

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027211.D
 Acq On : 5 Jun 2017 14:00
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 6/6/2017 5:13:53 PM

Quant Time: Jun 05 14:37:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 14:26:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	51286	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	254081	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	163479	20.00	ng	0.00
63) Phenanthrene-d10	17.92	188	373382	20.00	ng	0.00
75) Chrysene-d12	22.31	240	426757	20.00	ng	0.00
86) Perylene-d12	26.03	264	397549	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	420735	63.91	ng	0.00
7) Phenol-d6	7.71	99	625405	64.46	ng	0.00
23) Nitrobenzene-d5	9.75	82	520094	72.14	ng	0.00
41) 2,4,6-Tribromophenol	16.65	330	293807	72.01	ng	0.00
44) 2-Fluorobiphenyl	13.79	172	1394157	59.34	ng	0.00
78) Terphenyl-d14	20.49	244	1907135	55.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.17	88	83536	60.36	ng	# 77
3) Pyridine	4.56	79	272396	70.62	ng	# 72
4) n-Nitrosodimethylamine	4.46	42	101529	65.61	ng	# 54
6) Aniline	7.90	93	393235	64.34	ng	# 92
8) 2-Chlorophenol	8.14	128	221814	63.59	ng	87
9) Benzaldehyde	7.72	77	206034	60.05	ng	81
10) Phenol	7.74	94	315652	63.26	ng	76
11) bis(2-Chloroethyl)ether	7.98	93	254357	61.86	ng	# 82
12) 1,3-Dichlorobenzene	8.47	146	243879	61.44	ng	# 91
13) 1,4-Dichlorobenzene	8.61	146	248023	60.69	ng	97
14) 1,2-Dichlorobenzene	8.93	146	242067	60.66	ng	94
15) Benzyl Alcohol	8.81	79	225929	66.73	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	9.09	45	355882	59.80	ng	90
17) 2-Methylphenol	8.99	107	224751	63.89	ng	# 86
18) Hexachloroethane	9.67	117	86471	63.91	ng	86
19) n-Nitroso-di-n-propylamine	9.38	70	218249	63.76	ng	# 86
20) 3+4-Methylphenols	9.32	107	317541	65.67	ng	87
22) Acetophenone	9.40	105	400675	62.38	ng	# 82
24) Nitrobenzene	9.79	77	293839	71.18	ng	# 86
25) Isophorone	10.32	82	598464	63.93	ng	# 95
26) 2-Nitrophenol	10.50	139	117234	81.30	ng	# 77
27) 2,4-Dimethylphenol	10.53	122	257745	64.32	ng	91
28) bis(2-Chloroethoxy)methane	10.78	93	375804	61.37	ng	99
29) 2,4-Dichlorophenol	11.03	162	239331	66.14	ng	97
30) 1,2,4-Trichlorobenzene	11.26	180	249063	61.00	ng	99
31) Naphthalene	11.45	128	835754	60.25	ng	100
32) Benzoic acid	10.67	122	176463	79.26	ng	# 80
33) 4-Chloroaniline	11.54	127	361896	63.30	ng	# 88
34) Hexachlorobutadiene	11.73	225	154209	61.56	ng	98
35) Caprolactam	12.34	113	87389m	71.04	ng	
36) 4-Chloro-3-methylphenol	12.62	107	294707	63.79	ng	88
37) 2-Methylnaphthalene	13.02	142	613778m	60.43	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	313033	62.63	ng	98
40) Hexachlorocyclopentadiene	13.35	237	169681	69.33	ng	97

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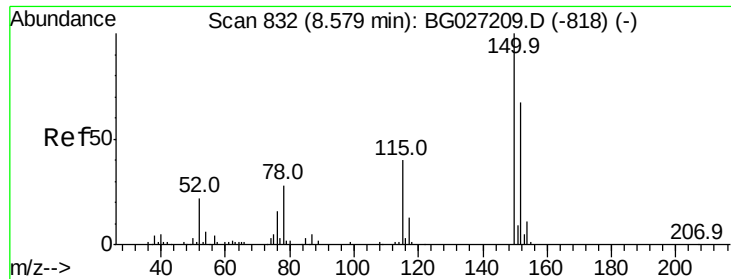
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.60	196	200388	67.32	nq	97
43) 2,4,5-Trichlorophenol	13.67	196	220113	65.52	nq	94
45) 1,1'-Biphenyl	14.00	154	805866	60.62	nq	99
46) 2-Chloronaphthalene	14.05	162	611805	61.83	nq	98
47) 2-Nitroaniline	14.24	65	179601	84.35	nq	# 76
48) Acenaphthylene	14.89	152	1038371	61.79	nq	99
49) Dimethylphthalate	14.60	163	799573	61.89	nq	98
50) 2,6-Dinitrotoluene	14.72	165	165779	82.36	nq	# 78
51) Acenaphthene	15.23	154	678472	62.27	nq	98
52) 3-Nitroaniline	15.06	138	174379	82.70	nq	85
53) 2,4-Dinitrophenol	15.26	184	70127	86.26	nq	89
54) Dibenzofuran	15.56	168	928599	60.12	nq	92
55) 4-Nitrophenol	15.33	139	148207	76.57	nq	# 55
56) 2,4-Dinitrotoluene	15.51	165	214339	87.05	nq	# 86
57) Fluorene	16.21	166	826524	60.19	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	204102	68.87	nq	98
59) Diethylphthalate	15.96	149	799984	62.01	nq	99
60) 4-Chlorophenyl-phenylether	16.19	204	420693	61.34	nq	92
61) 4-Nitroaniline	16.23	138	179498	83.95	nq	# 65
62) Azobenzene	16.48	77	738470	61.78	nq	89
64) 4,6-Dinitro-2-methylphenol	16.27	198	110020	83.18	nq	93
65) n-Nitrosodiphenylamine	16.40	169	714017	61.49	nq	99
66) 4-Bromophenyl-phenylether	17.09	248	275672	63.67	nq	97
67) Hexachlorobenzene	17.21	284	292784	62.61	nq	# 89
68) Atrazine	17.35	200	256535	68.18	nq	97
69) Pentachlorophenol	17.55	266	182641	74.60	nq	99
70) Phenanthrene	17.96	178	1247553	59.05	nq	97
71) Anthracene	18.05	178	1271811	60.54	nq	99
72) Carbazole	18.31	167	1223232	62.21	nq	97
73) Di-n-butylphthalate	18.85	149	1264361	68.26	nq	# 94
74) Fluoranthene	19.95	202	1390564	62.66	nq	95
76) Benzidine	20.12	184	798280	68.63	nq	99
77) Pyrene	20.31	202	1447191	54.29	nq	100
79) Butylbenzylphthalate	21.20	149	573003	64.13	nq	91
80) Benzo(a)anthracene	22.29	228	1465752	60.20	nq	98
81) 3,3'-Dichlorobenzidine	22.18	252	595578	64.04	nq	98
82) Chrysene	22.37	228	1409706	60.22	nq	99
83) Bis(2-ethylhexyl)phthalate	22.17	149	838909	61.23	nq	99
84) Di-n-octyl phthalate	23.56	149	1405079	62.23	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.32	276	1741799	62.37	nq	# 92
87) Benzo(b)fluoranthene	24.84	252	1539488	63.14	nq	# 97
88) Benzo(k)fluoranthene	24.92	252	1464193	61.05	nq	# 93
89) Benzo(a)pyrene	25.86	252	1440795	62.92	nq	# 96
90) Dibenzo(a,h)anthracene	30.40	278	1524626	64.05	nq	# 94
91) Benzo(g,h,i)perylene	31.67	276	1457517	62.93	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.58 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

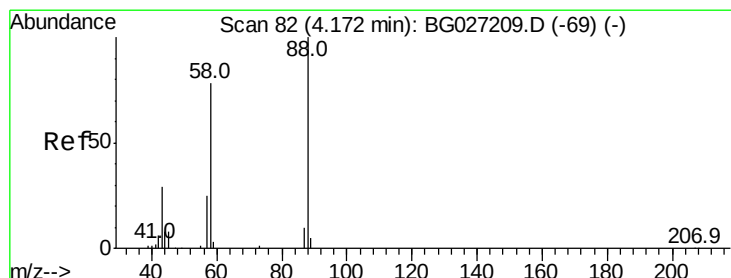
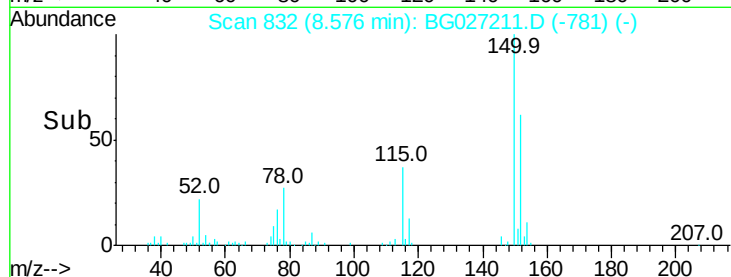
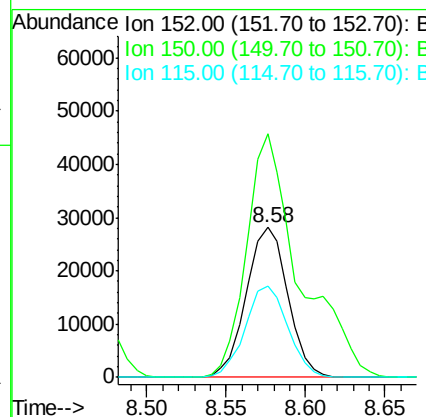
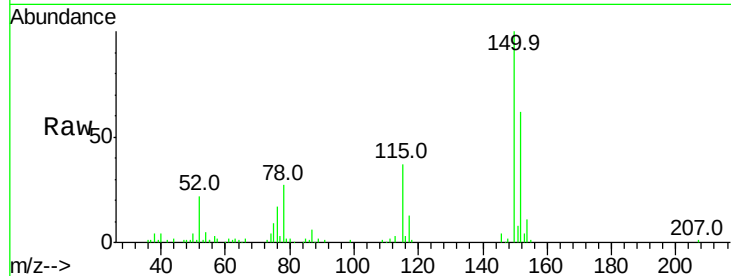
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	114.0	171.0
115	60.6	48.1	72.1

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#2

1,4-Dioxane

Concen: 60.36 ng

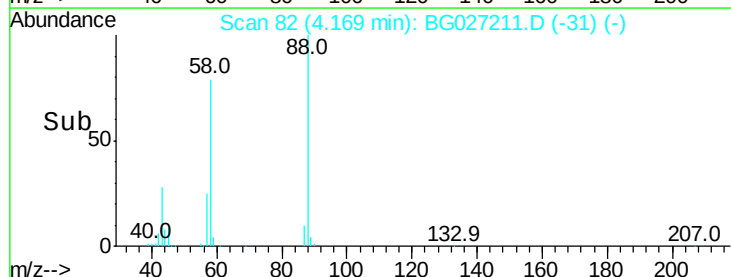
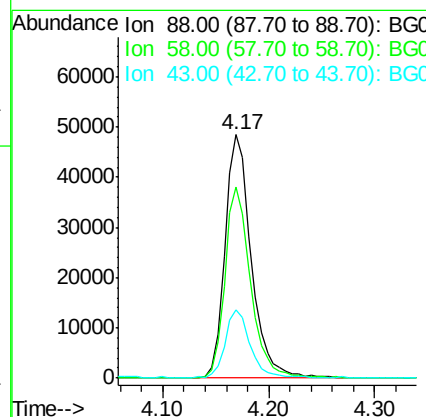
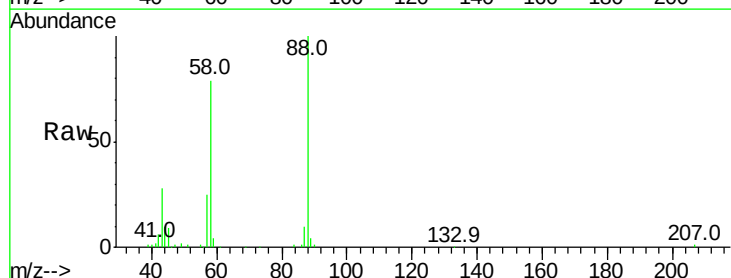
RT: 4.17 min Scan# 82

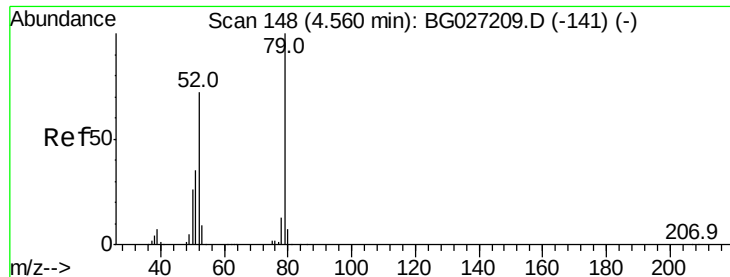
Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	79.4	119.2#
43	27.2	33.8	50.6#





#3

Pvridine

Concen: 70.62 ng

RT: 4.56 min Scan# 148

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 272396

Ion Ratio Lower Upper

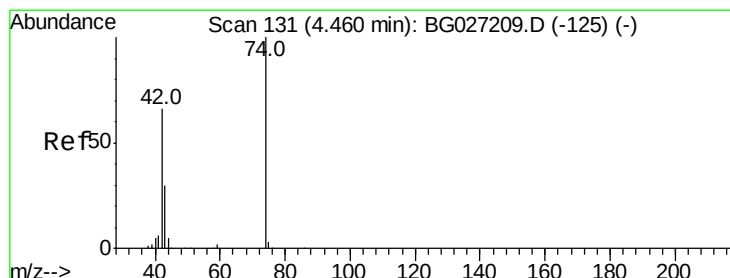
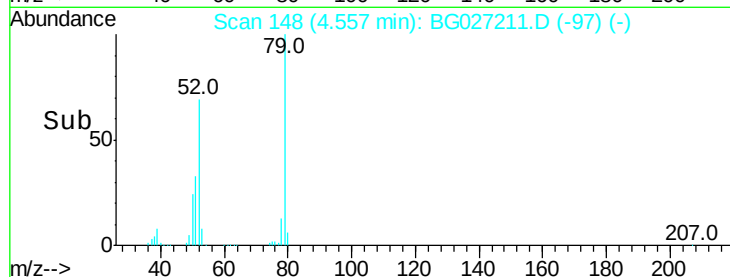
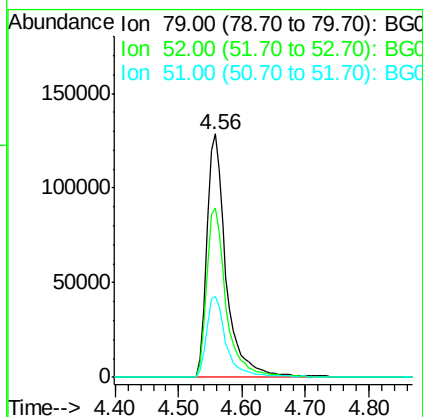
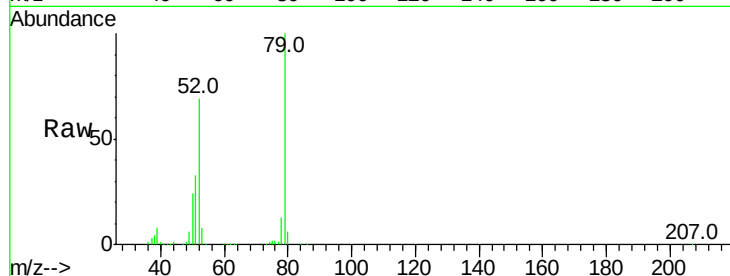
79 100

52 69.3 77.8 116.6#

51 33.4 43.2 64.8#

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#4

n-Nitrosodimethylamine

Concen: 65.61 ng

RT: 4.46 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

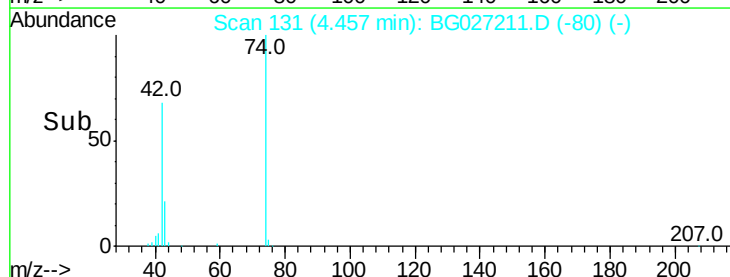
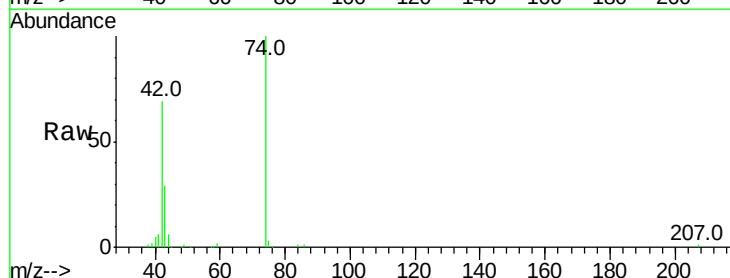
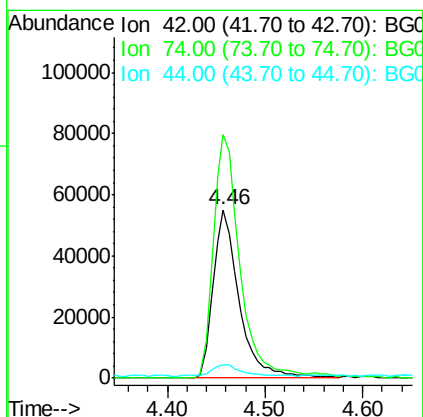
Tgt Ion: 42 Resp: 101529

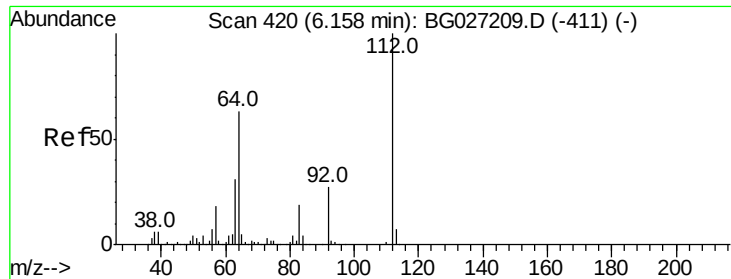
Ion Ratio Lower Upper

42 100

74 144.3 76.7 115.1#

44 8.1 6.1 9.1





#5

2-Fluorophenol

Concen: 63.91 ng

RT: 6.16 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

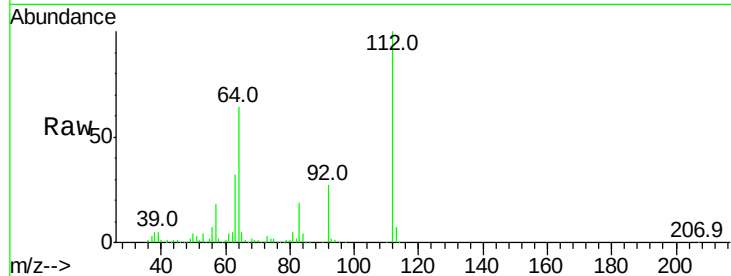
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
112	100	420735		
64	64.1	61.8	92.6	
63	32.3	37.2	55.8	

Manual Integrations
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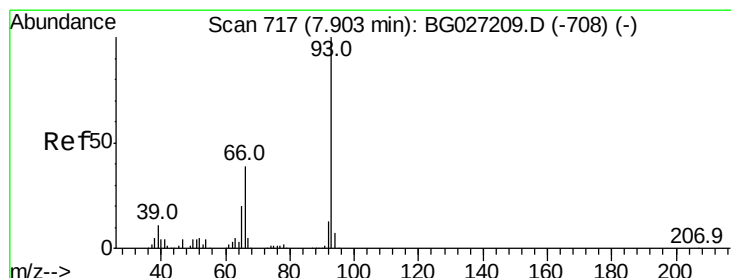
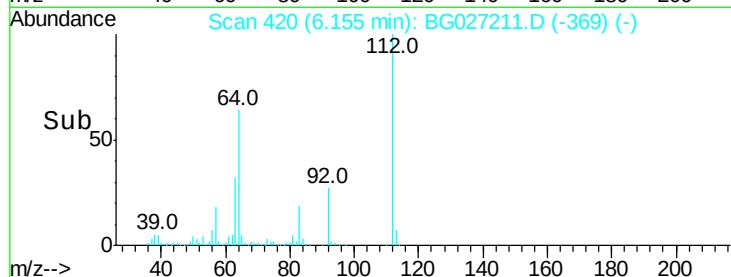
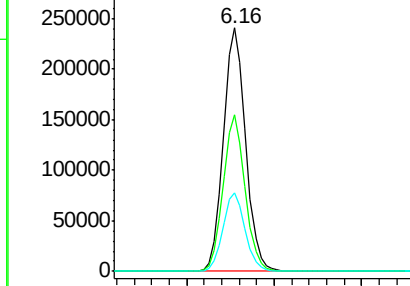
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 64.34 ng

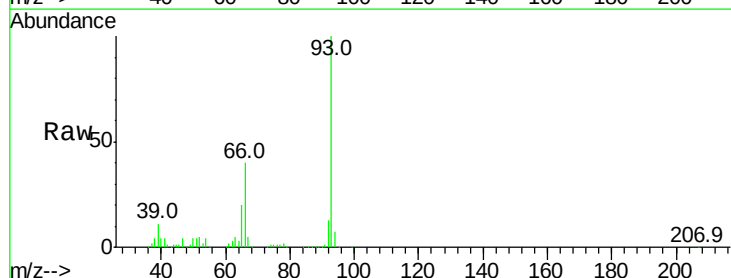
RT: 7.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

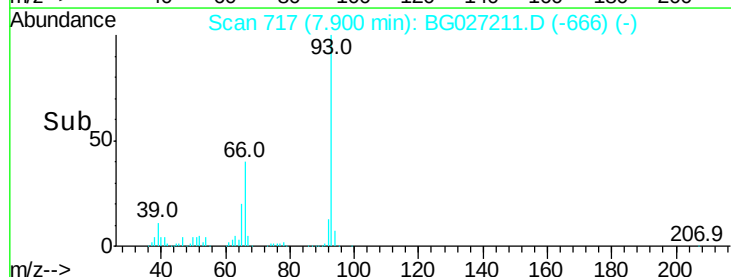
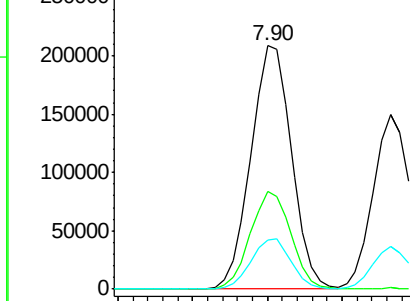
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	393235		
66	40.4	35.4	53.2	
65	20.1	21.2	31.8	

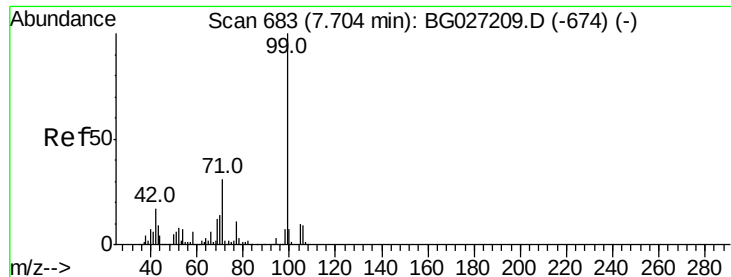


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 64.46 ng

RT: 7.71 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 625405

Ion Ratio Lower Upper

99 100

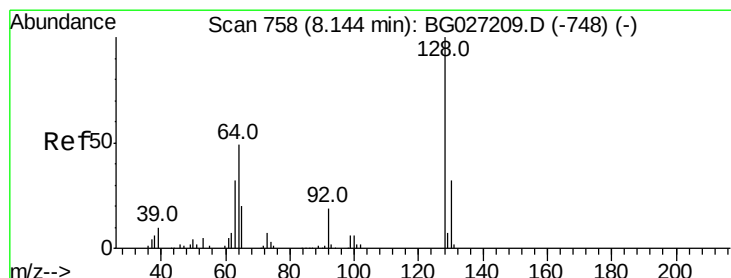
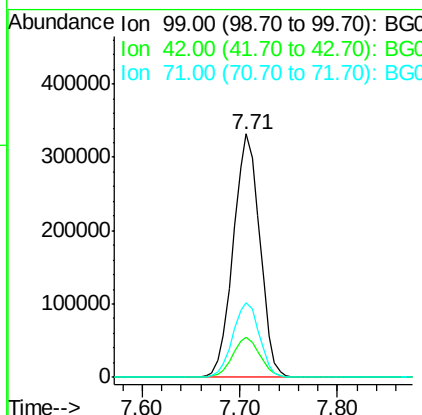
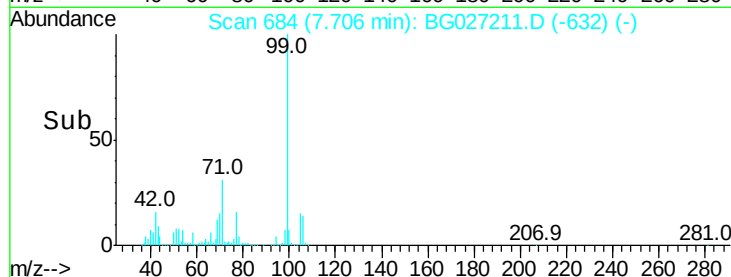
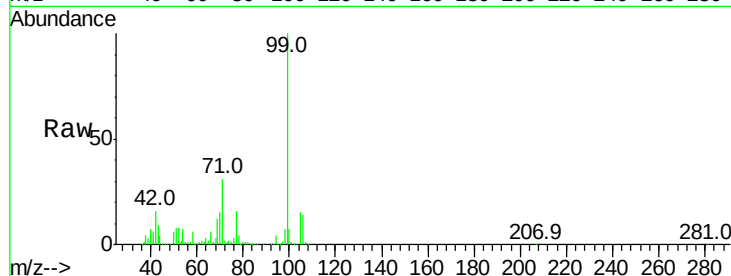
42 16.4 20.5 30.7#

71 30.8 37.6 56.4#

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#8

2-Chlorophenol

Concen: 63.59 ng

RT: 8.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

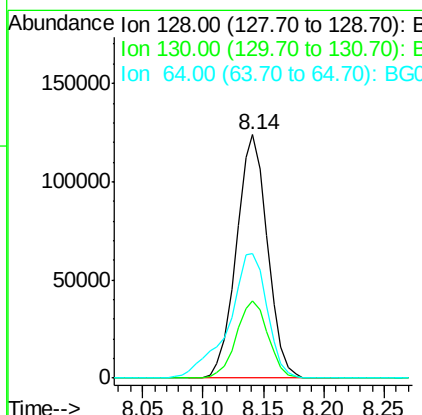
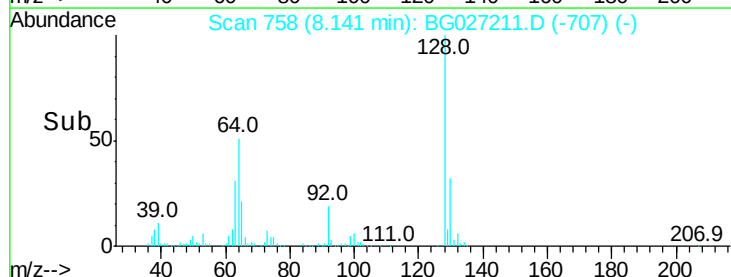
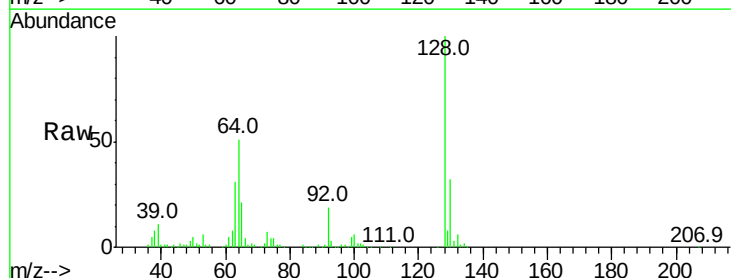
Tgt Ion: 128 Resp: 221814

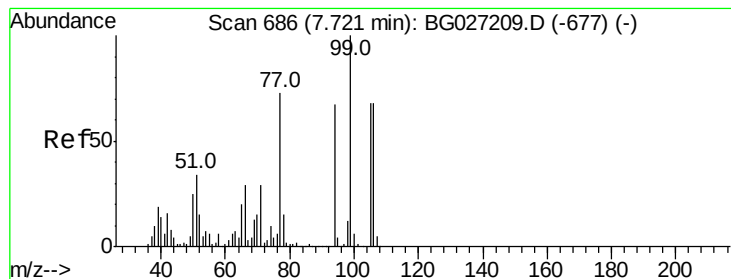
Ion Ratio Lower Upper

128 100

130 31.7 11.4 51.4

64 51.1 46.6 86.6





#9

Benzaldehyde

Concen: 60.05 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

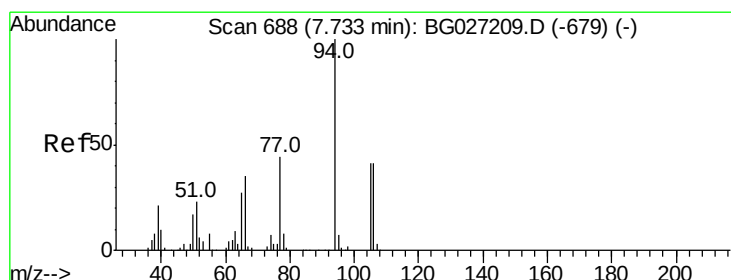
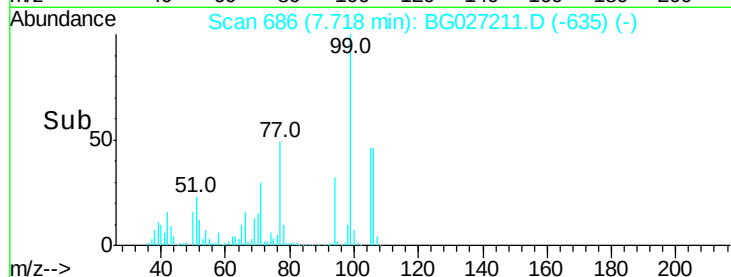
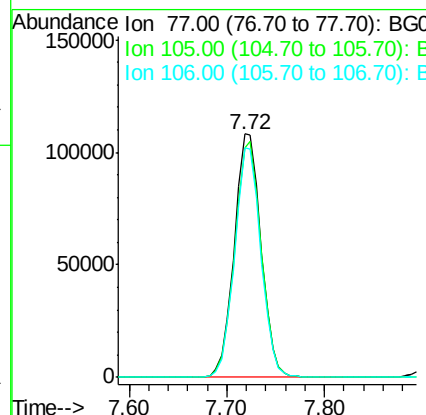
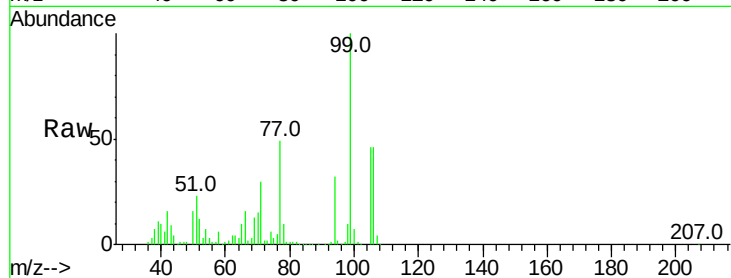
ClientSampleId :

