

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019335.D
 Acq On : 24 Oct 2015 14:14
 Operator : UM/NP
 Sample : G4057-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MS

Quant Time: Oct 25 03:21:04 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	47602	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	195622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	159535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	444777	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	559692	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	529436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	2229	2.60	ng/uL	0.00
5) Phenol-d5	7.37	99	28912	6.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	78676	31.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	67129	24.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	54791	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	44513	29.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	52649	31.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	110398	29.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	4581	1.25	ng/ul	0.02
44) Dimethylphthalate-d6	14.26	166	401432	30.35	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	450058	30.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	16017	7.45	ng/ul	0.02
58) Fluorene-d10	15.85	176	392946	31.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	95382	32.58	ng/ul	0.00
71) Anthracene-d10	17.70	188	624991	30.69	ng/ul	0.00
79) Pyrene-d10	19.97	212	749472	30.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	839897	31.10	ng/ul	0.01

Target Compounds

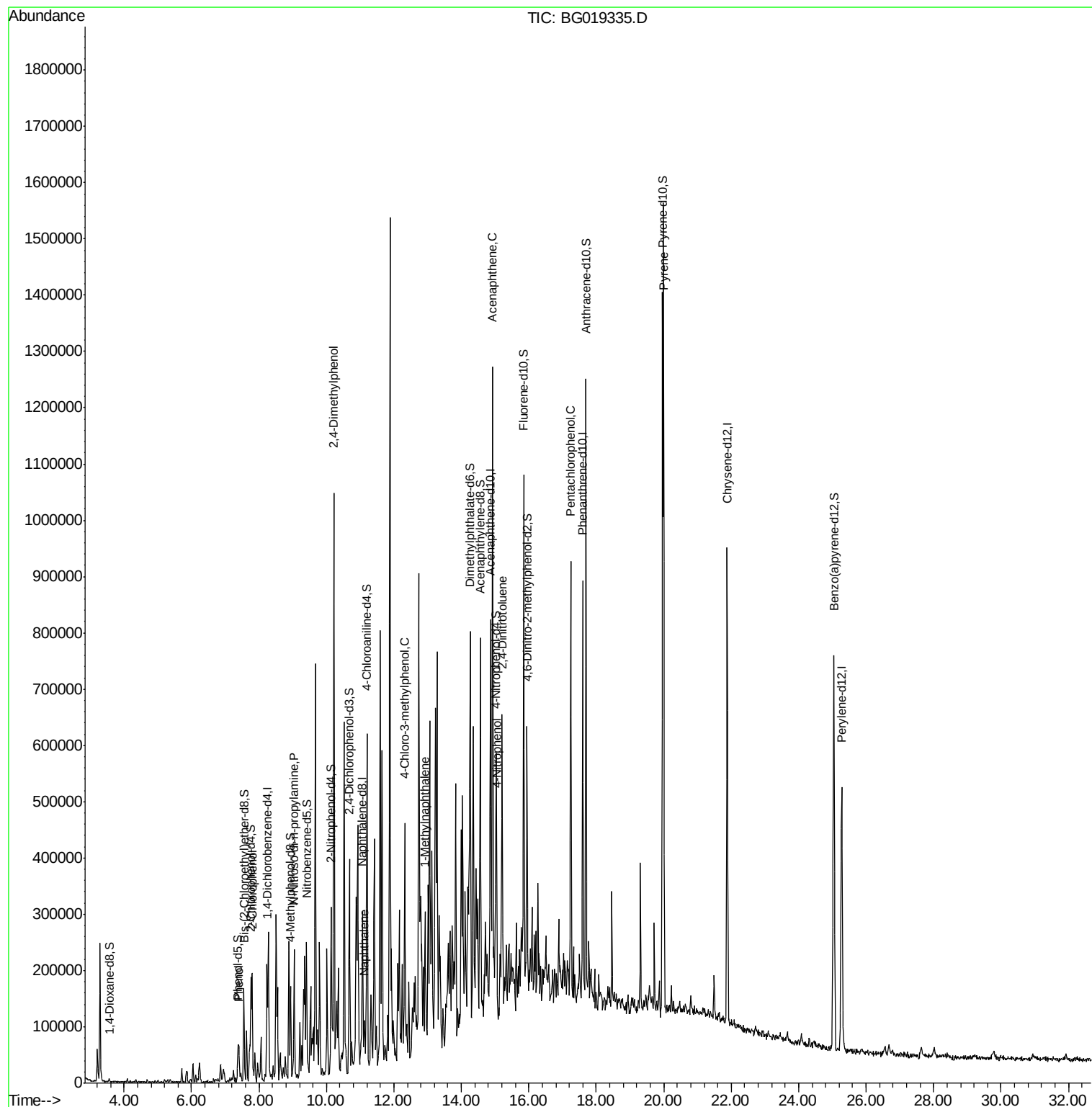
						Ovalue
6) Phenol	7.40	94	31781	7.22	ng/ul	94
10) 2-Chlorophenol	7.80	128	69569	25.31	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.04	70	109758	32.55	ng/ul#	89
24) 2,4-Dimethylphenol	10.22	107	407945	85.32	ng/ul	95
28) Naphthalene	11.12	128	19707	2.02	ng/ul	97
33) 4-Chloro-3-methylphenol	12.32	107	133796	28.82	ng/ul	96
35) 1-Methylnaphthalene	12.92	142	10167	1.35	ng/ul#	72
50) Acenaphthene	14.92	153	286979	28.92	ng/ul	98
53) 4-Nitrophenol	15.05	109	22622	6.38	ng/ul	86
55) 2,4-Dinitrotoluene	15.21	165	125797	30.79	ng/ul#	89
69) Pentachlorophenol	17.24	266	128970	31.68	ng/ul	97
80) Pyrene	20.00	202	895458	28.54	ng/ul#	94

