

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027639.D
 Acq On : 23 Jun 2017 20:31
 Operator : SJ/JU
 Sample : I3868-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Manual Integrations
 APPROVED

Quant Time: Jun 24 02:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	21170	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	93852	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	60175	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	156931	20.00	ng	0.00
75) Chrysene-d12	22.21	240	187472	20.00	ng	0.00
86) Perylene-d12	25.84	264	170388	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	189418	127.34	ng	0.00
7) Phenol-d6	7.65	99	242541	110.14	ng	0.00
23) Nitrobenzene-d5	9.67	82	186281	93.92	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	155231	173.03	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	418066	94.90	ng	0.00
78) Terphenyl-d14	20.42	244	803971	101.04	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	4.11	88	19494	33.76	ng	89
3) Pyridine	4.49	79	55993	29.95	ng	# 82
4) n-Nitrosodimethylamine	4.39	42	36590	42.88	ng	# 94
6) Aniline	7.84	93	34222	12.73	ng	97
8) 2-Chlorophenol	8.08	128	71004	45.11	ng	92
9) Benzaldehyde	7.65	77	32536	21.74	ng	97
10) Phenol	7.67	94	84345	37.60	ng	98
11) bis(2-Chloroethyl)ether	7.91	93	68524	39.03	ng	92
12) 1,3-Dichlorobenzene	8.40	146	62430	37.58	ng	97
13) 1,4-Dichlorobenzene	8.54	146	64445	38.42	ng	95
14) 1,2-Dichlorobenzene	8.86	146	63200	38.34	ng	95
15) Benzyl Alcohol	8.74	79	79037	44.95	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.02	45	90795	31.17	ng	86
17) 2-Methylphenol	8.93	107	63629	40.31	ng	93
18) Hexachloroethane	9.59	117	25792	39.21	ng	88
19) n-Nitroso-di-n-propylamine	9.30	70	62803	35.91	ng	91
20) 3+4-Methylphenols	9.25	107	86801	40.16	ng	94
22) Acetophenone	9.32	105	115452	44.86	ng	# 90
24) Nitrobenzene	9.71	77	94021	43.25	ng	94
25) Isophorone	10.23	82	175988	43.19	ng	99
26) 2-Nitrophenol	10.43	139	38652	48.07	ng	93
27) 2,4-Dimethylphenol	10.46	122	75581	49.77	ng	94
28) bis(2-Chloroethoxy)methane	10.70	93	96274	41.92	ng	97
29) 2,4-Dichlorophenol	10.96	162	70944	54.08	ng	96
30) 1,2,4-Trichlorobenzene	11.18	180	71303	47.55	ng	99
31) Naphthalene	11.37	128	222543	43.87	ng	99
32) Benzoic acid	10.59	122	45838	43.30	ng	90
34) Hexachlorobutadiene	11.64	225	45579	50.29	ng	98
35) Caprolactam	12.25	113	22343m	36.55	ng	
36) 4-Chloro-3-methylphenol	12.55	107	100532	49.97	ng	97
37) 2-Methylnaphthalene	12.94	142	172554	46.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	93650	49.63	ng	98
40) Hexachlorocyclopentadiene	13.28	237	120488	119.12	ng	98
42) 2,4,6-Trichlorophenol	13.53	196	65723	53.90	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.61	196	72505	50.60	nq	99
45) 1,1'-Biphenyl	13.92	154	234194	46.68	nq	97
46) 2-Chloronaphthalene	13.98	162	174140	46.66	nq	93
47) 2-Nitroaniline	14.17	65	72545	43.30	nq	96
48) Acenaphthylene	14.82	152	283926	43.42	nq	97
49) Dimethylphthalate	14.53	163	252037	47.84	nq	97 mohammad
50) 2,6-Dinitrotoluene	14.65	165	56564	49.48	nq	92
51) Acenaphthene	15.16	154	193771	42.53	nq	99
52) 3-Nitroaniline	14.99	138	10085	8.36	nq	97
53) 2,4-Dinitrophenol	15.19	184	69929	108.22	nq	# 81
54) Dibenzofuran	15.49	168	291257	49.08	nq	97 6/28/2017 1:15:24 PM
55) 4-Nitrophenol	15.28	139	83098	82.25	nq	# 83
56) 2,4-Dinitrotoluene	15.44	165	83002	51.20	nq	# 97
57) Fluorene	16.13	166	252743	44.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	73465m	58.22	nq	
59) Diethylphthalate	15.88	149	271046	47.15	nq	97
60) 4-Chlorophenyl-phenylether	16.11	204	131448	47.53	nq	93
61) 4-Nitroaniline	16.15	138	48181	36.39	nq	92
62) Azobenzene	16.41	77	269086	45.65	nq	97
64) 4,6-Dinitro-2-methylphenol	16.20	198	48323	48.49	nq	81
65) n-Nitrosodiphenylamine	16.33	169	216158	44.93	nq	98
66) 4-Bromophenyl-phenylether	17.01	248	87802	50.87	nq	92
67) Hexachlorobenzene	17.14	284	92638	50.23	nq	95
68) Atrazine	17.26	200	42708	24.23	nq	98
69) Pentachlorophenol	17.48	266	121739	106.26	nq	97
70) Phenanthrene	17.88	178	417055	46.72	nq	94
71) Anthracene	17.98	178	426485	47.45	nq	95
72) Carbazole	18.24	167	349634	39.93	nq	97
73) Di-n-butylphthalate	18.76	149	475171	48.43	nq	95
74) Fluoranthene	19.87	202	508625	48.90	nq	94
77) Pyrene	20.23	202	525061	46.07	nq	94
79) Butylbenzylphthalate	21.11	149	222384	46.75	nq	97
80) Benzo(a)anthracene	22.18	228	527757	46.92	nq	93
81) 3,3'-Dichlorobenzidine	22.08	252	18262	4.49	nq	# 92
82) Chrysene	22.26	228	487495	45.74	nq	95
83) Bis(2-ethylhexyl)phthalate	22.04	149	316556	45.40	nq	97
84) Di-n-octyl phthalate	23.39	149	540502	46.61	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.04	276	585028	48.17	nq	98
87) Benzo(b)fluoranthene	24.68	252	518813	47.62	nq	# 96
88) Benzo(k)fluoranthene	24.76	252	520934	48.88	nq	# 94
89) Benzo(a)pyrene	25.67	252	498709	48.51	nq	# 96
90) Dibenzo(a,h)anthracene	30.11	278	508653	48.57	nq	97
91) Benzo(g,h,i)perylene	31.36	276	470419	46.25	nq	# 93

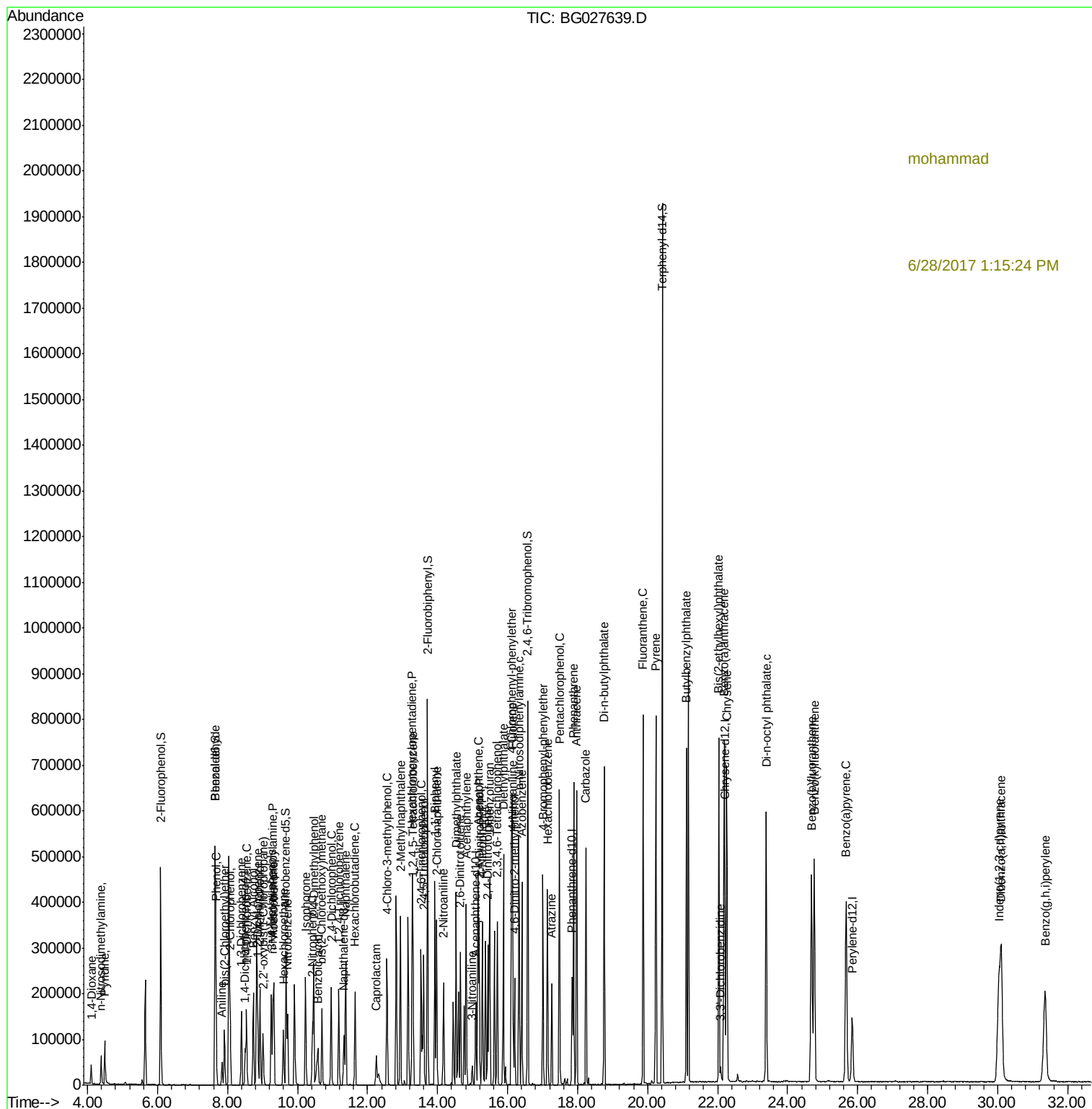
(#) = qualifier out of range (m) = manual integration (+) = signals summed

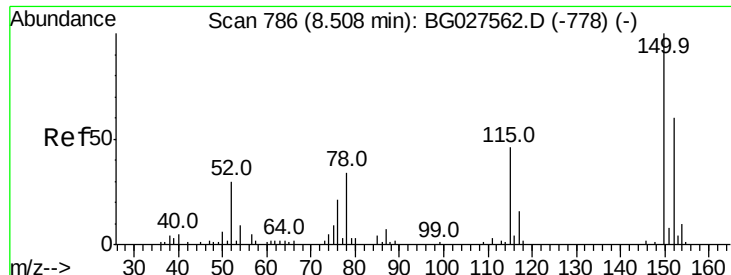
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-AMS

Tot Ion:152 Resp: 21170

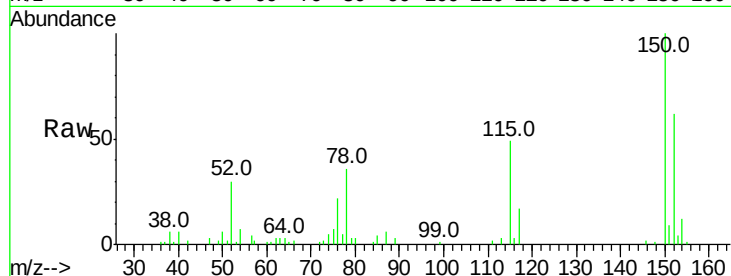
Ion Ratio Lower Upper

152 100

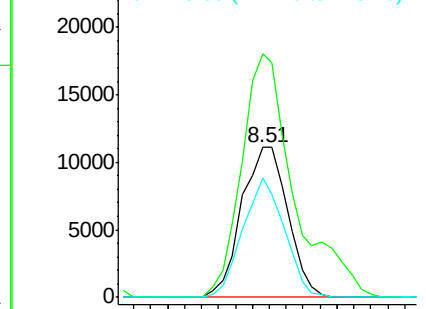
150 162.2 114.0 171.0

115 79.4 48.1 72.1#

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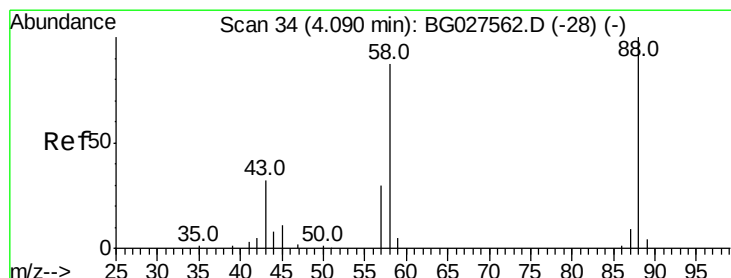
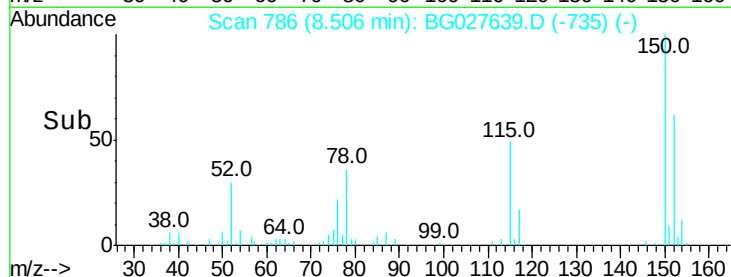


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 33.76 ng

RT: 4.11 min Scan# 37

Delta R.T. 0.02 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

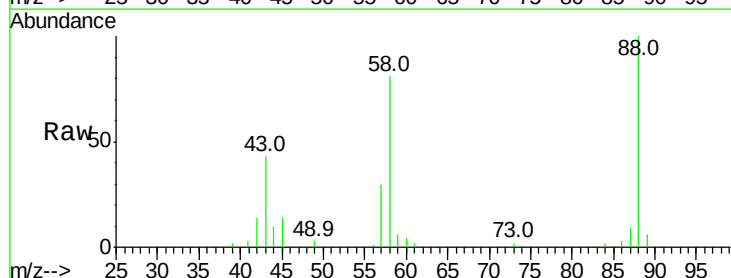
Tgt Ion: 88 Resp: 19494

Ion Ratio Lower Upper

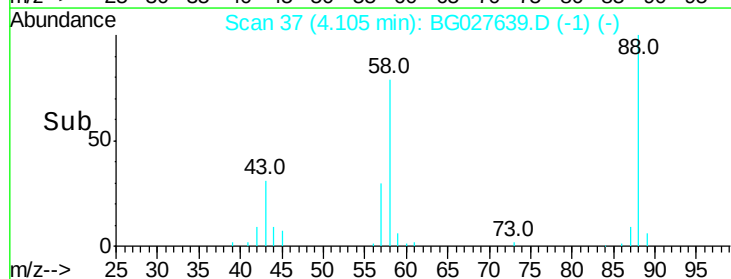
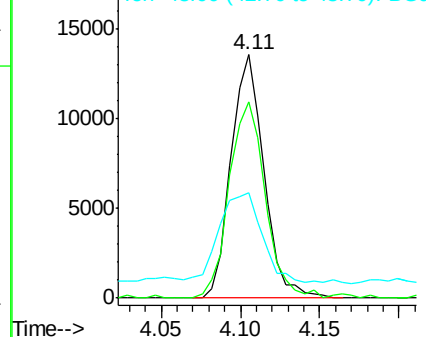
88 100

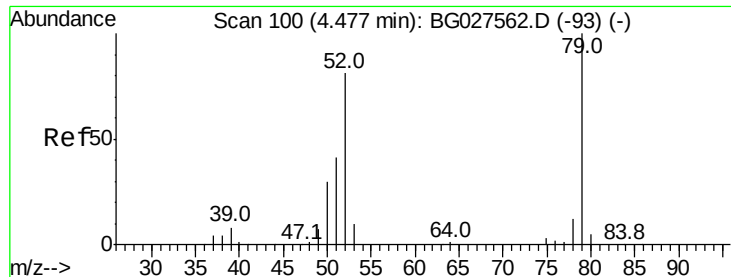
58 88.4 79.4 119.2

43 48.2 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: 29.95 ng

RT: 4.49 min Scan# 103

Delta R.T. 0.02 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

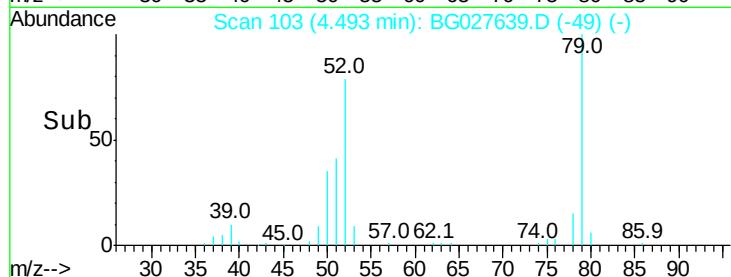
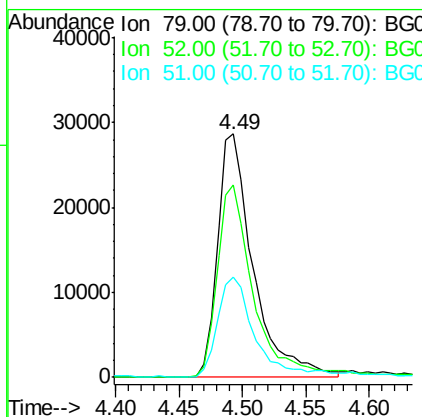
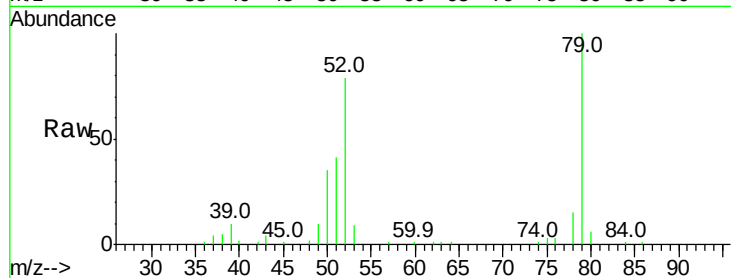
BNA_G

ClientSampleId :

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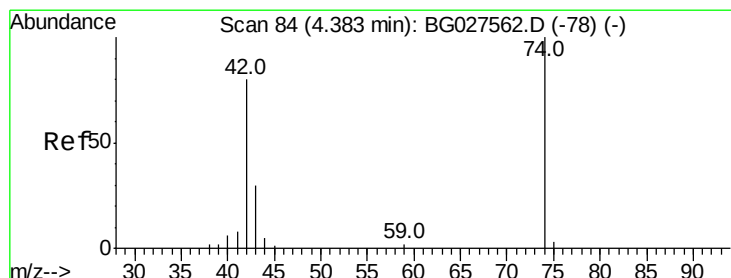
Tot Ion:	79	Resp:	55993
Ion	Ratio	Lower	Upper
79	100		
52	79.1	77.8	116.6
51	41.1	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 42.88 ng

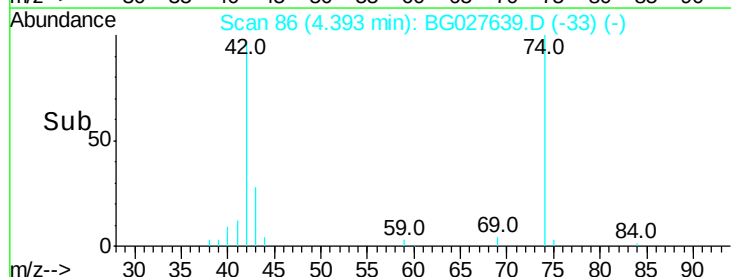
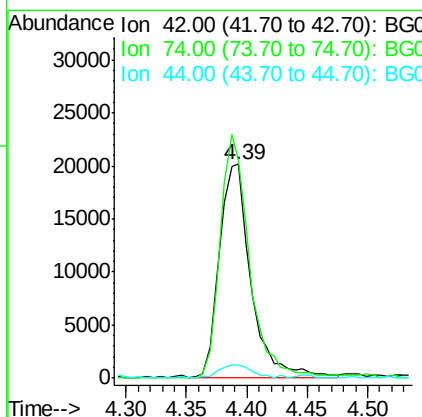
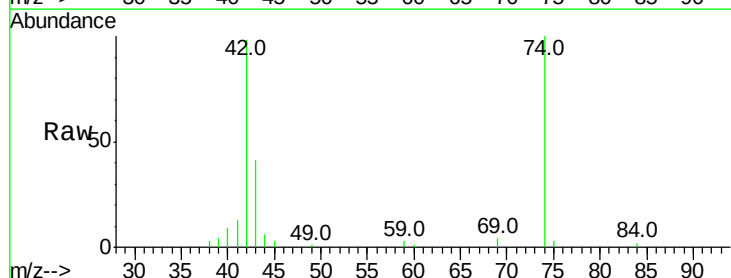
RT: 4.39 min Scan# 86

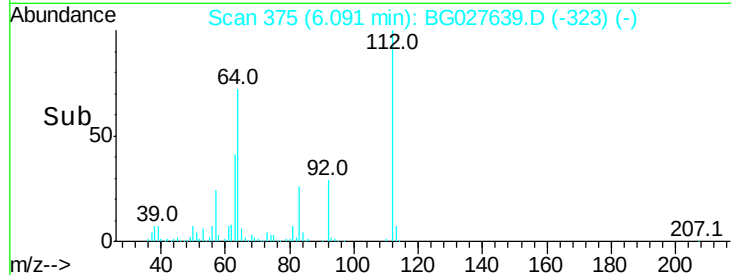
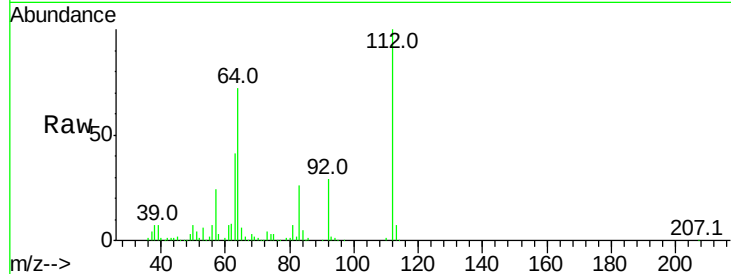
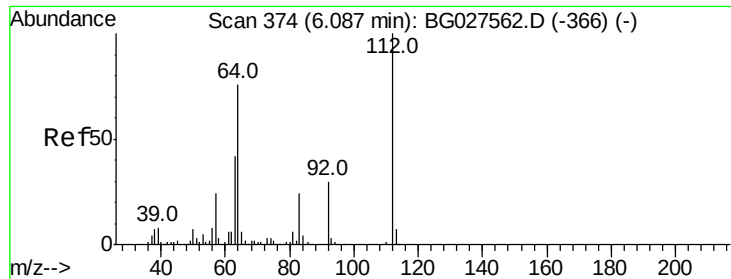
Delta R.T. 0.01 min

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Tgt Ion:	42	Resp:	36590
Ion	Ratio	Lower	Upper
42	100		
74	101.7	76.7	115.1
44	6.0	6.1	9.1#



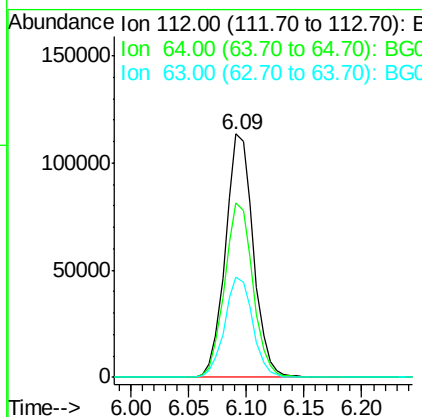


#5
2-Fluorophenol
Concen: 127.34 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tot Ion	Ratio	Resp	Lower	Upper
112	100	189418		
64	71.5	61.8	92.6	
63	40.9	37.2	55.8	

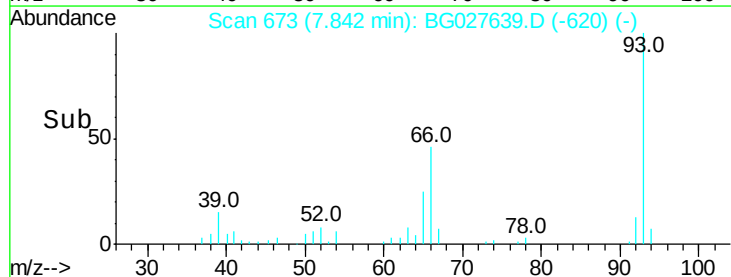
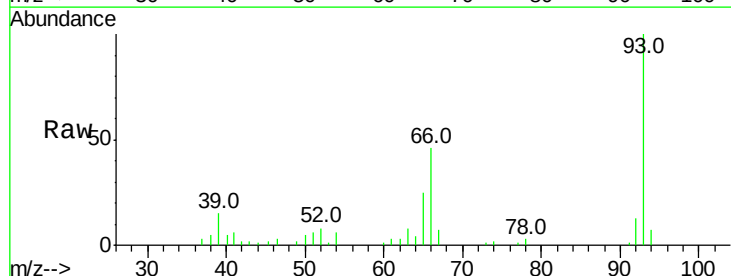
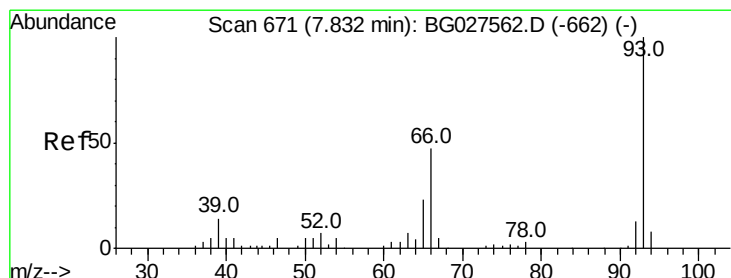
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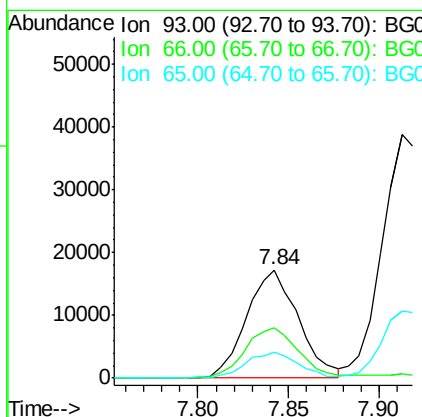
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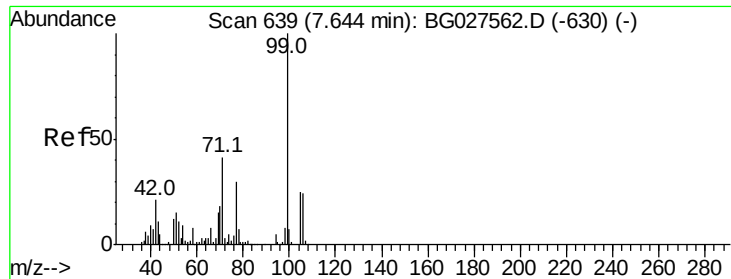
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#6
Aniline
Concen: 12.73 ng
RT: 7.84 min Scan# 673
Delta R.T. 0.01 min
Lab File: BG027639.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	34222		
66	46.1	35.4	53.2	
65	24.6	21.2	31.8	





#7

Phenol-d6

Concen: 110.14 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

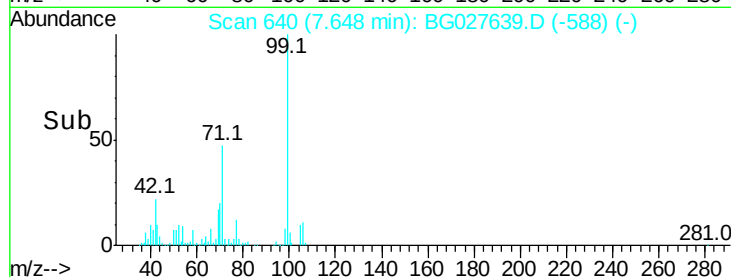
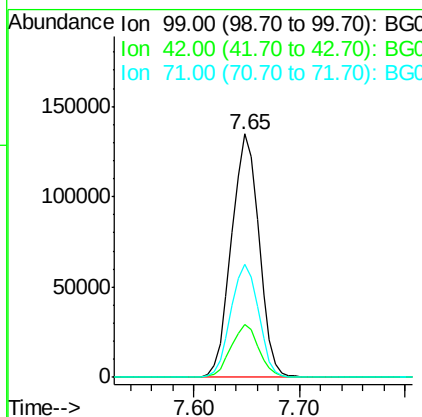
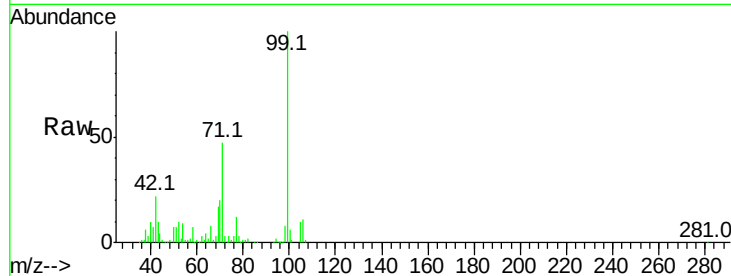
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ClientSampleId :

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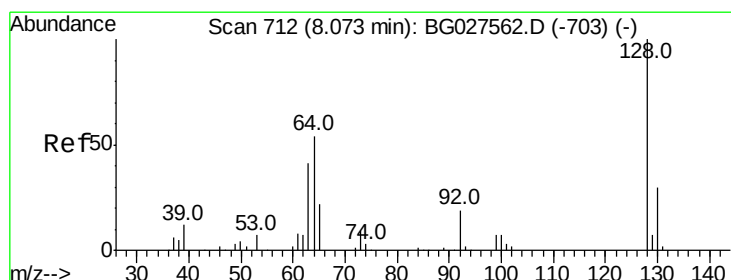
Tot Ion:	99	Resp:	242541
Ion Ratio	Lower	Upper	
99	100		
42	21.7	20.5	30.7
71	46.6	37.6	56.4

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#8

2-Chlorophenol

Concen: 45.11 ng

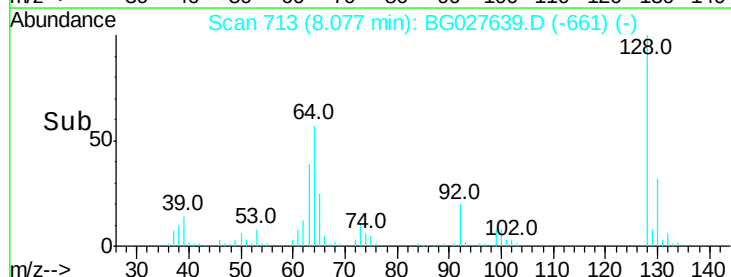
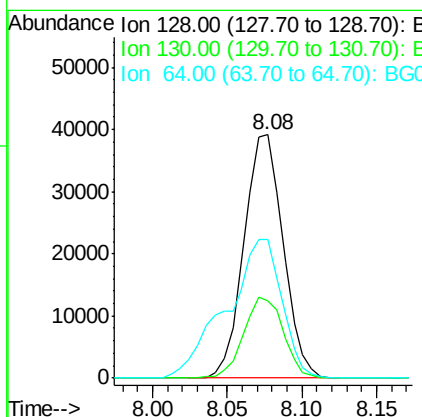
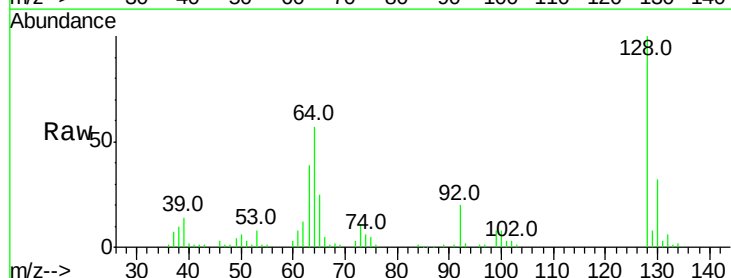
RT: 8.08 min Scan# 713