SSTDICC060

Tot Ion:	77	Resp:	206034
Ion	Ratio	Lower	Upper
77	100		
105	94.5	60.9	100.9
106	94.2	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 63.26 ng

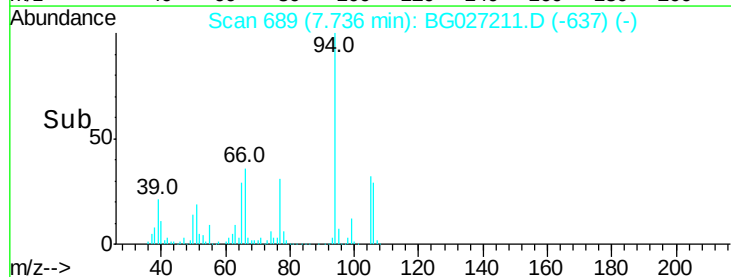
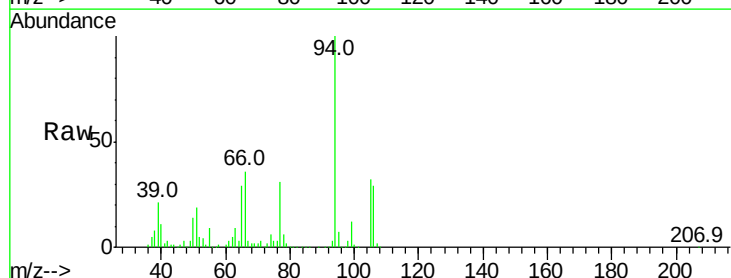
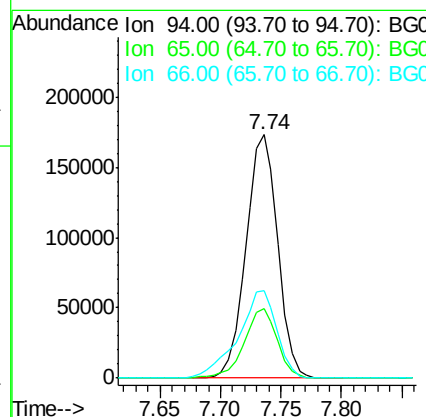
RT: 7.74 min Scan# 689

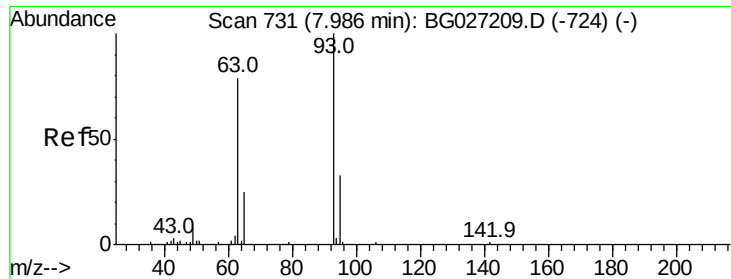
Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion:	94	Resp:	315652
Ion	Ratio	Lower	Upper
94	100		
65	28.7	20.6	60.6
66	35.9	35.5	75.5





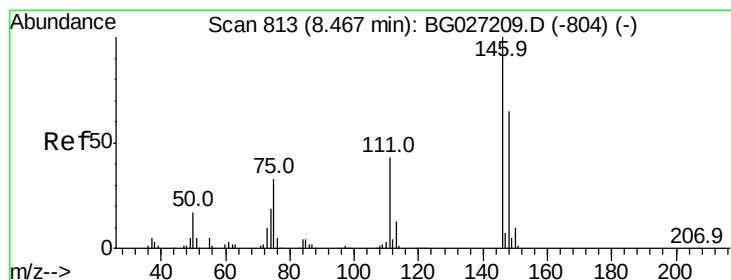
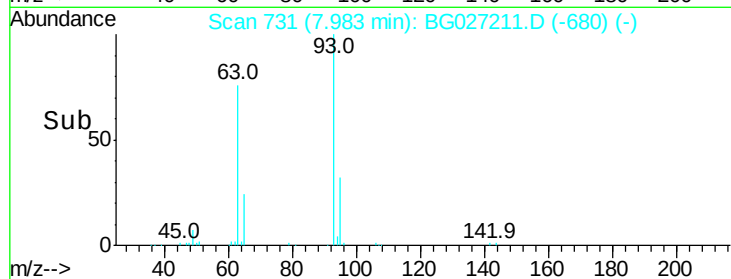
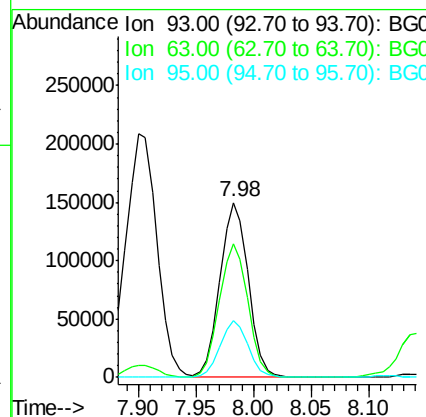
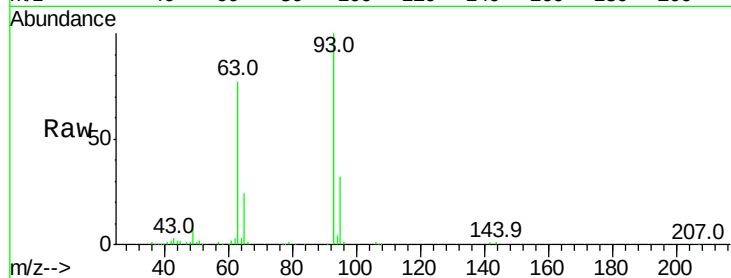
#11
bis(2-Chloroethyl)ether
Concen: 61.86 ng
RT: 7.98 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	78.5	118.5#
95	32.3	9.8	49.8

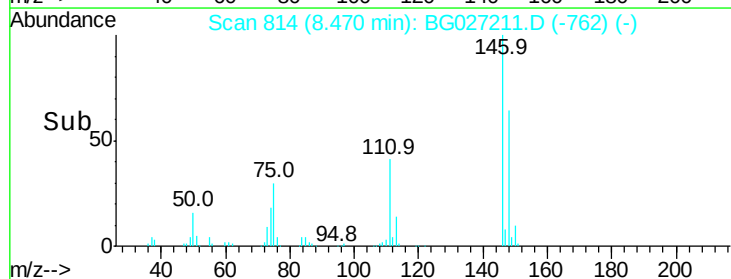
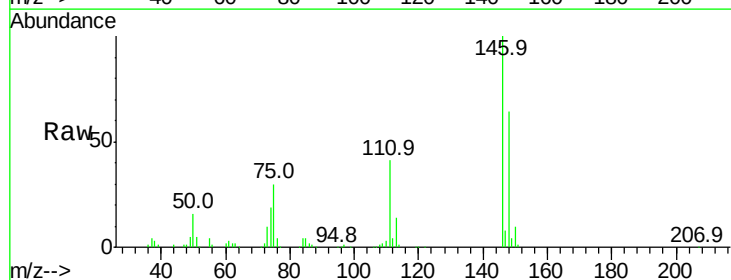
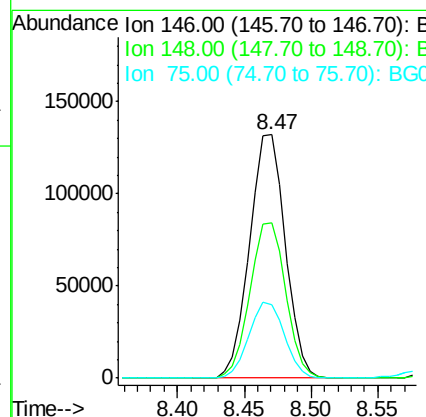
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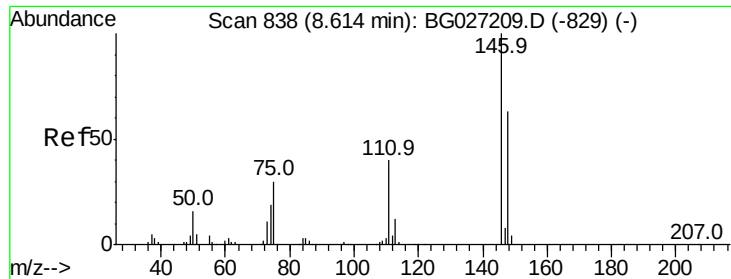
mohammad
6/6/2017 5:13:53 PM



#12
1,3-Dichlorobenzene
Concen: 61.44 ng
RT: 8.47 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.2	73.8
75	30.4	33.4	50.2#





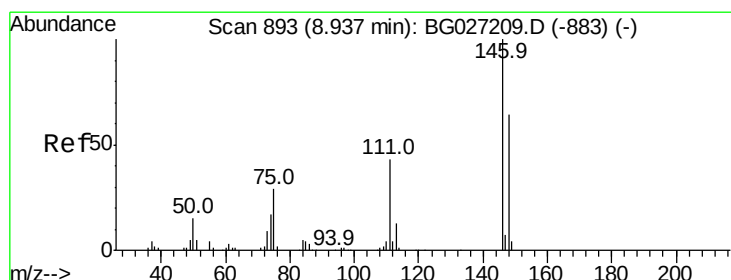
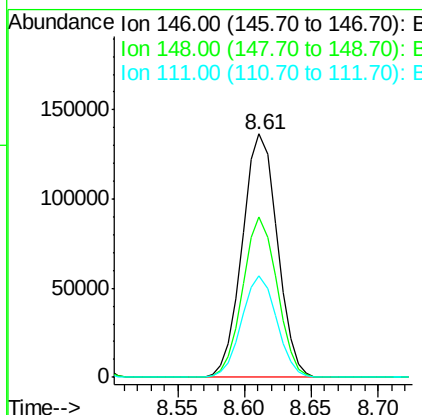
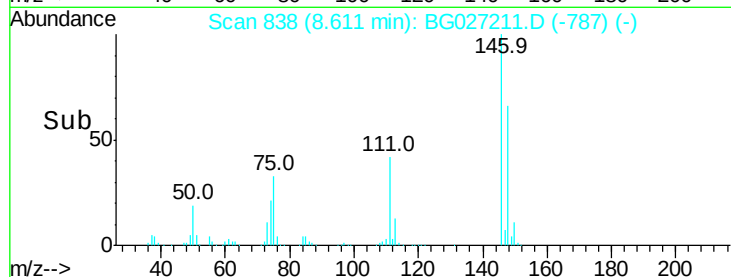
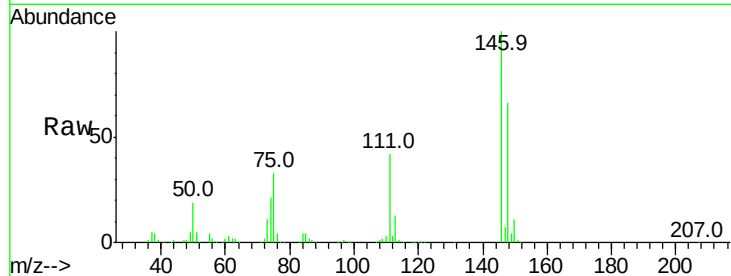
#13
1,4-Dichlorobenzene
Concen: 60.69 ng
RT: 8.61 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	41.9	37.0	55.6

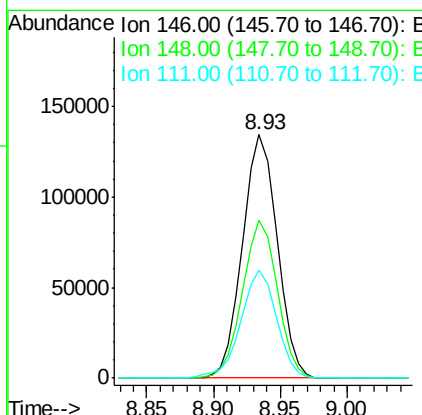
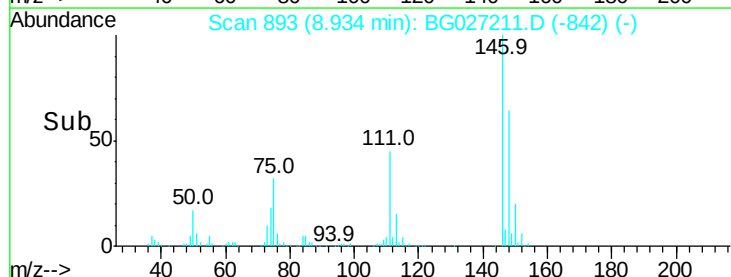
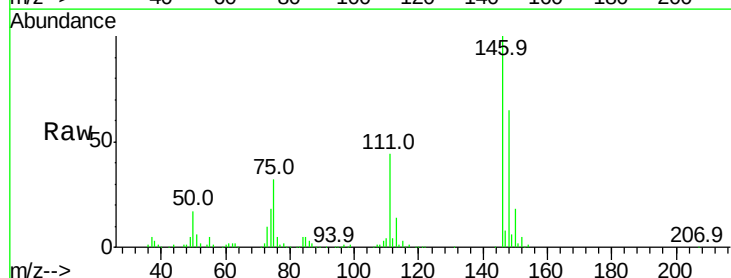
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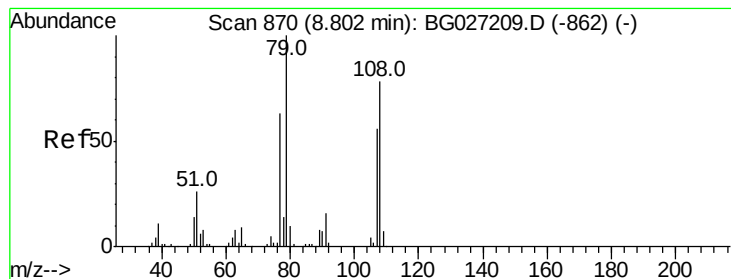
mohammad
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#14
1,2-Dichlorobenzene
Concen: 60.66 ng
RT: 8.93 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	54.6	81.8
111	44.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 66.73 ng

RT: 8.81 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 225929

Ion Ratio Lower Upper

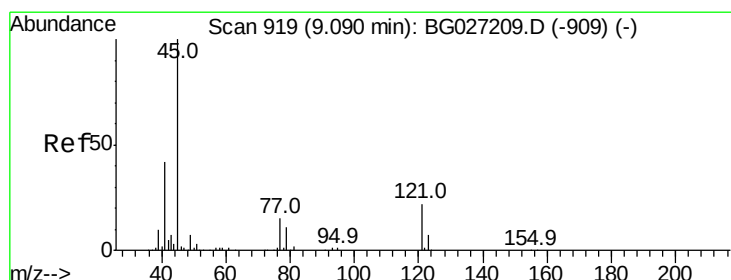
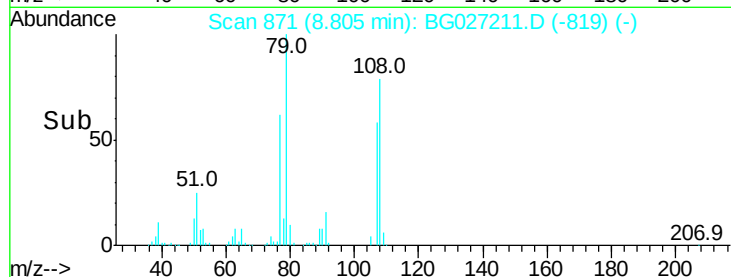
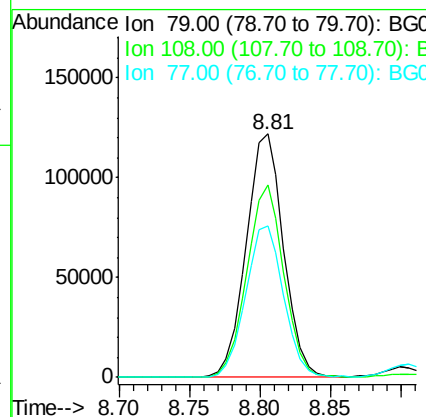
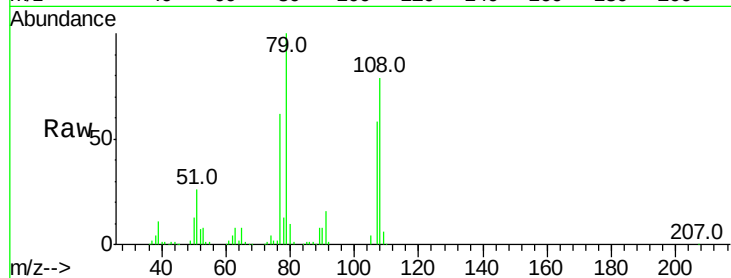
79 100

108 79.3 45.5 68.3#

77 62.2 54.3 81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 59.80 ng

RT: 9.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

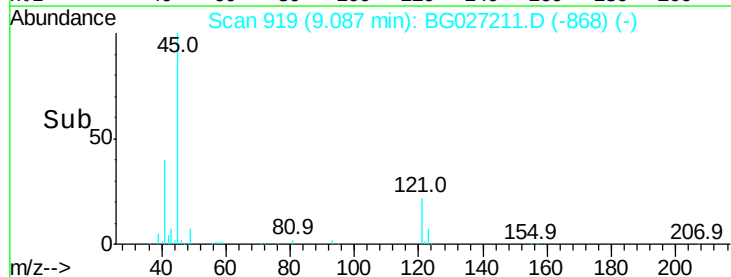
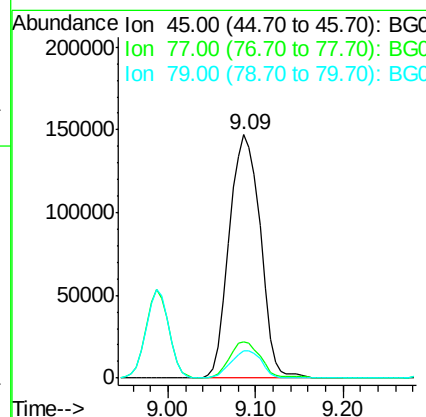
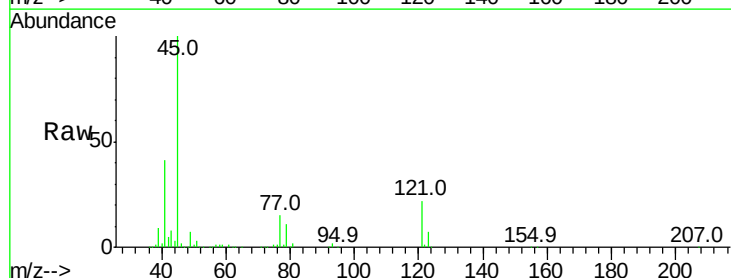
Tgt Ion: 45 Resp: 355882

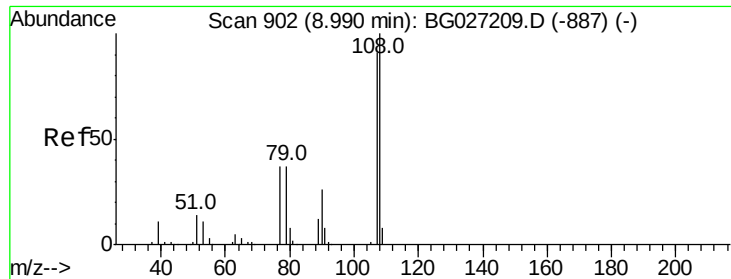
Ion Ratio Lower Upper

45 100

77 15.0 0.0 30.6

79 11.2 0.0 28.5





#17

2-Methylphenol

Concen: 63.89 ng

RT: 8.99 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 224751
Ion Ratio Lower Upper

107 100

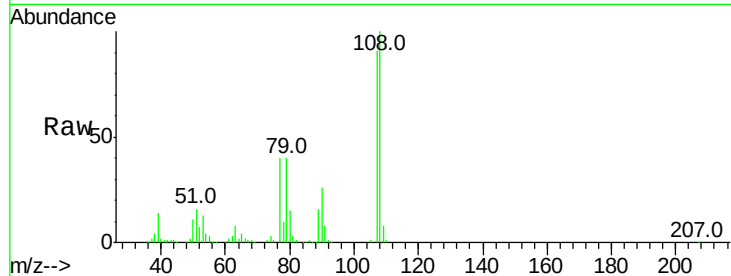
108 109.9 85.6 128.4

77 44.3 51.4 77.2#

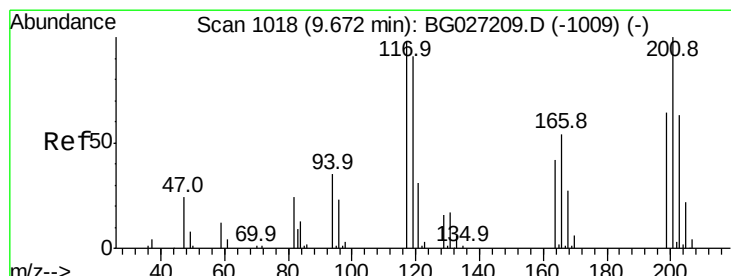
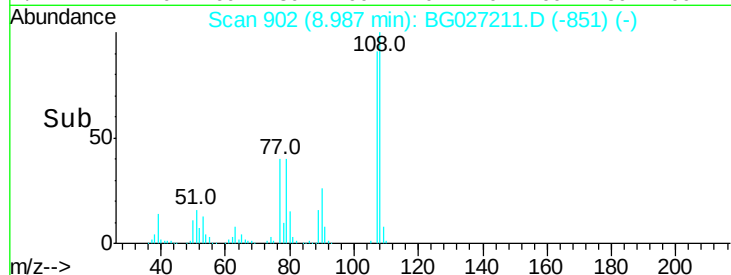
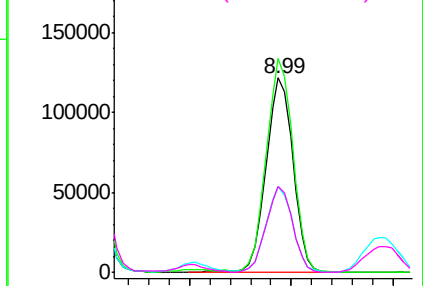
79 44.2 49.2 73.8#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 63.91 ng

RT: 9.67 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG027211.D

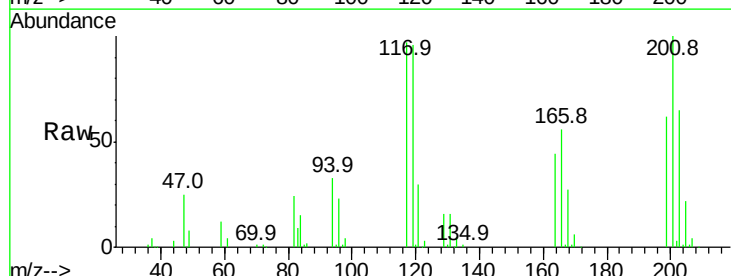
Acq: 5 Jun 2017 14:00

Tgt Ion:117 Resp: 86471
Ion Ratio Lower Upper

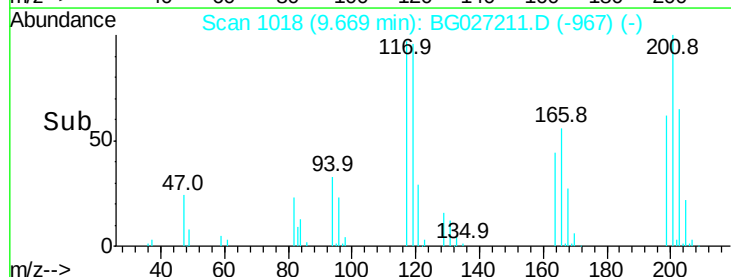
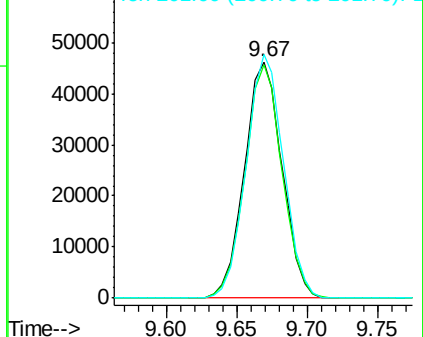
117 100

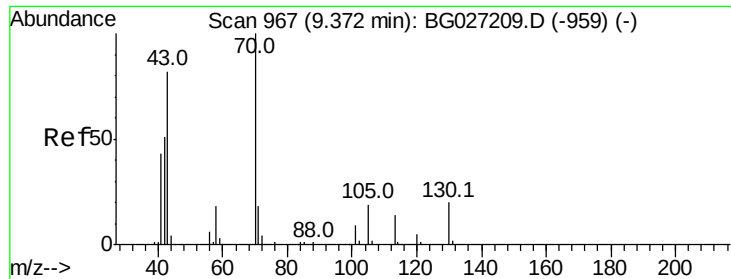
119 98.8 69.8 104.6

201 103.2 95.4 143.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





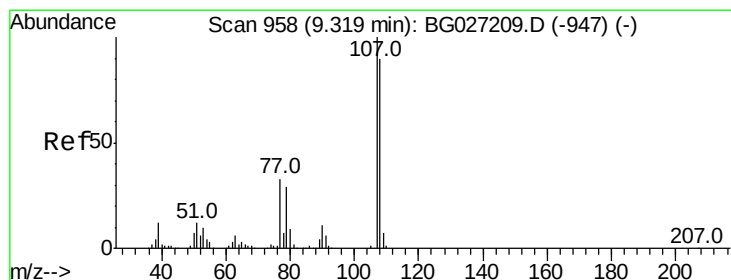
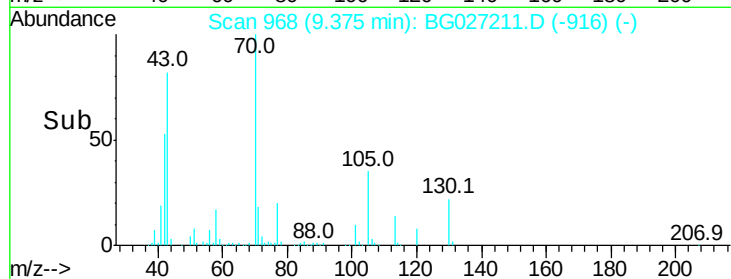
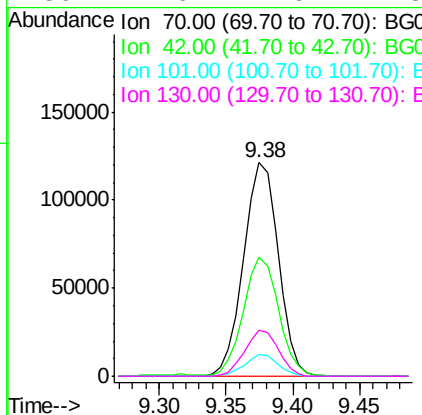
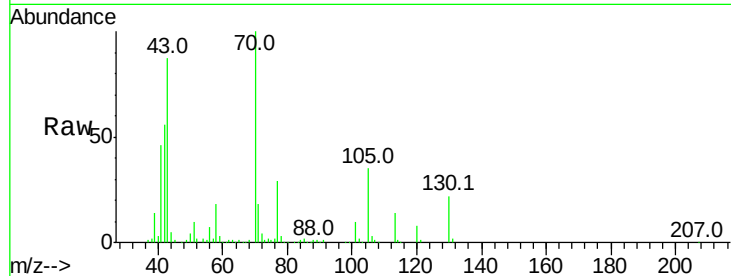
#19
n-Nitroso-di-n-propylamine
Concen: 63.76 ng
RT: 9.38 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	56.1	84.1#	
101	10.2	7.5	11.3	
130	21.6	14.6	21.8	

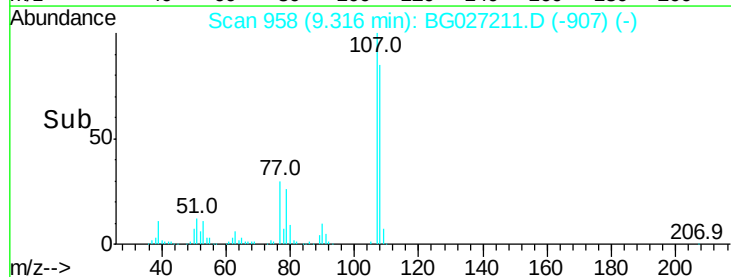
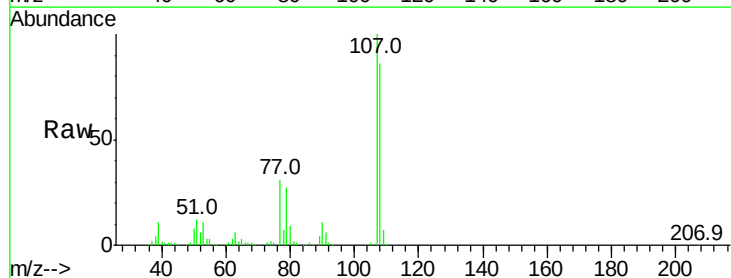
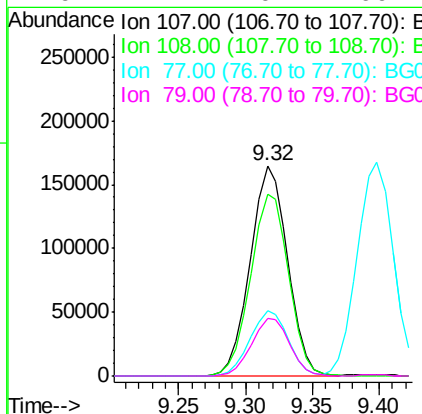
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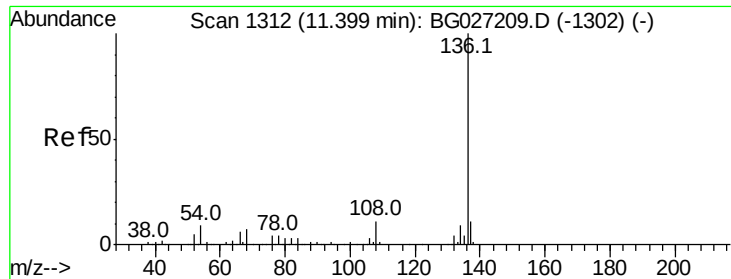
mohammad
6/6/2017 5:13:53 PM



#20
3+4-Methylphenols
Concen: 65.67 ng
RT: 9.32 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	70.8	110.8	
77	30.8	25.8	65.8	
79	27.2	20.1	60.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.40 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

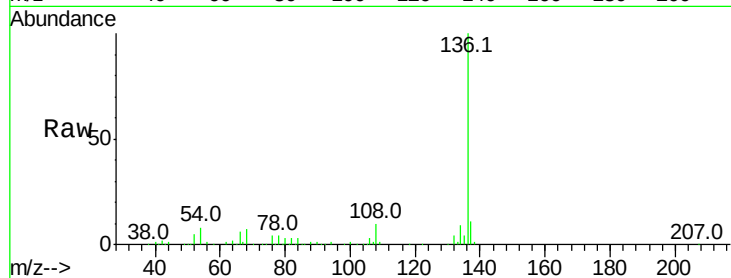
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	254081		
137	10.9		8.9	13.3
54	8.4		9.3	13.9#
68	7.2		5.1	7.7

