

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025345.D
 Acq On : 20 Dec 2016 8:47
 Operator : UM/SJ
 Sample : H6069-13MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7J8MS

Quant Time: Dec 20 12:13:43 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 03:02:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	57440	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	260956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	230295	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	518561	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	657216	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	670926	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7280	6.55	ng/uL	0.00
5) Phenol-d5	7.38	99	164543	33.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	110294	35.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	116749	33.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	143049	34.54	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	63109	34.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	81745	35.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	145468	32.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	176887	40.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	561090	35.42	ng/ul	0.00
46) Acenaphthylene-d8	14.54	160	609791	35.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	73495	27.00	ng/ul	0.00
57) Fluorene-d10	15.83	176	484246	32.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	95417	29.76	ng/ul	0.00
70) Anthracene-d10	17.69	188	789758	36.08	ng/ul	0.00
76) Pyrene-d10	19.96	212	995830	36.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1022807	37.62	ng/ul	0.00

Target Compounds

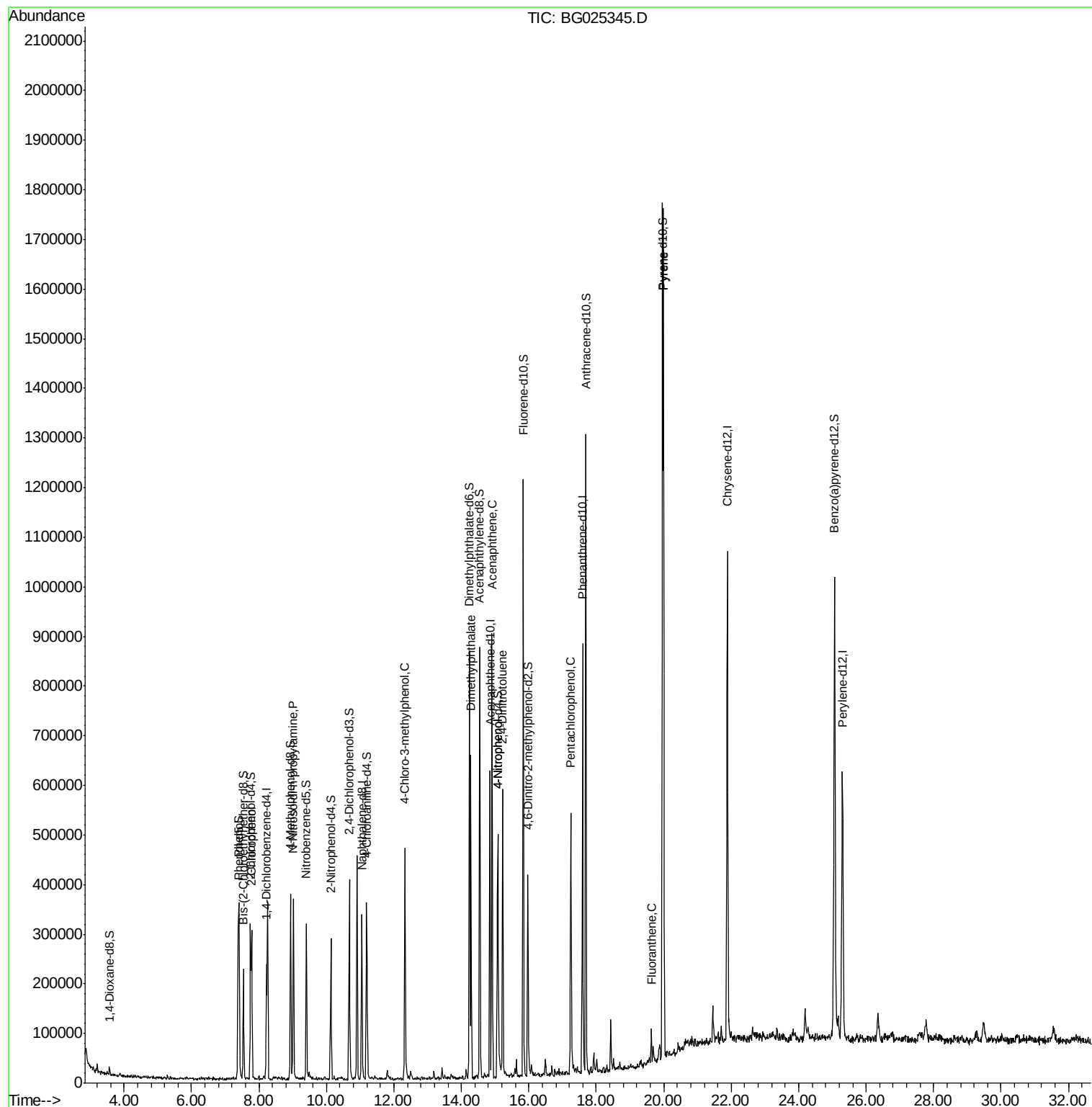
						Qvalue
6) Phenol	7.40	94	174022	34.21	ng/ul	96
10) 2-Chlorophenol	7.78	128	112449	32.28	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.02	70	131263	36.06	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.33	107	180117	33.97	ng/ul	95
44) Dimethylphthalate	14.28	163	394213	25.32	ng/ul	98
49) Acenaphthene	14.91	153	387798	33.56	ng/ul	99
52) 4-Nitrophenol	15.08	109	89932	27.46	ng/ul	95
54) 2,4-Dinitrotoluene	15.22	165	159057	31.55	ng/ul#	91
68) Pentachlorophenol	17.24	266	113254	28.60	ng/ul	98
74) Fluoranthene	19.64	202	43656	1.48	ng/ul#	94
77) Pyrene	19.99	202	1098893	34.78	ng/ul	98

