

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
 Data File : BG022856.D
 Acq On : 5 Jul 2016 18:45
 Operator : UM/SJ
 Sample : H3811-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 A4TV6MSD

Manual Integrations

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Quant Time: Jul 14 11:57:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	171114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	824331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	659295	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1444630	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1555467	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1593500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3617	1.18	ng/uL	0.00
5) Phenol-d5	7.30	99	287642	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	165392m	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	184751	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	217799	15.58	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	104931	15.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	122333	15.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	246183	14.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	66595m	4.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	849259	15.86	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1002205	16.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	115452	13.73	ng/ul	0.00
57) Fluorene-d10	15.79	176	812241	16.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	141678	15.25	ng/ul	0.00
70) Anthracene-d10	17.65	188	1073410	15.99	ng/ul	0.00
76) Pyrene-d10	19.93	212	1293881	17.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1221832	16.14	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.33	94	268715m	14.58	ng/ul
10) 2-Chlorophenol	7.72	128	160220	13.10	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.96	70	180876	13.33	ng/ul# 85
33) 4-Chloro-3-methylphenol	12.25	107	281104	13.34	ng/ul# 81
44) Dimethylphthalate	14.24	163	240191	4.39	ng/ul# 95
49) Acenaphthene	14.87	153	578692	13.78	ng/ul 99
52) 4-Nitrophenol	15.01	109	119043	11.13	ng/ul# 62
54) 2,4-Dinitrotoluene	15.15	165	229418	13.40	ng/ul# 76
68) Pentachlorophenol	17.20	266	167728	14.26	ng/ul 91
74) Fluoranthene	19.60	202	87762	1.14	ng/ul# 79
77) Pyrene	19.96	202	1304214	14.98	ng/ul# 85

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

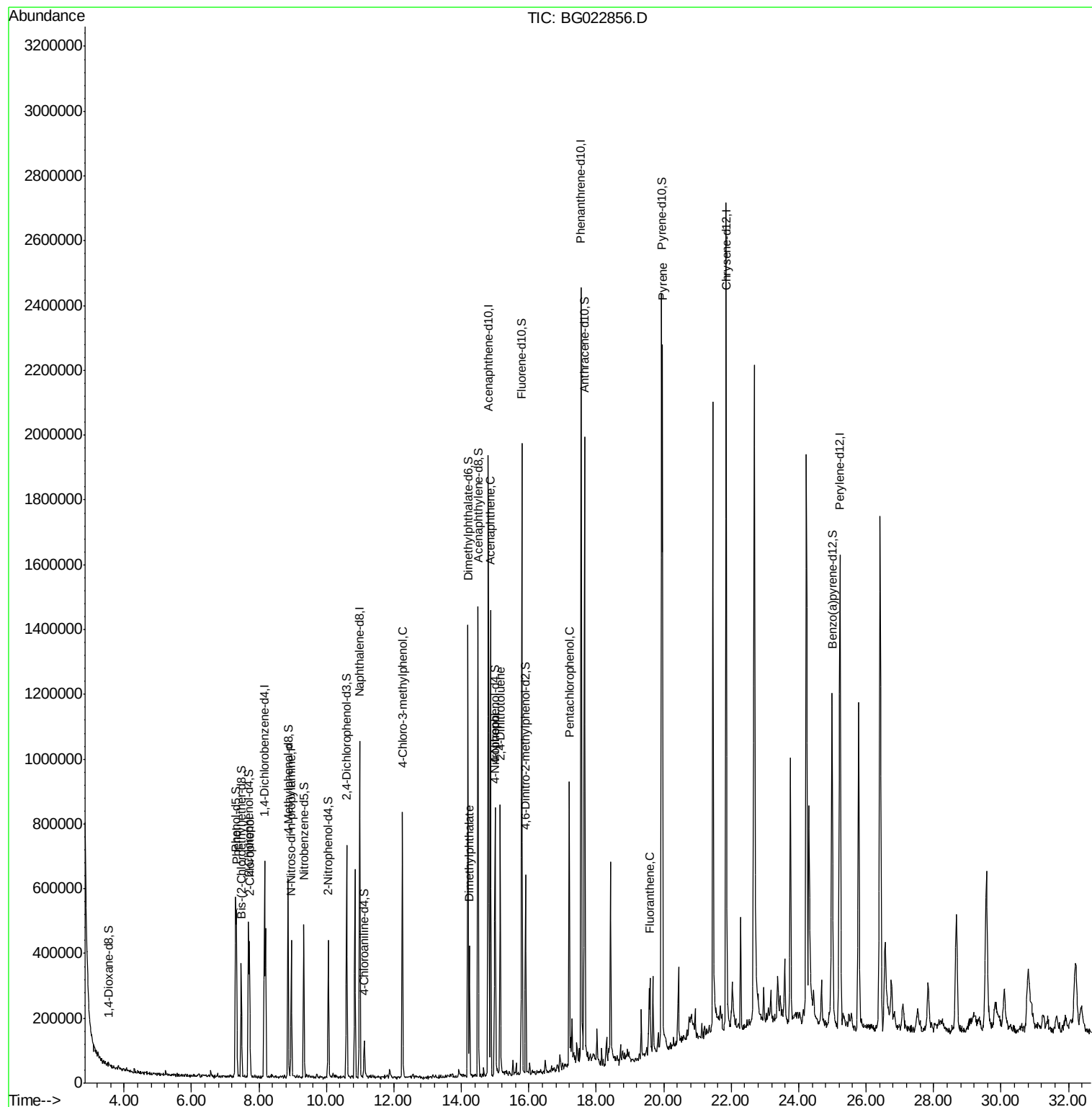
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
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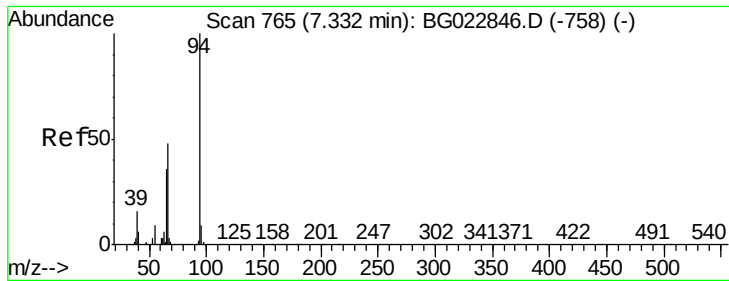
Instrument :
BNA_G
ClientSampleId :
A4TV6MSD