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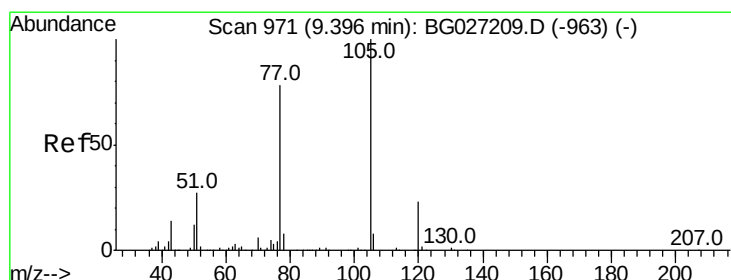
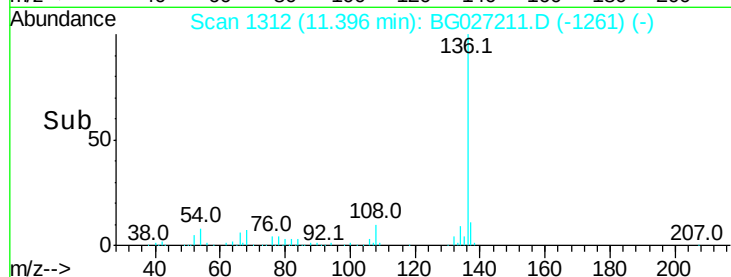
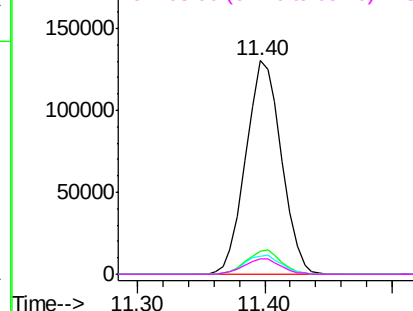


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 62.38 ng

RT: 9.40 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

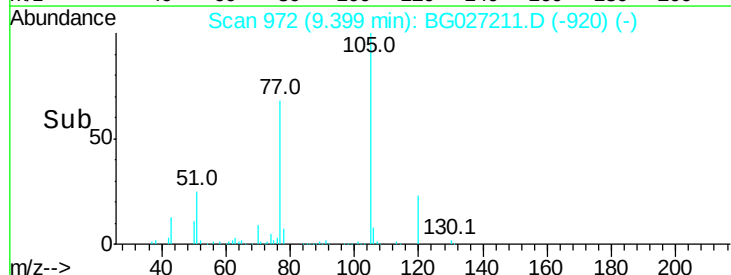
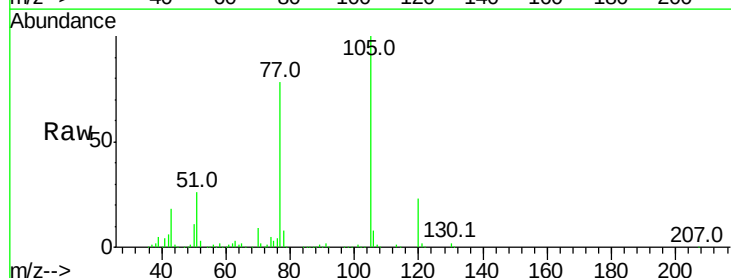
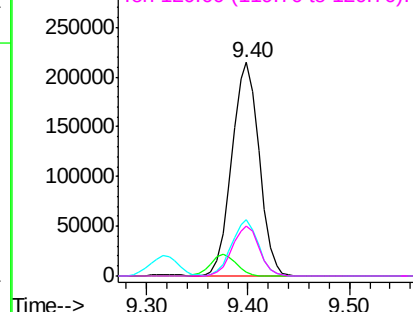
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	400675		
71	1.6		0.9	1.3#
51	26.2		34.0	51.0#
120	23.2		17.3	25.9

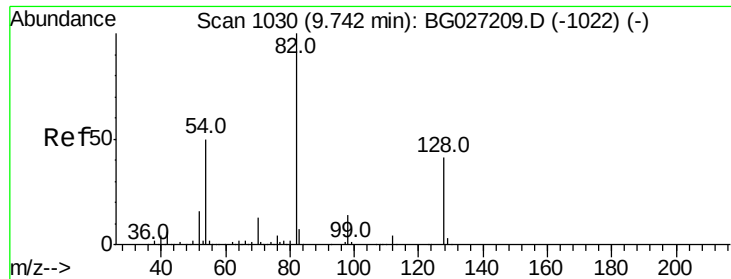
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





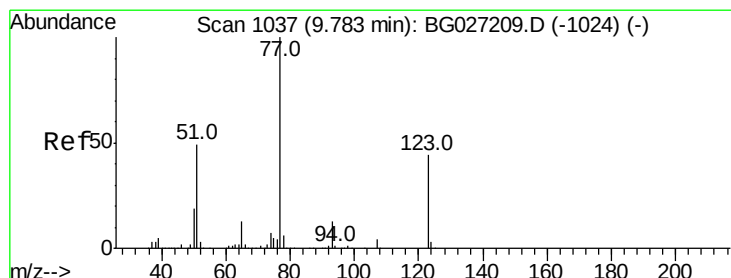
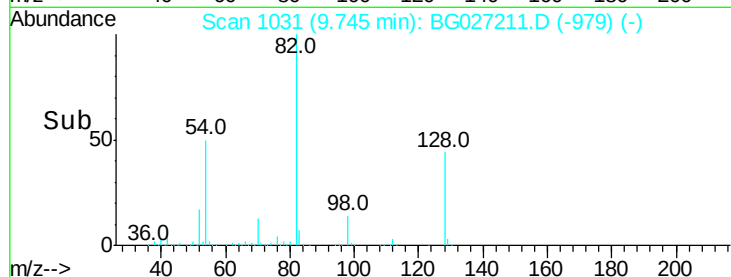
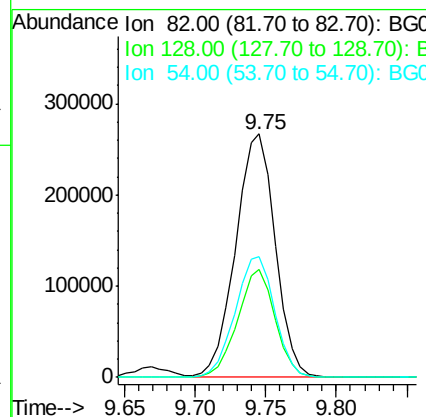
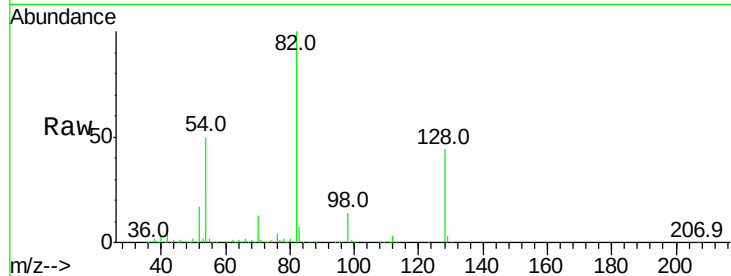
#23
Nitrobenzene-d5
Concen: 72.14 ng
RT: 9.75 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	26.4	39.6#
54	49.6	49.4	74.2

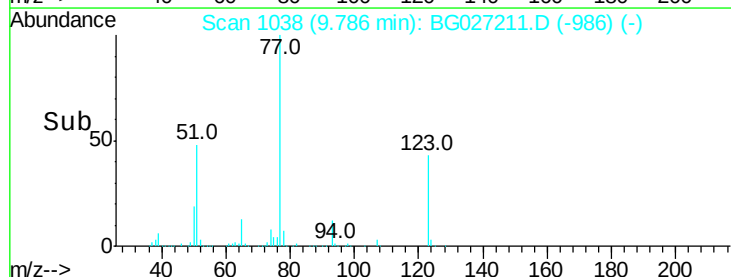
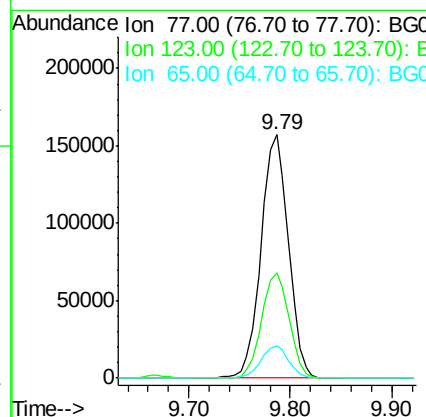
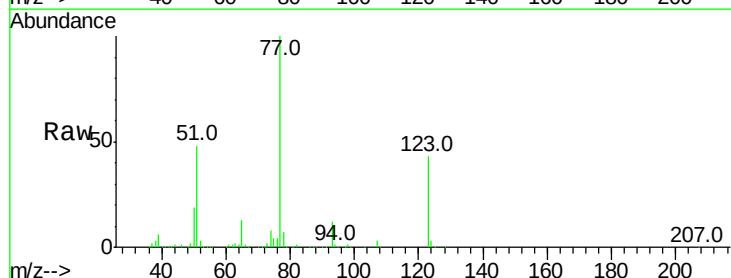
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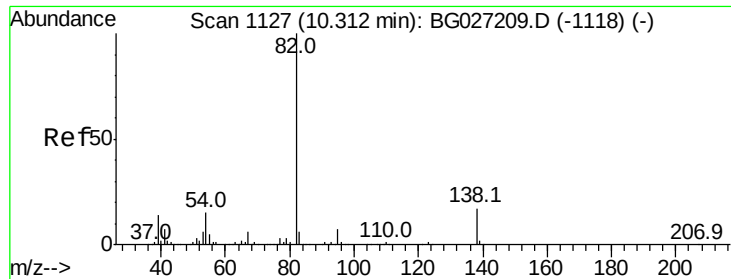
mohammad
6/6/2017 5:13:53 PM



#24
Nitrobenzene
Concen: 71.18 ng
RT: 9.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	26.1	39.1#
65	13.3	12.4	18.6





#25

Isophorone

Concen: 63.93 ng

RT: 10.32 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

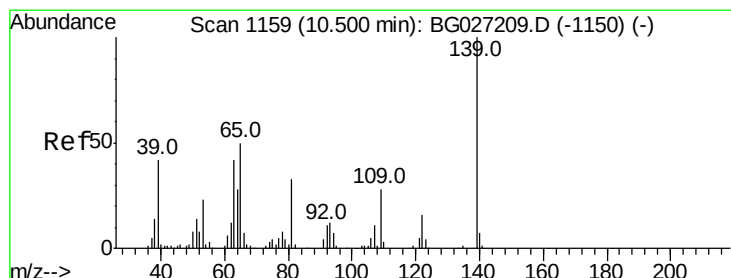
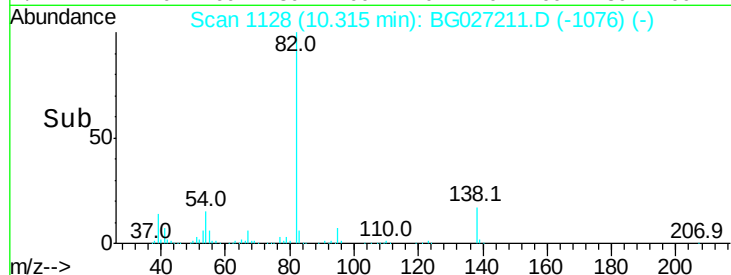
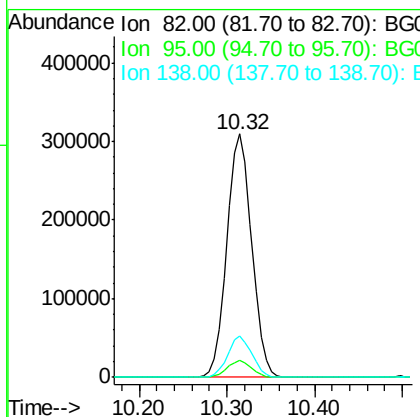
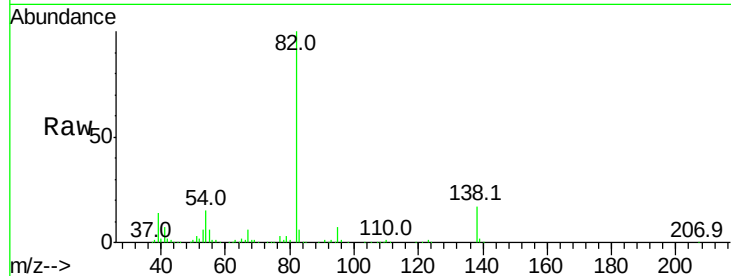
ClientSampleId :

SSTDICC060

Tot Ion	82	Resp	598464
Ion	Ratio	Lower	Upper
82	100		
95	7.0	7.5	11.3#
138	17.1	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 81.30 ng

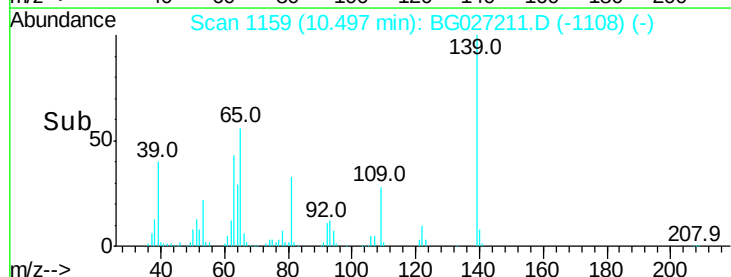
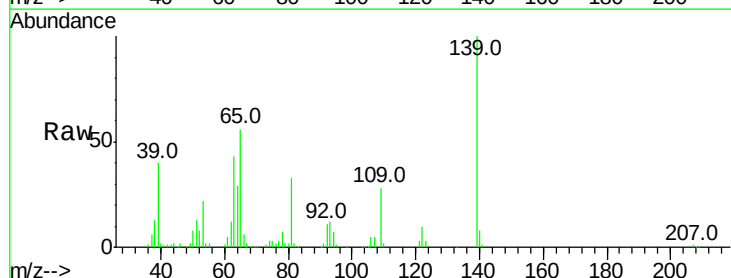
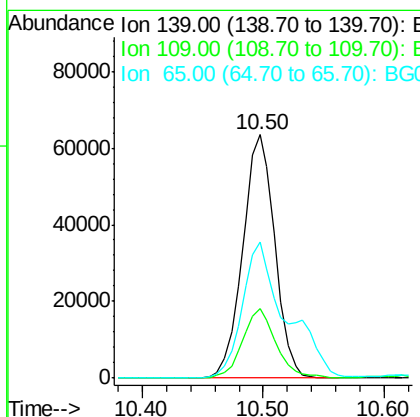
RT: 10.50 min Scan# 1159

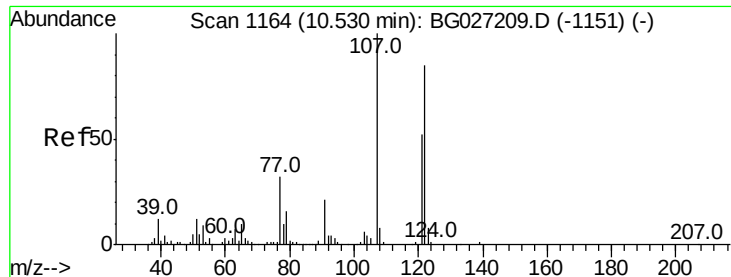
Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion	139	Resp	117234
Ion	Ratio	Lower	Upper
139	100		
109	28.4	38.6	58.0#
65	55.7	57.1	85.7#





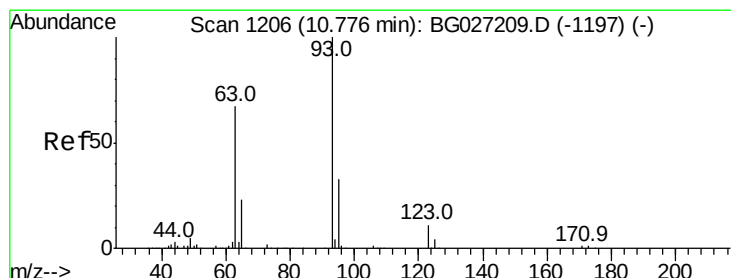
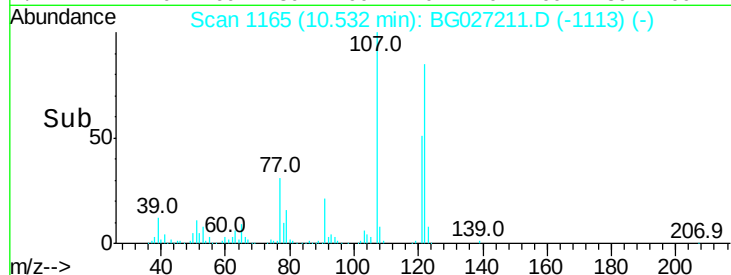
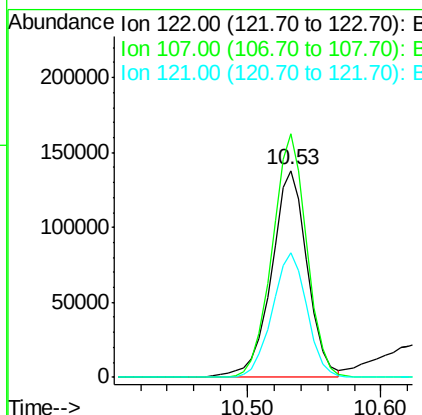
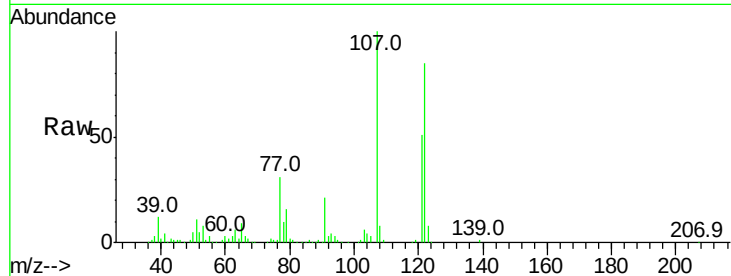
#27
 2,4-Dimethylphenol
 Concen: 64.32 ng
 RT: 10.53 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	104.2	156.4
121	60.2	46.0	69.0

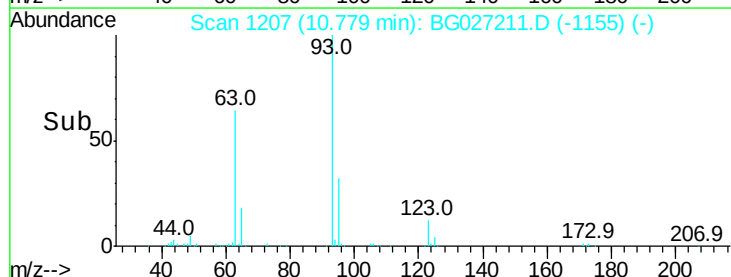
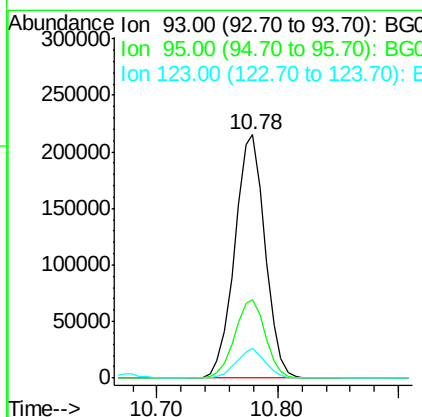
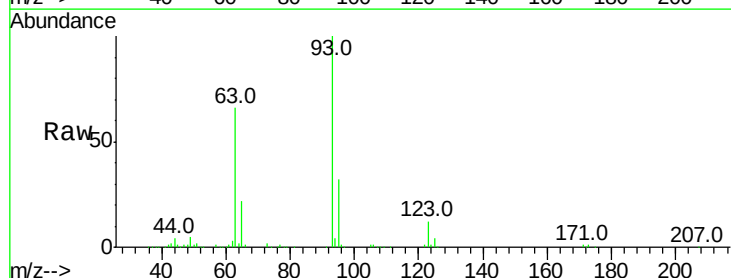
Manual Integrations
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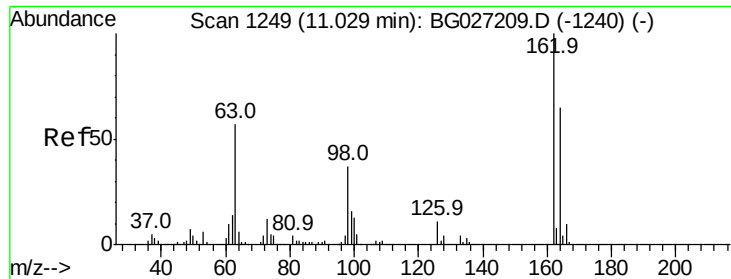
mohammad
 6/6/2017 5:13:53 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 61.37 ng
 RT: 10.78 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	12.1	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 66.14 ng

RT: 11.03 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

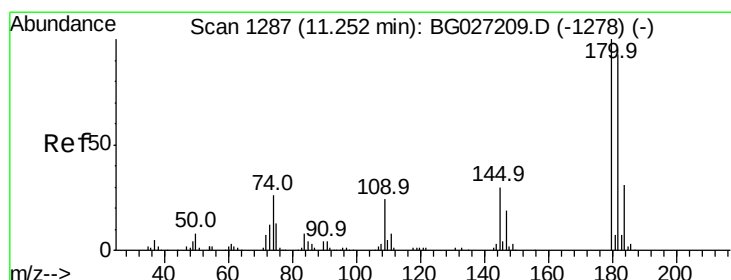
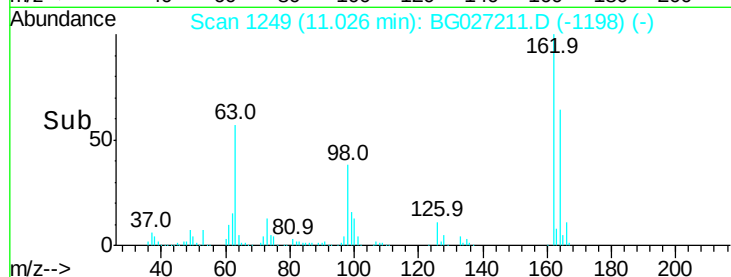
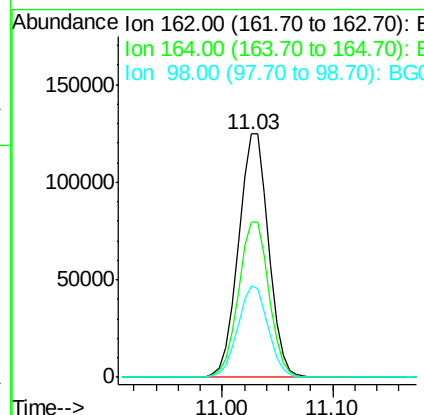
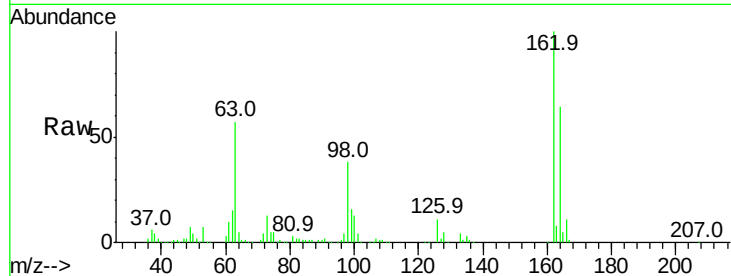
ClientSampleId :

SSTDIC060

Tot Ion:	162	Resp:	239331
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.4	82.4
98	37.6	20.3	60.3

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 61.00 ng

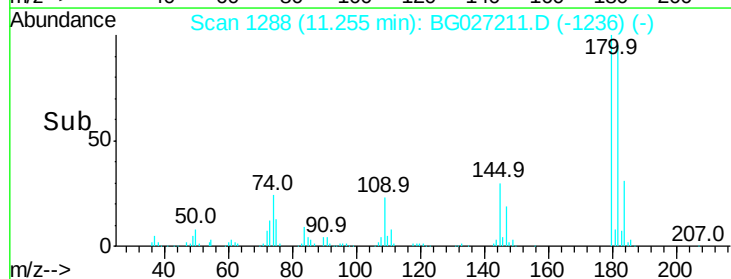
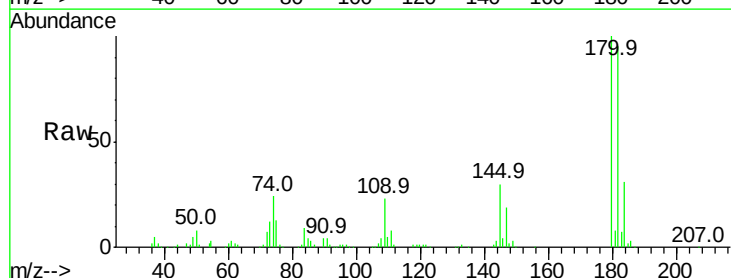
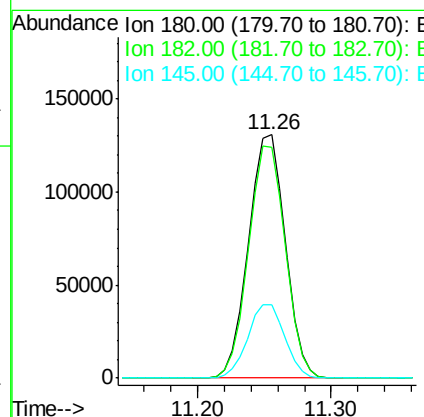
RT: 11.26 min Scan# 1288

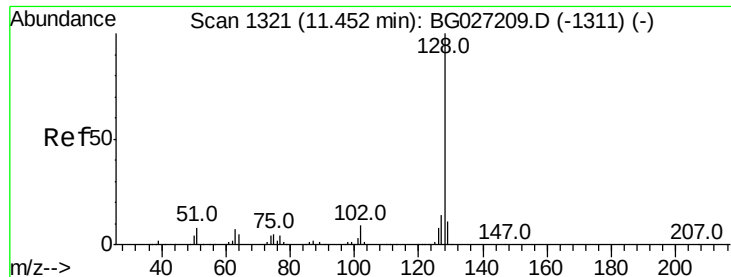
Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion:	180	Resp:	249063
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.0	115.4
145	30.2	23.4	35.0





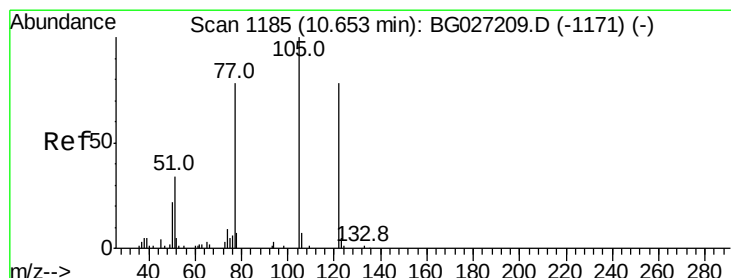
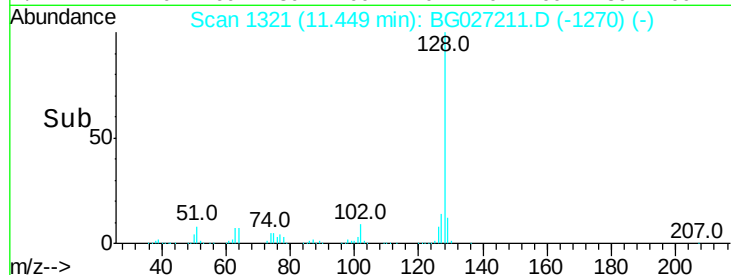
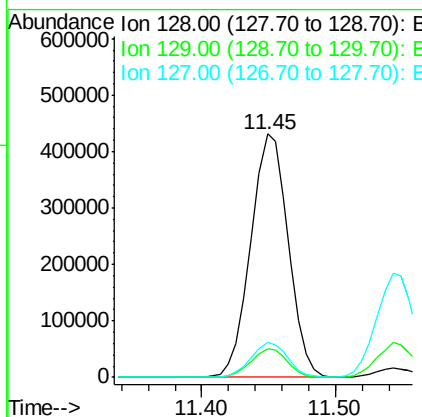
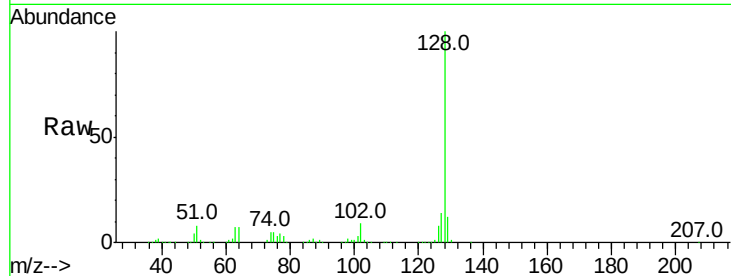
#31
Naphthalene
Concen: 60.25 ng
RT: 11.45 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.3	13.9	
127	14.2	11.4	17.0	

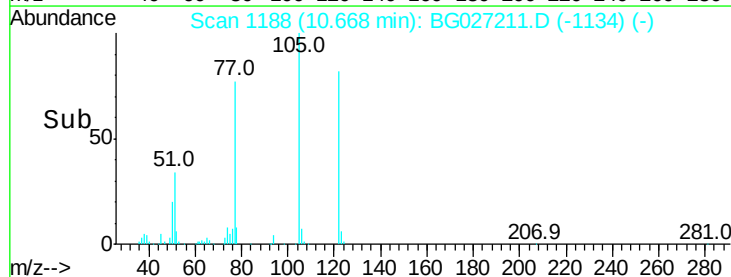
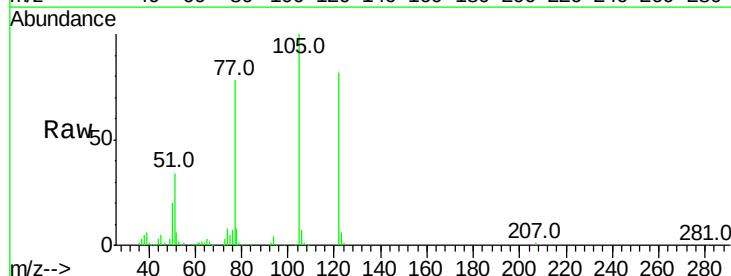
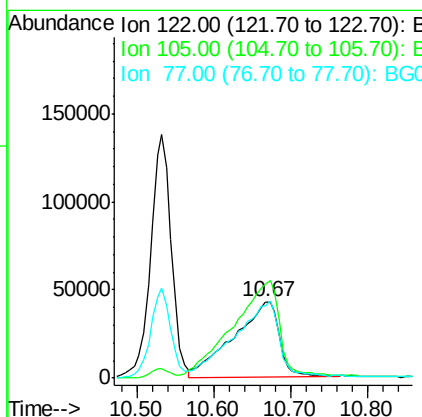
Manual Integrations
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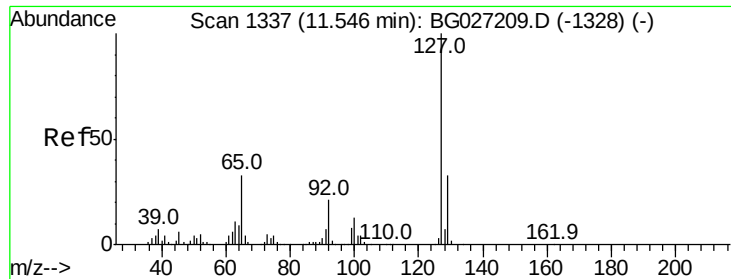
mohammad
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#32
Benzoic acid
Concen: 79.26 ng
RT: 10.67 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.5	120.1	160.1	
77	95.0	104.6	144.6	





