

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027640.D
 Acq On : 23 Jun 2017 21:11
 Operator : SJ/JU
 Sample : I3868-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: Jun 24 02:20:57 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	18819	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87404	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	58418	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	160359	20.00	ng	0.00
75) Chrysene-d12	22.21	240	187619	20.00	ng	0.00
86) Perylene-d12	25.84	264	174288	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	170344	128.83	ng	0.00
7) Phenol-d6	7.65	99	218699	111.72	ng	0.00
23) Nitrobenzene-d5	9.67	82	164083	88.83	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	152303	174.88	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	379046	88.63	ng	0.00
78) Terphenyl-d14	20.41	244	789603	99.16	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	4.10	88	16727	32.58	ng	# 89
3) Pyridine	4.48	79	45091	27.13	ng	83
4) n-Nitrosodimethylamine	4.38	42	31790	41.91	ng	83
6) Aniline	7.83	93	48188	20.17	ng	96
8) 2-Chlorophenol	8.07	128	64624	46.19	ng	90
9) Benzaldehyde	7.65	77	31108	23.39	ng	96
10) Phenol	7.67	94	76466	38.35	ng	95
11) bis(2-Chloroethyl)ether	7.91	93	59178	37.92	ng	91
12) 1,3-Dichlorobenzene	8.40	146	57313	38.81	ng	99
13) 1,4-Dichlorobenzene	8.54	146	60185	40.36	ng	95
14) 1,2-Dichlorobenzene	8.86	146	57883	39.50	ng	94
15) Benzyl Alcohol	8.73	79	72087	46.12	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	82096	31.70	ng	87
17) 2-Methylphenol	8.93	107	58691	41.83	ng	93
18) Hexachloroethane	9.60	117	23008	39.35	ng	88
19) n-Nitroso-di-n-propylamine	9.30	70	56579	36.39	ng	# 86
20) 3+4-Methylphenols	9.25	107	78442	40.83	ng	95
22) Acetophenone	9.33	105	106022	44.23	ng	# 87
24) Nitrobenzene	9.71	77	86007	42.48	ng	# 91
25) Isophorone	10.22	82	160031	42.17	ng	97
26) 2-Nitrophenol	10.42	139	34669	46.29	ng	99
27) 2,4-Dimethylphenol	10.46	122	69161	48.90	ng	97
28) bis(2-Chloroethoxy)methane	10.70	93	87577	40.94	ng	98
29) 2,4-Dichlorophenol	10.96	162	64744	53.00	ng	96
30) 1,2,4-Trichlorobenzene	11.18	180	62481	44.74	ng	95
31) Naphthalene	11.38	128	201101	42.57	ng	99
32) Benzoic acid	10.58	122	41949	42.68	ng	97
34) Hexachlorobutadiene	11.65	225	39353	46.63	ng	96
35) Caprolactam	12.25	113	21257m	37.34	ng	
36) 4-Chloro-3-methylphenol	12.56	107	96443	51.48	ng	99
37) 2-Methylnaphthalene	12.94	142	155014	45.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	83030	45.32	ng	97
40) Hexachlorocyclopentadiene	13.27	237	107452	109.43	ng	95
42) 2,4,6-Trichlorophenol	13.53	196	62010	52.38	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.60	196	70557	50.72	nq	99
45) 1,1'-Biphenyl	13.93	154	213703	43.87	nq	97
46) 2-Chloronaphthalene	13.97	162	161861	44.68	nq	93
47) 2-Nitroaniline	14.17	65	74299	45.68	nq	96
48) Acenaphthylene	14.81	152	268916	42.36	nq	98
49) Dimethylphthalate	14.53	163	248801	48.64	nq	97
50) 2,6-Dinitrotoluene	14.65	165	55519	50.02	nq	97
51) Acenaphthene	15.15	154	181805	41.10	nq	98
52) 3-Nitroaniline	14.99	138	14619	12.48	nq	# 98
53) 2,4-Dinitrophenol	15.19	184	72468	115.52	nq	# 81
54) Dibenzofuran	15.48	168	278511	48.34	nq	97
55) 4-Nitrophenol	15.28	139	87601	89.31	nq	# 82
56) 2,4-Dinitrotoluene	15.44	165	82878	52.66	nq	# 96
57) Fluorene	16.14	166	246202	45.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.71	232	71715	58.55	nq	92
59) Diethylphthalate	15.88	149	273688	49.04	nq	96
60) 4-Chlorophenyl-phenylether	16.11	204	126924	47.27	nq	97
61) 4-Nitroaniline	16.15	138	55757	43.38	nq	87
62) Azobenzene	16.41	77	269069	47.02	nq	96
64) 4,6-Dinitro-2-methylphenol	16.20	198	50202	49.30	nq	80
65) n-Nitrosodiphenylamine	16.33	169	223491	45.46	nq	99
66) 4-Bromophenyl-phenylether	17.01	248	85873	48.69	nq	# 89
67) Hexachlorobenzene	17.14	284	92753	49.21	nq	92
68) Atrazine	17.26	200	76123	42.27	nq	99
69) Pentachlorophenol	17.48	266	119955	102.46	nq	96
70) Phenanthrene	17.88	178	417789	45.80	nq	95
71) Anthracene	17.97	178	428215	46.62	nq	96
72) Carbazole	18.24	167	377899	42.23	nq	95
73) Di-n-butylphthalate	18.76	149	478894	47.77	nq	# 95
74) Fluoranthene	19.87	202	505962	47.61	nq	95
77) Pyrene	20.24	202	521976	45.77	nq	95
79) Butylbenzylphthalate	21.11	149	221931	46.62	nq	96
80) Benzo(a)anthracene	22.19	228	516094	45.85	nq	94
81) 3,3'-Dichlorobenzidine	22.08	252	69047	16.96	nq	# 96
82) Chrysene	22.26	228	483872	45.36	nq	95
83) Bis(2-ethylhexyl)phthalate	22.03	149	314292	45.04	nq	97
84) Di-n-octyl phthalate	23.39	149	538211	46.37	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.04	276	588176	48.39	nq	# 92
87) Benzo(b)fluoranthene	24.68	252	523247m	46.96	nq	
88) Benzo(k)fluoranthene	24.76	252	499412	45.81	nq	95
89) Benzo(a)pyrene	25.68	252	492806	46.86	nq	# 95
90) Dibenzo(a,h)anthracene	30.11	278	500381	46.71	nq	99
91) Benzo(g,h,i)perylene	31.35	276	475525	45.70	nq	# 93

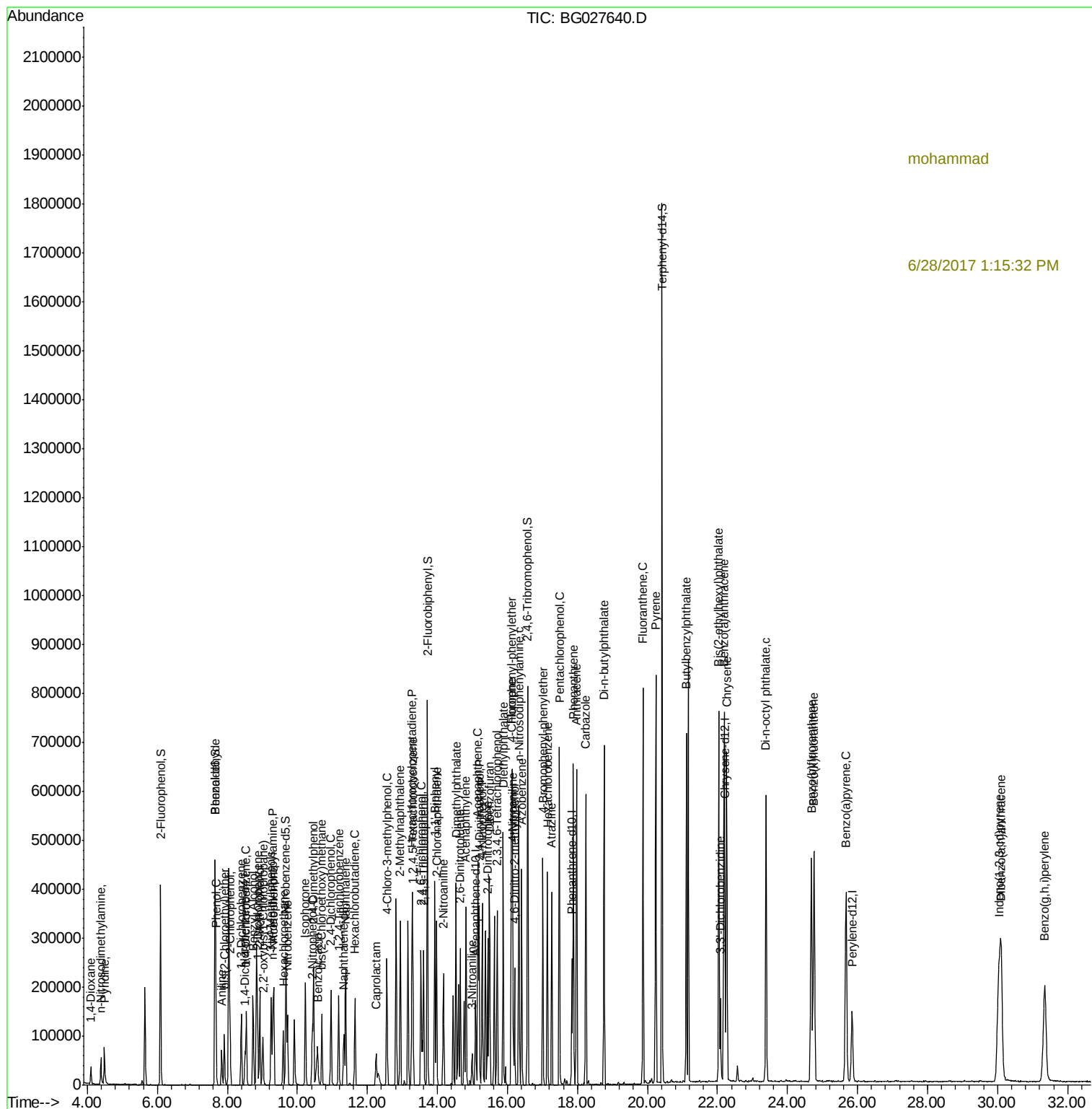
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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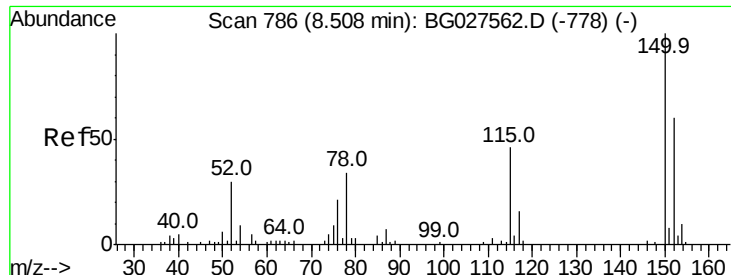
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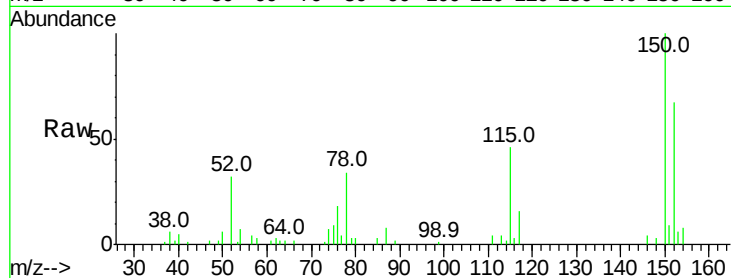
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	114.0	171.0
115	69.0	48.1	72.1

Manual Integrations
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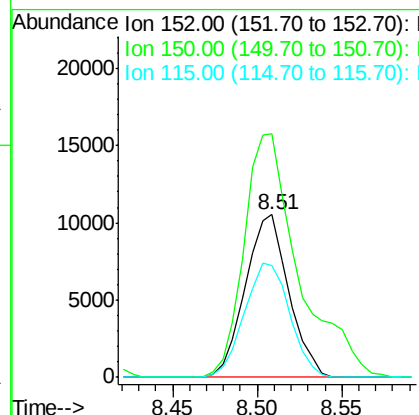
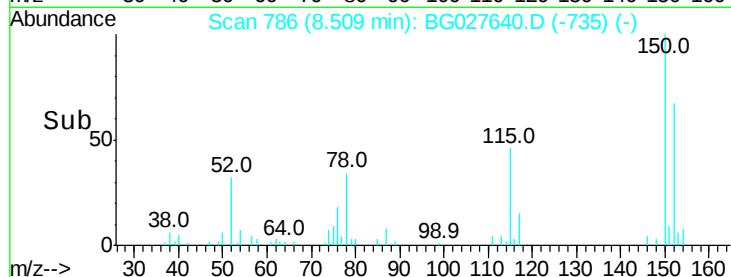


Abundance

Ion 152.00 (151.70 to 152.70): E

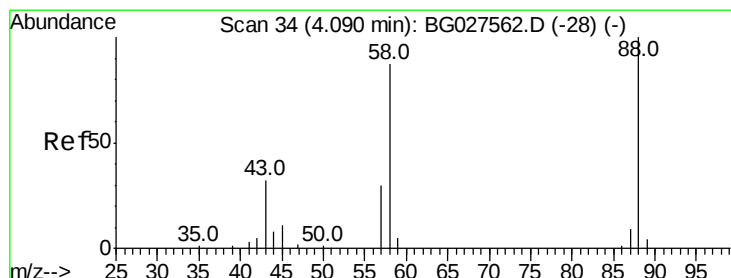
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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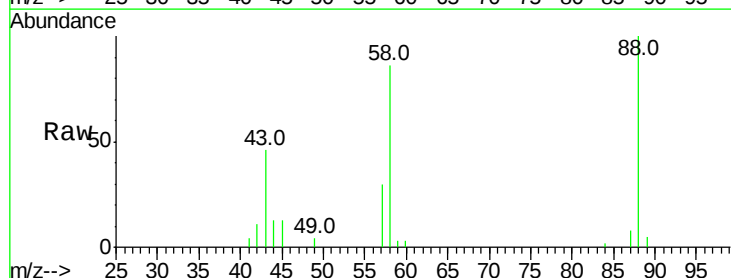
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#2

1,4-Dioxane
Concen: 32.58 ng
RT: 4.10 min Scan# 36
Delta R.T. 0.01 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	79.4	119.2
43	54.0	33.8	50.6

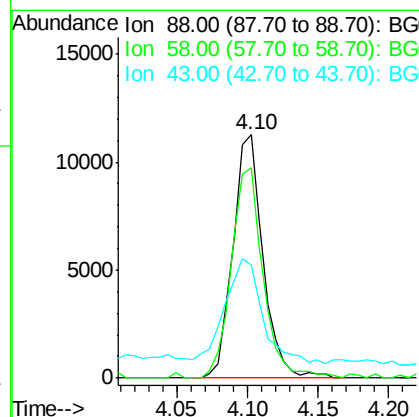
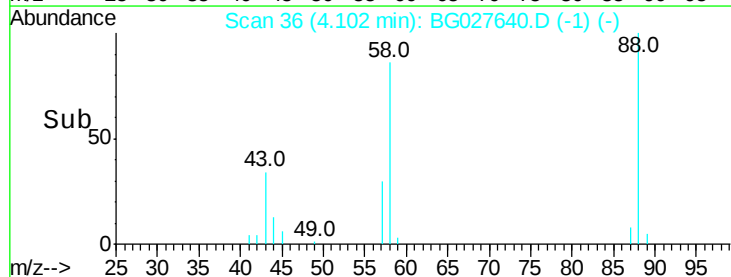


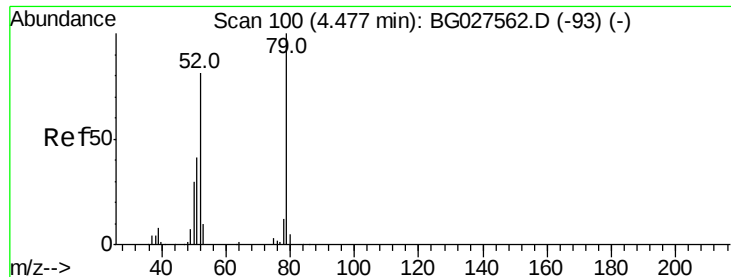
Abundance

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: 27.13 ng

RT: 4.48 min Scan# 101

Delta R.T. 0.01 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-AMSD

Tot Ion: 79 Resp: 45091

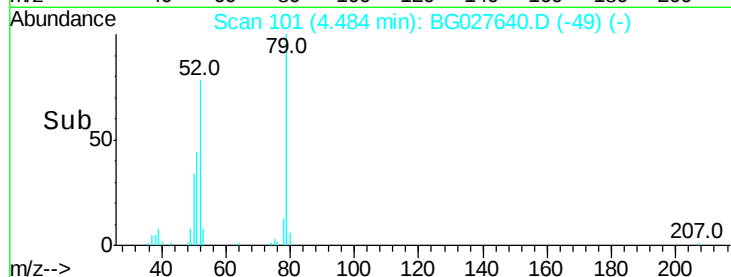
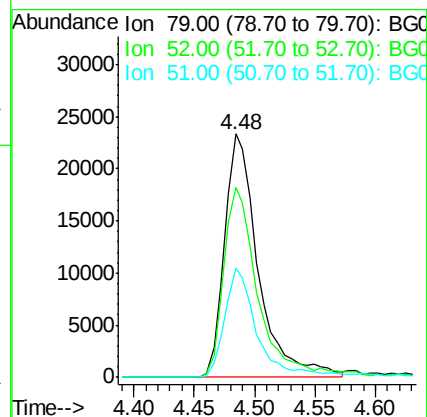
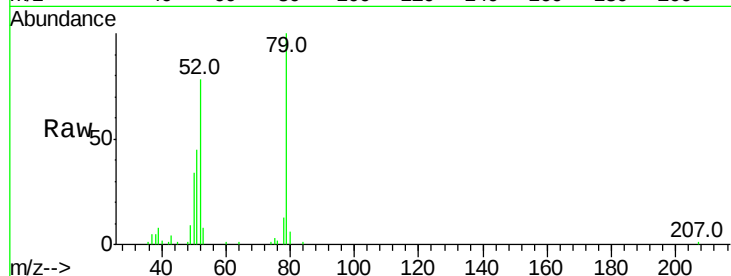
Ion Ratio Lower Upper

79 100

52 77.9 77.8 116.6

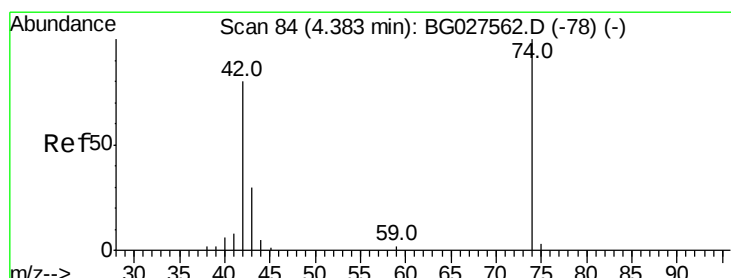
51 44.8 43.2 64.8

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#4

n-Nitrosodimethylamine

Concen: 41.91 ng

RT: 4.38 min Scan# 84

Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

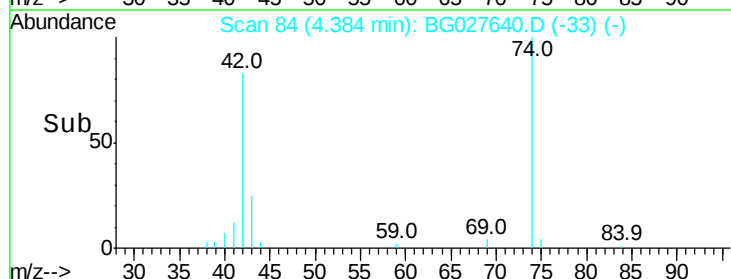
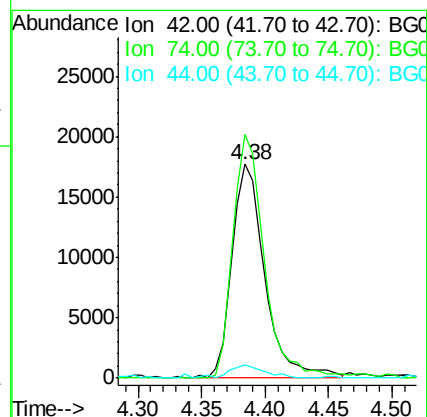
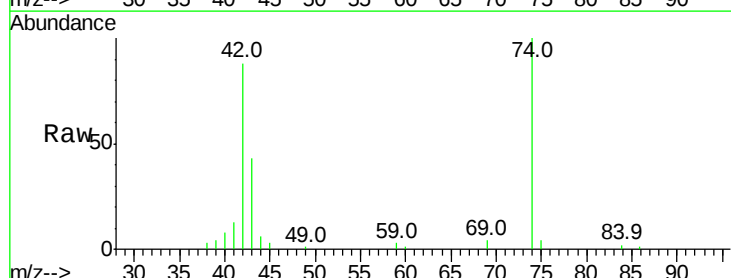
Tgt Ion: 42 Resp: 31790

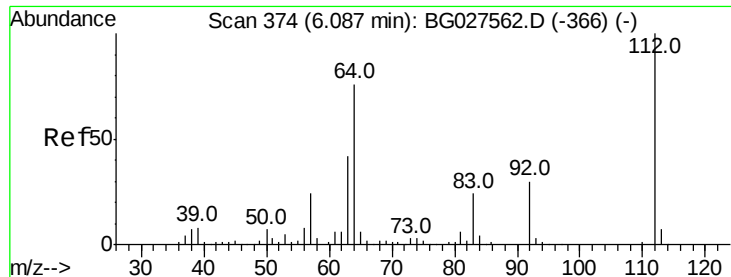
Ion Ratio Lower Upper

42 100

74 113.9 76.7 115.1

44 6.4 6.1 9.1





#5

2-Fluorophenol

Concen: 128.83 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

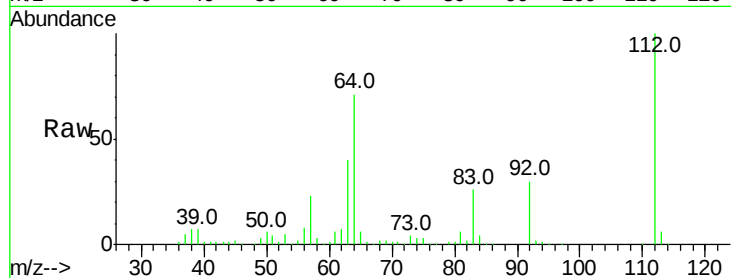
BNA_G

ClientSampleId :

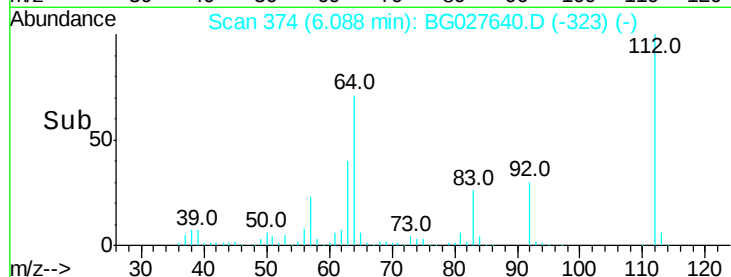
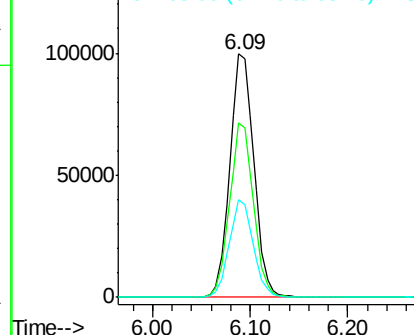
CL-01-062217-AMSD

Tot Ion:	112	Resp:	170344
Ion Ratio	Lower	Upper	
112	100		
64	71.5	61.8	92.6
63	40.1	37.2	55.8

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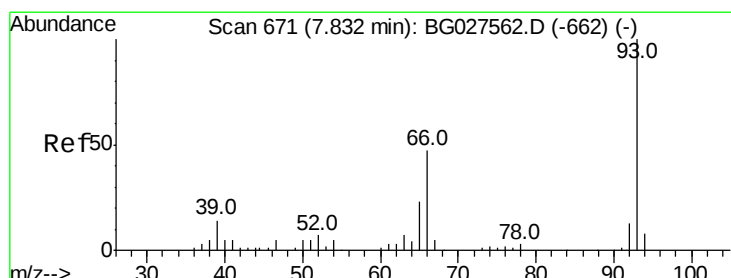


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 20.17 ng

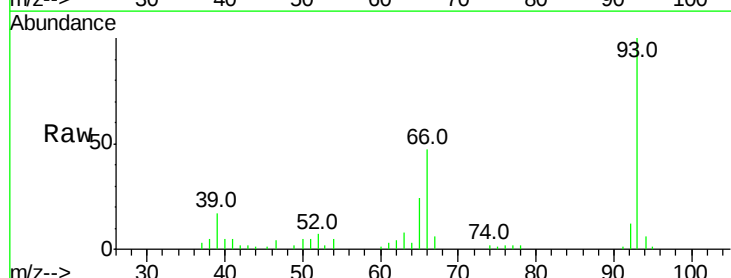
RT: 7.83 min Scan# 671

Delta R.T. 0.00 min

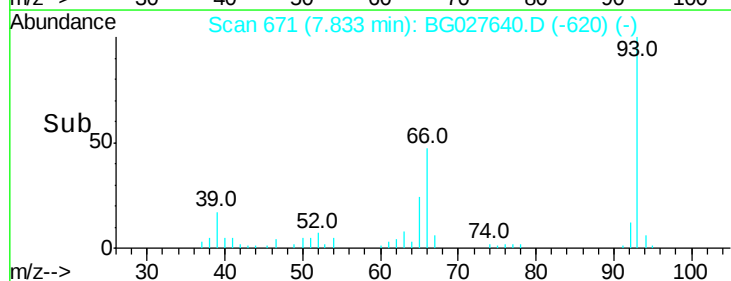
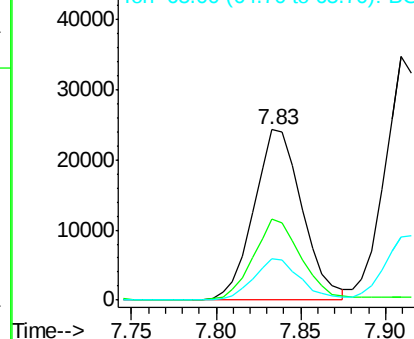
Lab File: BG027640.D

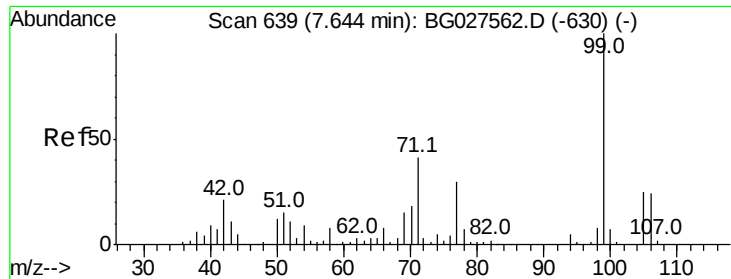
Acq: 23 Jun 2017 21:11

Tgt Ion:	93	Resp:	48188
Ion Ratio	Lower	Upper	
93	100		
66	47.3	35.4	53.2
65	24.5	21.2	31.8



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





#7

Phenol-d6

Concen: 111.72 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027640.D

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Tot Ion: 99 Resp: 218699

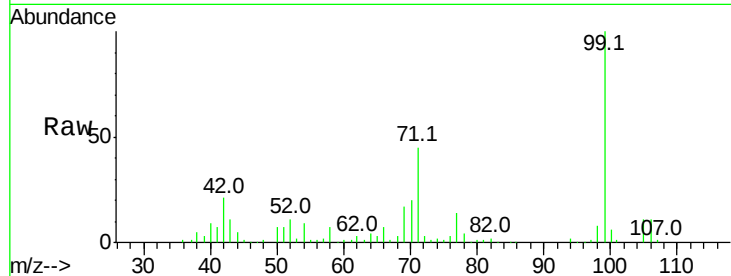
Ion Ratio Lower Upper

99 100

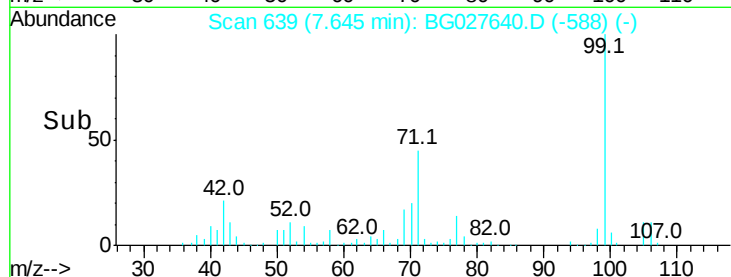
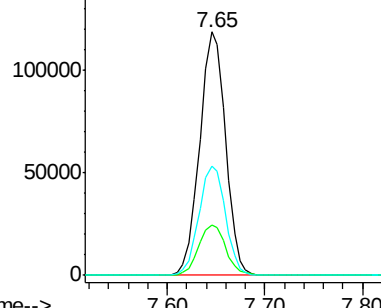
42 20.8 20.5 30.7

71 45.1 37.6 56.4

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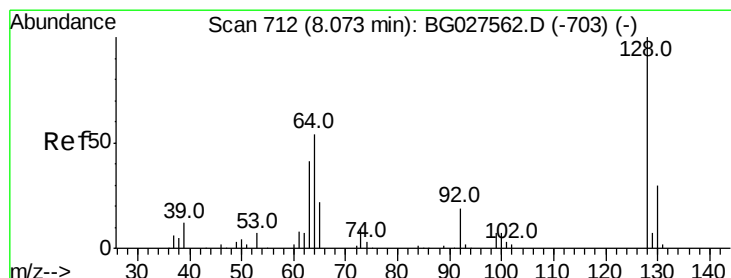


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 46.19 ng

RT: 8.07 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG027640.D

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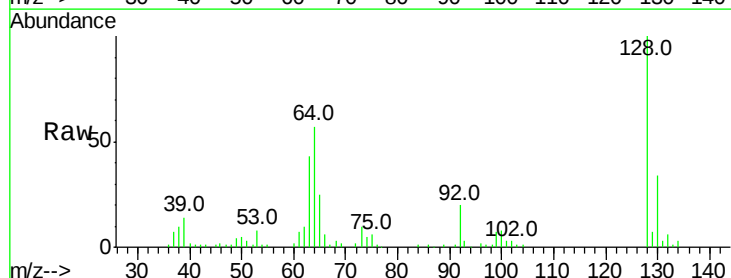
Tgt Ion: 128 Resp: 64624

