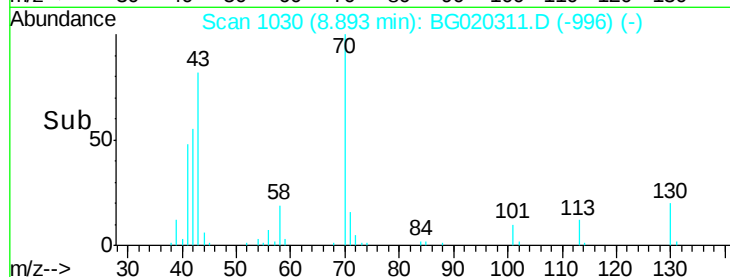
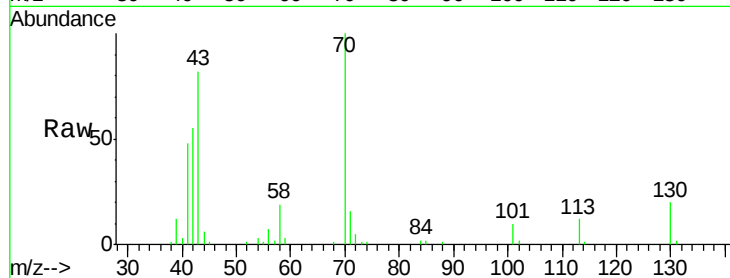
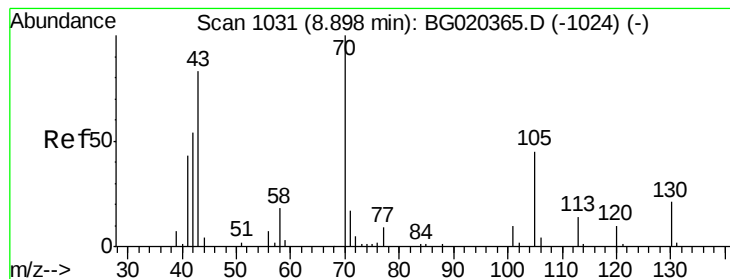
64 47.3 39.4 59.0

130 30.8 24.6 36.8



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: 29.20 ng/ul

RT: 8.89 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

Instrument :

BNA_G

ClientSampleId :

D9N68MSD

Tot Ion: 70 Resp: 37900

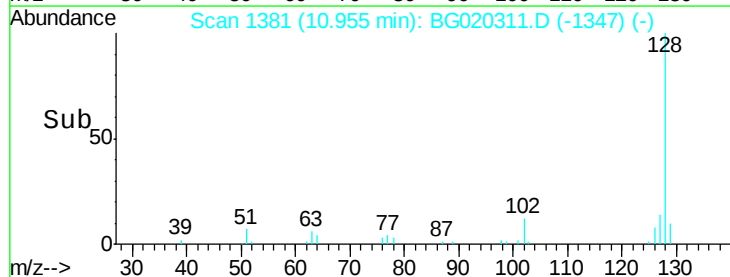
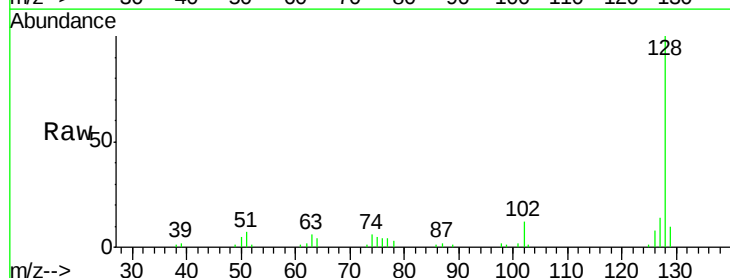
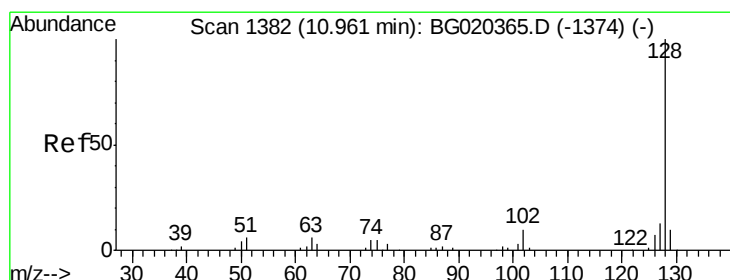
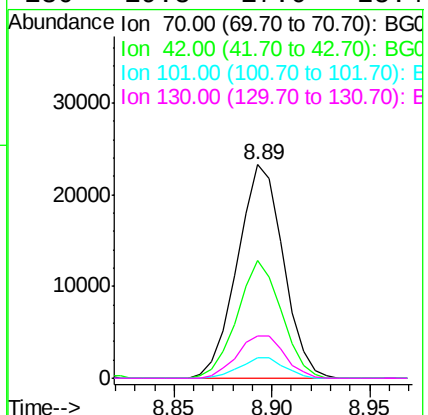
Ion Ratio Lower Upper

