

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023544.D
 Acq On : 8 Aug 2016 21:33
 Operator : UM/SJ
 Sample : H4338-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V21MS

Quant Time: Aug 09 04:44:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	145703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	676356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	493241	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1191438	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1168803	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1141079	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2651	0.77	ng/uL	0.00
5) Phenol-d5	7.27	99	112965	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	296503	31.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	261046	26.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	196413	17.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	177464	33.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	202566	33.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	333390	28.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	46289	3.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1302919	32.26	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1479587	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	53791	7.80	ng/ul	0.01
57) Fluorene-d10	15.77	176	1184780	31.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	260611	34.09	ng/ul	0.00
70) Anthracene-d10	17.64	188	1818769	33.88	ng/ul	0.00
76) Pyrene-d10	19.93	212	1925026	32.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1791090	34.68	ng/ul	0.00

Target Compounds

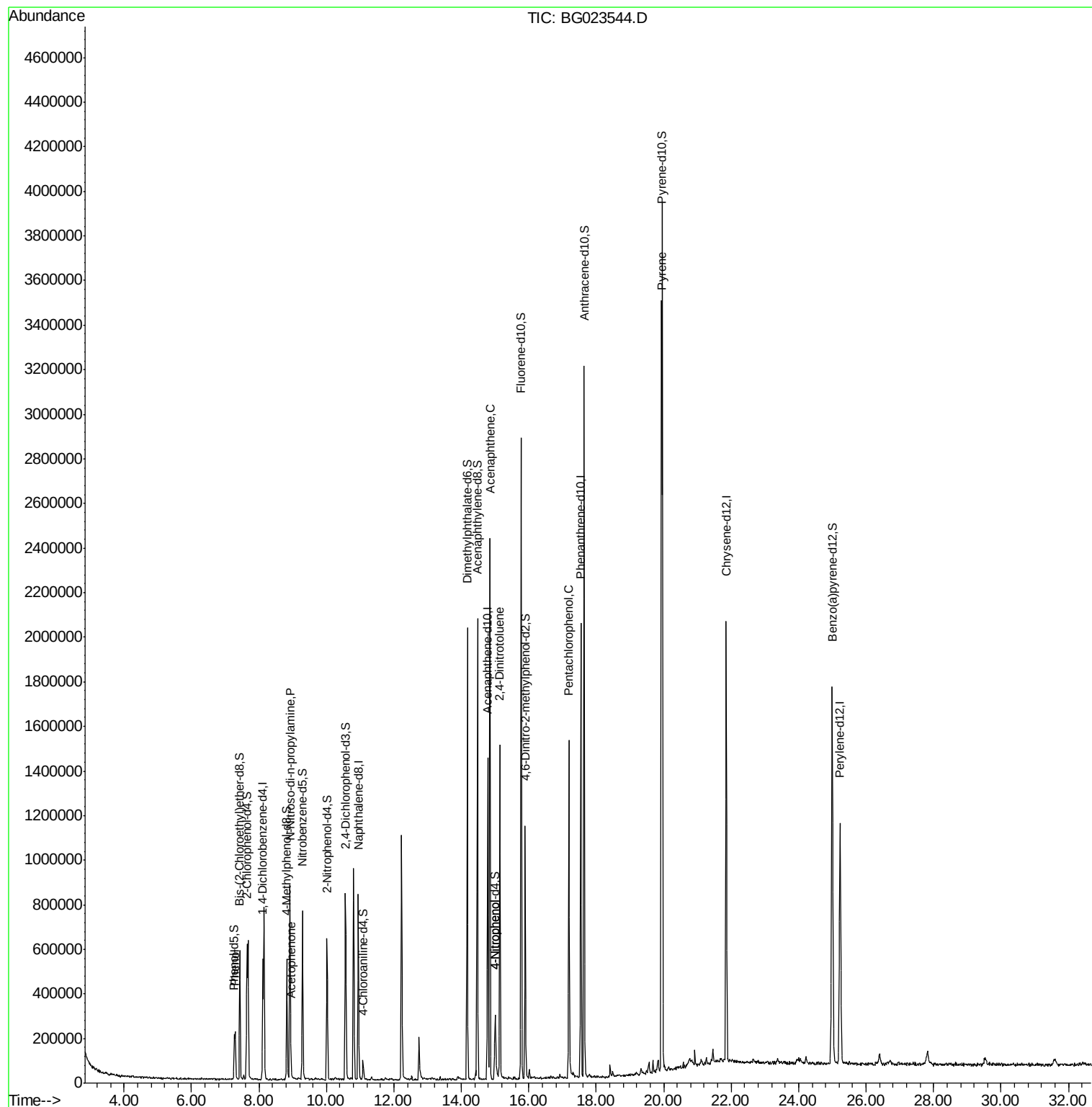
						Qvalue
6) Phenol	7.30	94	123403	8.07	ng/ul#	75
14) Acetophenone	8.95	105	41978	2.28	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.92	70	357197	32.31	ng/ul#	86
49) Acenaphthene	14.85	153	1014699	31.33	ng/ul	95
52) 4-Nitrophenol	15.01	109	47294	6.85	ng/ul#	71
54) 2,4-Dinitrotoluene	15.15	165	427077	32.51	ng/ul#	74
68) Pentachlorophenol	17.19	266	288278	35.90	ng/ul	93
77) Pyrene	19.96	202	2252129	31.17	ng/ul	96