Ion Ratio Lower Upper

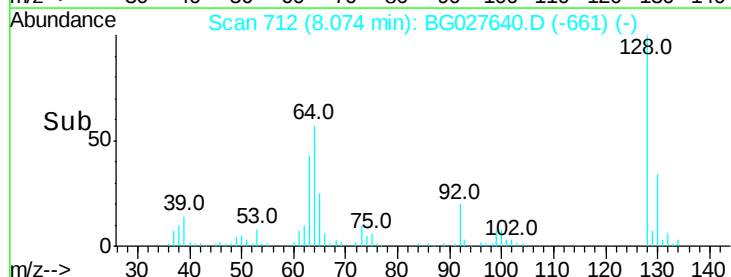
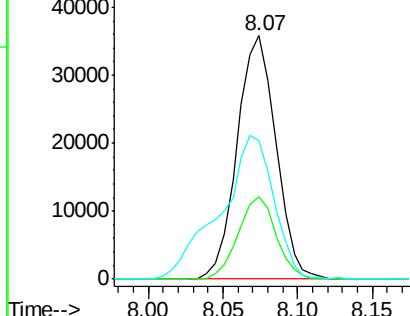
128 100

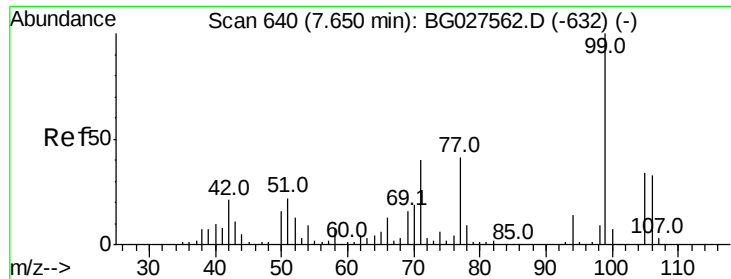
130 33.7 11.4 51.4

64 57.0 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



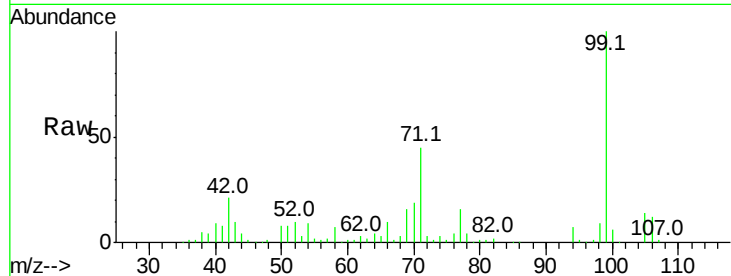


#9
Benzaldehyde
Concen: 23.39 ng
RT: 7.65 min Scan# 640
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

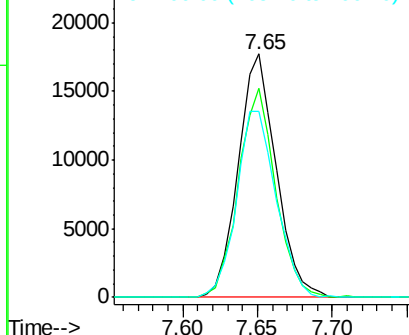
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Tot Ion	Ratio	Lower	Upper
77	100		
105	86.0	60.9	100.9
106	76.5	55.1	95.1

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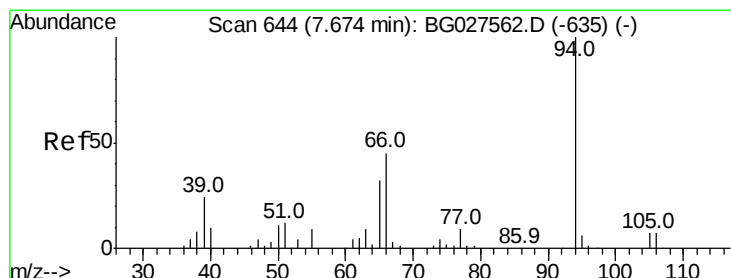
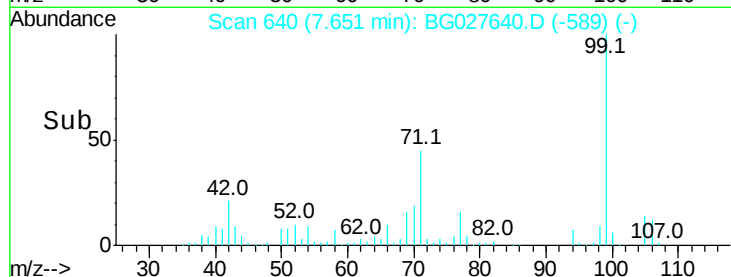


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



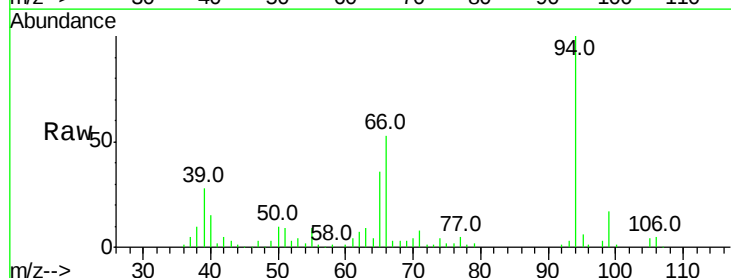
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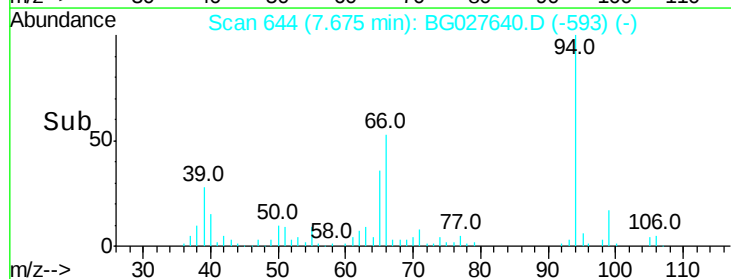
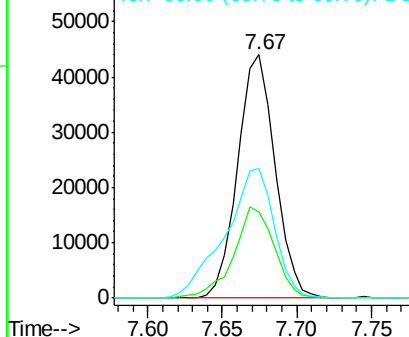


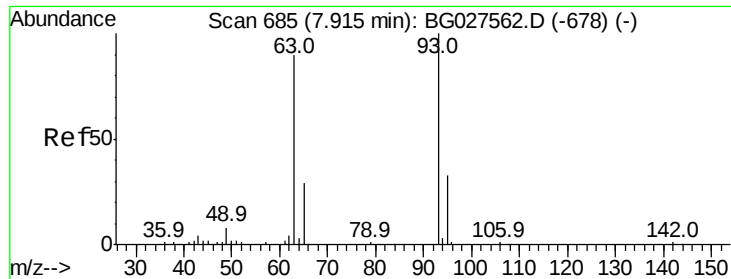
#10
Phenol
Concen: 38.35 ng
RT: 7.67 min Scan# 644
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	20.6	60.6
66	53.4	35.5	75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.92 ng

RT: 7.91 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

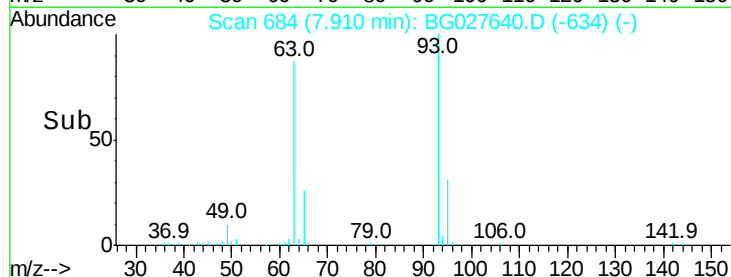
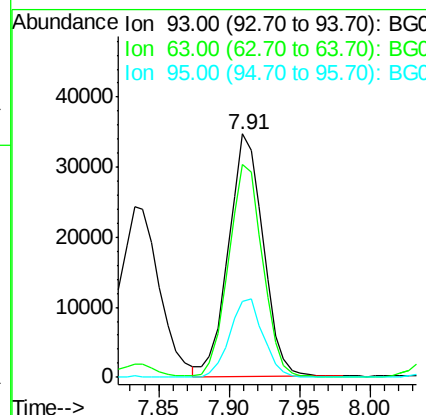
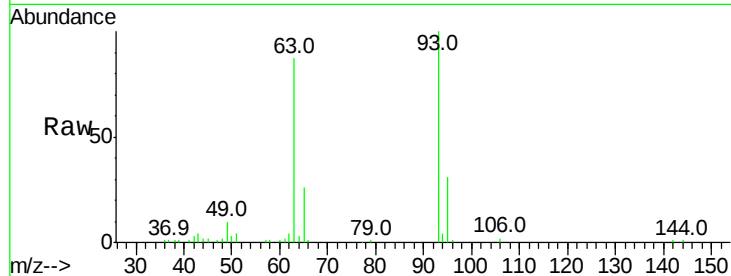
BNA_G

ClientSampleId :

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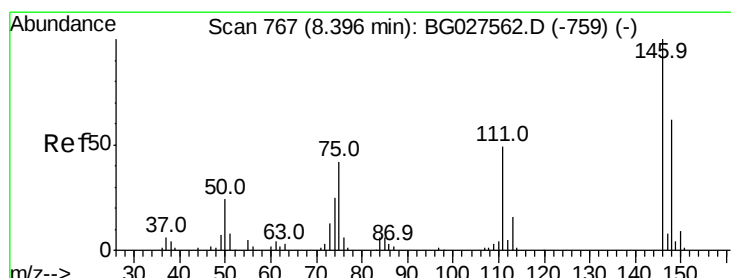
Tot Ion:	93	Resp:	59178
Ion	Ratio	Lower	Upper
93	100		
63	87.4	78.5	118.5
95	31.4	9.8	49.8

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#12

1,3-Dichlorobenzene

Concen: 38.81 ng

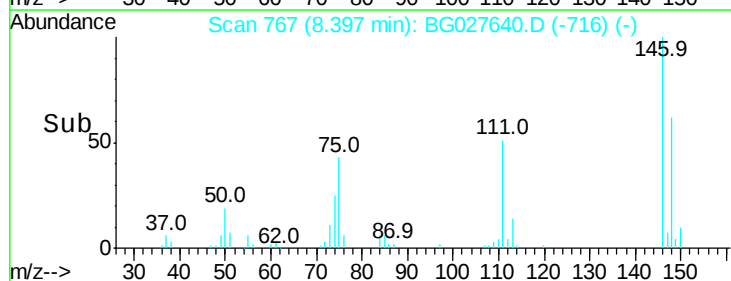
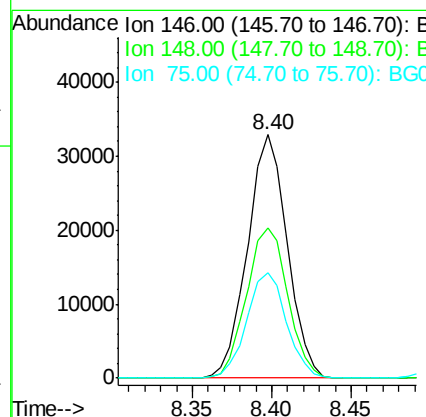
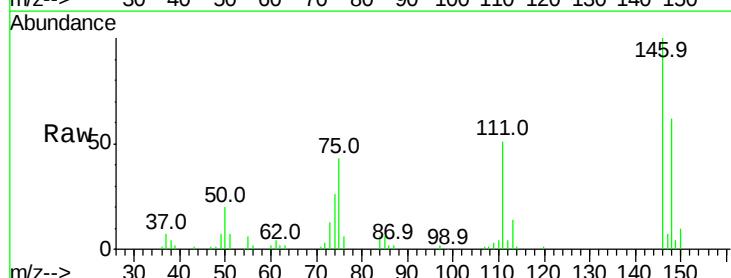
RT: 8.40 min Scan# 767

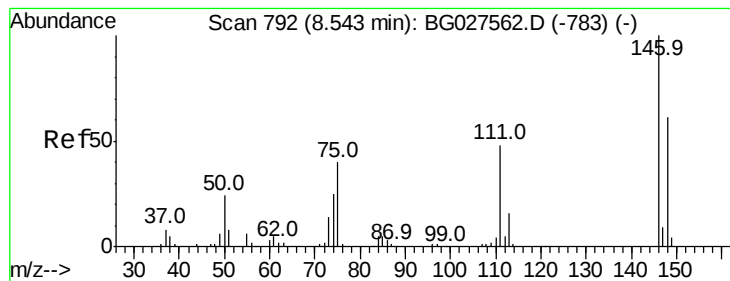
Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	146	Resp:	57313
Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.2	73.8
75	43.2	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 40.36 ng

RT: 8.54 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tot Ion:	146	Resp:	60185
Ion Ratio	Lower	Upper	
146	100		
148	59.2	52.2	78.2
111	46.1	37.0	55.6

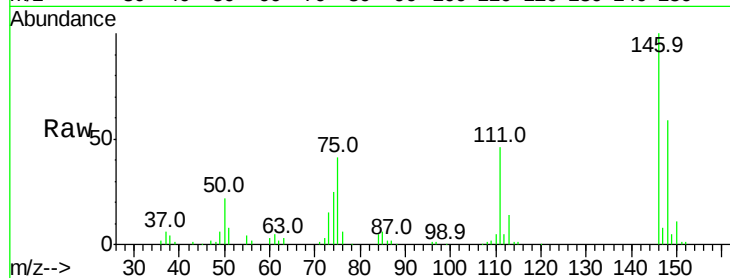
Instrument :

BNA_G

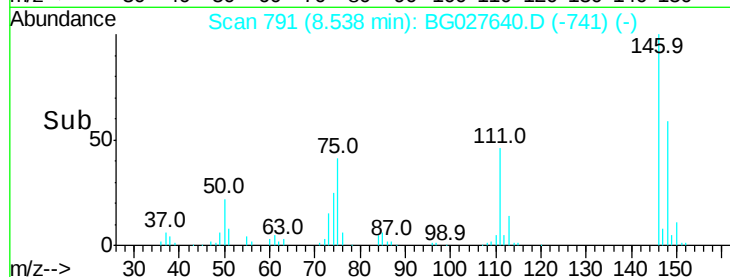
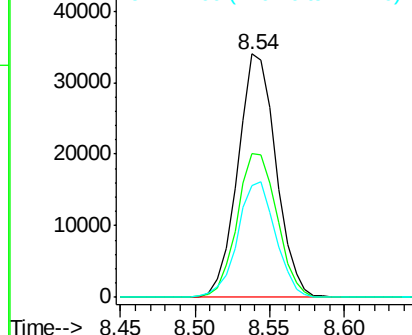
ClientSampleId :

CL-01-062217-AMSD

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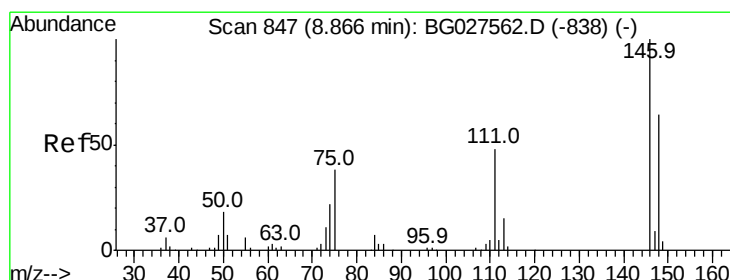


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 39.50 ng

RT: 8.86 min Scan# 846

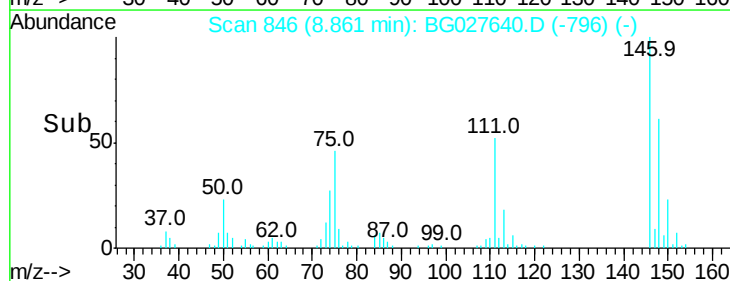
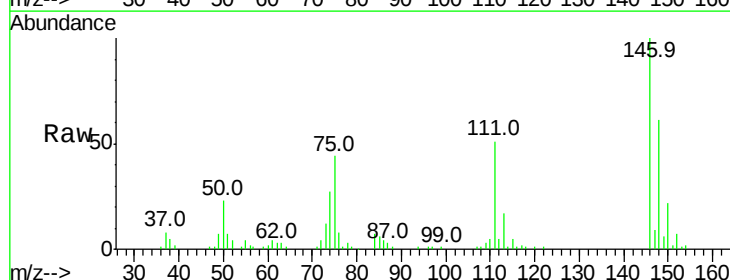
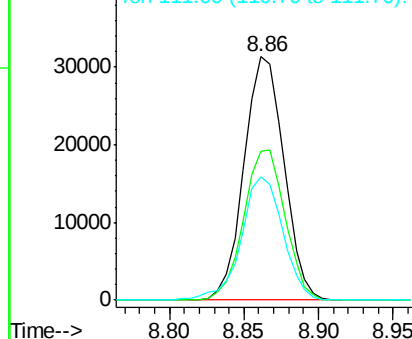
Delta R.T. -0.00 min

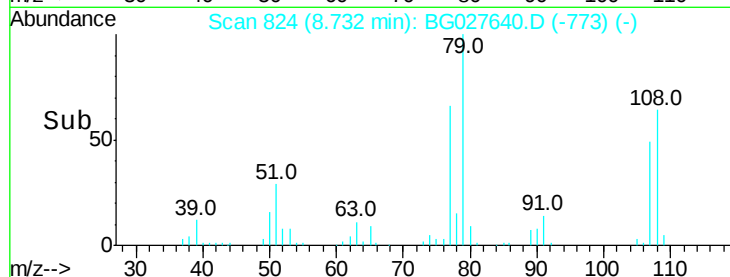
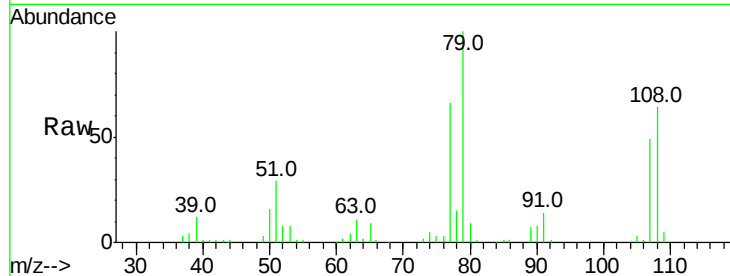
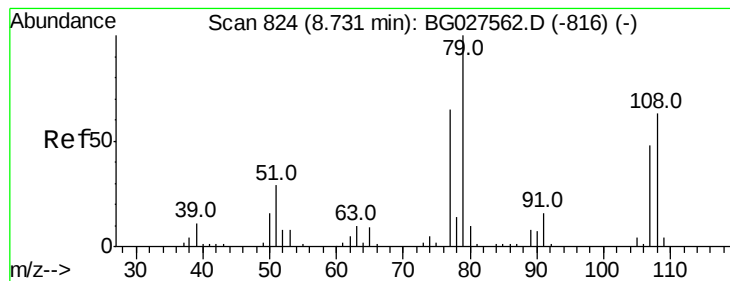
Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	146	Resp:	57883
Ion Ratio	Lower	Upper	
146	100		
148	61.0	54.6	81.8
111	50.7	39.7	59.5

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.12 ng

RT: 8.73 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tot Ion:	79	Resp:	72087
Ion Ratio	Lower	Upper	
79	100		
108	64.1	45.5	68.3
77	65.8	54.3	81.5

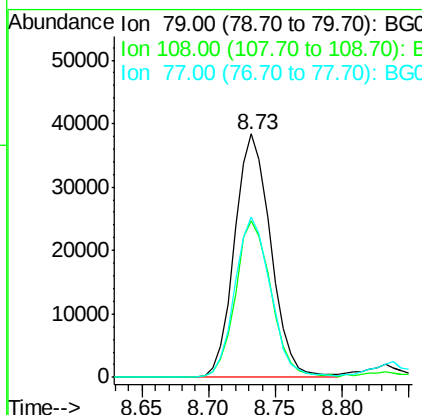
Instrument :

BNA_G

ClientSampleId :

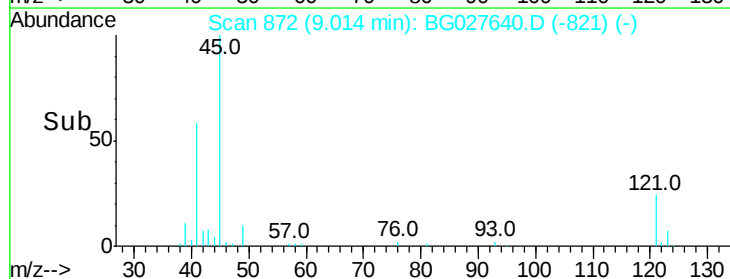
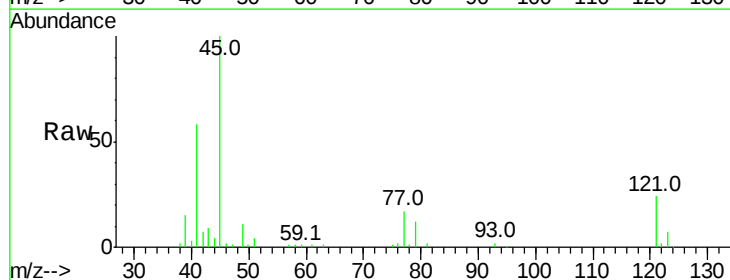
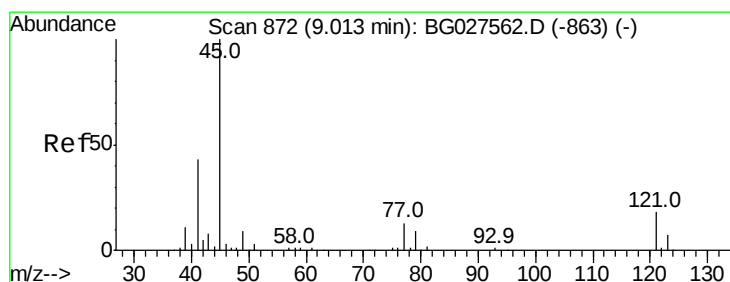
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.70 ng

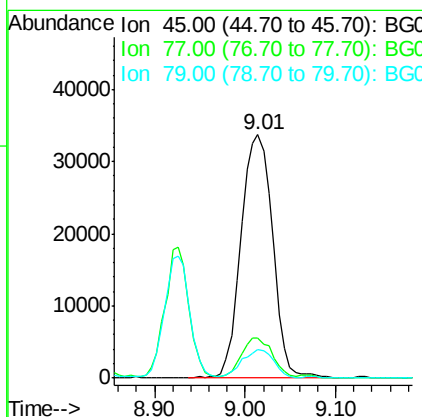
RT: 9.01 min Scan# 872

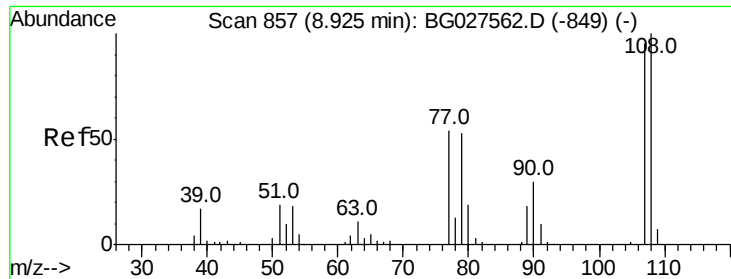
Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	45	Resp:	82096
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	30.6
79	11.9	0.0	28.5



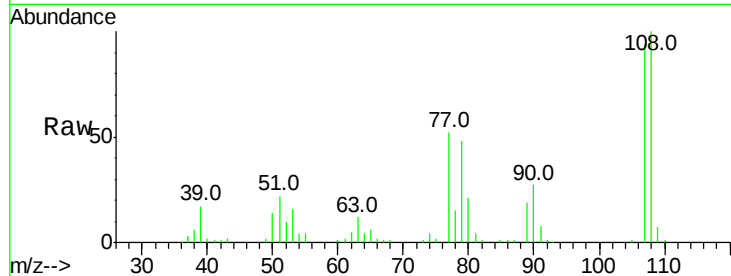


#17
2-Methylphenol
Concen: 41.83 ng
RT: 8.93 min Scan# 857
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

Tot Ion	107	Resp	58691
Ion	Ratio	Lower	Upper
107	100		
108	106.3	85.6	128.4
77	55.1	51.4	77.2
79	51.3	49.2	73.8

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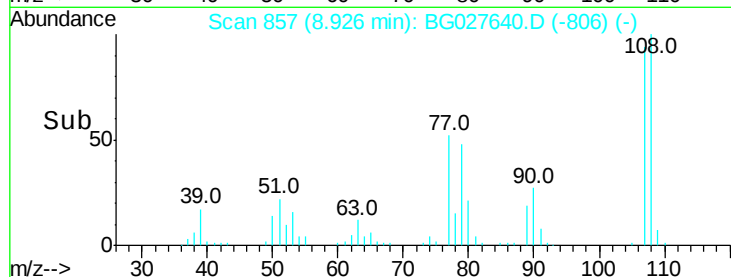
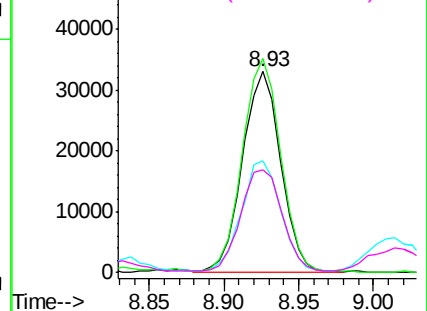
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

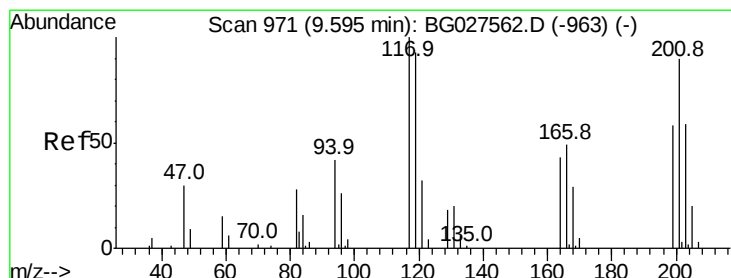
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



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#18
Hexachloroethane
Concen: 39.35 ng
RT: 9.60 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

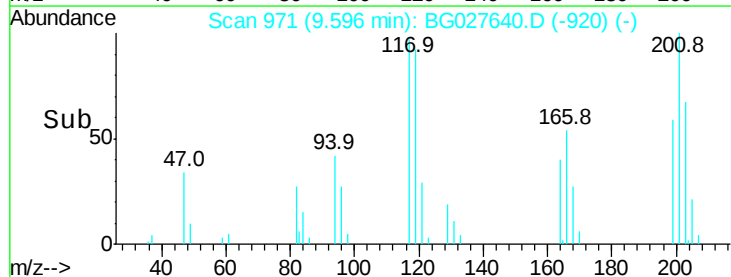
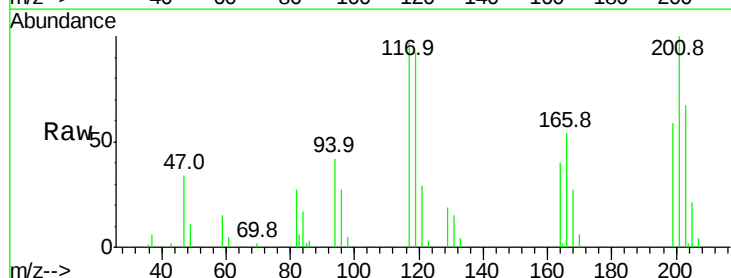
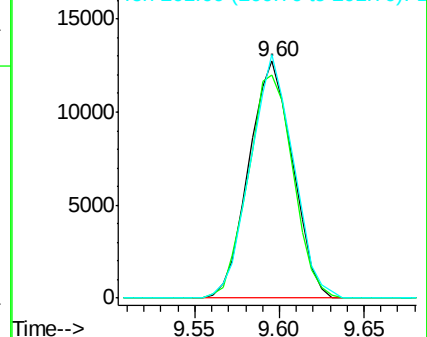
Tgt Ion	117	Resp	23008
Ion	Ratio	Lower	Upper
117	100		
119	94.3	69.8	104.6
201	102.7	95.4	143.0

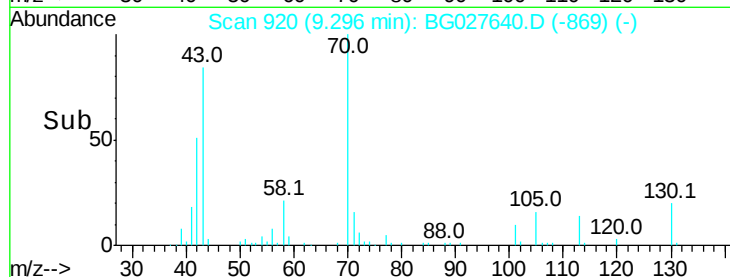
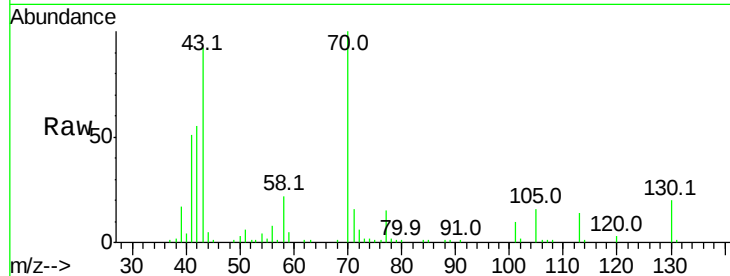
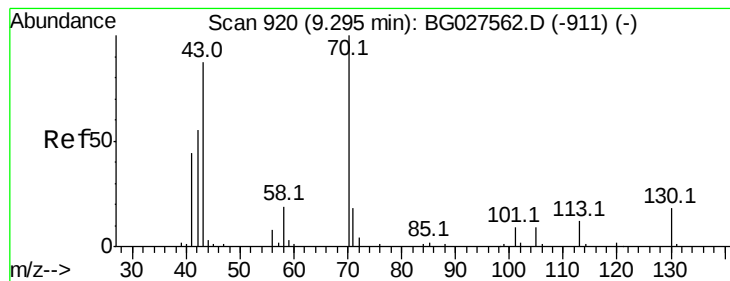
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.39 ng

RT: 9.30 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	56.1	84.1#
101	10.3	7.5	11.3
130	19.6	14.6	21.8

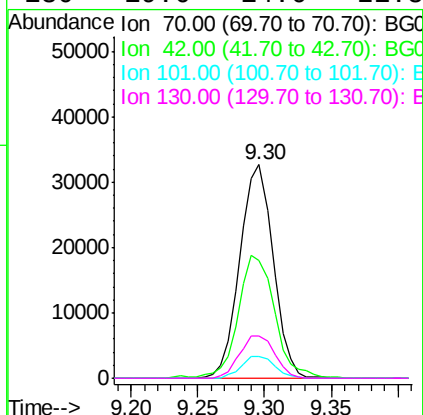
Instrument :

BNA_G

ClientSampleId :

