

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
 Data File : BG019336.D
 Acq On : 24 Oct 2015 14:51
 Operator : UM/NP
 Sample : G4057-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

Quant Time: Oct 25 02:40:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 25 02:37:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	50544	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	212247	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	170706	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	456164	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	579012	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	552841	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	1137	1.25	ng/uL	-0.01
5) Phenol-d5	7.37	99	30450	6.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	87873	33.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	75559	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	60642	17.49	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	50115	31.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	57990	31.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.68	165	122292	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	4442	1.11	ng/ul	0.03
44) Dimethylphthalate-d6	14.27	166	440760	31.14	ng/ul	0.01
47) Acenaphthylene-d8	14.56	160	487874	31.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	135	0.06	ng/ul	-0.02
58) Fluorene-d10	15.85	176	431247	32.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	102103	34.00	ng/ul	0.00
71) Anthracene-d10	17.70	188	665340	31.85	ng/ul	0.00
79) Pyrene-d10	19.97	212	784493	30.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	893583	31.69	ng/ul	0.01

Target Compounds

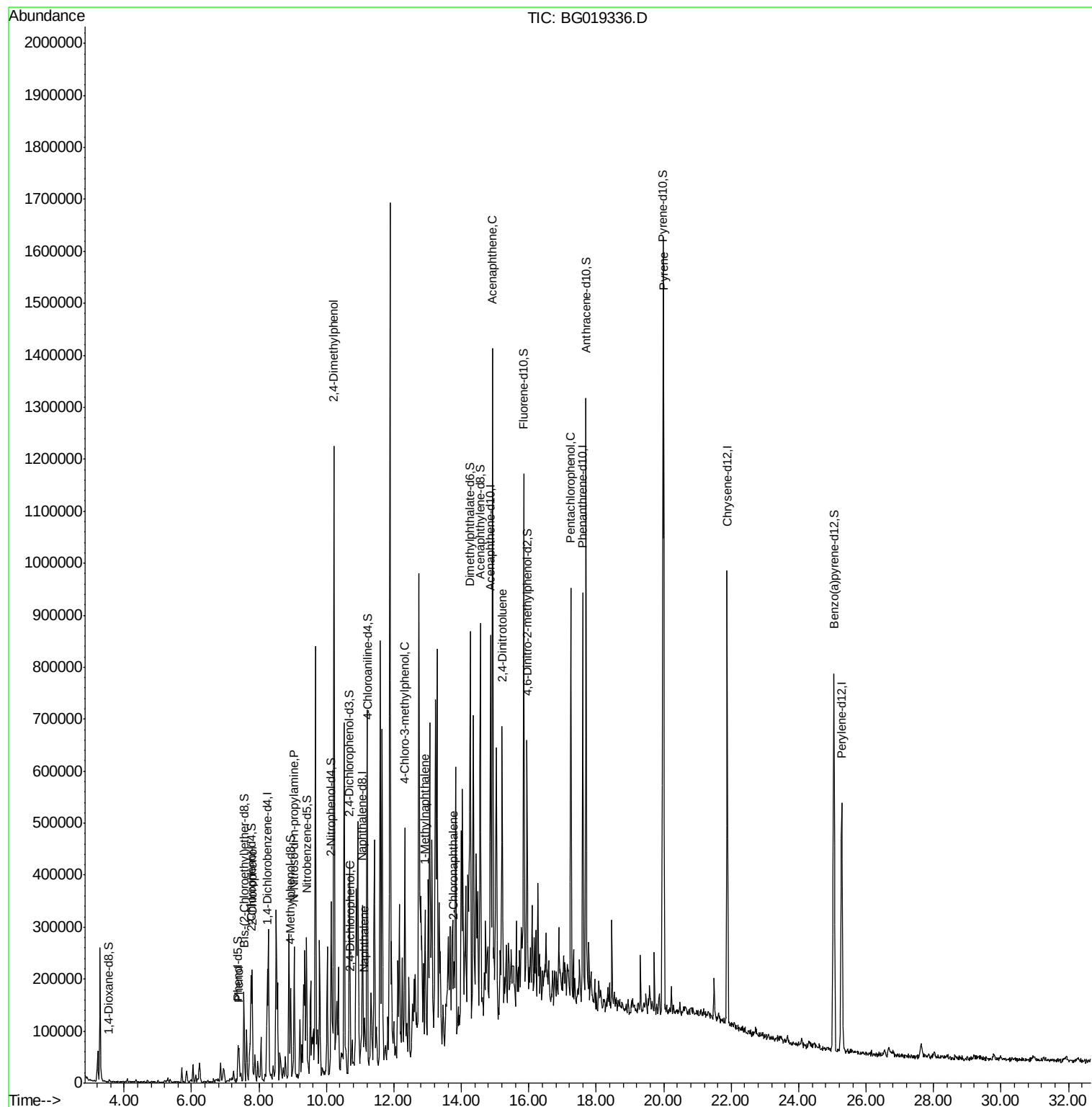
						Qvalue
6) Phenol	7.40	94	34738	7.43	ng/ul	94
10) 2-Chlorophenol	7.80	128	76647	26.26	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.04	70	121636	33.97	ng/ul#	86
24) 2,4-Dimethylphenol	10.22	107	458594	88.40	ng/ul	95
27) 2,4-Dichlorophenol	10.71	162	5580	1.43	ng/ul#	38
28) Naphthalene	11.12	128	21981	2.08	ng/ul	96
33) 4-Chloro-3-methylphenol	12.32	107	145512	28.89	ng/ul	96
35) 1-Methylnaphthalene	12.93	142	10851	1.32	ng/ul#	69
42) 2-Chloronaphthalene	13.77	162	24278	2.51	ng/ul#	55
50) Acenaphthene	14.92	153	320950	30.22	ng/ul	99
55) 2,4-Dinitrotoluene	15.21	165	133943	30.64	ng/ul#	88
69) Pentachlorophenol	17.24	266	136219	32.62	ng/ul	99
80) Pyrene	20.00	202	941297	29.00	ng/ul#	95

