

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027402.D
 Acq On : 14 Jun 2017 1:38
 Operator : SJ/MA
 Sample : I3629-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1MSD

Manual Integrations
 APPROVED

Quant Time: Jun 14 07:36:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	49748	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	223985	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	136461	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	336924	20.00	ng	-0.04
75) Chrysene-d12	22.26	240	415621	20.00	ng	-0.05
86) Perylene-d12	25.92	264	389156	20.00	ng	-0.10

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System Monitoring Compounds

5) 2-Fluorophenol	6.13	112	501885	153.95	ng	-0.02
7) Phenol-d6	7.68	99	658716	137.65	ng	-0.02
23) Nitrobenzene-d5	9.71	82	429006	120.45	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	315498	175.57	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	870951	89.29	ng	-0.04
78) Terphenyl-d14	20.45	244	1644767	100.95	ng	-0.05

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Target Compounds

						Qvalue
2) 1,4-Dioxane	4.15	88	60400	44.68	ng	94
3) Pyridine	4.54	79	163519	39.24	ng	# 79
4) n-Nitrosodimethylamine	4.44	42	80262	52.02	ng	# 51
6) Aniline	7.88	93	172137	28.56	ng	94
8) 2-Chlorophenol	8.11	128	170908	49.65	ng	95
9) Benzaldehyde	7.69	77	72538	21.92	ng	91
10) Phenol	7.71	94	233620	47.74	ng	79
11) bis(2-Chloroethyl)ether	7.95	93	195083	48.59	ng	90
12) 1,3-Dichlorobenzene	8.44	146	167494	43.14	ng	93
13) 1,4-Dichlorobenzene	8.58	146	172466	43.28	ng	96
14) 1,2-Dichlorobenzene	8.90	146	164224	42.25	ng	96
15) Benzyl Alcohol	8.77	79	178821	53.03	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.05	45	305973	53.26	ng	94
17) 2-Methylphenol	8.96	107	163446	47.25	ng	# 88
18) Hexachloroethane	9.64	117	63515	47.32	ng	83
19) n-Nitroso-di-n-propylamine	9.33	70	157244	46.97	ng	88
20) 3+4-Methylphenols	9.28	107	222729	46.48	ng	90
22) Acetophenone	9.36	105	273903	47.82	ng	# 87
24) Nitrobenzene	9.75	77	220343	54.30	ng	91
25) Isophorone	10.26	82	426101	50.88	ng	# 96
26) 2-Nitrophenol	10.46	139	87740	51.78	ng	# 85
27) 2,4-Dimethylphenol	10.49	122	182110	50.57	ng	93
28) bis(2-Chloroethoxy)methane	10.73	93	254408	46.92	ng	100
29) 2,4-Dichlorophenol	10.99	162	163482	49.73	ng	97
30) 1,2,4-Trichlorobenzene	11.21	180	160380	44.06	ng	96
31) Naphthalene	11.41	128	549441	44.88	ng	98
32) Benzoic acid	10.56	122	25566	16.57	ng	86
34) Hexachlorobutadiene	11.68	225	100260	44.82	ng	99
35) Caprolactam	12.28	113	56288m	49.93	ng	
36) 4-Chloro-3-methylphenol	12.59	107	214322	52.02	ng	96
37) 2-Methylnaphthalene	12.97	142	382411	42.83	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	186365	43.84	ng	97
40) Hexachlorocyclopentadiene	13.31	237	222282	98.24	ng	95
42) 2,4,6-Trichlorophenol	13.56	196	134061	51.99	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.63	196	149919	51.96	nq	97
45) 1,1'-Biphenyl	13.95	154	504171	45.26	nq	94
46) 2-Chloronaphthalene	14.01	162	382950	45.86	nq	97
47) 2-Nitroaniline	14.20	65	157485	63.71	nq	91
48) Acenaphthylene	14.85	152	621713	43.99	nq	97
49) Dimethylphthalate	14.56	163	522107	48.23	nq	97
50) 2,6-Dinitrotoluene	14.68	165	111309	50.31	nq	# 84
51) Acenaphthene	15.19	154	405935	44.16	nq	97
52) 3-Nitroaniline	15.02	138	48368	24.19	nq	91
53) 2,4-Dinitrophenol	15.21	184	44068	50.52	nq	# 70
54) Dibenzofuran	15.52	168	616861	48.02	nq	94
55) 4-Nitrophenol	15.31	139	182301	88.45	nq	# 62
56) 2,4-Dinitrotoluene	15.46	165	159642	55.47	nq	# 93
57) Fluorene	16.16	166	512173	44.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.73	232	141785	55.05	nq	97
59) Diethylphthalate	15.91	149	547540	50.71	nq	98
60) 4-Chlorophenyl-phenylether	16.15	204	260475	45.32	nq	96
61) 4-Nitroaniline	16.18	138	135669	56.88	nq	# 70
62) Azobenzene	16.44	77	586451	58.60	nq	90
64) 4,6-Dinitro-2-methylphenol	16.23	198	48926	36.28	nq	88
65) n-Nitrosodiphenylamine	16.36	169	471770	44.66	nq	98
66) 4-Bromophenyl-phenylether	17.04	248	173455	43.50	nq	95
67) Hexachlorobenzene	17.17	284	189696	44.23	nq	92
68) Atrazine	17.30	200	184897	52.35	nq	96
69) Pentachlorophenol	17.51	266	180310	71.72	nq	98
70) Phenanthrene	17.91	178	868350	45.81	nq	96
71) Anthracene	18.00	178	883620	46.53	nq	98
72) Carbazole	18.27	167	827879	46.22	nq	96
73) Di-n-butylphthalate	18.80	149	1013445	58.35	nq	# 94
74) Fluoranthene	19.91	202	1052892	51.99	nq	93
76) Benzidine	20.08	184	608560	48.61	nq	97
77) Pyrene	20.27	202	1087237	43.30	nq	97
79) Butylbenzylphthalate	21.15	149	478729	53.95	nq	96
80) Benzo(a)anthracene	22.23	228	1107847	46.74	nq	95
81) 3,3'-Dichlorobenzidine	22.13	252	200286	21.72	nq	98
82) Chrysene	22.31	228	1031452	45.33	nq	95
83) Bis(2-ethylhexyl)phthalate	22.09	149	672591	50.16	nq	99
84) Di-n-octyl phthalate	23.45	149	1161572	52.30	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.15	276	1315042	47.72	nq	# 89
87) Benzo(b)fluoranthene	24.75	252	1147353	47.54	nq	# 96
88) Benzo(k)fluoranthene	24.83	252	1093799	46.20	nq	# 94
89) Benzo(a)pyrene	25.75	252	1085090	47.76	nq	# 95
90) Dibenzo(a,h)anthracene	30.23	278	1125016	47.30	nq	# 94
91) Benzo(g,h,i)perylene	31.48	276	1062422	46.13	nq	# 90

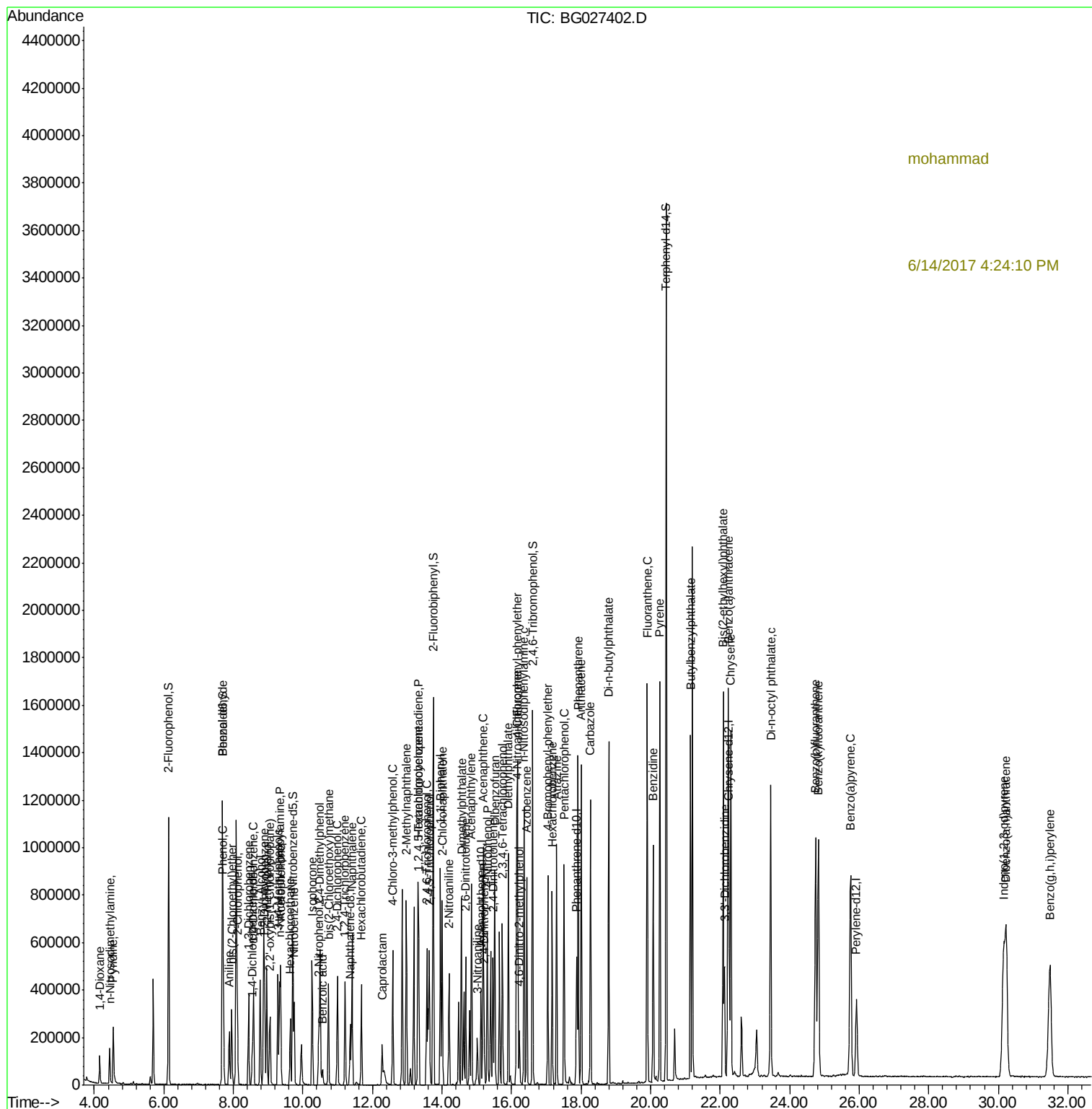
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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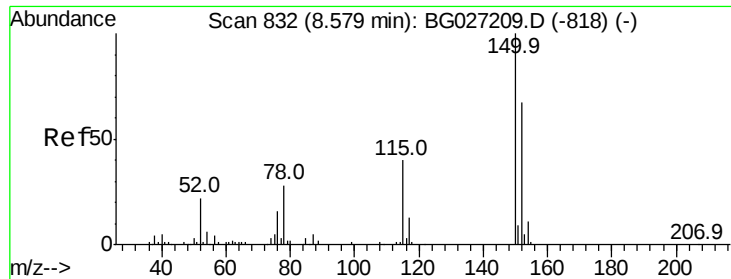
Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion:152 Resp: 49748

Ion Ratio Lower Upper

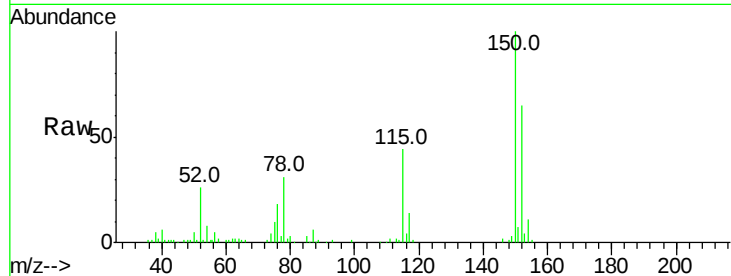
152 100

150 154.6 114.0 171.0

115 67.9 48.1 72.1

Manual Integrations

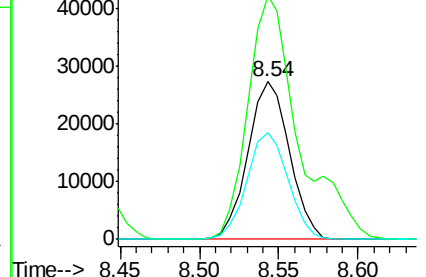
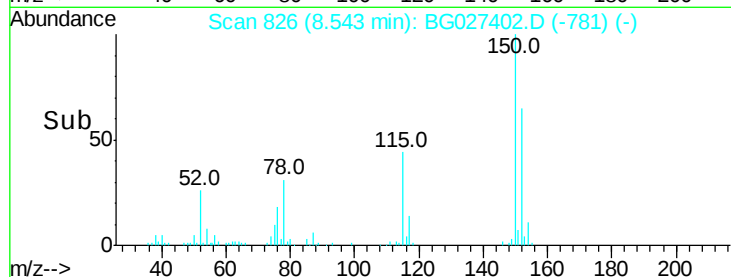
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Abundance Ion 152.00 (151.70 to 152.70): E

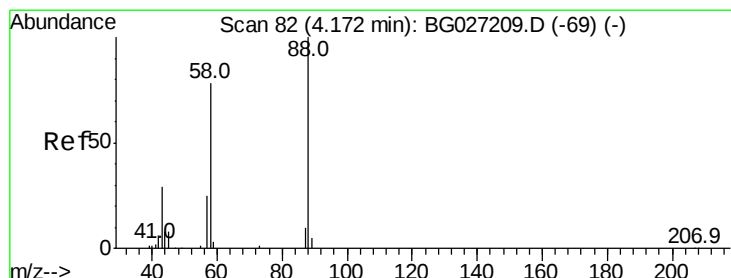
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 44.68 ng

RT: 4.15 min Scan# 79

Delta R.T. -0.02 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

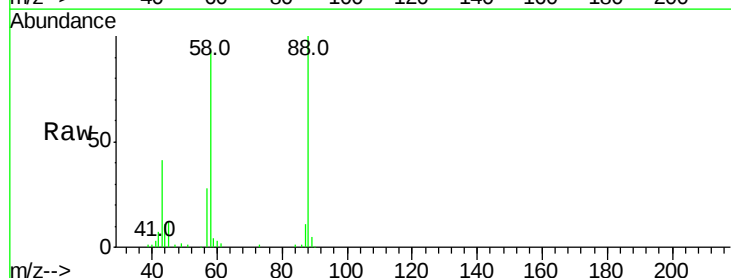
Tgt Ion: 88 Resp: 60400

Ion Ratio Lower Upper

88 100

58 91.1 79.4 119.2

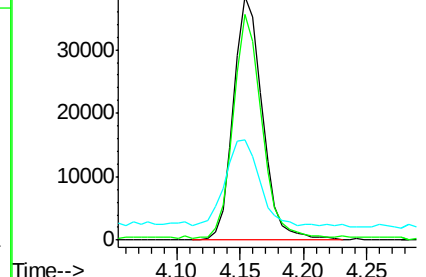
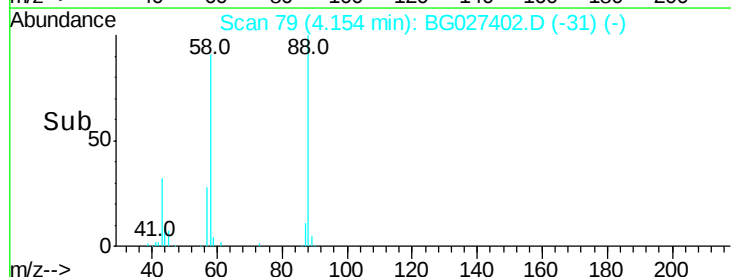
43 41.8 33.8 50.6

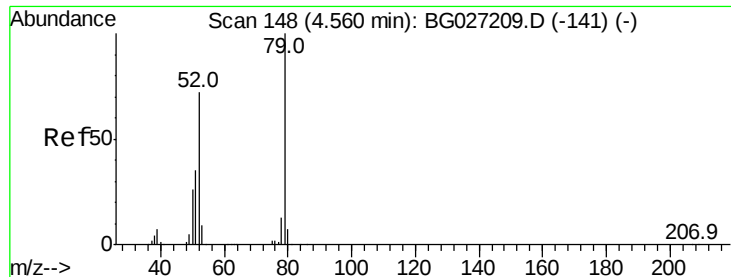


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.24 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

BNA_G

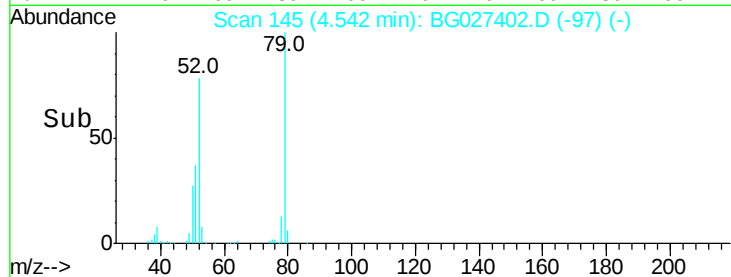
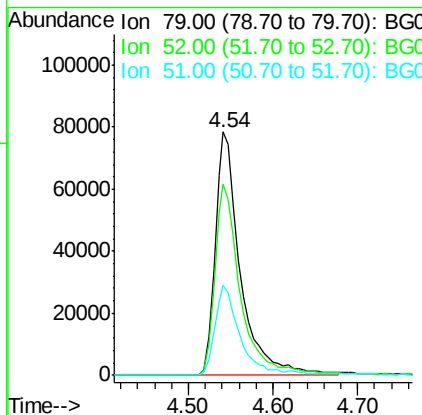
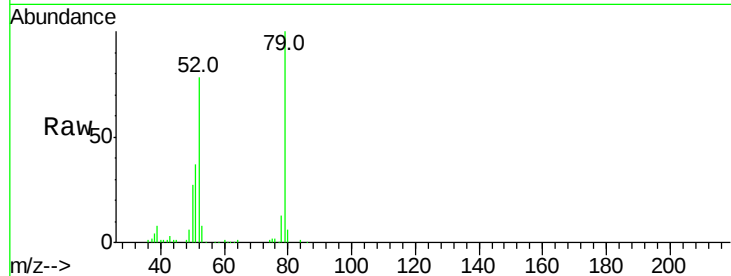
ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion: 79 Resp: 163519

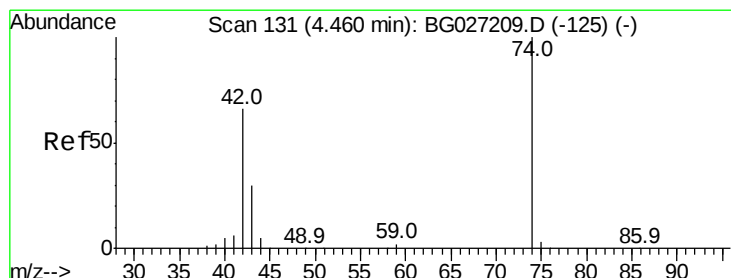
Ion	Ratio	Lower	Upper
79	100		
52	78.4	77.8	116.6
51	37.0	43.2	64.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.02 ng

RT: 4.44 min Scan# 128

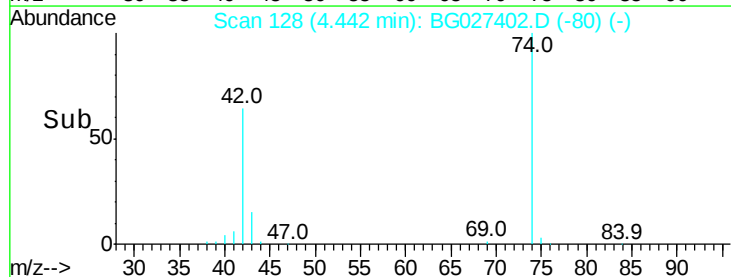
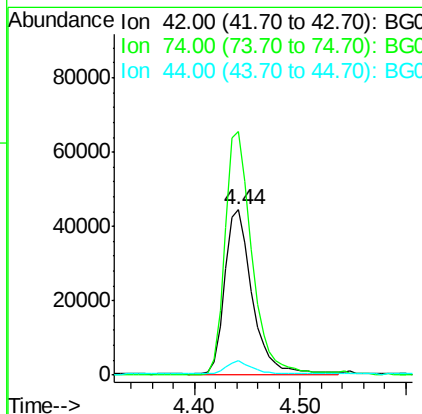
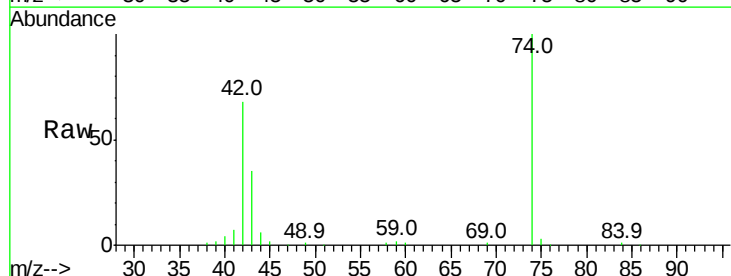
Delta R.T. -0.02 min

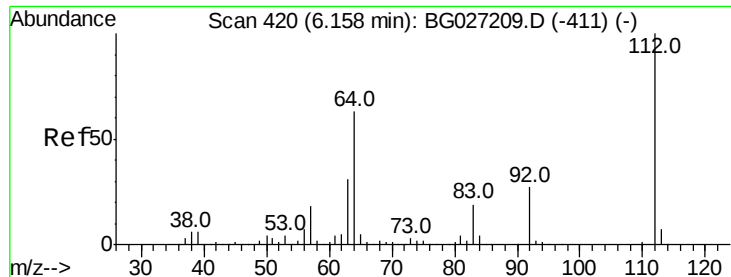
Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion: 42 Resp: 80262

Ion	Ratio	Lower	Upper
42	100		
74	147.2	76.7	115.1
44	8.8	6.1	9.1





#5

2-Fluorophenol

Concen: 153.95 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

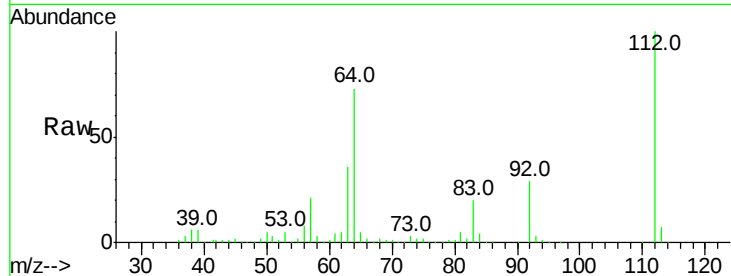
BNA_G

ClientSampleId :

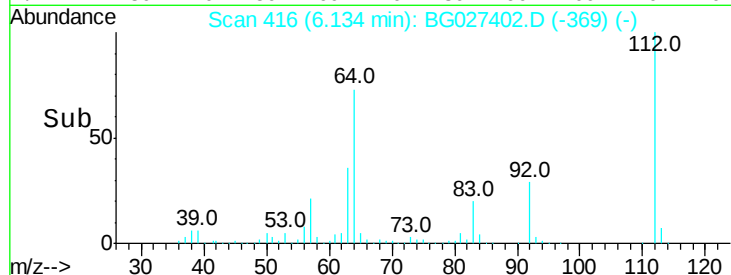
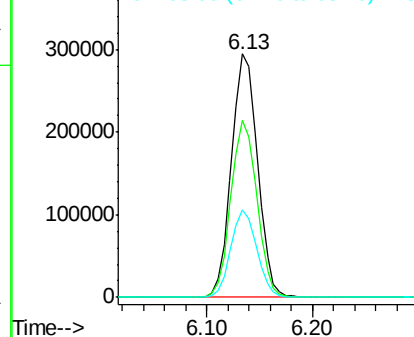
CLINTON-AVE-SP-COMP-1MSD

Tot Ion:	112	Resp:	501885
Ion Ratio	Lower	Upper	
112	100		
64	72.6	61.8	92.6
63	35.8	37.2	55.8

Manual Integrations
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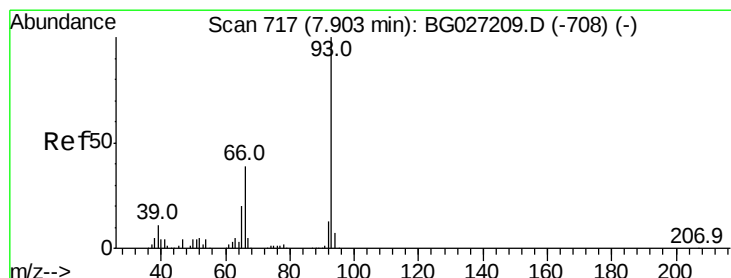


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 28.56 ng

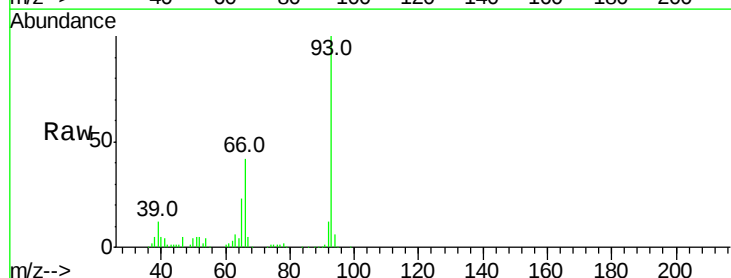
RT: 7.88 min Scan# 713

Delta R.T. -0.02 min

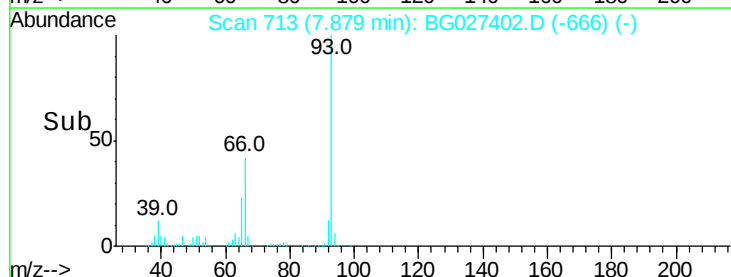
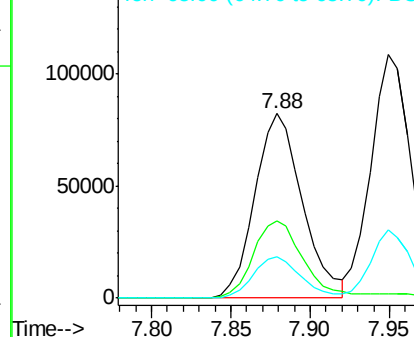
Lab File: BG027402.D

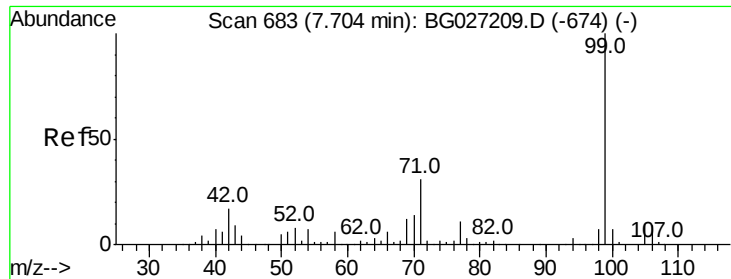
Acq: 14 Jun 2017 1:38

Tgt Ion:	93	Resp:	172137
Ion Ratio	Lower	Upper	
93	100		
66	41.6	35.4	53.2
65	22.5	21.2	31.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.65 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

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BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion: 99 Resp: 658716

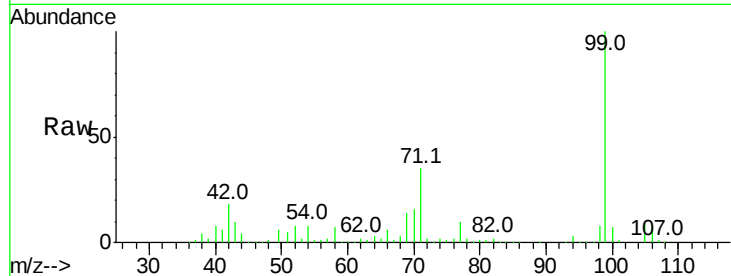
Ion Ratio Lower Upper

99 100

42 17.7 20.5 30.7#

71 34.6 37.6 56.4#

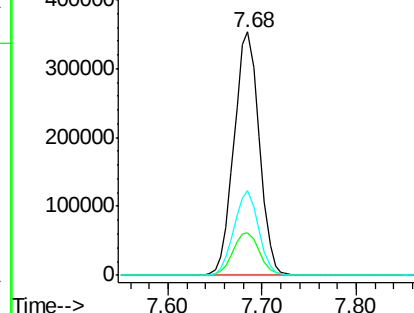
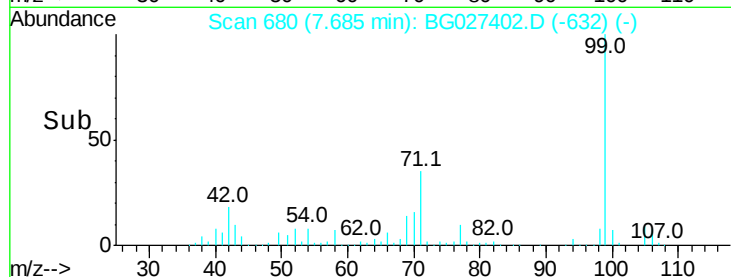
Manual Integrations
APPROVED



Abundance Ion 99.00 (98.70 to 99.70): BGC

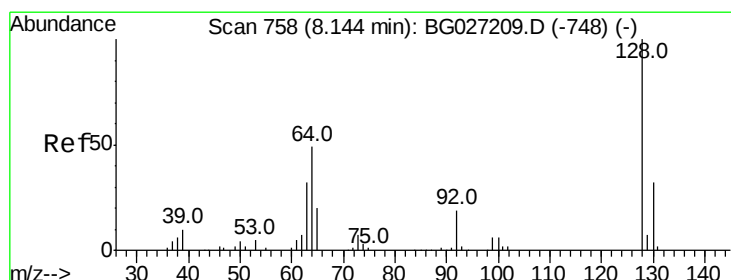
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 49.65 ng

RT: 8.11 min Scan# 753

Delta R.T. -0.03 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

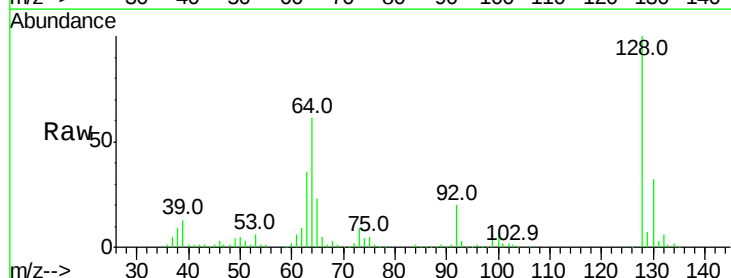
Tgt Ion: 128 Resp: 170908

Ion Ratio Lower Upper

128 100

130 32.3 11.4 51.4

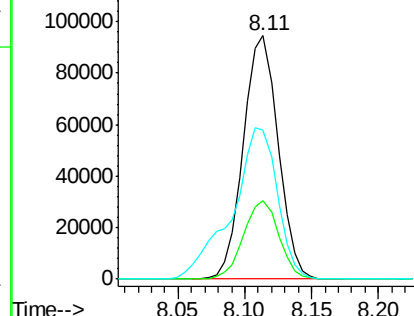
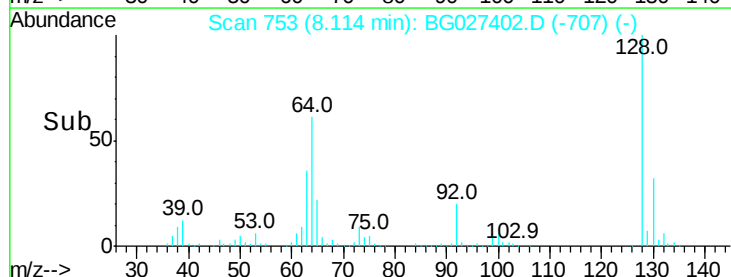
64 61.3 46.6 86.6