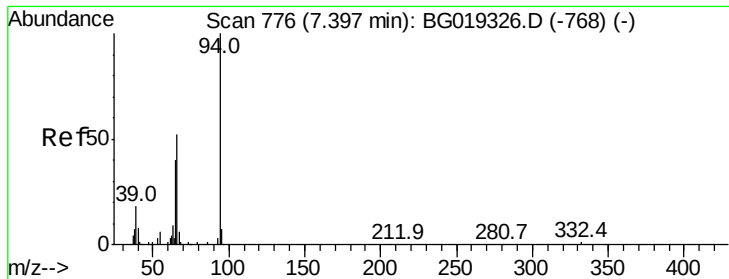
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.22 ng/ul

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG019335.D

Acq: 24 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

E5LQ0MS

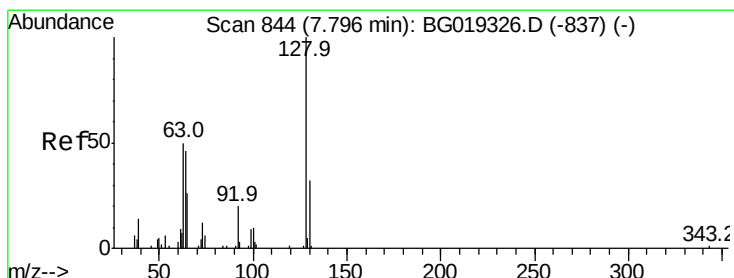
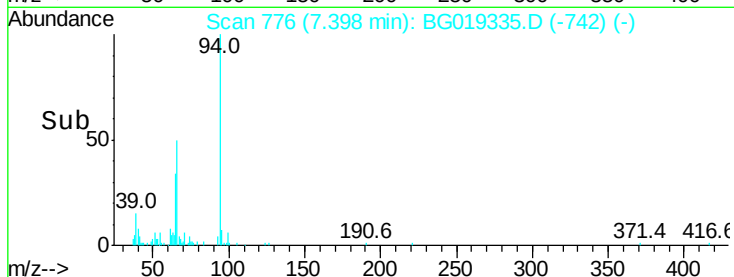
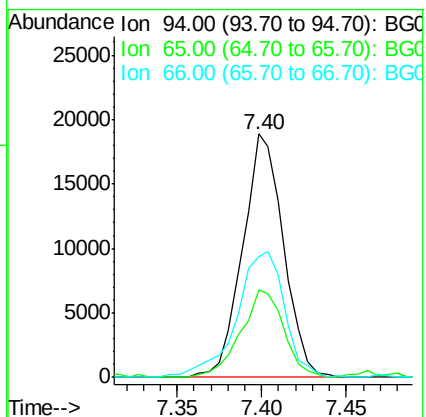
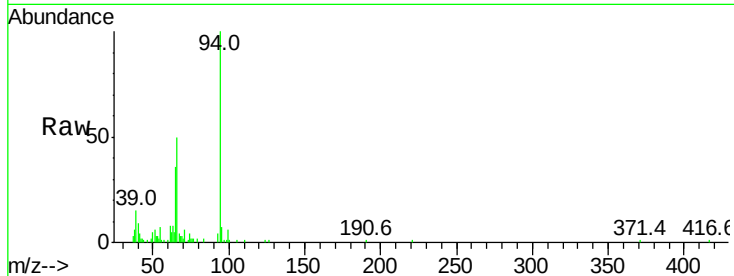
Tot Ion: 94 Resp: 31781