Manual Integrations

Quant Time: Jul 14 11:57:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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#6

Phenol

Concen: 14.58 ng/ul m

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

A4TV6MSD

Tgt Ion: 94 Resp: 268715

Ion Ratio Lower Upper

94 100

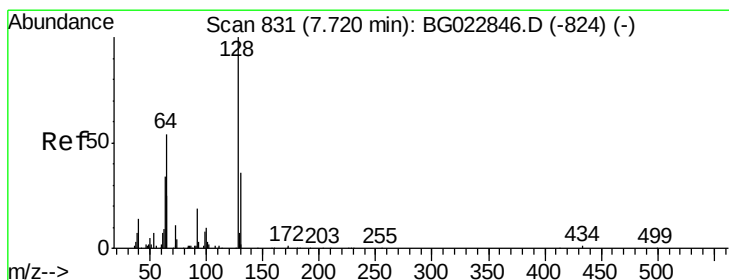
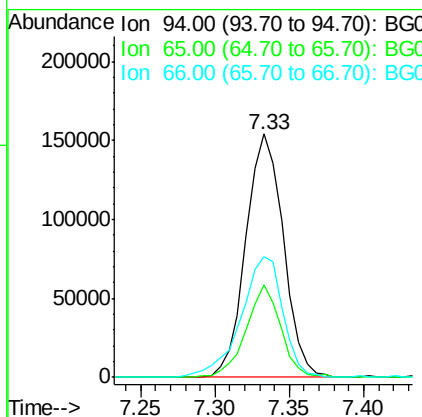
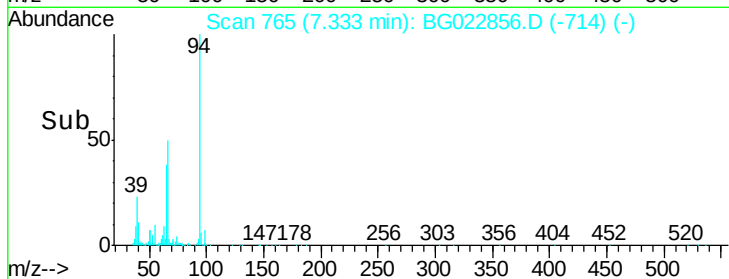
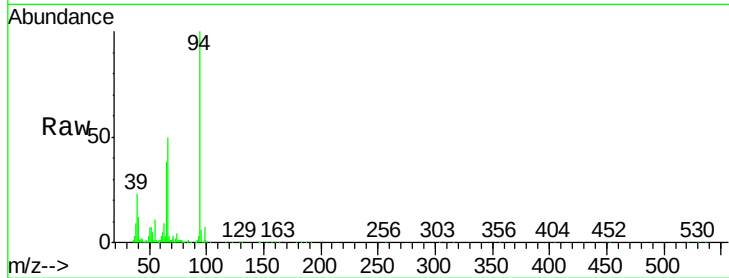
65 37.9 16.8 25.2#