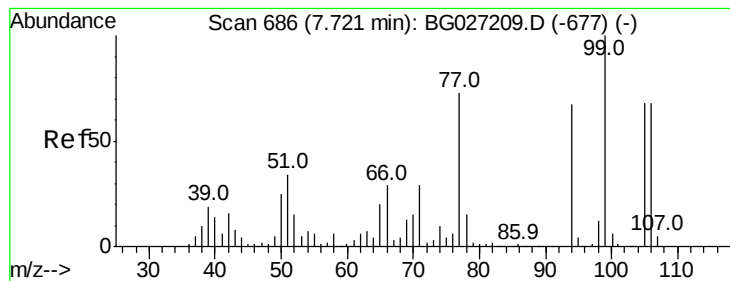


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.92 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.03 min

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Acq: 14 Jun 2017 1:38

Instrument :

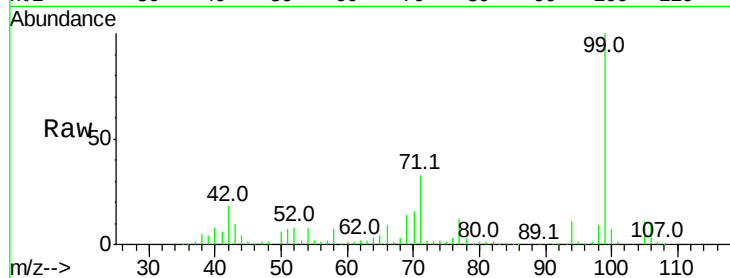
BNA_G

ClientSampleId :

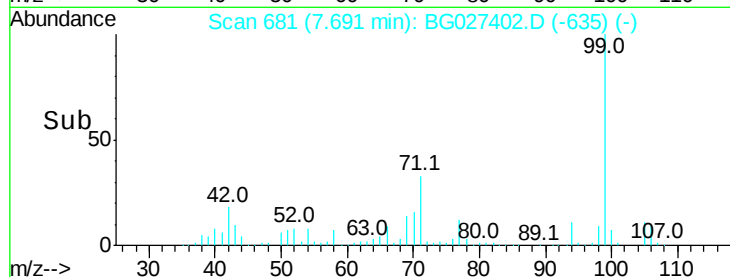
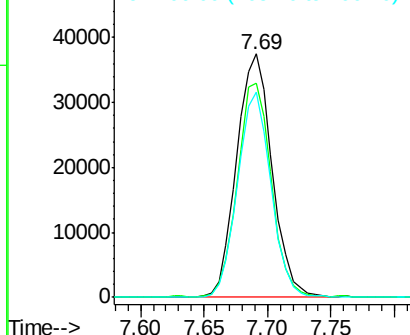
CLINTON-AVE-SP-COMP-1MSD

Tot Ion:	77	Resp:	72538
Ion	Ratio	Lower	Upper
77	100		
105	88.0	60.9	100.9
106	84.1	55.1	95.1

Manual Integrations
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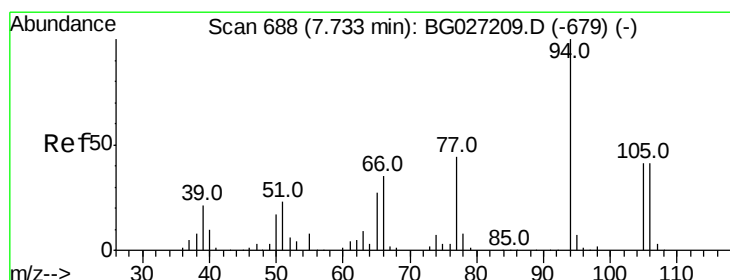


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



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#10

Phenol

Concen: 47.74 ng

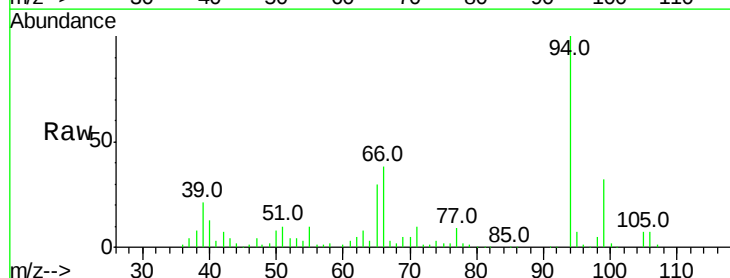
RT: 7.71 min Scan# 684

Delta R.T. -0.02 min

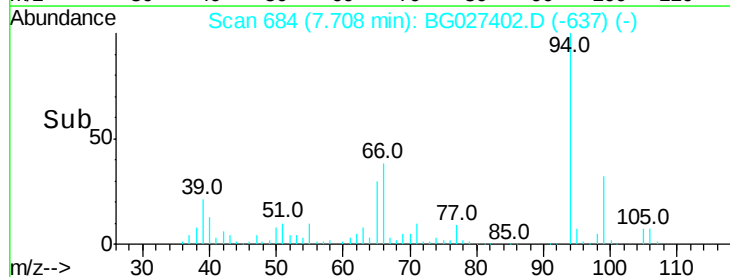
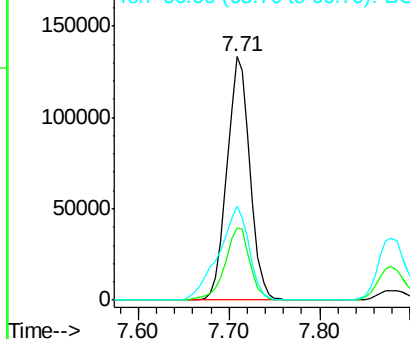
Lab File: BG027402.D

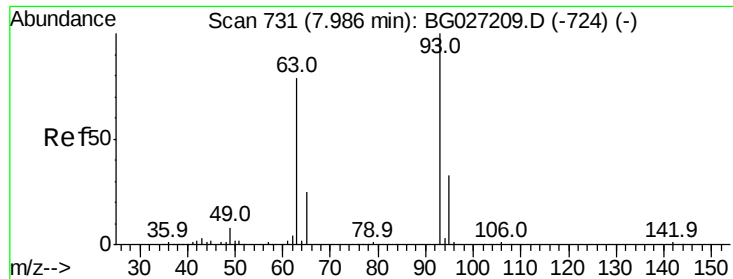
Acq: 14 Jun 2017 1:38

Tgt Ion:	94	Resp:	233620
Ion	Ratio	Lower	Upper
94	100		
65	29.7	20.6	60.6
66	38.4	35.5	75.5



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



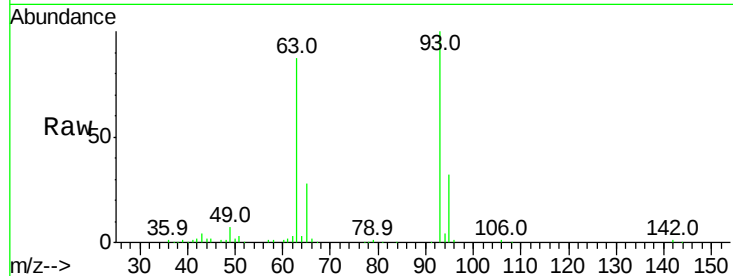


#11
bis(2-Chloroethyl)ether
Concen: 48.59 ng
RT: 7.95 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	195083		
63	86.9		78.5	118.5
95	31.9		9.8	49.8

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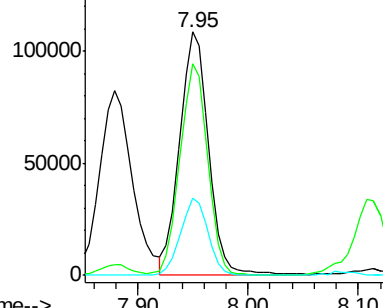


Abundance

Ion 93.00 (92.70 to 93.70): BGC

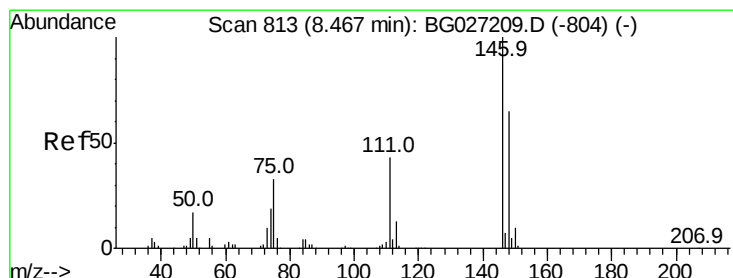
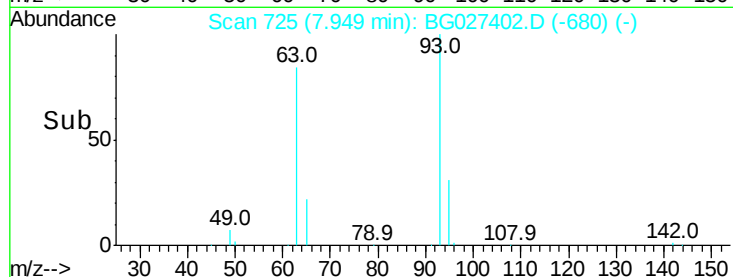
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



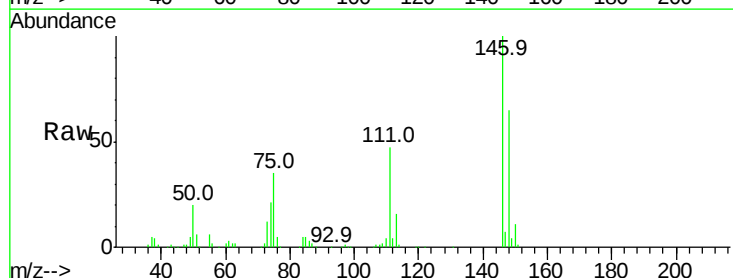
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#12
1,3-Dichlorobenzene
Concen: 43.14 ng
RT: 8.44 min Scan# 808
Delta R.T. -0.03 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167494		
148	64.6		49.2	73.8
75	35.2		33.4	50.2

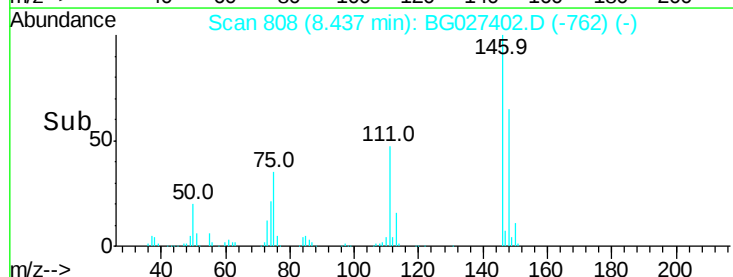
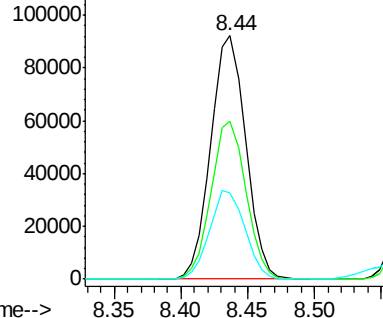


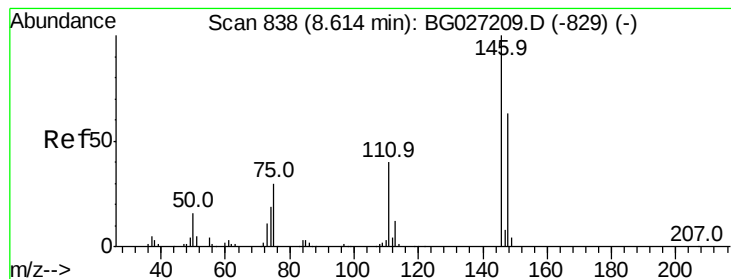
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.28 ng

RT: 8.58 min Scan# 832

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

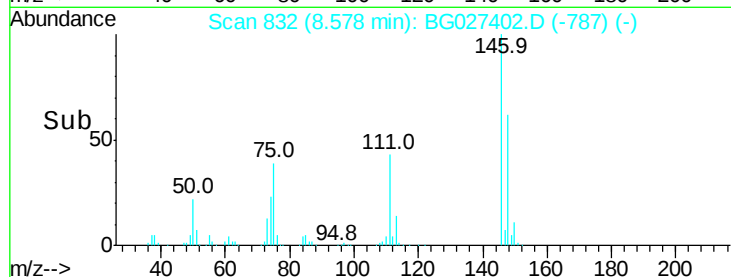
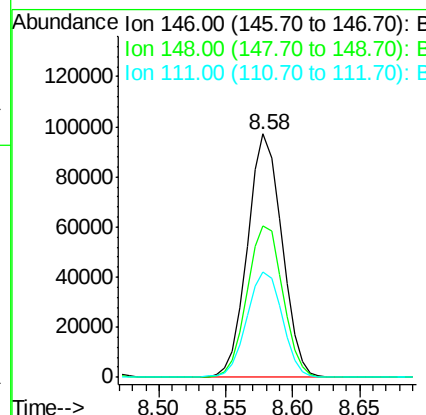
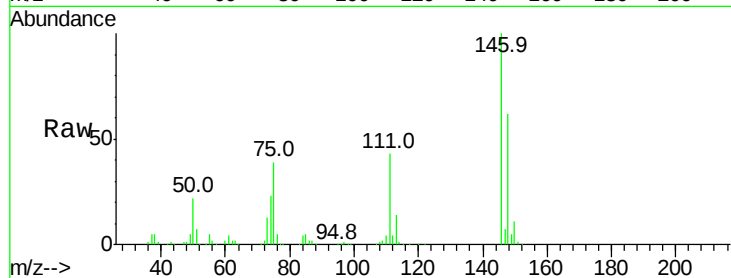
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

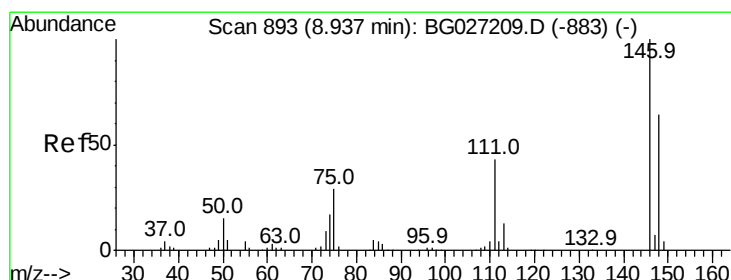
Tot Ion:	146	Resp:	172466
Ion Ratio	Lower	Upper	
146	100		
148	62.1	52.2	78.2
111	43.4	37.0	55.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.25 ng

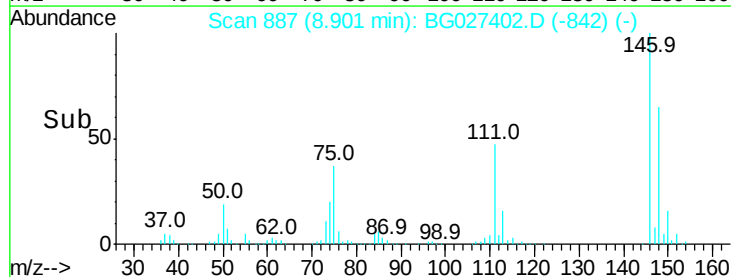
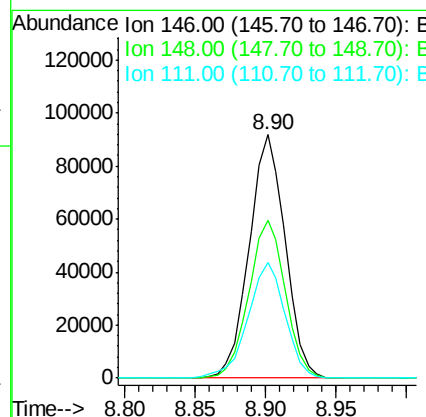
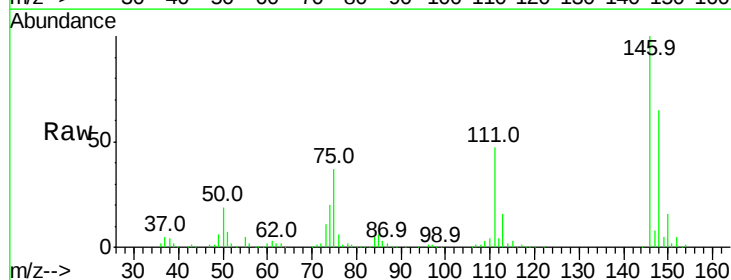
RT: 8.90 min Scan# 887

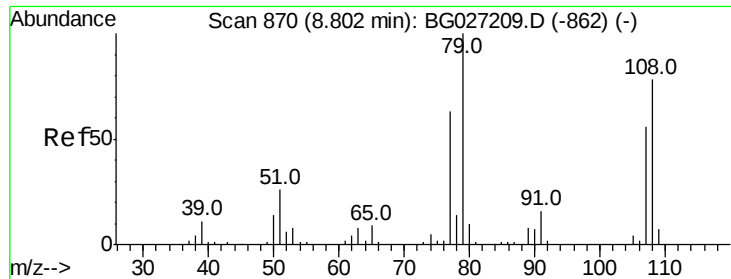
Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion:	146	Resp:	164224
Ion Ratio	Lower	Upper	
146	100		
148	64.7	54.6	81.8
111	47.3	39.7	59.5



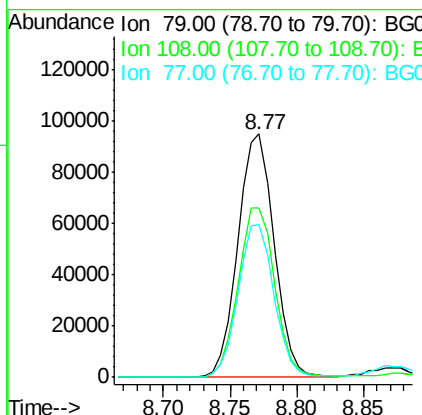
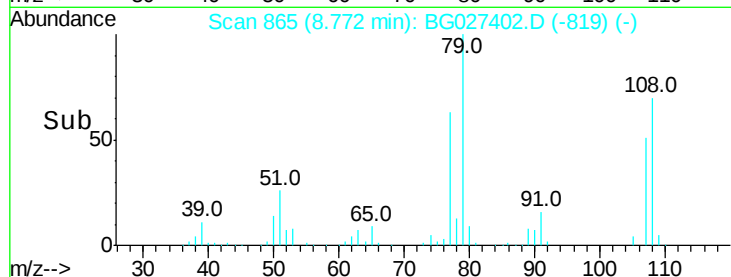
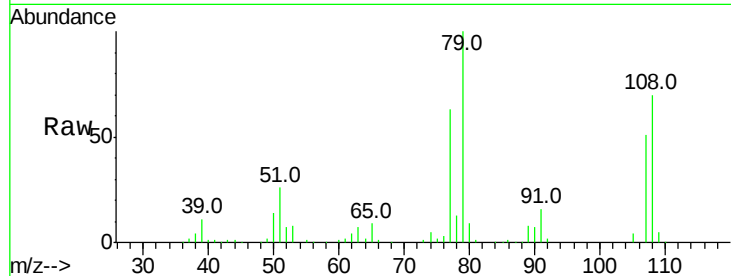


#15
Benzyl Alcohol
Concen: 53.03 ng
RT: 8.77 min Scan# 865
Delta R.T. -0.03 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

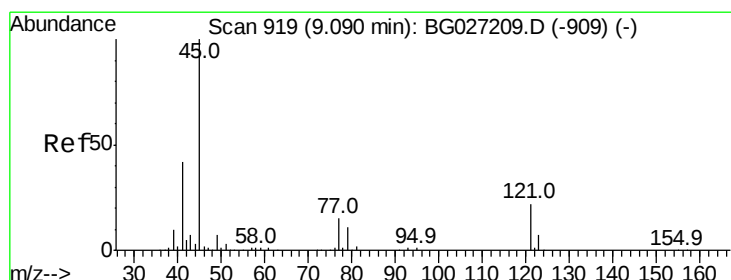
Tot Ion	Ratio	Lower	Upper
79	100		
108	69.8	45.5	68.3#
77	62.7	54.3	81.5

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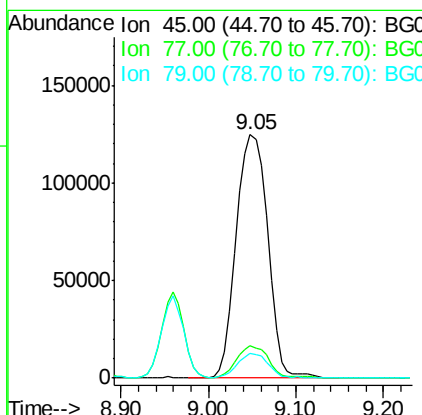
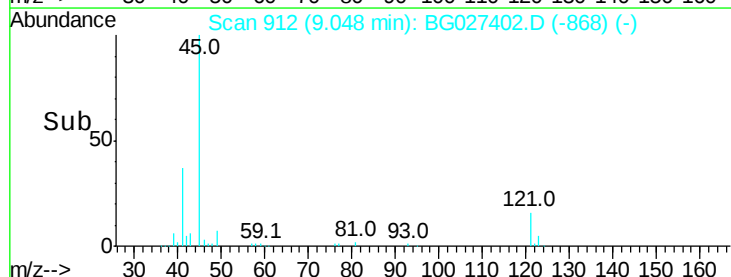
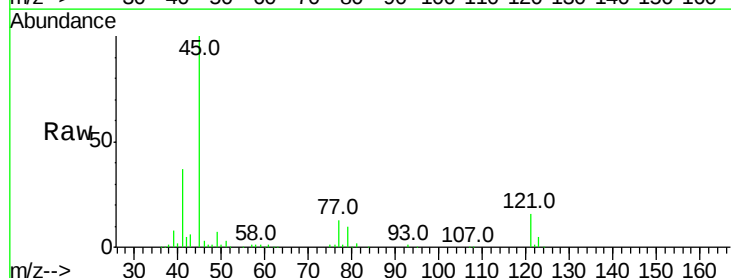
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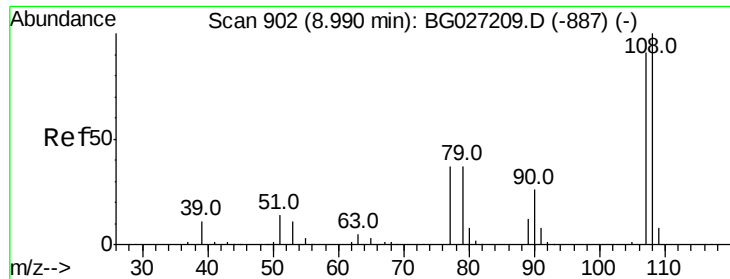
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#16
2,2'-oxybis(1-chloropropane)
Concen: 53.26 ng
RT: 9.05 min Scan# 912
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	30.6
79	9.9	0.0	28.5



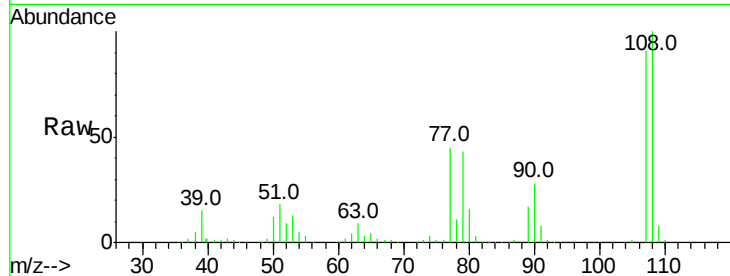


#17
2-Methylphenol
Concen: 47.25 ng
RT: 8.96 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163446		
108	110.5	85.6	128.4	
77	49.7	51.4	77.2#	
79	47.4	49.2	73.8#	

Manual Integrations
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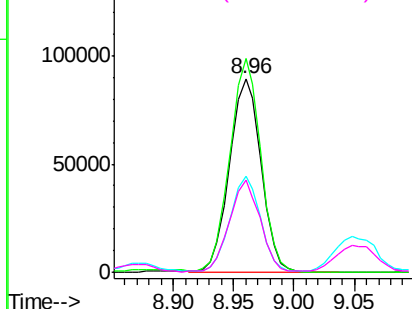
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

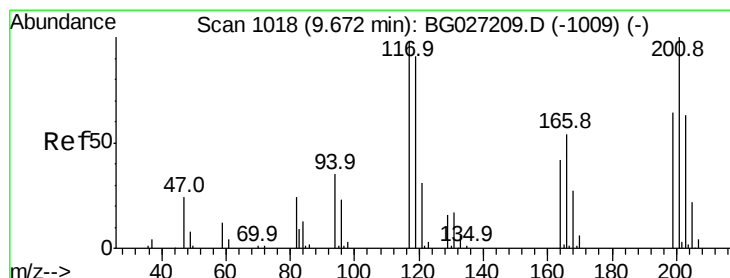
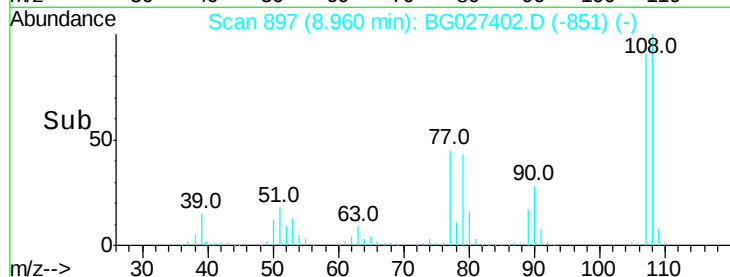
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



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#18
Hexachloroethane
Concen: 47.32 ng
RT: 9.64 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

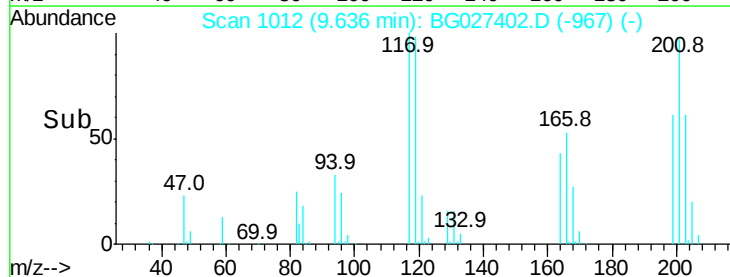
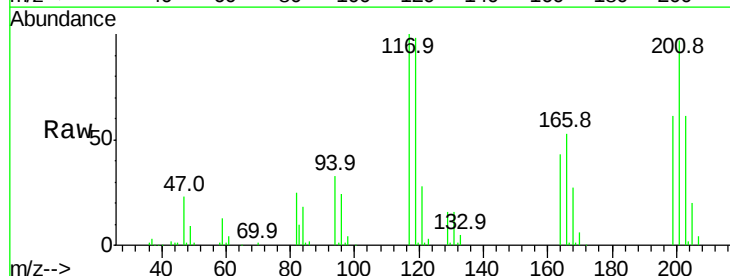
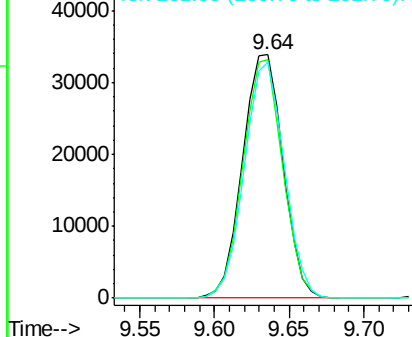
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63515		
119	99.2	69.8	104.6	
201	96.9	95.4	143.0	

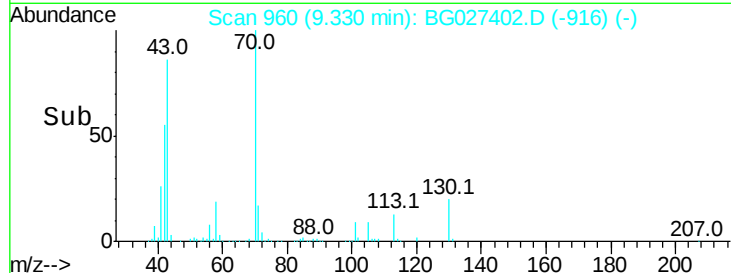
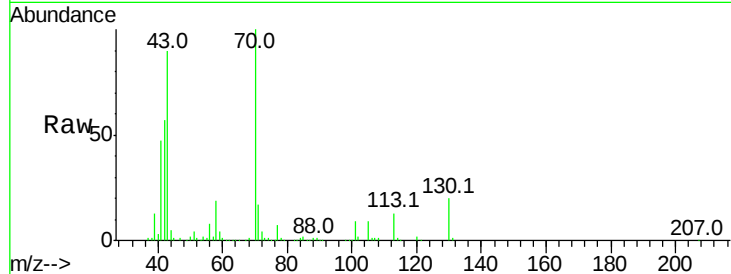
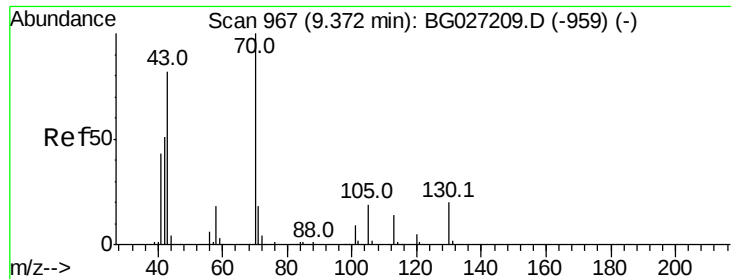
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.97 ng
RT: 9.33 min Scan# 960
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	56.1	84.1	
101	9.3	7.5	11.3	
130	19.5	14.6	21.8	

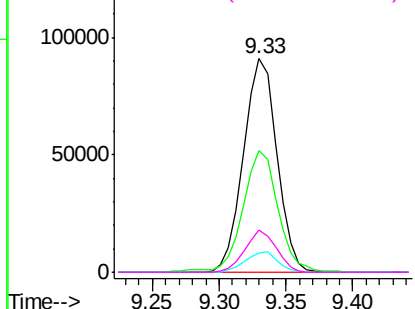
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

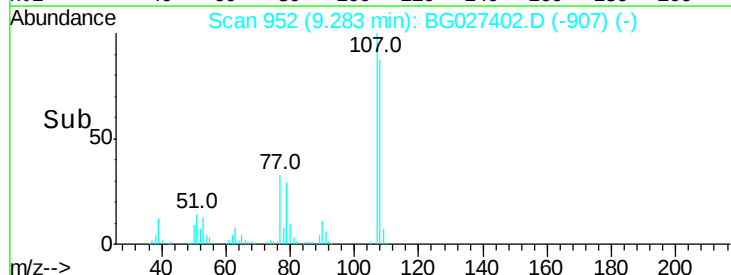
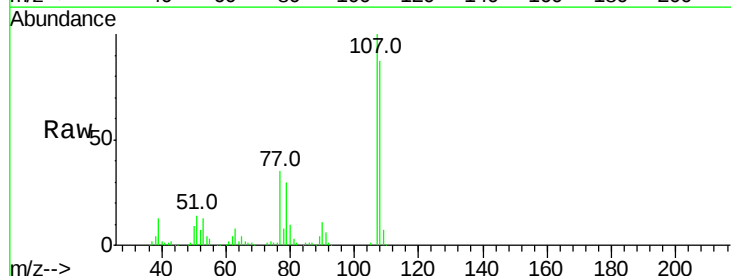
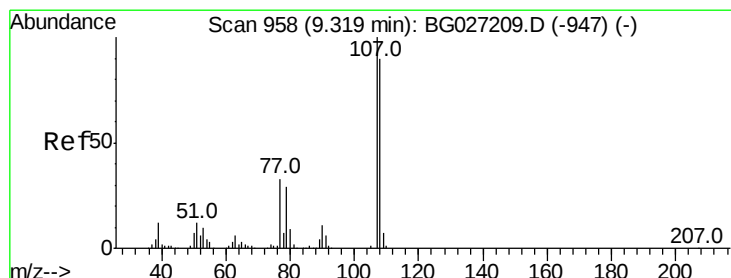


Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

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#20
3+4-Methylphenols
Concen: 46.48 ng
RT: 9.28 min Scan# 952
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	70.8	110.8	
77	34.7	25.8	65.8	
79	30.0	20.1	60.1	

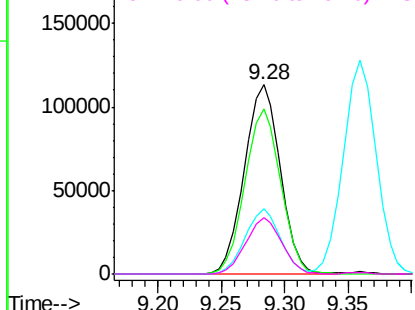
Abundance

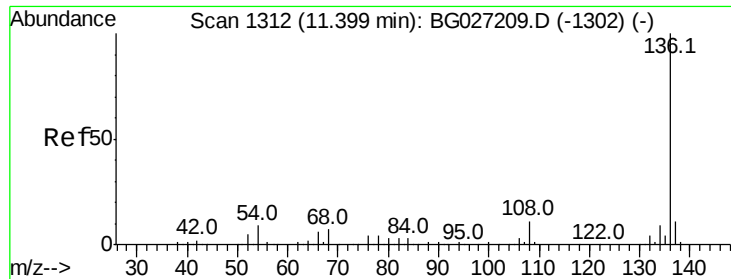
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



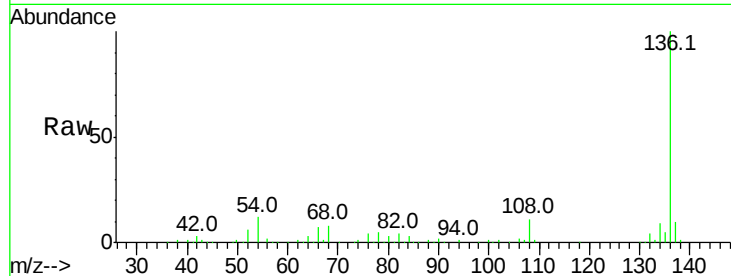


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

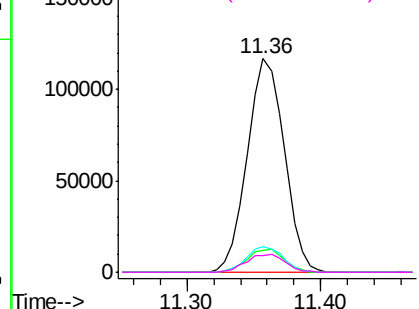
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.9	13.3	
54	11.9	9.3	13.9	
68	7.9	5.1	7.7#	

Manual Integrations
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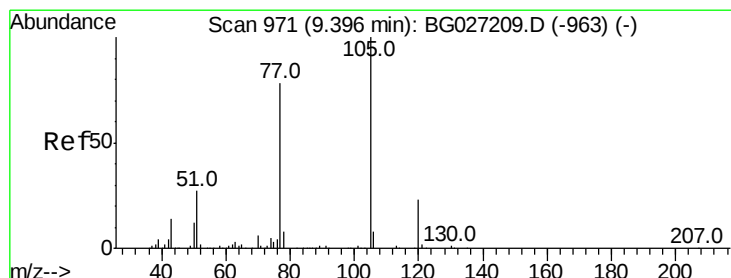
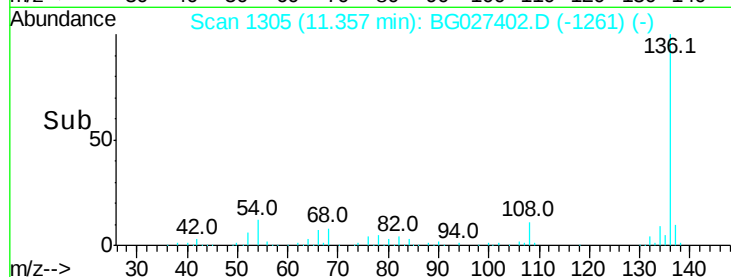


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



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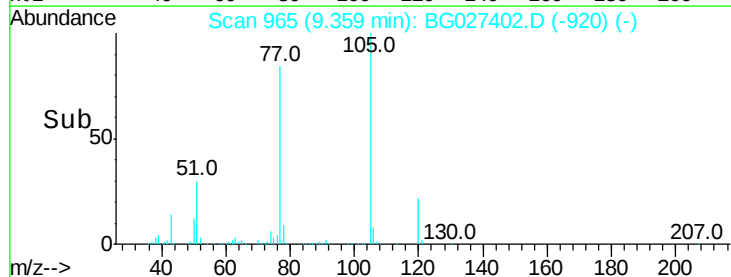
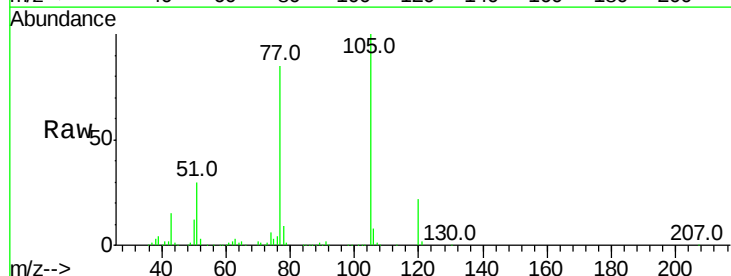
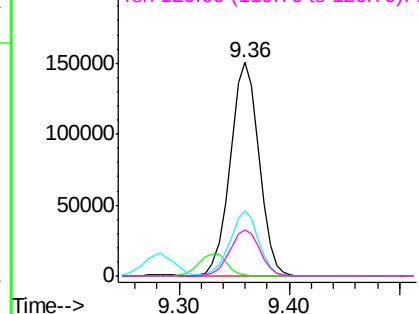
6/14/2017 4:24:10 PM

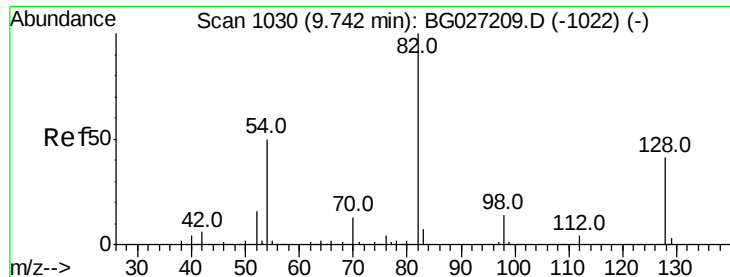


#22
Acetophenone
Concen: 47.82 ng
RT: 9.36 min Scan# 965
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.9	1.3#	
51	30.4	34.0	51.0#	
120	21.8	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E



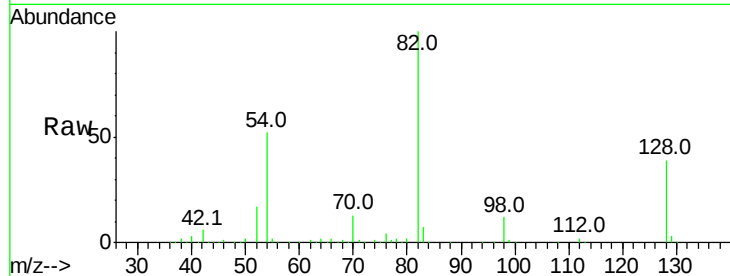


#23
Nitrobenzene-d5
Concen: 120.45 ng
RT: 9.71 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

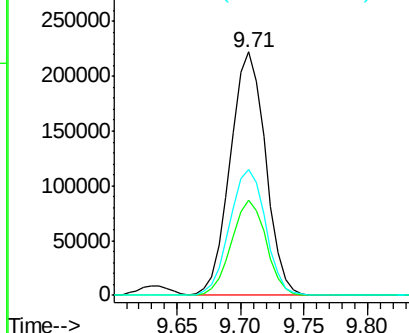
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.2	26.4	39.6	
54	51.6	49.4	74.2	

Manual Integrations
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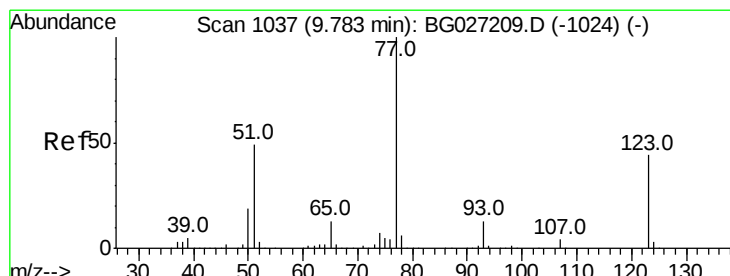
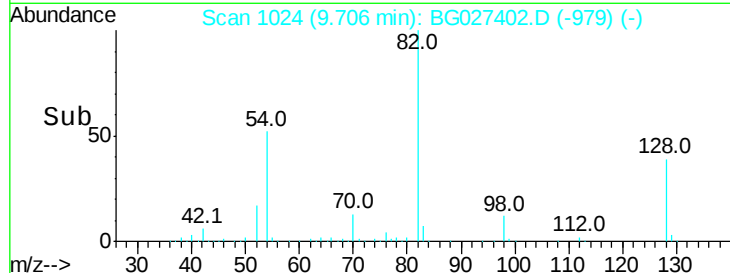


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



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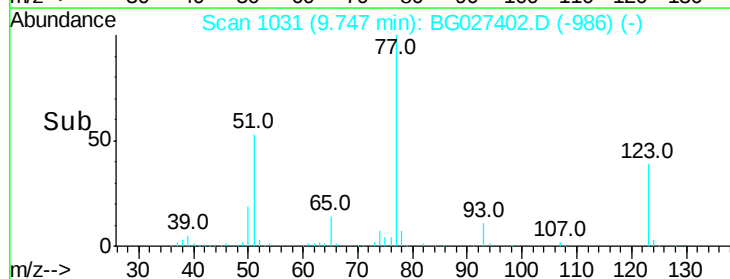
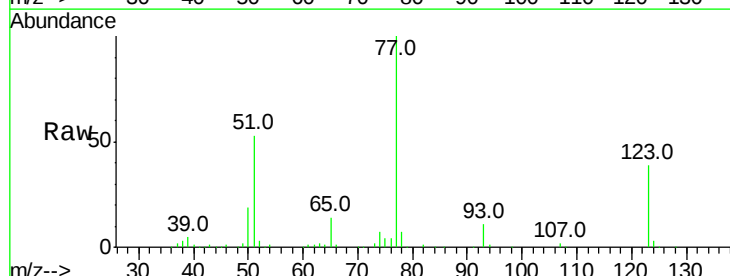
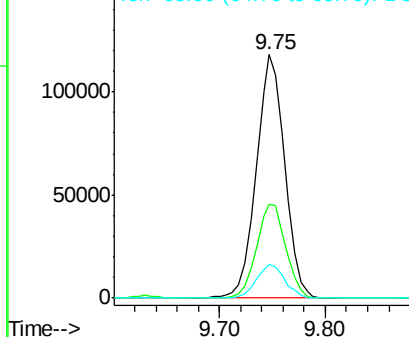
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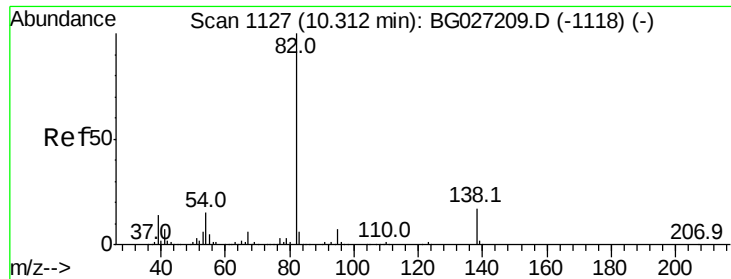


#24
Nitrobenzene
Concen: 54.30 ng
RT: 9.75 min Scan# 1031
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.7	26.1	39.1	
65	13.9	12.4	18.6	

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.88 ng

RT: 10.26 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

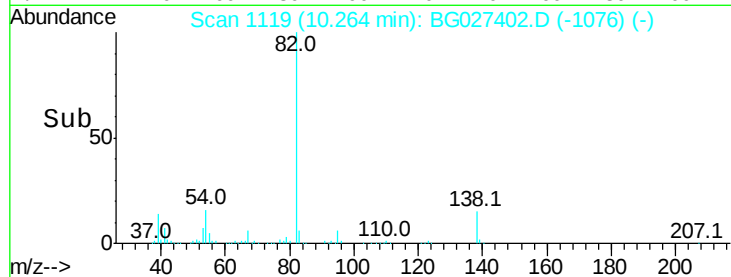
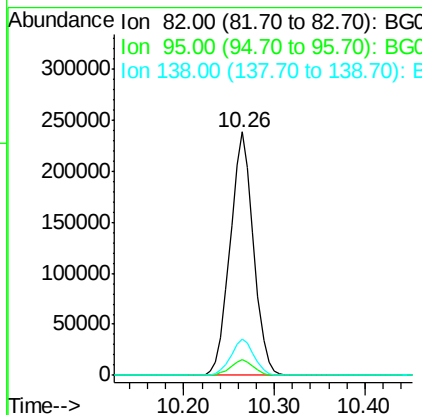
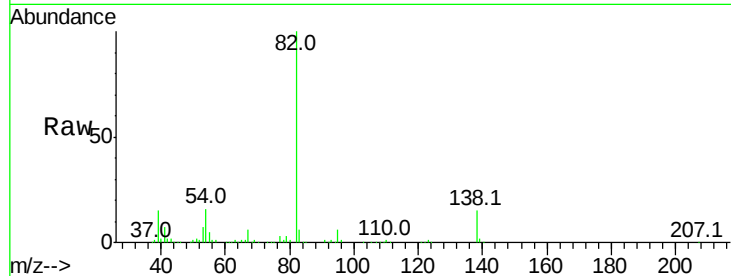
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

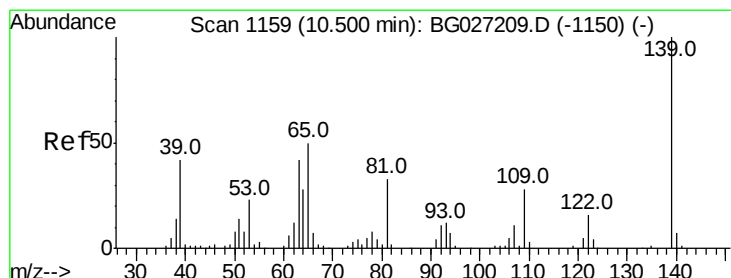
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.4	7.5	11.3#
138	14.9	12.3	18.5

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#26

2-Nitrophenol

Concen: 51.78 ng

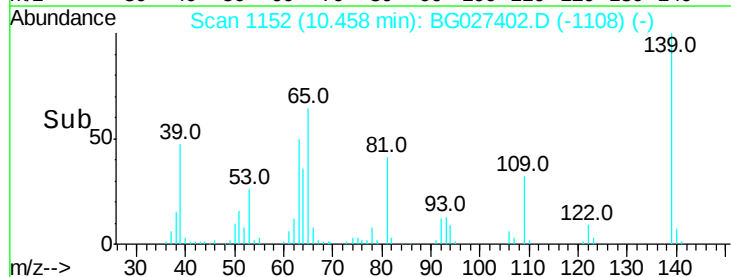
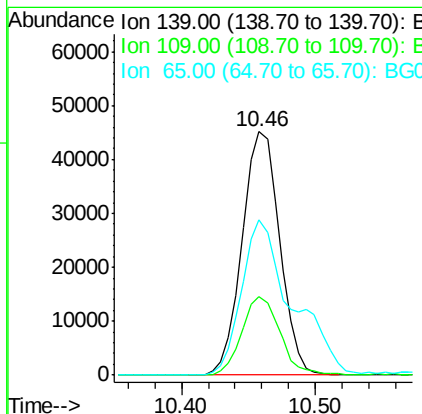
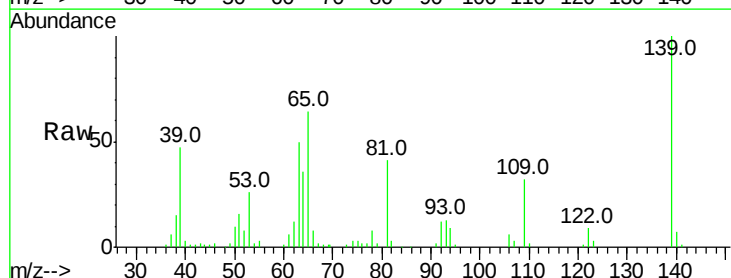
RT: 10.46 min Scan# 1152

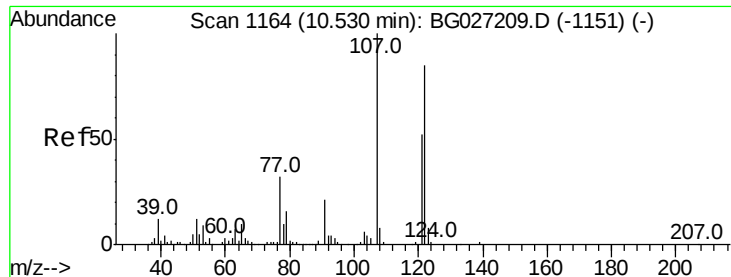
Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	38.6	58.0#
65	63.6	57.1	85.7





#27

2,4-Dimethylphenol

Concen: 50.57 ng

RT: 10.49 min Scan# 1158

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

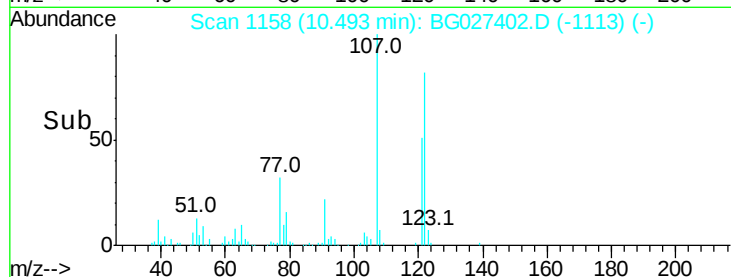
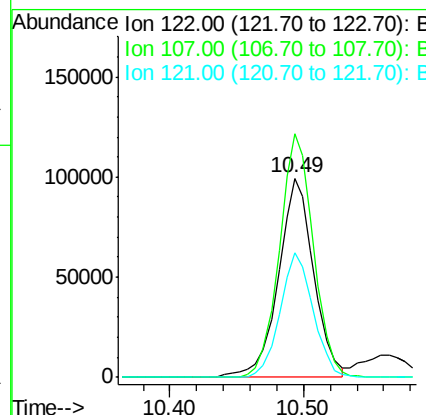
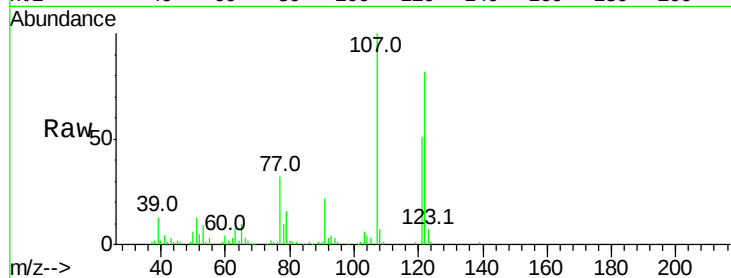
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

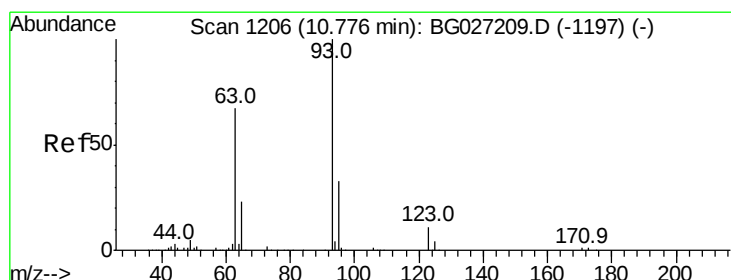
Tot Ion:	122	Resp:	182110
Ion	Ratio	Lower	Upper
122	100		
107	122.2	104.2	156.4
121	62.4	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 46.92 ng

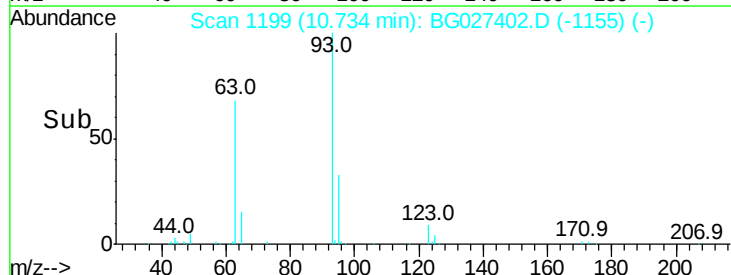
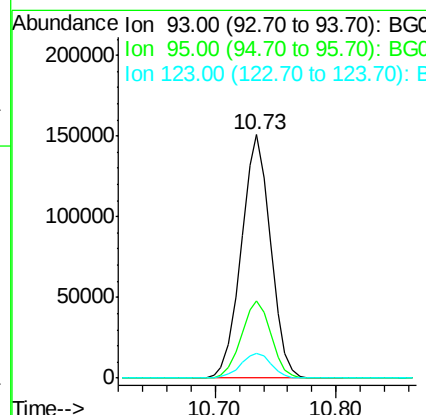
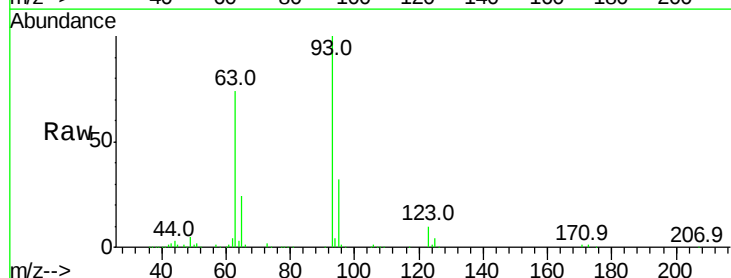
RT: 10.73 min Scan# 1199

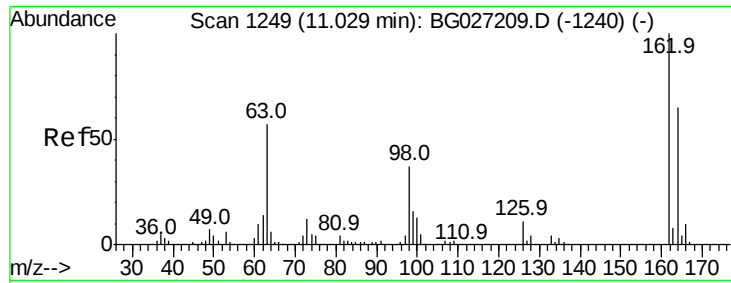
Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion:	93	Resp:	254408
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	10.2	8.3	12.5



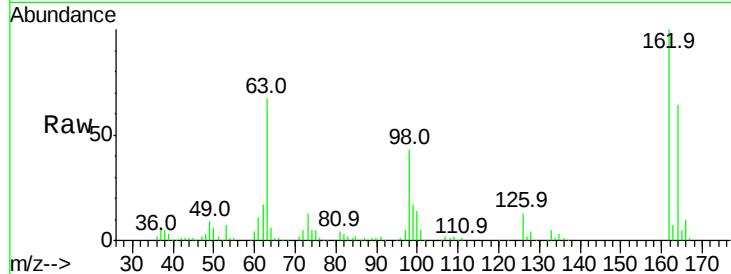


#29
 2,4-Dichlorophenol
 Concen: 49.73 ng
 RT: 10.99 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BG027402.D
 Acq: 14 Jun 2017 1:38

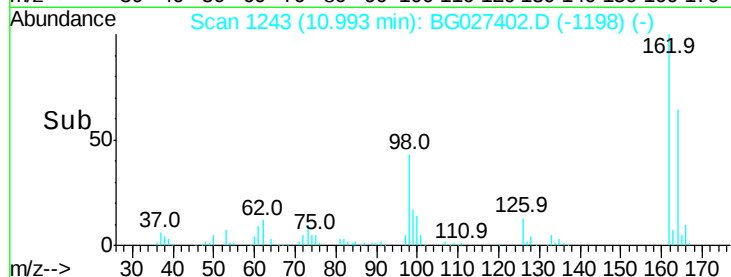
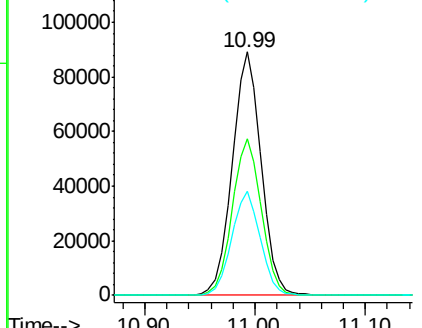
Instrument :
 BNA_G
 ClientSampleId :
 CLINTON-AVE-SP-COMP-1MSD

Tot Ion:	162	Resp:	163482
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.4	82.4
98	42.7	20.3	60.3

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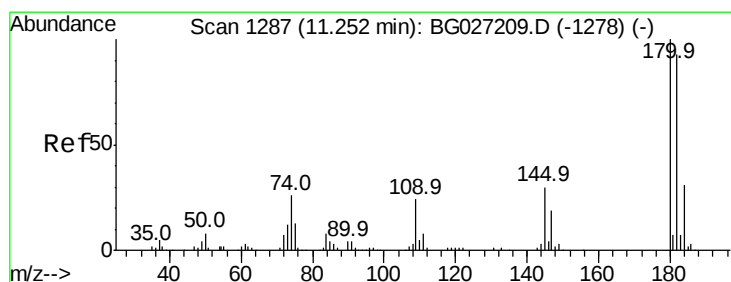


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC



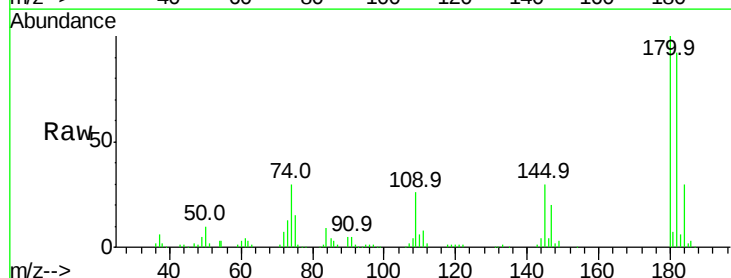
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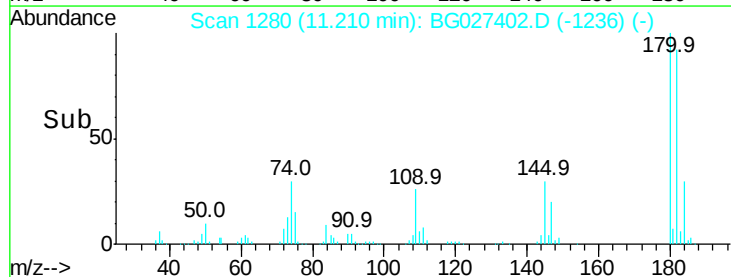
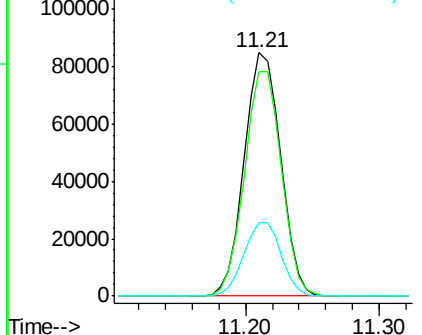


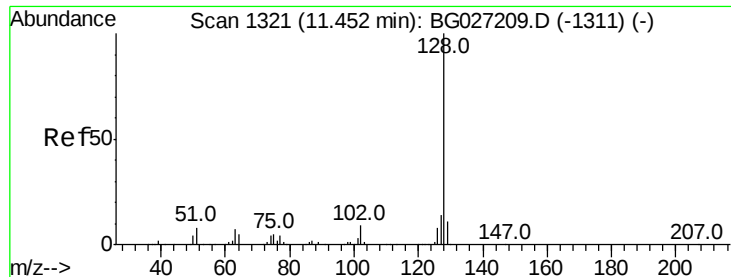
#30
 1,2,4-Trichlorobenzene
 Concen: 44.06 ng
 RT: 11.21 min Scan# 1280
 Delta R.T. -0.04 min
 Lab File: BG027402.D
 Acq: 14 Jun 2017 1:38

Tgt Ion:	180	Resp:	160380
Ion Ratio	Lower	Upper	
180	100		
182	92.1	77.0	115.4
145	30.2	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



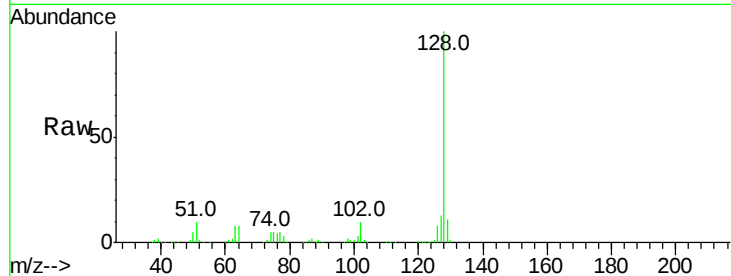


#31
Naphthalene
Concen: 44.88 ng
RT: 11.41 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

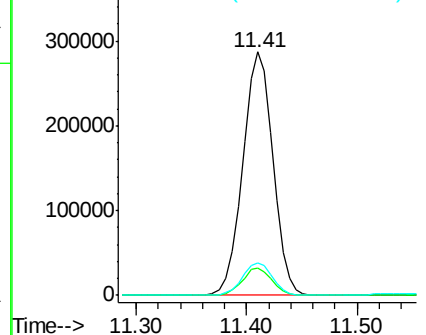
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.3	13.9	
127	13.4	11.4	17.0	

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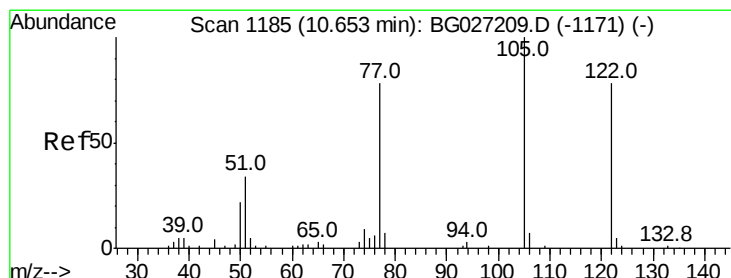
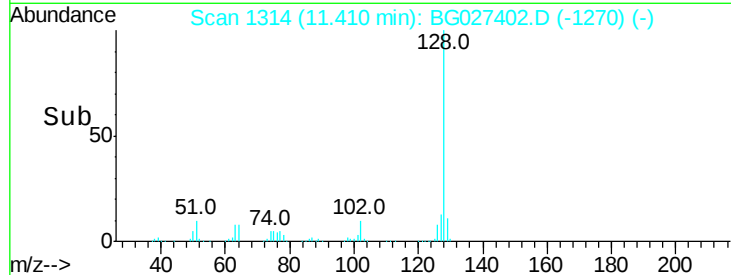