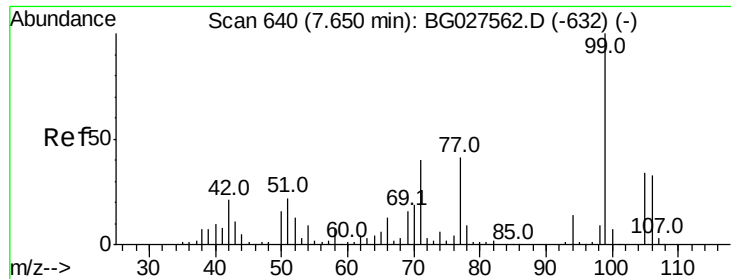
Delta R.T. 0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tgt Ion:	128	Resp:	71004
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.4	51.4
64	57.2	46.6	86.6





#9

Benzaldehyde

Concen: 21.74 ng

RT: 7.65 min Scan# 641

Delta R.T. 0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

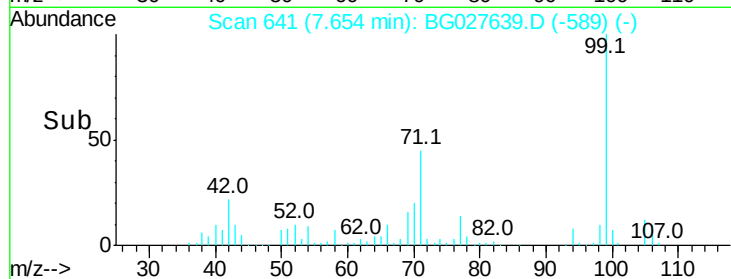
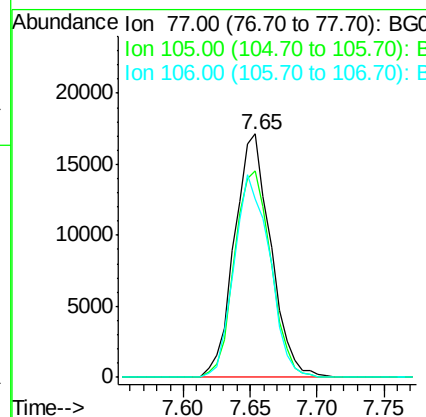
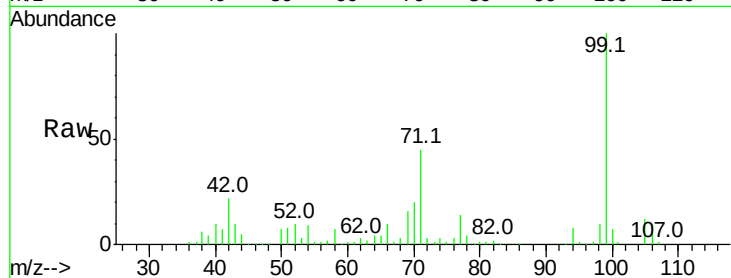
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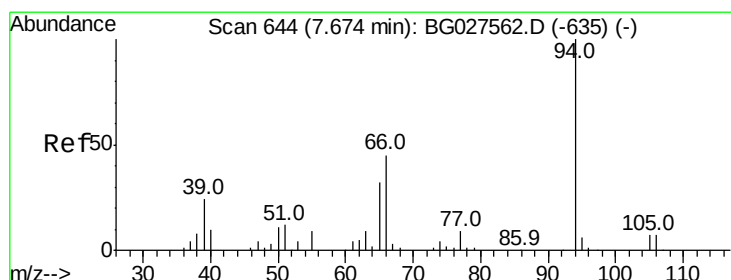
Tot Ion:	77	Resp:	32536
Ion	Ratio	Lower	Upper
77	100		
105	84.7	60.9	100.9
106	73.1	55.1	95.1

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#10

Phenol

Concen: 37.60 ng

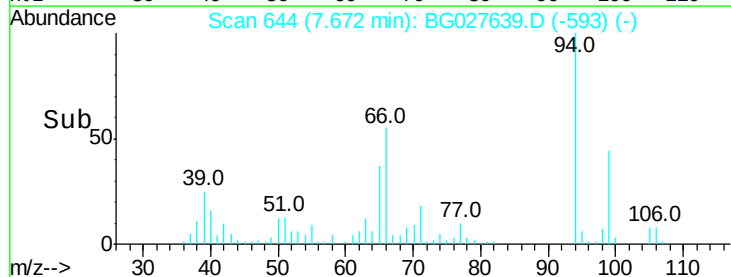
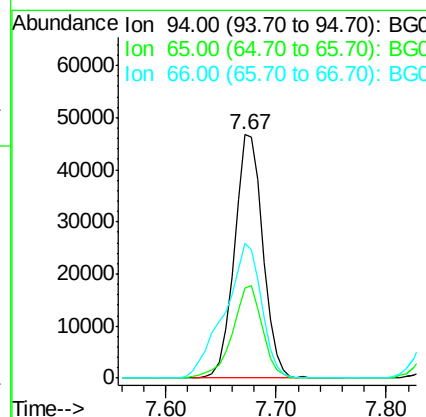
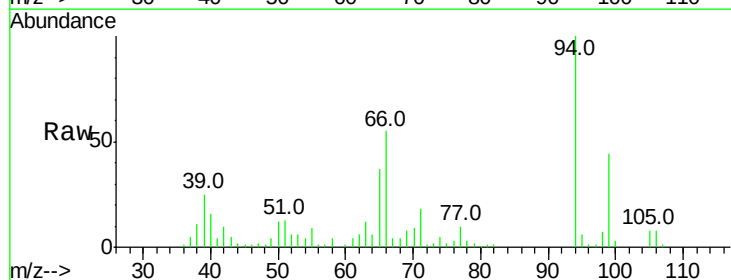
RT: 7.67 min Scan# 644

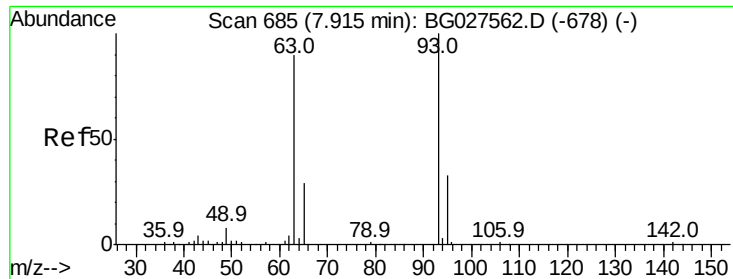
Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tgt Ion:	94	Resp:	84345
Ion	Ratio	Lower	Upper
94	100		
65	37.1	20.6	60.6
66	55.5	35.5	75.5



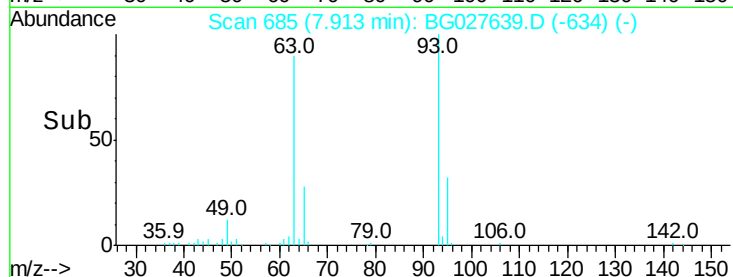
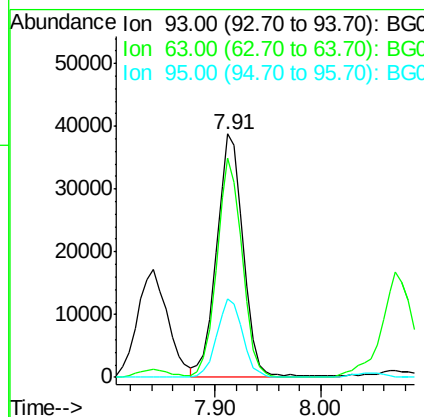
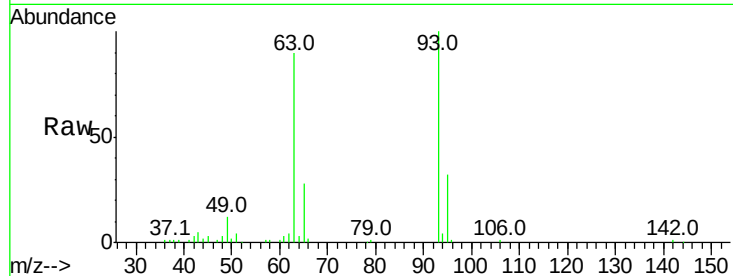


#11
bis(2-Chloroethyl)ether
Concen: 39.03 ng
RT: 7.91 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

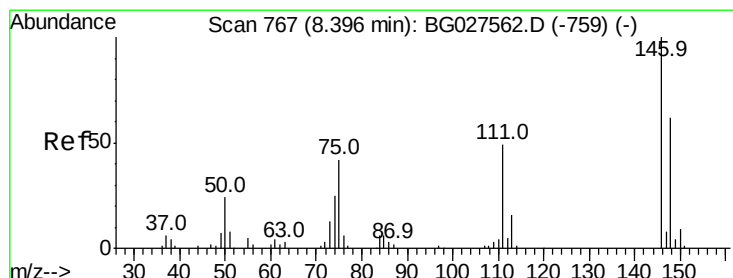
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	78.5	118.5
95	32.3	9.8	49.8

Manual Integrations
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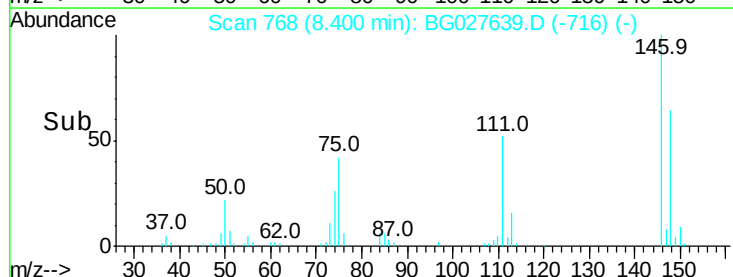
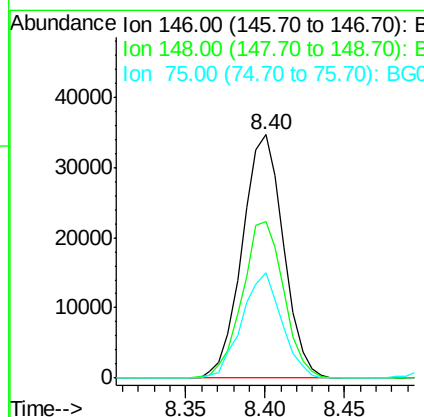
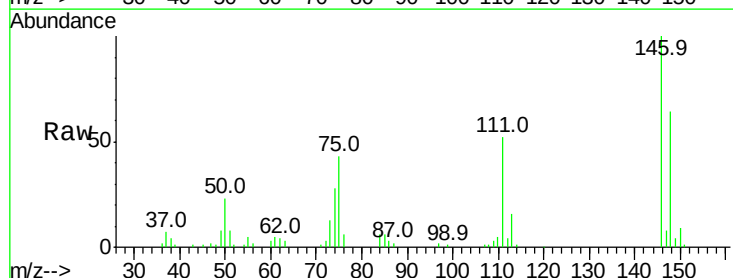
mohammad

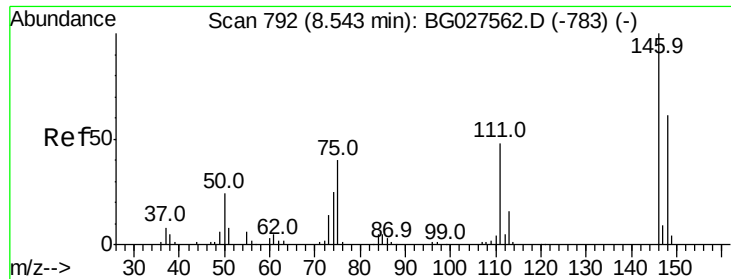
6/28/2017 1:15:24 PM



#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 8.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.2	73.8
75	43.4	33.4	50.2



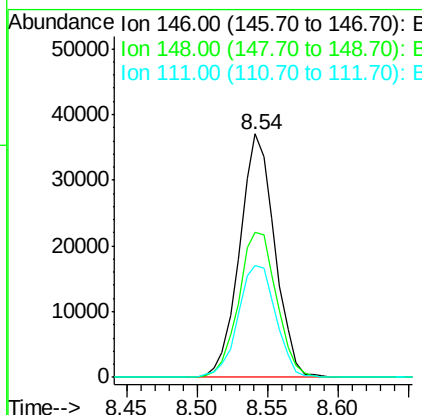
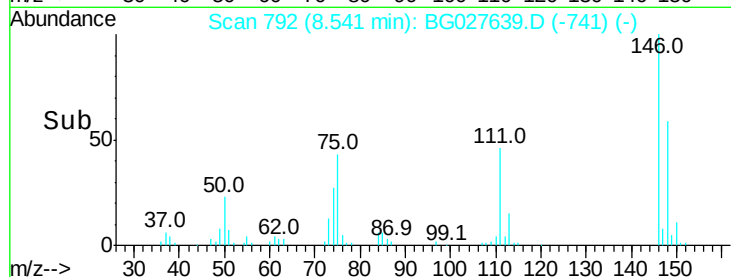
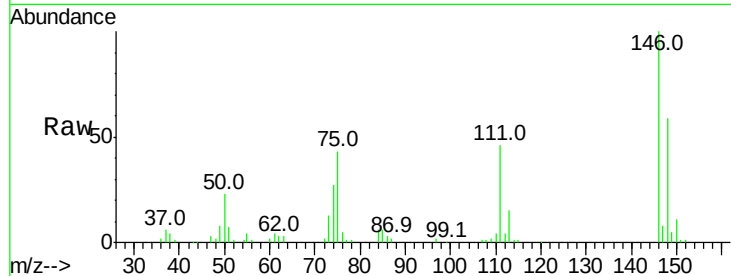


#13
 1,4-Dichlorobenzene
 Concen: 38.42 ng
 RT: 8.54 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

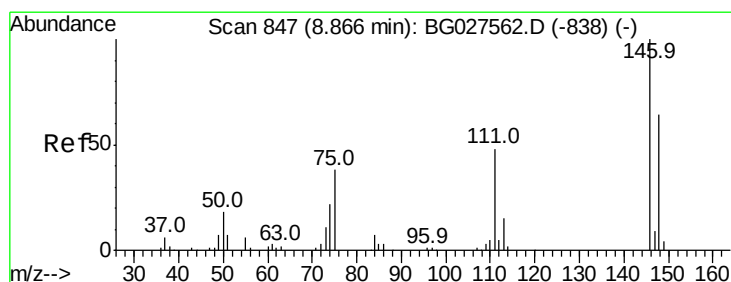
Tot Ion	Ratio	Lower	Upper
146	100		
148	59.5	52.2	78.2
111	45.8	37.0	55.6

Manual Integrations
 APPROVED



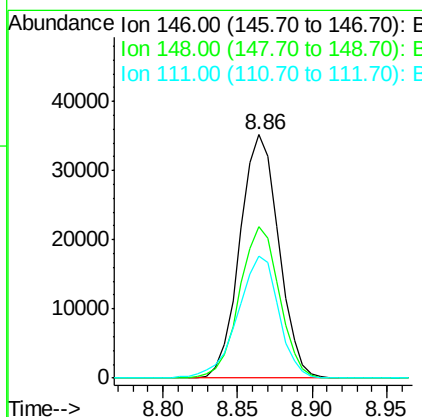
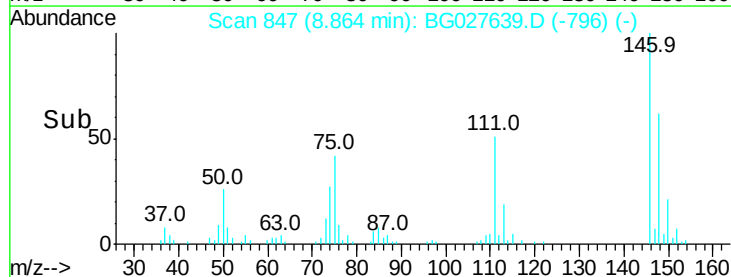
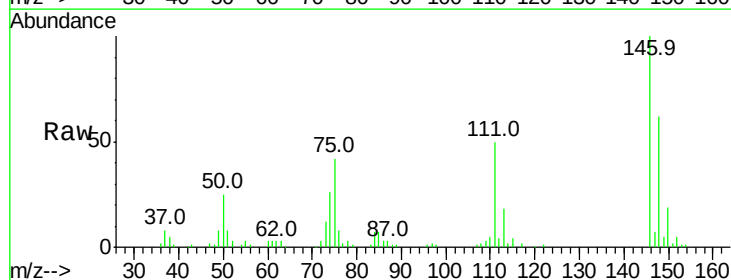
mohammad

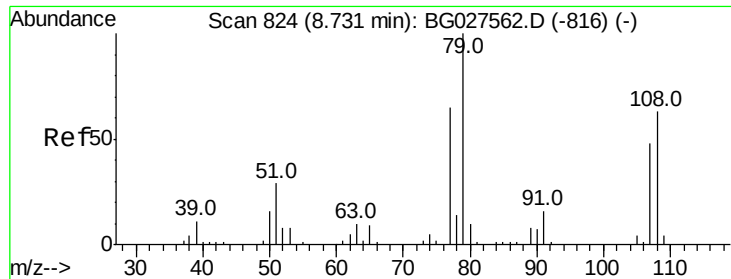
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#14
 1,2-Dichlorobenzene
 Concen: 38.34 ng
 RT: 8.86 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	54.6	81.8
111	50.1	39.7	59.5



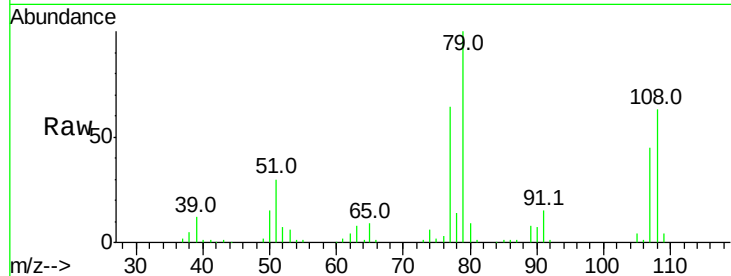


#15
Benzyl Alcohol
Concen: 44.95 ng
RT: 8.74 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

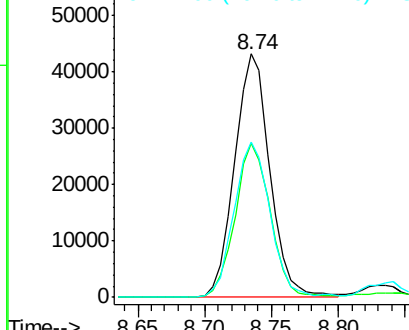
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	45.5	68.3
77	63.8	54.3	81.5

Manual Integrations
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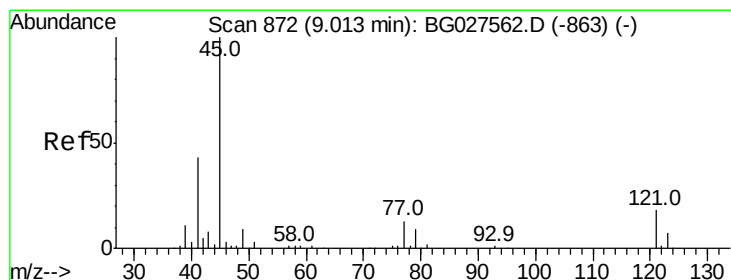
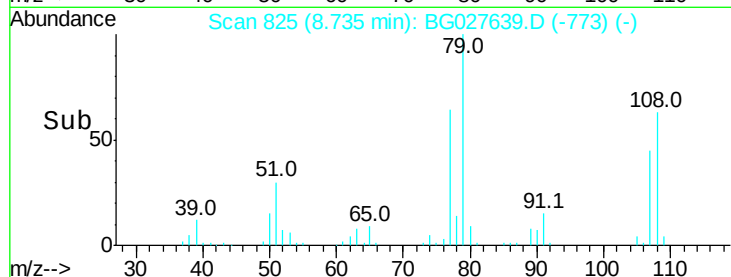


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



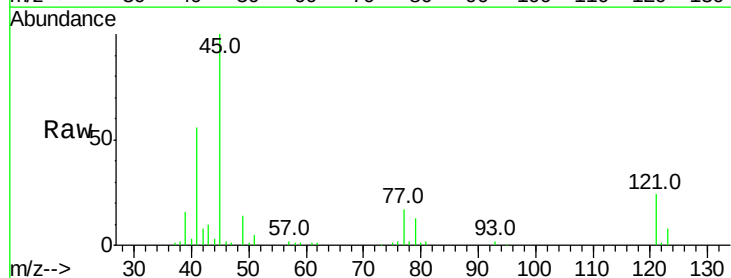
mohammad

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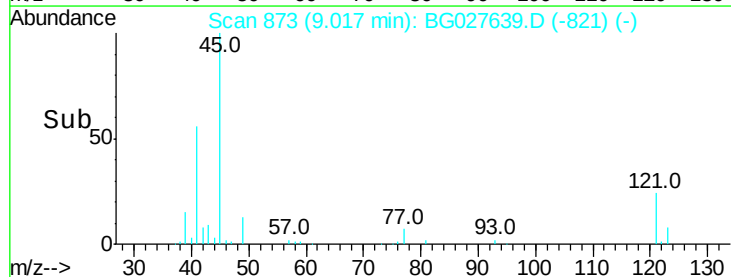
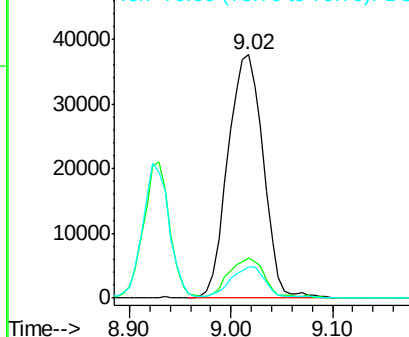


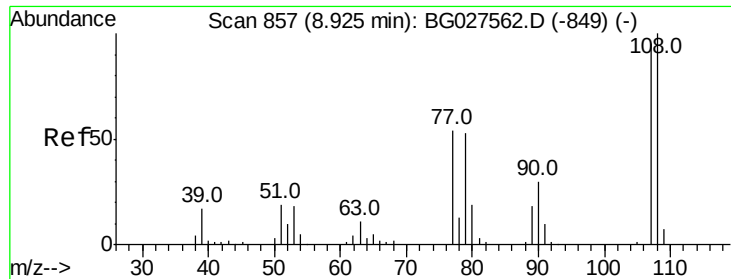
#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.17 ng
RT: 9.02 min Scan# 873
Delta R.T. 0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	30.6
79	12.7	0.0	28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



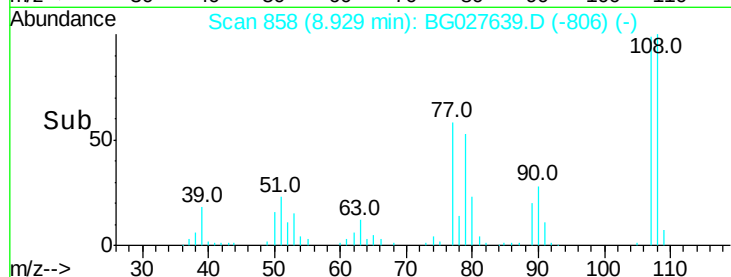
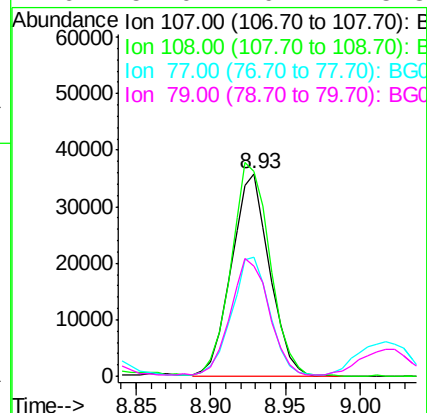
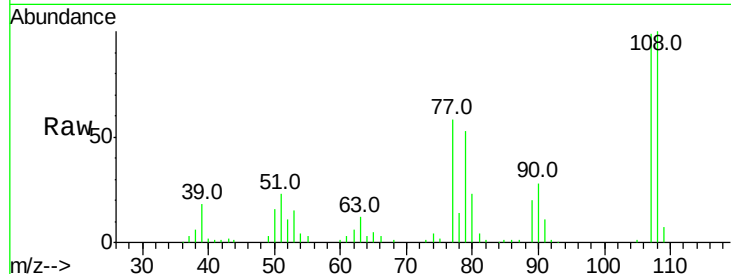


#17
2-Methylphenol
Concen: 40.31 ng
RT: 8.93 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

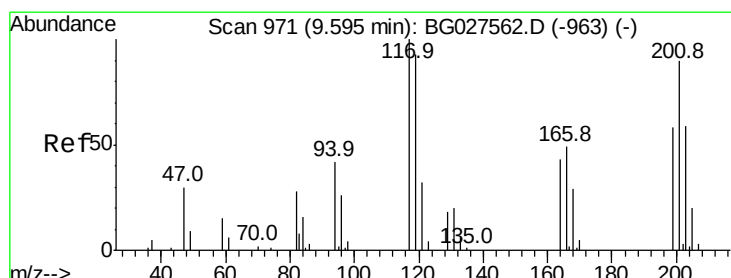
Tot Ion	107	Resp	63629
Ion	Ratio	Lower	Upper
107	100		
108	101.2	85.6	128.4
77	58.6	51.4	77.2
79	54.0	49.2	73.8

Manual Integrations
APPROVED



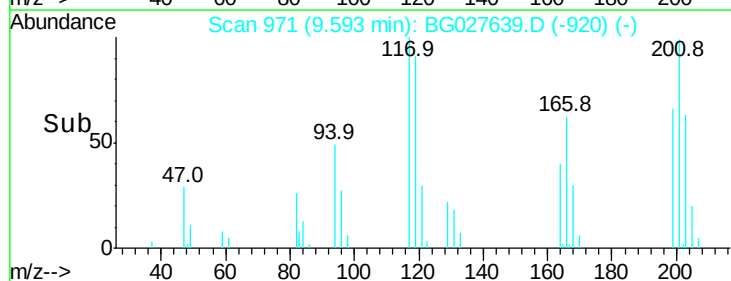
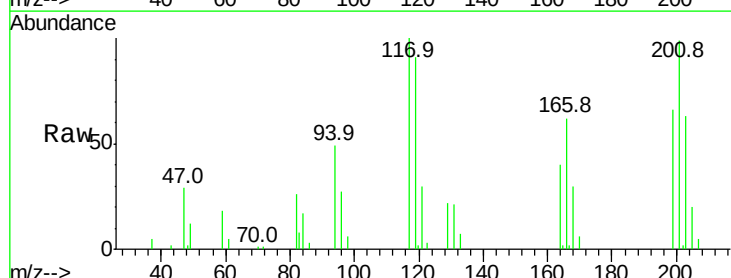
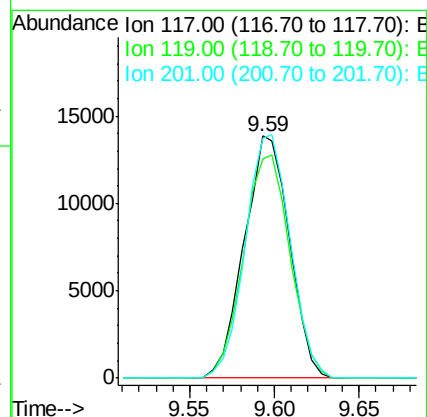
mohammad

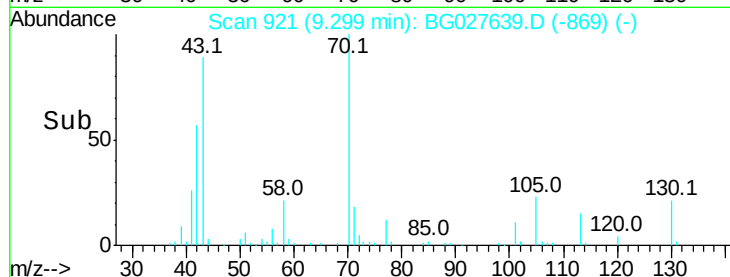
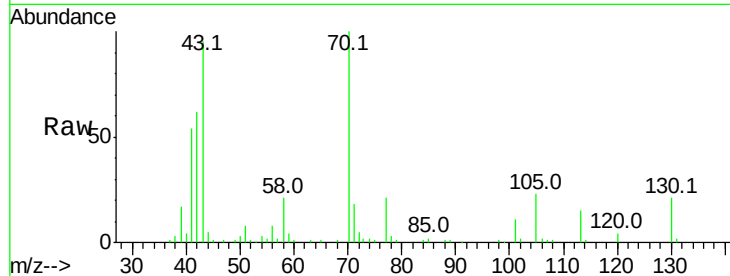
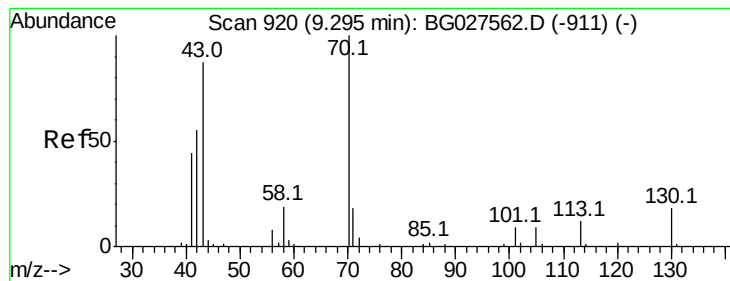
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#18
Hexachloroethane
Concen: 39.21 ng
RT: 9.59 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	117	Resp	25792
Ion	Ratio	Lower	Upper
117	100		
119	90.5	69.8	104.6
201	99.2	95.4	143.0





#19

n-Nitroso-di-n-propylamine

Concen: 35.91 ng

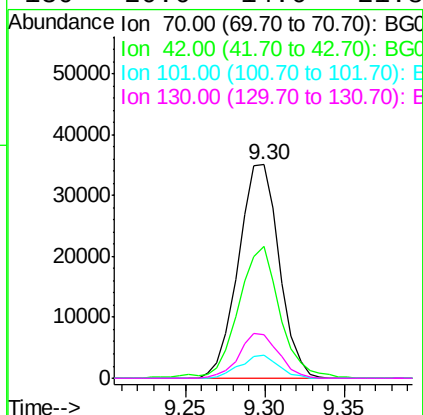
RT: 9.30 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tot Ion	70	Resp:	62803
Ion Ratio	Lower	Upper	
70	100		
42	62.0	56.1	84.1
101	11.0	7.5	11.3
130	20.6	14.6	21.8



