

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023826.D
 Acq On : 20 Aug 2016 20:58
 Operator : UM/SJ
 Sample : H4533-07MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF01-01MSD

Quant Time: Aug 22 04:56:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	464458	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	296631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	666679	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	735467	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	716128	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	11860	4.92	ng/uL	0.00
5) Phenol-d5	7.25	99	279273	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	188396	26.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	197458	27.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	205568	25.64	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	101902	27.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	116492	27.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	197295	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	258965	27.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	640921	26.06	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	744062	26.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	91075	22.92	ng/ul	0.00
57) Fluorene-d10	15.77	176	566839	26.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	95026	22.49	ng/ul	0.00
70) Anthracene-d10	17.63	188	836774	27.22	ng/ul	0.00
76) Pyrene-d10	19.93	212	979351	27.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	897017	27.36	ng/ul	0.01

Target Compounds

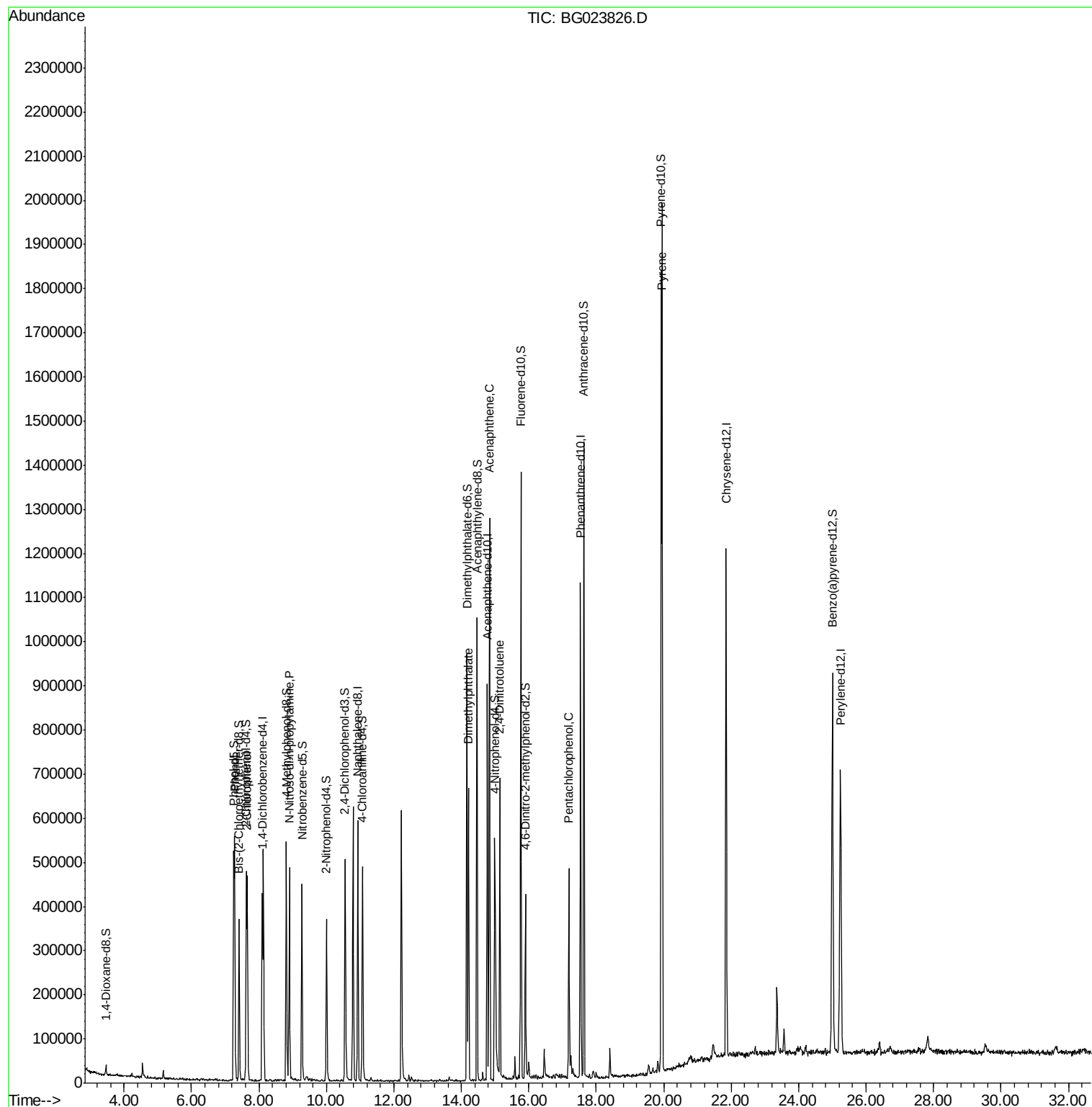
						Qvalue
6) Phenol	7.28	94	302150	28.76	ng/ul#	74
10) 2-Chlorophenol	7.65	128	189959	25.59	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.90	70	203910	25.26	ng/ul#	89
44) Dimethylphthalate	14.21	163	405149	16.48	ng/ul	98
49) Acenaphthene	14.83	153	509237	26.21	ng/ul	95
54) 2,4-Dinitrotoluene	15.14	165	191388	24.95	ng/ul#	77
68) Pentachlorophenol	17.19	266	98323	27.43	ng/ul	91
77) Pyrene	19.95	202	1147219	26.39	ng/ul	93