Ion Ratio Lower Upper

94 100

65 36.2 29.3 43.9

66 49.7 45.0 67.6



#10

2-Chlorophenol

Concen: 25.31 ng/ul

RT: 7.80 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG019335.D

Acq: 24 Oct 2015 14:14

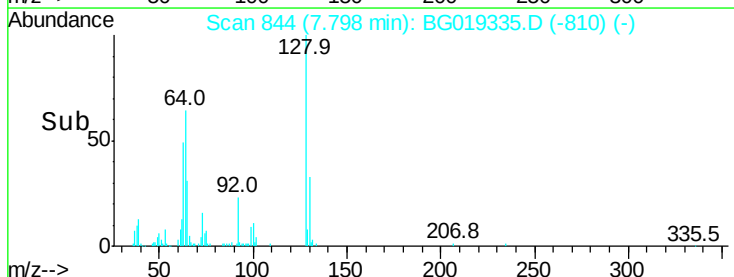
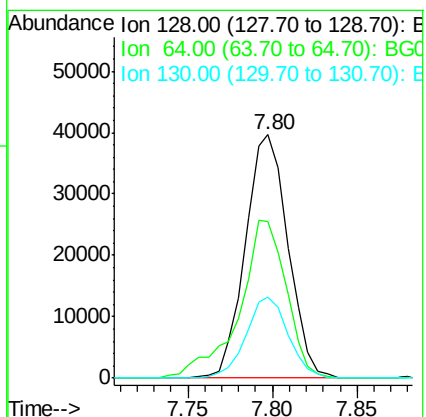
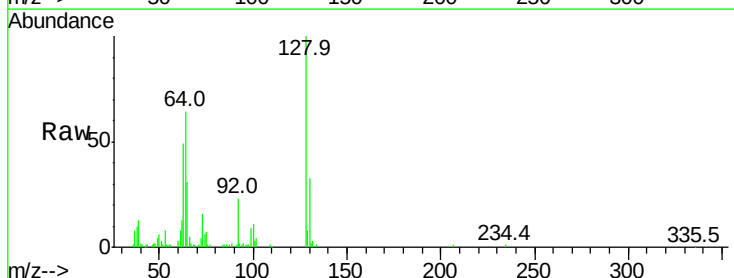
Tgt Ion:128 Resp: 69569

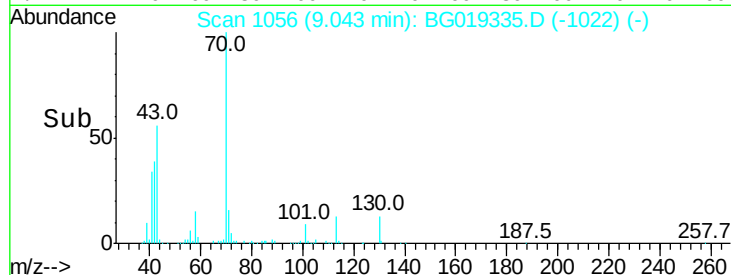
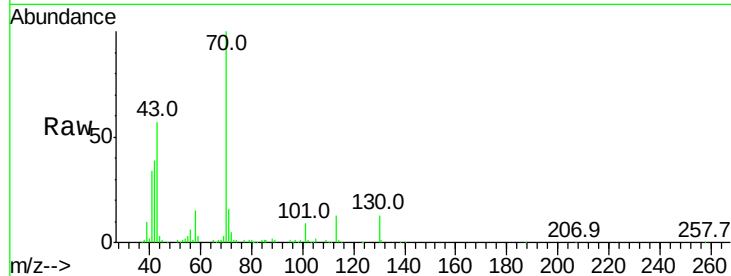
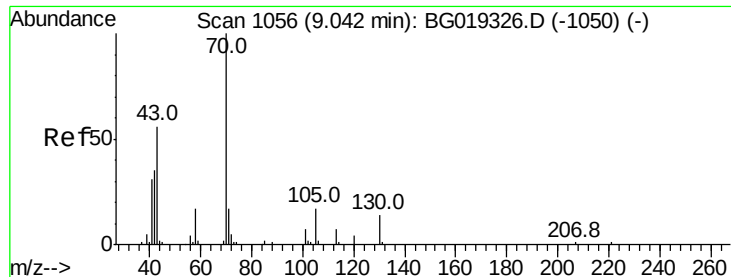
Ion Ratio Lower Upper