66 49.8 22.6 33.8#

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7/6/2016 7:17:22 PM



#10

2-Chlorophenol

Concen: 13.10 ng/ul

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

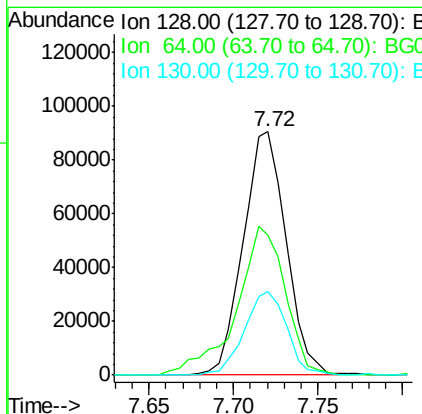
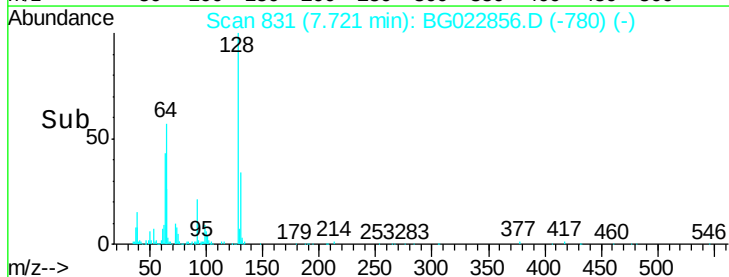
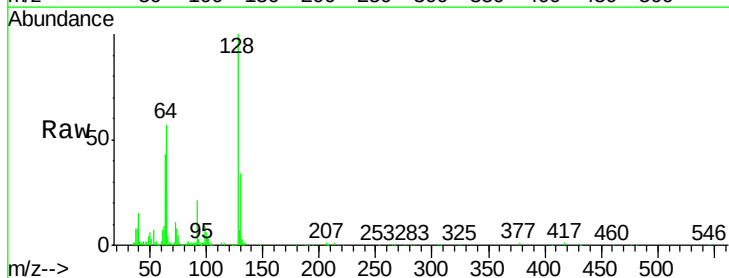
Tgt Ion: 128 Resp: 160220

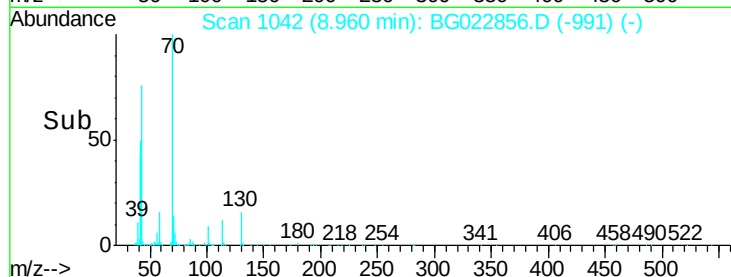
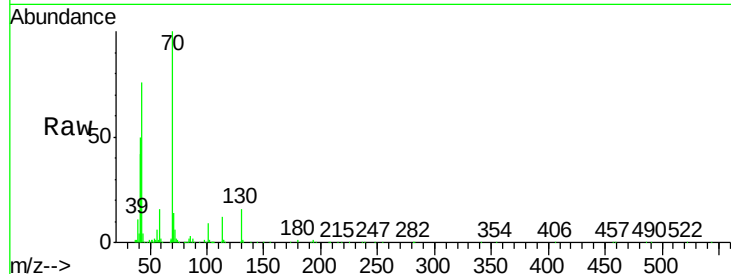
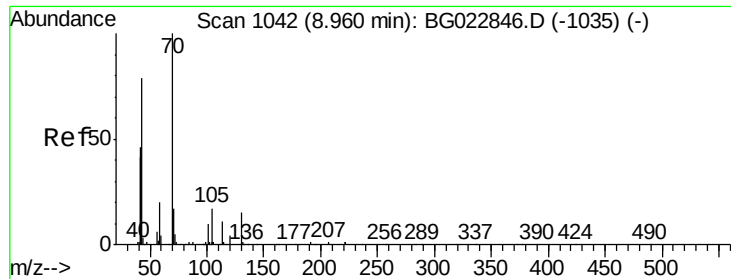
Ion Ratio Lower Upper

