

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027895.D
 Acq On : 10 Jul 2017 20:08
 Operator : SJ/JU
 Sample : I4071-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Manual Integrations
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mohammad
 7/11/2017 3:34:40 PM

Quant Time: Jul 11 13:16:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	44418	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	210804	20.00	ng	-0.02
38) Acenaphthene-d10	15.02	164	138158	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	314298	20.00	ng	0.00
75) Chrysene-d12	22.11	240	354067	20.00	ng	-0.02
86) Perylene-d12	25.67	264	314883	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.00	112	364059	126.21	ng	0.00
7) Phenol-d6	7.57	99	483025	109.61	ng	0.00
23) Nitrobenzene-d5	9.58	82	288554	76.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	312558	164.94	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	831905	86.00	ng	-0.02
78) Terphenyl-d14	20.34	244	1303593	86.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	35897	33.426	ng	# 70
3) Pyridine	4.38	79	94262	28.506	ng	# 61
4) n-Nitrosodimethylamine	4.26	42	33063	20.389	ng	# 1
6) Aniline	7.77	93	39907	7.813	ng	# 88
8) 2-Chlorophenol	7.99	128	141112	43.780	ng	# 79
9) Benzaldehyde	7.56	77	72465	27.636	ng	# 72
10) Phenol	7.59	94	162638	37.305	ng	# 65
11) bis(2-Chloroethyl)ether	7.82	93	196708	59.400	ng	# 68
12) 1,3-Dichlorobenzene	8.31	146	117764	34.349	ng	# 88
13) 1,4-Dichlorobenzene	8.45	146	120365	33.882	ng	93
14) 1,2-Dichlorobenzene	8.78	146	121188	35.183	ng	90
15) Benzyl Alcohol	8.65	79	84727	27.794	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.93	45	146288	20.711	ng	81
17) 2-Methylphenol	8.85	107	122739	39.794	ng	# 81
18) Hexachloroethane	9.50	117	39827	31.871	ng	# 83
19) n-Nitroso-di-n-propylamine	9.21	70	105678	32.964	ng	# 70
20) 3+4-Methylphenols	9.18	107	173862	39.088	ng	85
22) Acetophenone	9.24	105	206367	40.568	ng	# 73
24) Nitrobenzene	9.63	77	143868	36.387	ng	# 76
25) Isophorone	10.14	82	313338	38.011	ng	# 91
26) 2-Nitrophenol	10.34	139	75927	42.514	ng	# 63
27) 2,4-Dimethylphenol	10.38	122	154883	46.303	ng	85
28) bis(2-Chloroethoxy)methane	10.61	93	189761	40.603	ng	# 96
29) 2,4-Dichlorophenol	10.89	162	140444	47.909	ng	95
30) 1,2,4-Trichlorobenzene	11.09	180	120289	40.234	ng	97
31) Naphthalene	11.28	128	446534	39.832	ng	98
32) Benzoic acid	10.51	122	56390	31.351	ng	# 76
33) 4-Chloroaniline	11.46	127	40994	8.464	ng	# 83
34) Hexachlorobutadiene	11.56	225	60151	36.108	ng	97
35) Caprolactam	12.18	113	47568m	32.262	ng	
36) 4-Chloro-3-methylphenol	12.48	107	169178	41.013	ng	# 80
37) 2-Methylnaphthalene	12.86	142	349897	41.904	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	156133	43.006	ng	98
40) Hexachlorocyclopentadiene	13.19	237	156304	91.314	ng	93

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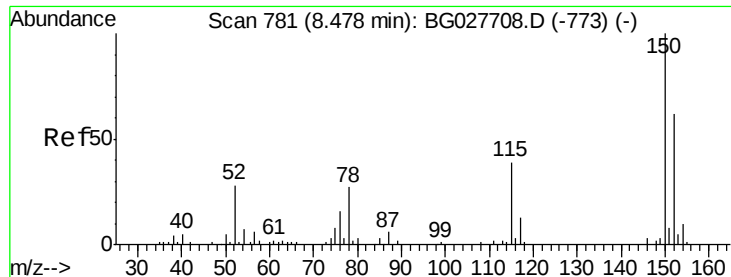
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.45	196	119011	45.387	ng	94
43) 2,4,5-Trichlorophenol	13.54	196	131649	44.310	ng	# 90
45) 1,1'-Biphenyl	13.85	154	475188	42.911	ng	98
46) 2-Chloronaphthalene	13.90	162	349334	41.759	ng	96
47) 2-Nitroaniline	14.10	65	107335	32.055	ng	# 53
48) Acenaphthylene	14.74	152	611709	40.018	ng	98
49) Dimethylphthalate	14.46	163	498485	42.295	ng	98
50) 2,6-Dinitrotoluene	14.58	165	110352	43.072	ng	# 62
51) Acenaphthene	15.08	154	387729	39.576	ng	96
52) 3-Nitroaniline	14.92	138	71580	23.748	ng	# 73
53) 2,4-Dinitrophenol	15.12	184	124719	87.768	ng	# 72
54) Dibenzofuran	15.41	168	595770	45.989	ng	90
55) 4-Nitrophenol	15.22	139	155674	67.660	ng	# 37
56) 2,4-Dinitrotoluene	15.37	165	152504	42.676	ng	# 72
57) Fluorene	16.06	166	536742	42.732	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.64	232	121279	47.353	ng	# 96
59) Diethylphthalate	15.81	149	522604	40.045	ng	98
60) 4-Chlorophenyl-phenylether	16.04	204	244182	43.915	ng	93
61) 4-Nitroaniline	16.08	138	123737	39.405	ng	# 49
62) Azobenzene	16.33	77	455053	39.681	ng	81
64) 4,6-Dinitro-2-methylphenol	16.13	198	79843	41.625	ng	81
65) n-Nitrosodiphenylamine	16.26	169	463925	45.376	ng	99
66) 4-Bromophenyl-phenylether	16.94	248	161733	49.200	ng	98
67) Hexachlorobenzene	17.07	284	181956	52.266	ng	# 85
68) Atrazine	17.20	200	129742	40.194	ng	96
69) Pentachlorophenol	17.41	266	188573	84.468	ng	97
70) Phenanthrene	17.81	178	816163	44.981	ng	95
71) Anthracene	17.89	178	809455	44.178	ng	96
72) Carbazole	18.16	167	692504	38.377	ng	# 93
73) Di-n-butylphthalate	18.69	149	791532	39.917	ng	# 92
74) Fluoranthene	19.80	202	832907	42.002	ng	92
76) Benzidine	19.97	184	200194	25.378	ng	97
77) Pyrene	20.16	202	851791	38.334	ng	96
79) Butylbenzylphthalate	21.03	149	379177	37.889	ng	86
80) Benzo(a)anthracene	22.09	228	866214	40.465	ng	95
81) 3,3'-Dichlorobenzidine	21.99	252	206098	26.527	ng	# 98
82) Chrysene	22.17	228	809124	40.326	ng	96
83) Bis(2-ethylhexyl)phthalate	21.94	149	550943	37.673	ng	# 99
84) Di-n-octyl phthalate	23.27	149	946385	39.170	ng	# 82
85) Indeno(1,2,3-cd)pyrene	29.77	276	1042644	45.466	ng	# 86
87) Benzo(b)fluoranthene	24.53	252	878251	43.292	ng	# 96
88) Benzo(k)fluoranthene	24.61	252	880191	43.894	ng	# 92
89) Benzo(a)pyrene	25.50	252	845999	44.443	ng	# 92
90) Dibenzo(a,h)anthracene	29.84	278	897122	46.521	ng	# 92
91) Benzo(g,h,i)perylene	31.06	276	836627	45.142	ng	# 85

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



#1

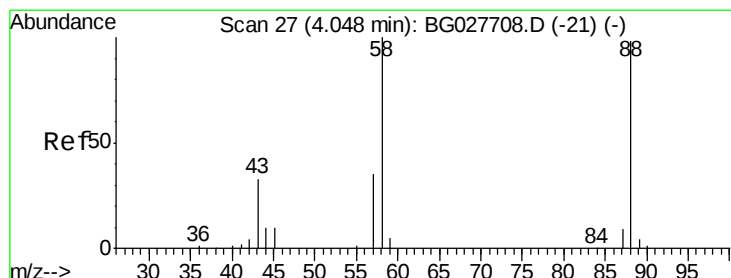
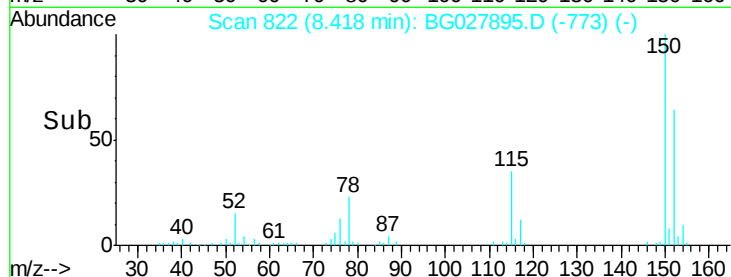
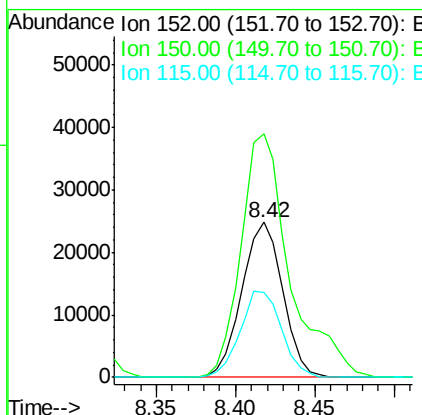
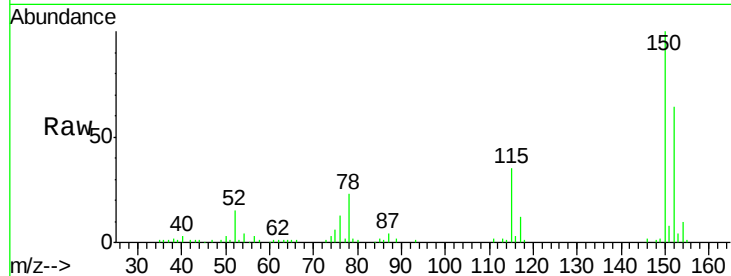
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	114.0	171.0
115	55.2	48.1	72.1

Manual Integrations
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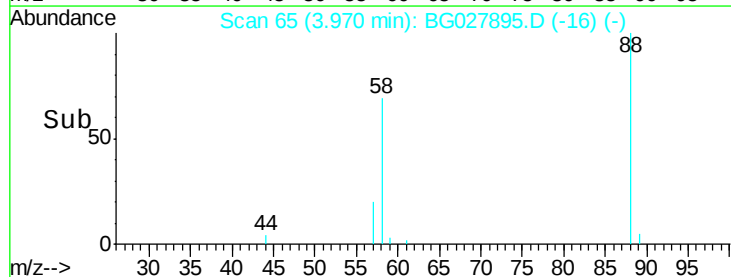
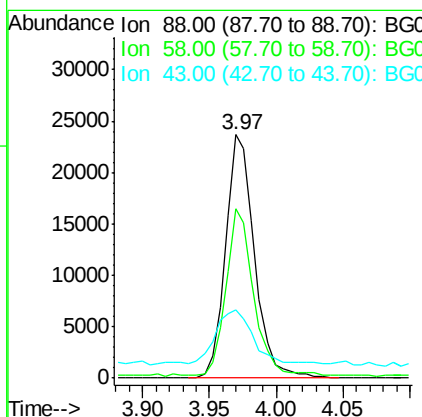
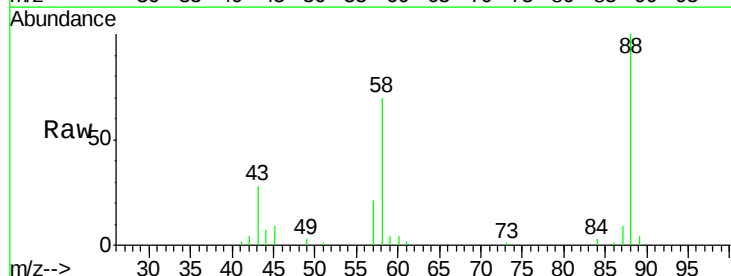
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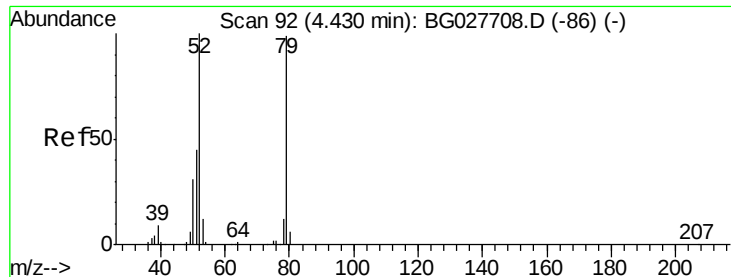


#2

1,4-Dioxane
Concen: 33.426 ng
RT: 3.97 min Scan# 65
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	79.4	119.2#
43	28.2	33.8	50.6#





#3

Pyridine

Concen: 28.506 ng

RT: 4.38 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

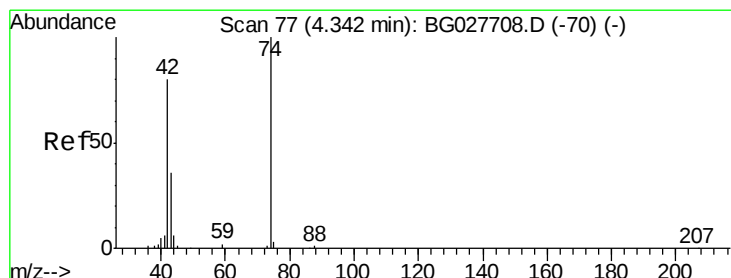
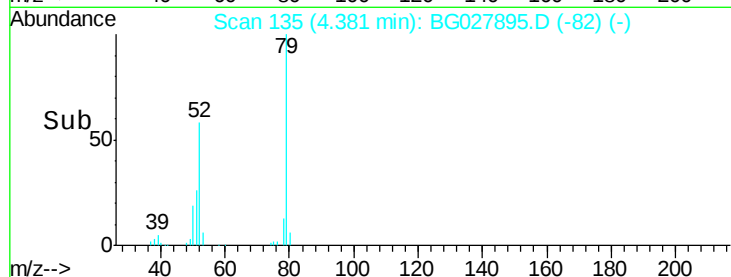
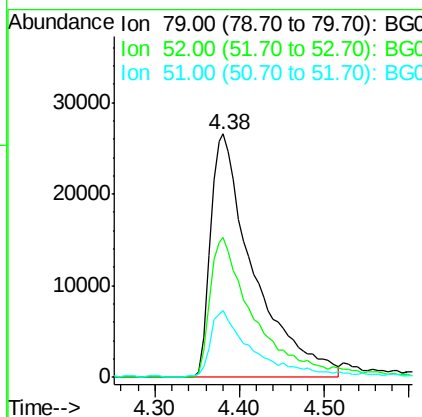
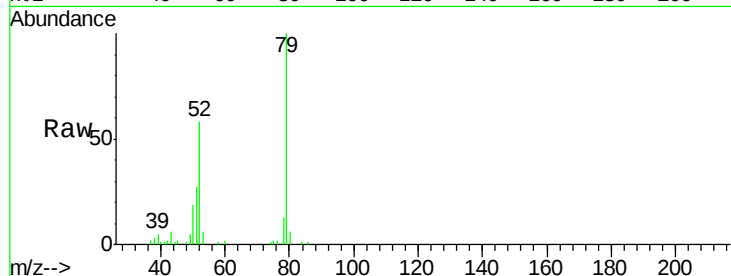
ClientSampleId :

HR-06-070617-AMS

Tgt Ion:	79	Resp:	94262
Ion	Ratio	Lower	Upper
79	100		
52	57.5	77.8	116.6#
51	27.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 20.389 ng

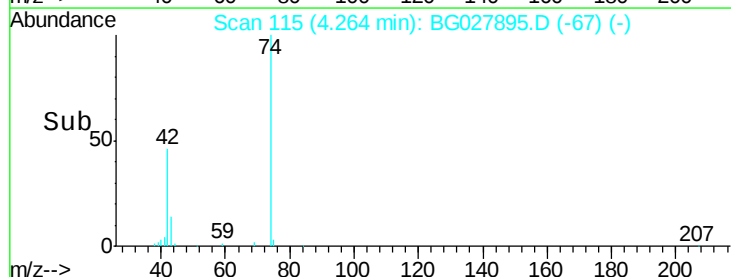
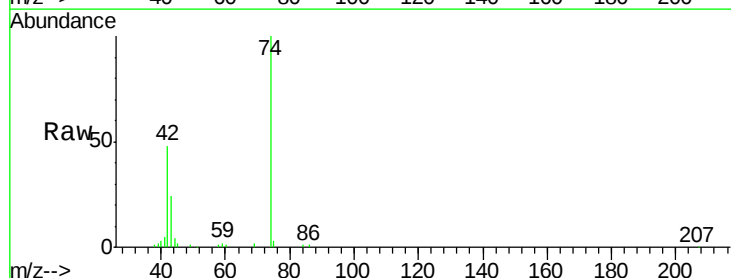
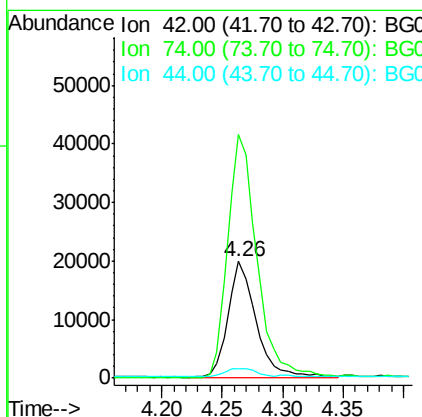
RT: 4.26 min Scan# 115

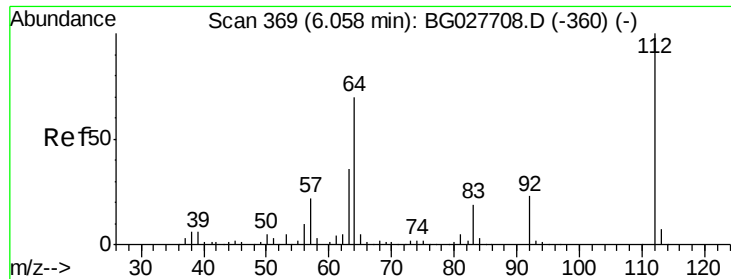
Delta R.T. -0.02 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Tgt Ion:	42	Resp:	33063
Ion	Ratio	Lower	Upper
42	100		
74	209.3	76.7	115.1#
44	8.1	6.1	9.1





#5

2-Fluorophenol

Concen: 126.214 ng

RT: 6.00 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

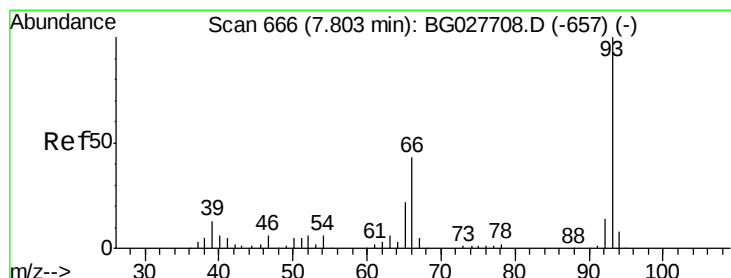
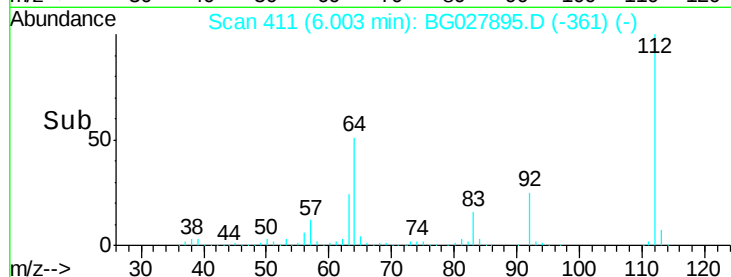
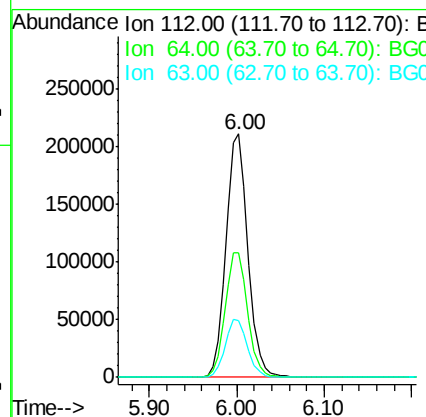
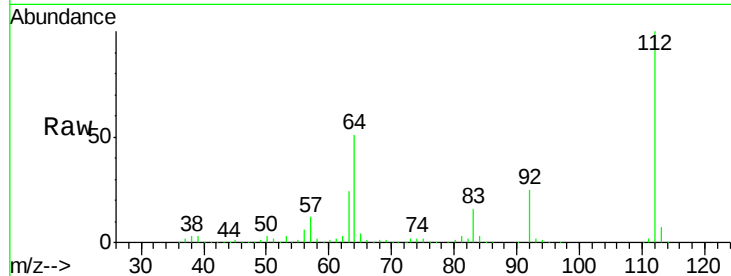
ClientSampleId :

HR-06-070617-AMS

Tgt Ion:	112	Resp:	364059
Ion Ratio	Lower	Upper	
112	100		
64	50.9	61.8	92.6#
63	23.5	37.2	55.8#

Manual Integrations
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#6

Aniline

Concen: 7.813 ng

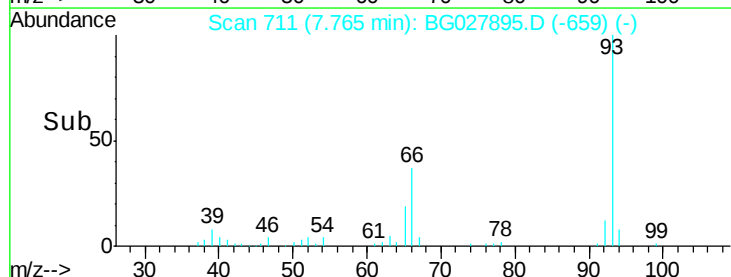
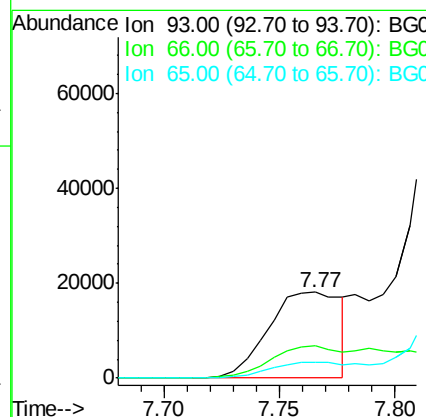
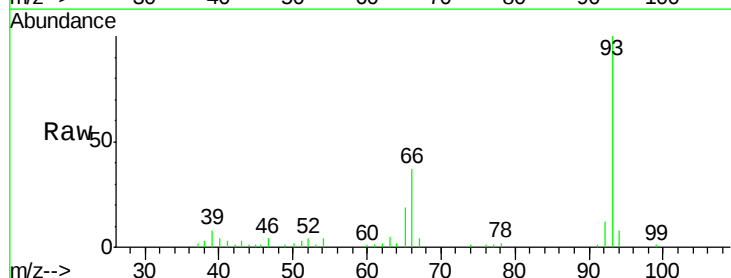
RT: 7.77 min Scan# 711

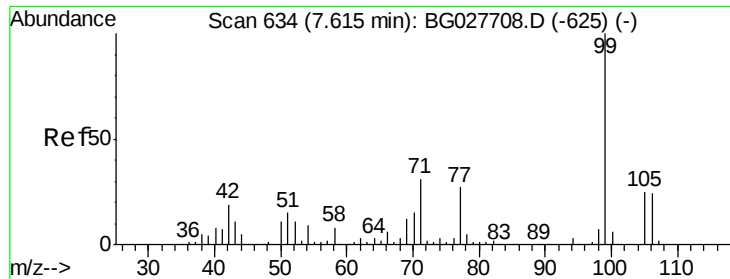
Delta R.T. 0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Tgt Ion:	93	Resp:	39907
Ion Ratio	Lower	Upper	
93	100		
66	37.2	35.4	53.2
65	19.0	21.2	31.8#





#7

Phenol-d6

Concen: 109.615 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-AMS

Tgt Ion: 99 Resp: 483025

Ion Ratio Lower Upper

99 100

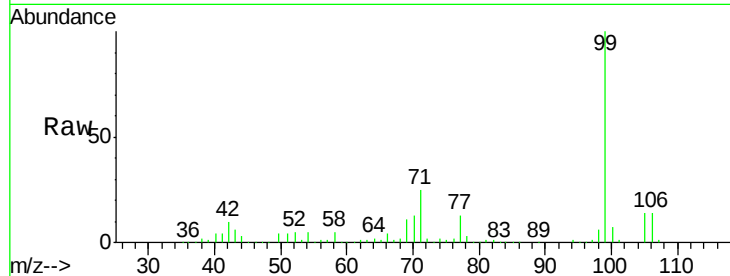
42 10.2 20.5 30.7#

71 25.1 37.6 56.4#

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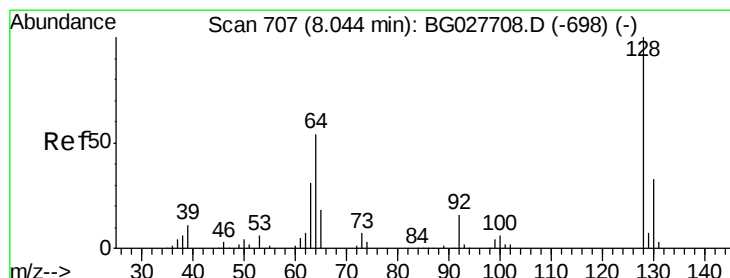
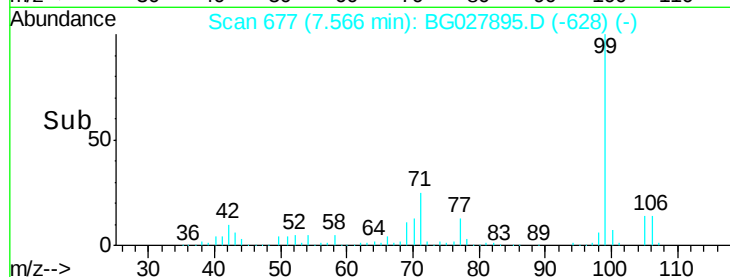
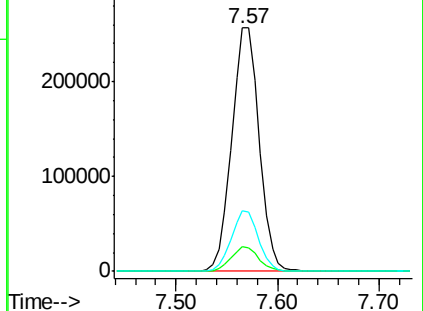
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.780 ng

RT: 7.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

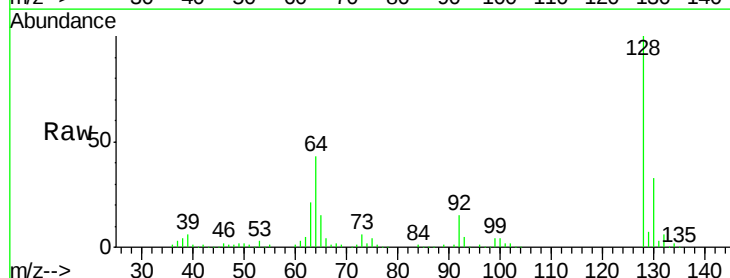
Tgt Ion: 128 Resp: 141112

Ion Ratio Lower Upper

128 100

130 32.5 11.4 51.4

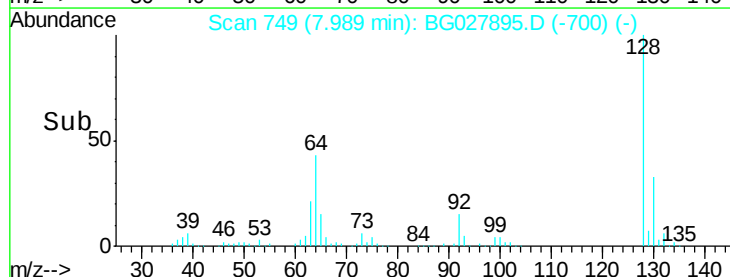
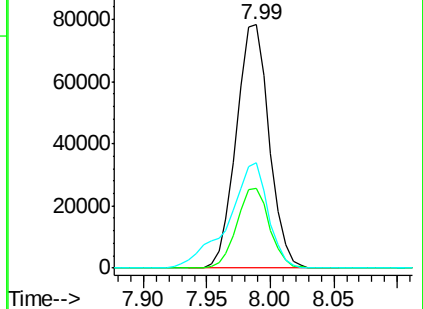
64 43.2 46.6 86.6#

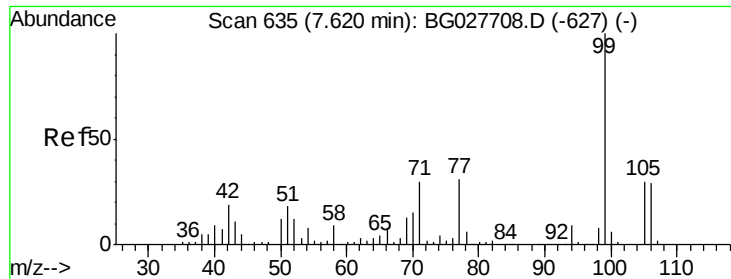


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.636 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