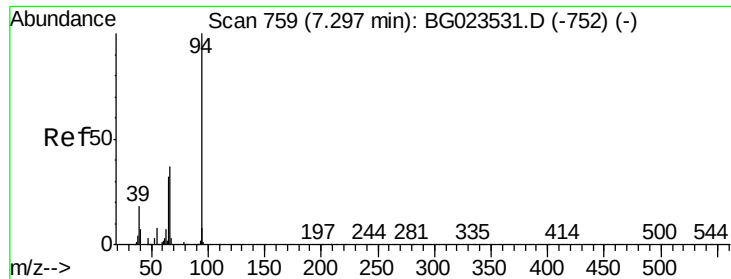
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.07 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

Instrument :

BNA_G

ClientSampleId :

A4V21MS

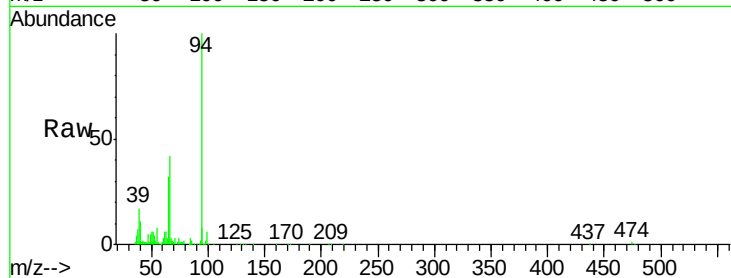
Tgt Ion: 94 Resp: 123403

Ion Ratio Lower Upper

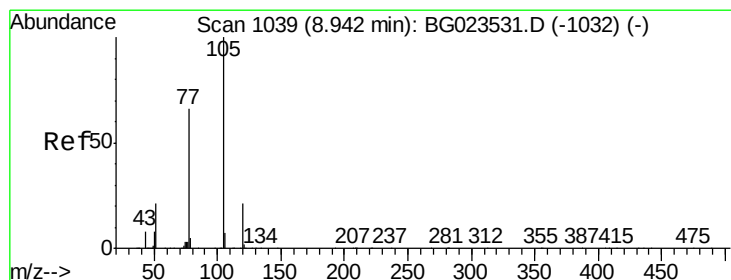
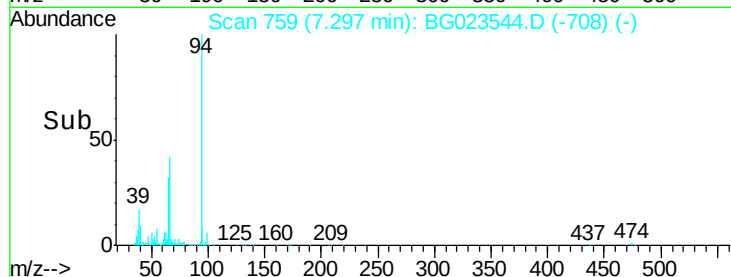
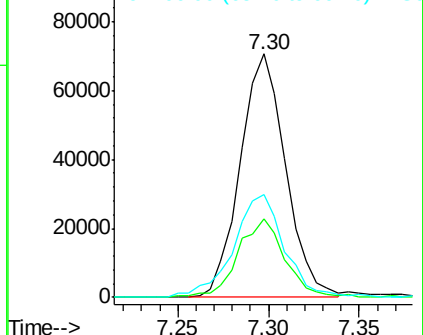
94 100