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



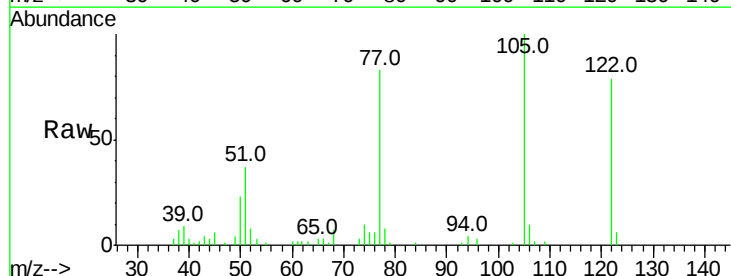
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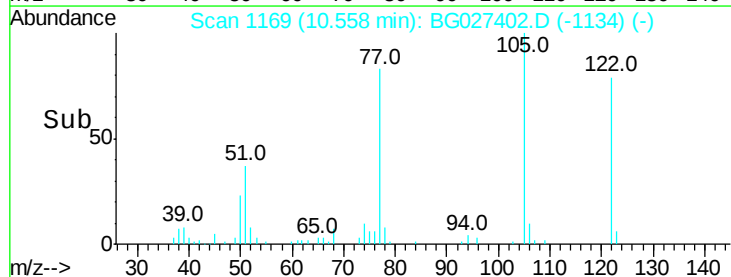
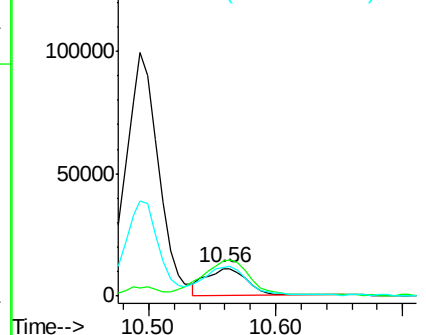


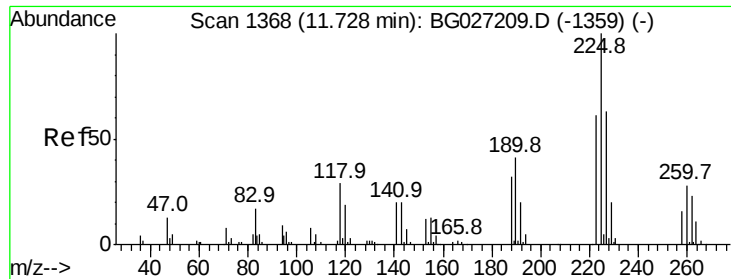
#32
Benzoic acid
Concen: 16.57 ng
RT: 10.56 min Scan# 1169
Delta R.T. -0.09 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.7	120.1	160.1	
77	105.3	104.6	144.6	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG



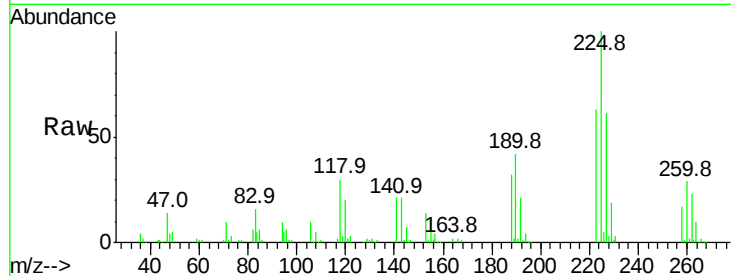


#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 11.68 min Scan# 1360
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.7	76.1	
227	61.0	49.0	73.6	

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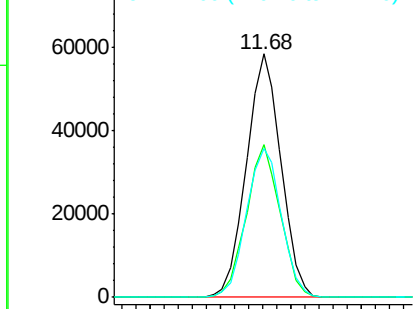


Abundance

Ion 225.00 (224.70 to 225.70): E

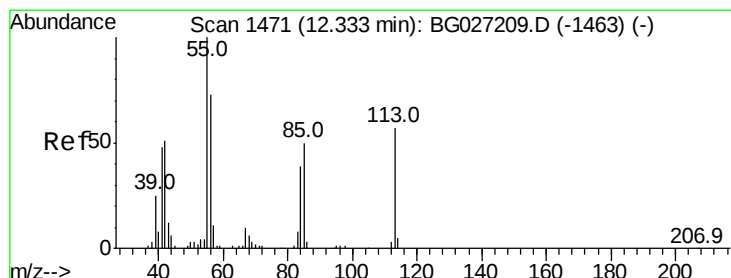
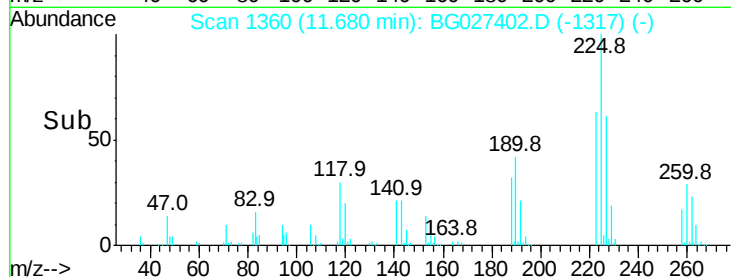
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



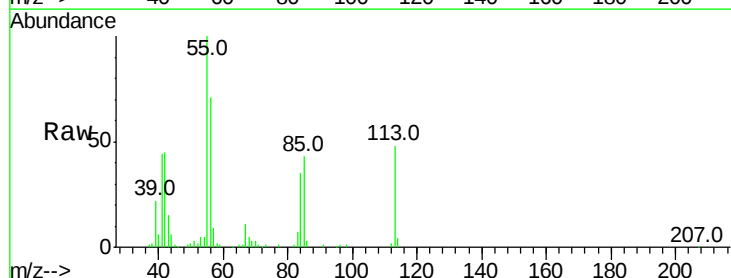
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#35
Caprolactam
Concen: 49.93 ng m
RT: 12.28 min Scan# 1462
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	206.8	198.6	238.6	
56	146.8	140.4	180.4	

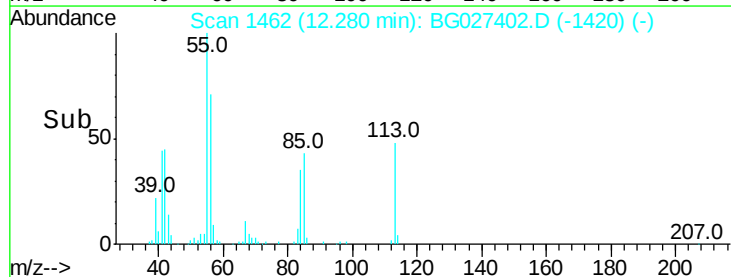
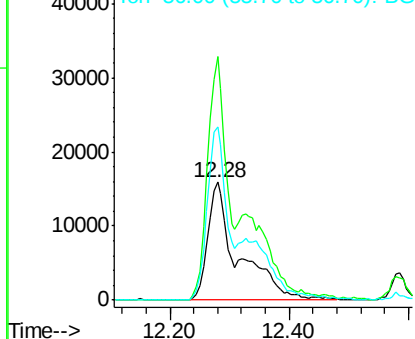


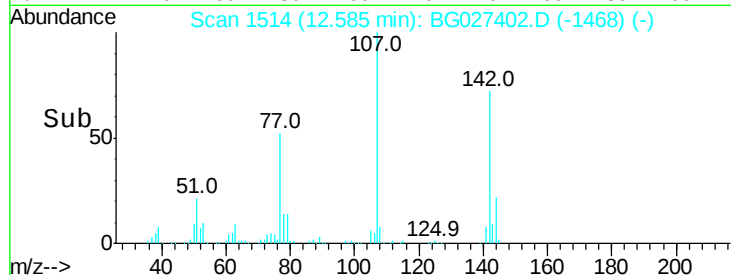
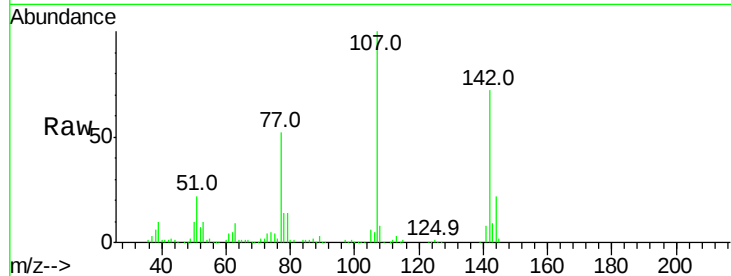
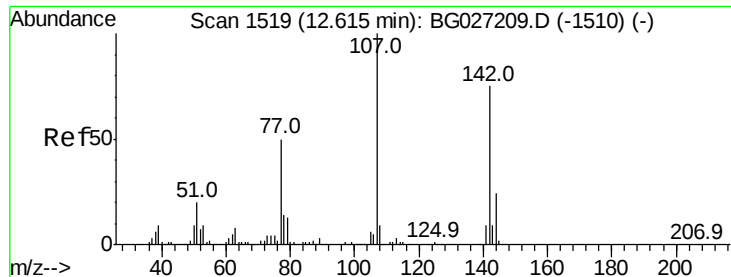
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



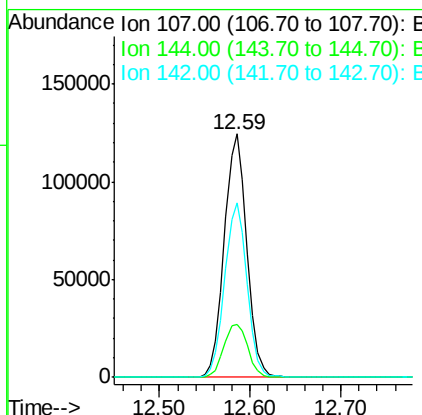


#36
4-Chloro-3-methylphenol
Concen: 52.02 ng
RT: 12.59 min Scan# 1514
Delta R.T. -0.03 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tot Ion:	107	Resp:	214322
Ion Ratio	Lower	Upper	
107	100		
144	21.6	17.4	26.0
142	71.6	54.1	81.1

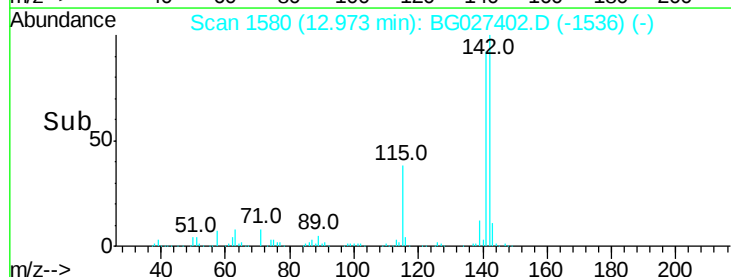
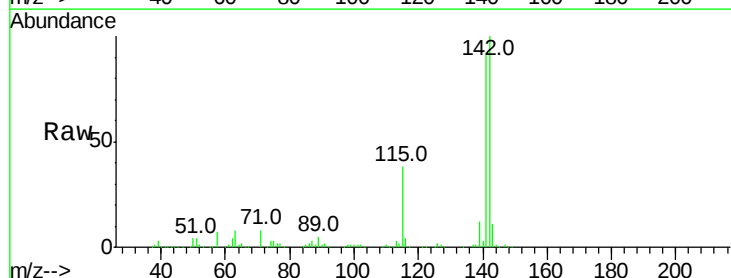
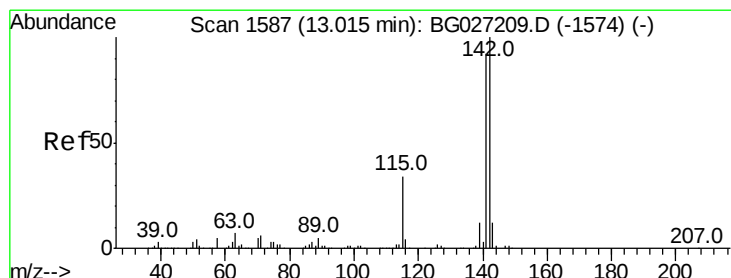
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Manual Integrations
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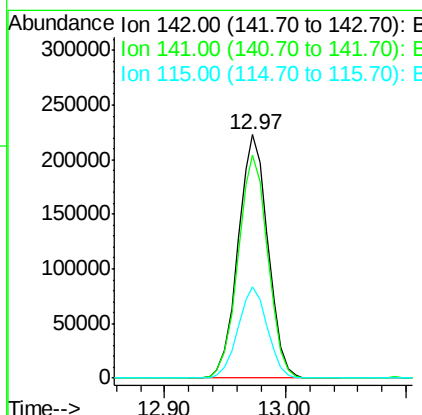
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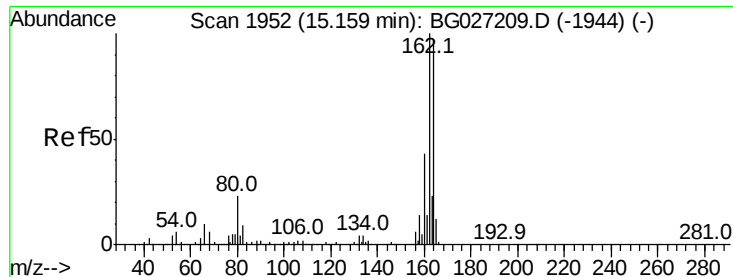
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#37
2-Methylnaphthalene
Concen: 42.83 ng
RT: 12.97 min Scan# 1580
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion:	142	Resp:	382411
Ion Ratio	Lower	Upper	
142	100		
141	91.7	70.4	105.6
115	37.6	35.5	53.3



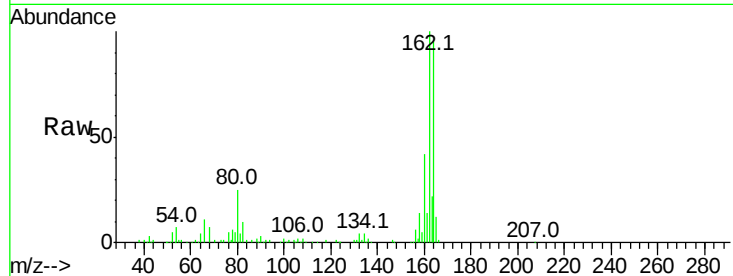


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion:	164	Resp:	136461
Ion Ratio	Lower	Upper	
164	100		
162	105.8	85.1	127.7
160	44.0	34.7	52.1

Manual Integrations
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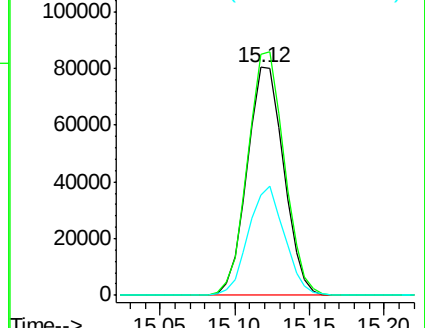


Abundance

Ion 164.00 (163.70 to 164.70): E

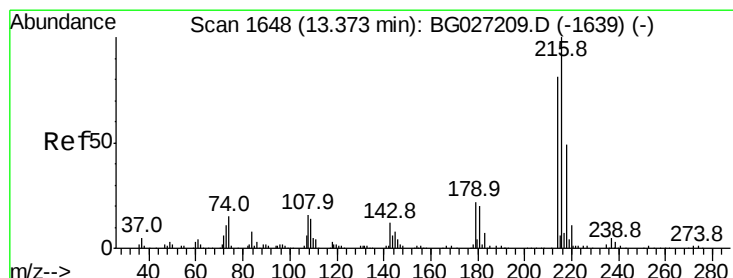
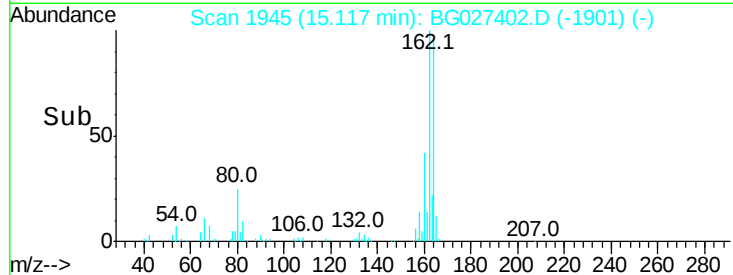
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.84 ng
RT: 13.33 min Scan# 1641
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion:	216	Resp:	186365
Ion Ratio	Lower	Upper	
216	100		
214	78.4	64.4	96.6
179	21.5	17.4	26.0
108	22.0	15.6	23.4

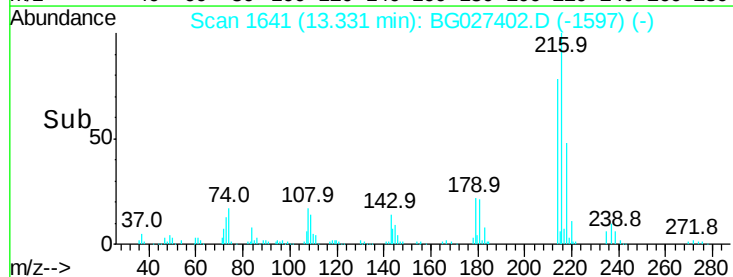
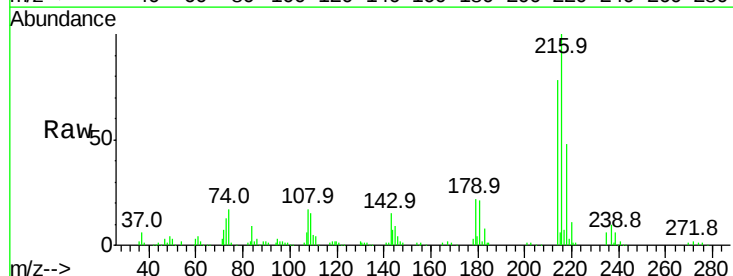
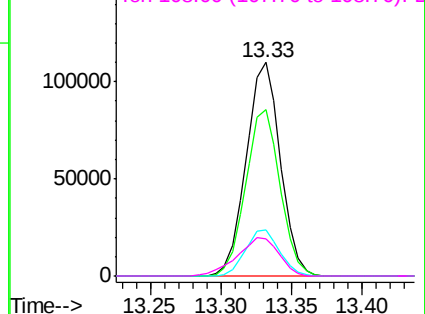
Abundance

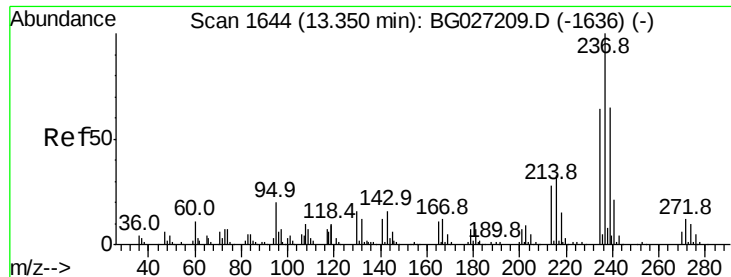
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 98.24 ng

RT: 13.31 min Scan# 1637

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

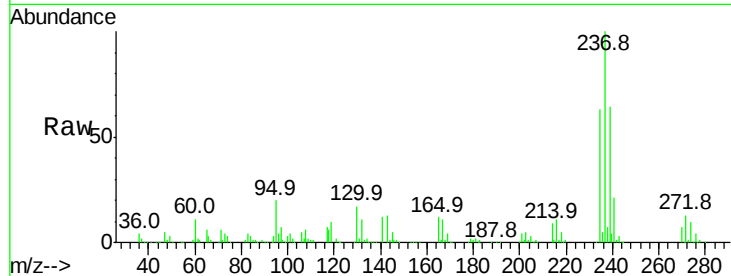
BNA_G

ClientSampleId :

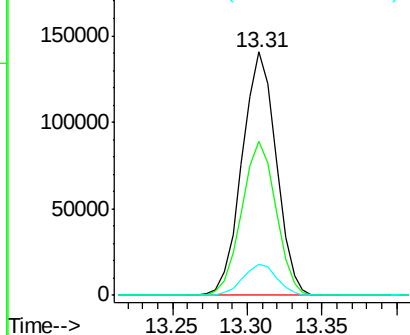
CLINTON-AVE-SP-COMP-1MSD

Tot Ion:	237	Resp:	22282
Ion Ratio		Lower	Upper
237	100		
235	63.4	39.4	79.4
272	12.8	0.0	32.0

Manual Integrations
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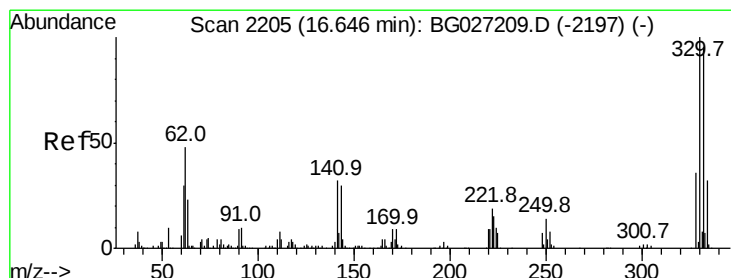
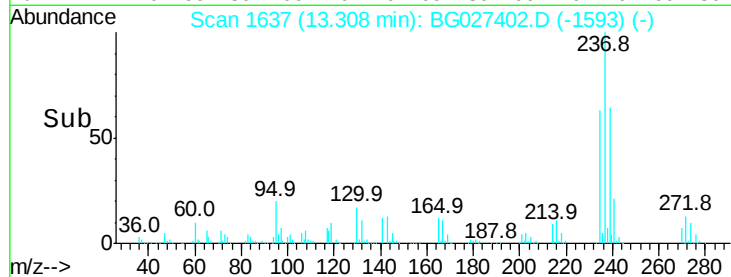


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#41

2,4,6-Tribromophenol

Concen: 175.57 ng

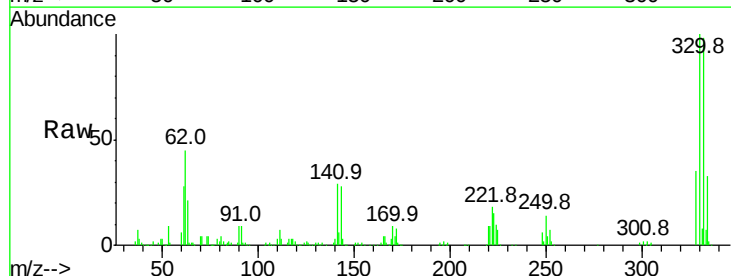
RT: 16.61 min Scan# 2199

Delta R.T. -0.04 min

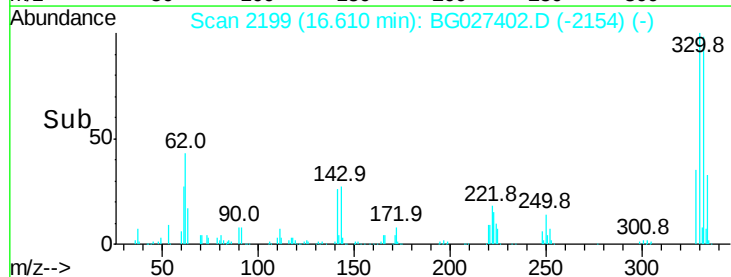
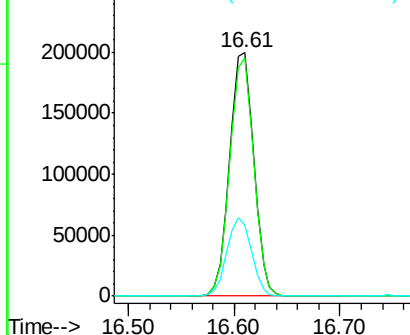
Lab File: BG027402.D

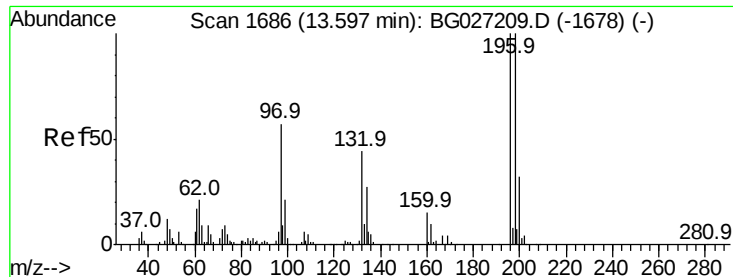
Acq: 14 Jun 2017 1:38

Tgt Ion:	330	Resp:	315498
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.8	32.1	48.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 51.99 ng

RT: 13.56 min Scan# 1680

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

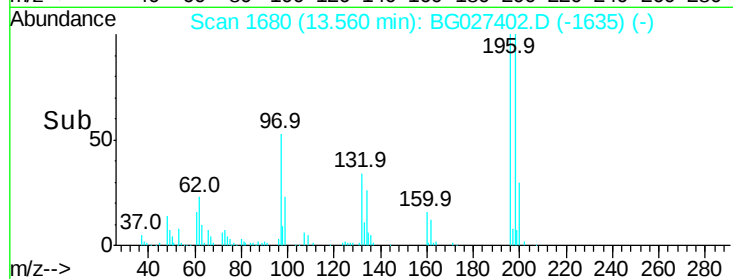
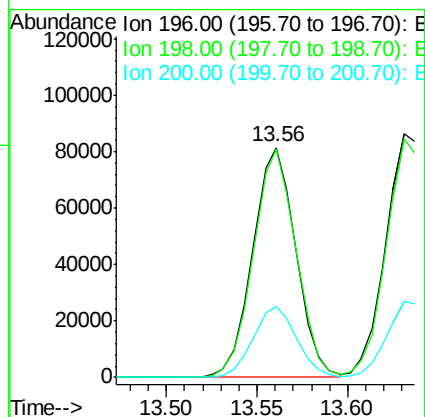
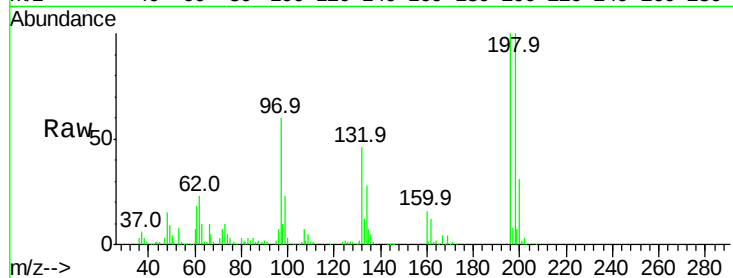
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

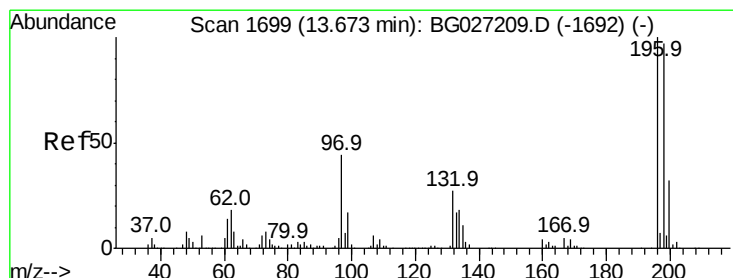
Tot Ion:	196	Resp:	134061
Ion Ratio	Lower	Upper	
196	100		
198	99.5	81.4	122.2
200	30.8	27.0	40.6

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 51.96 ng

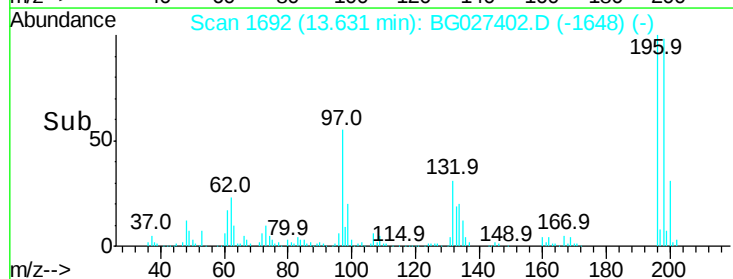
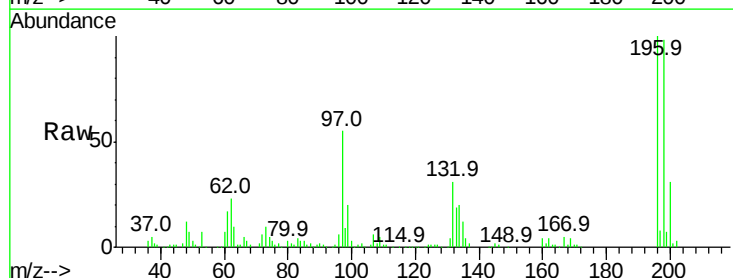
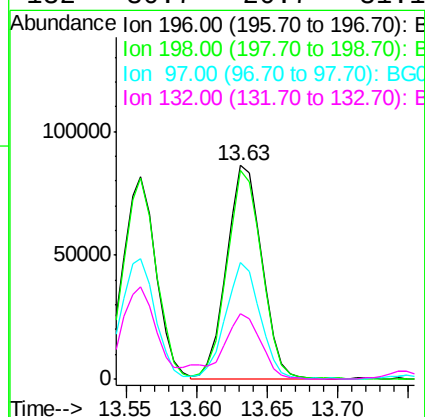
RT: 13.63 min Scan# 1692

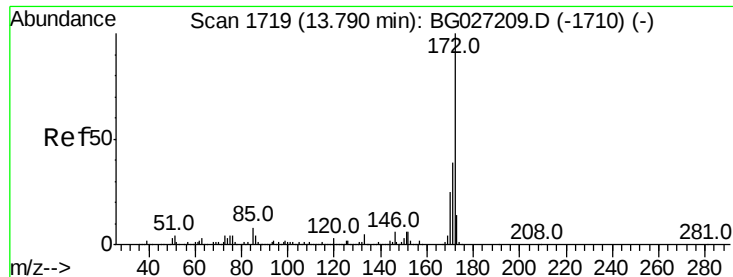
Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion:	196	Resp:	149919
Ion Ratio	Lower	Upper	
196	100		
198	98.0	79.9	119.9
97	54.5	45.4	68.0
132	30.7	20.7	31.1



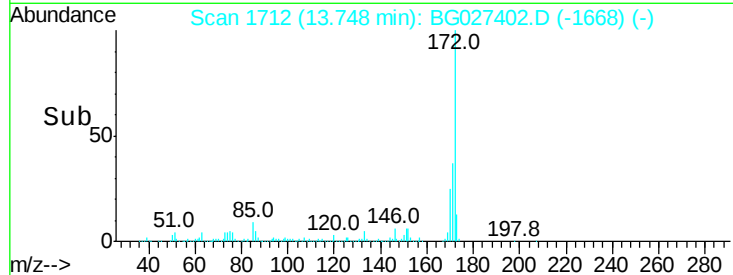
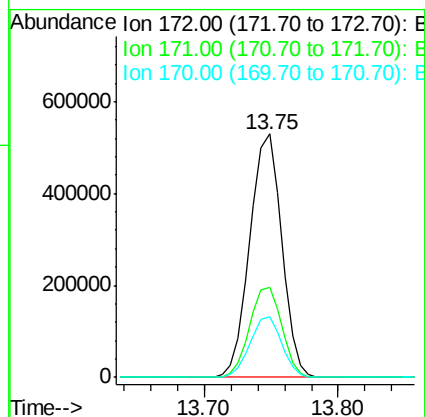
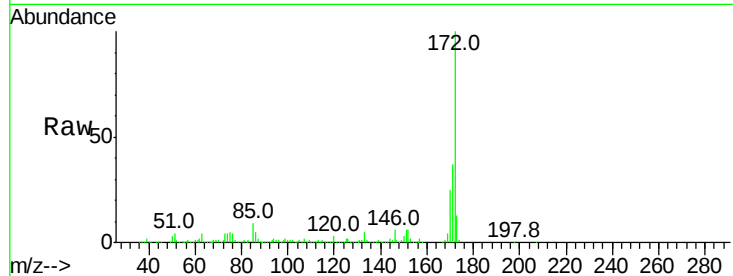