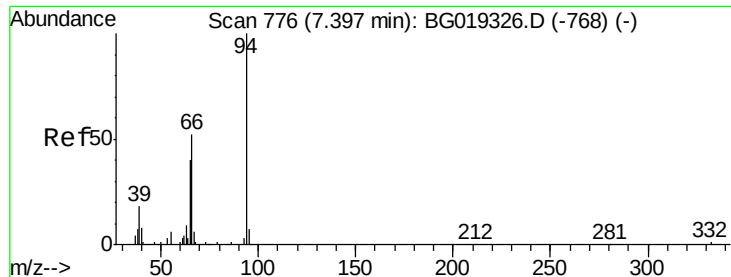
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.43 ng/ul

RT: 7.40 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG019336.D

Acq: 24 Oct 2015 14:51

Instrument :

BNA_G

ClientSampleId :

E5LQ0MSD

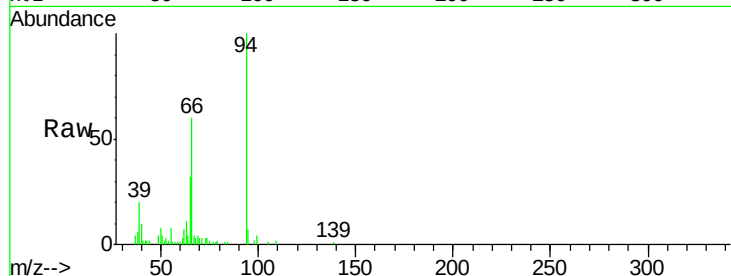
Tgt Ion: 94 Resp: 34738

Ion Ratio Lower Upper

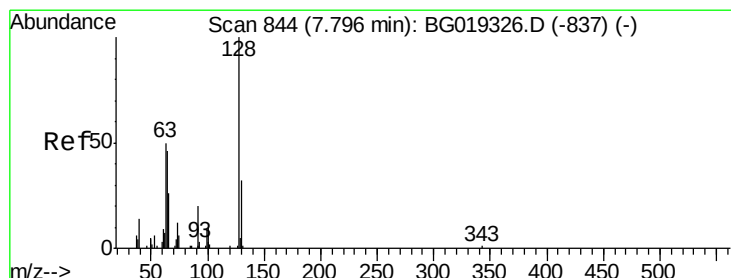
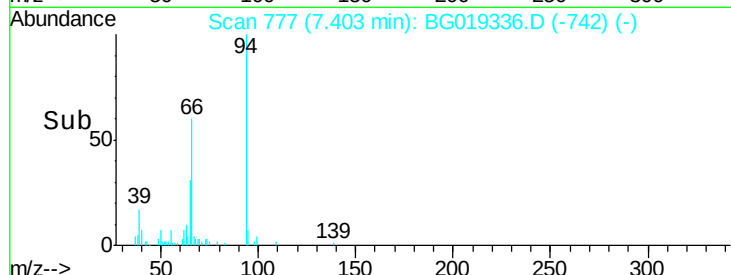
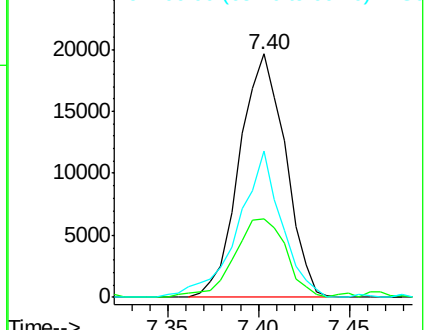
94 100

