

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025188.D
 Acq On : 14 Dec 2016 22:56
 Operator : UM/SJ
 Sample : H5938-06MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA826MSD

Quant Time: Dec 15 04:03:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:57:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	69277	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	308423	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	256478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	537918	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	619330	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	623292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4627	3.45	ng/uL	0.00
5) Phenol-d5	7.39	99	131565	22.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	85741	23.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	94949	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	119256	23.88	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	52440	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	62354	22.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	122699	23.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	62510	12.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	411583	23.33	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	481131	24.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	59003	19.46	ng/ul	0.00
57) Fluorene-d10	15.85	176	383644	23.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	69028	20.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	540265	23.80	ng/ul	0.00
76) Pyrene-d10	19.98	212	660663	25.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	651880	25.81	ng/ul	0.00

Target Compounds

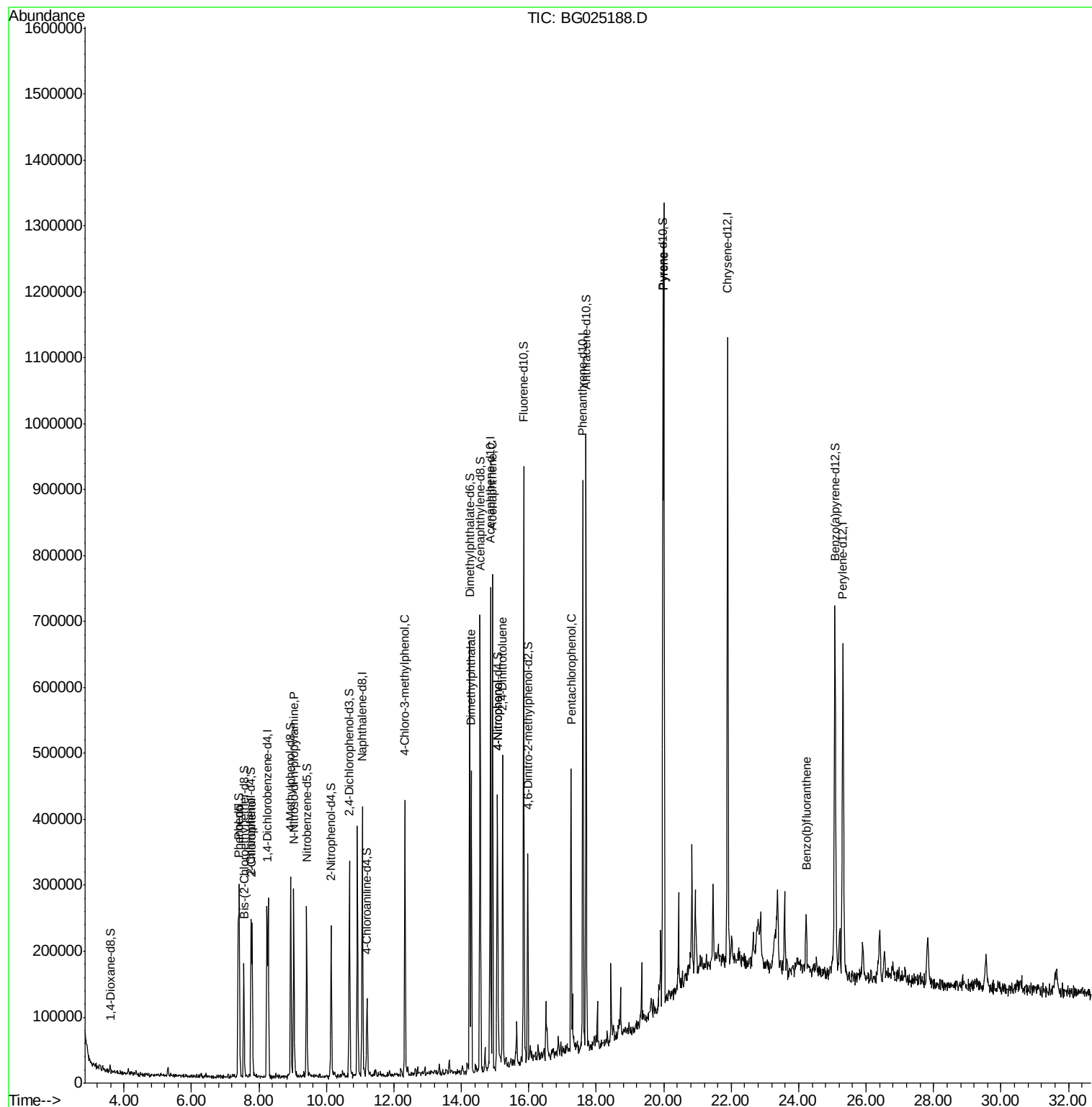
						Ovalue
6) Phenol	7.41	94	139624	22.76	ng/ul	95
10) 2-Chlorophenol	7.79	128	90068	21.44	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.03	70	102036	23.24	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.33	107	146750	23.42	ng/ul	99
44) Dimethylphthalate	14.30	163	262212	15.12	ng/ul#	98
49) Acenaphthene	14.92	153	318477	24.75	ng/ul	99
52) 4-Nitrophenol	15.08	109	69975	19.19	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	128407	22.87	ng/ul#	89
68) Pentachlorophenol	17.24	266	84158	20.49	ng/ul	91
77) Pyrene	20.01	202	785130	26.37	ng/ul	98
85) Benzo(b)fluoranthene	24.22	252	34092	1.10	ng/ul	93