65 32.0 16.8 25.2#

66 42.1 22.6 33.8#



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



#14

Acetophenone

Concen: 2.28 ng/ul

RT: 8.95 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BG023544.D

Acq: 8 Aug 2016 21:33

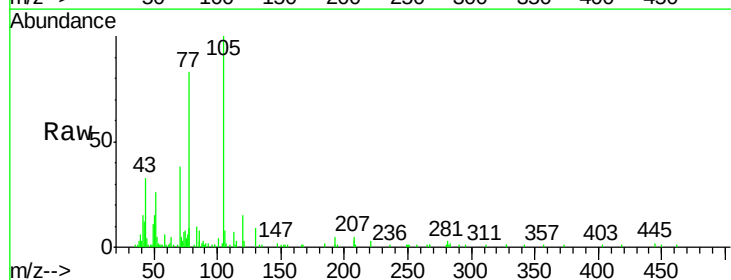
Tgt Ion: 105 Resp: 41978

Ion Ratio Lower Upper

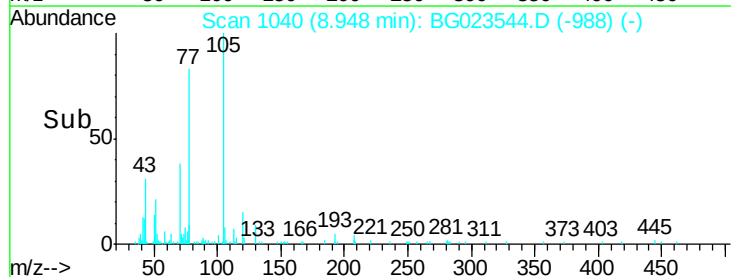
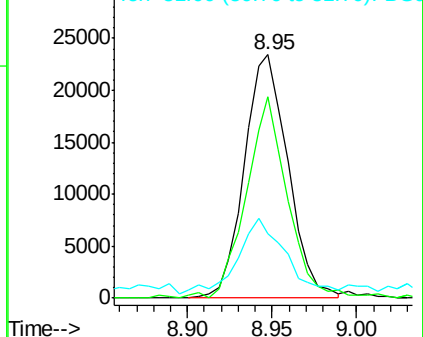
105 100