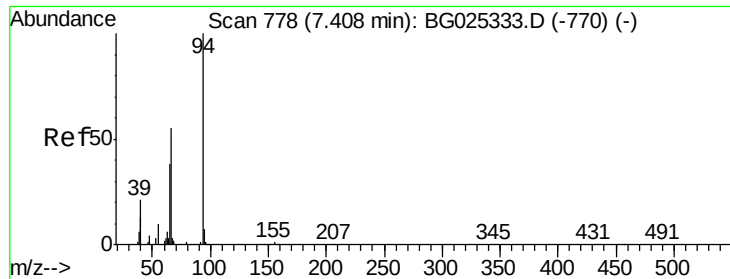
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 34.21 ng/ul

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG025345.D

Acq: 20 Dec 2016 8:47

Instrument :

BNA_G

ClientSampleId :

DA7J8MS

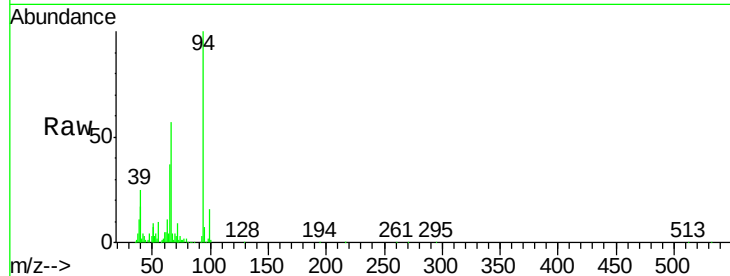
Tgt Ion: 94 Resp: 174022

Ion Ratio Lower Upper

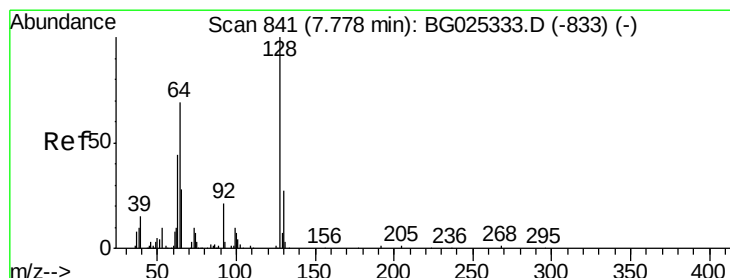
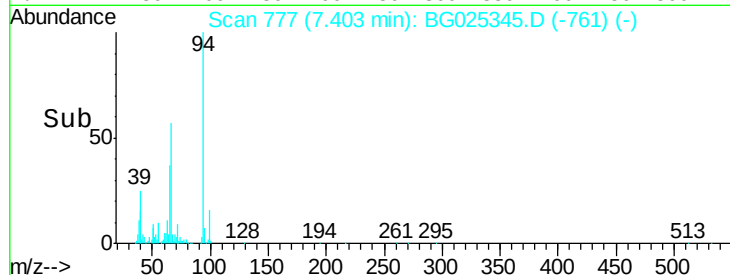
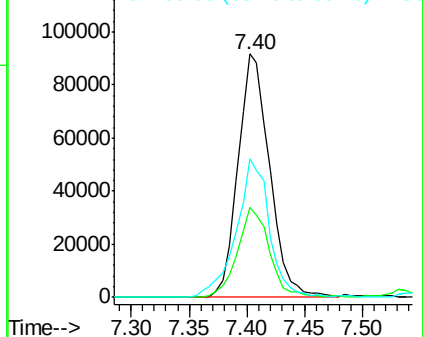
94 100