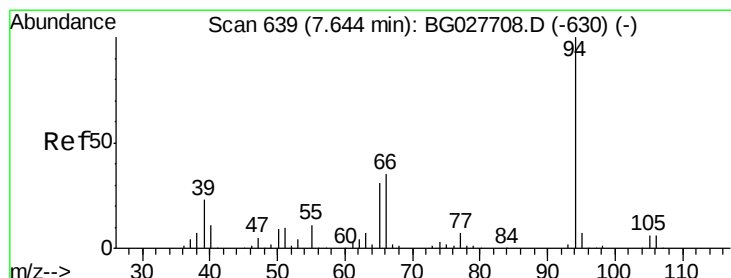
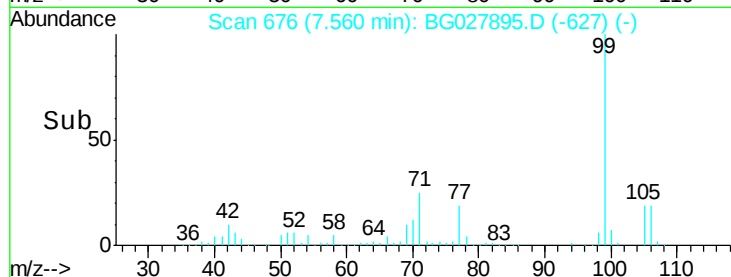
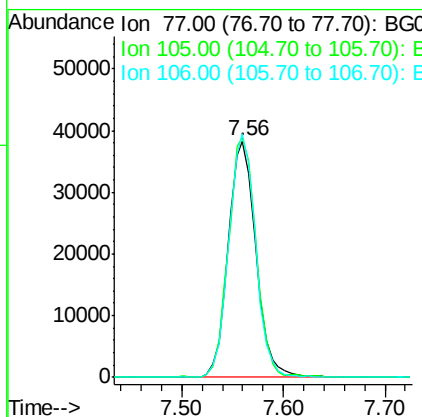
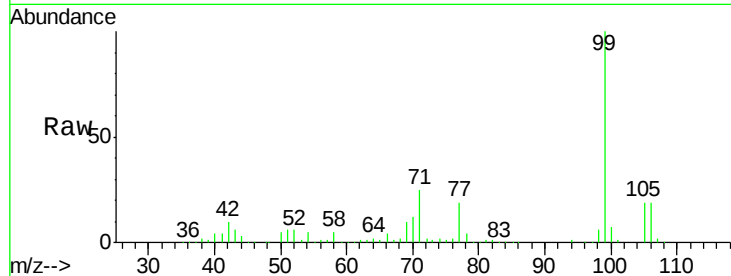
ClientSampleId :

HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.4	60.9	100.9#
106	102.9	55.1	95.1#

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#10

Phenol

Concen: 37.305 ng

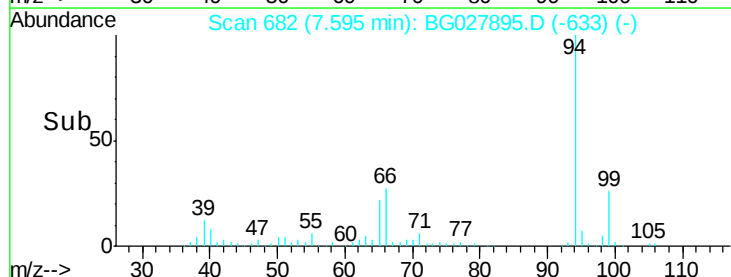
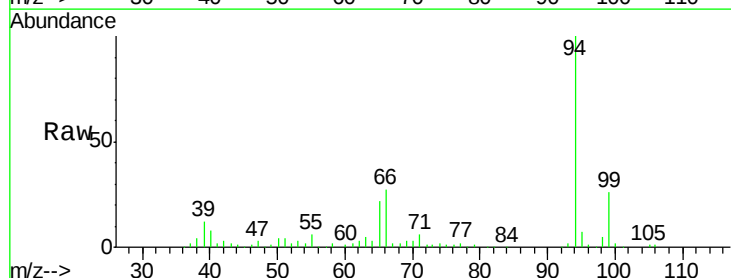
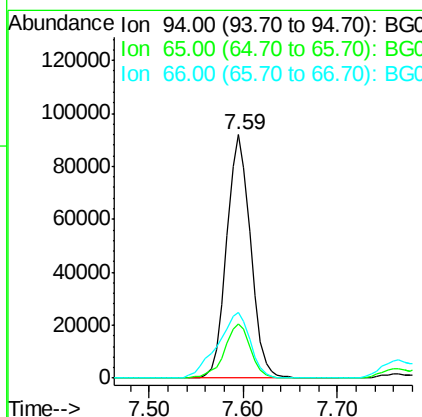
RT: 7.59 min Scan# 682

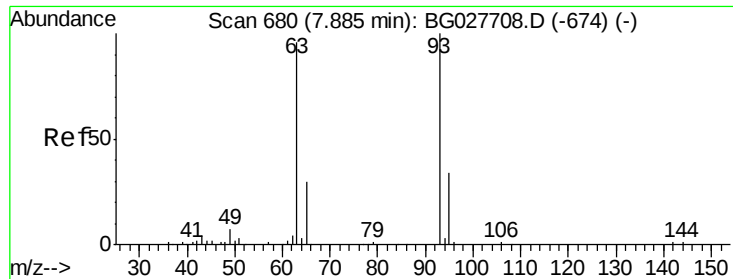
Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.4	20.6	60.6
66	27.1	35.5	75.5#





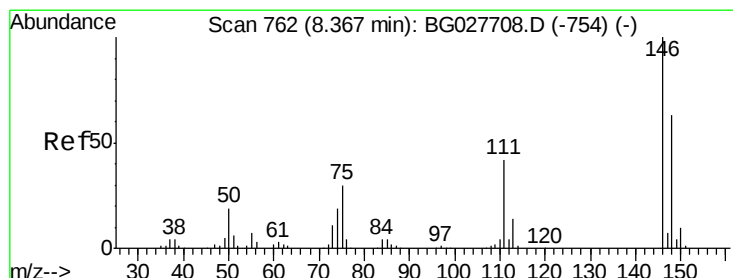
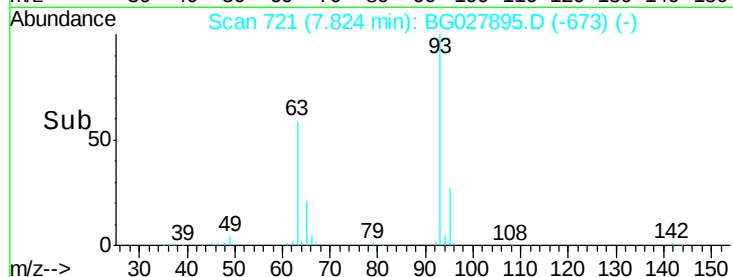
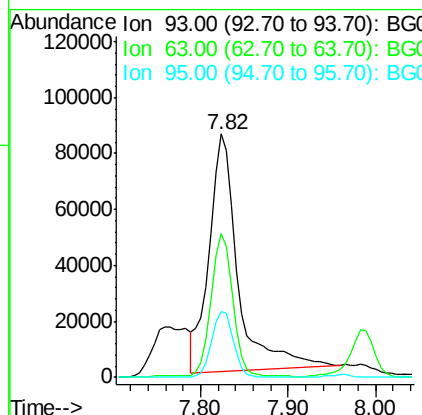
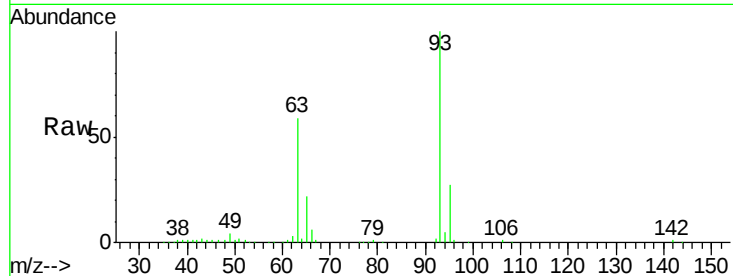
#11
bis(2-Chloroethyl)ether
Concen: 59.400 ng
RT: 7.82 min Scan# 721
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	59.1	78.5	118.5#
95	27.1	9.8	49.8

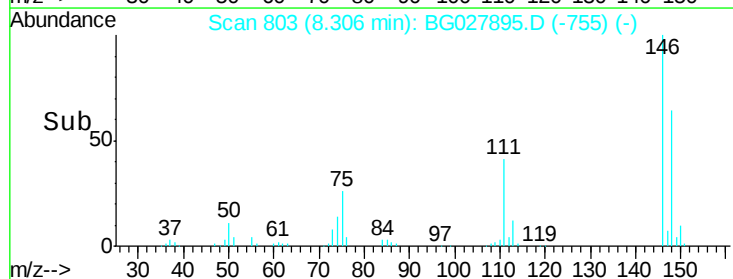
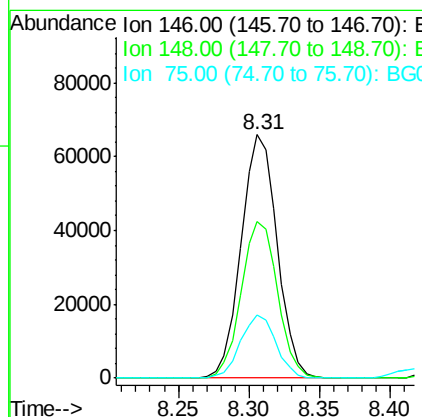
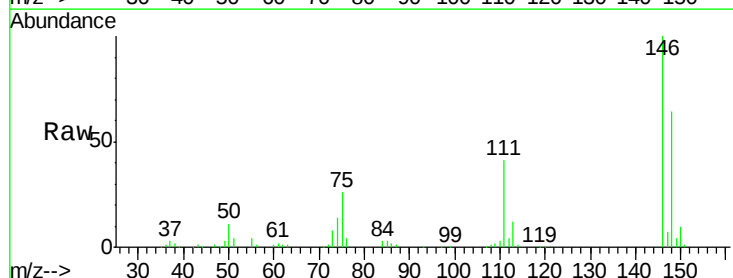
Manual Integrations
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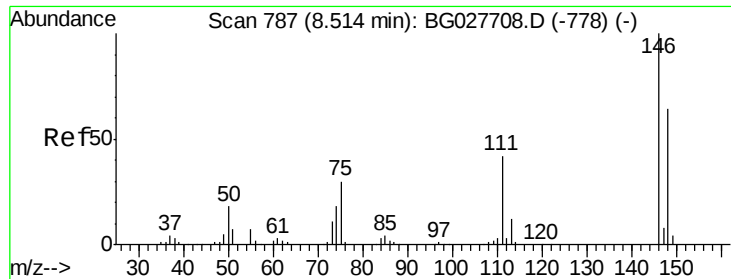
mohammad
7/11/2017 3:34:40 PM



#12
1,3-Dichlorobenzene
Concen: 34.349 ng
RT: 8.31 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.2	73.8
75	25.9	33.4	50.2#





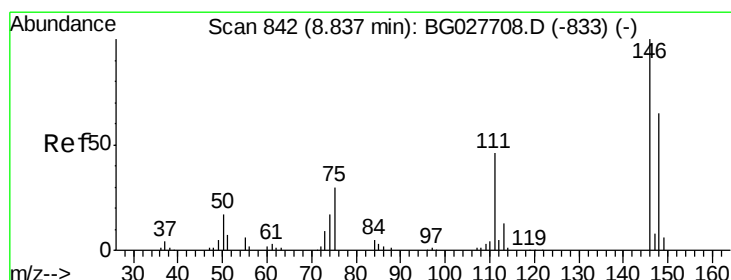
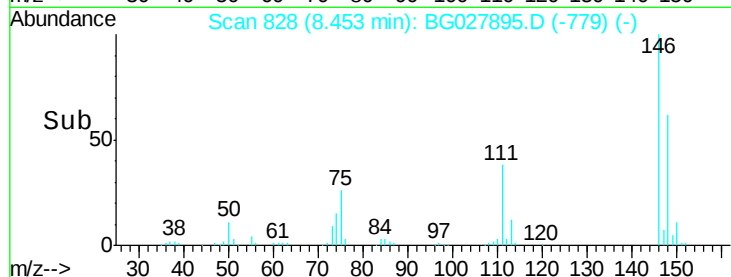
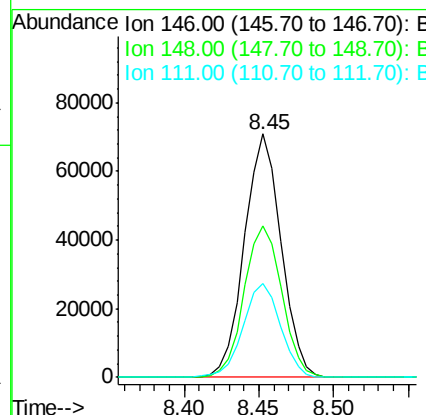
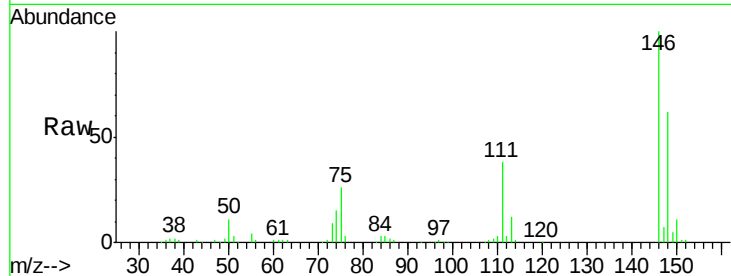
#13
 1,4-Dichlorobenzene
 Concen: 33.882 ng
 RT: 8.45 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	38.4	37.0	55.6

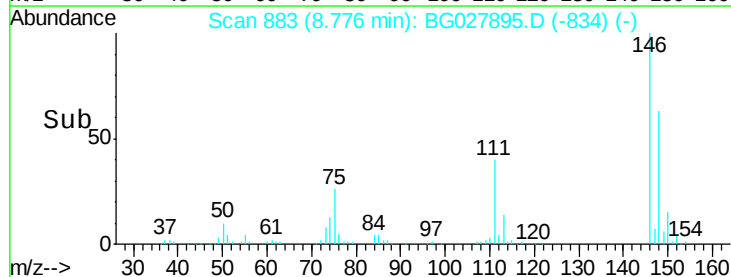
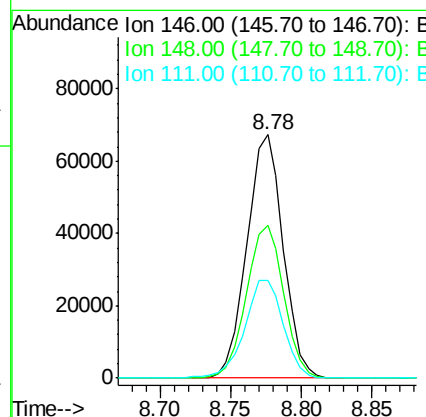
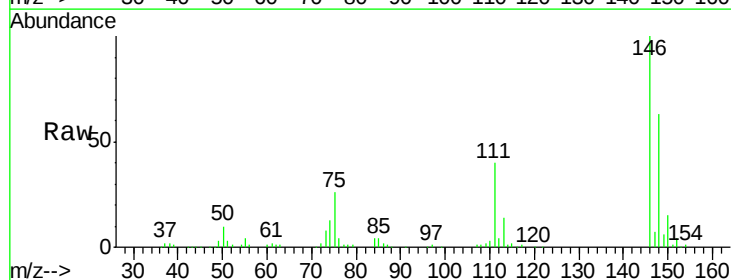
Manual Integrations
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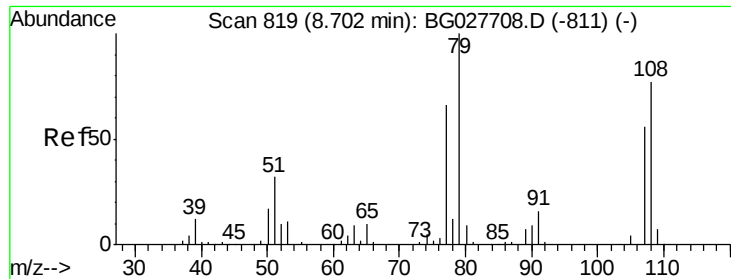
mohammad
 7/11/2017 3:34:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.183 ng
 RT: 8.78 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.6	81.8
111	40.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 27.794 ng

RT: 8.65 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-AMS

Tgt Ion: 79 Resp: 84727

Ion Ratio Lower Upper

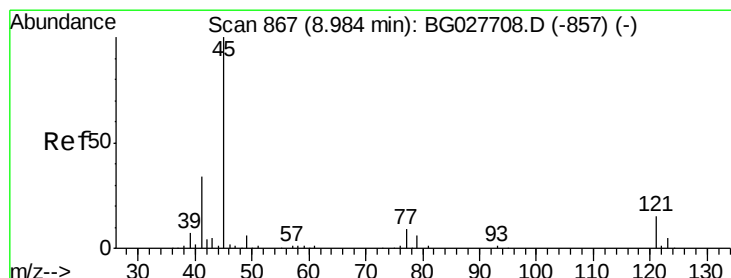
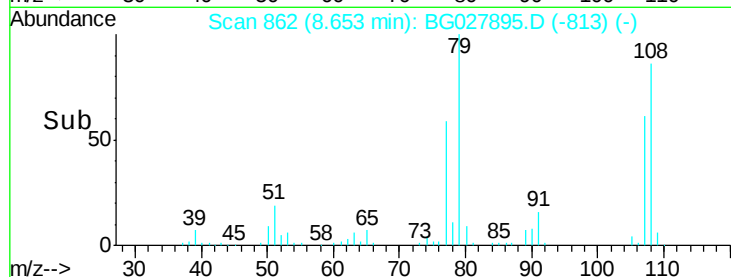
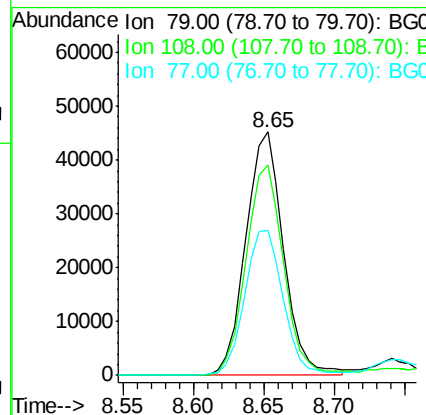
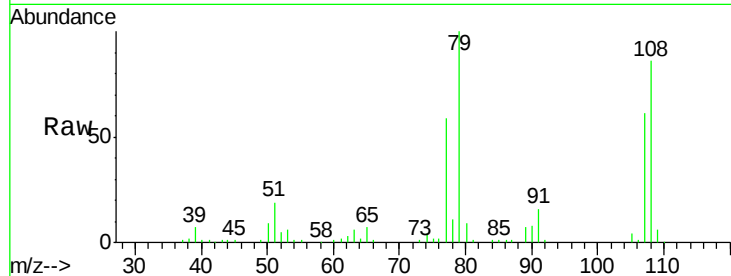
79 100

108 86.5 45.5 68.3#

77 59.4 54.3 81.5

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.711 ng

RT: 8.93 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

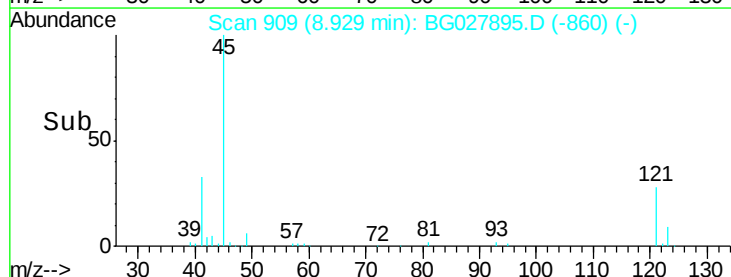
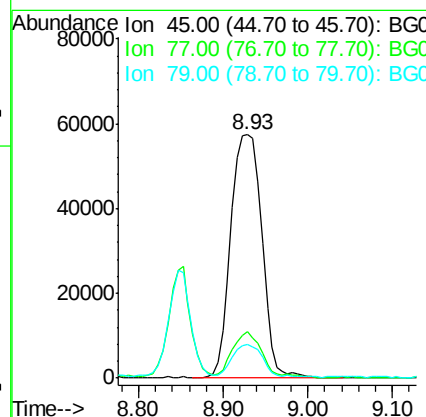
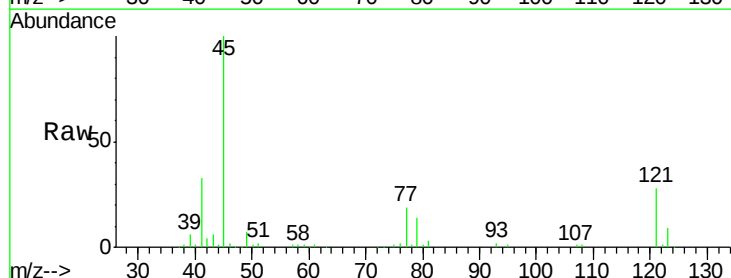
Tgt Ion: 45 Resp: 146288

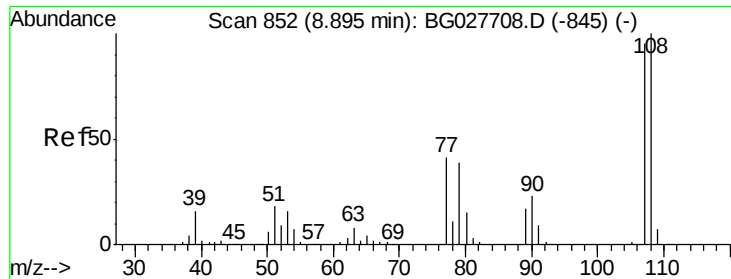
Ion Ratio Lower Upper

45 100

77 19.0 0.0 30.6

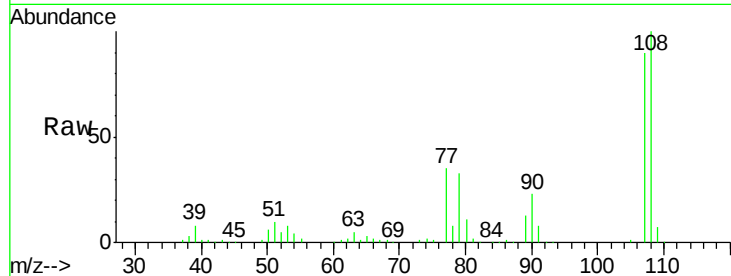
79 13.7 0.0 28.5





#17
2-Methylphenol
Concen: 39.794 ng
RT: 8.85 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

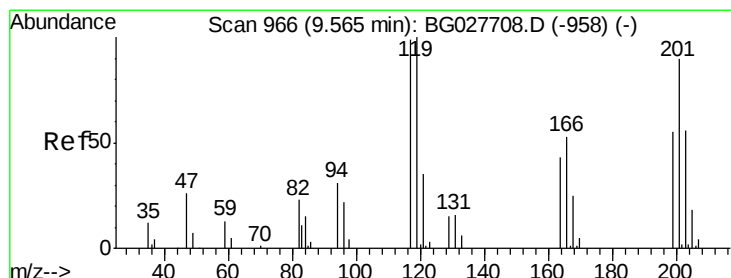
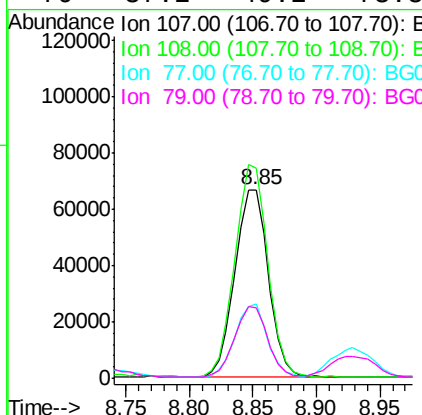
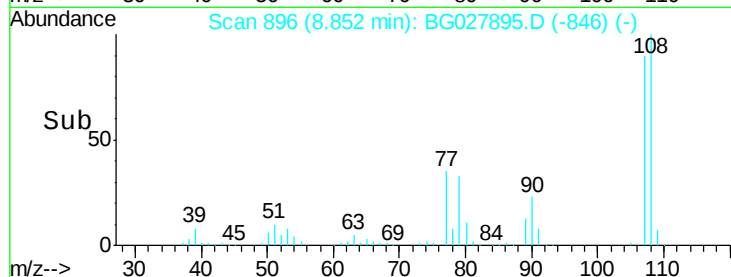
Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	122739		
108	111.7	85.6	128.4	
77	39.6	51.4	77.2#	
79	37.2	49.2	73.8#	

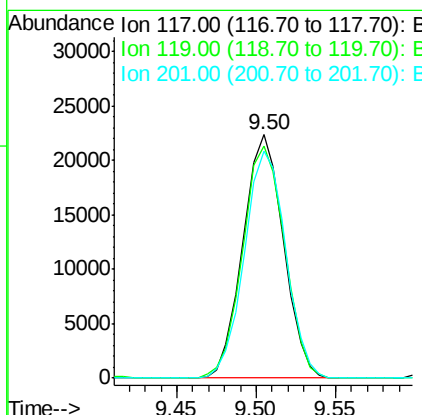
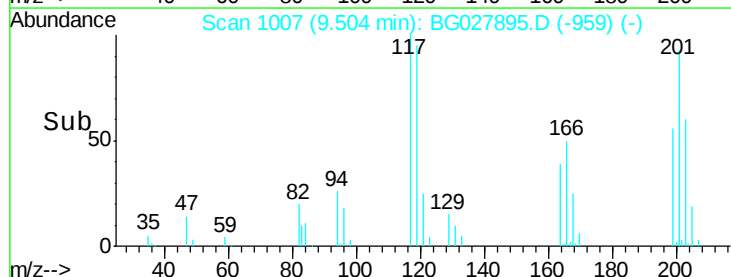
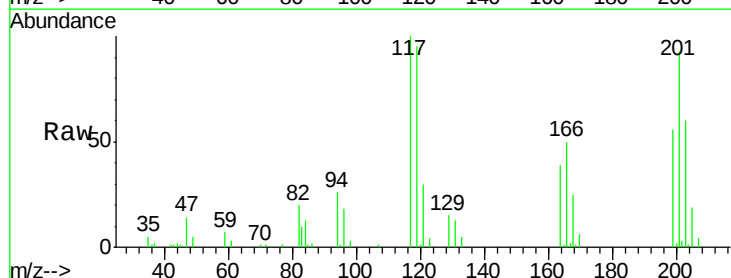
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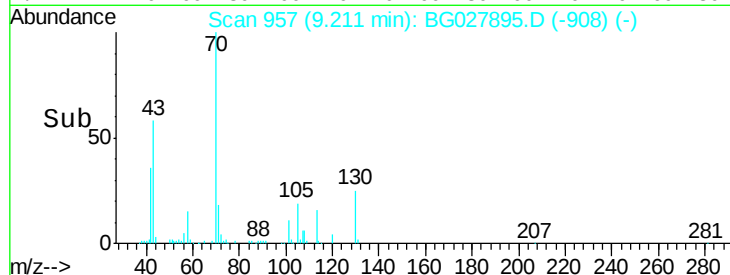
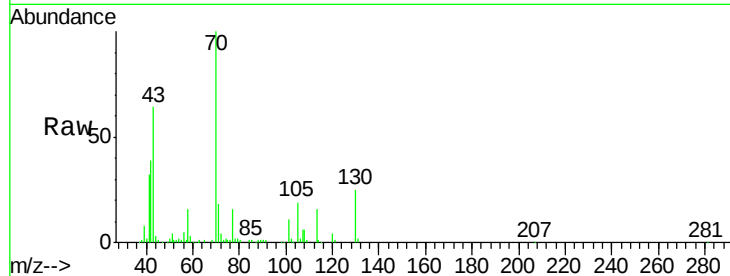
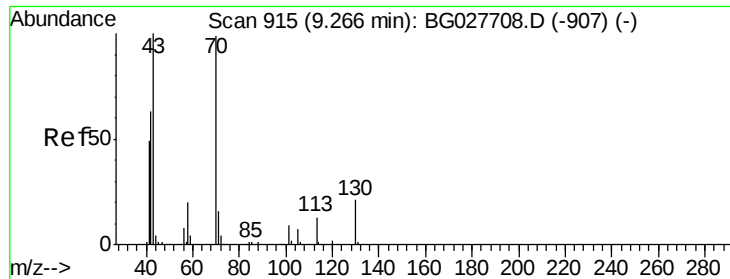
mohammad
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#18
Hexachloroethane
Concen: 31.871 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39827		
119	95.2	69.8	104.6	
201	93.3	95.4	143.0#	





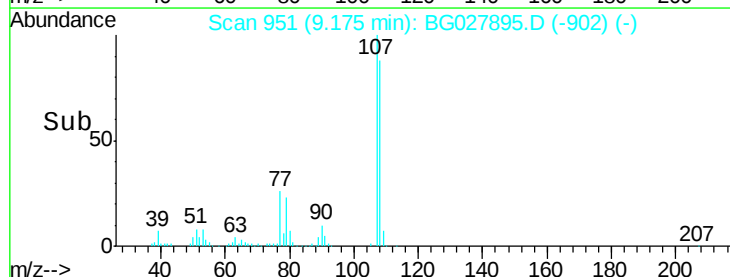
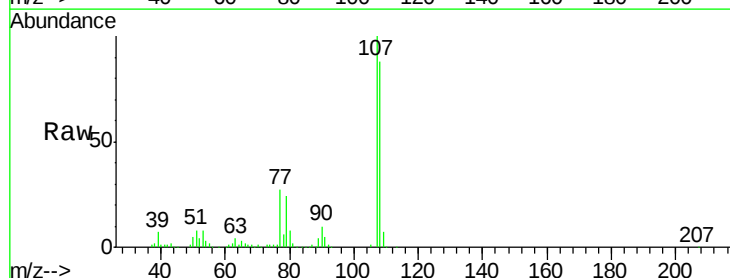
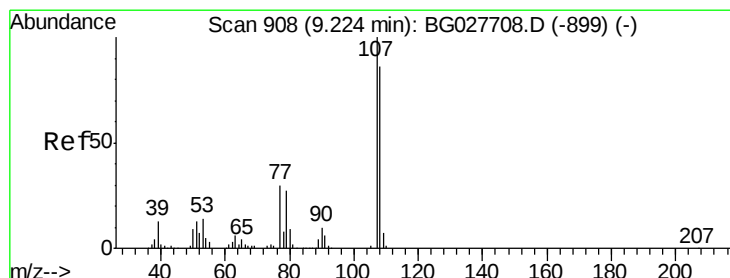
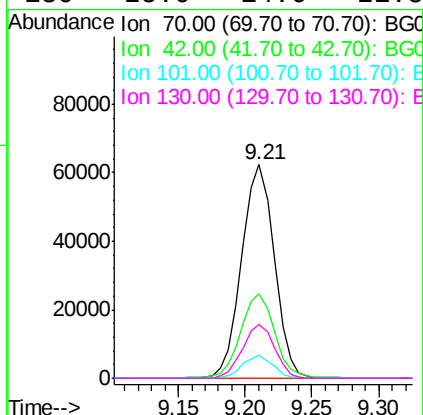
#19
n-Nitroso-di-n-propylamine
Concen: 32.964 ng
RT: 9.21 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.4	56.1	84.1#
101	10.6	7.5	11.3
130	25.0	14.6	21.8#