65 32.4 29.3 43.9

66 60.1 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: 26.26 ng/ul

RT: 7.80 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG019336.D

Acq: 24 Oct 2015 14:51

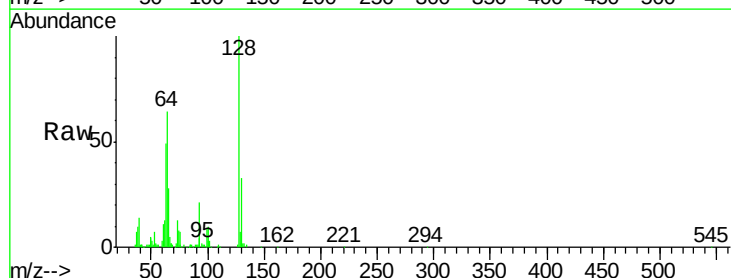
Tgt Ion: 128 Resp: 76647

Ion Ratio Lower Upper

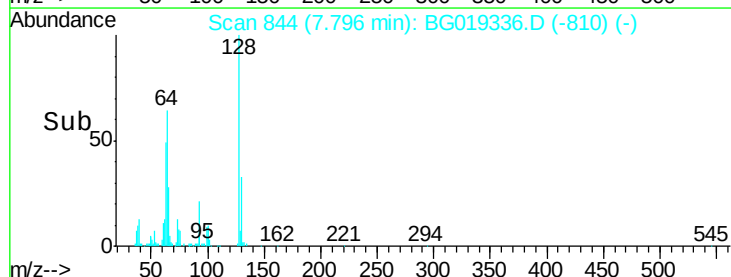
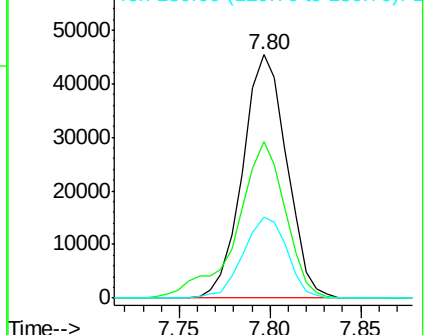
128 100

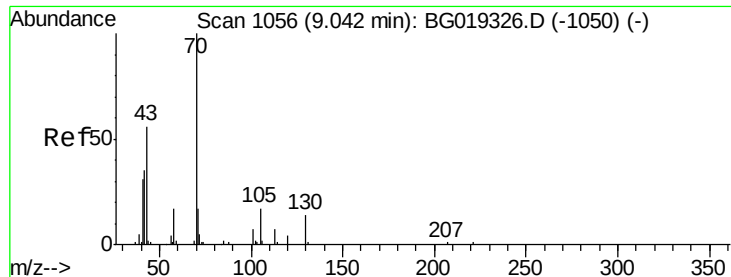
64 64.2 53.2 79.8

130 33.2 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

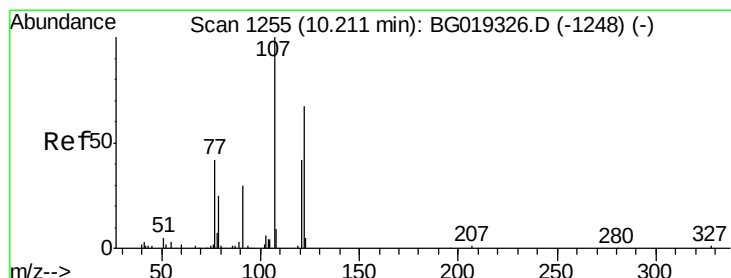
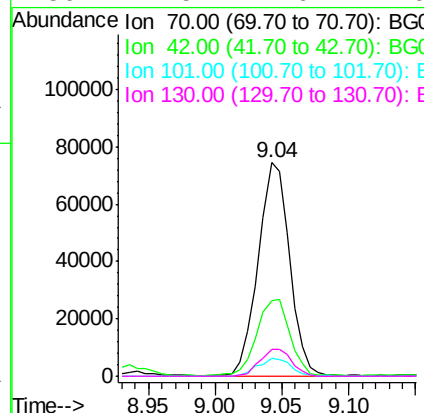
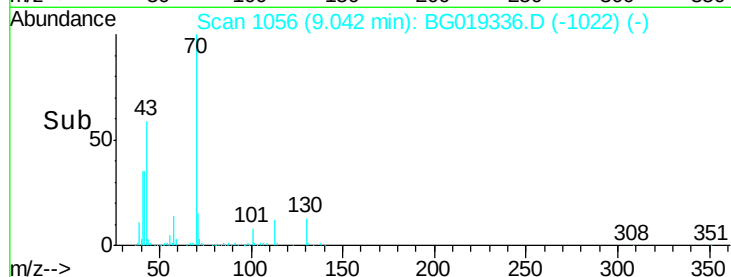
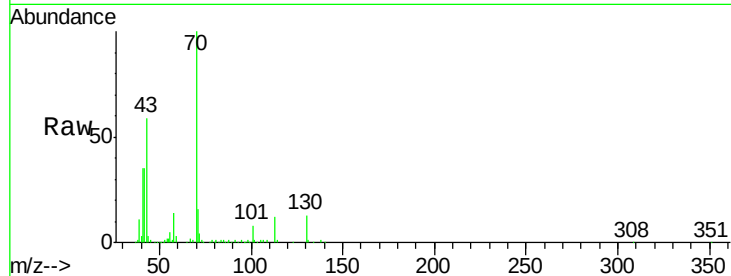




#15
N-Nitroso-di-n-propylamine
Concen: 33.97 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG019336.D
Acq: 24 Oct 2015 14:51