65 37.2 26.8 40.2

66 57.0 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: 32.28 ng/ul

RT: 7.78 min Scan# 842

Delta R.T. 0.01 min

Lab File: BG025345.D

Acq: 20 Dec 2016 8:47

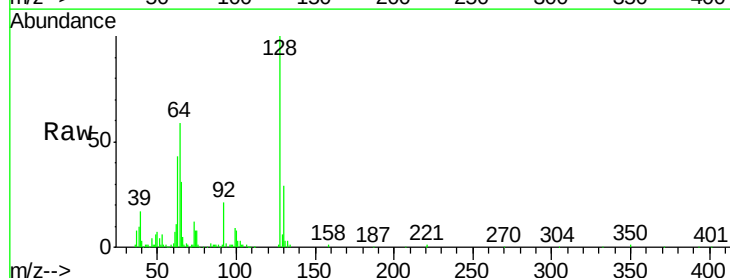
Tgt Ion: 128 Resp: 112449

Ion Ratio Lower Upper

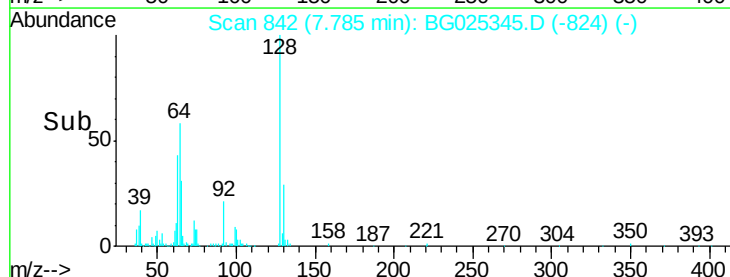
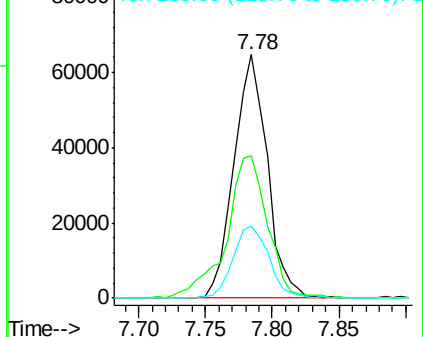
128 100

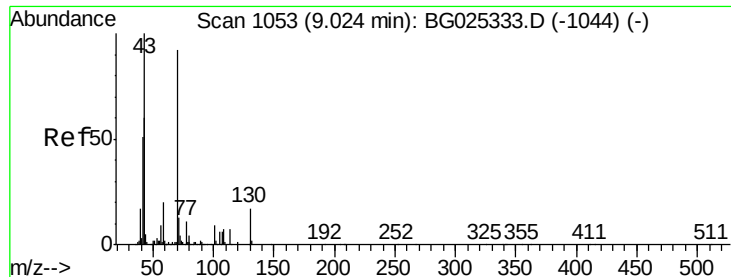
64 58.5 56.3 84.5

130 29.5 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

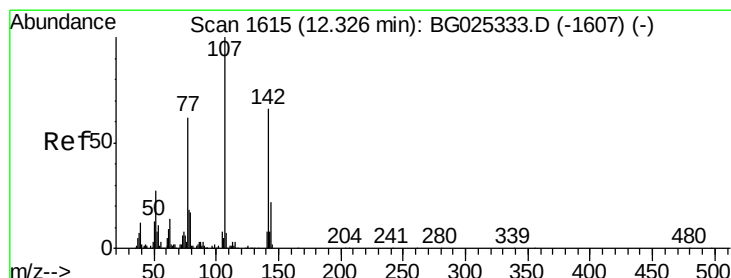
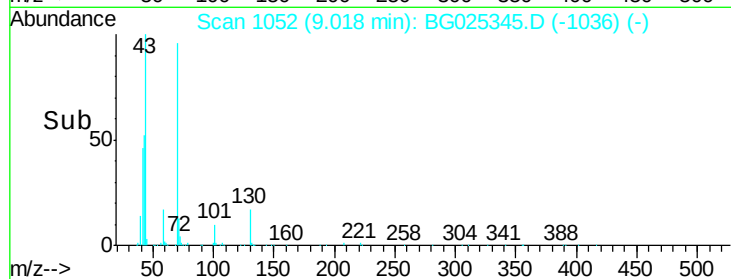
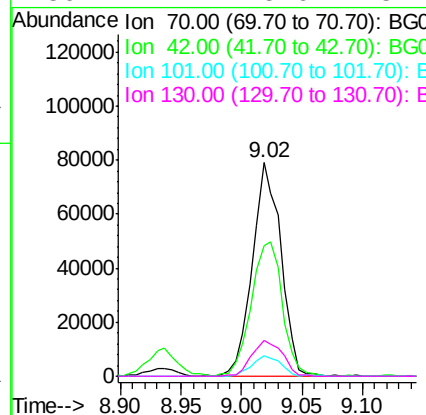
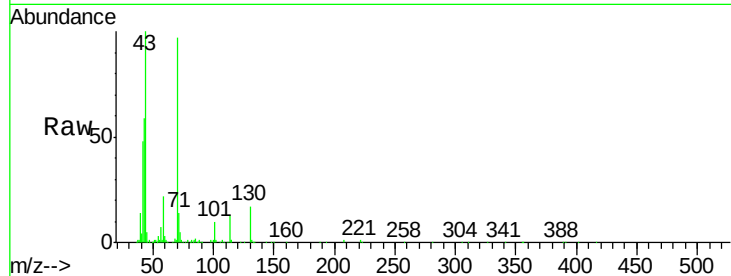