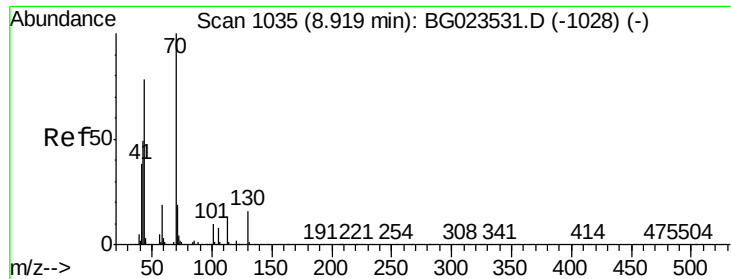
77 82.9 56.1 84.1

51 26.4 14.6 22.0#



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

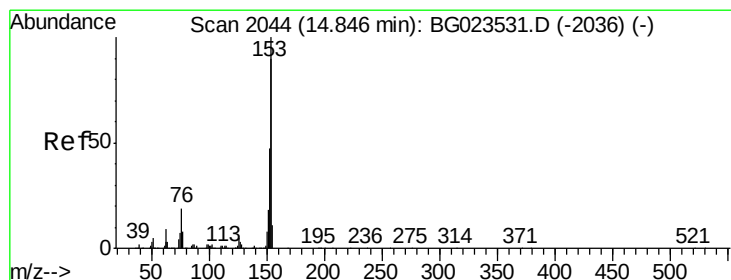
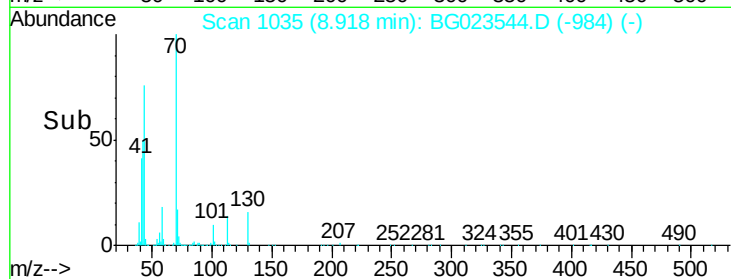
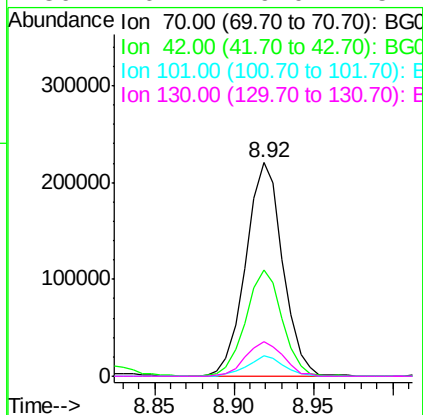
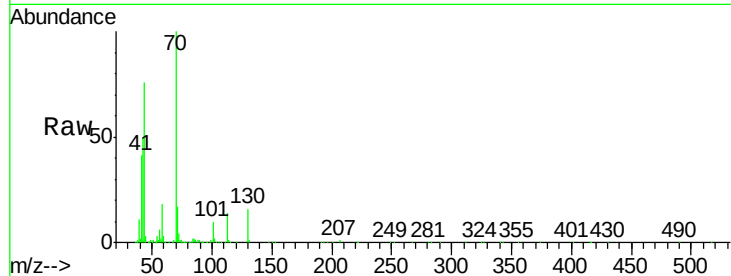




#15
N-Nitroso-di-n-propylamine
Concen: 32.31 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023544.D
Acq: 8 Aug 2016 21:33

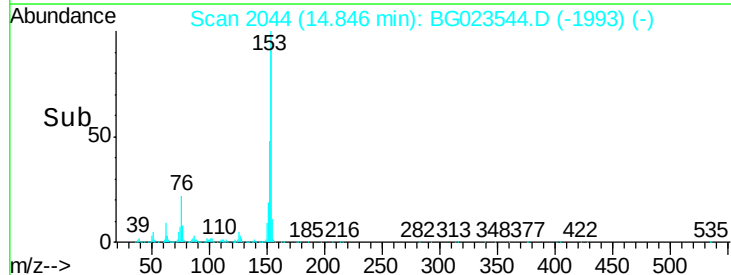
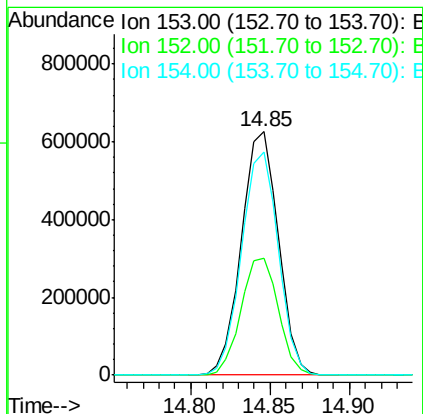
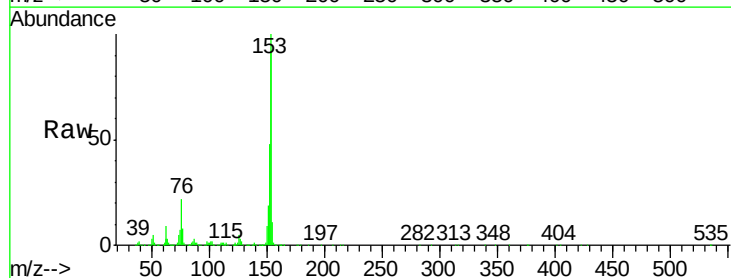
Instrument :
BNA_G
ClientSampleId :
A4V21MS