70 100

42 55.0 44.3 66.5

101 9.7 7.6 11.4

130 19.8 17.0 25.4



#28

Naphthalene

Concen: 9.15 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

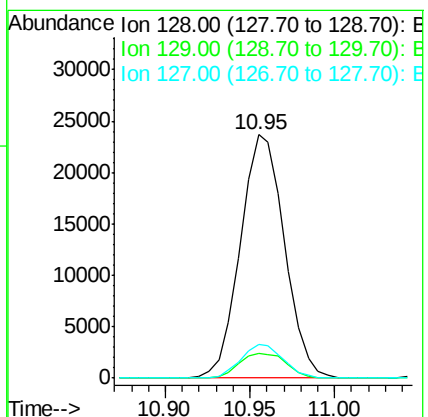
Tgt Ion: 128 Resp: 42896

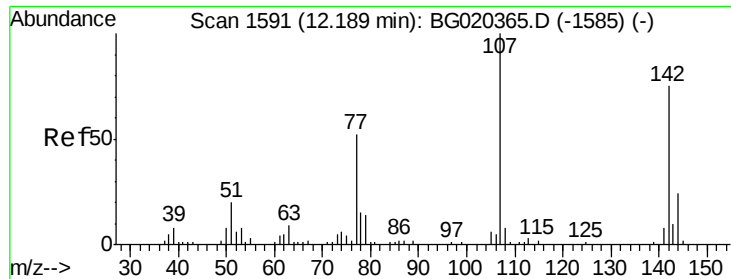
Ion Ratio Lower Upper

128 100

129 10.2 8.6 12.8

127 14.0 10.1 15.1





#33

4-Chloro-3-methylphenol

Concen: 30.33 ng/ul

RT: 12.17 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

Instrument :

BNA_G

ClientSampleId :