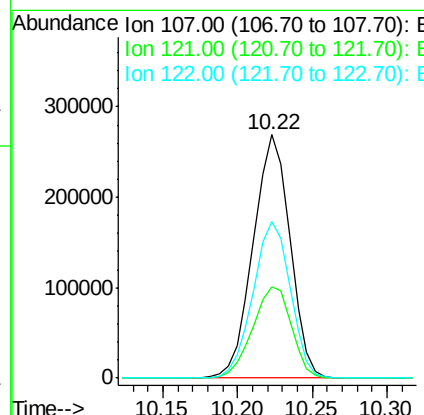
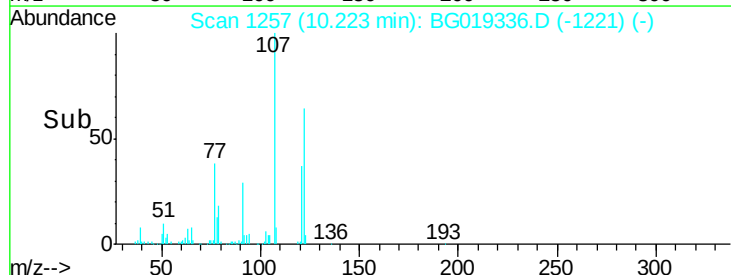
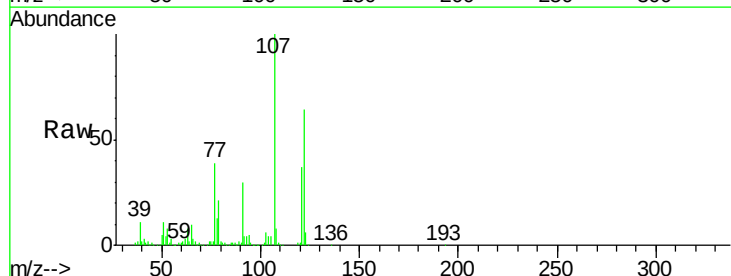
Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

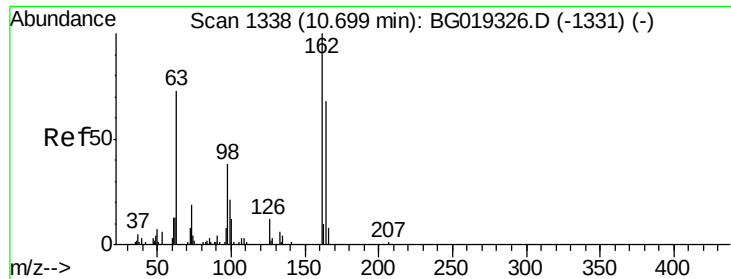
Tgt Ion:	70	Resp:	121636
Ion	Ratio	Lower	Upper
70	100		
42	35.4	36.6	55.0#
101	8.1	5.8	8.8
130	12.5	14.6	22.0#



#24
2,4-Dimethylphenol
Concen: 88.40 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG019336.D
Acq: 24 Oct 2015 14:51

Tgt Ion:	107	Resp:	458594
Ion	Ratio	Lower	Upper
107	100		
121	37.4	33.0	49.4
122	64.3	54.2	81.2

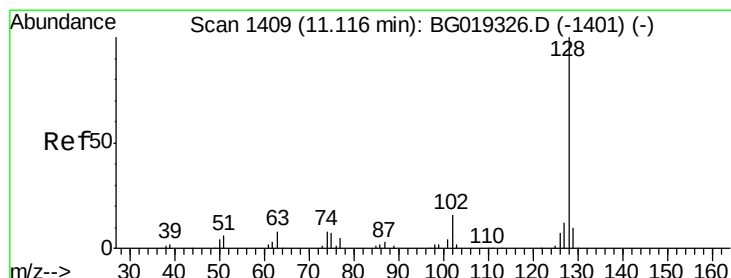
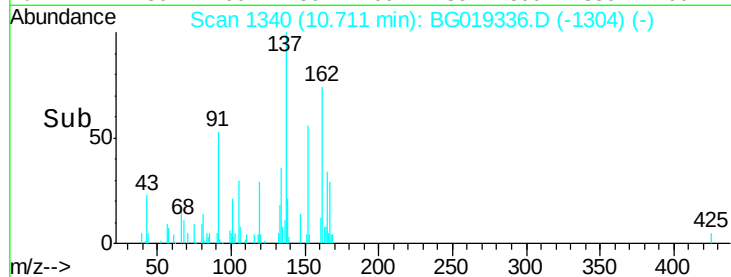
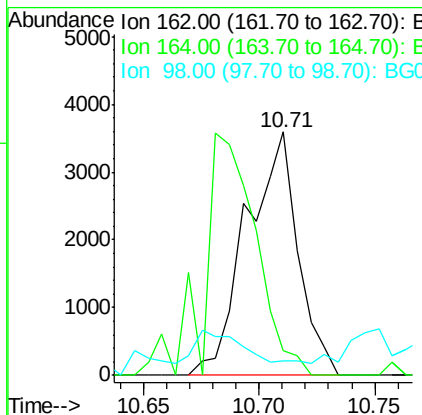
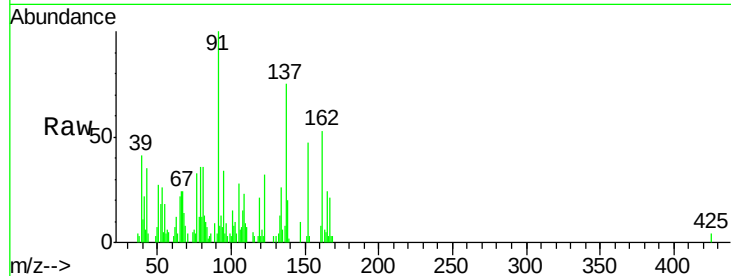




#27
 2,4-Dichlorophenol
 Concen: 1.43 ng/ul
 RT: 10.71 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