128 100

64 64.2 53.2 79.8

130 33.3 25.9 38.9

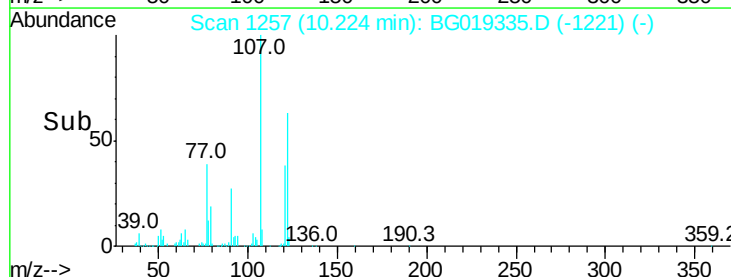
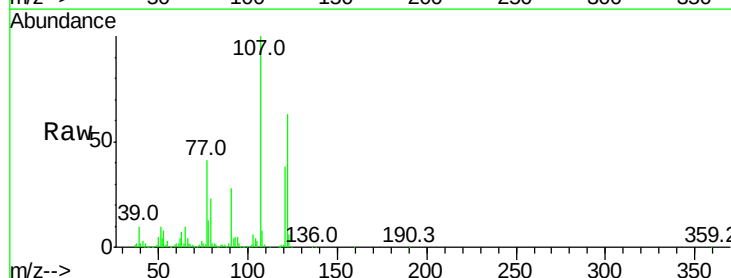
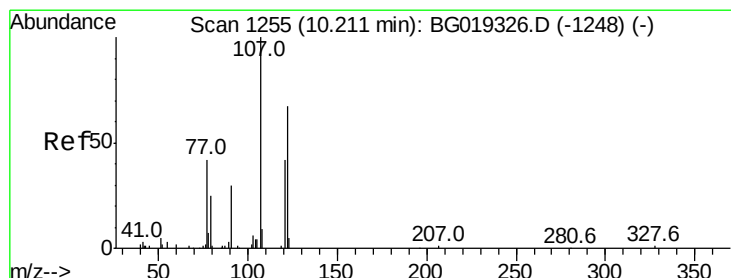
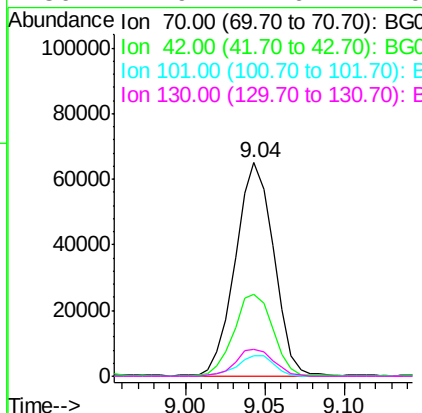




#15
N-Nitroso-di-n-propylamine
Concen: 32.55 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

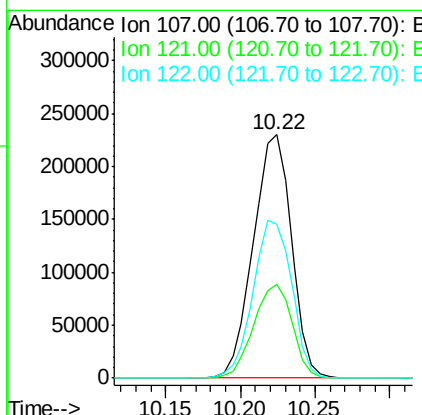
Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

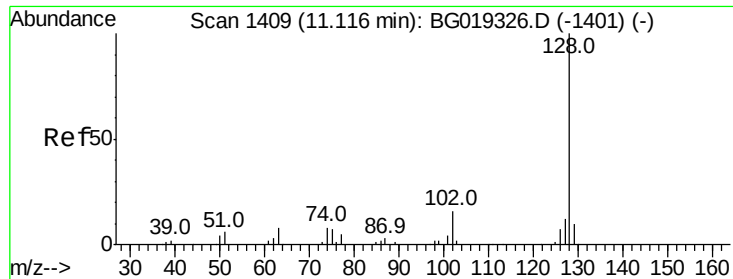
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.7	36.6	55.0
101	9.4	5.8	8.8
130	12.9	14.6	22.0



#24
2,4-Dimethylphenol
Concen: 85.32 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion	Ratio	Lower	Upper
107	100		
121	38.4	33.0	49.4
122	63.1	54.2	81.2

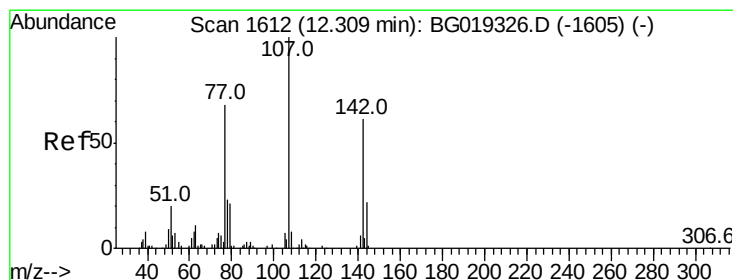
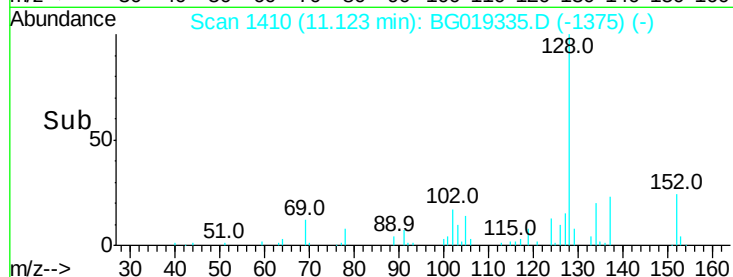
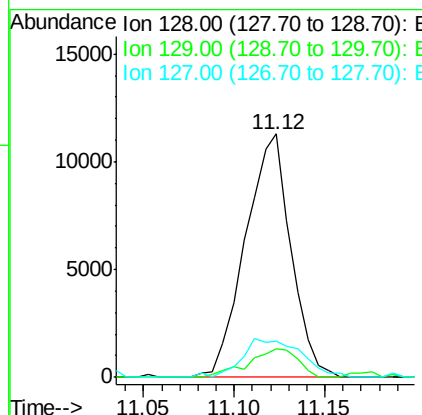
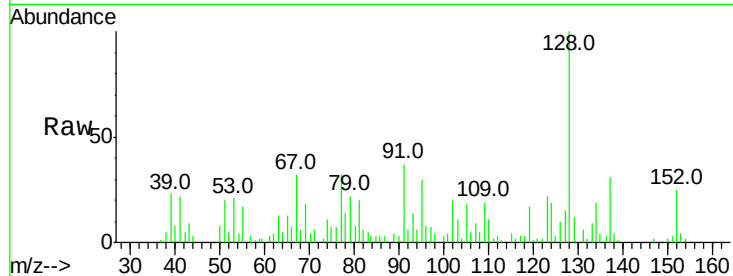