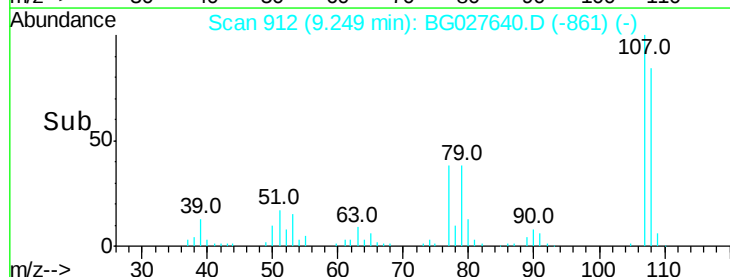
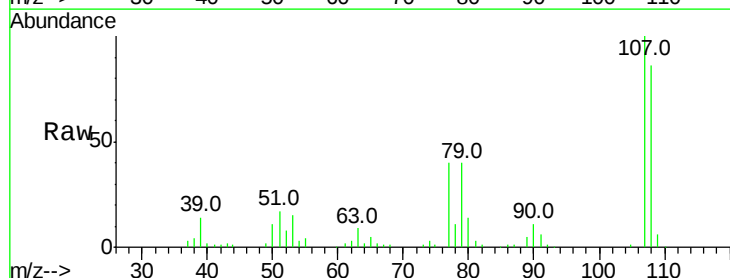
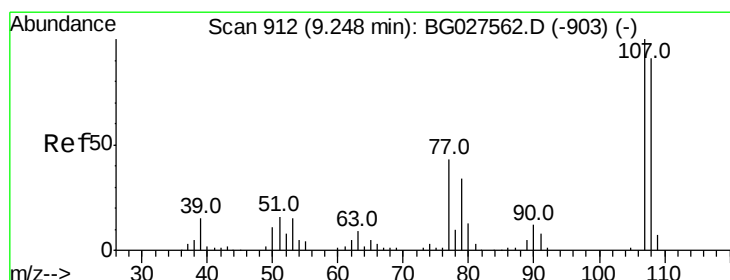
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#20

3+4-Methylphenols

Concen: 40.83 ng

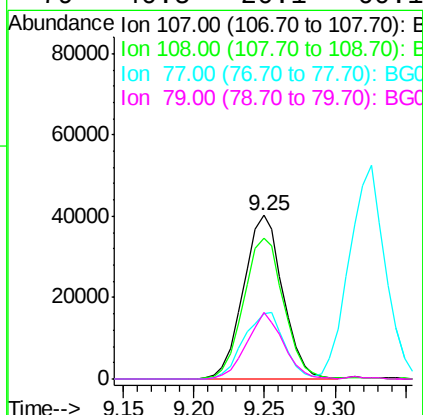
RT: 9.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	70.8	110.8
77	40.2	25.8	65.8
79	40.5	20.1	60.1



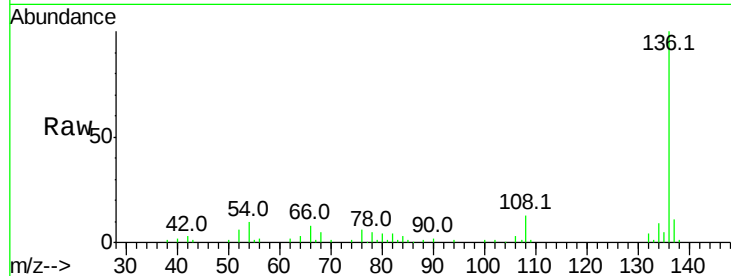


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

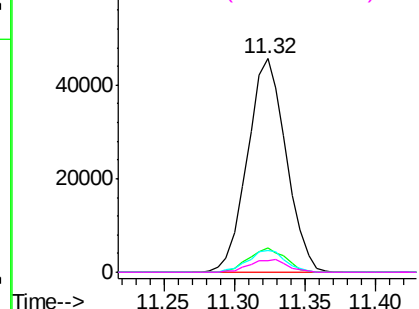
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	9.3	13.9
68	5.3	5.1	7.7

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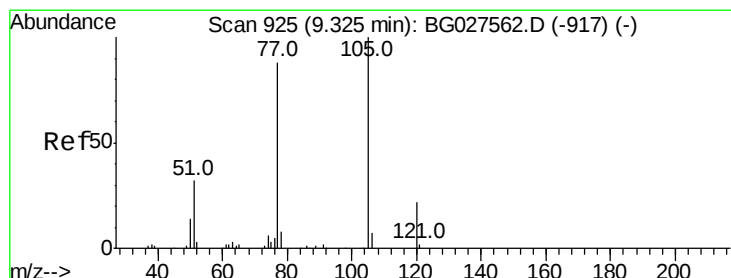
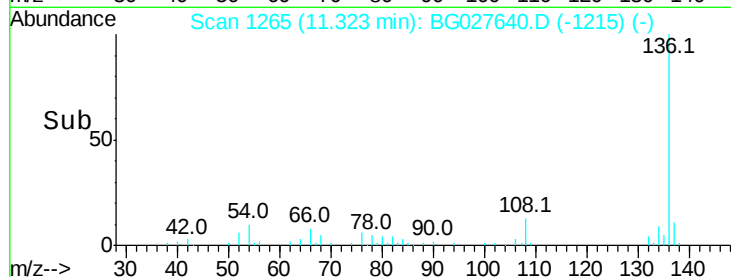


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



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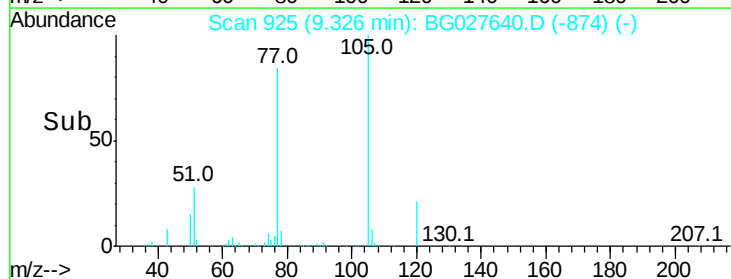
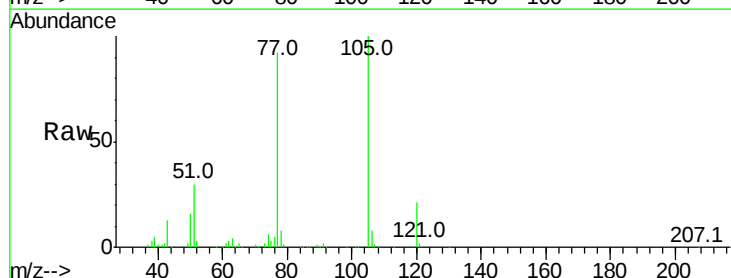
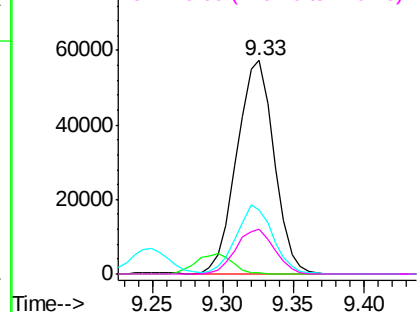
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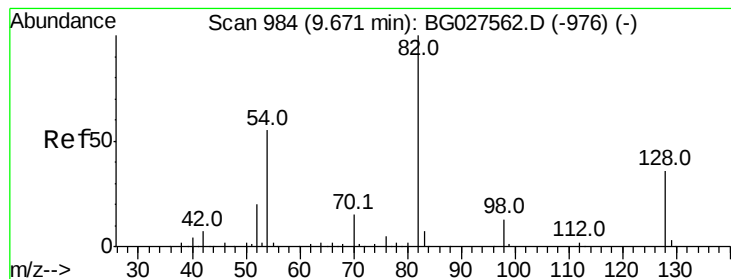


#22
Acetophenone
Concen: 44.23 ng
RT: 9.33 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	30.1	34.0	51.0#
120	20.9	17.3	25.9

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





#23

Nitrobenzene-d5

Concen: 88.83 ng

RT: 9.67 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

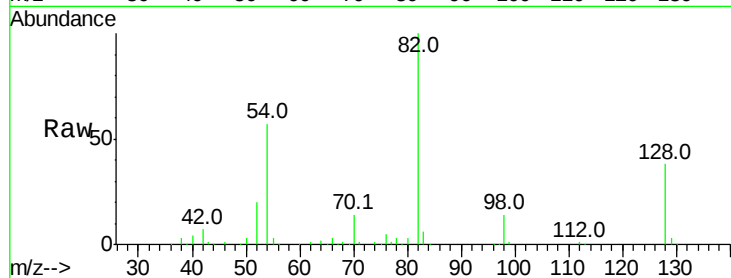
BNA_G

ClientSampleId :

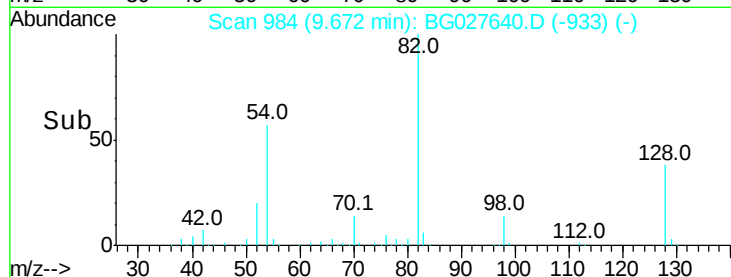
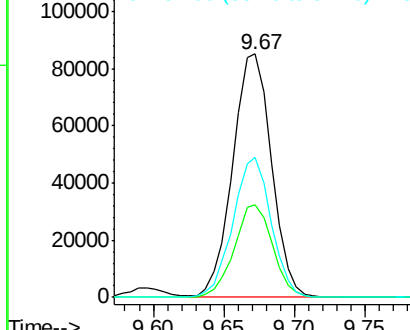
CL-01-062217-AMSD

Tot Ion:	82	Resp:	164083
Ion Ratio	Lower	Upper	
82	100		
128	37.9	26.4	39.6
54	57.4	49.4	74.2

Manual Integrations
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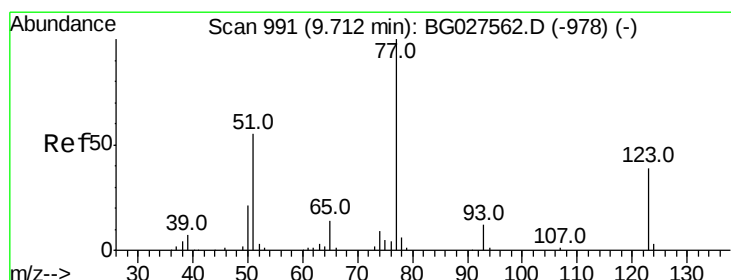


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



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#24

Nitrobenzene

Concen: 42.48 ng

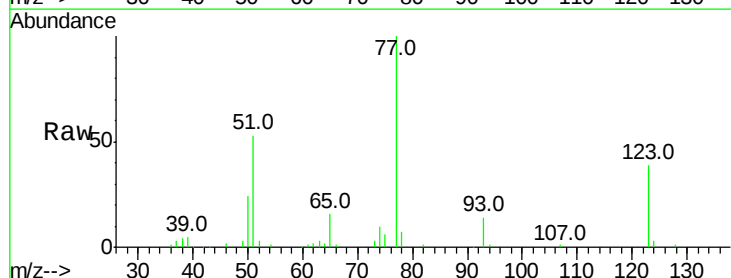
RT: 9.71 min Scan# 991

Delta R.T. 0.00 min

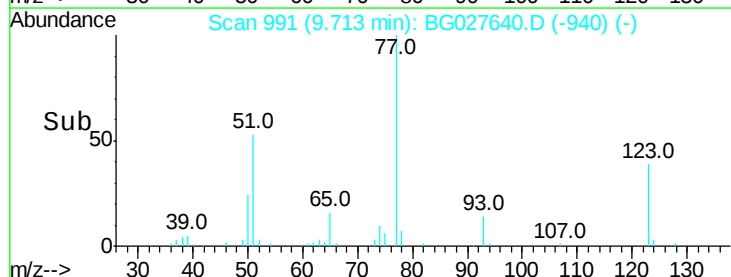
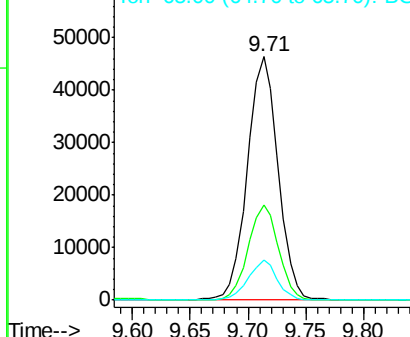
Lab File: BG027640.D

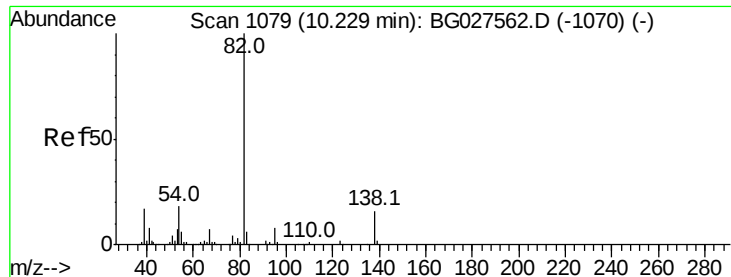
Acq: 23 Jun 2017 21:11

Tgt Ion:	77	Resp:	86007
Ion Ratio	Lower	Upper	
77	100		
123	39.3	26.1	39.1#
65	16.5	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: 42.17 ng

RT: 10.22 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

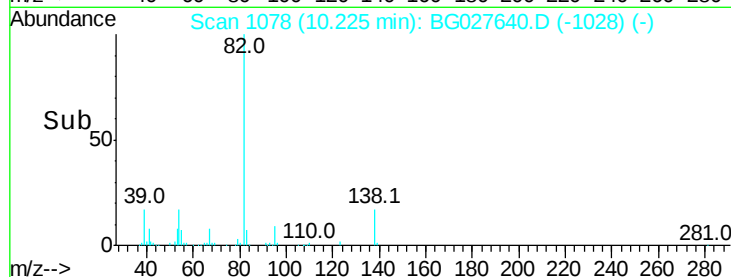
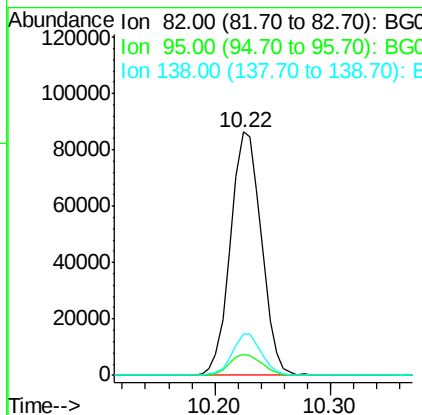
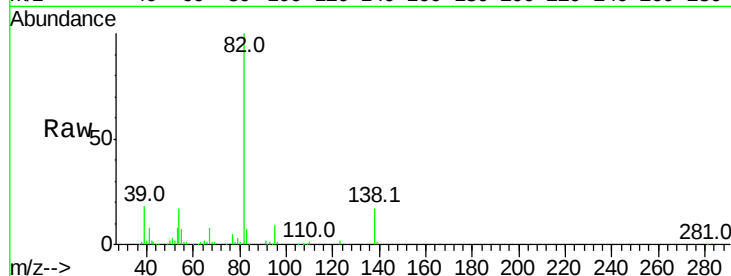
BNA_G

ClientSampleId :

CL-01-062217-AMSD

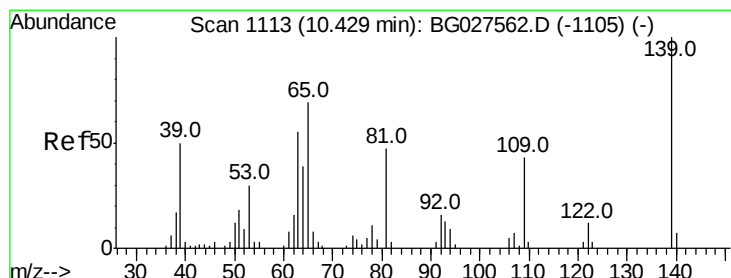
Tot Ion:	82	Resp:	160031
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.5	11.3
138	17.0	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.29 ng

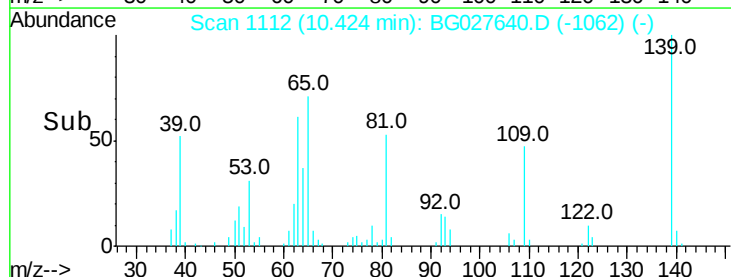
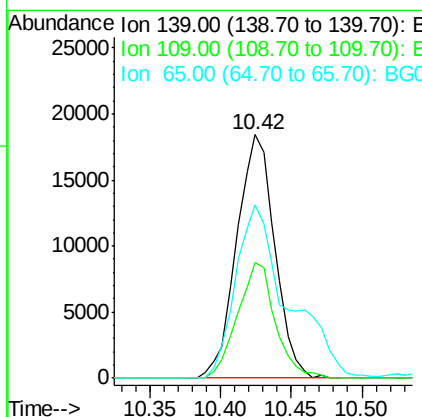
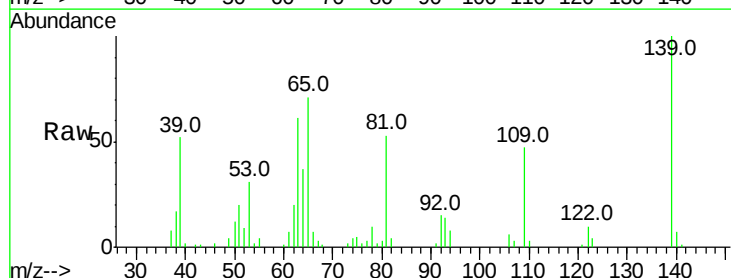
RT: 10.42 min Scan# 1112

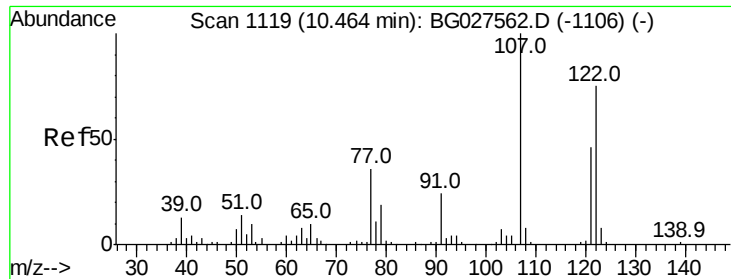
Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	139	Resp:	34669
Ion Ratio	Lower	Upper	
139	100		
109	47.3	38.6	58.0
65	71.1	57.1	85.7





#27

2,4-Dimethylphenol

Concen: 48.90 ng

RT: 10.46 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

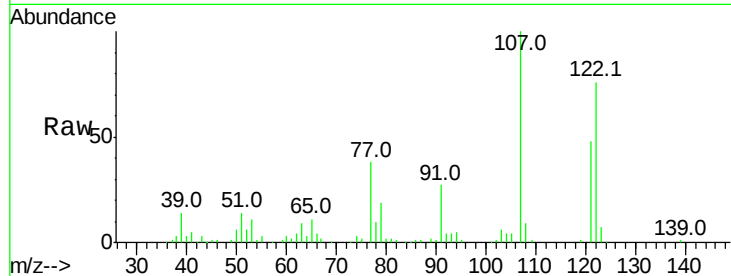
BNA_G

ClientSampleId :

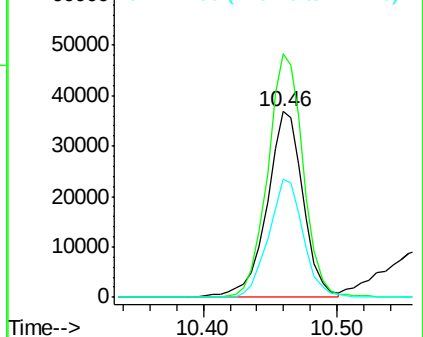
CL-01-062217-AMSD

Tot Ion:	122	Resp:	69161
Ion	Ratio	Lower	Upper
122	100		
107	131.2	104.2	156.4
121	63.4	46.0	69.0

Manual Integrations
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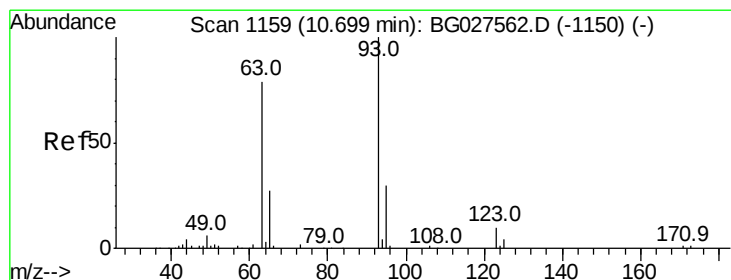
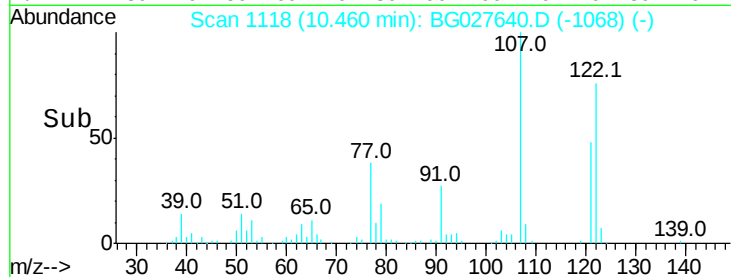


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 40.94 ng

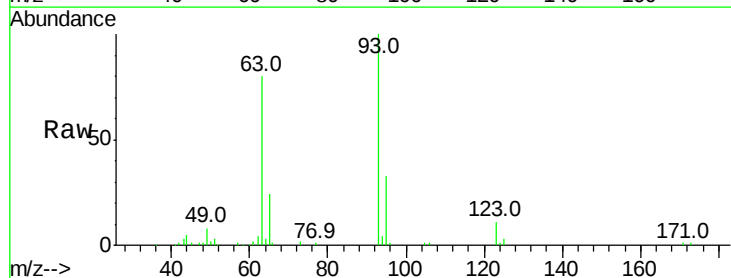
RT: 10.70 min Scan# 1159

Delta R.T. 0.00 min

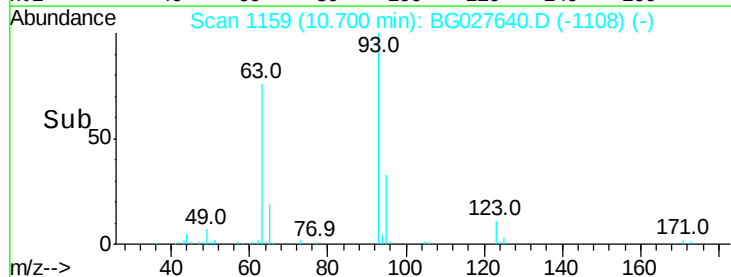
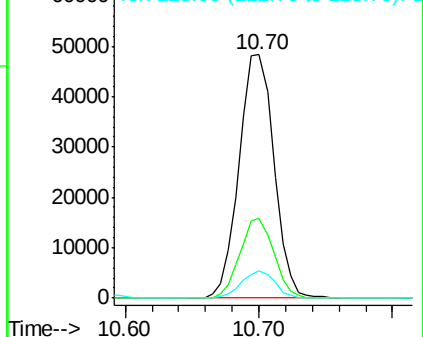
Lab File: BG027640.D

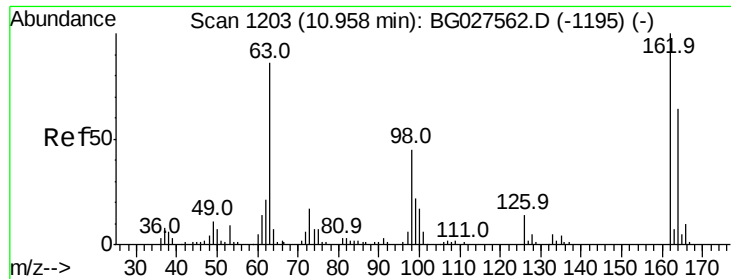
Acq: 23 Jun 2017 21:11

Tgt Ion:	93	Resp:	87577
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	11.2	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



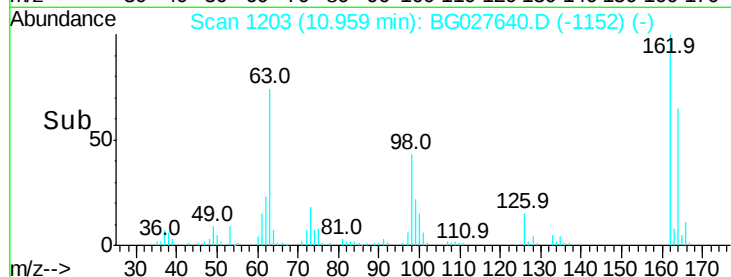
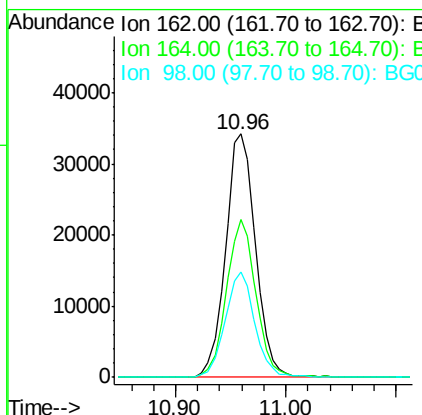
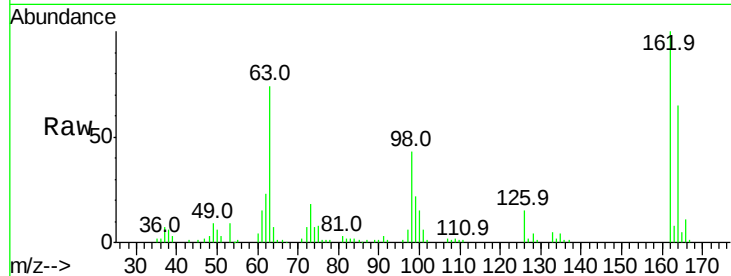


#29
 2,4-Dichlorophenol
 Concen: 53.00 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

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

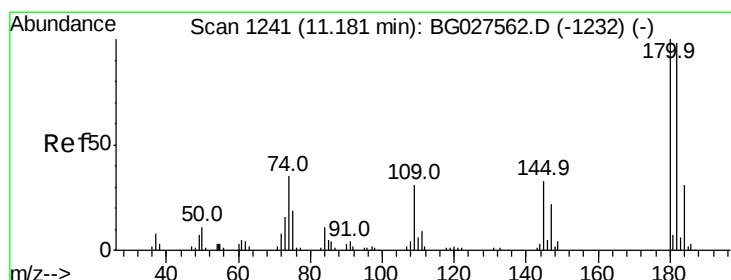
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.4	82.4
98	43.4	20.3	60.3

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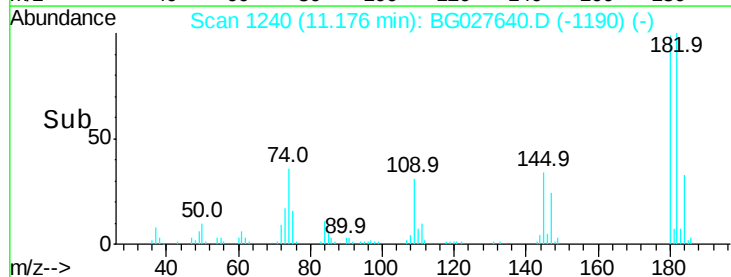
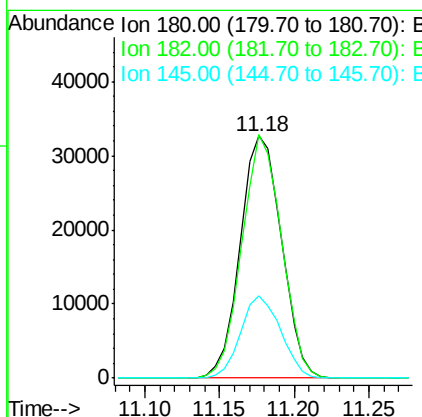
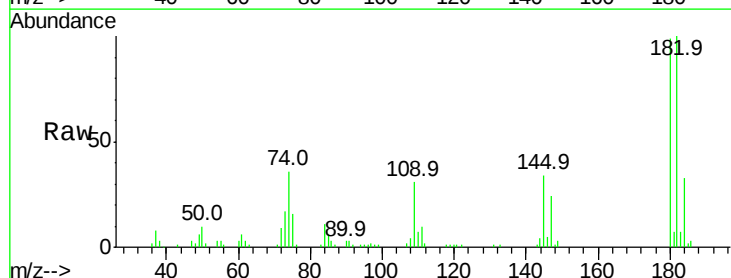
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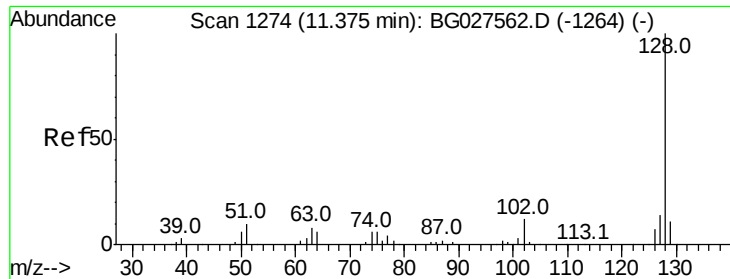
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.74 ng
 RT: 11.18 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	77.0	115.4
145	33.9	23.4	35.0



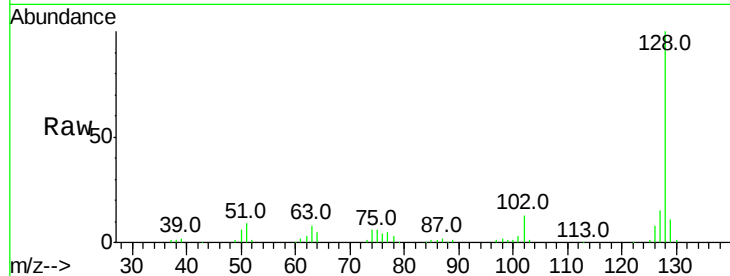


#31
Naphthalene
Concen: 42.57 ng
RT: 11.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

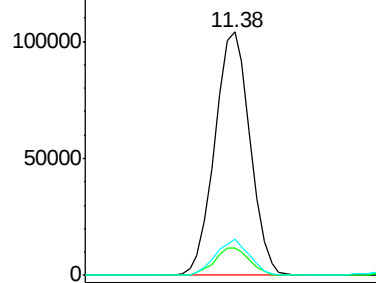
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.7	11.4	17.0