Instrument :

BNA_G

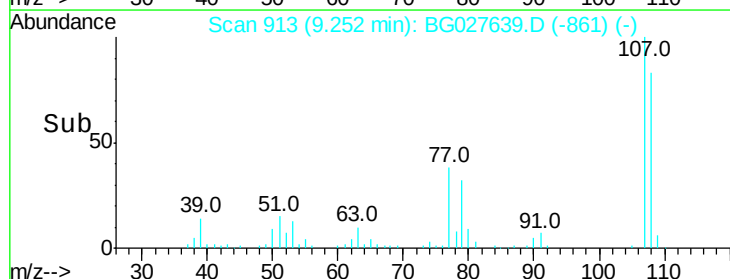
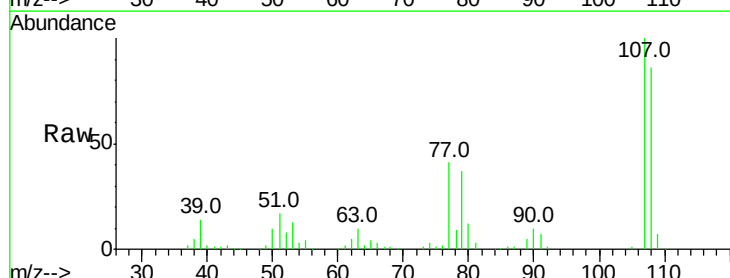
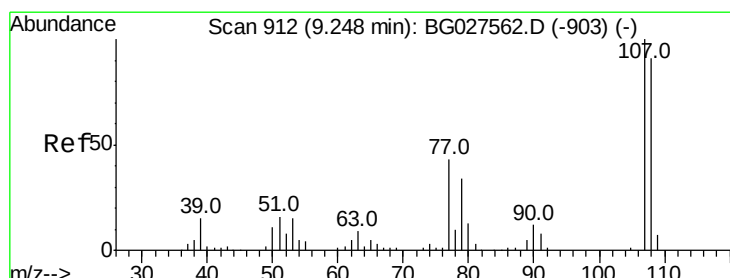
ClientSampleId :

CL-01-062217-AMS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 40.16 ng

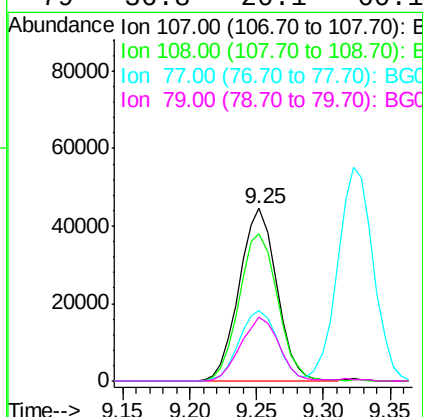
RT: 9.25 min Scan# 913

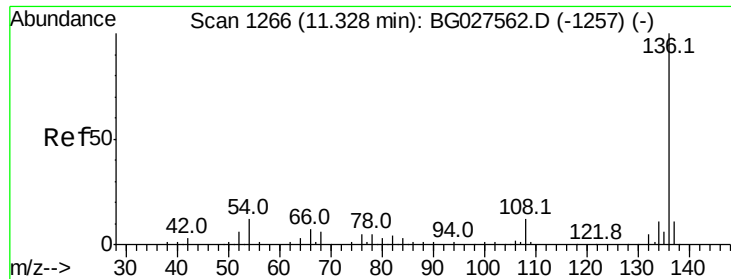
Delta R.T. 0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tgt Ion	107	Resp:	86801
Ion Ratio	Lower	Upper	
107	100		
108	85.7	70.8	110.8
77	41.1	25.8	65.8
79	36.8	20.1	60.1



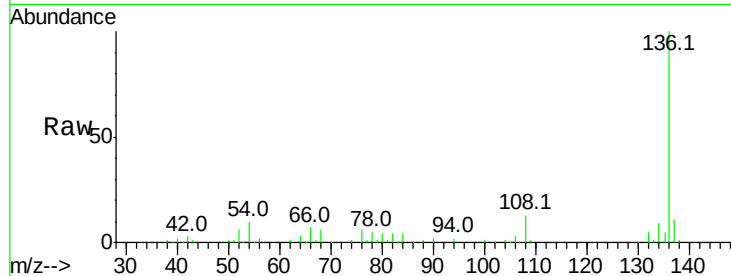


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

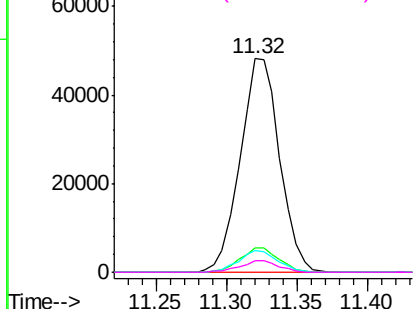
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.9	9.3	13.9
68	5.5	5.1	7.7

Manual Integrations
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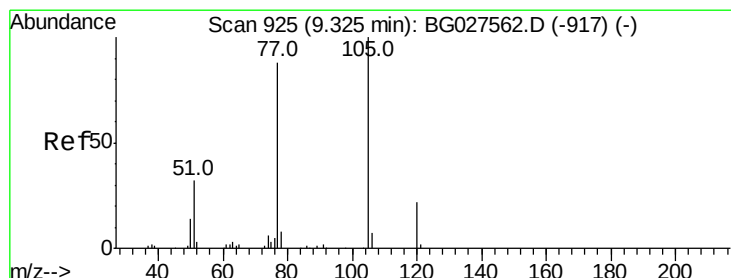
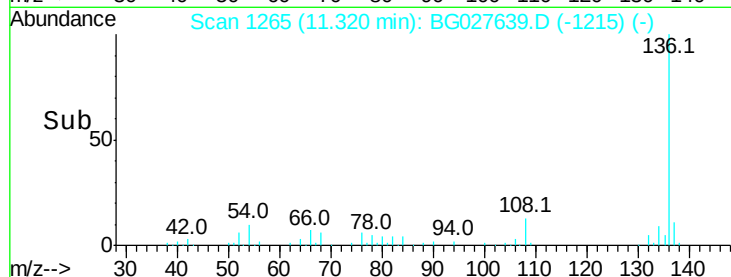


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



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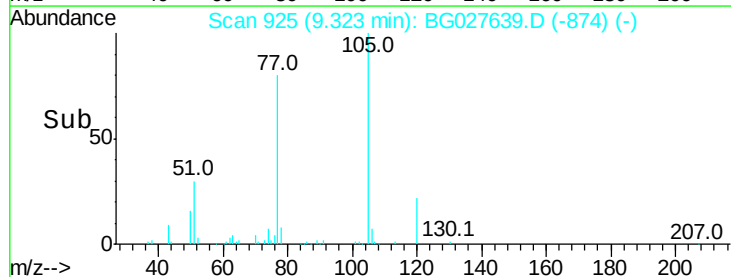
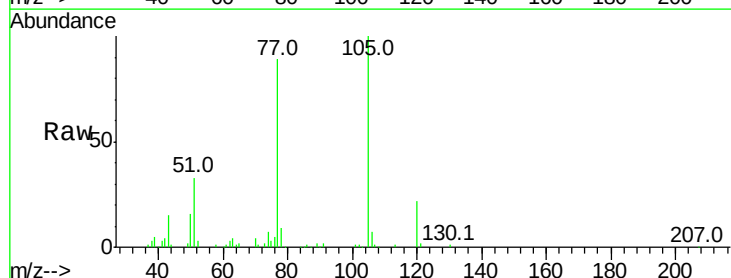
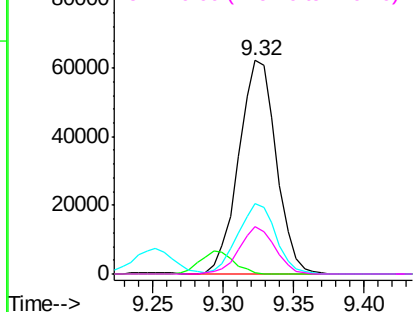
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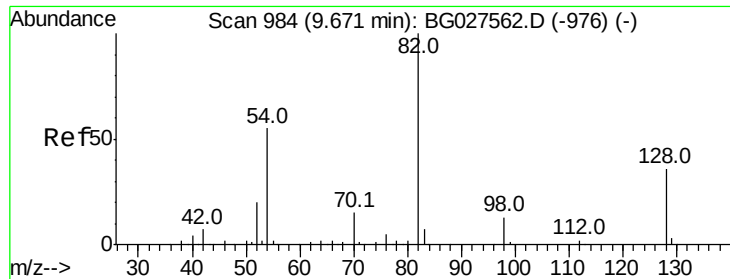


#22
Acetophenone
Concen: 44.86 ng
RT: 9.32 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.9	1.3#
51	32.9	34.0	51.0#
120	22.4	17.3	25.9

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





#23

Nitrobenzene-d5

Concen: 93.92 ng

RT: 9.67 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

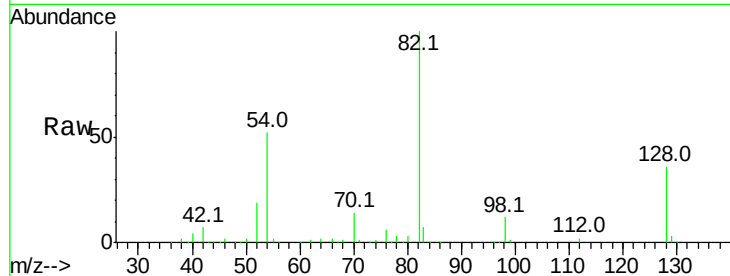
BNA_G

ClientSampleId :

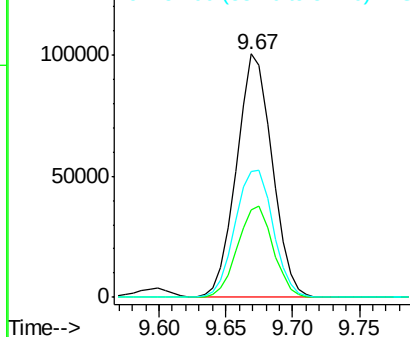
CL-01-062217-AMS

Tot Ion:	82	Resp:	186281
Ion Ratio	Lower	Upper	
82	100		
128	35.8	26.4	39.6
54	51.8	49.4	74.2

Manual Integrations
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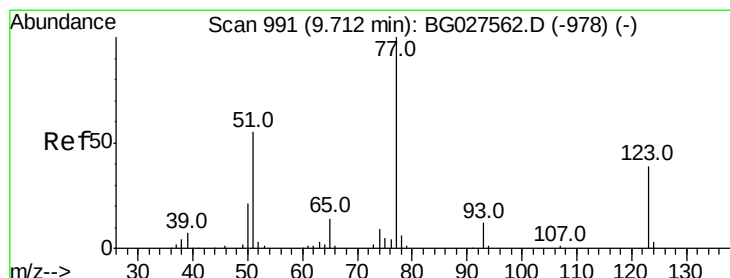
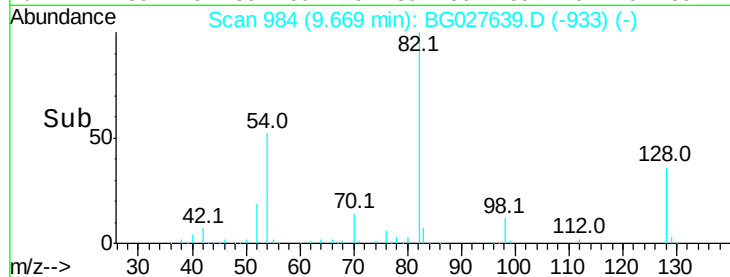


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



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#24

Nitrobenzene

Concen: 43.25 ng

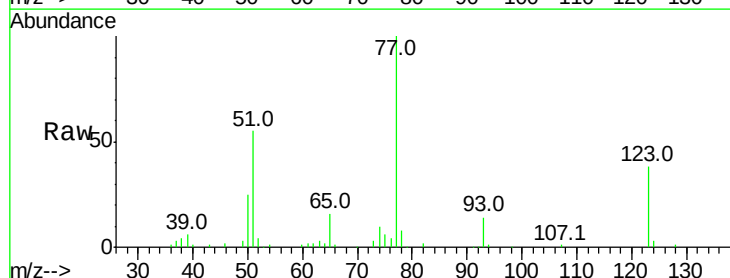
RT: 9.71 min Scan# 991

Delta R.T. -0.00 min

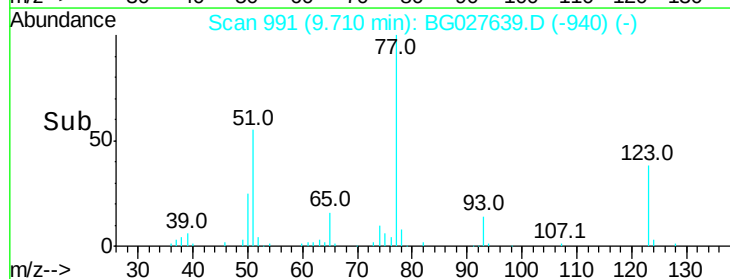
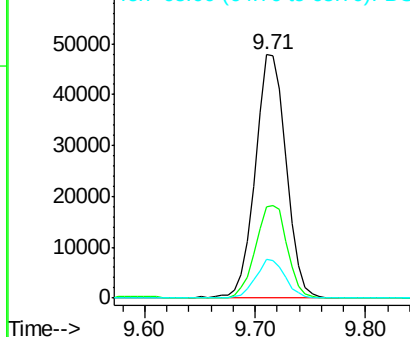
Lab File: BG027639.D

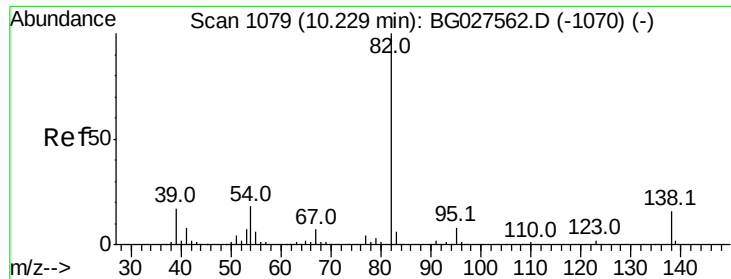
Acq: 23 Jun 2017 20:31

Tgt Ion:	77	Resp:	94021
Ion Ratio	Lower	Upper	
77	100		
123	37.6	26.1	39.1
65	15.9	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: 43.19 ng

RT: 10.23 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-AMS

Tot Ion: 82 Resp: 175988

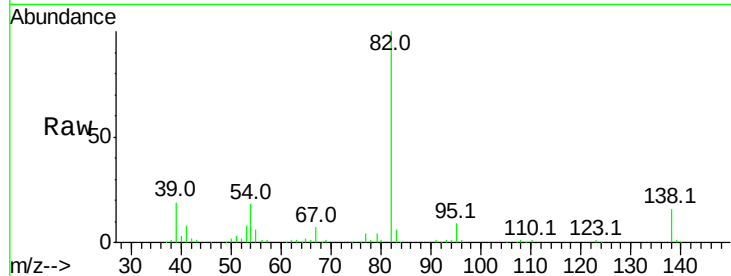
Ion Ratio Lower Upper

82 100

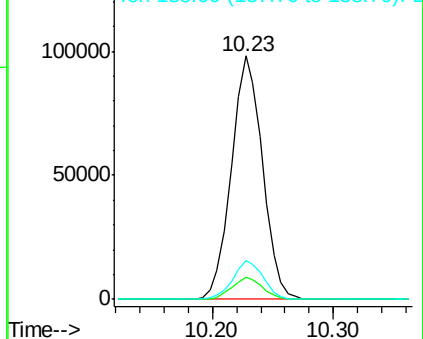
95 8.9 7.5 11.3

138 15.9 12.3 18.5

Manual Integrations
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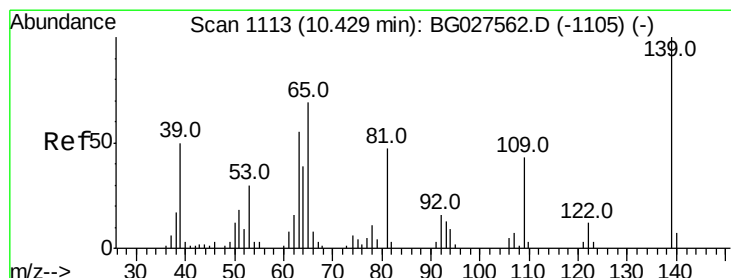
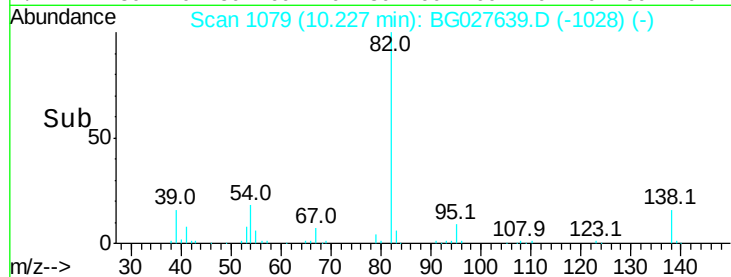


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



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#26

2-Nitrophenol

Concen: 48.07 ng

RT: 10.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

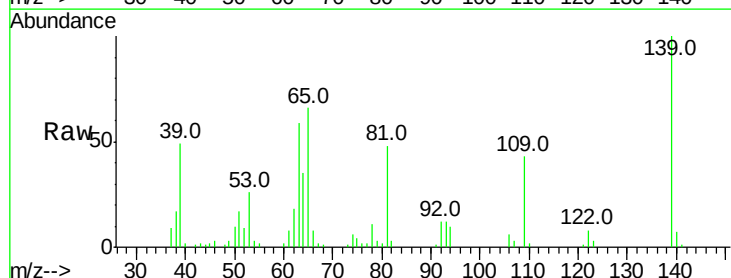
Tgt Ion: 139 Resp: 38652

Ion Ratio Lower Upper

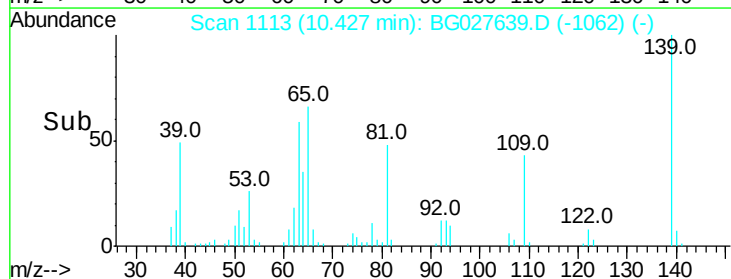
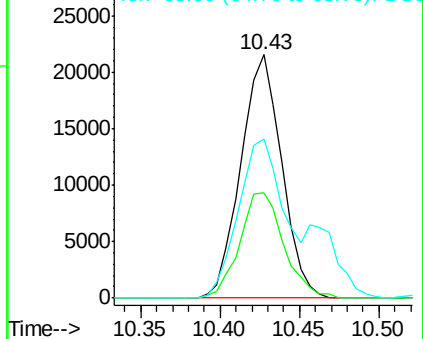
139 100

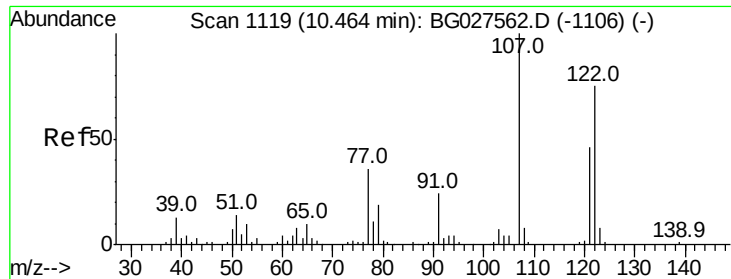
109 43.2 38.6 58.0

65 65.6 57.1 85.7



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



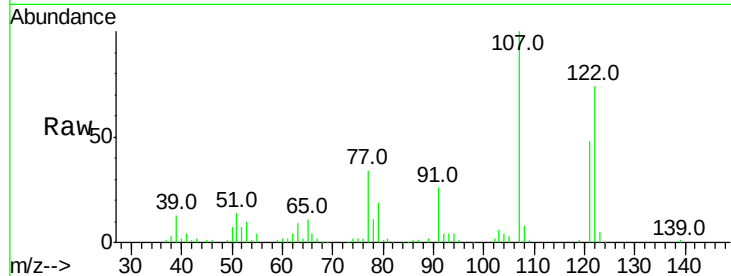


#27
2,4-Dimethylphenol
Concen: 49.77 ng
RT: 10.46 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

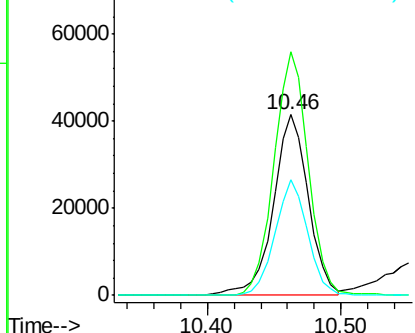
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.0	104.2	156.4
121	64.2	46.0	69.0

Manual Integrations
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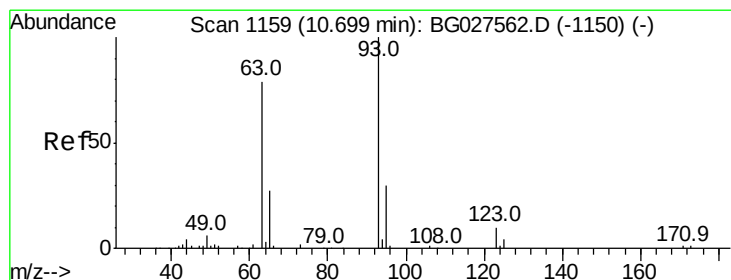
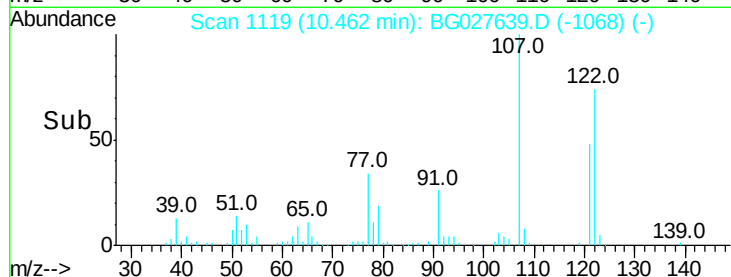


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



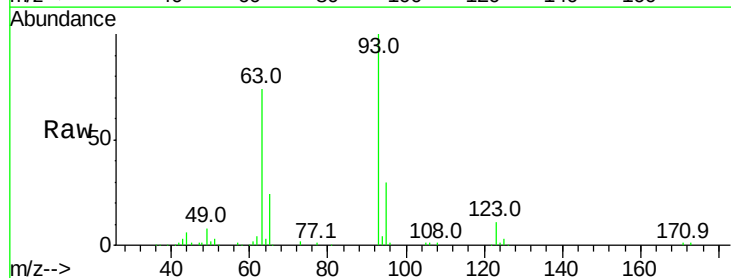
mohammad

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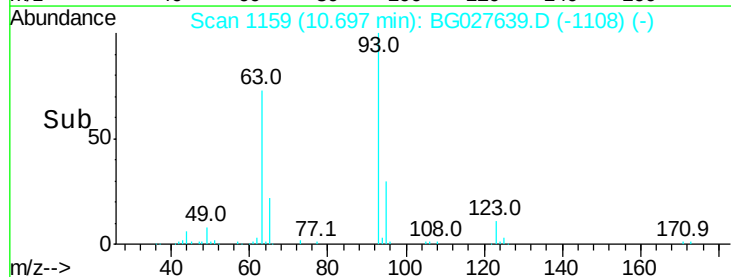
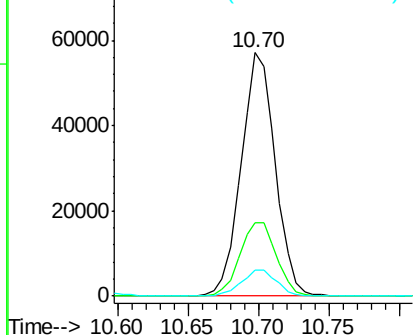


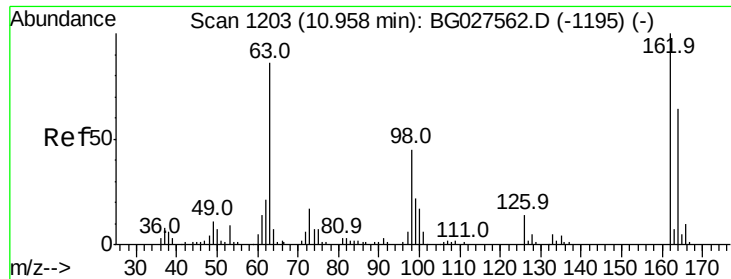
#28
bis(2-Chloroethoxy)methane
Concen: 41.92 ng
RT: 10.70 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.7	38.5
123	10.9	8.3	12.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E



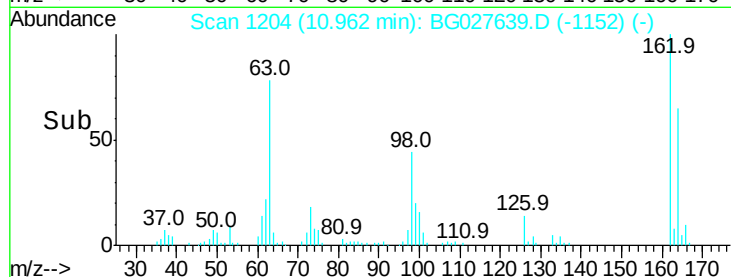
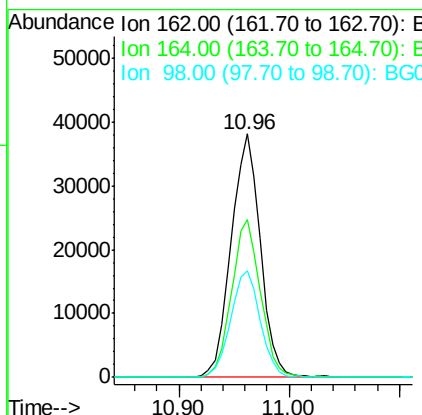
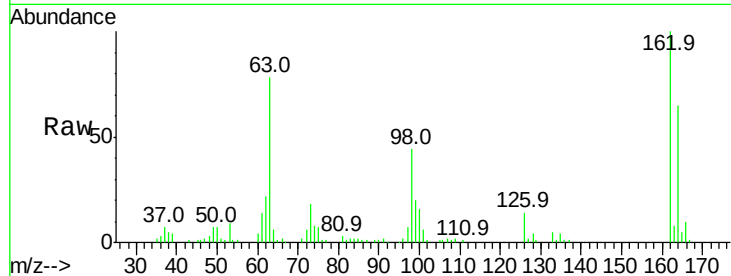


#29
 2,4-Dichlorophenol
 Concen: 54.08 ng
 RT: 10.96 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

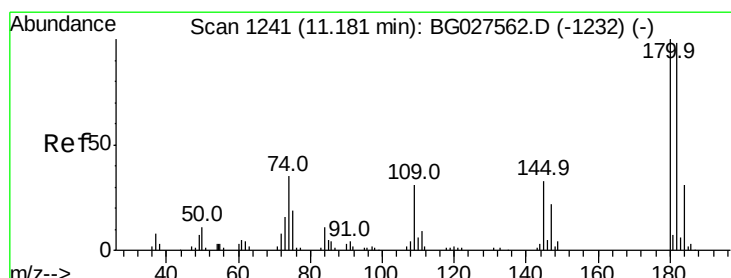
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.4	82.4
98	43.9	20.3	60.3

Manual Integrations
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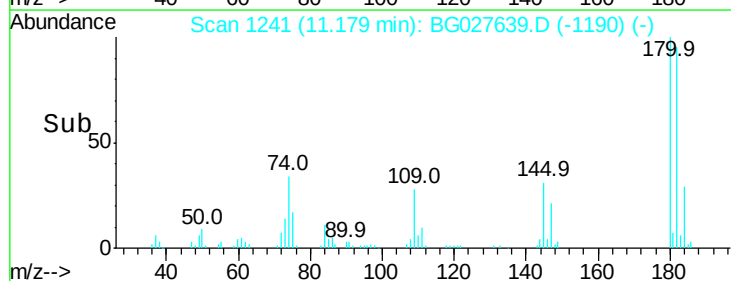
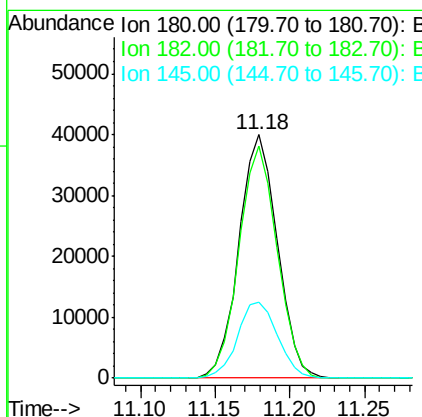
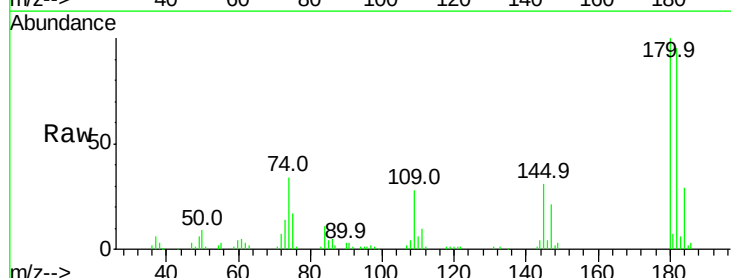
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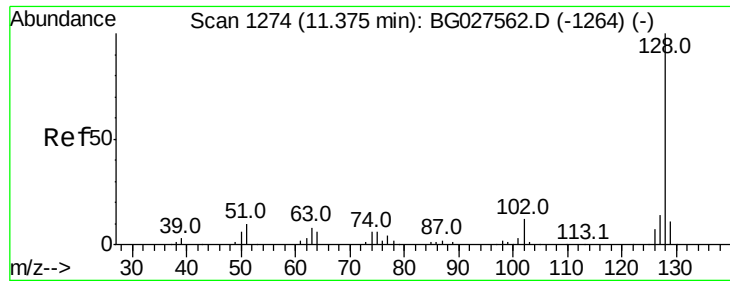
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.55 ng
 RT: 11.18 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.4
145	31.3	23.4	35.0



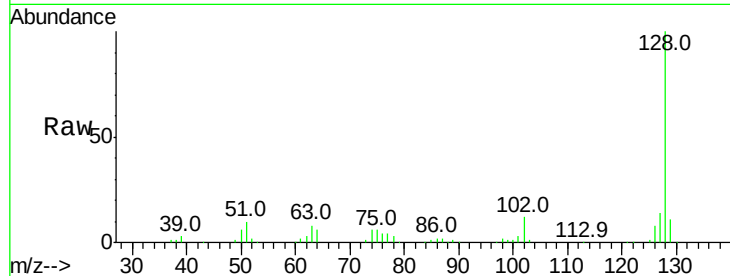


#31
Naphthalene
Concen: 43.87 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	14.1	11.4	17.0