128 100

64 57.3 34.2 51.4#

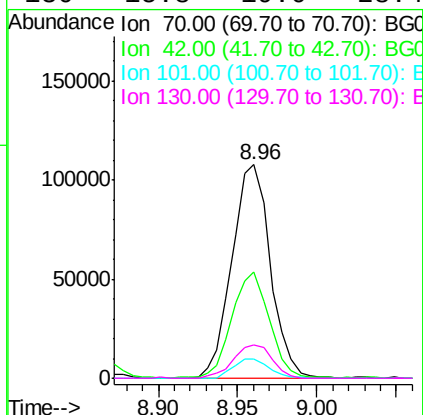
130 34.3 27.0 40.4





#15
N-Nitroso-di-n-propylamine
Concen: 13.33 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG022856.D
Acq: 5 Jul 2016 18:45

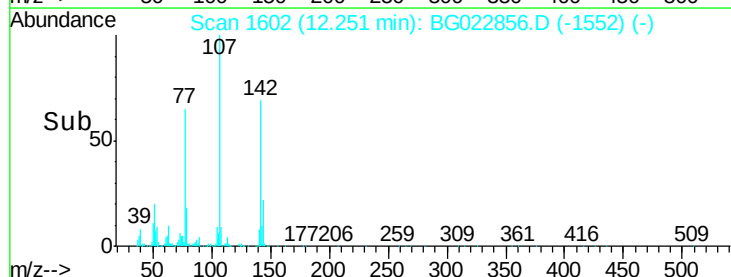
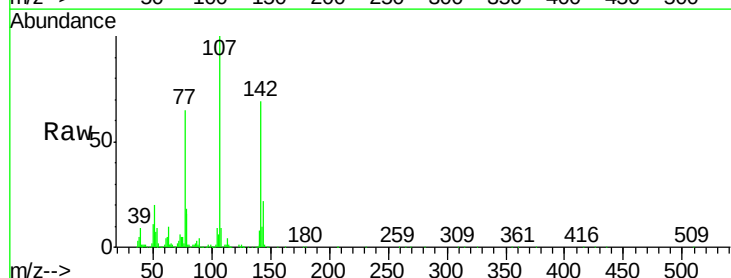
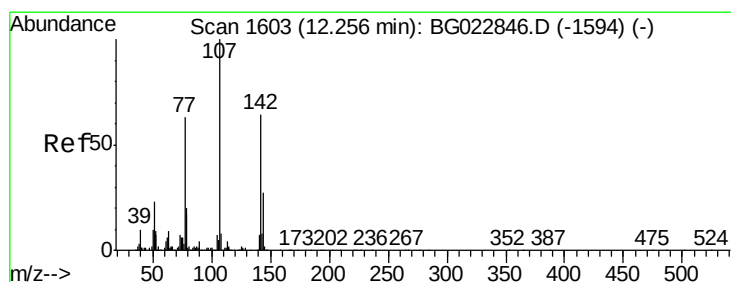
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.9	31.4	47.2#
101	8.9	8.6	13.0
130	15.8	19.0	28.4#



Instrument :
BNA_G
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A4TV6MSD

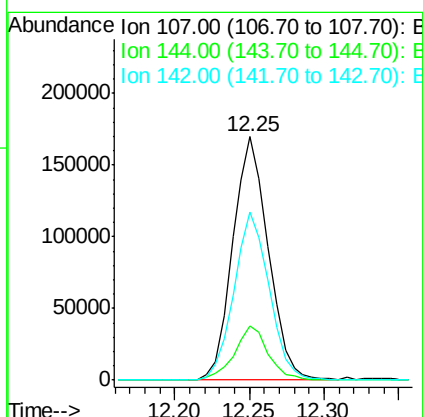
Manual Integrations

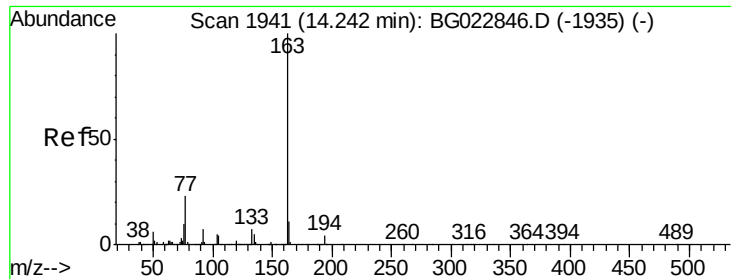
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#33
4-Chloro-3-methylphenol
Concen: 13.34 ng/ul
RT: 12.25 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG022856.D
Acq: 5 Jul 2016 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	22.7	34.1#
142	69.1	71.6	107.4#