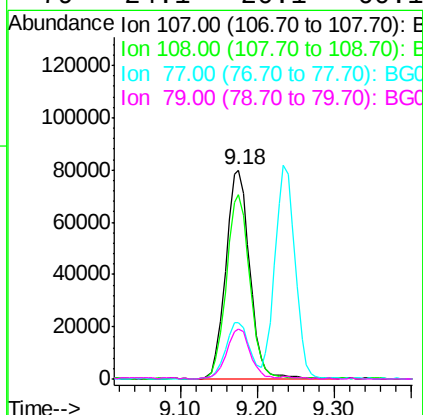
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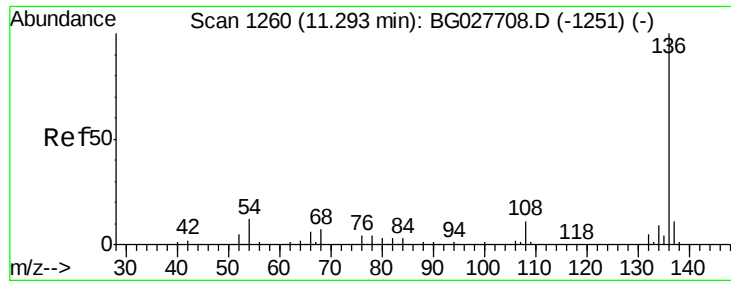
mohammad
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#20
3+4-Methylphenols
Concen: 39.088 ng
RT: 9.18 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.8	110.8
77	26.7	25.8	65.8
79	24.1	20.1	60.1





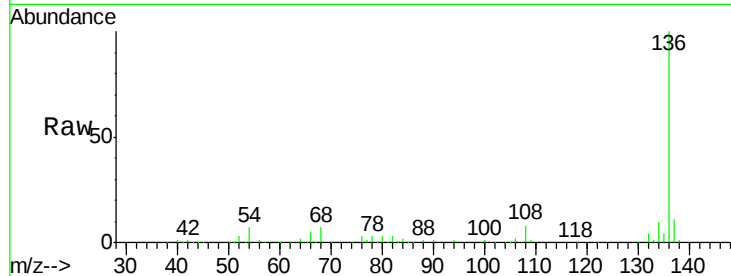
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

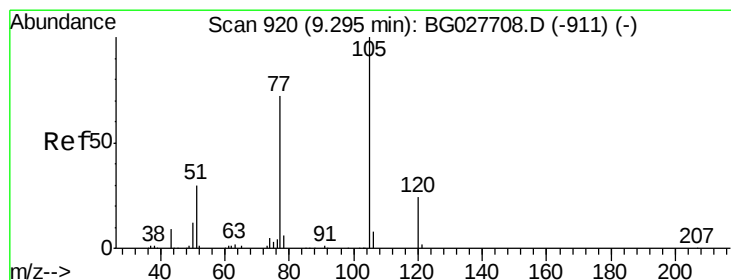
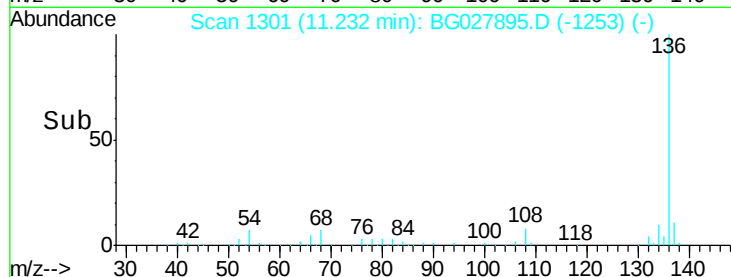
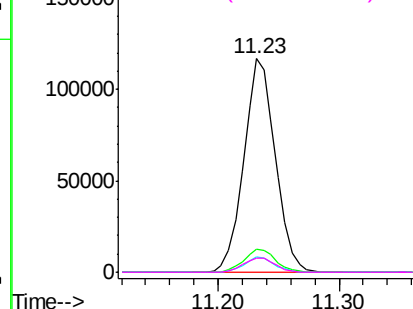
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	210804		
137	11.1	8.9	13.3	
54	6.9	9.3	13.9	
68	6.8	5.1	7.7	

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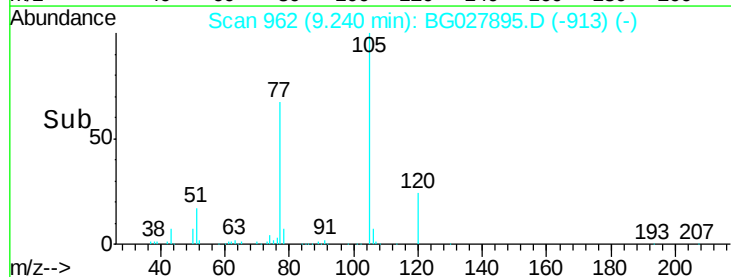
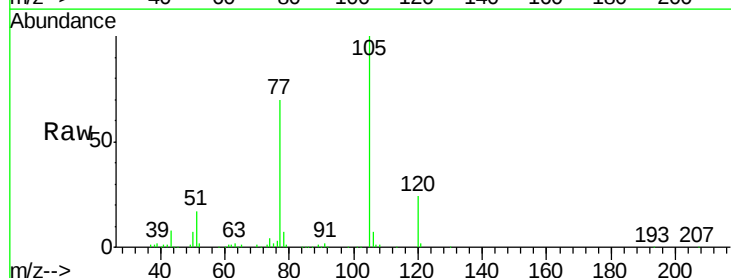
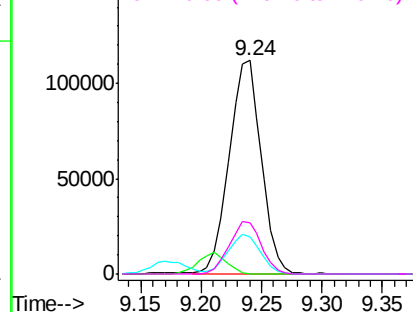
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

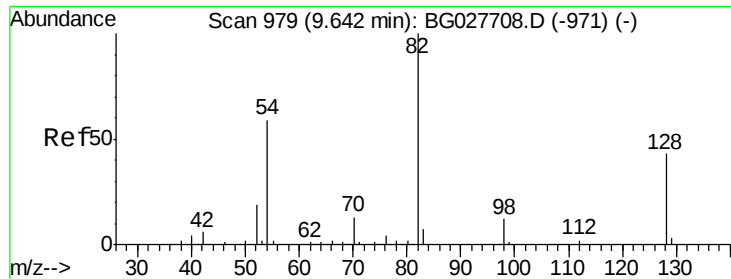


#22
Acetophenone
Concen: 40.568 ng
RT: 9.24 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206367		
71	0.2	0.9	1.3	
51	17.5	34.0	51.0	
120	24.1	17.3	25.9	

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





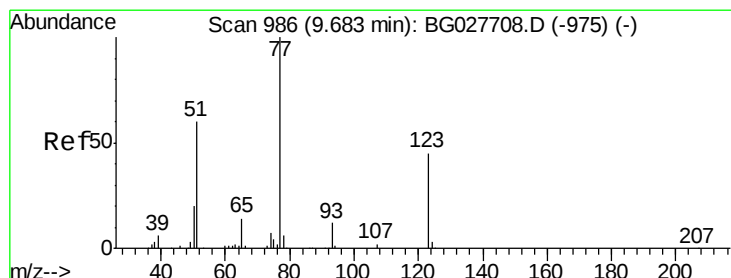
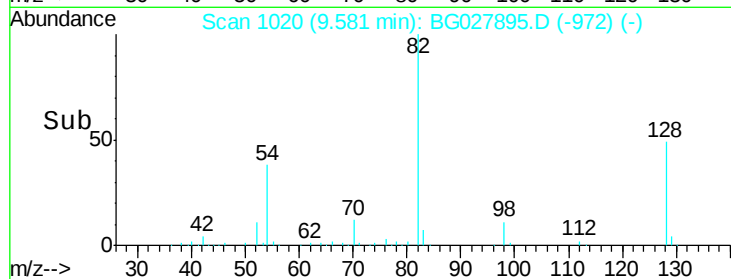
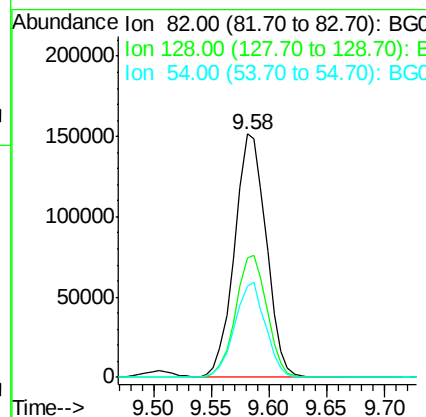
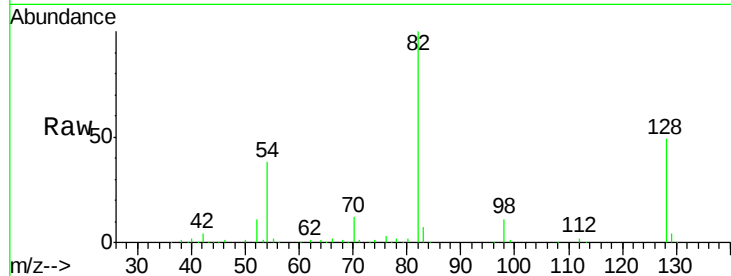
#23
 Nitrobenzene-d5
 Concen: 76.299 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	288554		
128	49.3	26.4	39.6#	
54	37.5	49.4	74.2#	

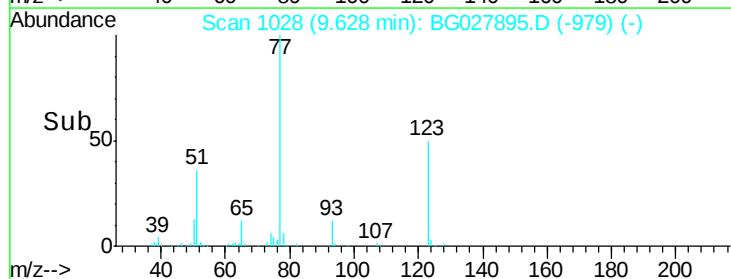
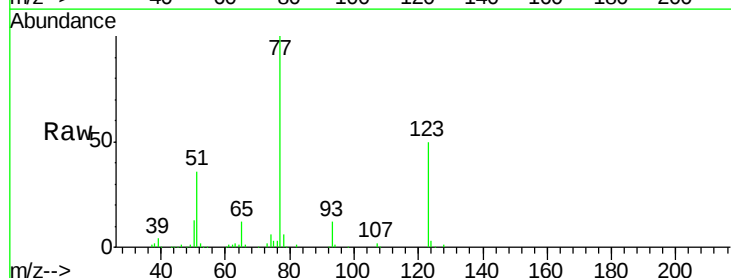
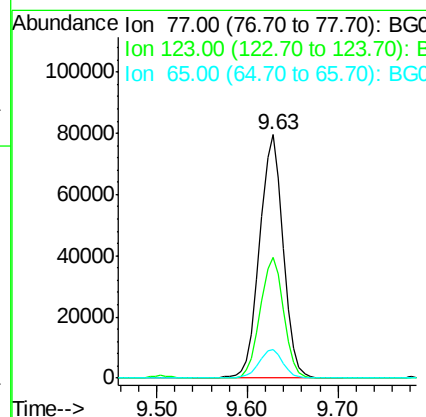
Manual Integrations
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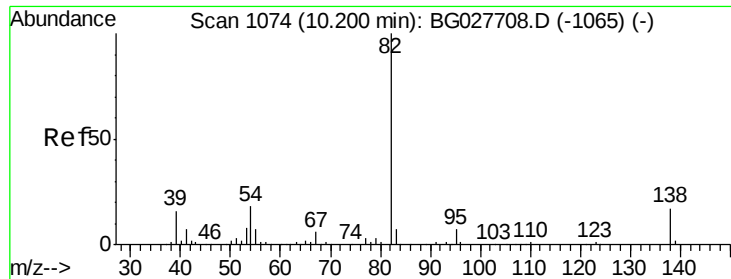
mohammad
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#24
 Nitrobenzene
 Concen: 36.387 ng
 RT: 9.63 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	143868		
123	49.8	26.1	39.1#	
65	11.8	12.4	18.6#	





#25

Isophorone

Concen: 38.011 ng

RT: 10.14 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-AMS

Tgt Ion: 82 Resp: 313338

Ion Ratio Lower Upper

82 100

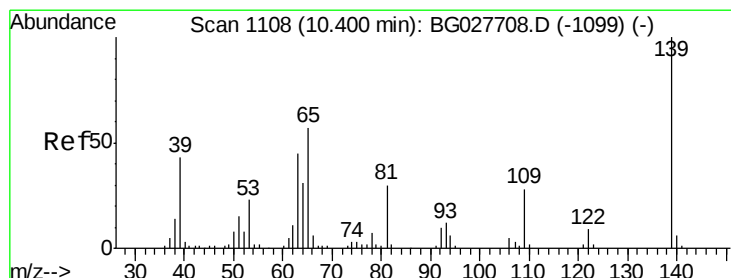
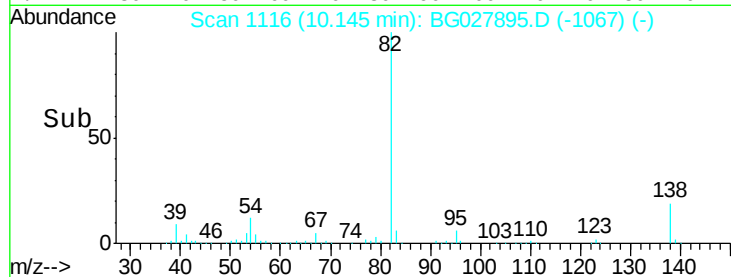
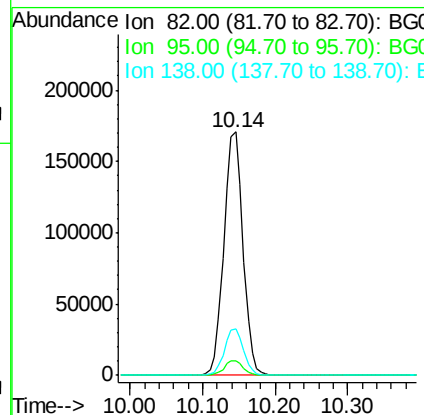
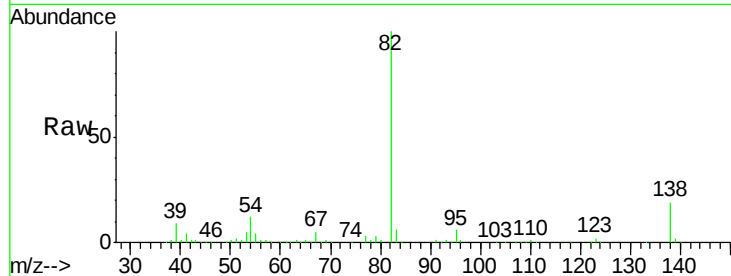
95 6.1 7.5 11.3#

138 19.2 12.3 18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.514 ng

RT: 10.34 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

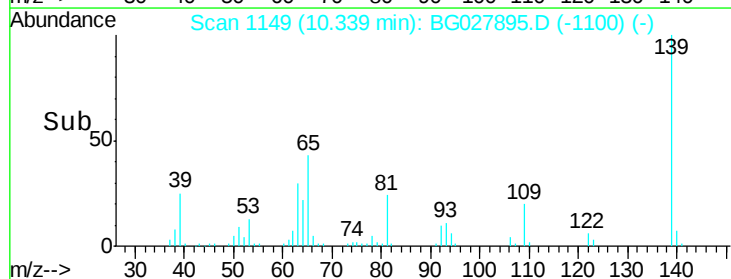
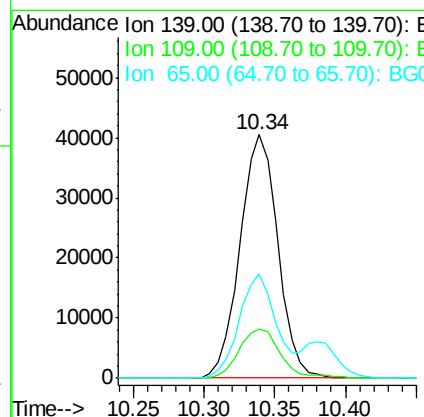
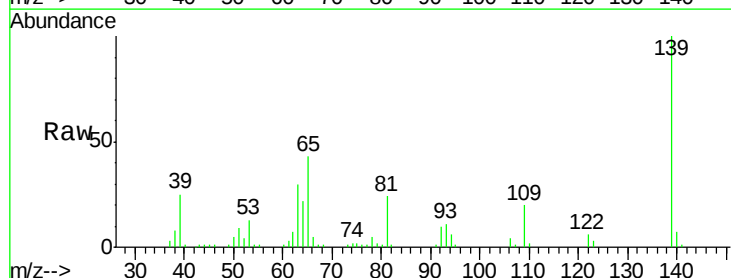
Tgt Ion: 139 Resp: 75927

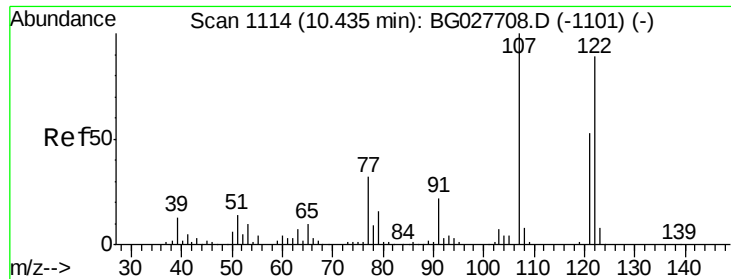
Ion Ratio Lower Upper

139 100

109 20.0 38.6 58.0#

65 42.8 57.1 85.7#





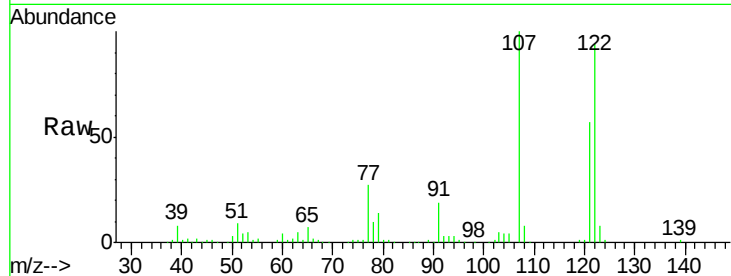
#27
 2,4-Dimethylphenol
 Concen: 46.303 ng
 RT: 10.38 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.9	104.2	156.4
121	61.3	46.0	69.0

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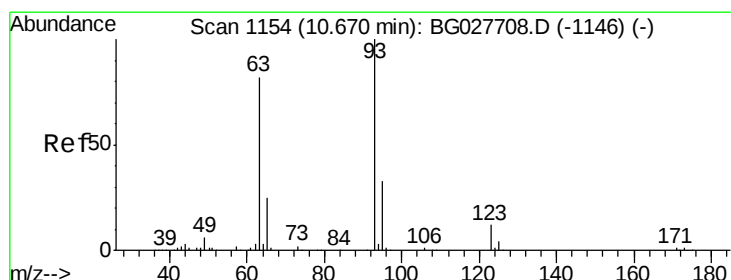
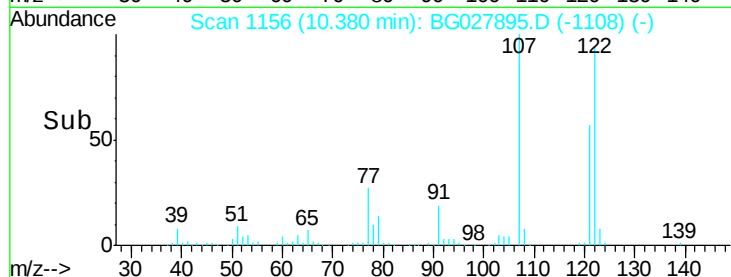
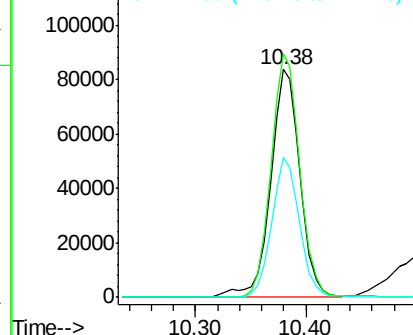


Abundance

Ion 122.00 (121.70 to 122.70): E

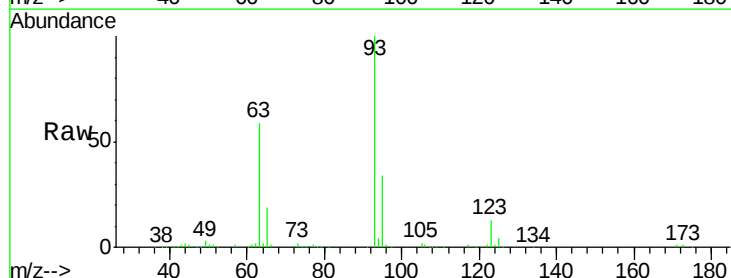
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.603 ng
 RT: 10.61 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.7	38.5
123	12.6	8.3	12.5#

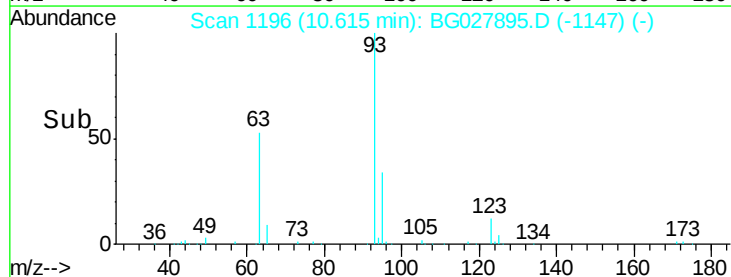
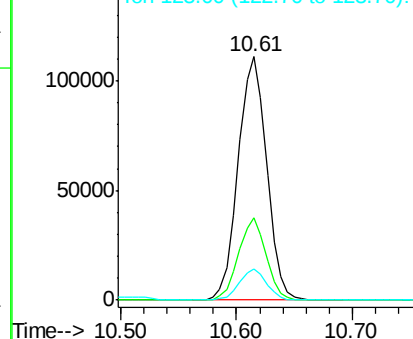


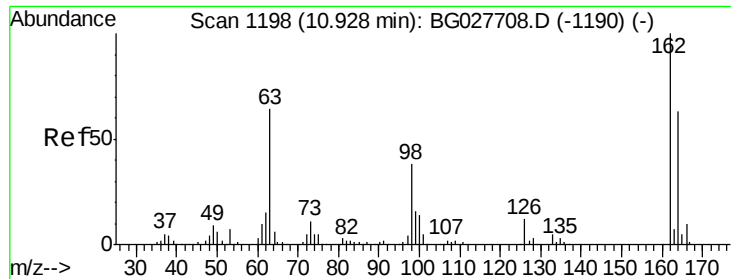
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





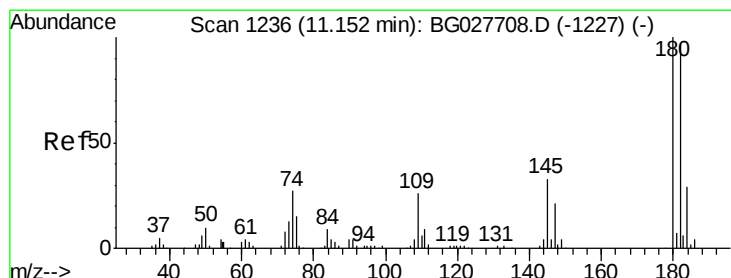
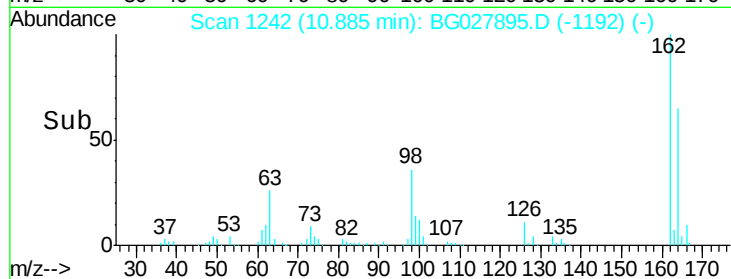
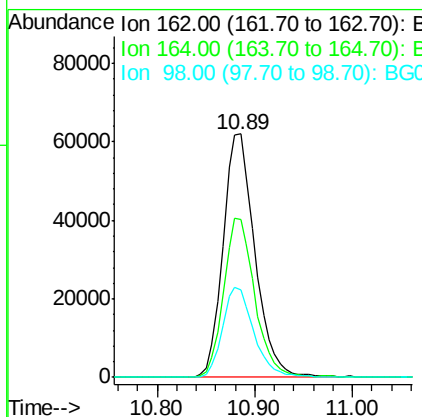
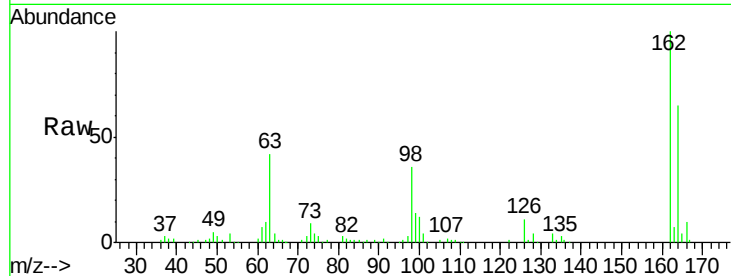
#29
 2,4-Dichlorophenol
 Concen: 47.909 ng
 RT: 10.89 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	42.4	82.4
98	36.1	20.3	60.3

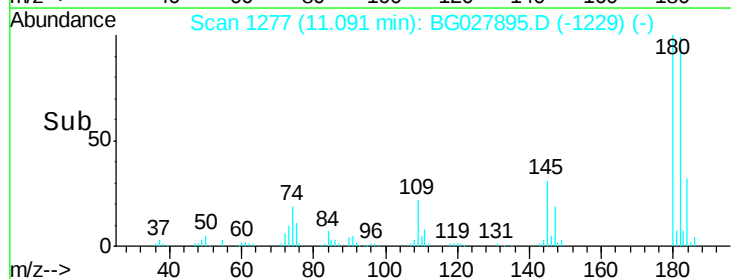
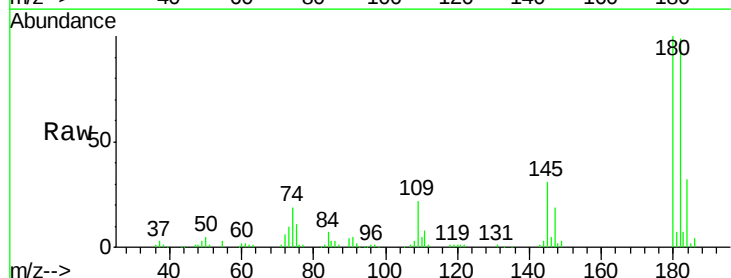
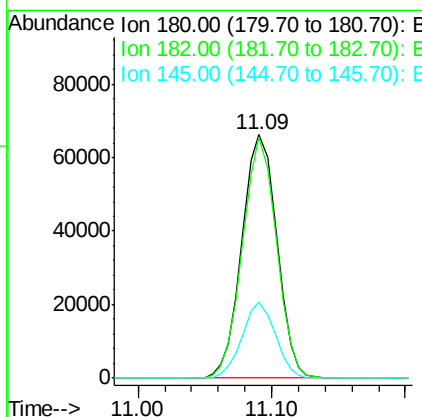
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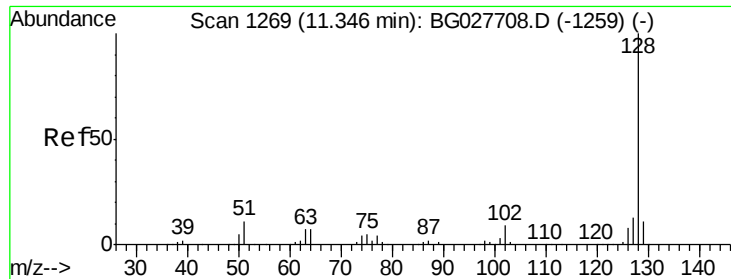
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.234 ng
 RT: 11.09 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.2	77.0	115.4
145	31.0	23.4	35.0





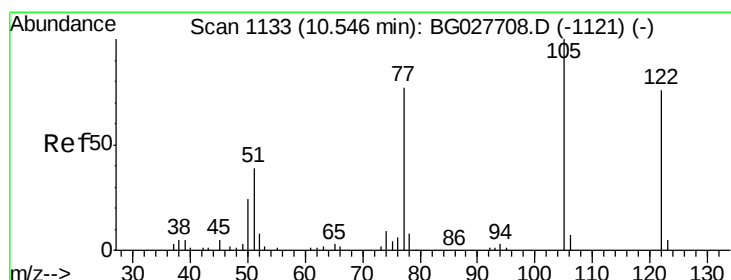
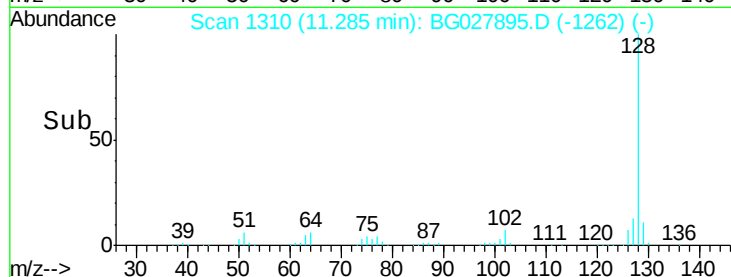
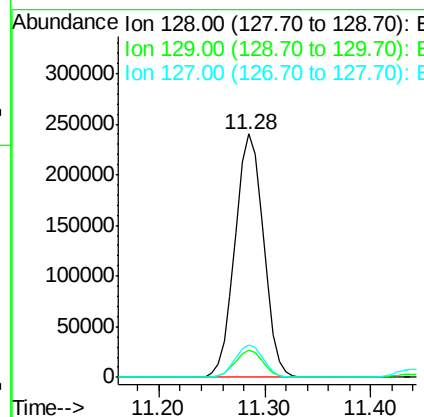
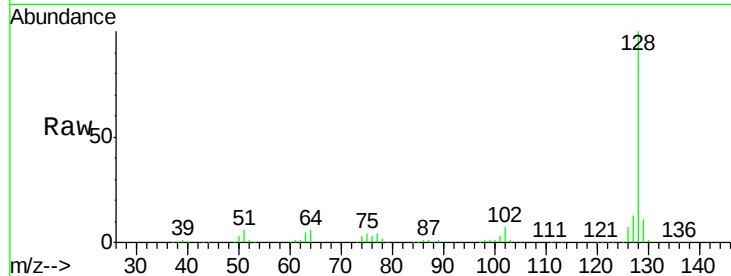
#31
Naphthalene
Concen: 39.832 ng
RT: 11.28 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.3	11.4	17.0

