

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027795.D
 Acq On : 1 Jul 2017 22:42
 Operator : SJ/JU
 Sample : PB100363BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:31:49 AM

Quant Time: Jul 03 07:21:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	30098	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	155017	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	103589	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	251761	20.00	ng	0.00
75) Chrysene-d12	22.18	240	265309	20.00	ng	0.00
86) Perylene-d12	25.79	264	258409	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	243878	124.78	ng	0.00
7) Phenol-d6	7.62	99	349368	117.01	ng	0.00
23) Nitrobenzene-d5	9.64	82	207675	74.68	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	207969	146.37	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	603904	83.26	ng	0.00
78) Terphenyl-d14	20.39	244	980508	86.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.04	88	18520	25.450	ng	95
3) Pyridine	4.43	79	57891	25.836	ng	92
4) n-Nitrosodimethylamine	4.34	42	36099	32.853	ng	82
6) Aniline	7.80	93	79974	23.106	ng	97
8) 2-Chlorophenol	8.05	128	91758	42.012	ng	88
9) Benzaldehyde	7.62	77	35790	20.143	ng	83
10) Phenol	7.65	94	118591	40.144	ng	83
11) bis(2-Chloroethyl)ether	7.88	93	74038	32.995	ng	98
12) 1,3-Dichlorobenzene	8.37	146	84926	36.556	ng	# 92
13) 1,4-Dichlorobenzene	8.51	146	87381	36.300	ng	96
14) 1,2-Dichlorobenzene	8.83	146	86246	36.952	ng	95
15) Benzyl Alcohol	8.70	79	79616	38.544	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.99	45	166525	34.793	ng	98
17) 2-Methylphenol	8.90	107	82529	39.487	ng	# 87
18) Hexachloroethane	9.57	117	29879	35.287	ng	86
19) n-Nitroso-di-n-propylamine	9.27	70	70783	32.584	ng	93
20) 3+4-Methylphenols	9.22	107	113922	37.798	ng	86
22) Acetophenone	9.30	105	133287	35.632	ng	# 88
24) Nitrobenzene	9.68	77	102224	35.159	ng	# 82
25) Isophorone	10.20	82	207638	34.253	ng	# 96
26) 2-Nitrophenol	10.40	139	49701	37.844	ng	# 80
27) 2,4-Dimethylphenol	10.44	122	101832	41.399	ng	91
28) bis(2-Chloroethoxy)methane	10.67	93	115667	33.656	ng	96
29) 2,4-Dichlorophenol	10.93	162	95203	44.164	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	85731	38.995	ng	92
31) Naphthalene	11.35	128	302292	36.669	ng	98
32) Benzoic acid	10.56	122	40891	31.039	ng	# 76
33) 4-Chloroaniline	11.45	127	26165	7.347	ng	# 89
34) Hexachlorobutadiene	11.62	225	52375	42.755	ng	96
35) Caprolactam	12.22	113	39533m	36.461	ng	
36) 4-Chloro-3-methylphenol	12.53	107	124695	41.108	ng	92
37) 2-Methylnaphthalene	12.92	142	233694	38.060	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	111475	40.952	ng	98
40) Hexachlorocyclopentadiene	13.25	237	140581	109.536	ng	98

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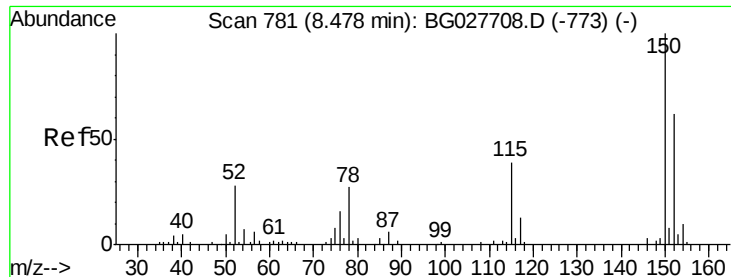
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	81605	41.508	ng	97
43) 2,4,5-Trichlorophenol	13.58	196	93049	41.769	ng	97
45) 1,1'-Biphenyl	13.90	154	317140	38.196	ng	98
46) 2-Chloronaphthalene	13.95	162	240762	38.385	ng	97
47) 2-Nitroaniline	14.15	65	92762	36.948	ng	# 82
48) Acenaphthylene	14.79	152	419815	36.629	ng	98
49) Dimethylphthalate	14.50	163	342109	38.714	ng	97
50) 2,6-Dinitrotoluene	14.63	165	77163	40.169	ng	# 80
51) Acenaphthene	15.13	154	256300	34.891	ng	97
52) 3-Nitroaniline	14.97	138	40789	18.049	ng	81
53) 2,4-Dinitrophenol	15.17	184	83119	78.966	ng	94
54) Dibenzofuran	15.46	168	405038	41.700	ng	97
55) 4-Nitrophenol	15.26	139	127101	73.676	ng	# 62
56) 2,4-Dinitrotoluene	15.41	165	110983	41.421	ng	# 86
57) Fluorene	16.11	166	354633	37.656	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	88683m	46.181	ng	
59) Diethylphthalate	15.85	149	383446	39.187	ng	96
60) 4-Chlorophenyl-phenylether	16.09	204	169973	40.770	ng	94
61) 4-Nitroaniline	16.13	138	86679	36.816	ng	# 70
62) Azobenzene	16.38	77	343365	39.934	ng	94
64) 4,6-Dinitro-2-methylphenol	16.18	198	61546	40.282	ng	80
65) n-Nitrosodiphenylamine	16.31	169	317363	38.751	ng	96
66) 4-Bromophenyl-phenylether	16.99	248	115279	43.779	ng	94
67) Hexachlorobenzene	17.12	284	119993	43.029	ng	96
68) Atrazine	17.24	200	114174	44.157	ng	97
69) Pentachlorophenol	17.46	266	139444	78.450	ng	98
70) Phenanthrene	17.86	178	568636	39.124	ng	94
71) Anthracene	17.95	178	571751	38.956	ng	96
72) Carbazole	18.22	167	497806	34.440	ng	96
73) Di-n-butylphthalate	18.73	149	634993	39.977	ng	# 93
74) Fluoranthene	19.85	202	625883	39.402	ng	94
76) Benzidine	20.02	184	196834	32.296	ng	96
77) Pyrene	20.21	202	642161	38.568	ng	95
79) Butylbenzylphthalate	21.08	149	287588	38.351	ng	# 87
80) Benzo(a)anthracene	22.15	228	620583	38.689	ng	94
81) 3,3'-Dichlorobenzidine	22.05	252	129317	22.213	ng	# 96
82) Chrysene	22.23	228	576993	38.377	ng	94
83) Bis(2-ethylhexyl)phthalate	22.01	149	412282	37.622	ng	# 96
84) Di-n-octyl phthalate	23.35	149	705598	38.974	ng	# 91
85) Indeno(1,2,3-cd)pyrene	29.95	276	723720	42.117	ng	# 72
87) Benzo(b)fluoranthene	24.63	252	643267	38.639	ng	# 96
88) Benzo(k)fluoranthene	24.71	252	613103	37.256	ng	# 93
89) Benzo(a)pyrene	25.62	252	611481	39.143	ng	# 94
90) Dibenzo(a,h)anthracene	30.02	278	610506	38.577	ng	# 95
91) Benzo(g,h,i)perylene	31.26	276	588527	38.696	ng	# 91

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



#1

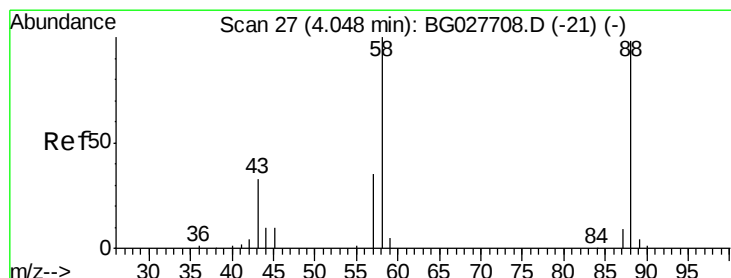
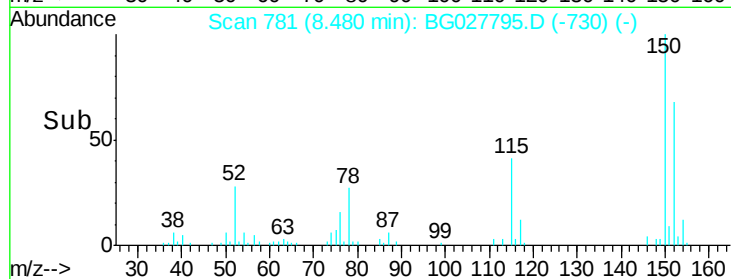
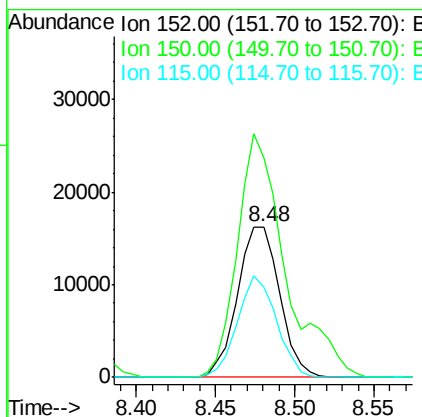
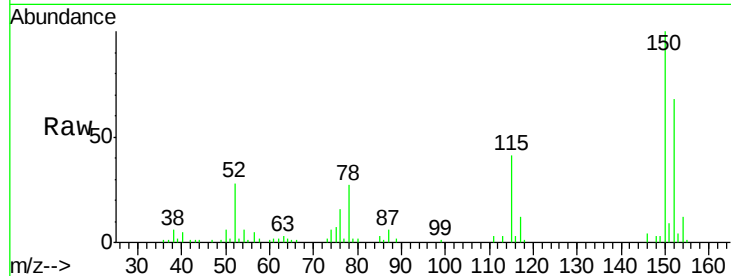
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	114.0	171.0
115	60.1	48.1	72.1

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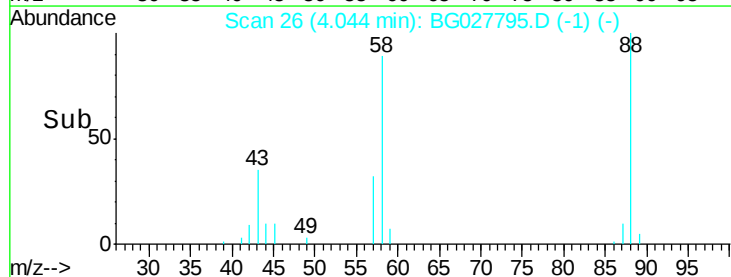
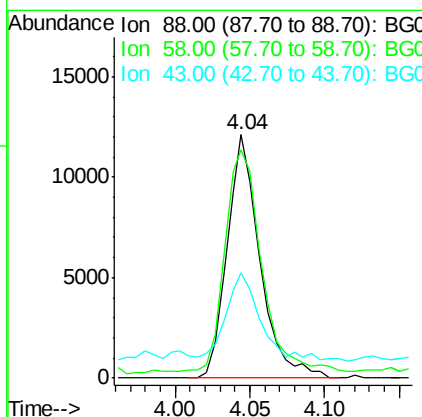
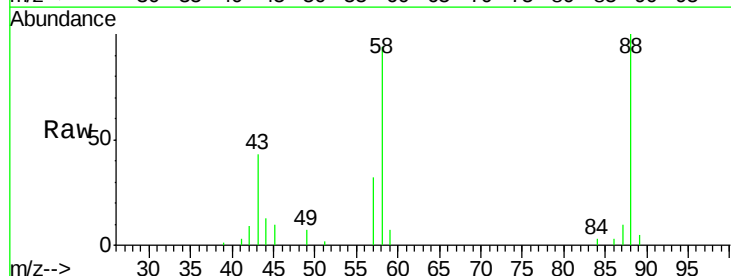
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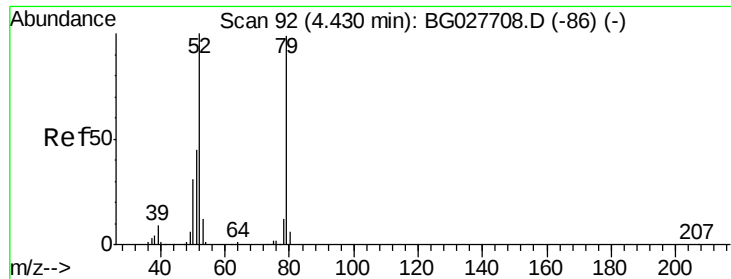


#2

1,4-Dioxane
Concen: 25.450 ng
RT: 4.04 min Scan# 26
Delta R.T. -0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.2	79.4	119.2
43	38.9	33.8	50.6





#3

Pyridine

Concen: 25.836 ng

RT: 4.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

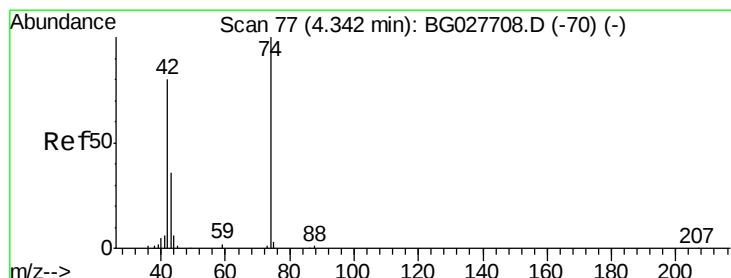
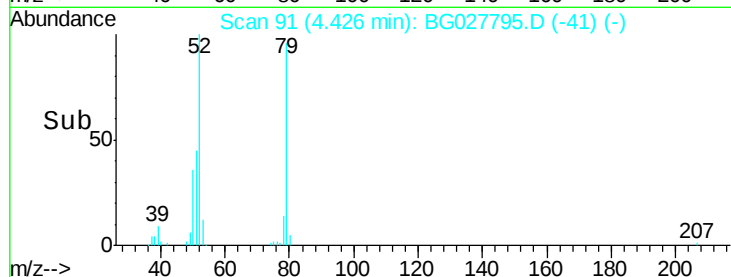
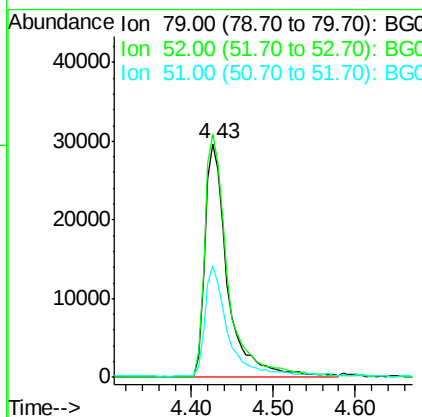
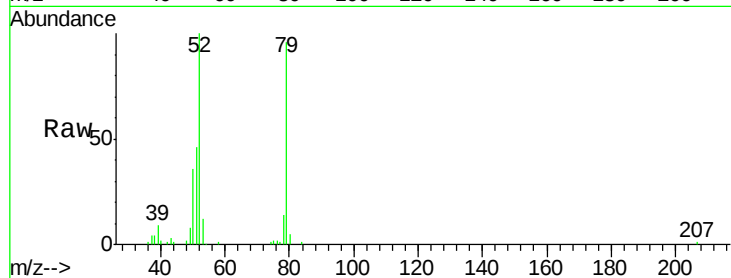
ClientSampleId :

PB100363BS

Tgt Ion:	79	Resp:	57891
Ion	Ratio	Lower	Upper
79	100		
52	104.1	77.8	116.6
51	47.8	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 32.853 ng

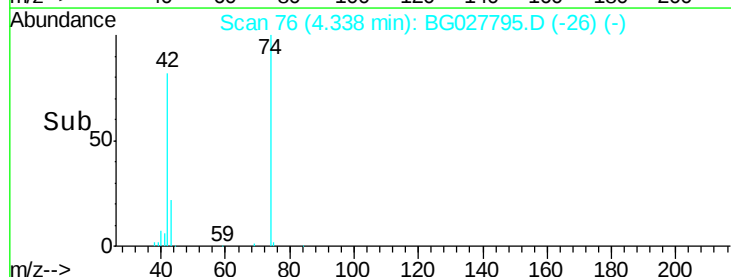
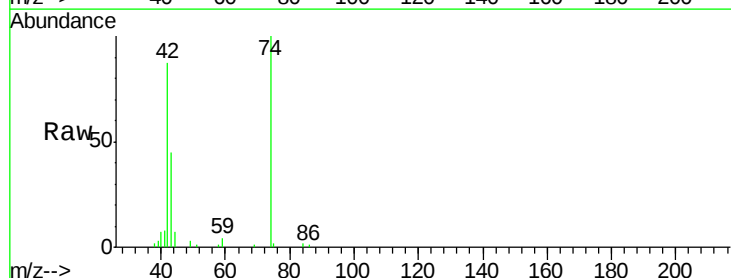
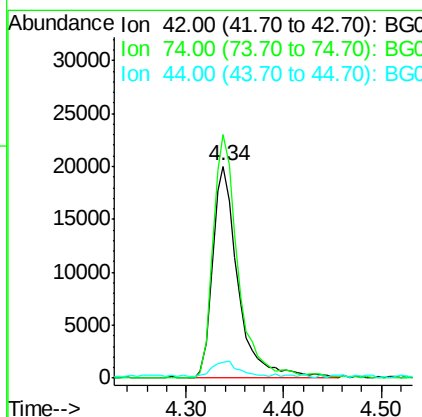
RT: 4.34 min Scan# 76

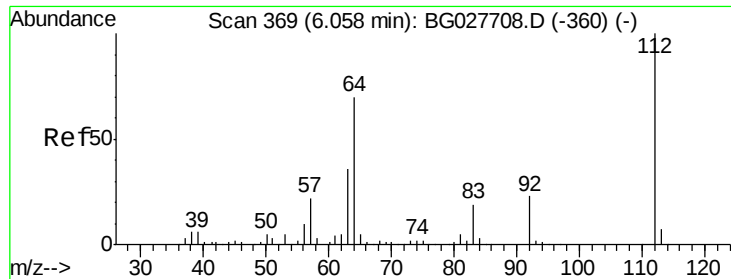
Delta R.T. -0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Tgt Ion:	42	Resp:	36099
Ion	Ratio	Lower	Upper
42	100		
74	114.8	76.7	115.1
44	7.6	6.1	9.1





#5

2-Fluorophenol

Concen: 124.776 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027795.D

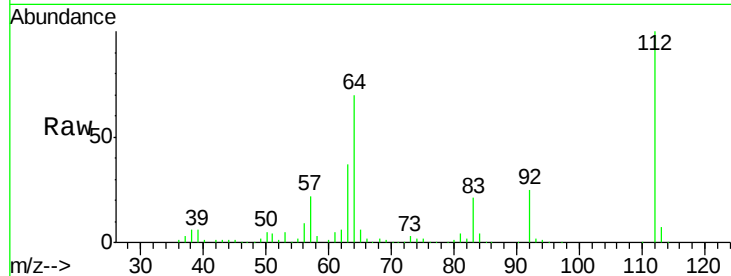
Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

PB100363BS



Tgt Ion: 112 Resp: 243878

Ion Ratio Lower Upper

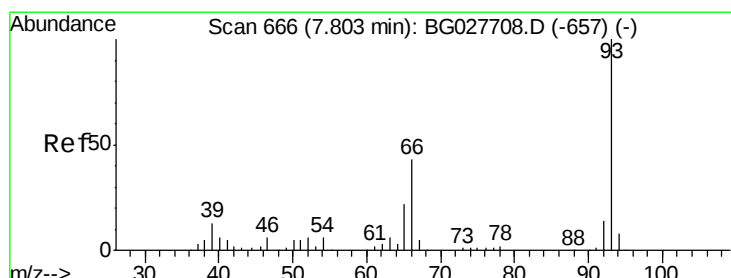
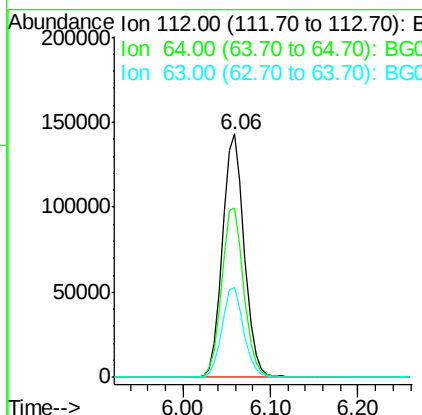
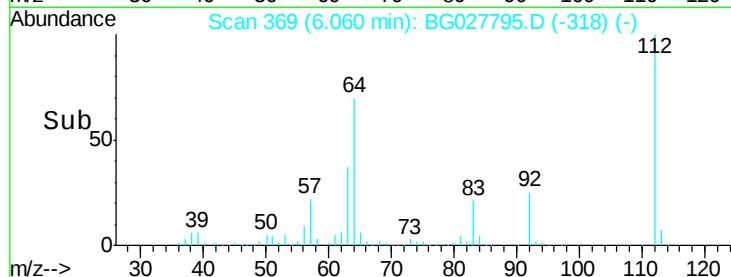
112 100

64 69.6 61.8 92.6

63 37.1 37.2 55.8#

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#6

Aniline

Concen: 23.106 ng

RT: 7.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

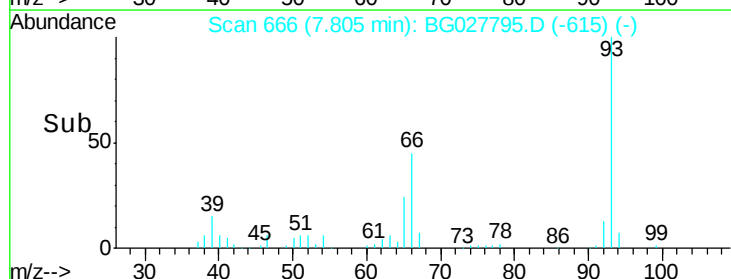
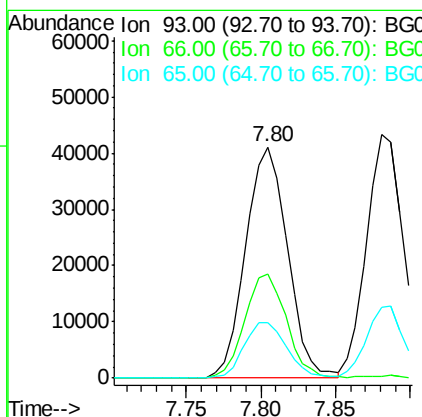
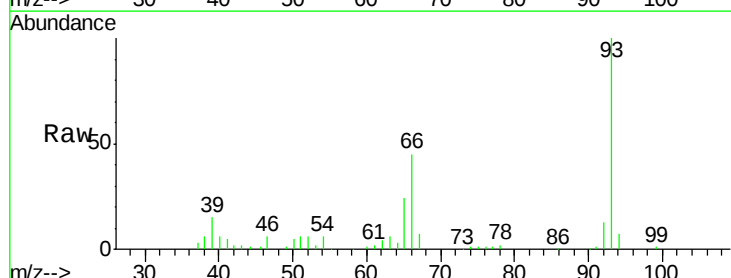
Tgt Ion: 93 Resp: 79974

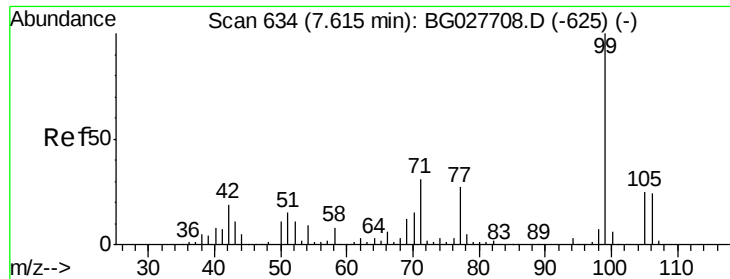
Ion Ratio Lower Upper

93 100

66 45.1 35.4 53.2

65 23.8 21.2 31.8





#7

Phenol-d6

Concen: 117.005 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

PB100363BS

Tgt Ion: 99 Resp: 349368

Ion Ratio Lower Upper

99 100

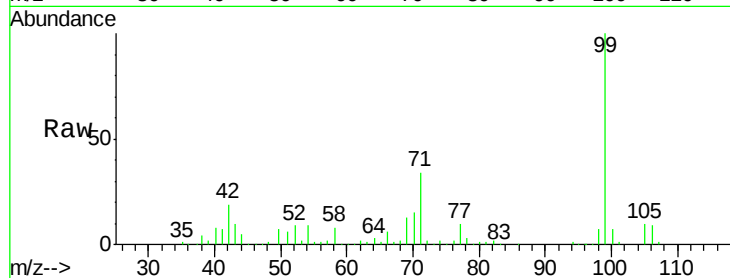
42 19.1 20.5 30.7#

71 34.1 37.6 56.4#

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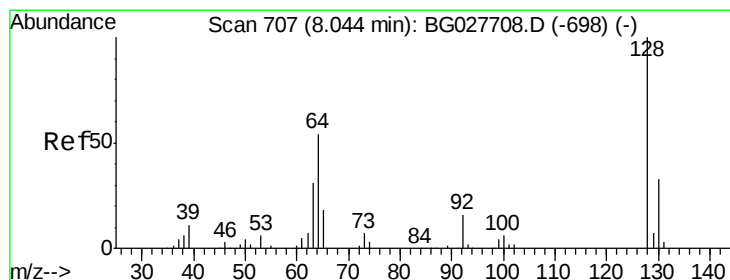
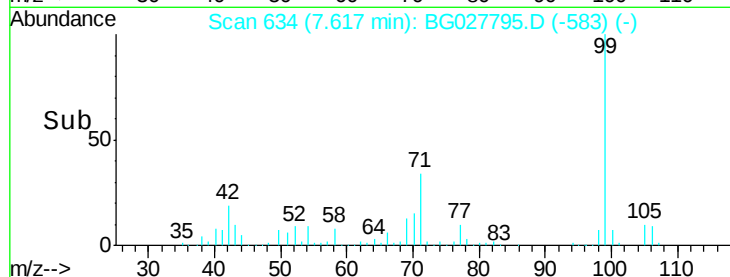
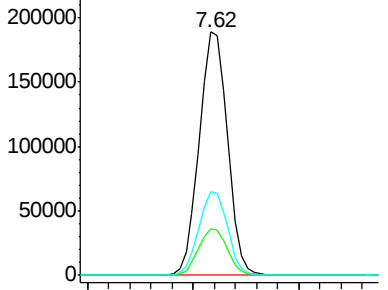
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.012 ng

RT: 8.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

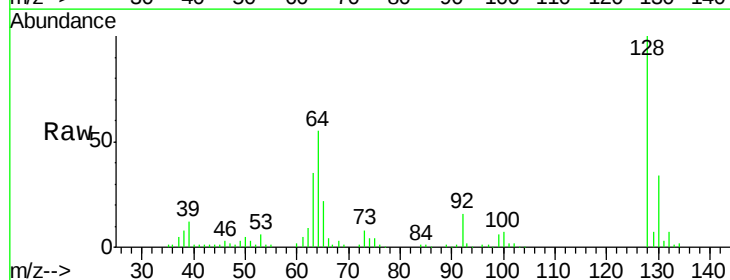
Tgt Ion: 128 Resp: 91758

Ion Ratio Lower Upper

128 100

130 34.1 11.4 51.4

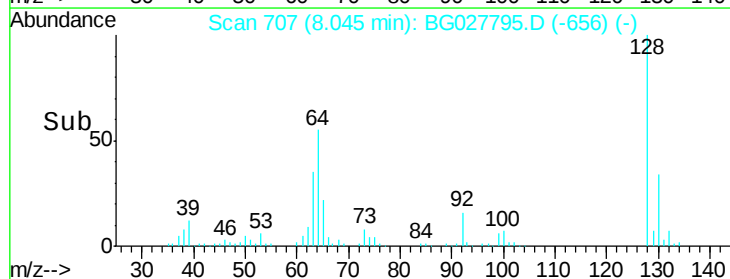
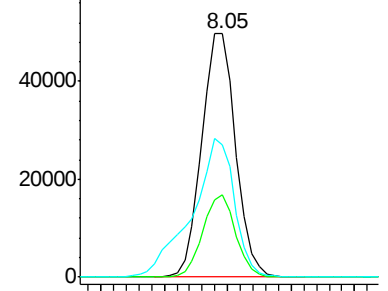
64 54.5 46.6 86.6

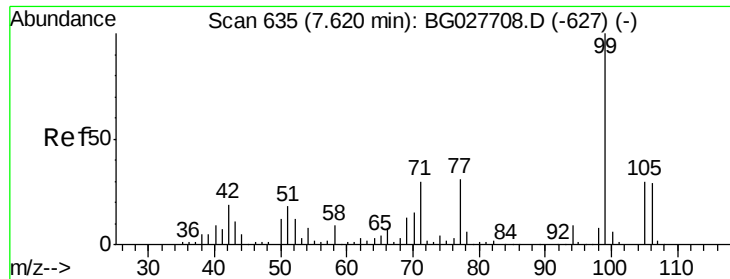


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.143 ng

RT: 7.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

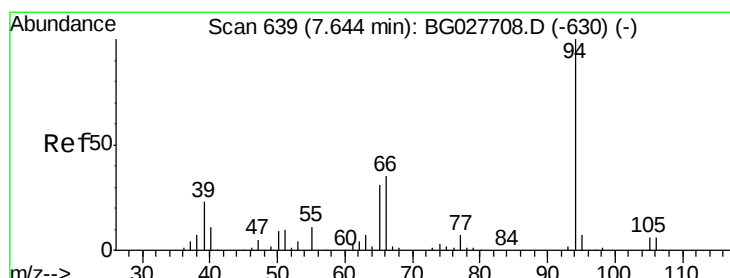
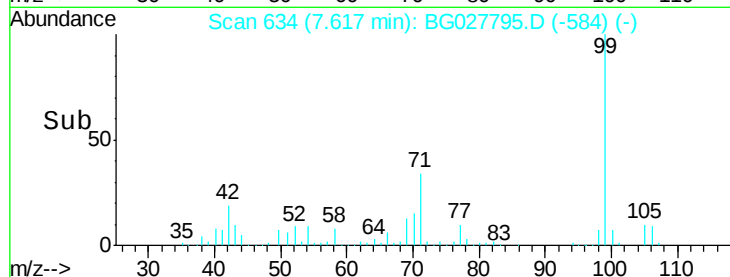
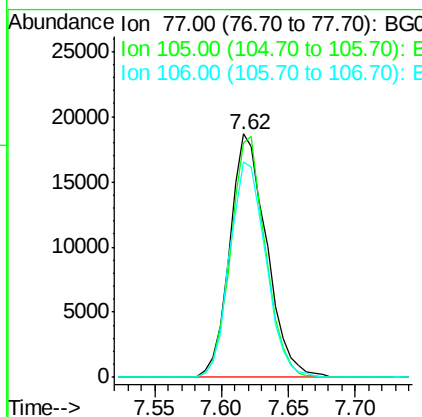
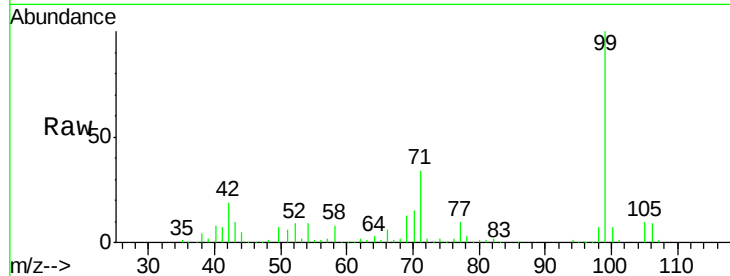
ClientSampleId :

PB100363BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.5	60.9	100.9
106	88.3	55.1	95.1