#28
Naphthalene
Concen: 2.02 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

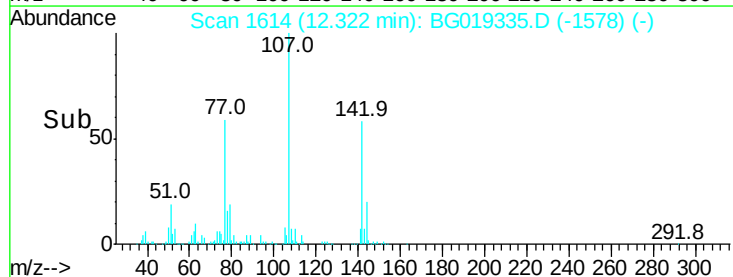
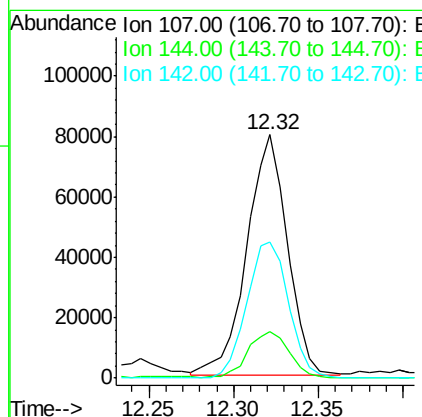
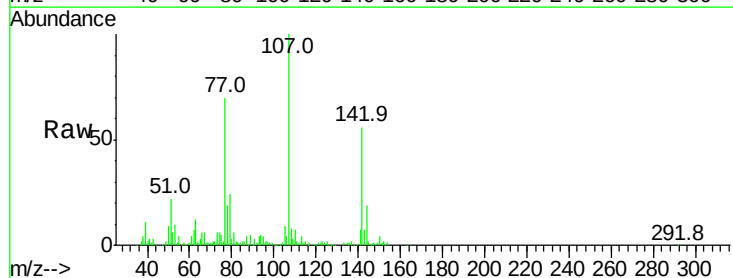
Instrument :
BNA_G
ClientSampleId :
E5LQ0MS

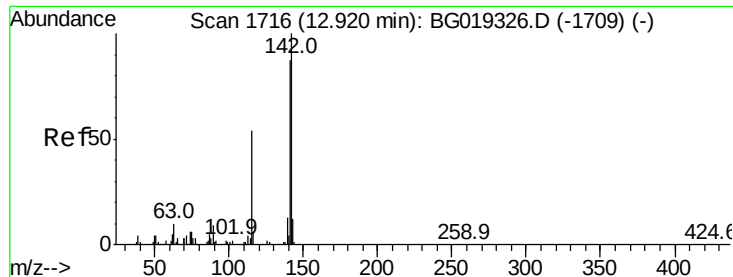
Tot Ion:128 Resp: 19707
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 14.9 13.1 19.7



#33
4-Chloro-3-methylphenol
Concen: 28.82 ng/ul
RT: 12.32 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BG019335.D
Acq: 24 Oct 2015 14:14

Tgt Ion:107 Resp: 133796
Ion Ratio Lower Upper
107 100
144 19.2 13.0 19.6
142 56.0 47.0 70.6