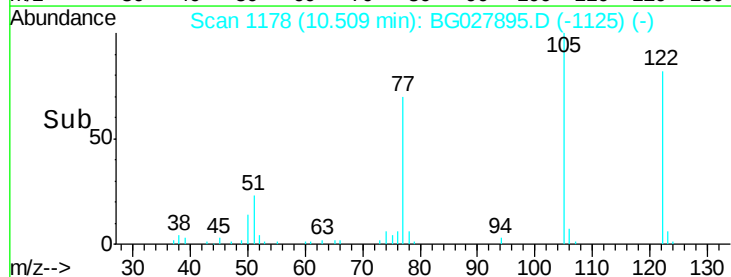
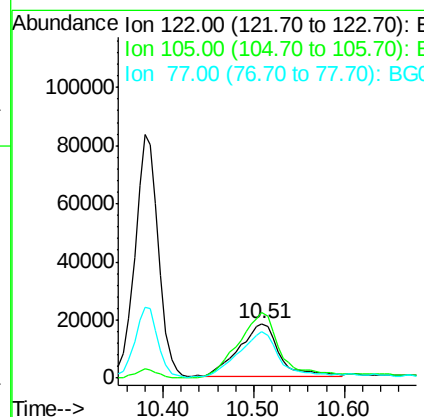
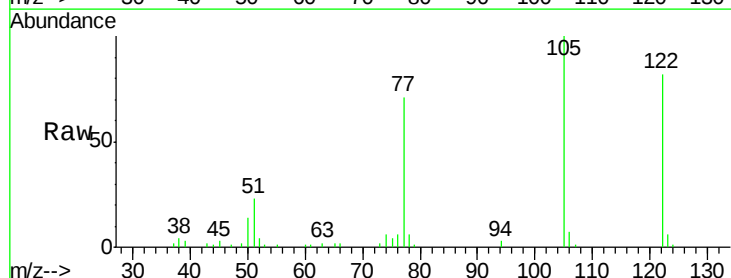
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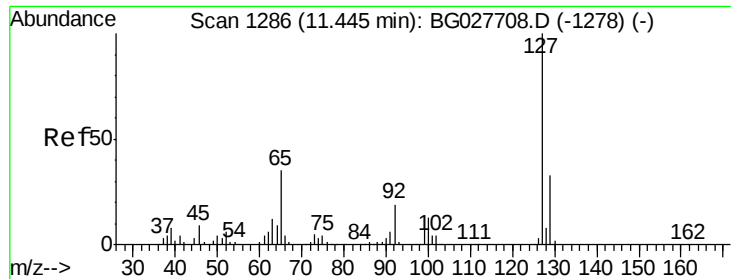
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#32
Benzoic acid
Concen: 31.351 ng
RT: 10.51 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	120.1	160.1
77	86.1	104.6	144.6#





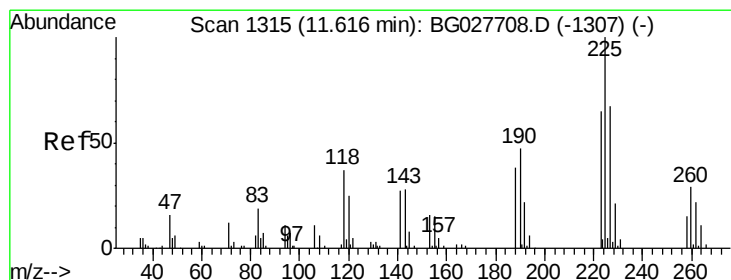
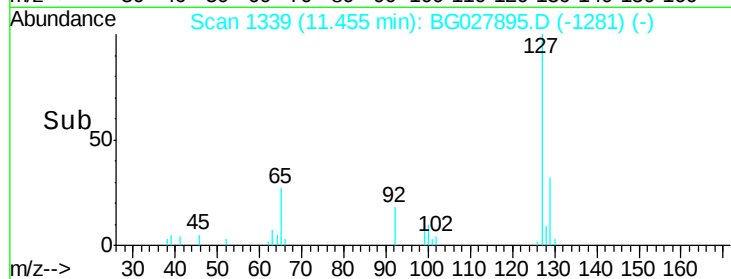
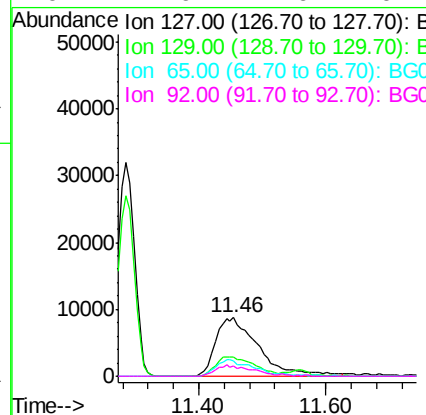
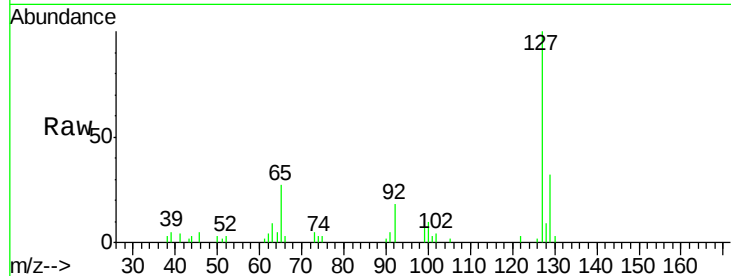
#33
4-Chloroaniline
Concen: 8.464 ng
RT: 11.46 min Scan# 1339
Delta R.T. 0.04 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	23.6	35.4
65	27.1	37.7	56.5
92	17.9	17.6	26.4

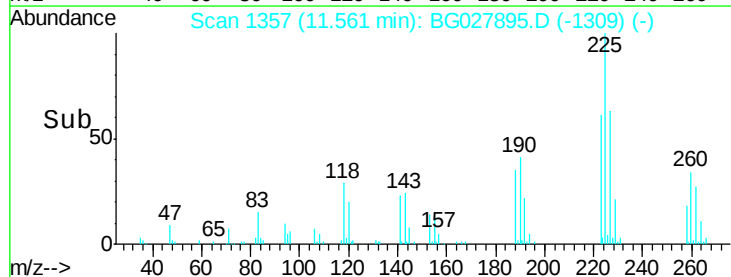
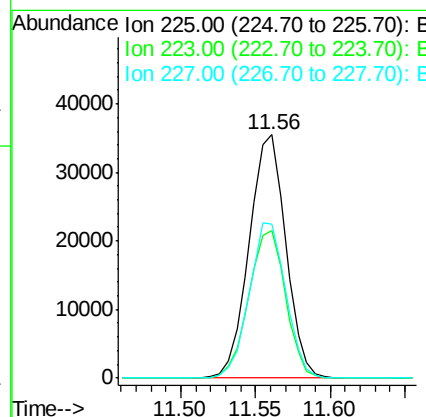
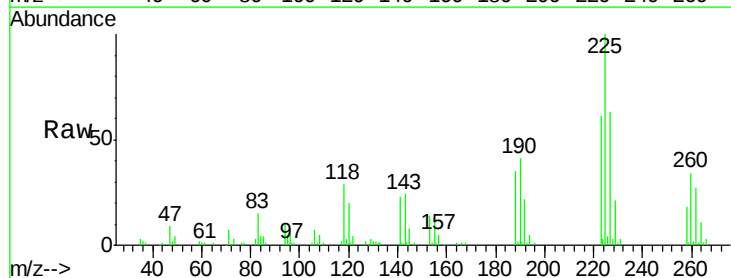
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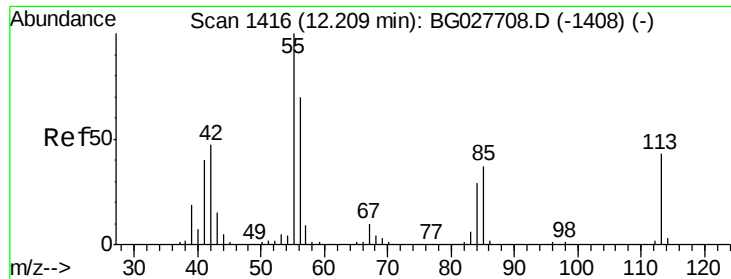
mohammad
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#34
Hexachlorobutadiene
Concen: 36.108 ng
RT: 11.56 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.7	76.1
227	63.3	49.0	73.6





#35

Caprolactam

Concen: 32.262 ng m

RT: 12.18 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-AMS

Tgt Ion:113 Resp: 47568

Ion Ratio Lower Upper

113 100

55 144.5 198.6 238.6#

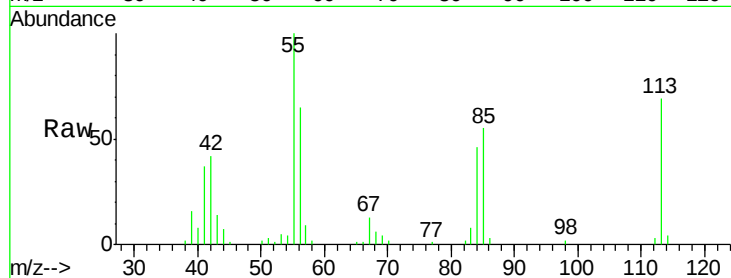
56 94.2 140.4 180.4#

Manual Integrations

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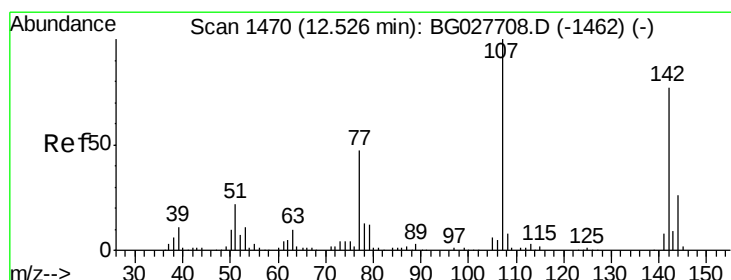
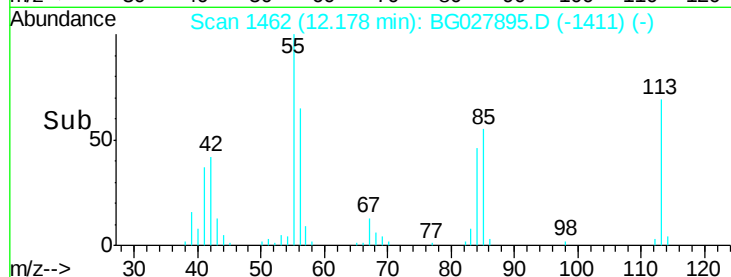
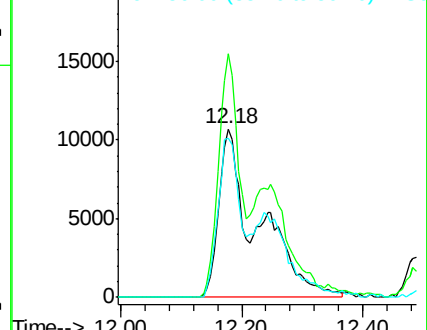
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.013 ng

RT: 12.48 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

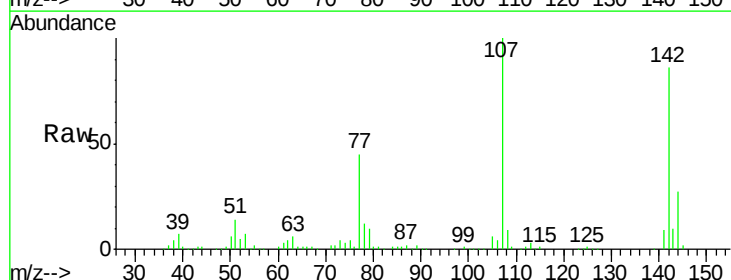
Tgt Ion:107 Resp: 169178

Ion Ratio Lower Upper

107 100

144 27.2 17.4 26.0#

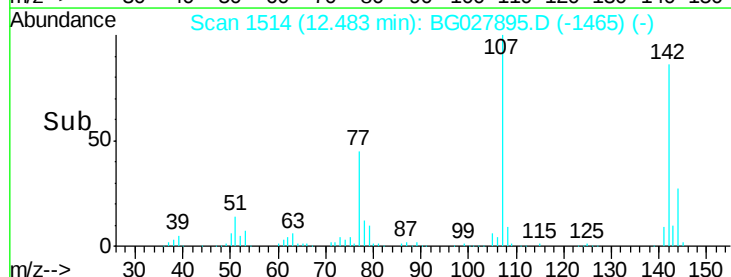
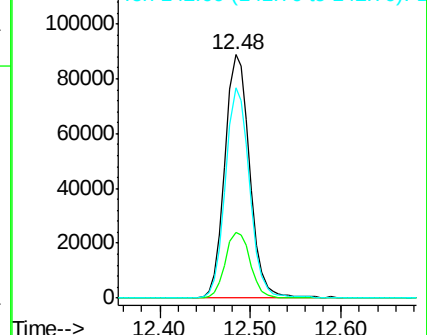
142 86.3 54.1 81.1#

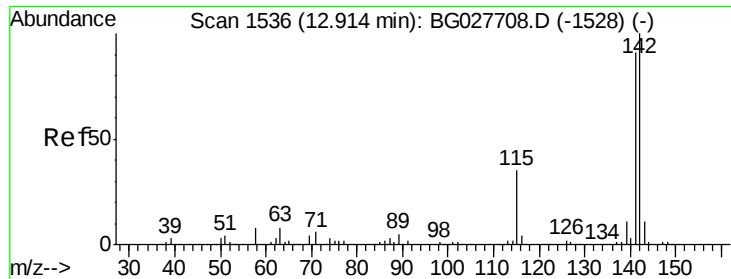


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





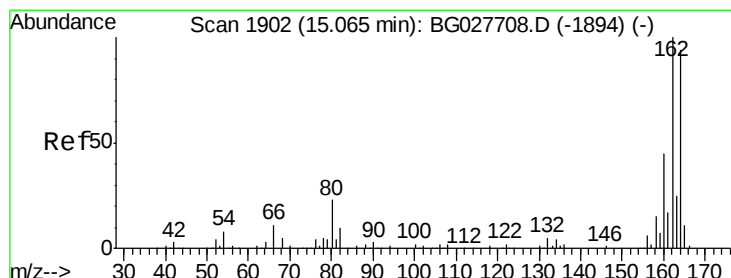
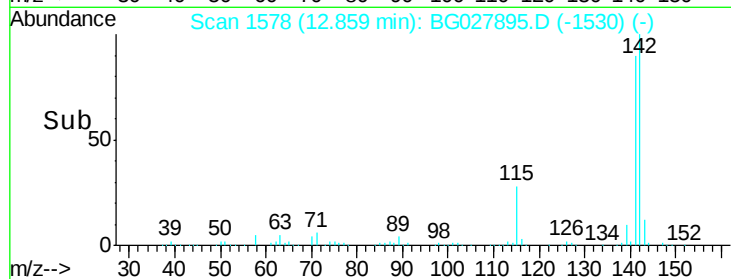
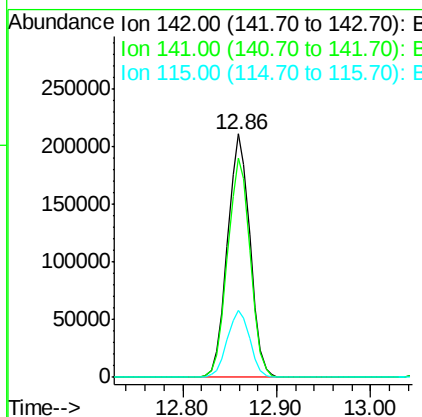
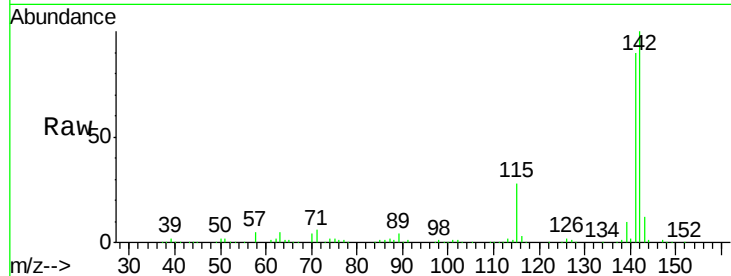
#37
 2-Methylnaphthalene
 Concen: 41.904 ng
 RT: 12.86 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.4	105.6
115	27.6	35.5	53.3

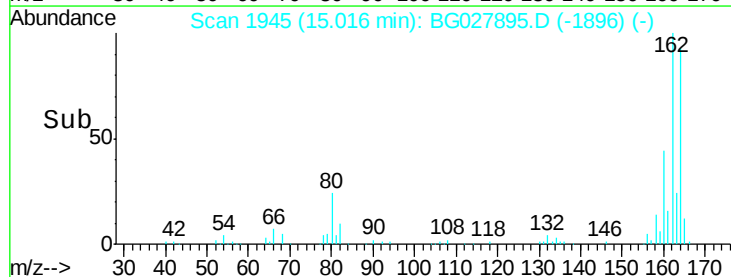
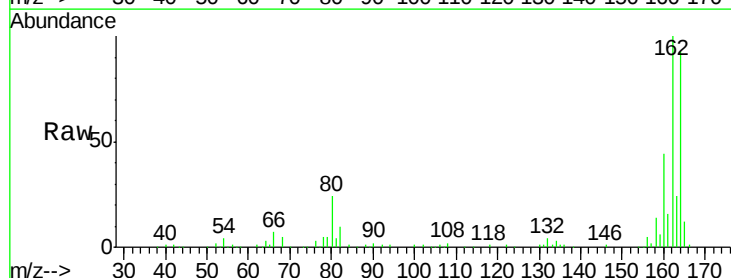
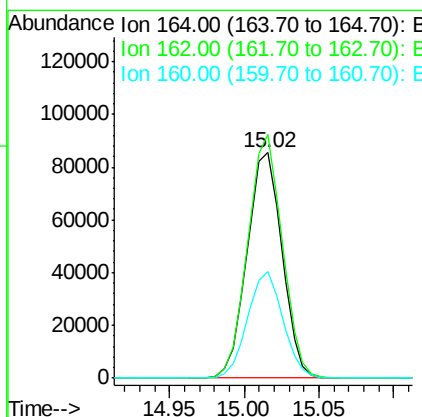
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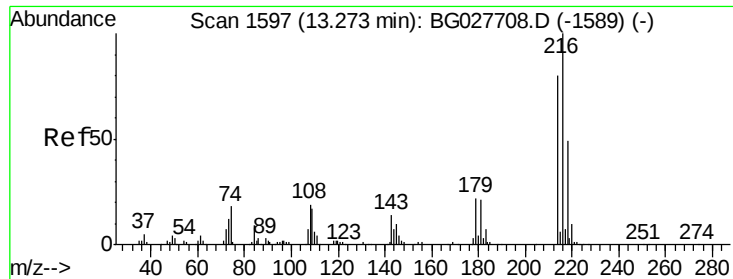
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.02 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	85.1	127.7
160	47.4	34.7	52.1





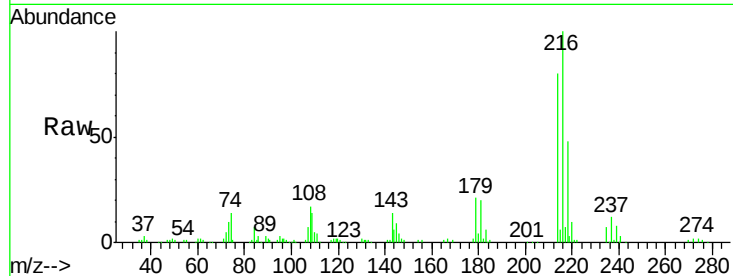
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.006 ng
RT: 13.22 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

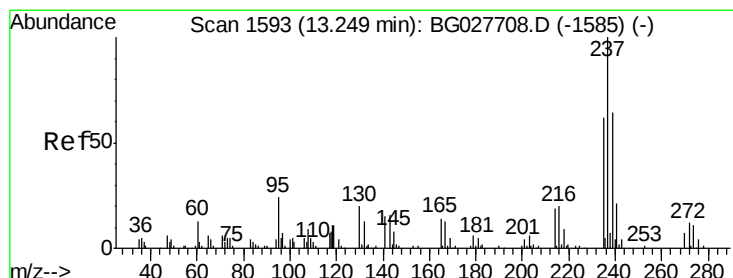
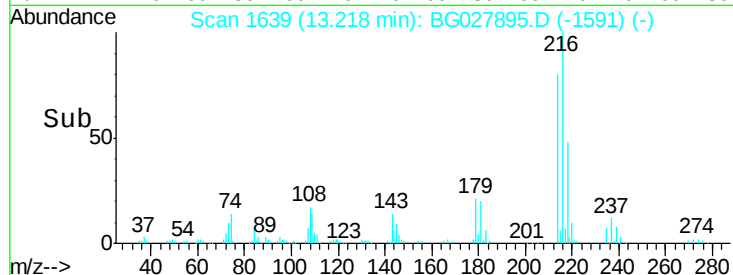
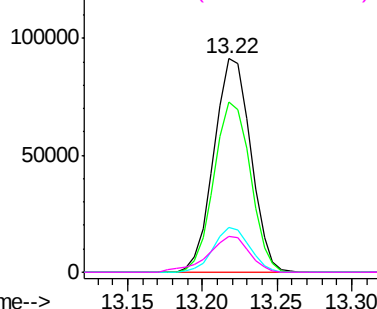
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	156133		
214	79.2	64.4	96.6	
179	20.6	17.4	26.0	
108	18.8	15.6	23.4	

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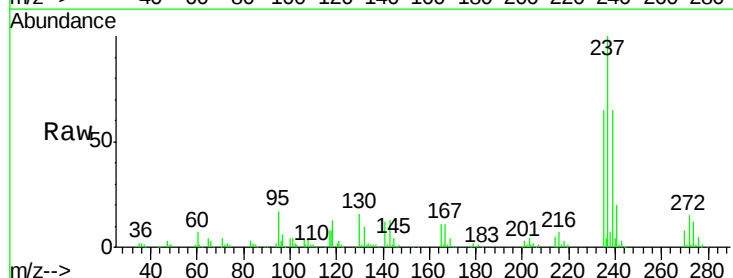


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

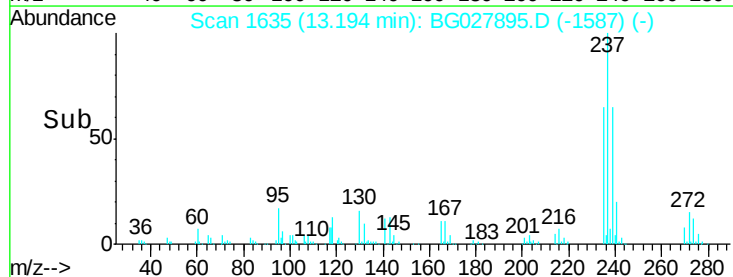
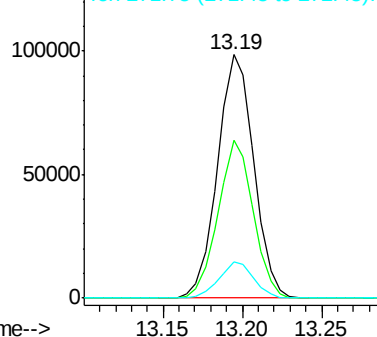


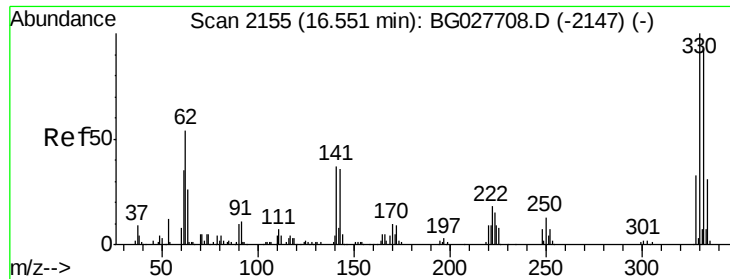
#40
Hexachlorocyclopentadiene
Concen: 91.314 ng
RT: 13.19 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	156304		
235	64.6	39.4	79.4	
272	14.9	0.0	32.0	



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





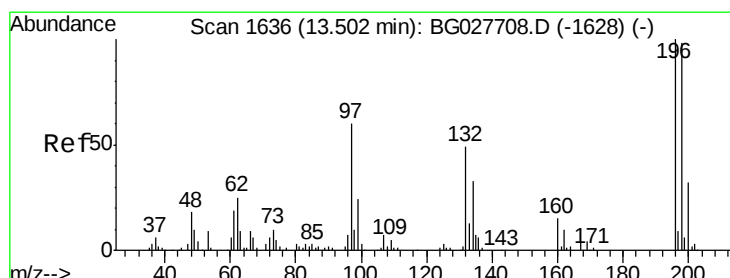
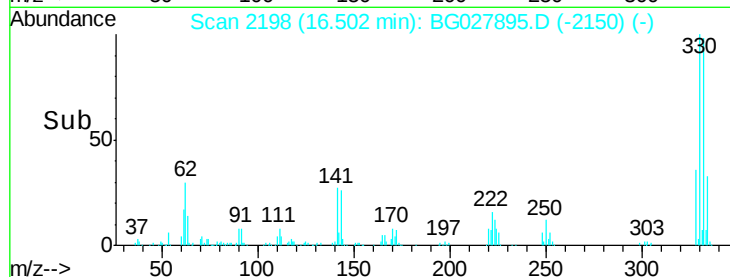
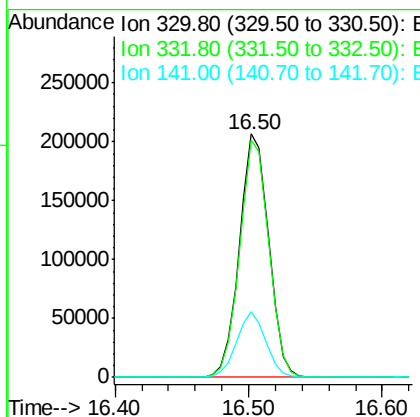
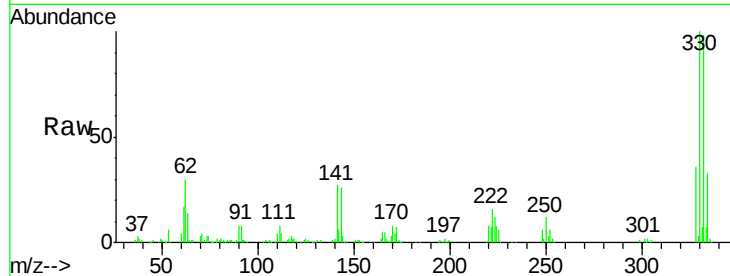
#41
 2,4,6-Tribromophenol
 Concen: 164.939 ng
 RT: 16.50 min Scan# 2198
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	312558		
332	97.2	77.3	115.9	
141	26.7	32.1	48.1#	

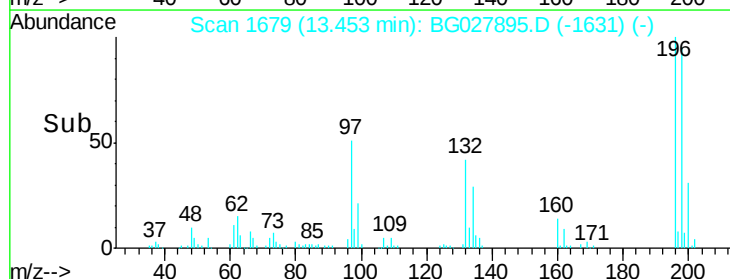
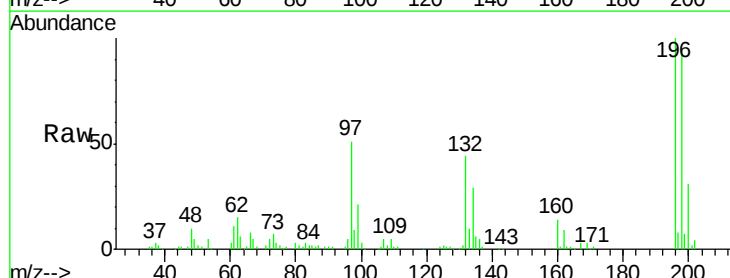
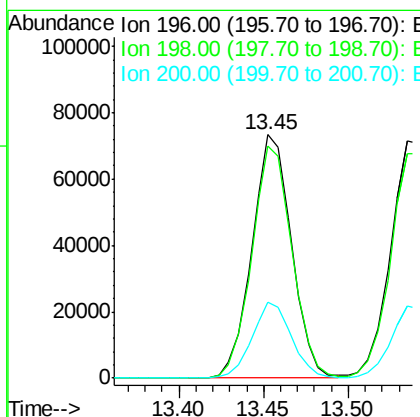
Manual Integrations
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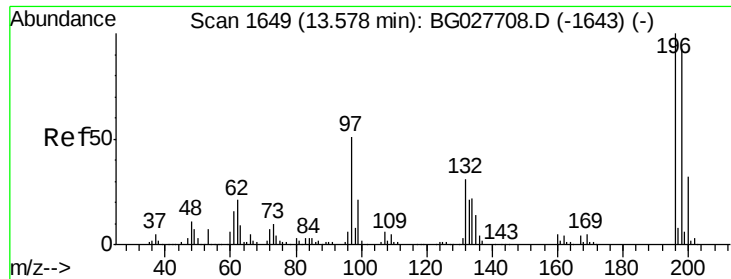
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 45.387 ng
 RT: 13.45 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119011		
198	95.1	81.4	122.2	
200	31.4	27.0	40.6	