Manual Integrations
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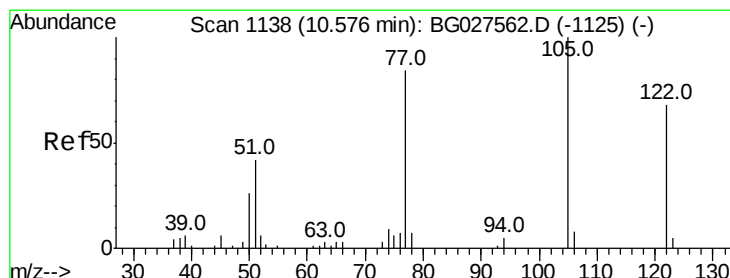
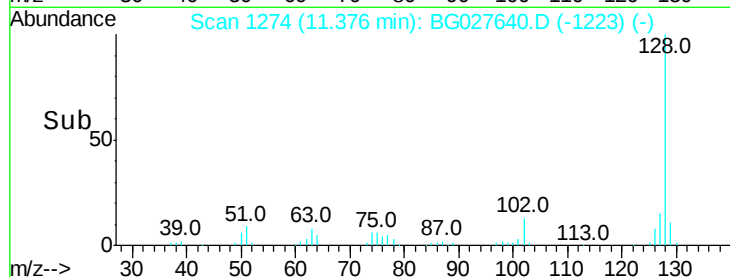


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



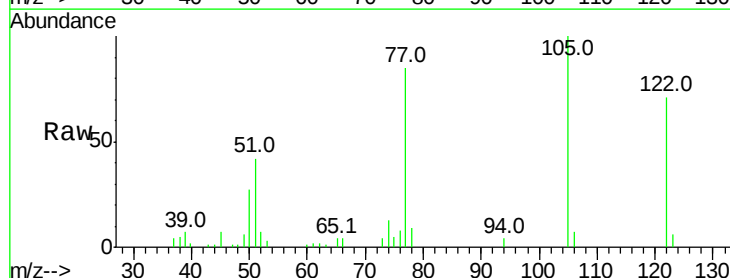
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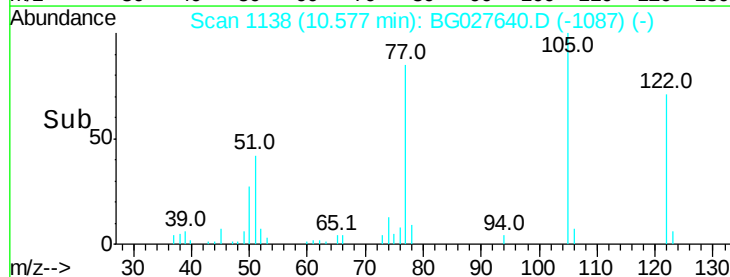
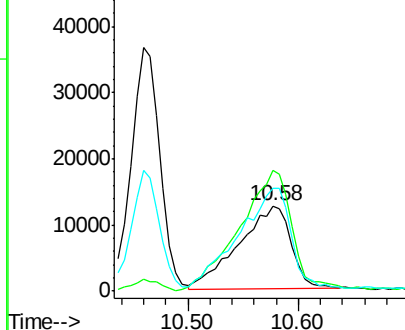


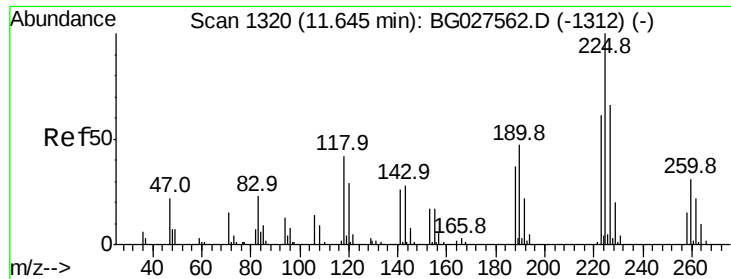
#32
Benzoic acid
Concen: 42.68 ng
RT: 10.58 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.7	120.1	160.1
77	120.1	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): BGO



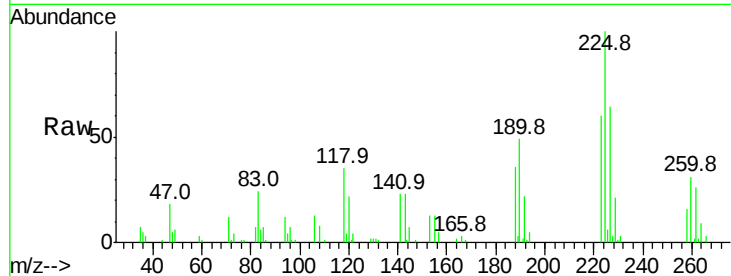


#34
Hexachlorobutadiene
Concen: 46.63 ng
RT: 11.65 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

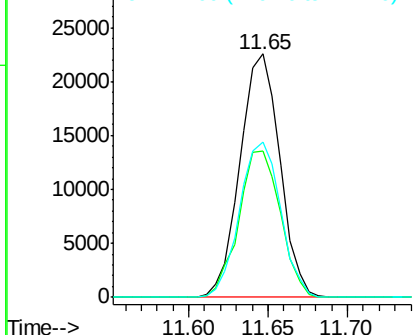
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.7	76.1
227	63.8	49.0	73.6

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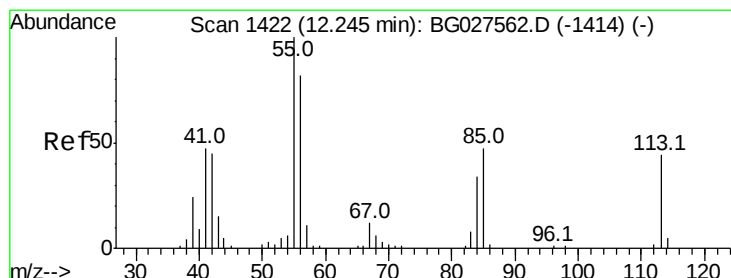
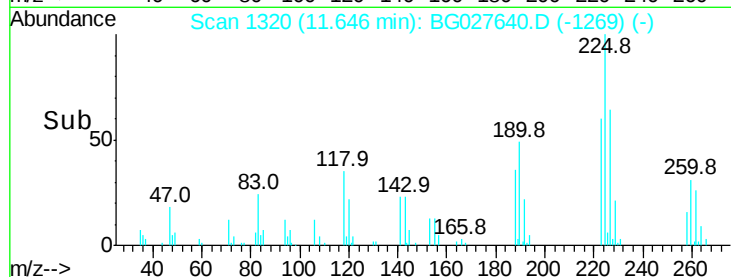


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



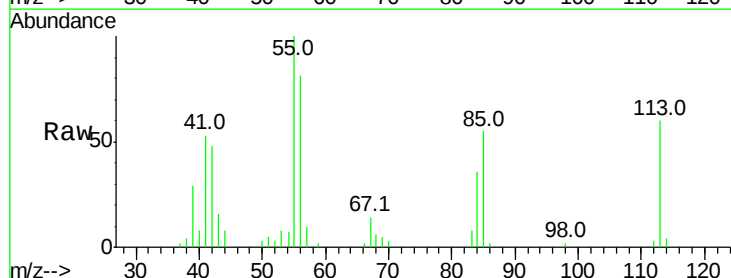
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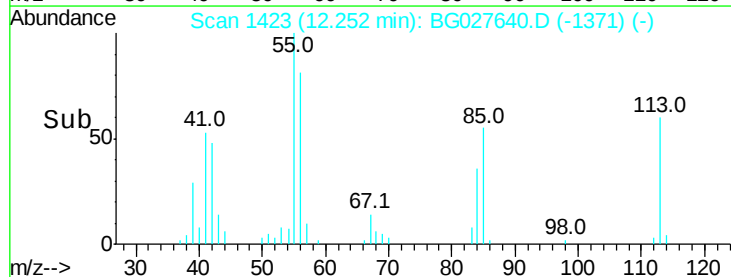
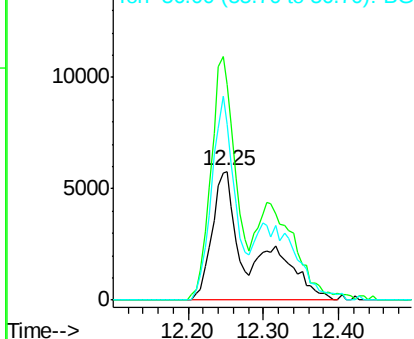


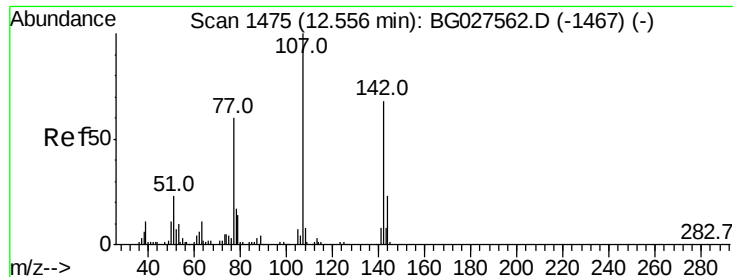
#35
Caprolactam
Concen: 37.34 ng m
RT: 12.25 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
113	100		
55	168.0	198.6	238.6#
56	136.8	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



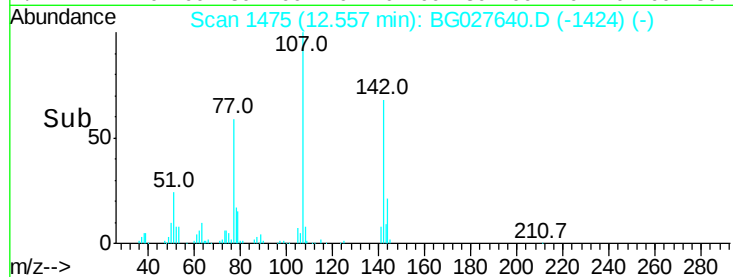
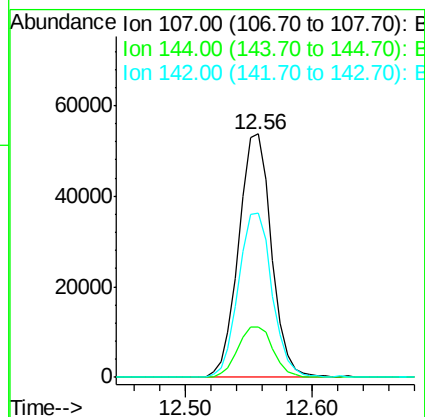
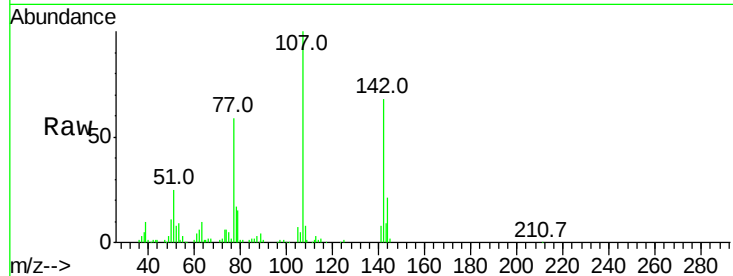


#36
4-Chloro-3-methylphenol
Concen: 51.48 ng
RT: 12.56 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

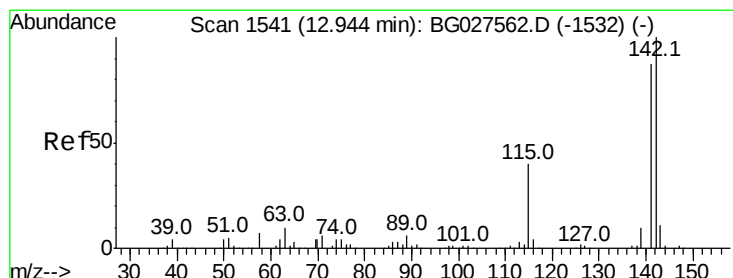
Tot Ion	Ratio	Lower	Upper
107	100		
144	20.7	17.4	26.0
142	67.5	54.1	81.1

Manual Integrations
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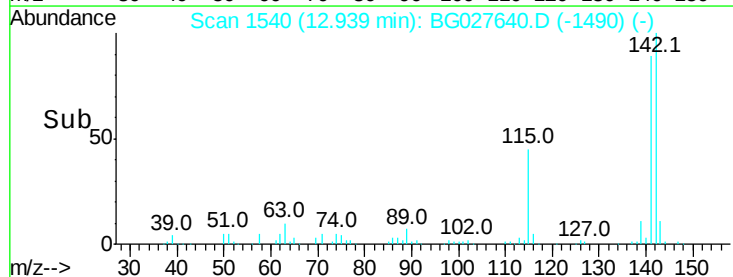
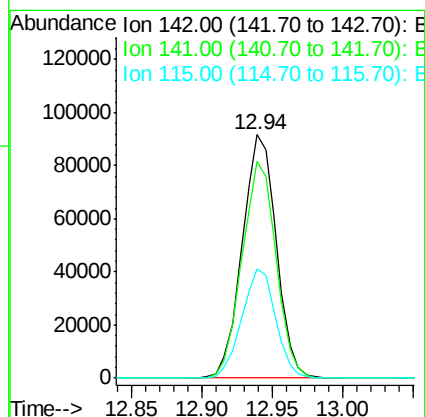
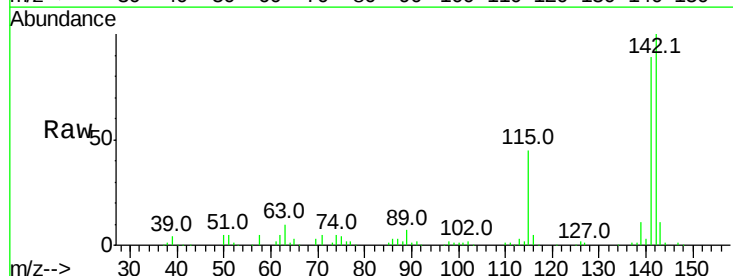
mohammad

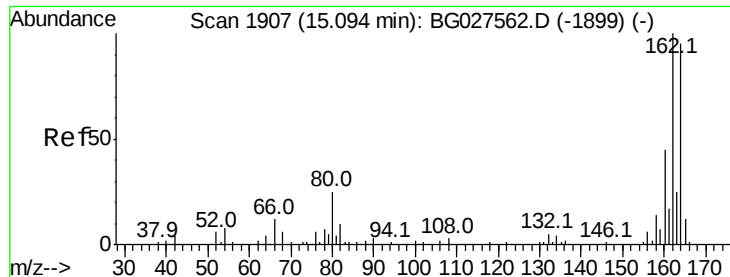
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#37
2-Methylnaphthalene
Concen: 45.15 ng
RT: 12.94 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	44.7	35.5	53.3



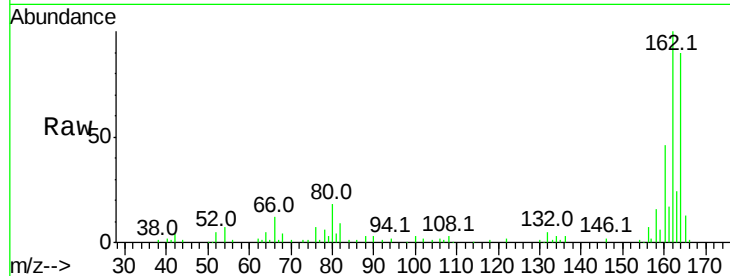


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	110.8	85.1	127.7
160	51.2	34.7	52.1

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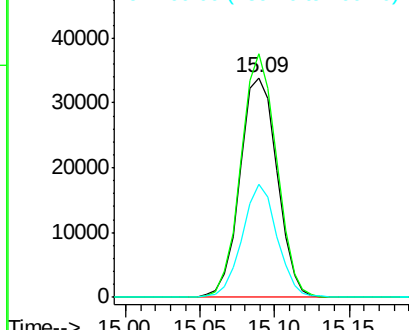


Abundance

Ion 164.00 (163.70 to 164.70): E

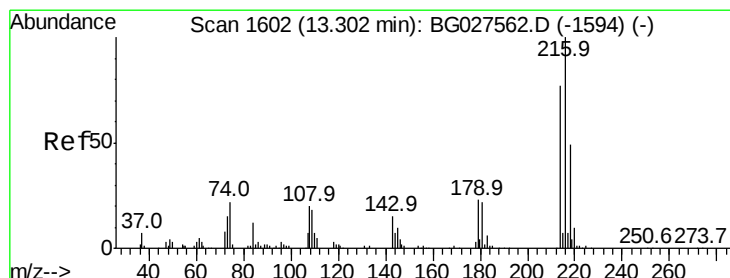
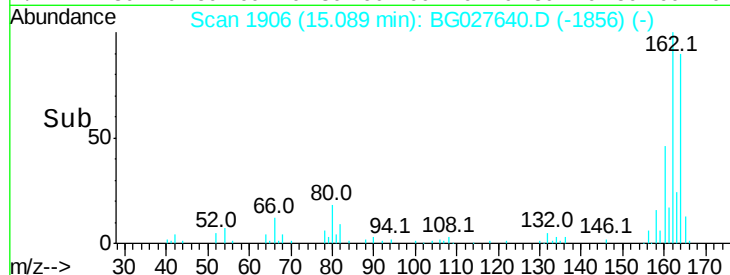
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.32 ng
RT: 13.30 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.4	96.6
179	23.2	17.4	26.0
108	23.1	15.6	23.4

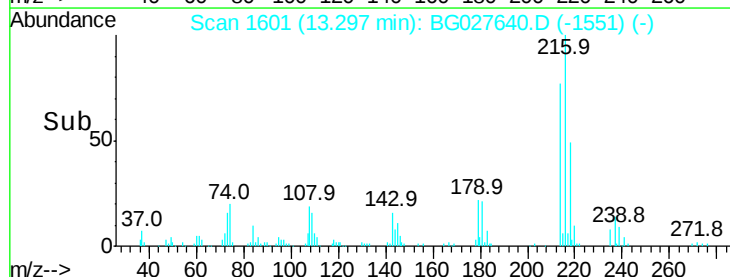
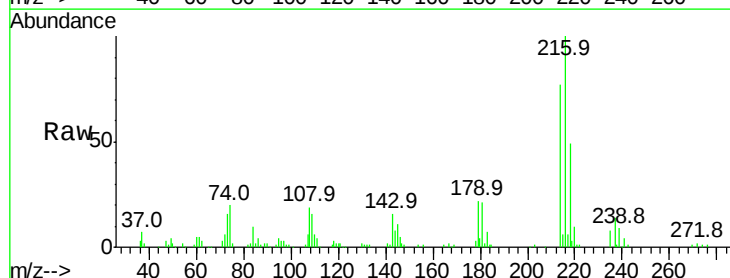
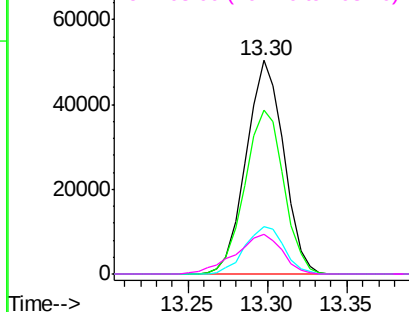
Abundance

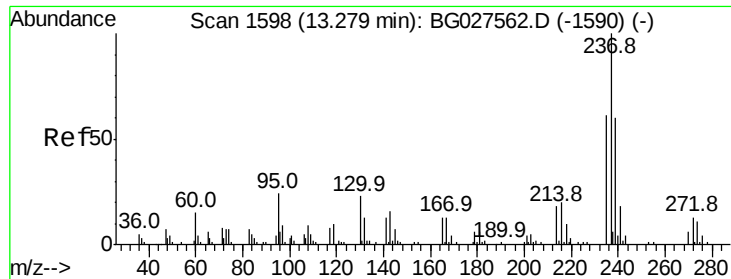
Ion 216.00 (215.70 to 216.70): E

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



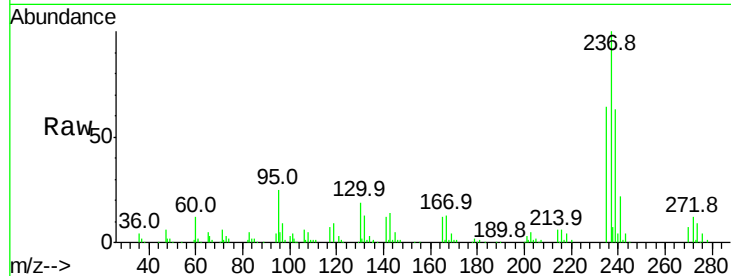


#40
Hexachlorocyclopentadiene
Concen: 109.43 ng
RT: 13.27 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

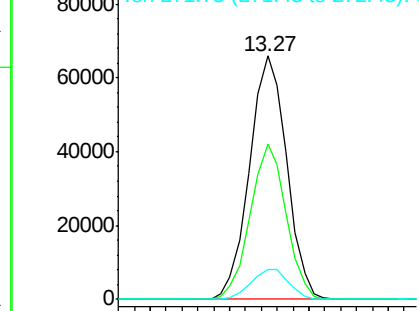
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	39.4	79.4
272	12.4	0.0	32.0

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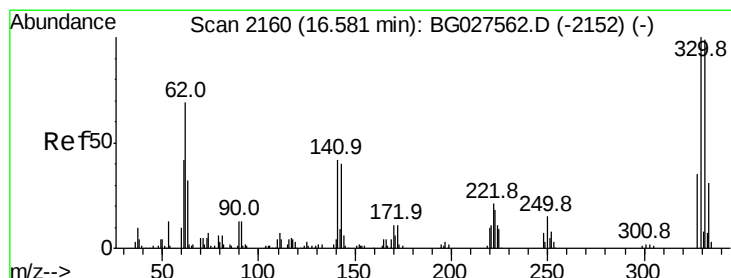
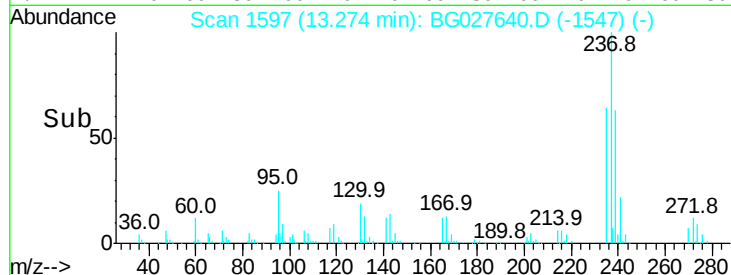


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



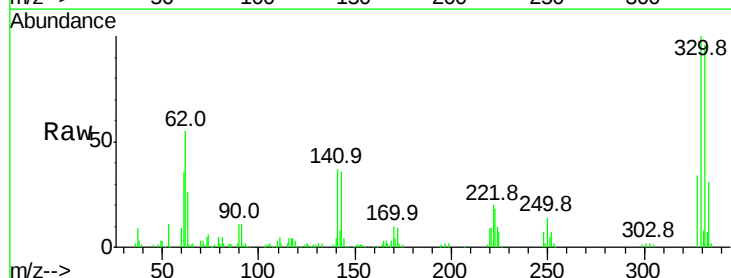
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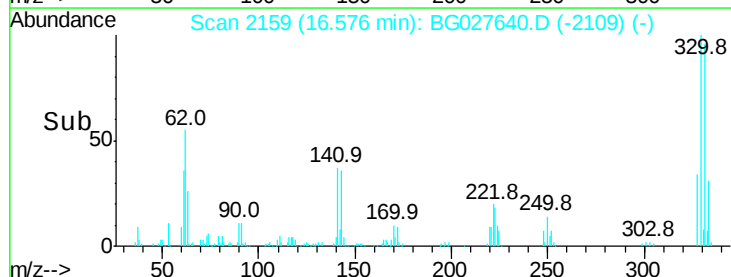
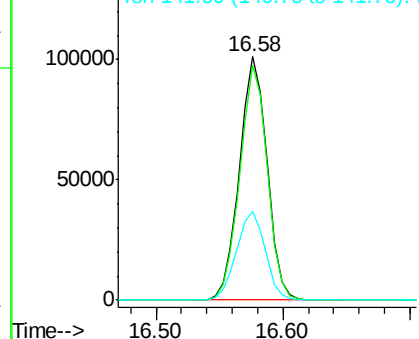


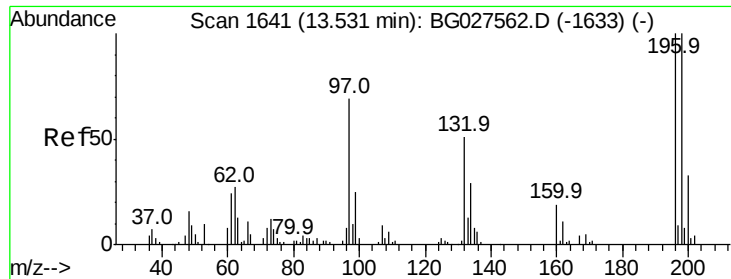
#41
2,4,6-Tribromophenol
Concen: 174.88 ng
RT: 16.58 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	77.3	115.9
141	37.8	32.1	48.1



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



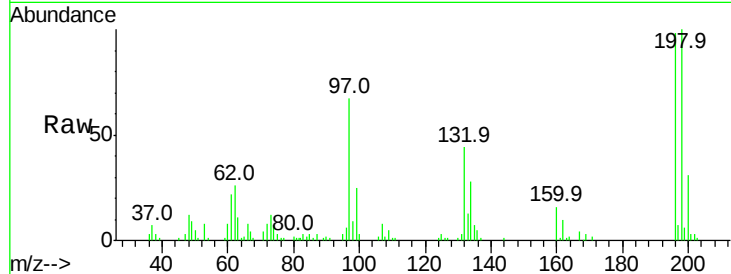


#42
 2,4,6-Trichlorophenol
 Concen: 52.38 ng
 RT: 13.53 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62010		
198	102.5		81.4	122.2
200	31.6		27.0	40.6

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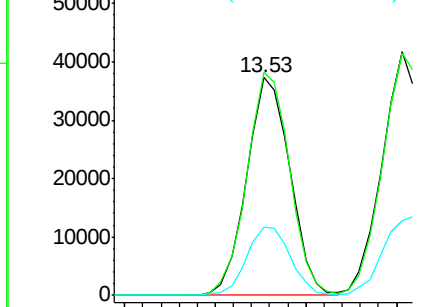
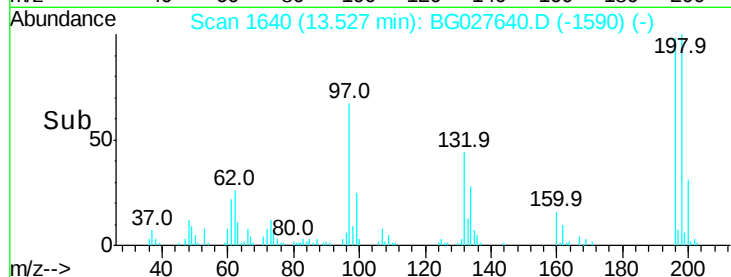


Abundance

Ion 196.00 (195.70 to 196.70): E

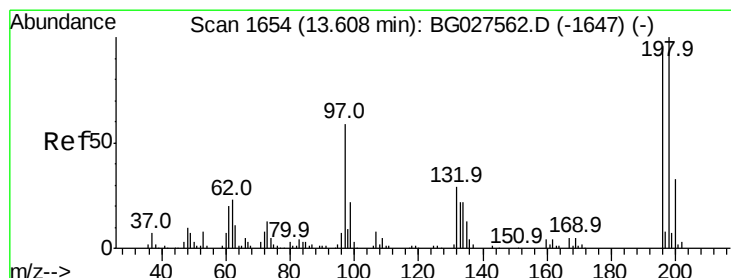
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43
 2,4,5-Trichlorophenol
 Concen: 50.72 ng
 RT: 13.60 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70557		
198	99.5		79.9	119.9
97	55.6		45.4	68.0
132	28.5		20.7	31.1

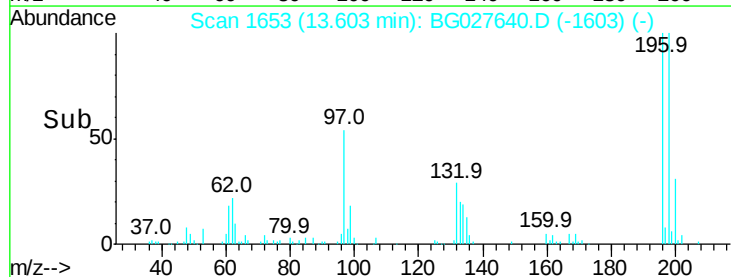
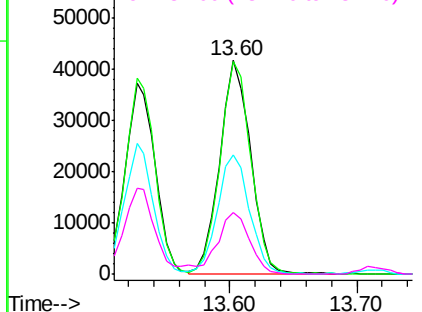
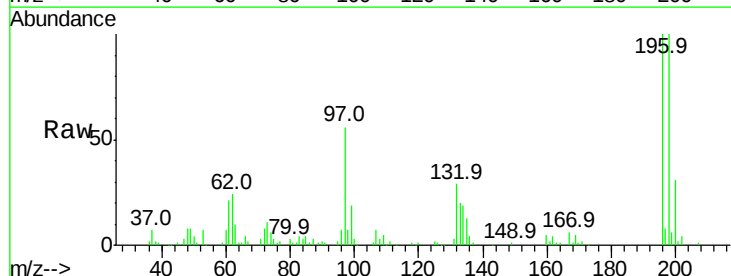
Abundance

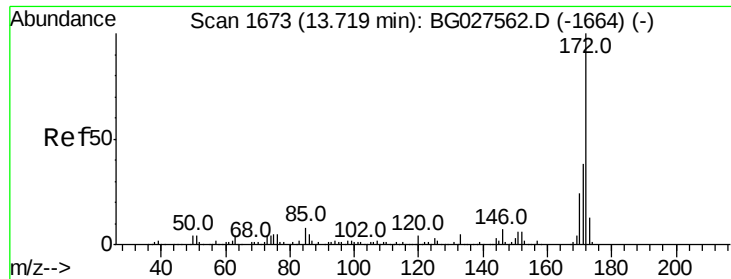
Ion 196.00 (195.70 to 196.70): E

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



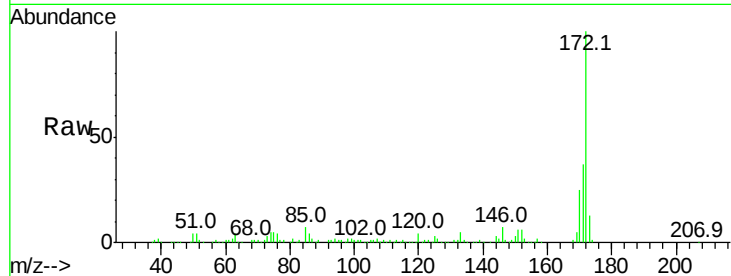


#44
2-Fluorobiphenyl
Concen: 88.63 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