D9N68MSD

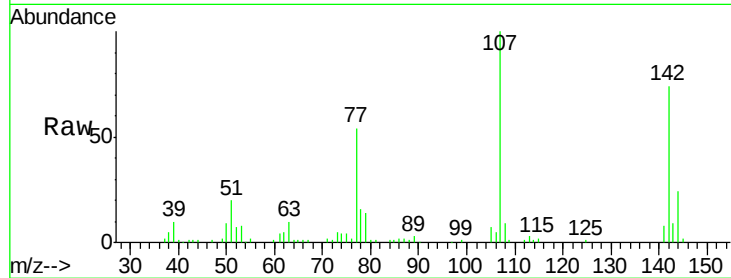
Tot Ion:107 Resp: 58403

Ion Ratio Lower Upper

107 100

144 24.5 18.7 28.1

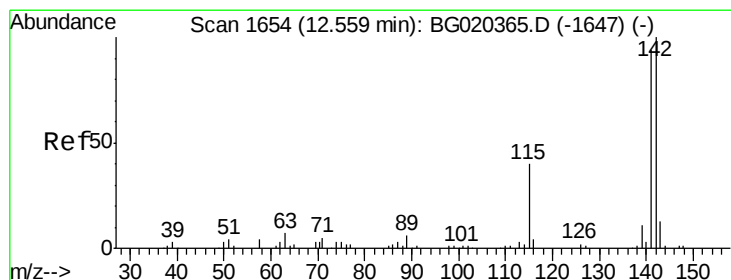
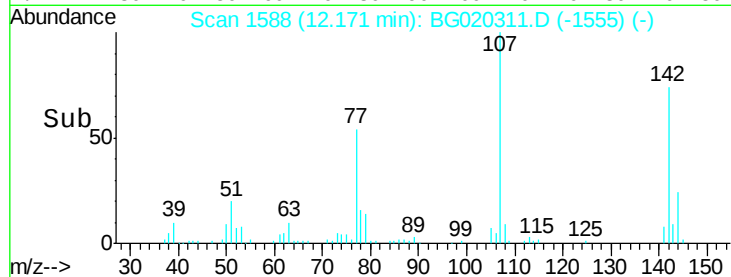
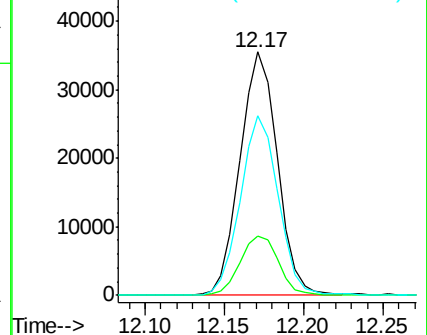
142 73.9 52.8 79.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#34

2-Methylnaphthalene

Concen: 1.37 ng/ul

RT: 12.55 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG020311.D

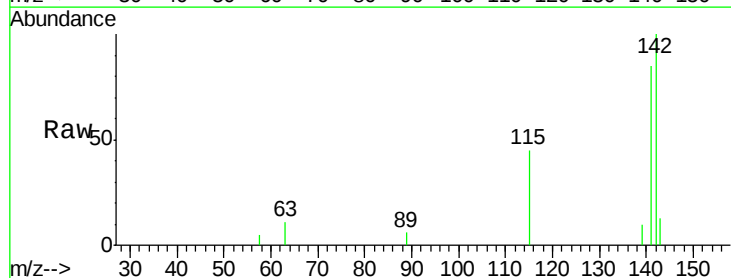
Acq: 19 Dec 2015 14:35

Tgt Ion:142 Resp: 4898

Ion Ratio Lower Upper

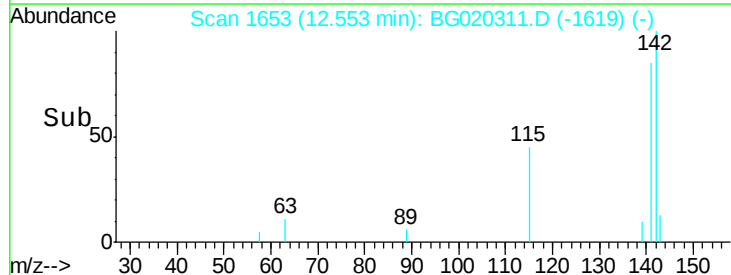
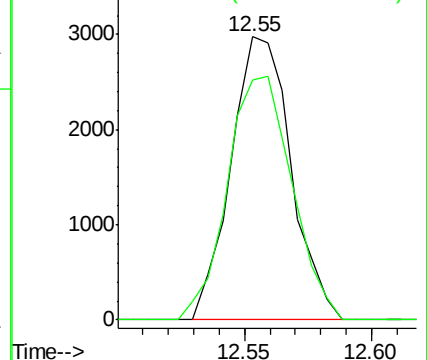
142 100