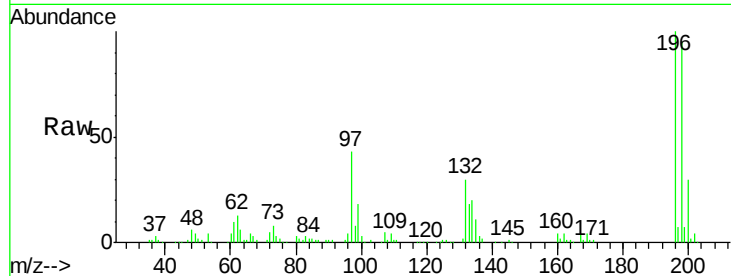
#43
 2,4,5-Trichlorophenol
 Concen: 44.310 ng
 RT: 13.54 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131649		
198	94.7	79.9	119.9	
97	43.0	45.4	68.0	
132	30.1	20.7	31.1	

Manual Integrations
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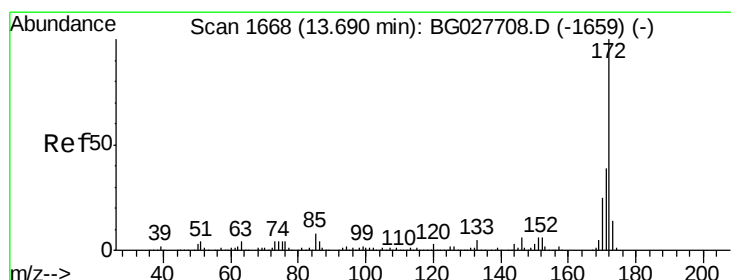
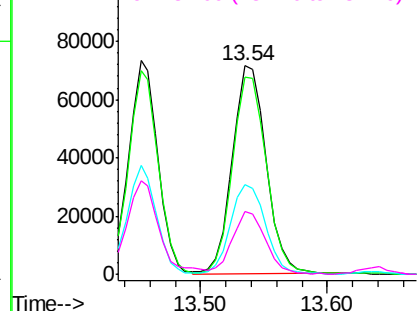
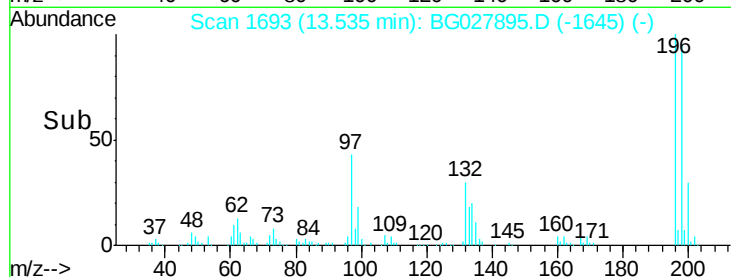
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

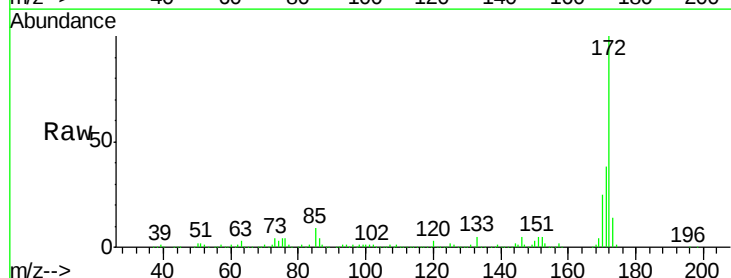
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.996 ng
 RT: 13.63 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	831905		
171	37.7	32.2	48.2	
170	24.5	21.8	32.6	

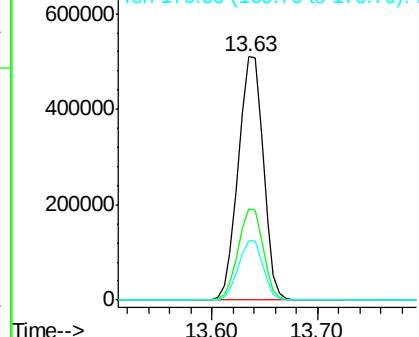
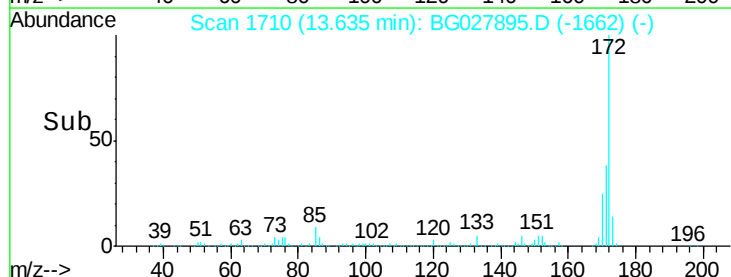


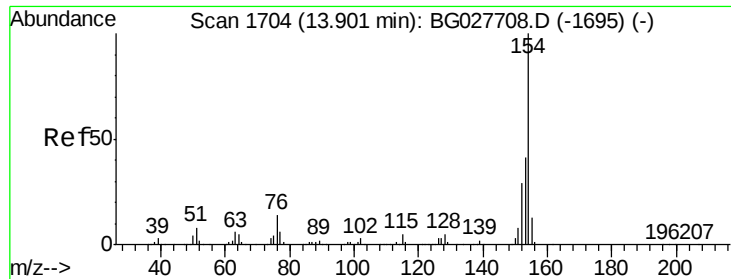
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





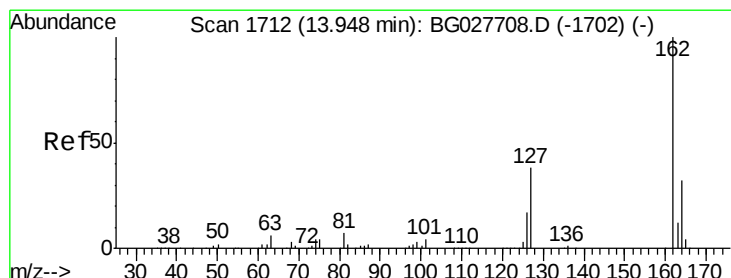
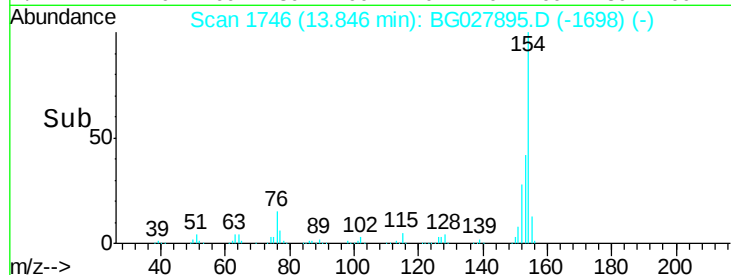
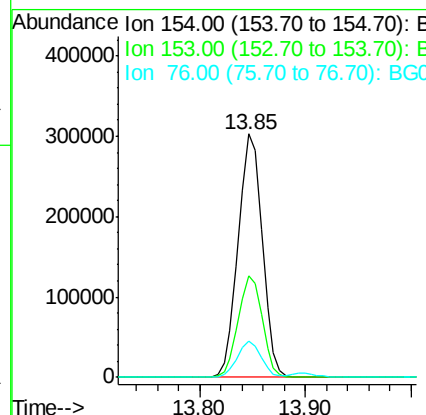
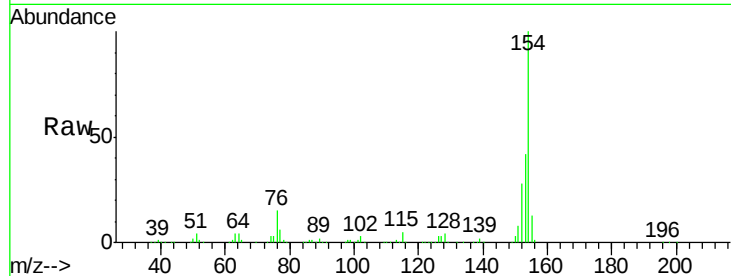
#45
 1,1'-Biphenyl
 Concen: 42.911 ng
 RT: 13.85 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	14.7	0.0	33.5

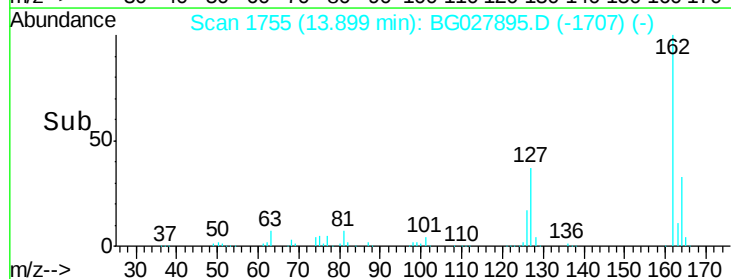
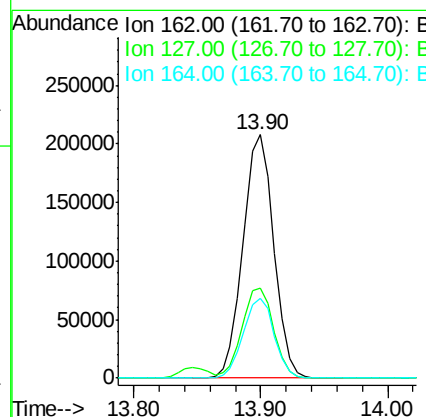
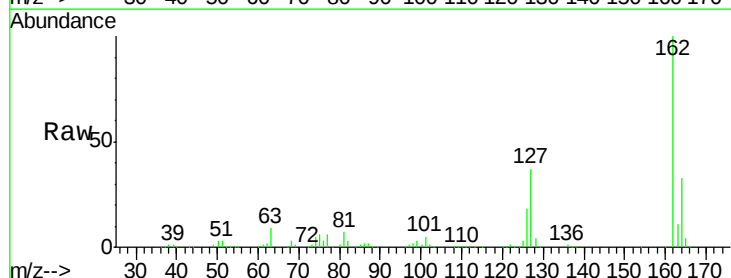
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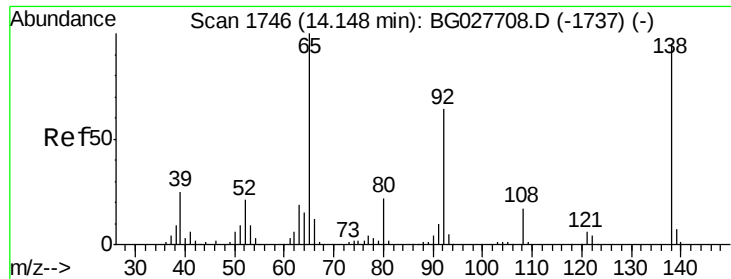
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#46
 2-Chloronaphthalene
 Concen: 41.759 ng
 RT: 13.90 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	32.2	48.4
164	32.8	27.3	40.9





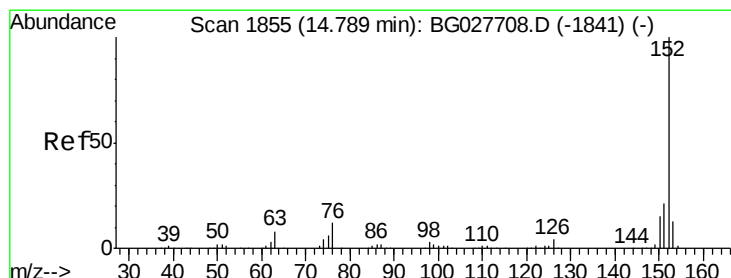
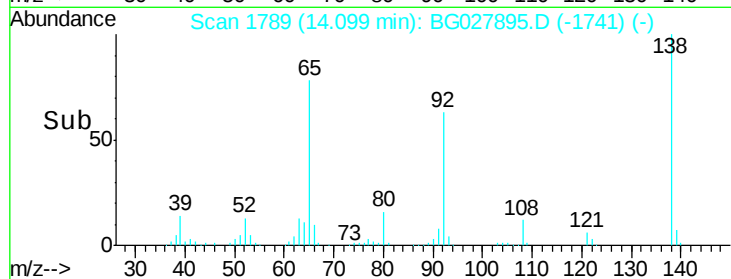
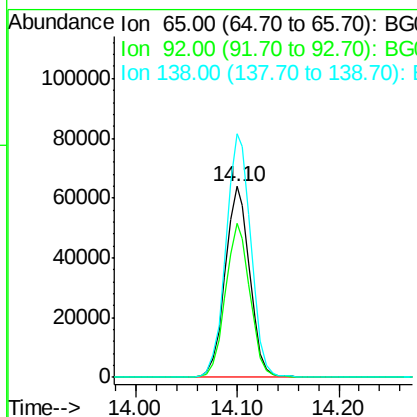
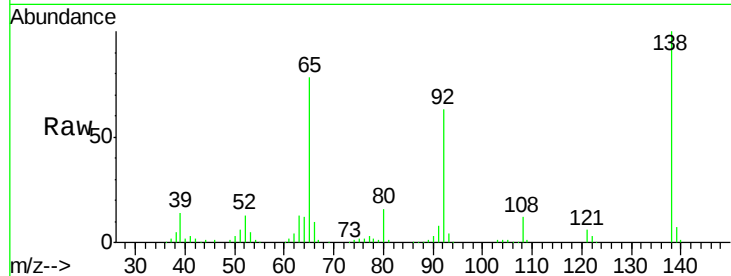
#47
 2-Nitroaniline
 Concen: 32.055 ng
 RT: 14.10 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion:	65	Resp:	107335
Ion Ratio	Lower	Upper	
65	100		
92	80.4	49.0	73.4#
138	127.5	58.6	87.8#

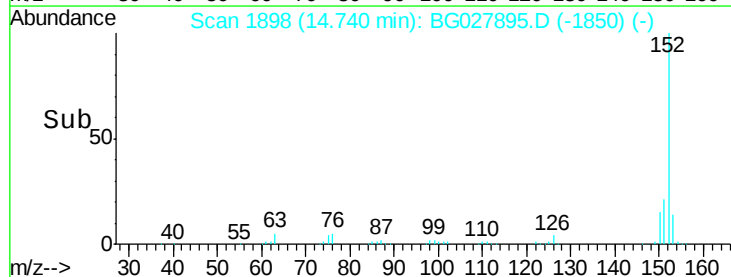
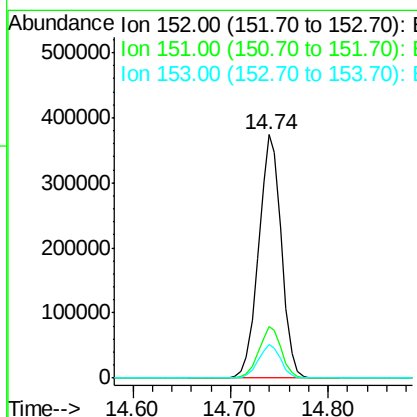
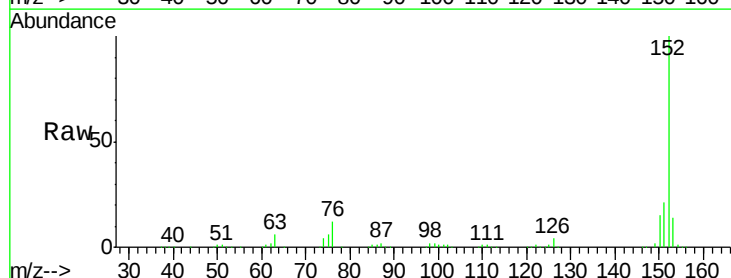
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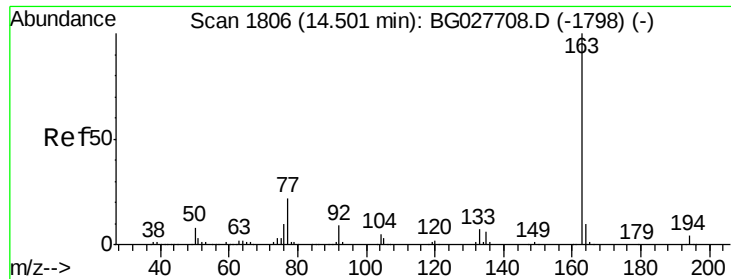
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#48
 Acenaphthylene
 Concen: 40.018 ng
 RT: 14.74 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion:	152	Resp:	611709
Ion Ratio	Lower	Upper	
152	100		
151	21.0	18.2	27.2
153	13.8	11.3	16.9





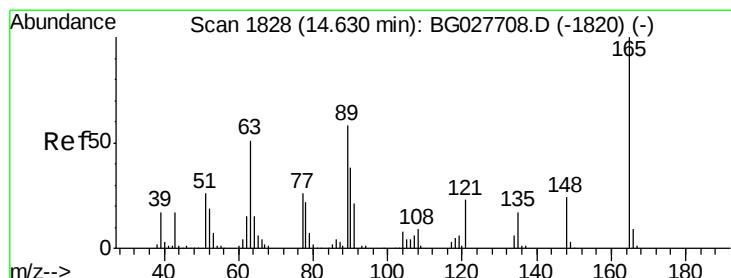
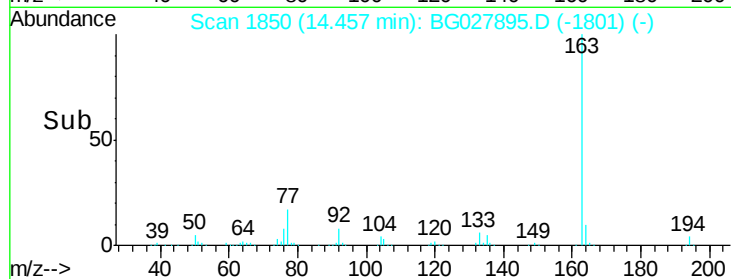
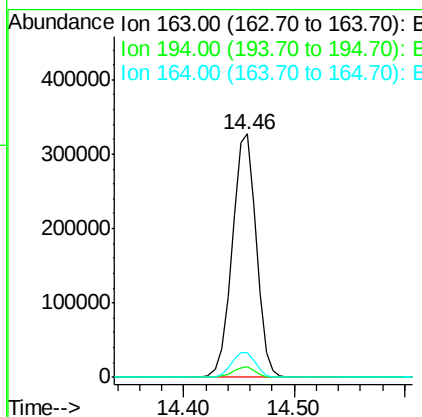
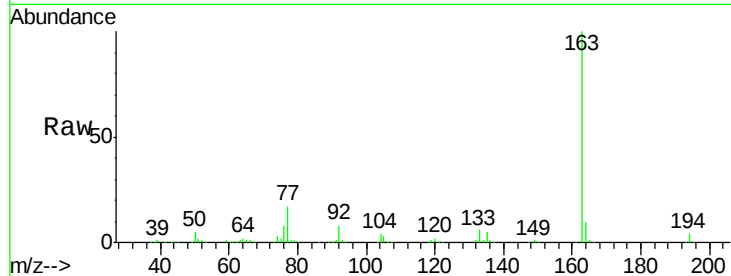
#49
Dimethylphthalate
Concen: 42.295 ng
RT: 14.46 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	498485		
194	4.4	3.8	5.6	
164	10.4	9.3	13.9	

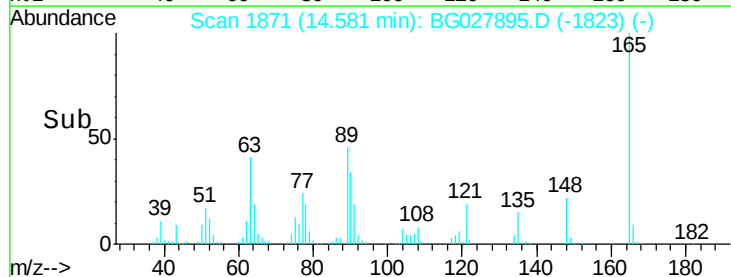
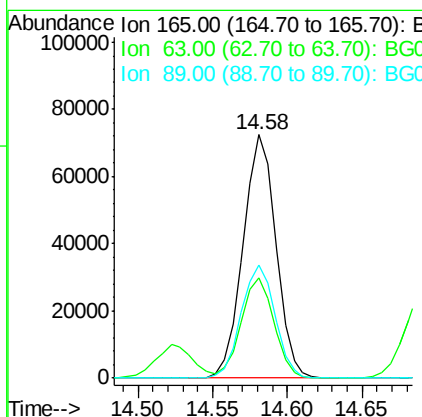
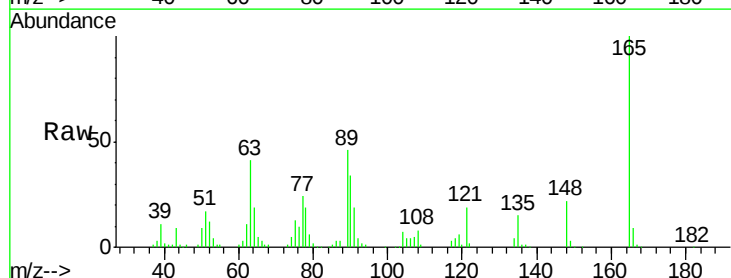
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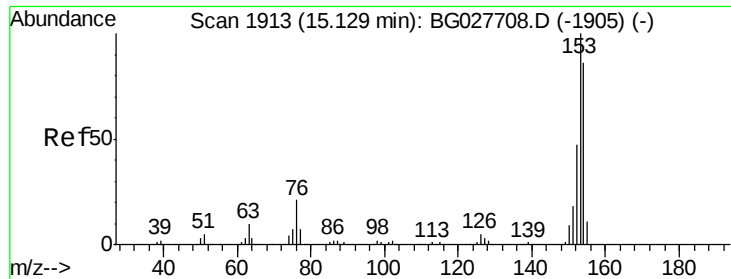
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.072 ng
RT: 14.58 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110352		
63	41.2	63.9	95.9#	
89	46.4	58.6	88.0#	





#51

Acenaphthene

Concen: 39.576 ng

RT: 15.08 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

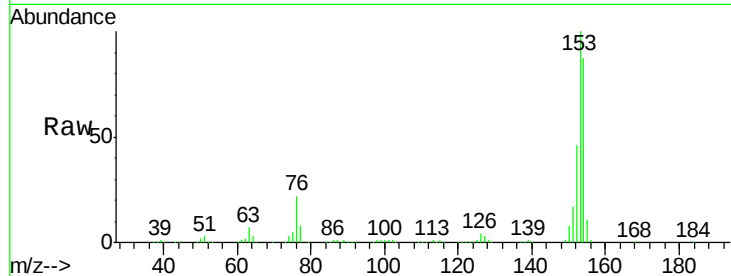
ClientSampleId :

HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	387729		
153	115.5	87.8	131.6	
152	53.7	42.2	63.4	

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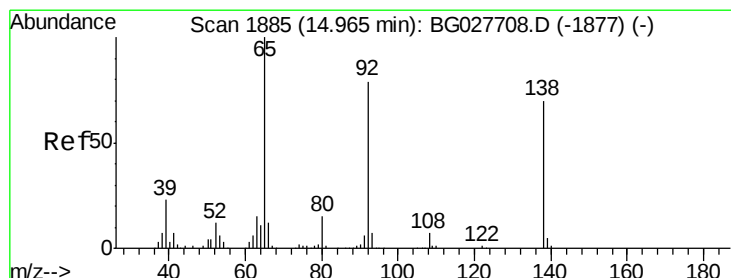
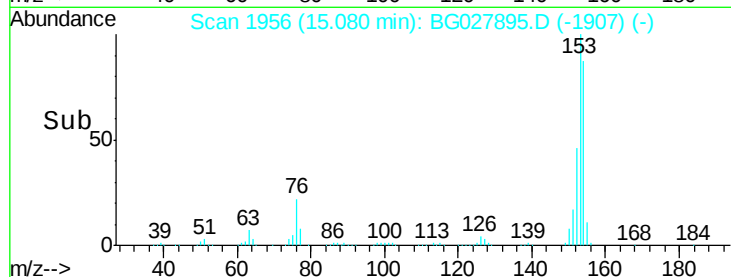
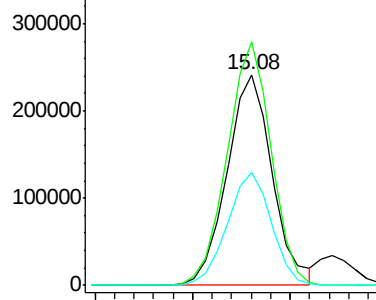


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.748 ng

RT: 14.92 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

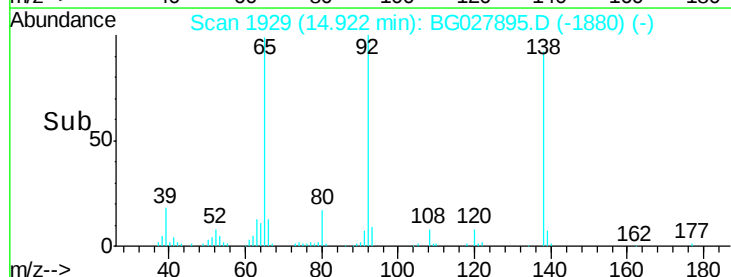
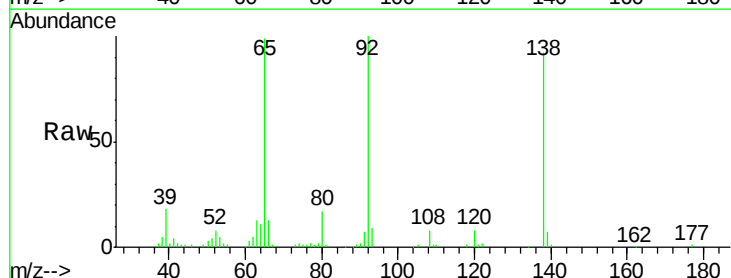
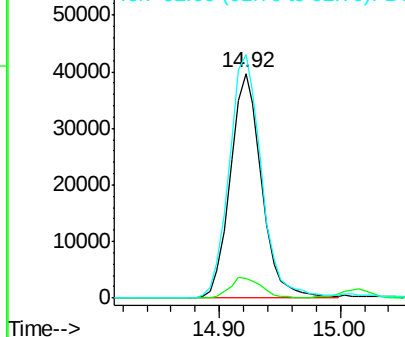
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	71580		
108	8.9	10.9	16.3#	
92	108.5	115.3	172.9#	

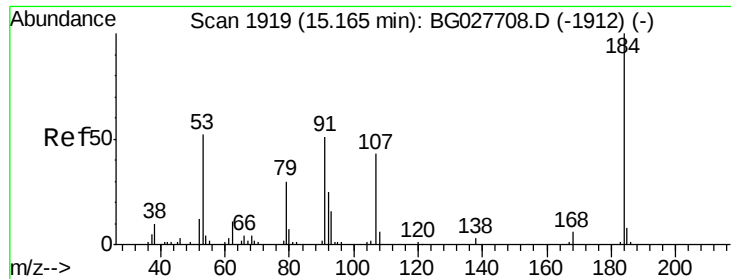
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





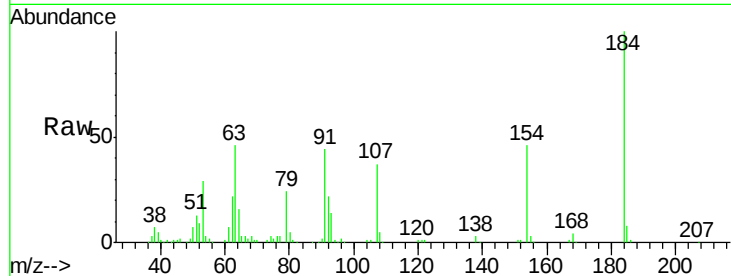
#53
 2,4-Dinitrophenol
 Concen: 87.768 ng
 RT: 15.12 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

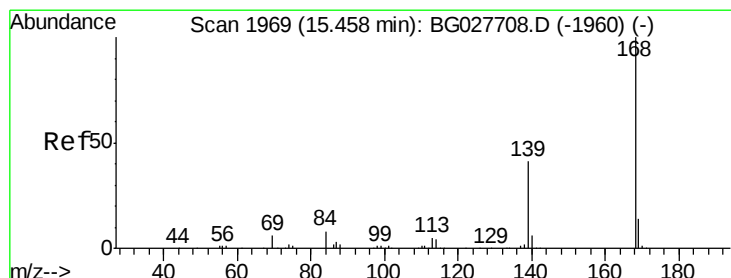
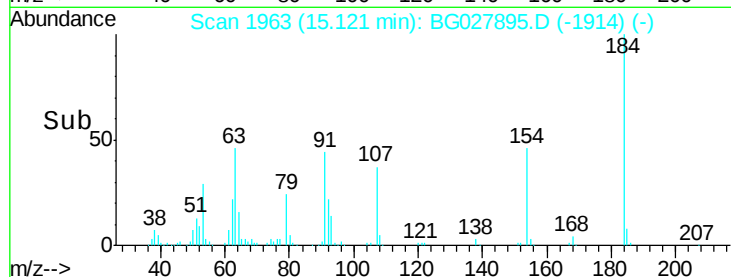
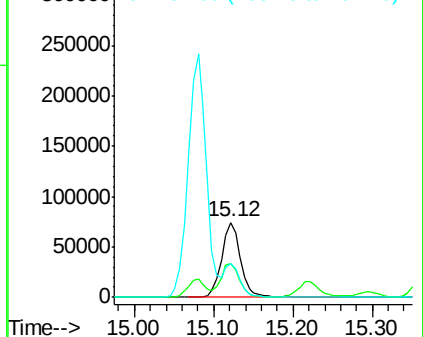
Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.7	52.7	79.1#
154	45.6	57.3	85.9#