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#10

Phenol

Concen: 40.144 ng

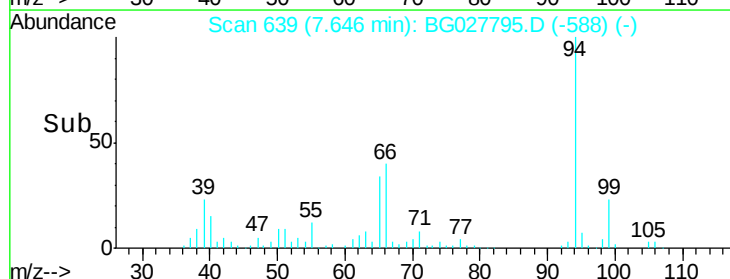
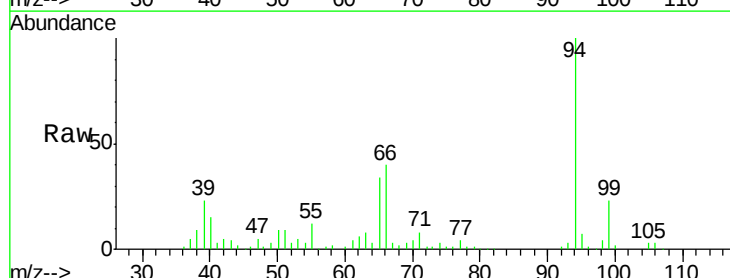
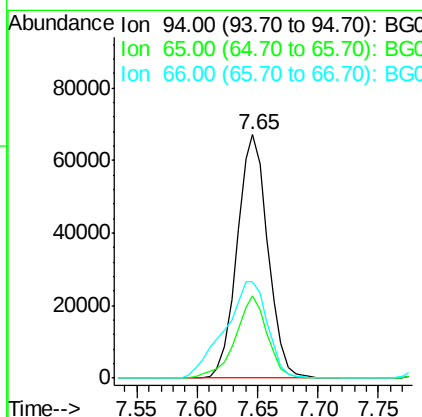
RT: 7.65 min Scan# 639

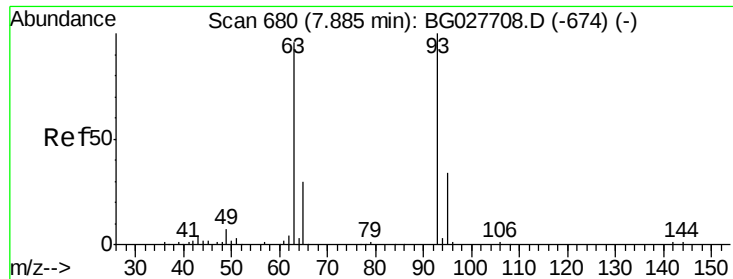
Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	20.6	60.6
66	39.8	35.5	75.5





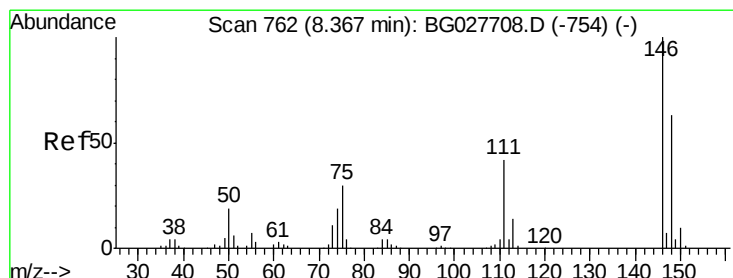
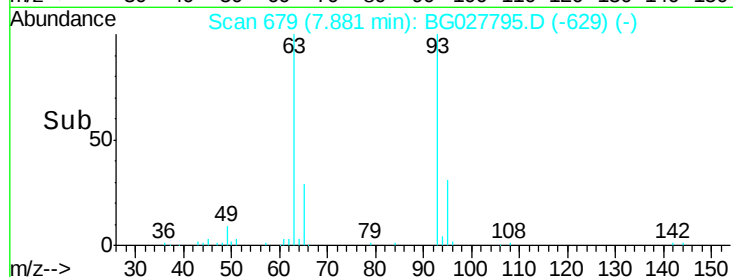
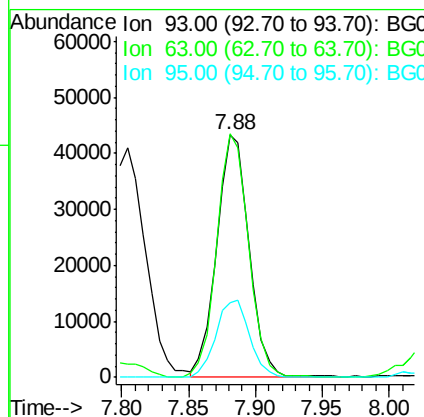
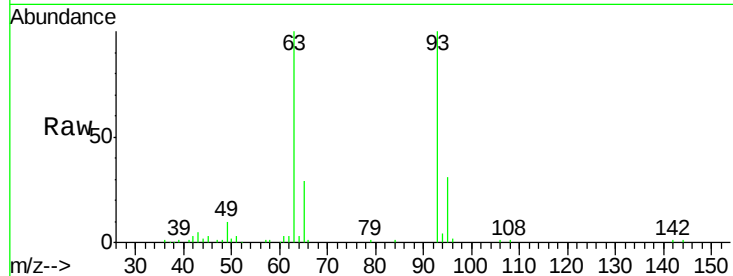
#11
bis(2-Chloroethyl)ether
Concen: 32.995 ng
RT: 7.88 min Scan# 679
Delta R.T. -0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	100.4	78.5	118.5
95	31.0	9.8	49.8

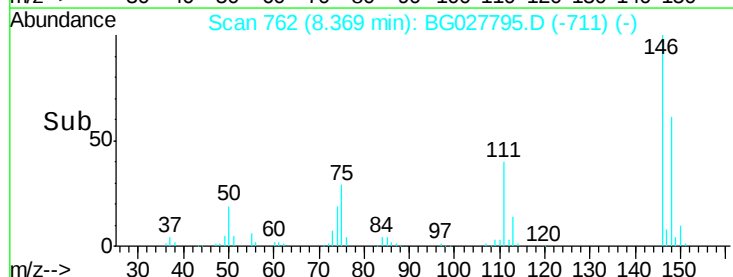
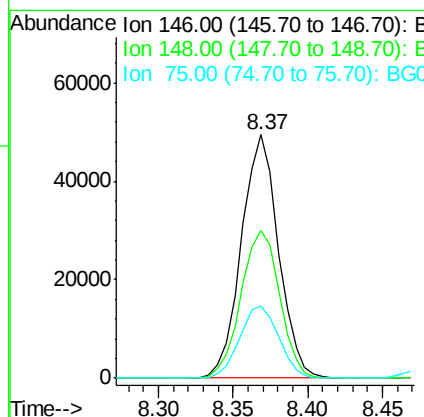
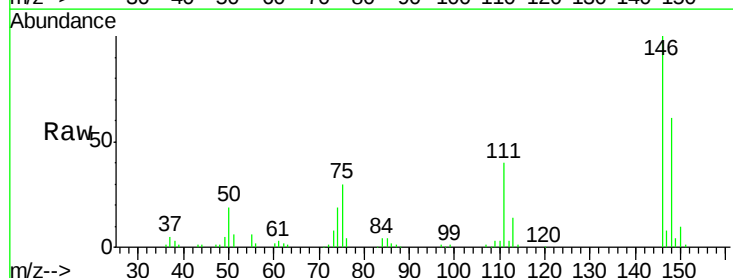
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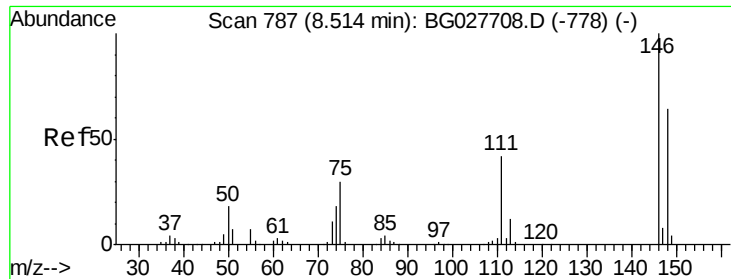
mohammad
7/5/2017 11:31:49 AM



#12
1,3-Dichlorobenzene
Concen: 36.556 ng
RT: 8.37 min Scan# 762
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	49.2	73.8
75	29.8	33.4	50.2#





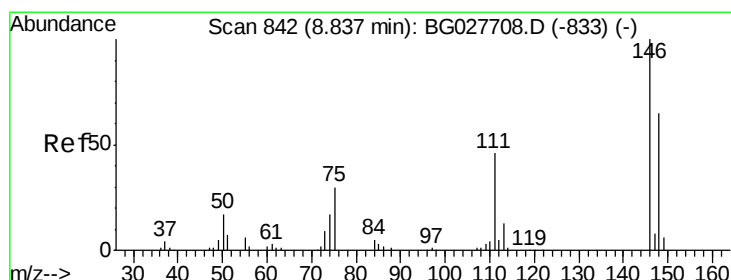
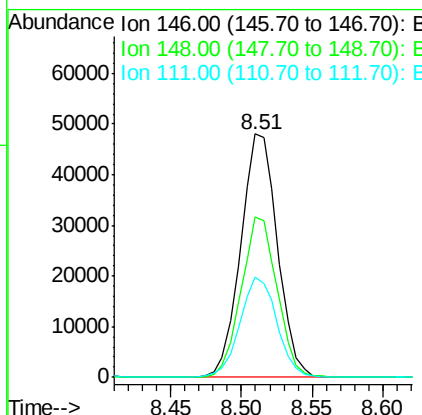
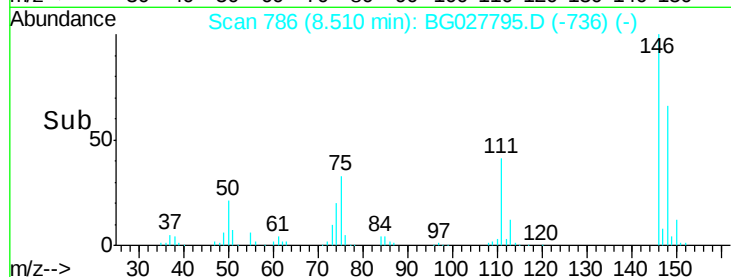
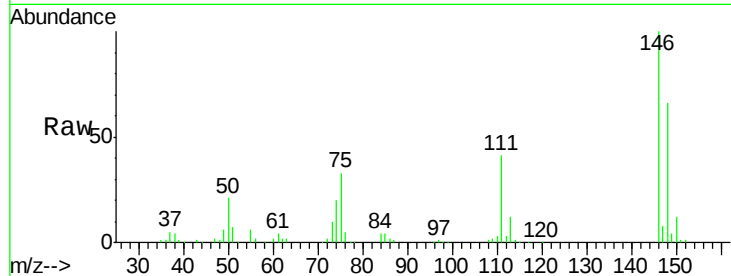
#13
 1,4-Dichlorobenzene
 Concen: 36.300 ng
 RT: 8.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.2
111	40.9	37.0	55.6

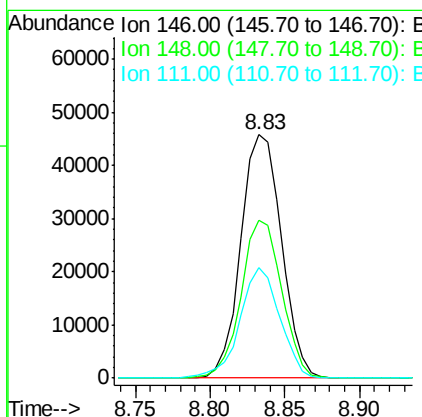
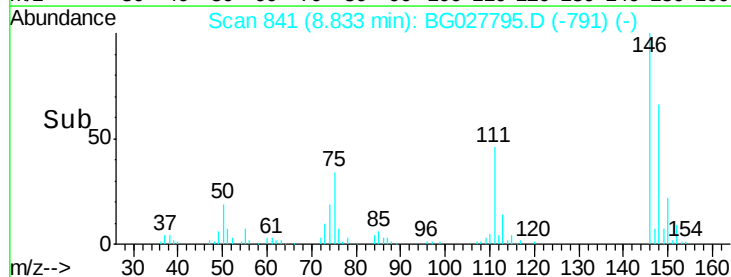
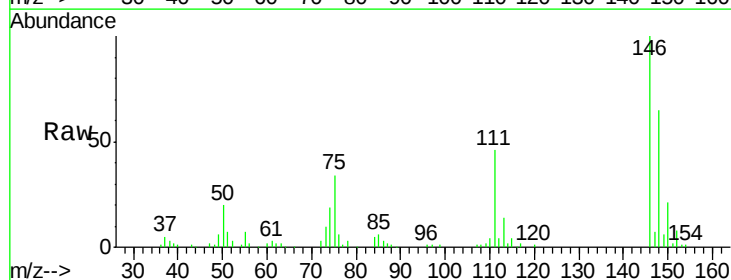
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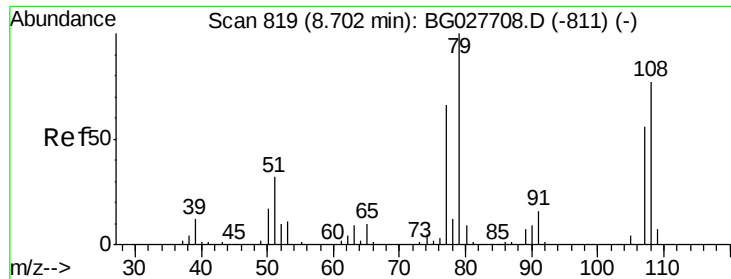
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.952 ng
 RT: 8.83 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.6	81.8
111	45.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 38.544 ng

RT: 8.70 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

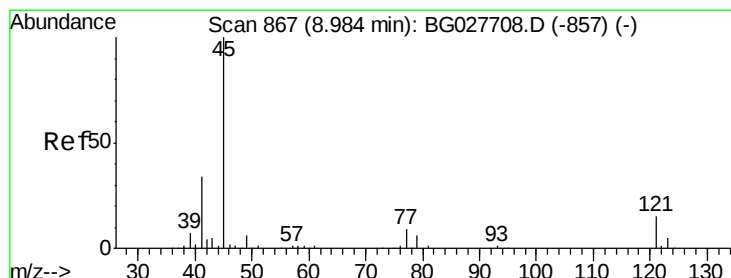
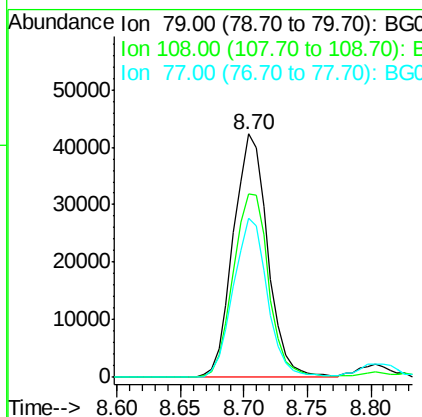
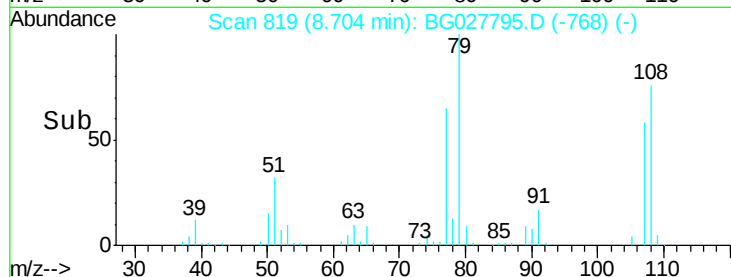
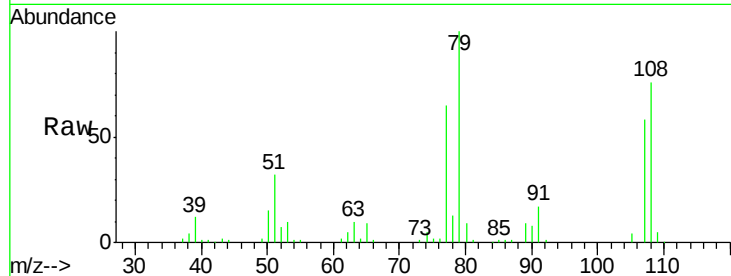
ClientSampleId :

PB100363BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.6	45.5	68.3#
77	65.1	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.793 ng

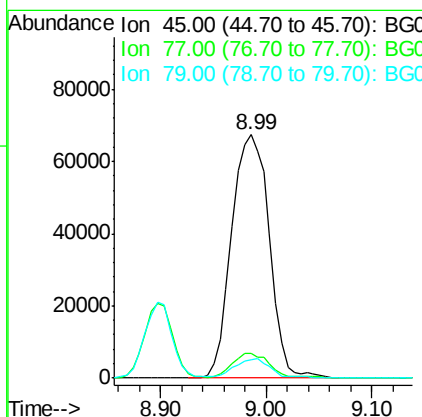
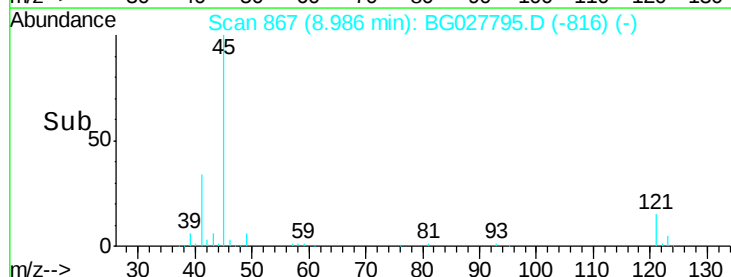
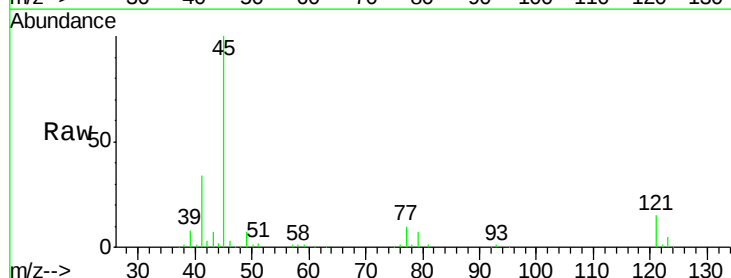
RT: 8.99 min Scan# 867

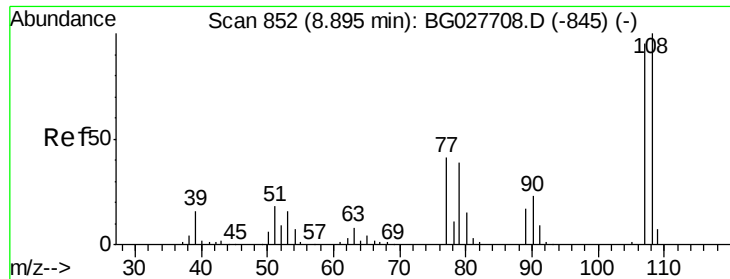
Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	30.6
79	7.5	0.0	28.5





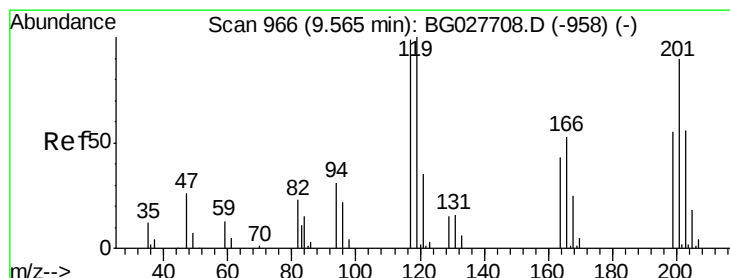
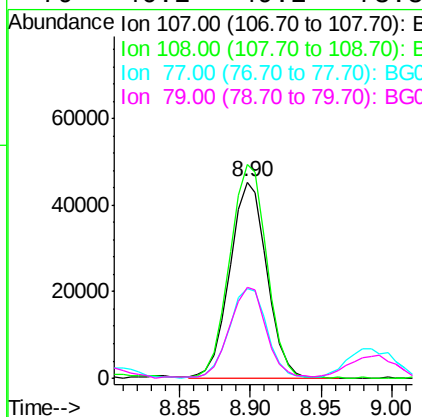
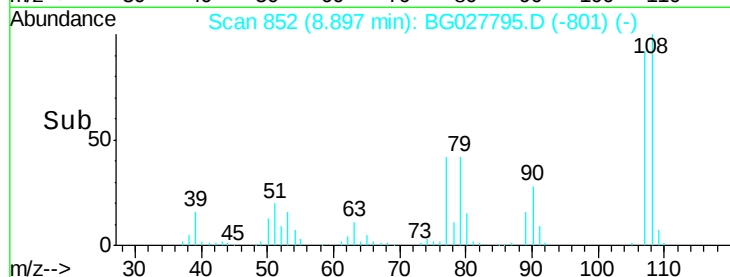
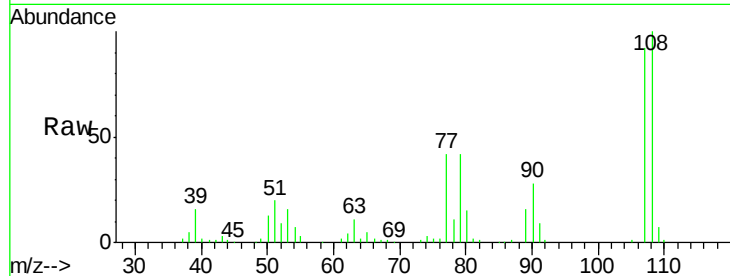
#17
2-Methylphenol
Concen: 39.487 ng
RT: 8.90 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	82529		
108	108.9	85.6	128.4	
77	46.0	51.4	77.2#	
79	46.2	49.2	73.8#	

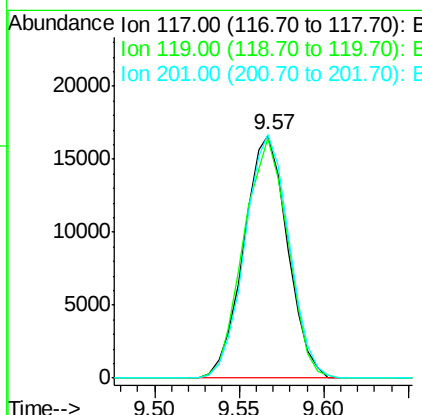
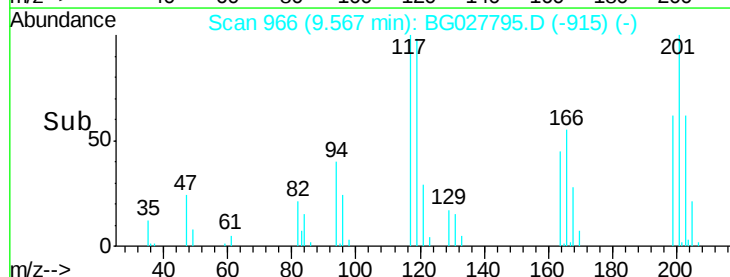
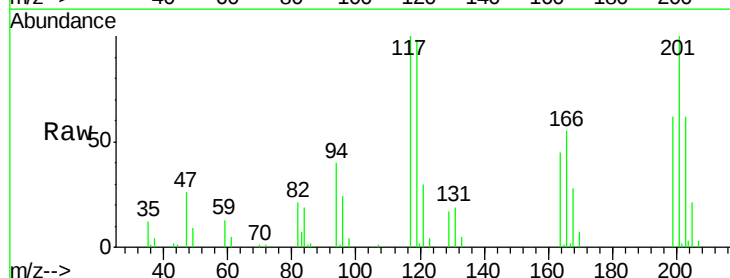
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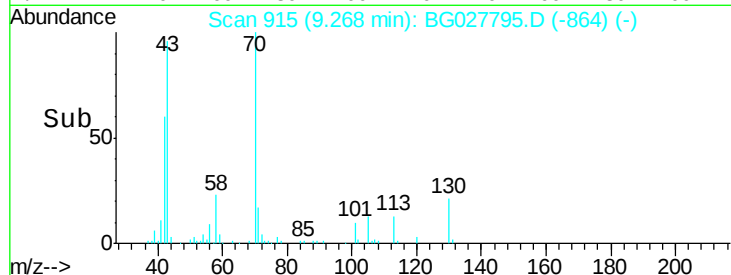
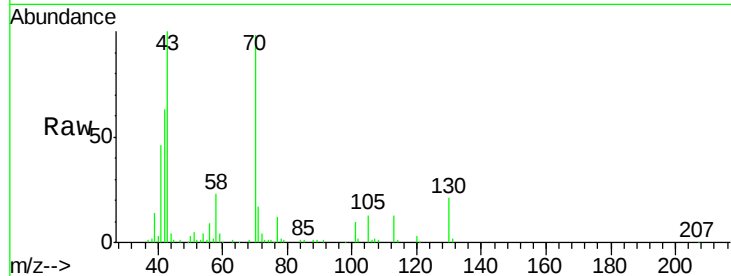
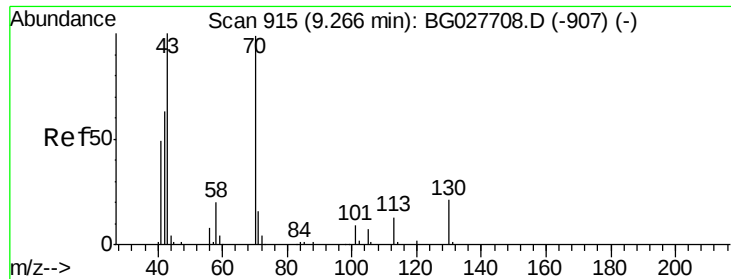
mohammad
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#18
Hexachloroethane
Concen: 35.287 ng
RT: 9.57 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

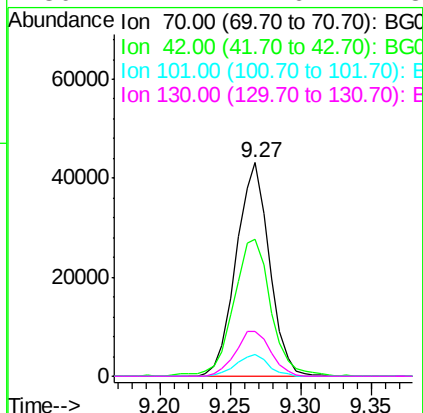
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29879		
119	98.6	69.8	104.6	
201	102.2	95.4	143.0	





#19
n-Nitroso-di-n-propylamine
Concen: 32.584 ng
RT: 9.27 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

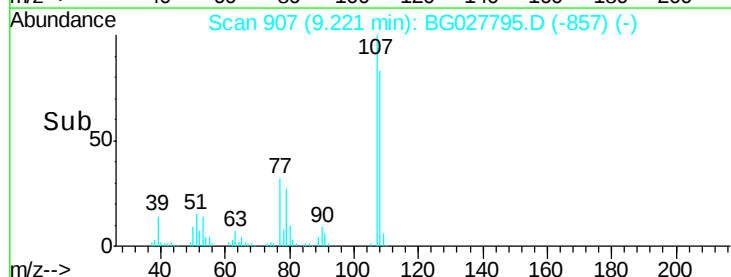
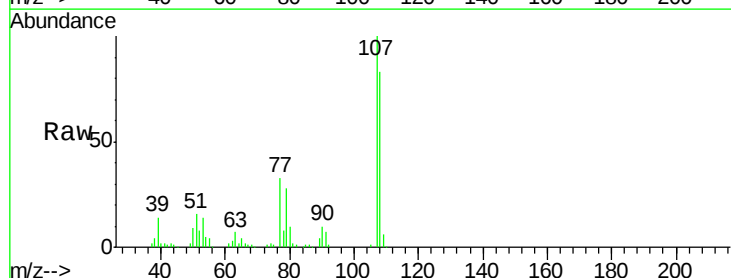
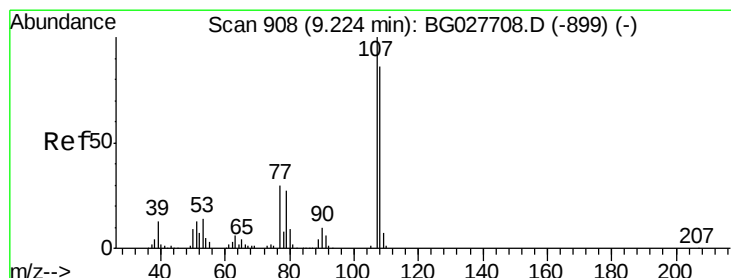
Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.0	56.1	84.1
101	10.5	7.5	11.3
130	21.1	14.6	21.8



Instrument :
BNA_G
ClientSampleId :
PB100363BS

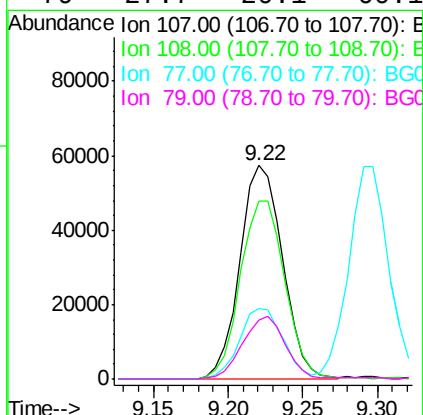
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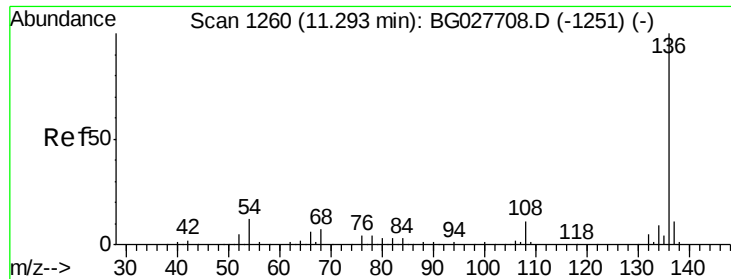
mohammad
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#20
3+4-Methylphenols
Concen: 37.798 ng
RT: 9.22 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.2	70.8	110.8
77	32.9	25.8	65.8
79	27.7	20.1	60.1





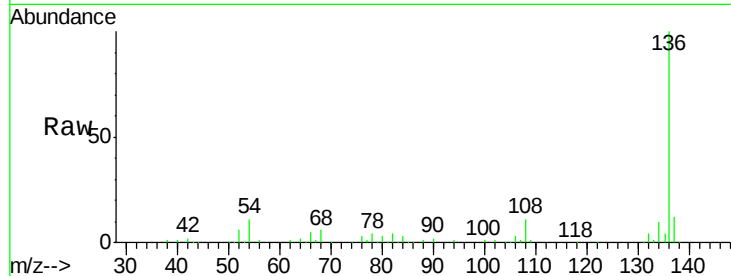
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.29 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

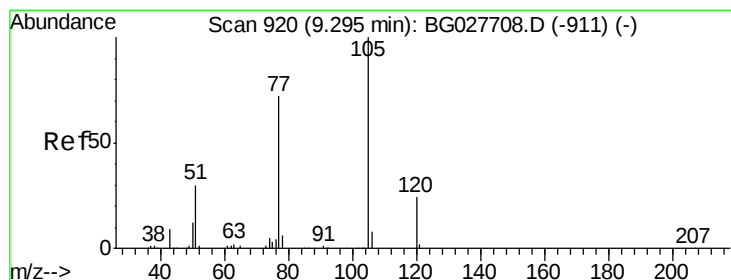
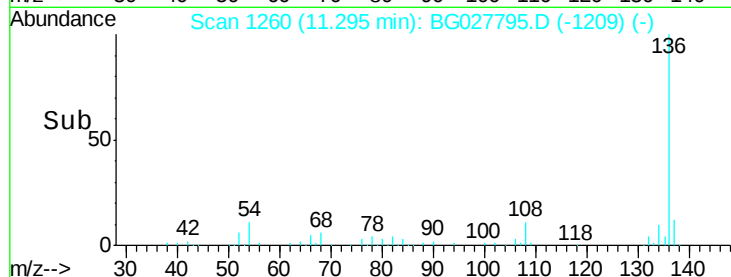
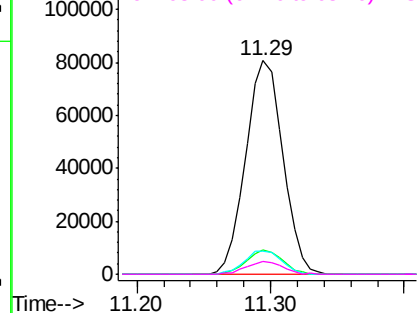
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	155017		
137	11.6	8.9	13.3	
54	10.9	9.3	13.9	
68	5.8	5.1	7.7	