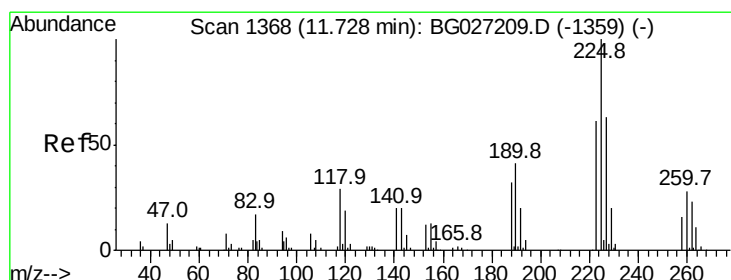
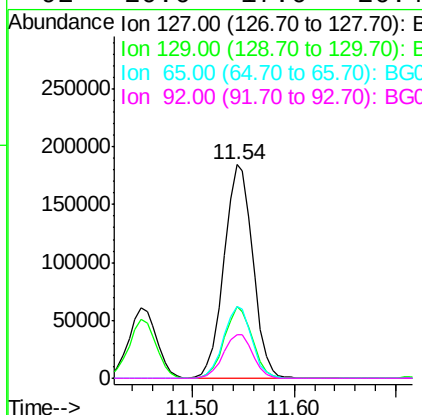
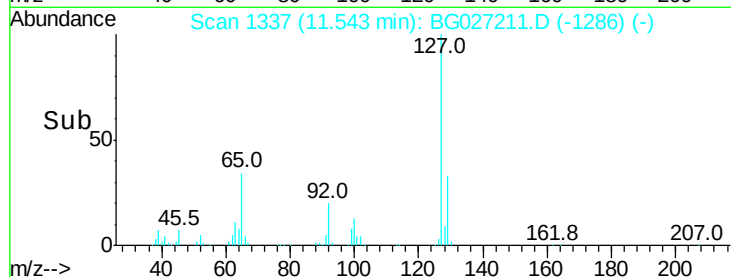
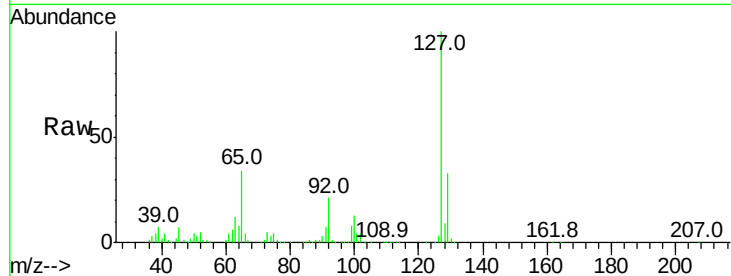
#33
4-Chloroaniline
Concen: 63.30 ng
RT: 11.54 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	23.6	35.4	
65	33.6	37.7	56.5	
92	20.6	17.6	26.4	

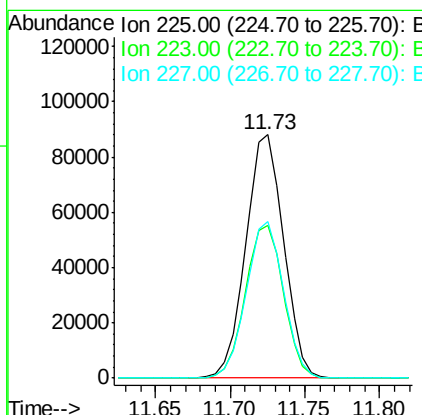
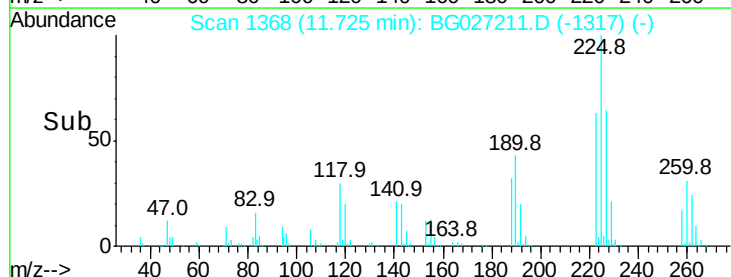
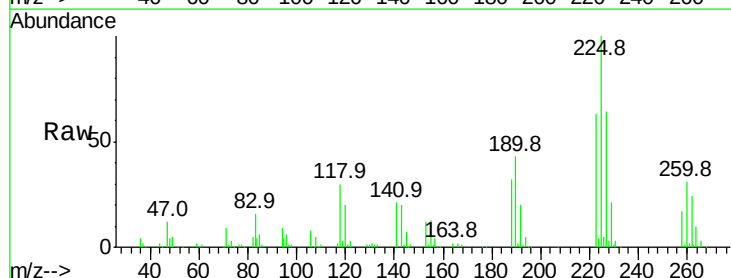
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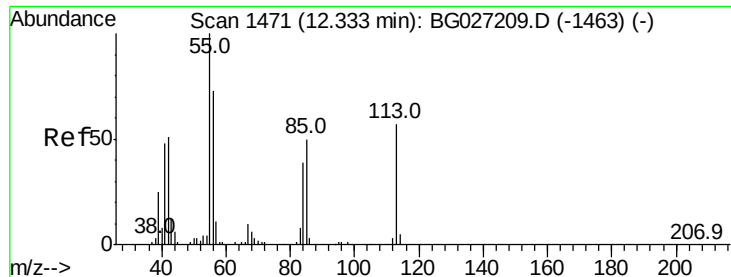
mohammad
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#34
Hexachlorobutadiene
Concen: 61.56 ng
RT: 11.73 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.7	76.1	
227	64.1	49.0	73.6	





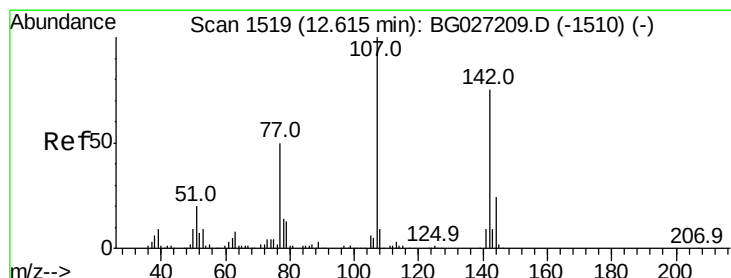
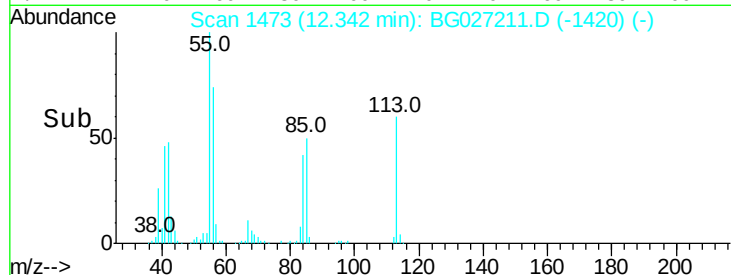
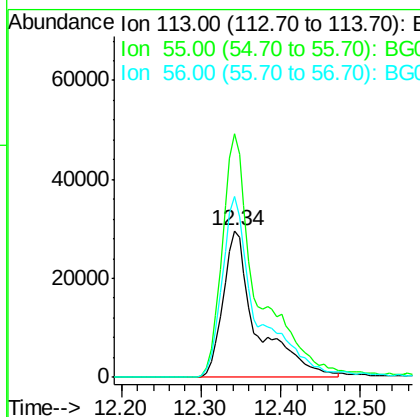
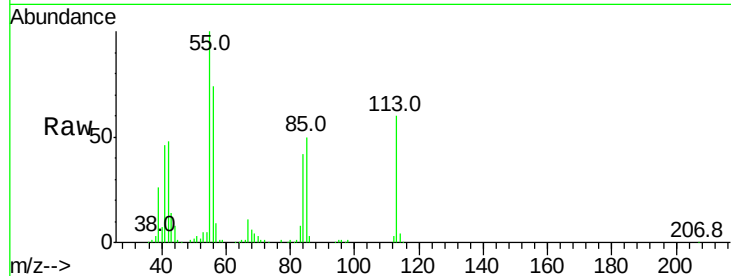
#35
 Caprolactam
 Concen: 71.04 ng/ml
 RT: 12.34 min Scan# 1473
 Delta R.T. 0.01 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.9	198.6	238.6#
56	123.4	140.4	180.4#

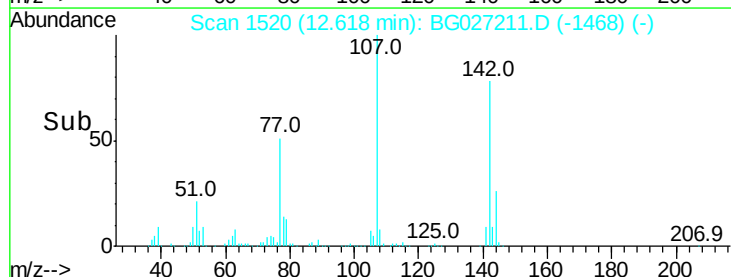
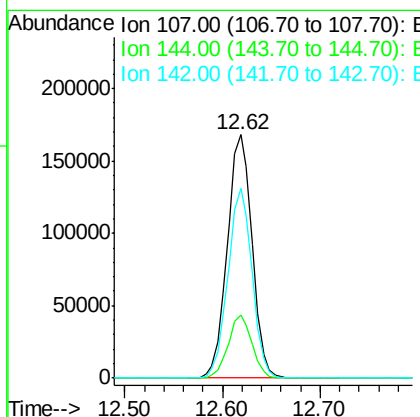
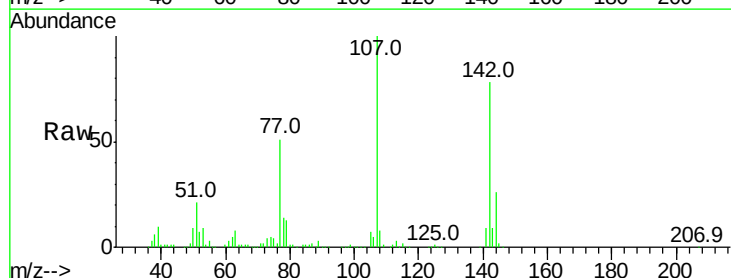
Manual Integrations
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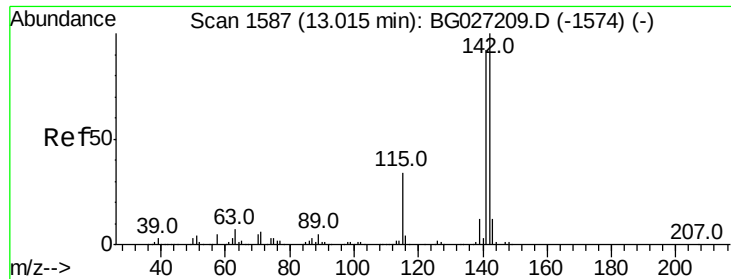
mohammad
 6/6/2017 5:13:53 PM



#36
 4-Chloro-3-methylphenol
 Concen: 63.79 ng/ml
 RT: 12.62 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	17.4	26.0
142	77.8	54.1	81.1





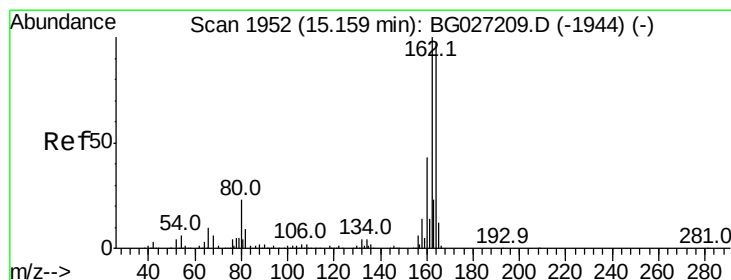
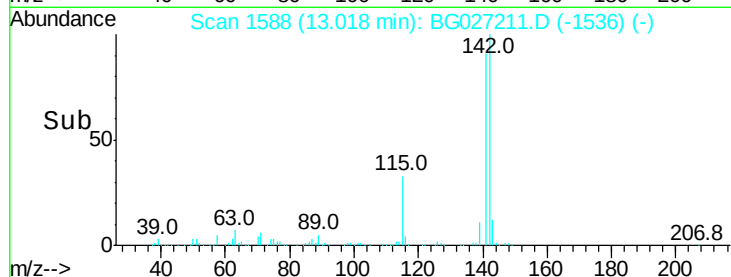
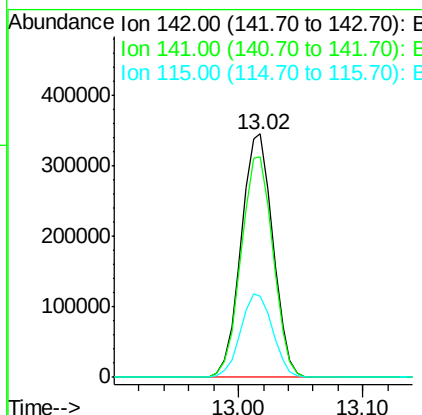
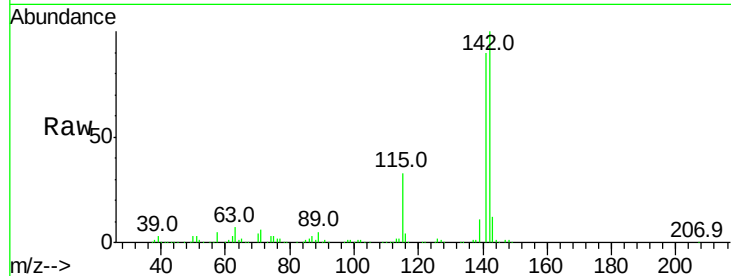
#37
2-Methylnaphthalene
Concen: 60.43 ng/ml
RT: 13.02 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.4	105.6
115	33.4	35.5	53.3

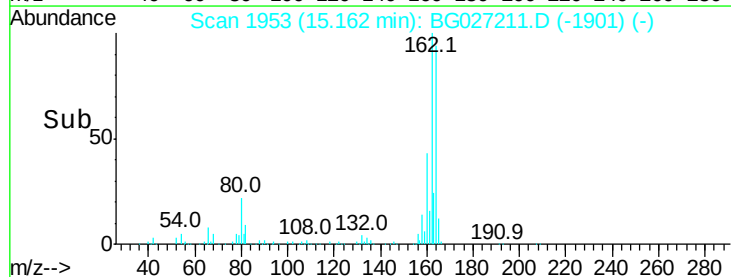
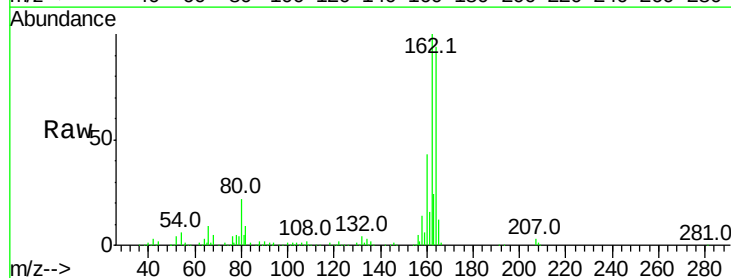
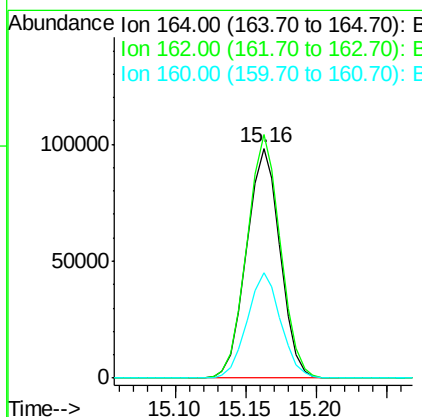
Manual Integrations
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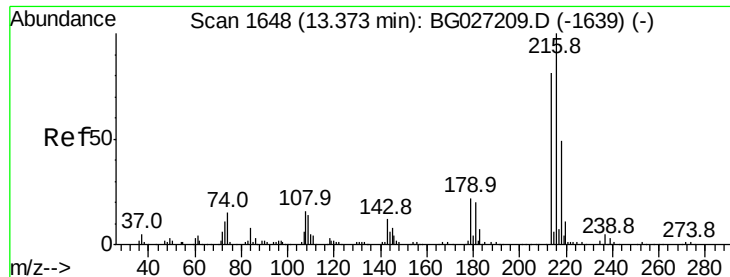
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	45.8	34.7	52.1





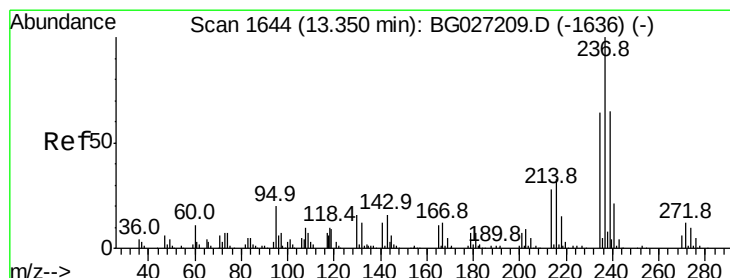
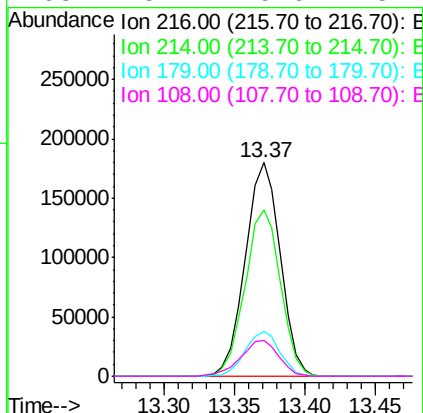
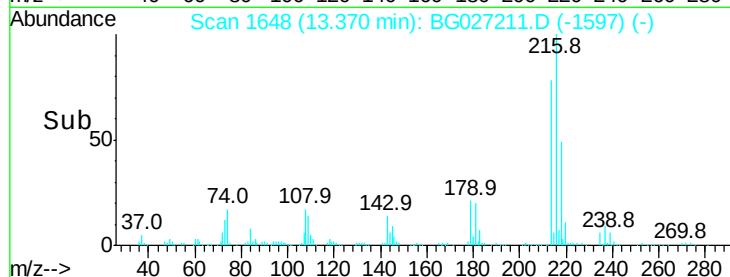
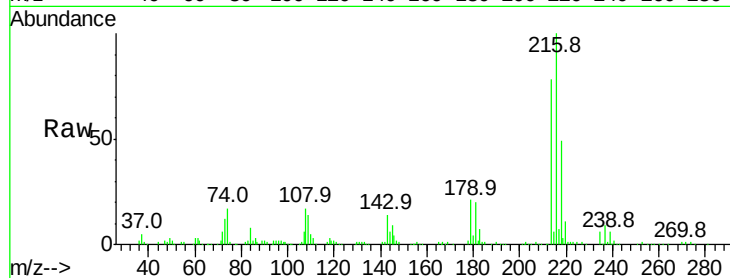
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.63 ng
 RT: 13.37 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	64.4	96.6	
179	20.8	17.4	26.0	
108	18.2	15.6	23.4	

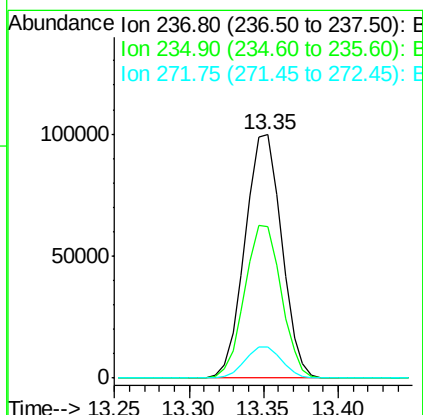
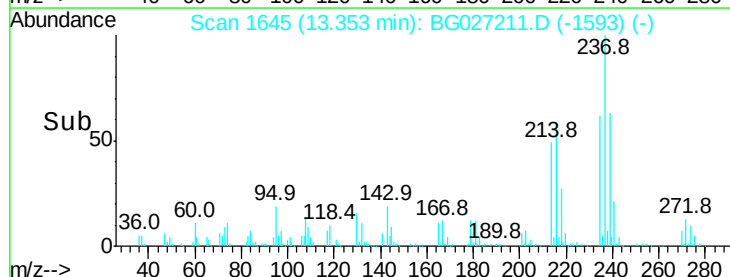
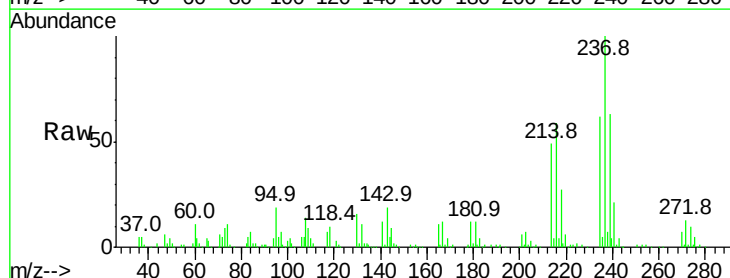
Manual Integrations
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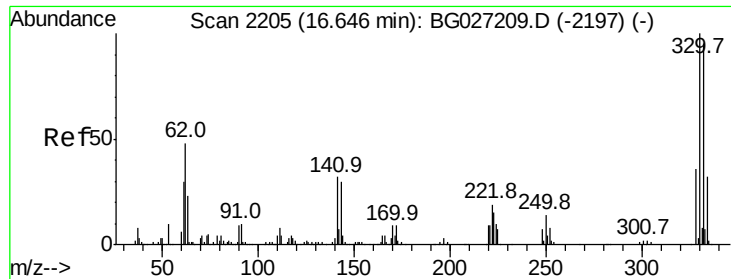
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 69.33 ng
 RT: 13.35 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.1	39.4	79.4	
272	12.6	0.0	32.0	





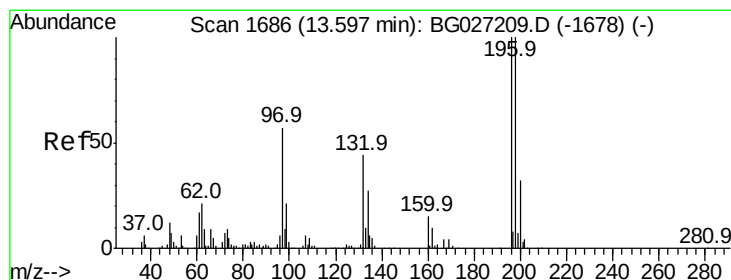
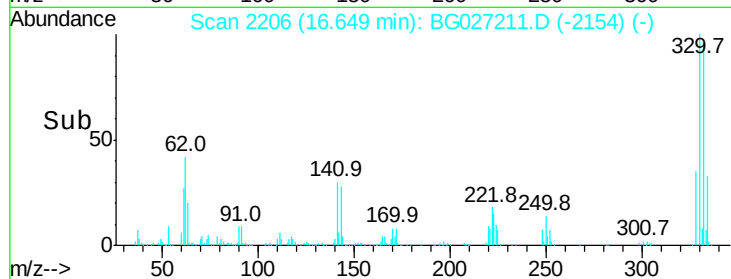
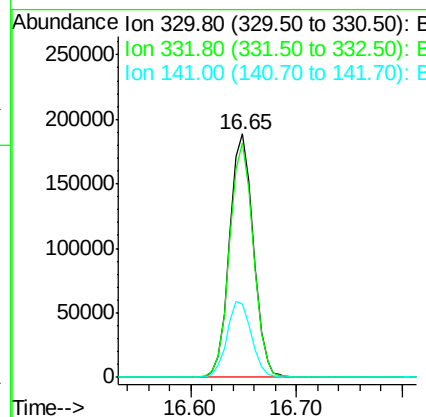
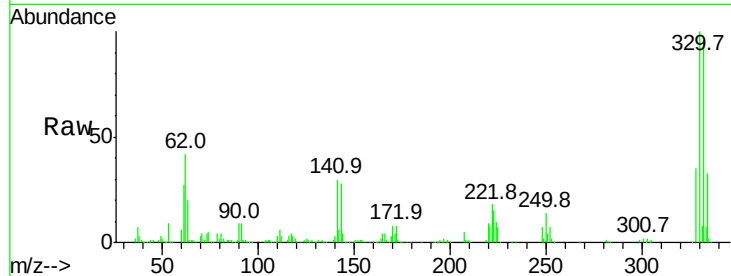
#41
 2,4,6-Tribromophenol
 Concen: 72.01 ng
 RT: 16.65 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	293807		
332	96.1	77.3	115.9	
141	32.3	32.1	48.1	

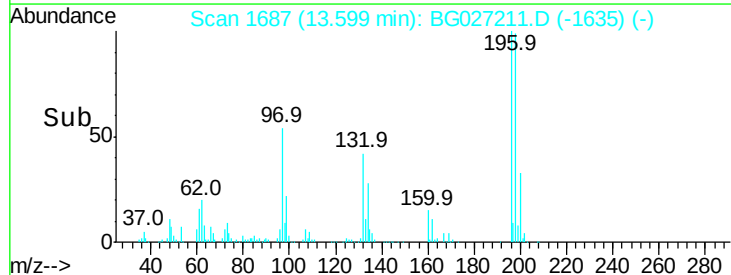
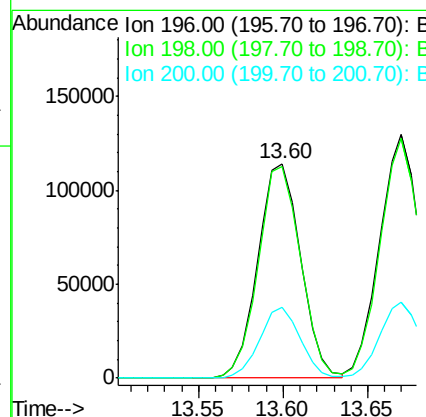
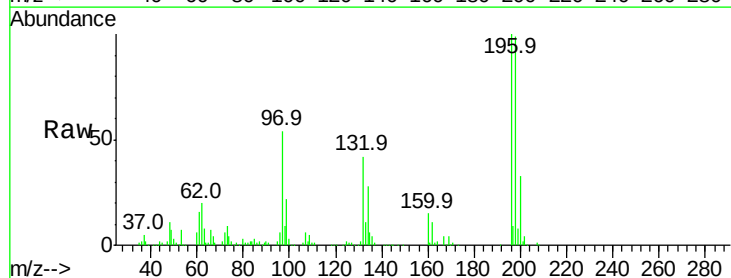
Manual Integrations
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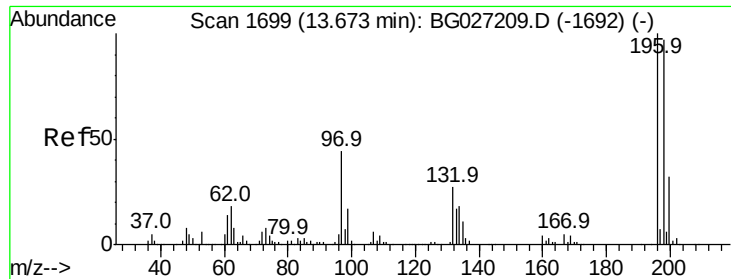
mohammad
 6/6/2017 5:13:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 67.32 ng
 RT: 13.60 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200388		
198	98.6	81.4	122.2	
200	32.7	27.0	40.6	





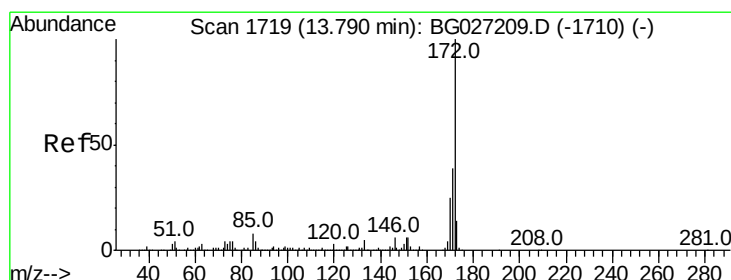
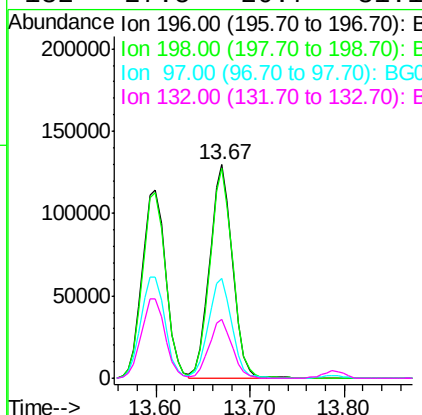
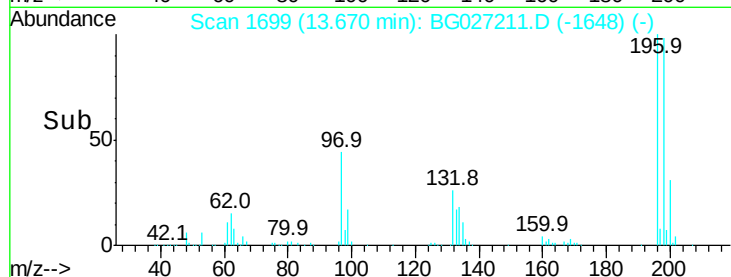
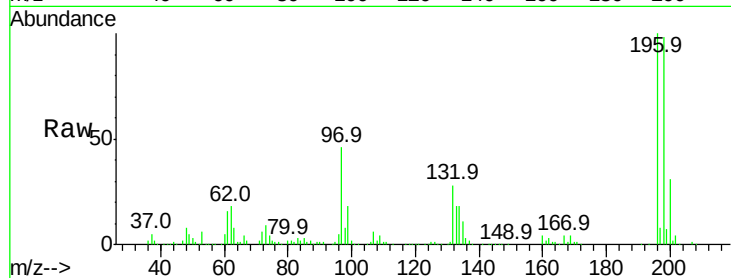
#43
 2,4,5-Trichlorophenol
 Concen: 65.52 ng
 RT: 13.67 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220113		
198	98.3		79.9	119.9
97	46.5		45.4	68.0
132	27.5		20.7	31.1

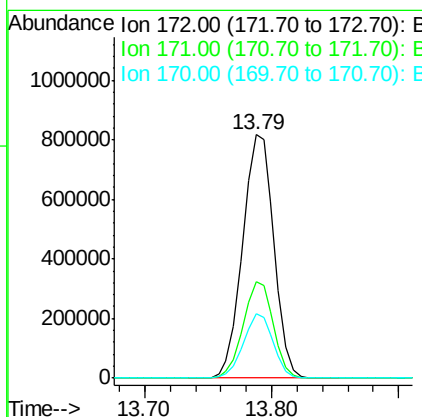
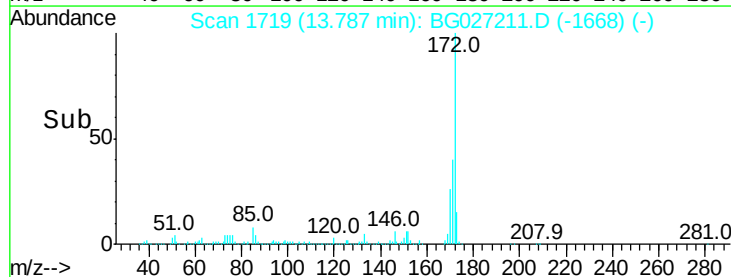
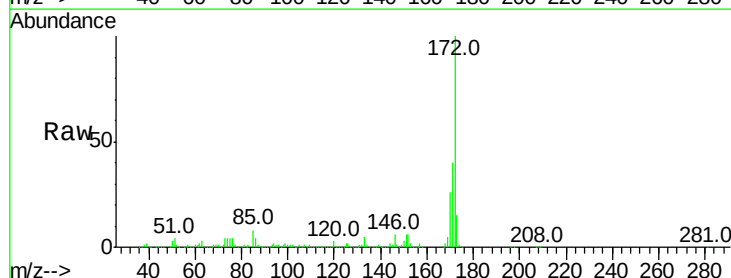
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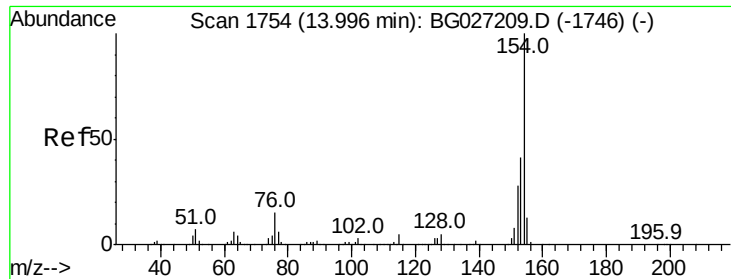
mohammad
 6/6/2017 5:13:53 PM