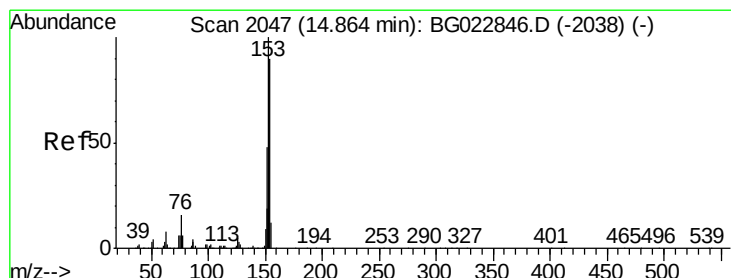
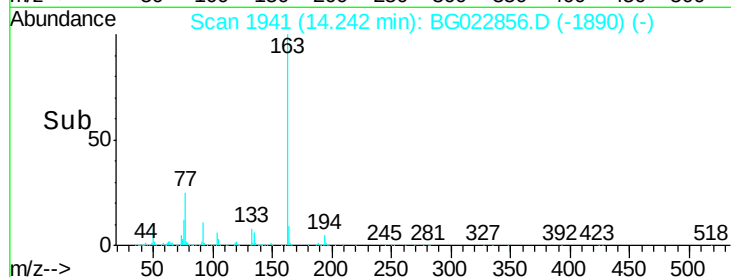
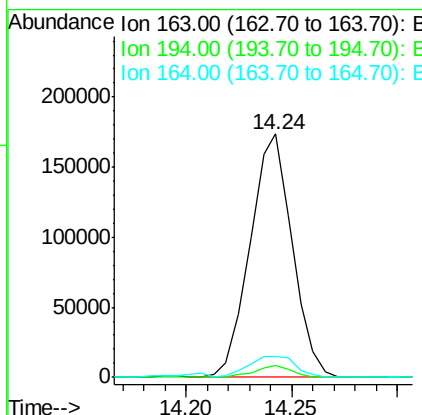
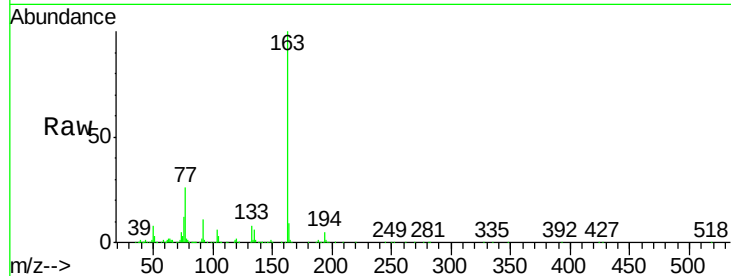
#44
Dimethylphthalate
Concen: 4.39 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG022856.D
Acq: 5 Jul 2016 18:45

Instrument :
BNA_G
ClientSampleId :
A4TV6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	240191		
194	4.7	3.4	5.2	
164	8.6	8.8	13.2	

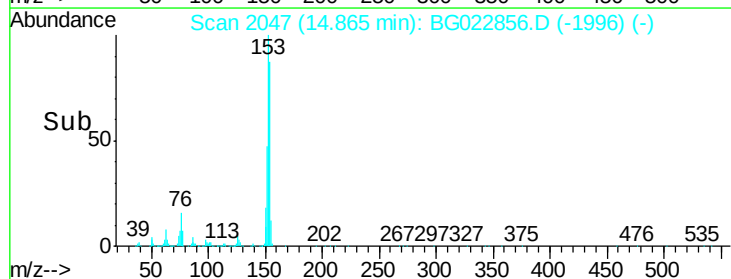
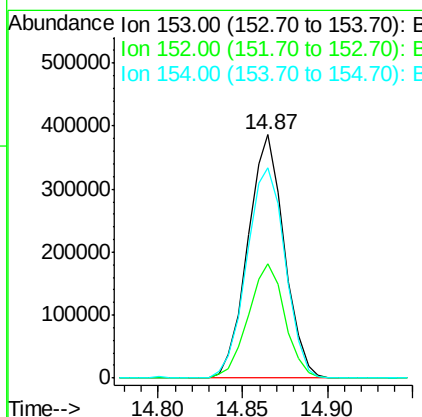
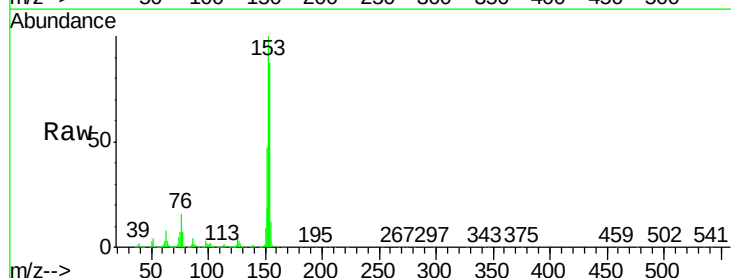
Manual Integrations