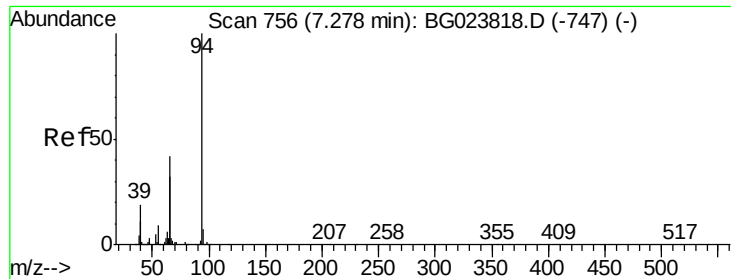
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 28.76 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023826.D

Acq: 20 Aug 2016 20:58

Instrument :

BNA_G

ClientSampleId :

BF01-01MSD

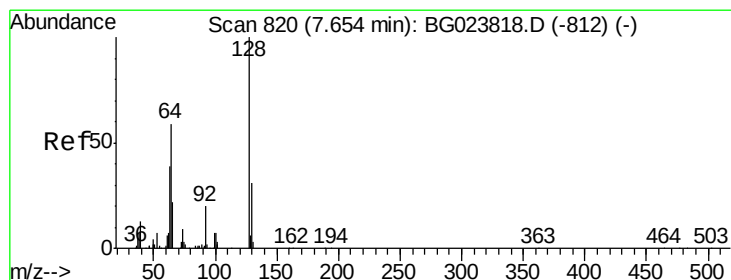
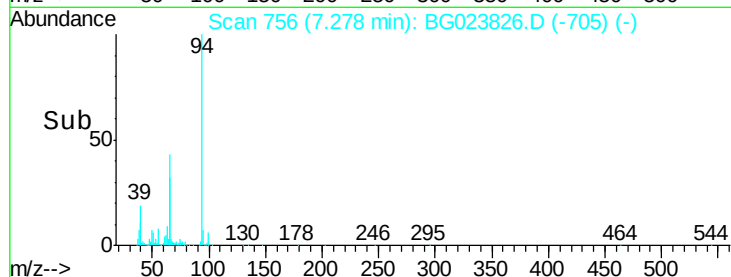
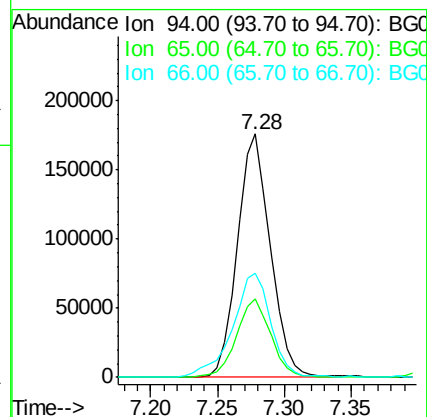
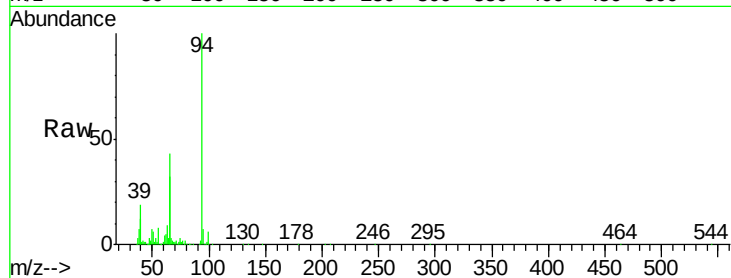
Tgt Ion: 94 Resp: 302150