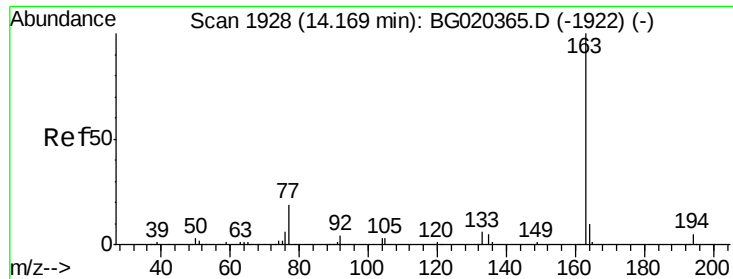
141 84.9 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

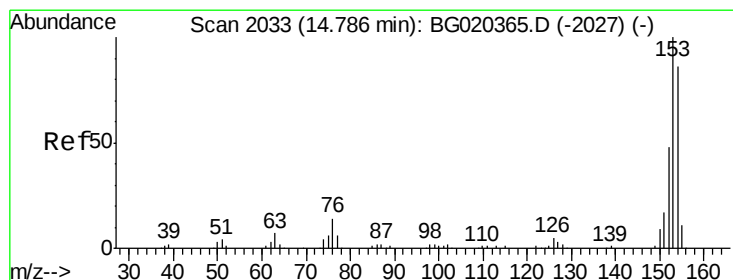
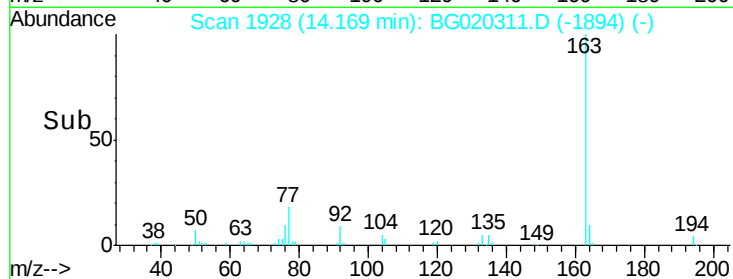
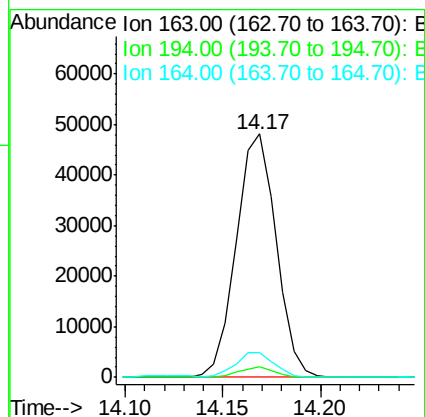
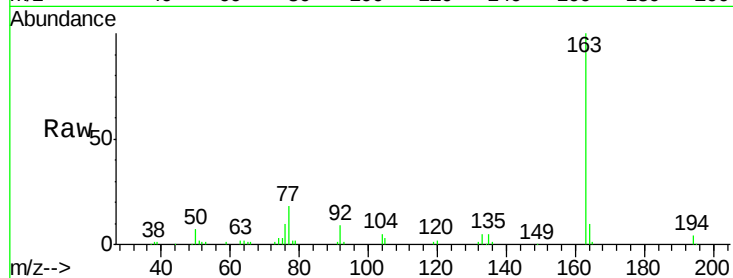




#45
Dimethylphthalate
Concen: 12.99 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG020311.D
Acq: 19 Dec 2015 14:35