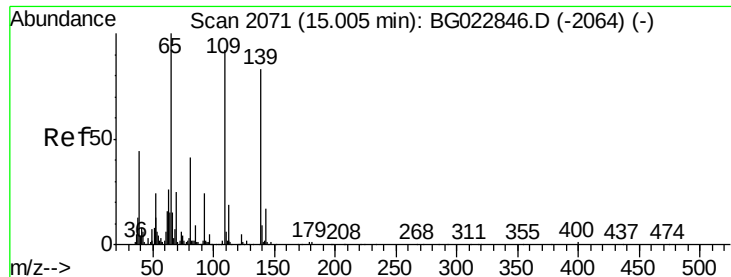
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#49
Acenaphthene
Concen: 13.78 ng/ul
RT: 14.87 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG022856.D
Acq: 5 Jul 2016 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	578692		
152	46.8	37.3	55.9	
154	86.6	68.2	102.2	





#52

4-Nitrophenol

Concen: 11.13 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG022856.D

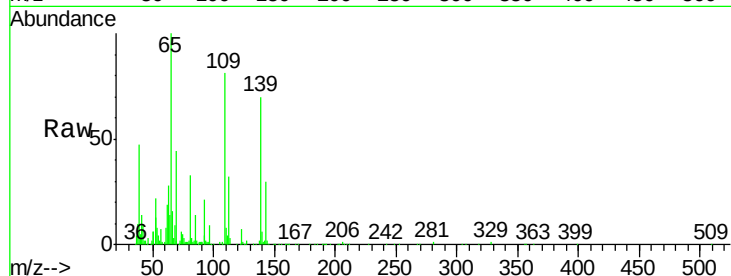
Acq: 5 Jul 2016 18:45

Instrument :

BNA_G

ClientSampleId :

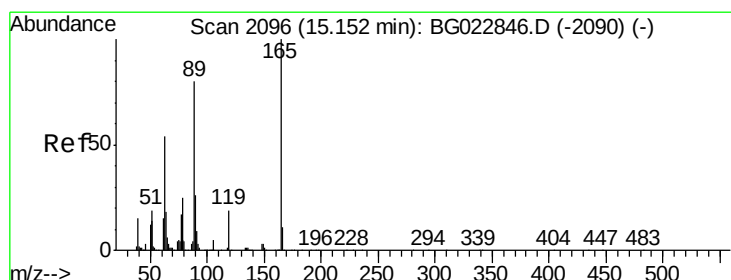
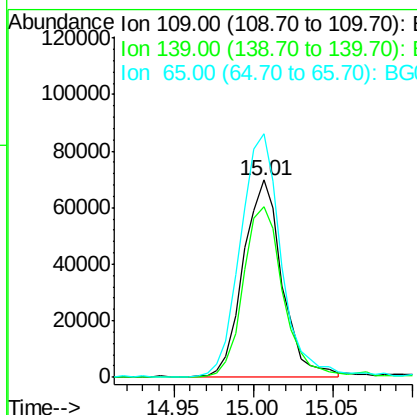
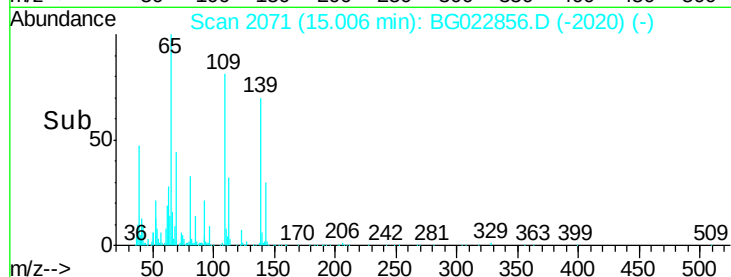
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Tgt Ion:	109	Resp:	119043
Ion Ratio	Lower	Upper	
109	100		
139	86.6	136.1	204.1#
65	123.5	106.0	159.0