#15
N-Nitroso-di-n-propylamine
Concen: 36.06 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG025345.D
Acq: 20 Dec 2016 8:47

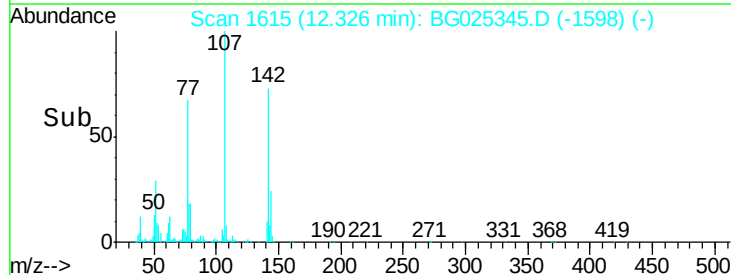
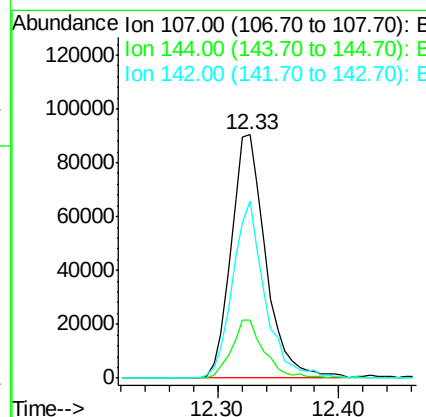
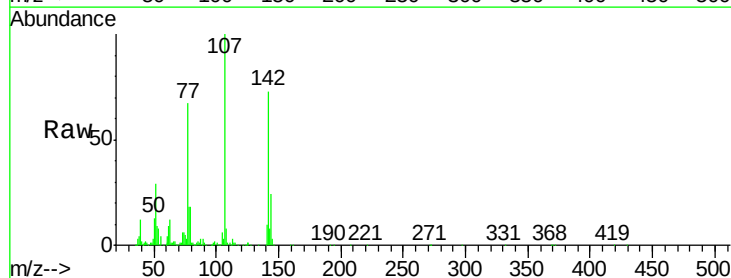
Instrument :
BNA_G
ClientSampleId :
DA7J8MS

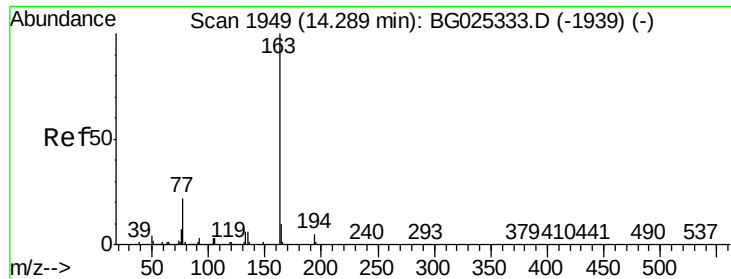
Tgt Ion:	70	Resp:	131263
Ion	Ratio	Lower	Upper
70	100		
42	60.9	59.0	88.6
101	9.9	6.6	9.8#
130	17.1	15.6	23.4



#33
4-Chloro-3-methylphenol
Concen: 33.97 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG025345.D
Acq: 20 Dec 2016 8:47

Tgt Ion:	107	Resp:	180117
Ion	Ratio	Lower	Upper
107	100		
144	23.8	18.2	27.4
142	73.0	55.0	82.4