#44
2-Fluorobiphenyl
Concen: 89.29 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

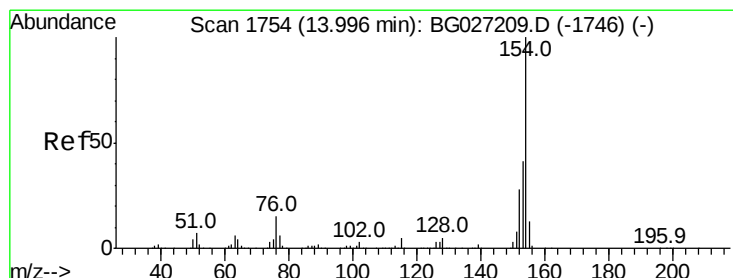
Tot Ion:172	Resp:	870951
Ion Ratio	Lower	Upper
172 100		
171 36.7	32.2	48.2
170 24.7	21.8	32.6

Manual Integrations
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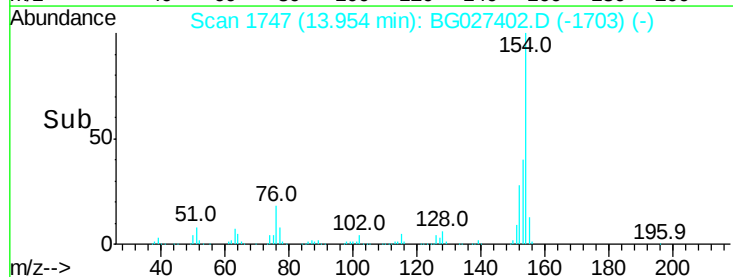
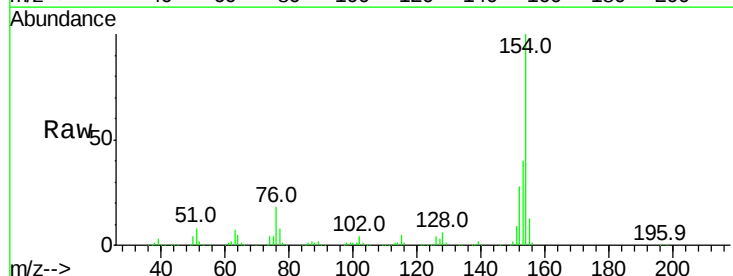
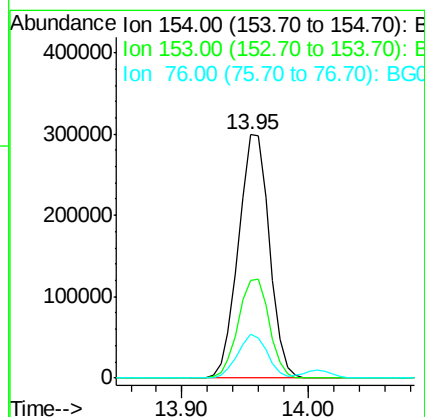
mohammad

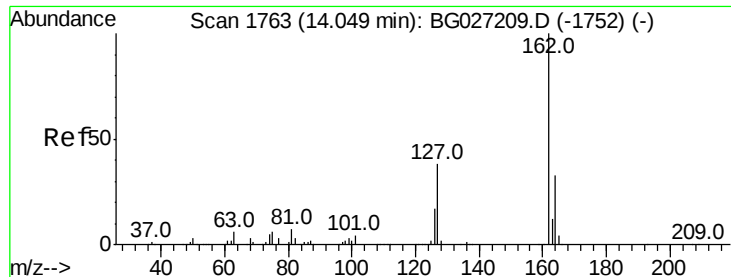
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#45
1,1'-Biphenyl
Concen: 45.26 ng
RT: 13.95 min Scan# 1747
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion:154	Resp:	504171
Ion Ratio	Lower	Upper
154 100		
153 40.3	23.0	63.0
76 17.8	0.0	33.5



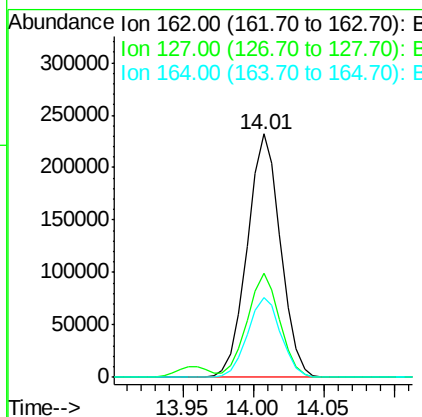
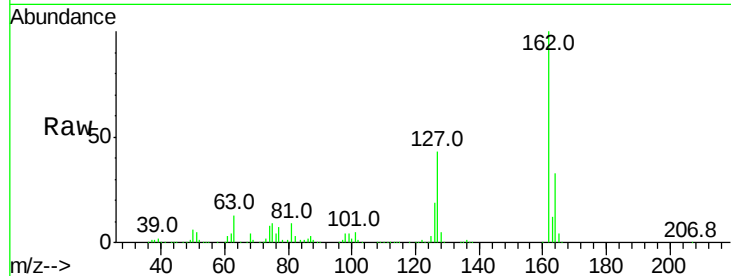


#46
2-Chloronaphthalene
Concen: 45.86 ng
RT: 14.01 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

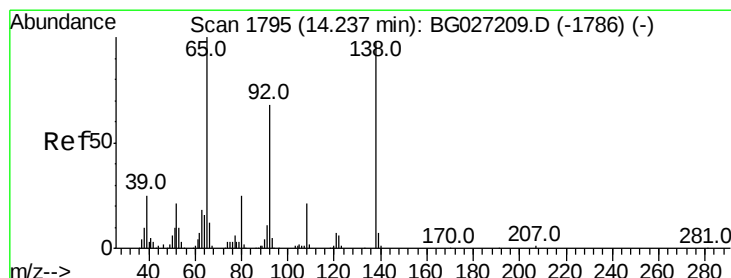
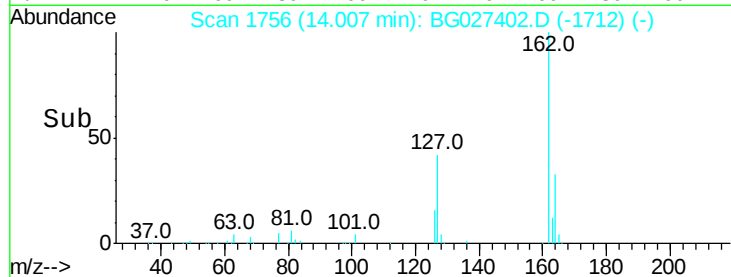
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.6	32.2	48.4
164	32.6	27.3	40.9

Manual Integrations
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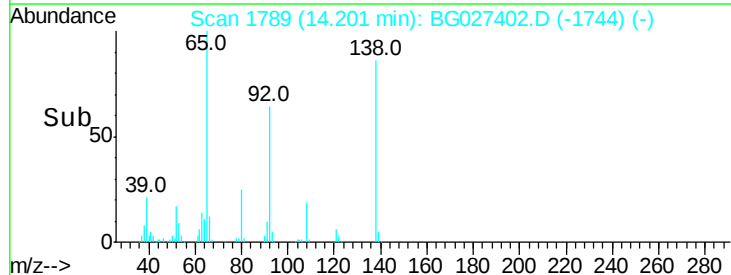
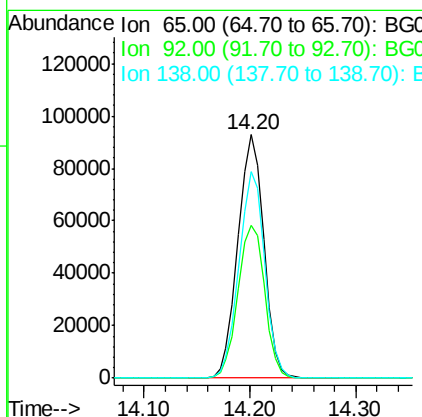
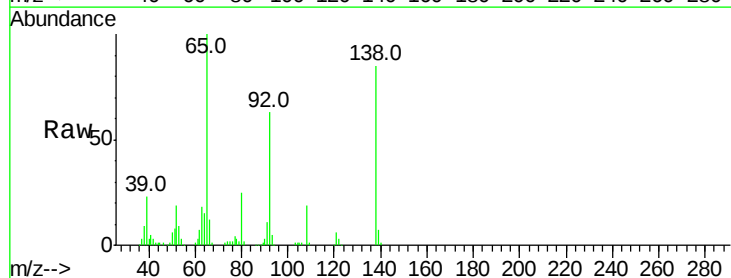
mohammad

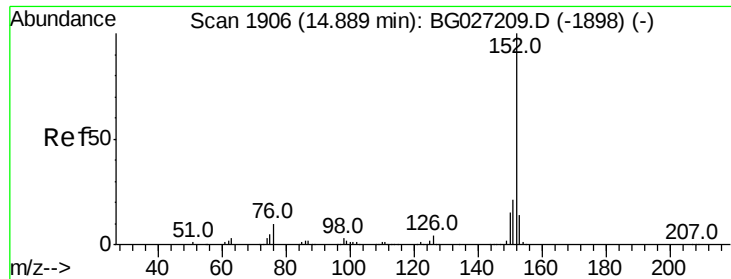
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#47
2-Nitroaniline
Concen: 63.71 ng
RT: 14.20 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	63.0	49.0	73.4
138	85.0	58.6	87.8





#48

Acenaphthylene

Concen: 43.99 ng

RT: 14.85 min Scan# 1899

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

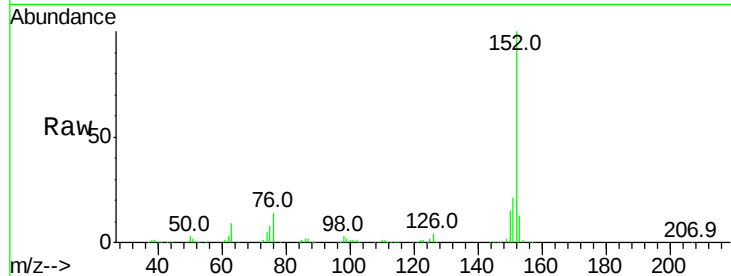
BNA_G

ClientSampleId :

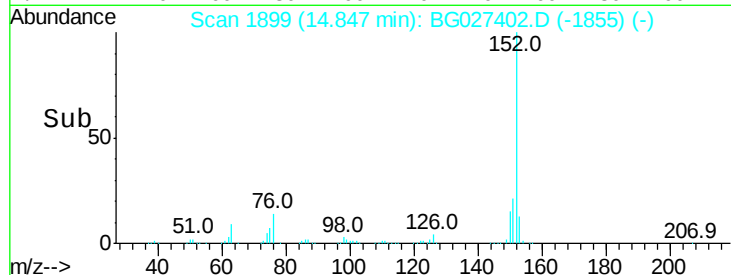
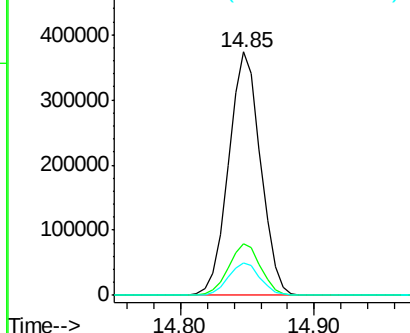
CLINTON-AVE-SP-COMP-1MSD

Tot Ion:	152	Resp:	621713
Ion Ratio	Lower	Upper	
152	100		
151	21.0	18.2	27.2
153	13.3	11.3	16.9

Manual Integrations
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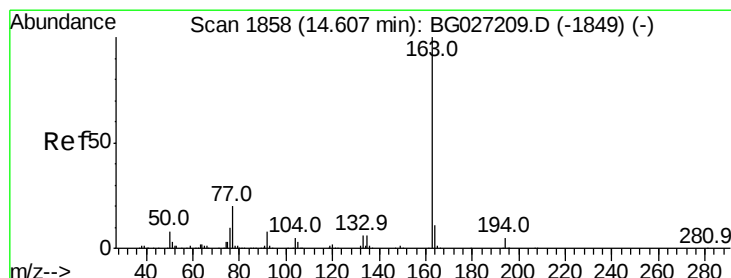


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 48.23 ng

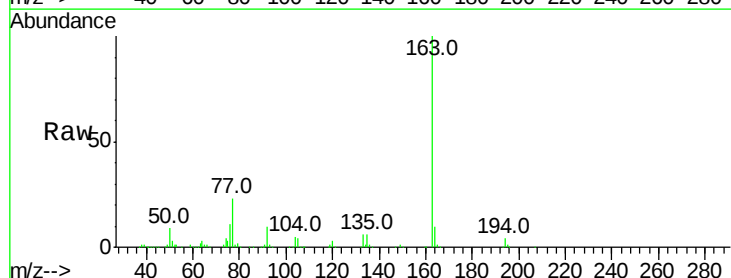
RT: 14.56 min Scan# 1850

Delta R.T. -0.05 min

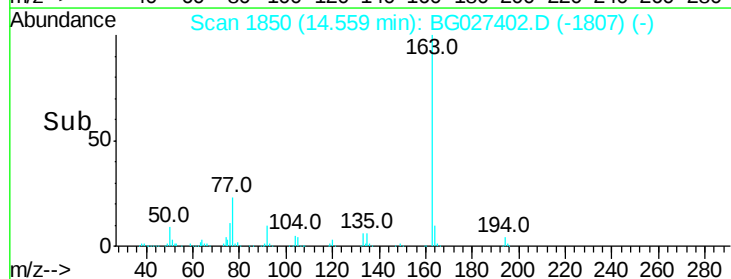
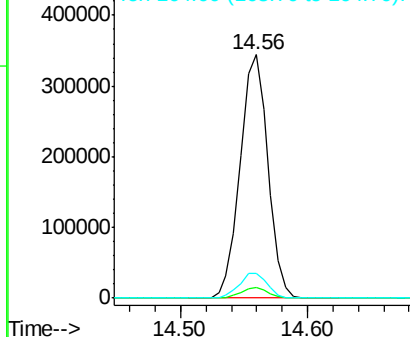
Lab File: BG027402.D

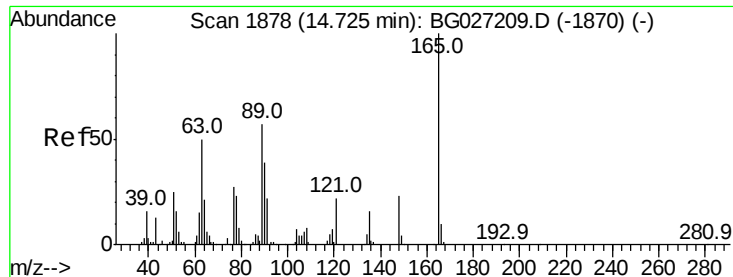
Acq: 14 Jun 2017 1:38

Tgt Ion:	163	Resp:	522107
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.8	5.6
164	10.0	9.3	13.9



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



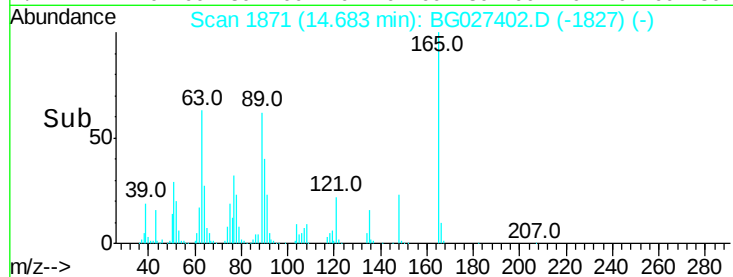
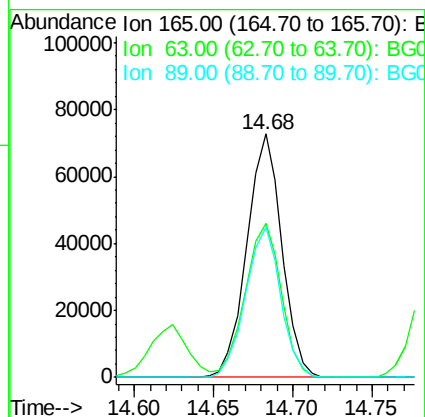
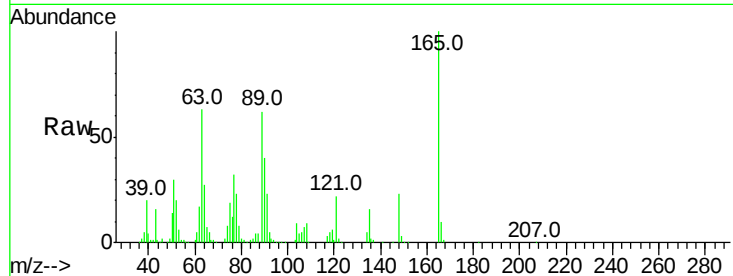


#50
2,6-Dinitrotoluene
Concen: 50.31 ng
RT: 14.68 min Scan# 1871
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

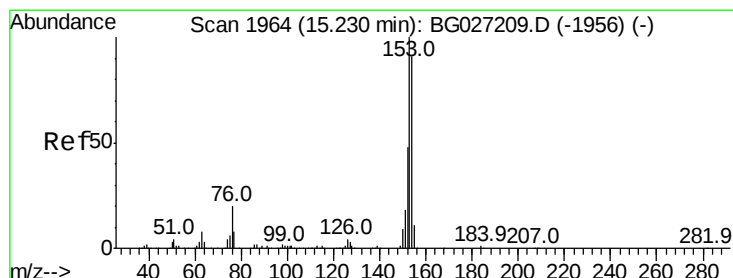
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	63.1	63.9	95.9#
89	61.9	58.6	88.0

Manual Integrations
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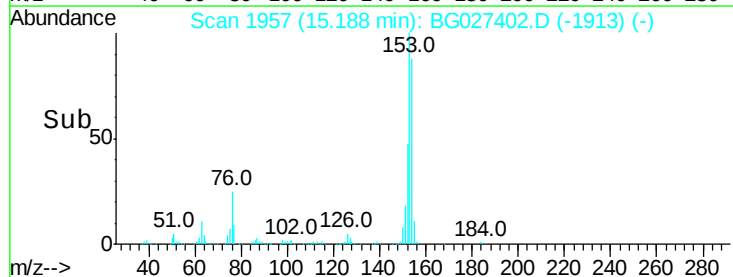
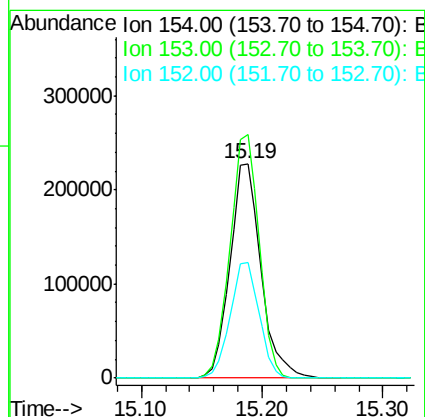
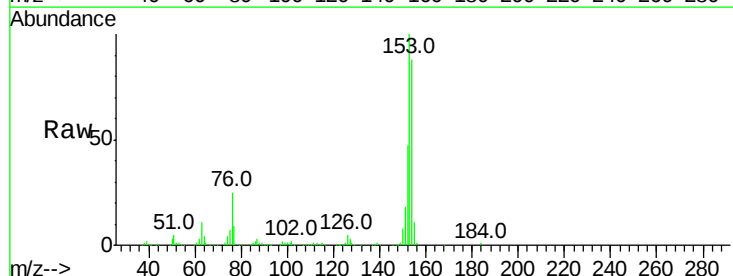
mohammad

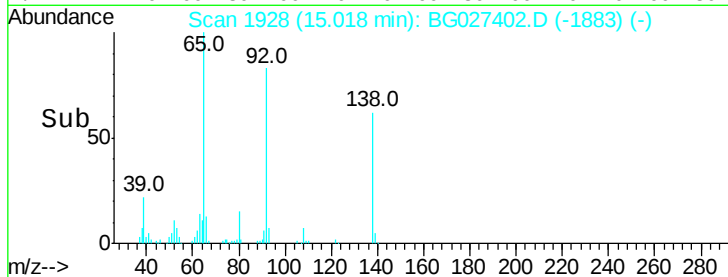
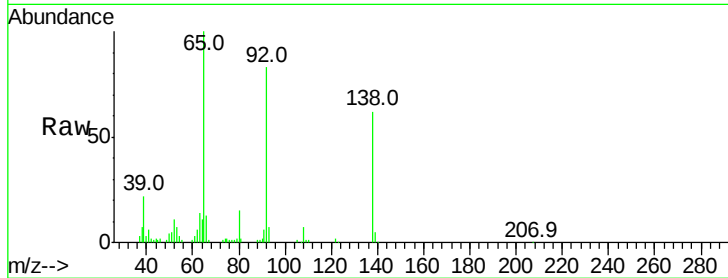
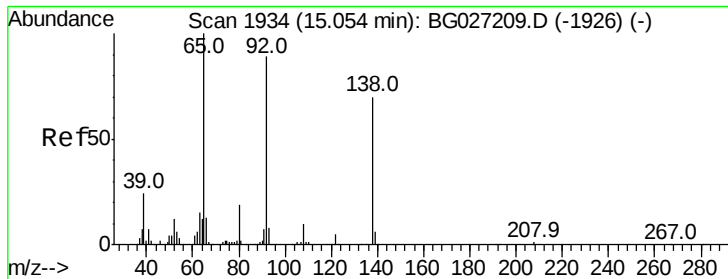
6/14/2017 4:24:10 PM



#51
Acenaphthene
Concen: 44.16 ng
RT: 15.19 min Scan# 1957
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.6	87.8	131.6
152	53.9	42.2	63.4





#52

3-Nitroaniline

Concen: 24.19 ng

RT: 15.02 min Scan# 1928

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.9	16.3
92	132.2	115.3	172.9

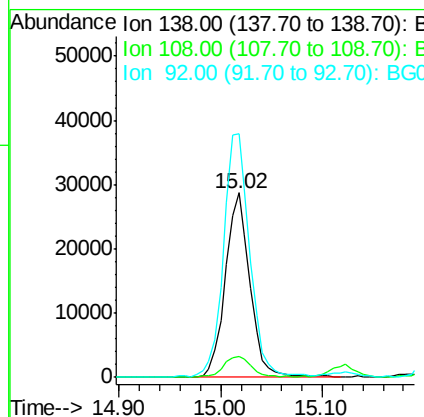
Instrument :

BNA_G

ClientSampleId :

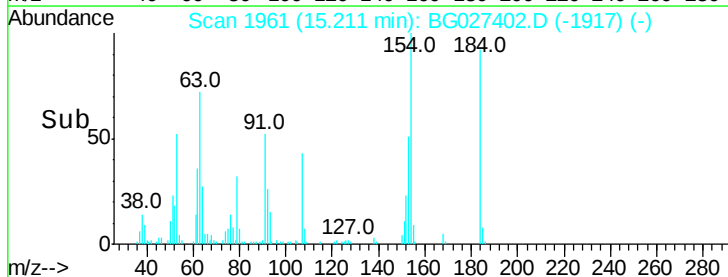
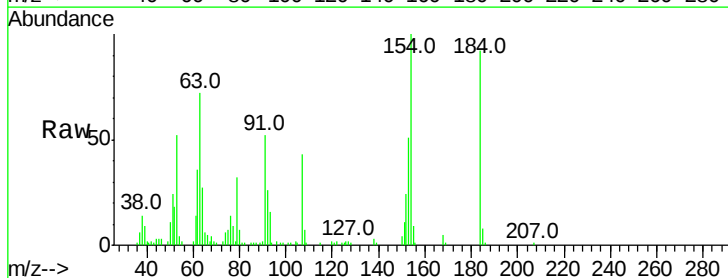
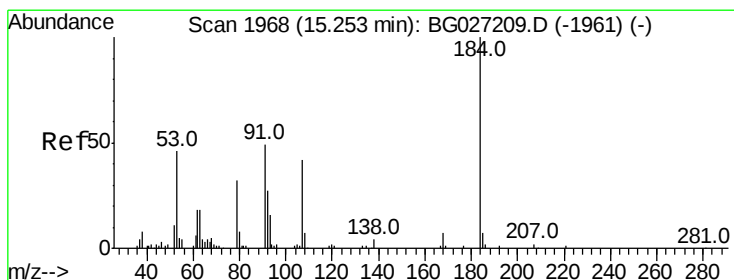
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#53

2,4-Dinitrophenol

Concen: 50.52 ng

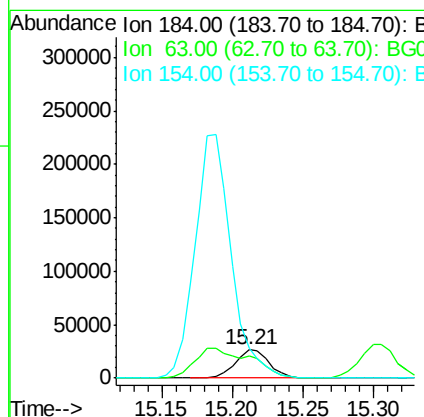
RT: 15.21 min Scan# 1961

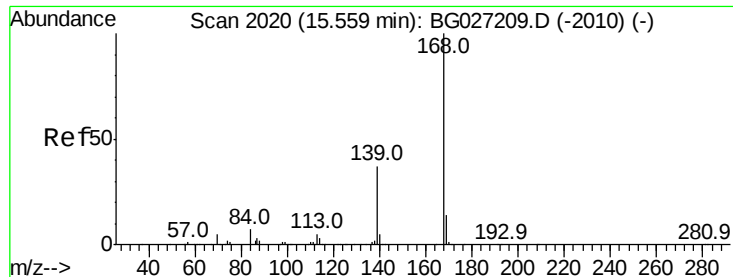
Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.9	52.7	79.1
154	108.2	57.3	85.9#



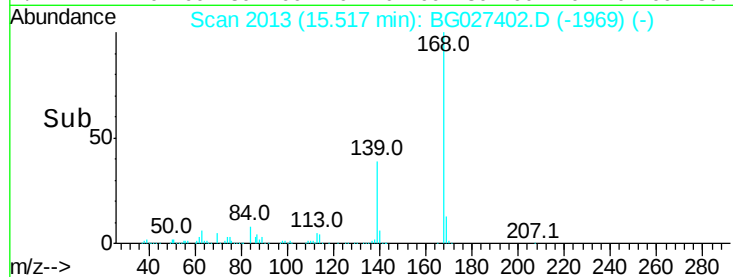
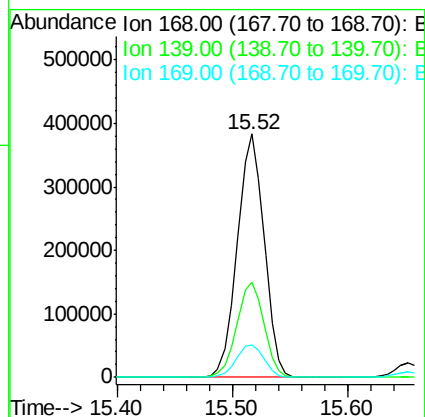
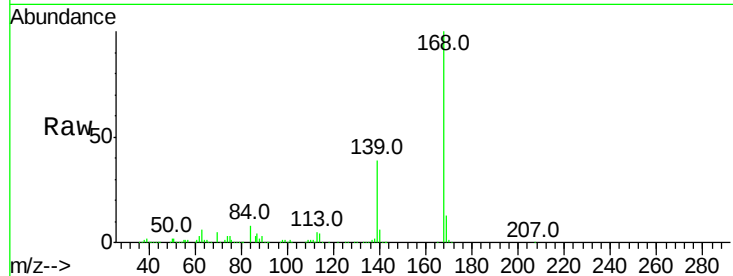


#54
Dibenzenofuran
Concen: 48.02 ng
RT: 15.52 min Scan# 2013
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

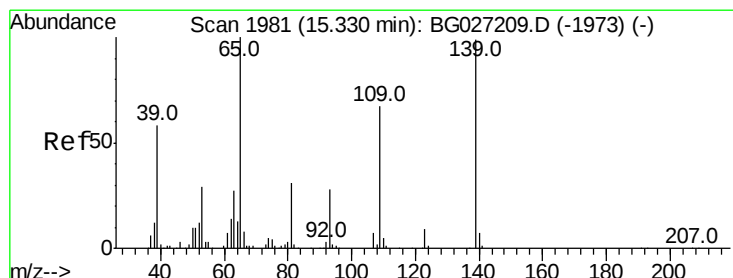
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	35.3	52.9	
169	13.3	11.5	17.3	

Manual Integrations
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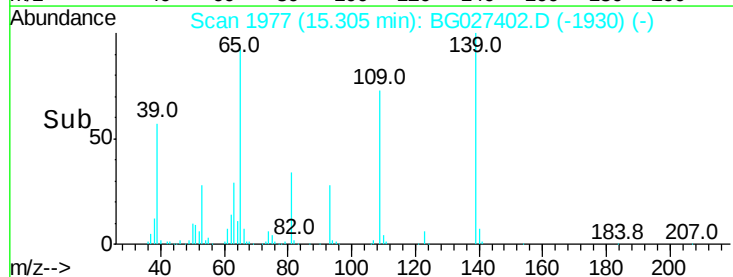
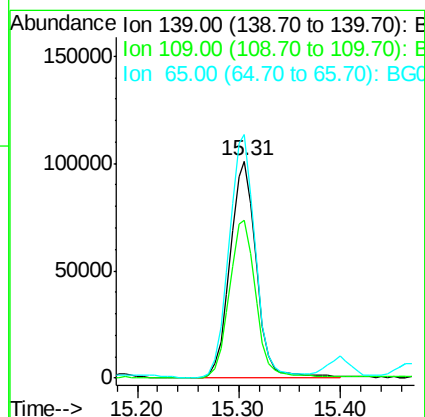
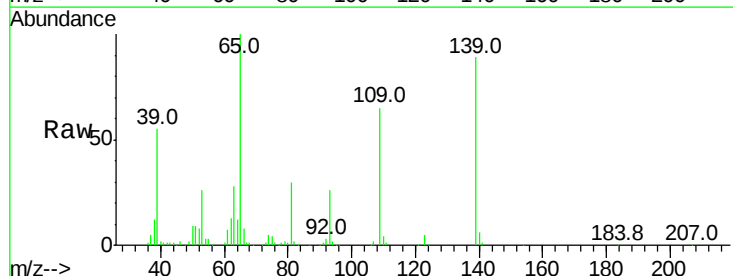
mohammad

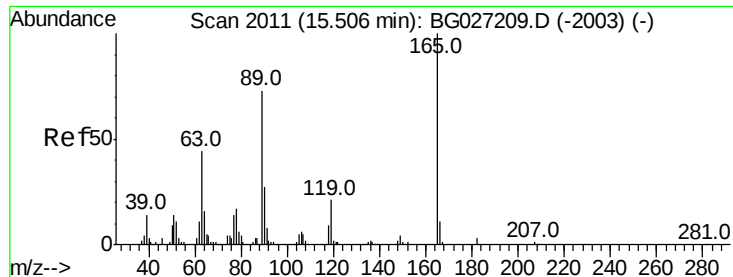
6/14/2017 4:24:10 PM



#55
4-Nitrophenol
Concen: 88.45 ng
RT: 15.31 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.6	101.2	141.2#	
65	112.3	135.3	175.3#	