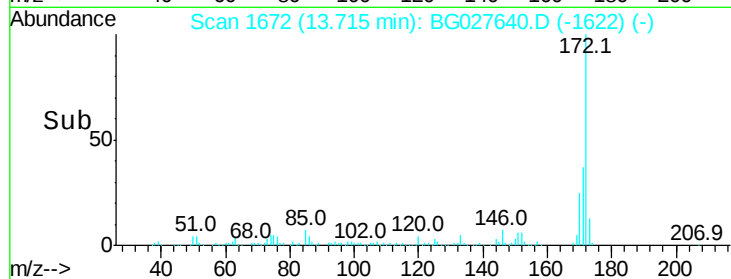
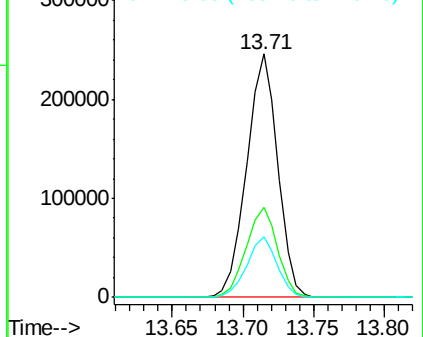
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	25.1	21.8	32.6

Manual Integrations
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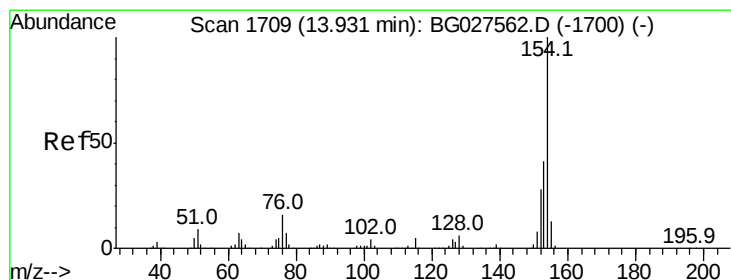


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



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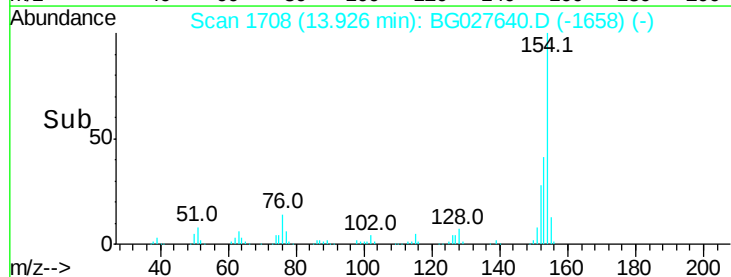
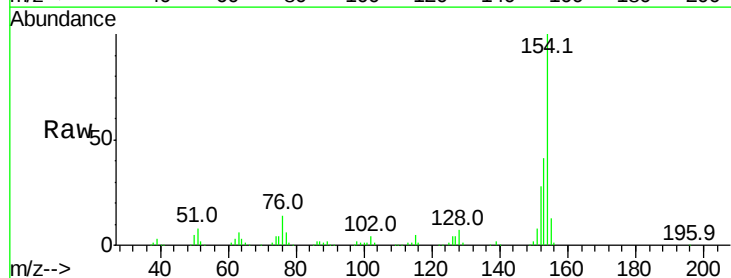
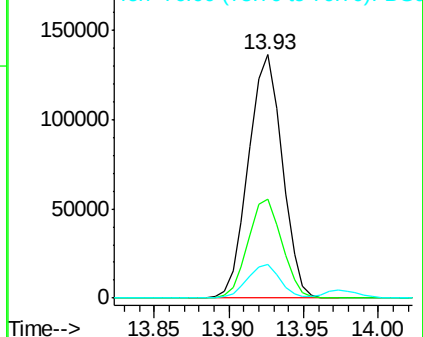
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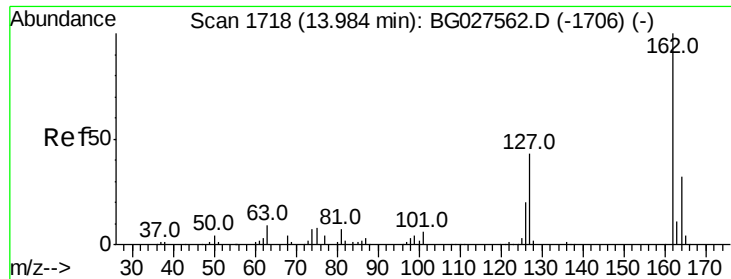


#45
1,1'-Biphenyl
Concen: 43.87 ng
RT: 13.93 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.0	63.0
76	14.1	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): BG



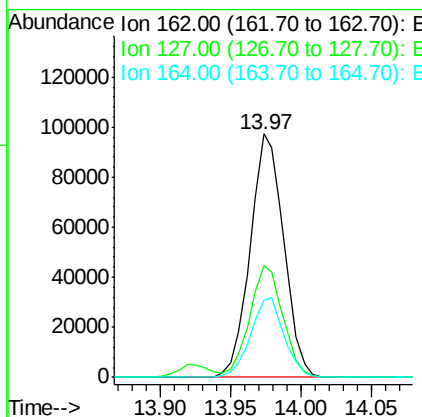
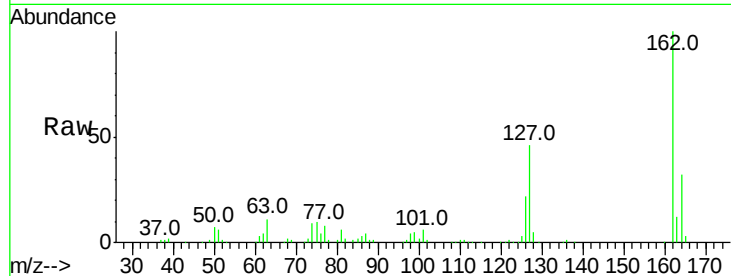


#46
2-Chloronaphthalene
Concen: 44.68 ng
RT: 13.97 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

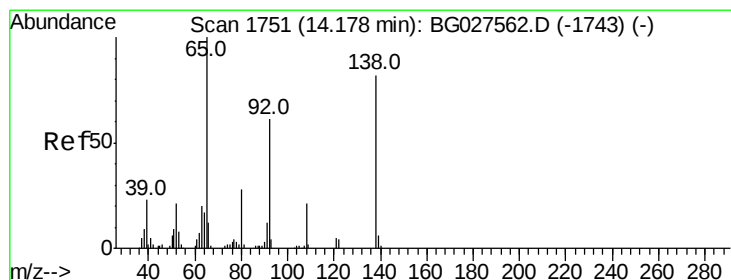
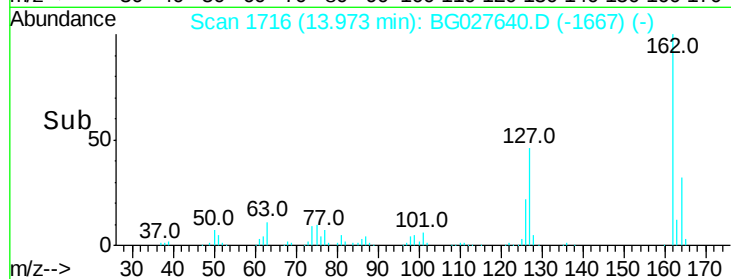
Tot Ion	162	Resp:	161861
Ion Ratio	Lower	Upper	
162	100		
127	46.0	32.2	48.4
164	31.5	27.3	40.9

Manual Integrations
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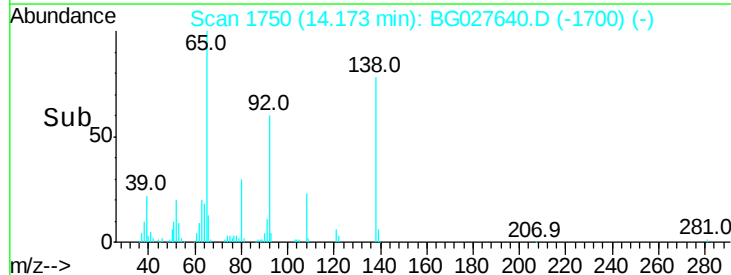
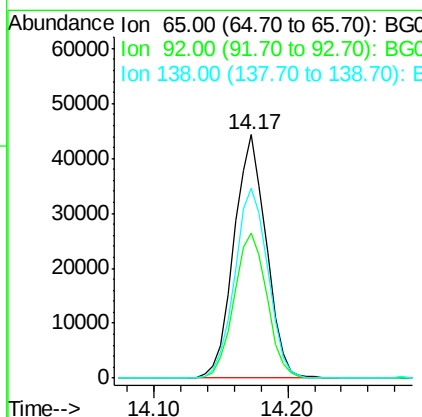
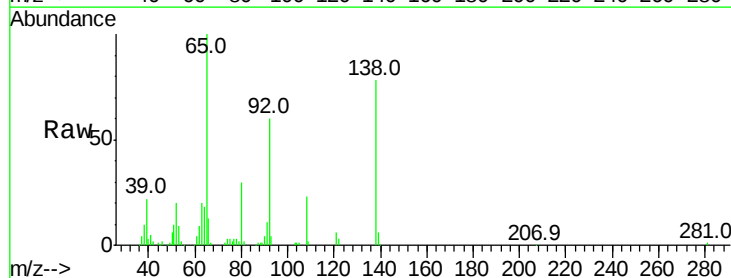
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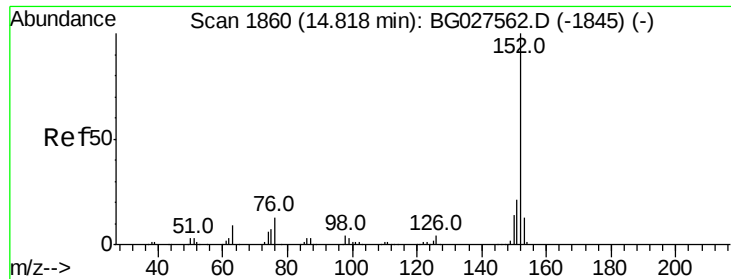
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#47
2-Nitroaniline
Concen: 45.68 ng
RT: 14.17 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	65	Resp:	74299
Ion Ratio	Lower	Upper	
65	100		
92	59.5	49.0	73.4
138	78.0	58.6	87.8





#48

Acenaphthylene

Concen: 42.36 ng

RT: 14.81 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

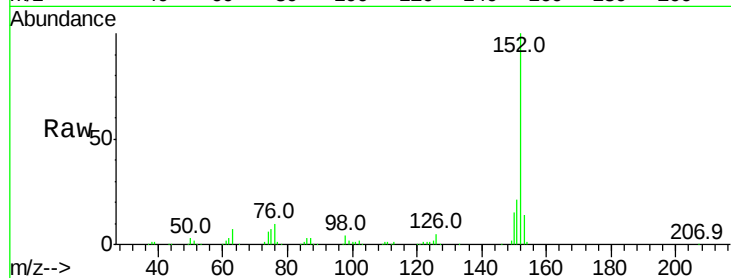
BNA_G

ClientSampleId :

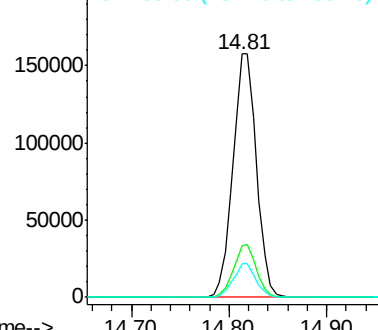
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.2	27.2
153	13.6	11.3	16.9

Manual Integrations
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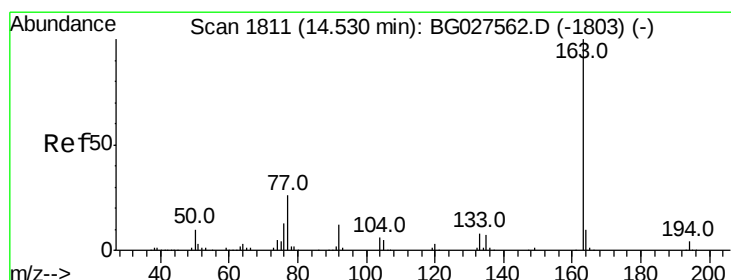
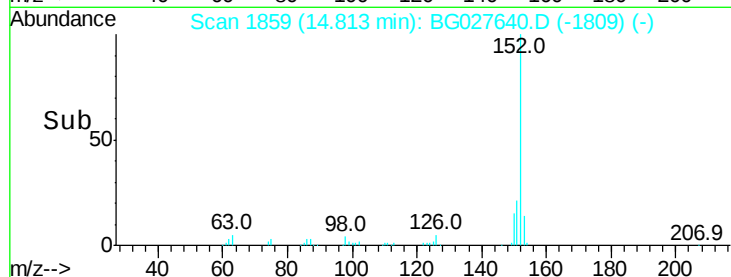


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 48.64 ng

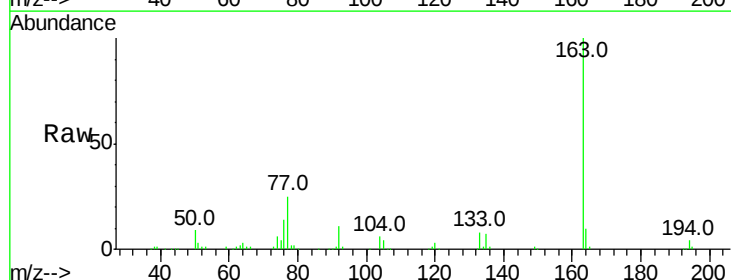
RT: 14.53 min Scan# 1810

Delta R.T. -0.00 min

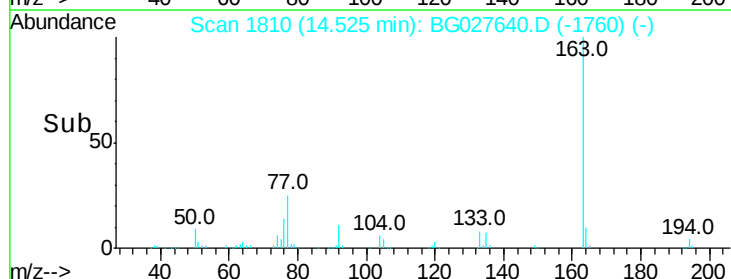
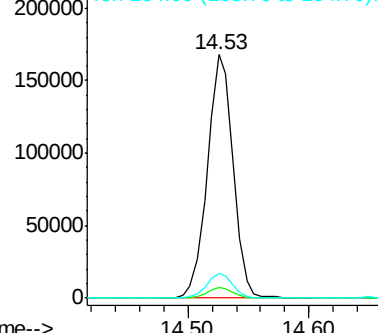
Lab File: BG027640.D

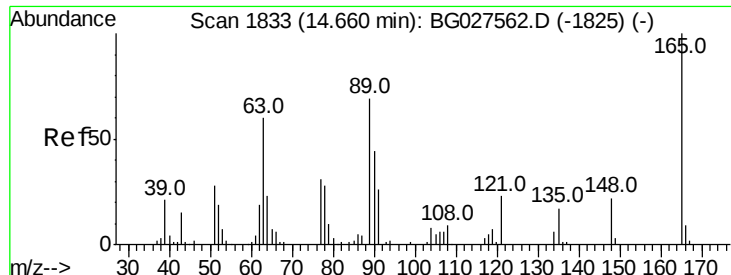
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	10.0	9.3	13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



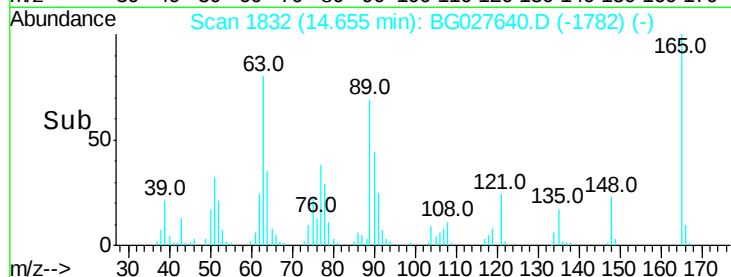
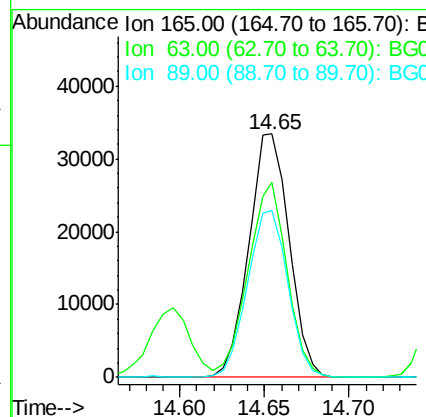
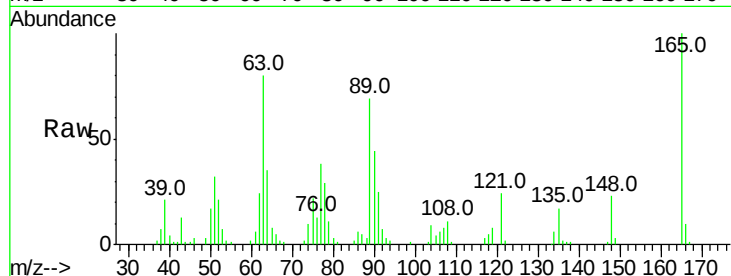


#50
2,6-Dinitrotoluene
Concen: 50.02 ng
RT: 14.65 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

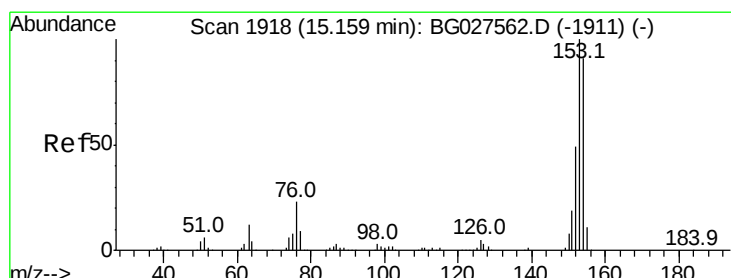
Tot Ion:	165	Resp:	55519
Ion Ratio	Lower	Upper	
165	100		
63	79.9	63.9	95.9
89	68.7	58.6	88.0

Manual Integrations
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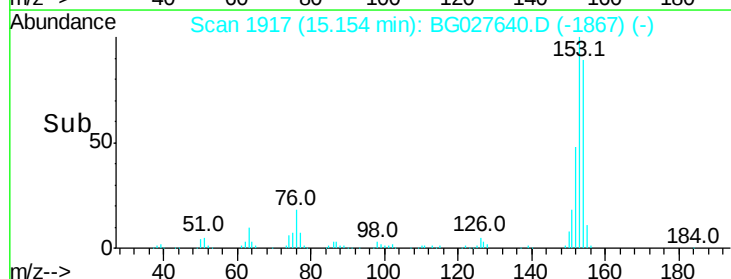
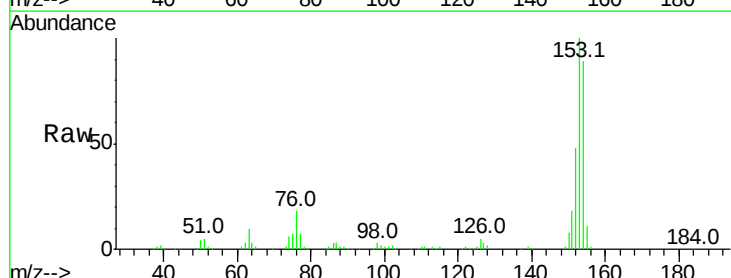
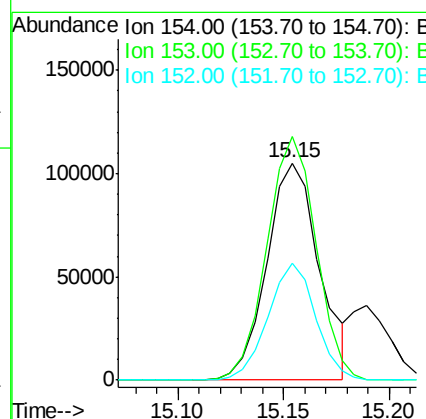
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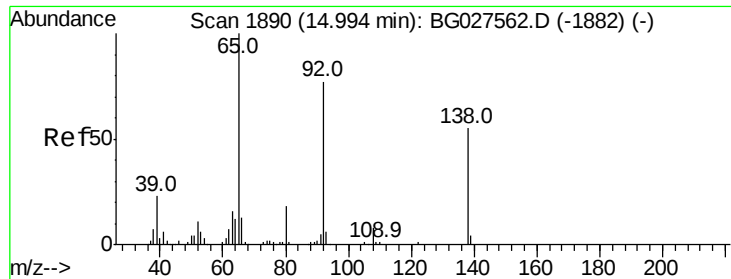
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#51
Acenaphthene
Concen: 41.10 ng
RT: 15.15 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion:	154	Resp:	181805
Ion Ratio	Lower	Upper	
154	100		
153	112.1	87.8	131.6
152	53.6	42.2	63.4



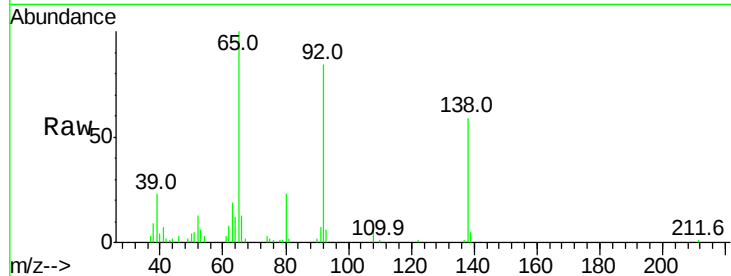


#52
3-Nitroaniline
Concen: 12.48 ng
RT: 14.99 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

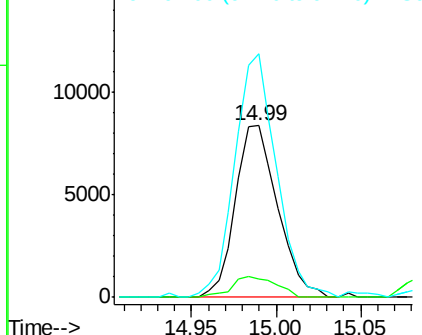
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion:138 Resp: 14619
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 141.8 115.3 172.9

Manual Integrations
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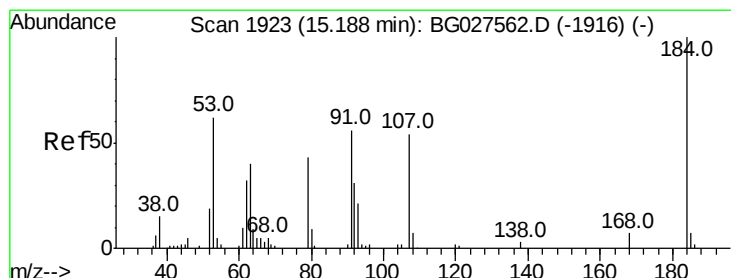
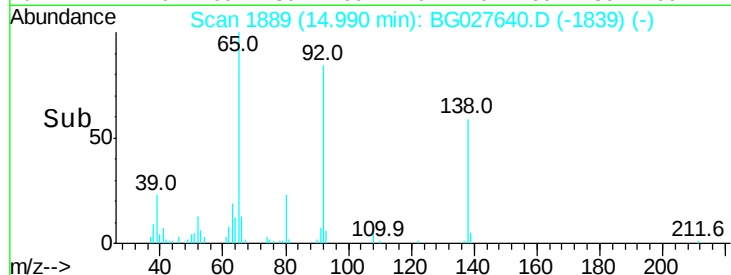


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B



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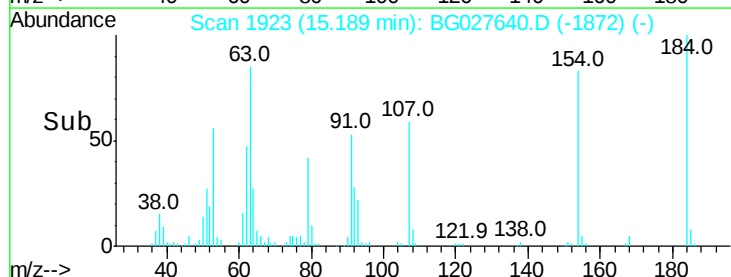
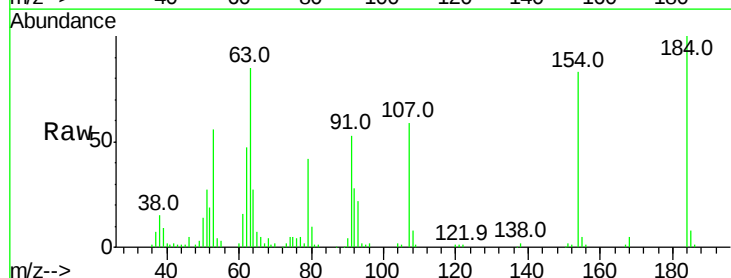
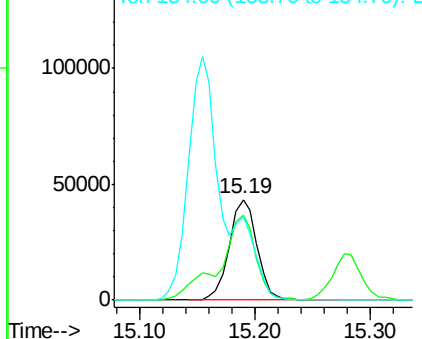
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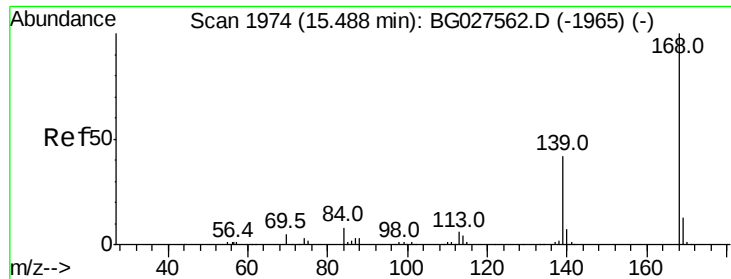


#53
2,4-Dinitrophenol
Concen: 115.52 ng
RT: 15.19 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion:184 Resp: 72468
Ion Ratio Lower Upper
184 100
63 84.7 52.7 79.1#
154 83.1 57.3 85.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E



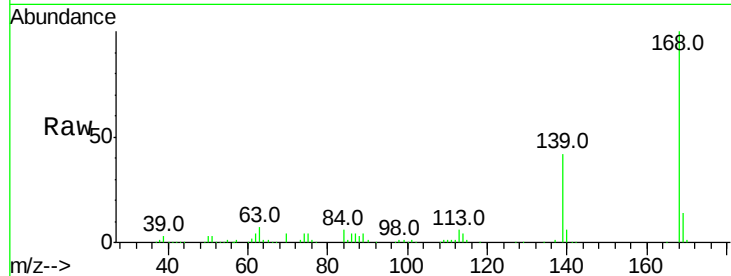


#54
Dibenzenofuran
Concen: 48.34 ng
RT: 15.48 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

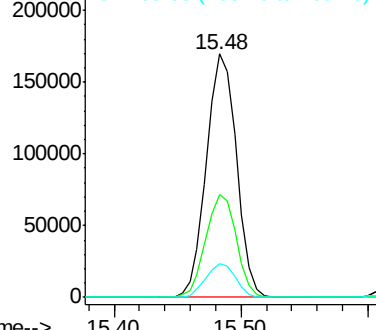
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	35.3	52.9
169	13.6	11.5	17.3

Manual Integrations
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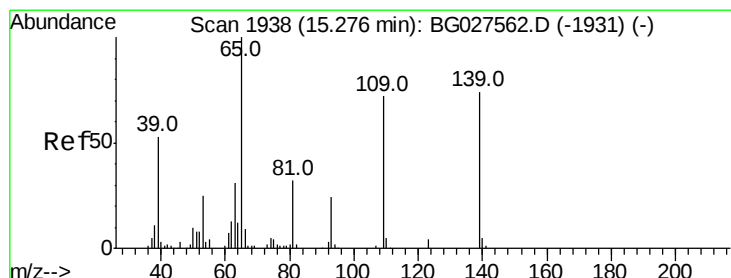
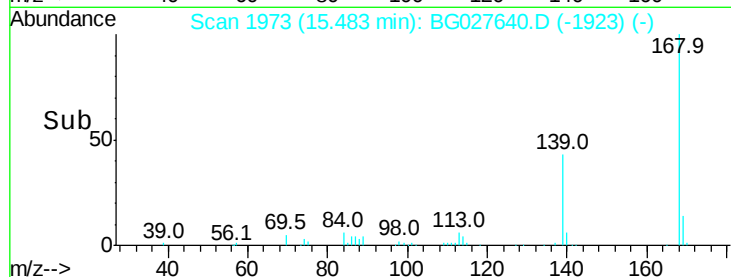


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



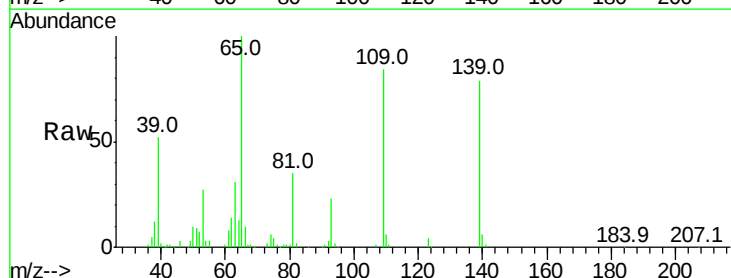
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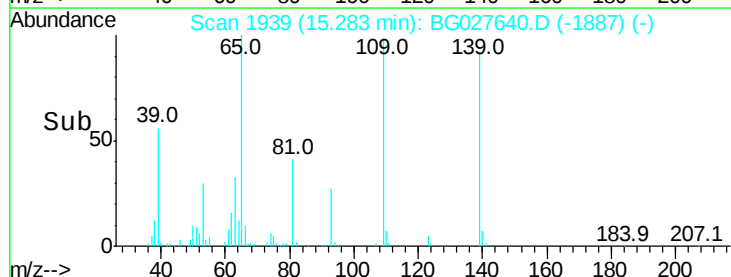
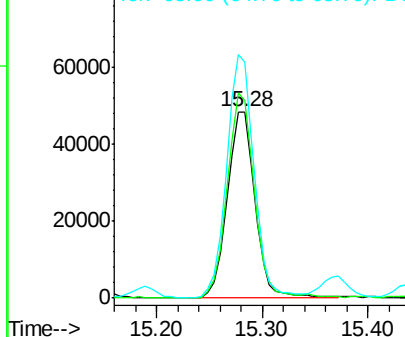


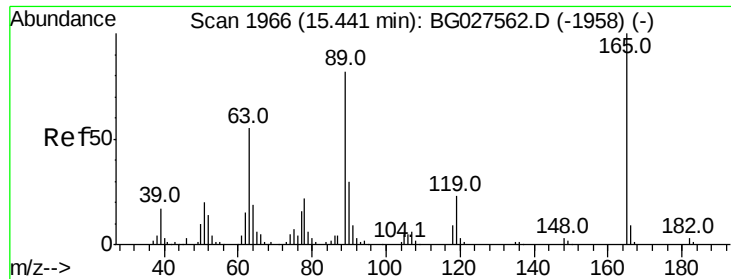
#55
4-Nitrophenol
Concen: 89.31 ng
RT: 15.28 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.3	101.2	141.2
65	126.8	135.3	175.3#