#44

Dimethylphthalate

Concen: 25.32 ng/ul

RT: 14.28 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG025345.D

Acq: 20 Dec 2016 8:47

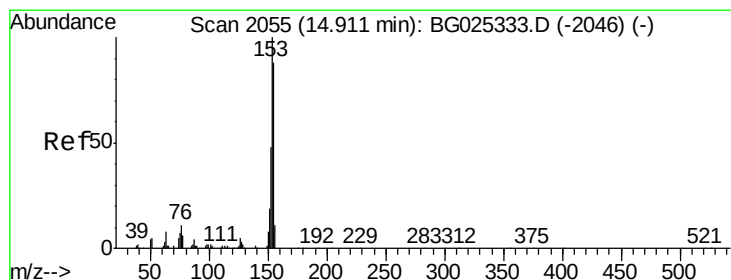
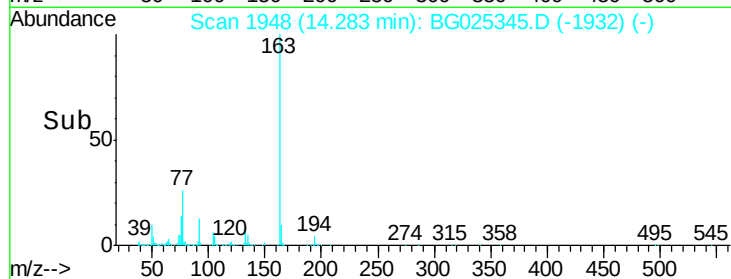
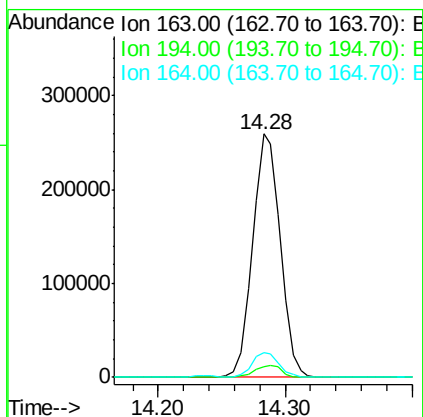
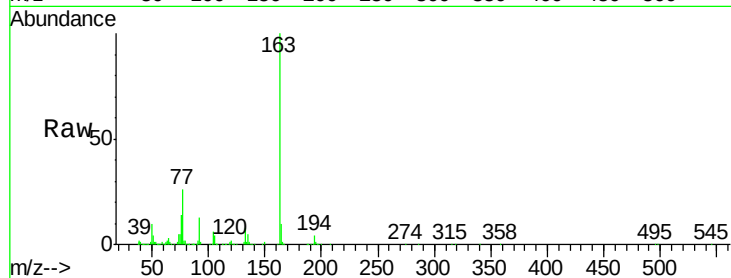
Instrument :

BNA_G

ClientSampleId :

DA7J8MS

Tgt Ion:	163	Resp:	394213
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.3	9.0	13.4



#49

Acenaphthene

Concen: 33.56 ng/ul

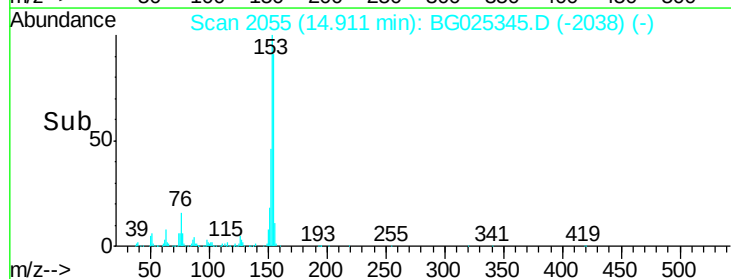
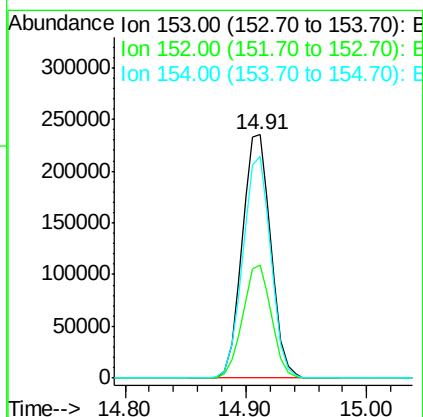
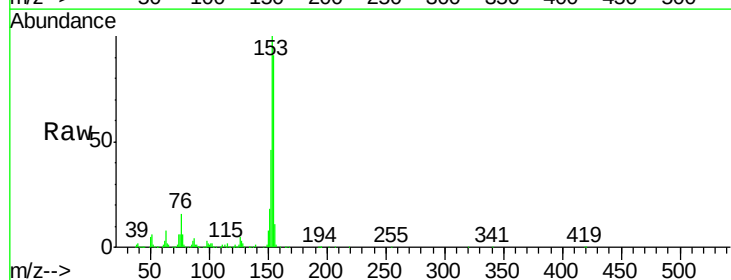
RT: 14.91 min Scan# 2055