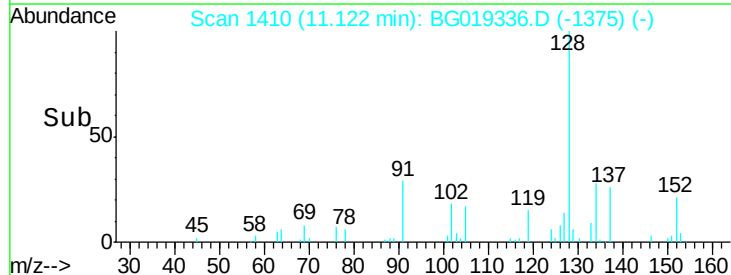
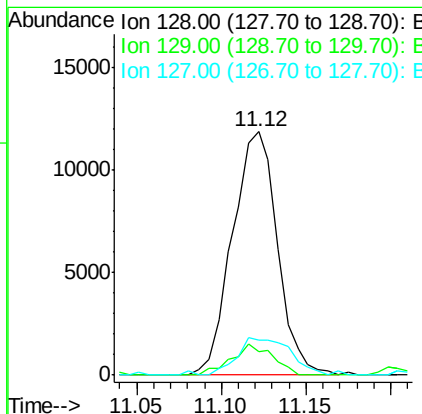
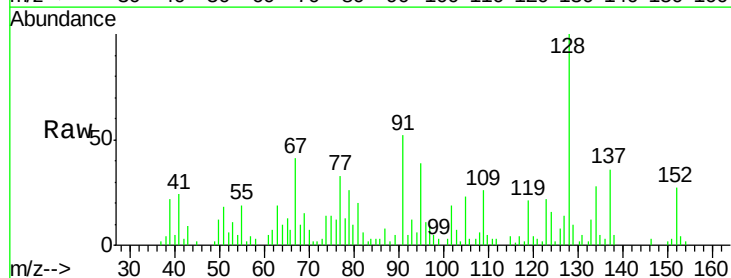
Instrument :
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 ClientSampleId :
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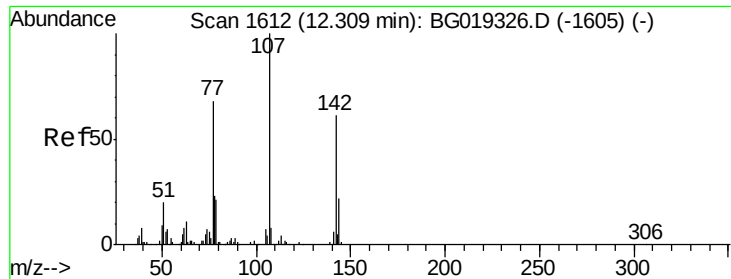
Tgt Ion:162 Resp: 5580
 Ion Ratio Lower Upper
 162 100
 164 10.3 52.1 78.1#
 98 6.1 26.9 40.3#



#28
 Naphthalene
 Concen: 2.08 ng/ul
 RT: 11.12 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

Tgt Ion:128 Resp: 21981
 Ion Ratio Lower Upper
 128 100
 129 9.9 8.9 13.3
 127 14.5 13.1 19.7

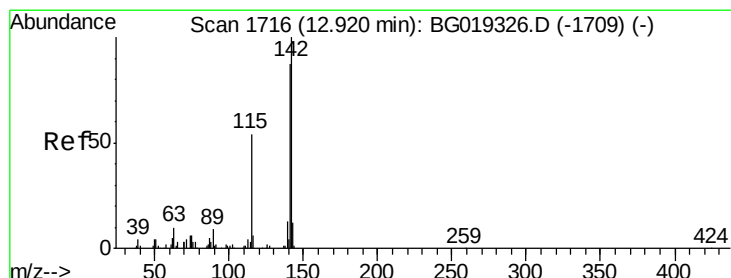
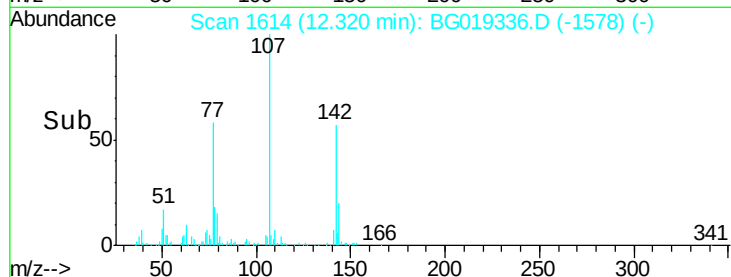
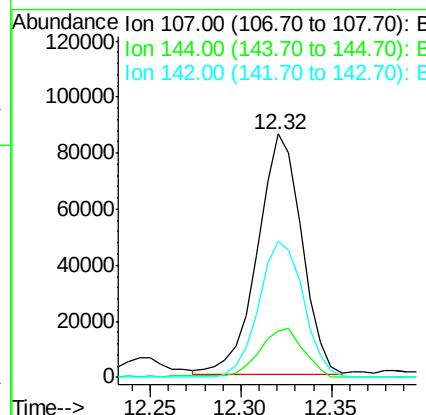
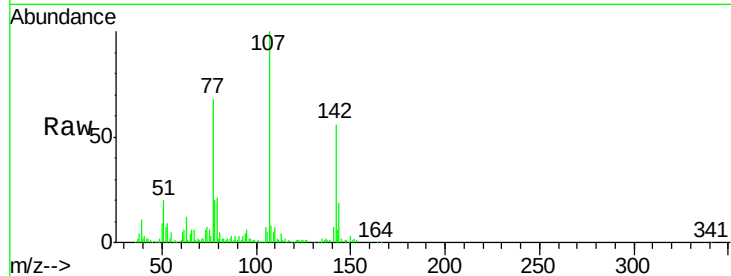