Manual Integrations
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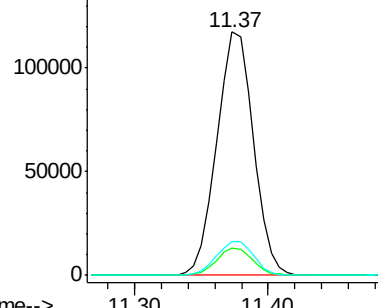


Abundance

Ion 128.00 (127.70 to 128.70): E

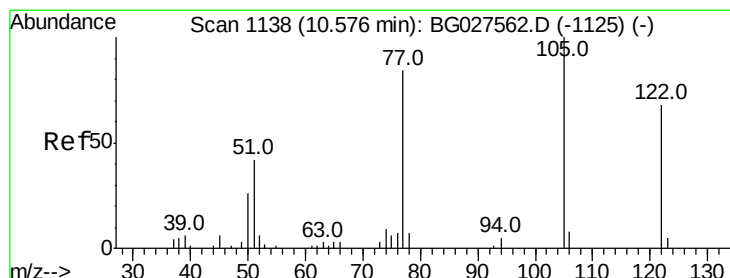
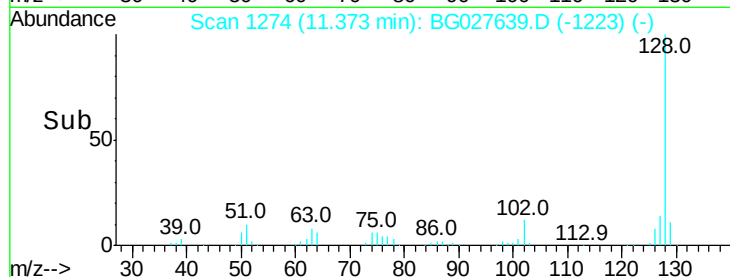
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



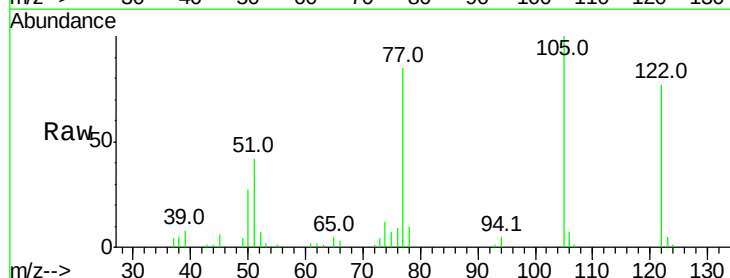
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#32
Benzoic acid
Concen: 43.30 ng
RT: 10.59 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.3	120.1	160.1
77	110.8	104.6	144.6

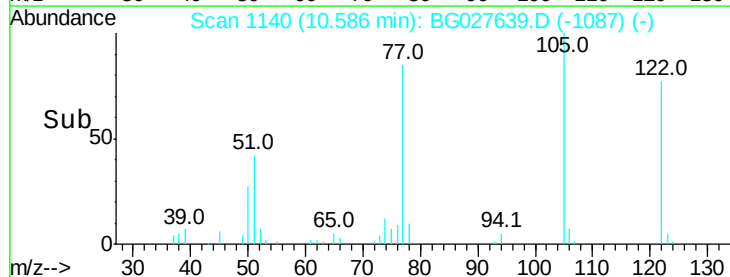
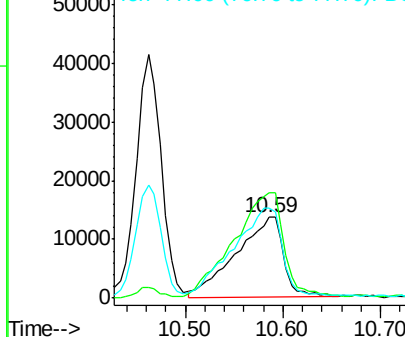


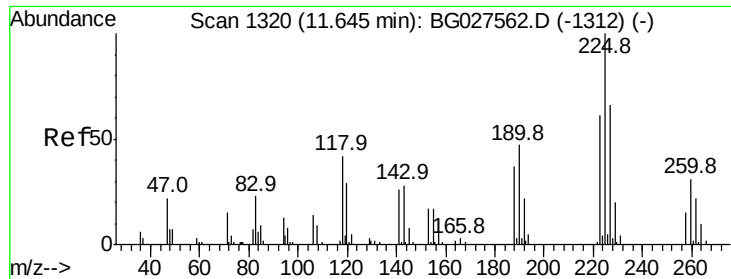
Abundance

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: 50.29 ng

RT: 11.64 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

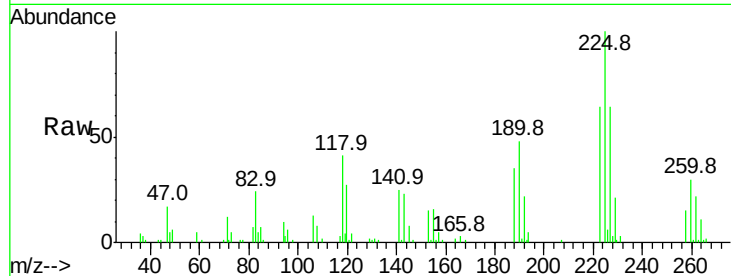
BNA_G

ClientSampleId :

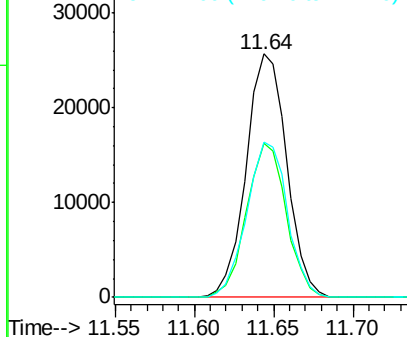
CL-01-062217-AMS

Tot Ion:	225	Resp:	45579
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.7	76.1
227	63.8	49.0	73.6

Manual Integrations
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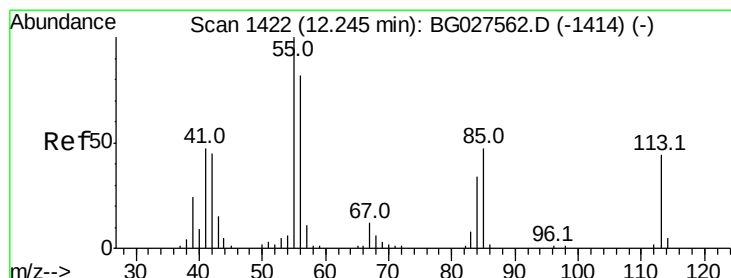
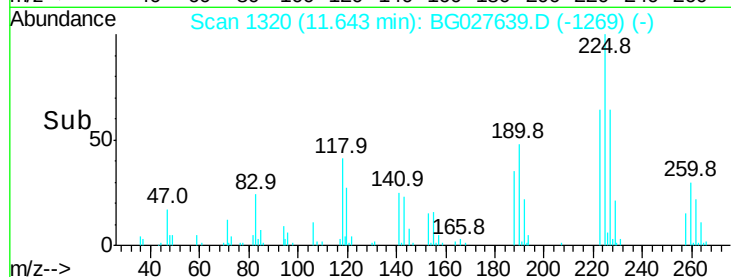


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 36.55 ng m

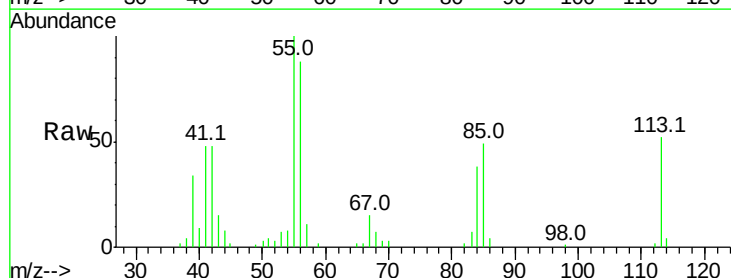
RT: 12.25 min Scan# 1423

Delta R.T. 0.00 min

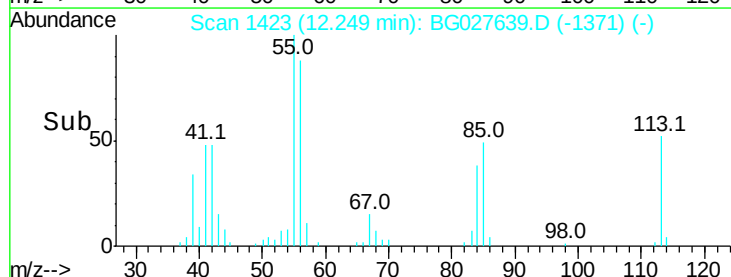
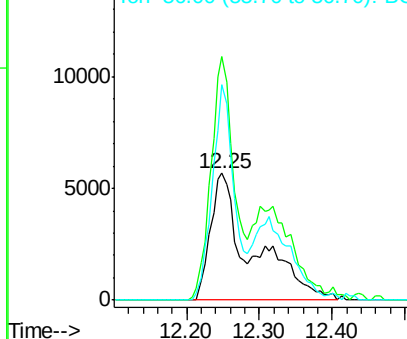
Lab File: BG027639.D

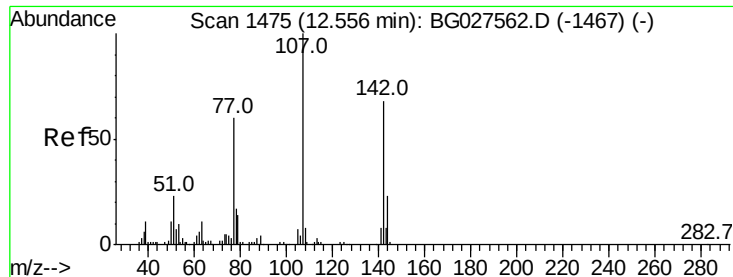
Acq: 23 Jun 2017 20:31

Tgt Ion:	113	Resp:	22343
Ion Ratio	Lower	Upper	
113	100		
55	192.4	198.6	238.6#
56	169.8	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



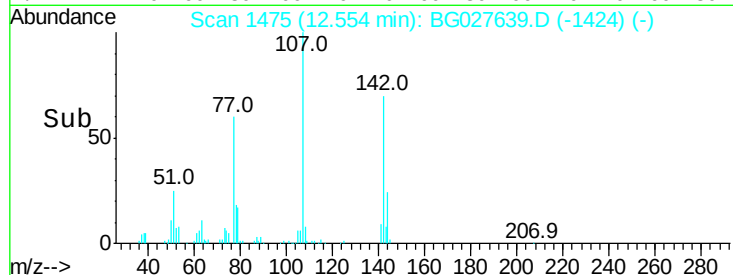
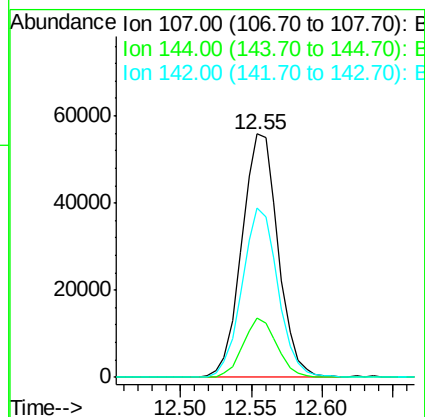
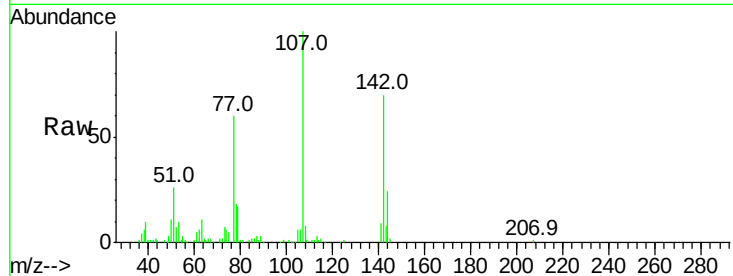


#36
4-Chloro-3-methylphenol
Concen: 49.97 ng
RT: 12.55 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

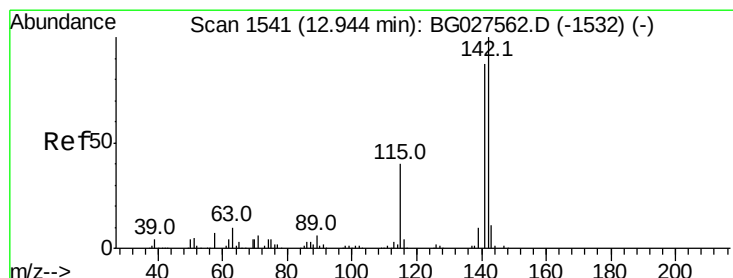
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.5	17.4	26.0	
142	69.7	54.1	81.1	

Manual Integrations
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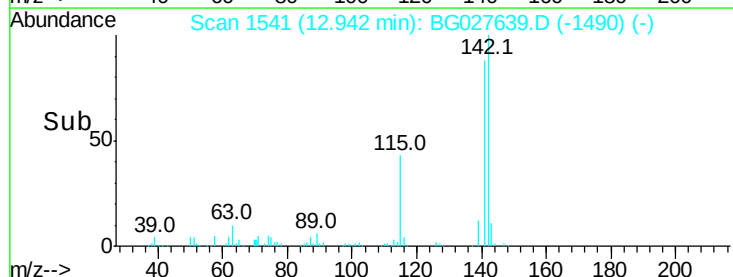
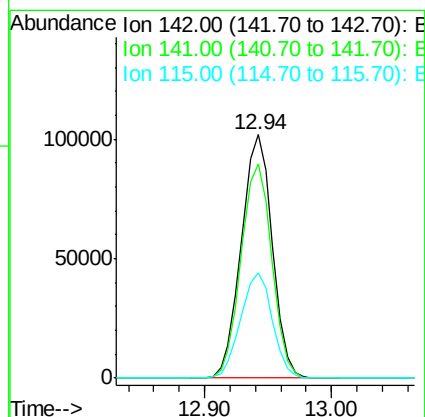
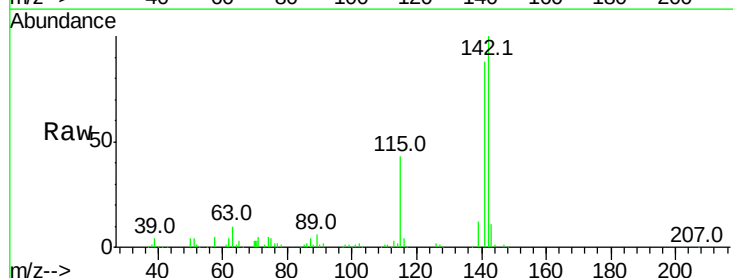
mohammad

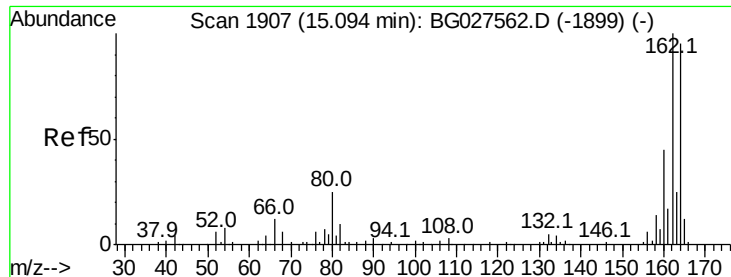
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#37
2-Methylnaphthalene
Concen: 46.81 ng
RT: 12.94 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.2	70.4	105.6	
115	43.2	35.5	53.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-AMS

Tot Ion:164 Resp: 60175

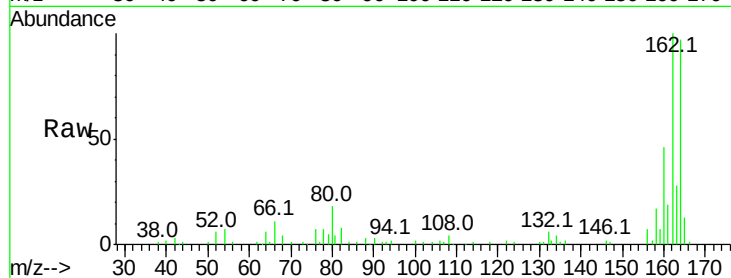
Ion Ratio Lower Upper

164 100

162 103.5 85.1 127.7

160 48.1 34.7 52.1

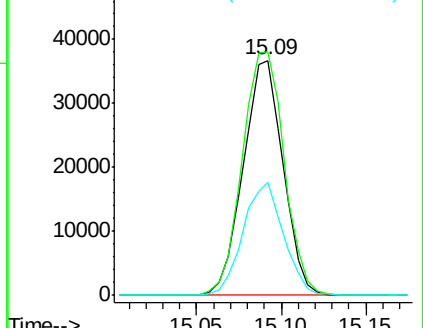
Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E

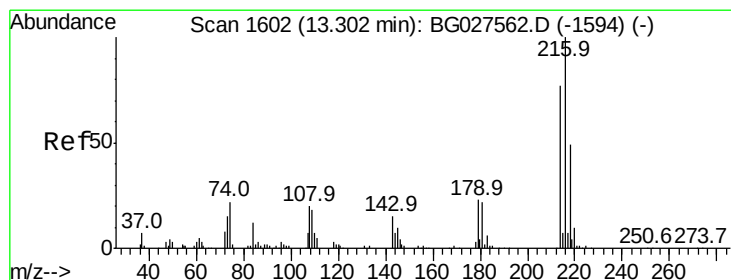
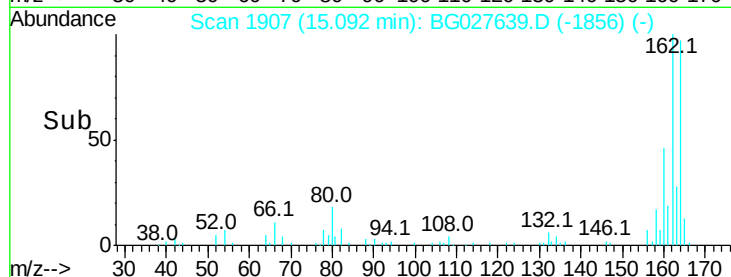
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.63 ng

RT: 13.30 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tgt Ion:216 Resp: 93650

Ion Ratio Lower Upper

216 100

214 79.1 64.4 96.6

179 22.0 17.4 26.0

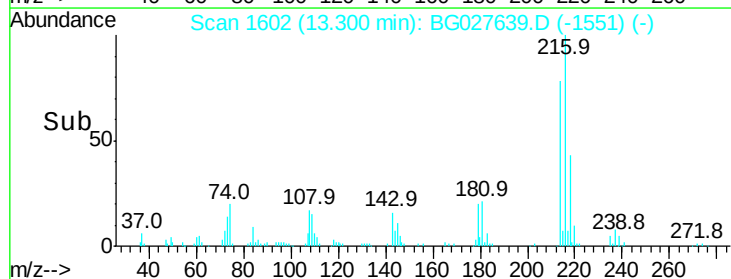
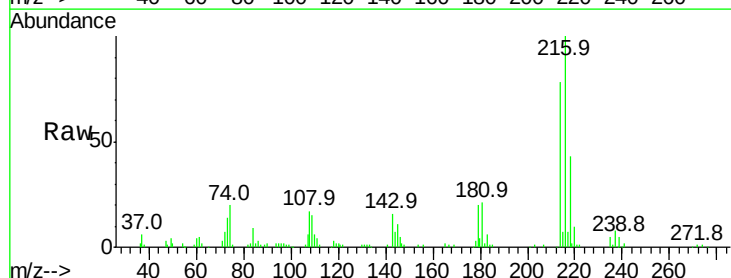
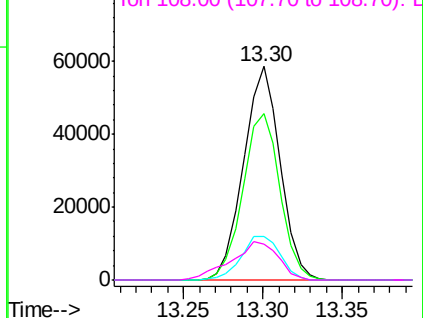
108 23.0 15.6 23.4

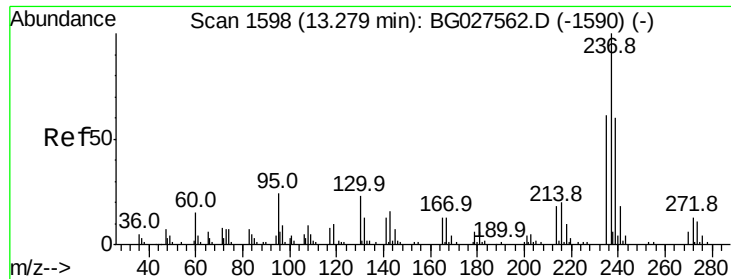
Abundance Ion 216.00 (215.70 to 216.70): E

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



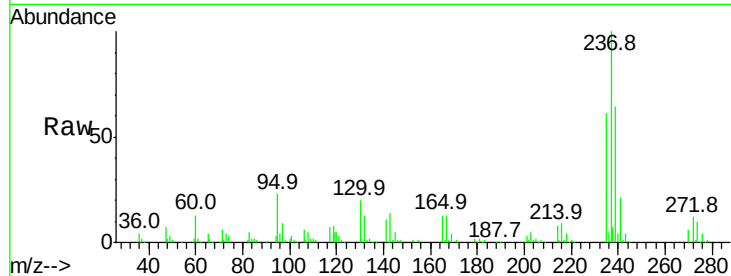


#40
Hexachlorocyclopentadiene
Concen: 119.12 ng
RT: 13.28 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

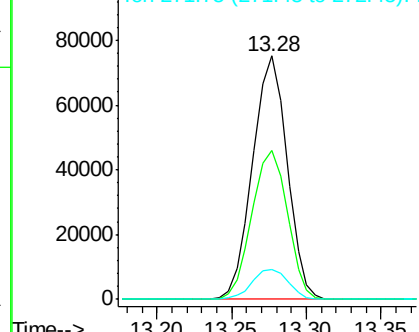
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.2	39.4	79.4
272	12.5	0.0	32.0

Manual Integrations
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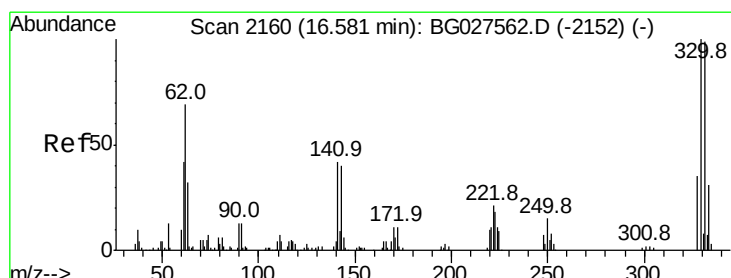
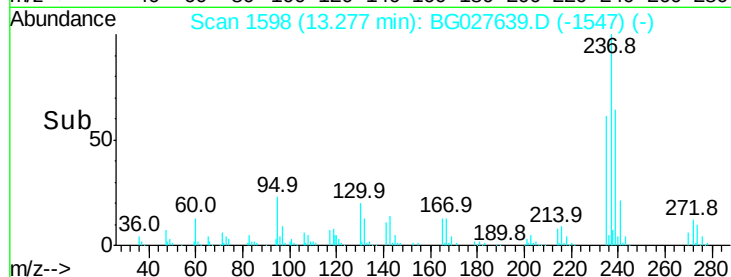


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



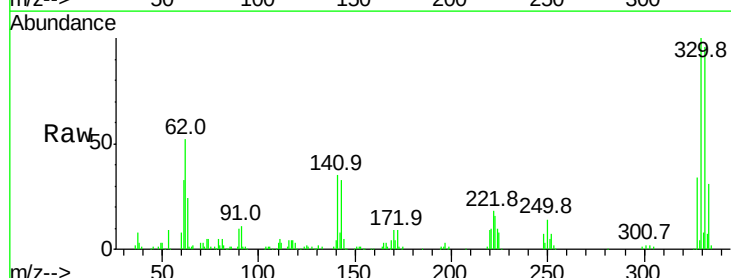
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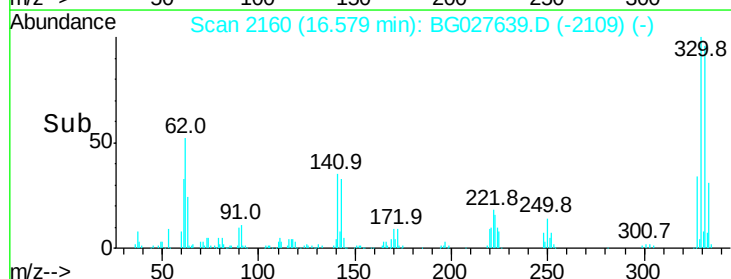
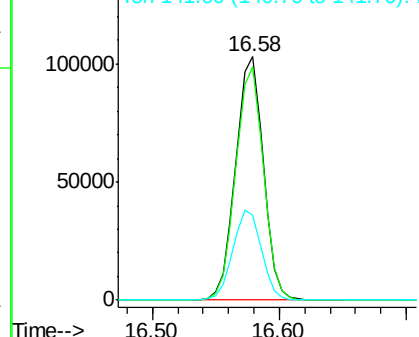


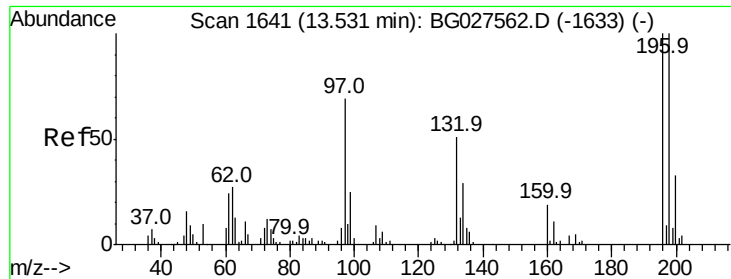
#41
2,4,6-Tribromophenol
Concen: 173.03 ng
RT: 16.58 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	77.3	115.9
141	38.0	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



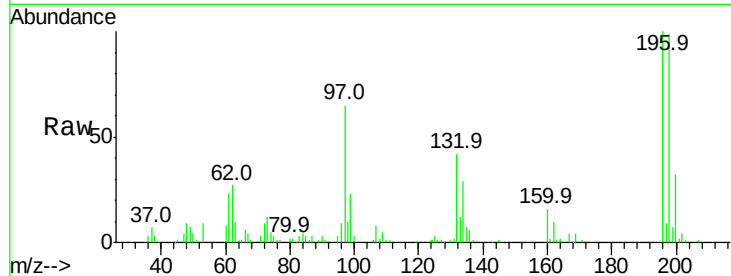


#42
 2,4,6-Trichlorophenol
 Concen: 53.90 ng
 RT: 13.53 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	81.4	122.2
200	31.5	27.0	40.6

Manual Integrations
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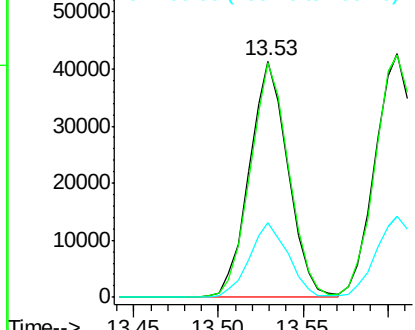


Abundance

Ion 196.00 (195.70 to 196.70): E

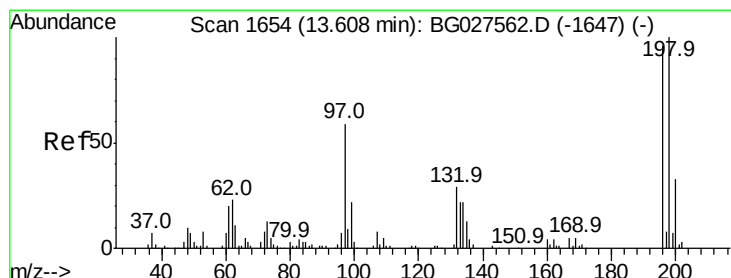
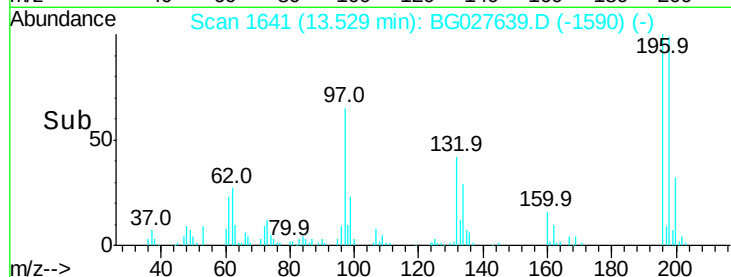
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43
 2,4,5-Trichlorophenol
 Concen: 50.60 ng
 RT: 13.61 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	79.9	119.9
97	57.8	45.4	68.0
132	28.1	20.7	31.1

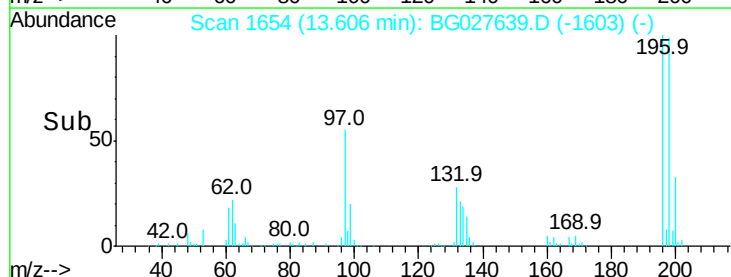
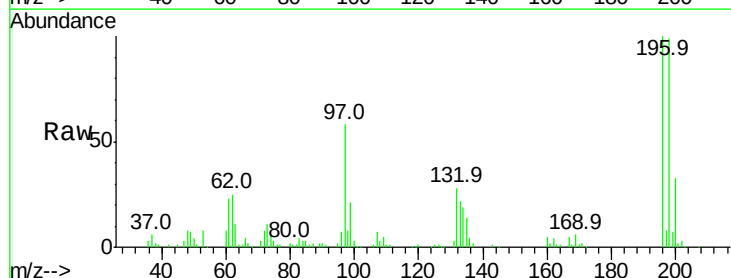
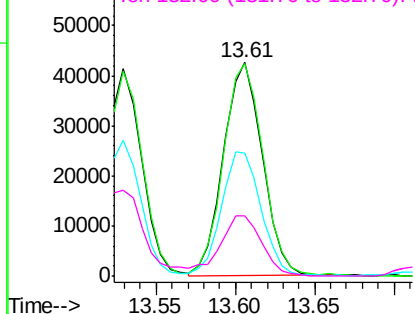
Abundance

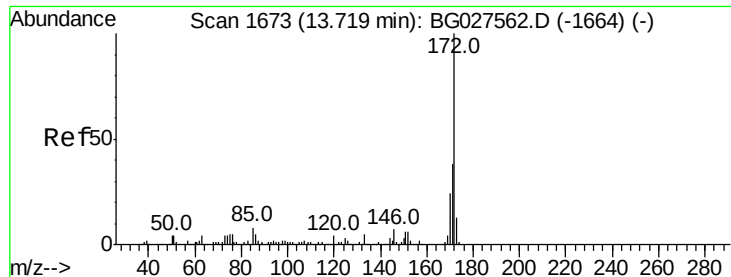
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