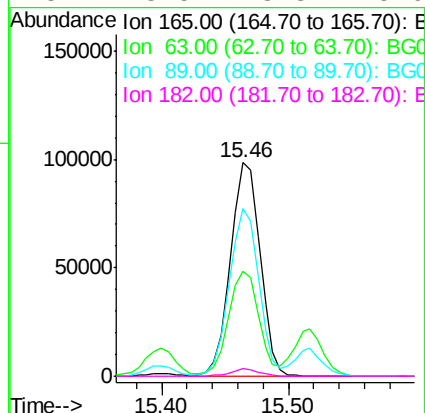
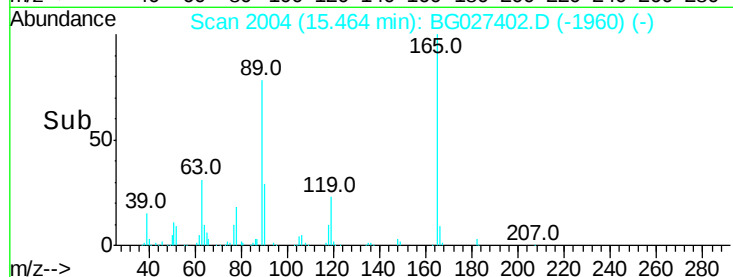
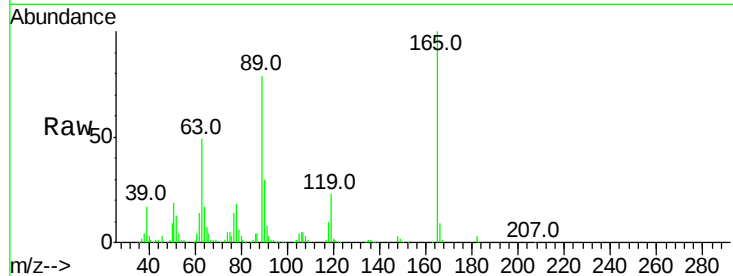


#56
2,4-Dinitrotoluene
Concen: 55.47 ng
RT: 15.46 min Scan# 2004
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

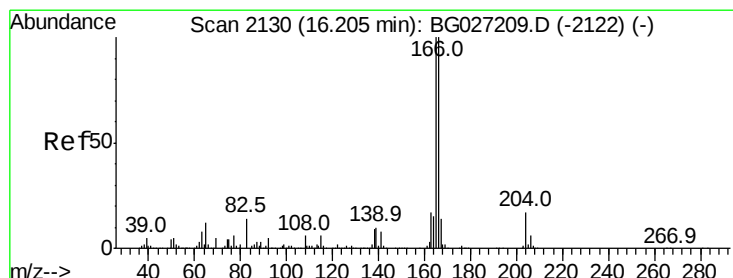
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.4	44.0	66.0	
89	78.7	67.3	100.9	
182	3.5	3.8	5.6	

Manual Integrations
APPROVED



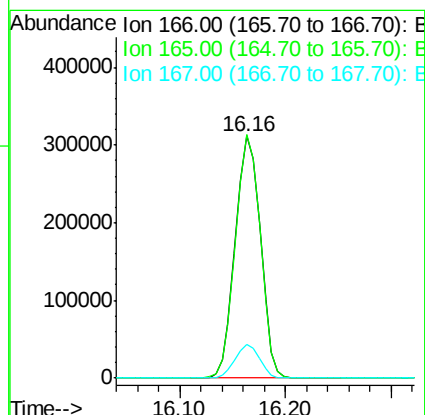
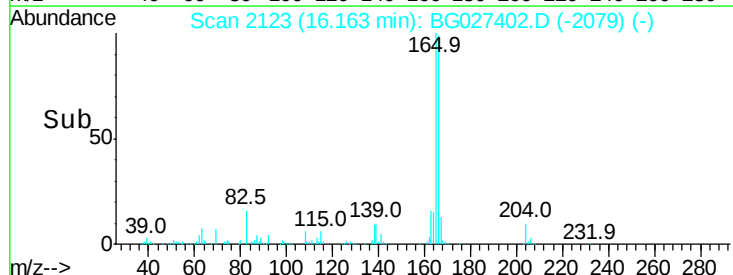
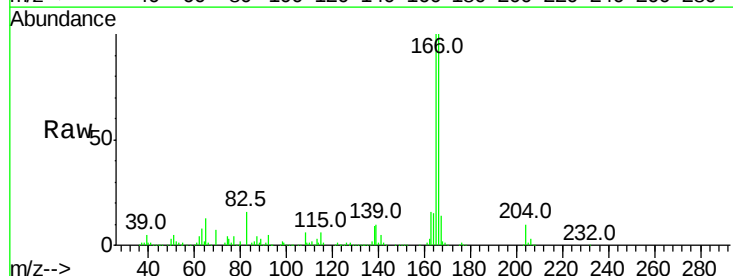
mohammad

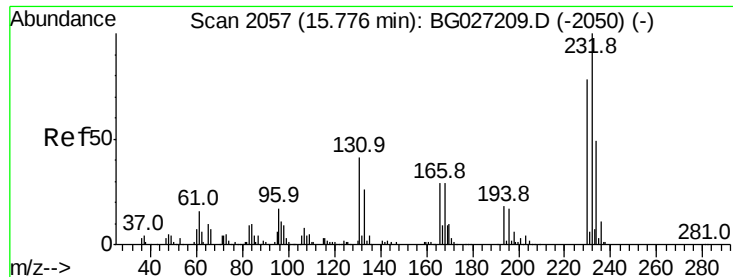
6/14/2017 4:24:10 PM



#57
Fluorene
Concen: 44.89 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	78.6	117.8	
167	13.7	11.6	17.4	





#58

2,3,4,6-Tetrachlorophenol

Concen: 55.05 ng

RT: 15.73 min Scan# 2050

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

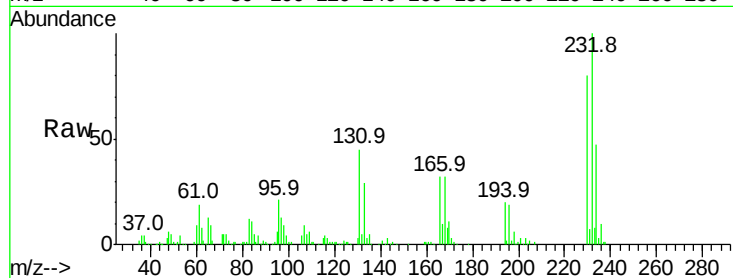
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	141785		
131	45.8		34.9	52.3
130	2.5		2.3	3.5
166	31.8		24.2	36.4

Manual Integrations
APPROVED

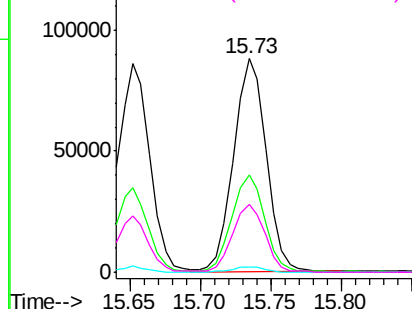
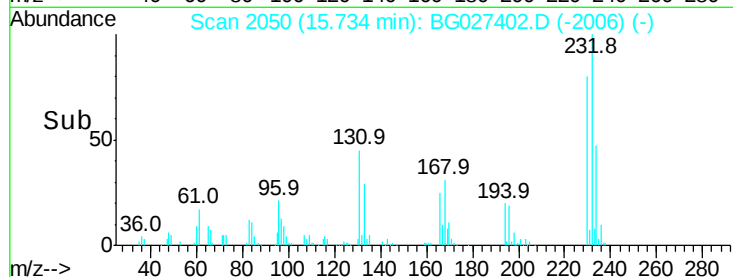


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

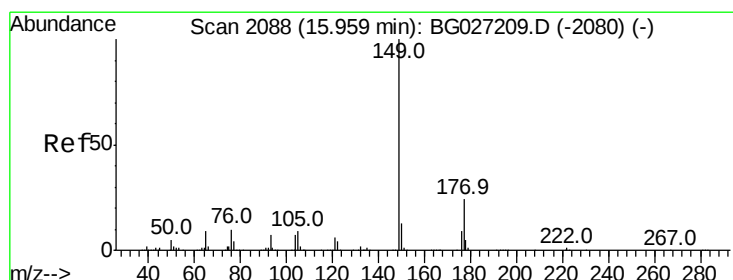
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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6/14/2017 4:24:10 PM



#59

Diethylphthalate

Concen: 50.71 ng

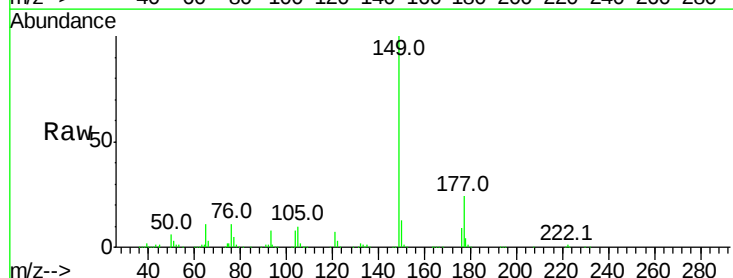
RT: 15.91 min Scan# 2080

Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

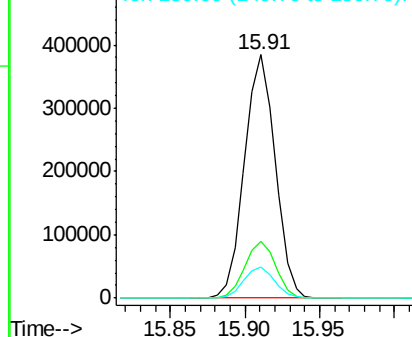
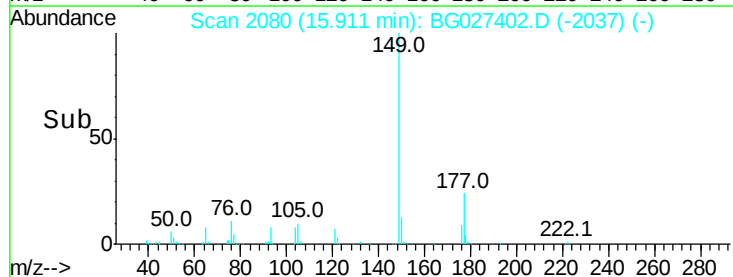
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	547540		
177	23.5		20.1	30.1
150	13.0		10.2	15.2

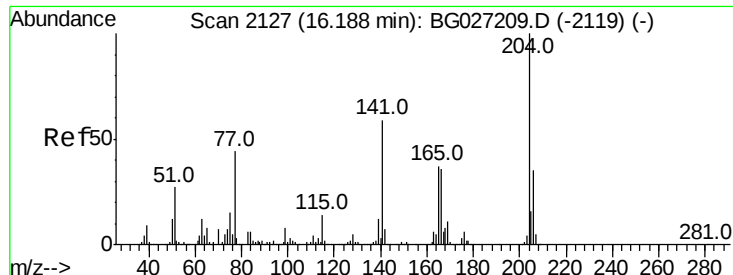


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



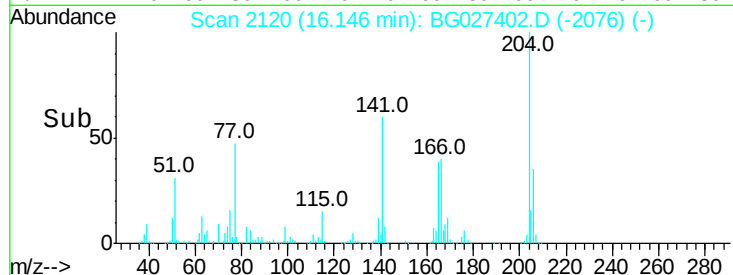
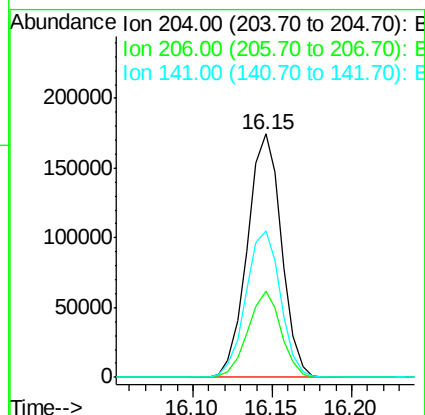
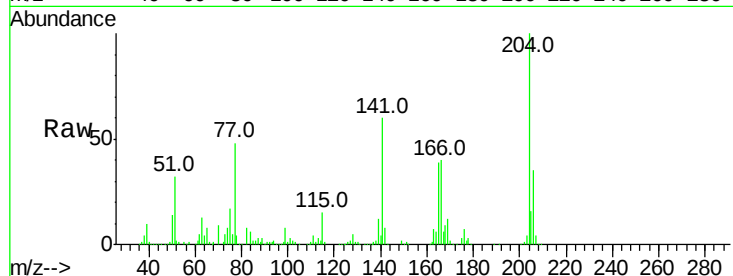


#60
4-Chlorophenyl-phenylether
Concen: 45.32 ng
RT: 16.15 min Scan# 2120
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

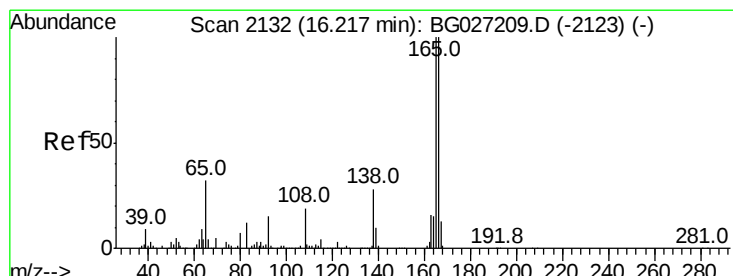
Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.3	30.1	45.1
141	60.2	50.6	76.0

Manual Integrations
APPROVED



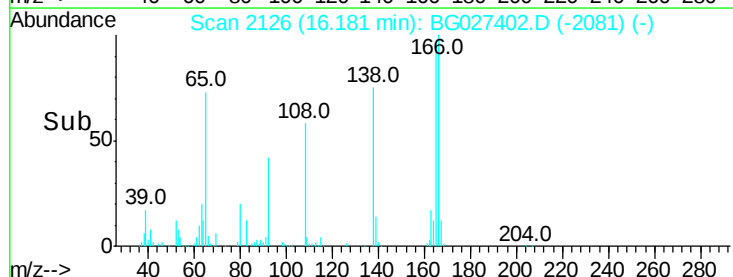
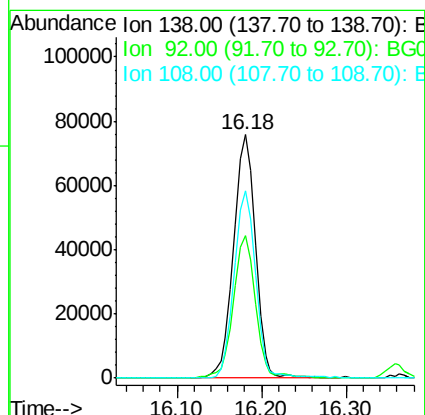
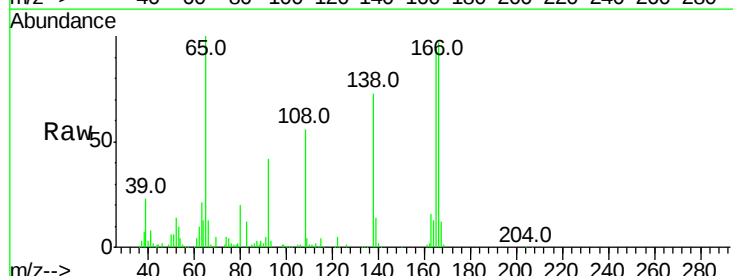
mohammad

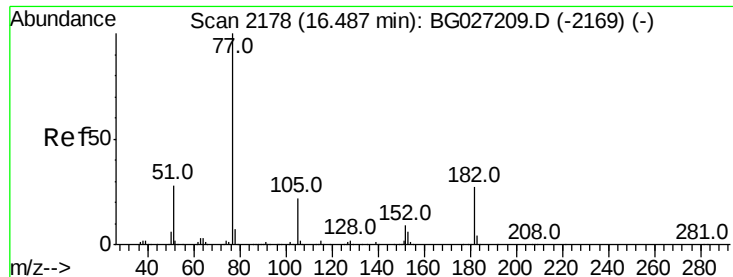
6/14/2017 4:24:10 PM



#61
4-Nitroaniline
Concen: 56.88 ng
RT: 16.18 min Scan# 2126
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	58.4	44.2	84.2
108	76.7	104.8	144.8#





#62

Azobenzene

Concen: 58.60 ng

RT: 16.44 min Scan# 2170

Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

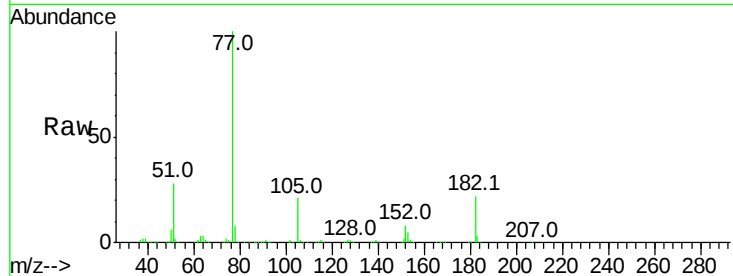
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.3	4.7	44.7		
105	21.2	0.0	36.3		
51	28.5	16.4	56.4		

Manual Integrations
APPROVED

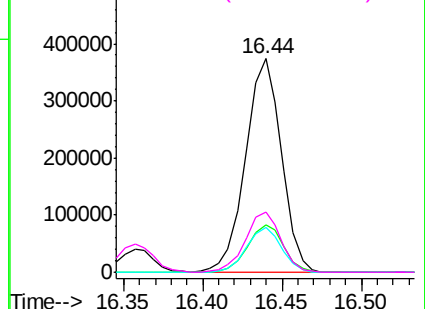
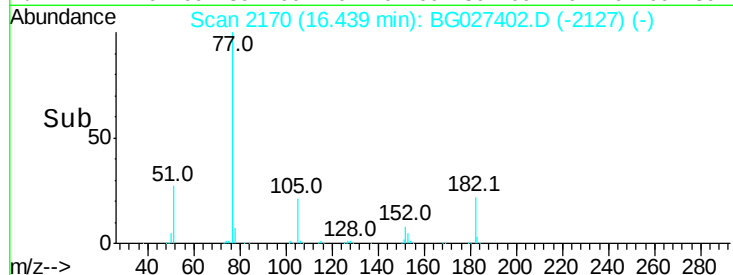


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

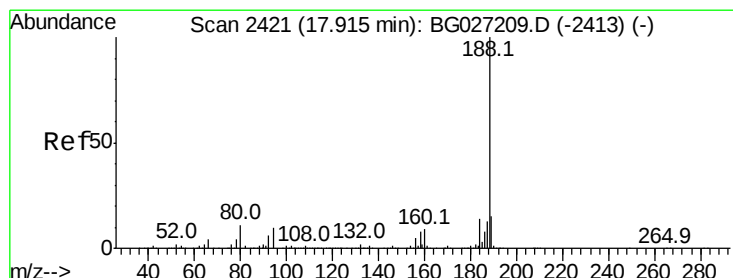
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



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#63

Phenanthrene-d10

Concen: 20.00 ng

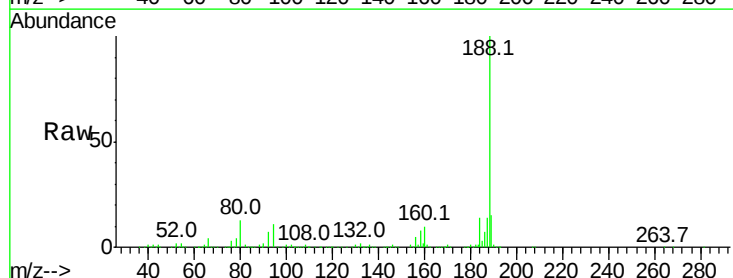
RT: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

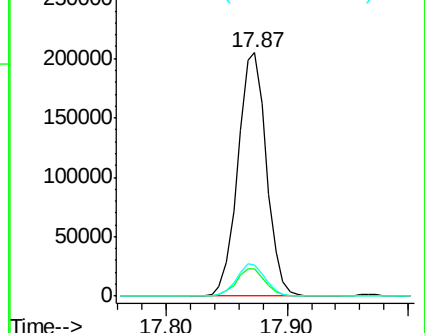
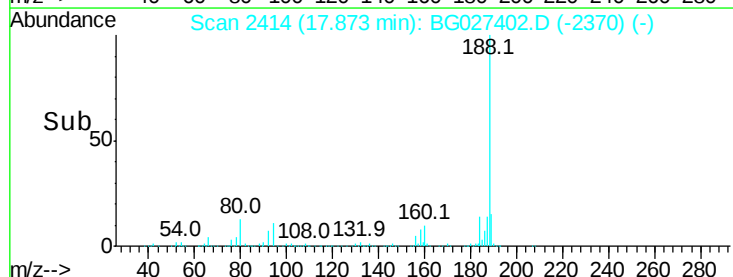
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.5	5.8	8.8#		
80	13.0	7.5	11.3#		

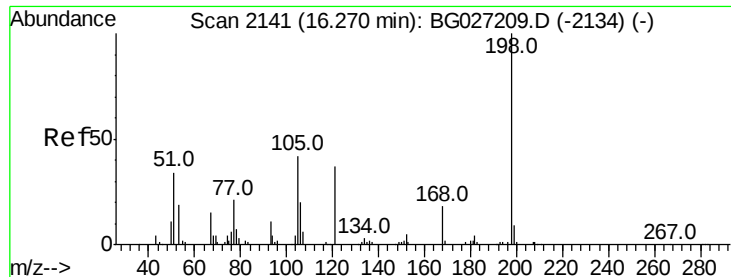


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 36.28 ng

RT: 16.23 min Scan# 2134

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion:198 Resp: 48926

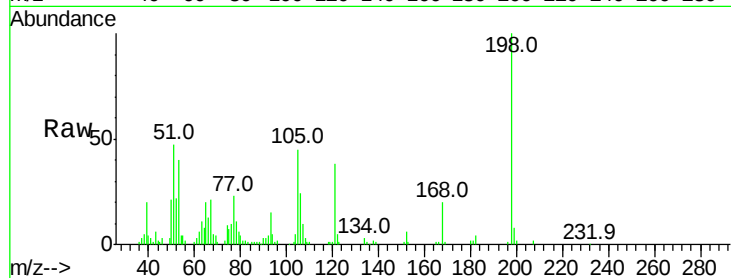
Ion Ratio Lower Upper

198 100

51 47.1 22.6 62.6

105 44.9 14.4 54.4

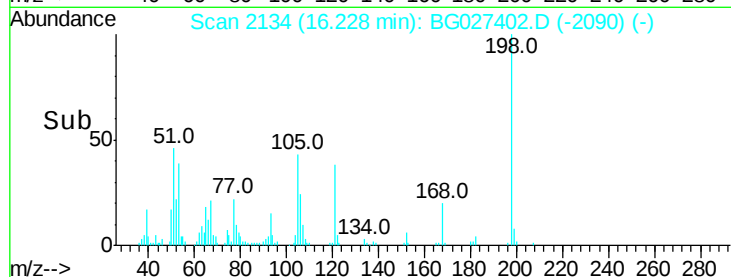
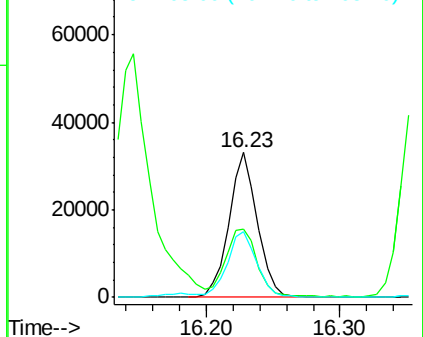
Manual Integrations
APPROVED



Abundance Ion 198.00 (197.70 to 198.70): E

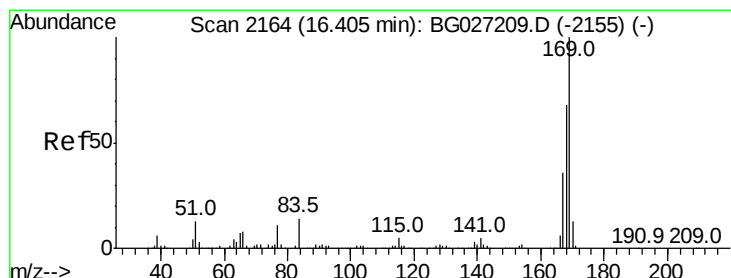
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 44.66 ng

RT: 16.36 min Scan# 2156

Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

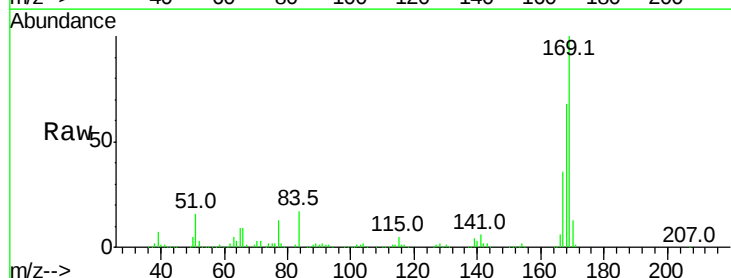
Tgt Ion:169 Resp: 471770

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

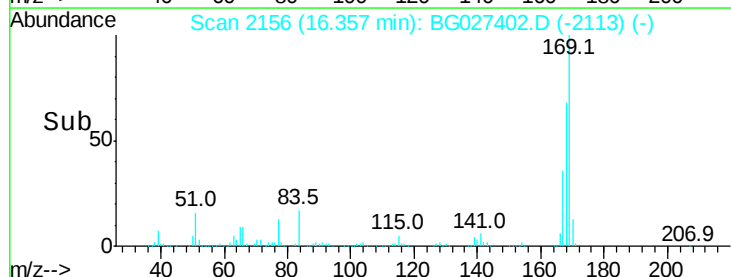
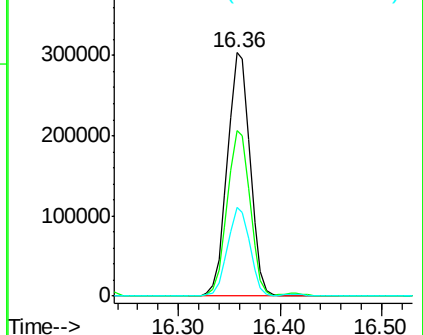
167 36.3 29.8 44.6

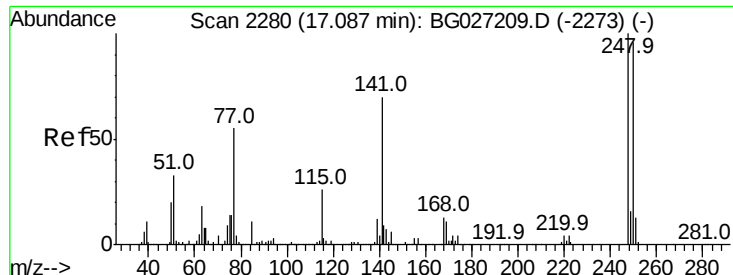


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



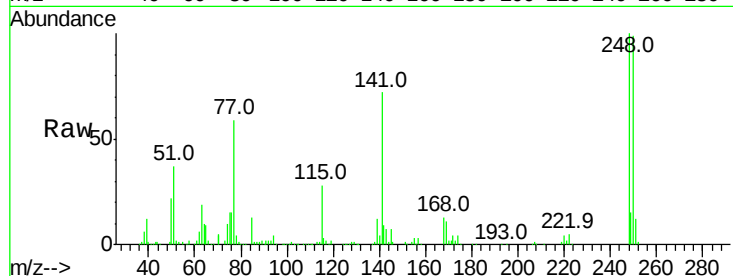


#66
4-Bromophenyl-phenylether
Concen: 43.50 ng
RT: 17.04 min Scan# 2273
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

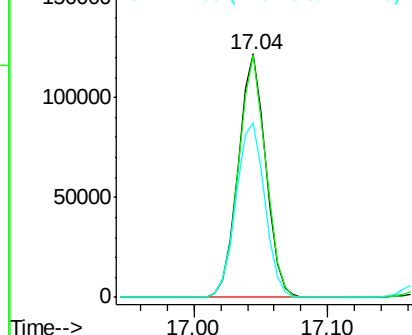
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	75.0	112.6
141	71.6	55.2	82.8

Manual Integrations
APPROVED

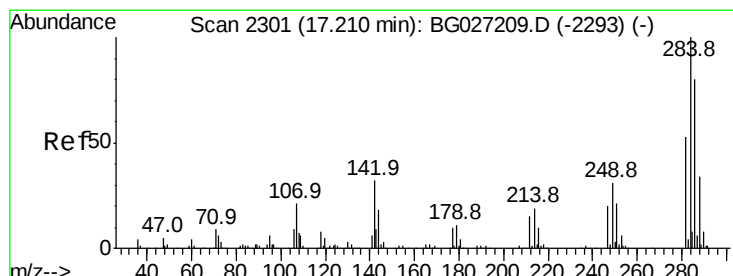
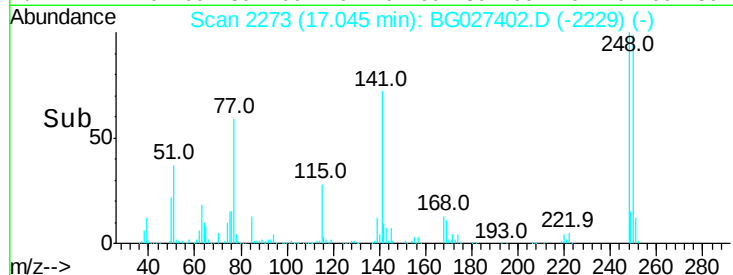


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



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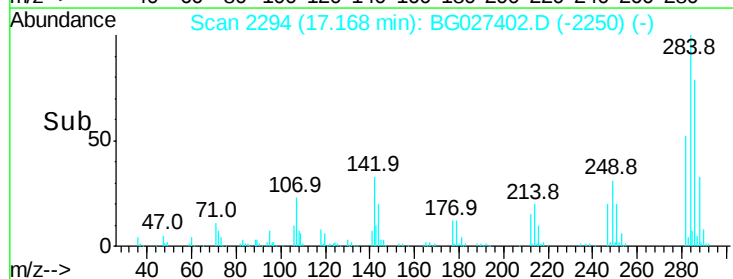
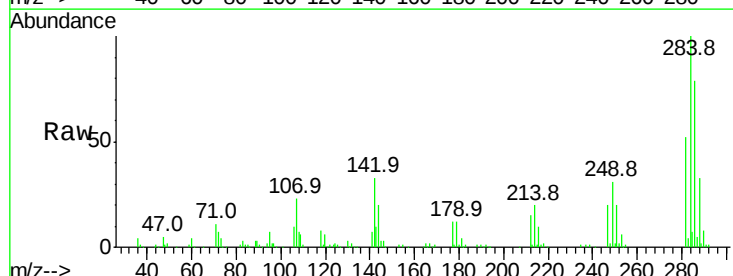
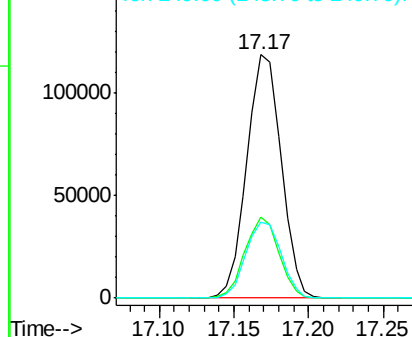
6/14/2017 4:24:10 PM