Ion Ratio Lower Upper

94 100

65 32.0 16.8 25.2#

66 43.0 22.6 33.8#



#10

2-Chlorophenol

Concen: 25.59 ng/ul

RT: 7.65 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG023826.D

Acq: 20 Aug 2016 20:58

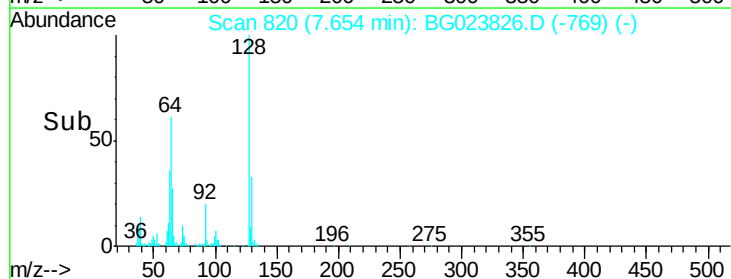
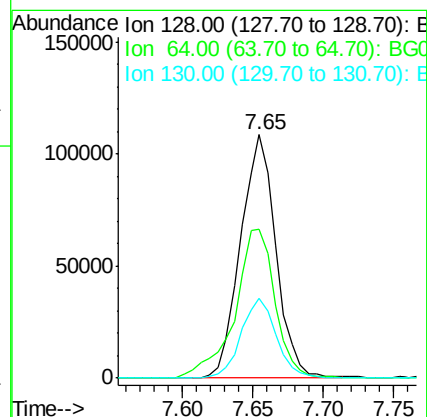
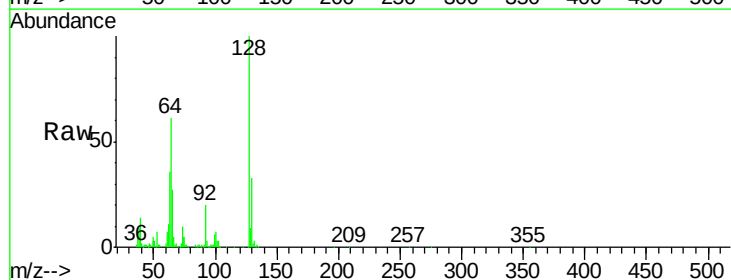
Tgt Ion: 128 Resp: 189959