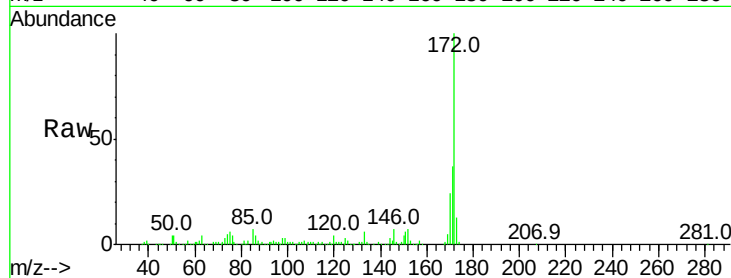


#44
2-Fluorobiphenyl
Concen: 94.90 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.0	21.8	32.6

Manual Integrations
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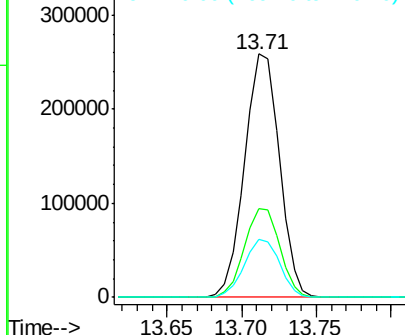


Abundance

Ion 172.00 (171.70 to 172.70): E

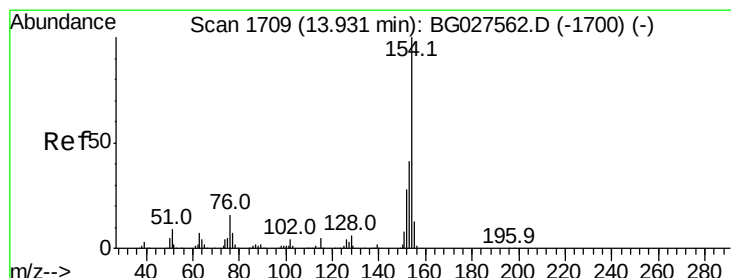
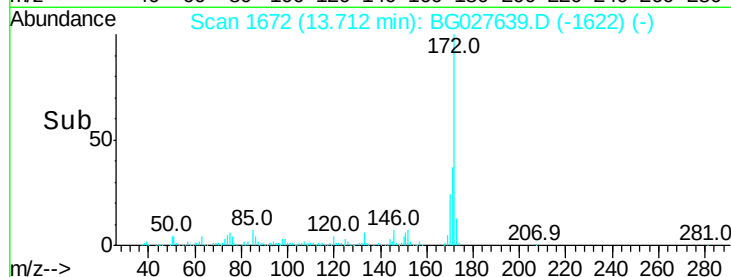
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



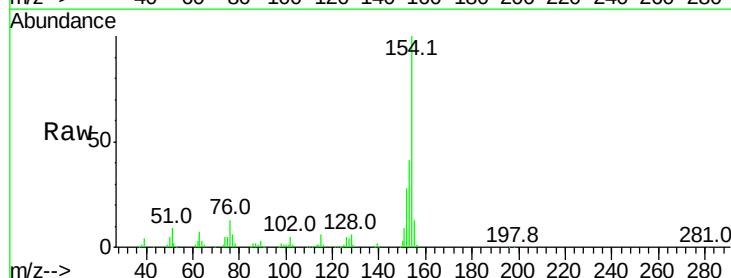
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#45
1,1'-Biphenyl
Concen: 46.68 ng
RT: 13.92 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	12.8	0.0	33.5

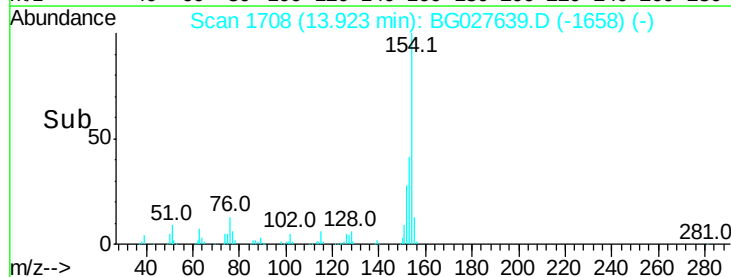
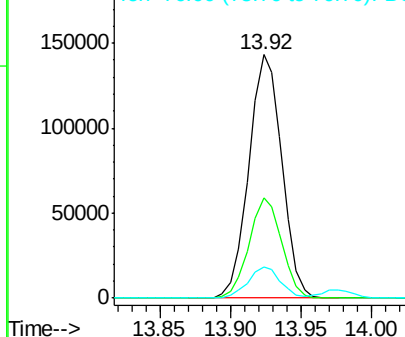


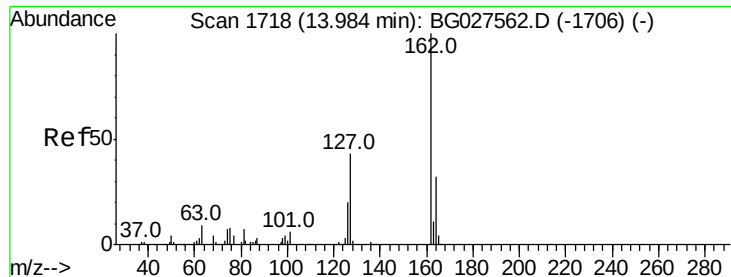
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



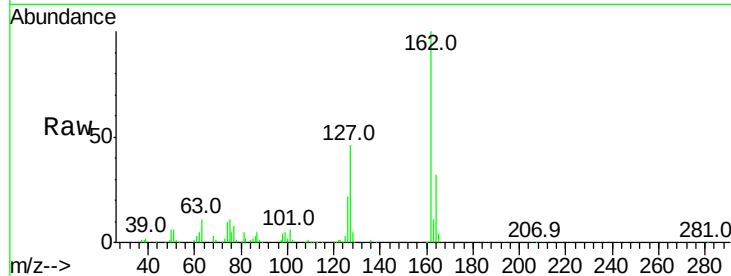


#46
2-Chloronaphthalene
Concen: 46.66 ng
RT: 13.98 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

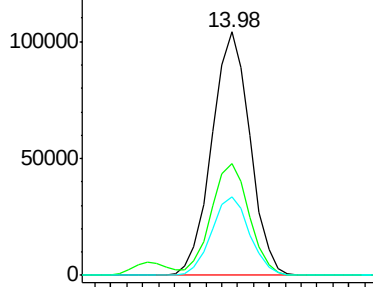
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion:	162	Resp:	174140
Ion Ratio	Lower	Upper	
162	100		
127	46.1	32.2	48.4
164	32.2	27.3	40.9

Manual Integrations
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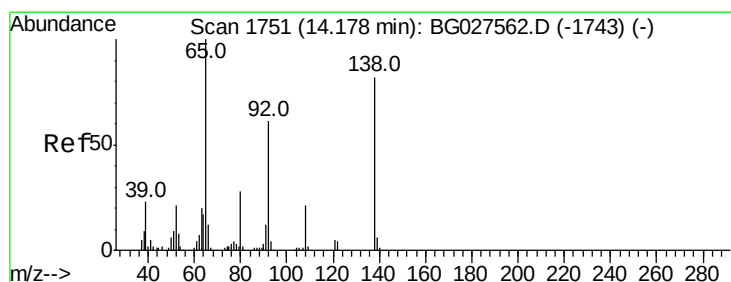
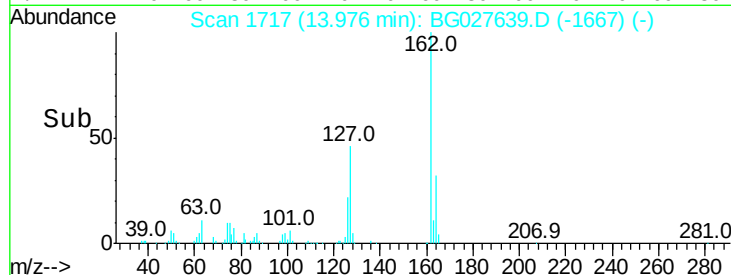


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



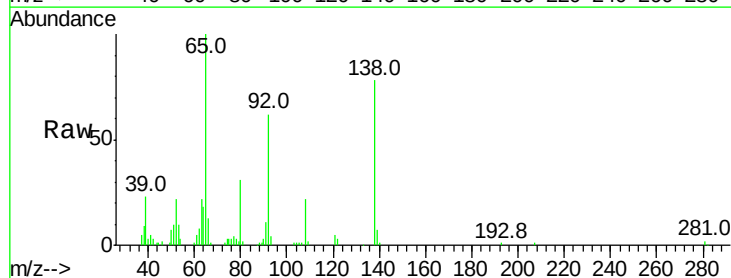
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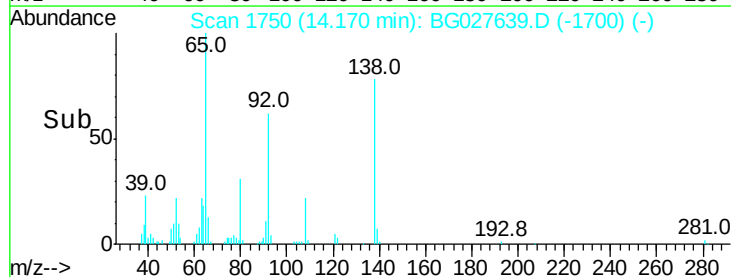
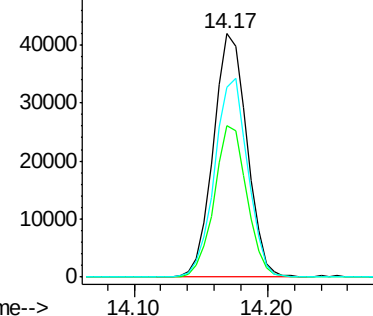


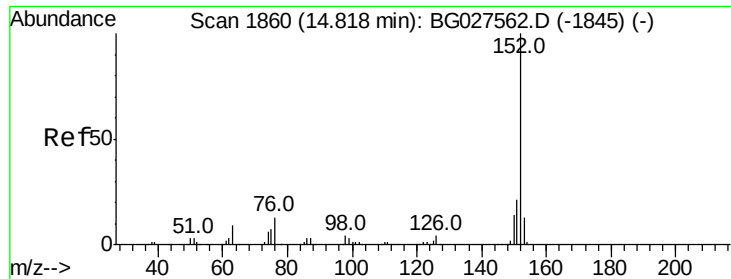
#47
2-Nitroaniline
Concen: 43.30 ng
RT: 14.17 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion:	65	Resp:	72545
Ion Ratio	Lower	Upper	
65	100		
92	62.5	49.0	73.4
138	78.2	58.6	87.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 43.42 ng

RT: 14.82 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

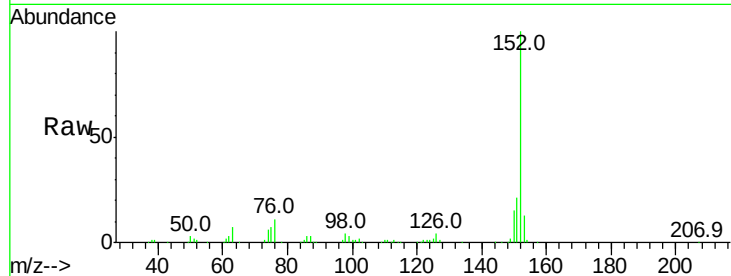
BNA_G

ClientSampleId :

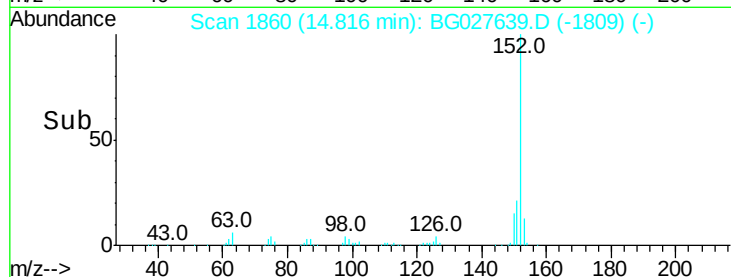
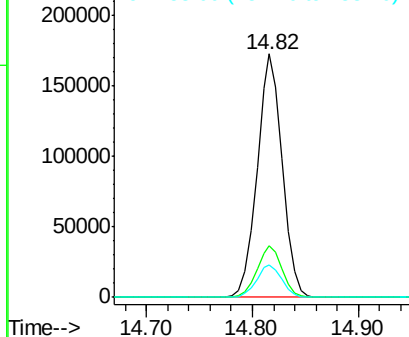
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.2	27.2
153	13.1	11.3	16.9

Manual Integrations
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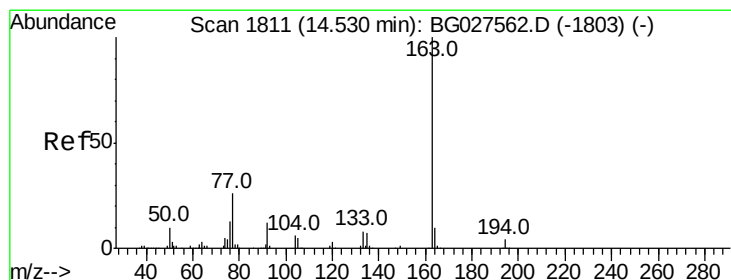


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 47.84 ng

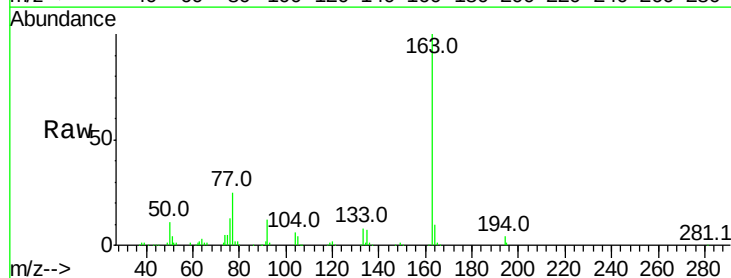
RT: 14.53 min Scan# 1811

Delta R.T. -0.00 min

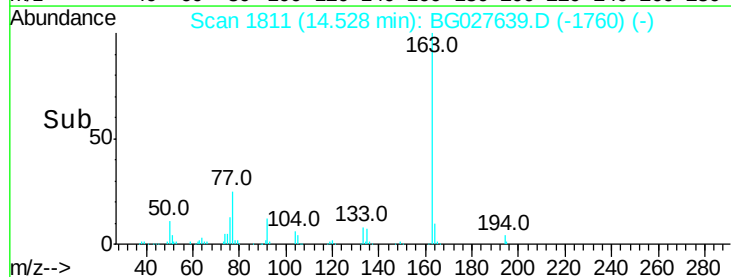
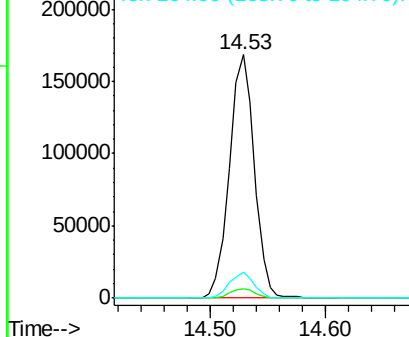
Lab File: BG027639.D

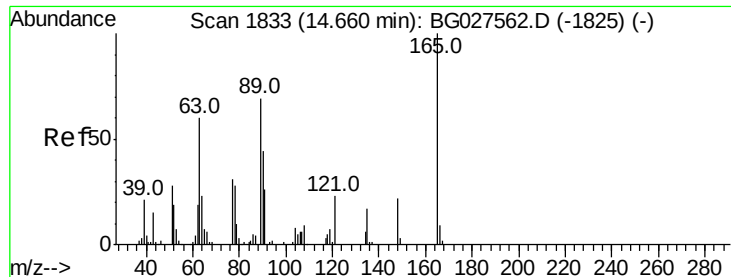
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	10.5	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



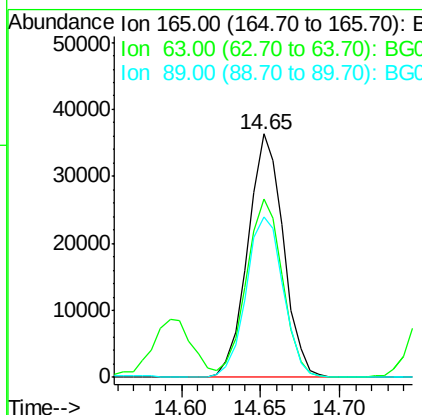
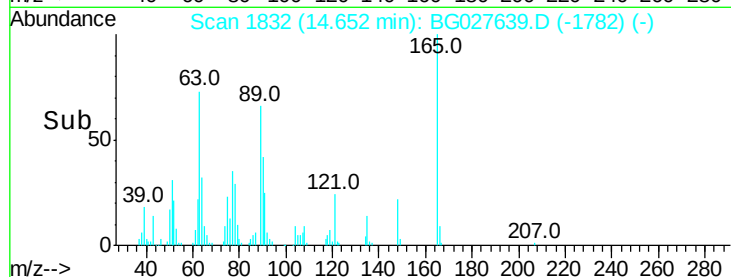
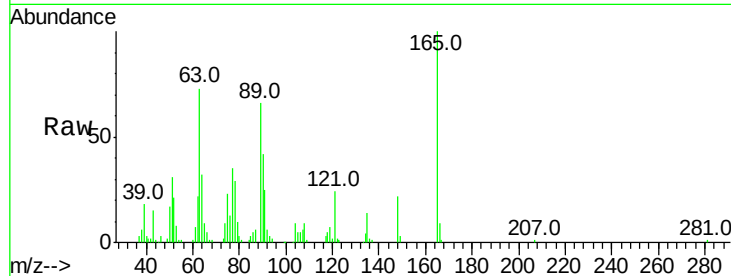


#50
2,6-Dinitrotoluene
Concen: 49.48 ng
RT: 14.65 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

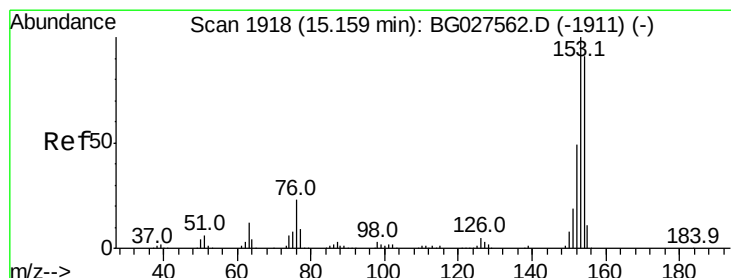
Tot Ion:	165	Resp:	56564
Ion Ratio	Lower	Upper	
165	100		
63	73.3	63.9	95.9
89	65.8	58.6	88.0

Manual Integrations
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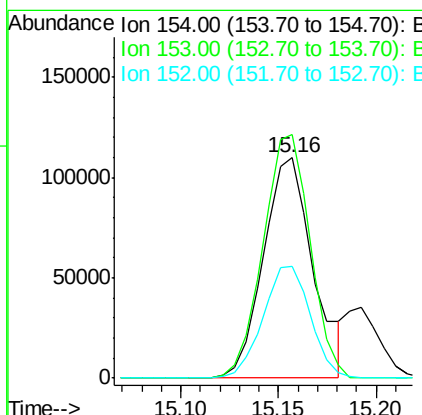
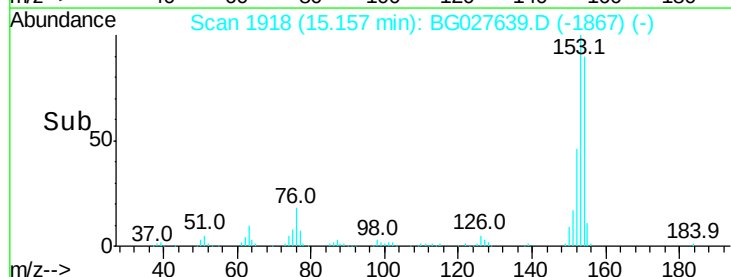
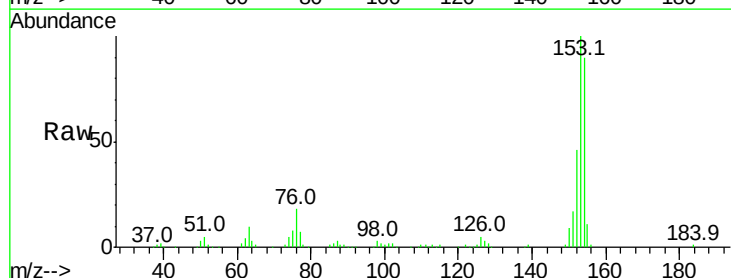
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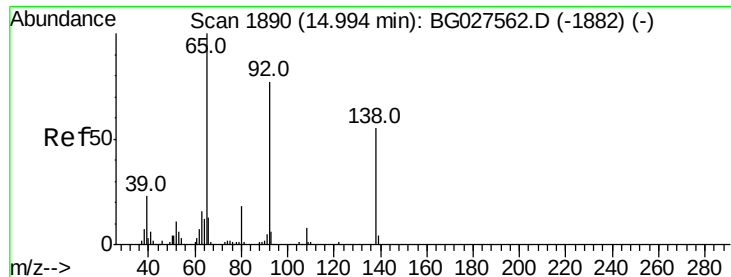
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#51
Acenaphthene
Concen: 42.53 ng
RT: 15.16 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion:	154	Resp:	193771
Ion Ratio	Lower	Upper	
154	100		
153	110.6	87.8	131.6
152	50.7	42.2	63.4





#52

3-Nitroaniline

Concen: 8.36 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-AMS

Tot Ion:138 Resp: 10085

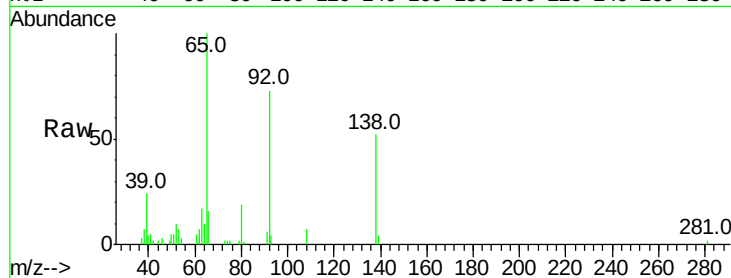
Ion Ratio Lower Upper

138 100

108 14.0 10.9 16.3

92 139.6 115.3 172.9

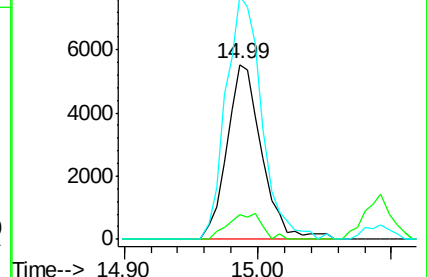
Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E

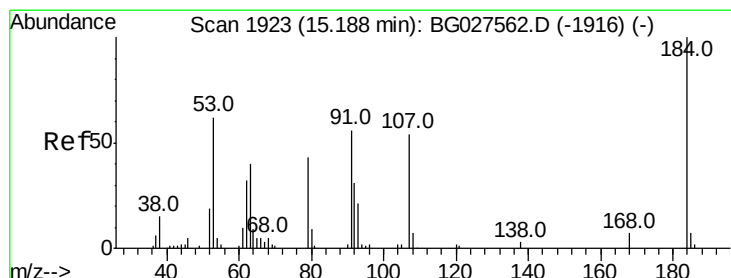
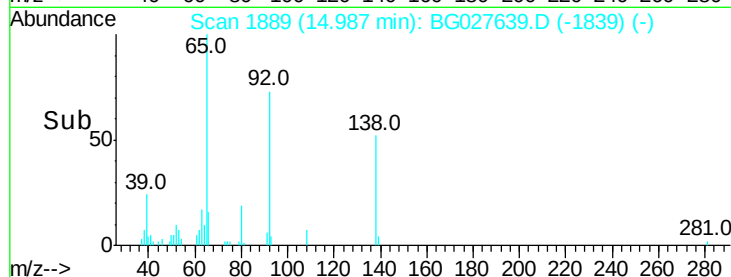
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



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#53

2,4-Dinitrophenol

Concen: 108.22 ng

RT: 15.19 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

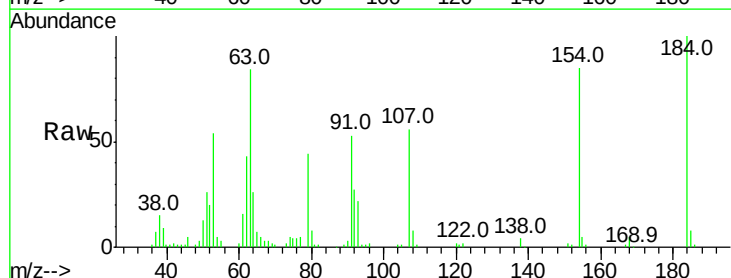
Tgt Ion:184 Resp: 69929

Ion Ratio Lower Upper

184 100

63 84.4 52.7 79.1#

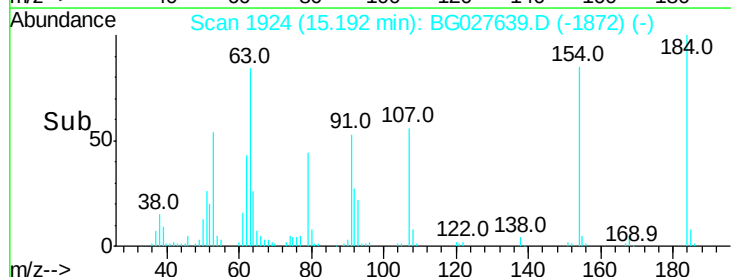
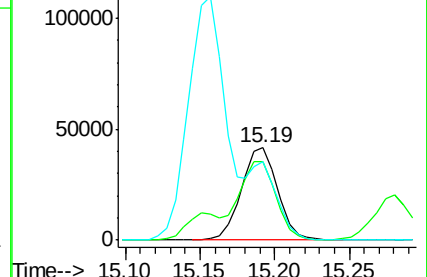
154 84.6 57.3 85.9

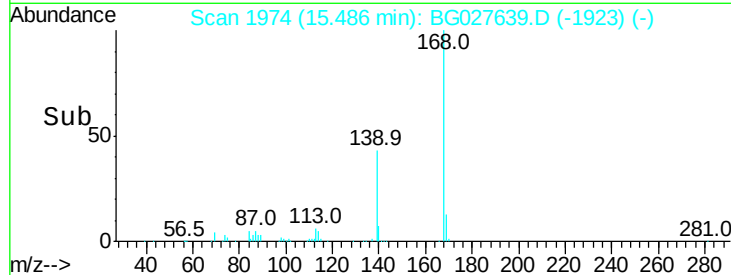
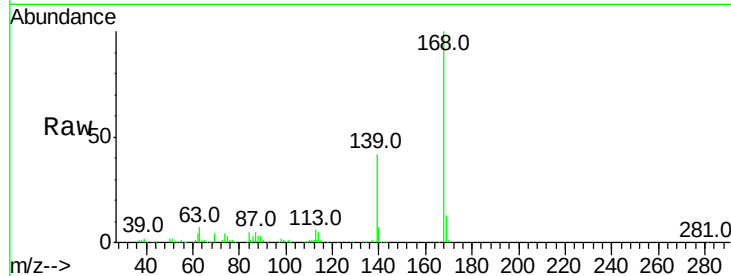
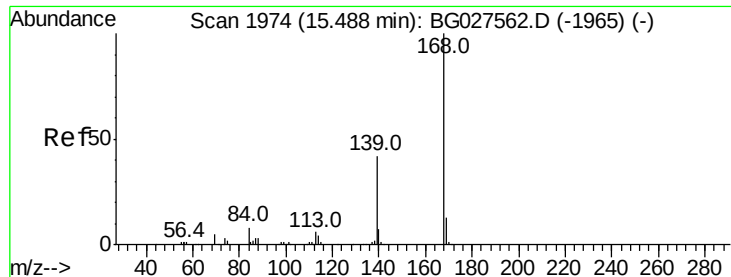


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



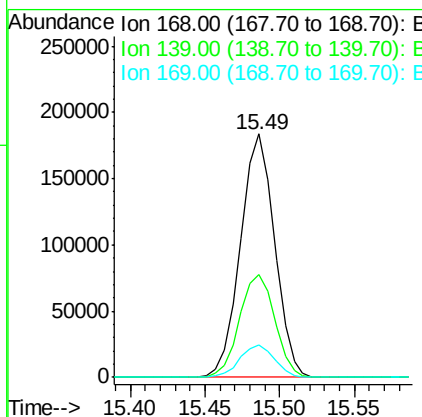


#54
Dibenzofuran
Concen: 49.08 ng
RT: 15.49 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tot Ion:168	Resp:	291257
Ion Ratio	Lower	Upper
168	100	
139	42.2	35.3 52.9
169	13.4	11.5 17.3

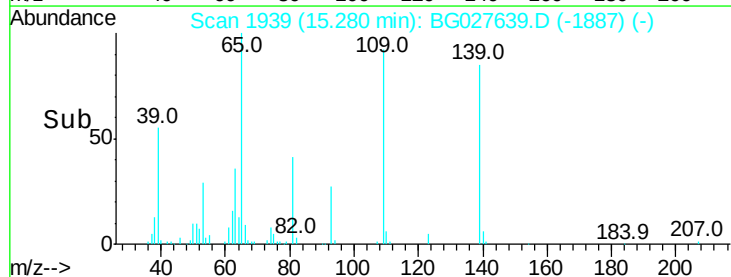
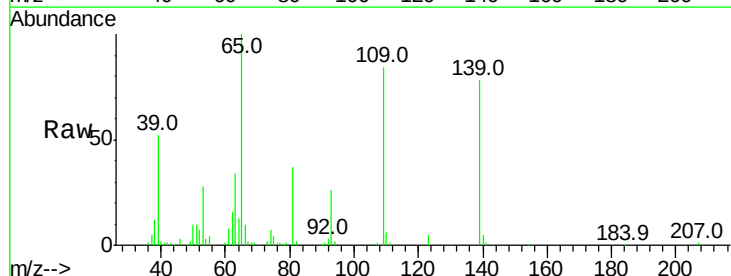
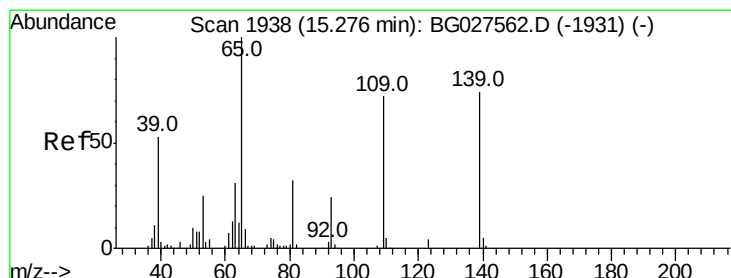
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Manual Integrations
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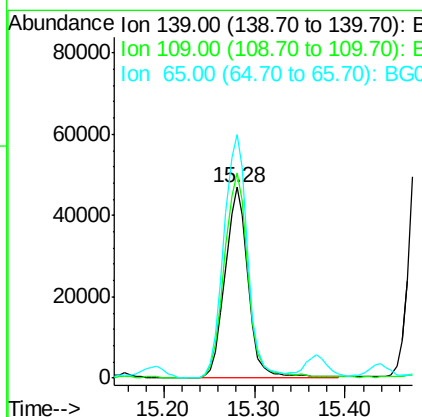
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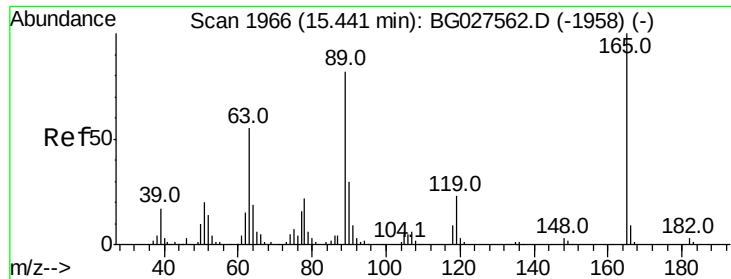
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#55
4-Nitrophenol
Concen: 82.25 ng
RT: 15.28 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion:139	Resp:	83098
Ion Ratio	Lower	Upper
139	100	
109	107.7	101.2 141.2
65	127.7	135.3 175.3#