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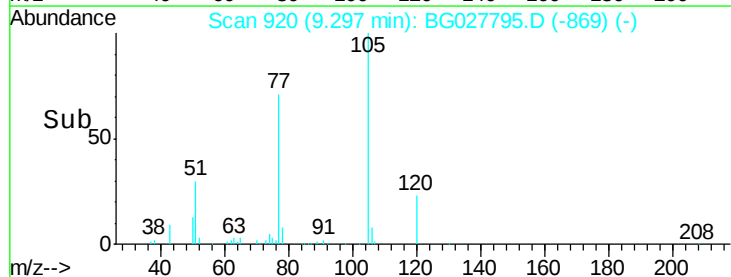
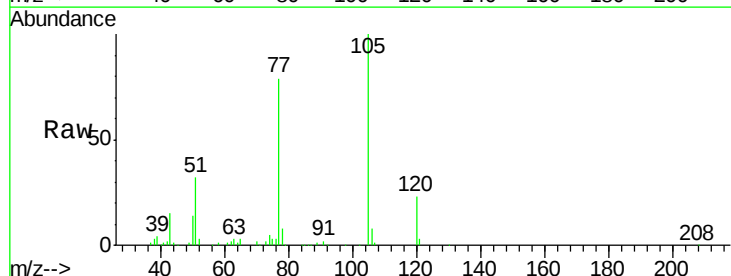
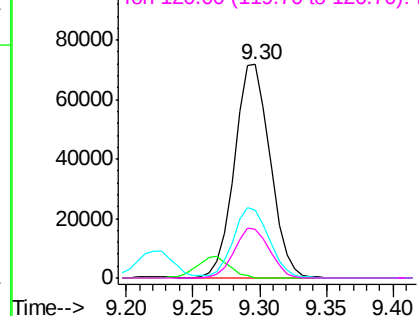
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

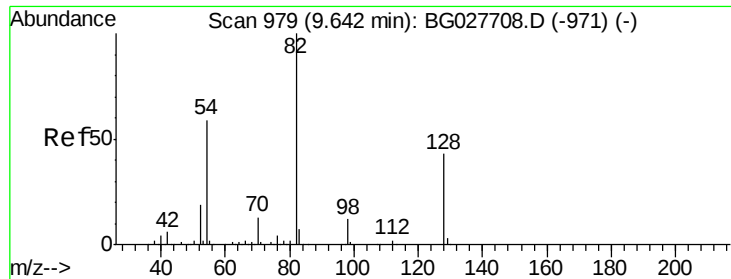


#22
Acetophenone
Concen: 35.632 ng
RT: 9.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	133287		
71	0.3	0.9	1.3#	
51	32.0	34.0	51.0#	
120	22.7	17.3	25.9	

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





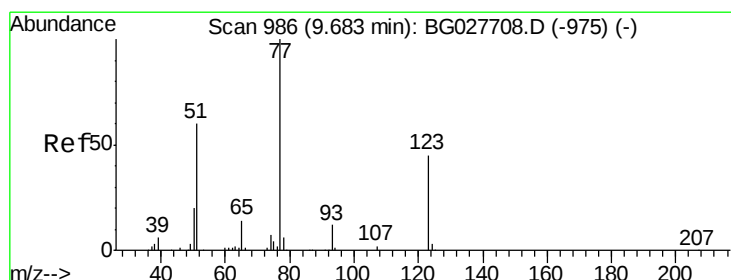
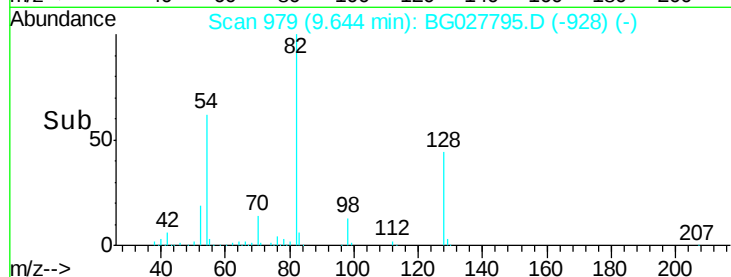
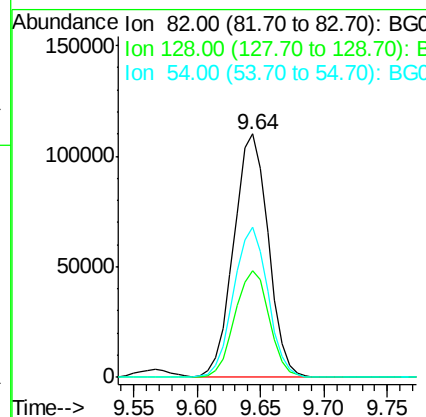
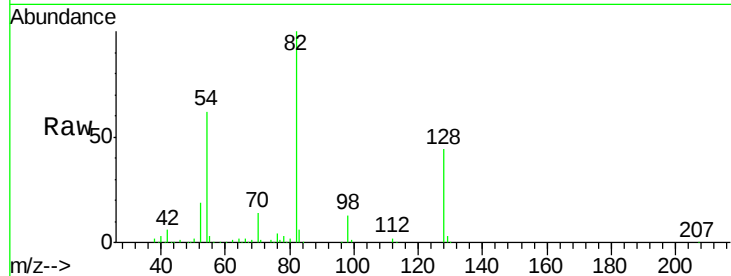
#23
 Nitrobenzene-d5
 Concen: 74.675 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	26.4	39.6#
54	61.8	49.4	74.2

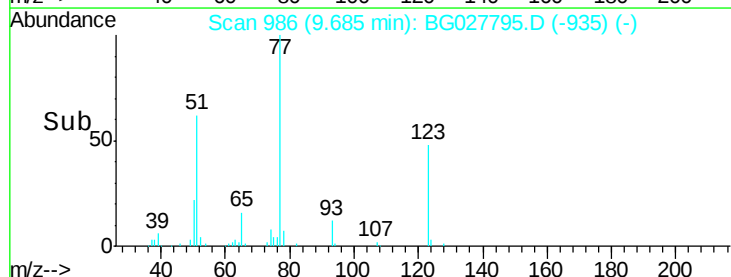
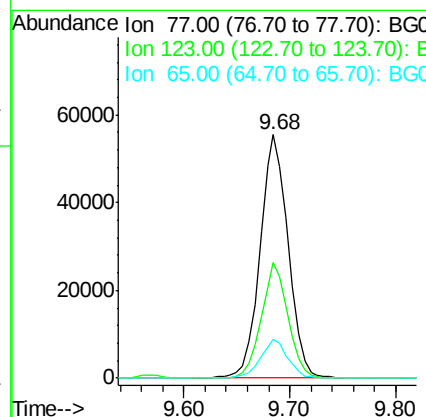
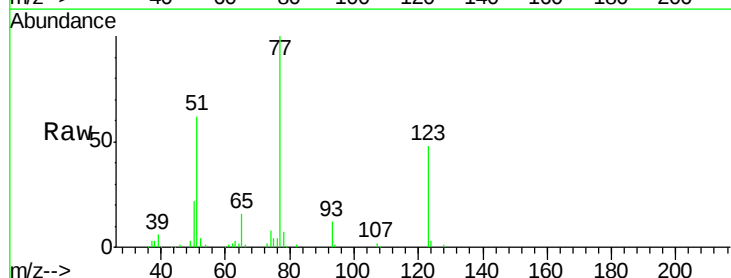
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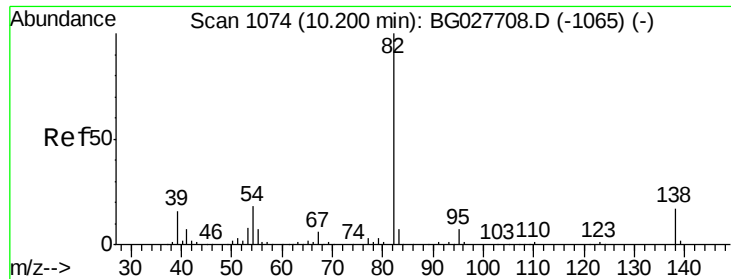
mohammad
 7/5/2017 11:31:49 AM



#24
 Nitrobenzene
 Concen: 35.159 ng
 RT: 9.68 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.5	26.1	39.1#
65	16.1	12.4	18.6





#25

Isophorone

Concen: 34.253 ng

RT: 10.20 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

PB100363BS

Tgt Ion: 82 Resp: 207638

Ion Ratio Lower Upper

82 100

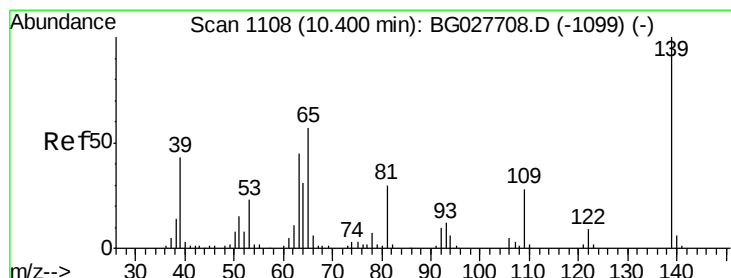
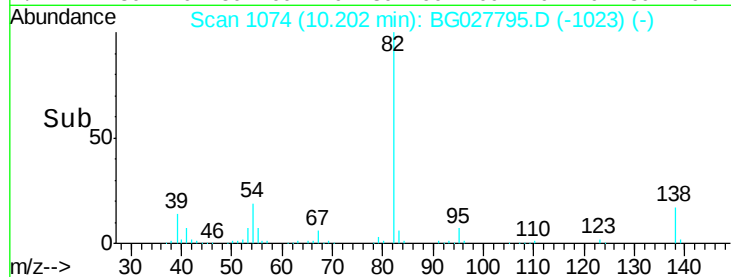
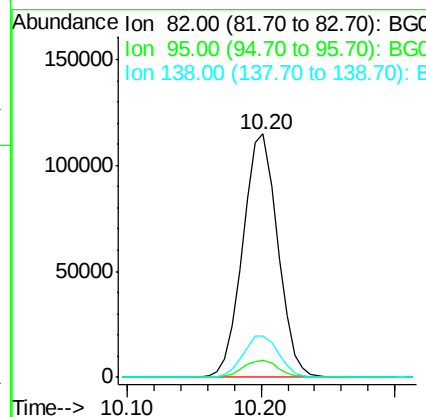
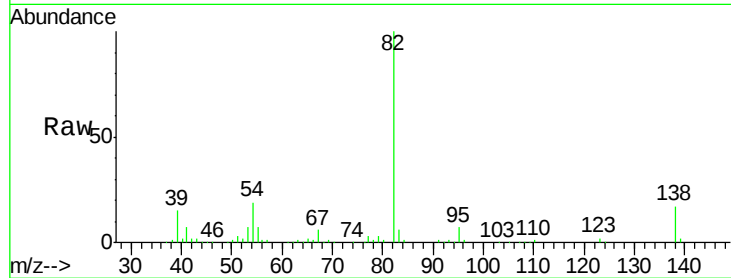
95 7.2 7.5 11.3#

138 16.9 12.3 18.5

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#26

2-Nitrophenol

Concen: 37.844 ng

RT: 10.40 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

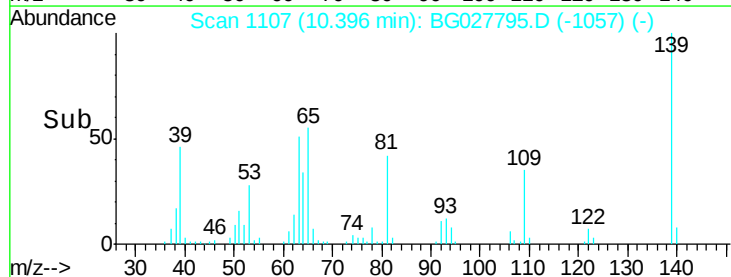
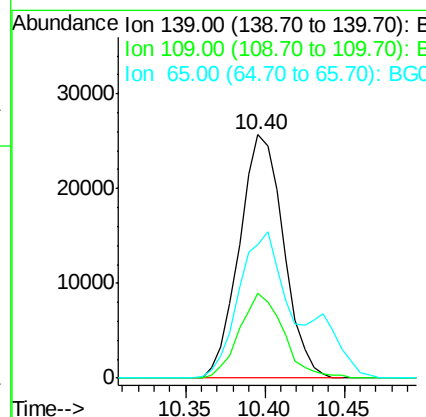
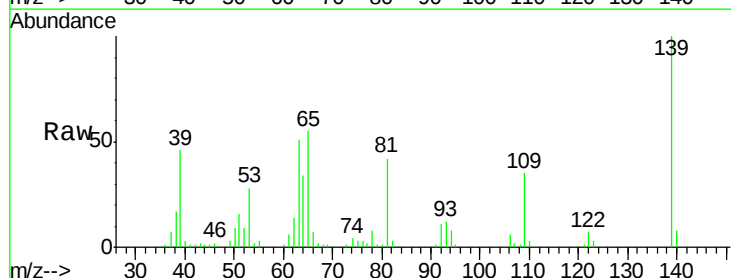
Tgt Ion: 139 Resp: 49701

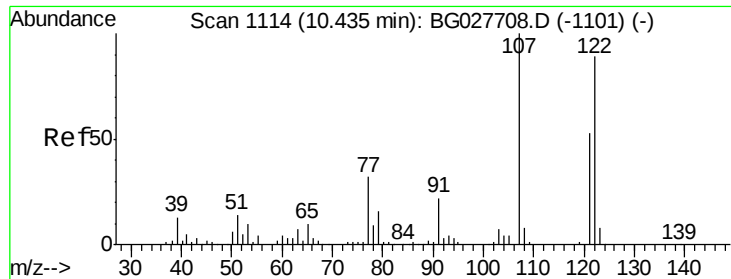
Ion Ratio Lower Upper

139 100

109 34.9 38.6 58.0#

65 54.9 57.1 85.7#





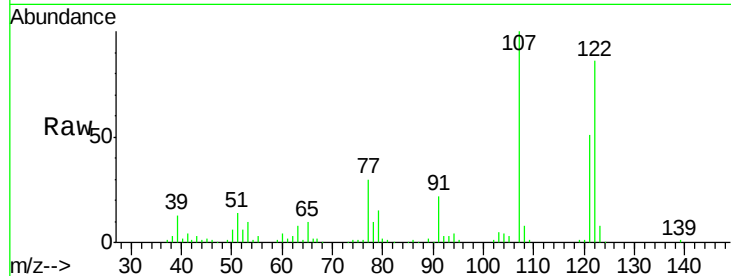
#27
2,4-Dimethylphenol
Concen: 41.399 ng
RT: 10.44 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

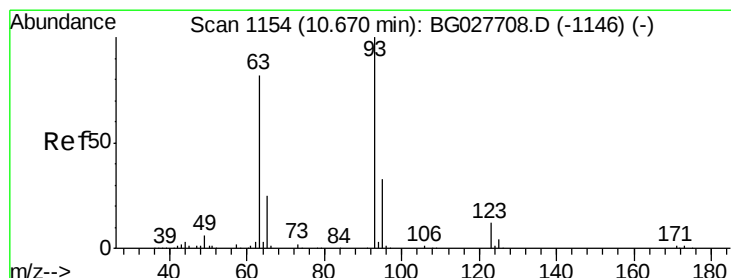
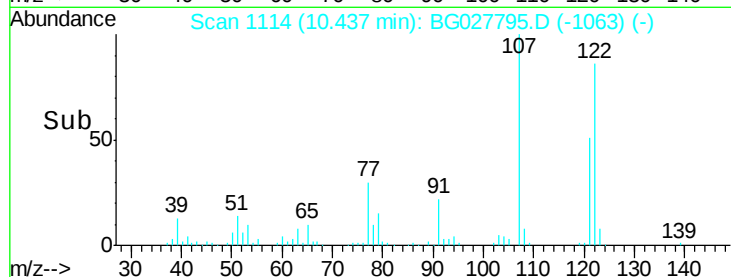
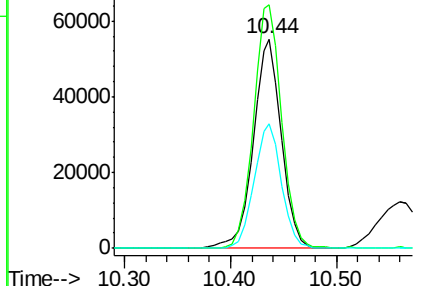
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.4	104.2	156.4
121	59.6	46.0	69.0

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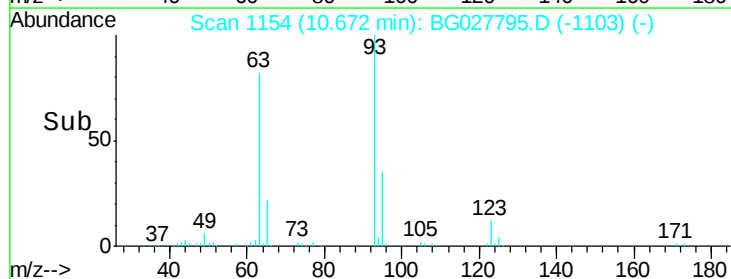
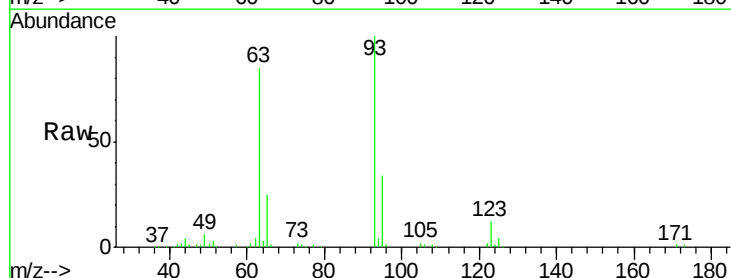
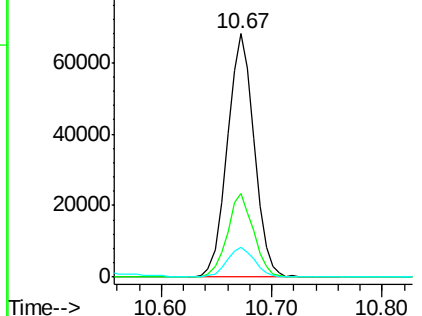
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

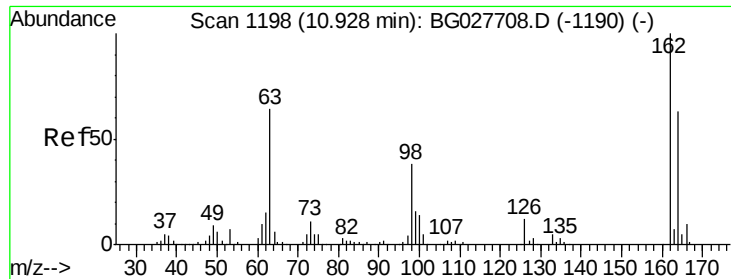


#28
bis(2-Chloroethoxy)methane
Concen: 33.656 ng
RT: 10.67 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.7	38.5
123	12.4	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





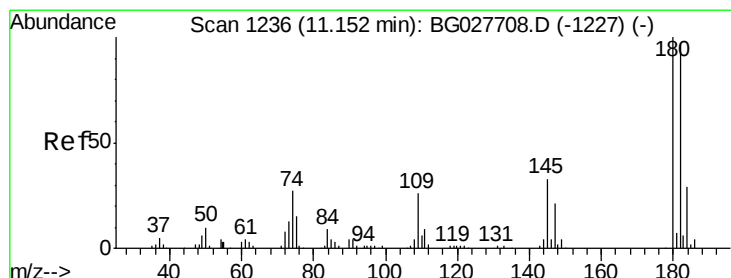
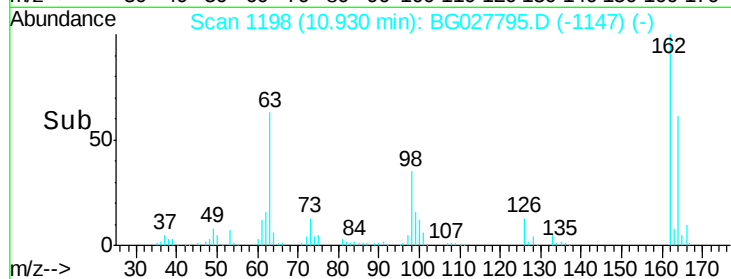
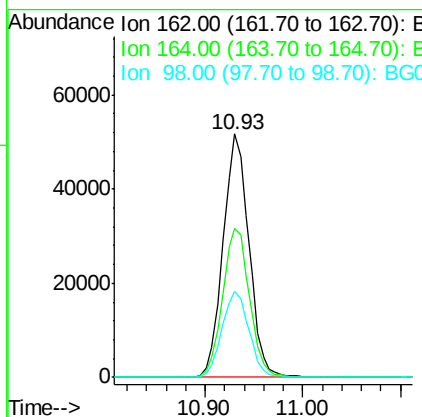
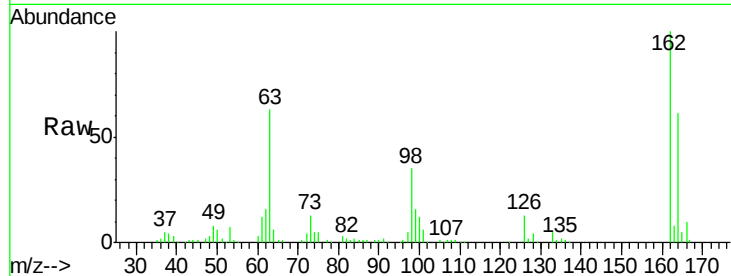
#29
2,4-Dichlorophenol
Concen: 44.164 ng
RT: 10.93 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	95203		
164	61.3	42.4	82.4	
98	35.3	20.3	60.3	

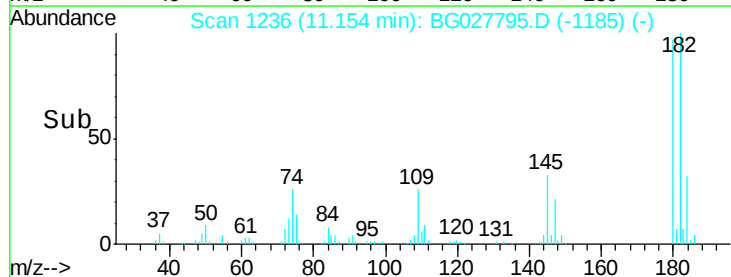
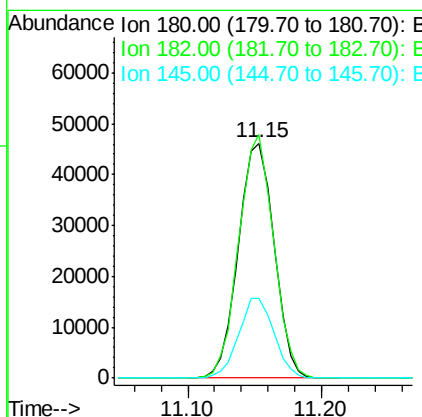
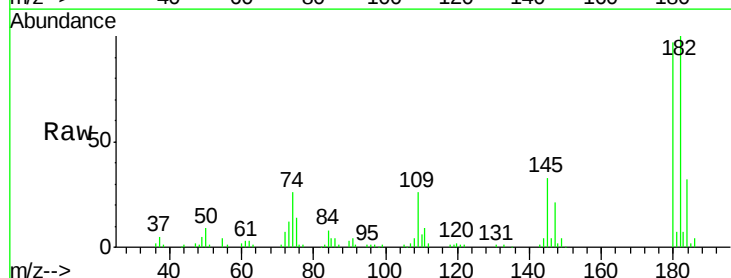
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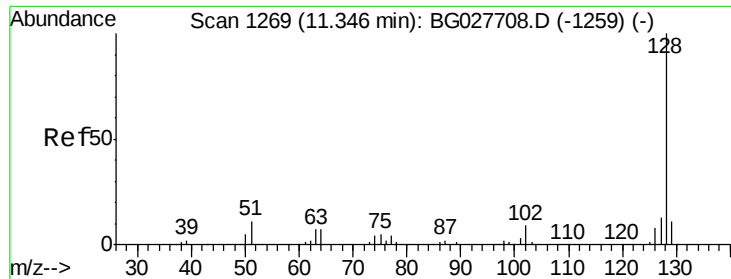
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7/5/2017 11:31:49 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.995 ng
RT: 11.15 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85731		
182	103.6	77.0	115.4	
145	34.1	23.4	35.0	





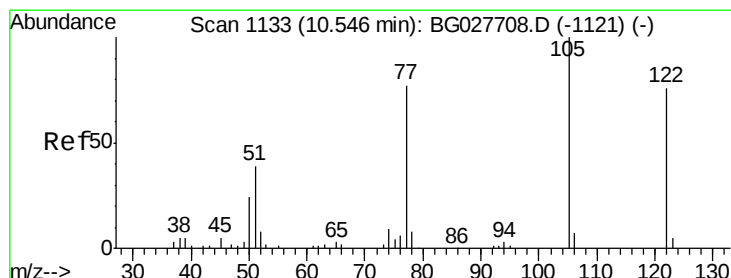
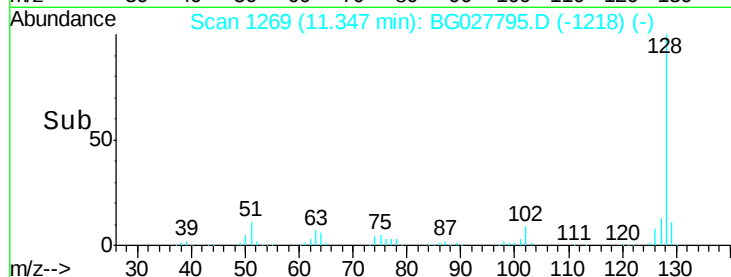
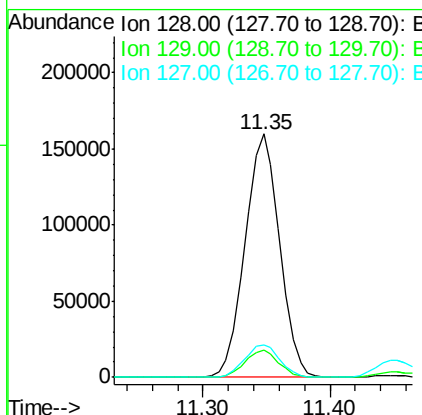
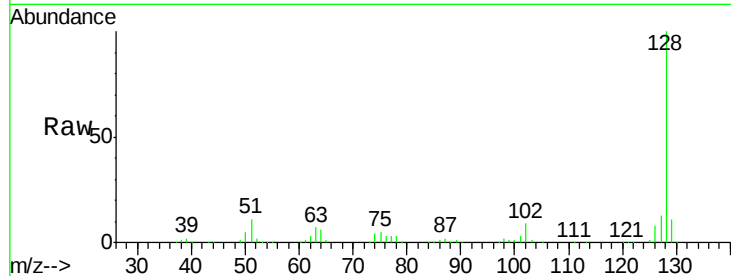
#31
Naphthalene
Concen: 36.669 ng
RT: 11.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	302292		
129	11.3	9.3	13.9	
127	13.2	11.4	17.0	

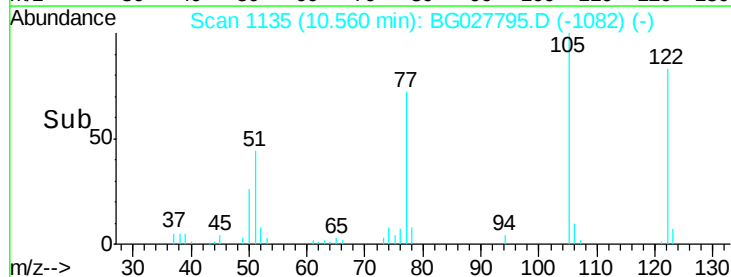
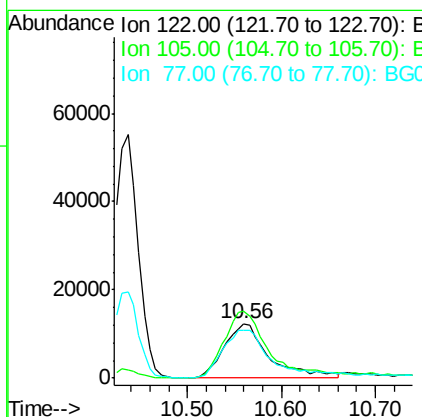
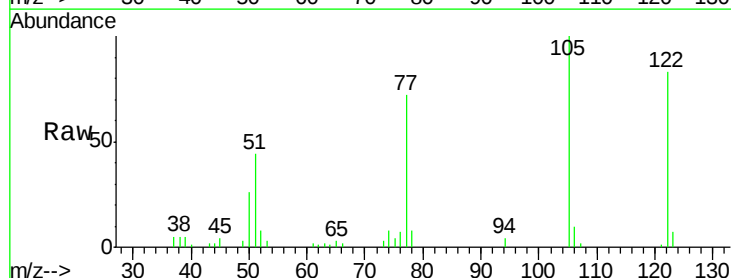
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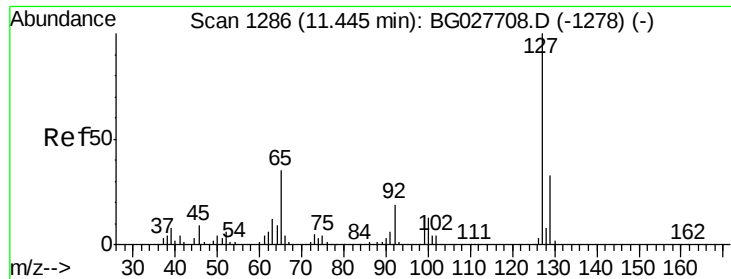
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#32
Benzoic acid
Concen: 31.039 ng
RT: 10.56 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	40891		
105	121.2	120.1	160.1	
77	87.6	104.6	144.6	