#44
 2-Fluorobiphenyl
 Concen: 59.34 ng
 RT: 13.79 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1394157		
171	39.6		32.2	48.2
170	26.3		21.8	32.6





#45

1,1'-Biphenyl

Concen: 60.62 ng

RT: 14.00 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

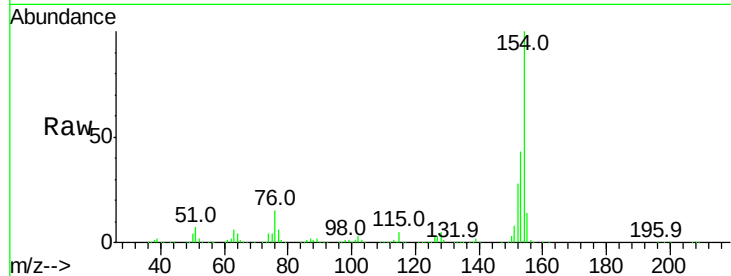
ClientSampleId :

SSTDIC060

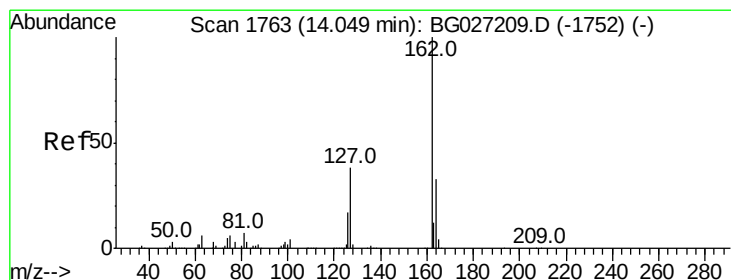
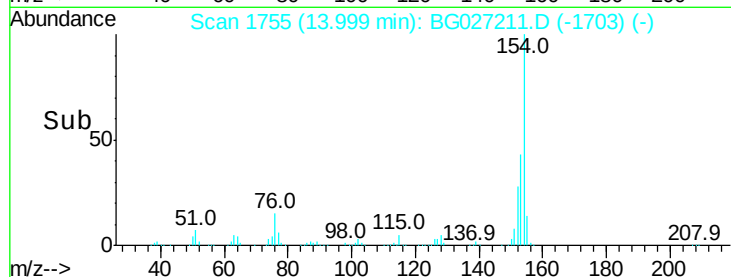
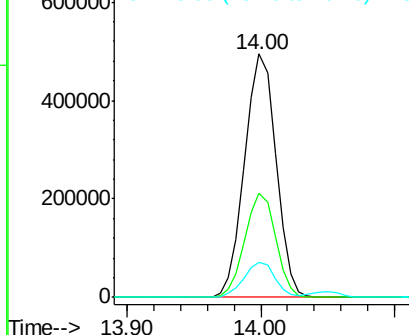
Tot Ion:	154	Resp:	805866
Ion Ratio	Lower	Upper	
154	100		
153	42.5	23.0	63.0
76	14.6	0.0	33.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 61.83 ng

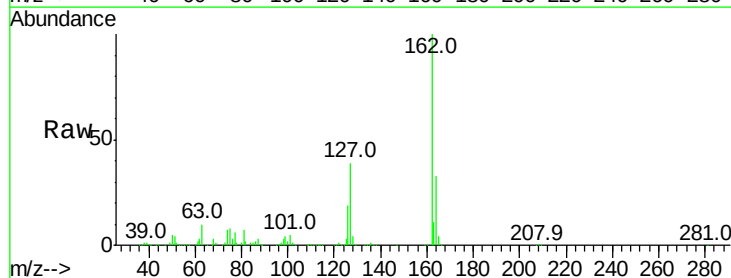
RT: 14.05 min Scan# 1764

Delta R.T. 0.00 min

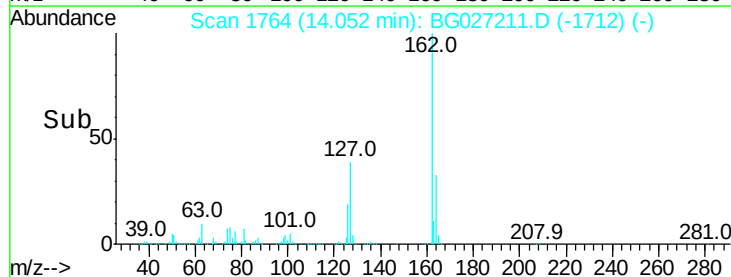
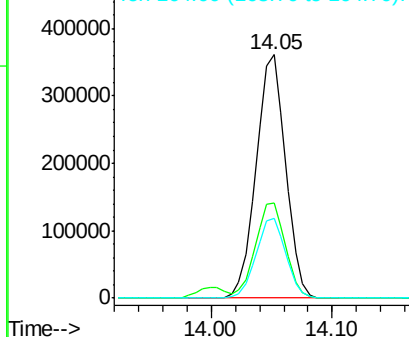
Lab File: BG027211.D

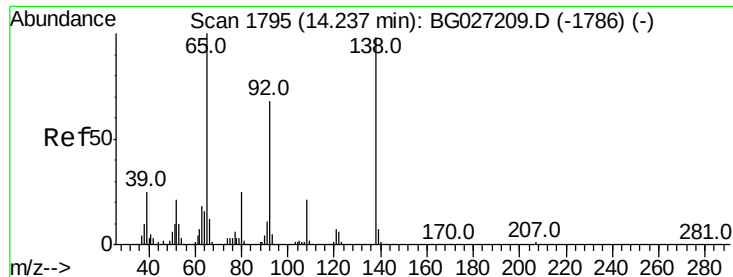
Acq: 5 Jun 2017 14:00

Tgt Ion:	162	Resp:	611805
Ion Ratio	Lower	Upper	
162	100		
127	39.2	32.2	48.4
164	32.7	27.3	40.9



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





#47

2-Nitroaniline

Concen: 84.35 ng

RT: 14.24 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

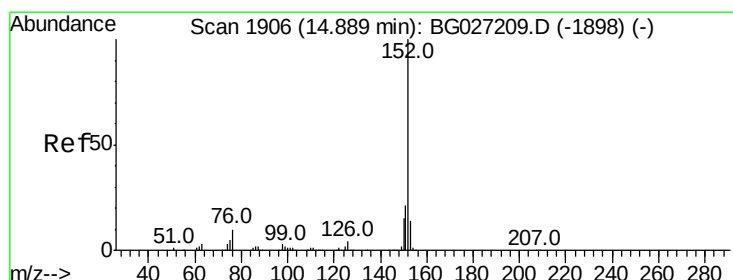
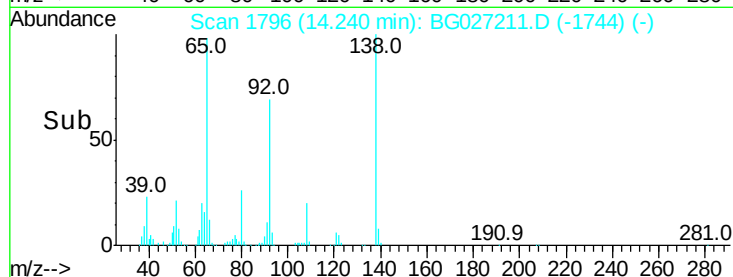
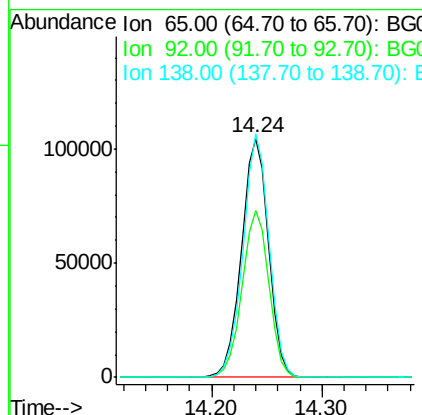
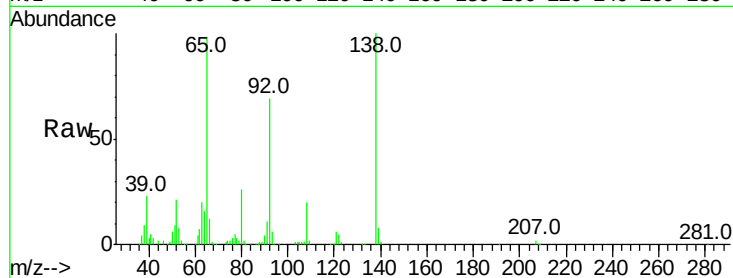
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	49.0	73.4
138	101.9	58.6	87.8

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#48

Acenaphthylene

Concen: 61.79 ng

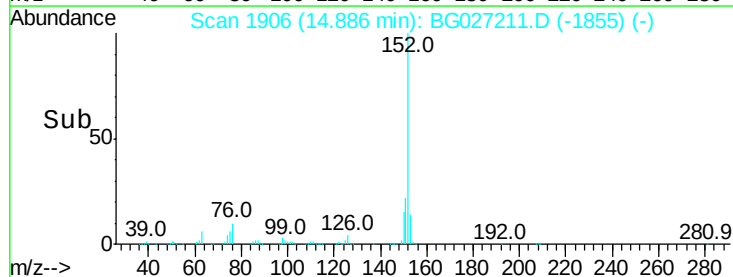
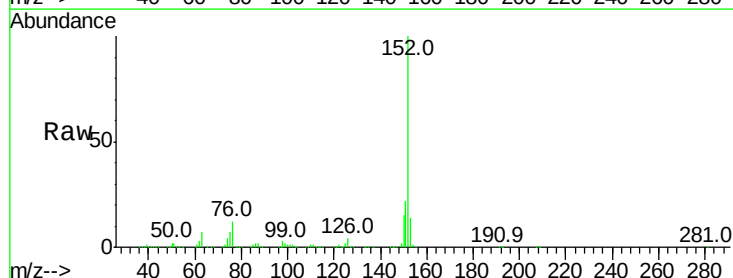
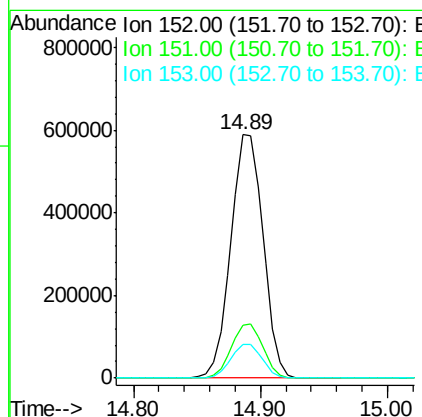
RT: 14.89 min Scan# 1906

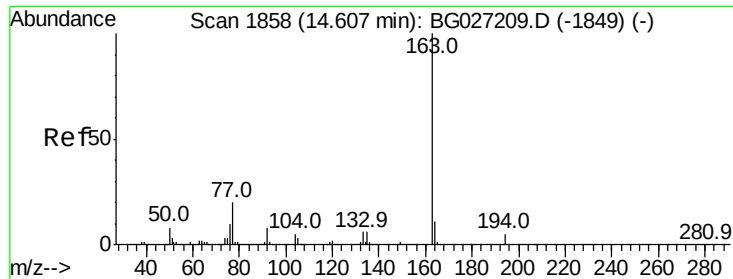
Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	18.2	27.2
153	14.0	11.3	16.9





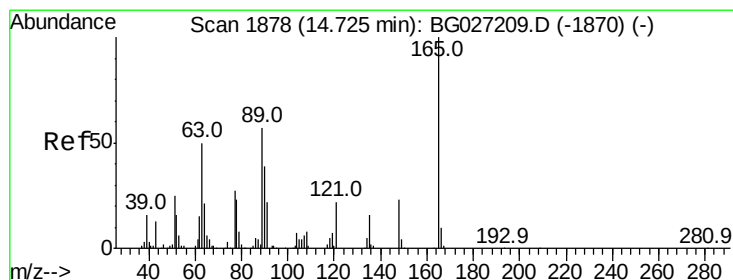
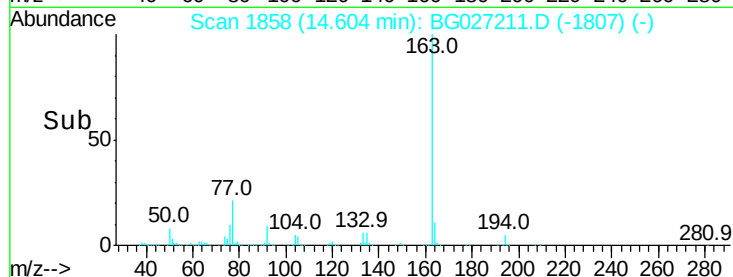
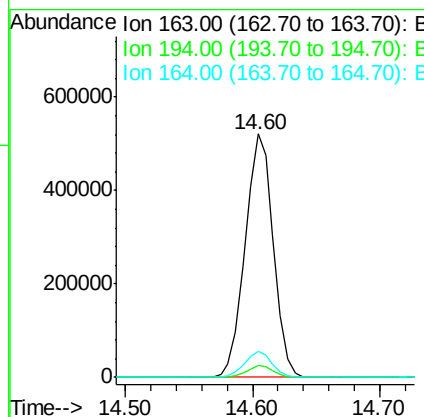
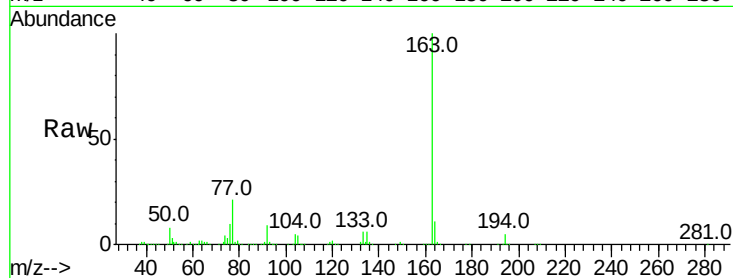
#49
Dimethylphthalate
Concen: 61.89 ng
RT: 14.60 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
163	100	799573		
194	4.7		3.8	5.6
164	10.6		9.3	13.9

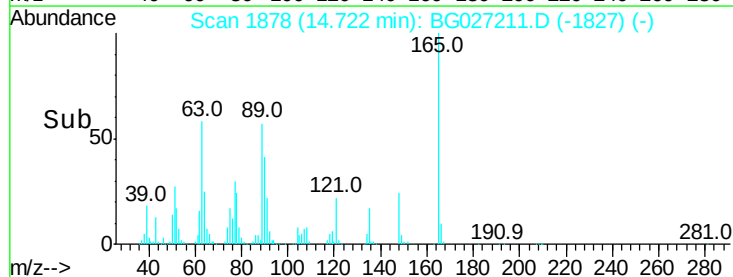
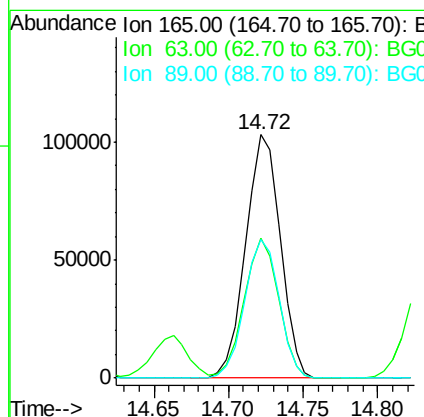
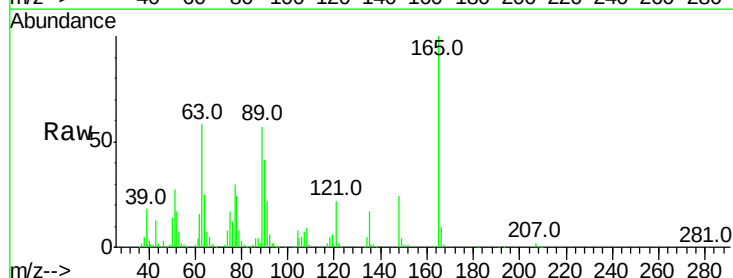
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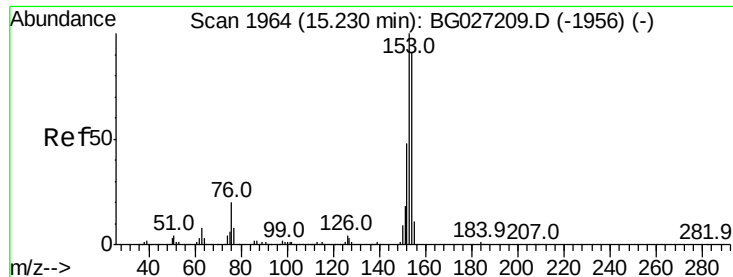
mohammad
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#50
2,6-Dinitrotoluene
Concen: 82.36 ng
RT: 14.72 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165779		
63	57.6		63.9	95.9#
89	57.1		58.6	88.0#





#51

Acenaphthene

Concen: 62.27 ng

RT: 15.23 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

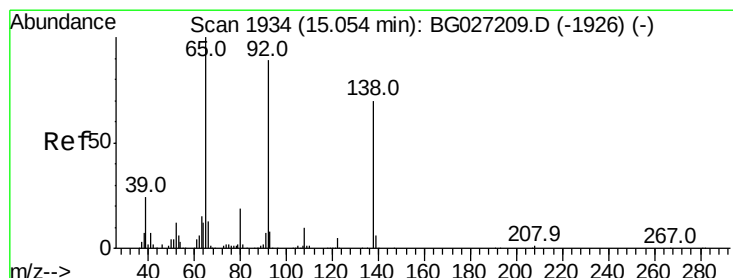
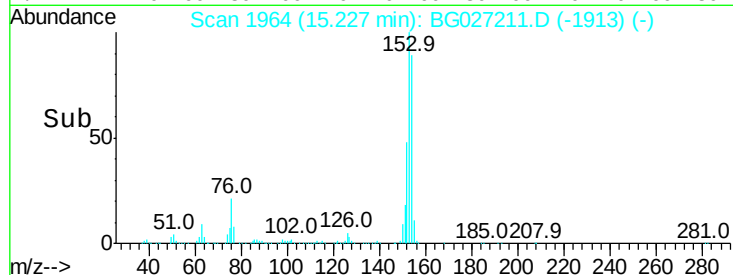
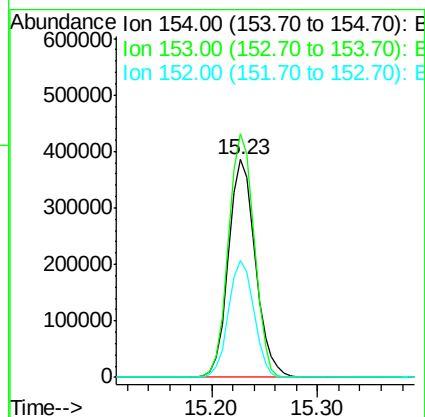
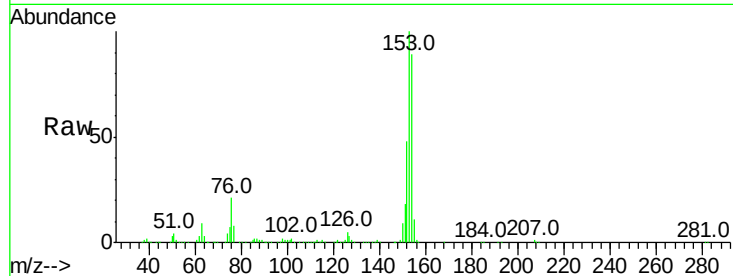
ClientSampleId :

SSTDICC060

Tot Ion:	154	Resp:	678472
Ion Ratio	Lower	Upper	
154	100		
153	111.9	87.8	131.6
152	53.9	42.2	63.4

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#52

3-Nitroaniline

Concen: 82.70 ng

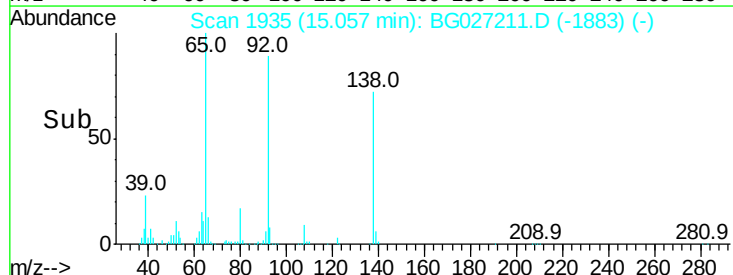
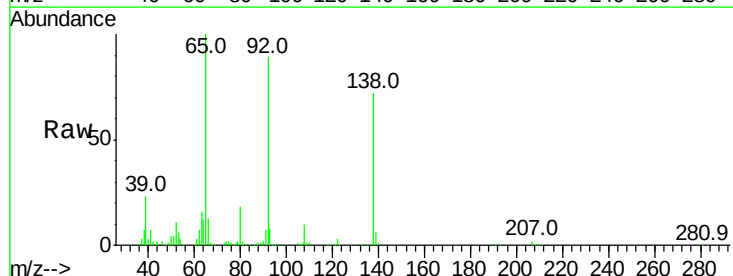
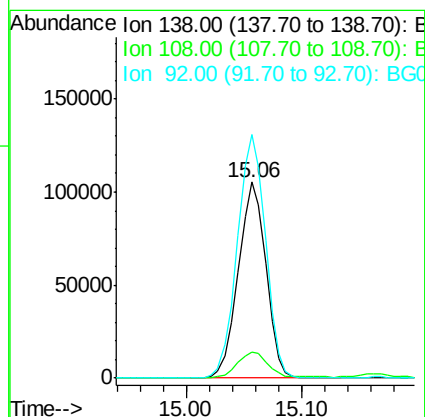
RT: 15.06 min Scan# 1935

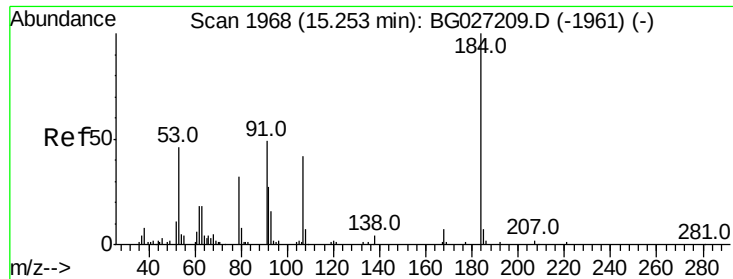
Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion:	138	Resp:	174379
Ion Ratio	Lower	Upper	
138	100		
108	13.6	10.9	16.3
92	124.3	115.3	172.9





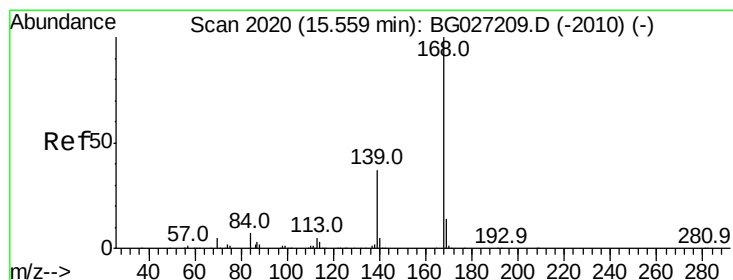
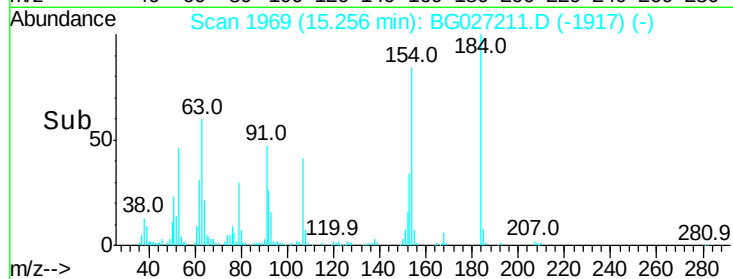
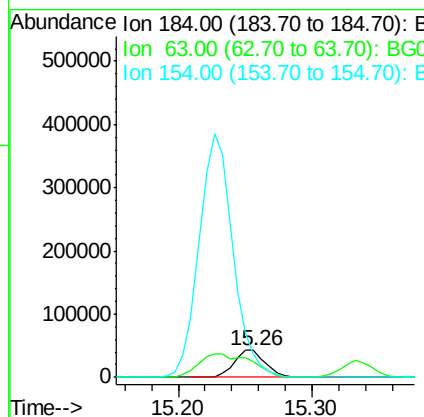
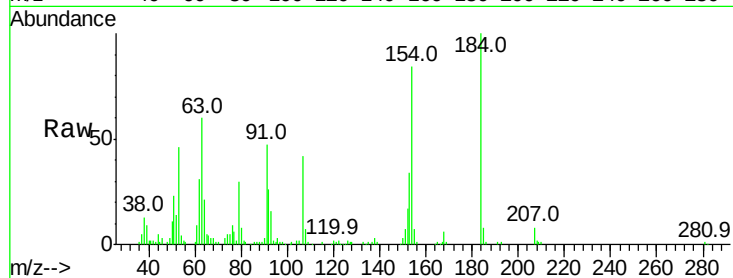
#53
2,4-Dinitrophenol
Concen: 86.26 ng
RT: 15.26 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.2	52.7	79.1
154	84.2	57.3	85.9

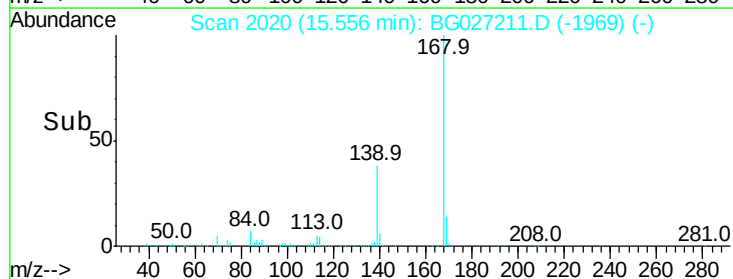
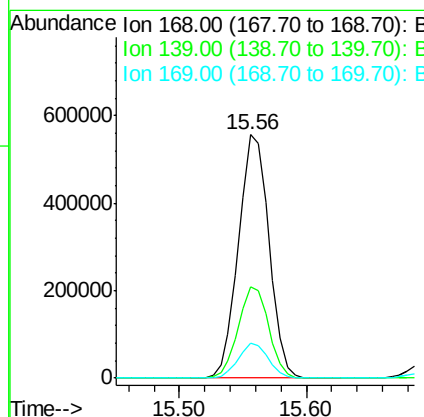
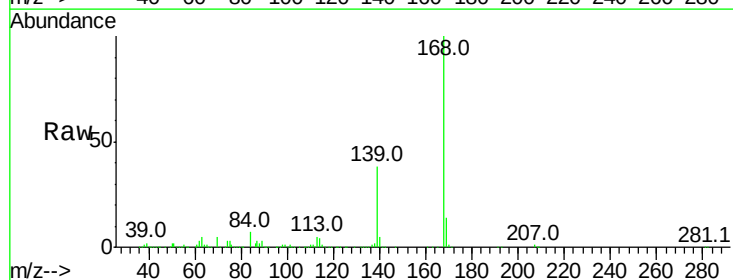
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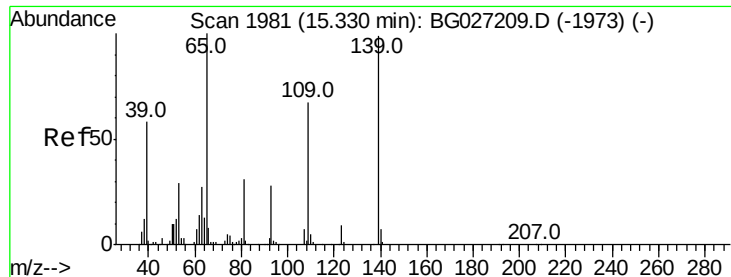
mohammad
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#54
Dibenzofuran
Concen: 60.12 ng
RT: 15.56 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	35.3	52.9
169	14.3	11.5	17.3





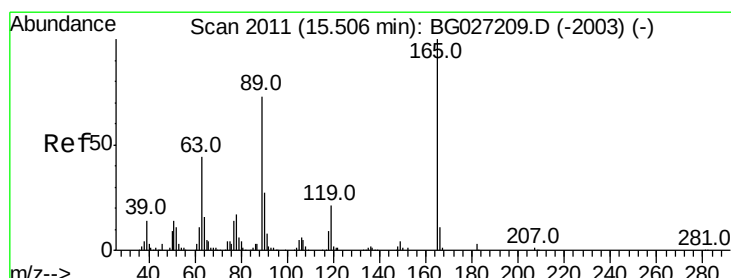
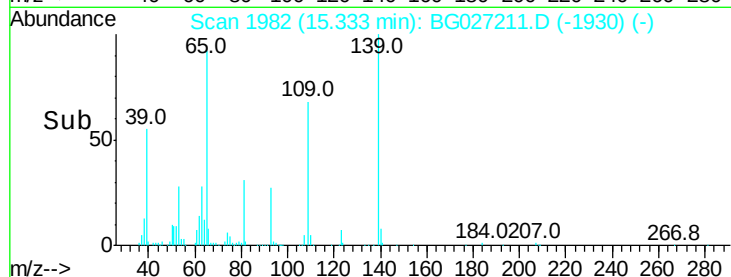
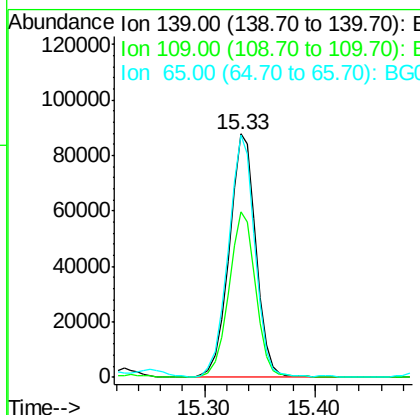
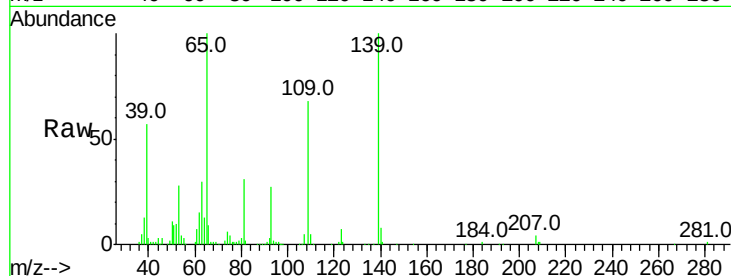
#55
4-Nitrophenol
Concen: 76.57 ng
RT: 15.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.2	101.2	141.2#
65	99.6	135.3	175.3#