#33
 4-Chloro-3-methylphenol
 Concen: 28.89 ng/ul
 RT: 12.32 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

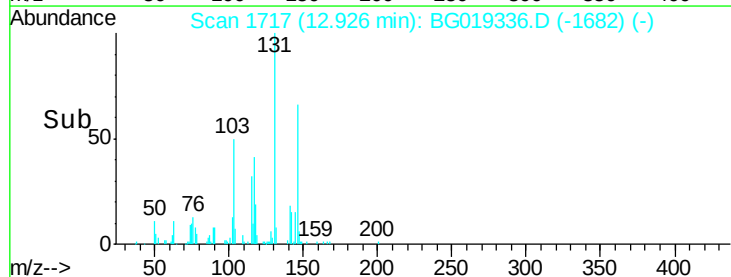
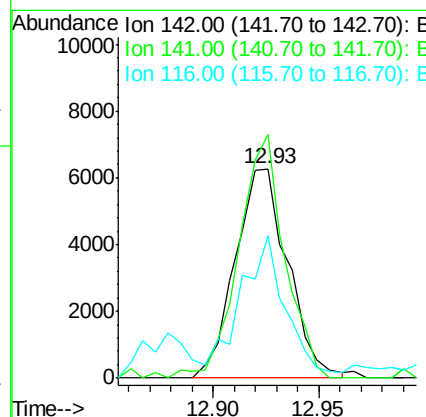
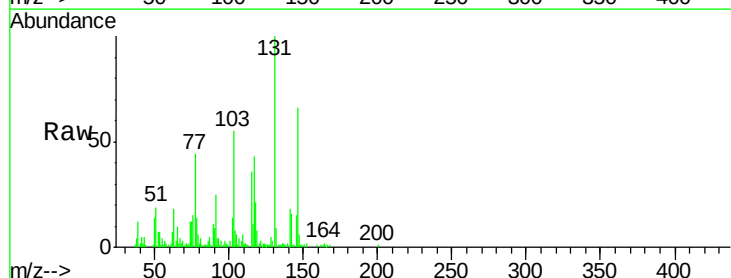
Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

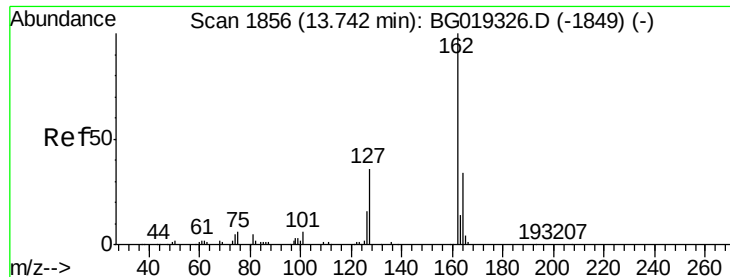
Tgt Ion:107 Resp: 145512
 Ion Ratio Lower Upper
 107 100
 144 19.2 13.0 19.6
 142 56.1 47.0 70.6



#35
 1-Methylnaphthalene
 Concen: 1.32 ng/ul
 RT: 12.93 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

Tgt Ion:142 Resp: 10851
 Ion Ratio Lower Upper
 142 100
 141 116.2 76.5 114.7#
 116 68.1 5.4 8.0#

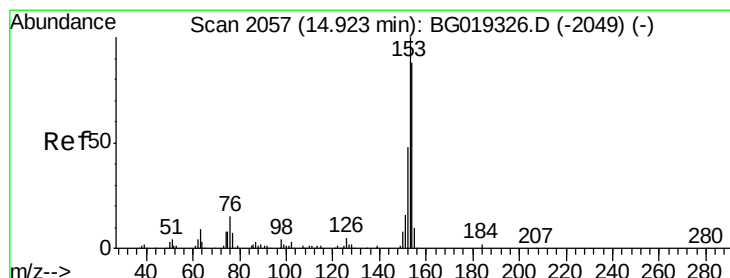
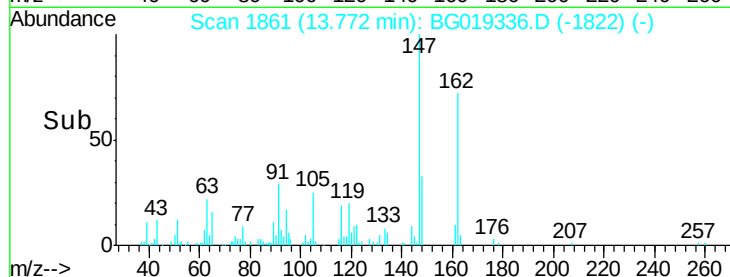
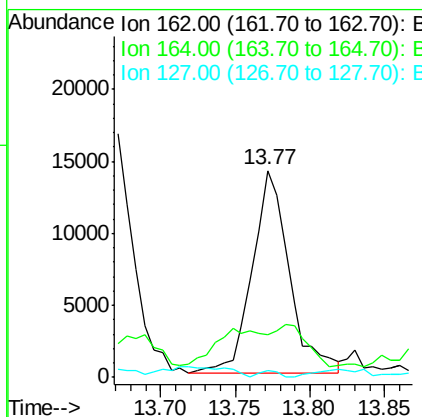
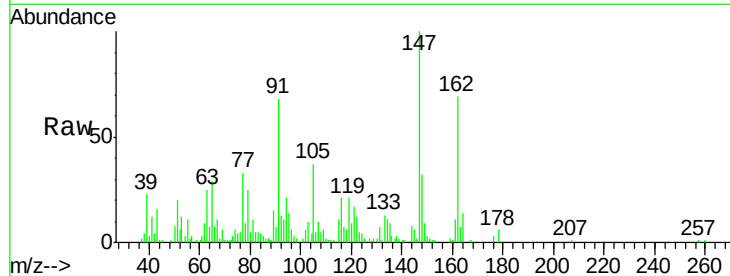