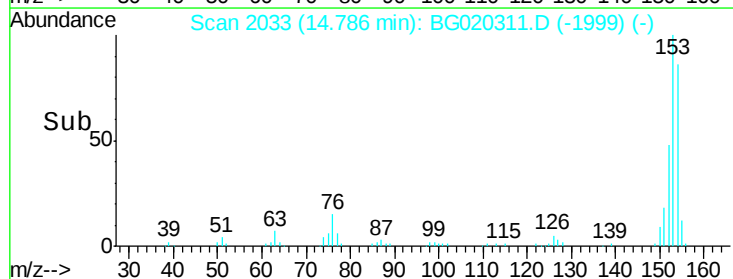
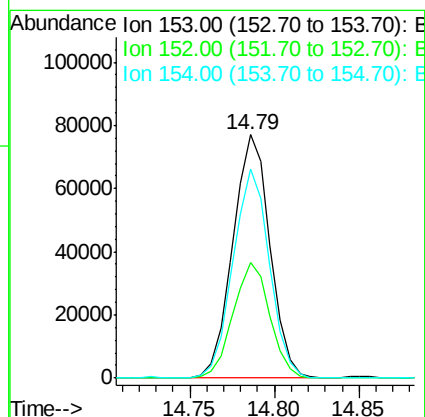
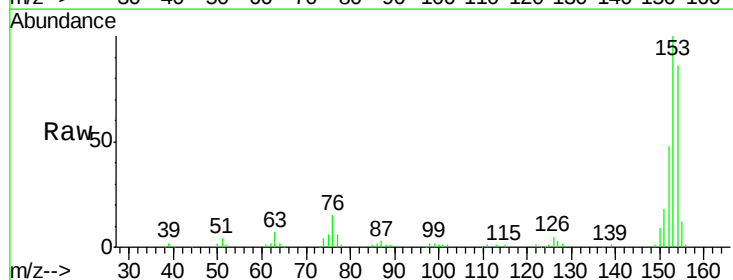
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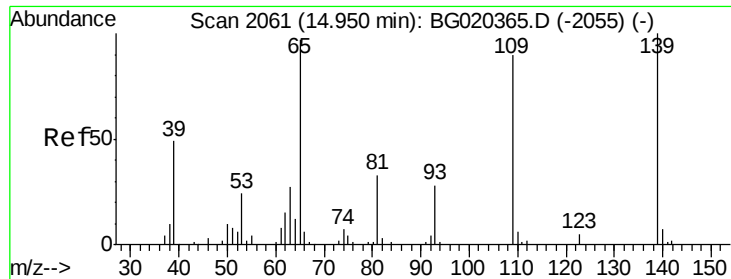
Tot Ion:163 Resp: 68214
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 7.7 11.5



#50
Acenaphthene
Concen: 27.51 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG020311.D
Acq: 19 Dec 2015 14:35

Tgt Ion:153 Resp: 117623
Ion Ratio Lower Upper
153 100
152 47.6 37.6 56.4
154 86.1 67.9 101.9





#53

4-Nitrophenol

Concen: 33.49 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

Instrument :

BNA_G

ClientSampleId :