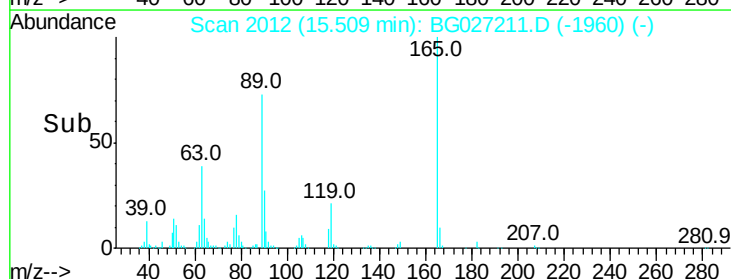
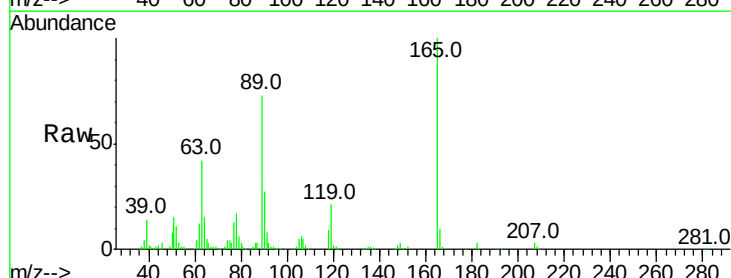
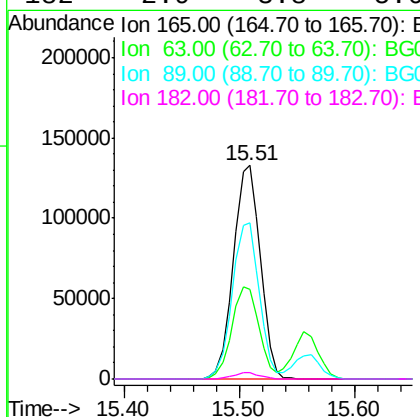
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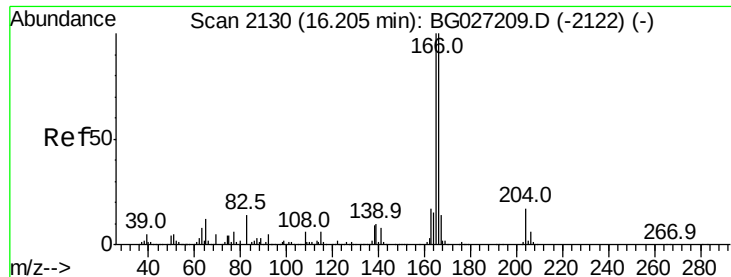
mohammad
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#56
2,4-Dinitrotoluene
Concen: 87.05 ng
RT: 15.51 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	44.0	66.0#
89	73.3	67.3	100.9
182	2.9	3.8	5.6#





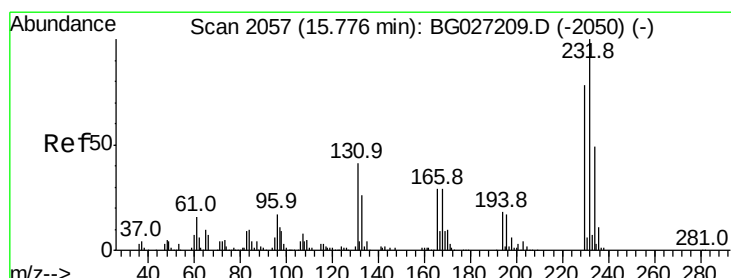
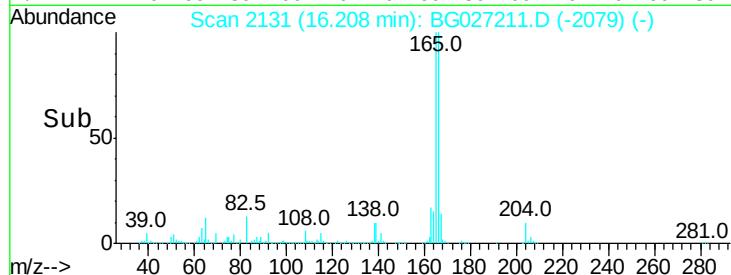
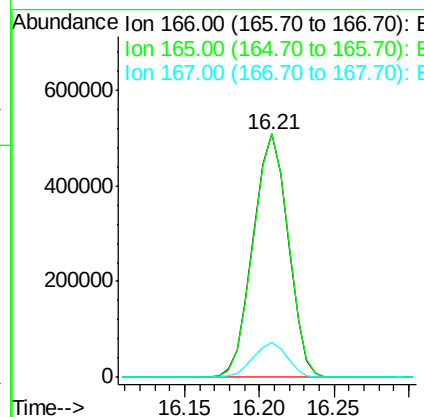
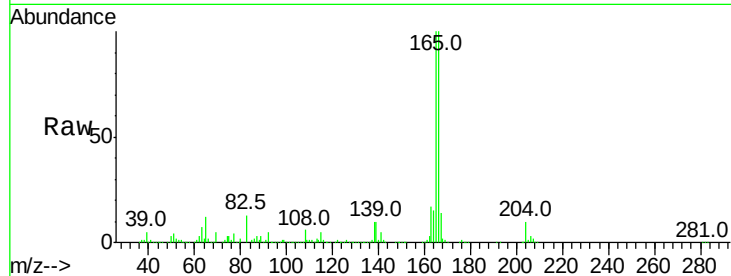
#57
Fluorene
Concen: 60.19 ng
RT: 16.21 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	826524	78.6	117.8
167	14.2		11.6	17.4

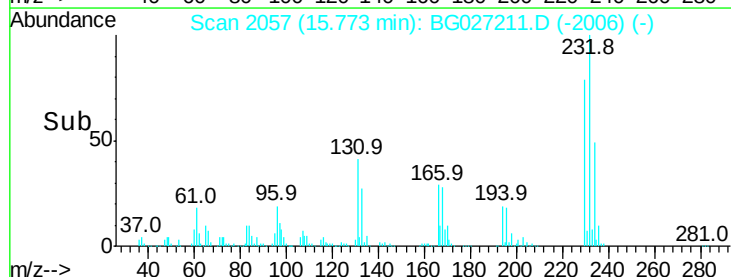
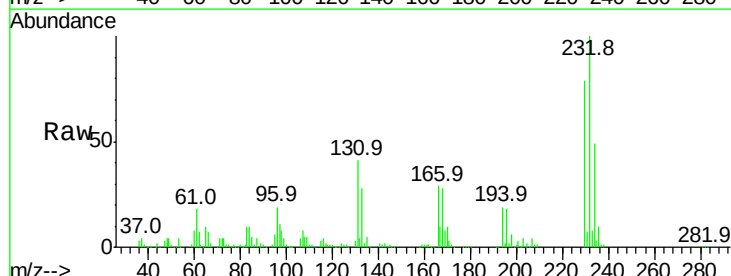
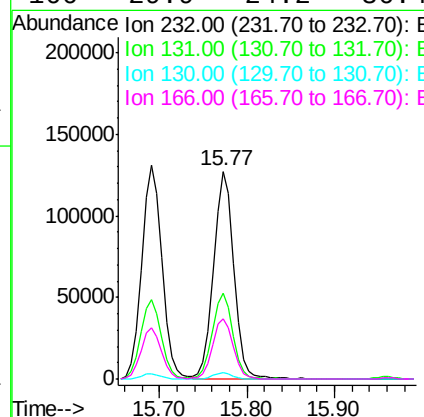
Manual Integrations
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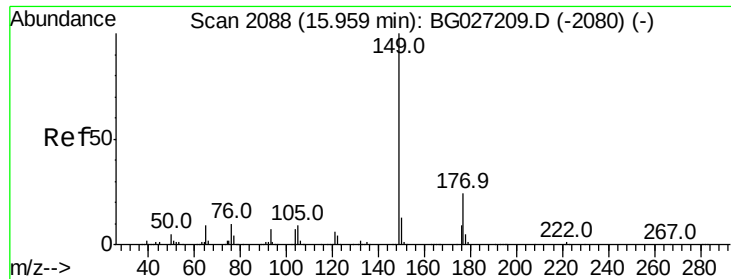
mohammad
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#58
2,3,4,6-Tetrachlorophenol
Concen: 68.87 ng
RT: 15.77 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	204102		
131	41.3		34.9	52.3
130	2.7		2.3	3.5
166	29.9		24.2	36.4





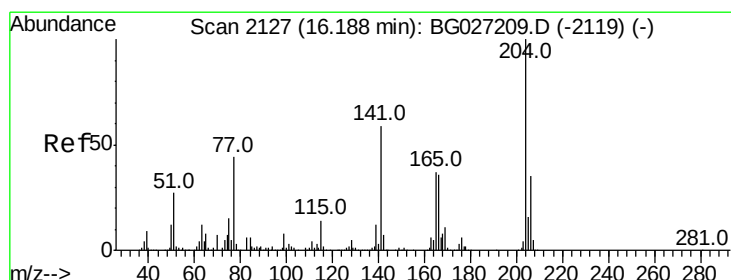
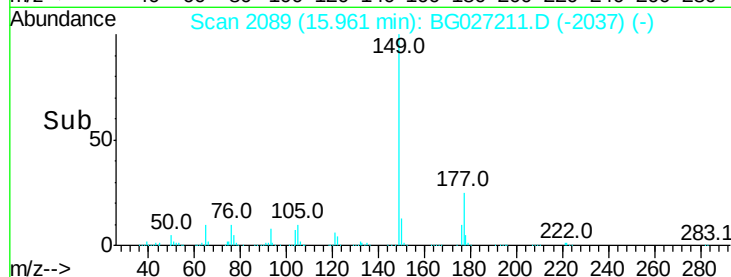
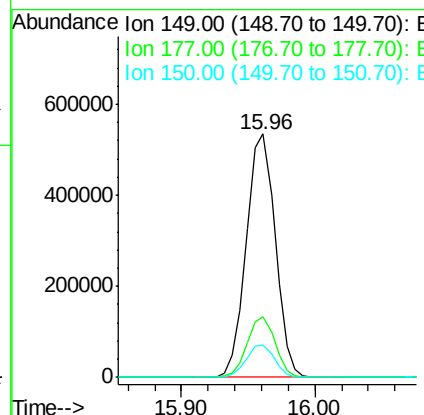
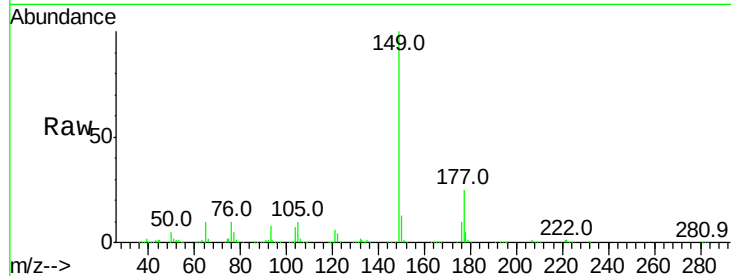
#59
Diethylphthalate
Concen: 62.01 ng
RT: 15.96 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:	149	Resp:	799984
Ion Ratio	Lower	Upper	
149	100		
177	25.1	20.1	30.1
150	13.3	10.2	15.2

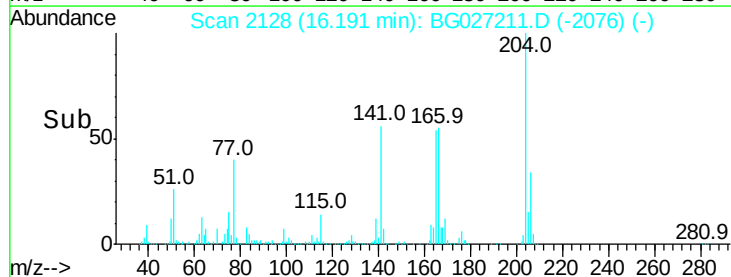
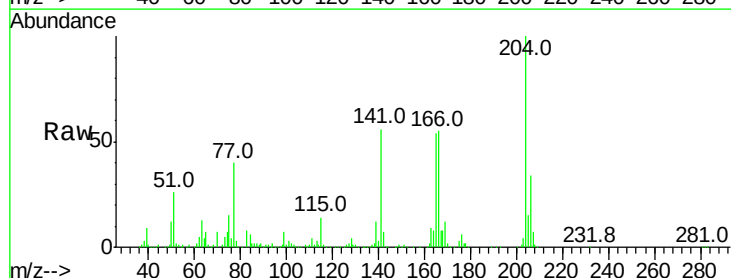
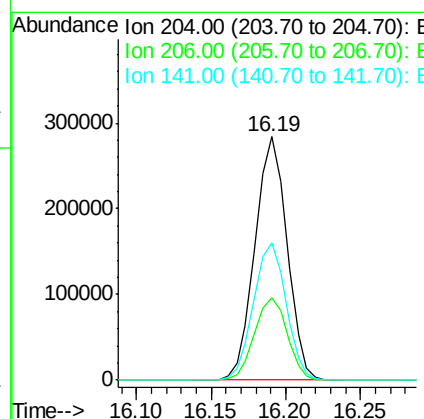
Manual Integrations
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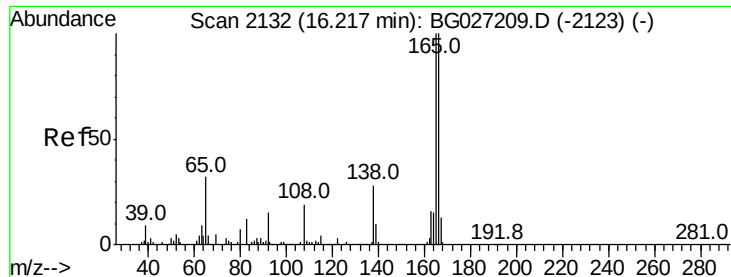
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 61.34 ng
RT: 16.19 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion:	204	Resp:	420693
Ion Ratio	Lower	Upper	
204	100		
206	33.6	30.1	45.1
141	56.4	50.6	76.0





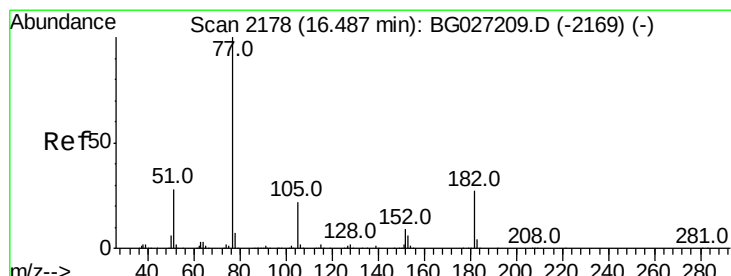
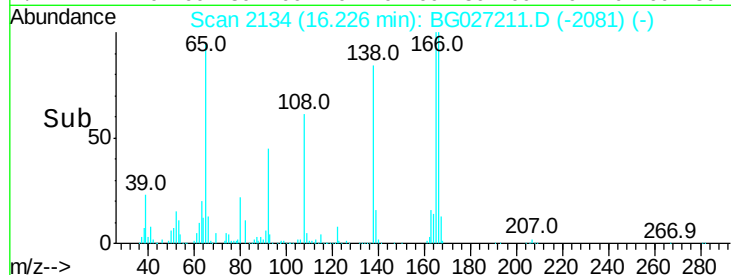
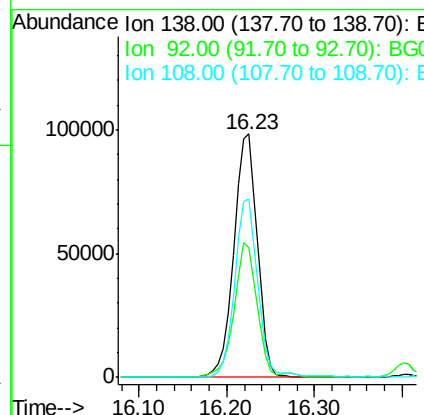
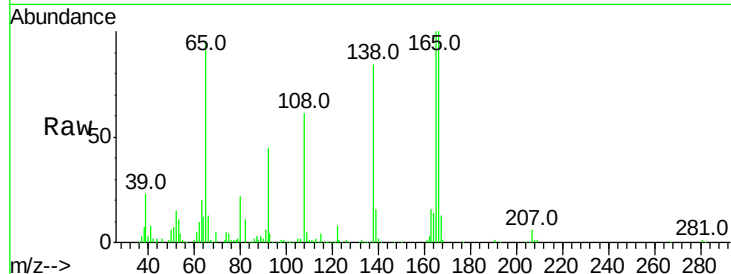
#61
4-Nitroaniline
Concen: 83.95 ng
RT: 16.23 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.3	44.2	84.2	
108	73.5	104.8	144.8	

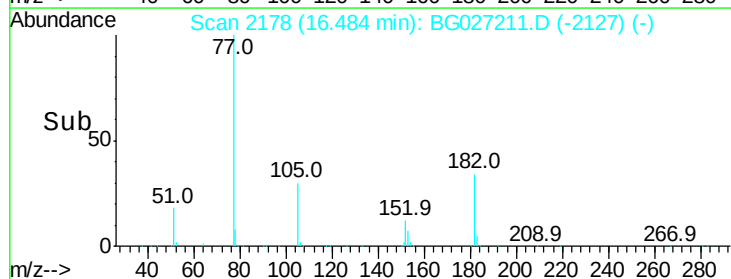
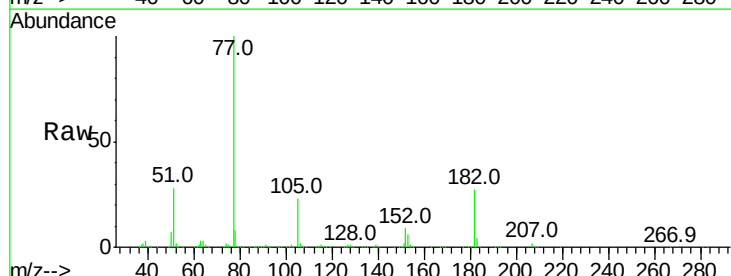
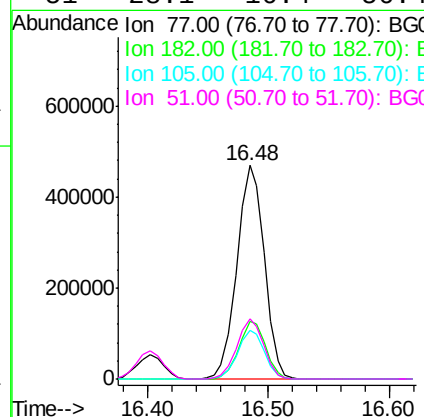
Manual Integrations
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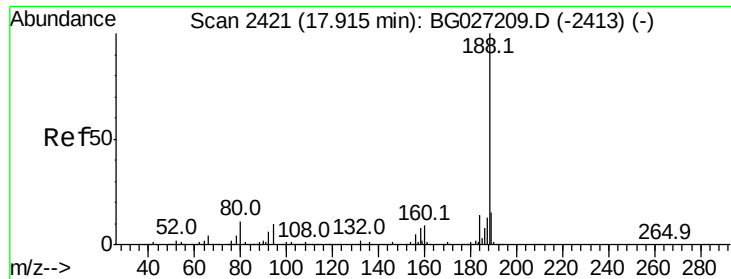
mohammad
6/6/2017 5:13:53 PM



#62
Azobenzene
Concen: 61.78 ng
RT: 16.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.7	4.7	44.7	
105	23.0	0.0	36.3	
51	28.1	16.4	56.4	





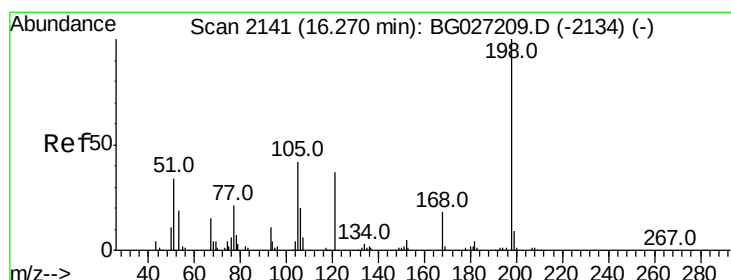
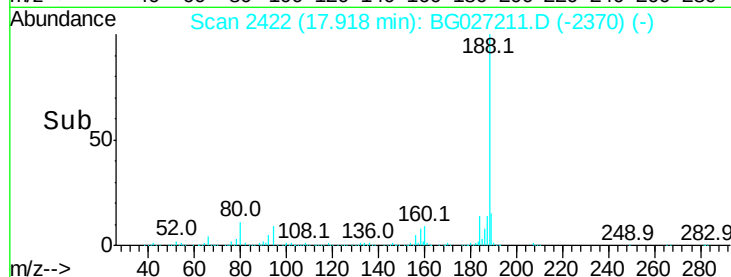
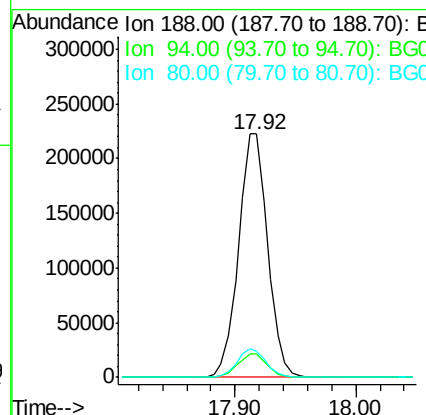
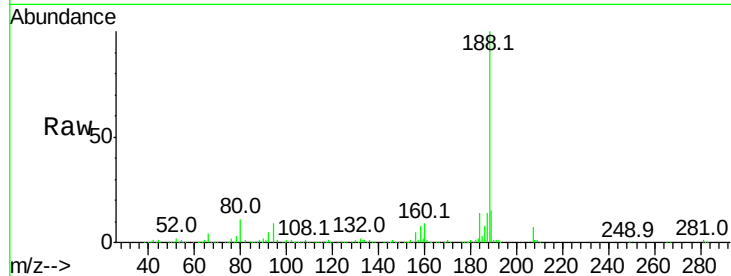
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.92 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	373382		
94	9.5	5.8	8.8#	
80	10.7	7.5	11.3	

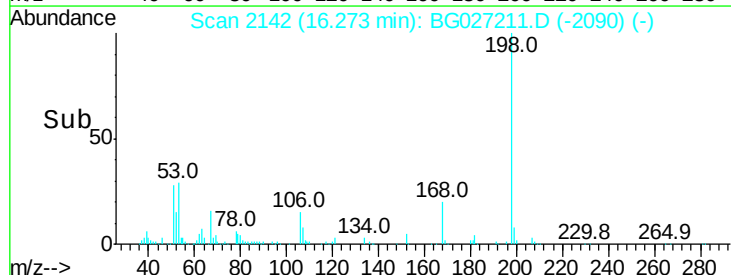
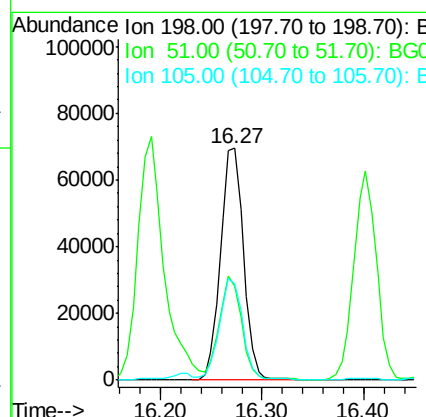
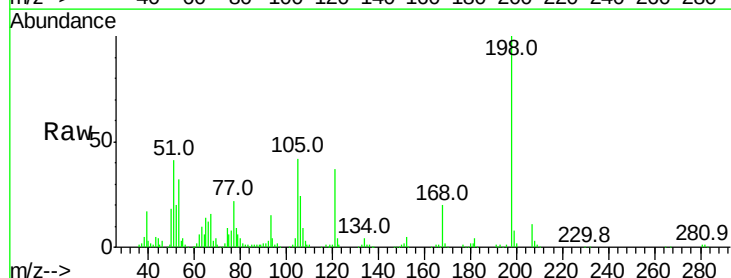
Manual Integrations
APPROVED

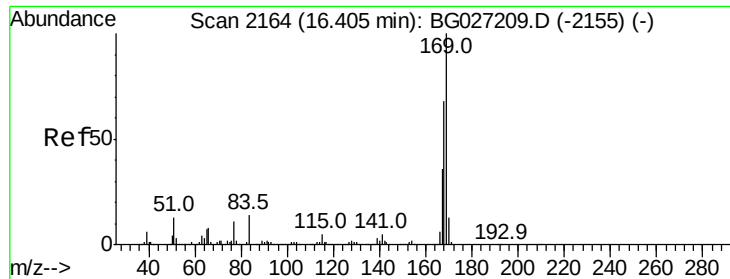
mohammad
6/6/2017 5:13:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 83.18 ng
RT: 16.27 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	110020		
51	40.6	22.6	62.6	
105	41.5	14.4	54.4	





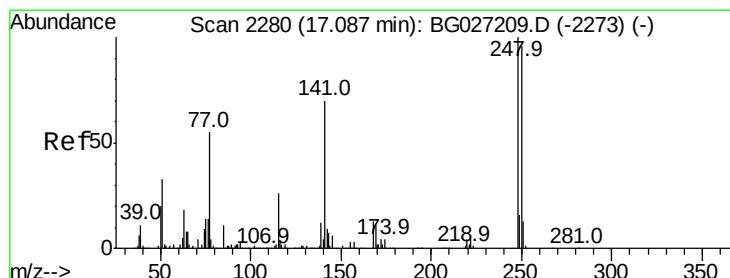
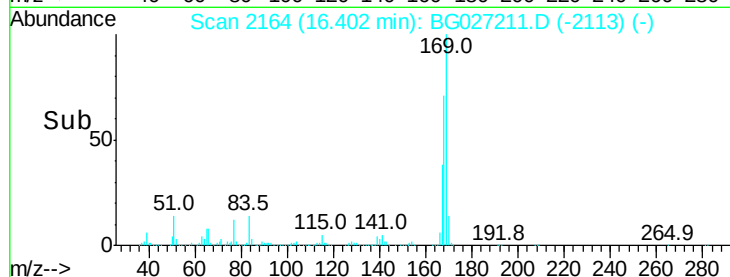
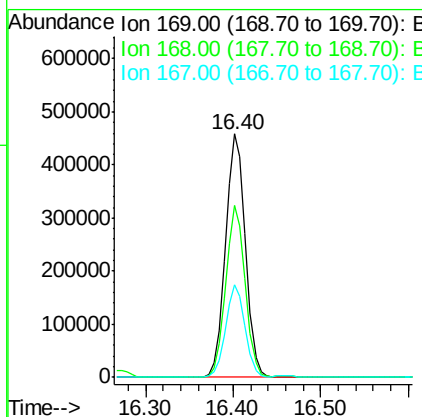
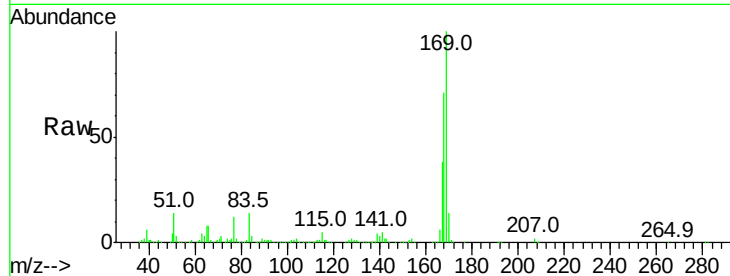
#65
n-Nitrosodiphenylamine
Concen: 61.49 ng
RT: 16.40 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		714017		
168	70.5	55.7		83.5	
167	37.8	29.8		44.6	

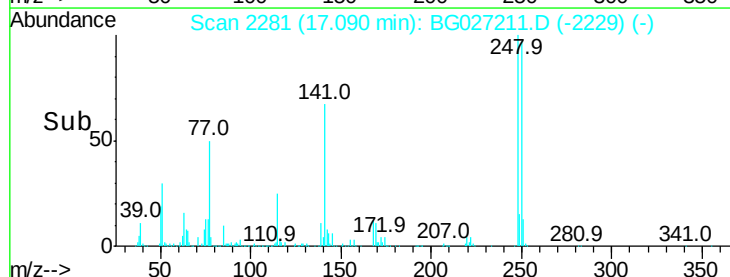
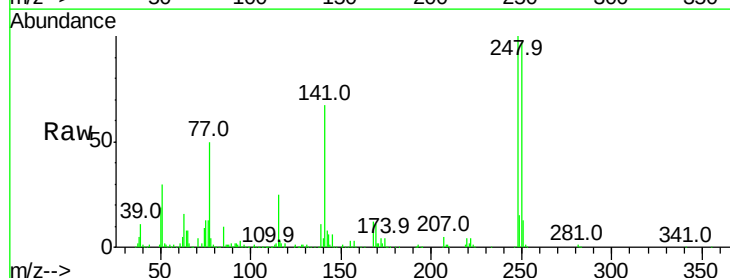
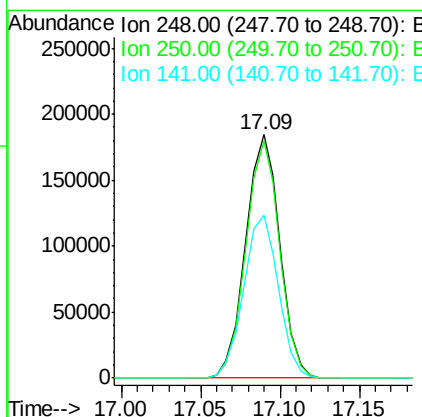
Manual Integrations
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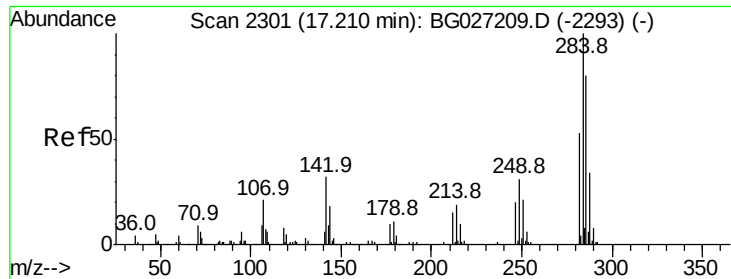
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 63.67 ng
RT: 17.09 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		275672		
250	97.5	75.0		112.6	
141	66.8	55.2		82.8	





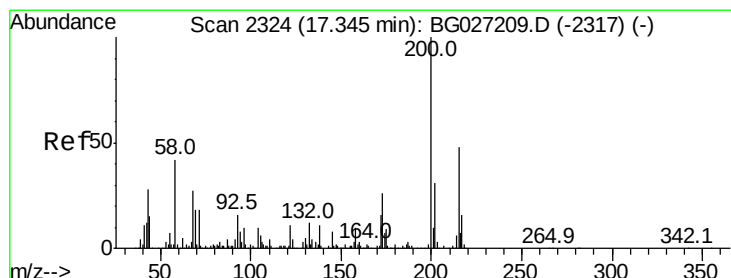
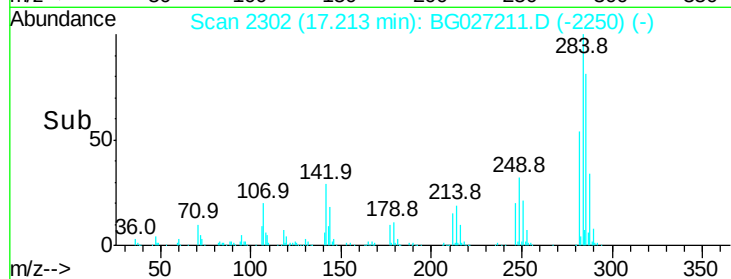
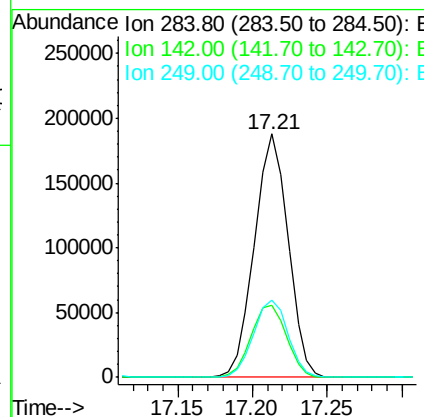
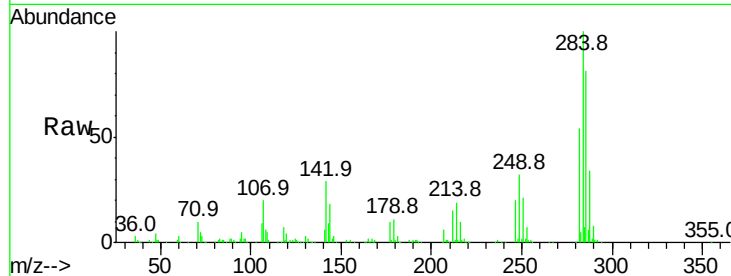
#67
Hexachlorobenzene
Concen: 62.61 ng
RT: 17.21 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100	292784		
142	29.4	29.9	44.9	#
249	31.9	29.2	43.8	