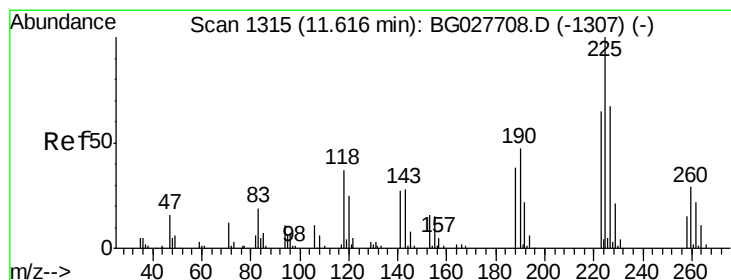
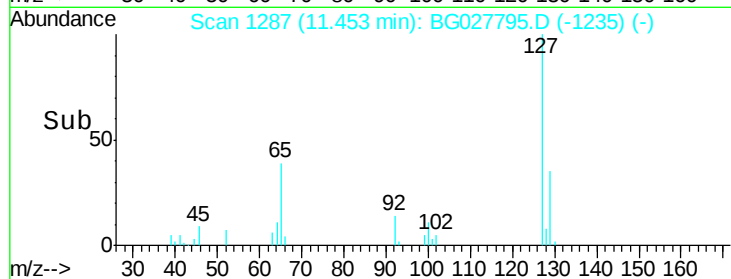
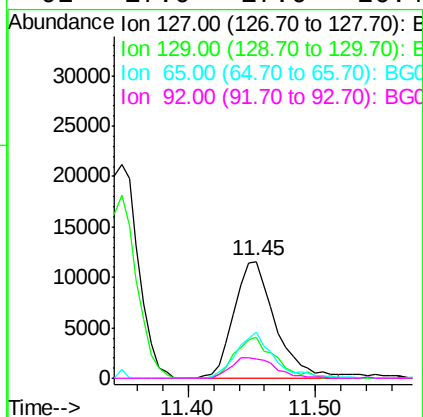
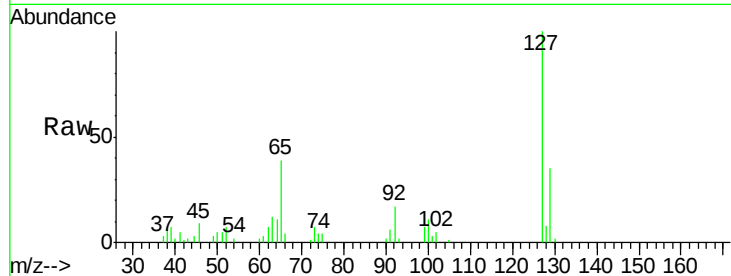
#33
4-Chloroaniline
Concen: 7.347 ng
RT: 11.45 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	26165		
129	34.8	23.6	35.4	
65	39.1	37.7	56.5	
92	17.0	17.6	26.4	

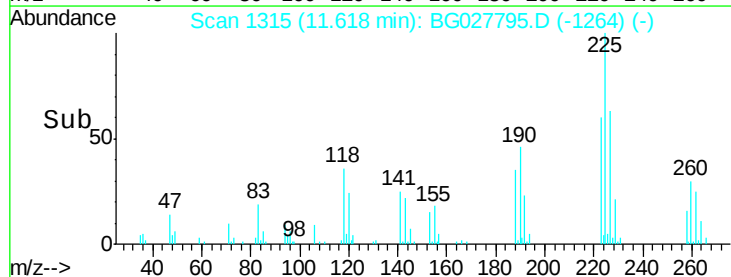
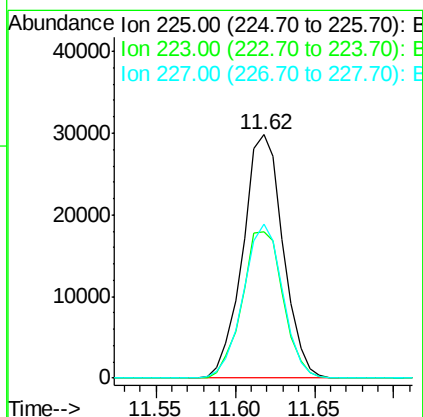
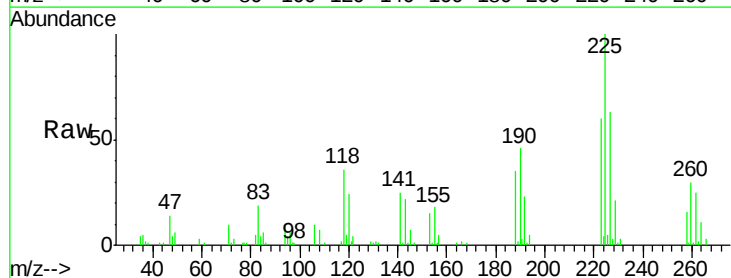
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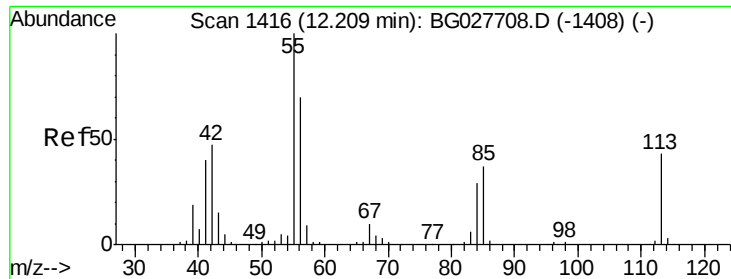
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#34
Hexachlorobutadiene
Concen: 42.755 ng
RT: 11.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52375		
223	59.9	50.7	76.1	
227	63.5	49.0	73.6	





#35

Caprolactam

Concen: 36.461 ng m

RT: 12.22 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

PB100363BS

Tgt Ion:113 Resp: 39533

Ion Ratio Lower Upper

113 100

55 210.9 198.6 238.6

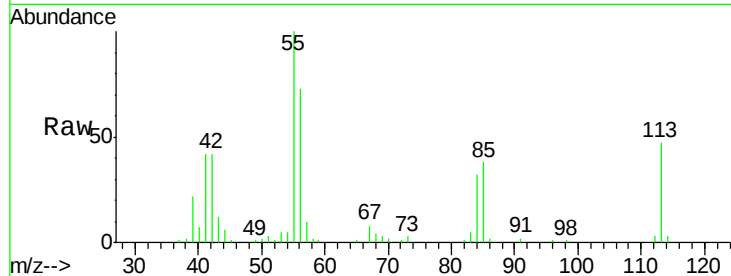
56 154.4 140.4 180.4

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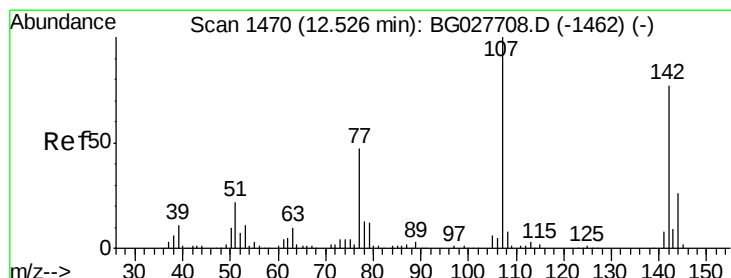
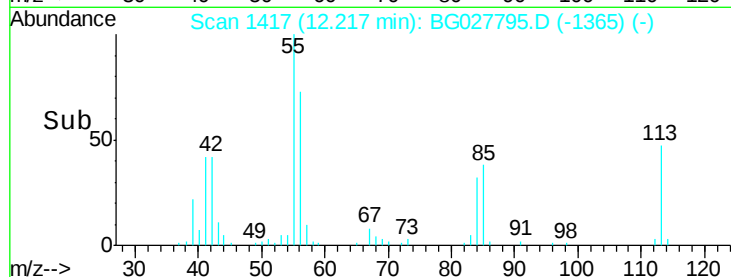
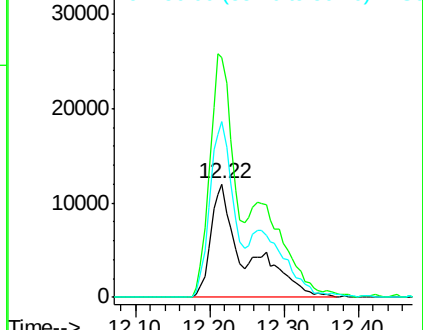
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 41.108 ng

RT: 12.53 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

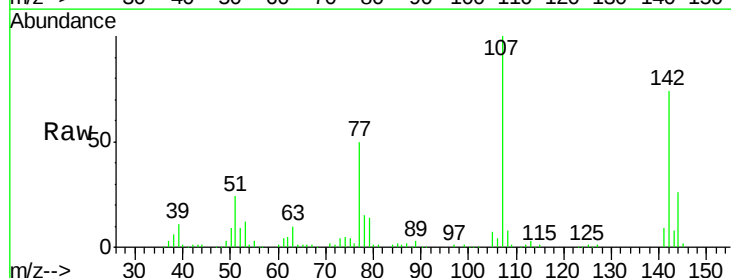
Tgt Ion:107 Resp: 124695

Ion Ratio Lower Upper

107 100

144 25.5 17.4 26.0

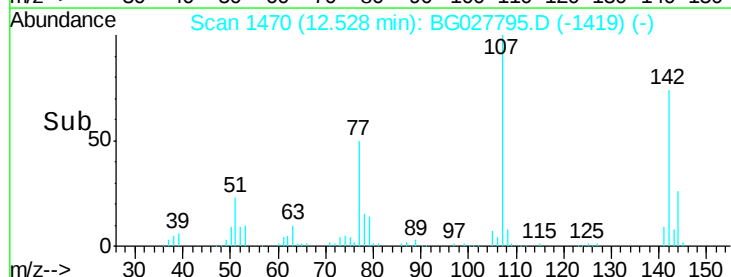
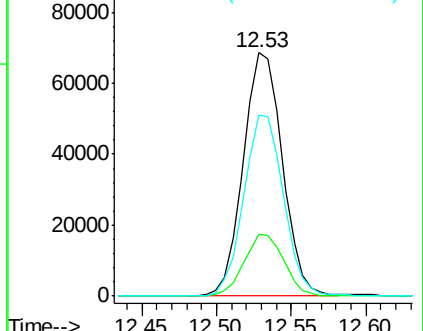
142 74.0 54.1 81.1

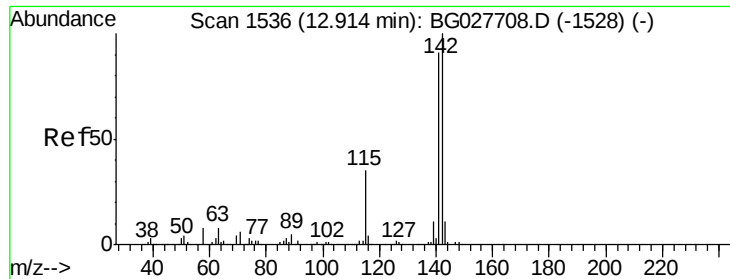


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





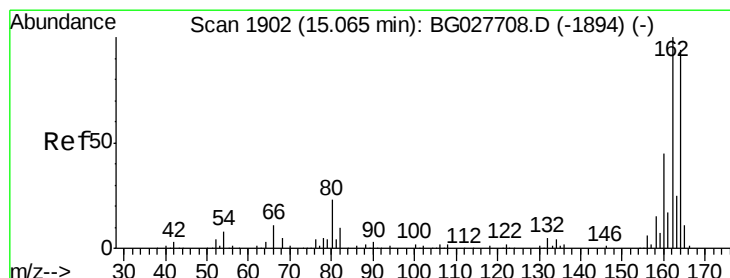
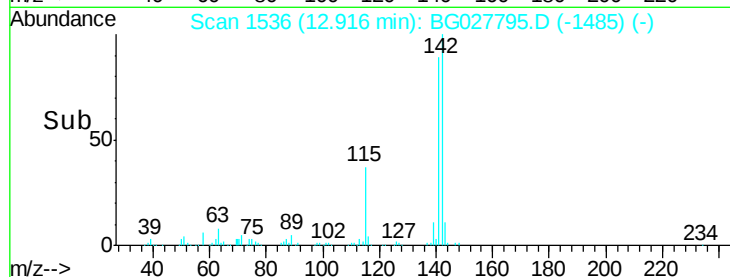
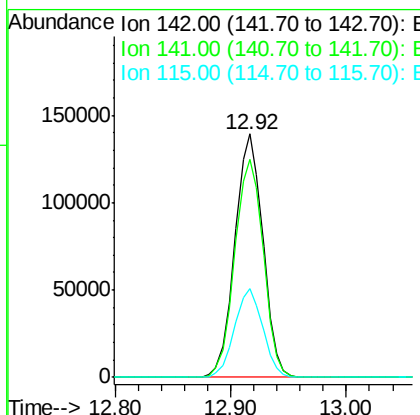
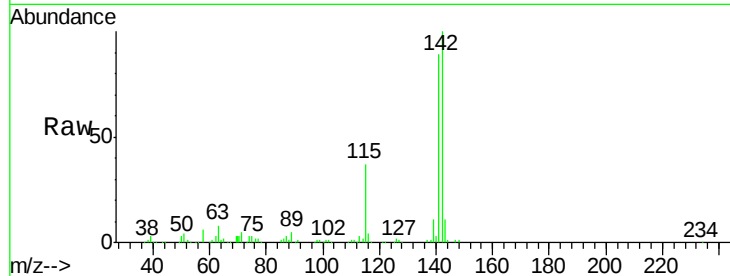
#37
2-Methylnaphthalene
Concen: 38.060 ng
RT: 12.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	233694		
141	89.3	70.4	105.6	
115	36.6	35.5	53.3	

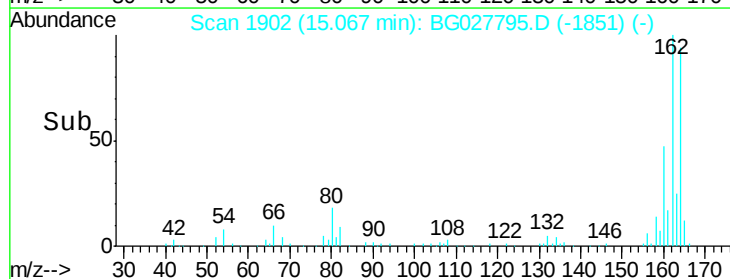
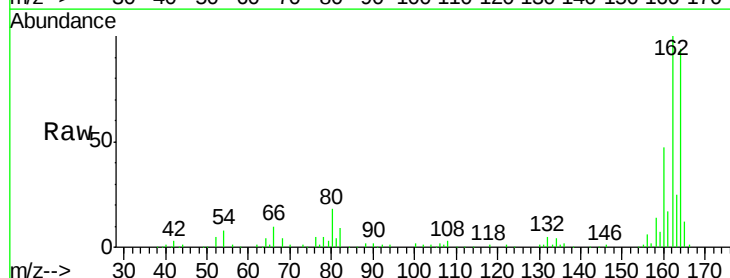
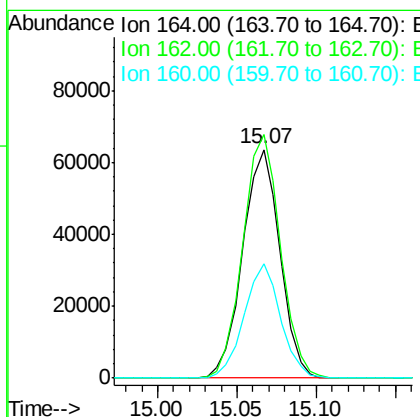
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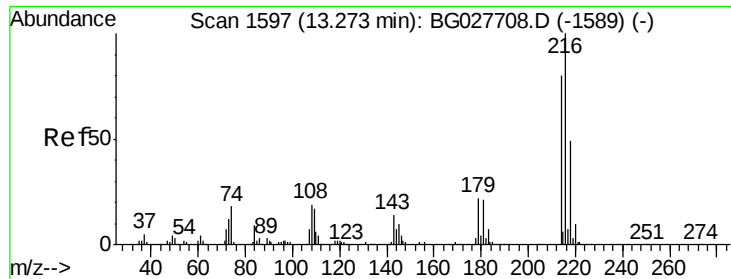
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103589		
162	106.5	85.1	127.7	
160	50.1	34.7	52.1	





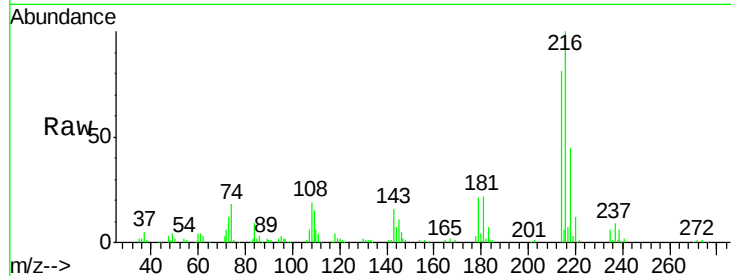
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.952 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

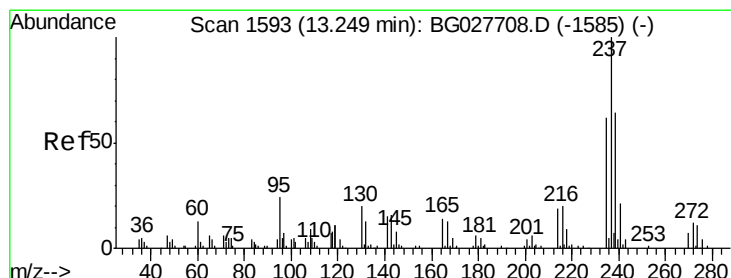
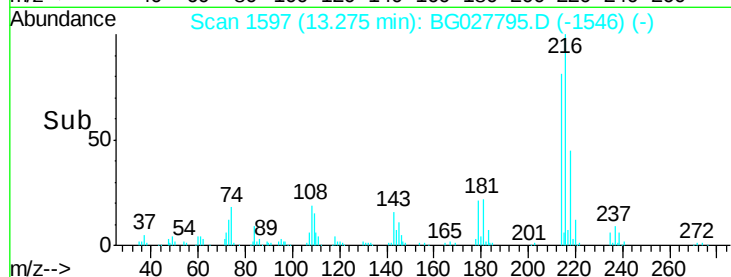
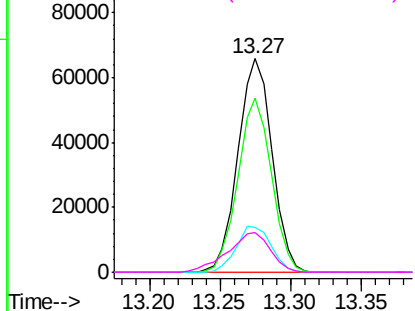
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	111475		
214	79.9	64.4	96.6	
179	21.9	17.4	26.0	
108	23.0	15.6	23.4	

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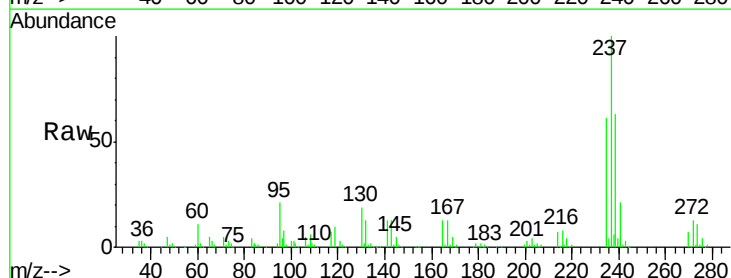


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

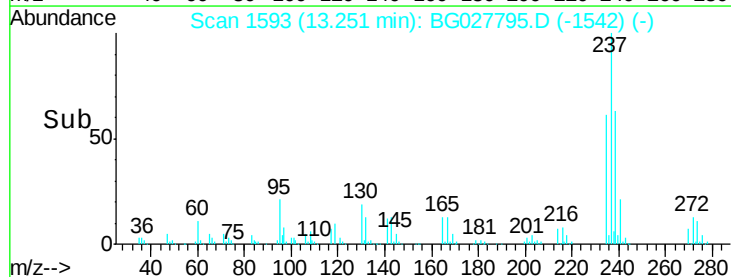
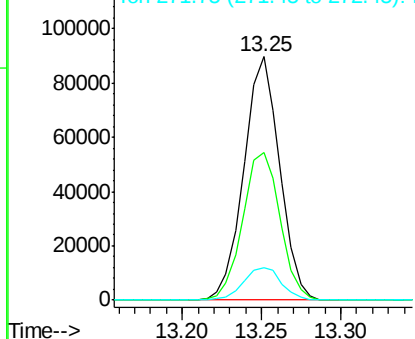


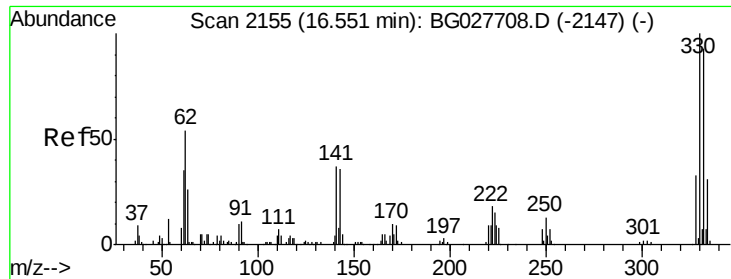
#40
 Hexachlorocyclopentadiene
 Concen: 109.536 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	140581		
235	60.5	39.4	79.4	
272	13.2	0.0	32.0	



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





#41

2,4,6-Tribromophenol

Concen: 146.371 ng

RT: 16.55 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

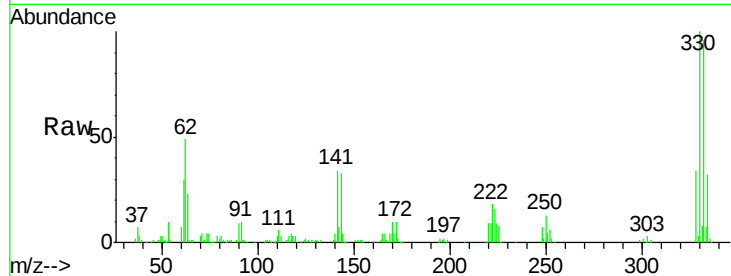
ClientSampleId :

PB100363BS

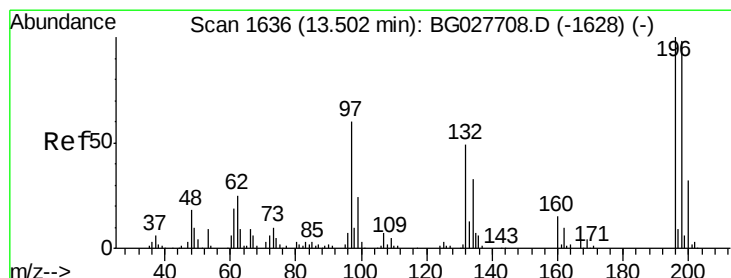
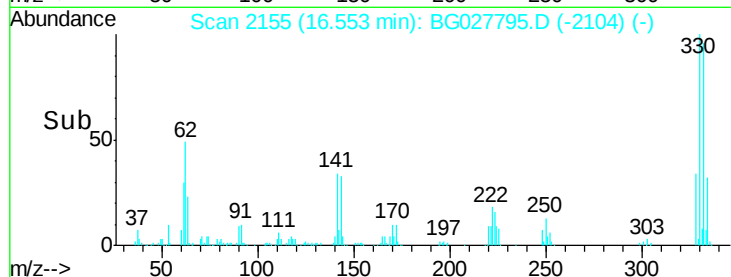
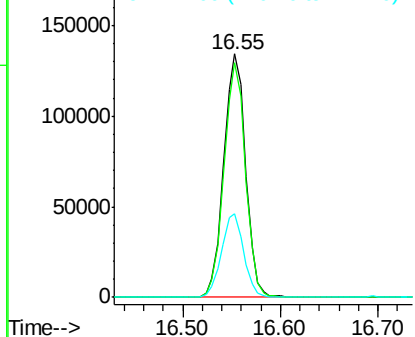
Tgt Ion:	330	Resp:	207969
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.3	115.9
141	35.0	32.1	48.1

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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: 41.508 ng

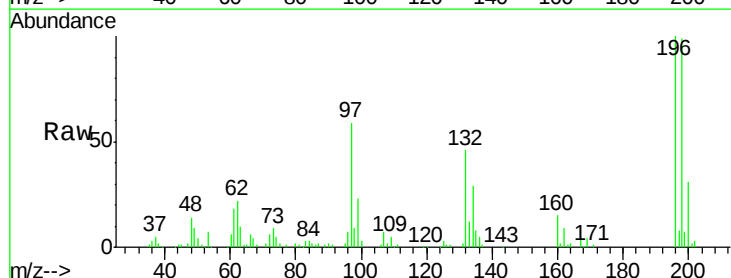
RT: 13.51 min Scan# 1637

Delta R.T. 0.01 min

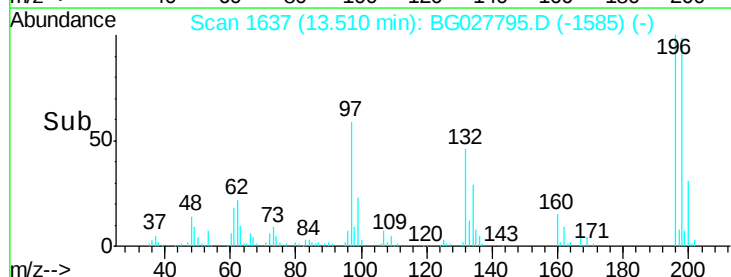
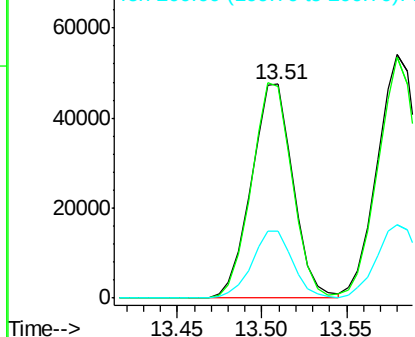
Lab File: BG027795.D

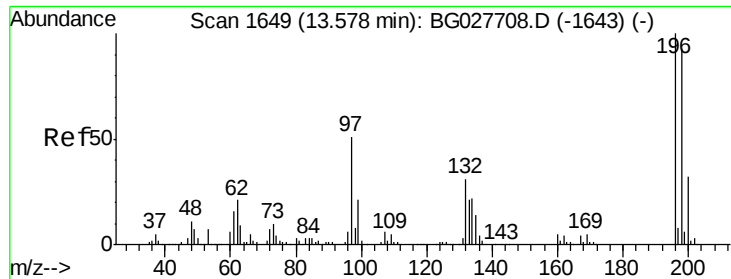
Acq: 1 Jul 2017 22:42

Tgt Ion:	196	Resp:	81605
Ion Ratio	Lower	Upper	
196	100		
198	98.8	81.4	122.2
200	31.3	27.0	40.6



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





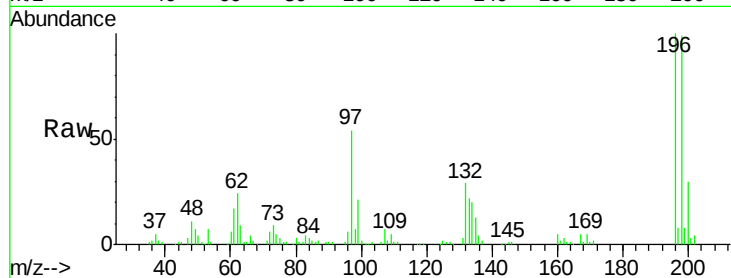
#43
 2,4,5-Trichlorophenol
 Concen: 41.769 ng
 RT: 13.58 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93049		
198	98.8	79.9	119.9	
97	53.7	45.4	68.0	
132	29.0	20.7	31.1	

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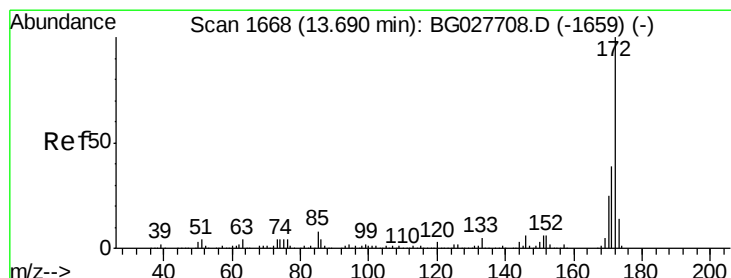
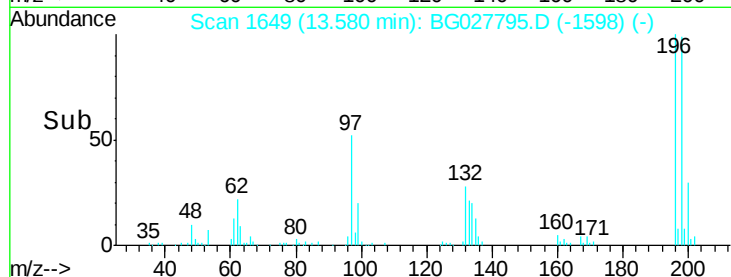
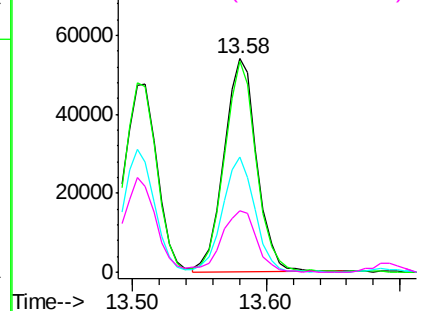
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

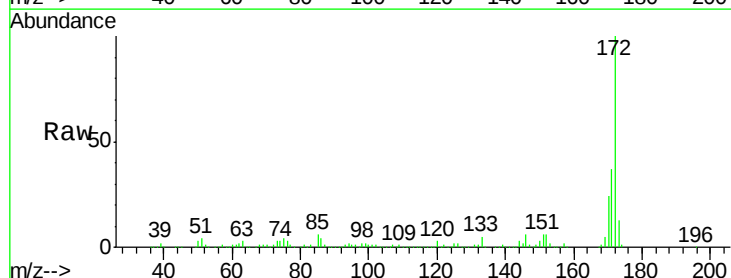
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.260 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	603904		
171	37.4	32.2	48.2	
170	24.5	21.8	32.6	

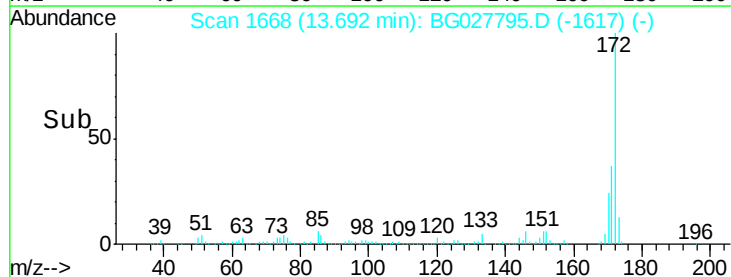
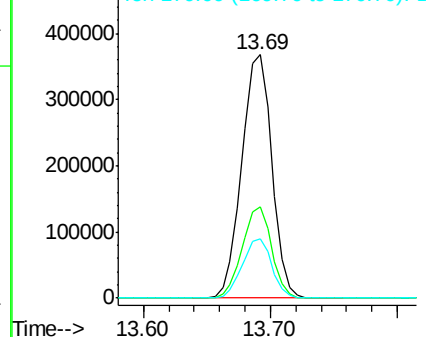