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



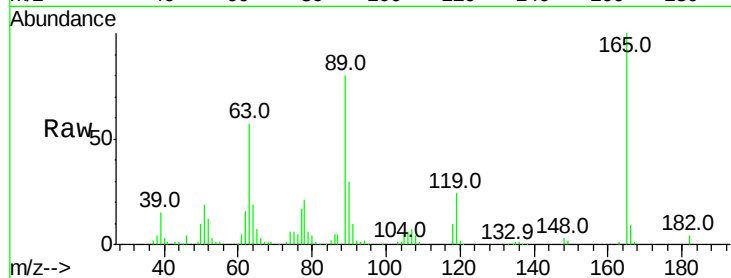


#56
2,4-Dinitrotoluene
Concen: 52.66 ng
RT: 15.44 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	44.0	66.0
89	80.2	67.3	100.9
182	3.5	3.8	5.6#

Manual Integrations
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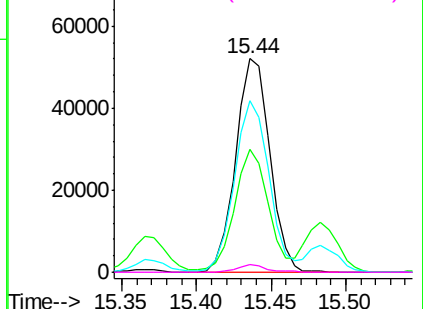
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

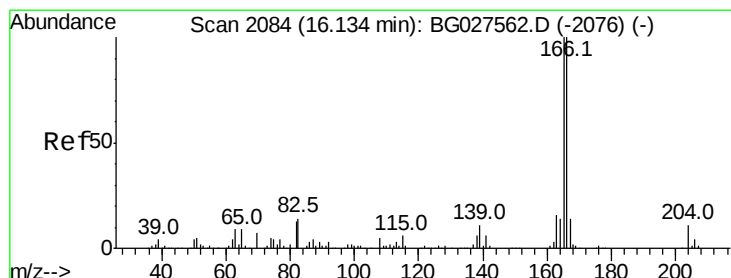
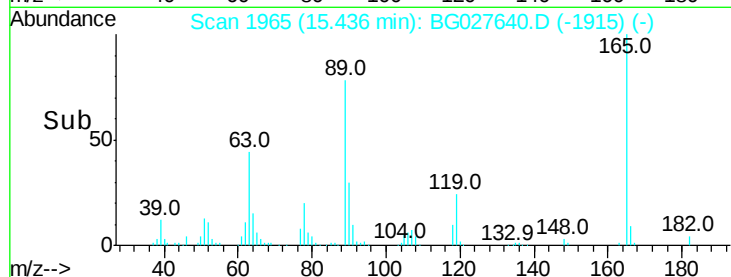
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



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#57
Fluorene
Concen: 45.12 ng
RT: 16.14 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

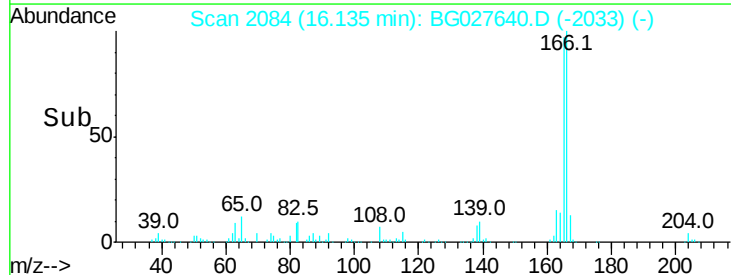
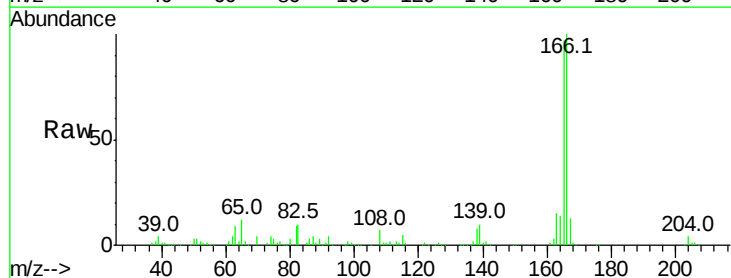
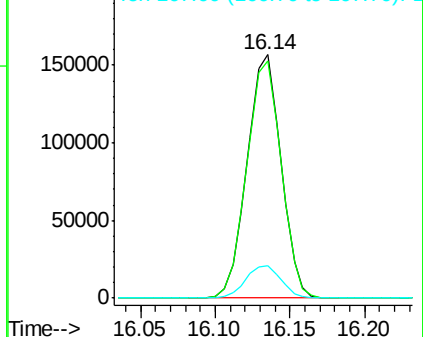
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.3	11.6	17.4

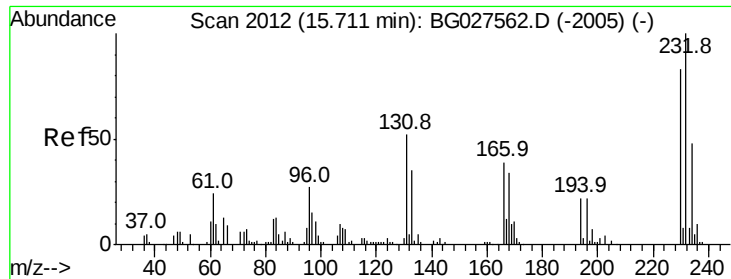
Abundance

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



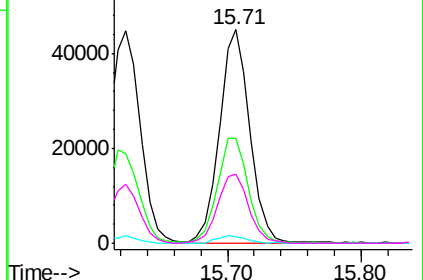
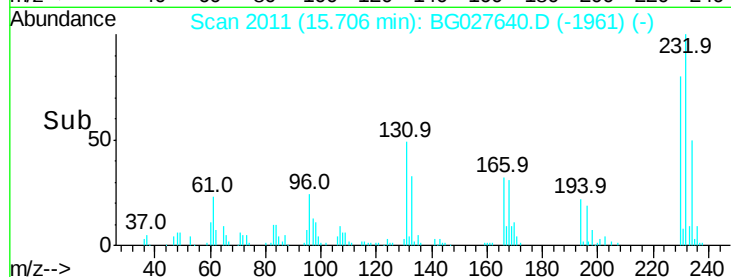
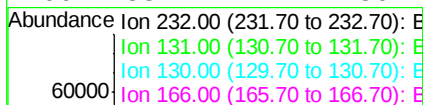
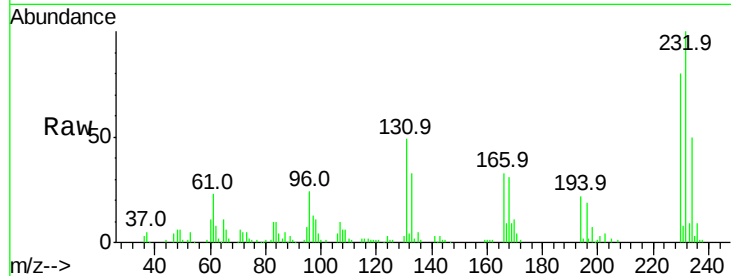


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.55 ng
 RT: 15.71 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

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

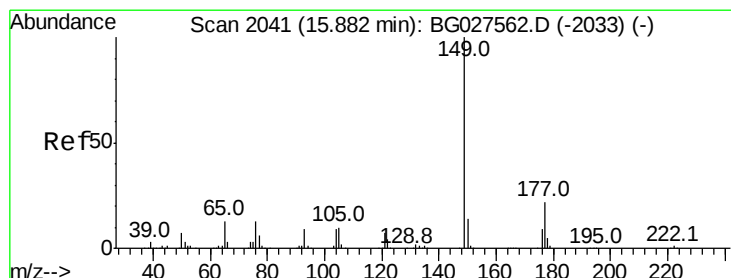
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.5	34.9	52.3
130	3.2	2.3	3.5
166	33.1	24.2	36.4

Manual Integrations
 APPROVED



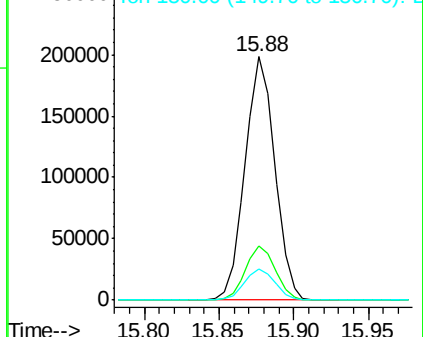
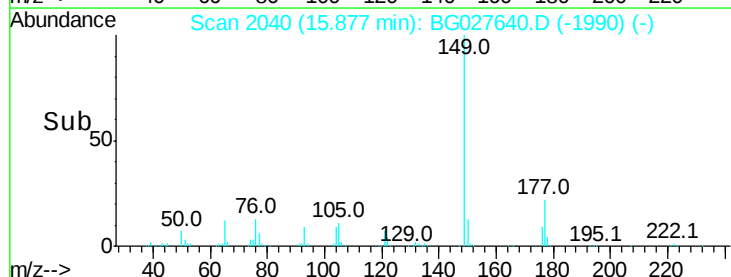
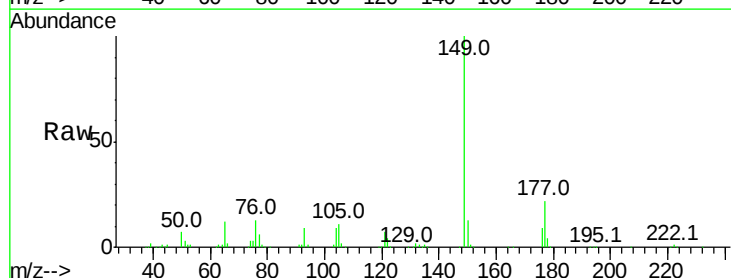
mohammad

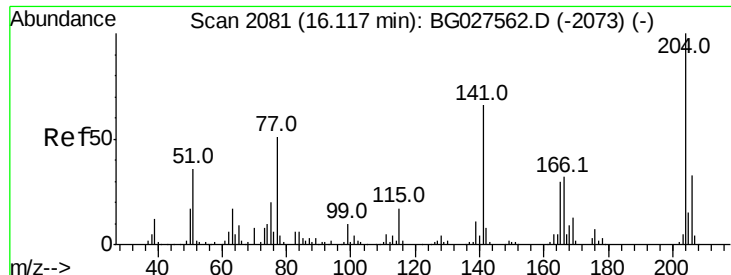
6/28/2017 1:15:32 PM



#59
 Diethylphthalate
 Concen: 49.04 ng
 RT: 15.88 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	20.1	30.1
150	12.7	10.2	15.2



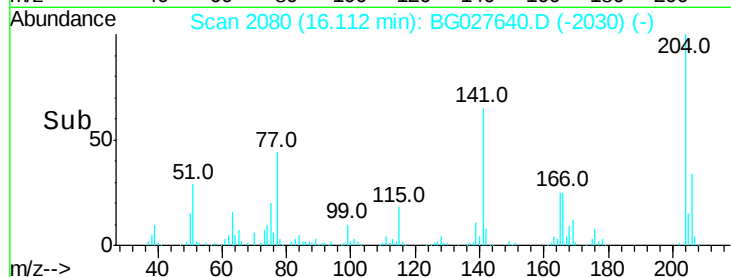
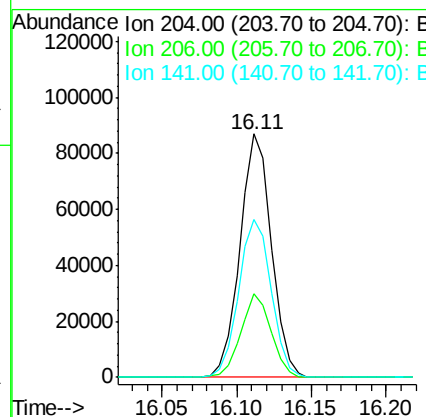
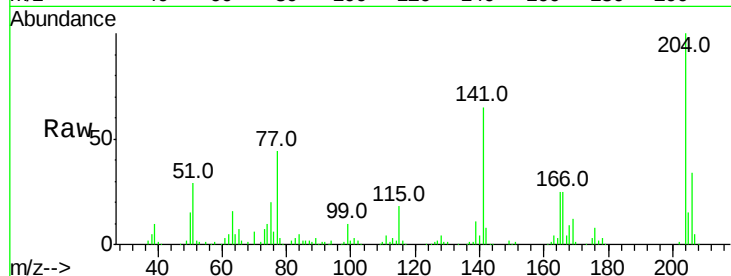


#60
4-Chlorophenyl-phenylether
Concen: 47.27 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

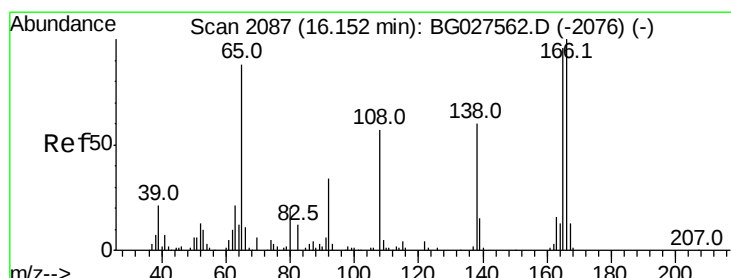
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	30.1	45.1
141	64.9	50.6	76.0

Manual Integrations
APPROVED



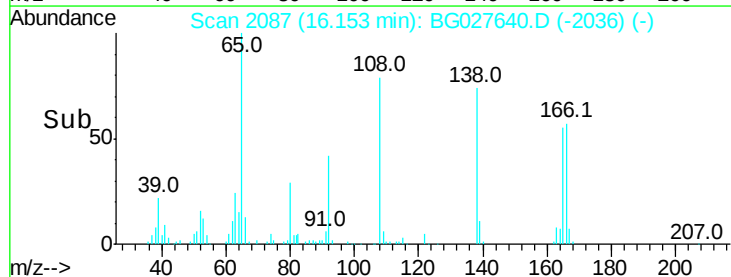
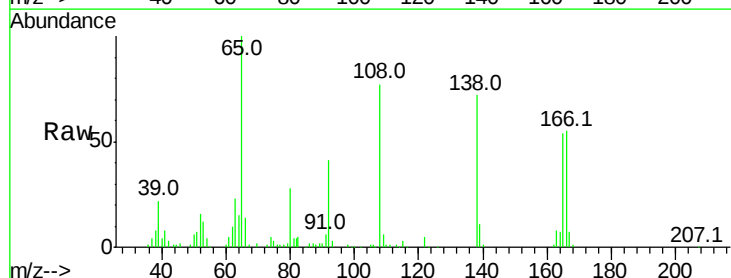
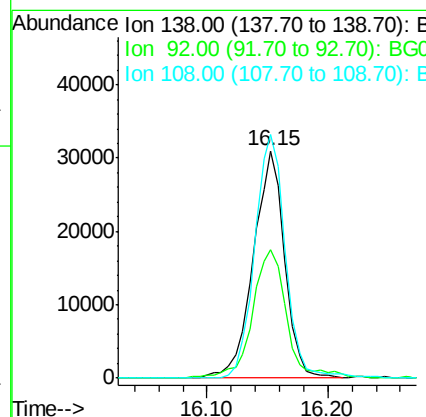
mohammad

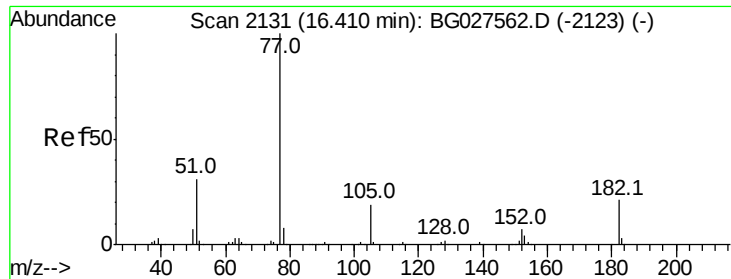
6/28/2017 1:15:32 PM



#61
4-Nitroaniline
Concen: 43.38 ng
RT: 16.15 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	44.2	84.2
108	107.2	104.8	144.8



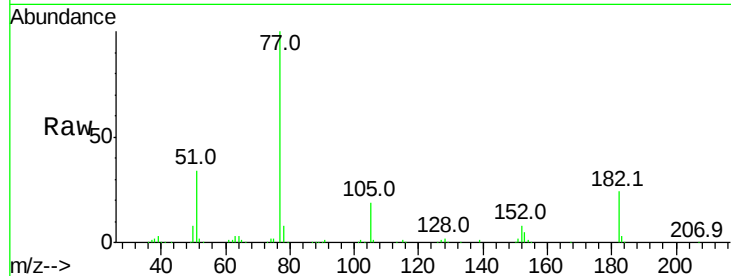


#62
Azobenzene
Concen: 47.02 ng
RT: 16.41 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

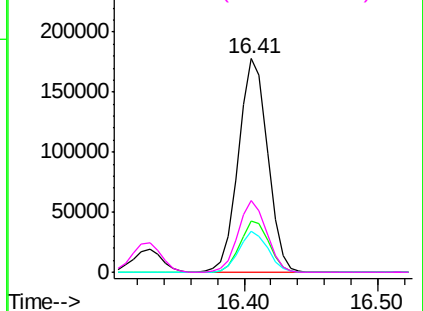
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.7	44.7
105	19.0	0.0	36.3
51	33.5	16.4	56.4

Manual Integrations
APPROVED

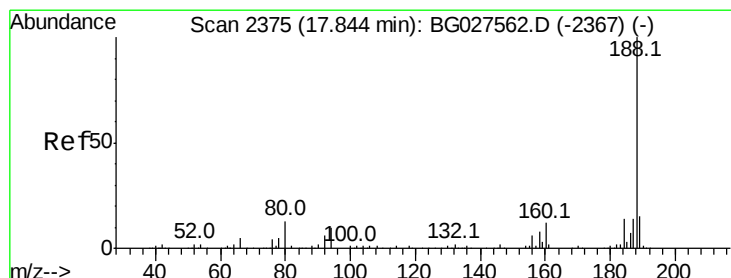
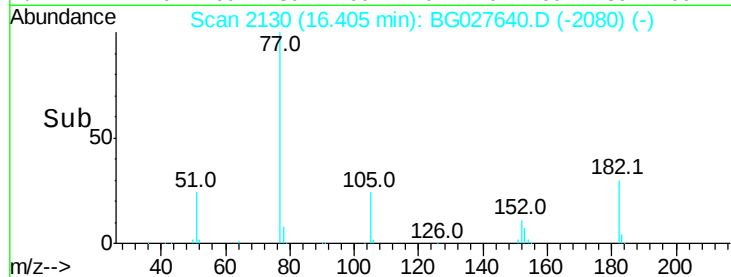


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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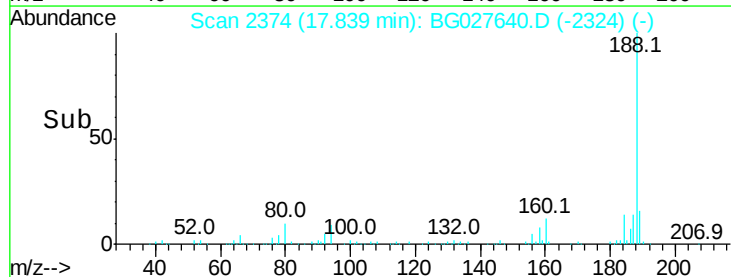
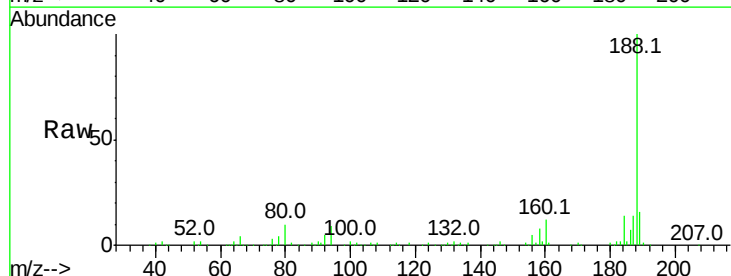
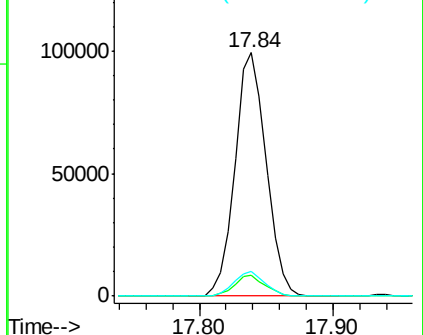
6/28/2017 1:15:32 PM

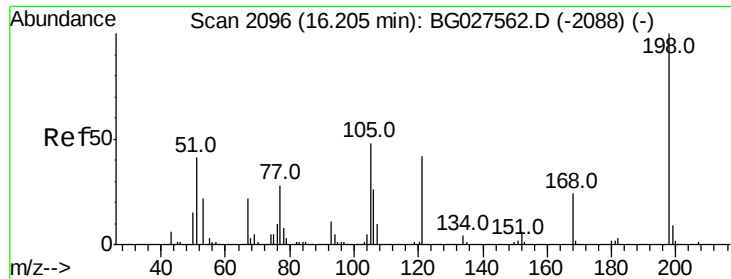


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.8
80	10.0	7.5	11.3

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



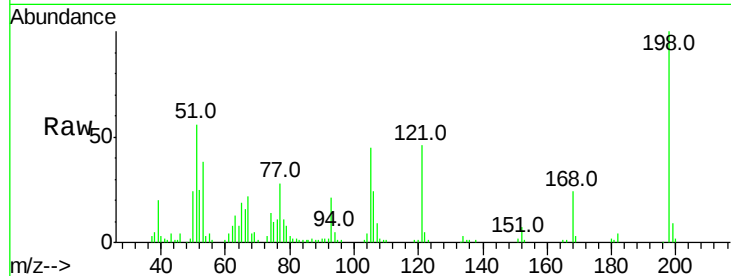


#64
4,6-Dinitro-2-methylphenol
Concen: 49.30 ng
RT: 16.20 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

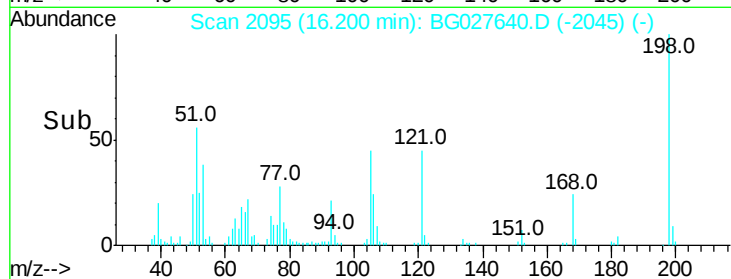
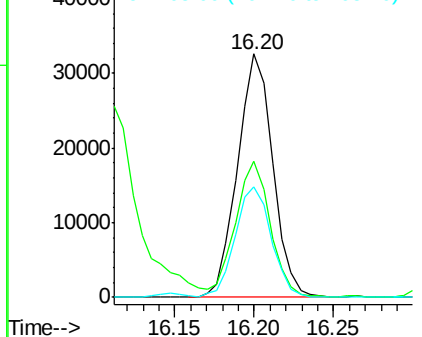
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	50202		
51	55.8	22.6	62.6	
105	45.4	14.4	54.4	

Manual Integrations
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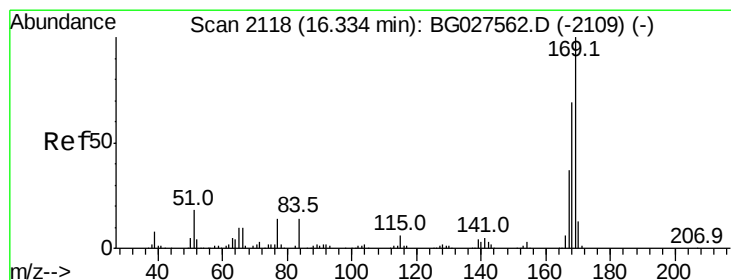


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E



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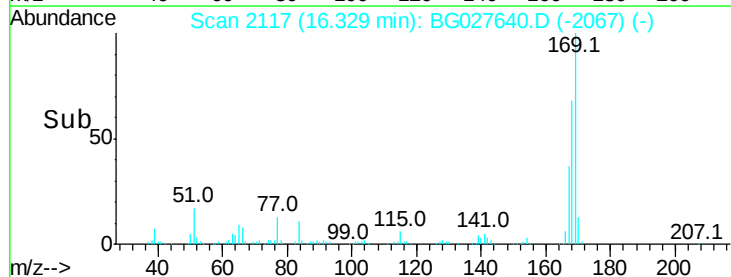
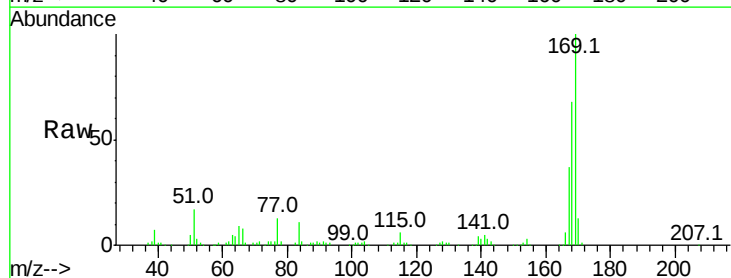
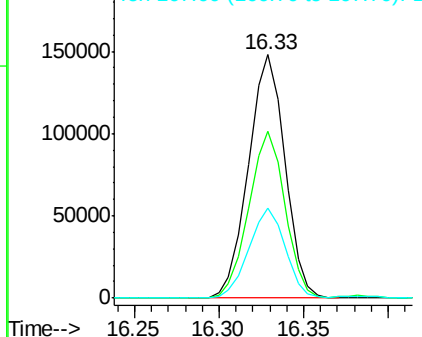
6/28/2017 1:15:32 PM

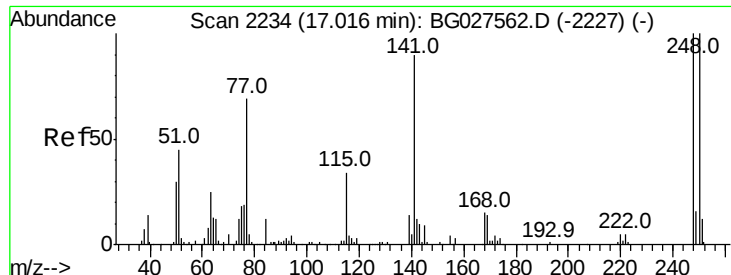


#65
n-Nitrosodiphenylamine
Concen: 45.46 ng
RT: 16.33 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	223491		
168	68.4	55.7	83.5	
167	37.0	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



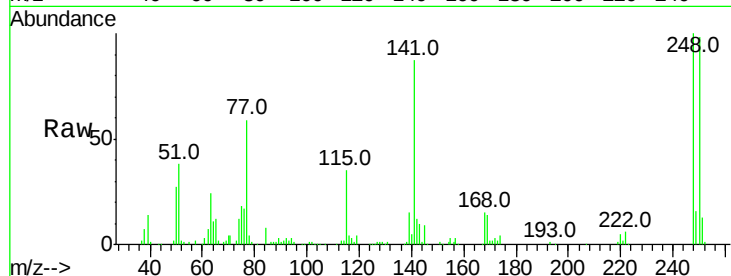


#66
4-Bromophenyl-phenylether
Concen: 48.69 ng
RT: 17.01 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.0	112.6
141	86.7	55.2	82.8

Manual Integrations
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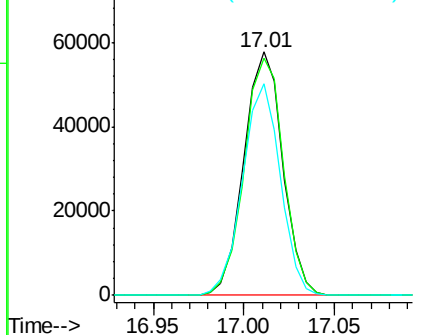


Abundance

Ion 248.00 (247.70 to 248.70): E

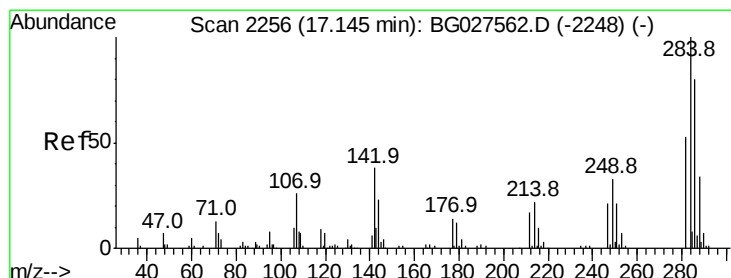
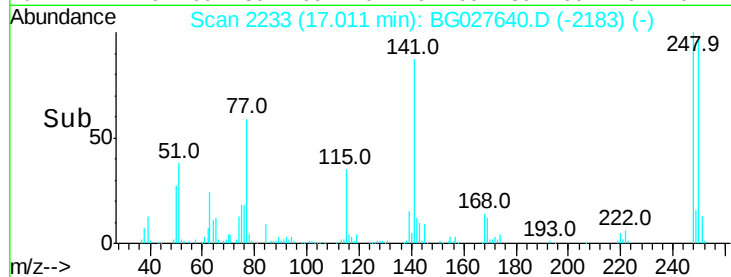
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#67
Hexachlorobenzene
Concen: 49.21 ng
RT: 17.14 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

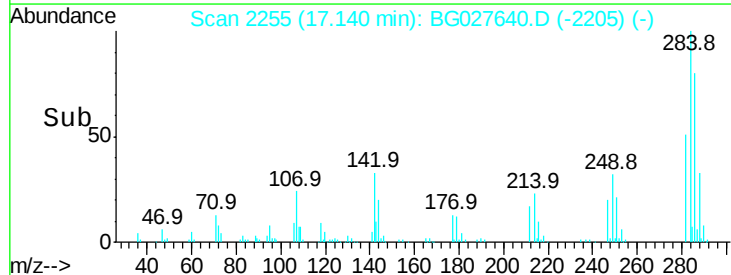
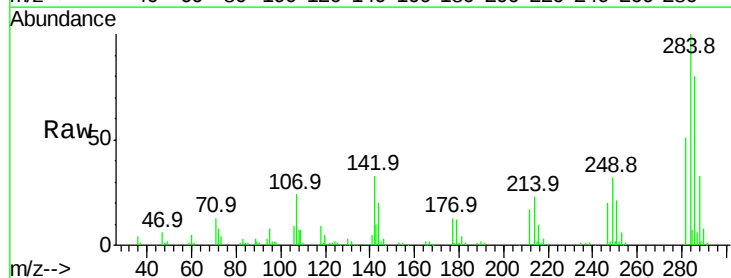
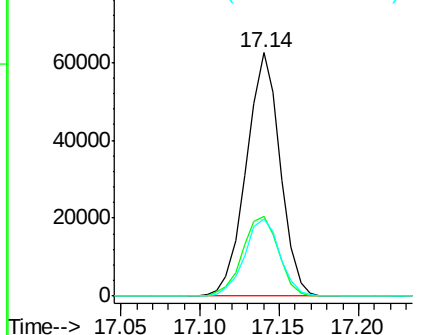
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	29.9	44.9
249	31.7	29.2	43.8