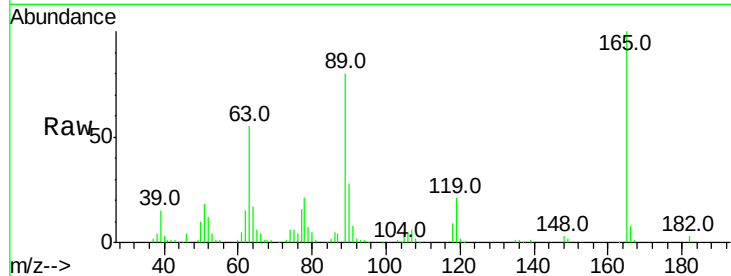


#56
2,4-Dinitrotoluene
Concen: 51.20 ng
RT: 15.44 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	44.0	66.0
89	79.9	67.3	100.9
182	2.8	3.8	5.6#

Manual Integrations
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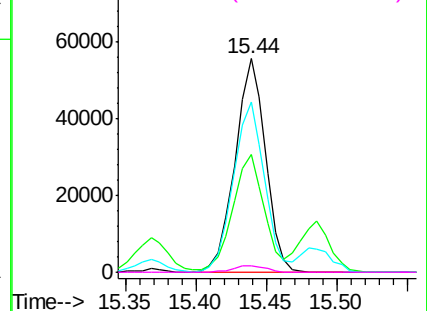


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

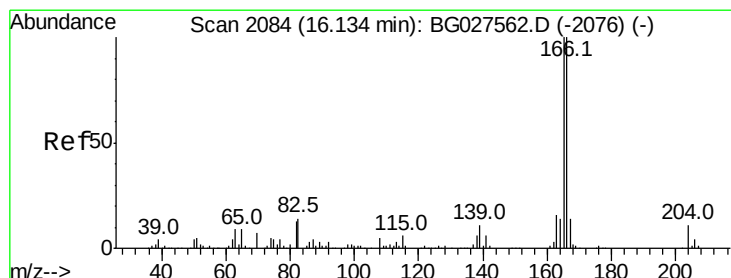
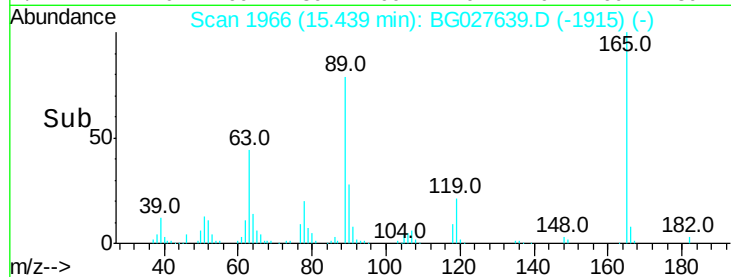
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



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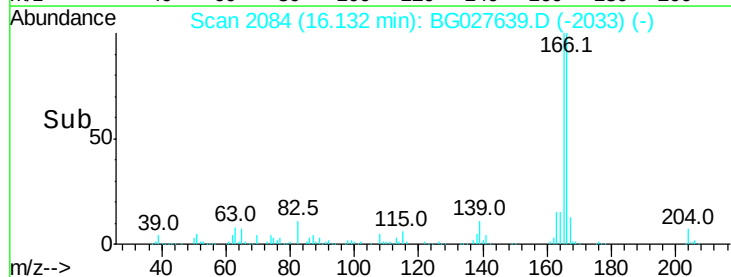
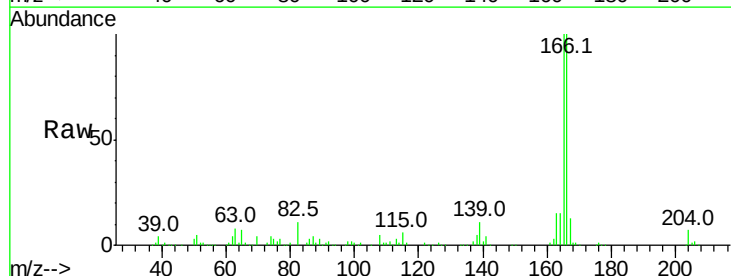
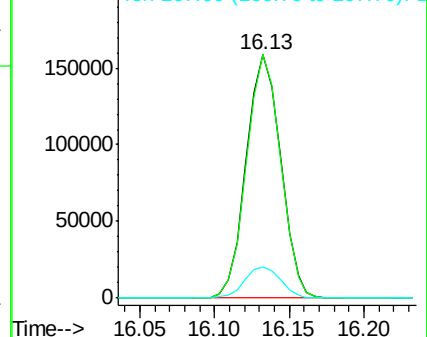
#57
Fluorene
Concen: 44.97 ng
RT: 16.13 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

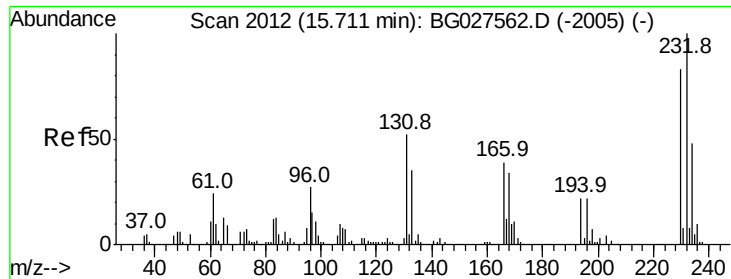
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	12.6	11.6	17.4

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



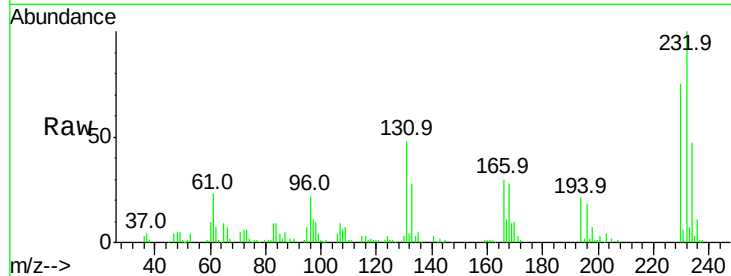


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.22 ng/ml
 RT: 15.71 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	34.9	52.3
130	2.9	2.3	3.5
166	25.4	24.2	36.4

Manual Integrations
 APPROVED

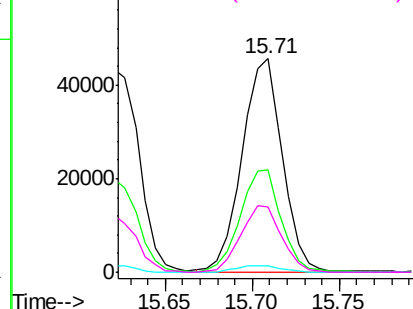


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

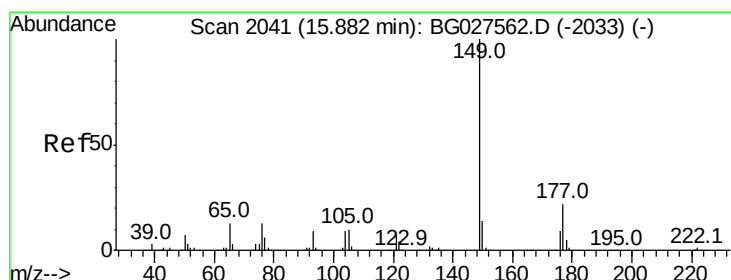
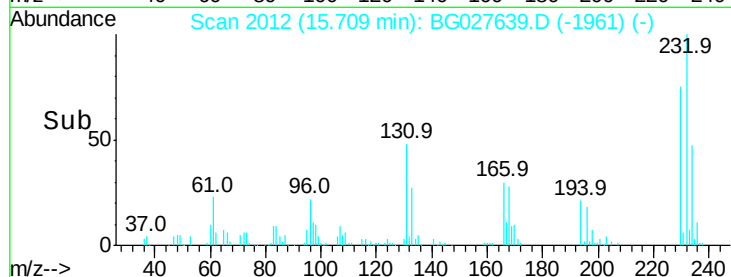
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



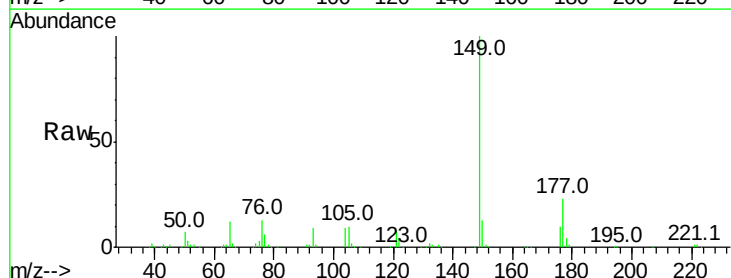
mohammad

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#59
 Diethylphthalate
 Concen: 47.15 ng/ml
 RT: 15.88 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

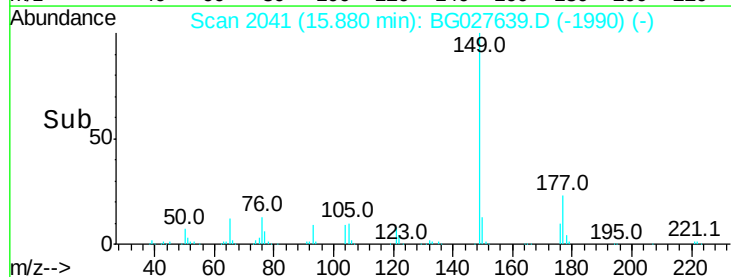
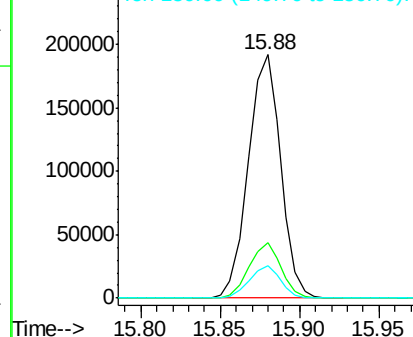
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	20.1	30.1
150	13.4	10.2	15.2

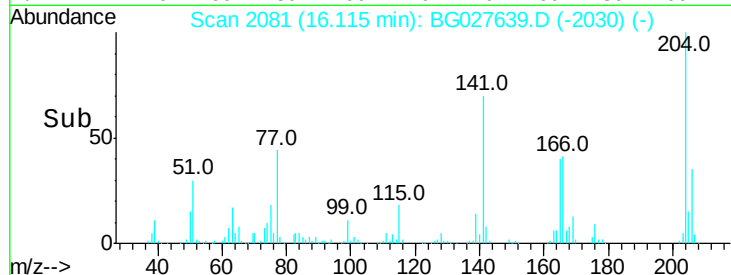
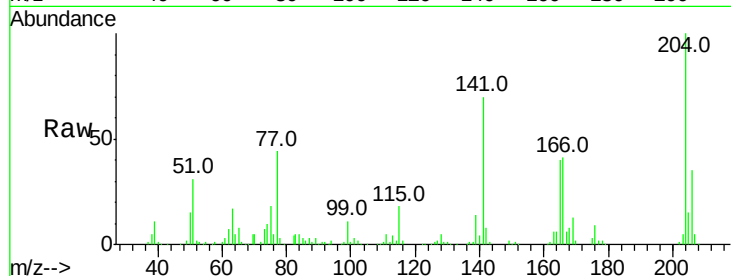
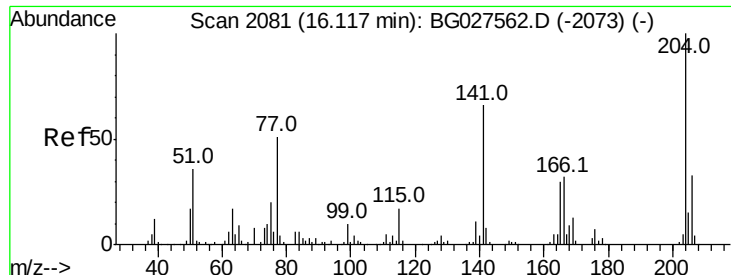


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



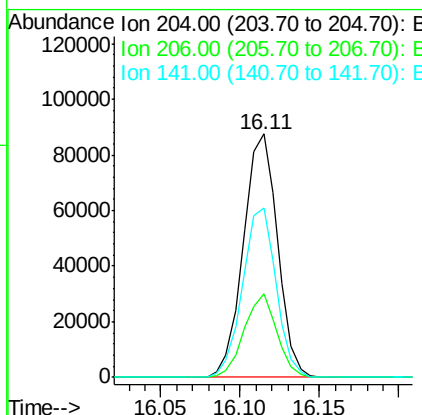


#60
4-Chlorophenyl-phenylether
Concen: 47.53 ng
RT: 16.11 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

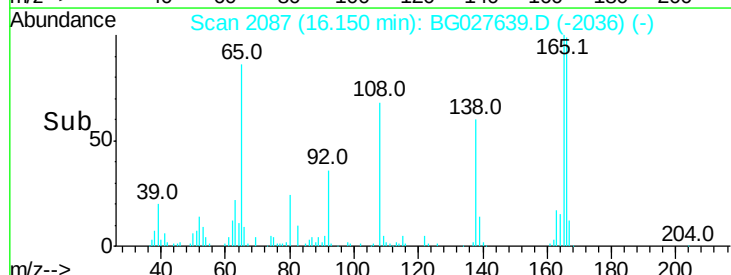
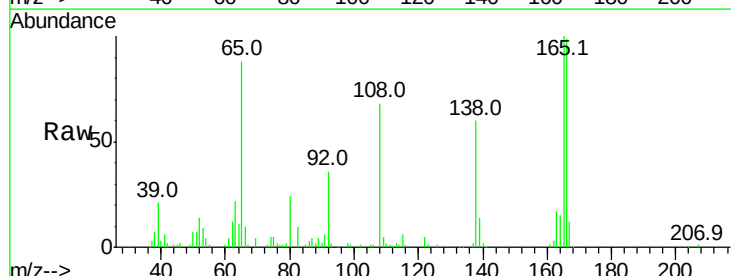
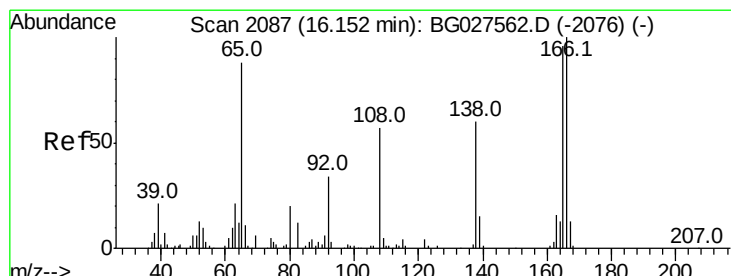
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	30.1	45.1
141	69.7	50.6	76.0

Manual Integrations
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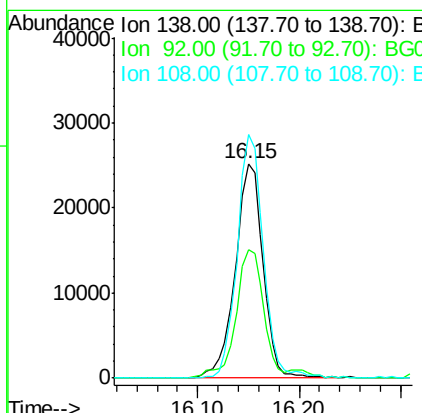
mohammad

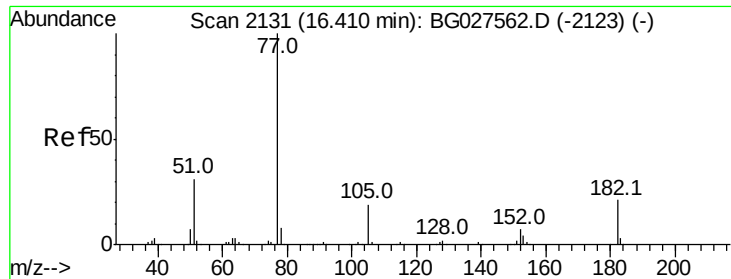
6/28/2017 1:15:24 PM



#61
4-Nitroaniline
Concen: 36.39 ng
RT: 16.15 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.7	44.2	84.2
108	113.6	104.8	144.8



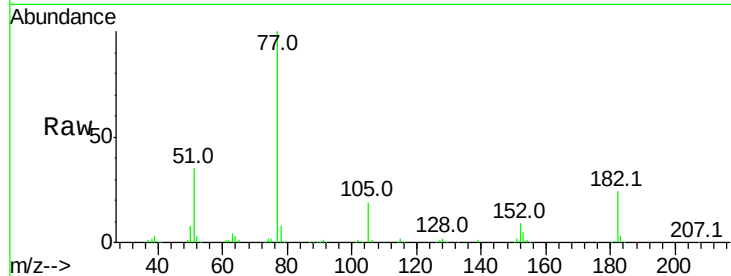


#62
Azobenzene
Concen: 45.65 ng
RT: 16.41 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

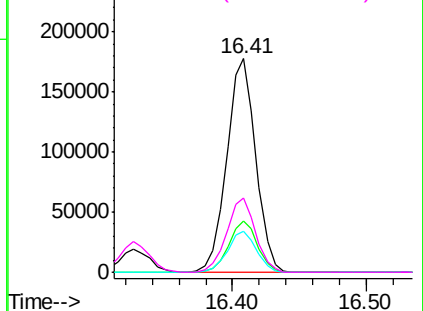
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.7	44.7
105	19.3	0.0	36.3
51	34.5	16.4	56.4

Manual Integrations
APPROVED

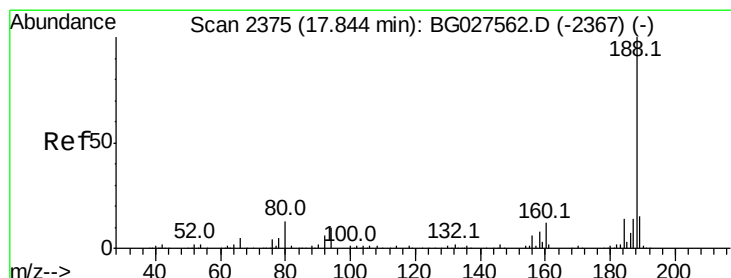
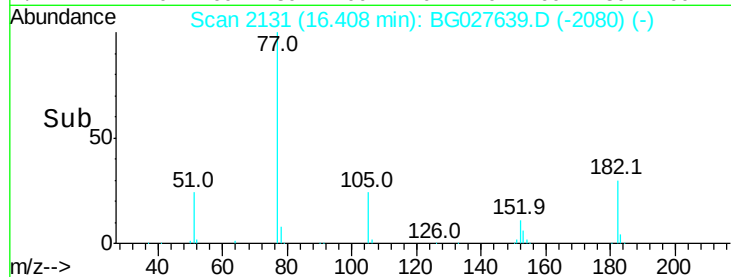


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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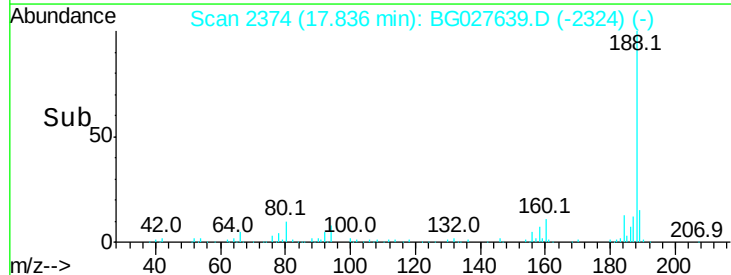
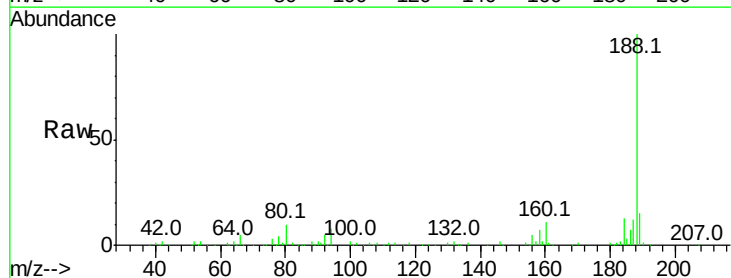
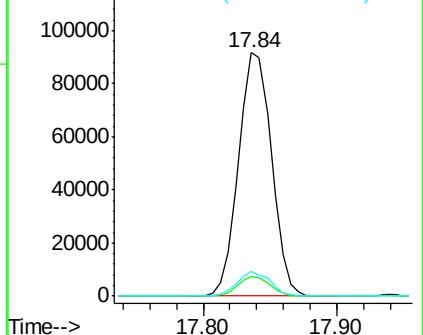
6/28/2017 1:15:24 PM

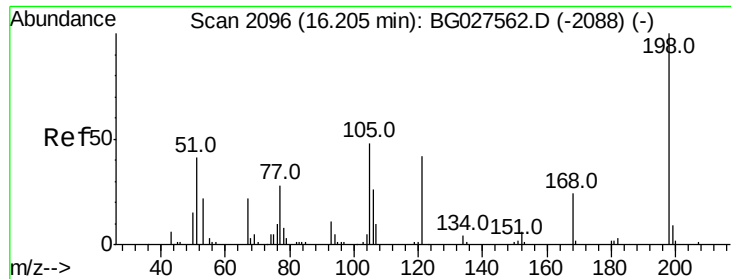


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.8
80	10.3	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



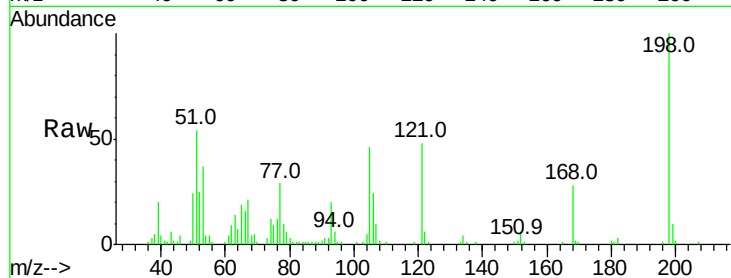


#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.49 ng
 RT: 16.20 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

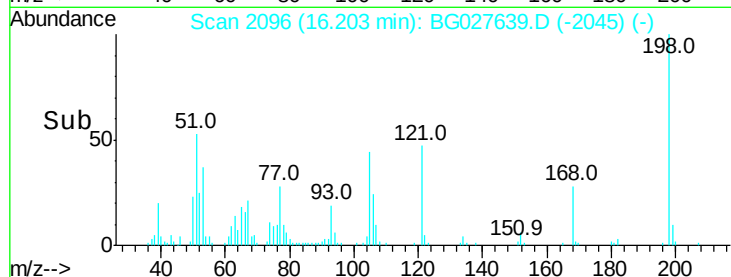
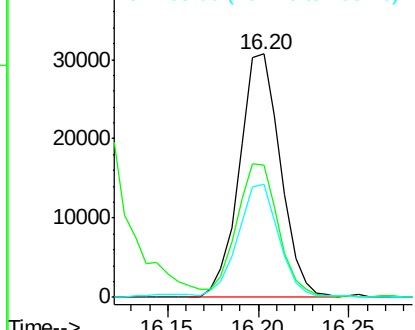
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	48323		
51	54.1		22.6	62.6
105	46.2		14.4	54.4

Manual Integrations
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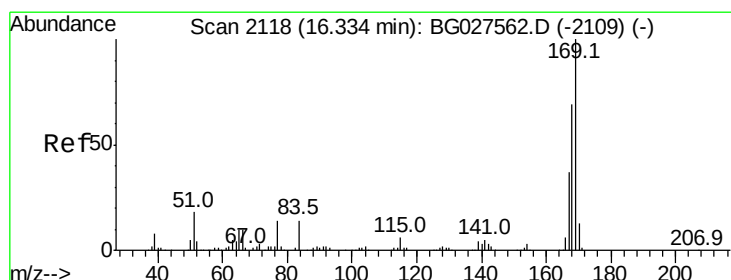


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E



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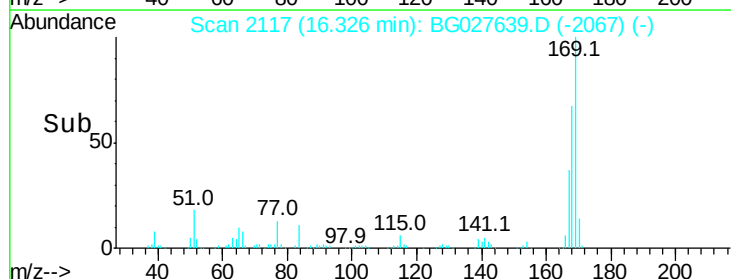
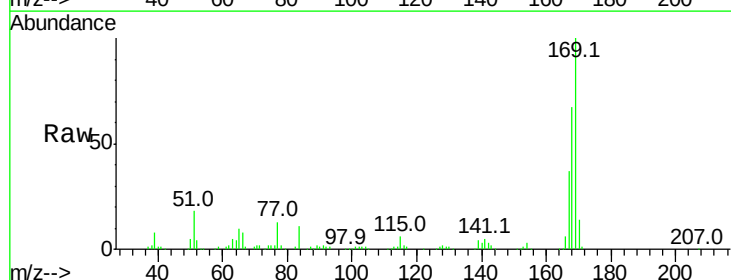
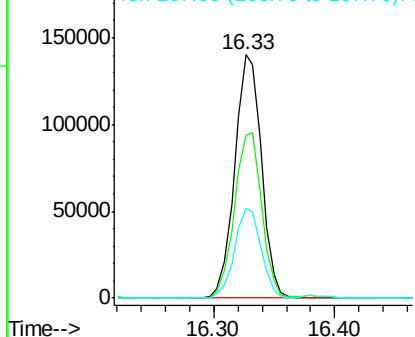
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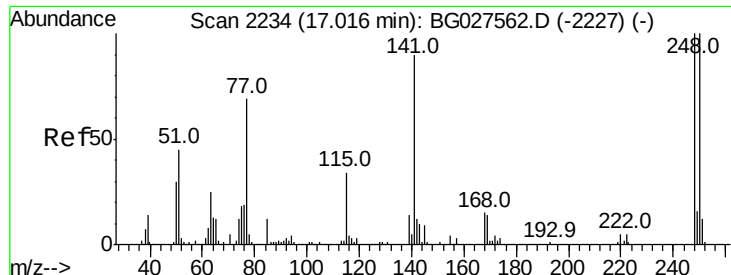


#65
 n-Nitrosodiphenylamine
 Concen: 44.93 ng
 RT: 16.33 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	216158		
168	67.0		55.7	83.5
167	37.2		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



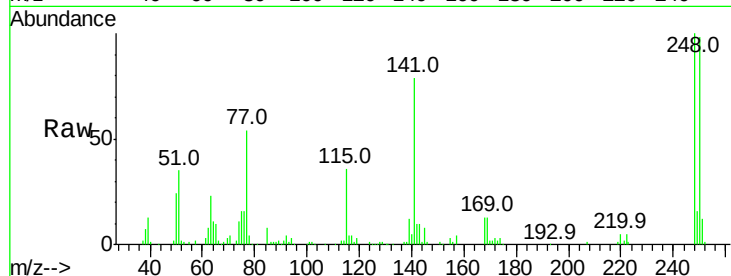


#66
4-Bromophenyl-phenylether
Concen: 50.87 ng
RT: 17.01 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

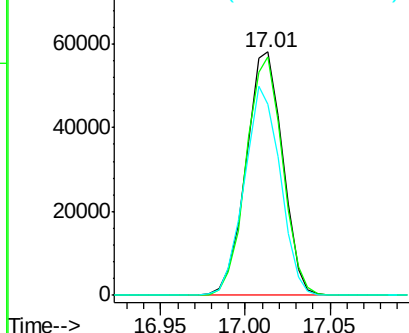
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.0	112.6
141	78.7	55.2	82.8

Manual Integrations
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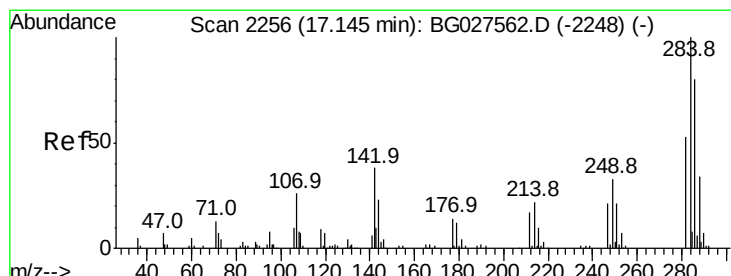
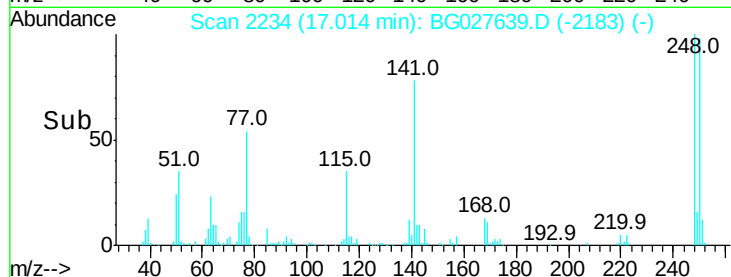


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



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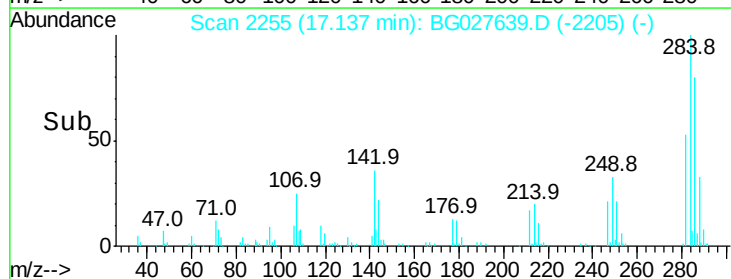
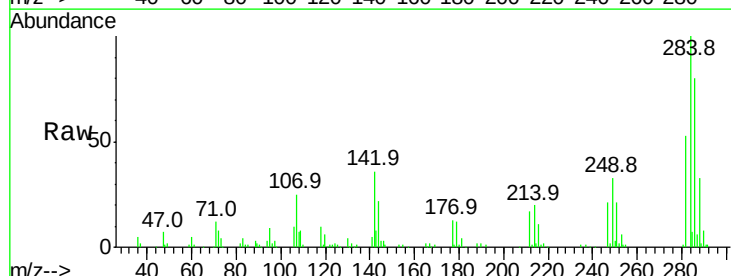
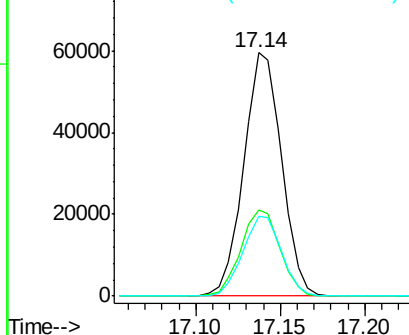
6/28/2017 1:15:24 PM