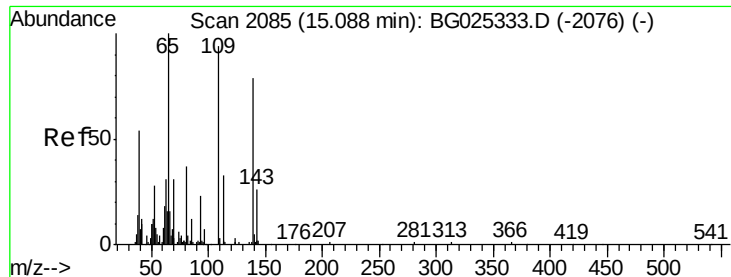
Delta R.T. 0.00 min

Lab File: BG025345.D

Acq: 20 Dec 2016 8:47

Tgt Ion:	153	Resp:	387798
Ion Ratio	Lower	Upper	
153	100		
152	46.4	36.5	54.7
154	91.1	72.3	108.5

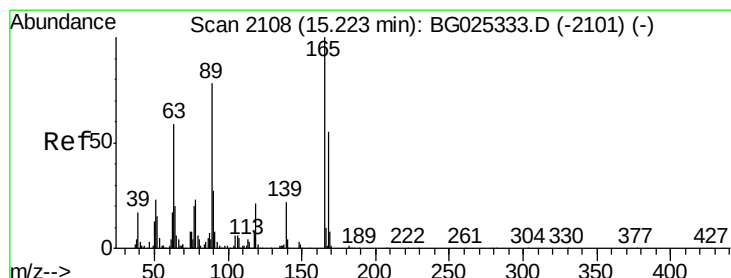
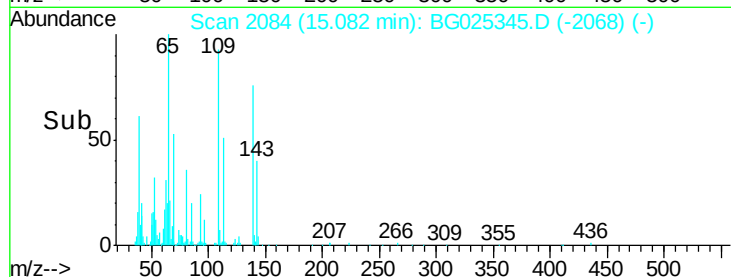
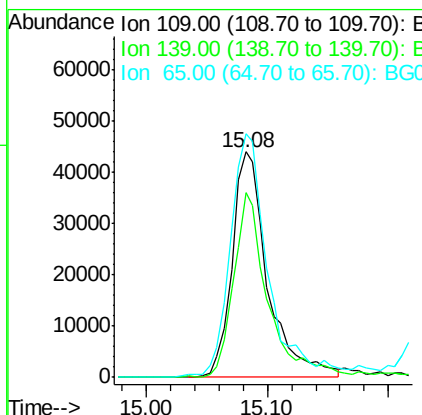
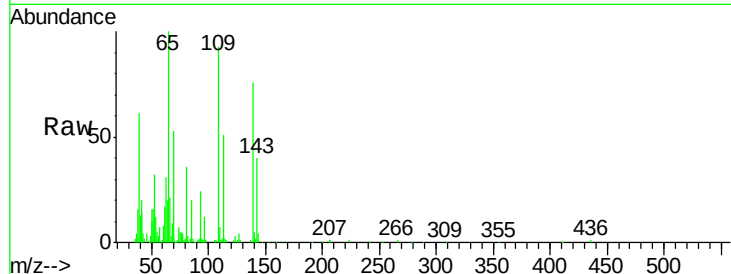




#52
4-Nitrophenol
Concen: 27.46 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG025345.D
Acq: 20 Dec 2016 8:47