Manual Integrations

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#54

2,4-Dinitrotoluene

Concen: 13.40 ng/ul

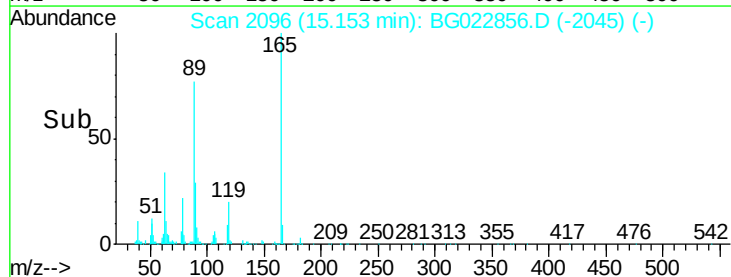
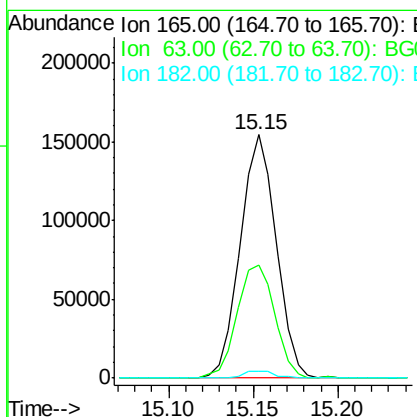
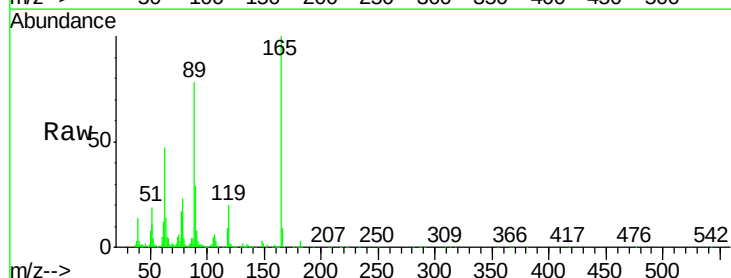
RT: 15.15 min Scan# 2096

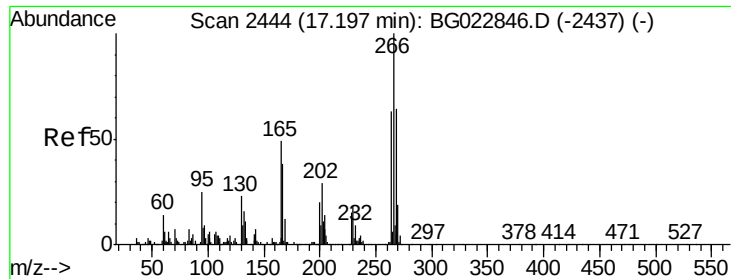
Delta R.T. 0.00 min

Lab File: BG022856.D

Acq: 5 Jul 2016 18:45

Tgt Ion:	165	Resp:	229418
Ion Ratio	Lower	Upper	
165	100		
63	46.6	25.7	38.5#
182	2.9	2.1	3.1





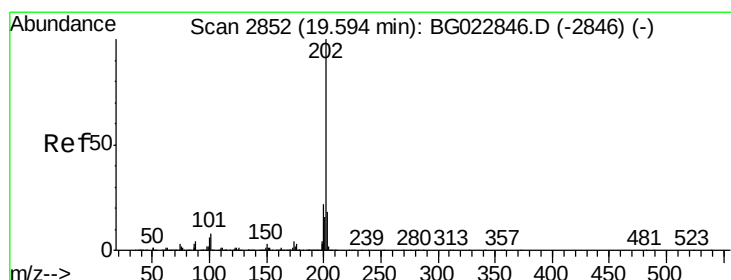
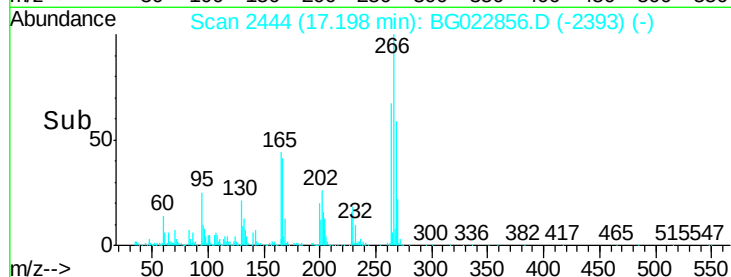
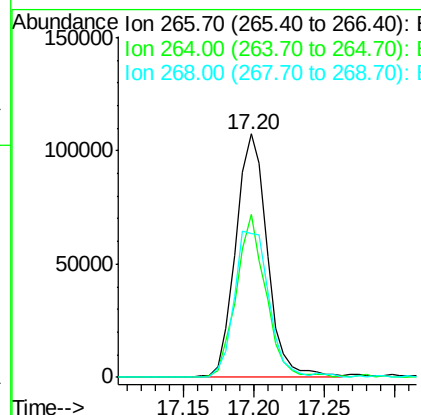
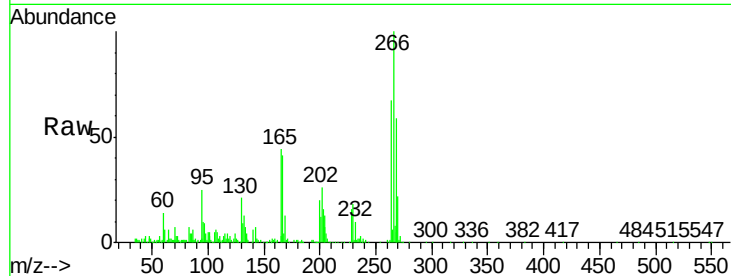
#68
 Pentachlorophenol
 Concen: 14.26 ng/ul
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG022856.D
 Acq: 5 Jul 2016 18:45