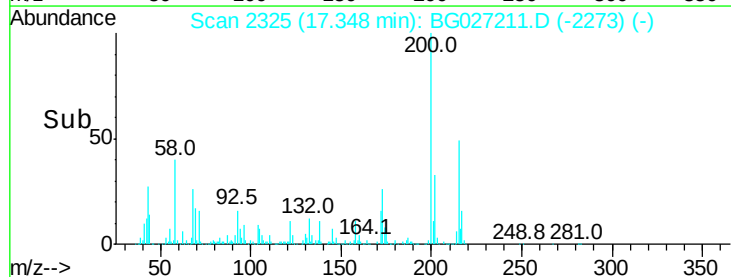
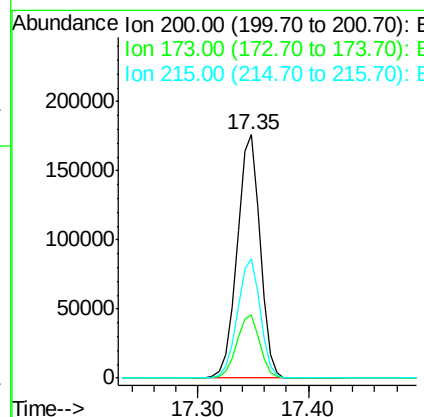
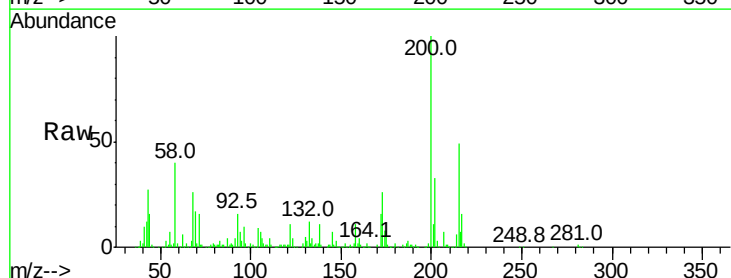
Manual Integrations
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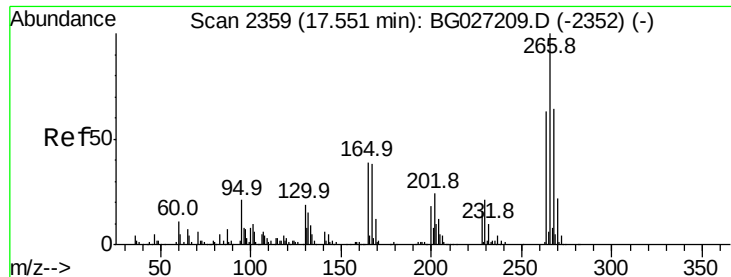
mohammad
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#68
Atrazine
Concen: 68.18 ng
RT: 17.35 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	256535		
173	26.1	3.0	43.0	
215	48.8	28.4	68.4	





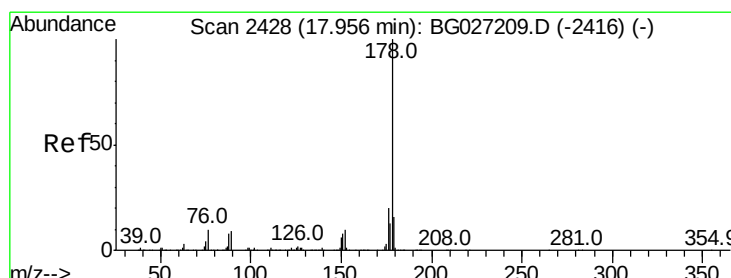
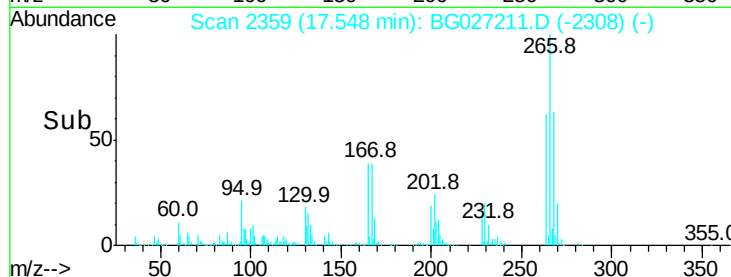
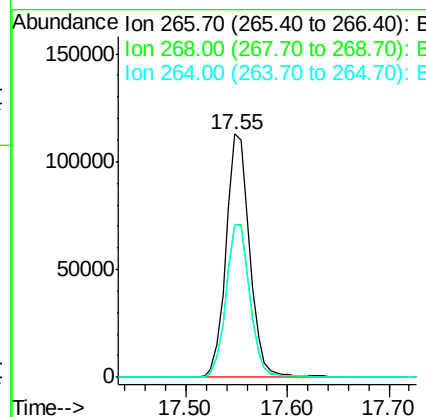
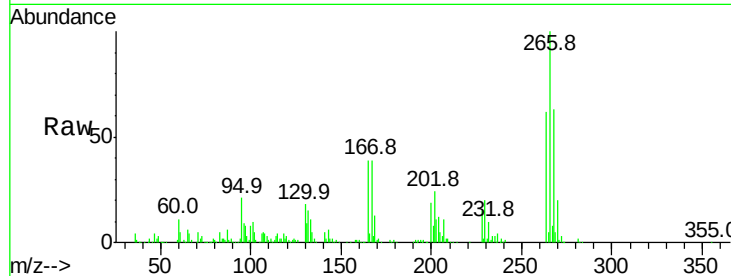
#69
 Pentachlorophenol
 Concen: 74.60 ng
 RT: 17.55 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion:	266	Resp:	182641
Ion Ratio		Lower	Upper
266	100		
268	62.5	48.6	72.8
264	62.5	50.1	75.1

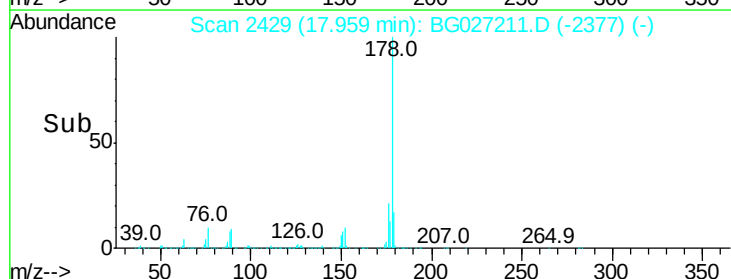
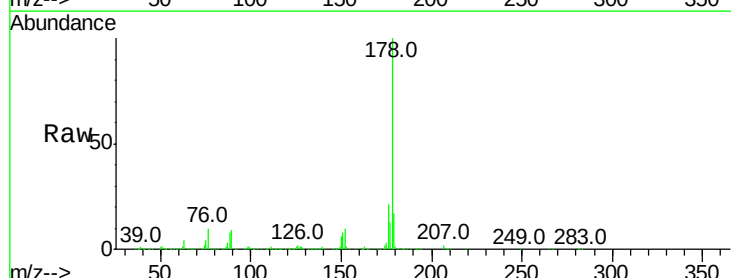
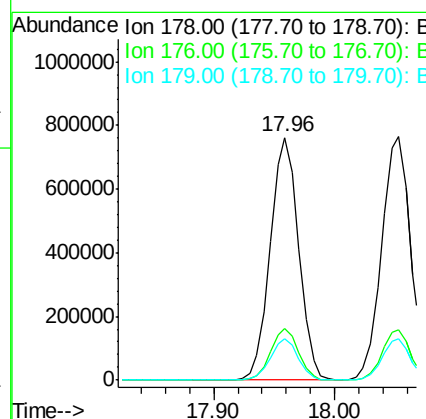
Manual Integrations
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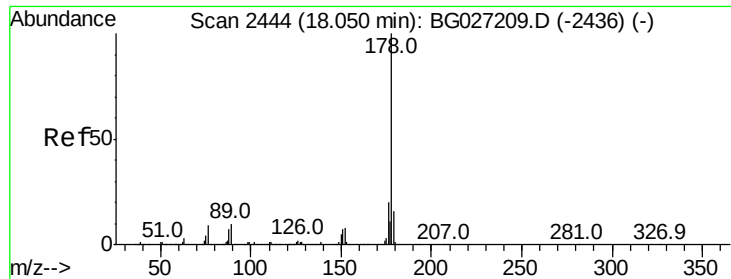
mohammad
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#70
 Phenanthrene
 Concen: 59.05 ng
 RT: 17.96 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion:	178	Resp:	1247553
Ion Ratio		Lower	Upper
178	100		
176	21.4	17.7	26.5
179	16.9	15.0	22.6





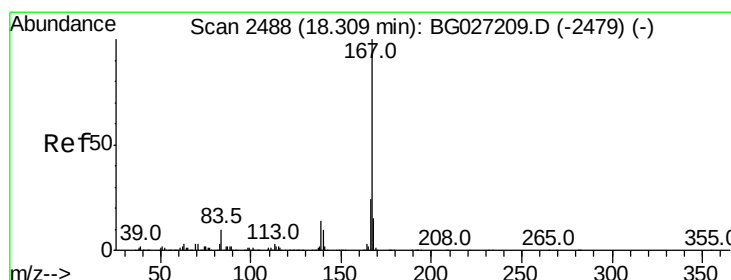
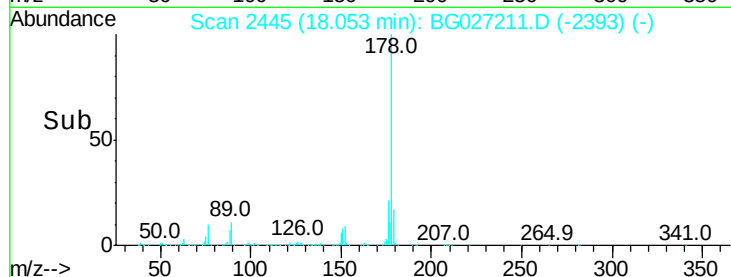
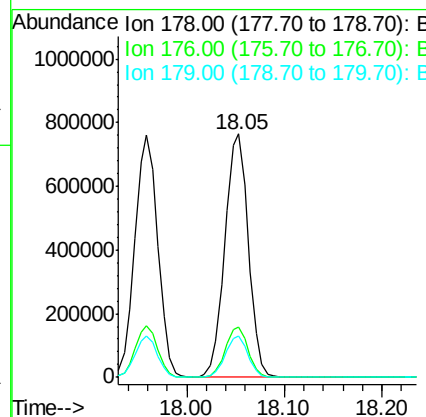
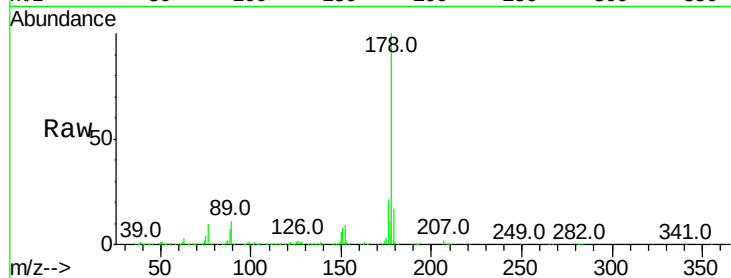
#71
 Anthracene
 Concen: 60.54 ng
 RT: 18.05 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.4	24.6
179	17.1	13.8	20.8

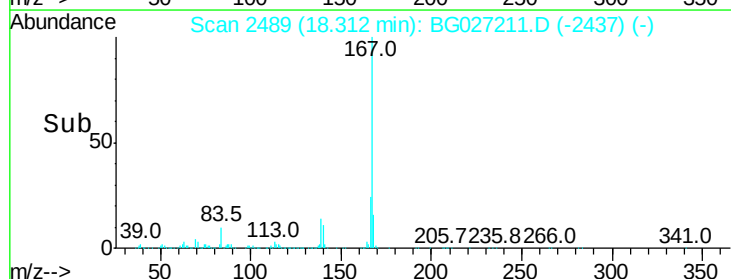
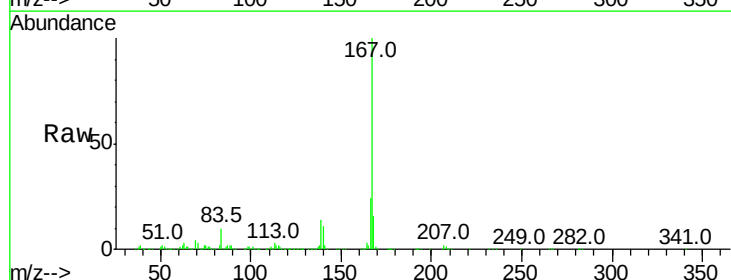
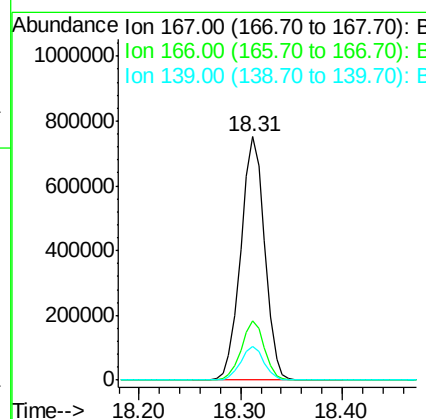
Manual Integrations
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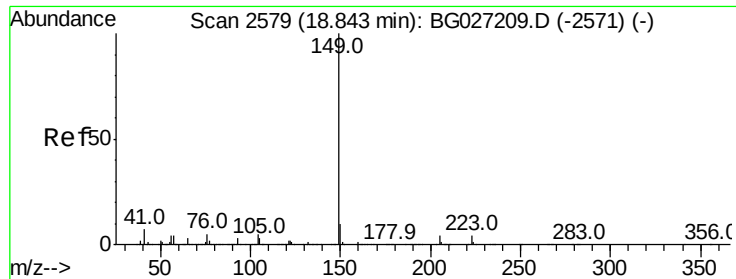
mohammad
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#72
 Carbazole
 Concen: 62.21 ng
 RT: 18.31 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.2	30.2
139	13.7	12.8	19.2





#73

Di-n-butylphthalate

Concen: 68.26 ng

RT: 18.85 min Scan# 2580

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1264361

Ion Ratio Lower Upper

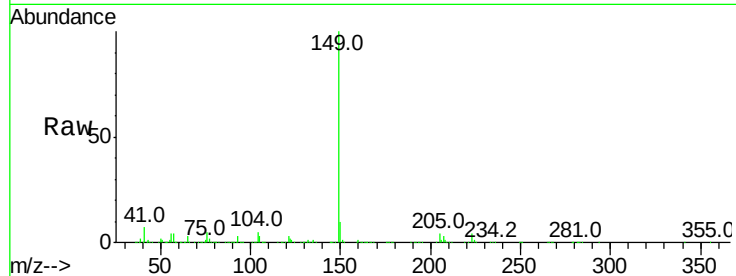
149 100

150 10.0 9.1 13.7

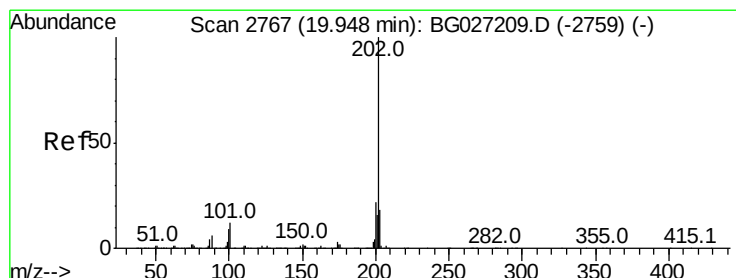
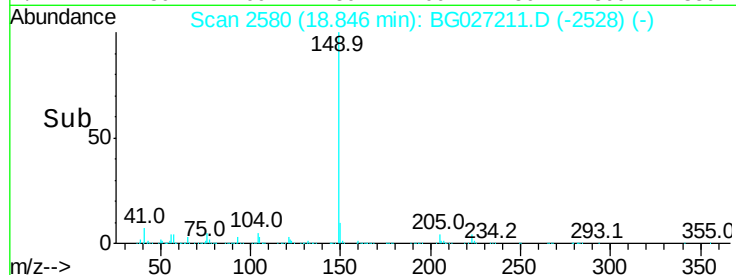
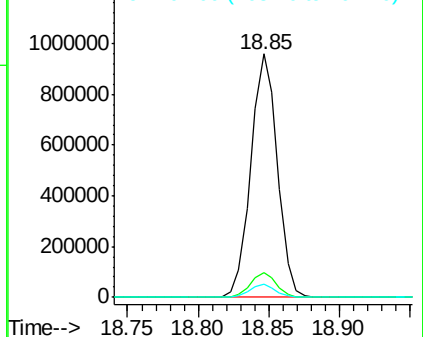
104 5.2 6.7 10.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 62.66 ng

RT: 19.95 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

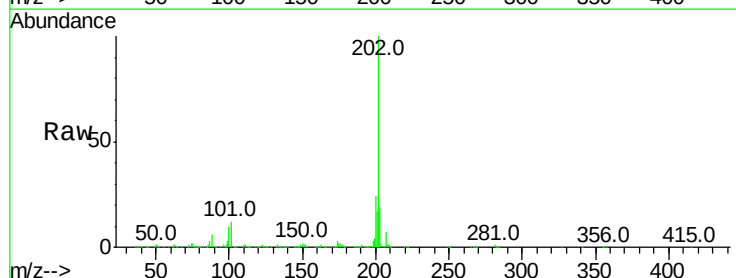
Tgt Ion:202 Resp: 1390564

Ion Ratio Lower Upper

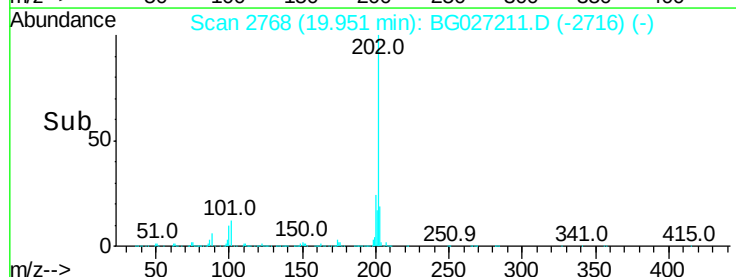
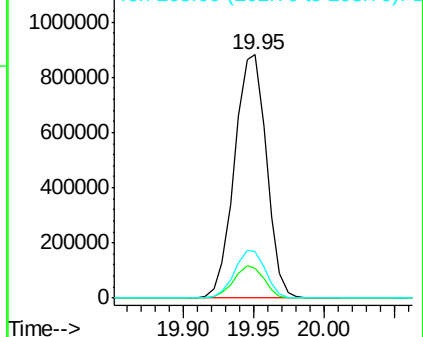
202 100

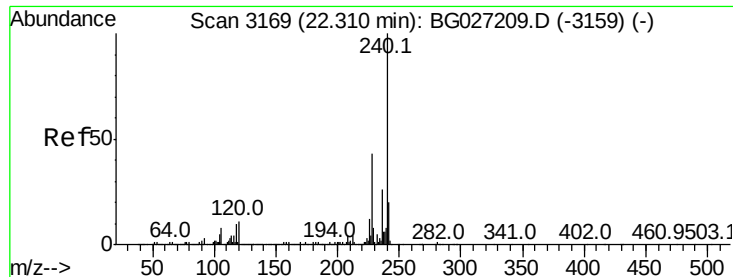
101 12.5 0.0 30.1

203 19.3 1.3 41.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.31 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

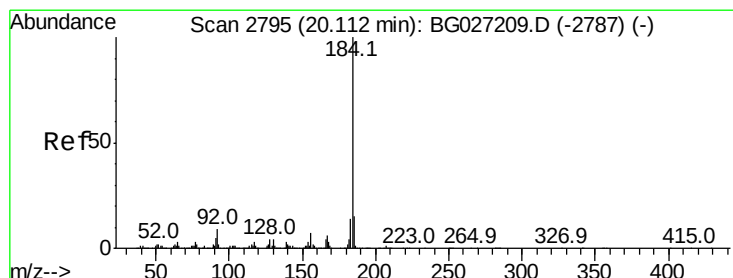
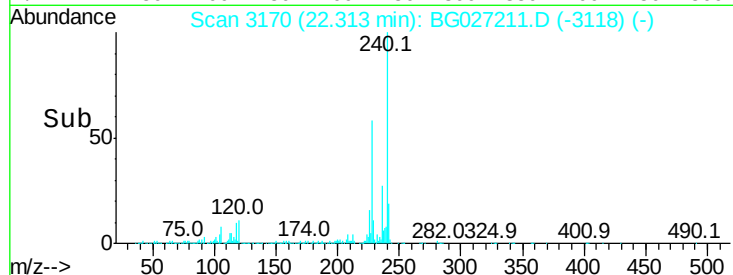
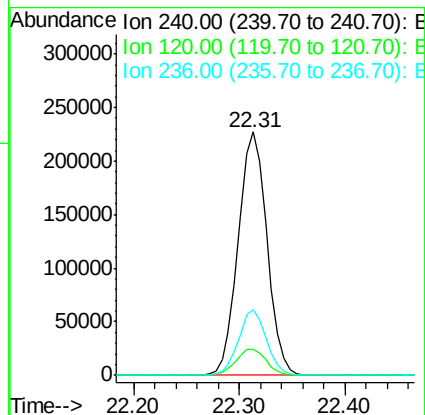
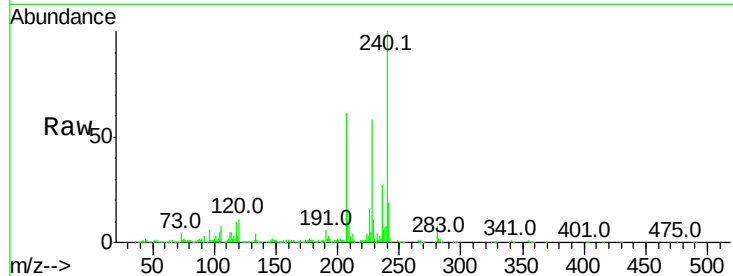
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	27.0	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 68.63 ng

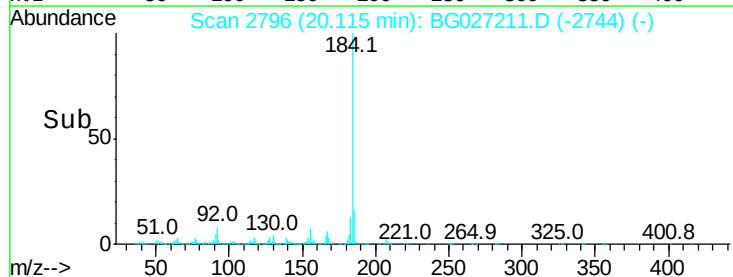
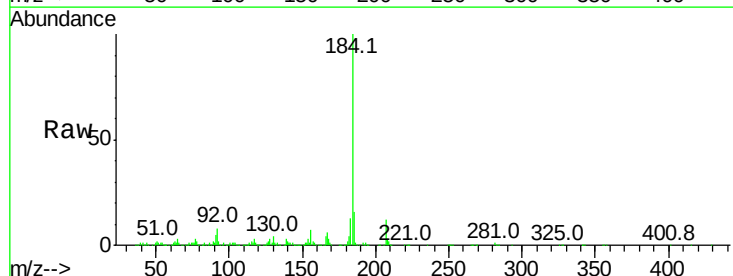
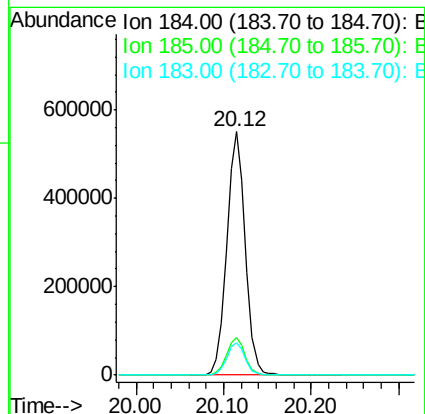
RT: 20.12 min Scan# 2796

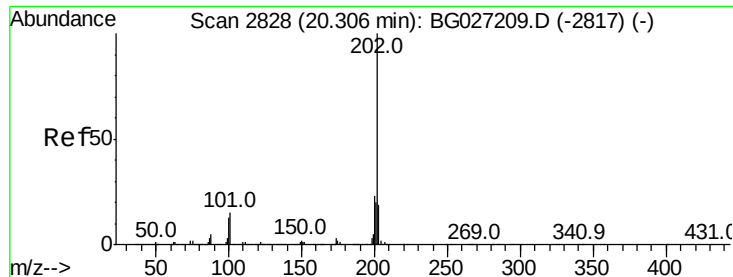
Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.0	19.6
183	13.5	11.0	16.6





#77

Pvrene

Concen: 54.29 ng

RT: 20.31 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

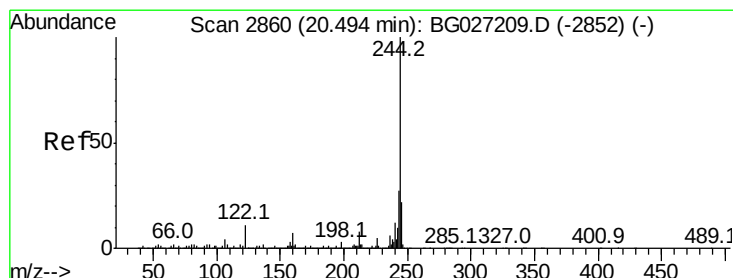
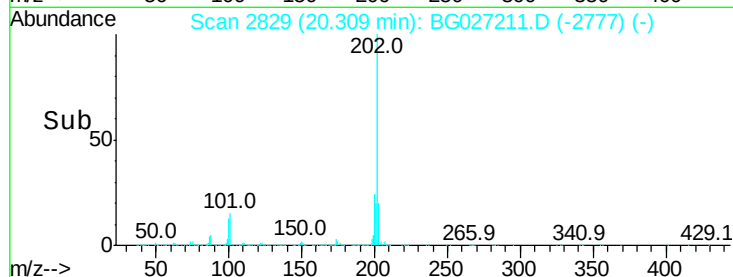
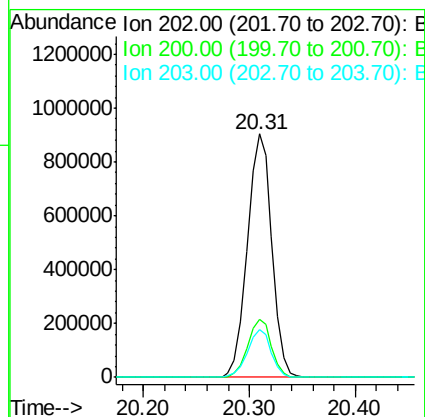
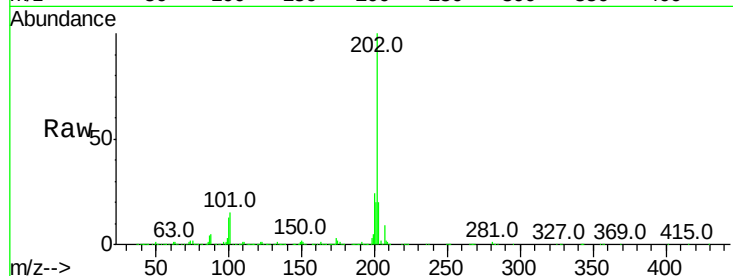
ClientSampleId :

SSTDICC060

Tot Ion:	202	Resp:	1447191
Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.6	29.4
203	19.8	15.8	23.8

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#78

Terphenyl-d14

Concen: 55.31 ng

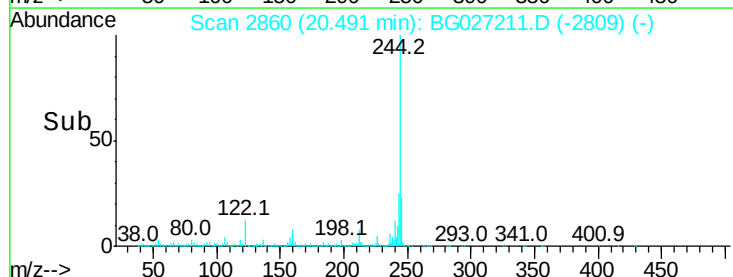
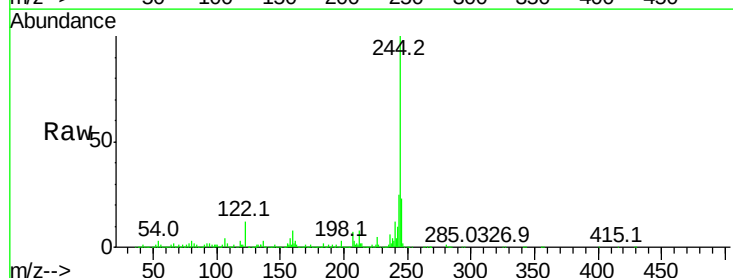
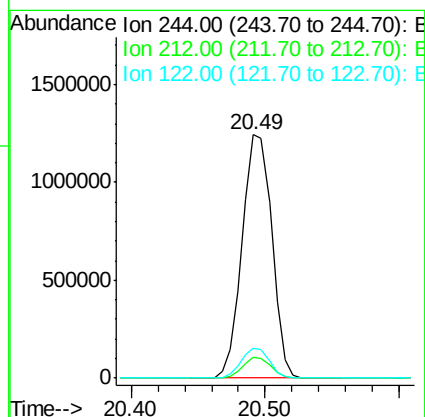
RT: 20.49 min Scan# 2860

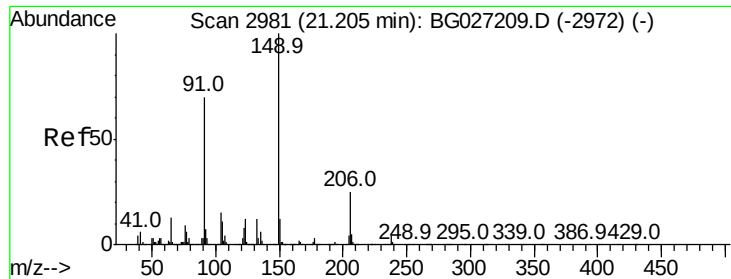
Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion:	244	Resp:	1907135
Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	12.1	8.6	12.8