D9N68MSD

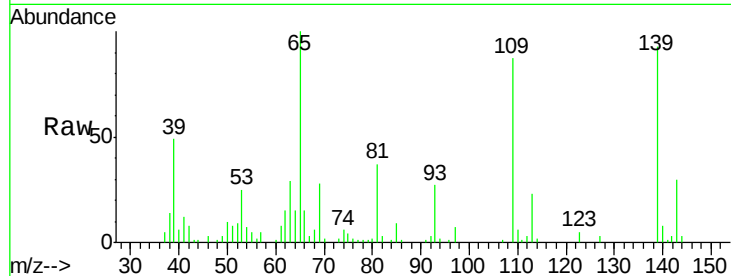
Tot Ion:109 Resp: 29701

Ion Ratio Lower Upper

109 100

139 107.5 80.5 120.7

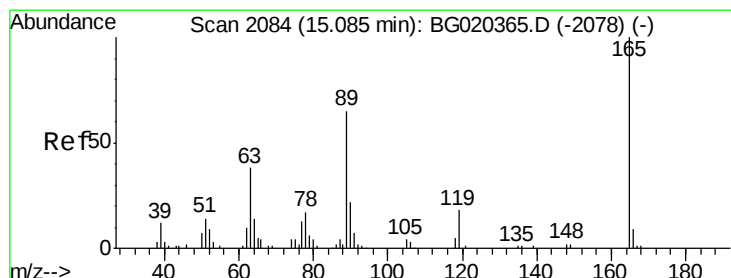
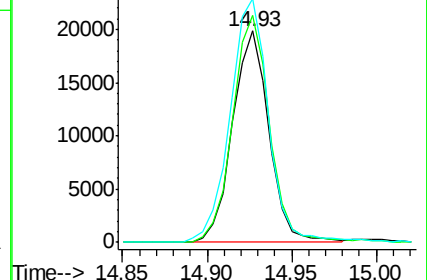
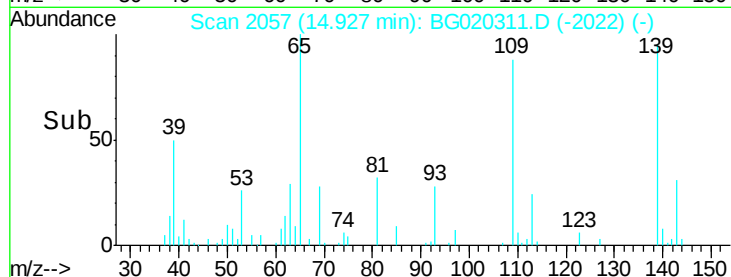
65 115.1 93.4 140.2



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: 32.21 ng/ul

RT: 15.08 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BG020311.D

Acq: 19 Dec 2015 14:35

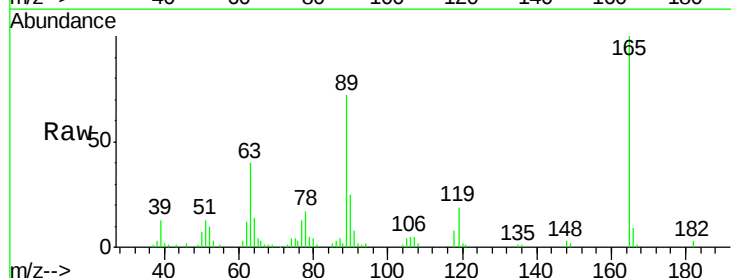
Tgt Ion:165 Resp: 51348

Ion Ratio Lower Upper

165 100

63 40.3 35.8 53.8

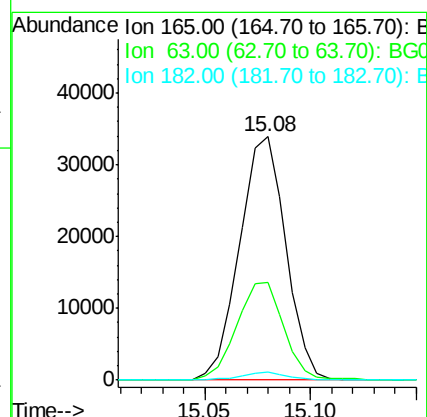
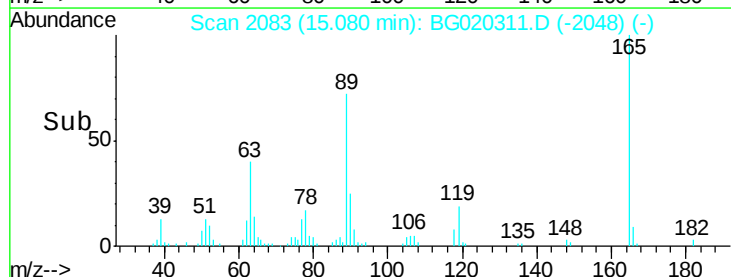
182 3.5 2.2 3.2#