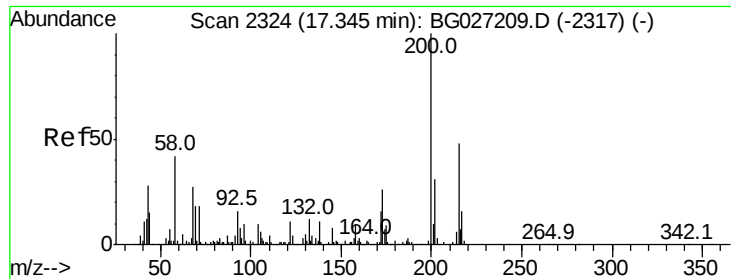


#67
Hexachlorobenzene
Concen: 44.23 ng
RT: 17.17 min Scan# 2294
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	29.9	44.9
249	31.4	29.2	43.8

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



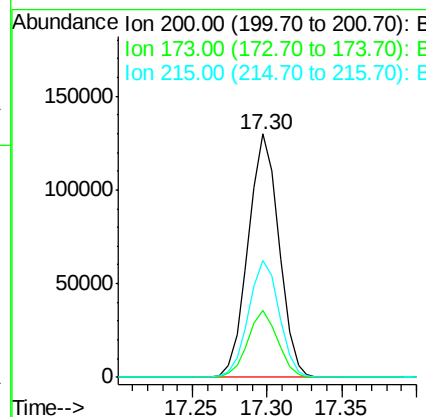
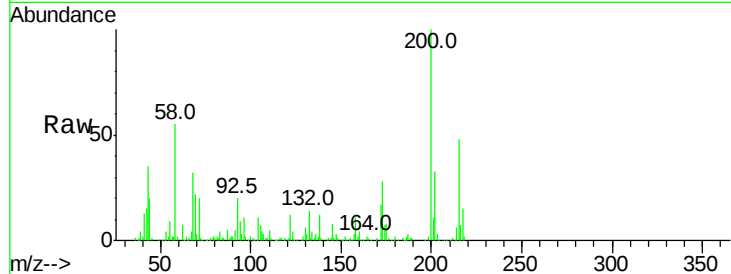


#68
Atrazine
Concen: 52.35 ng
RT: 17.30 min Scan# 2316
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

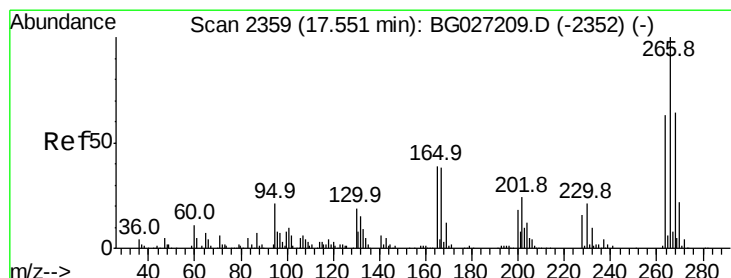
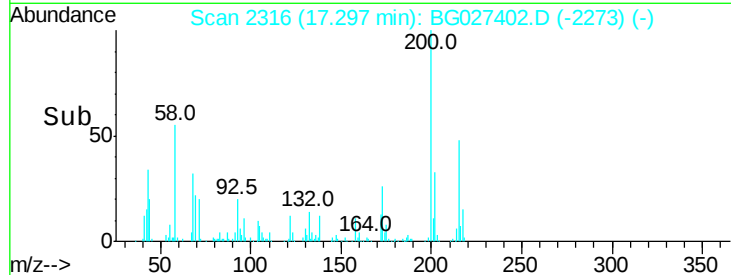
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	3.0	43.0
215	47.9	28.4	68.4

Manual Integrations
APPROVED



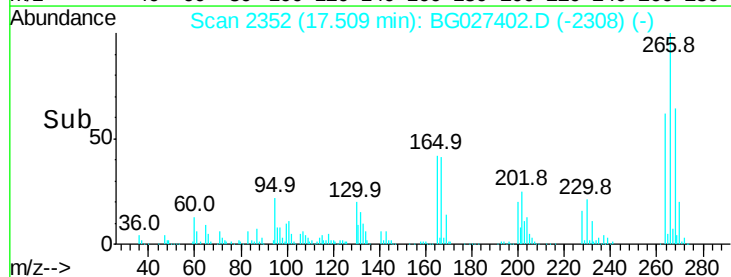
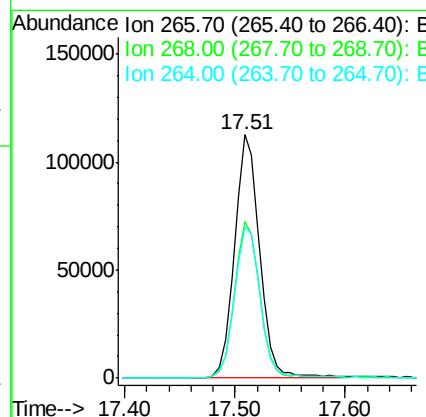
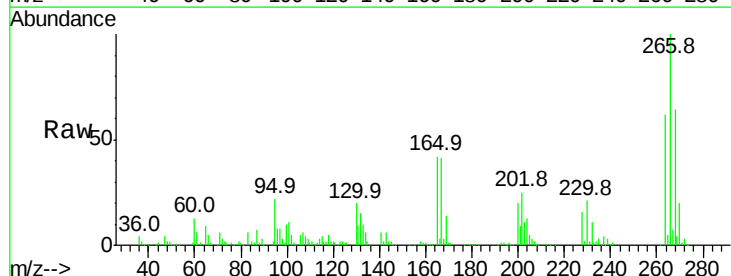
mohammad

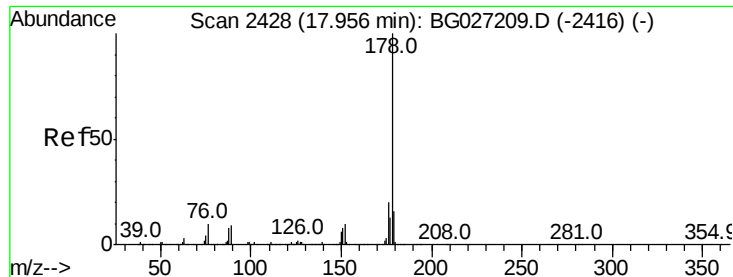
6/14/2017 4:24:10 PM



#69
Pentachlorophenol
Concen: 71.72 ng
RT: 17.51 min Scan# 2352
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	48.6	72.8
264	62.4	50.1	75.1



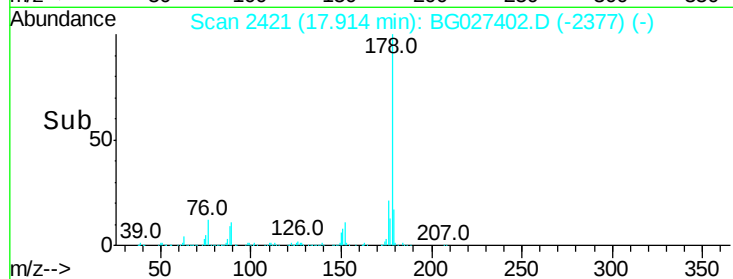
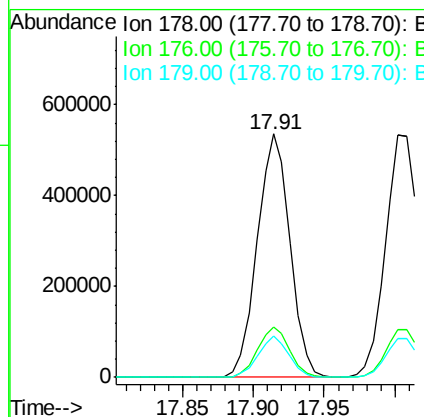
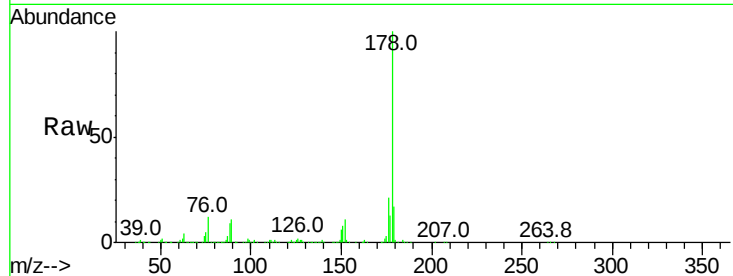


#70
Phenanthrene
Concen: 45.81 ng
RT: 17.91 min Scan# 2421
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

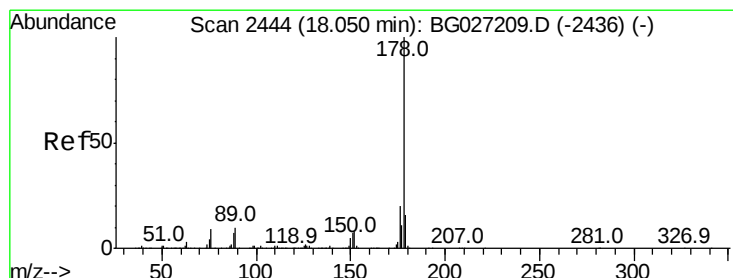
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.7	26.5
179	16.8	15.0	22.6

Manual Integrations
APPROVED



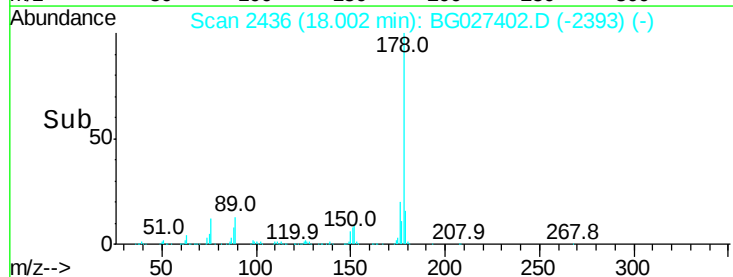
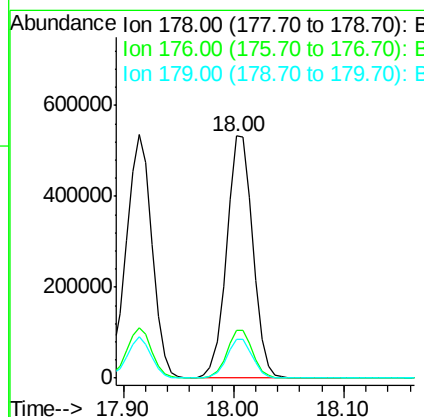
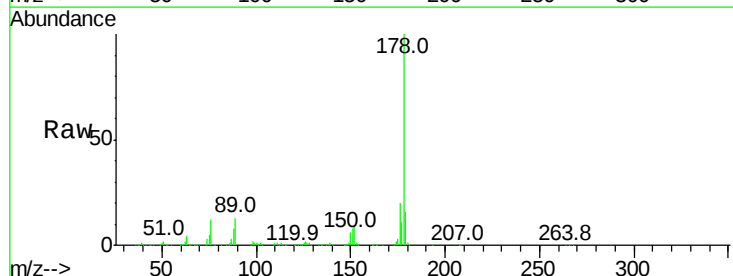
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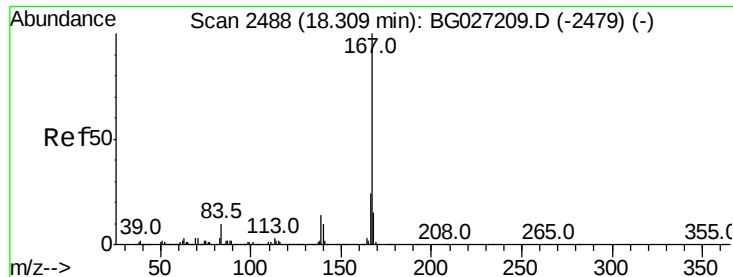
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#71
Anthracene
Concen: 46.53 ng
RT: 18.00 min Scan# 2436
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.2	13.8	20.8





#72

Carbazole

Concen: 46.22 ng

RT: 18.27 min Scan# 2482

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

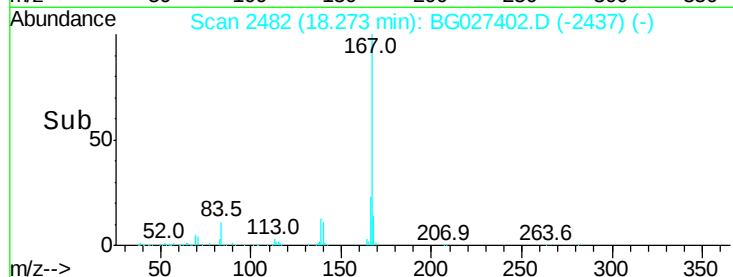
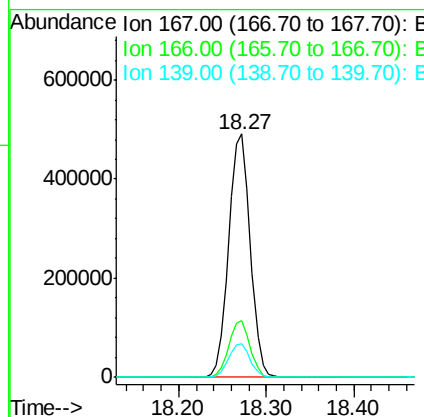
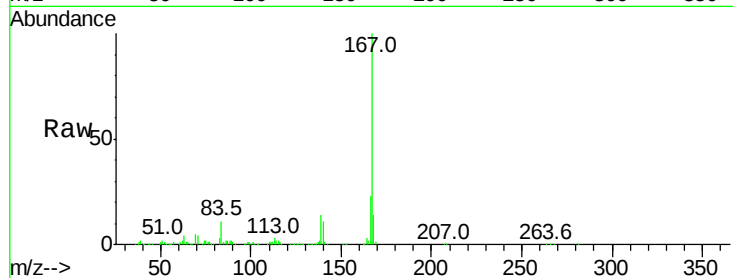
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

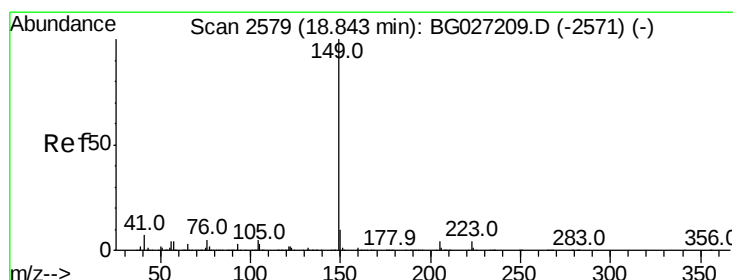
Tot Ion:	167	Resp:	827879
Ion Ratio	Lower	Upper	
167	100		
166	23.2	20.2	30.2
139	14.1	12.8	19.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 58.35 ng

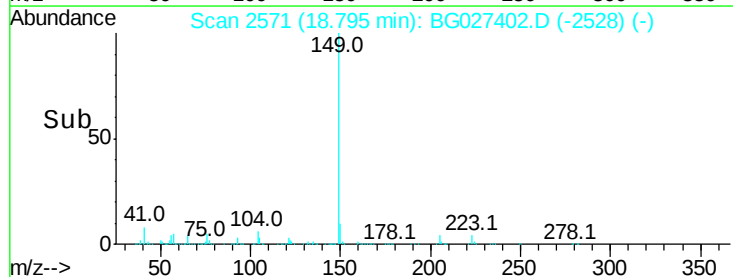
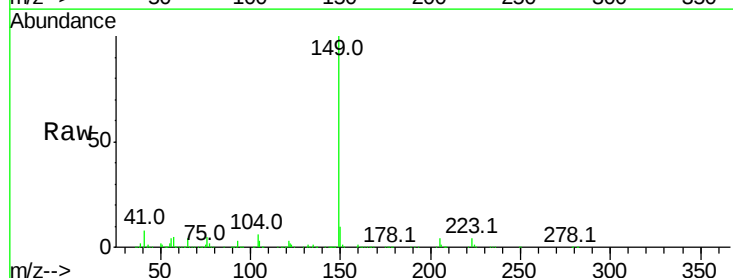
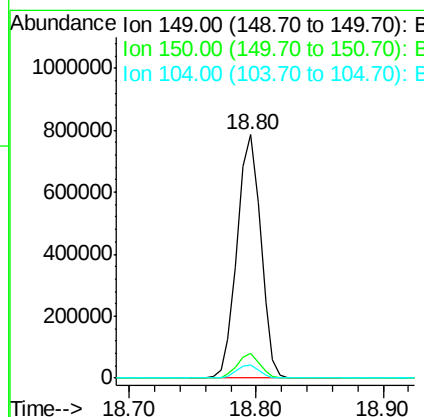
RT: 18.80 min Scan# 2571

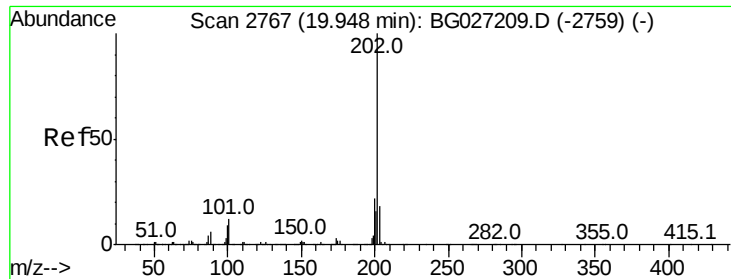
Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion:	149	Resp:	1013445
Ion Ratio	Lower	Upper	
149	100		
150	9.9	9.1	13.7
104	5.6	6.7	10.1#



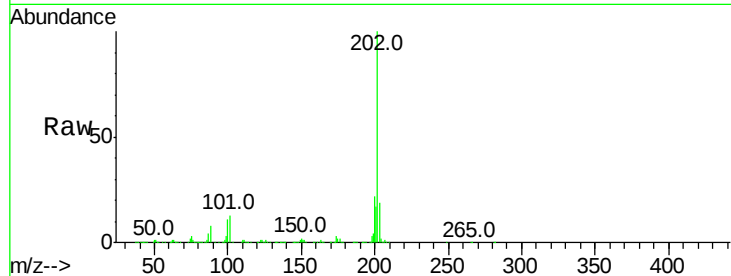


#74
Fluoranthene
Concen: 51.99 ng
RT: 19.91 min Scan# 2760
Delta R.T. -0.04 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

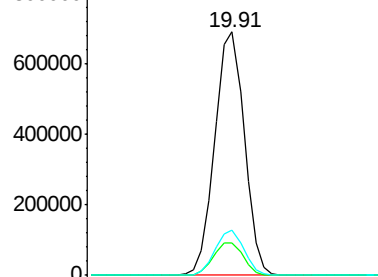
Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.1
203	18.7	1.3	41.3

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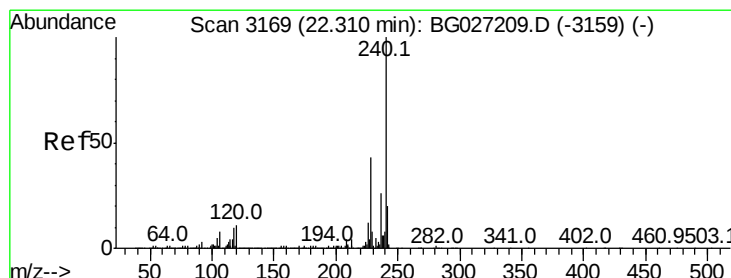
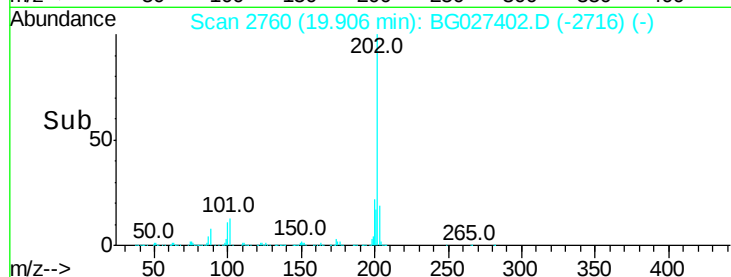


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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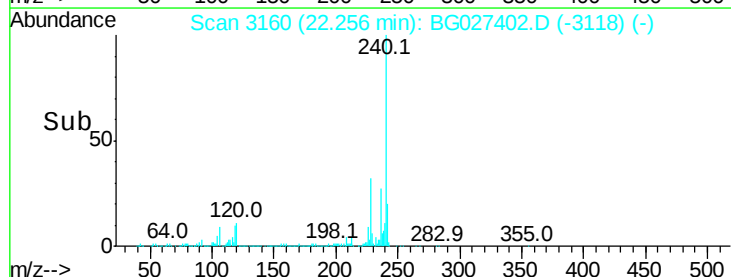
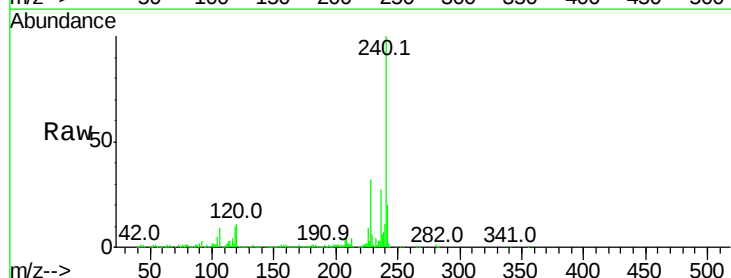
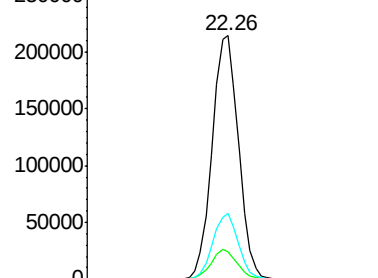
6/14/2017 4:24:10 PM

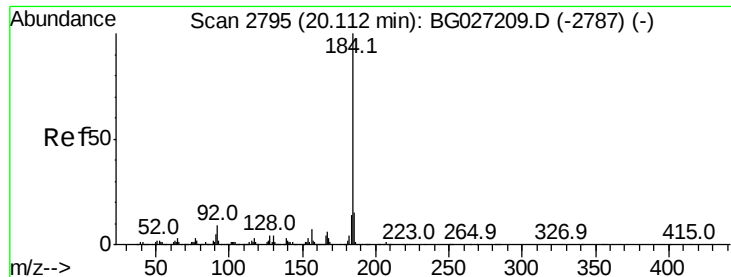


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.26 min Scan# 3160
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.7	8.5#
236	26.8	22.2	33.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 48.61 ng

RT: 20.08 min Scan# 2789

Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

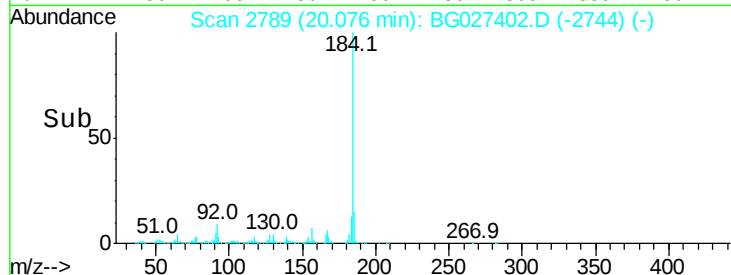
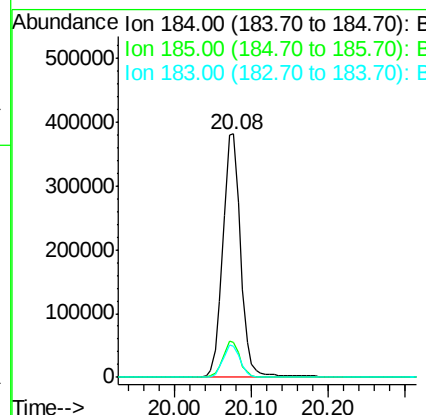
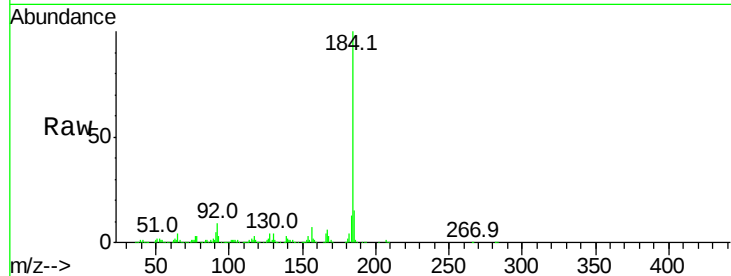
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

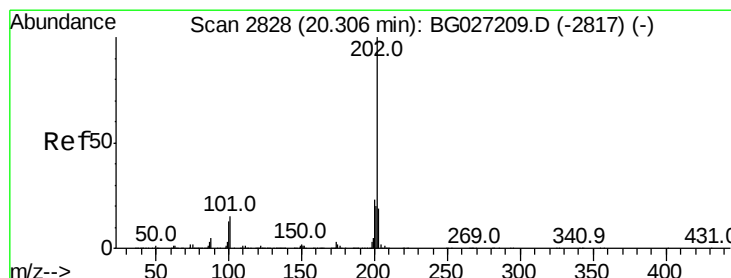
Tot Ion:	184	Resp:	608560
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.6
183	12.9	11.0	16.6

Manual Integrations
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#77

Pyrene

Concen: 43.30 ng

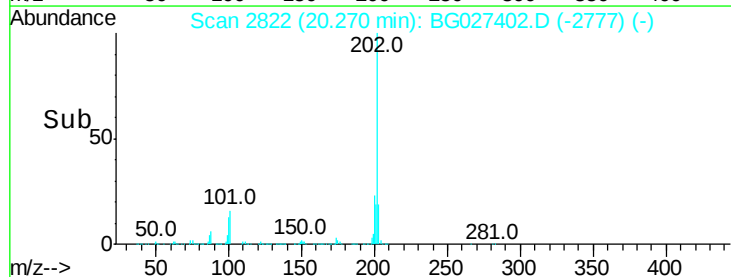
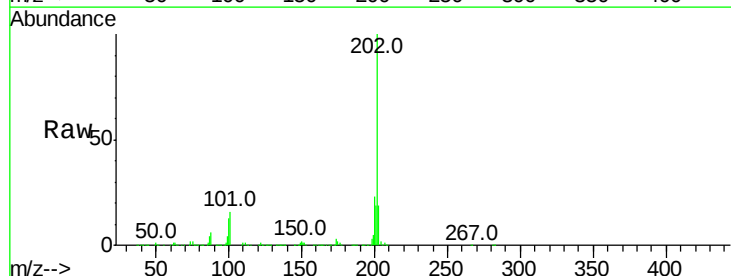
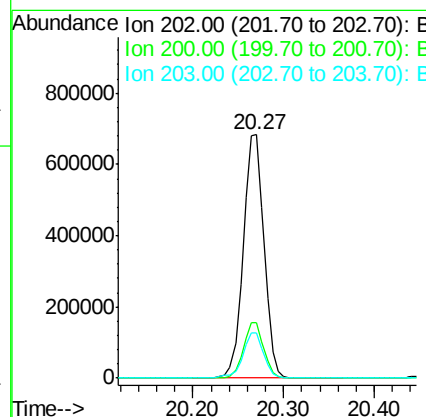
RT: 20.27 min Scan# 2822

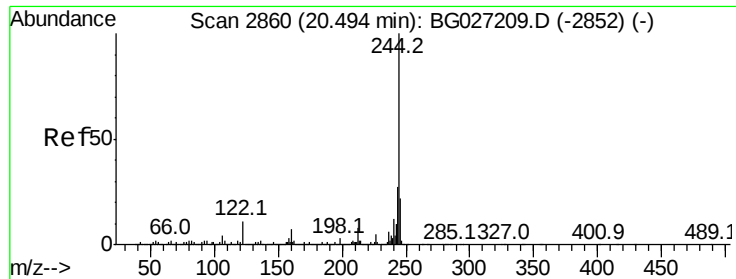
Delta R.T. -0.04 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion:	202	Resp:	1087237
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.6	29.4
203	18.5	15.8	23.8





#78

Terphenyl-d14

Concen: 100.95 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion:244 Resp: 1644767

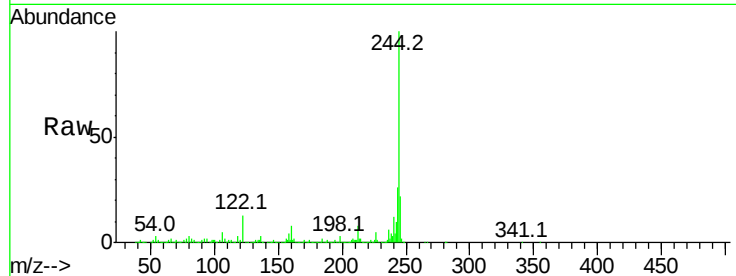
Ion Ratio Lower Upper

244 100

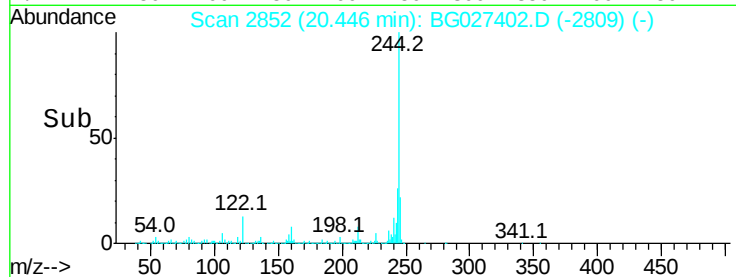
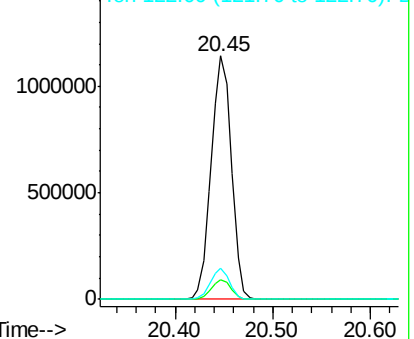
212 8.3 10.0 15.0#

122 12.6 8.6 12.8

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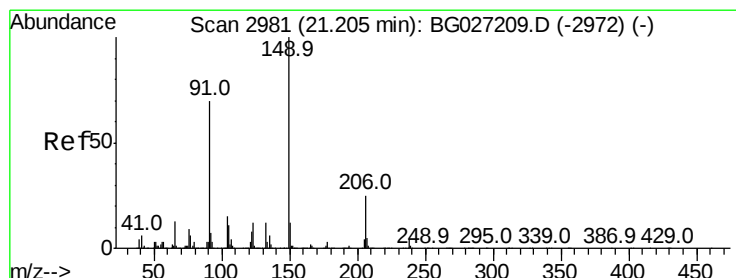


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 53.95 ng

RT: 21.15 min Scan# 2971

Delta R.T. -0.06 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

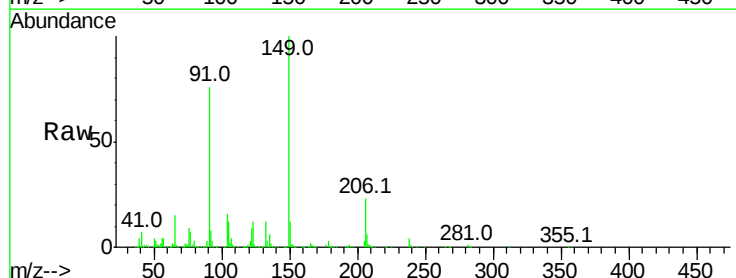
Tgt Ion:149 Resp: 478729

Ion Ratio Lower Upper

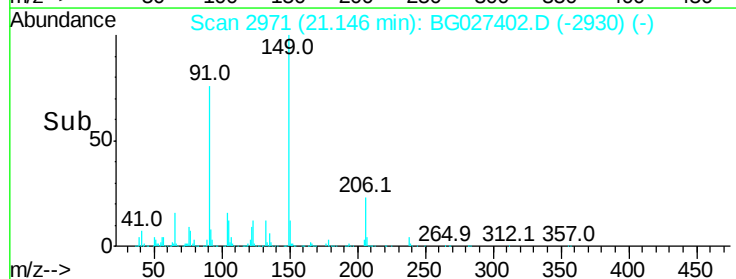
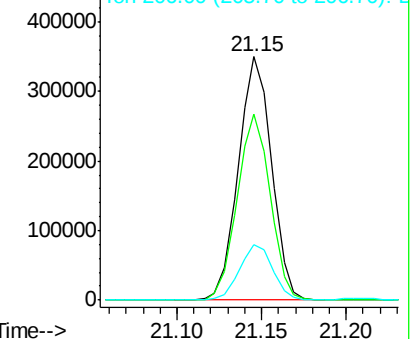
149 100