#79

Butylbenzylphthalate

Concen: 64.13 ng

RT: 21.20 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

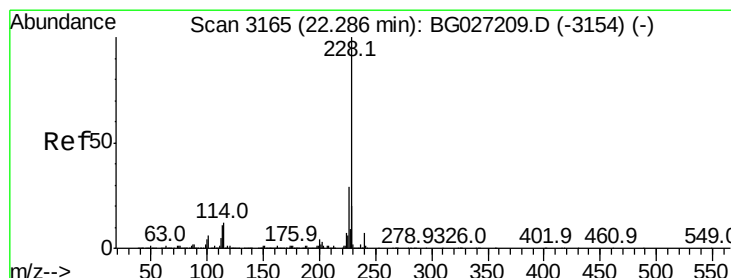
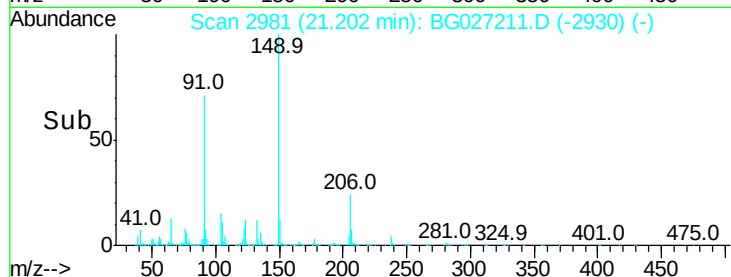
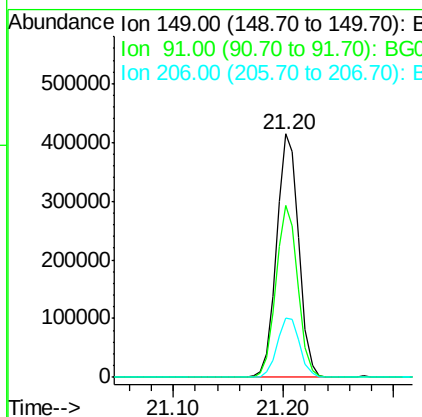
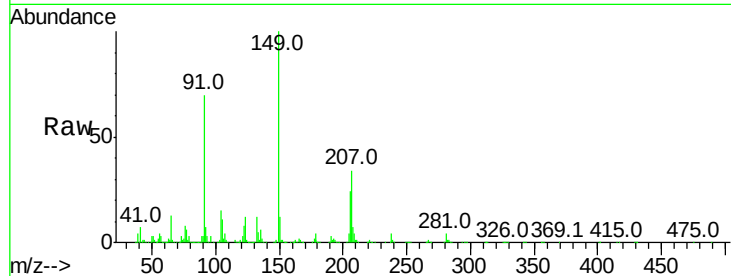
ClientSampleId :

SSTDICC060

Tot Ion:	149	Resp:	573003
Ion Ratio	Lower	Upper	
149	100		
91	70.5	63.5	95.3
206	24.4	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 60.20 ng

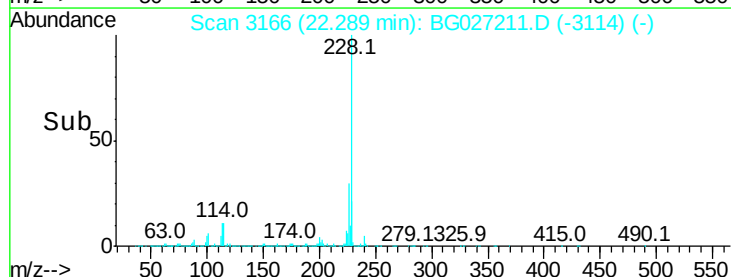
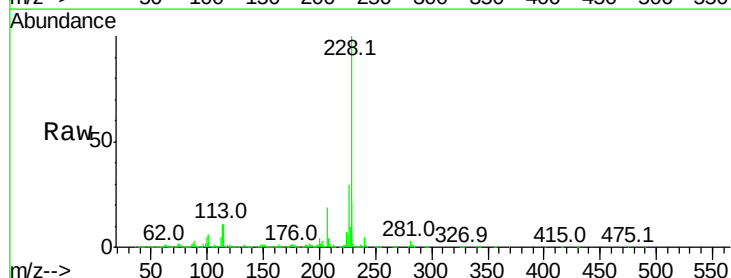
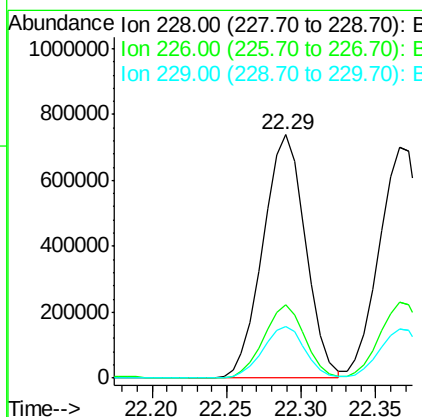
RT: 22.29 min Scan# 3166

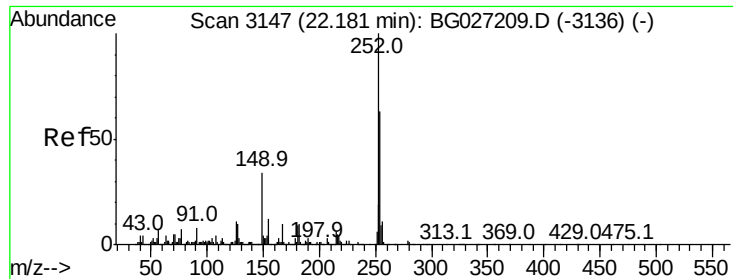
Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Tgt Ion:	228	Resp:	1465752
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	21.3	18.2	27.2





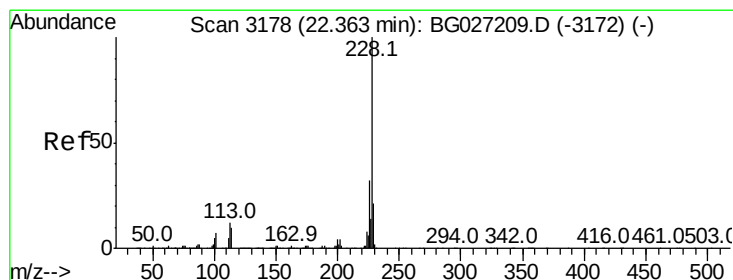
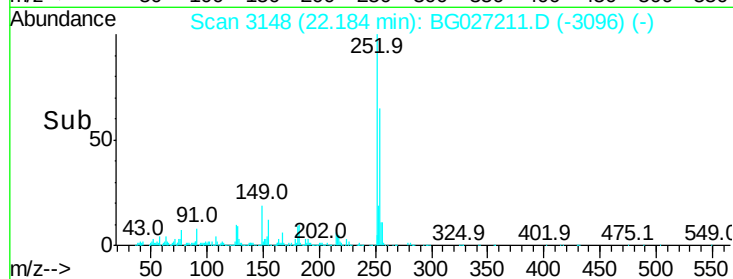
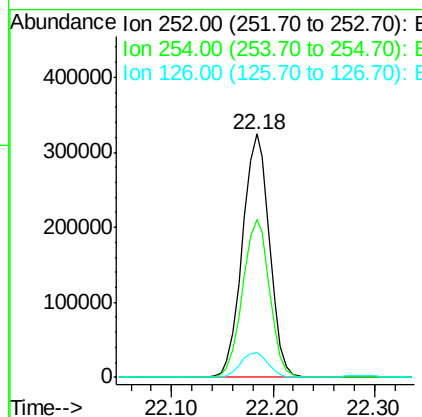
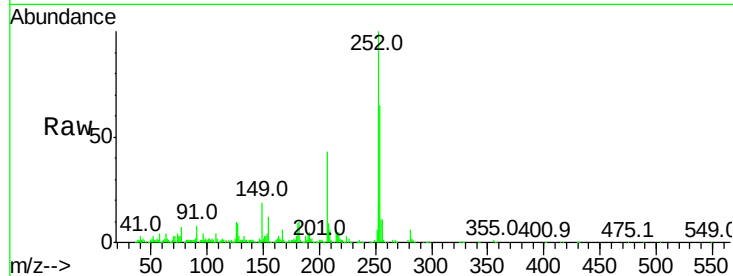
#81
 3,3'-Dichlorobenzidine
 Concen: 64.04 ng
 RT: 22.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.1	79.7
126	10.1	7.0	10.4

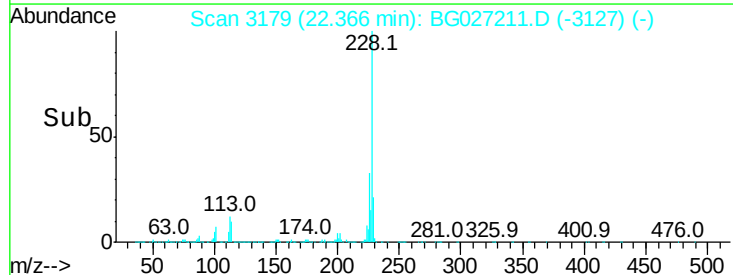
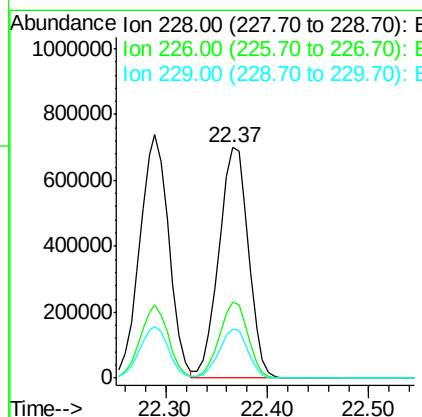
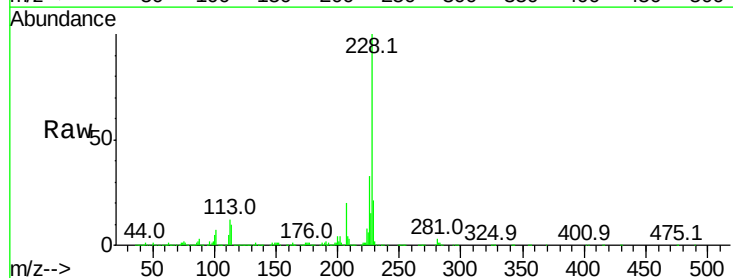
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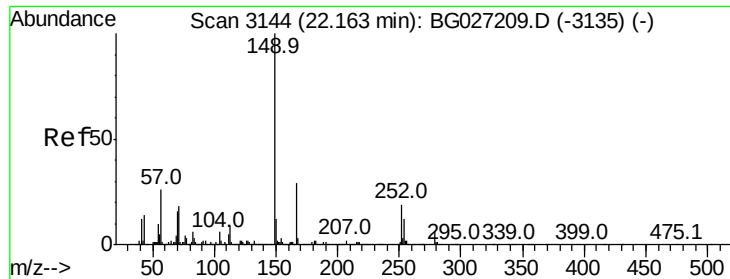
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#82
 Chrysene
 Concen: 60.22 ng
 RT: 22.37 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	27.0	40.4
229	21.3	17.8	26.6





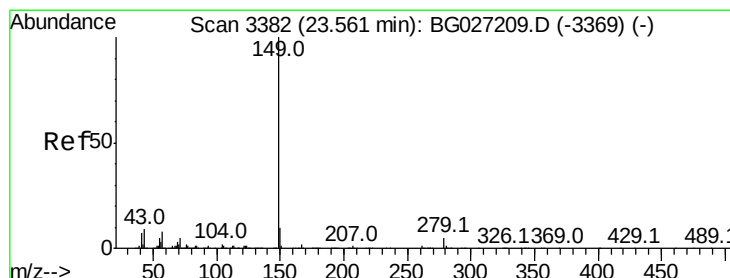
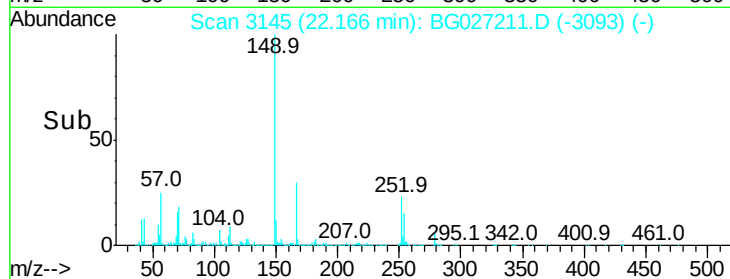
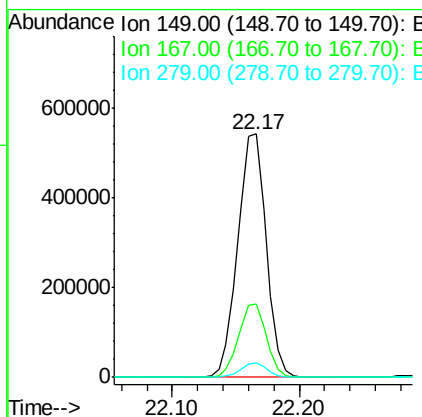
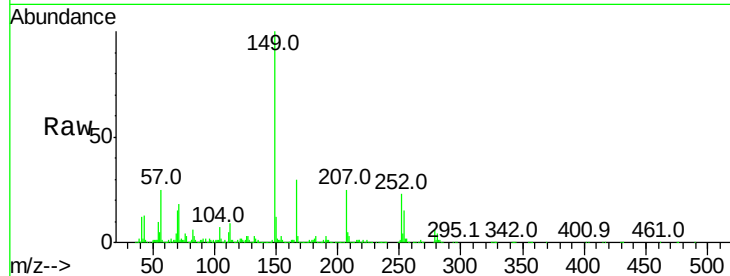
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.23 ng
 RT: 22.17 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.7	35.5
279	6.0	4.6	6.8

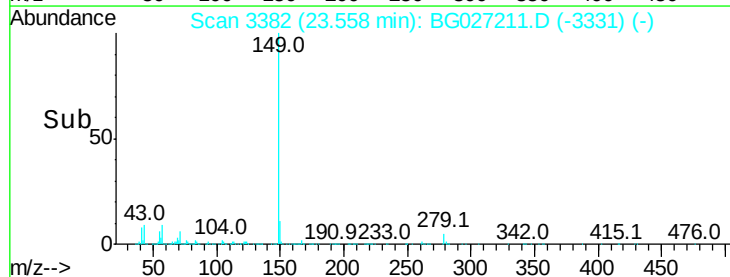
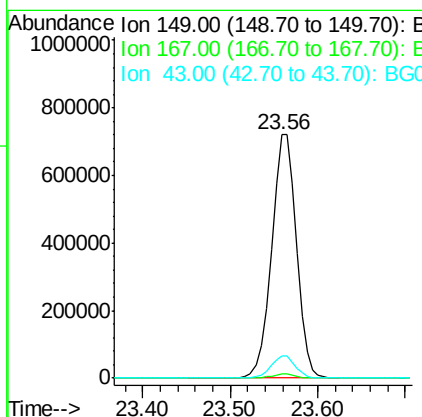
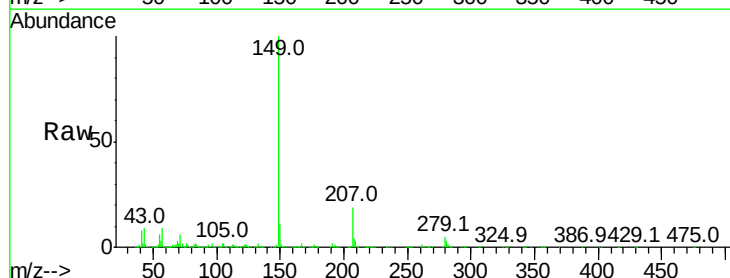
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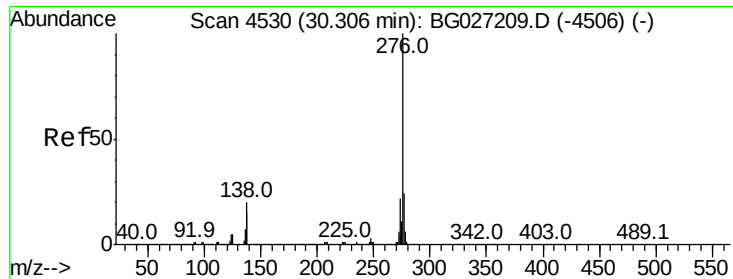
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#84
 Di-n-octyl phthalate
 Concen: 62.23 ng
 RT: 23.56 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.0	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.37 ng

RT: 30.32 min Scan# 4533

Delta R.T. 0.01 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:276 Resp: 1741799

Ion Ratio Lower Upper

276 100

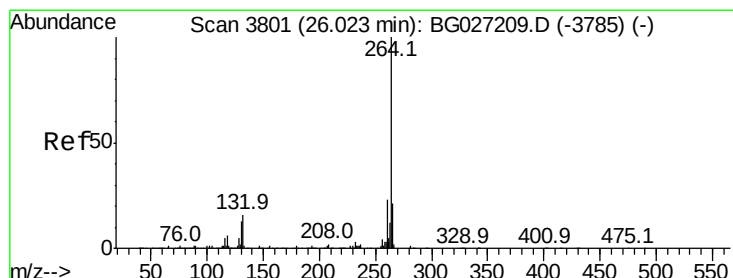
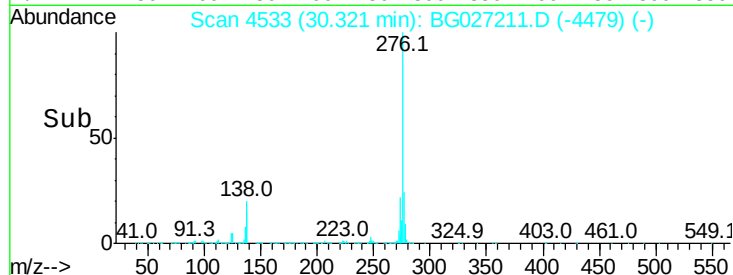
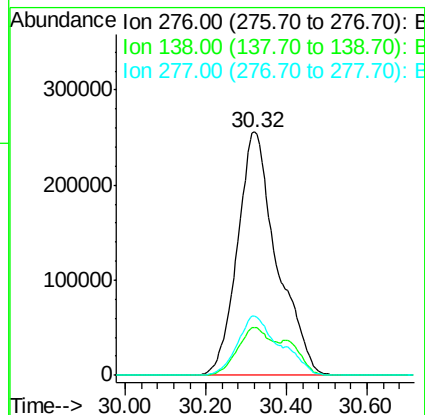
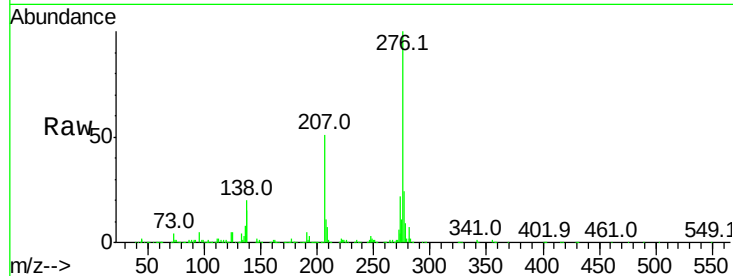
138 18.0 4.7 7.1#

277 26.4 20.6 31.0

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#86

Perylene-d12

Concen: 20.00 ng

RT: 26.03 min Scan# 3802

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

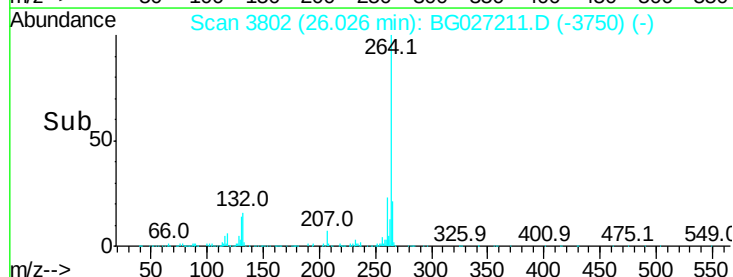
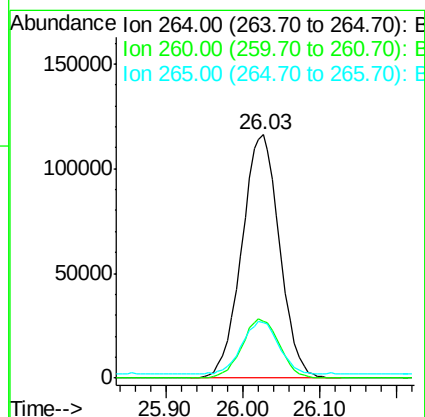
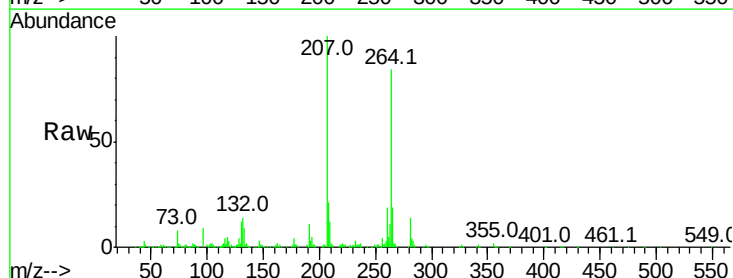
Tgt Ion:264 Resp: 397549

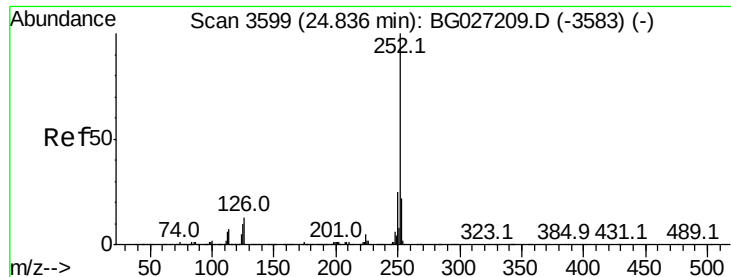
Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 22.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 63.14 ng

RT: 24.84 min Scan# 3600

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:252 Resp: 1539488

Ion Ratio Lower Upper

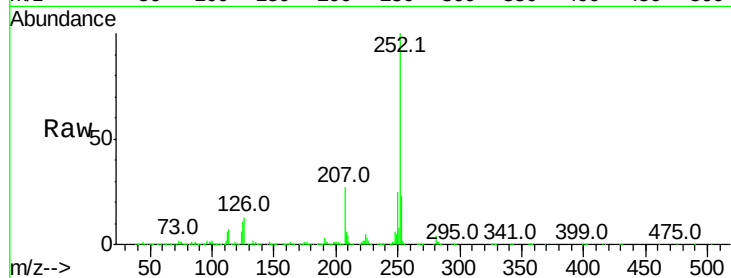
252 100

253 23.3 18.7 28.1

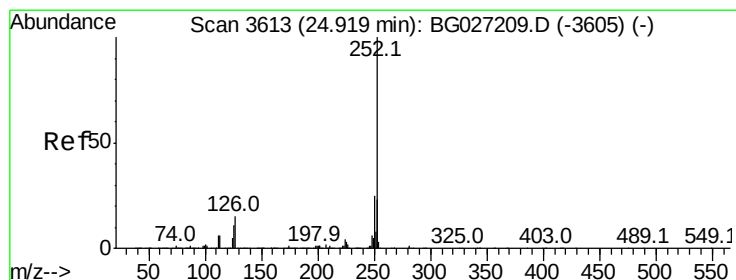
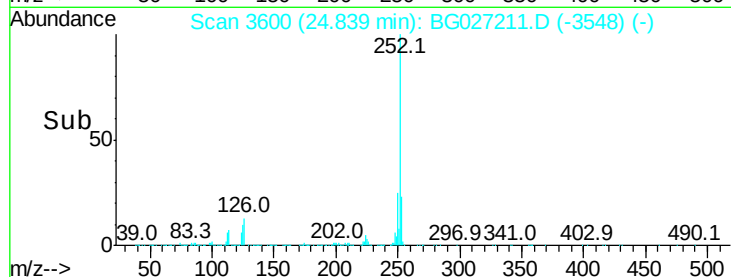
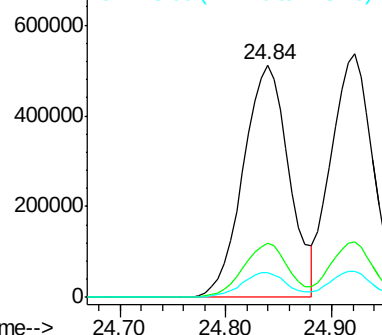
125 10.5 5.3 7.9#

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



#88

Benzo(k)fluoranthene

Concen: 61.05 ng

RT: 24.92 min Scan# 3614

Delta R.T. 0.00 min

Lab File: BG027211.D

Acq: 5 Jun 2017 14:00

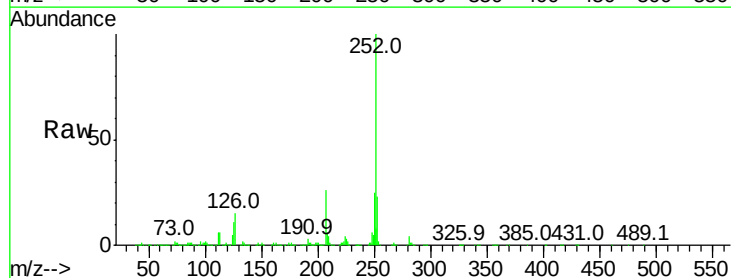
Tgt Ion:252 Resp: 1464193

Ion Ratio Lower Upper

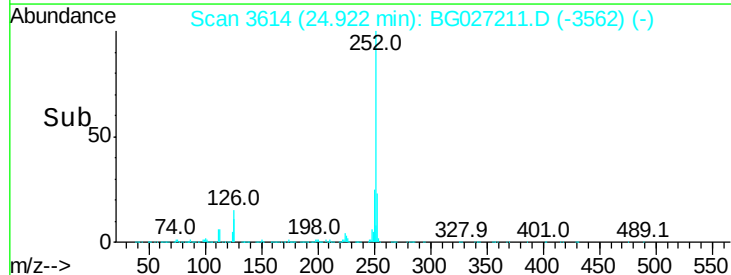
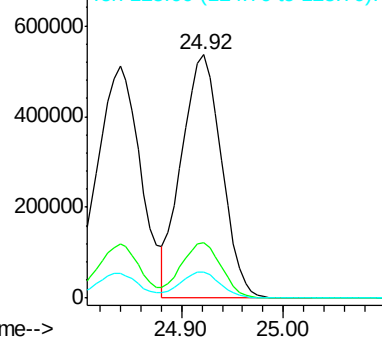
252 100

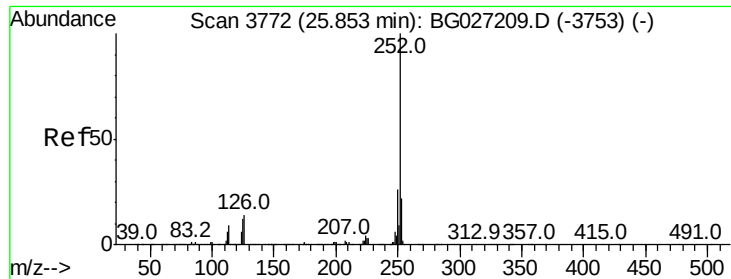
253 22.7 20.2 30.2

125 10.9 5.1 7.7#



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





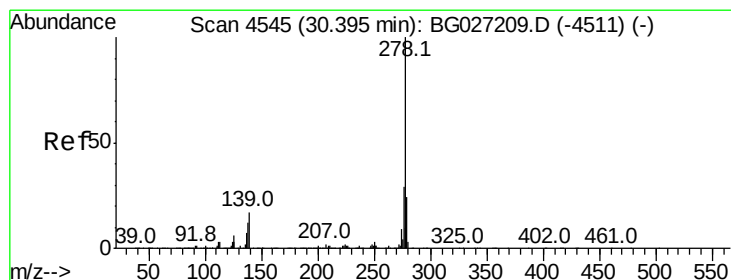
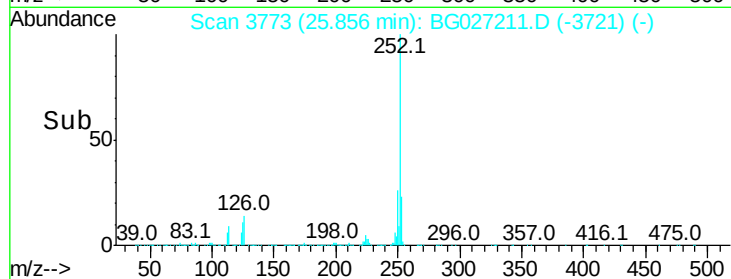
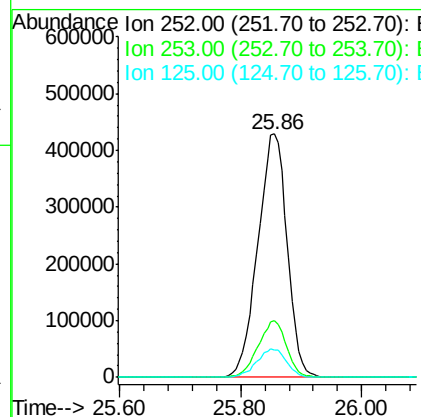
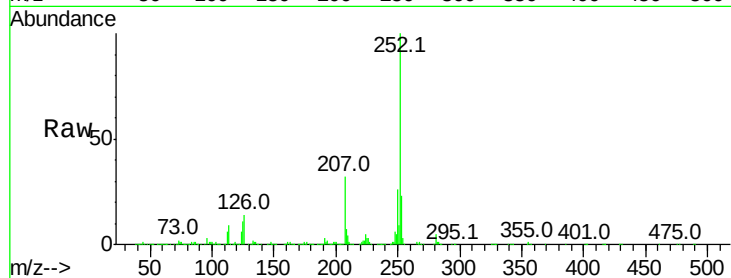
#89
Benzo(a)pyrene
Concen: 62.92 ng
RT: 25.86 min Scan# 3773
Delta R.T. 0.00 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	11.5	5.4	8.0

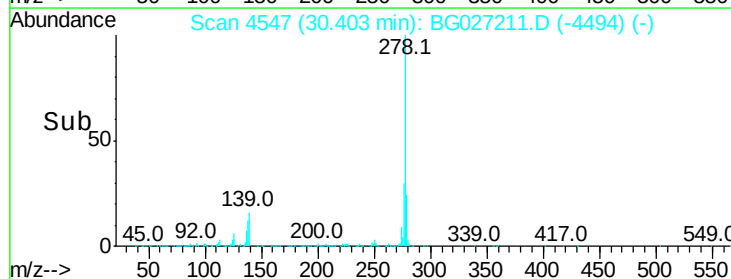
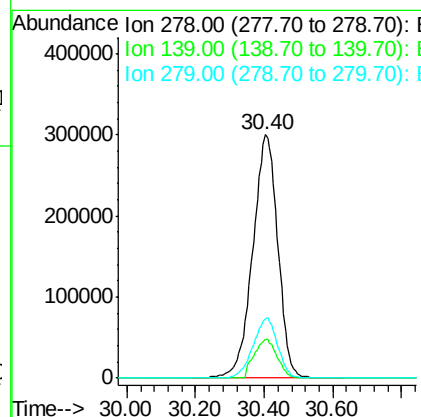
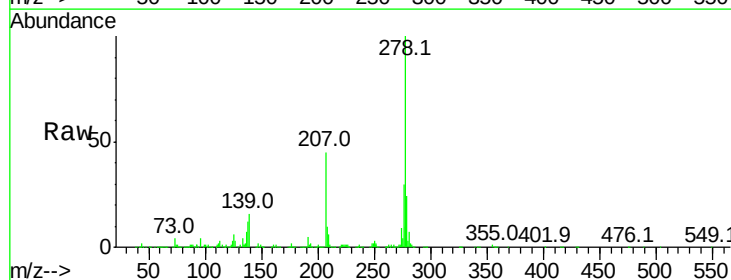
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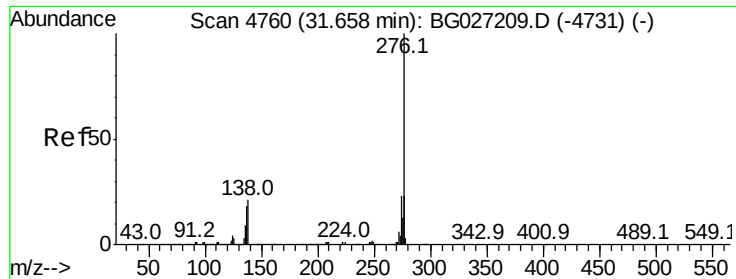
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#90
Dibenzo(a,h)anthracene
Concen: 64.05 ng
RT: 30.40 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BG027211.D
Acq: 5 Jun 2017 14:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	7.7	11.5
279	24.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 62.93 ng
 RT: 31.67 min Scan# 4763
 Delta R.T. 0.01 min
 Lab File: BG027211.D
 Acq: 5 Jun 2017 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	21.1	8.1	12.1

Manual Integrations
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