#42
 2-Chloronaphthalene
 Concen: 2.51 ng/ul
 RT: 13.77 min Scan# 1861
 Delta R.T. 0.03 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

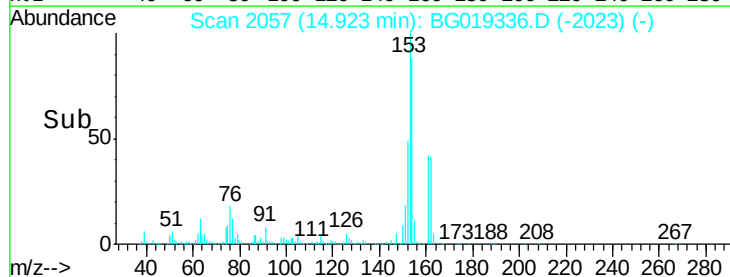
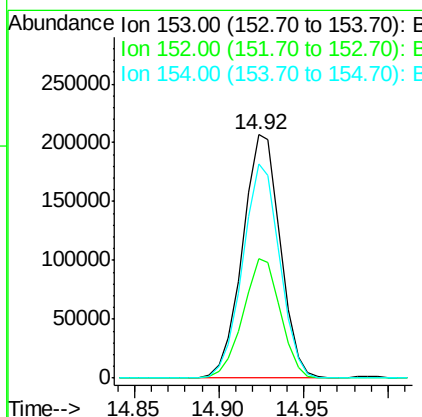
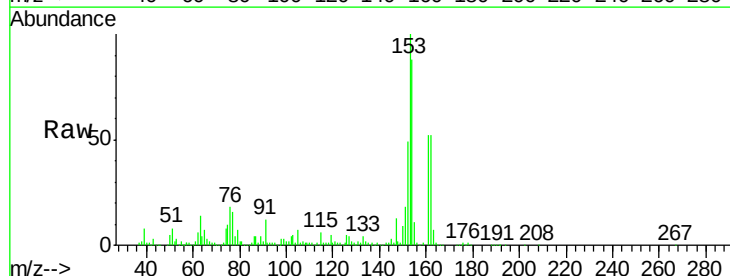
Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

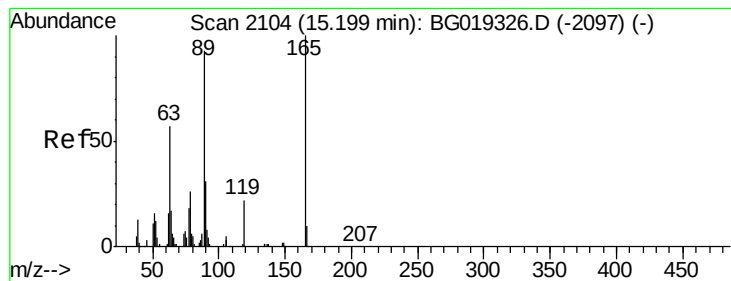
Tgt Ion:162 Resp: 24278
 Ion Ratio Lower Upper
 162 100
 164 20.5 30.1 45.1#
 127 3.6 32.8 49.2#



#50
 Acenaphthene
 Concen: 30.22 ng/ul
 RT: 14.92 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

Tgt Ion:153 Resp: 320950
 Ion Ratio Lower Upper
 153 100
 152 49.3 38.8 58.2
 154 87.9 71.5 107.3





#55

2,4-Dinitrotoluene

Concen: 30.64 ng/ul

RT: 15.21 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BG019336.D

Acq: 24 Oct 2015 14:51

Instrument :

BNA_G

ClientSampleId :