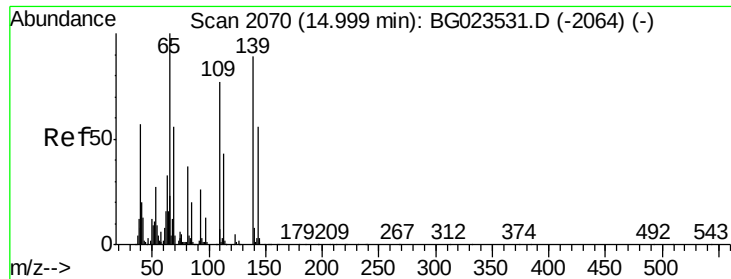
Tgt Ion:	70	Resp:	357197
Ion	Ratio	Lower	Upper
70	100		
42	49.6	31.4	47.2#
101	9.8	8.6	13.0
130	16.1	19.0	28.4#



#49
Acenaphthene
Concen: 31.33 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG023544.D
Acq: 8 Aug 2016 21:33

Tgt Ion:	153	Resp:	1014699
Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.3	55.9
154	91.7	68.2	102.2

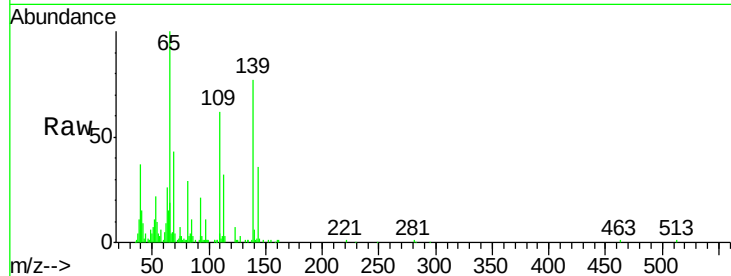




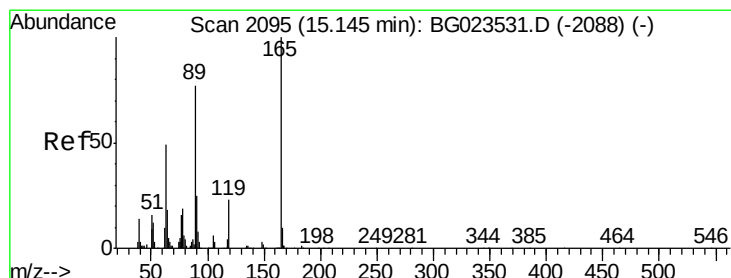
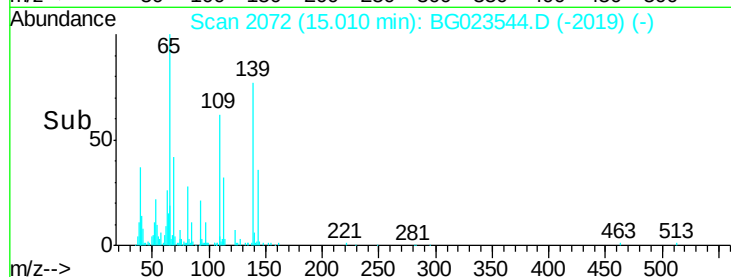
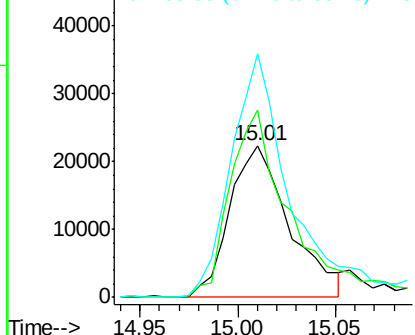
#52
4-Nitrophenol
Concen: 6.85 ng/ul
RT: 15.01 min Scan# 2072
Delta R.T. 0.01 min
Lab File: BG023544.D
Acq: 8 Aug 2016 21:33