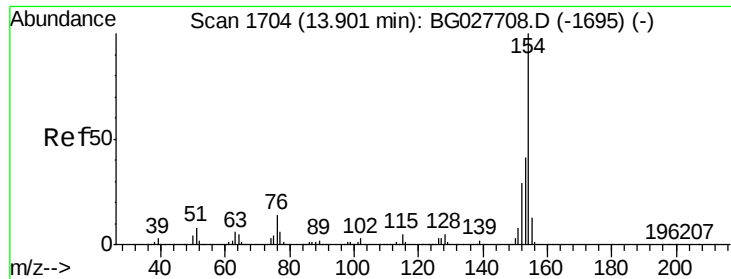
Abundance

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





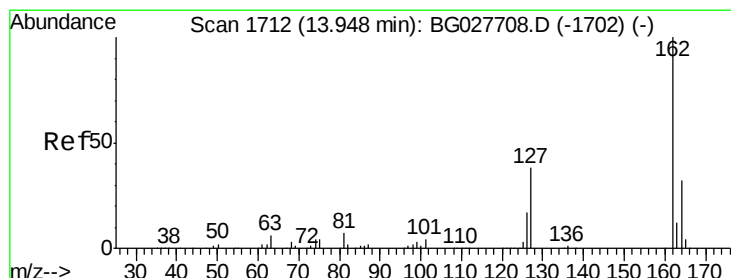
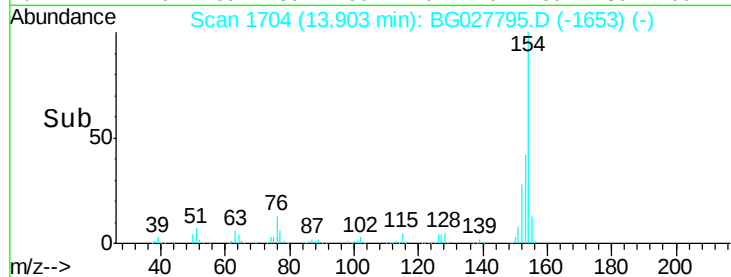
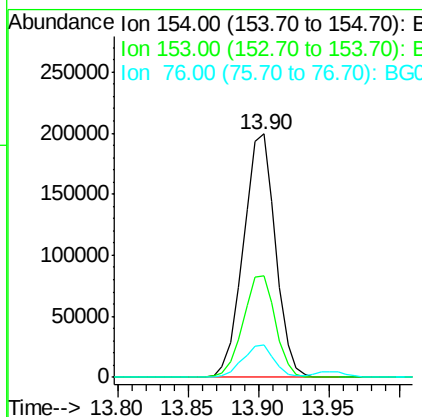
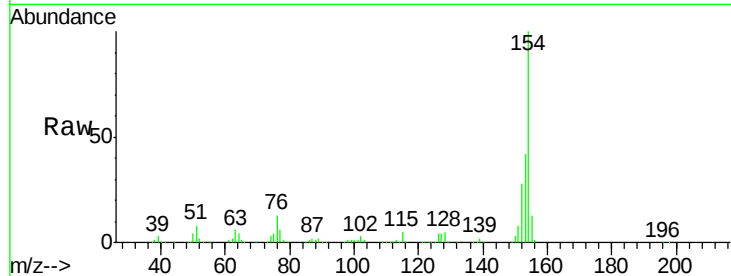
#45
 1,1'-Biphenyl
 Concen: 38.196 ng
 RT: 13.90 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	317140		
153	41.9	23.0	63.0	
76	13.2	0.0	33.5	

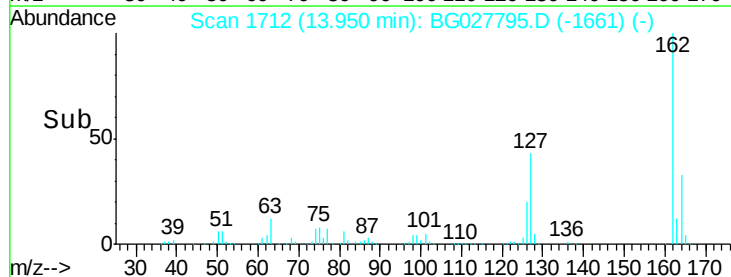
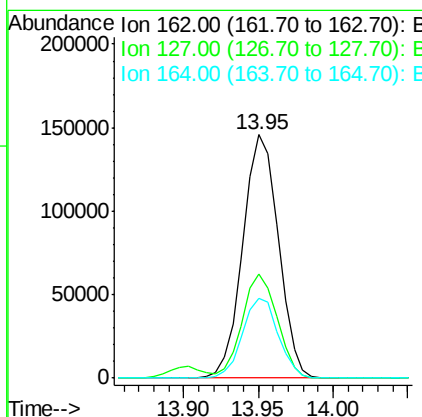
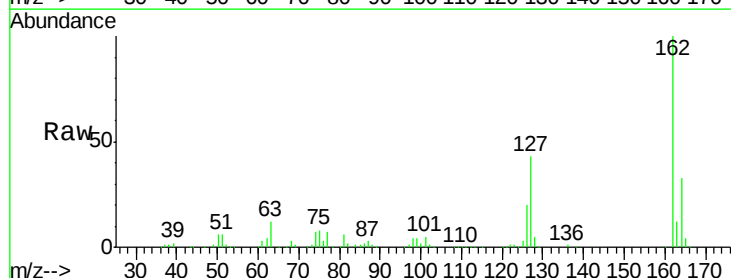
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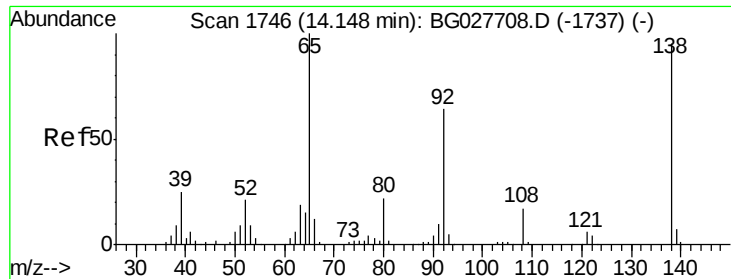
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#46
 2-Chloronaphthalene
 Concen: 38.385 ng
 RT: 13.95 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	240762		
127	42.8	32.2	48.4	
164	33.0	27.3	40.9	





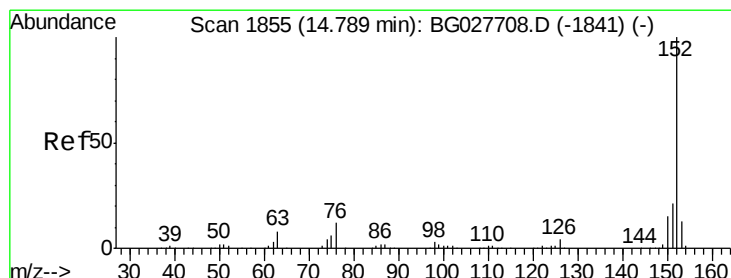
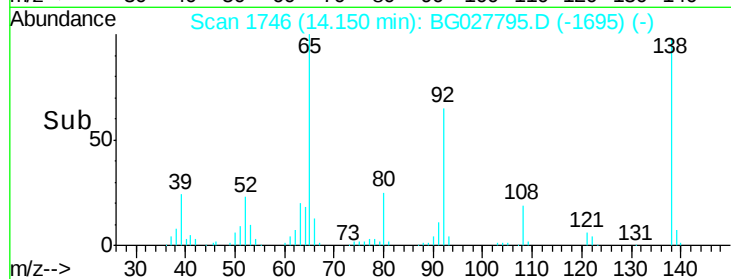
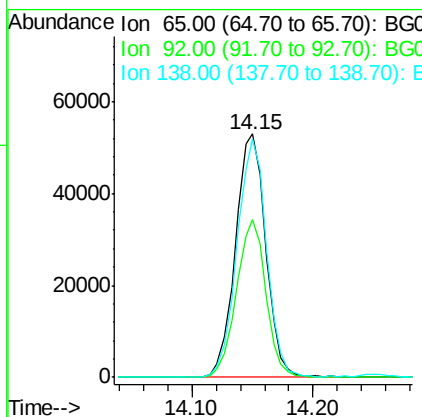
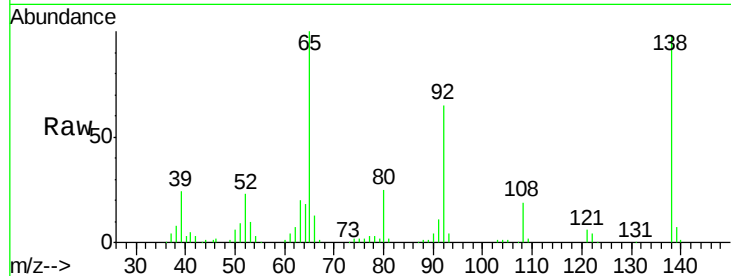
#47
 2-Nitroaniline
 Concen: 36.948 ng
 RT: 14.15 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	49.0	73.4
138	98.1	58.6	87.8

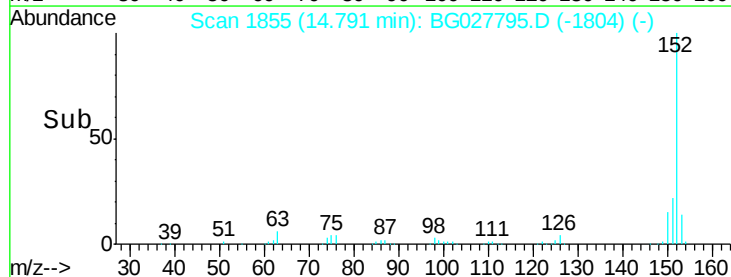
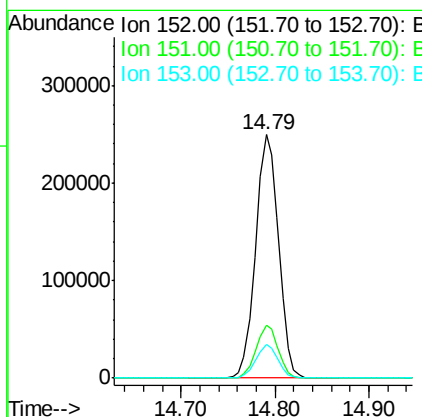
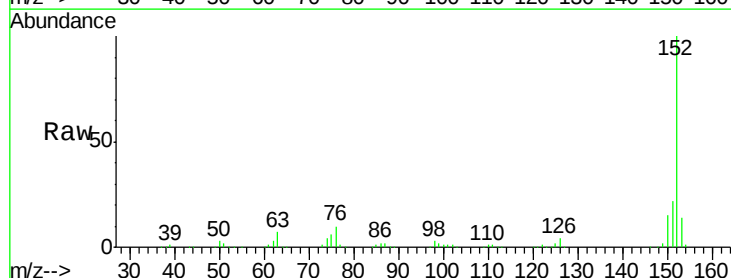
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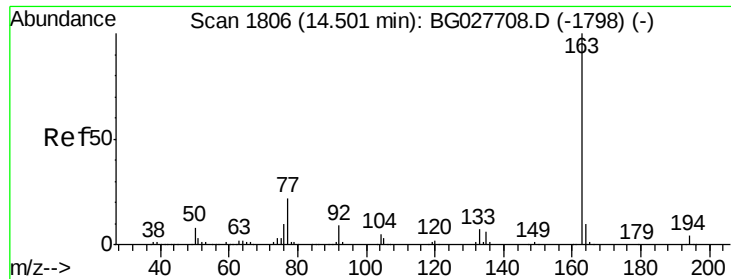
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#48
 Acenaphthylene
 Concen: 36.629 ng
 RT: 14.79 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.2
153	13.8	11.3	16.9





#49

Dimethylphthalate

Concen: 38.714 ng

RT: 14.50 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

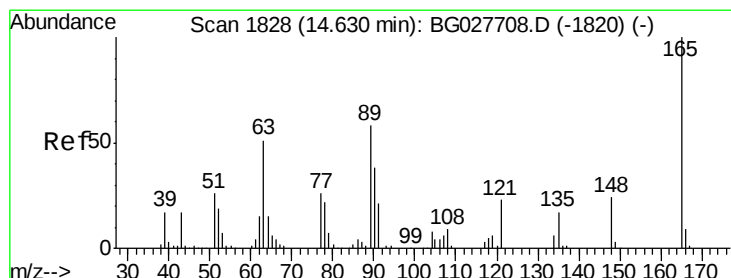
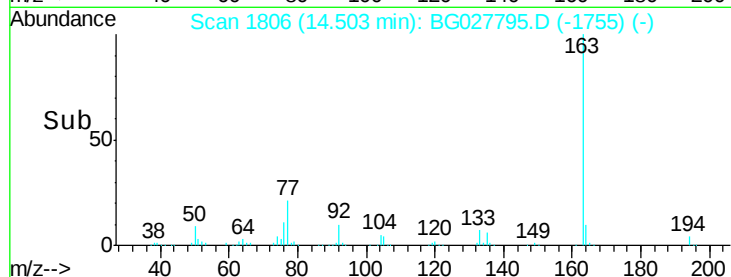
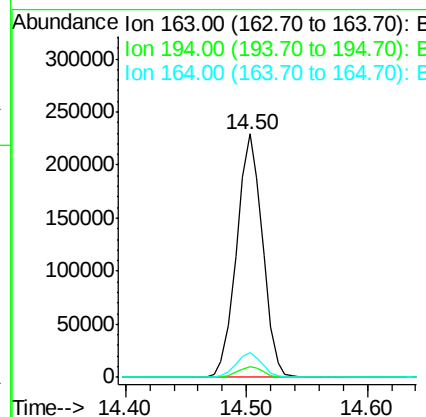
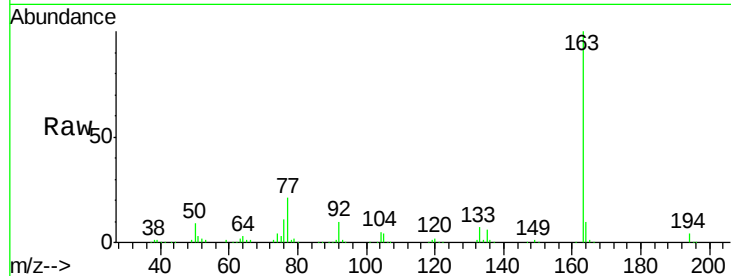
ClientSampleId :

PB100363BS

Tgt Ion:	163	Resp:	342109
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.8	5.6
164	10.3	9.3	13.9

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#50

2,6-Dinitrotoluene

Concen: 40.169 ng

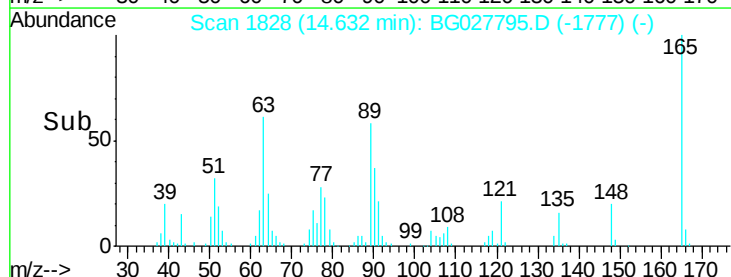
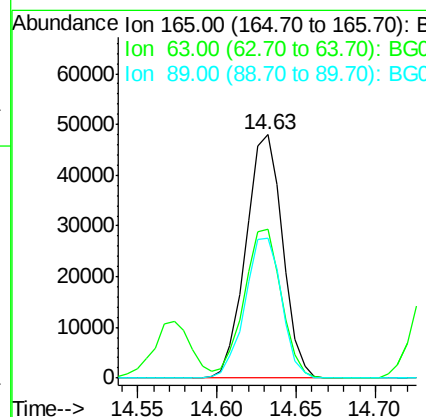
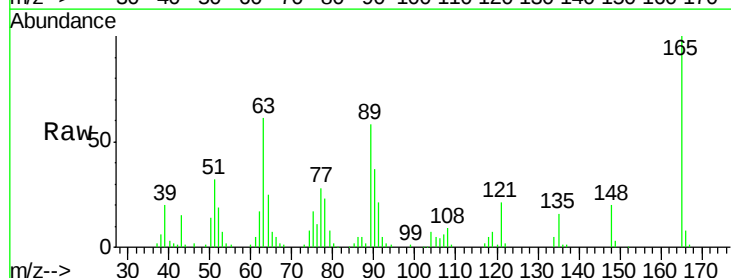
RT: 14.63 min Scan# 1828

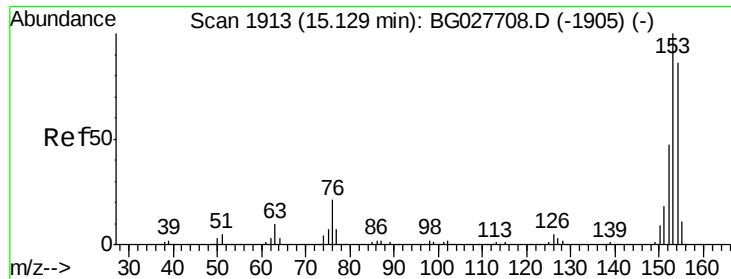
Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Tgt Ion:	165	Resp:	77163
Ion Ratio	Lower	Upper	
165	100		
63	61.4	63.9	95.9#
89	57.6	58.6	88.0#





#51

Acenaphthene

Concen: 34.891 ng

RT: 15.13 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG027795.D

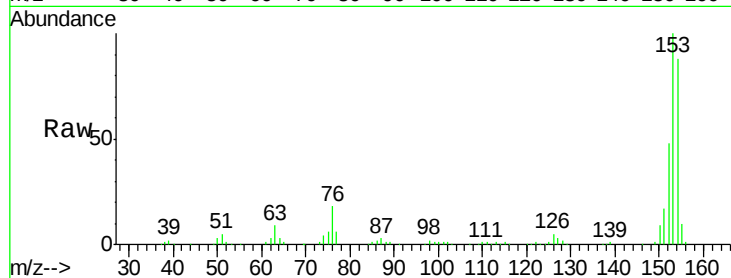
Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

PB100363BS



Tgt Ion:154 Resp: 256300

Ion Ratio Lower Upper

154 100

153 113.0 87.8 131.6

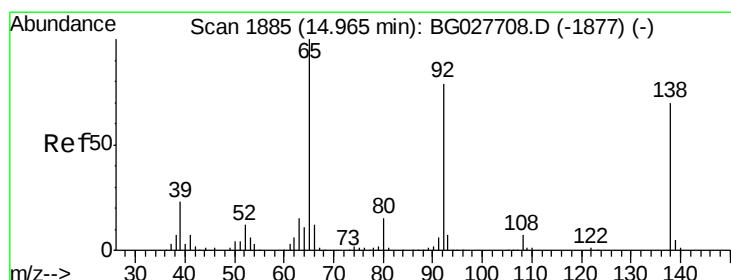
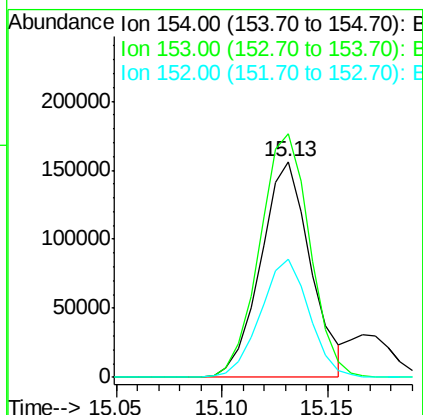
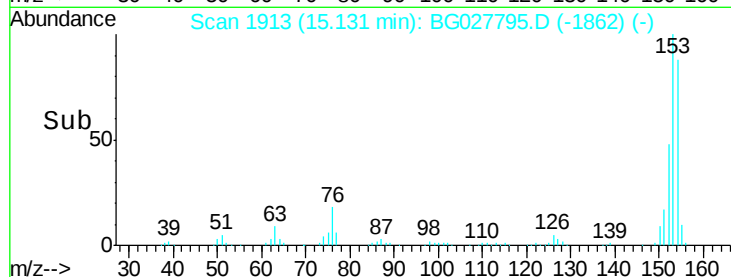
152 54.6 42.2 63.4

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#52

3-Nitroaniline

Concen: 18.049 ng

RT: 14.97 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

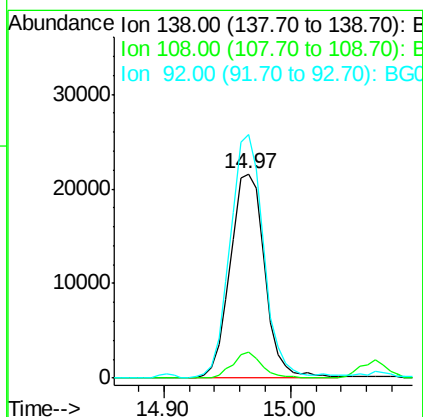
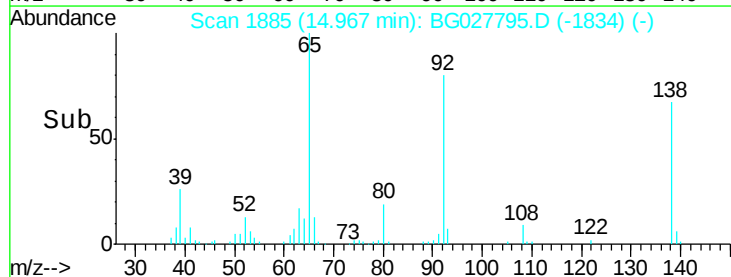
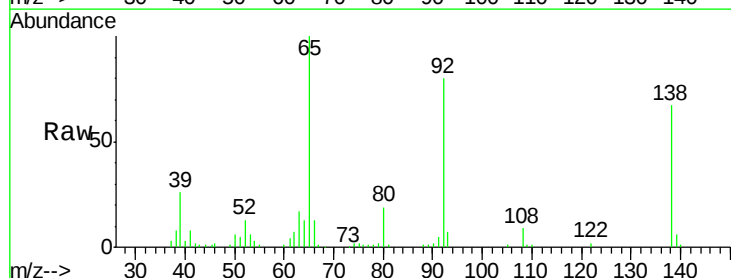
Tgt Ion:138 Resp: 40789

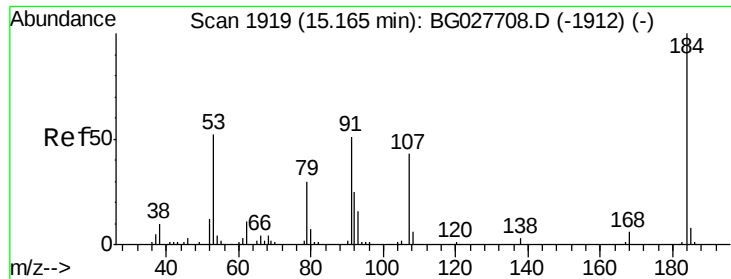
Ion Ratio Lower Upper

138 100

108 12.7 10.9 16.3

92 119.1 115.3 172.9





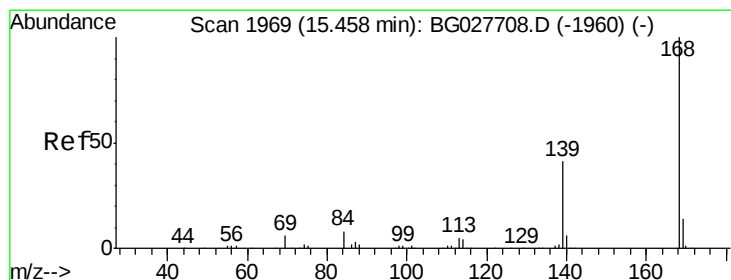
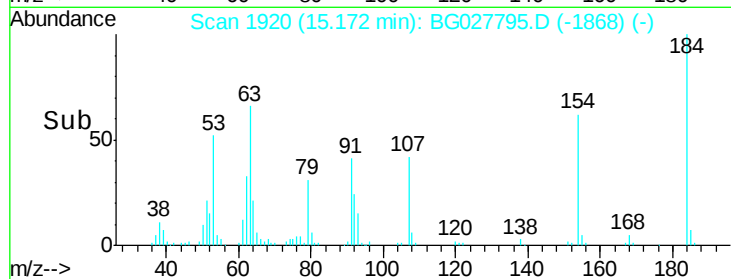
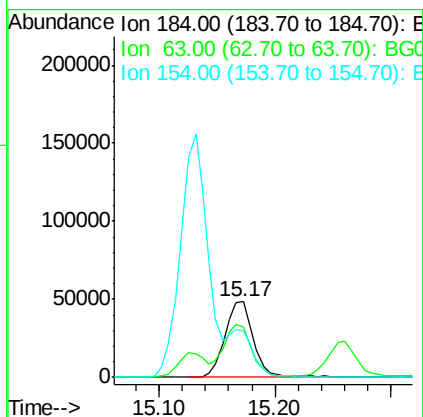
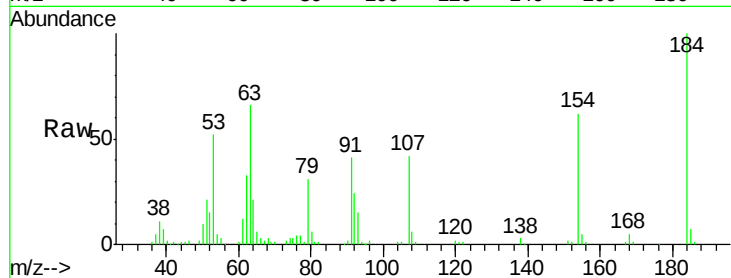
#53
2,4-Dinitrophenol
Concen: 78.966 ng
RT: 15.17 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	83119		
63	66.3	52.7	79.1	
154	62.1	57.3	85.9	

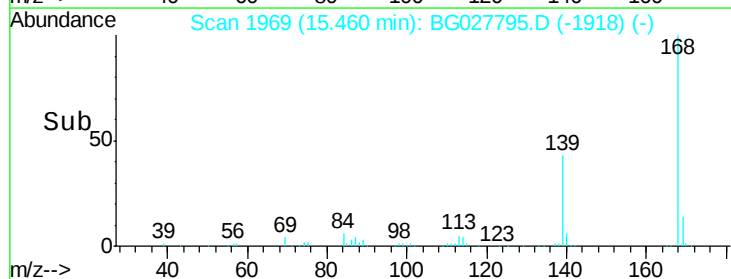
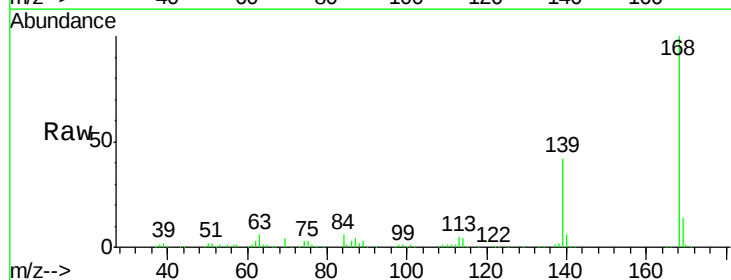
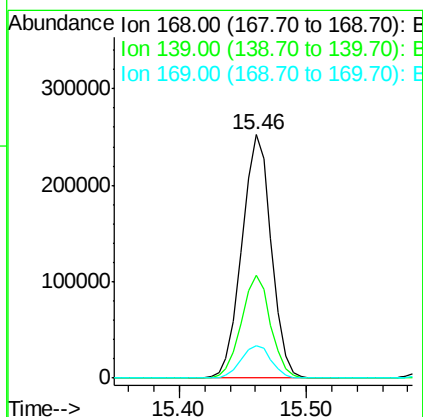
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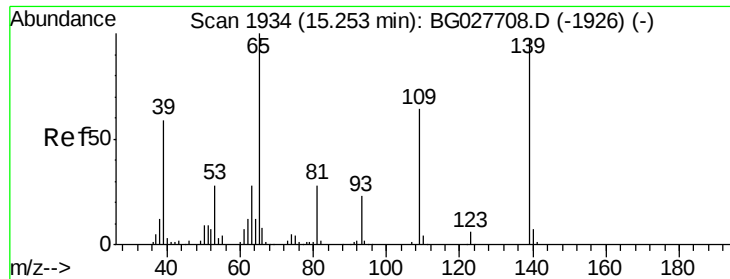
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#54
Dibenzofuran
Concen: 41.700 ng
RT: 15.46 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	405038		
139	42.3	35.3	52.9	
169	13.5	11.5	17.3	





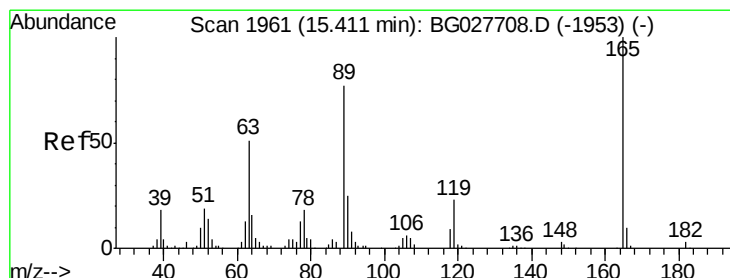
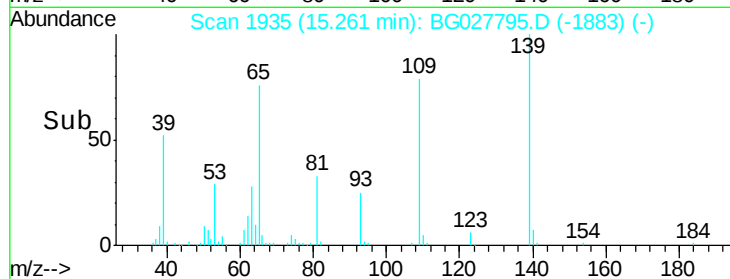
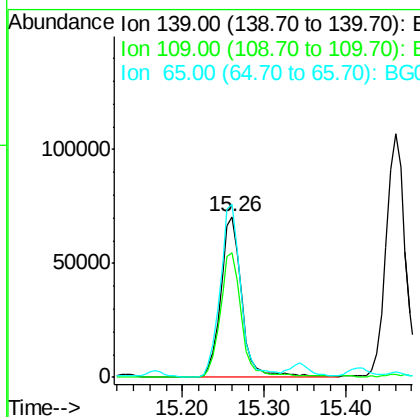
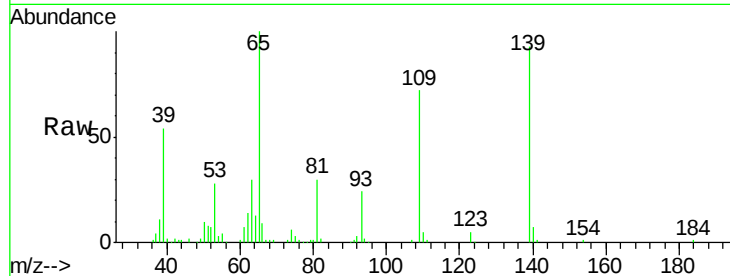
#55
4-Nitrophenol
Concen: 73.676 ng
RT: 15.26 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.5	101.2	141.2#	
65	108.1	135.3	175.3#	

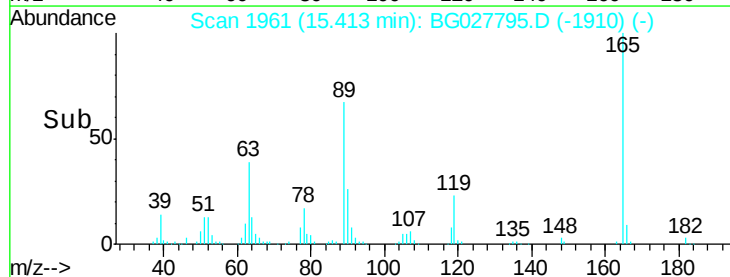
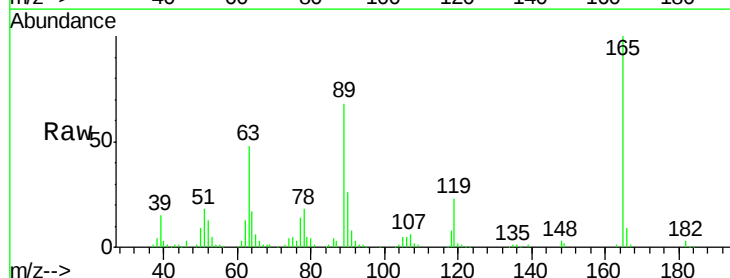
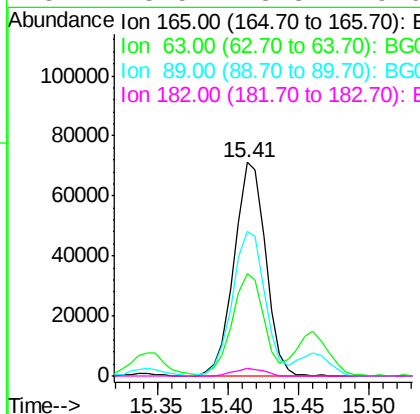
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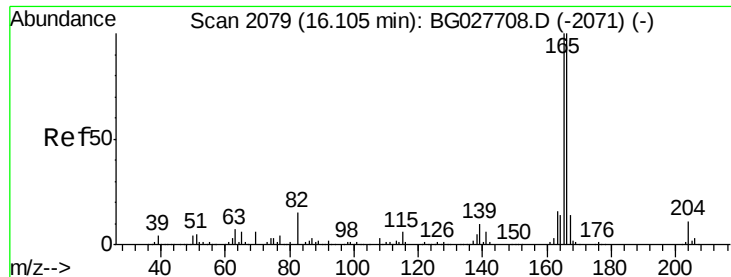
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#56
2,4-Dinitrotoluene
Concen: 41.421 ng
RT: 15.41 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	44.0	66.0	
89	68.0	67.3	100.9	
182	3.5	3.8	5.6#	