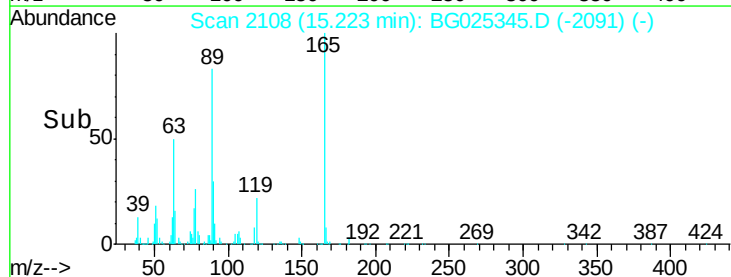
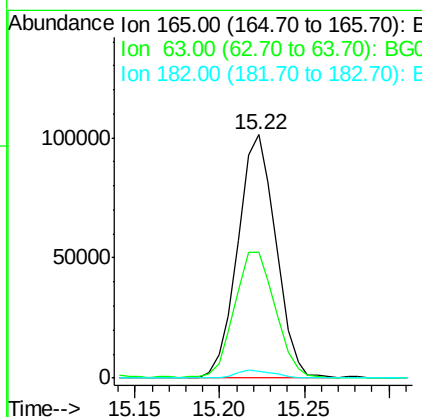
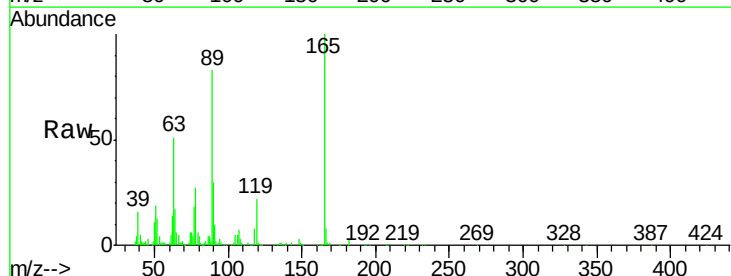
Instrument :
BNA_G
ClientSampleId :
DA7J8MS

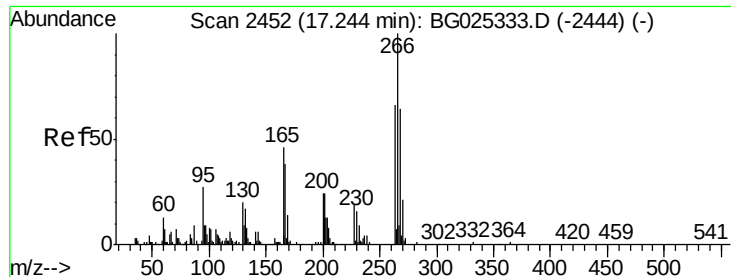
Tgt Ion:109 Resp: 89932
Ion Ratio Lower Upper
109 100
139 82.0 62.6 93.8
65 107.9 90.4 135.6



#54
2,4-Dinitrotoluene
Concen: 31.55 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG025345.D
Acq: 20 Dec 2016 8:47

Tgt Ion:165 Resp: 159057
Ion Ratio Lower Upper
165 100
63 51.5 46.8 70.2
182 2.7 1.8 2.6#





#68

Pentachlorophenol

Concen: 28.60 ng/ul

RT: 17.24 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG025345.D

Acq: 20 Dec 2016 8:47

Instrument :

BNA_G

ClientSampleId :

DA7J8MS

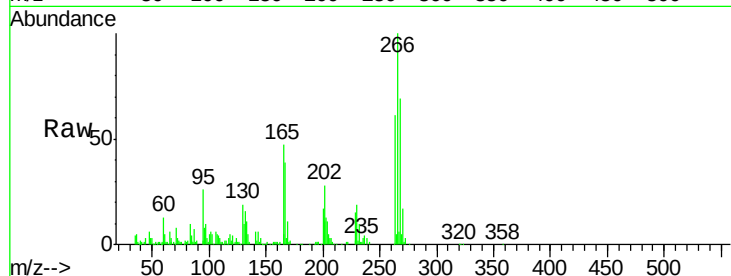
Tgt Ion:266 Resp: 113254

Ion Ratio Lower Upper

266 100

264 61.1 47.1 70.7

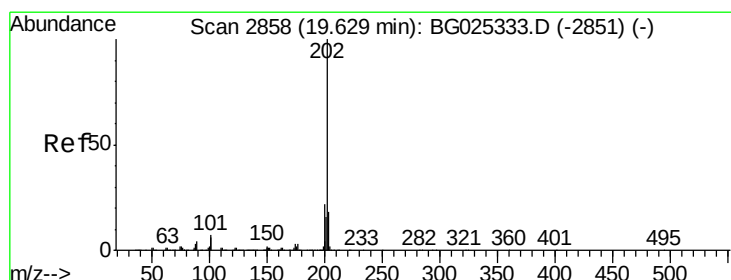
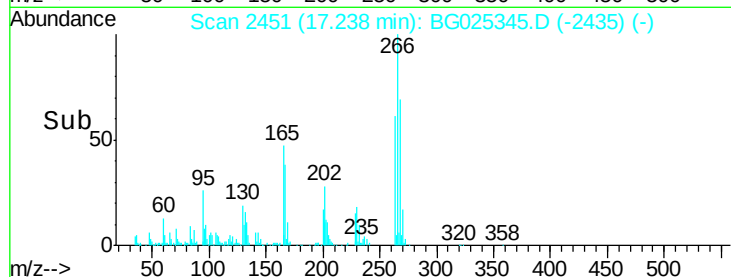
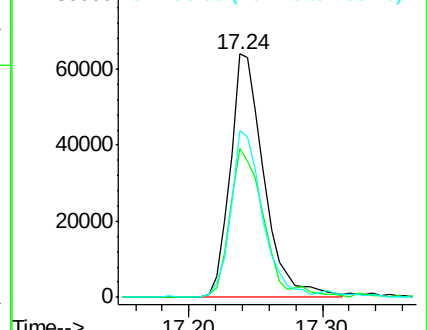
268 68.7 56.2 84.4