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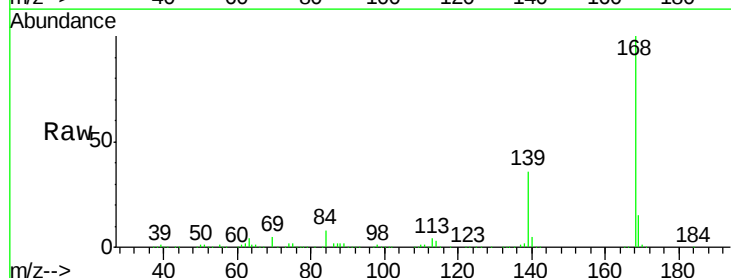


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

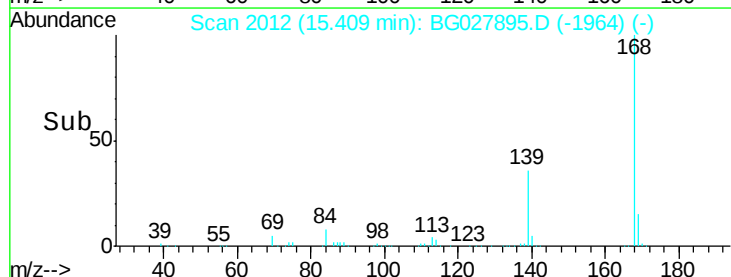
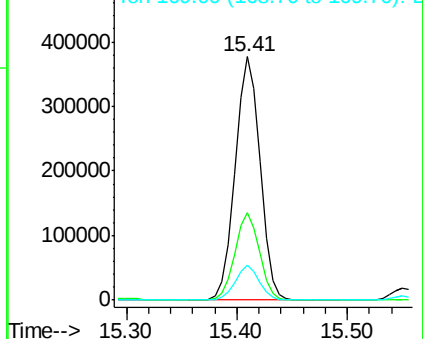


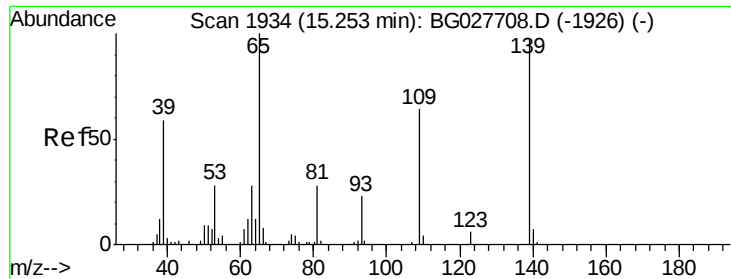
#54
 Dibenzofuran
 Concen: 45.989 ng
 RT: 15.41 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	35.3	52.9
169	14.5	11.5	17.3



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





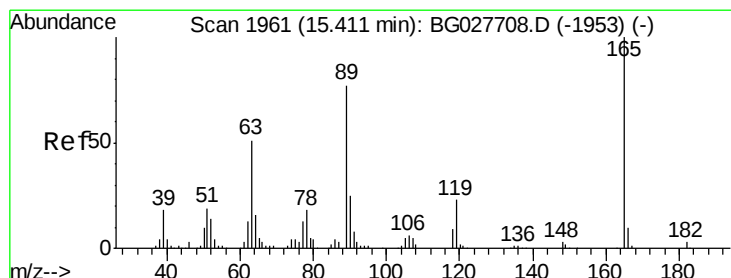
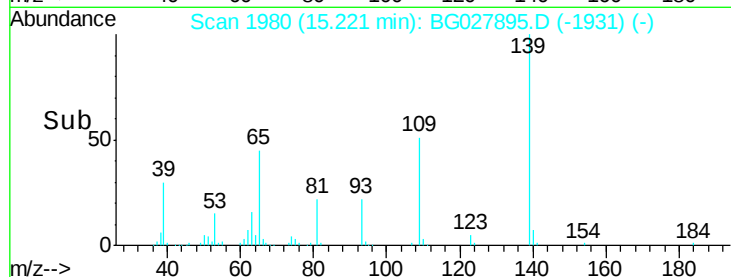
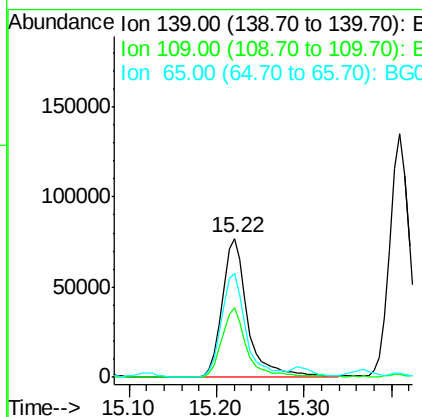
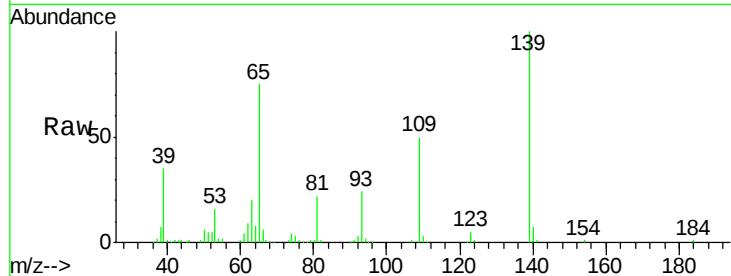
#55
4-Nitrophenol
Concen: 67.660 ng
RT: 15.22 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion:139 Resp: 155674
Ion Ratio Lower Upper
139 100
109 50.0 101.2 141.2#
65 74.7 135.3 175.3#

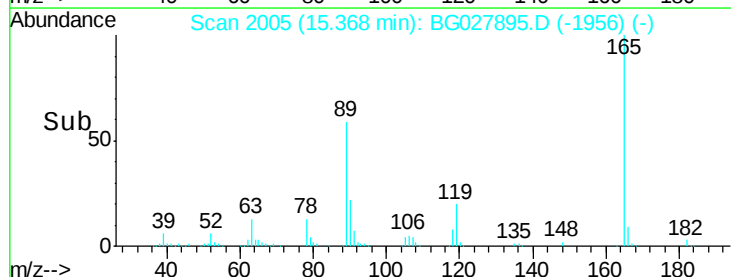
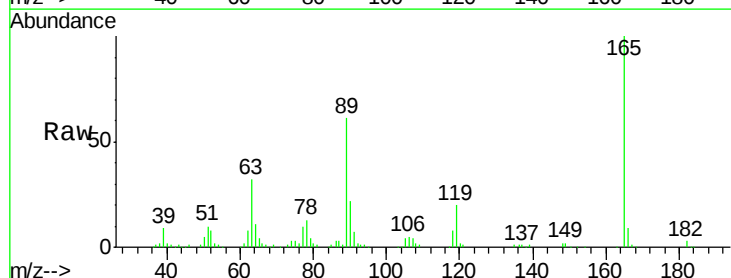
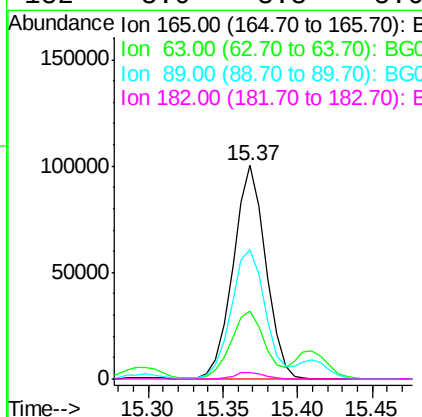
Manual Integrations
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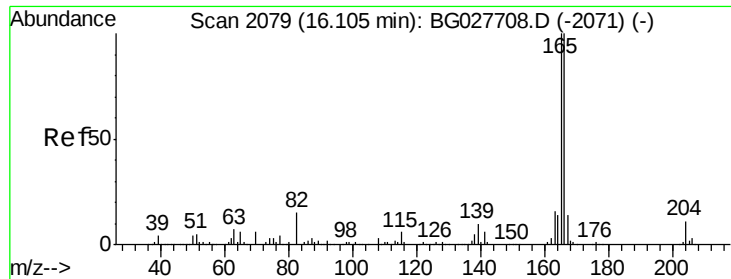
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.676 ng
RT: 15.37 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion:165 Resp: 152504
Ion Ratio Lower Upper
165 100
63 31.6 44.0 66.0#
89 60.6 67.3 100.9#
182 3.0 3.8 5.6#





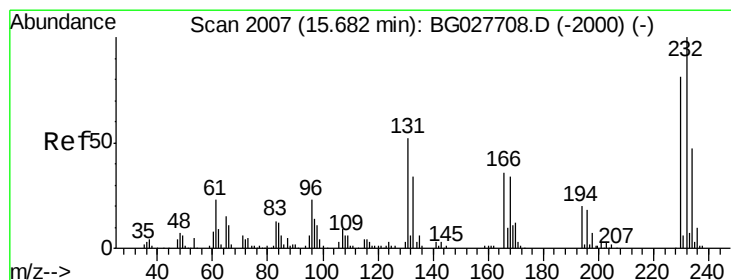
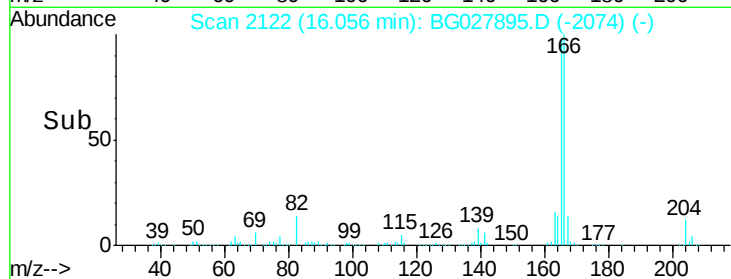
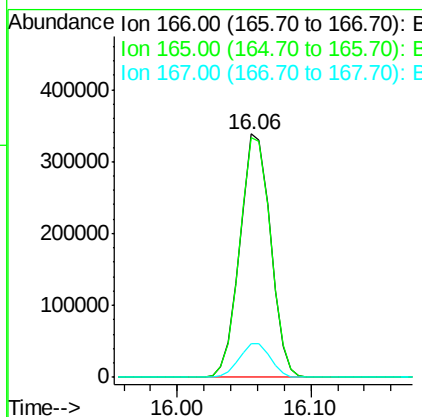
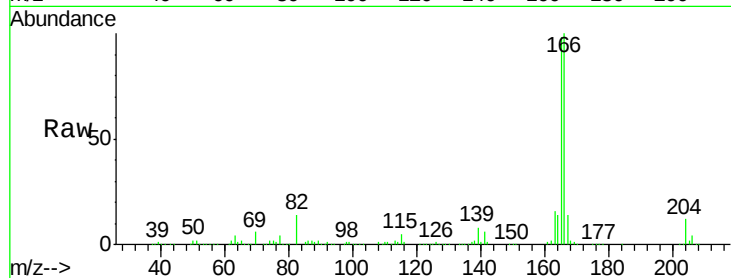
#57
Fluorene
 Concen: 42.732 ng
 RT: 16.06 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	536742		
165	98.3		78.6	117.8
167	14.0		11.6	17.4

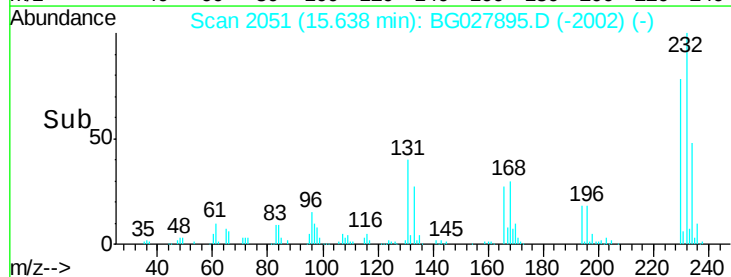
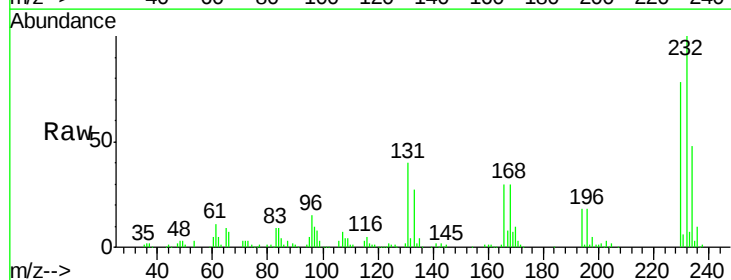
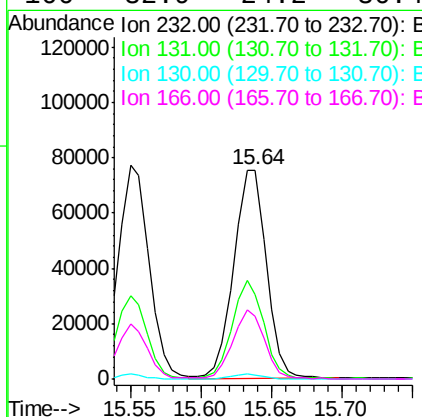
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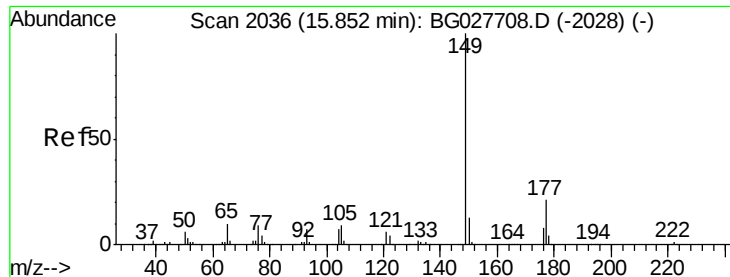
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.353 ng
 RT: 15.64 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	121279		
131	45.4		34.9	52.3
130	2.1		2.3	3.5#
166	32.9		24.2	36.4





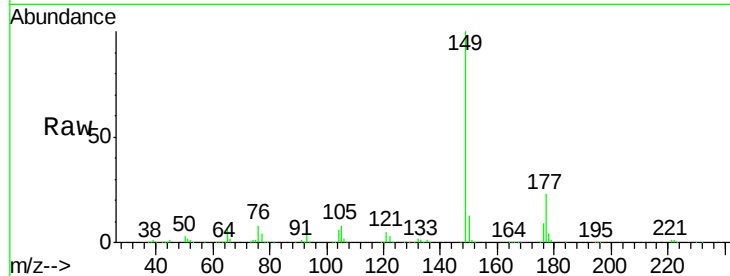
#59
Diethylphthalate
Concen: 40.045 ng
RT: 15.81 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

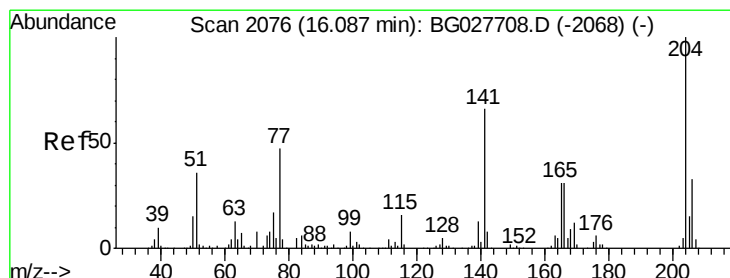
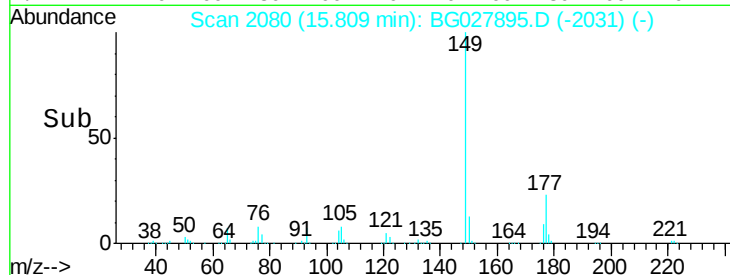
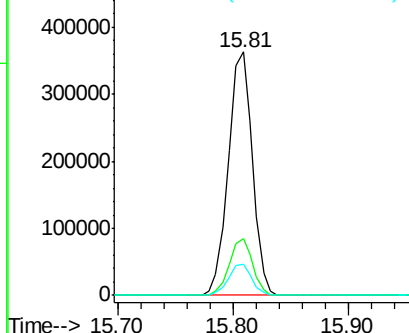
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	522604		
177	23.4	20.1	30.1	
150	12.9	10.2	15.2	

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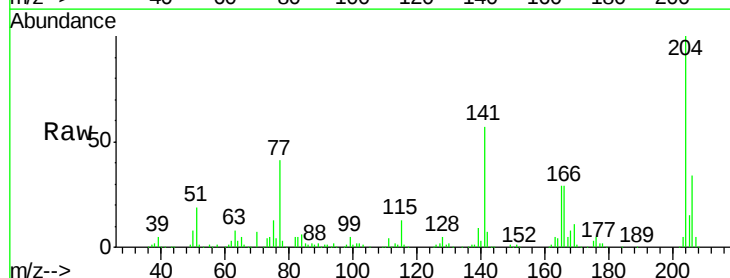


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

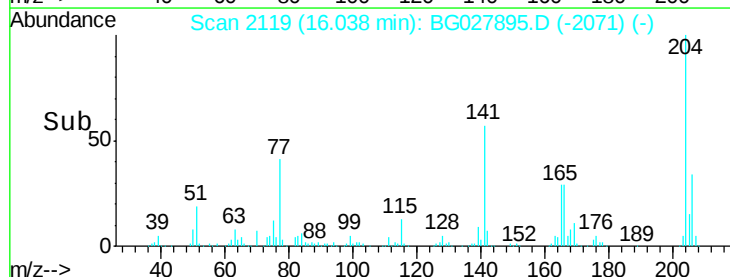
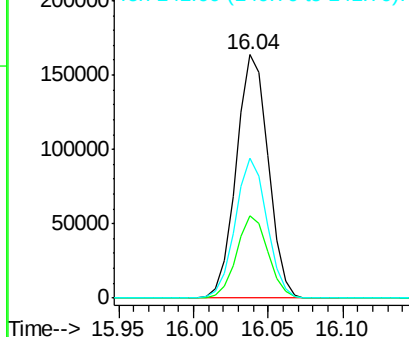


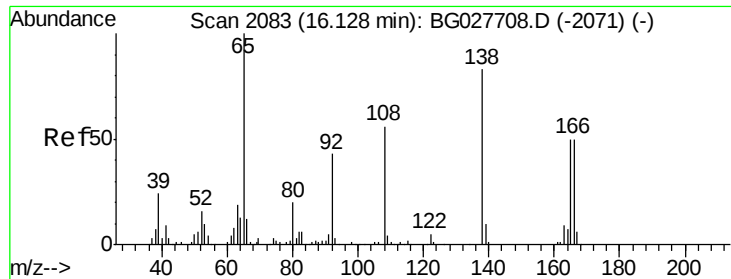
#60
4-Chlorophenyl-phenylether
Concen: 43.915 ng
RT: 16.04 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	244182		
206	33.8	30.1	45.1	
141	57.3	50.6	76.0	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





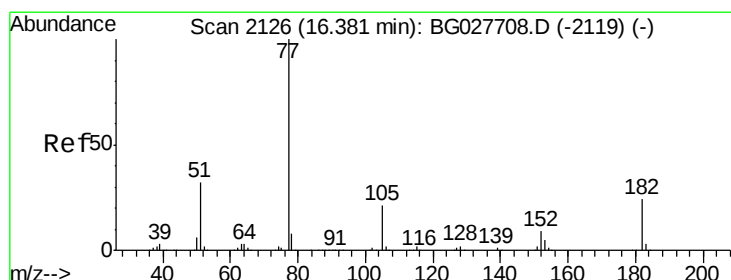
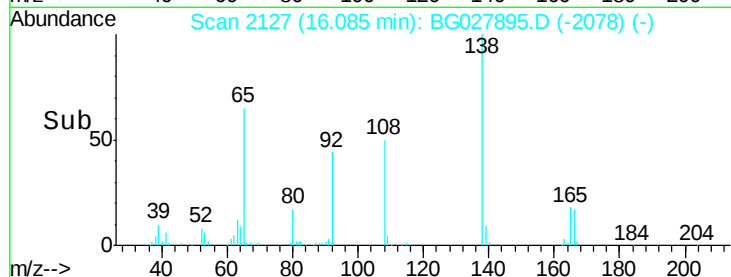
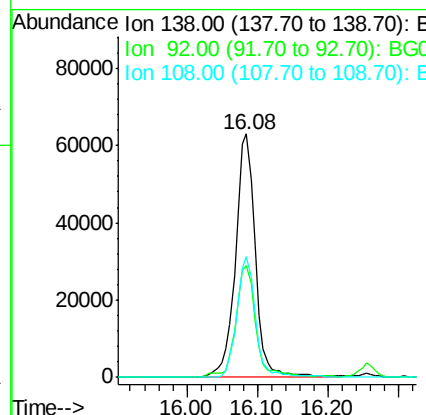
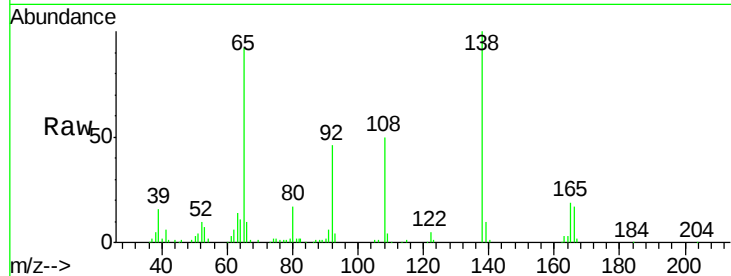
#61
4-Nitroaniline
Concen: 39.405 ng
RT: 16.08 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	123737		
92	46.1	44.2	84.2	
108	49.8	104.8	144.8	

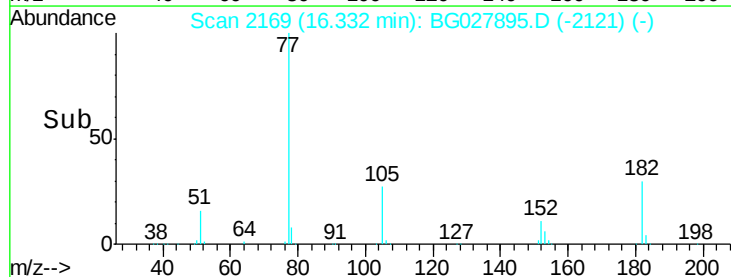
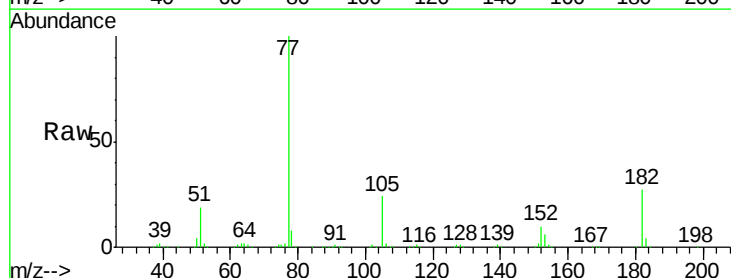
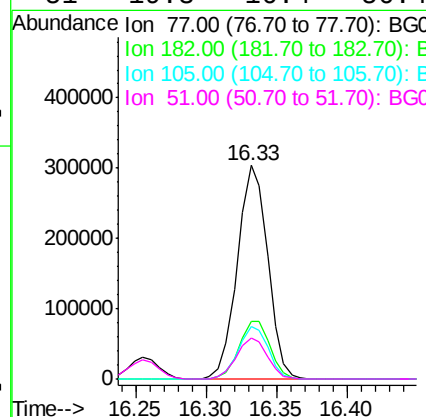
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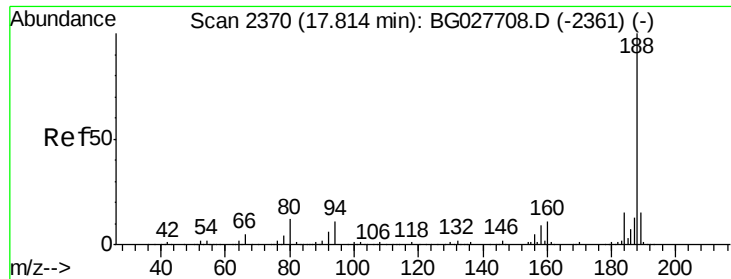
mohammad
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#62
Azobenzene
Concen: 39.681 ng
RT: 16.33 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	455053		
182	27.0	4.7	44.7	
105	24.5	0.0	36.3	
51	19.3	16.4	56.4	





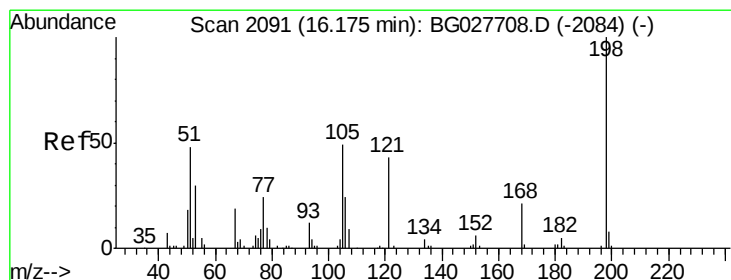
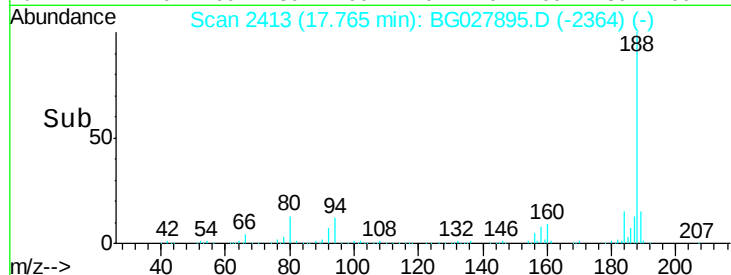
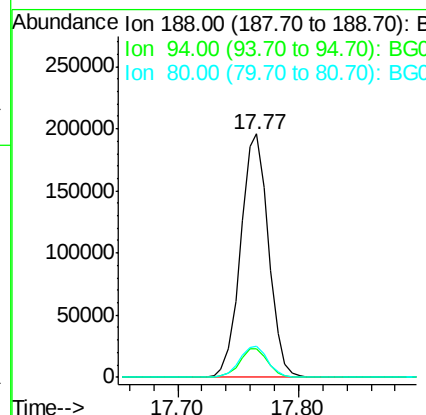
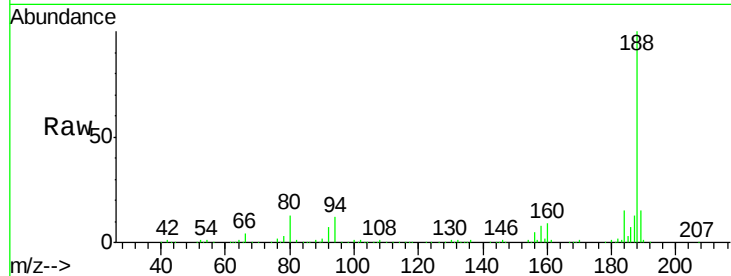
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.77 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	314298		
94	11.8	5.8	8.8#	
80	12.8	7.5	11.3#	

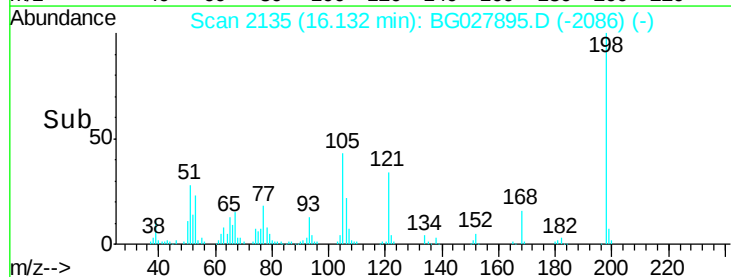
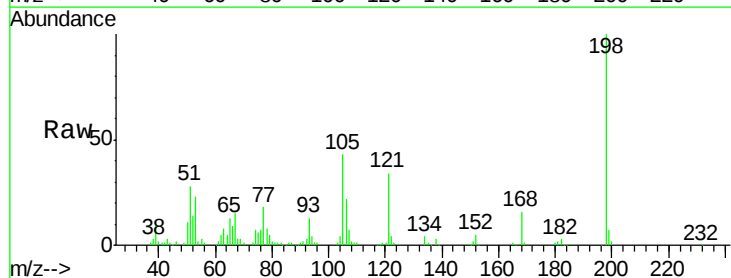
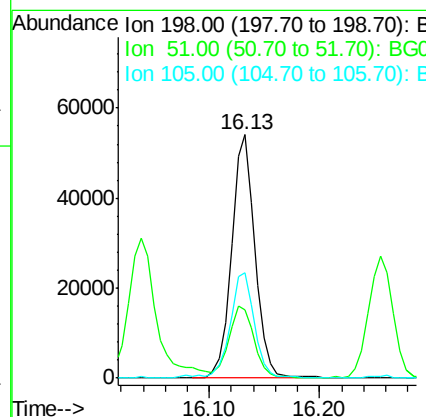
Manual Integrations
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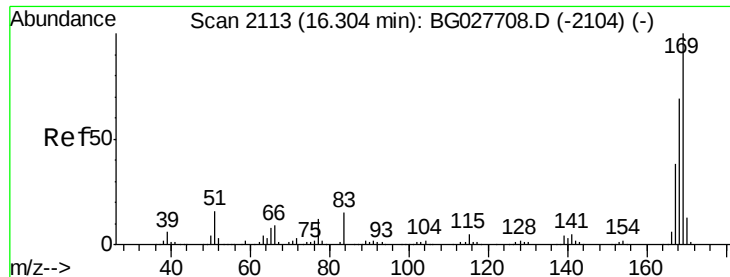
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.625 ng
 RT: 16.13 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	79843		
51	28.2	22.6	62.6	
105	43.1	14.4	54.4	





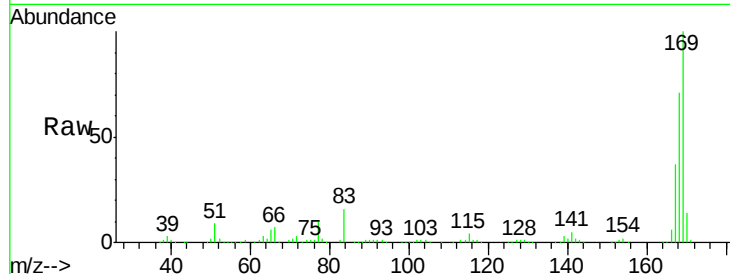
#65
 n-Nitrosodiphenylamine
 Concen: 45.376 ng
 RT: 16.26 min Scan# 2156
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