Instrument :
 BNA_G
 ClientSampleId :
 A4TV6MSD

Tgt Ion:	266	Resp:	167728
Ion Ratio	Lower	Upper	
266	100		
264	67.1	54.7	82.1
268	59.2	57.8	86.8

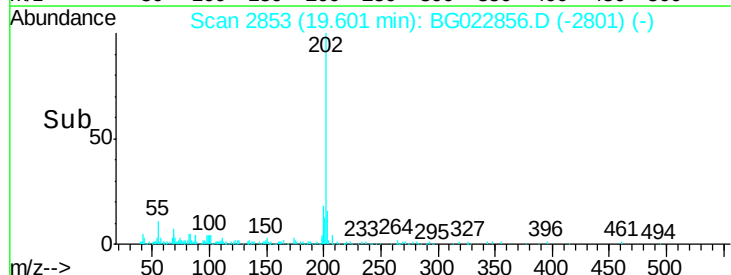
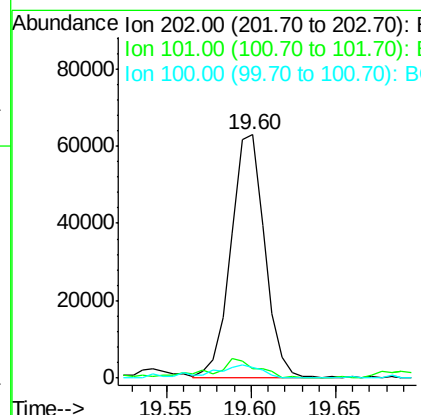
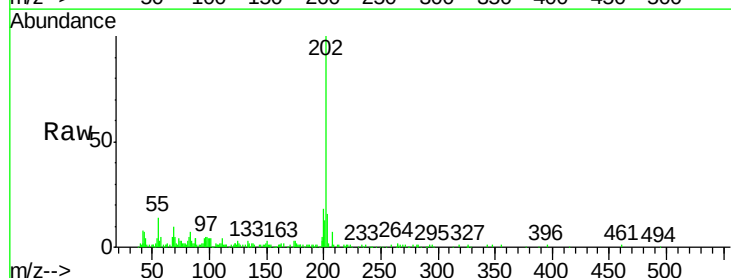
Manual Integrations

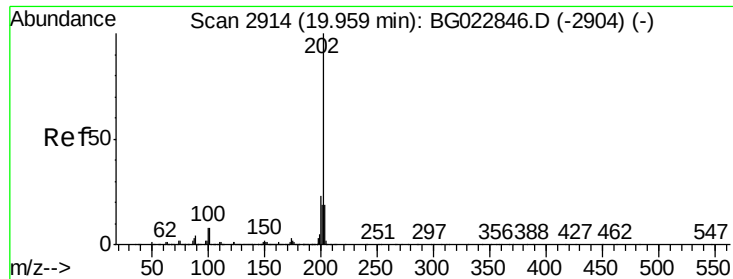
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#74
 Fluoranthene
 Concen: 1.14 ng/ul
 RT: 19.60 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: BG022856.D
 Acq: 5 Jul 2016 18:45

Tgt Ion:	202	Resp:	87762
Ion Ratio	Lower	Upper	
202	100		
101	4.0	10.6	16.0#
100	4.2	8.7	13.1#





#77
 Pyrene
 Concen: 14.98 ng/ul
 RT: 19.96 min Scan# 2914
 Delta R.T. 0.00 min
 Lab File: BG022856.D
 Acq: 5 Jul 2016 18:45

Instrument :
 BNA_G
 ClientSampleId :
 A4TV6MSD

Tgt Ion: 202 Resp: 1304214
 Ion Ratio Lower Upper
 202 100
 101 8.4 12.5 18.7#
 100 7.7 10.2 15.4#

Manual Integrations

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