Instrument :
BNA_G
ClientSampleId :
A4V21MS

Tgt Ion:109 Resp: 47294
Ion Ratio Lower Upper
109 100
139 123.8 136.1 204.1#
65 160.7 106.0 159.0#

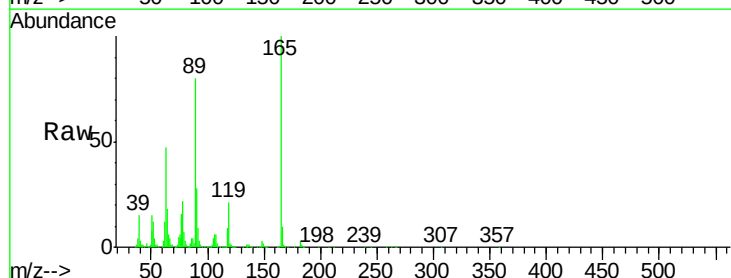


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

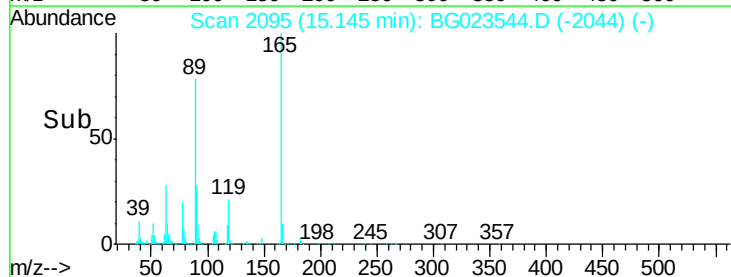
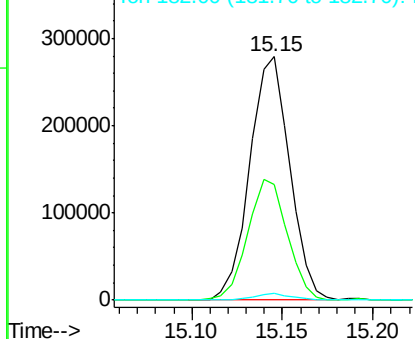


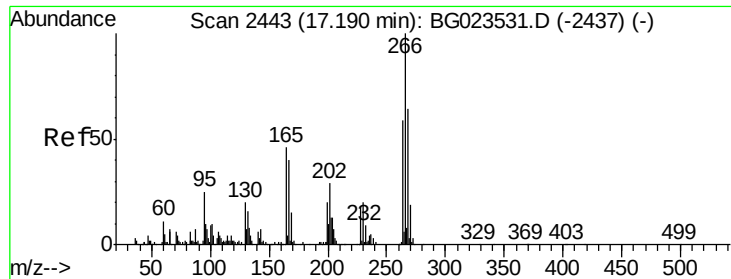
#54
2,4-Dinitrotoluene
Concen: 32.51 ng/ul
RT: 15.15 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG023544.D
Acq: 8 Aug 2016 21:33