#35

1-Methylnaphthalene

Concen: 1.35 ng/ul

RT: 12.92 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG019335.D

Acq: 24 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

E5LQ0MS

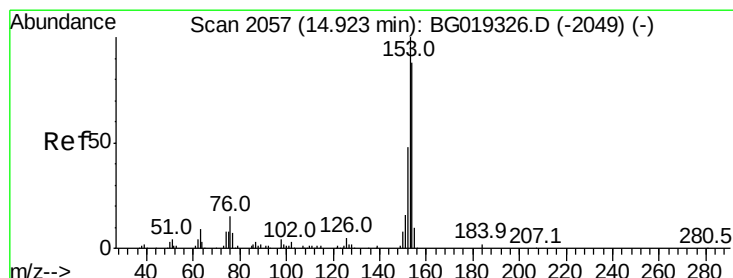
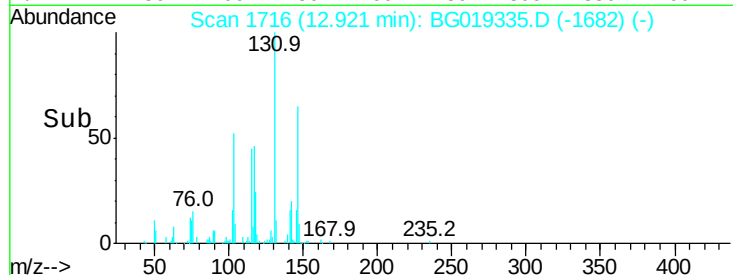
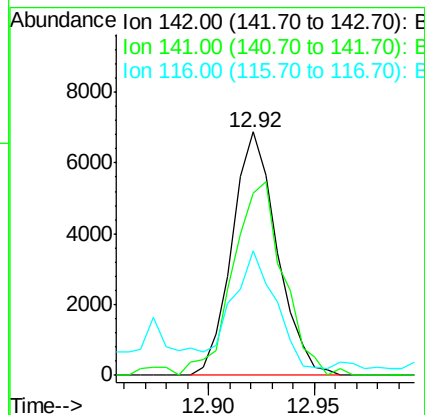
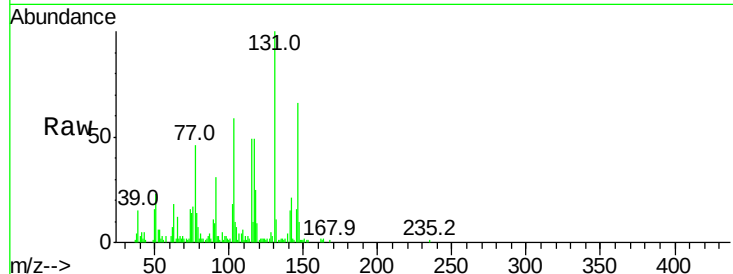
Tot Ion:142 Resp: 10167

Ion Ratio Lower Upper

142 100

141 74.7 76.5 114.7#

116 50.9 5.4 8.0#



#50

Acenaphthene

Concen: 28.92 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG019335.D

Acq: 24 Oct 2015 14:14

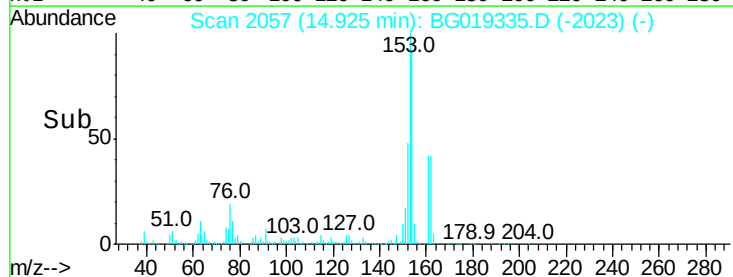
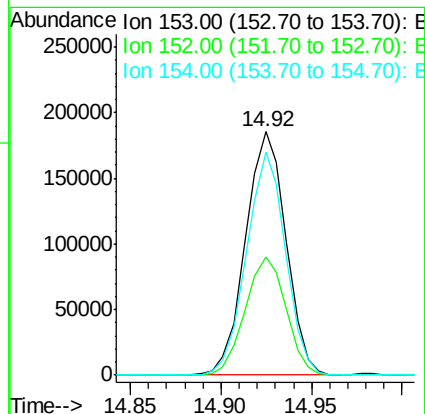
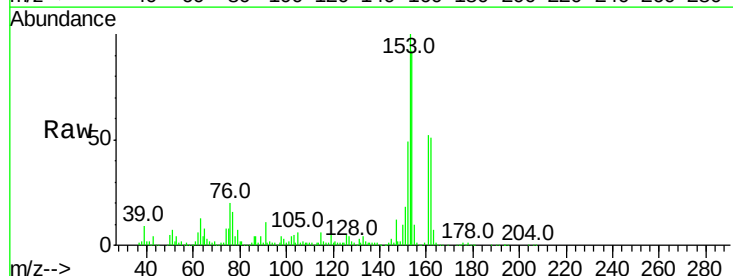
Tgt Ion:153 Resp: 286979