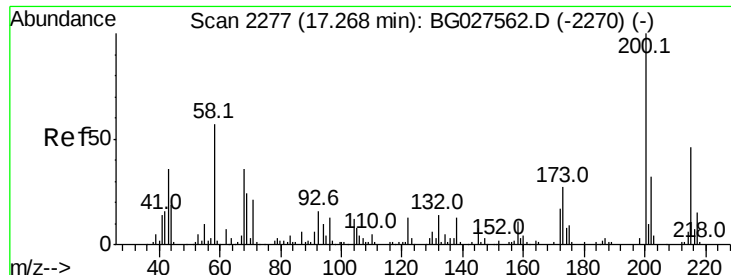
Abundance

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



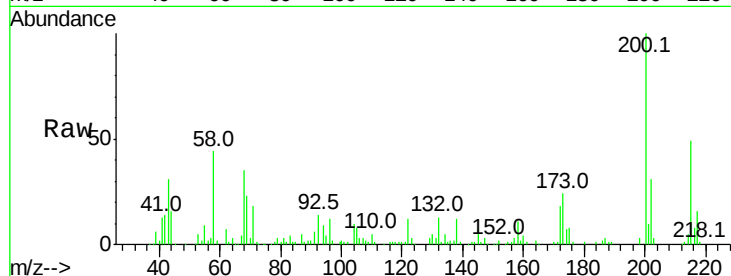


#68
Atrazine
Concen: 42.27 ng
RT: 17.26 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

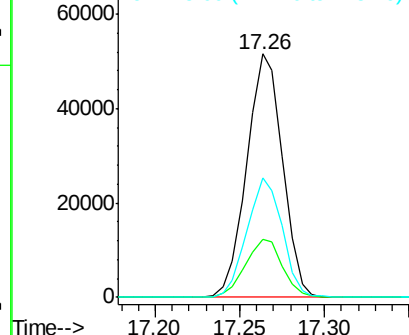
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.0	43.0
215	49.0	28.4	68.4

Manual Integrations
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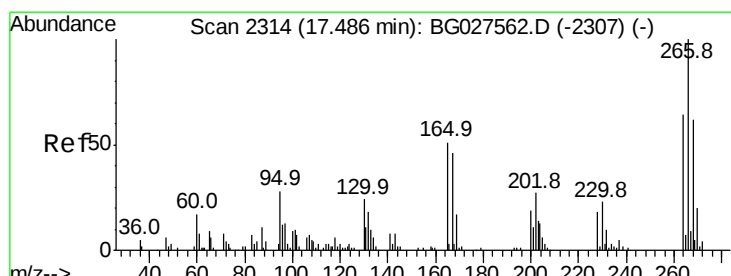
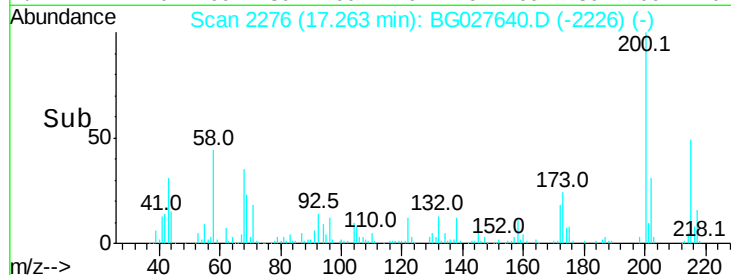


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



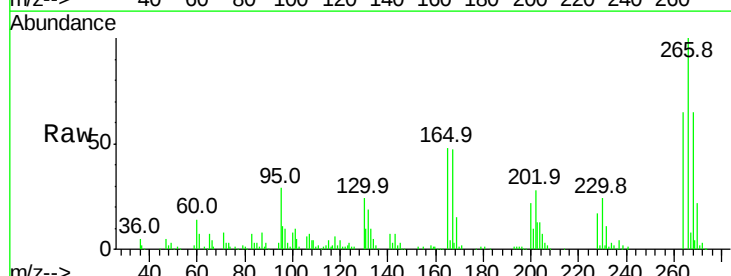
mohammad

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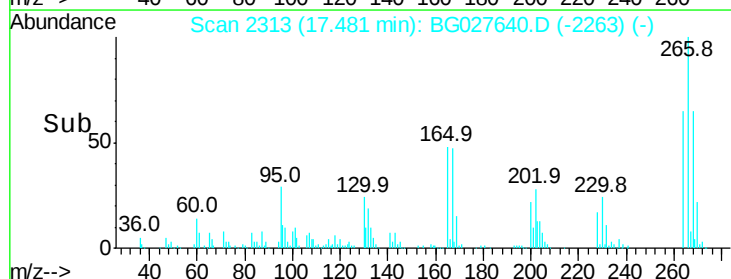
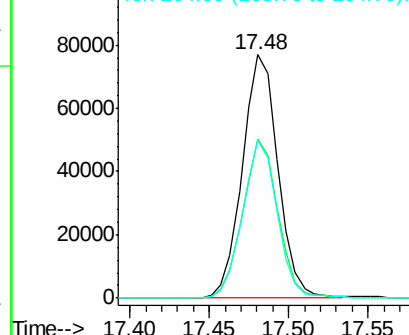


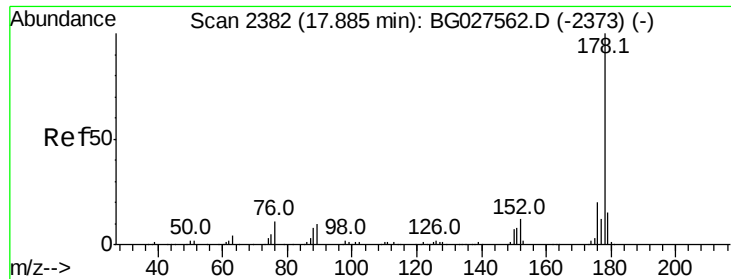
#69
Pentachlorophenol
Concen: 102.46 ng
RT: 17.48 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	48.6	72.8
264	64.8	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: 45.80 ng

RT: 17.88 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

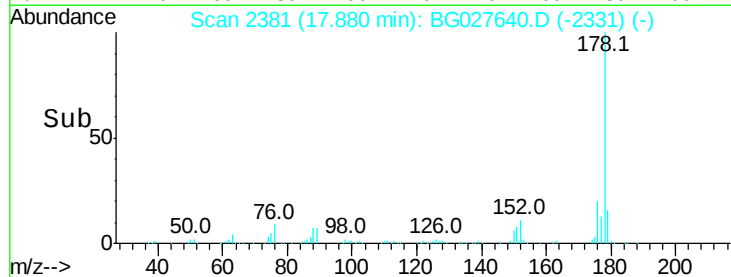
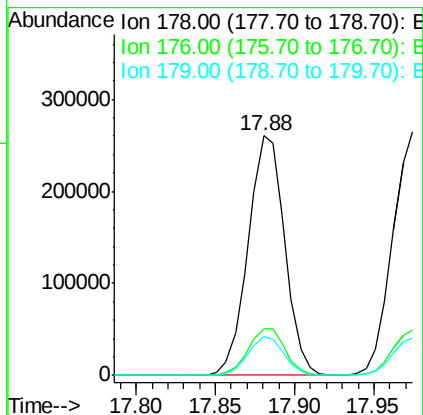
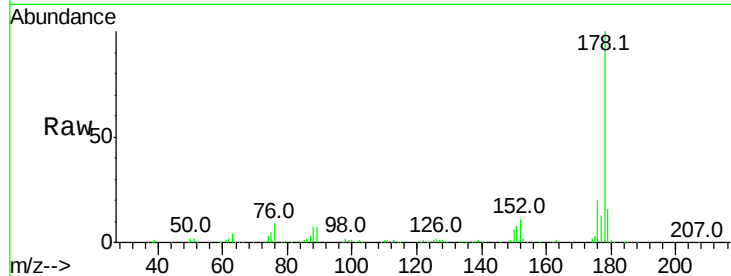
BNA_G

ClientSampleId :

CL-01-062217-AMSD

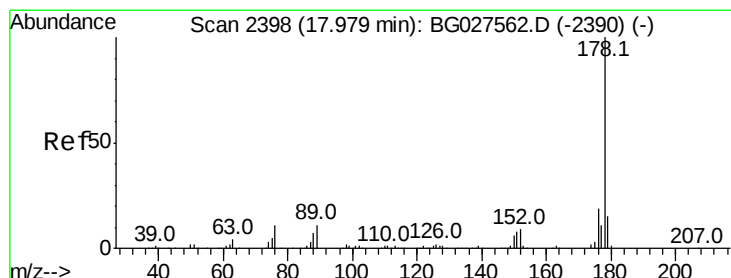
Tot Ion:178	Resp:	417789
Ion Ratio	Lower	Upper
178	100	
176	19.6	17.7 26.5
179	16.2	15.0 22.6

Manual Integrations
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#71

Anthracene

Concen: 46.62 ng

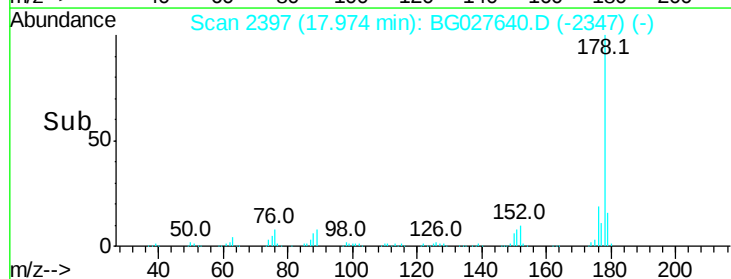
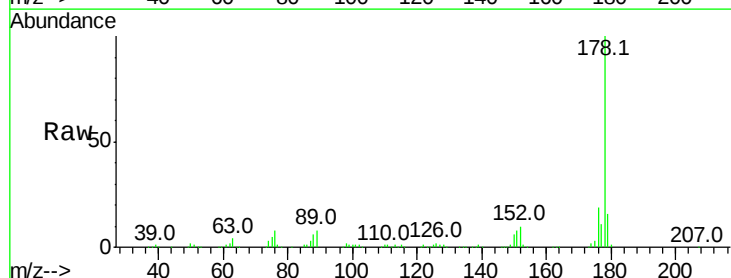
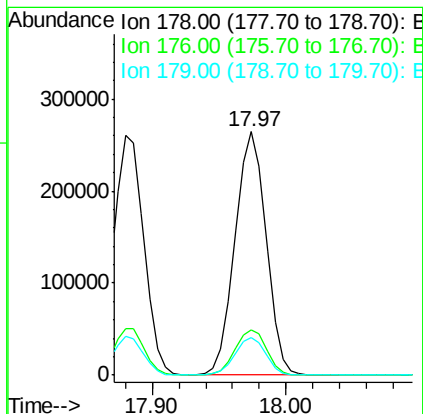
RT: 17.97 min Scan# 2397

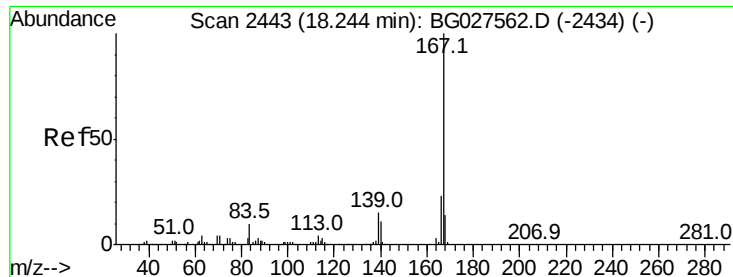
Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:178	Resp:	428215
Ion Ratio	Lower	Upper
178	100	
176	18.8	16.4 24.6
179	15.7	13.8 20.8





#72

Carbazole

Concen: 42.23 ng

RT: 18.24 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

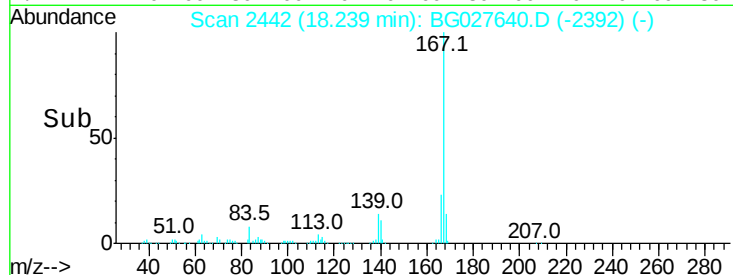
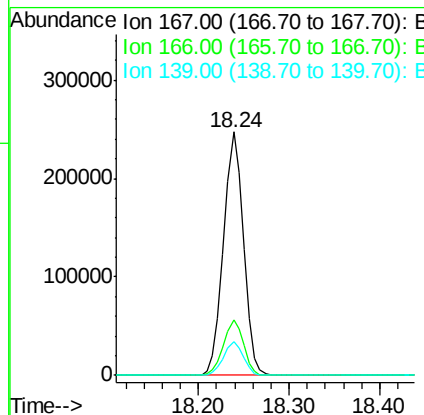
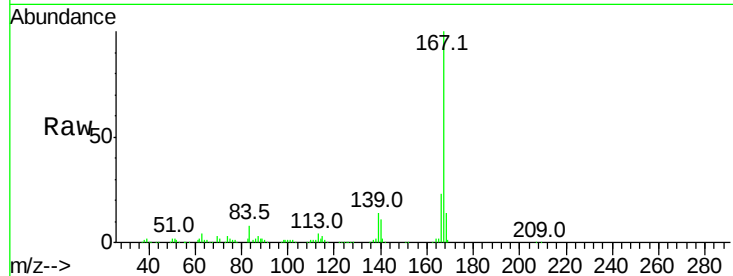
BNA_G

ClientSampleId :

CL-01-062217-AMSD

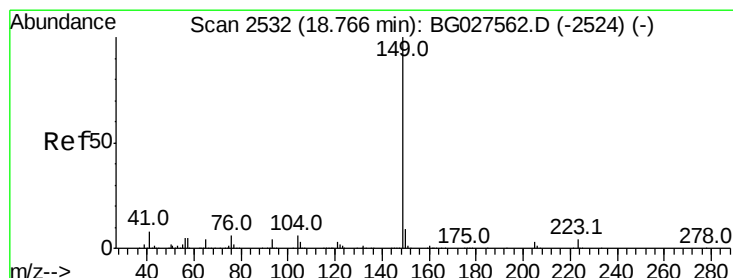
Tot Ion:	167	Resp:	377899
Ion Ratio		Lower	Upper
167	100		
166	22.7	20.2	30.2
139	13.7	12.8	19.2

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#73

Di-n-butylphthalate

Concen: 47.77 ng

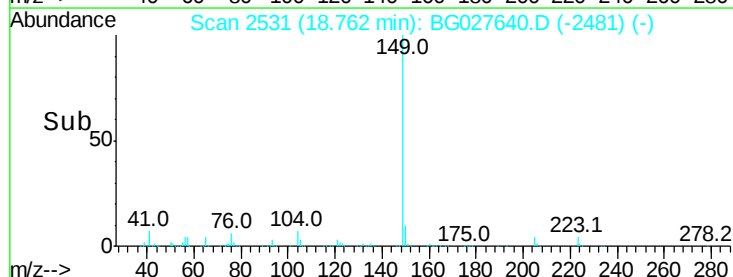
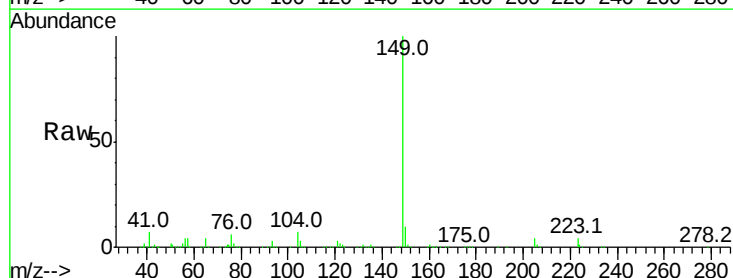
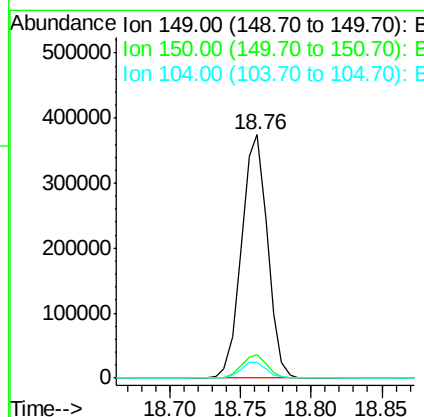
RT: 18.76 min Scan# 2531

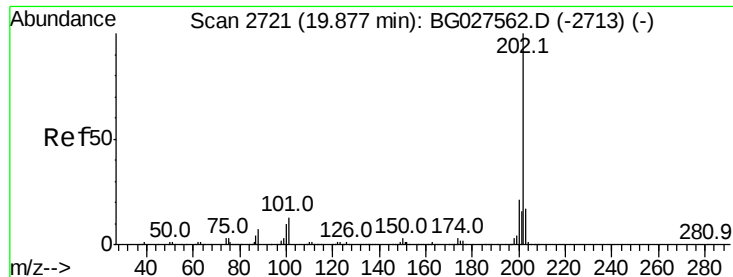
Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	149	Resp:	478894
Ion Ratio		Lower	Upper
149	100		
150	9.6	9.1	13.7
104	6.5	6.7	10.1#





#74

Fluoranthene

Concen: 47.61 ng

RT: 19.87 min Scan# 2720

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

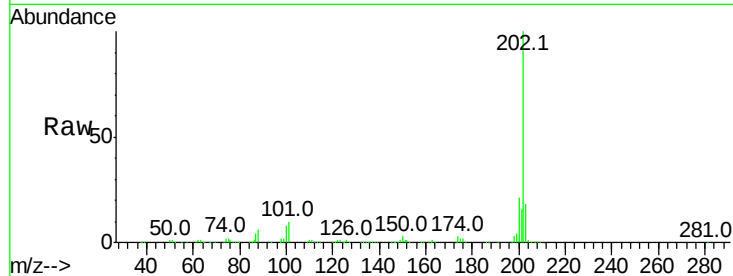
BNA_G

ClientSampleId :

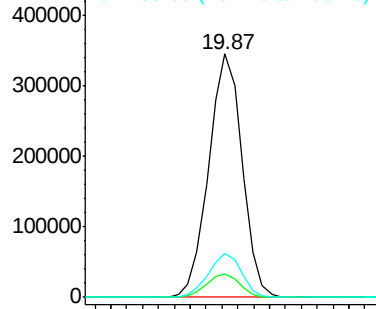
CL-01-062217-AMSD

Tot Ion:	202	Resp:	505962
Ion Ratio		Lower	Upper
202	100		
101	9.7	0.0	30.1
203	17.9	1.3	41.3

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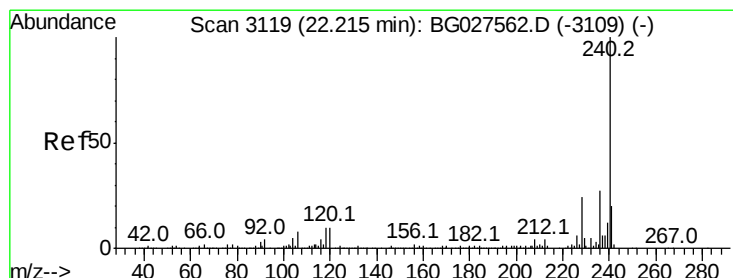
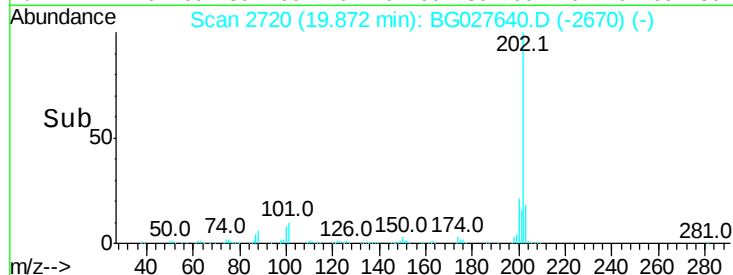


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.21 min Scan# 3118

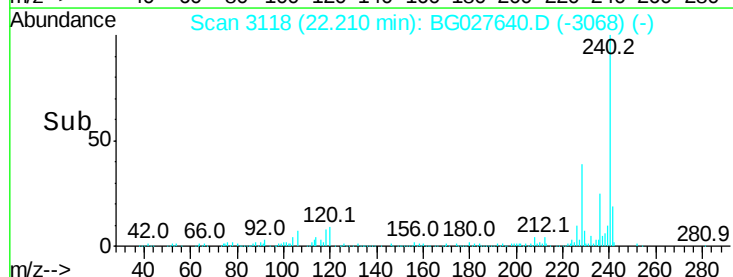
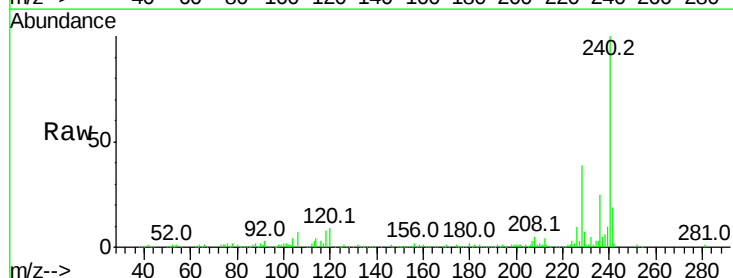
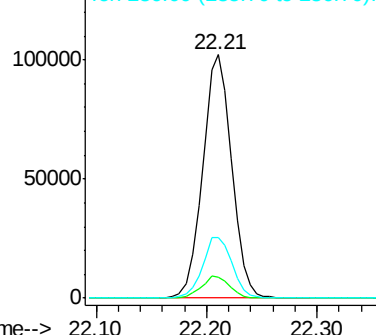
Delta R.T. -0.00 min

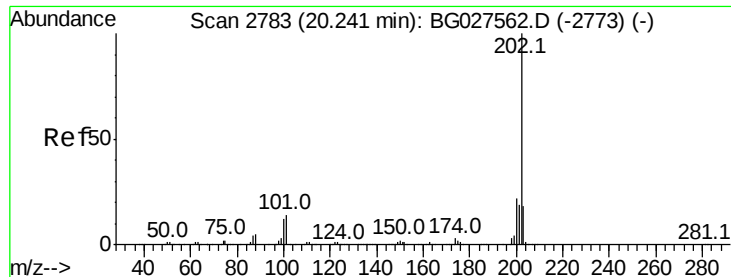
Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	240	Resp:	187619
Ion Ratio		Lower	Upper
240	100		
120	8.5	5.7	8.5#
236	24.9	22.2	33.4

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





#77

Pvrene

Concen: 45.77 ng

RT: 20.24 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

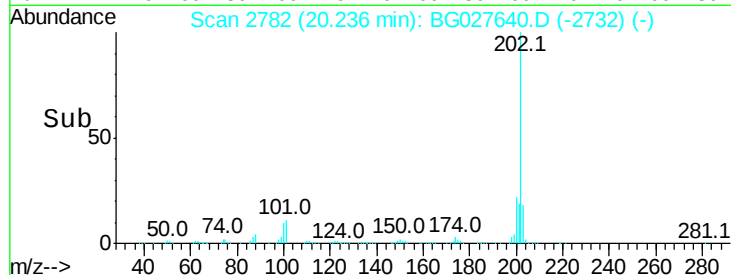
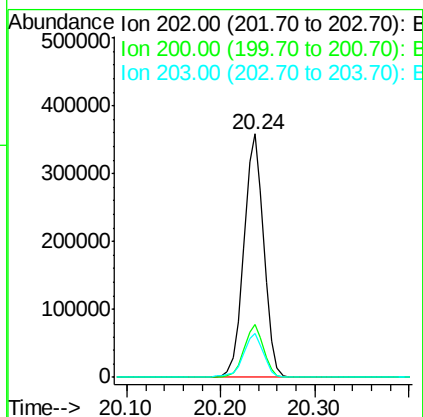
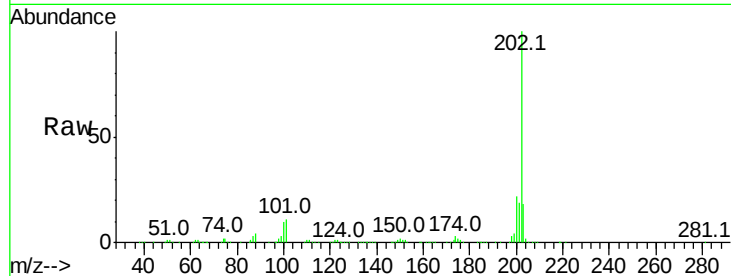
BNA_G

ClientSampleId :

CL-01-062217-AMSD

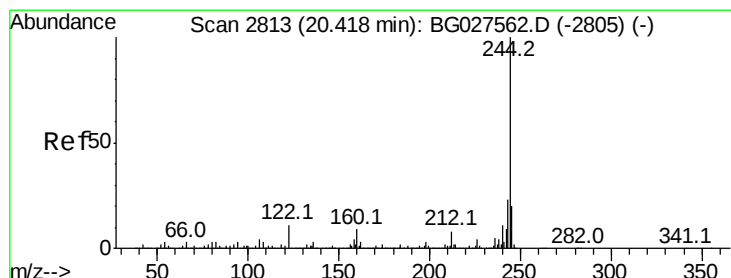
Tot Ion:	202	Resp:	521976
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.6	29.4
203	18.2	15.8	23.8

Manual Integrations
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#78

Terphenyl-d14

Concen: 99.16 ng

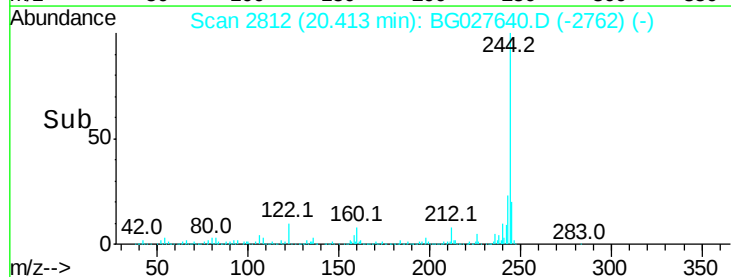
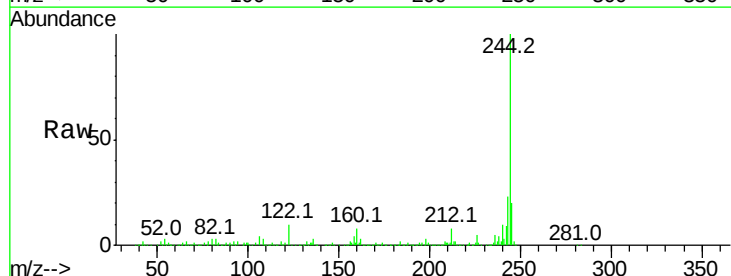
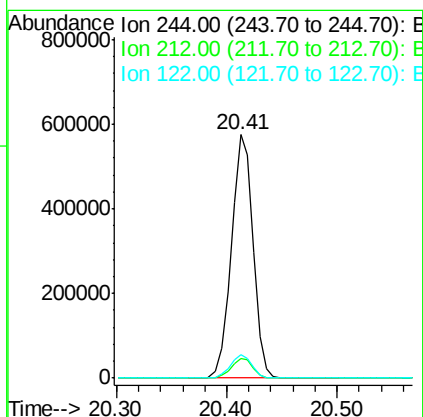
RT: 20.41 min Scan# 2812

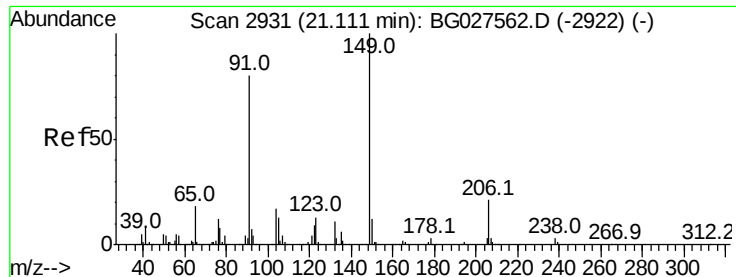
Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion:	244	Resp:	789603
Ion Ratio	Lower	Upper	
244	100		
212	8.2	10.0	15.0#
122	9.8	8.6	12.8



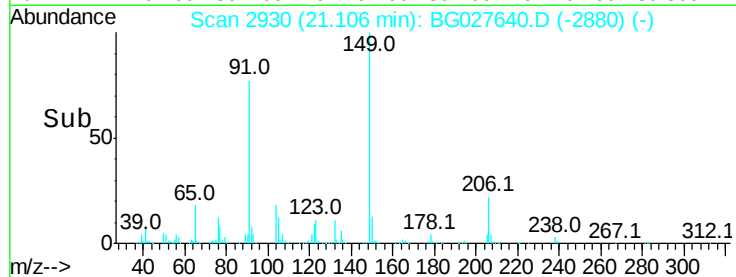
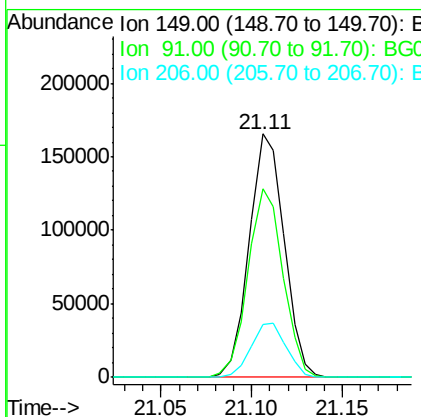
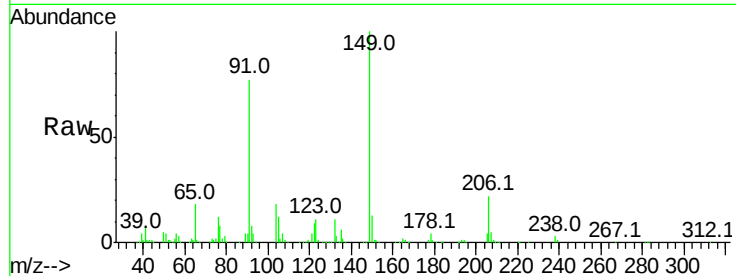


#79
Butylbenzylphthalate
Concen: 46.62 ng
RT: 21.11 min Scan# 2930
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

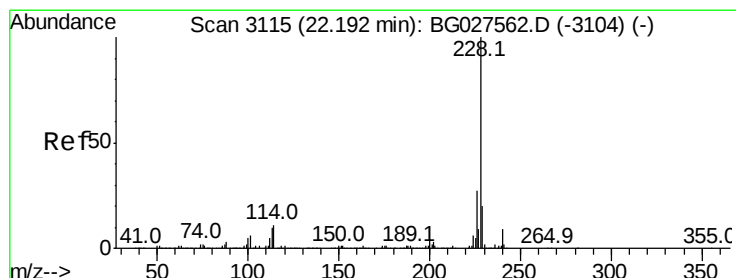
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.4	63.5	95.3
206	21.9	21.0	31.6