E5LQ0MSD

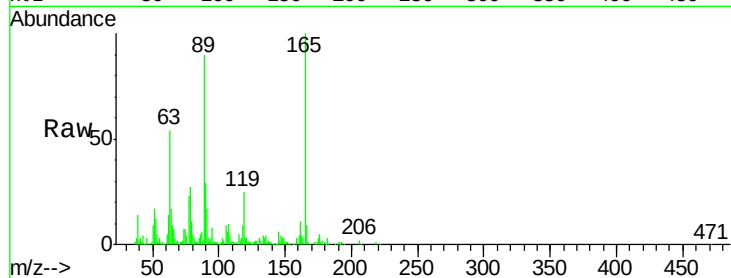
Tgt Ion:165 Resp: 133943

Ion Ratio Lower Upper

165 100

63 53.7 51.1 76.7

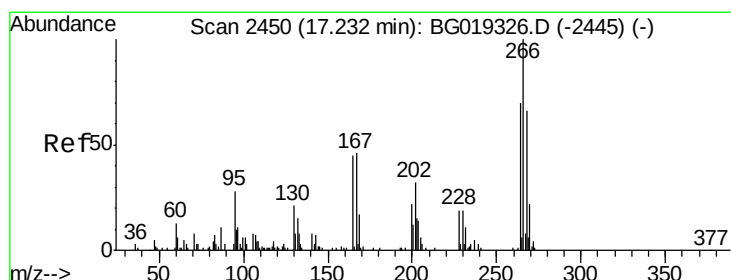
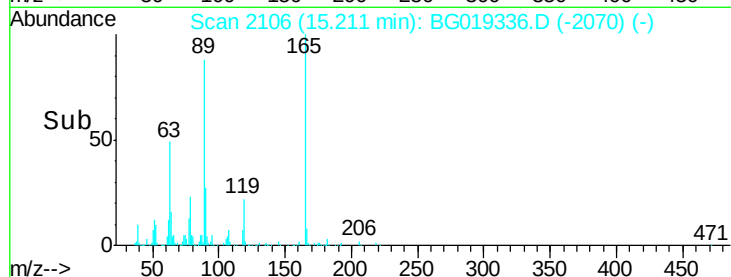
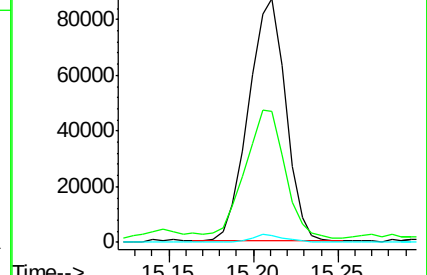
182 2.9 3.3 4.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 32.62 ng/ul

RT: 17.24 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BG019336.D

Acq: 24 Oct 2015 14:51

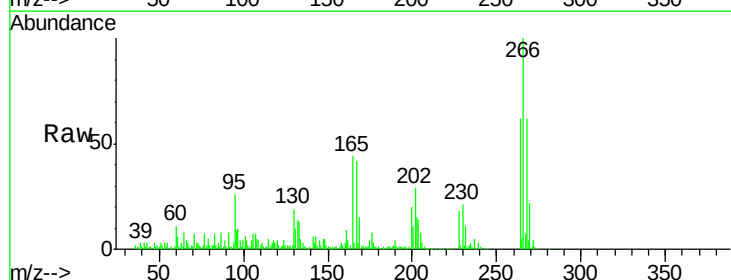
Tgt Ion:266 Resp: 136219

Ion Ratio Lower Upper

266 100

264 61.6 49.5 74.3

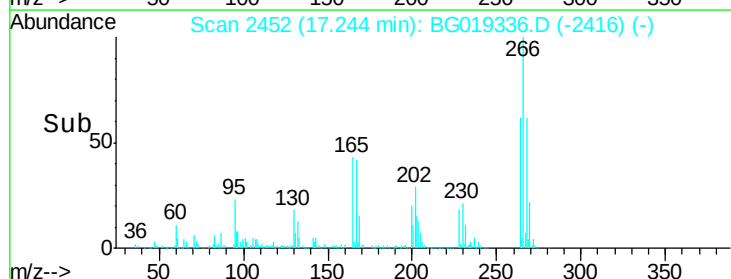
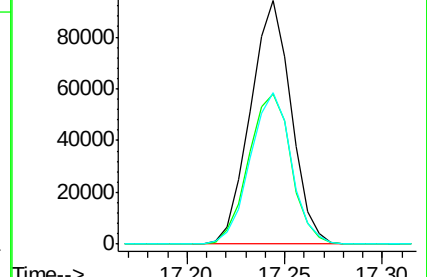
268 62.4 48.7 73.1

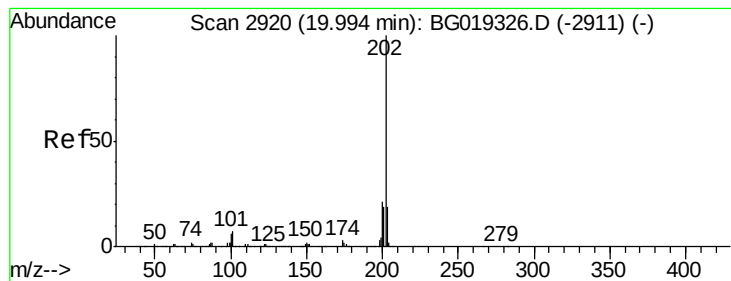


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

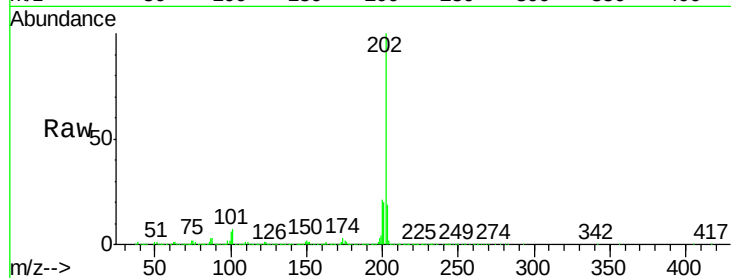




#80
 Pyrene
 Concen: 29.00 ng/ul
 RT: 20.00 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BG019336.D
 Acq: 24 Oct 2015 14:51

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.3	6.5#
100	6.5	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