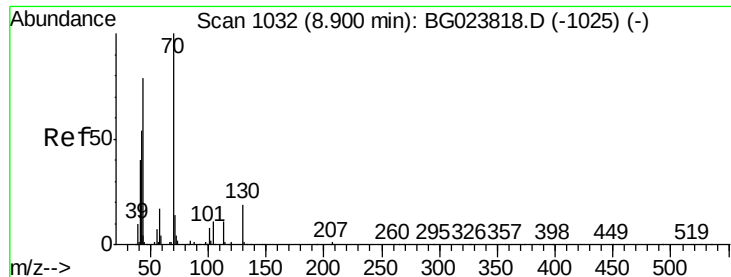
Ion Ratio Lower Upper

128 100

64 61.1 34.2 51.4#

130 32.6 27.0 40.4

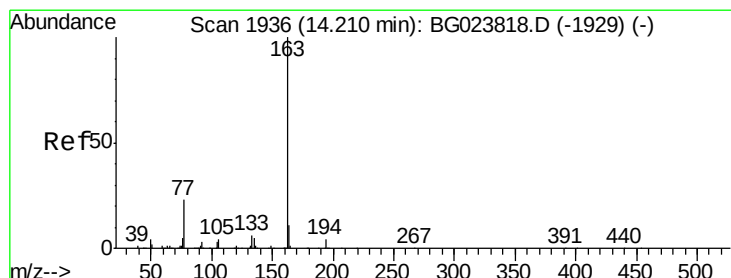
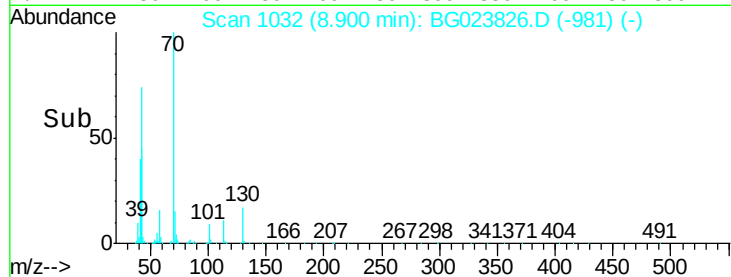
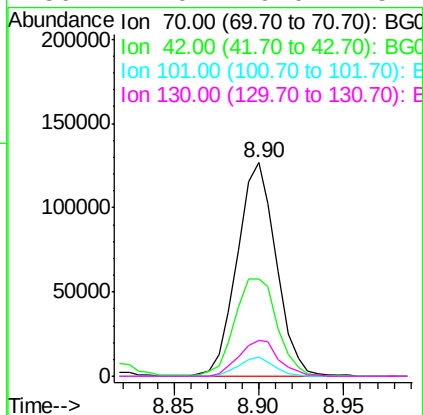
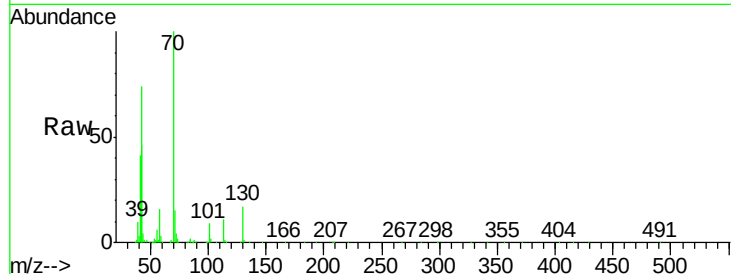




#15
N-Nitroso-di-n-propylamine
Concen: 25.26 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG023826.D
Acq: 20 Aug 2016 20:58