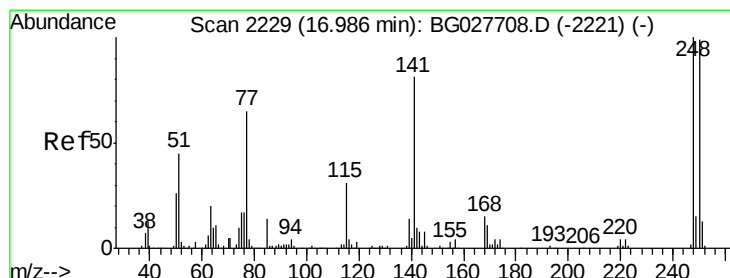
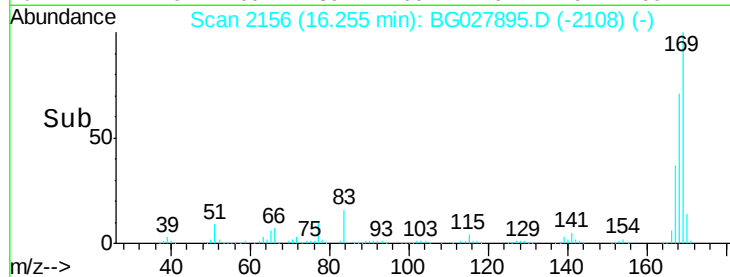
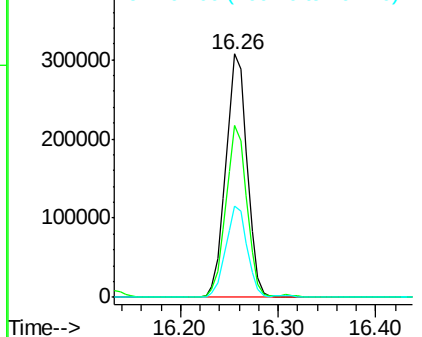
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	463925		
168	70.5	55.7	83.5	
167	37.4	29.8	44.6	

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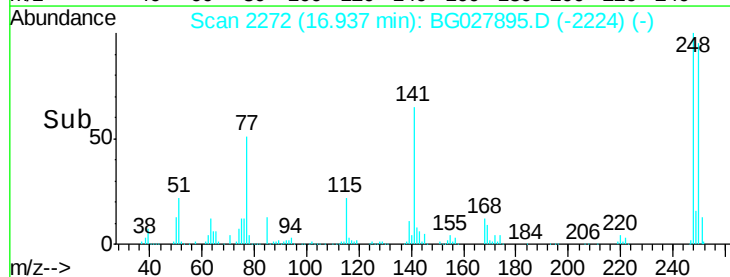
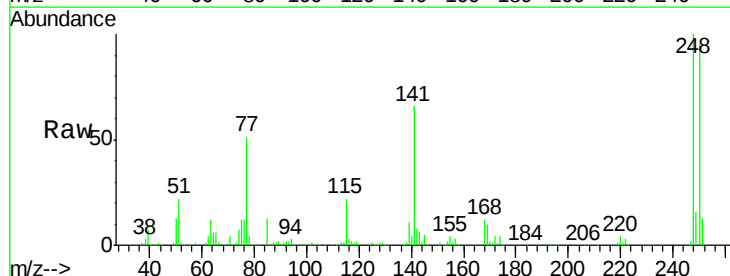
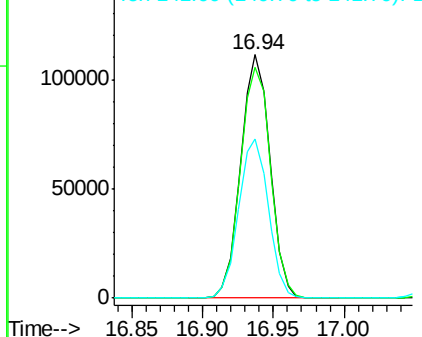
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

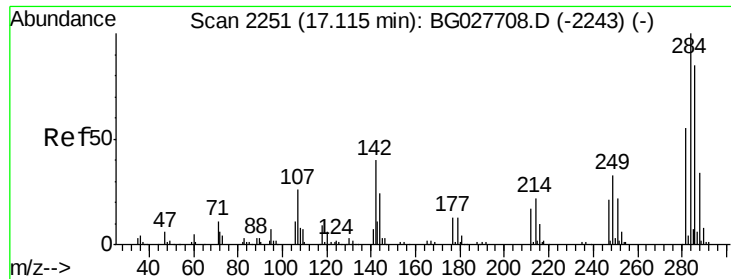


#66
 4-Bromophenyl-phenylether
 Concen: 49.200 ng
 RT: 16.94 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	161733		
250	94.9	75.0	112.6	
141	65.6	55.2	82.8	

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





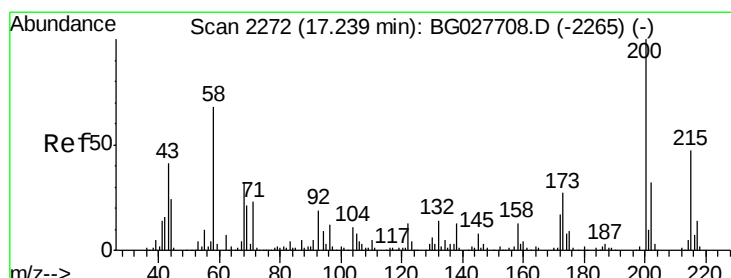
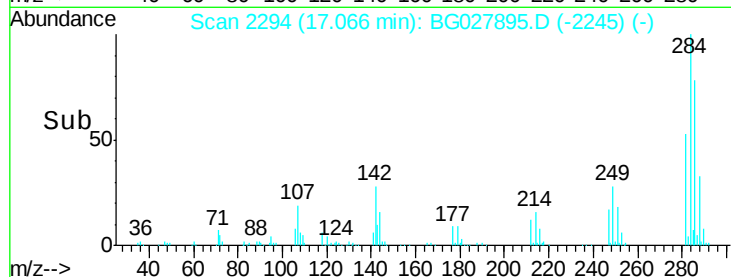
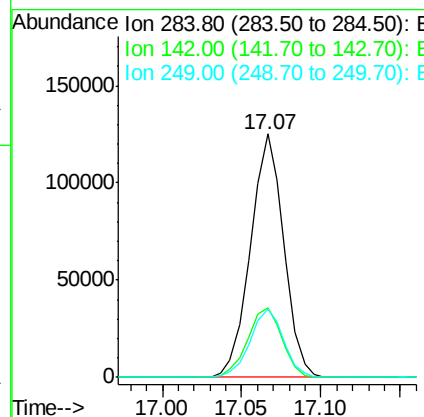
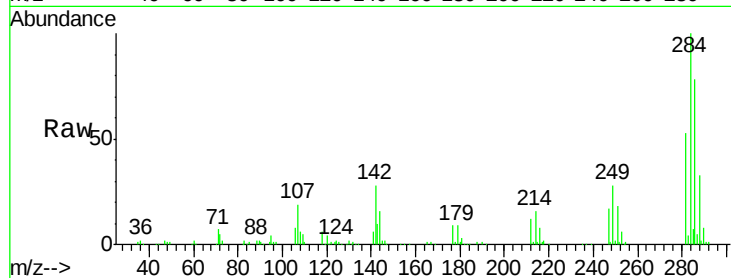
#67
Hexachlorobenzene
Concen: 52.266 ng
RT: 17.07 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.5	29.9	44.9#
249	28.0	29.2	43.8#

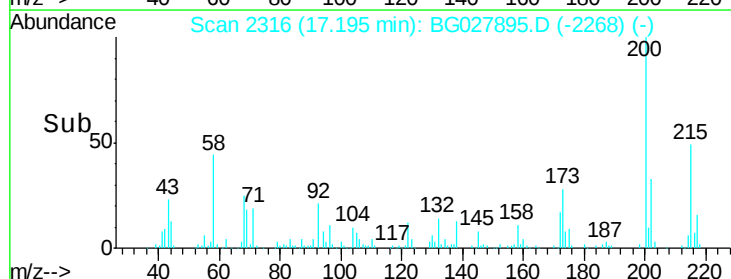
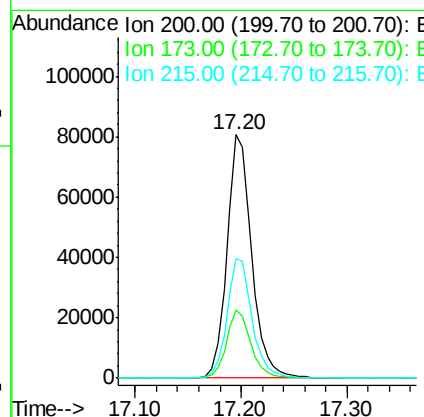
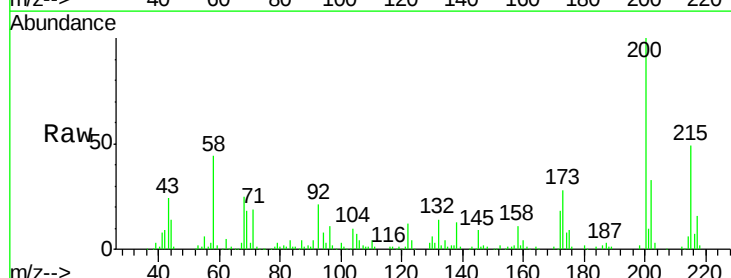
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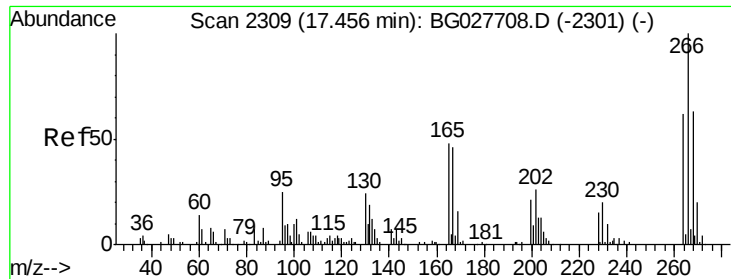
mohammad
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#68
Atrazine
Concen: 40.194 ng
RT: 17.20 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	3.0	43.0
215	48.9	28.4	68.4





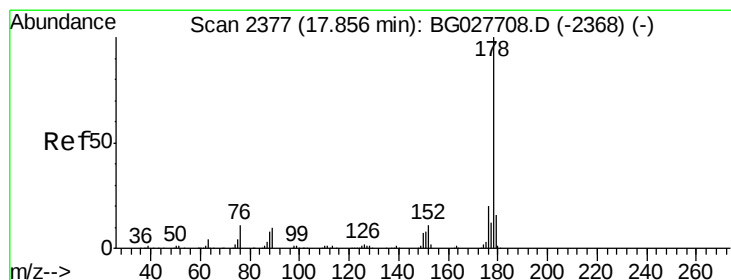
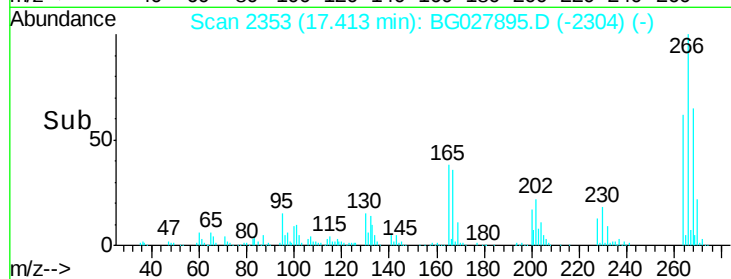
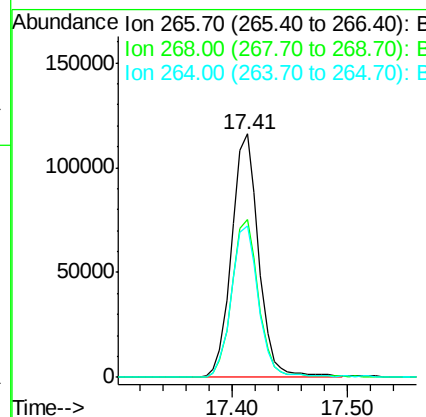
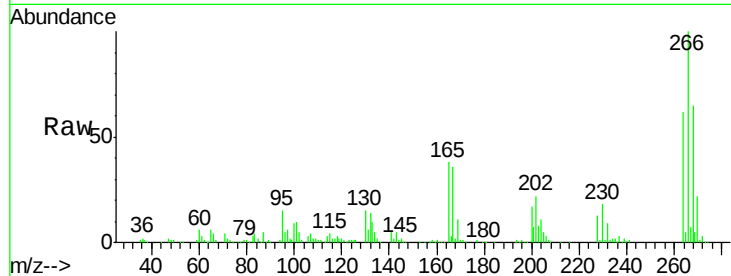
#69
 Pentachlorophenol
 Concen: 84.468 ng
 RT: 17.41 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	188573		
268	64.8	48.6	72.8	
264	62.5	50.1	75.1	

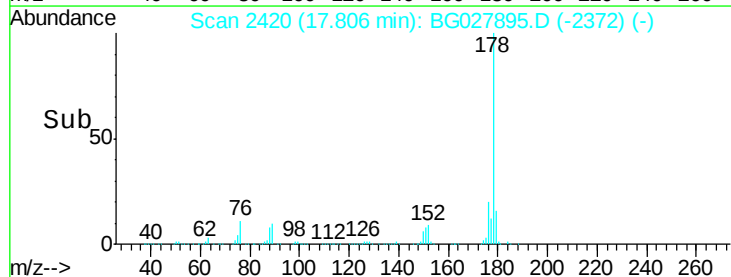
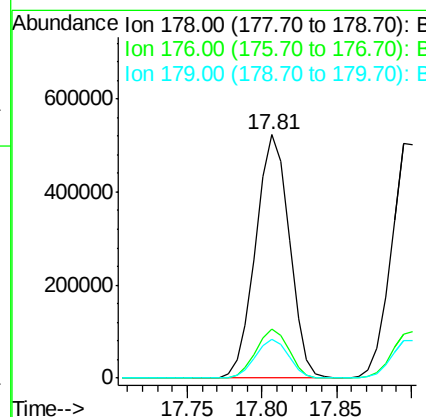
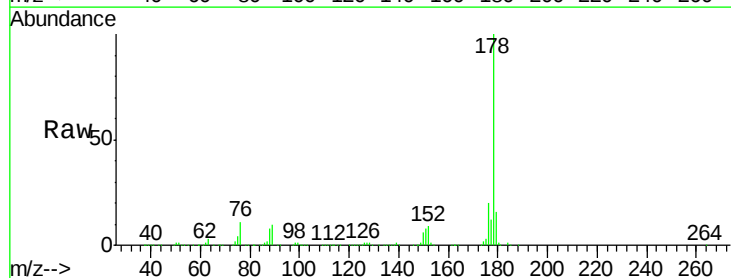
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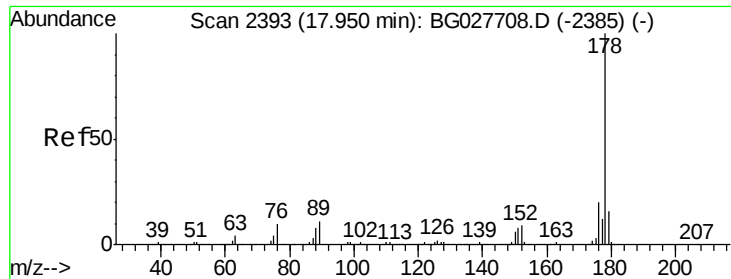
mohammad
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#70
 Phenanthrene
 Concen: 44.981 ng
 RT: 17.81 min Scan# 2420
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	816163		
176	20.1	17.7	26.5	
179	16.0	15.0	22.6	





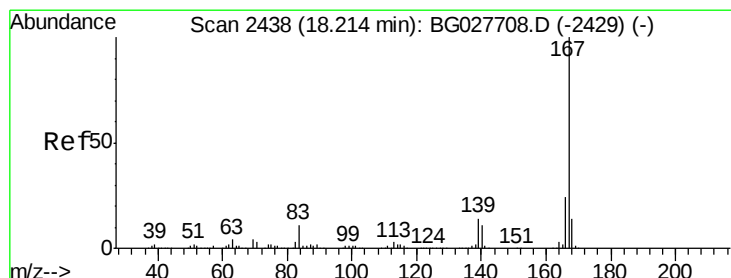
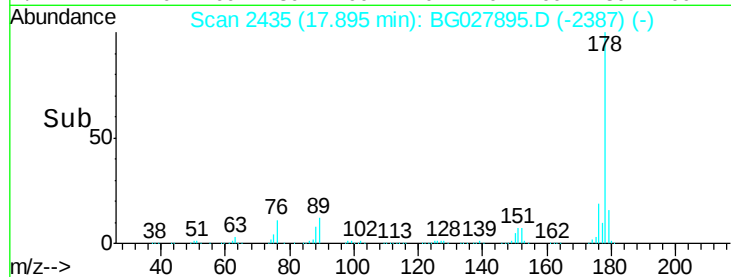
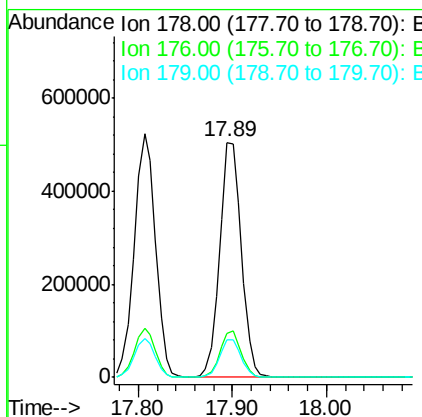
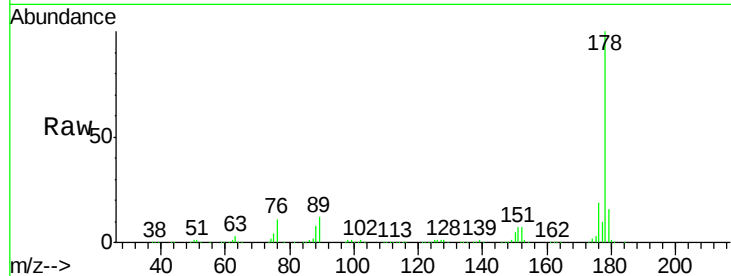
#71
 Anthracene
 Concen: 44.178 ng
 RT: 17.89 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	15.7	13.8	20.8

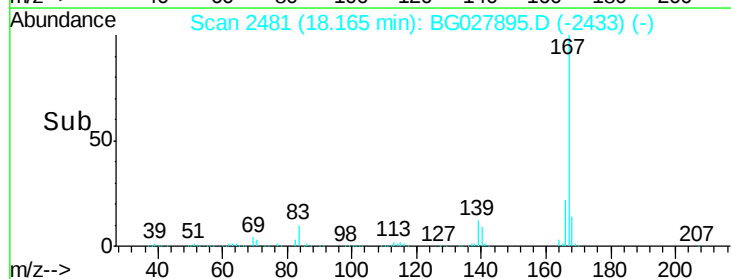
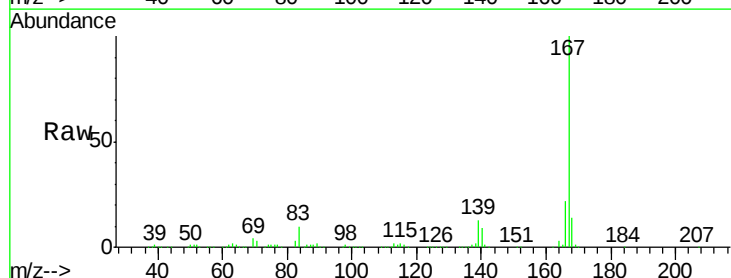
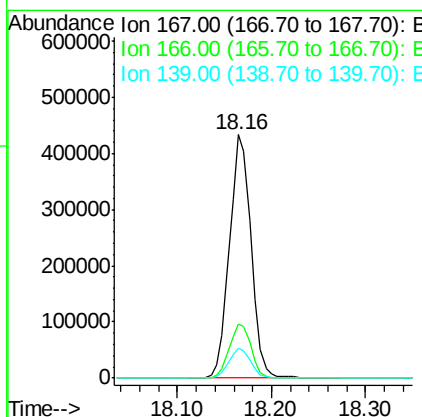
Manual Integrations
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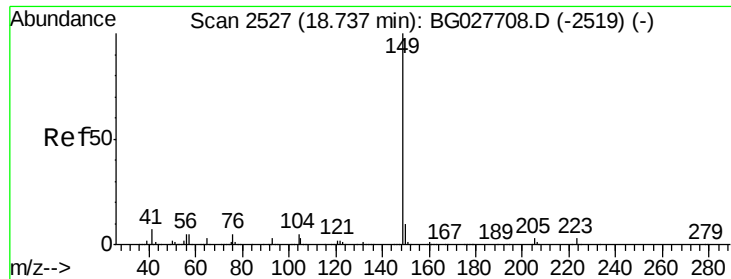
mohammad
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#72
 Carbazole
 Concen: 38.377 ng
 RT: 18.16 min Scan# 2481
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	20.2	30.2
139	12.5	12.8	19.2#





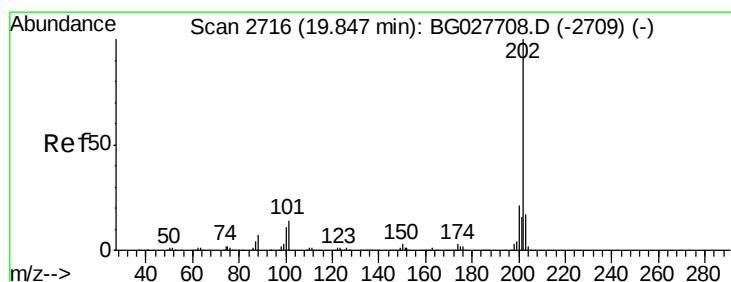
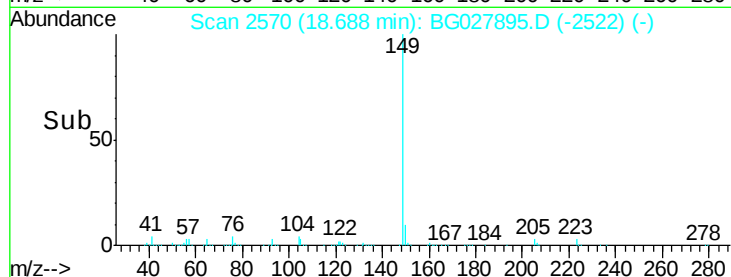
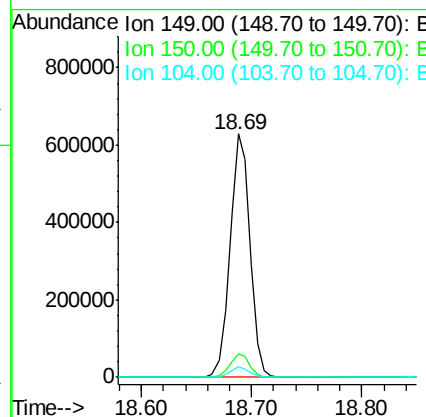
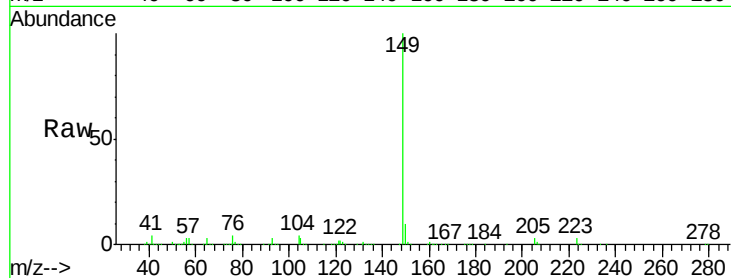
#73
Di-n-butylphthalate
Concen: 39.917 ng
RT: 18.69 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.7	9.1	13.7
104	4.2	6.7	10.1

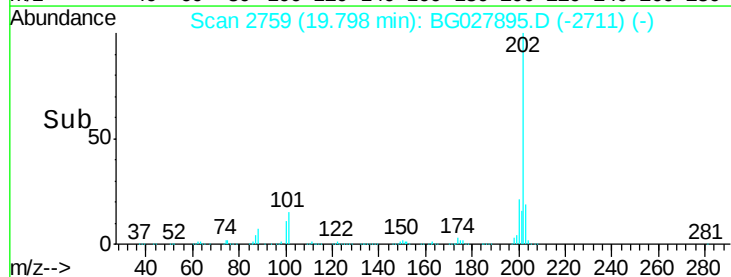
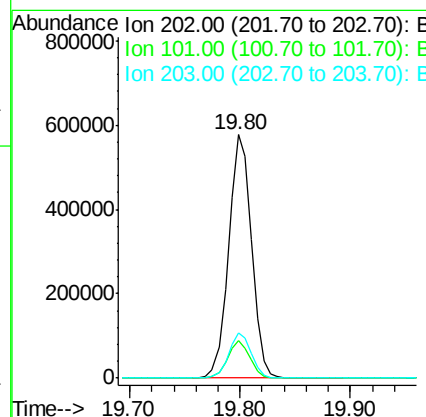
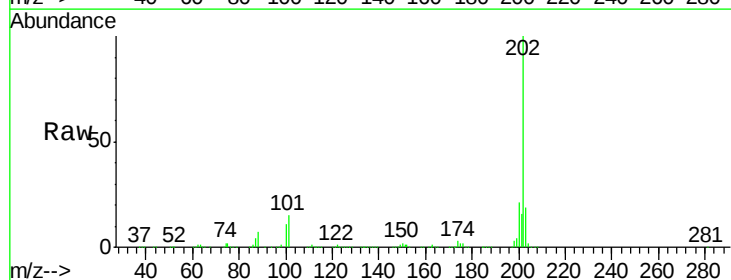
Manual Integrations
APPROVED

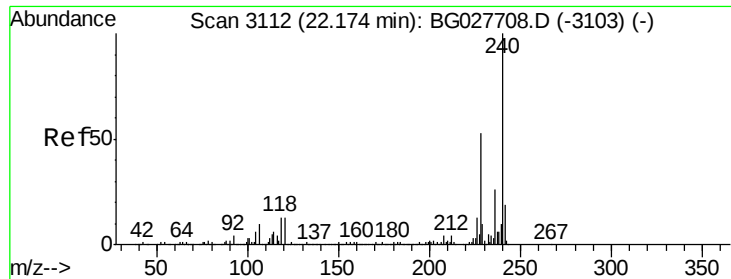
mohammad
7/11/2017 3:34:40 PM



#74
Fluoranthene
Concen: 42.002 ng
RT: 19.80 min Scan# 2759
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	0.0	30.1
203	18.7	1.3	41.3





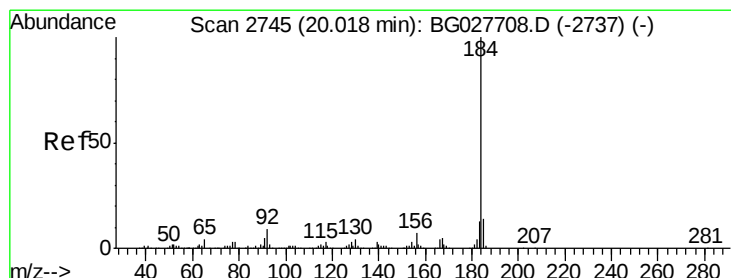
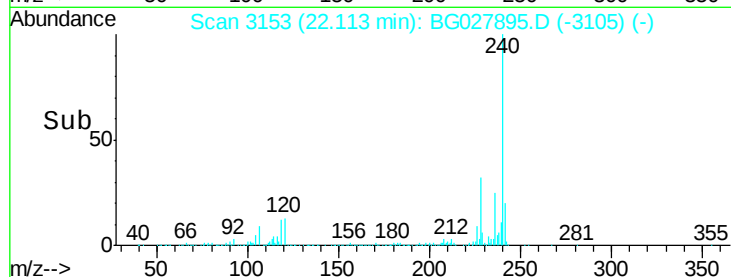
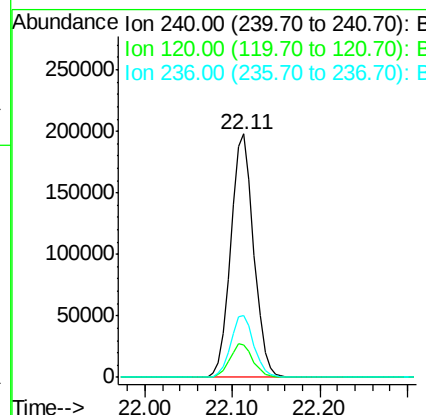
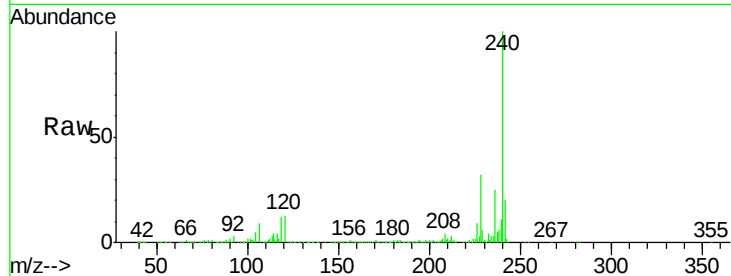
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.11 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.7	8.5#
236	25.4	22.2	33.4