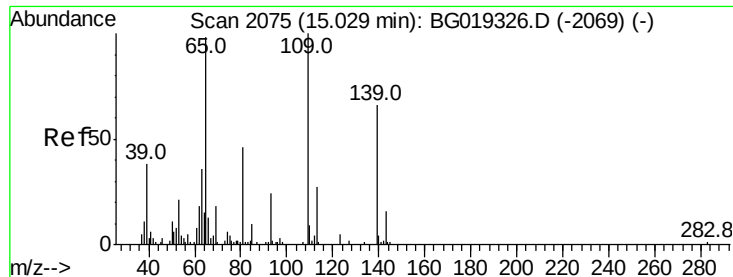
Ion Ratio Lower Upper

153 100

152 48.6 38.8 58.2

154 91.9 71.5 107.3





#53

4-Nitrophenol

Concen: 6.38 ng/ul

RT: 15.05 min Scan# 2079

Delta R.T. 0.02 min

Lab File: BG019335.D

Acq: 24 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

E5LQ0MS

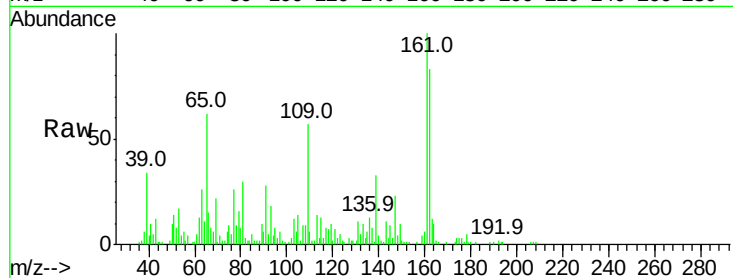
Tot Ion:109 Resp: 22622

Ion Ratio Lower Upper

109 100

139 58.3 41.5 62.3

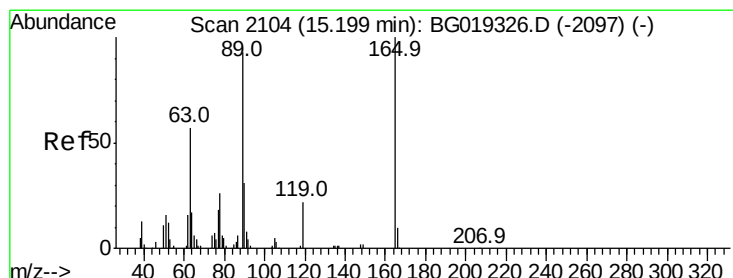
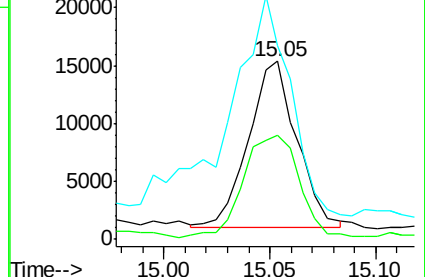
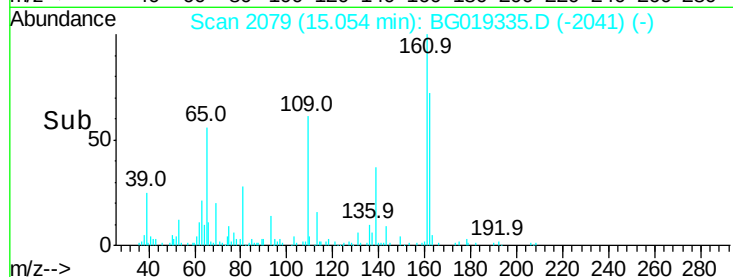
65 108.8 73.7 110.5



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: 30.79 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG019335.D

Acq: 24 Oct 2015 14:14

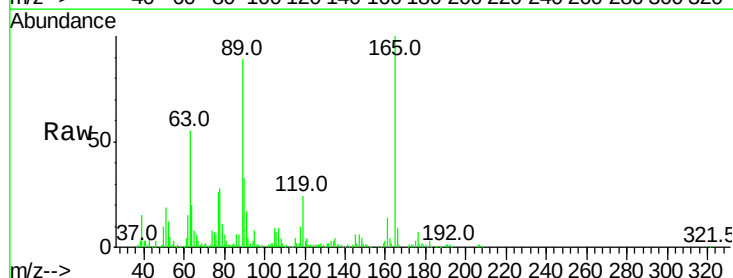
Tgt Ion:165 Resp: 125797

Ion Ratio Lower Upper

165 100

63 54.7 51.1 76.7

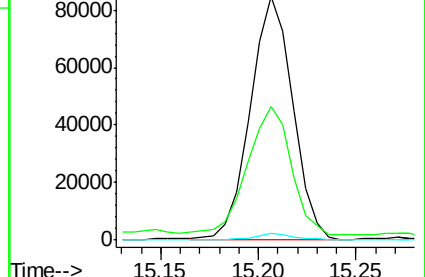
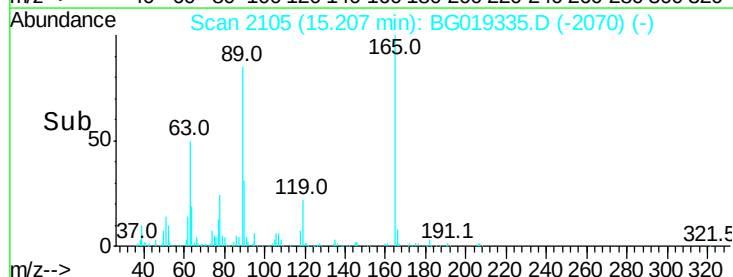
182 3.0 3.3 4.9#