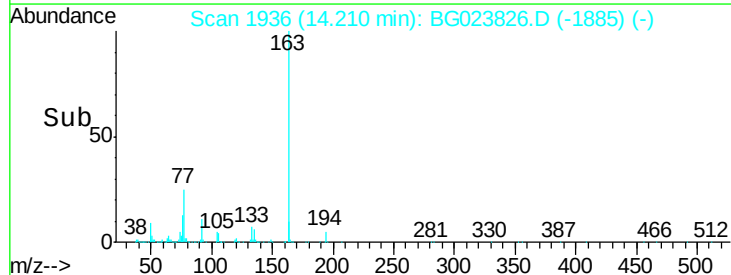
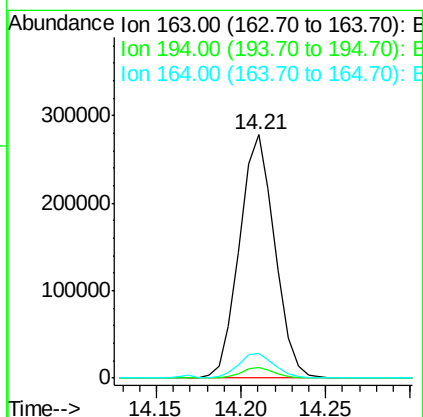
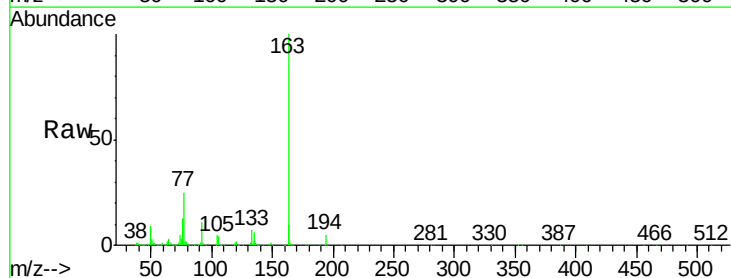
Instrument :
BNA_G
ClientSampleId :
BF01-01MSD

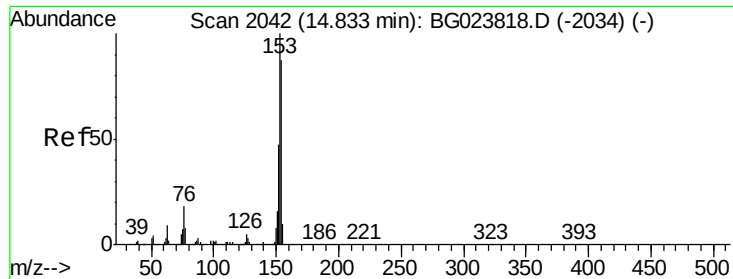
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.5	31.4	47.2
101	8.7	8.6	13.0
130	17.0	19.0	28.4



#44
Dimethylphthalate
Concen: 16.48 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG023826.D
Acq: 20 Aug 2016 20:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.2	8.8	13.2





#49

Acenaphthene

Concen: 26.21 ng/ul

RT: 14.83 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG023826.D

Acq: 20 Aug 2016 20:58

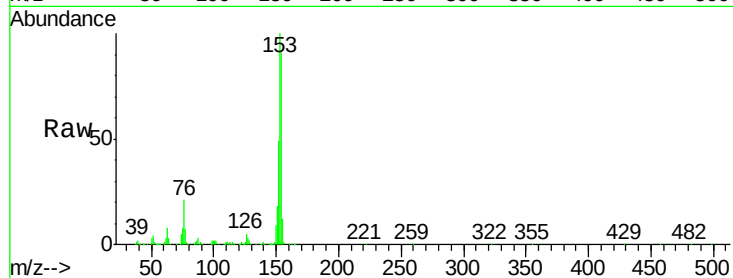
Instrument :

BNA_G

ClientSampleId :