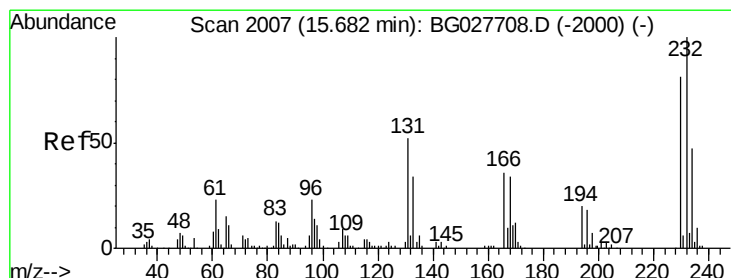
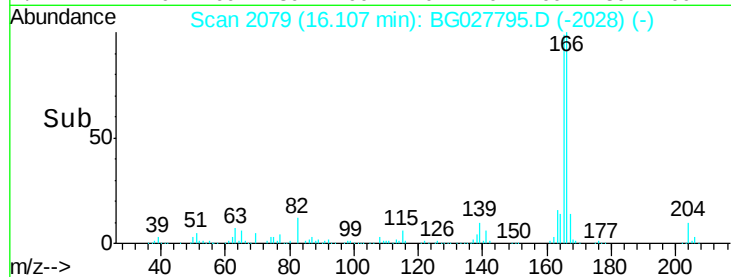
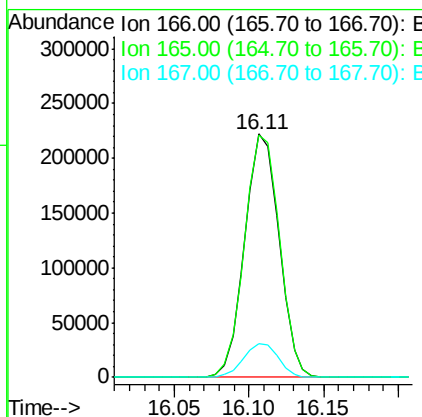
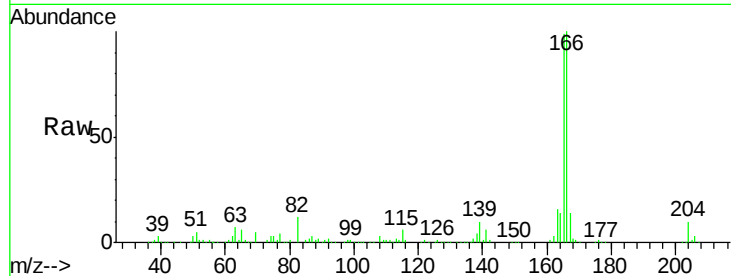
#57
 Fluorene
 Concen: 37.656 ng
 RT: 16.11 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	354633		
165	99.4	78.6	117.8	
167	13.6	11.6	17.4	

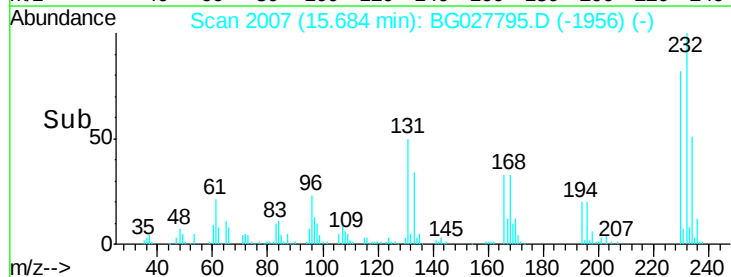
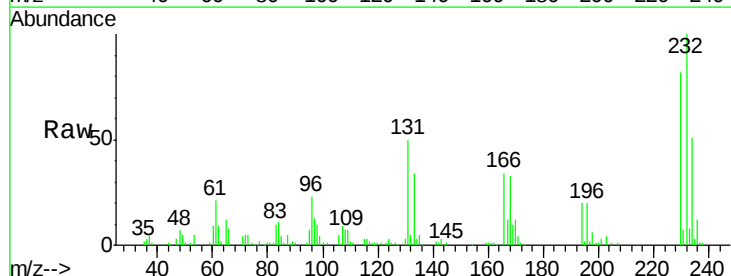
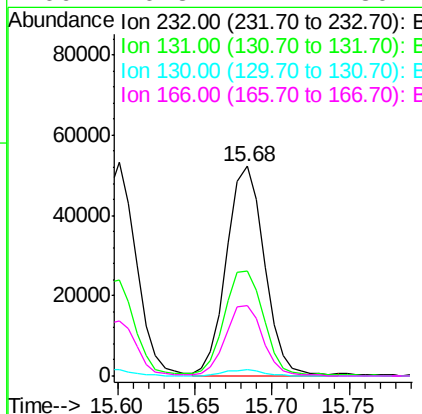
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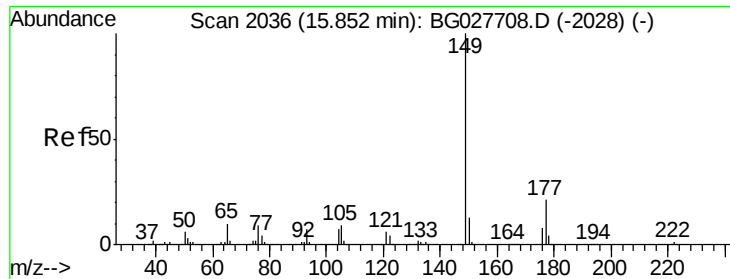
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.181 ng m
 RT: 15.68 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	88683		
131	44.4	34.9	52.3	
130	2.8	2.3	3.5	
166	26.3	24.2	36.4	





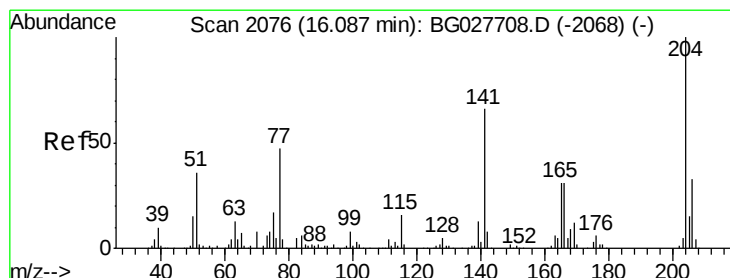
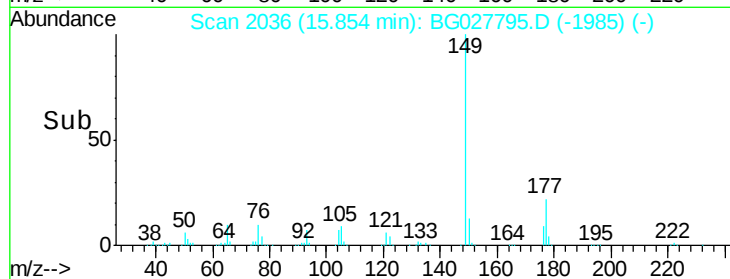
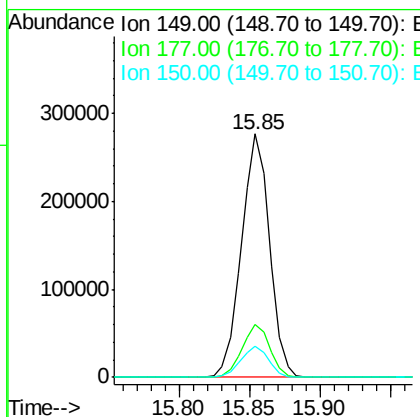
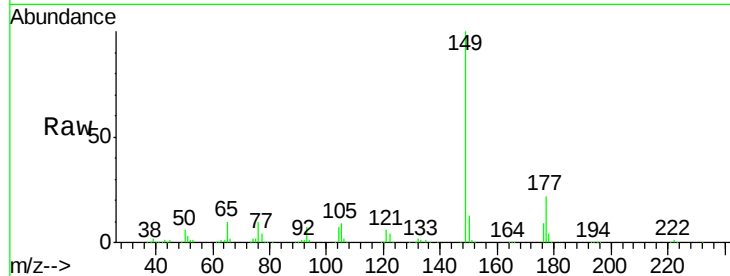
#59
Diethylphthalate
Concen: 39.187 ng
RT: 15.85 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383446		
177	21.8	20.1	30.1	
150	12.6	10.2	15.2	

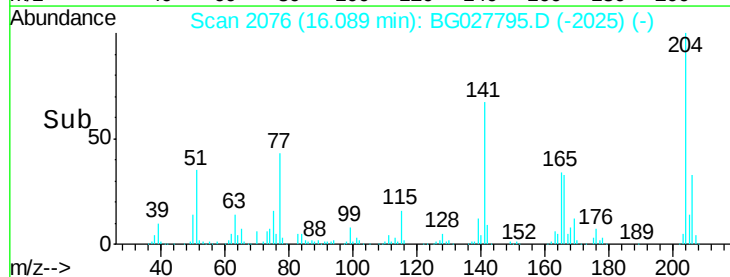
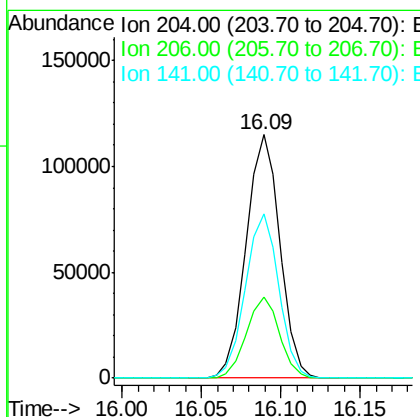
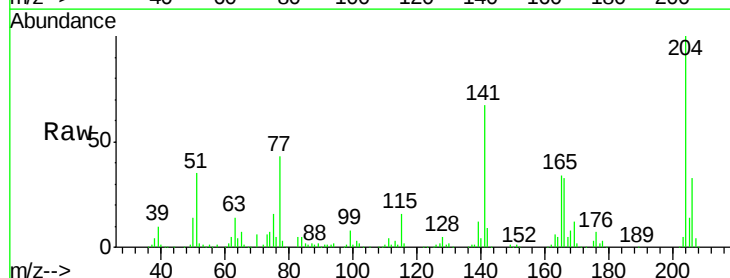
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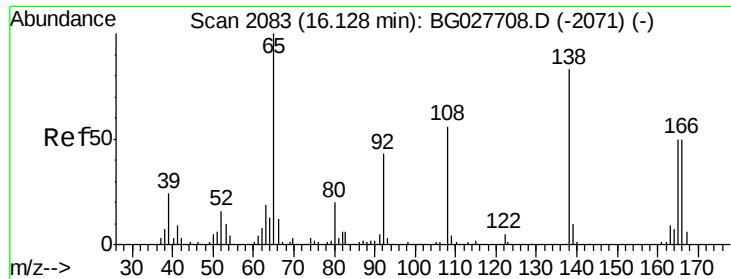
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#60
4-Chlorophenyl-phenylether
Concen: 40.770 ng
RT: 16.09 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	169973		
206	33.5	30.1	45.1	
141	67.3	50.6	76.0	





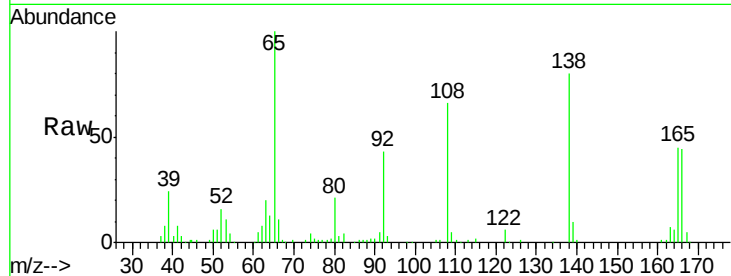
#61
4-Nitroaniline
Concen: 36.816 ng
RT: 16.13 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

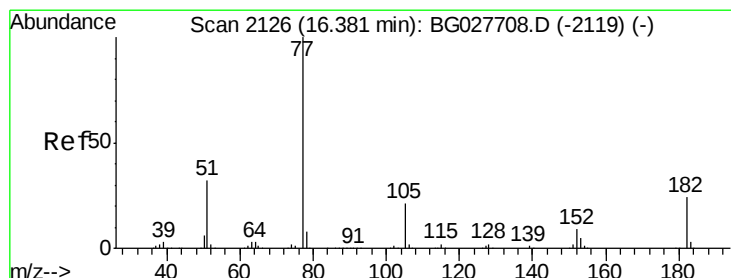
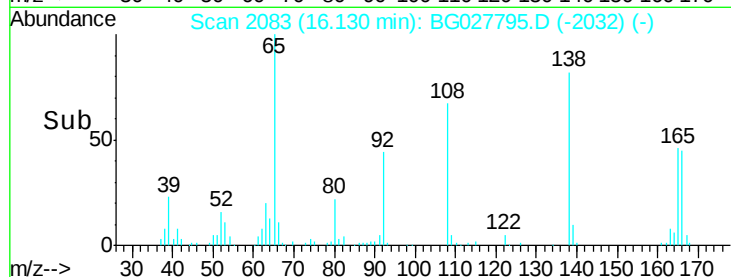
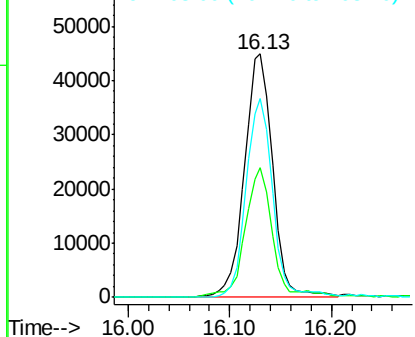
Tgt Ion: 138 Resp: 86679
Ion Ratio Lower Upper
138 100
92 53.4 44.2 84.2
108 81.5 104.8 144.8#

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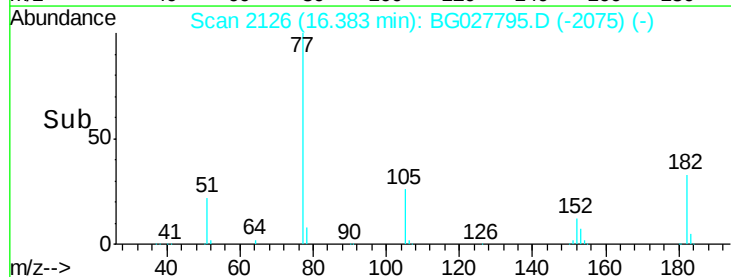
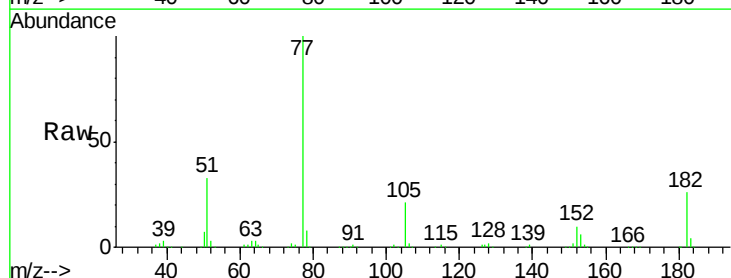
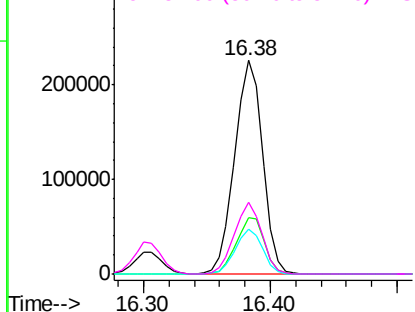
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

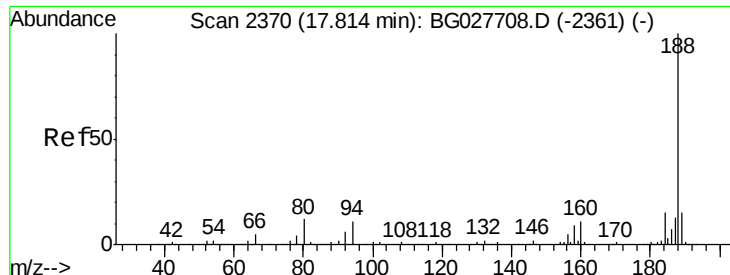


#62
Azobenzene
Concen: 39.934 ng
RT: 16.38 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion: 77 Resp: 343365
Ion Ratio Lower Upper
77 100
182 26.4 4.7 44.7
105 20.8 0.0 36.3
51 33.4 16.4 56.4

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





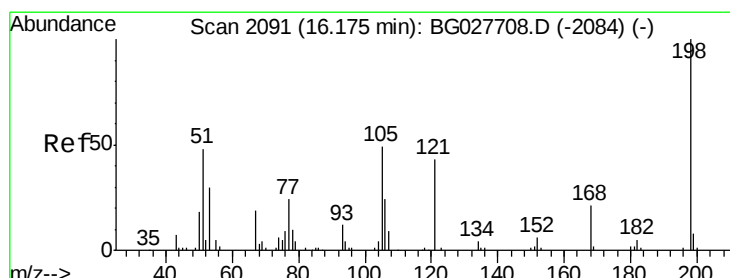
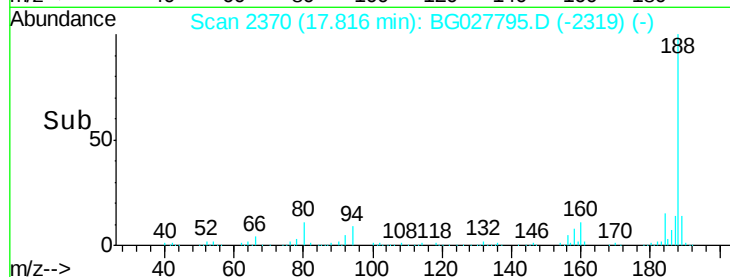
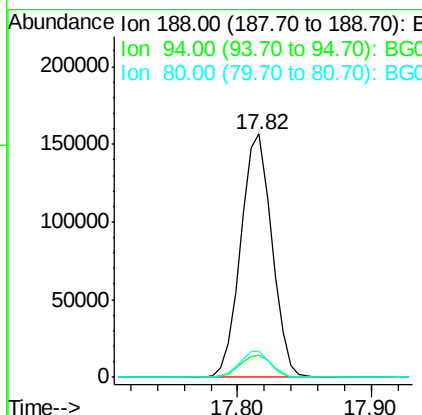
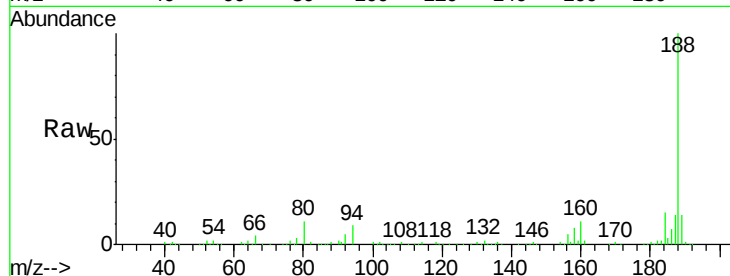
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.82 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	251761		
94	9.2	5.8	8.8#	
80	10.7	7.5	11.3	

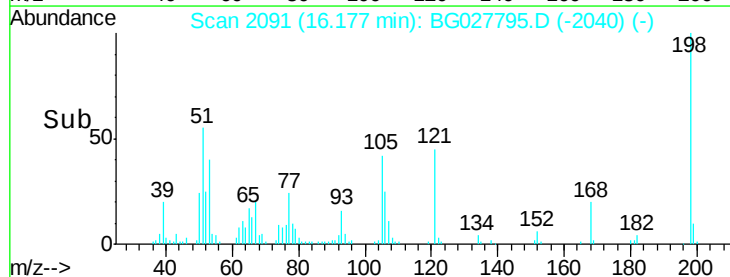
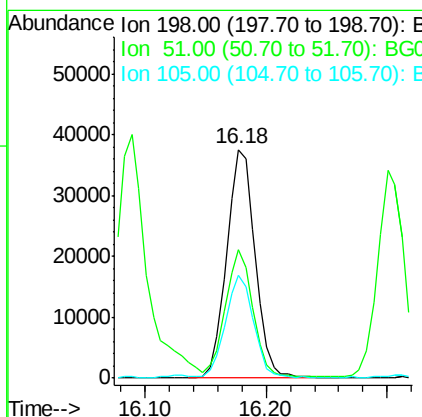
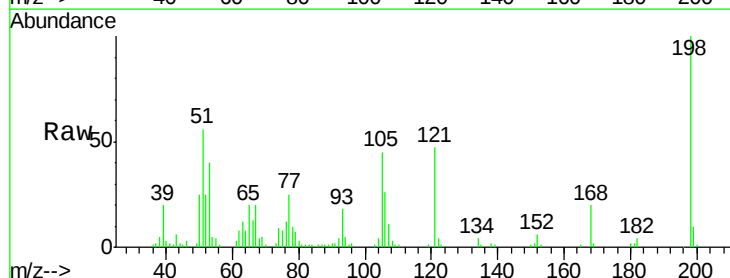
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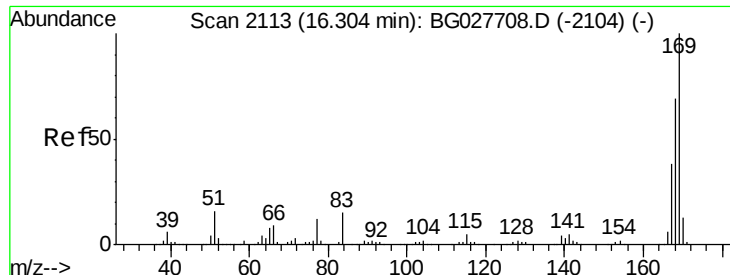
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.282 ng
 RT: 16.18 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	61546		
51	56.1	22.6	62.6	
105	45.1	14.4	54.4	





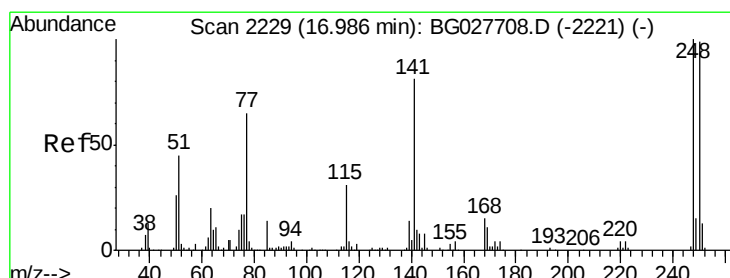
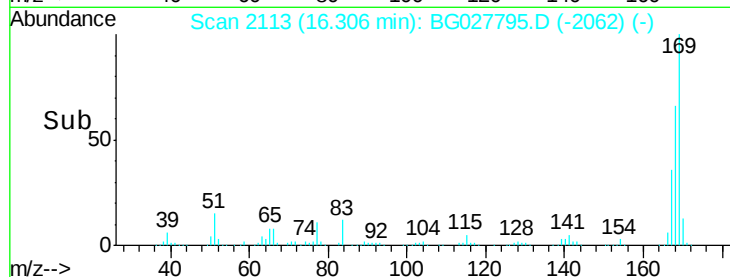
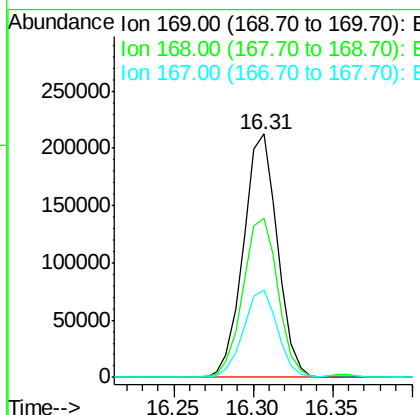
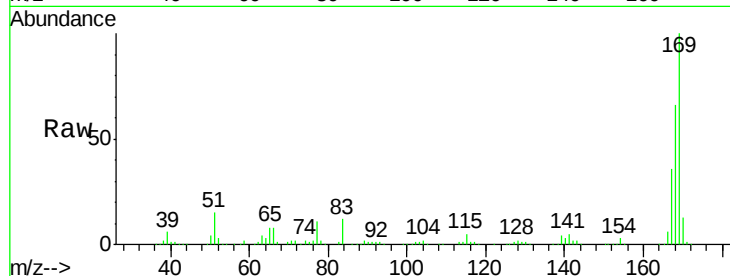
#65
 n-Nitrosodiphenylamine
 Concen: 38.751 ng
 RT: 16.31 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	317363		
168	65.6	55.7	83.5	
167	35.9	29.8	44.6	

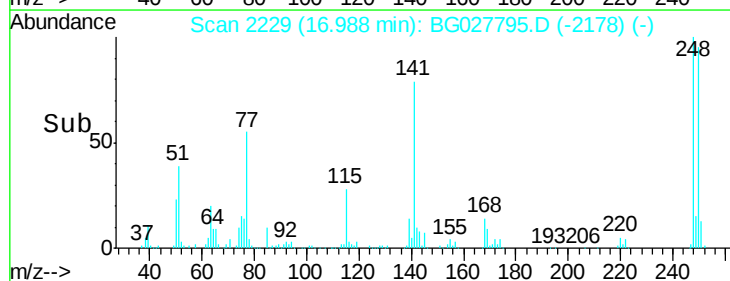
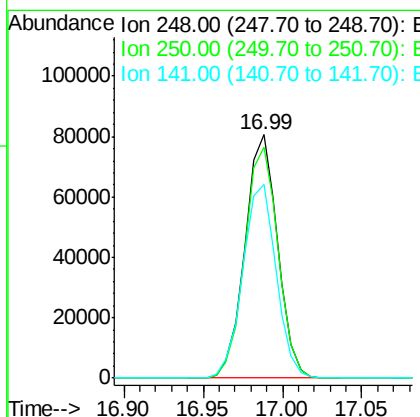
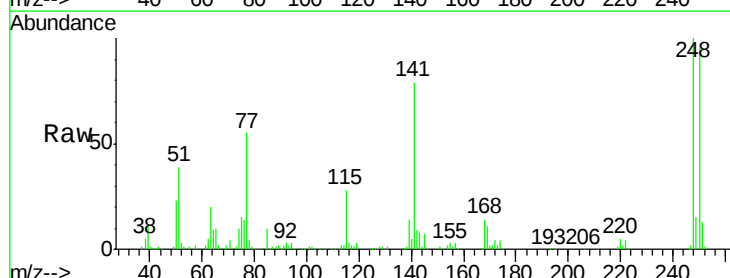
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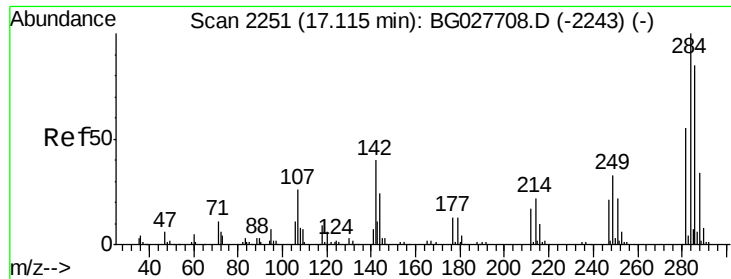
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#66
 4-Bromophenyl-phenylether
 Concen: 43.779 ng
 RT: 16.99 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	115279		
250	94.6	75.0	112.6	
141	79.4	55.2	82.8	





#67

Hexachlorobenzene

Concen: 43.029 ng

RT: 17.12 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG027795.D

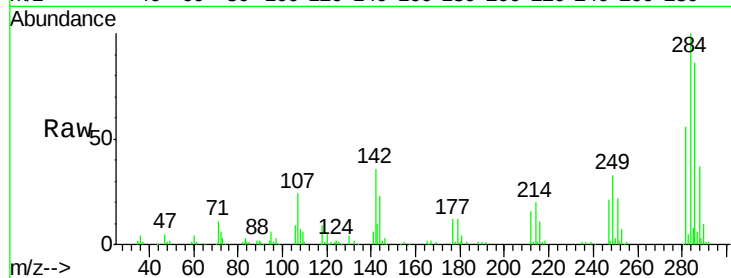
Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

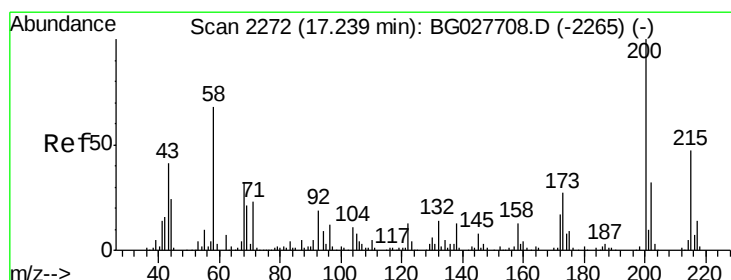
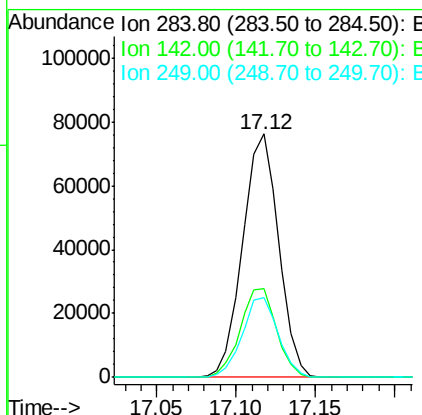
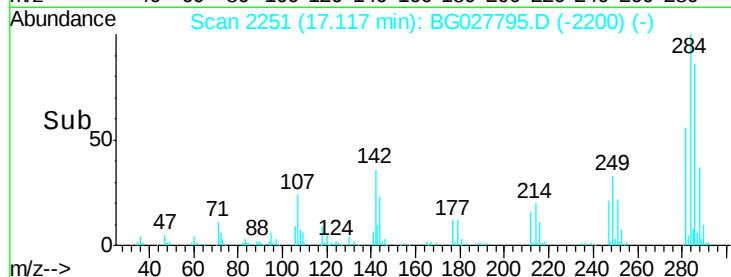
PB100363BS



Tgt Ion:	284	Resp:	119993
Ion Ratio	Lower	Upper	
284	100		
142	36.3	29.9	44.9
249	32.9	29.2	43.8

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#68

Atrazine

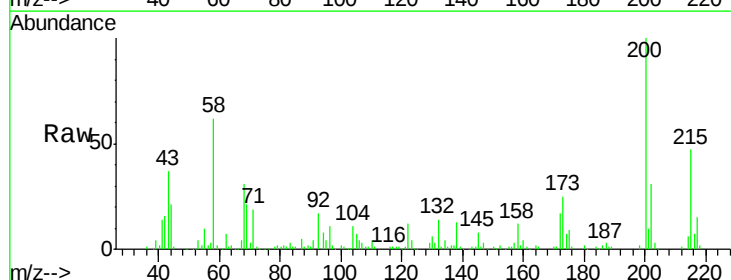
Concen: 44.157 ng

RT: 17.24 min Scan# 2272

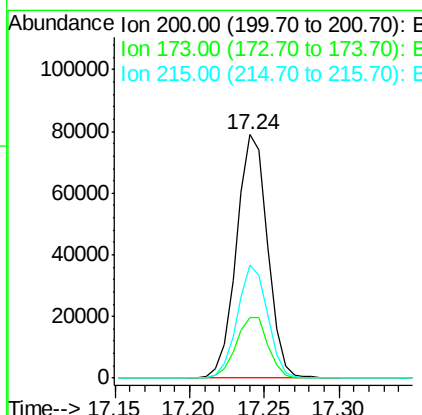
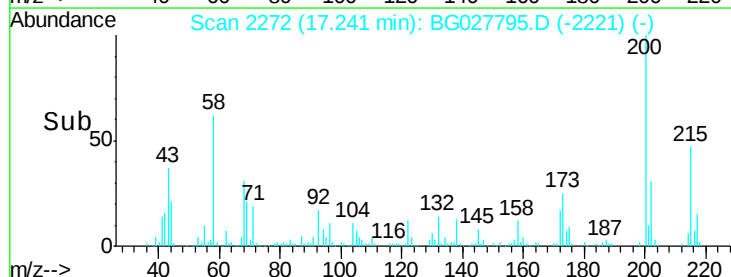
Delta R.T. 0.00 min