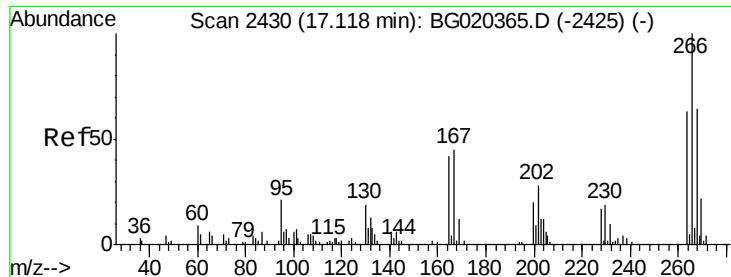


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

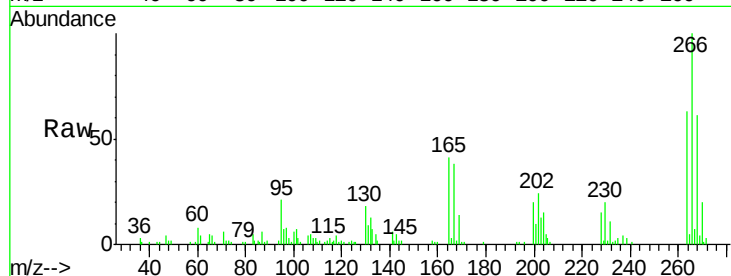




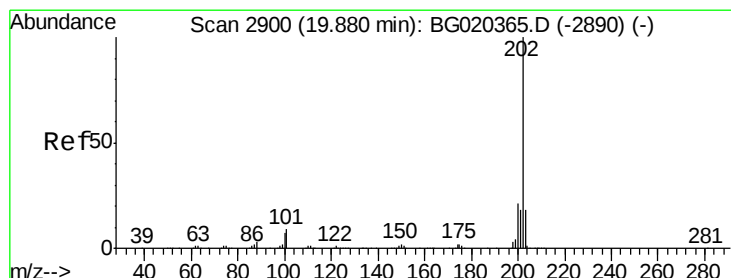
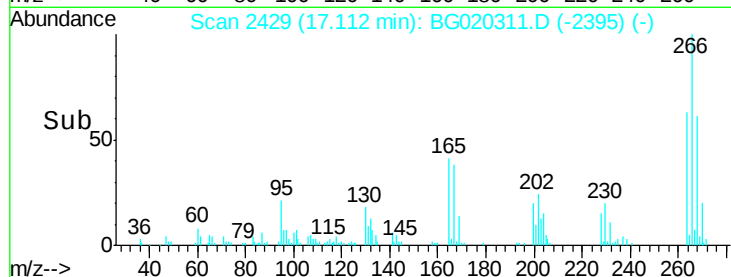
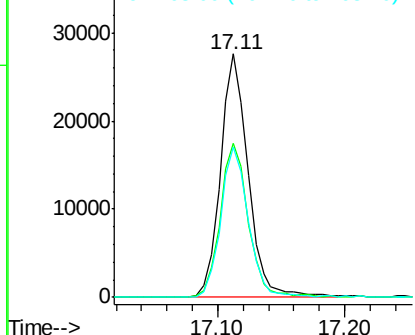
#69
 Pentachlorophenol
 Concen: 31.69 ng/ul
 RT: 17.11 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG020311.D
 Acq: 19 Dec 2015 14:35

Instrument :
 BNA_G
 ClientSampleId :
 D9N68MSD

Tot Ion:266 Resp: 41763
 Ion Ratio Lower Upper
 266 100
 264 63.0 52.2 78.2
 268 61.5 49.3 73.9

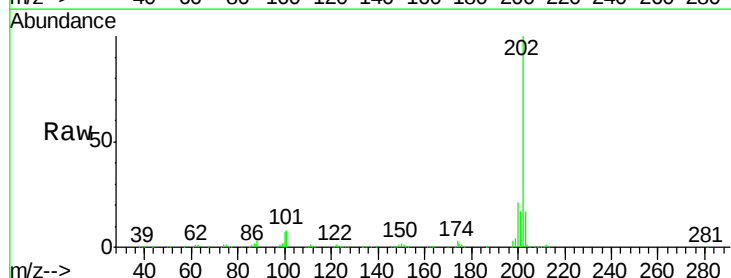


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 23.59 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG020311.D
 Acq: 19 Dec 2015 14:35

Tgt Ion:202 Resp: 330350
 Ion Ratio Lower Upper
 202 100
 101 8.3 7.0 10.4
 100 7.3 6.4 9.6



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