BF01-01MSD

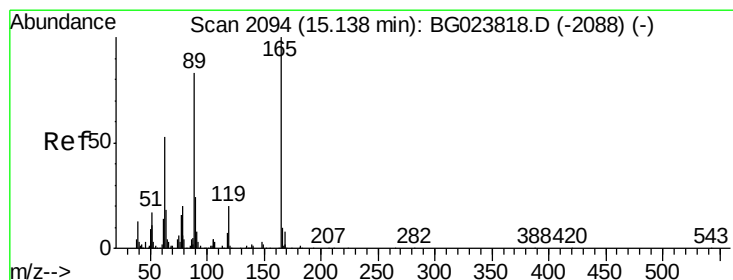
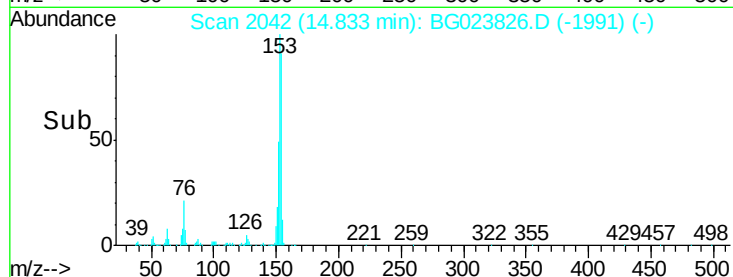
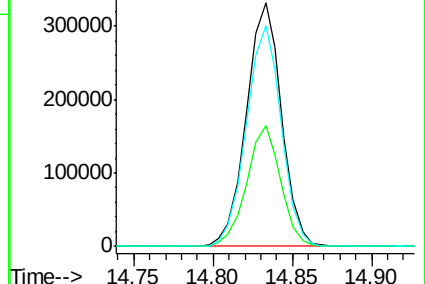
Tgt Ion:	153	Resp:	509237
Ion	Ratio	Lower	Upper
153	100		
152	49.5	37.3	55.9
154	90.6	68.2	102.2



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



#54

2,4-Dinitrotoluene

Concen: 24.95 ng/ul

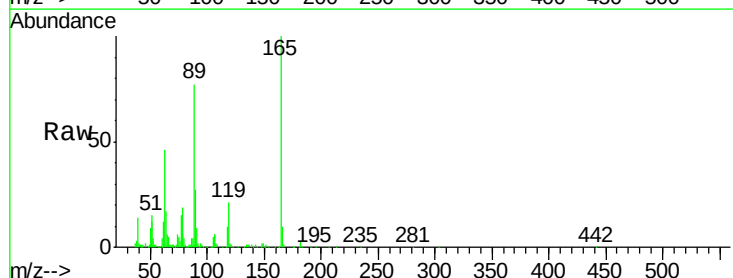
RT: 15.14 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BG023826.D

Acq: 20 Aug 2016 20:58

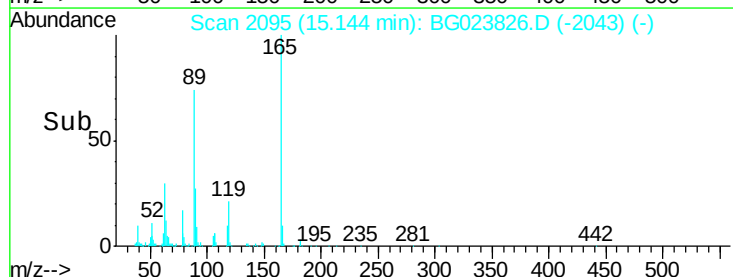
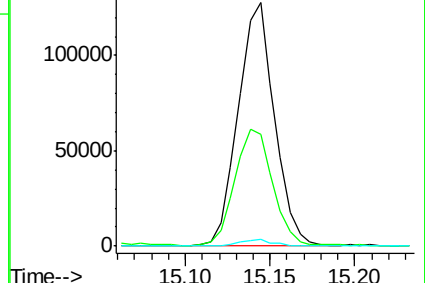
Tgt Ion:	165	Resp:	191388
Ion	Ratio	Lower	Upper
165	100		
63	46.1	25.7	38.5#
182	2.7	2.1	3.1