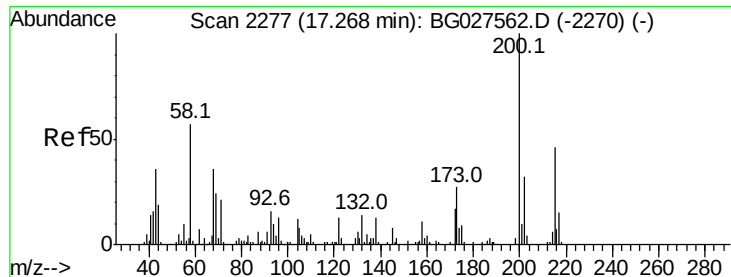


#67
Hexachlorobenzene
Concen: 50.23 ng
RT: 17.14 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	29.9	44.9
249	32.6	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: 24.23 ng

RT: 17.26 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

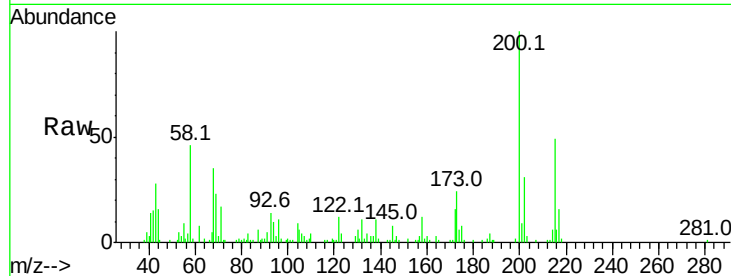
BNA_G

ClientSampleId :

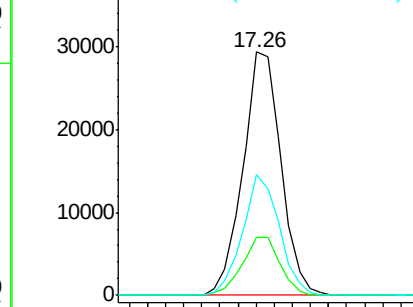
CL-01-062217-AMS

Tot Ion:	200	Resp:	42708
Ion Ratio	Lower	Upper	
200	100		
173	24.0	3.0	43.0
215	49.5	28.4	68.4

Manual Integrations
APPROVED

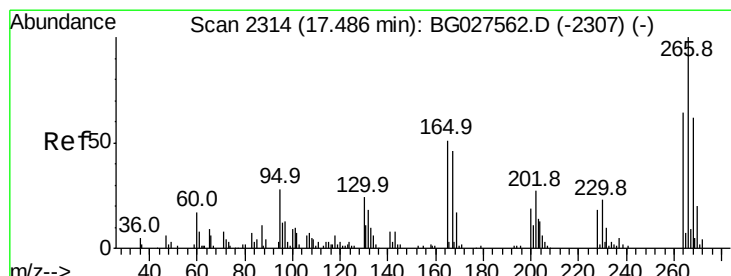
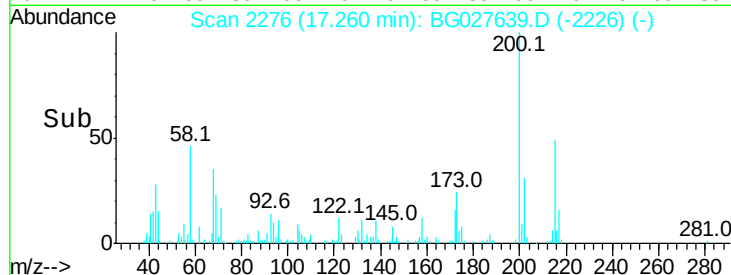


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



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#69

Pentachlorophenol

Concen: 106.26 ng

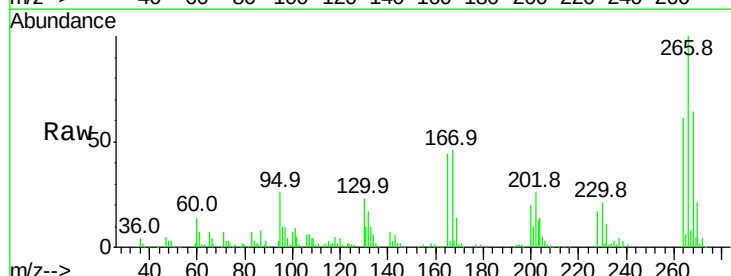
RT: 17.48 min Scan# 2314

Delta R.T. -0.00 min

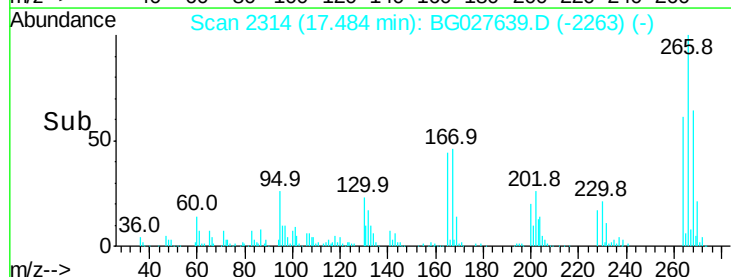
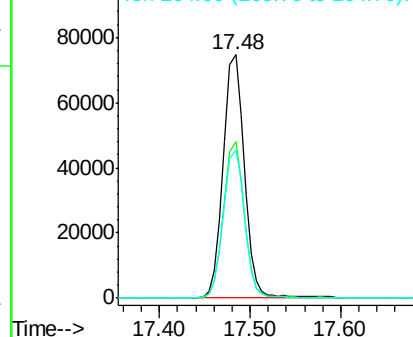
Lab File: BG027639.D

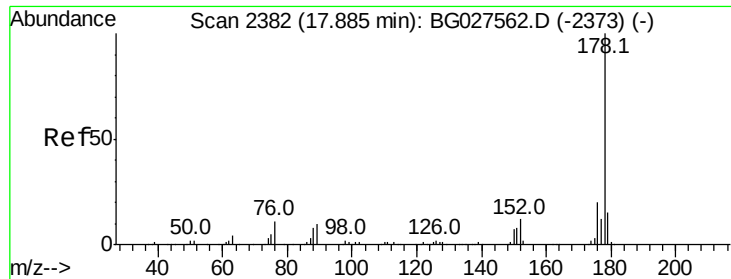
Acq: 23 Jun 2017 20:31

Tgt Ion:	266	Resp:	121739
Ion Ratio	Lower	Upper	
266	100		
268	64.2	48.6	72.8
264	60.7	50.1	75.1



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





#70

Phenanthrene

Concen: 46.72 ng

RT: 17.88 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-AMS

Tot Ion:178 Resp: 417055

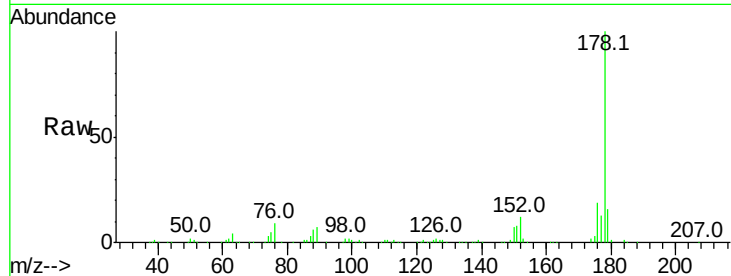
Ion Ratio Lower Upper

178 100

176 19.4 17.7 26.5

179 15.7 15.0 22.6

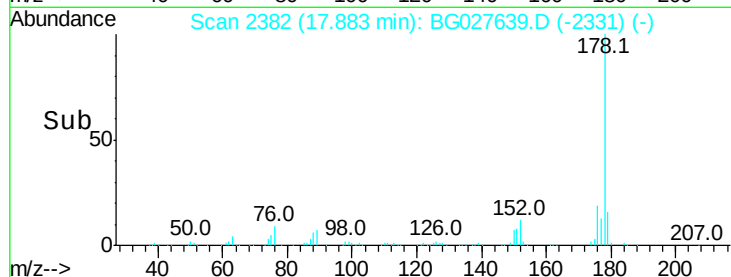
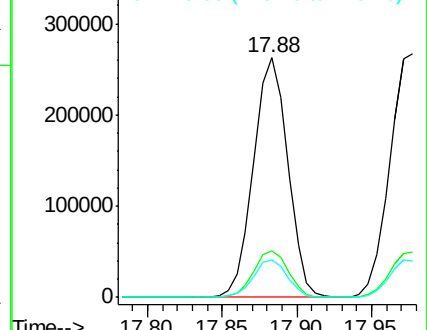
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E

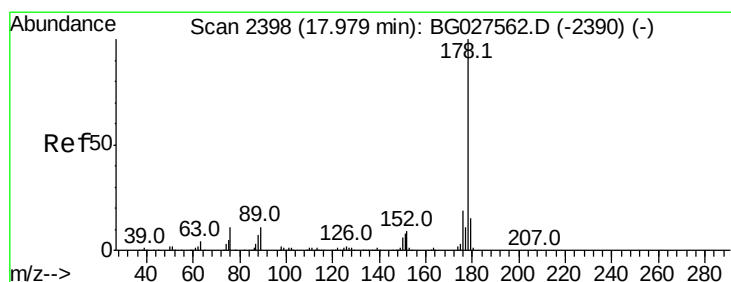
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#71

Anthracene

Concen: 47.45 ng

RT: 17.98 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

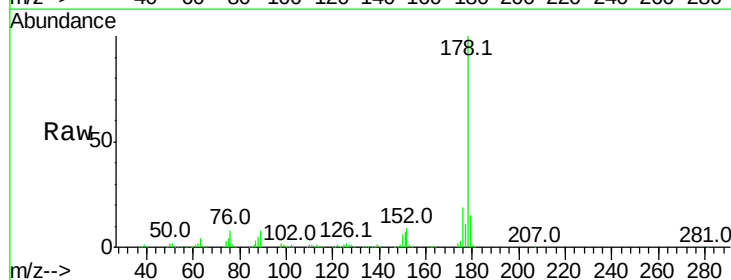
Tgt Ion:178 Resp: 426485

Ion Ratio Lower Upper

178 100

176 18.5 16.4 24.6

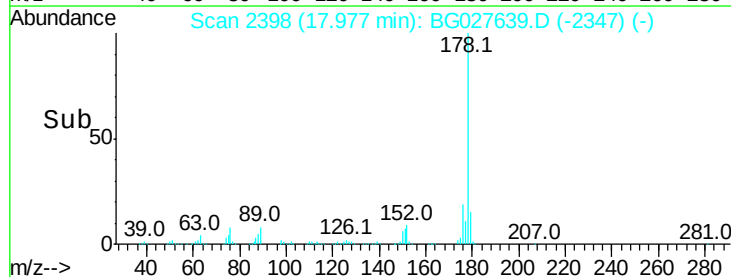
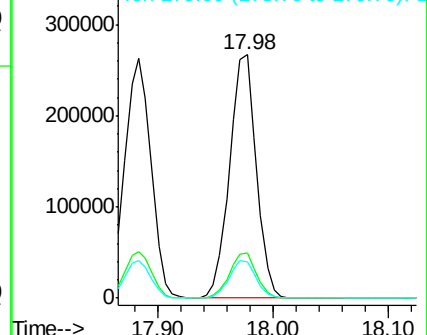
179 15.2 13.8 20.8

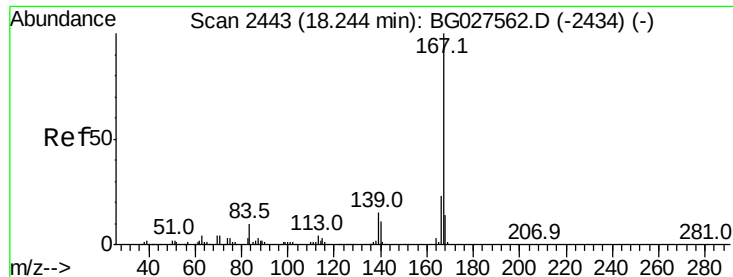


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



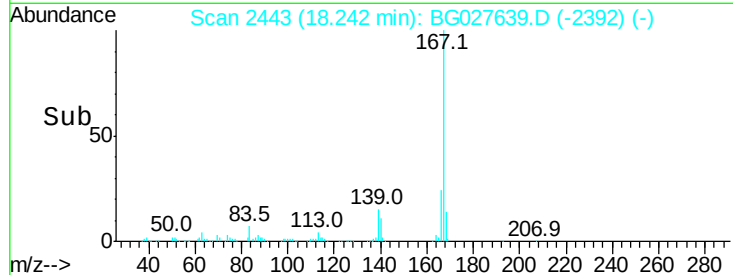
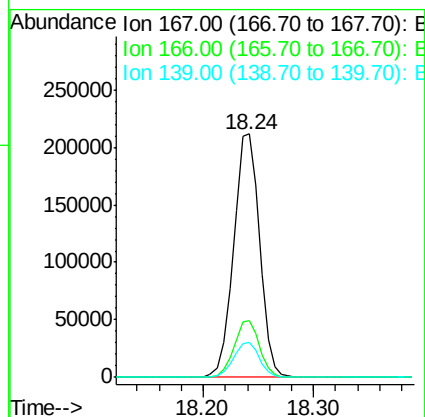
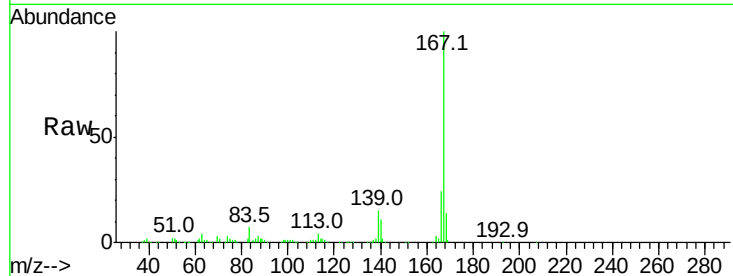


#72
 Carbazole
 Concen: 39.93 ng
 RT: 18.24 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

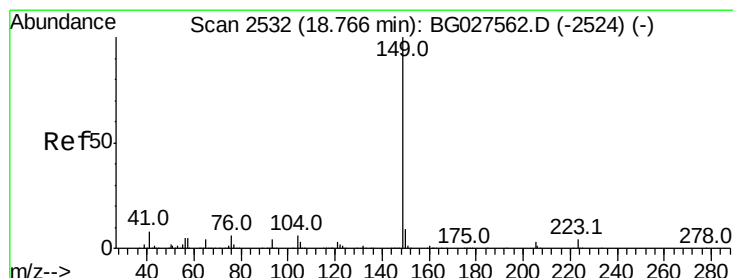
Tot Ion:	167	Resp:	349634
Ion Ratio	Lower	Upper	
167	100		
166	23.5	20.2	30.2
139	14.5	12.8	19.2

Manual Integrations
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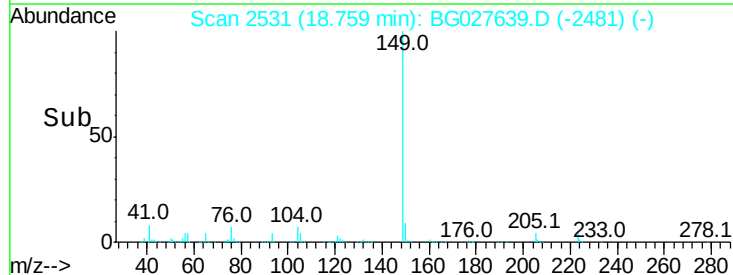
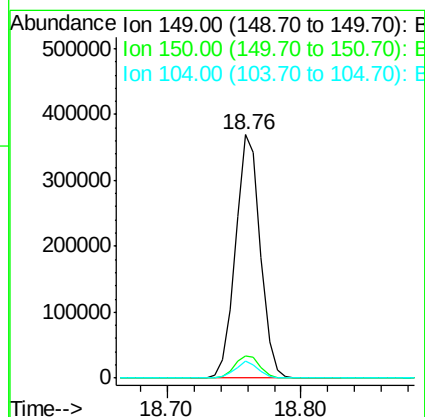
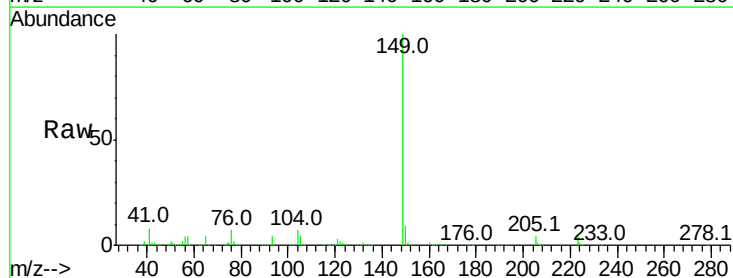
mohammad

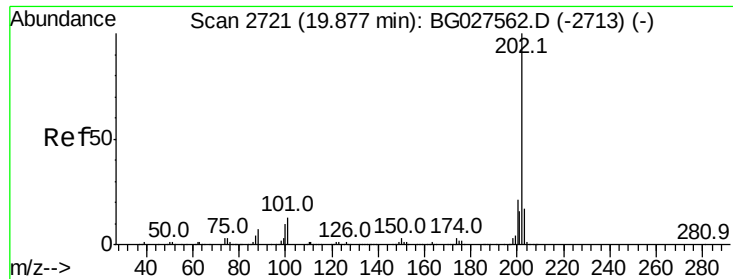
6/28/2017 1:15:24 PM



#73
 Di-n-butylphthalate
 Concen: 48.43 ng
 RT: 18.76 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion:	149	Resp:	475171
Ion Ratio	Lower	Upper	
149	100		
150	9.3	9.1	13.7
104	6.7	6.7	10.1





#74

Fluoranthene

Concen: 48.90 ng

RT: 19.87 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :

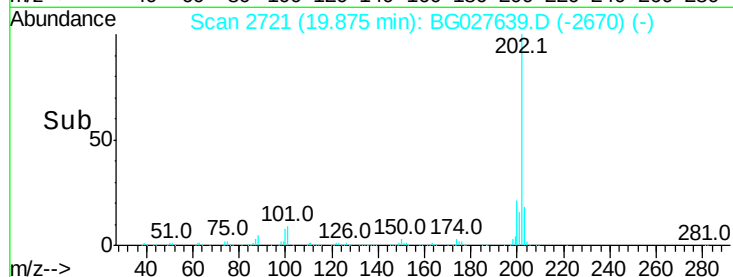
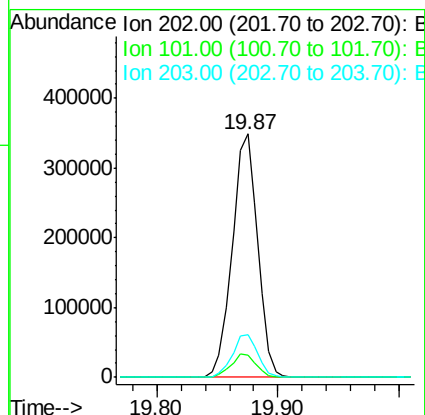
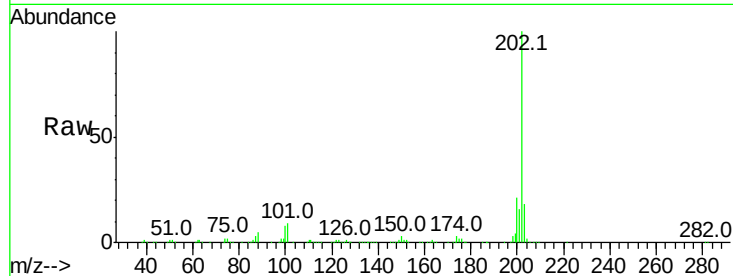
BNA_G

ClientSampleId :

CL-01-062217-AMS

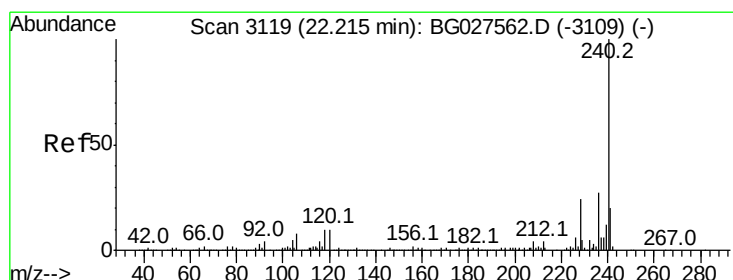
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	30.1
203	17.6	1.3	41.3

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#75

Chrysene-d12

Concen: 20.00 ng

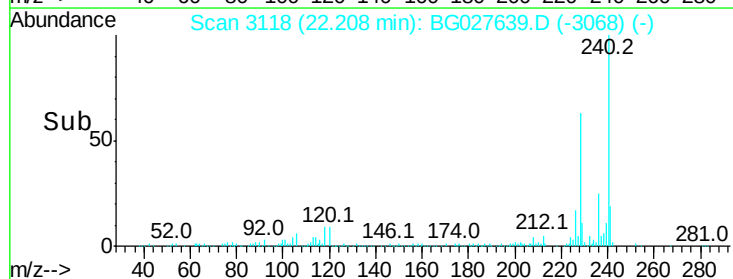
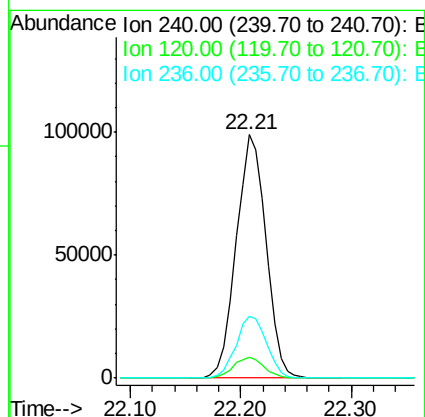
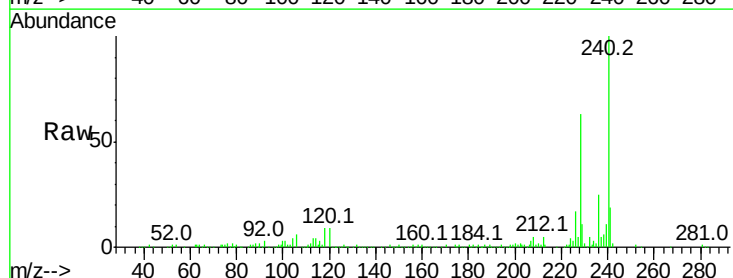
RT: 22.21 min Scan# 3118

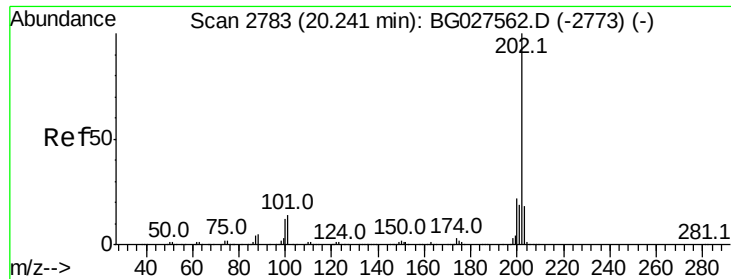
Delta R.T. -0.01 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	5.7	8.5#
236	25.5	22.2	33.4



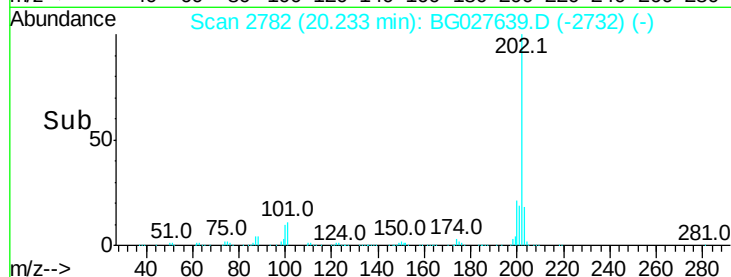
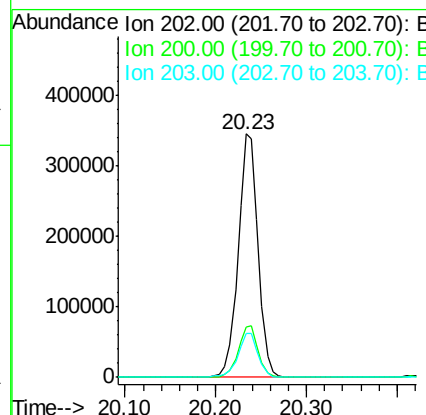
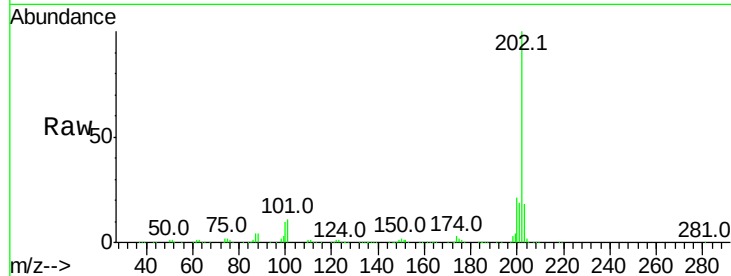


#77
Pvrene
Concen: 46.07 ng
RT: 20.23 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

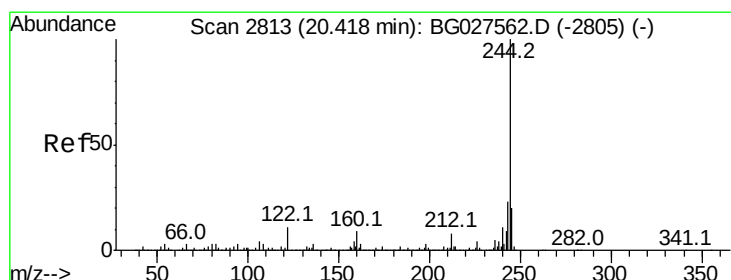
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	19.6	29.4
203	17.8	15.8	23.8

Manual Integrations
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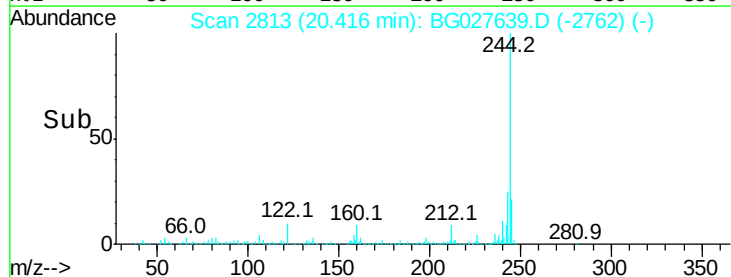
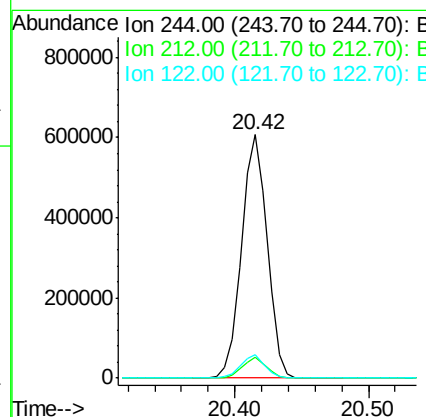
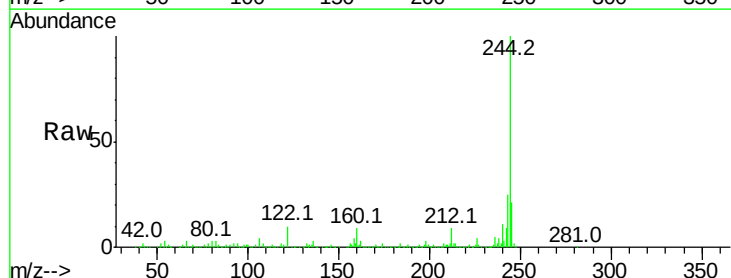
mohammad

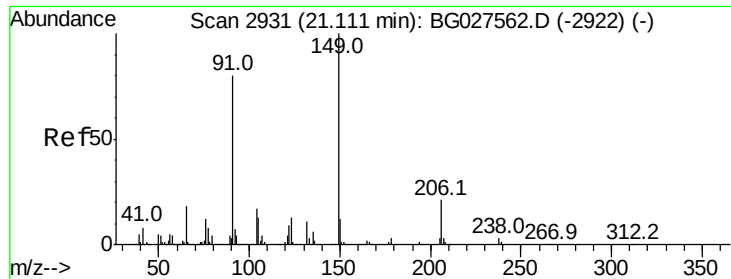
6/28/2017 1:15:24 PM



#78
Terphenyl-d14
Concen: 101.04 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	9.7	8.6	12.8



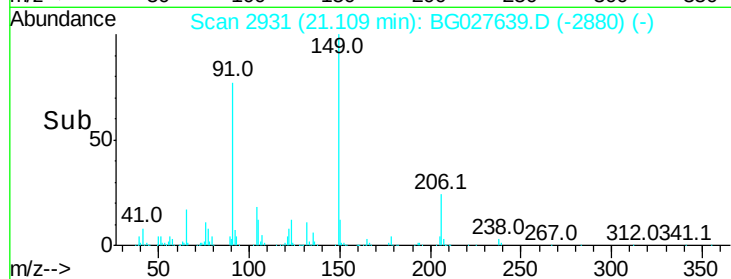
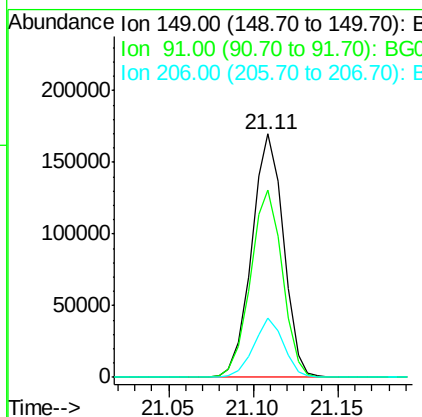
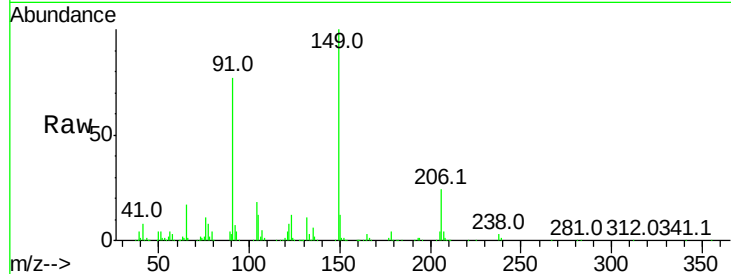


#79
Butylbenzylphthalate
Concen: 46.75 ng
RT: 21.11 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

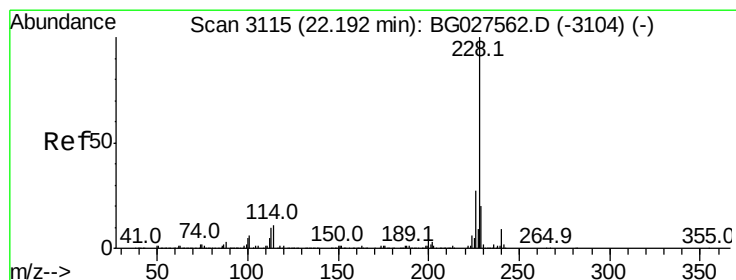
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.5	95.3
206	24.2	21.0	31.6