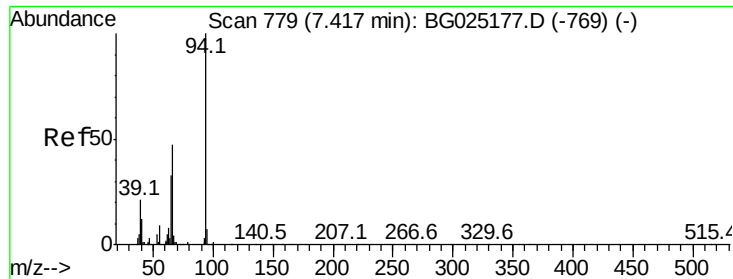
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 22.76 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG025188.D

Acq: 14 Dec 2016 22:56

Instrument :

BNA_G

ClientSampleId :

DA826MSD

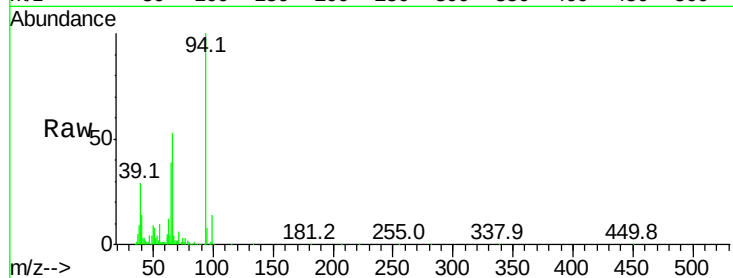
Tot Ion: 94 Resp: 139624

Ion Ratio Lower Upper

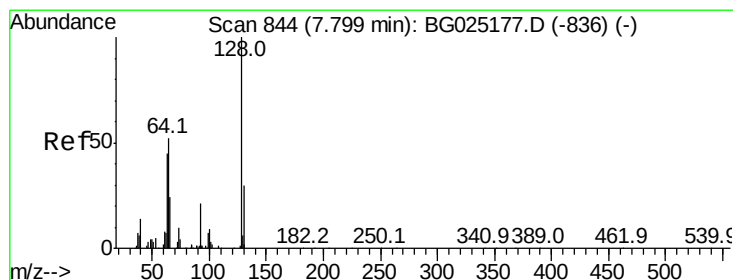
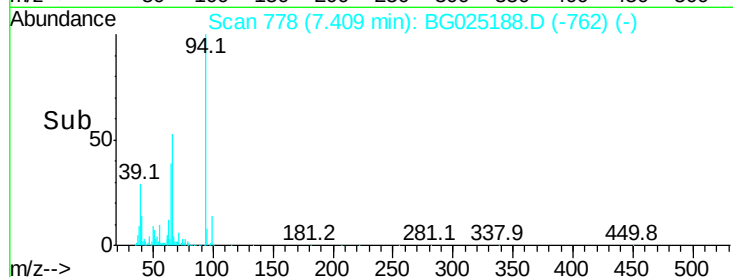
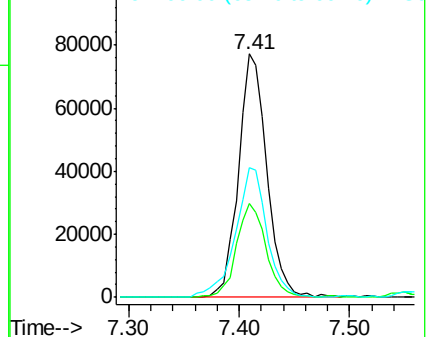
94 100