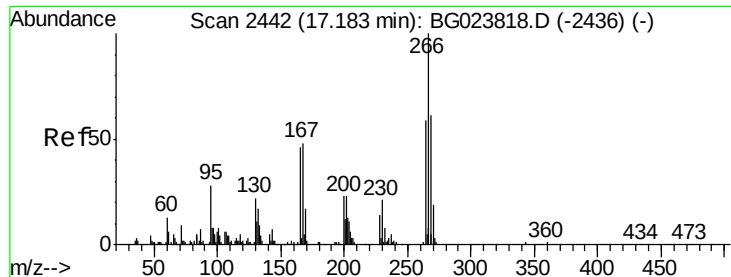


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

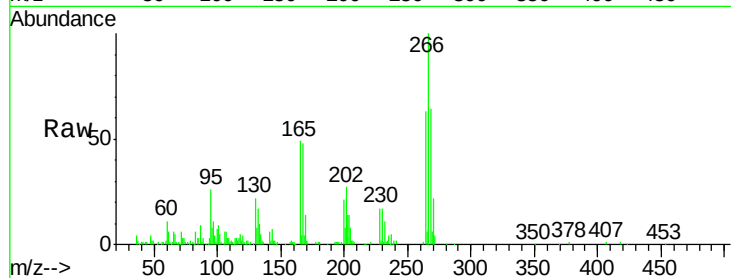




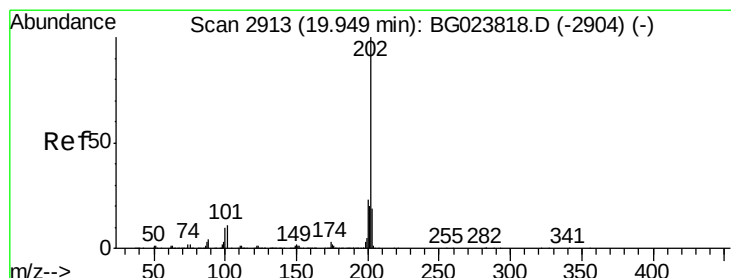
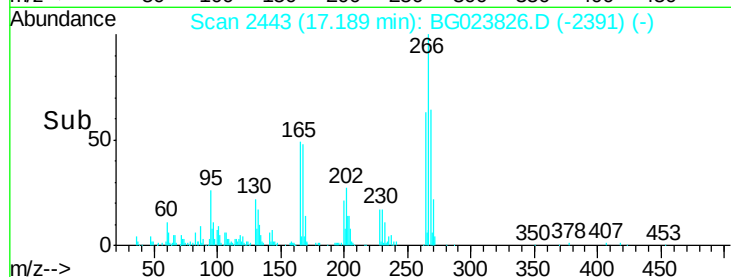
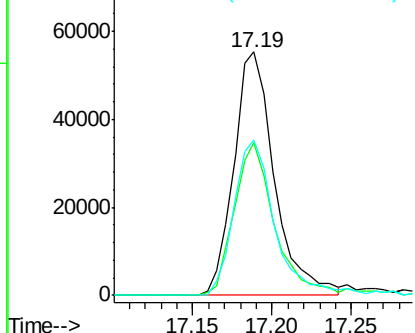
#68
 Pentachlorophenol
 Concen: 27.43 ng/ul
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG023826.D
 Acq: 20 Aug 2016 20:58

Instrument :
 BNA_G
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Tgt Ion:266 Resp: 98323
 Ion Ratio Lower Upper
 266 100
 264 62.5 54.7 82.1
 268 64.0 57.8 86.8

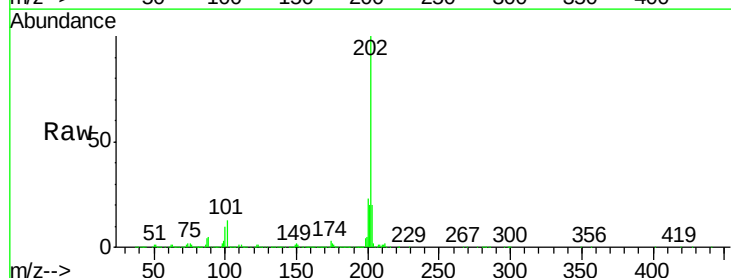


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 26.39 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG023826.D
 Acq: 20 Aug 2016 20:58

Tgt Ion:202 Resp: 1147219
 Ion Ratio Lower Upper
 202 100
 101 12.6 12.5 18.7
 100 10.4 10.2 15.4



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