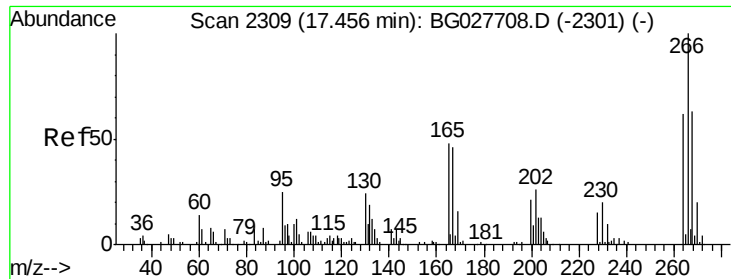
Lab File: BG027795.D

Acq: 1 Jul 2017 22:42



Tgt Ion:	200	Resp:	114174
Ion Ratio	Lower	Upper	
200	100		
173	24.7	3.0	43.0
215	46.7	28.4	68.4





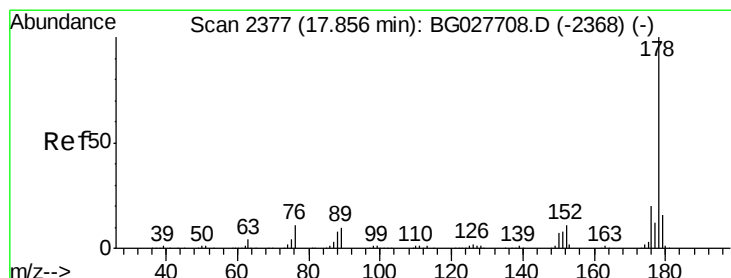
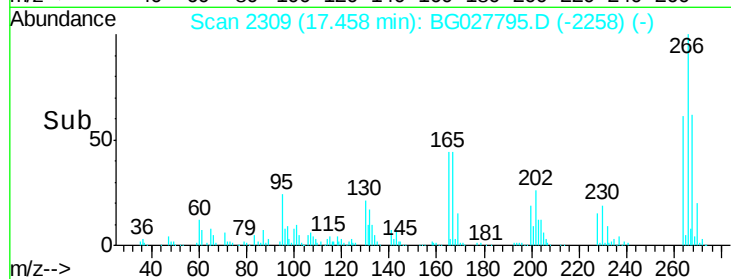
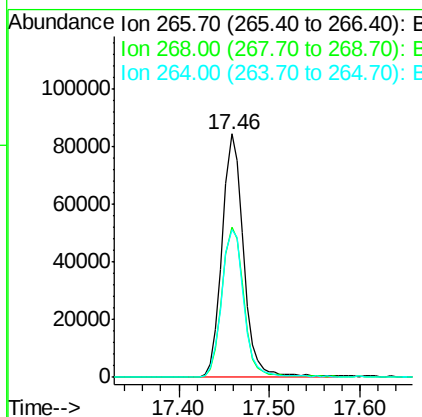
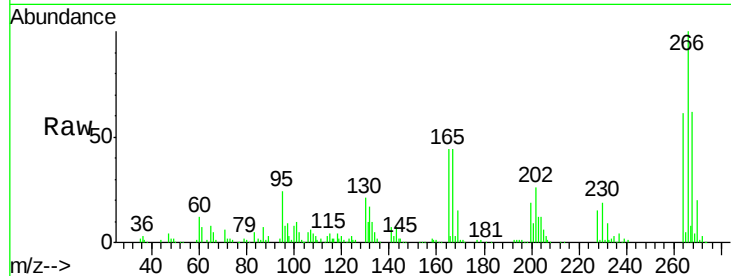
#69
 Pentachlorophenol
 Concen: 78.450 ng
 RT: 17.46 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	139444		
268	61.9	48.6	72.8	
264	60.7	50.1	75.1	

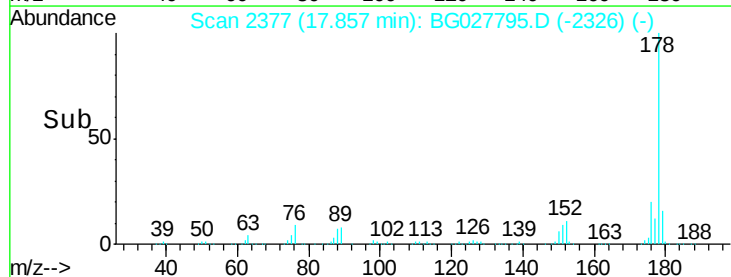
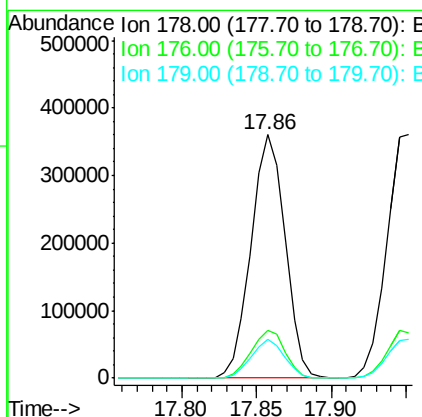
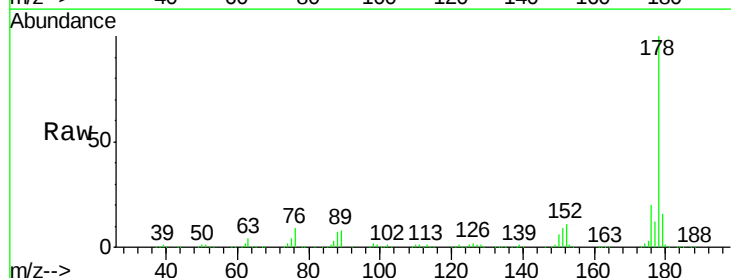
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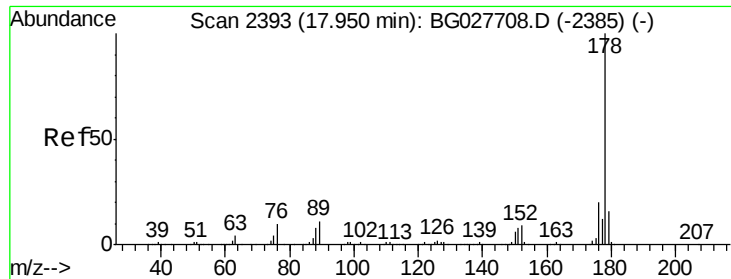
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#70
 Phenanthrene
 Concen: 39.124 ng
 RT: 17.86 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	568636		
176	19.8	17.7	26.5	
179	15.9	15.0	22.6	





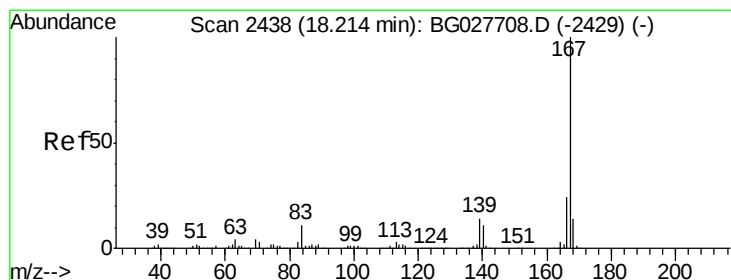
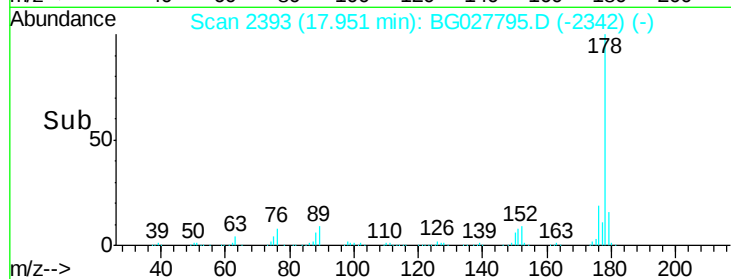
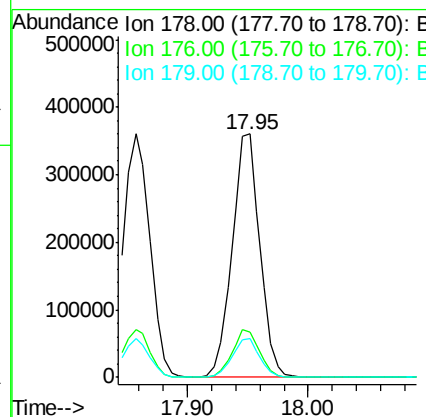
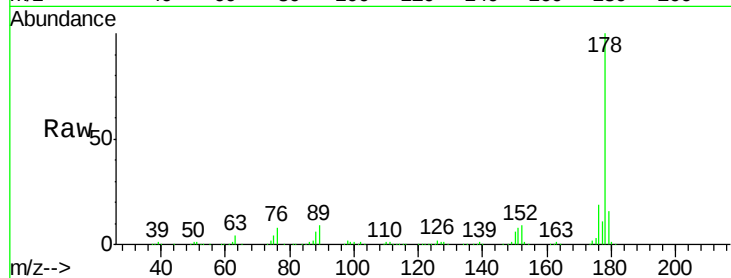
#71
 Anthracene
 Concen: 38.956 ng
 RT: 17.95 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	15.8	13.8	20.8

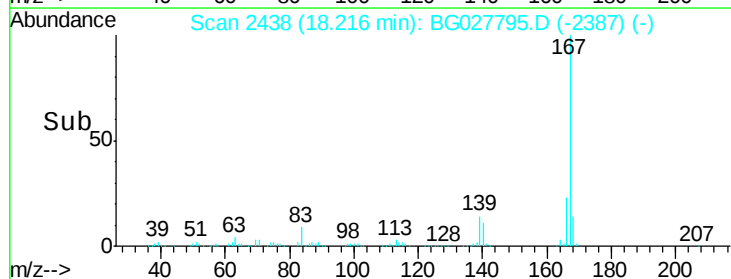
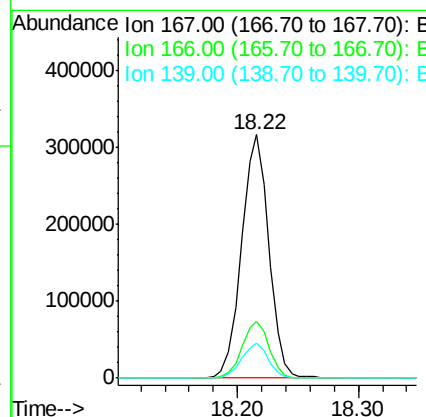
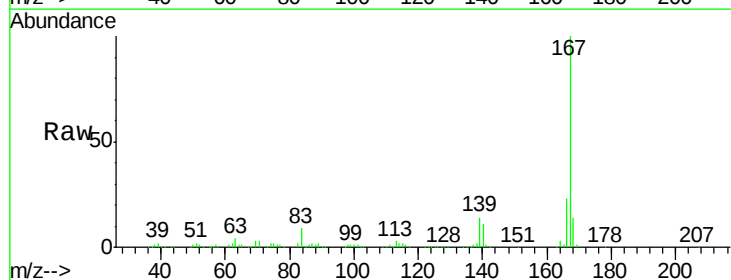
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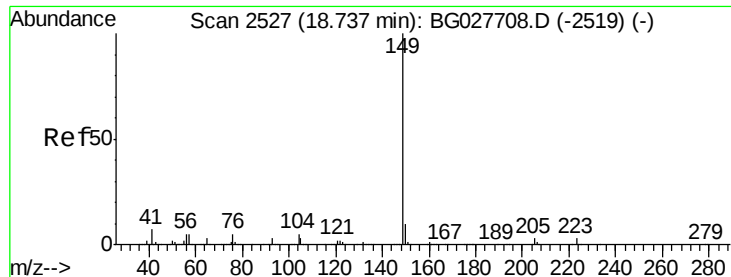
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#72
 Carbazole
 Concen: 34.440 ng
 RT: 18.22 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	20.2	30.2
139	14.5	12.8	19.2





#73

Di-n-butylphthalate

Concen: 39.977 ng

RT: 18.73 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

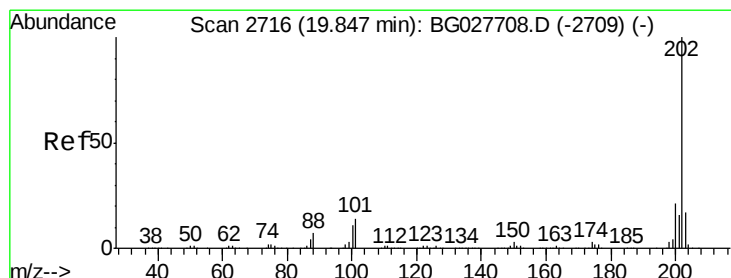
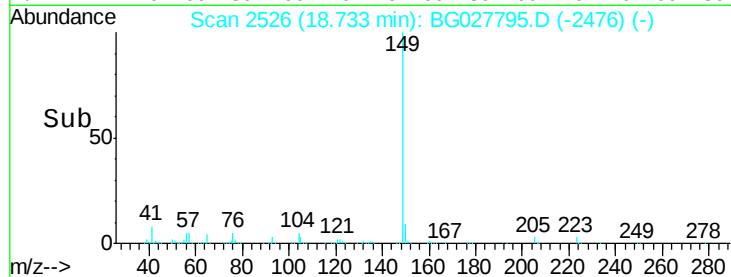
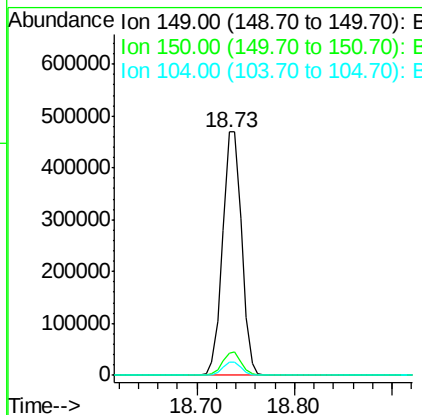
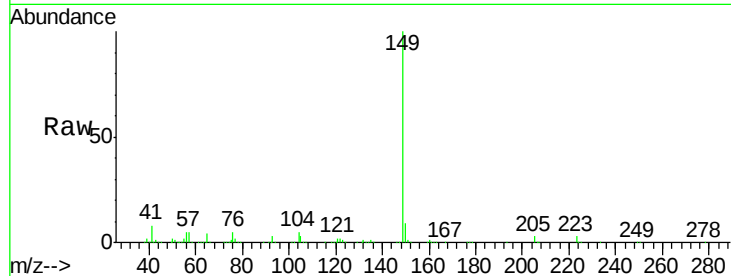
ClientSampleId :

PB100363BS

Tgt Ion:	149	Resp:	634993
Ion Ratio	Lower	Upper	
149	100		
150	9.3	9.1	13.7
104	5.3	6.7	10.1#

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#74

Fluoranthene

Concen: 39.402 ng

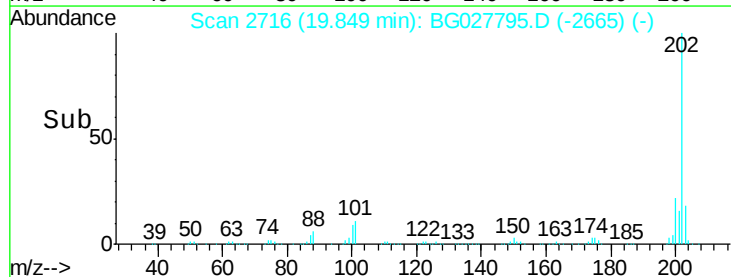
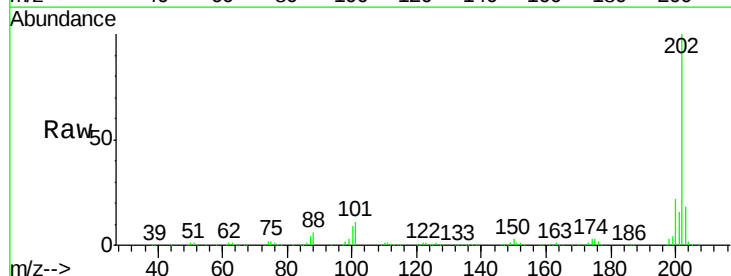
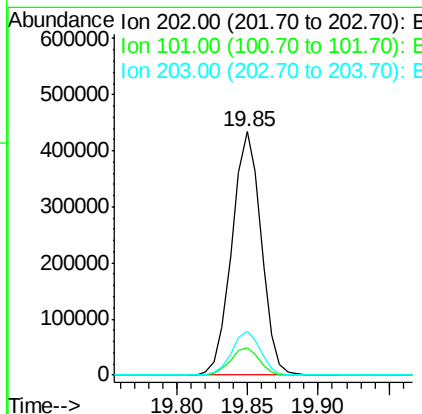
RT: 19.85 min Scan# 2716

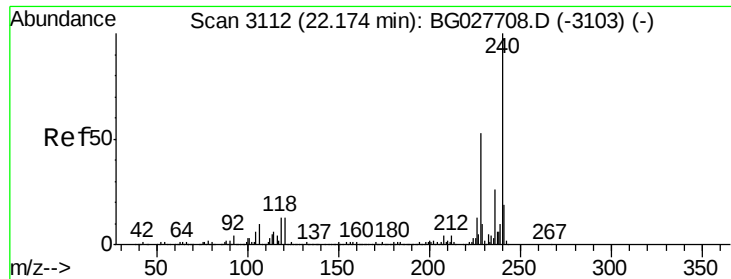
Delta R.T. 0.00 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Tgt Ion:	202	Resp:	625883
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.1
203	18.1	1.3	41.3





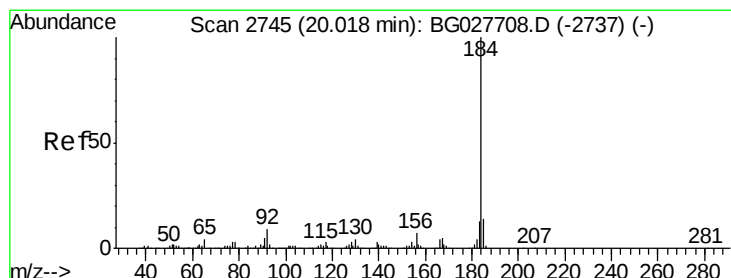
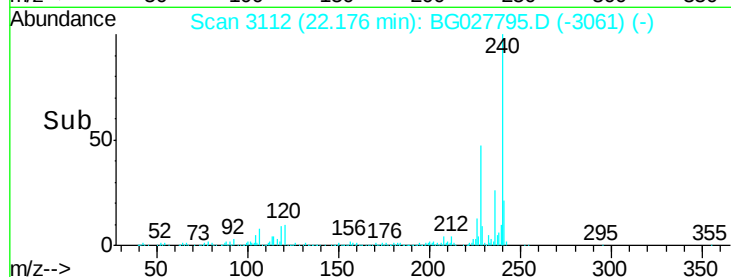
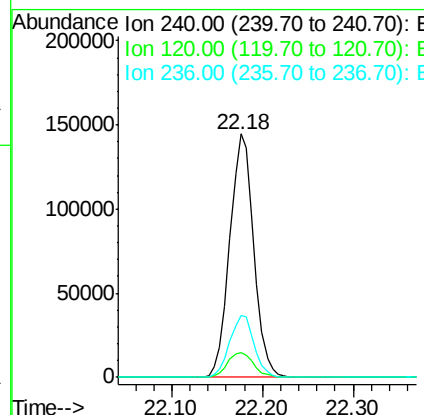
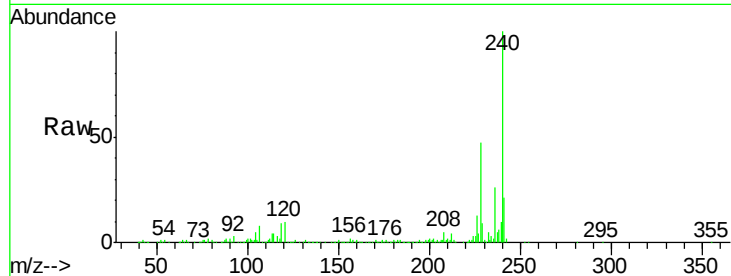
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.18 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.7	8.5#
236	25.6	22.2	33.4

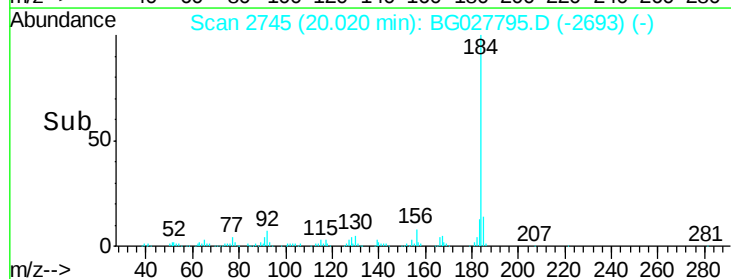
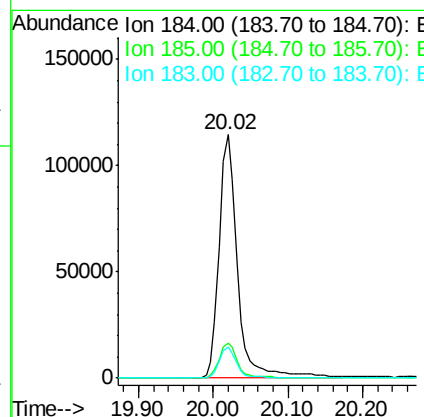
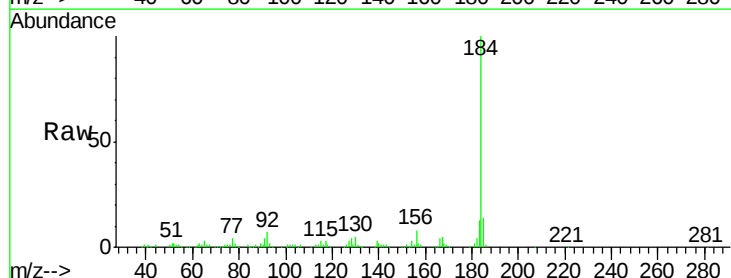
Manual Integrations
APPROVED

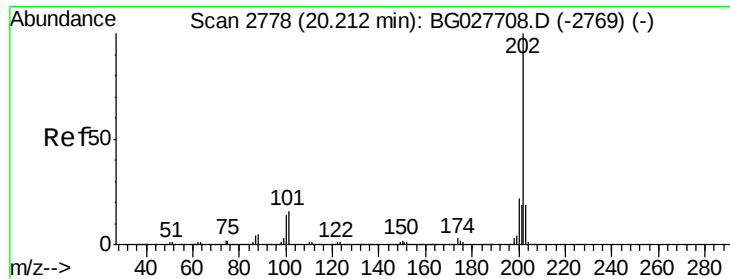
mohammad
7/5/2017 11:31:49 AM



#76
Benzidine
Concen: 32.296 ng
RT: 20.02 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.0	19.6
183	12.6	11.0	16.6





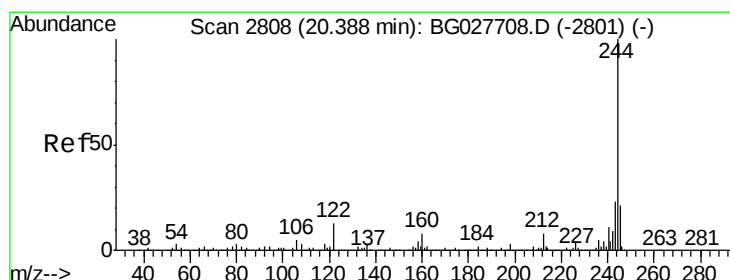
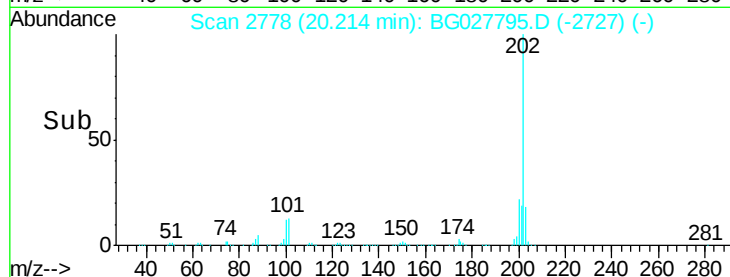
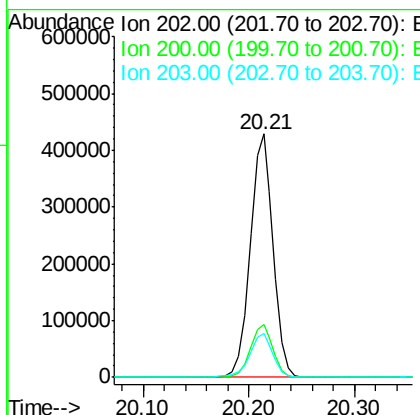
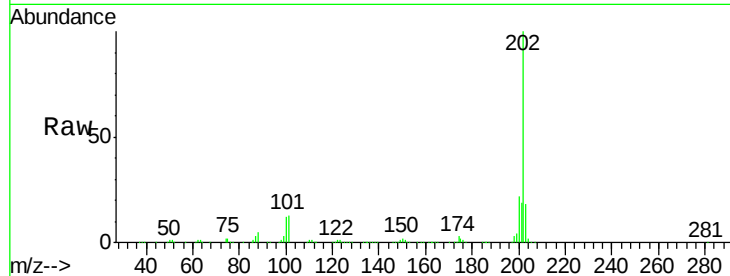
#77
 Pyrene
 Concen: 38.568 ng
 RT: 20.21 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	19.6	29.4	
203	18.1	15.8	23.8	

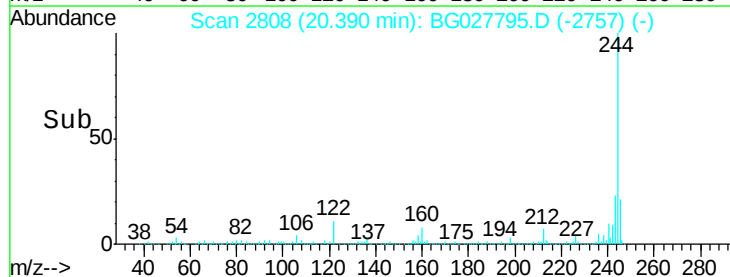
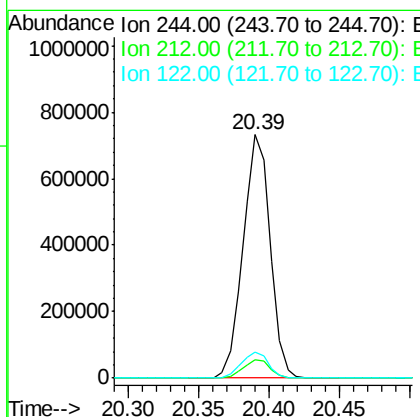
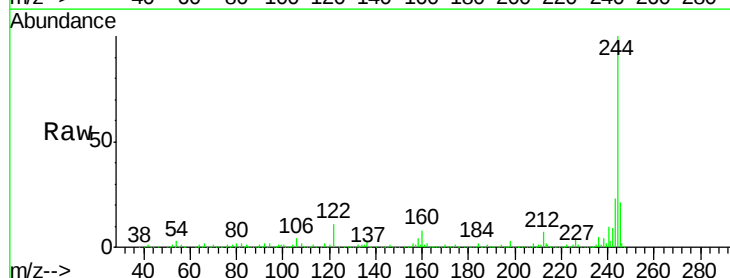
Manual Integrations
 APPROVED

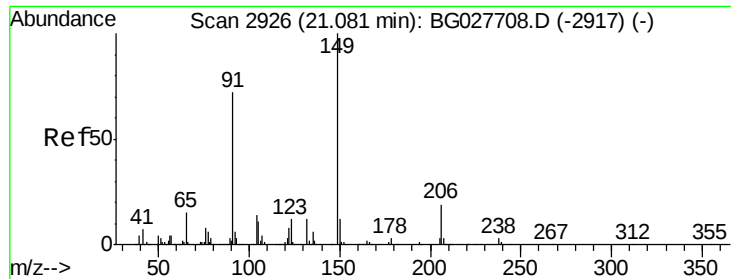
mohammad
 7/5/2017 11:31:49 AM



#78
 Terphenyl-d14
 Concen: 86.641 ng
 RT: 20.39 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	10.0	15.0#	
122	10.7	8.6	12.8	





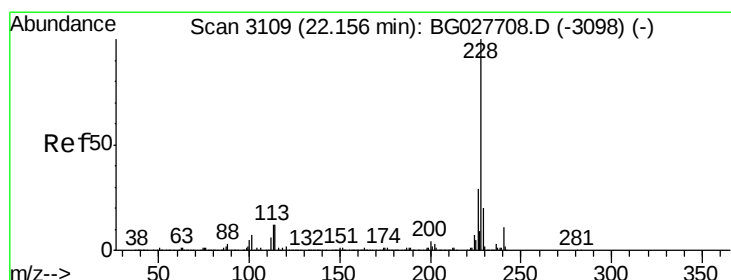
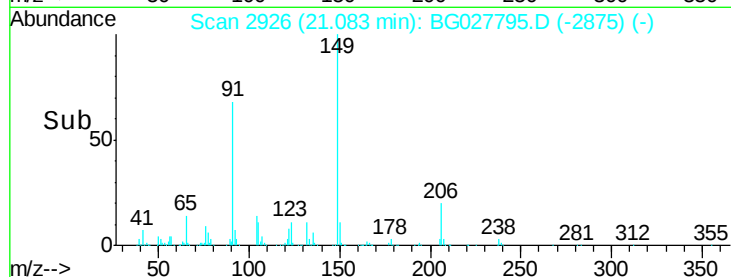
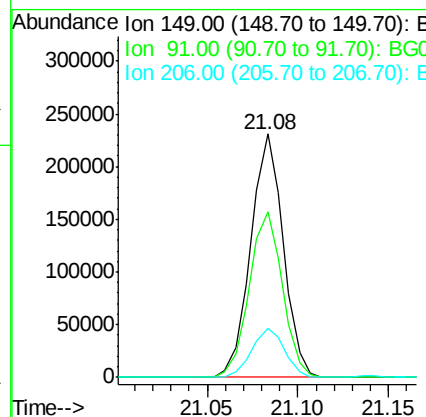
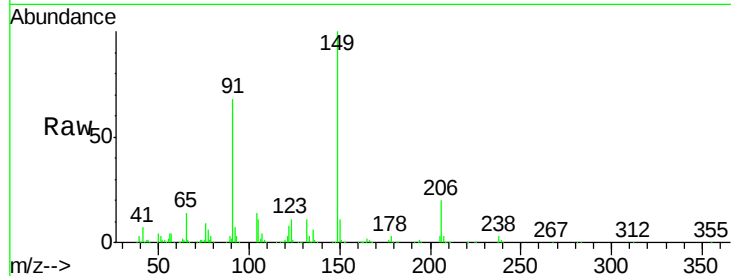
#79
Butylbenzylphthalate
Concen: 38.351 ng
RT: 21.08 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.7	63.5	95.3
206	20.4	21.0	31.6