65 38.6 26.8 40.2

66 53.4 44.4 66.6



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: 21.44 ng/ul

RT: 7.79 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG025188.D

Acq: 14 Dec 2016 22:56

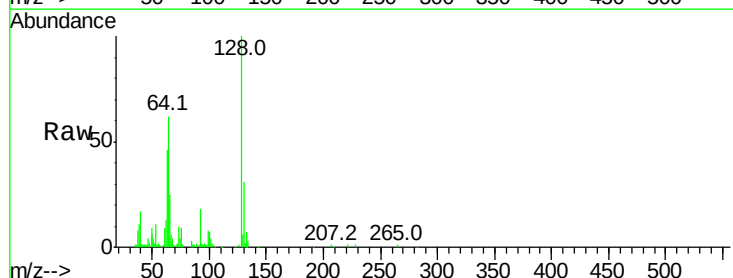
Tgt Ion: 128 Resp: 90068

Ion Ratio Lower Upper

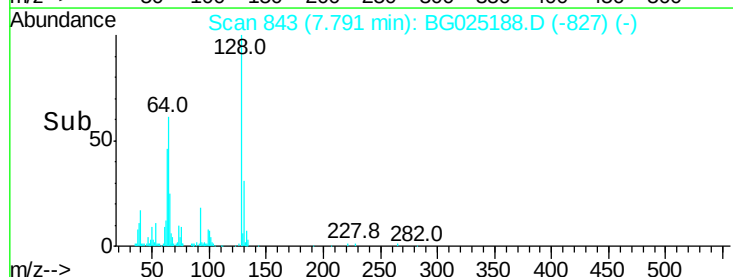
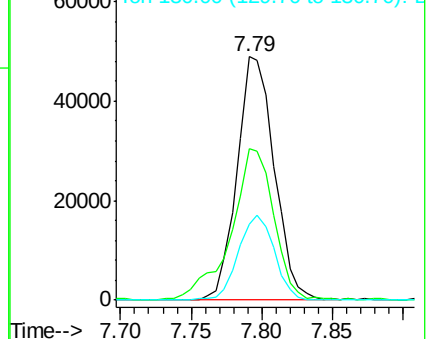
128 100

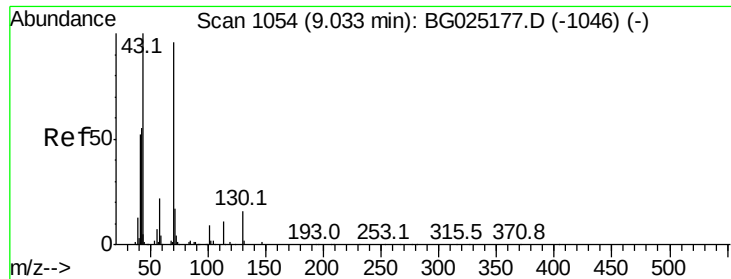
64 62.0 56.3 84.5

130 31.1 26.7 40.1



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

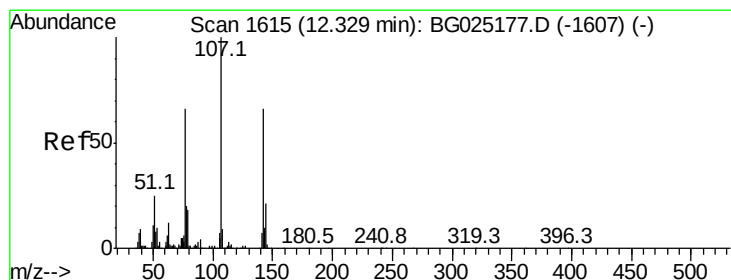
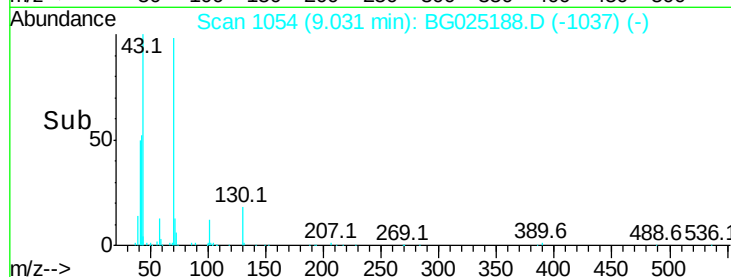
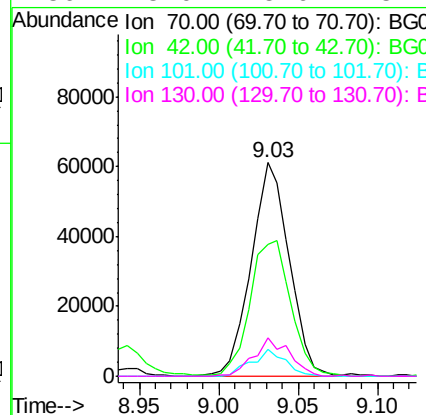
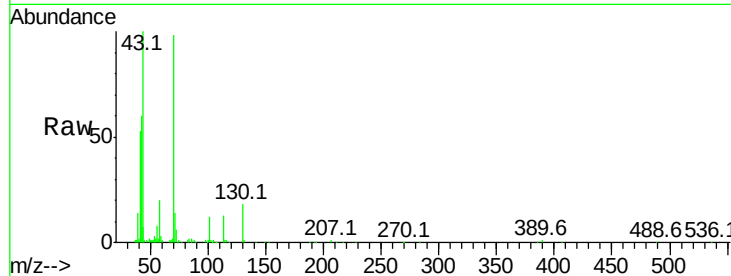