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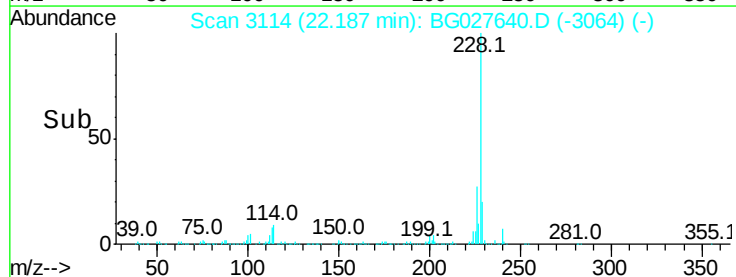
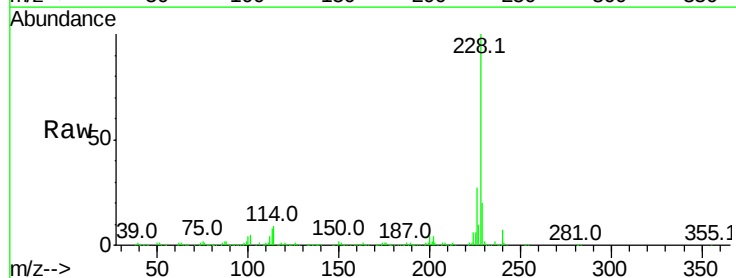
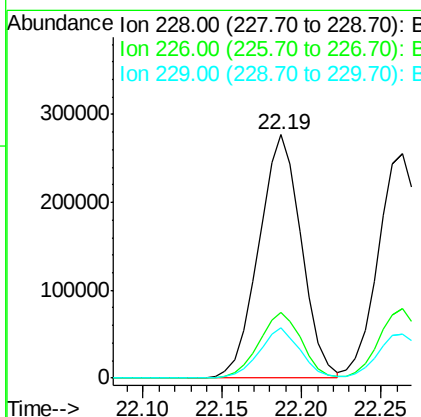
mohammad

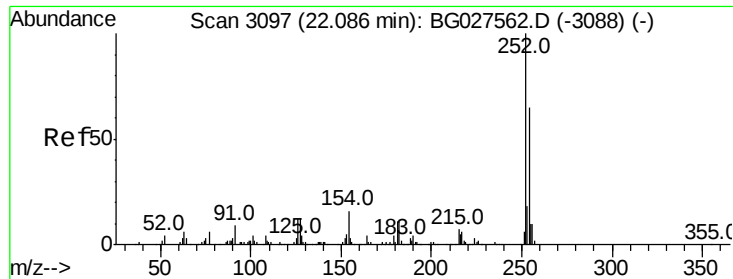
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#80
Benzo(a)anthracene
Concen: 45.85 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.9	37.3
229	20.5	18.2	27.2



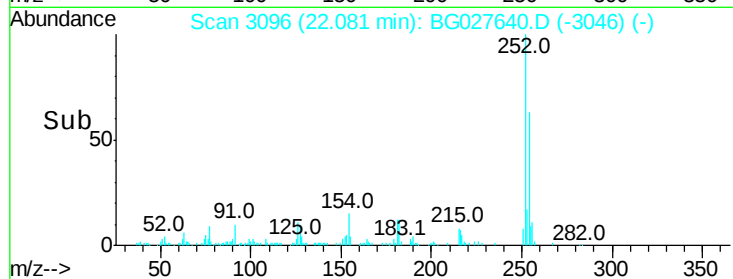
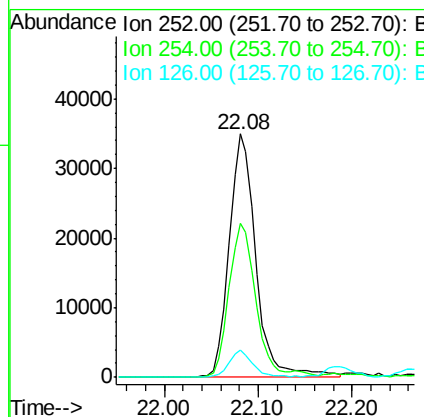
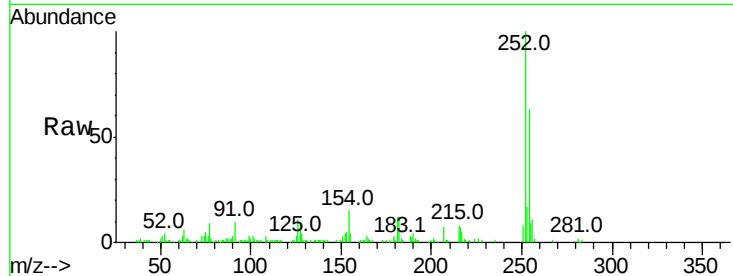


#81
 3,3'-Dichlorobenzidine
 Concen: 16.96 ng
 RT: 22.08 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

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

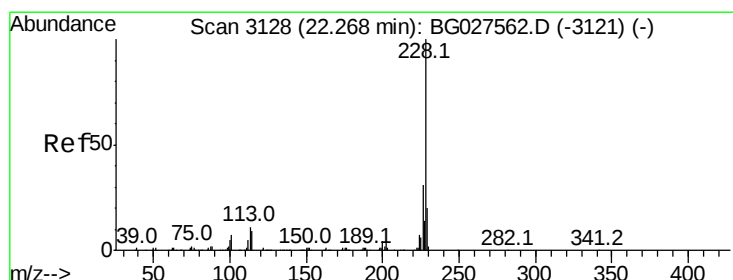
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.1	79.7
126	11.4	7.0	10.4

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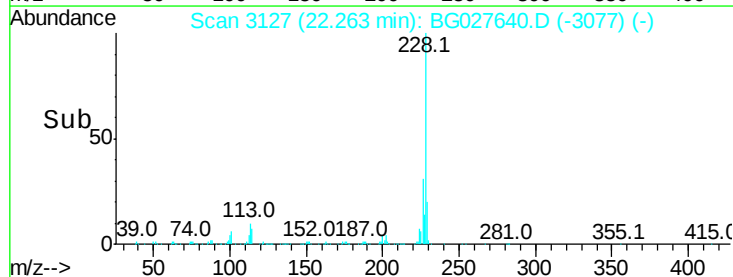
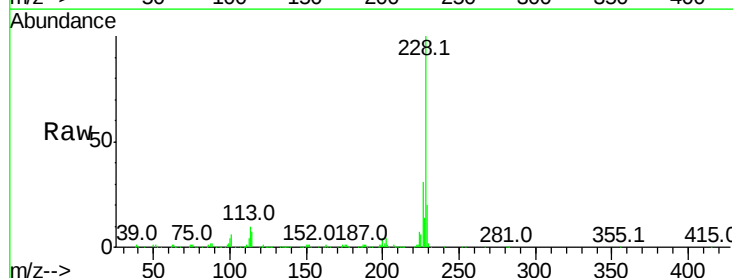
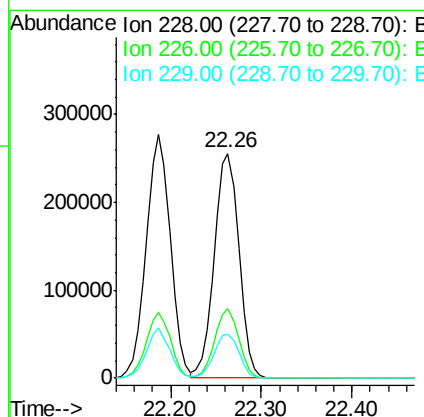
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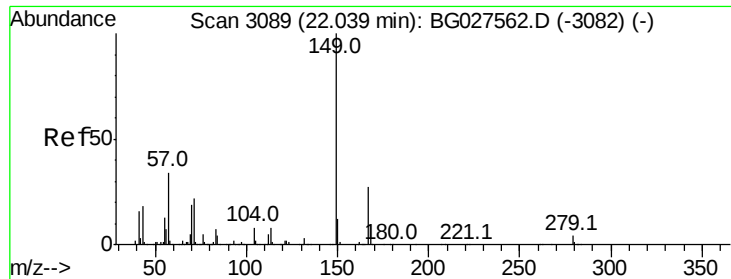
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#82
 Chrysene
 Concen: 45.36 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.0	40.4
229	19.5	17.8	26.6



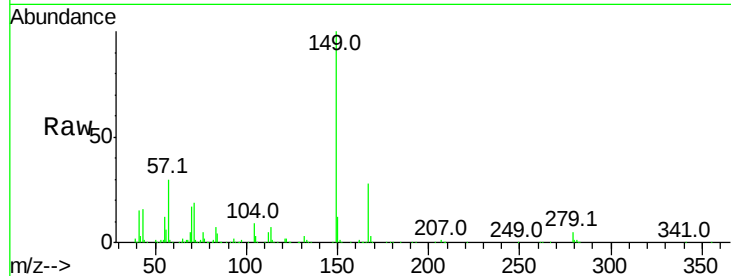


#83
Bis(2-ethylhexyl)phthalate
Concen: 45.04 ng
RT: 22.03 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.7	35.5
279	5.2	4.6	6.8

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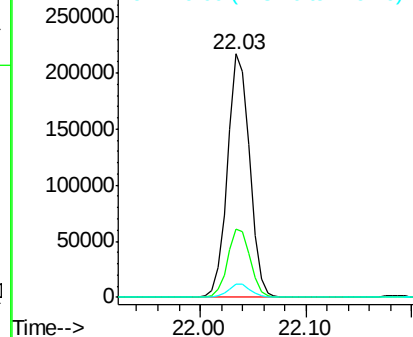


Abundance

Ion 149.00 (148.70 to 149.70): E

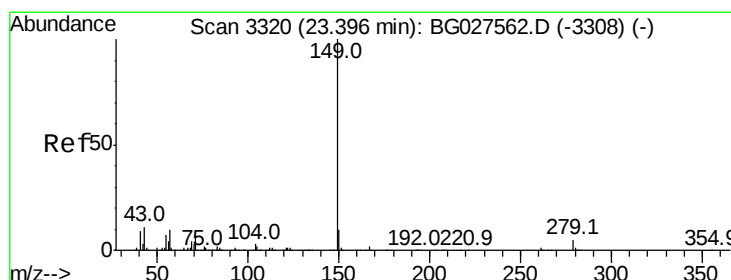
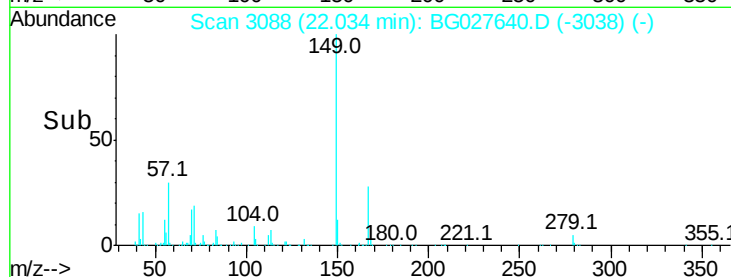
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



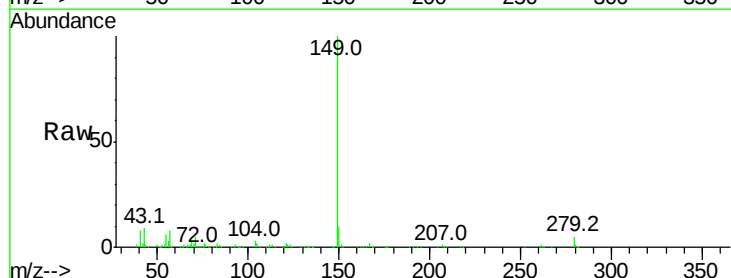
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#84
Di-n-octyl phthalate
Concen: 46.37 ng
RT: 23.39 min Scan# 3319
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.9	11.8	17.6#

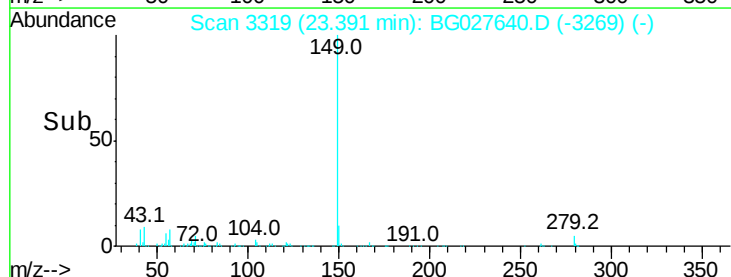
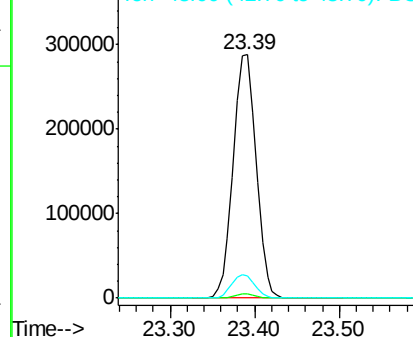


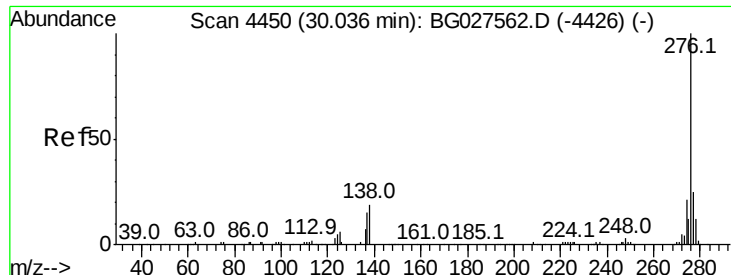
Abundance

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): BG



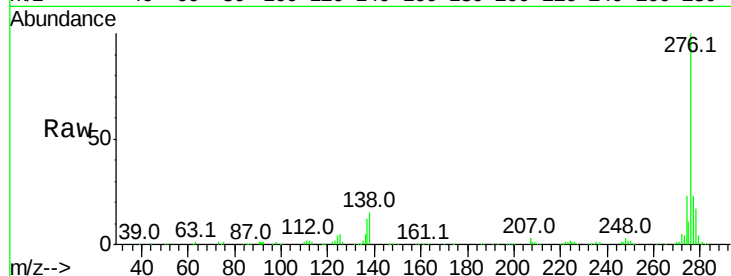


#85
Indeno(1,2,3-cd)pyrene
Concen: 48.39 ng
RT: 30.04 min Scan# 4450
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

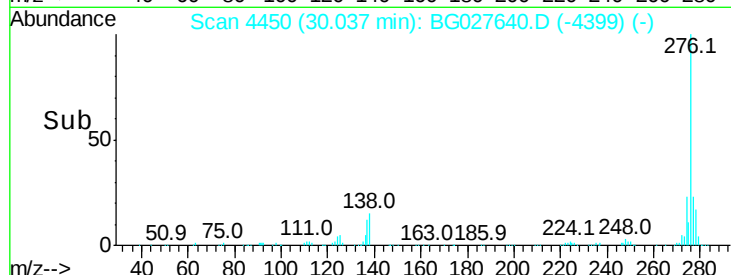
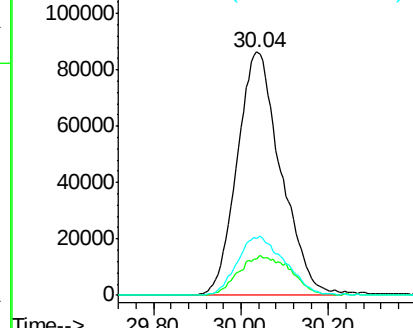
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	4.7	7.1#
277	26.4	20.6	31.0

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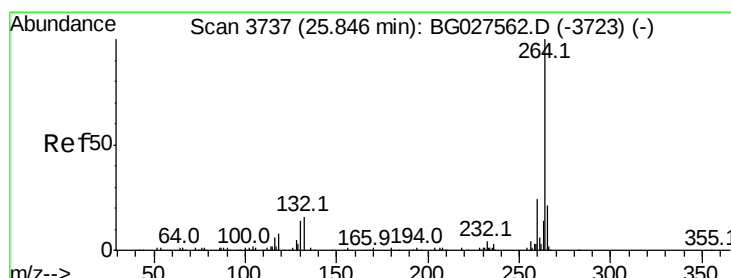


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



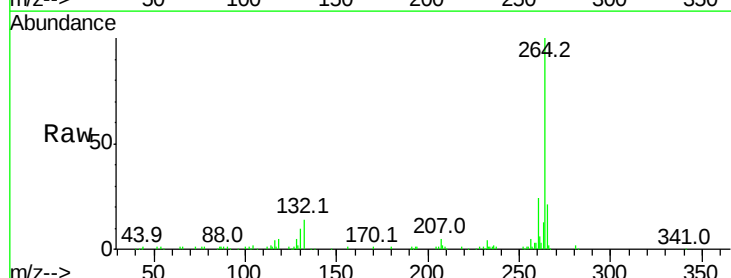
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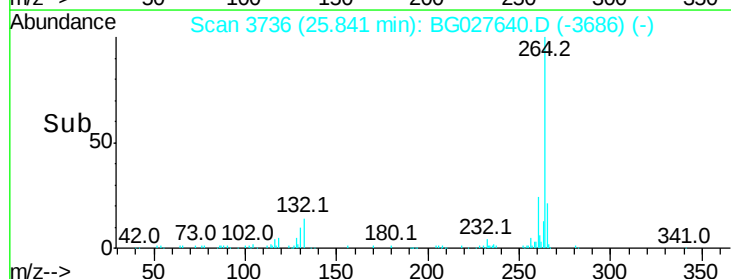
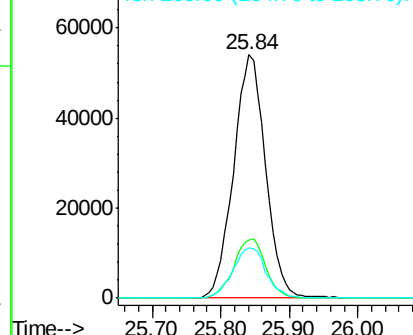


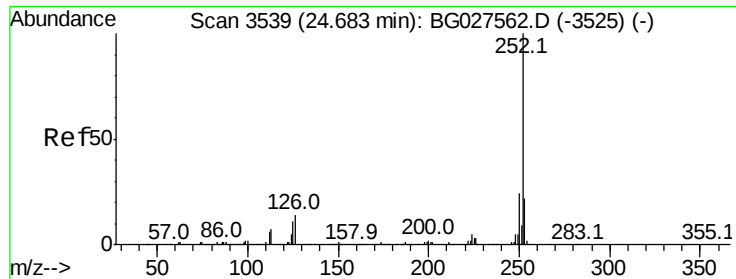
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	20.7	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.96 ng/mL

RT: 24.68 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Instrument :

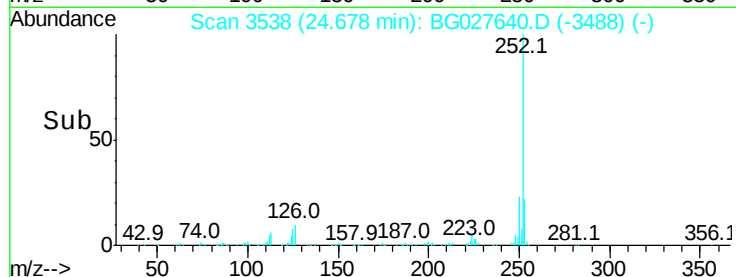
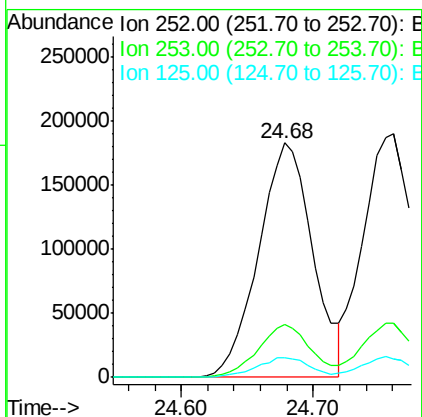
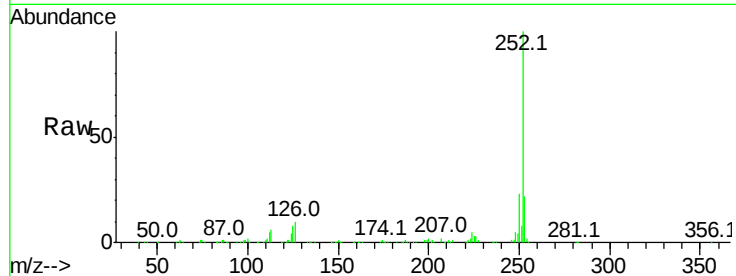
BNA_G

ClientSampleId :

CL-01-062217-AMSD

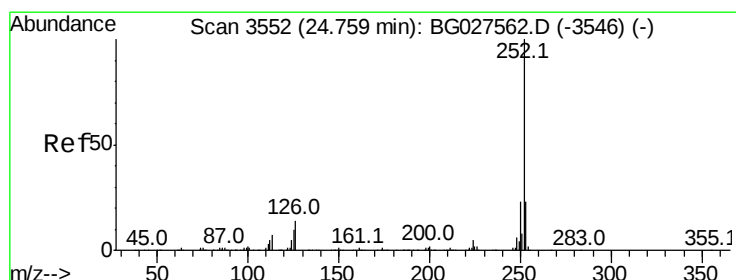
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	8.2	5.3	7.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.81 ng/mL

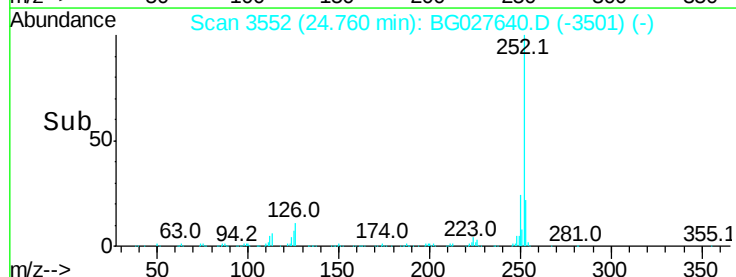
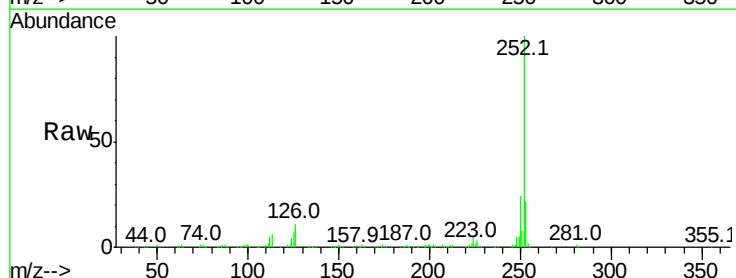
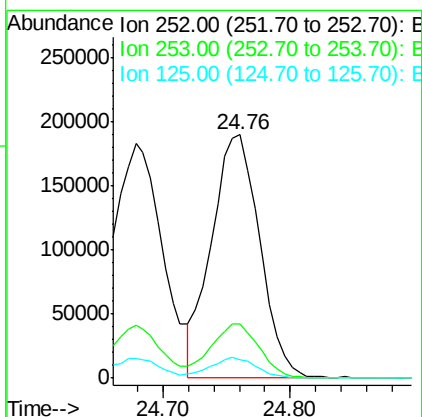
RT: 24.76 min Scan# 3552

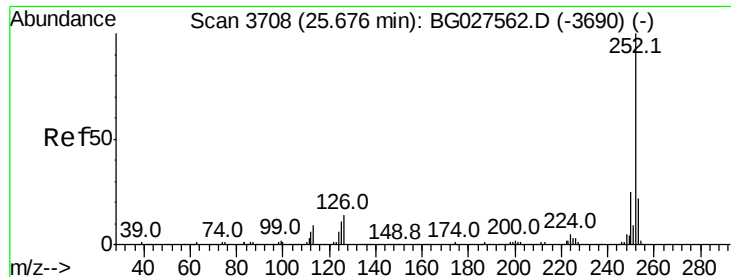
Delta R.T. 0.00 min

Lab File: BG027640.D

Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	7.4	5.1	7.7



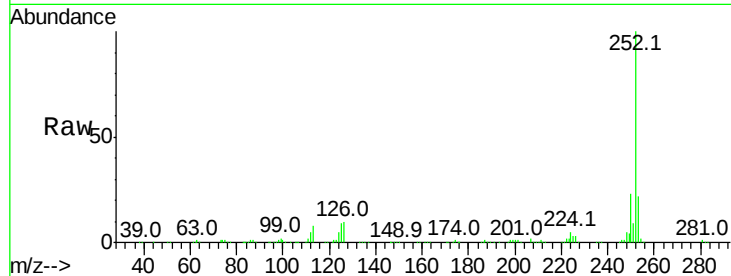


#89
Benzo(a)pyrene
Concen: 46.86 ng
RT: 25.68 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

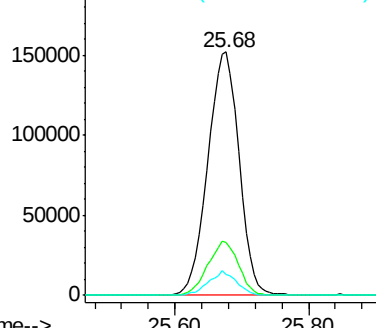
Instrument :
BNA_G
ClientSampleId :
CL-01-062217-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.2	28.8
125	8.7	5.4	8.0

Manual Integrations
APPROVED

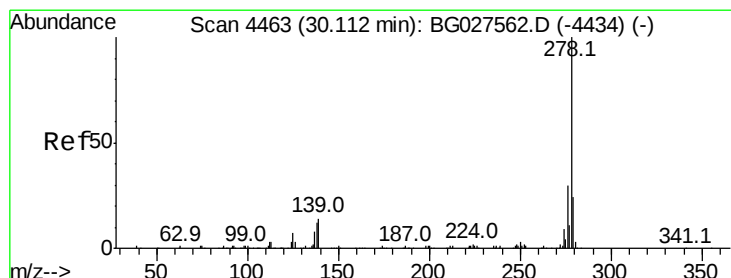
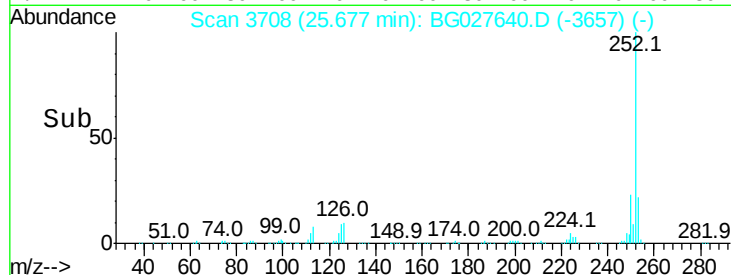


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



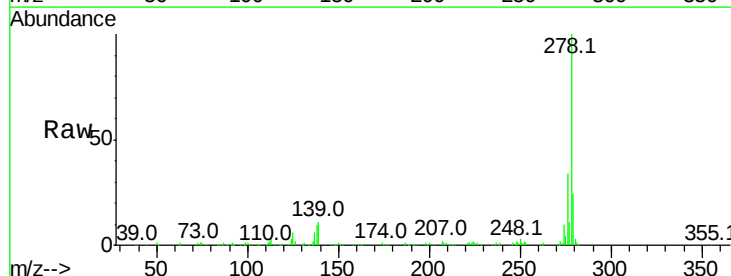
mohammad

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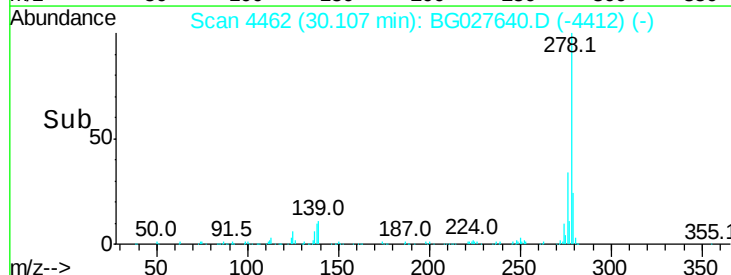
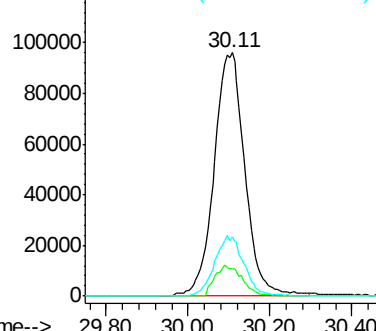


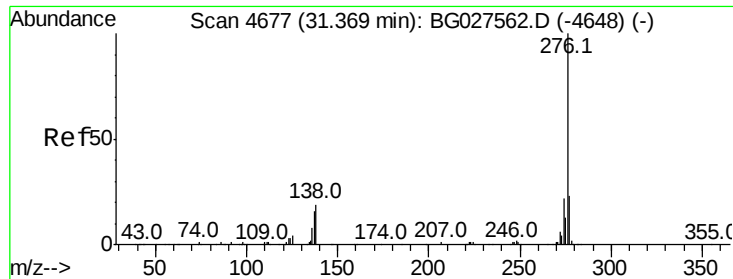
#90
Dibenzo(a,h)anthracene
Concen: 46.71 ng
RT: 30.11 min Scan# 4462
Delta R.T. -0.00 min
Lab File: BG027640.D
Acq: 23 Jun 2017 21:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	7.7	11.5
279	24.1	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



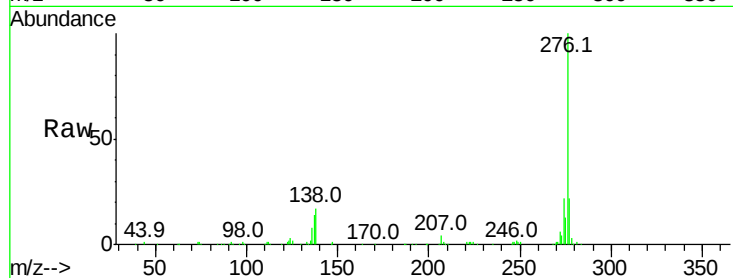


#91
 Benzo(a,h,i)perylene
 Concen: 45.70 ng
 RT: 31.35 min Scan# 4673
 Delta R.T. -0.02 min
 Lab File: BG027640.D
 Acq: 23 Jun 2017 21:11

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	27.8
138	16.8	8.1	12.1#

Manual Integrations
 APPROVED

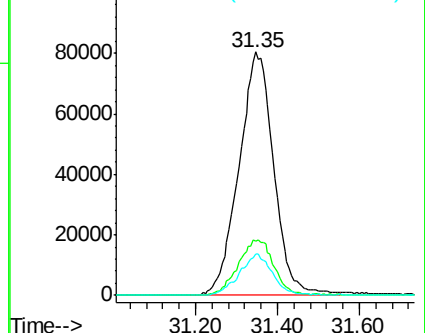
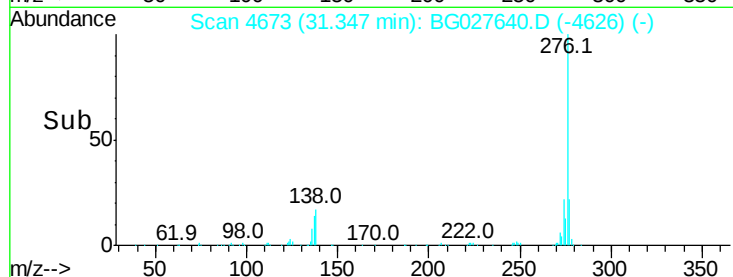


Abundance

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



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