Tgt Ion:165 Resp: 427077
Ion Ratio Lower Upper
165 100
63 47.5 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): BGC
Ion 182.00 (181.70 to 182.70): E

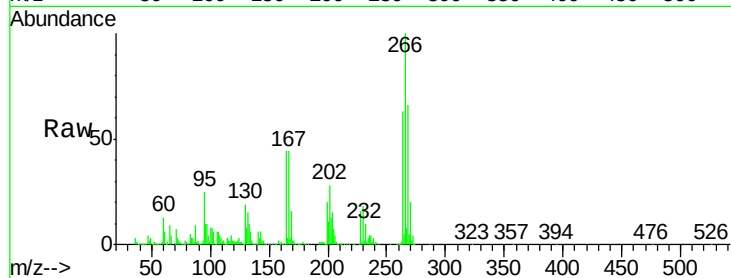




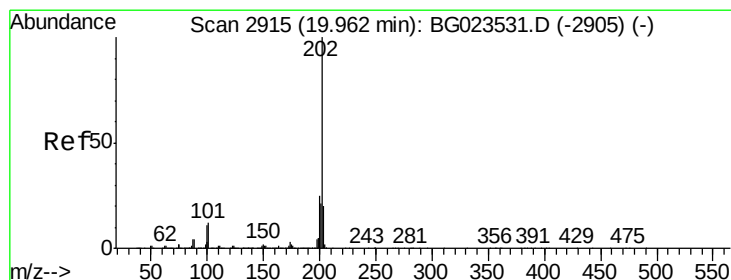
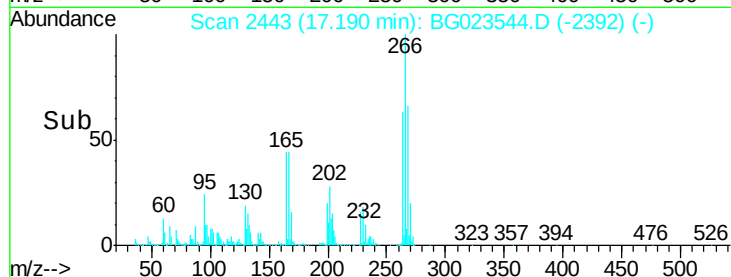
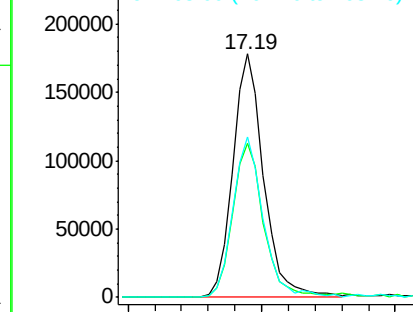
#68
 Pentachlorophenol
 Concen: 35.90 ng/ul
 RT: 17.19 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG023544.D
 Acq: 8 Aug 2016 21:33

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:266 Resp: 288278
 Ion Ratio Lower Upper
 266 100
 264 63.2 54.7 82.1
 268 66.1 57.8 86.8

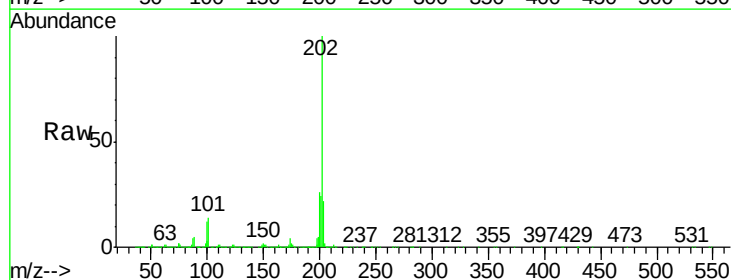


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 31.17 ng/ul
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG023544.D
 Acq: 8 Aug 2016 21:33

Tgt Ion:202 Resp: 2252129
 Ion Ratio Lower Upper
 202 100
 101 13.9 12.5 18.7
 100 11.6 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