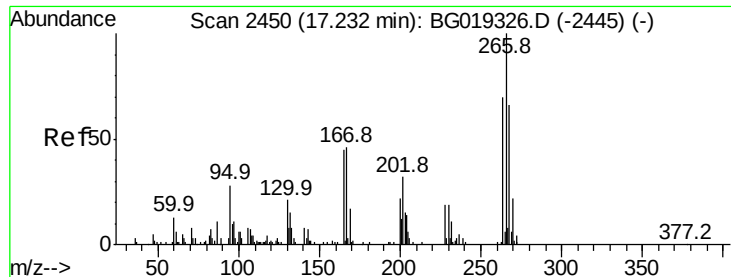


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

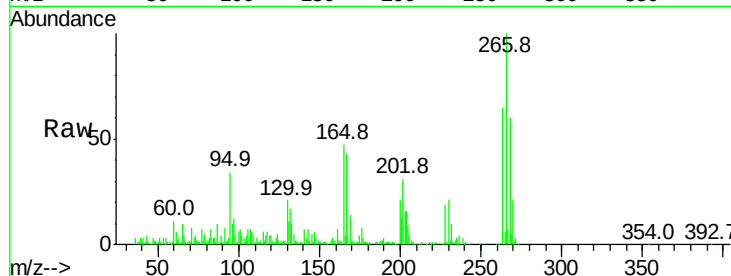




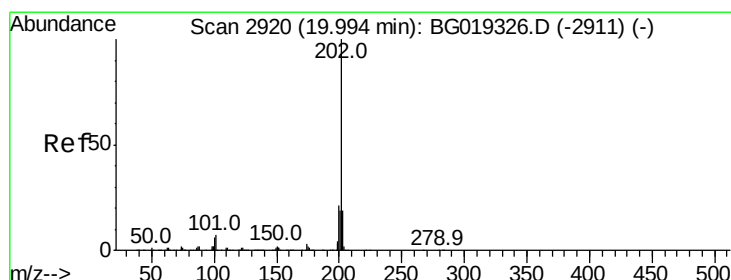
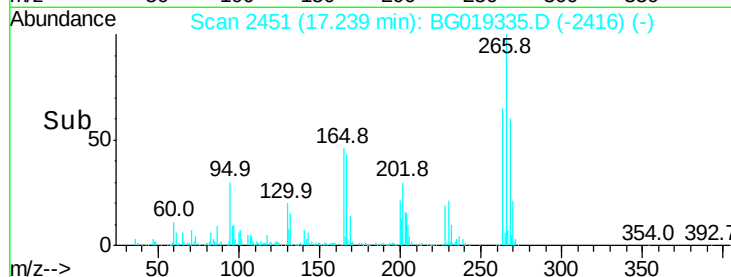
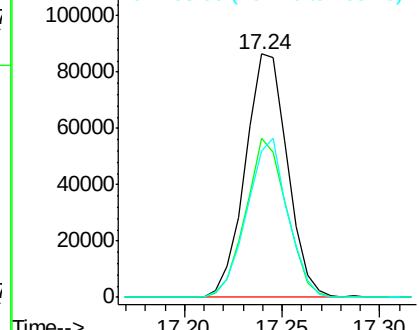
#69
 Pentachlorophenol
 Concen: 31.68 ng/ul
 RT: 17.24 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BG019335.D
 Acq: 24 Oct 2015 14:14

Instrument :
 BNA_G
 ClientSampleId :
 E5LQ0MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.2	49.5	74.3
268	59.9	48.7	73.1

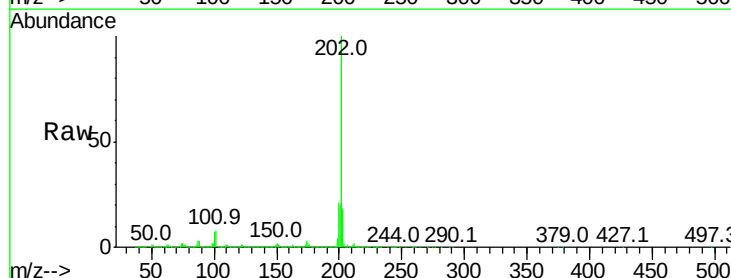


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 28.54 ng/ul
 RT: 20.00 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: BG019335.D
 Acq: 24 Oct 2015 14:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	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