#15
N-Nitroso-di-n-propylamine
Concen: 23.24 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025188.D
Acq: 14 Dec 2016 22:56

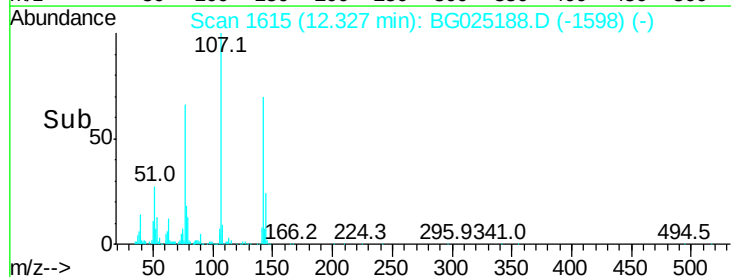
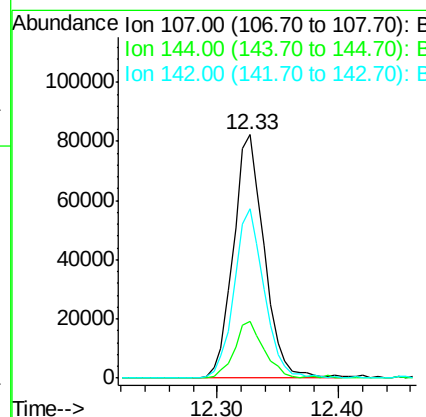
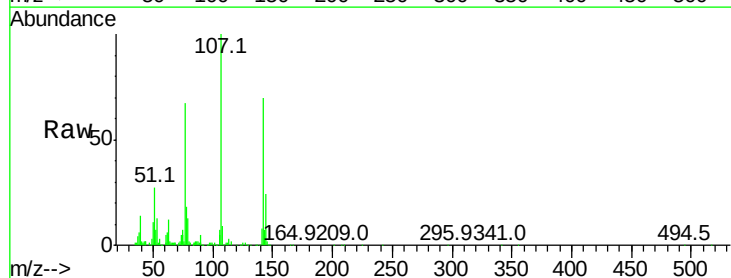
Instrument :
BNA_G
ClientSampleId :
DA826MSD

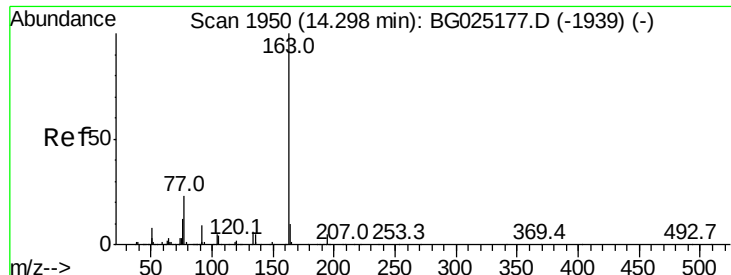
Tot Ion:	70	Resp:	102036
Ion	Ratio	Lower	Upper
70	100		
42	61.5	59.0	88.6
101	12.5	6.6	9.8#
130	18.0	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 23.42 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG025188.D
Acq: 14 Dec 2016 22:56

Tgt Ion:	107	Resp:	146750
Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.2	27.4
142	69.6	55.0	82.4





#44

Dimethylphthalate

Concen: 15.12 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025188.D

Acq: 14 Dec 2016 22:56

Instrument :

BNA_G

ClientSampleId :