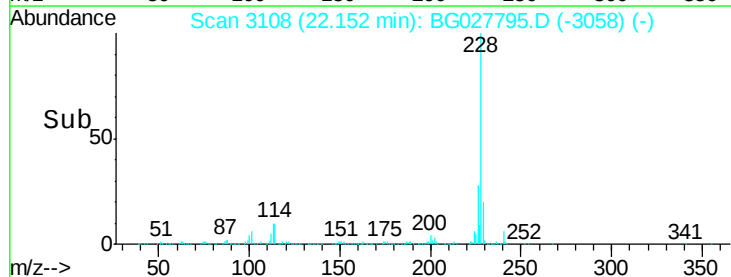
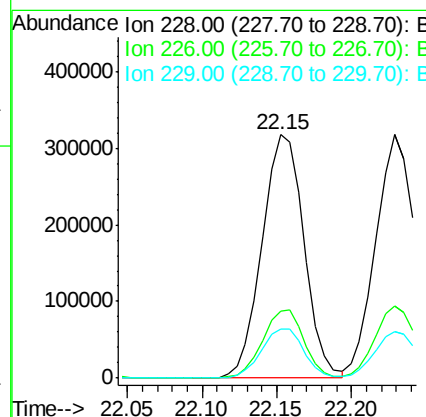
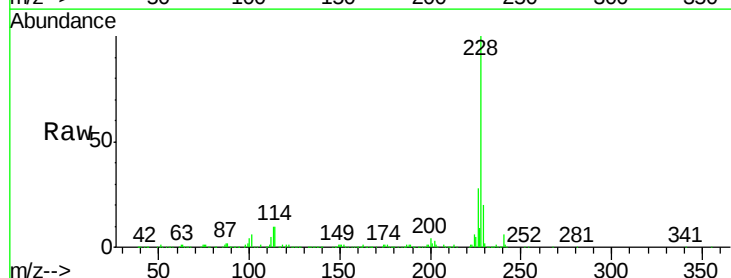
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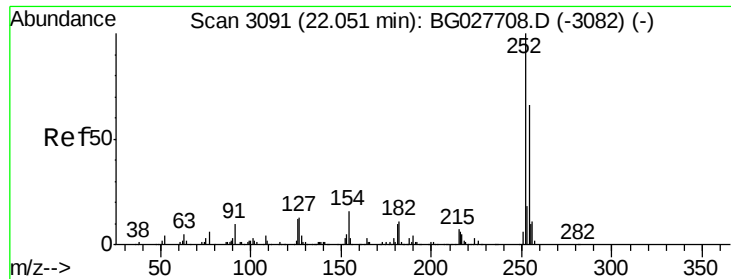
mohammad
7/5/2017 11:31:49 AM



#80
Benzo(a)anthracene
Concen: 38.689 ng
RT: 22.15 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	24.9	37.3
229	20.1	18.2	27.2





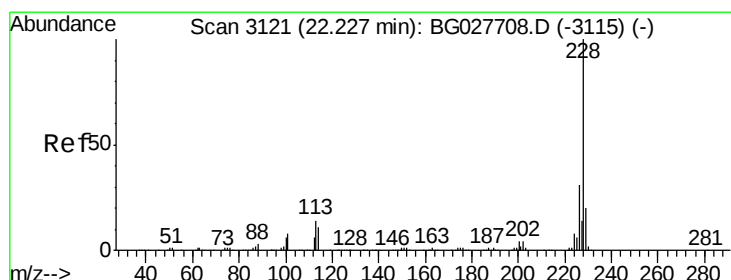
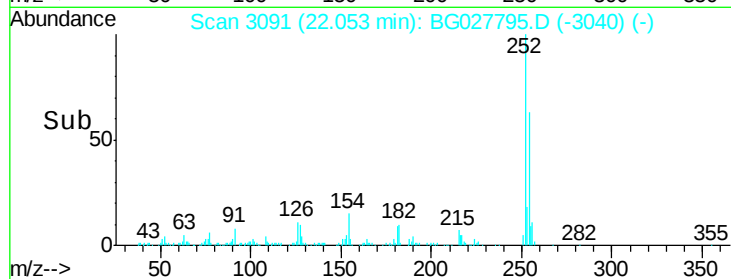
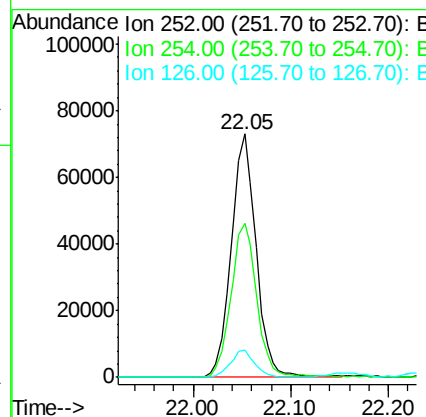
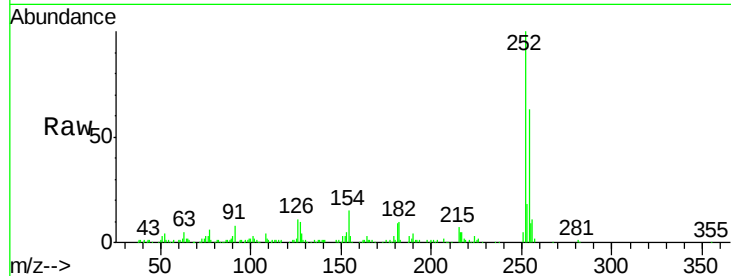
#81
 3,3'-Dichlorobenzidine
 Concen: 22.213 ng
 RT: 22.05 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleID :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	129317		
254	63.5	53.1	79.7	
126	11.4	7.0	10.4	

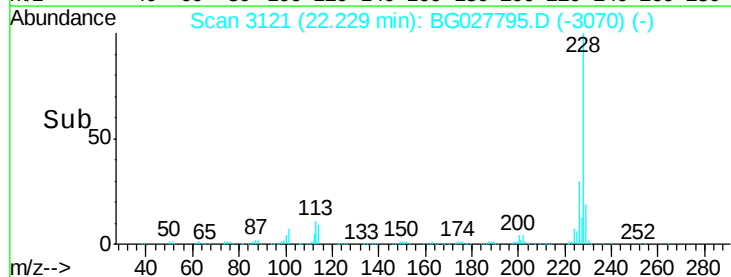
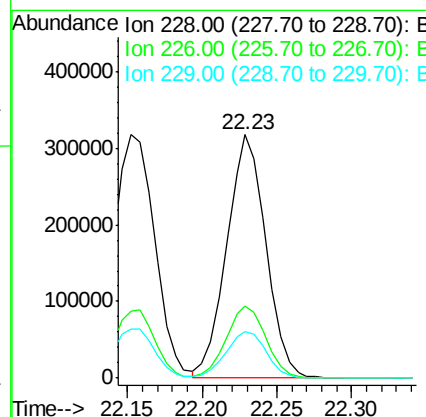
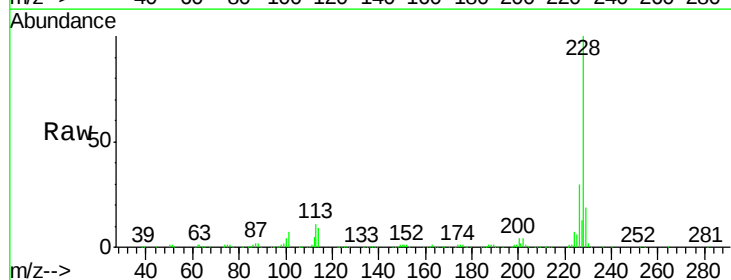
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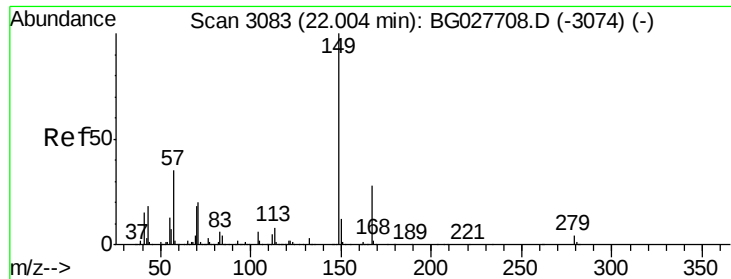
mohammad
 7/5/2017 11:31:49 AM



#82
 Chrysene
 Concen: 38.377 ng
 RT: 22.23 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	576993		
226	29.8	27.0	40.4	
229	19.3	17.8	26.6	





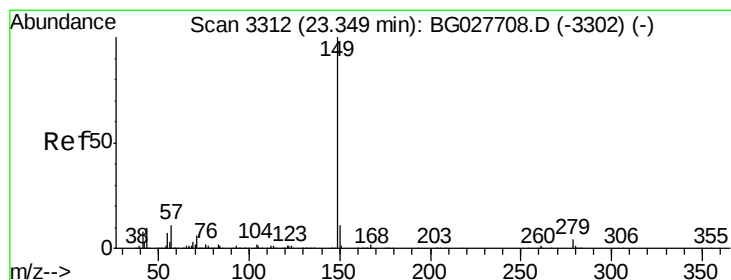
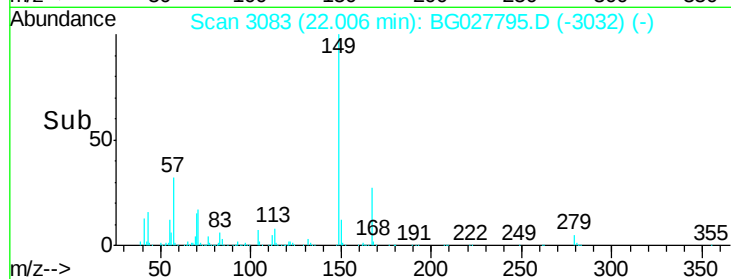
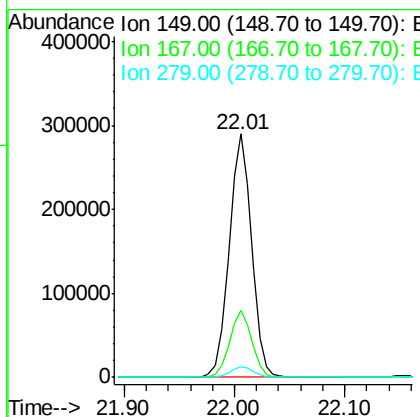
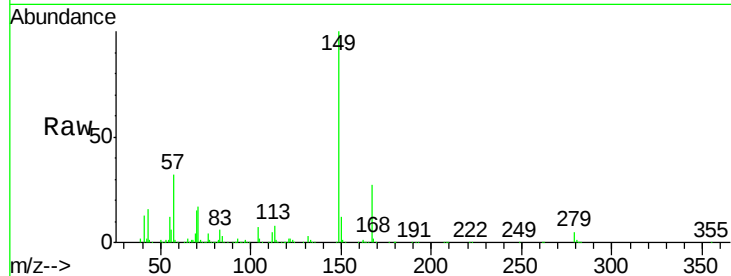
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.622 ng
 RT: 22.01 min Scan# 3083
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB100363BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	412282		
167	27.4	23.7	35.5	
279	4.5	4.6	6.8#	

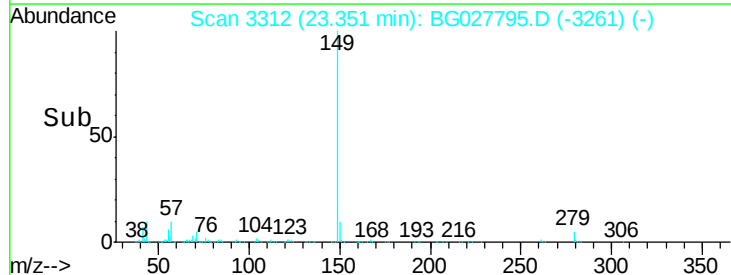
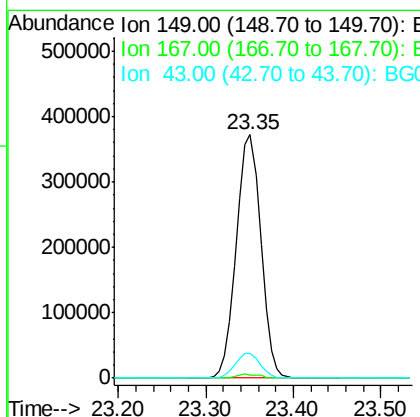
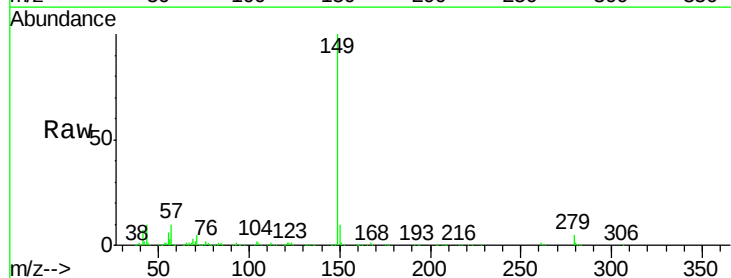
Manual Integrations
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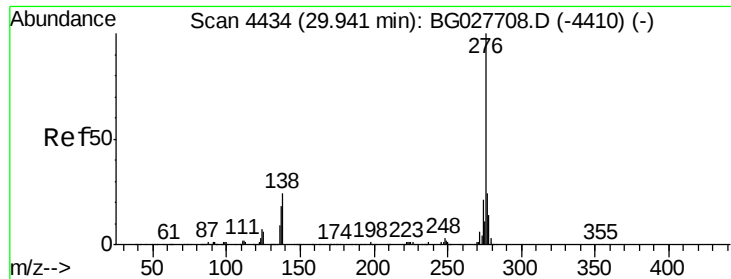
mohammad
 7/5/2017 11:31:49 AM



#84
 Di-n-octyl phthalate
 Concen: 38.974 ng
 RT: 23.35 min Scan# 3312
 Delta R.T. 0.00 min
 Lab File: BG027795.D
 Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	705598		
167	1.6	1.4	2.2	
43	10.4	11.8	17.6#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.117 ng

RT: 29.95 min Scan# 4435

Delta R.T. 0.01 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

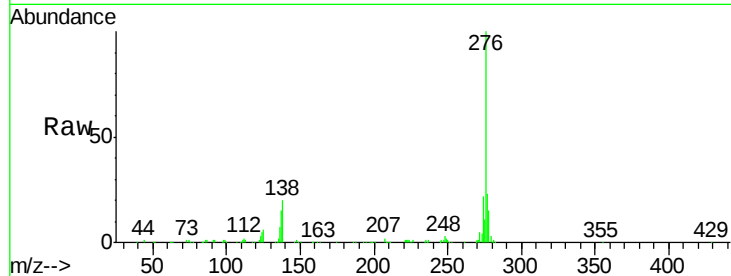
ClientSampleId :

PB100363BS

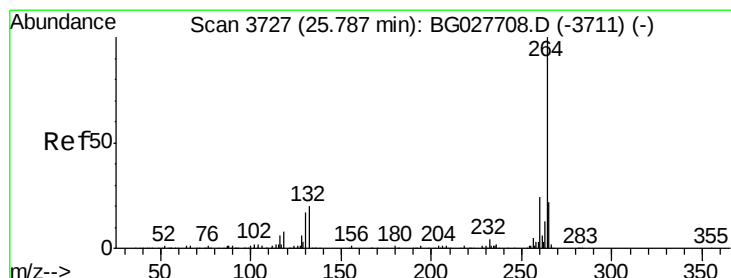
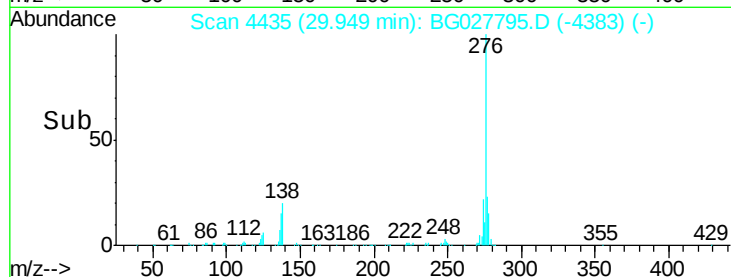
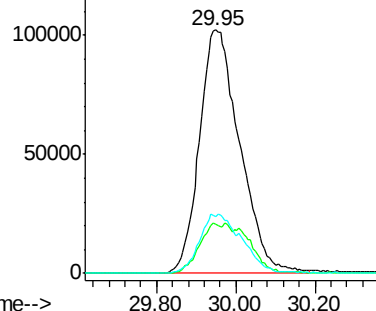
Tgt Ion:	276	Resp:	723720
Ion Ratio	Lower	Upper	
276	100		
138	10.7	4.7	7.1#
277	10.3	20.6	31.0#

Manual Integrations
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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



#86

Perylene-d12

Concen: 20.000 ng

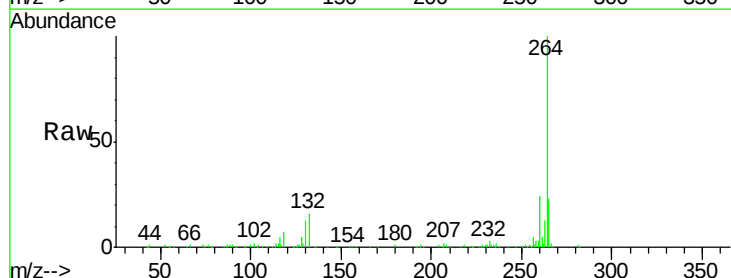
RT: 25.79 min Scan# 3727

Delta R.T. 0.00 min

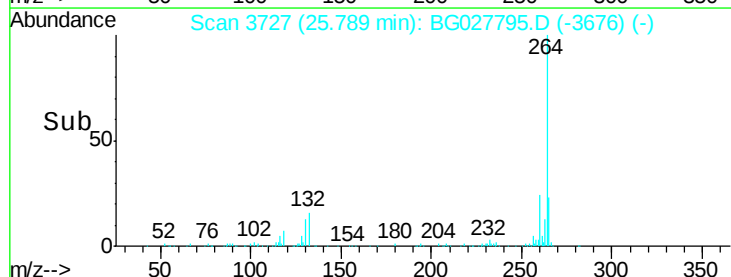
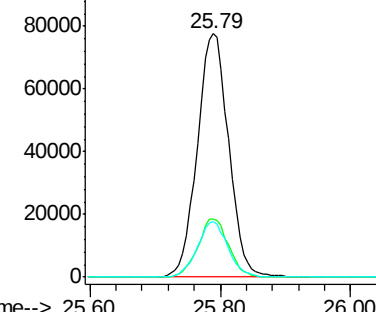
Lab File: BG027795.D

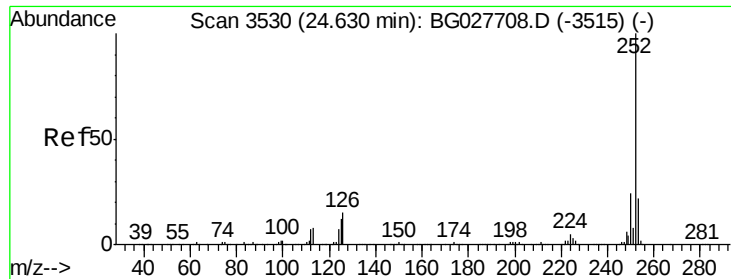
Acq: 1 Jul 2017 22:42

Tgt Ion:	264	Resp:	258409
Ion Ratio	Lower	Upper	
264	100		
260	23.7	21.8	32.8
265	23.0	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





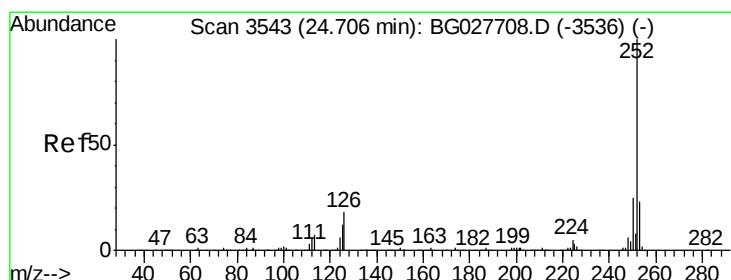
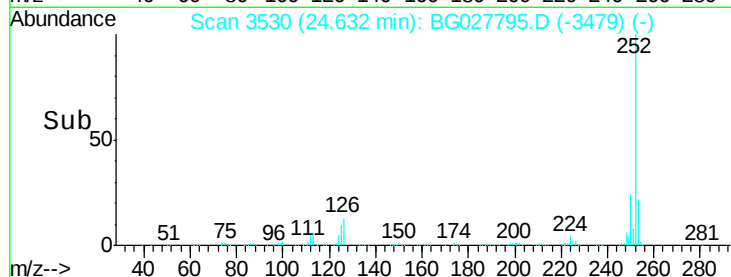
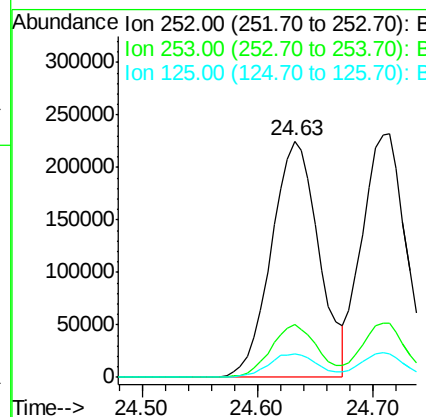
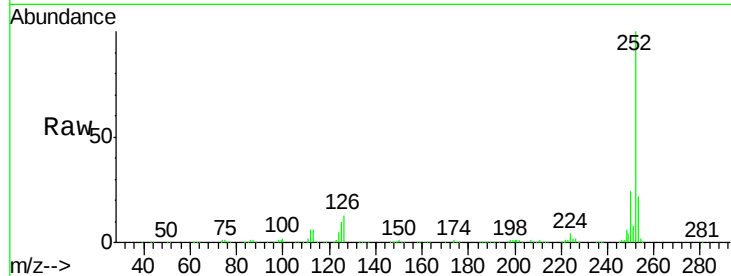
#87
Benzo(b)fluoranthene
Concen: 38.639 ng
RT: 24.63 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	9.9	5.3	7.9#

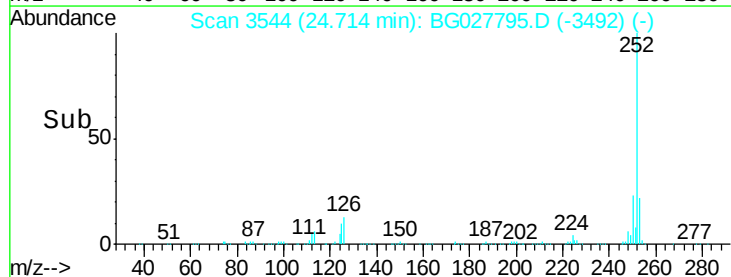
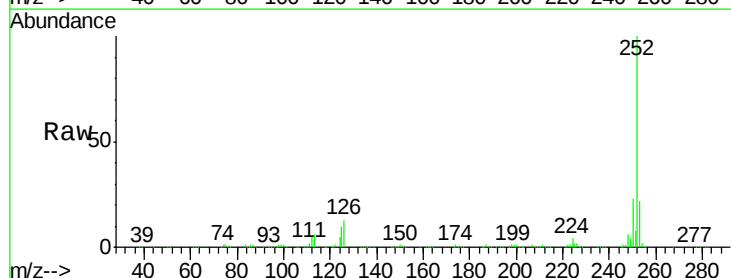
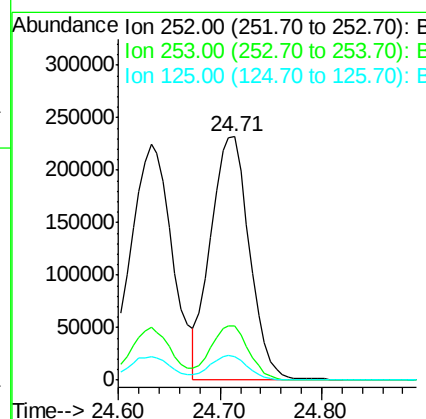
Manual Integrations
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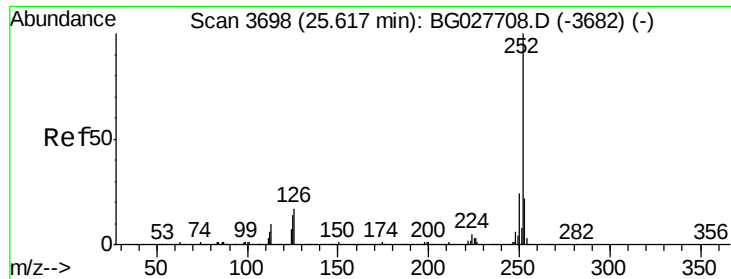
mohammad
7/5/2017 11:31:49 AM



#88
Benzo(k)fluoranthene
Concen: 37.256 ng
RT: 24.71 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.2
125	9.7	5.1	7.7#





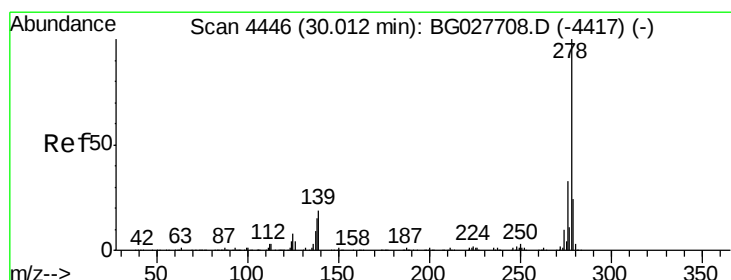
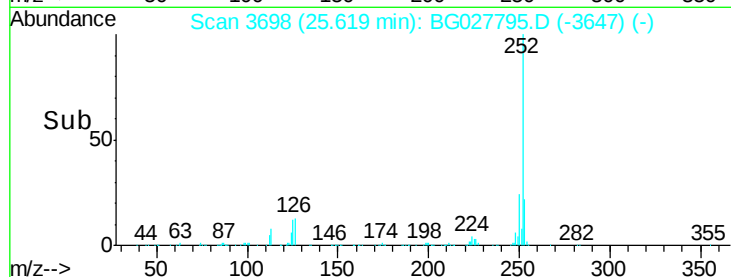
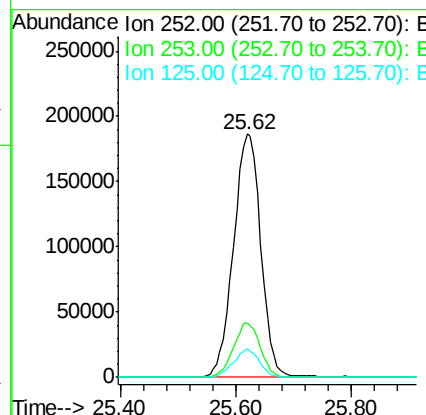
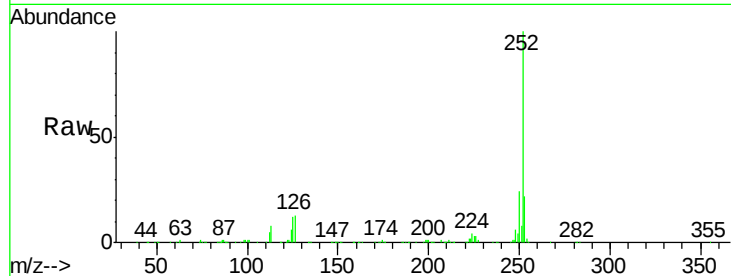
#89
Benzo(a)pyrene
Concen: 39.143 ng
RT: 25.62 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	11.6	5.4	8.0#

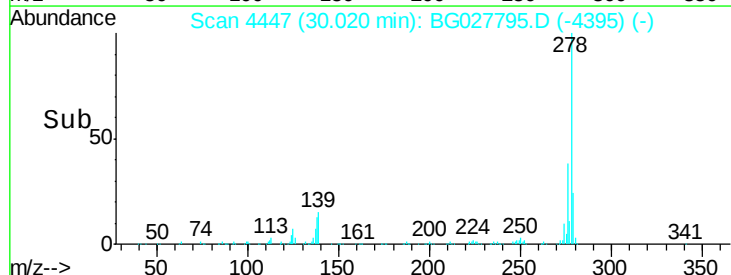
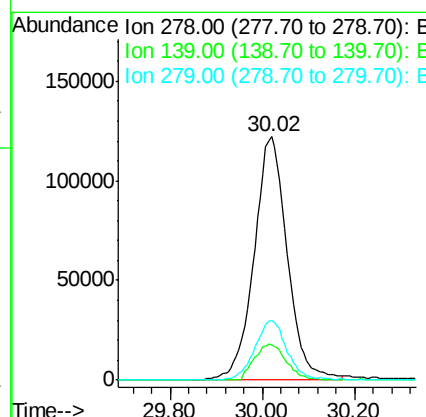
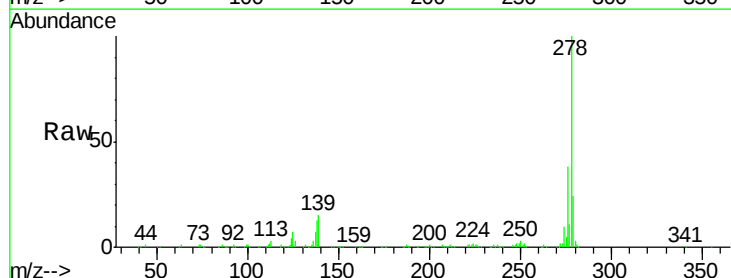
Manual Integrations
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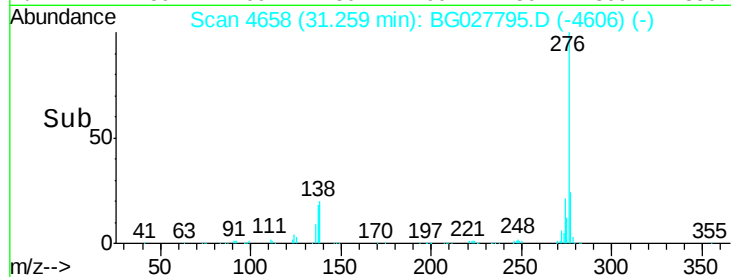
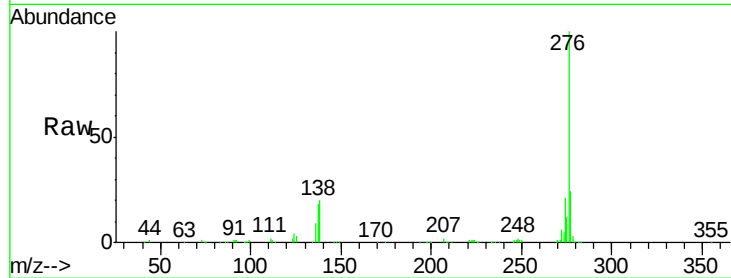
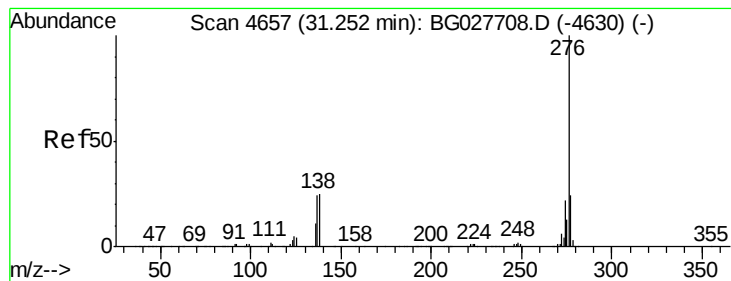
mohammad
7/5/2017 11:31:49 AM



#90
Dibenzo(a,h)anthracene
Concen: 38.577 ng
RT: 30.02 min Scan# 4447
Delta R.T. 0.01 min
Lab File: BG027795.D
Acq: 1 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	7.7	11.5#
279	24.4	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 38.696 ng

RT: 31.26 min Scan# 4658

Delta R.T. 0.01 min

Lab File: BG027795.D

Acq: 1 Jul 2017 22:42

Instrument :

BNA_G

ClientSampleId :

PB100363BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		588527		
277	23.9	18.6	27.8		
138	20.1	8.1	12.1#		

Manual Integrations
APPROVED

mohammad
7/5/2017 11:31:49 AM