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



#74

Fluoranthene

Concen: 1.48 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BG025345.D

Acq: 20 Dec 2016 8:47

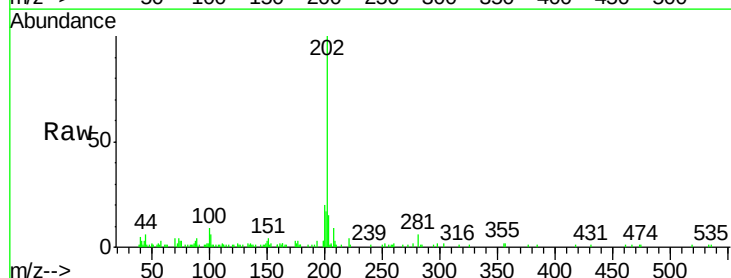
Tgt Ion:202 Resp: 43656

Ion Ratio Lower Upper

202 100

101 6.2 6.2 9.2

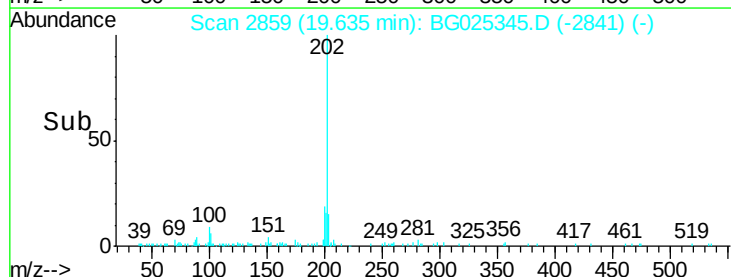
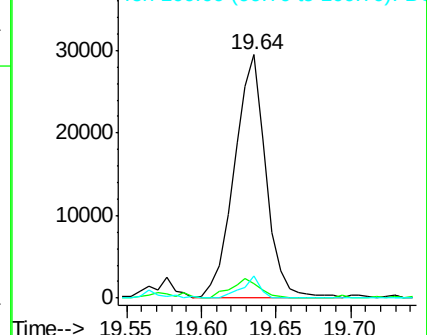
100 9.1 5.2 7.8#

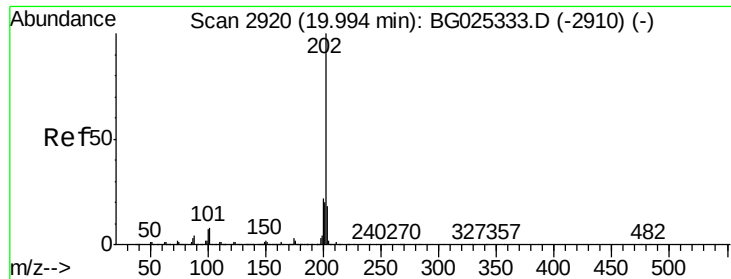


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 34.78 ng/ul

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

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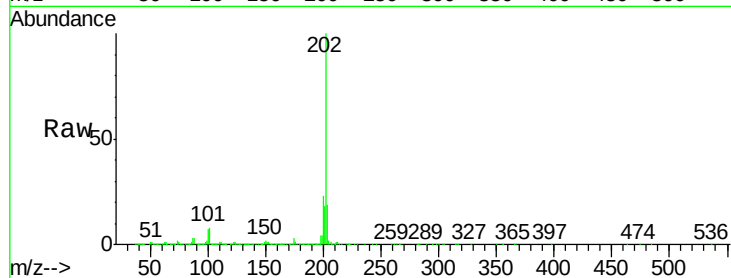
Tgt Ion:202 Resp: 1098893

Ion Ratio Lower Upper

202 100

101 7.8 6.9 10.3

100 7.3 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