DA826MSD

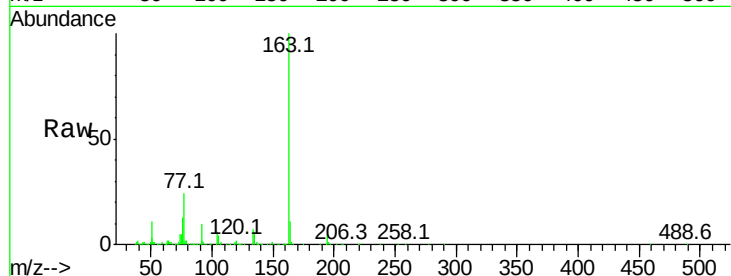
Tot Ion:163 Resp: 262212

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.0#

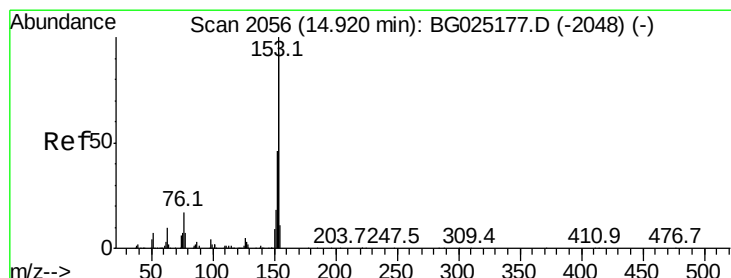
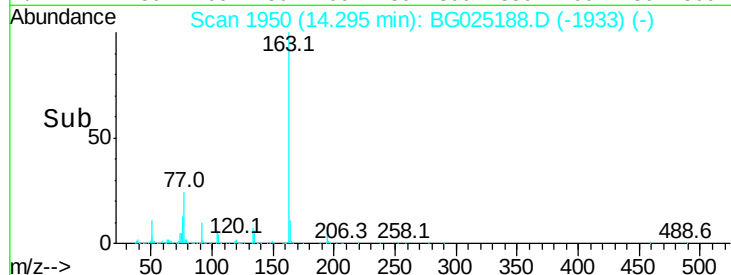
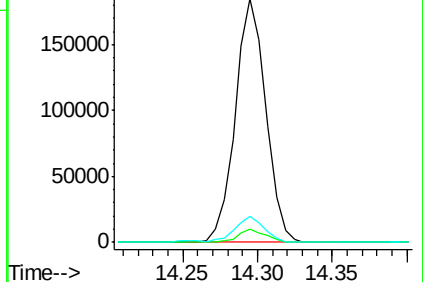
164 10.8 9.0 13.4



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



#49

Acenaphthene

Concen: 24.75 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025188.D

Acq: 14 Dec 2016 22:56

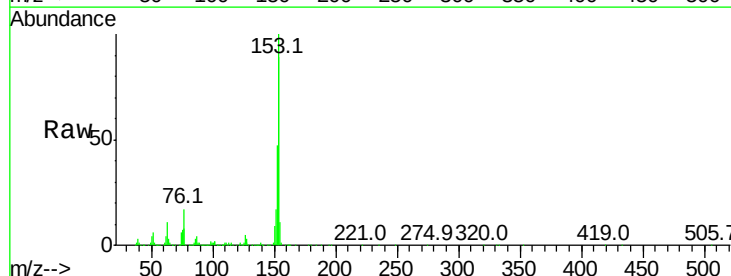
Tgt Ion:153 Resp: 318477

Ion Ratio Lower Upper

153 100

152 46.6 36.5 54.7

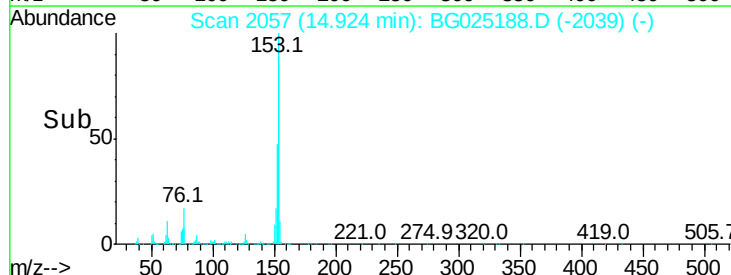
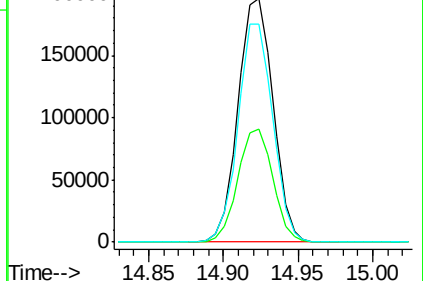
154 89.3 72.3 108.5