Manual Integrations
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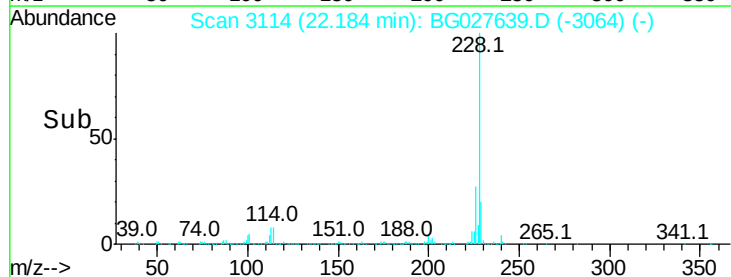
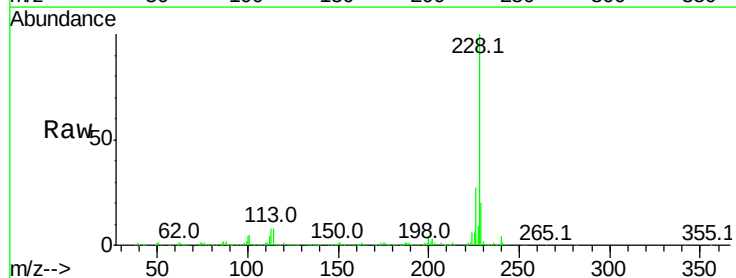
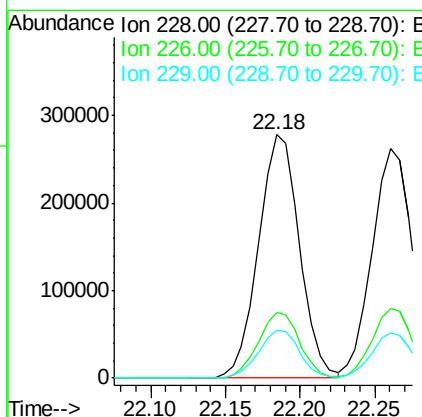
mohammad

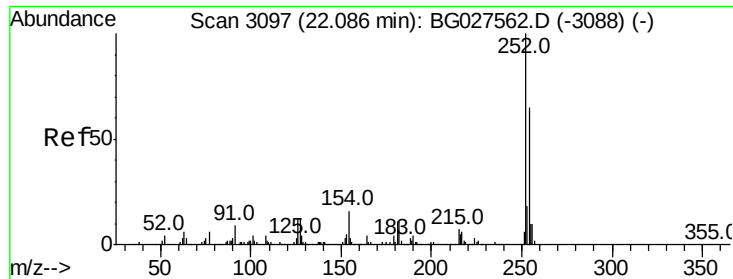
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#80
Benzo(a)anthracene
Concen: 46.92 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.9	37.3
229	19.8	18.2	27.2



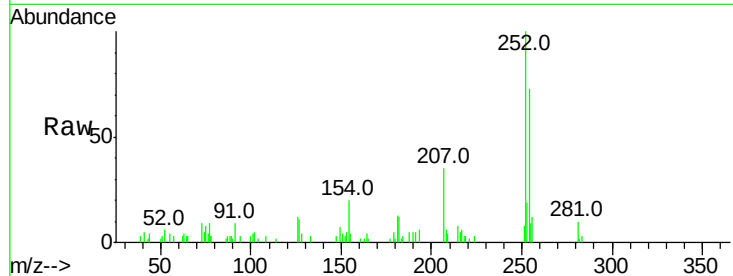


#81
 3,3'-Dichlorobenzidine
 Concen: 4.49 ng
 RT: 22.08 min Scan# 3097
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

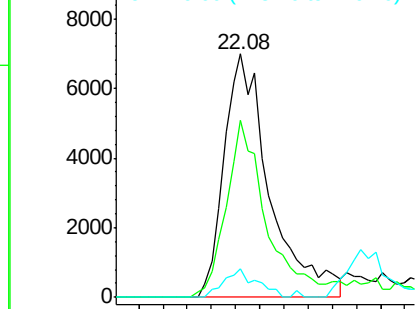
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	72.6	53.1	79.7
126	11.7	7.0	10.4

Manual Integrations
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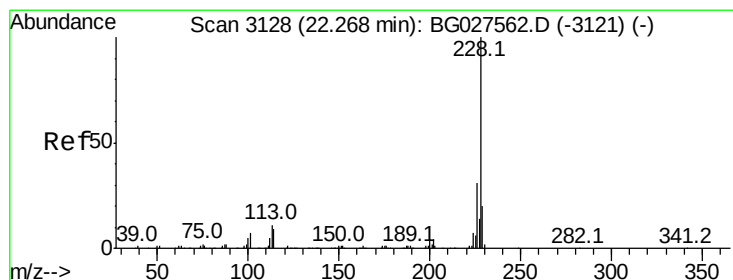
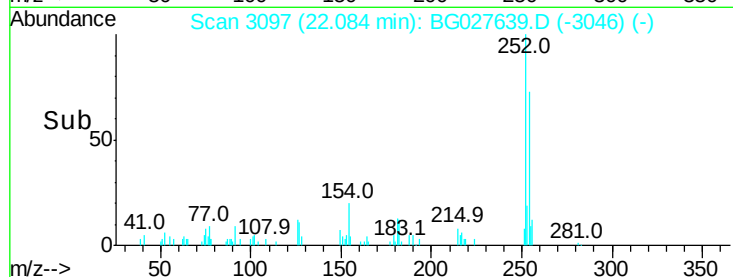


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



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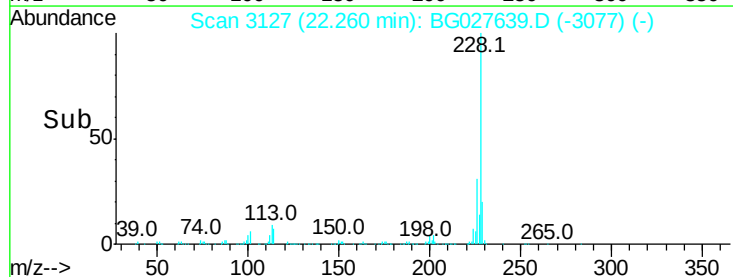
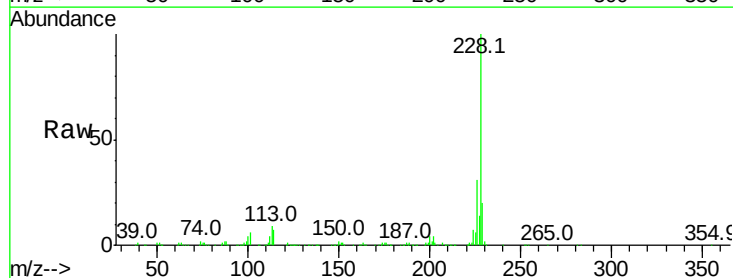
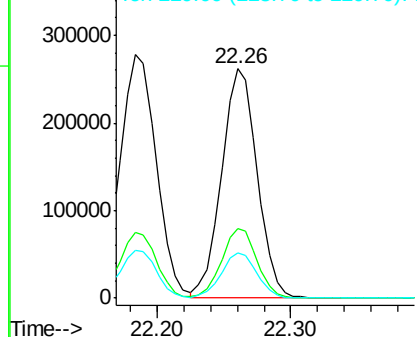
6/28/2017 1:15:24 PM

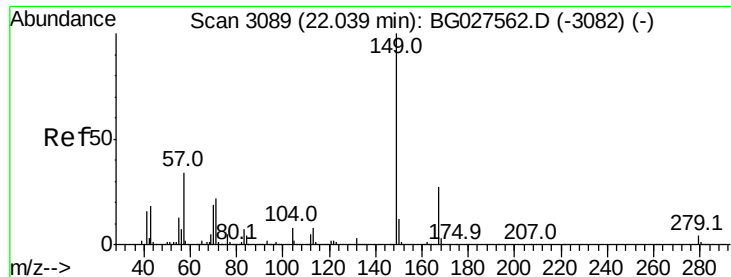


#82
 Chrysene
 Concen: 45.74 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	27.0	40.4
229	19.9	17.8	26.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



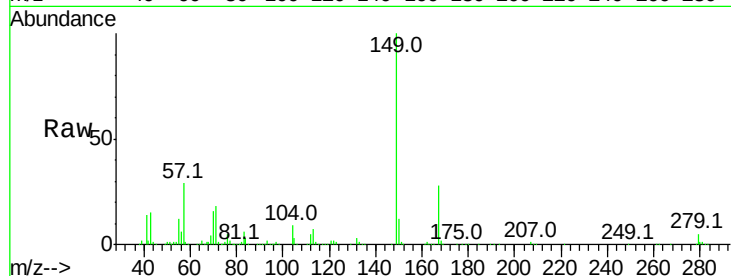


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.40 ng
 RT: 22.04 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

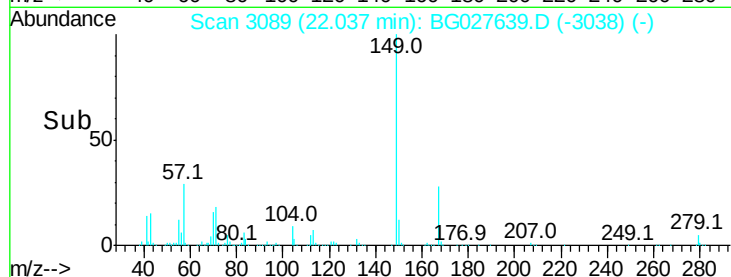
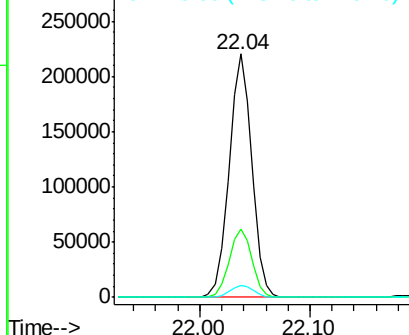
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.2	23.7	35.5	
279	5.0	4.6	6.8	

Manual Integrations
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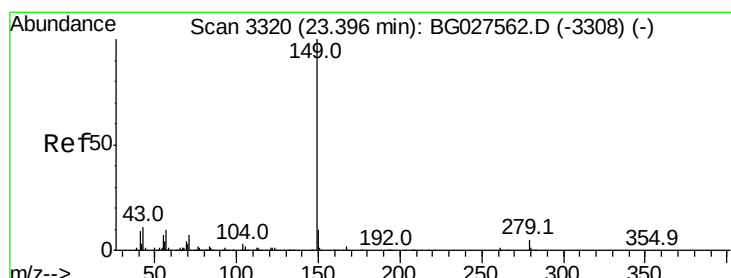


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



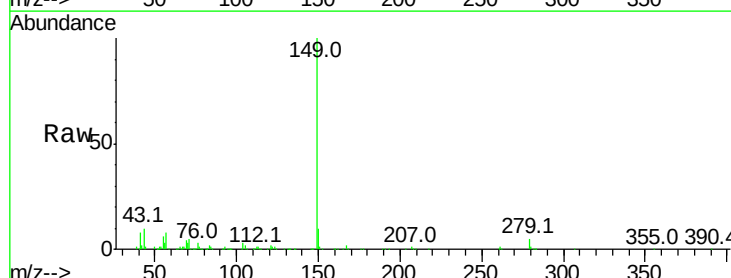
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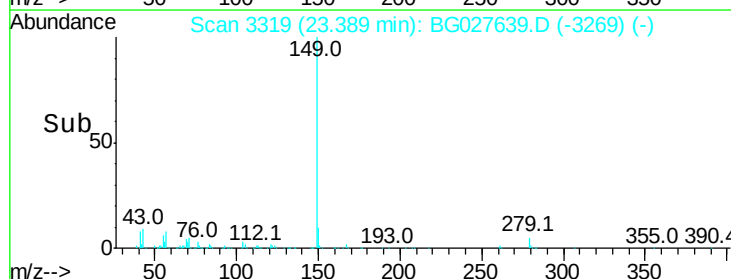
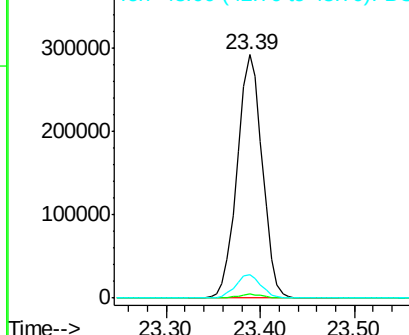


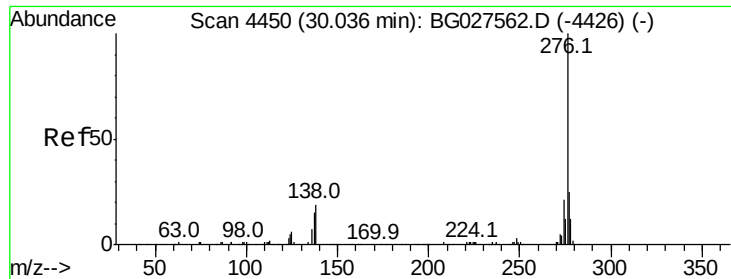
#84
 Di-n-octyl phthalate
 Concen: 46.61 ng
 RT: 23.39 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.4	2.2	
43	9.9	11.8	17.6	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO



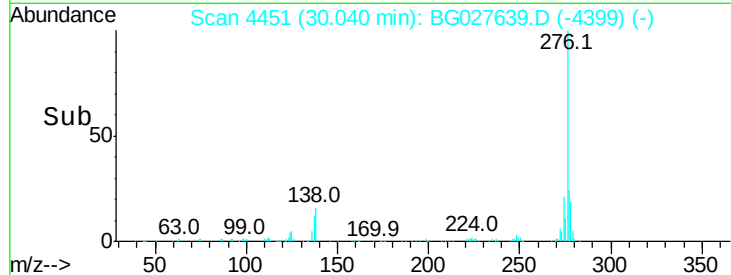
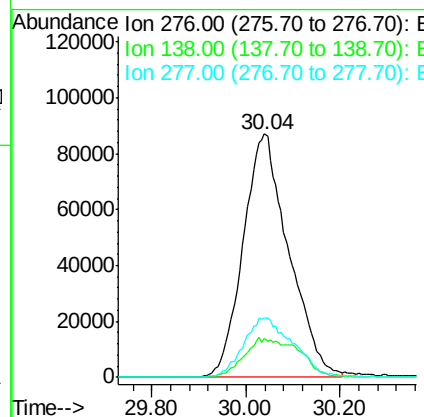
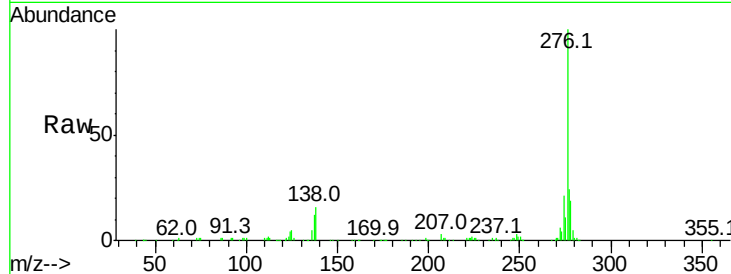


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.17 ng
 RT: 30.04 min Scan# 4451
 Delta R.T. 0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

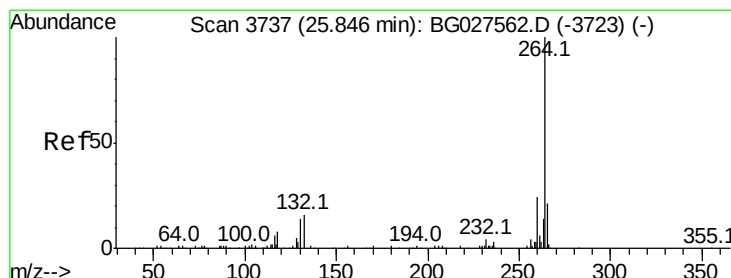
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.8	4.7	7.1
277	26.6	20.6	31.0

Manual Integrations
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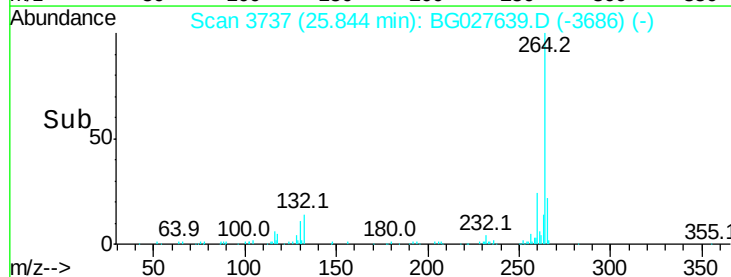
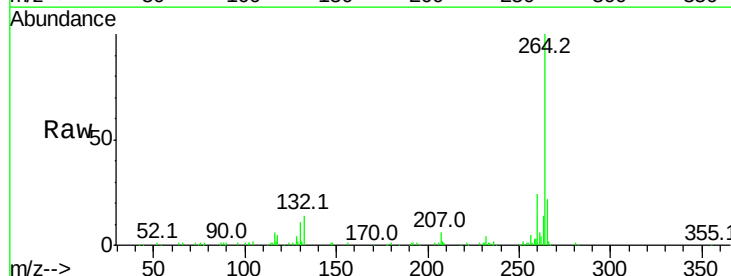
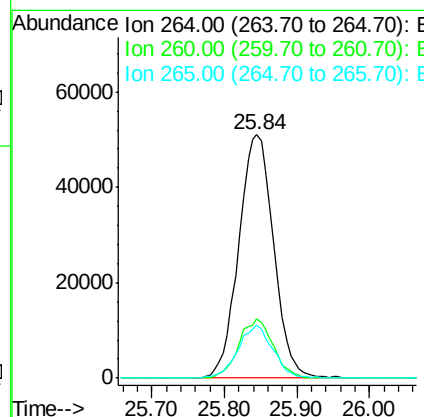
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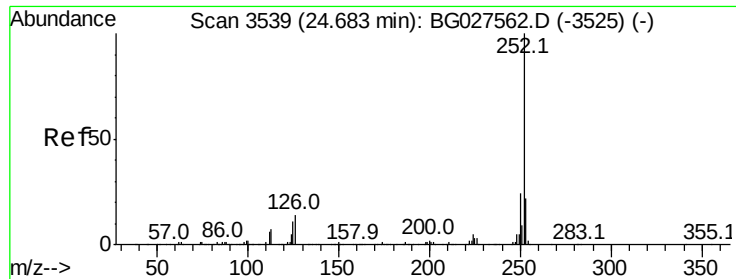
6/28/2017 1:15:24 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3737
 Delta R.T. -0.00 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.8	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 47.62 ng

RT: 24.68 min Scan# 3539

Delta R.T. -0.00 min

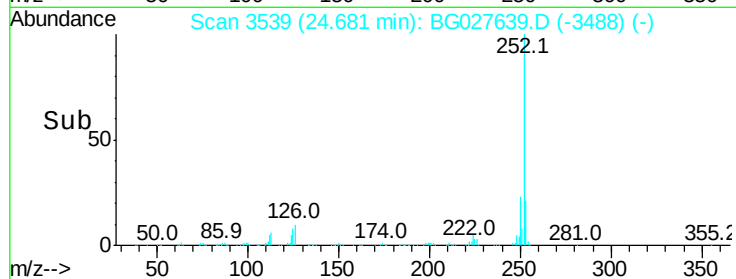
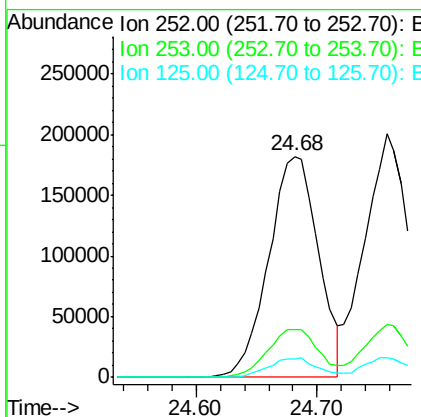
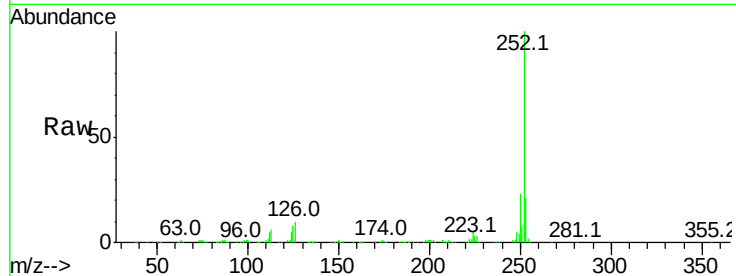
Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

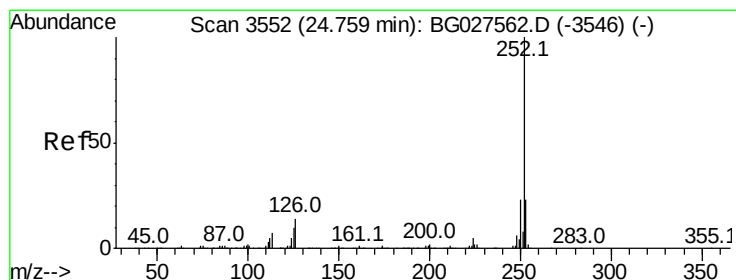
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.7	28.1
125	8.2	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 48.88 ng

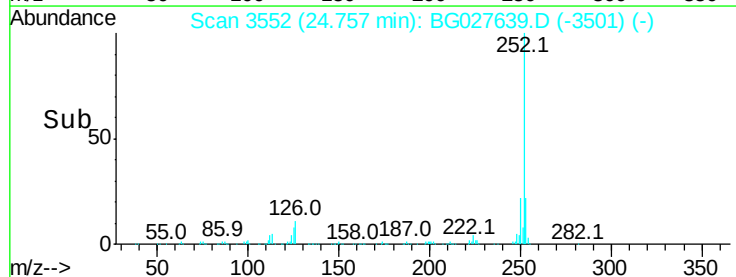
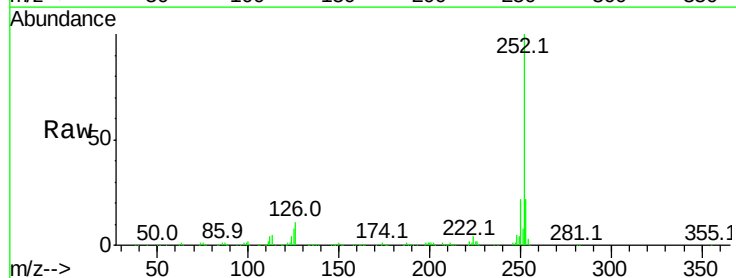
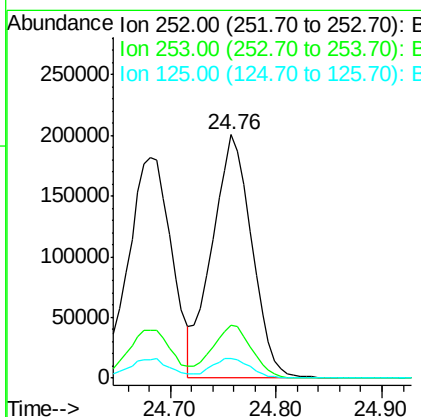
RT: 24.76 min Scan# 3552

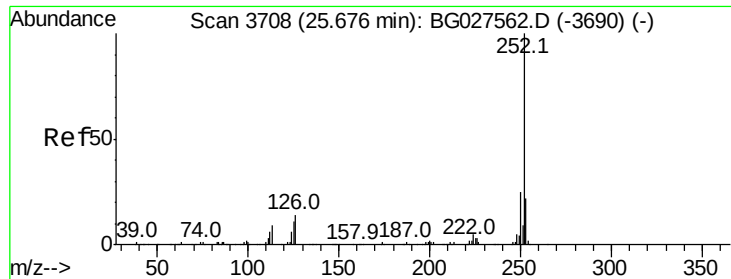
Delta R.T. -0.00 min

Lab File: BG027639.D

Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.2	30.2
125	8.1	5.1	7.7#



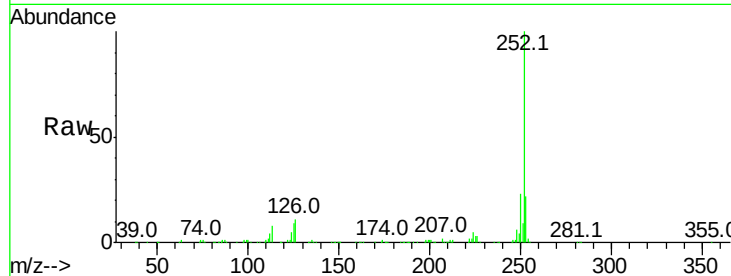


#89
Benzo(a)pyrene
Concen: 48.51 ng
RT: 25.67 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

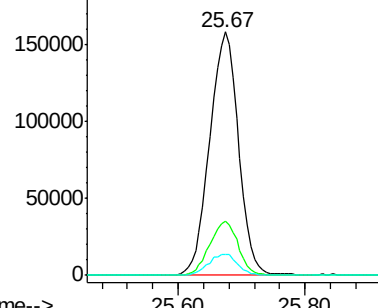
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	8.8	5.4	8.0

Manual Integrations
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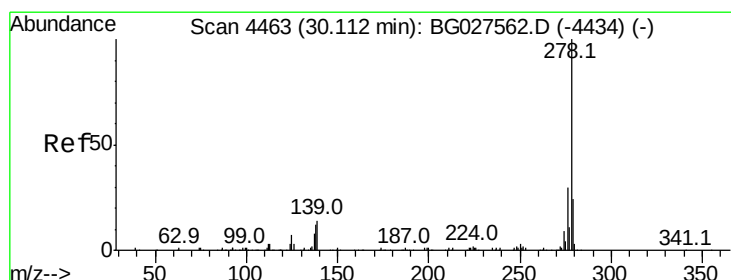
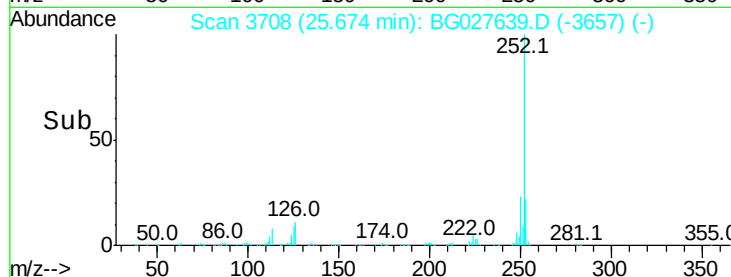


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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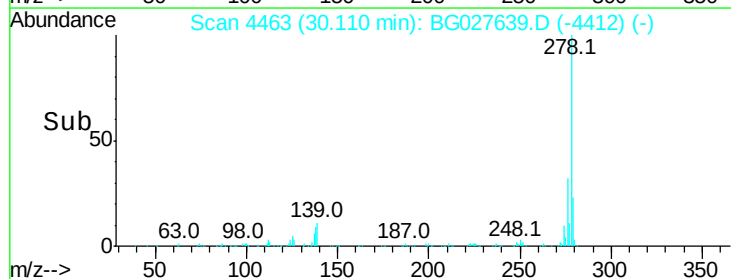
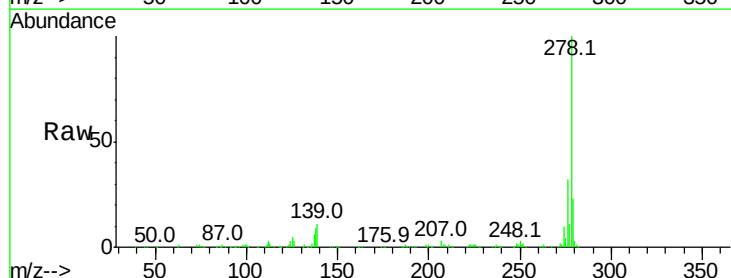
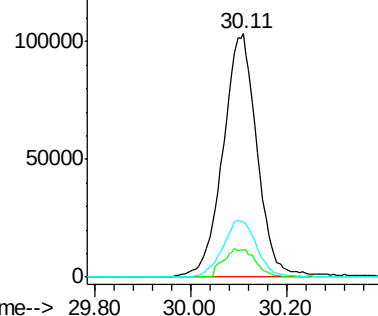
6/28/2017 1:15:24 PM

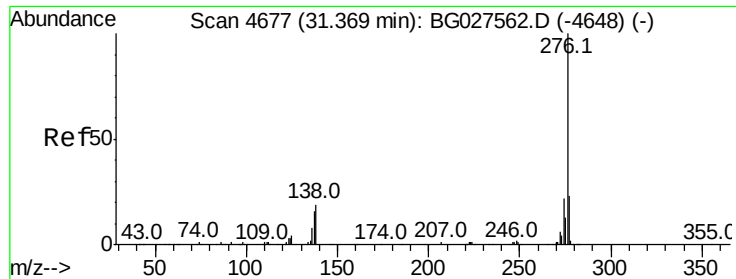


#90
Dibenzo(a,h)anthracene
Concen: 48.57 ng
RT: 30.11 min Scan# 4463
Delta R.T. -0.00 min
Lab File: BG027639.D
Acq: 23 Jun 2017 20:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	7.7	11.5
279	22.6	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



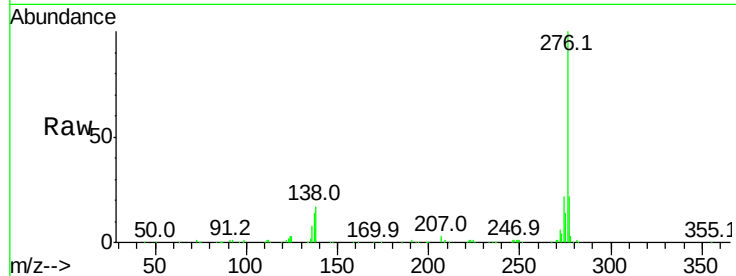


#91
 Benzo(a,h,i)perylene
 Concen: 46.25 ng
 RT: 31.36 min Scan# 4675
 Delta R.T. -0.01 min
 Lab File: BG027639.D
 Acq: 23 Jun 2017 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	16.9	8.1	12.1#

Manual Integrations
 APPROVED

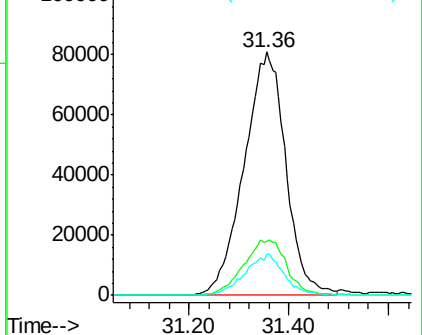
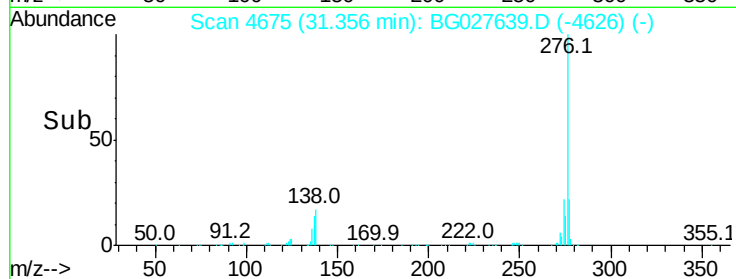


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



mohammad

6/28/2017 1:15:24 PM