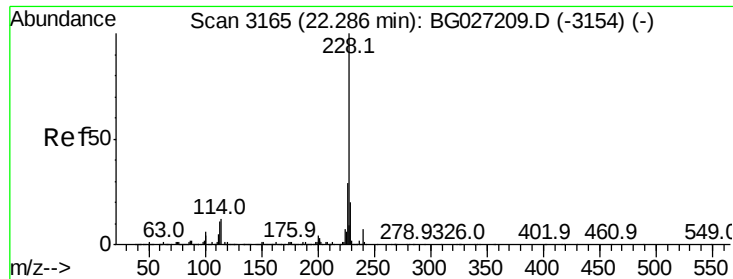
91 76.5 63.5 95.3

206 23.0 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



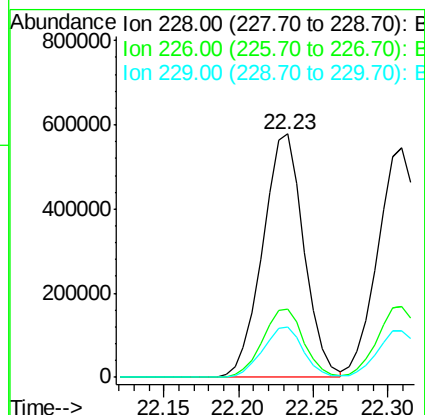
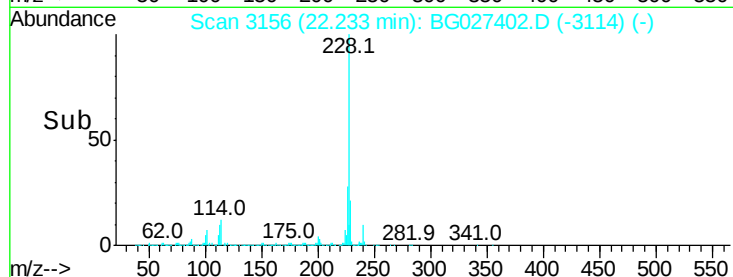
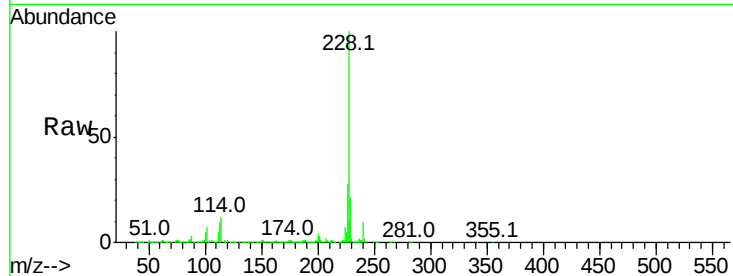


#80
Benzo(a)anthracene
Concen: 46.74 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

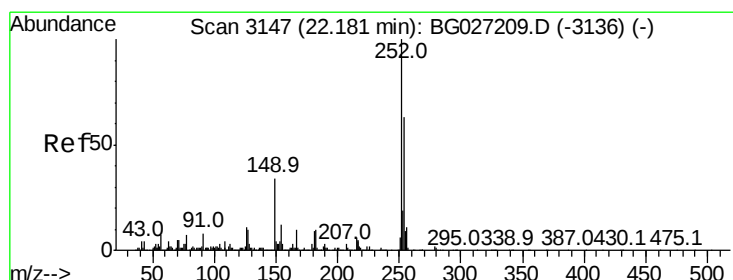
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	20.6	18.2	27.2

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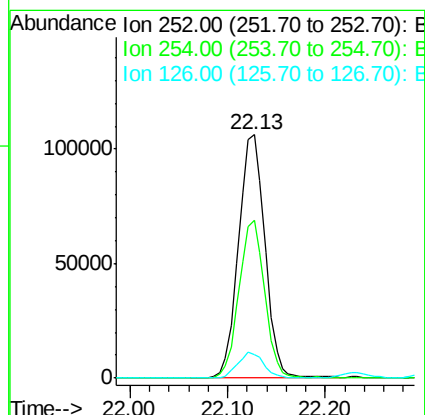
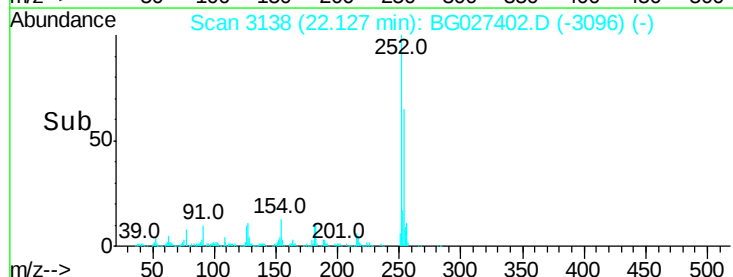
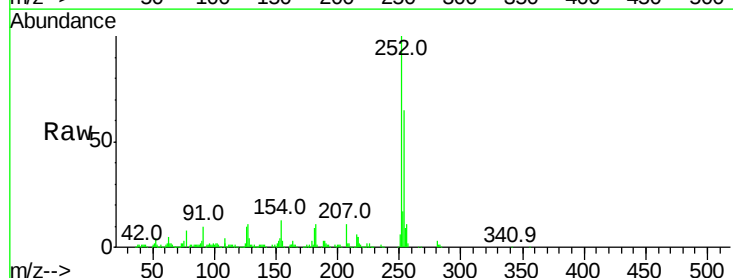
mohammad

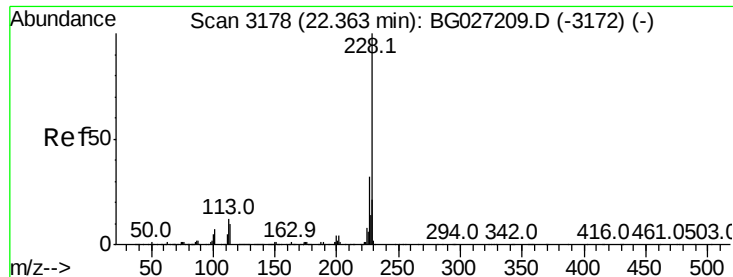
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#81
3,3'-Dichlorobenzidine
Concen: 21.72 ng
RT: 22.13 min Scan# 3138
Delta R.T. -0.05 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	9.9	7.0	10.4





#82

Chrysene

Concen: 45.33 ng

RT: 22.31 min Scan# 3169

Delta R.T. -0.05 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

Tot Ion:228 Resp: 1031452

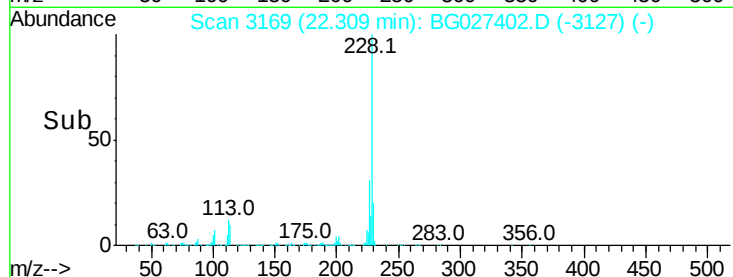
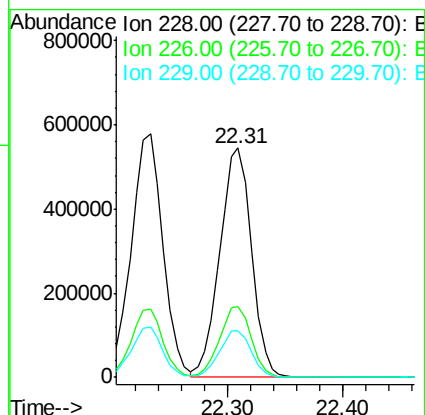
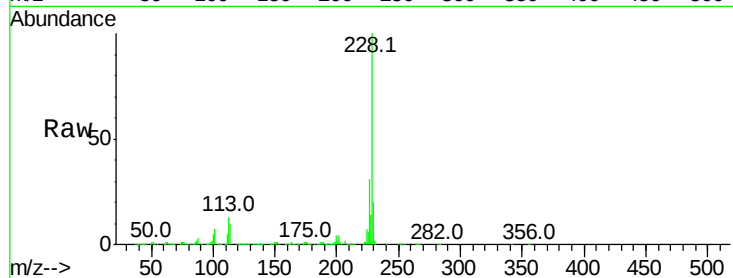
Ion Ratio Lower Upper

228 100

226 30.7 27.0 40.4

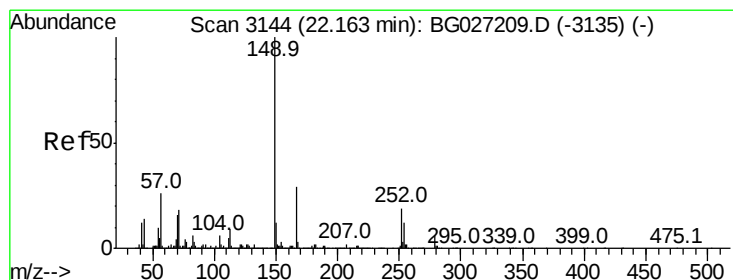
229 20.1 17.8 26.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 50.16 ng

RT: 22.09 min Scan# 3131

Delta R.T. -0.08 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

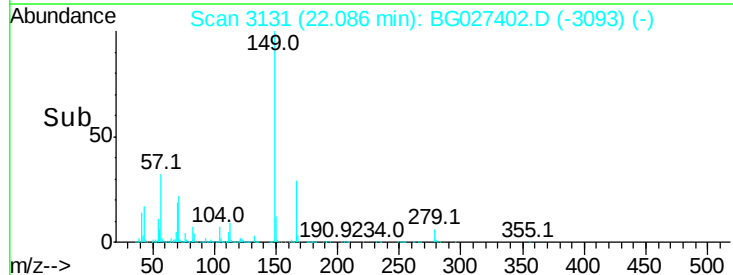
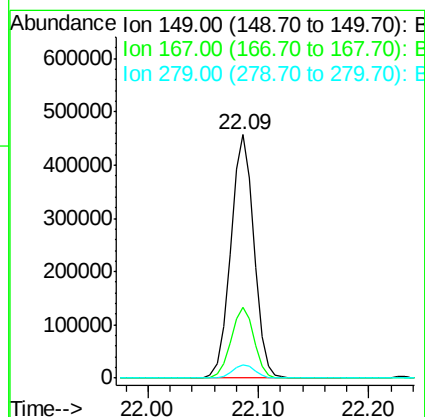
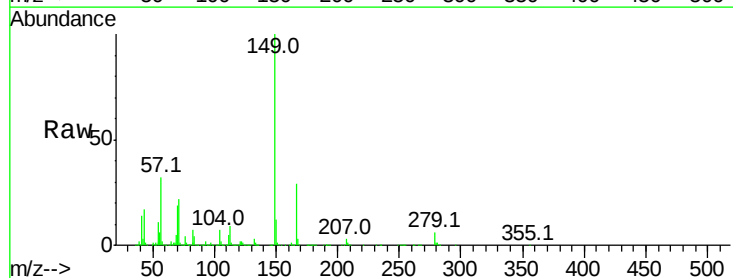
Tgt Ion:149 Resp: 672591

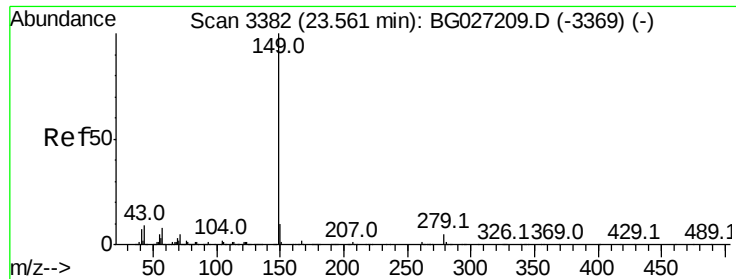
Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

279 5.6 4.6 6.8





#84

Di-n-octyl phthalate

Concen: 52.30 ng

RT: 23.45 min Scan# 3364

Delta R.T. -0.11 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Instrument :

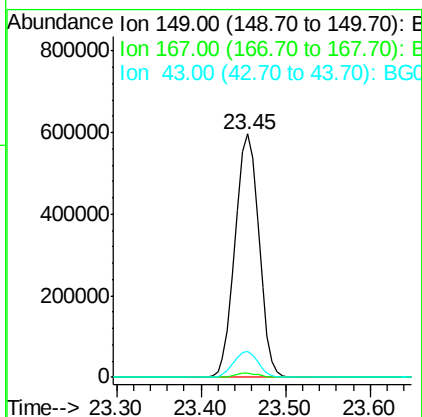
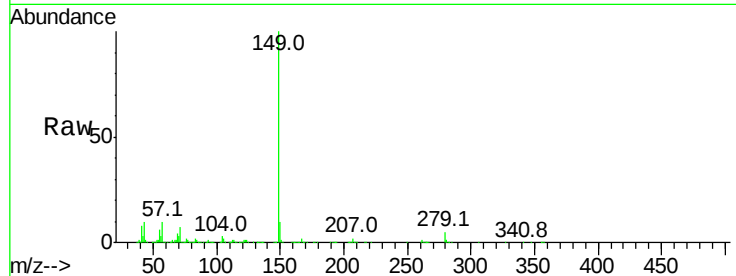
BNA_G

ClientSampleId :

CLINTON-AVE-SP-COMP-1MSD

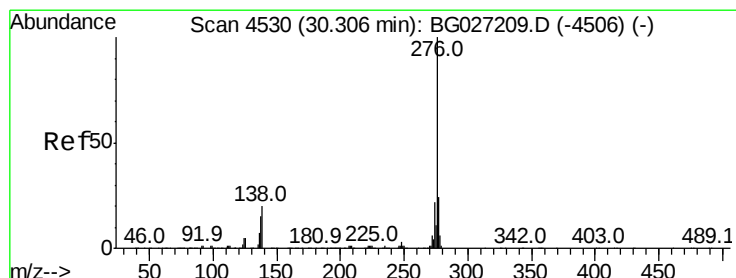
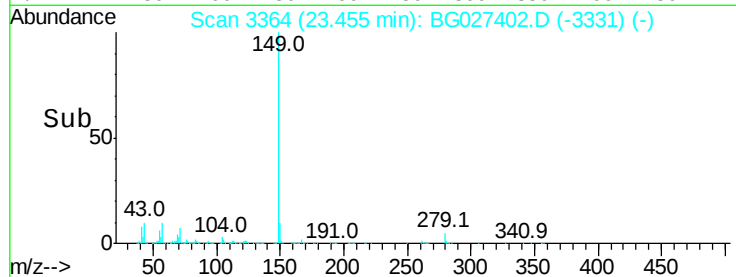
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.7	11.8	17.6#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 47.72 ng

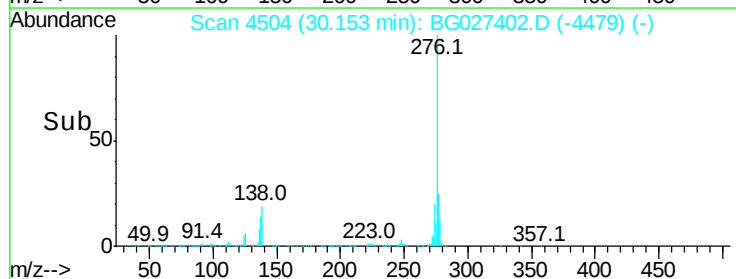
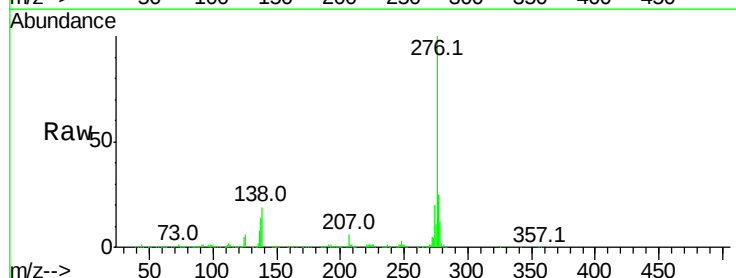
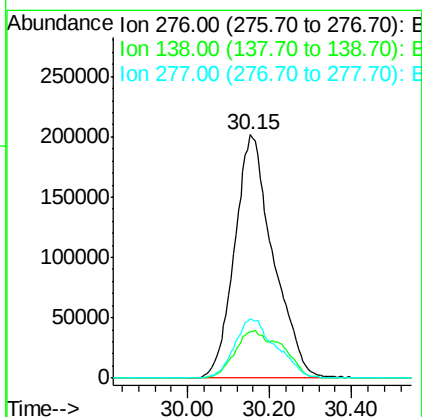
RT: 30.15 min Scan# 4504

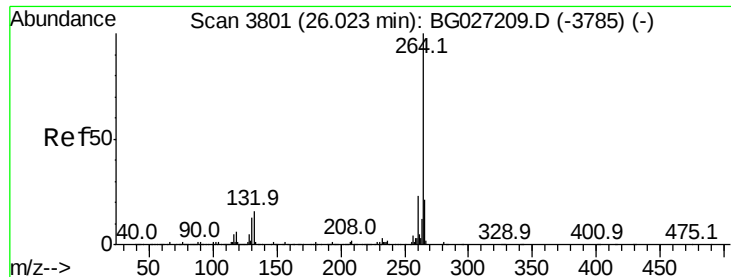
Delta R.T. -0.15 min

Lab File: BG027402.D

Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	4.7	7.1#
277	26.2	20.6	31.0



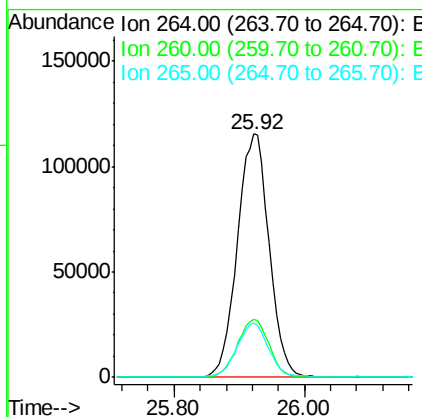
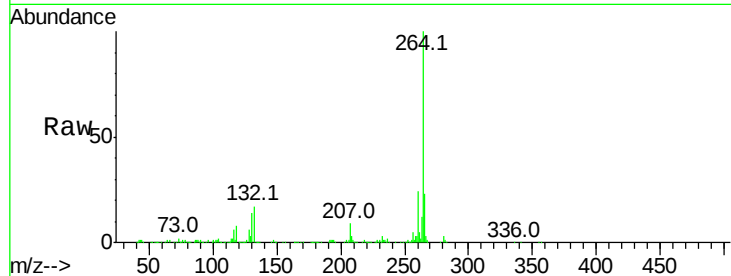


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

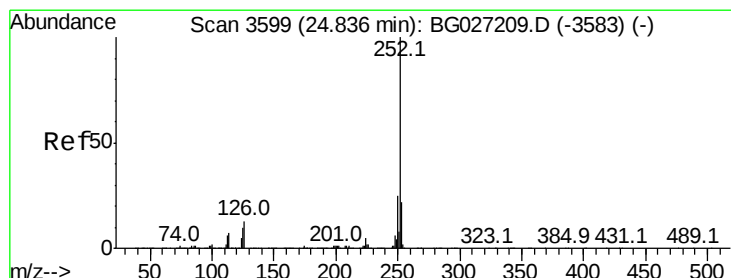
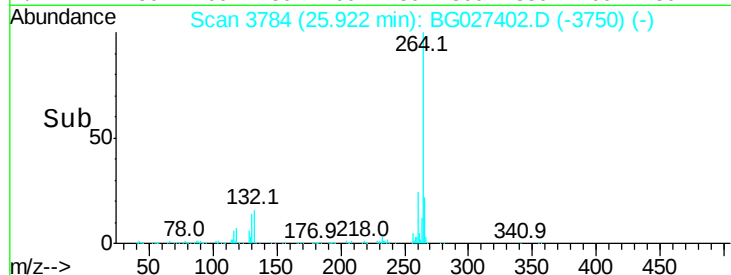
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.5	18.2	27.4

Manual Integrations
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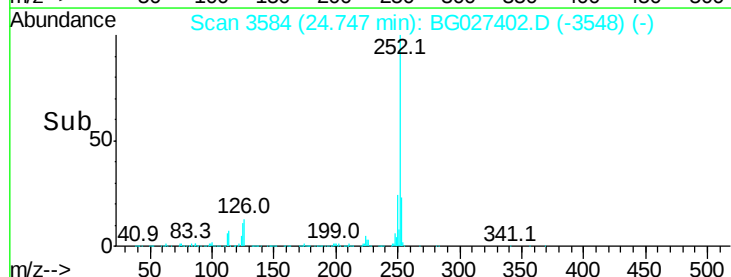
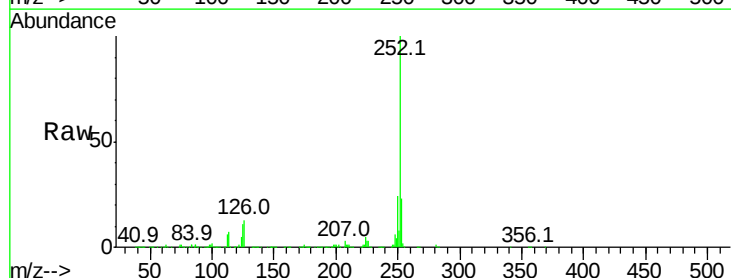
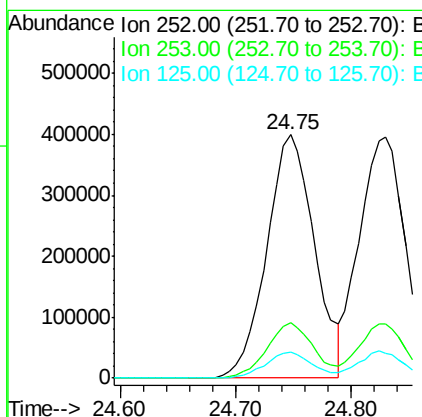
mohammad

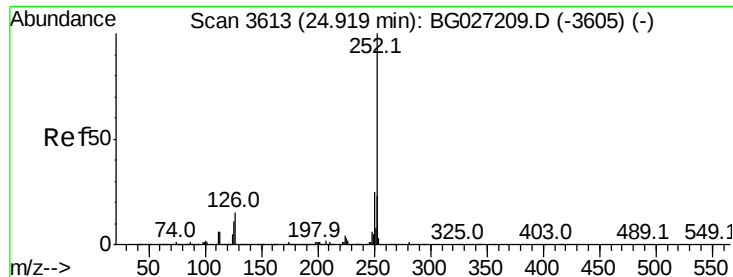
6/14/2017 4:24:10 PM



#87
Benzo(b)fluoranthene
Concen: 47.54 ng
RT: 24.75 min Scan# 3584
Delta R.T. -0.09 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	10.7	5.3	7.9#



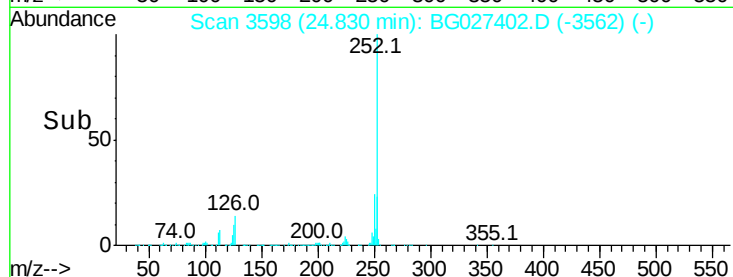
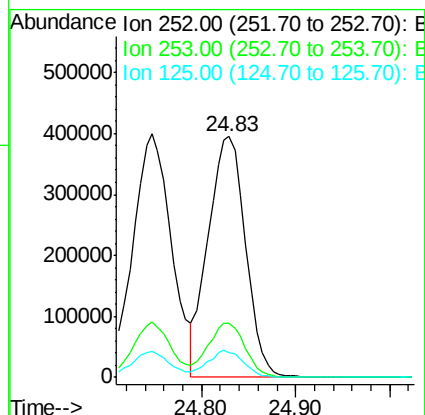
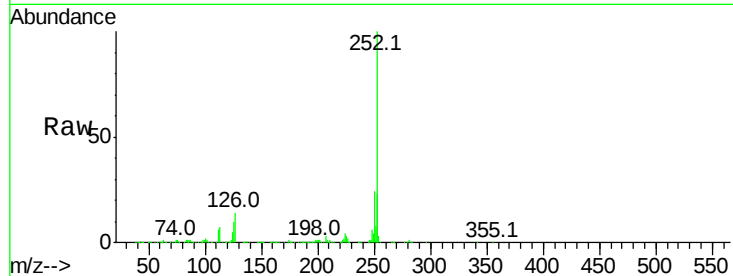


#88
Benzo(k)fluoranthene
Concen: 46.20 ng
RT: 24.83 min Scan# 3598
Delta R.T. -0.09 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

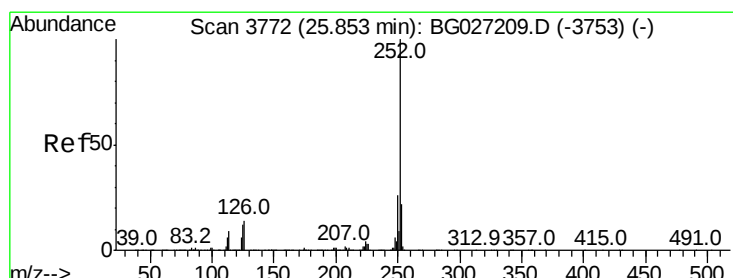
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	10.5	5.1	7.7#

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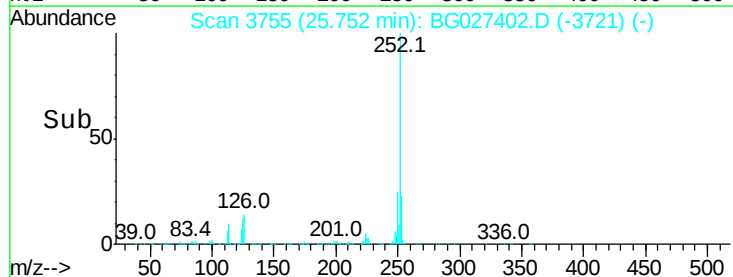
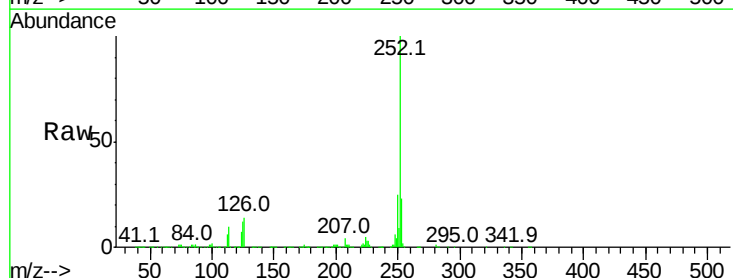
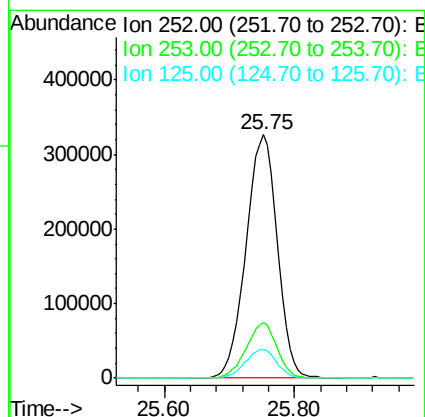
mohammad

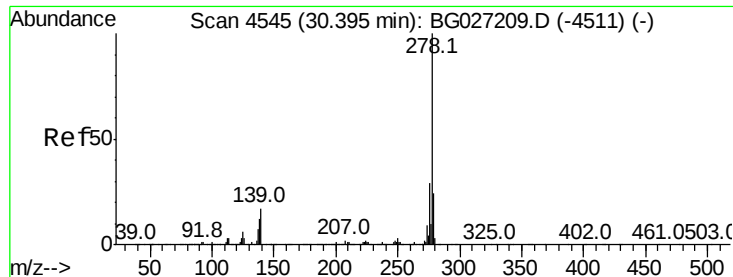
6/14/2017 4:24:10 PM



#89
Benzo(a)pyrene
Concen: 47.76 ng
RT: 25.75 min Scan# 3755
Delta R.T. -0.10 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	11.7	5.4	8.0#



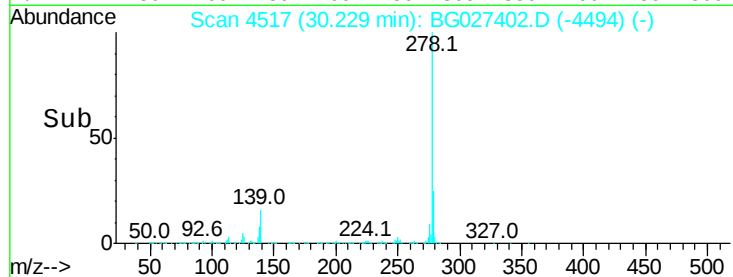
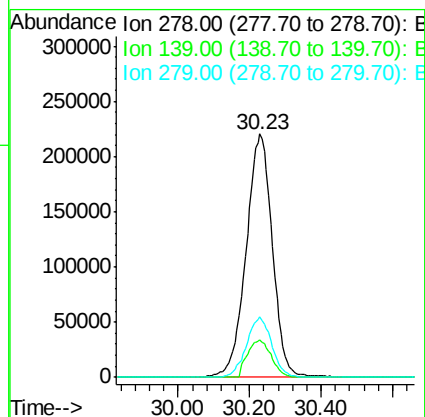
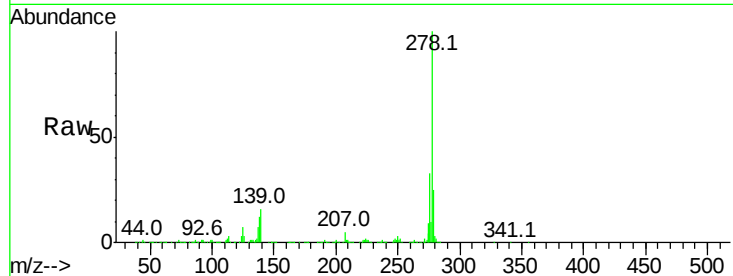


#90
Dibenzo(a,h)anthracene
Concen: 47.30 ng
RT: 30.23 min Scan# 4517
Delta R.T. -0.17 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Instrument :
BNA_G
ClientSampleId :
CLINTON-AVE-SP-COMP-1MSD

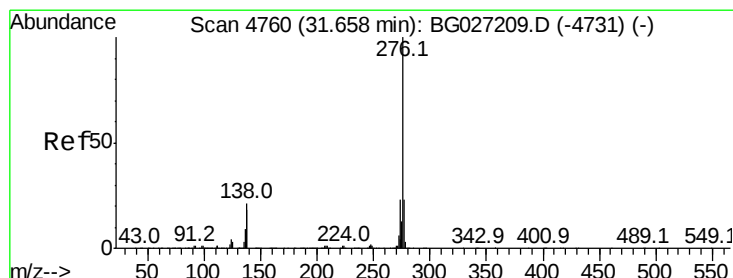
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	7.7	11.5#
279	24.9	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 46.13 ng
RT: 31.48 min Scan# 4730
Delta R.T. -0.18 min
Lab File: BG027402.D
Acq: 14 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	27.8
138	20.3	8.1	12.1#