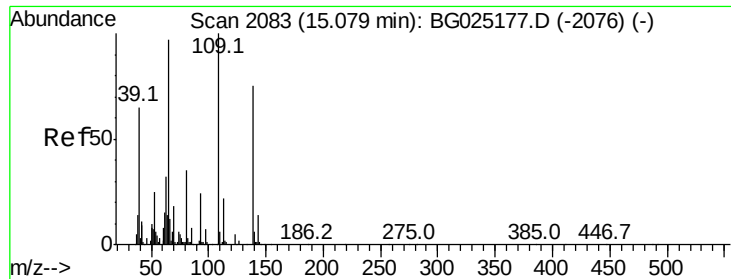


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

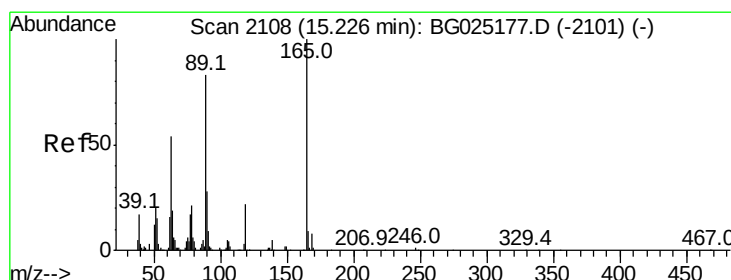
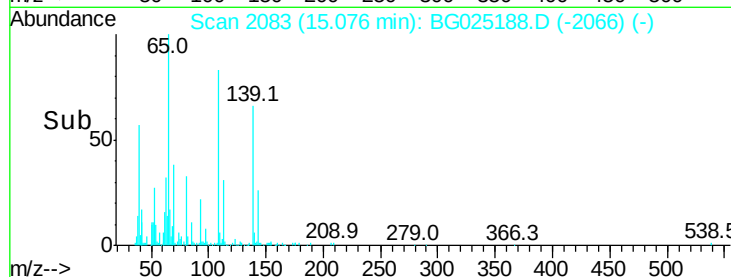
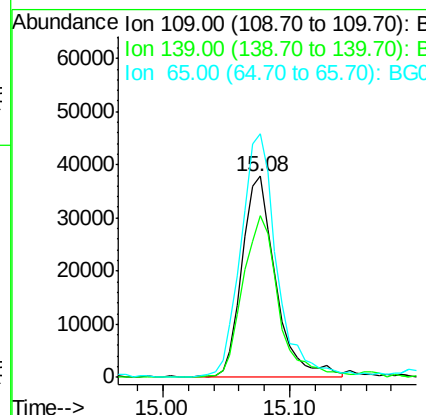
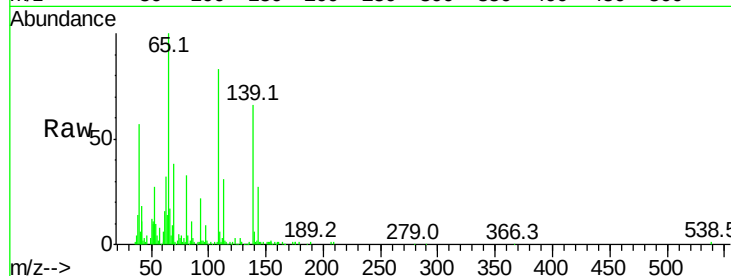




#52
4-Nitrophenol
Concen: 19.19 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG025188.D
Acq: 14 Dec 2016 22:56

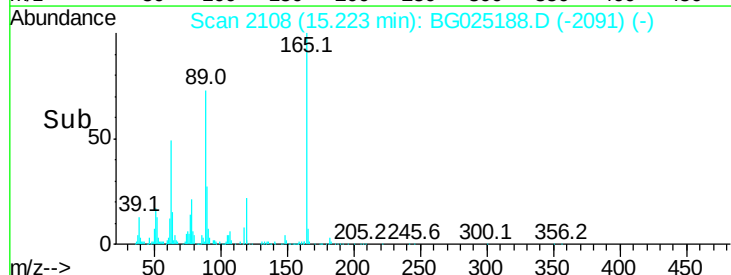
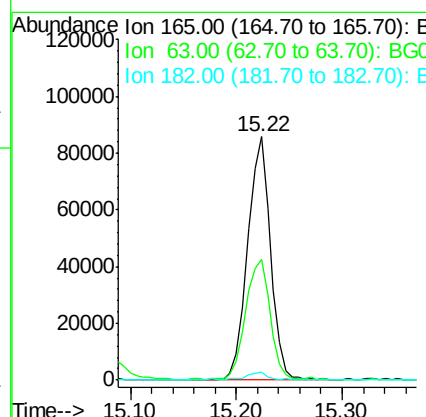
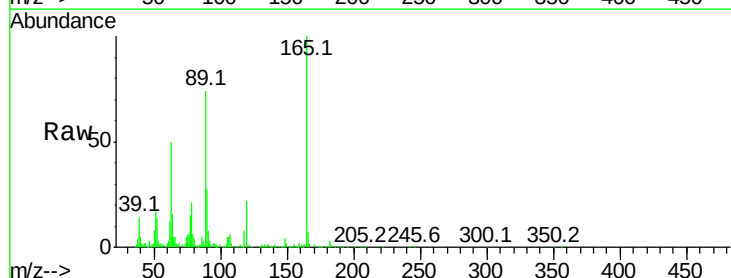
Instrument :
BNA_G
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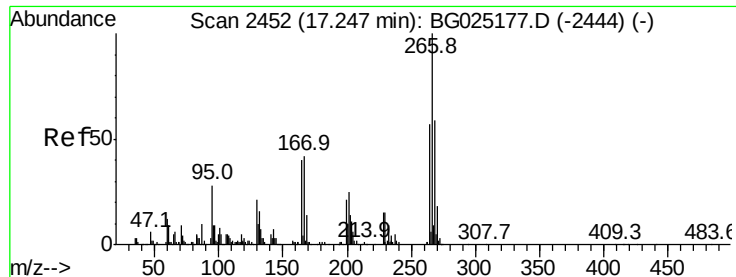
Tot Ion:109 Resp: 69975
Ion Ratio Lower Upper
109 100
139 80.0 62.6 93.8
65 120.9 90.4 135.6



#54
2,4-Dinitrotoluene
Concen: 22.87 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG025188.D
Acq: 14 Dec 2016 22:56

Tgt Ion:165 Resp: 128407
Ion Ratio Lower Upper
165 100
63 49.8 46.8 70.2
182 3.2 1.8 2.6#

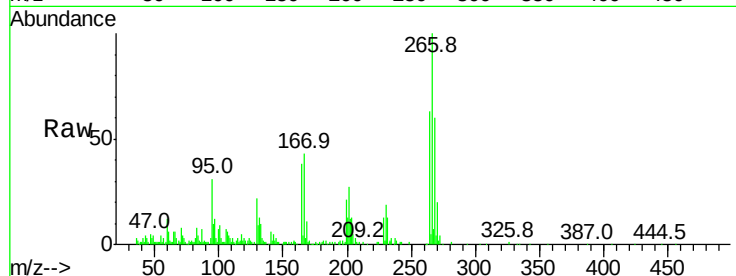




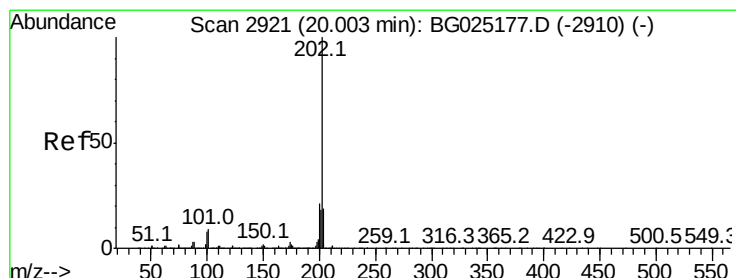
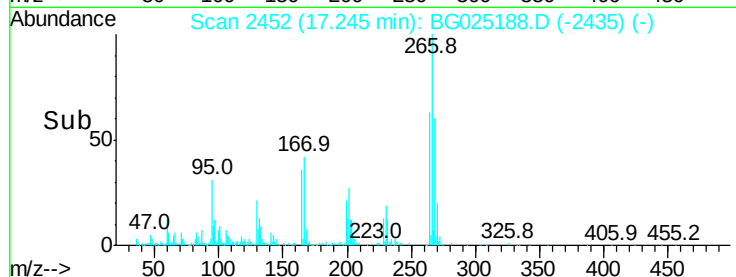
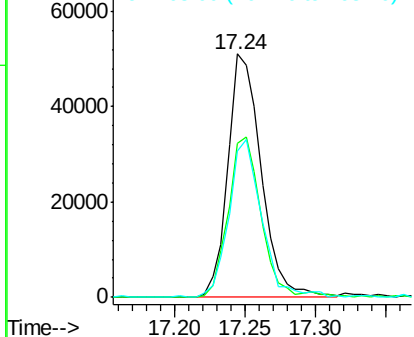
#68
 Pentachlorophenol
 Concen: 20.49 ng/ul
 RT: 17.24 min Scan# 2452
 Delta R.T. -0.00 min
 Lab File: BG025188.D
 Acq: 14 Dec 2016 22:56

Instrument :
 BNA_G
 ClientSampleId :
 DA826MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.0	47.1	70.7
268	59.9	56.2	84.4

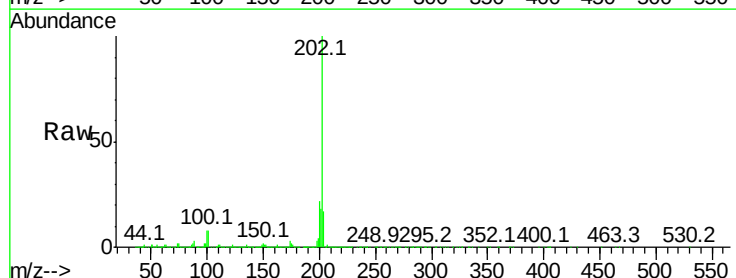


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

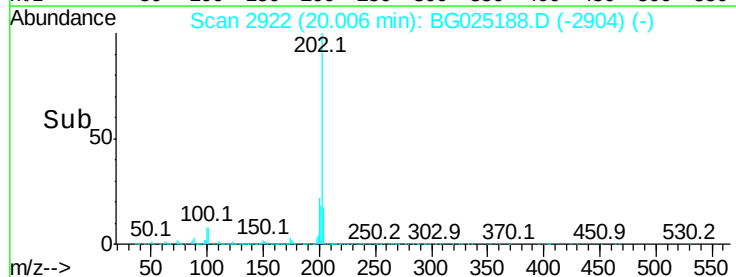
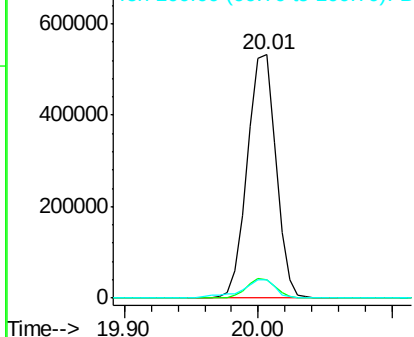


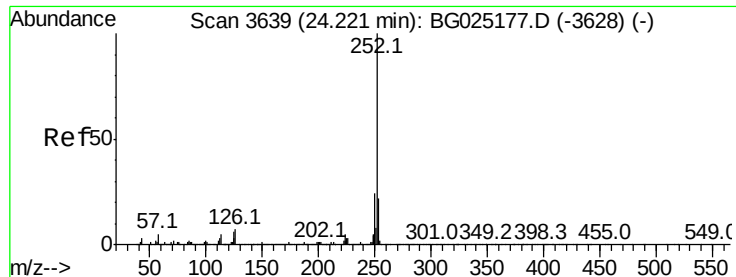
#77
 Pyrene
 Concen: 26.37 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BG025188.D
 Acq: 14 Dec 2016 22:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.9	10.3
100	7.6	6.6	10.0



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





#85

Benzo(b)fluoranthene

Concen: 1.10 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025188.D

Acq: 14 Dec 2016 22:56

Instrument :

BNA_G

ClientSampleId :

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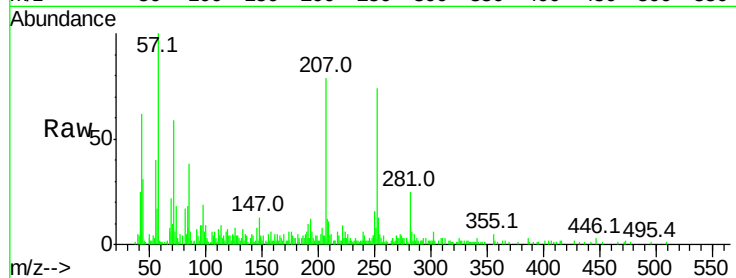
Tot Ion:252 Resp: 34092

Ion Ratio Lower Upper

252 100

253 17.9 17.7 26.5

125 4.8 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