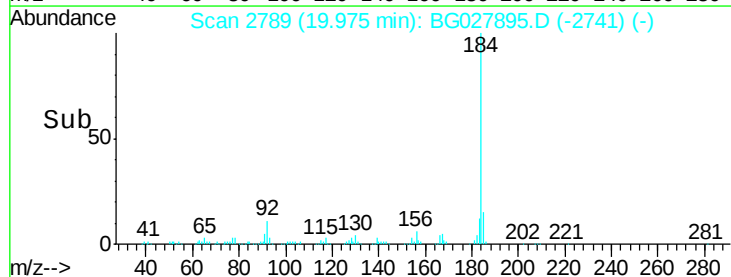
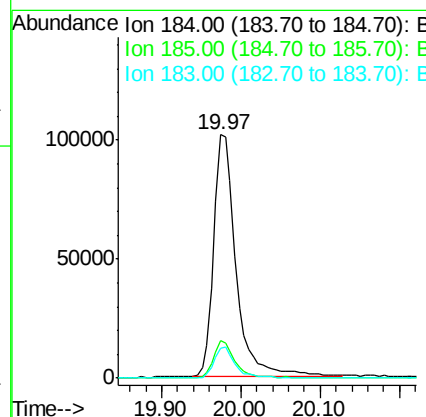
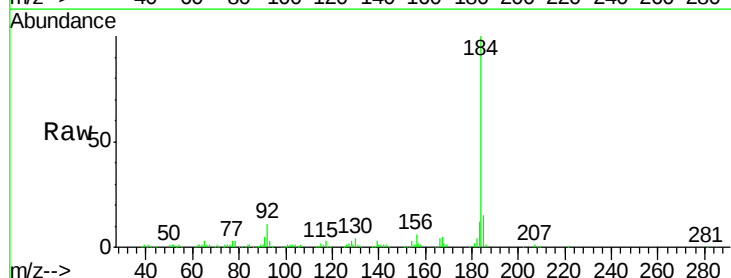
Manual Integrations
APPROVED

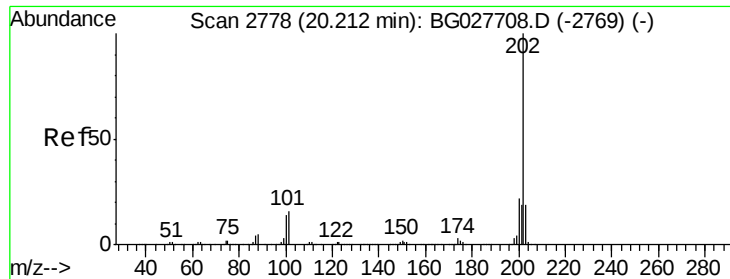
mohammad
7/11/2017 3:34:40 PM



#76
Benzidine
Concen: 25.378 ng
RT: 19.97 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	12.3	11.0	16.6





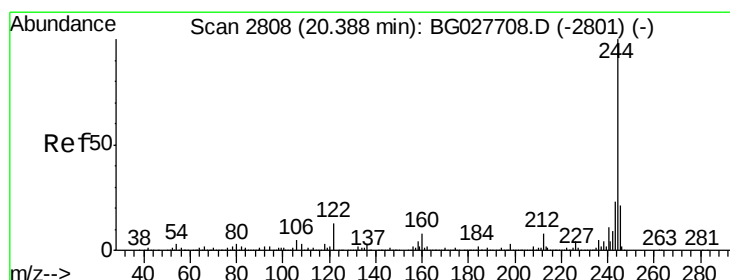
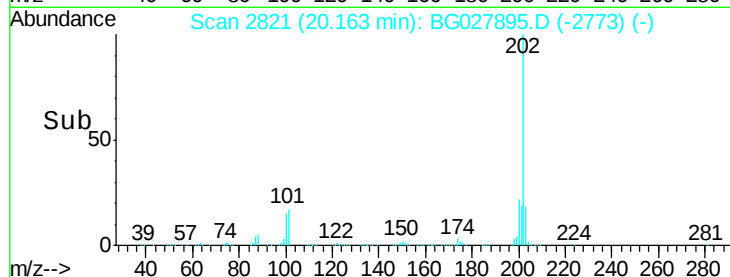
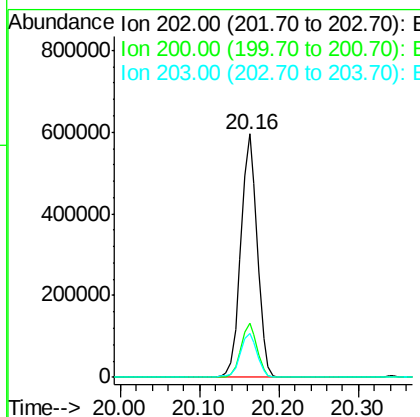
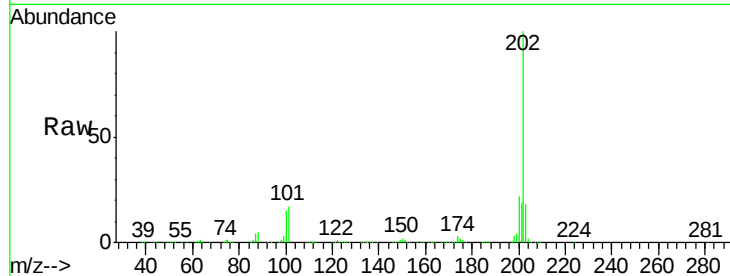
#77
 Pyrene
 Concen: 38.334 ng
 RT: 20.16 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	851791		
200	22.3	19.6	29.4	
203	18.3	15.8	23.8	

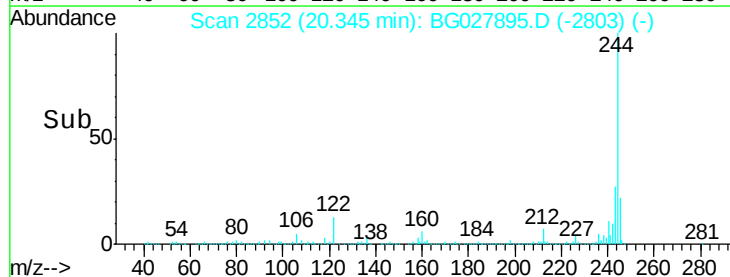
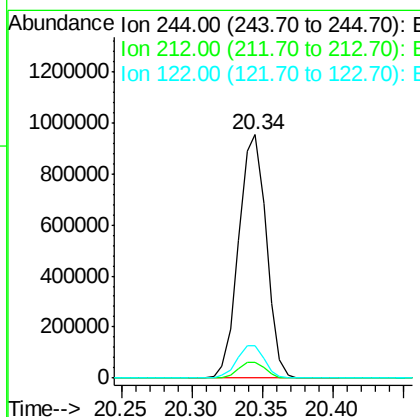
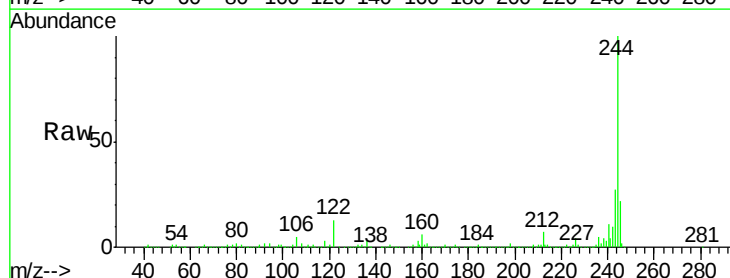
Manual Integrations
 APPROVED

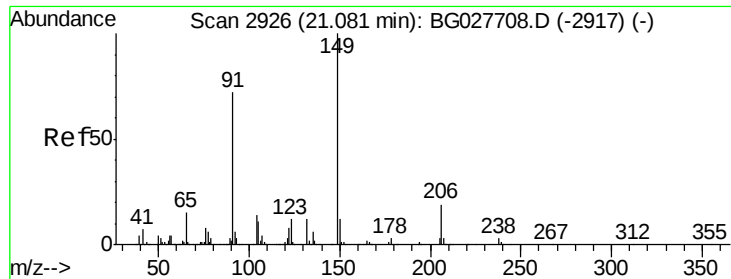
mohammad
 7/11/2017 3:34:40 PM



#78
 Terphenyl-d14
 Concen: 86.314 ng
 RT: 20.34 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1303593		
212	6.6	10.0	15.0#	
122	13.1	8.6	12.8#	





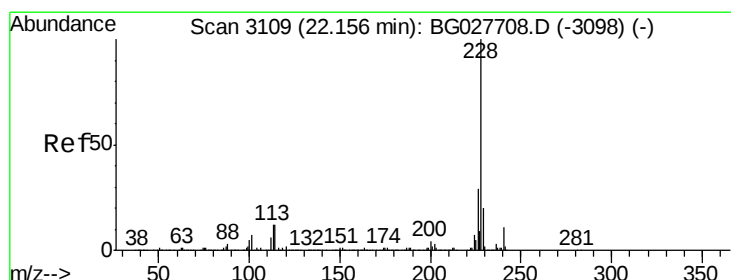
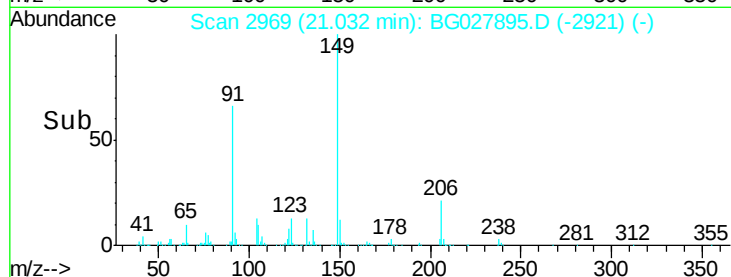
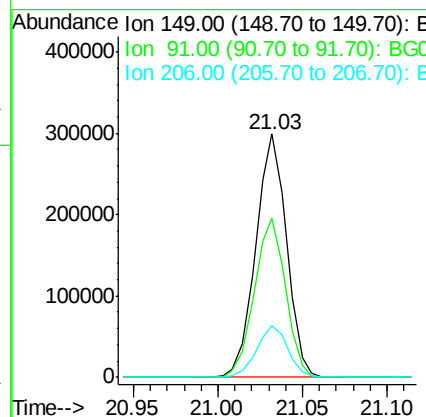
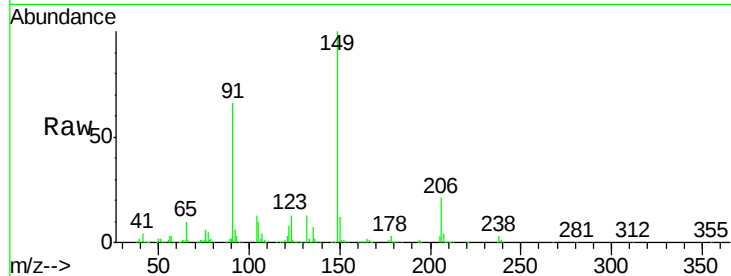
#79
Butylbenzylphthalate
Concen: 37.889 ng
RT: 21.03 min Scan# 2969
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.6	63.5	95.3
206	21.5	21.0	31.6

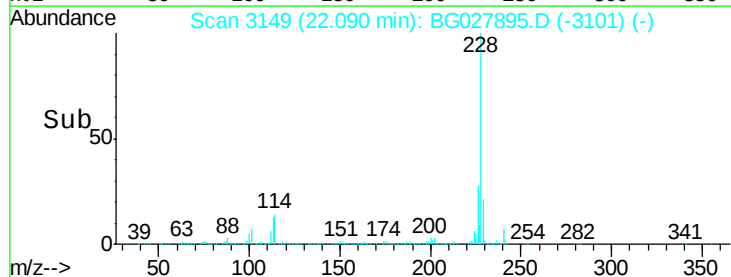
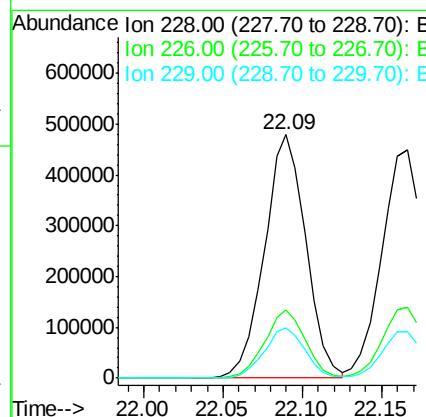
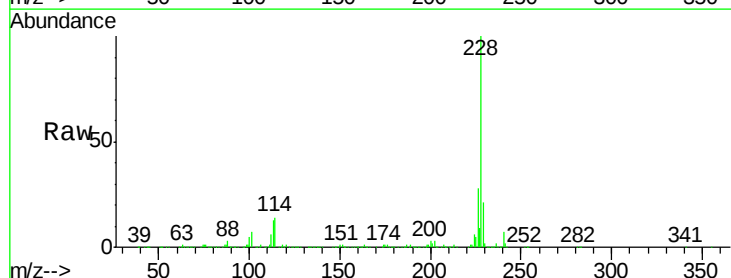
Manual Integrations
APPROVED

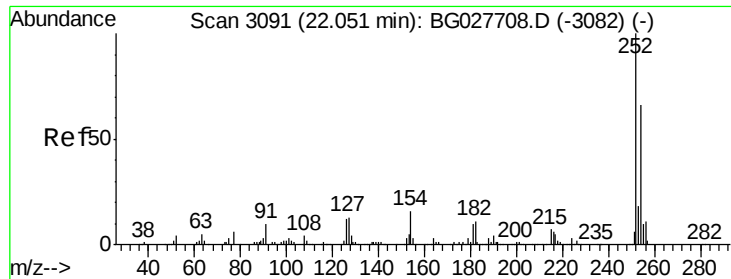
mohammad
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#80
Benzo(a)anthracene
Concen: 40.465 ng
RT: 22.09 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	24.9	37.3
229	20.6	18.2	27.2





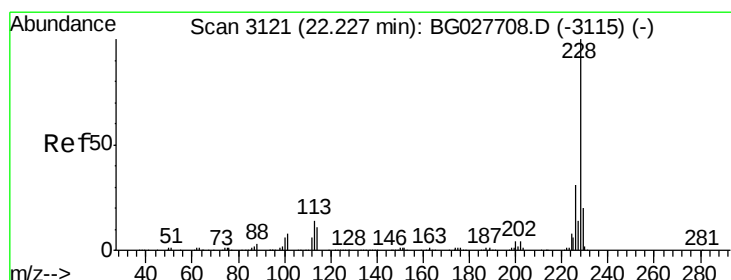
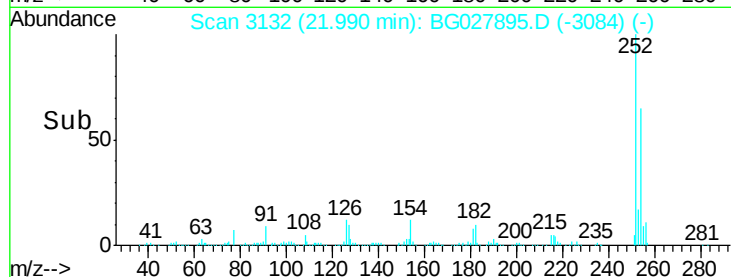
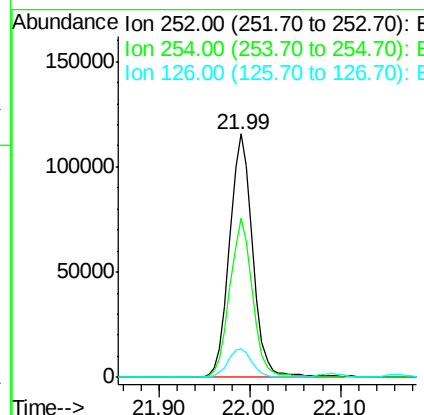
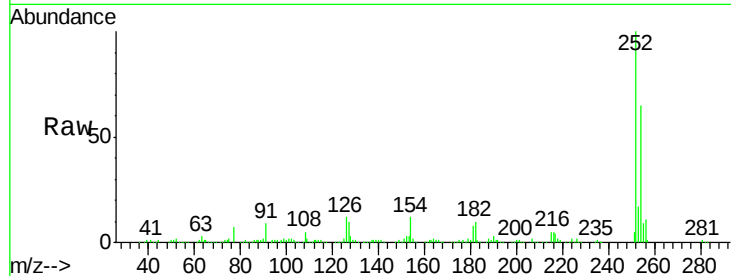
#81
 3,3'-Dichlorobenzidine
 Concen: 26.527 ng
 RT: 21.99 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	53.1	79.7
126	11.9	7.0	10.4

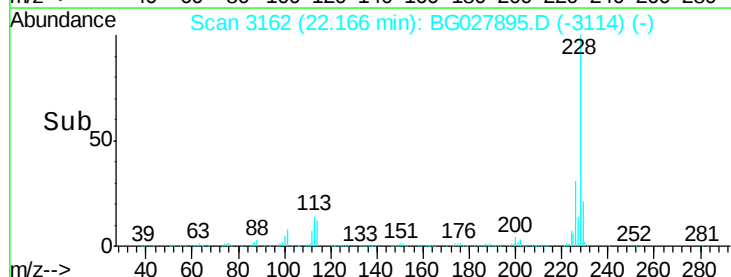
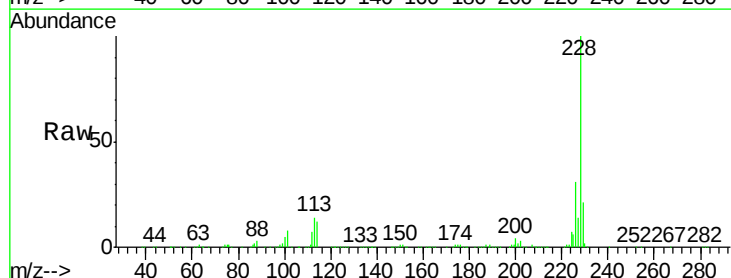
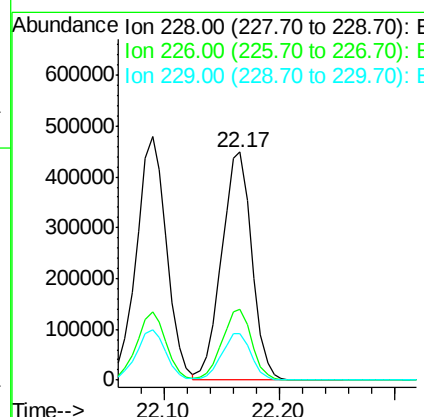
Manual Integrations
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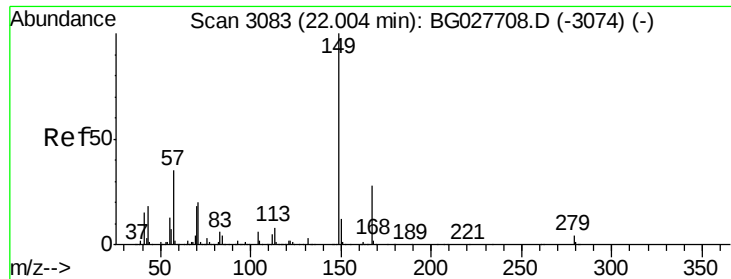
mohammad
 7/11/2017 3:34:40 PM



#82
 Chrysene
 Concen: 40.326 ng
 RT: 22.17 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	27.0	40.4
229	20.7	17.8	26.6





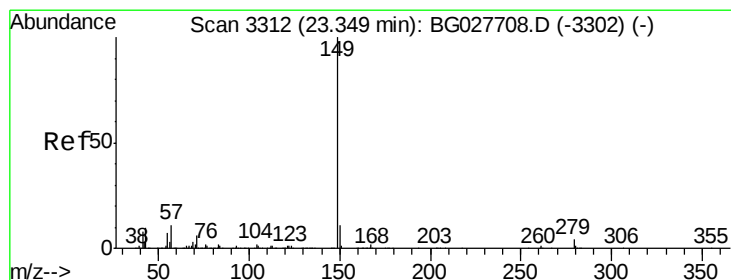
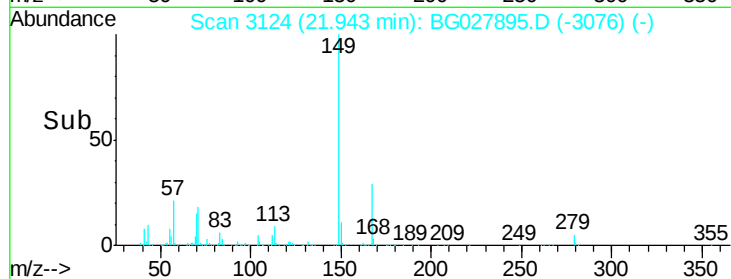
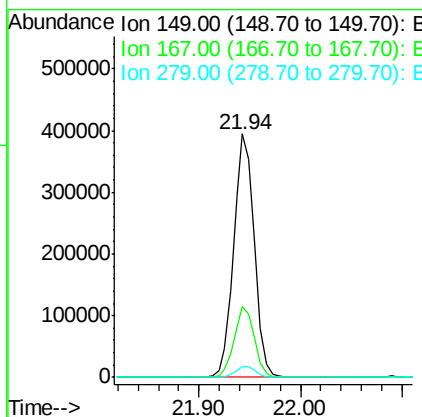
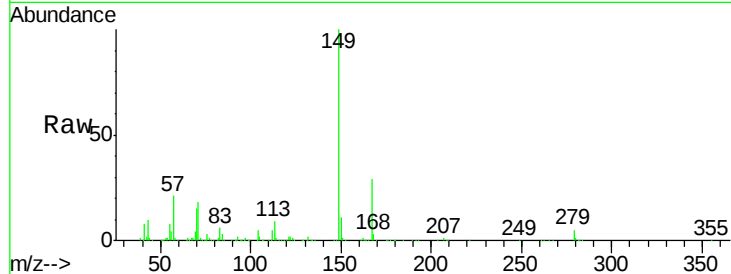
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.673 ng
 RT: 21.94 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	550943		
167	29.1	23.7	35.5	
279	4.5	4.6	6.8#	

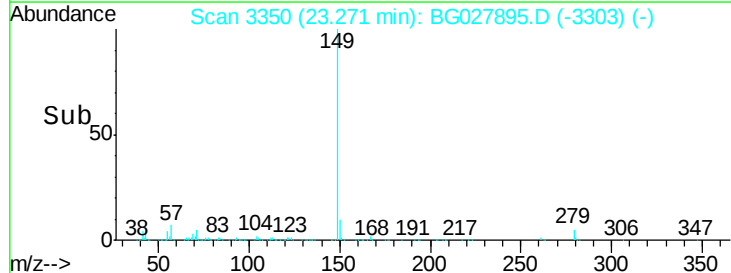
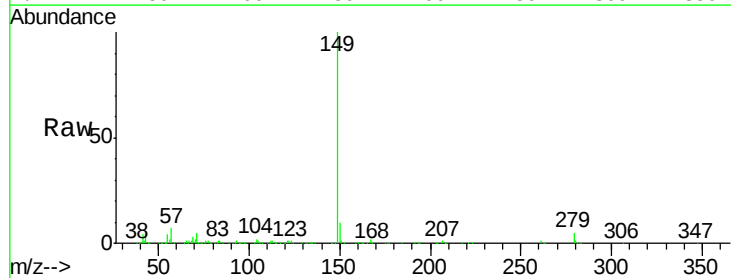
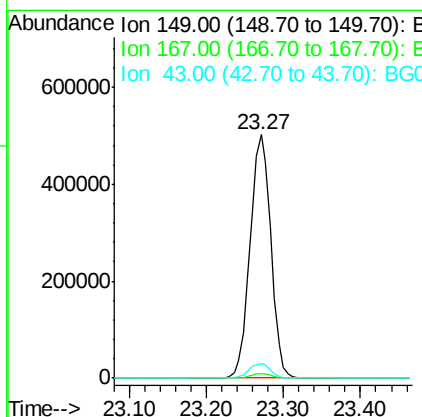
Manual Integrations
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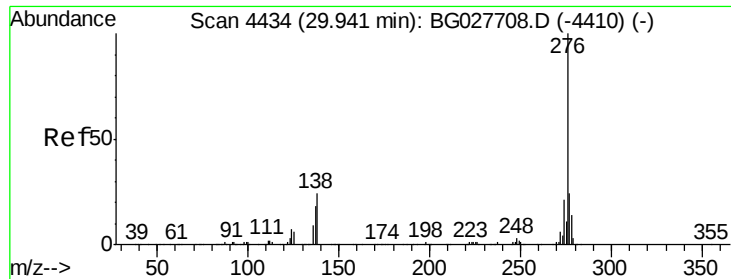
mohammad
 7/11/2017 3:34:40 PM



#84
 Di-n-octyl phthalate
 Concen: 39.170 ng
 RT: 23.27 min Scan# 3350
 Delta R.T. -0.02 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	946385		
167	1.7	1.4	2.2	
43	6.2	11.8	17.6#	





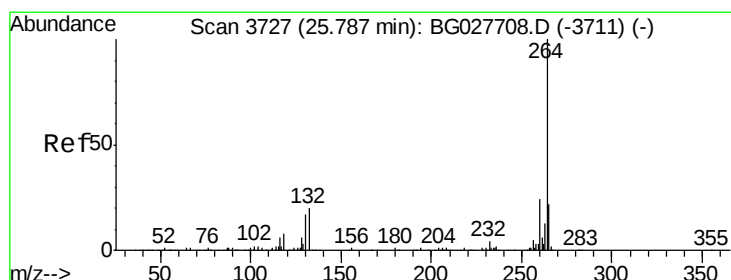
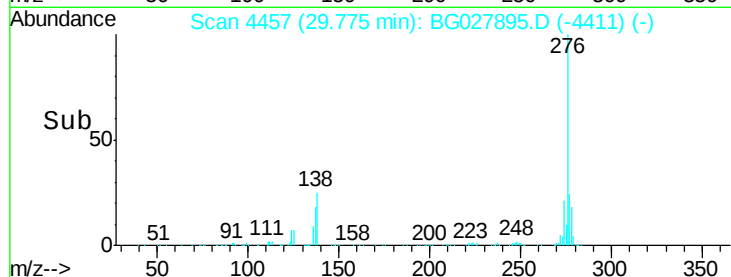
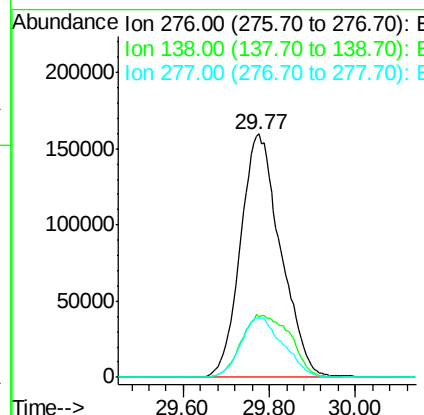
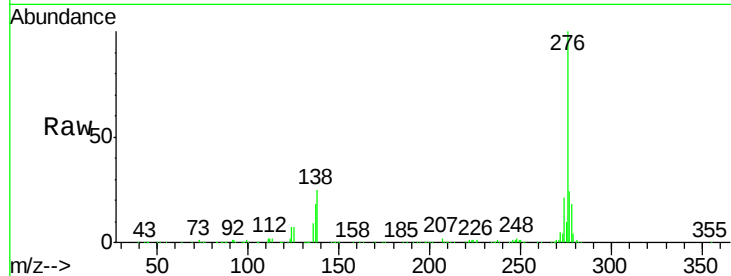
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.466 ng
 RT: 29.77 min Scan# 4457
 Delta R.T. -0.03 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMS

Tgt Ion: 276 Resp: 1042644
 Ion Ratio Lower Upper
 276 100
 138 31.3 4.7 7.1#
 277 26.0 20.6 31.0

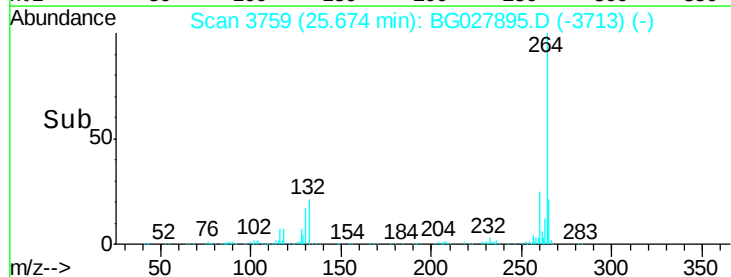
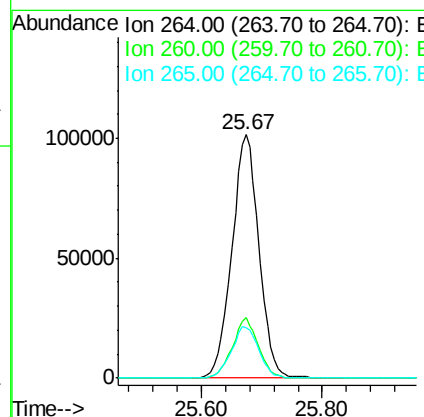
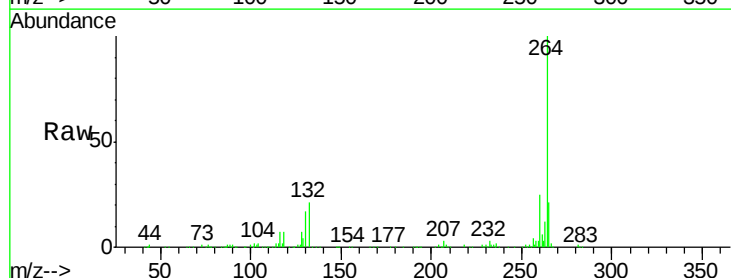
Manual Integrations
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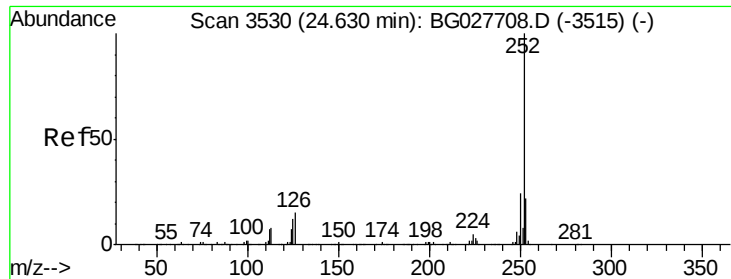
mohammad
 7/11/2017 3:34:40 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.67 min Scan# 3759
 Delta R.T. -0.03 min
 Lab File: BG027895.D
 Acq: 10 Jul 2017 20:08

Tgt Ion: 264 Resp: 314883
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.8 32.8
 265 20.9 18.2 27.4





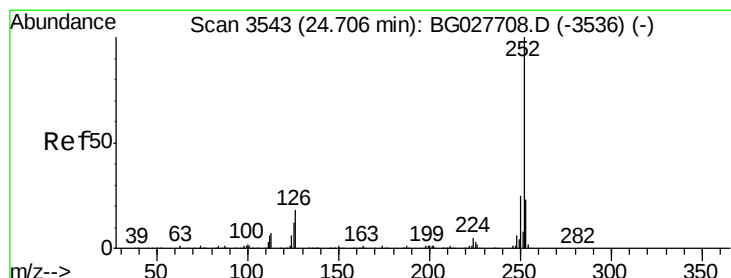
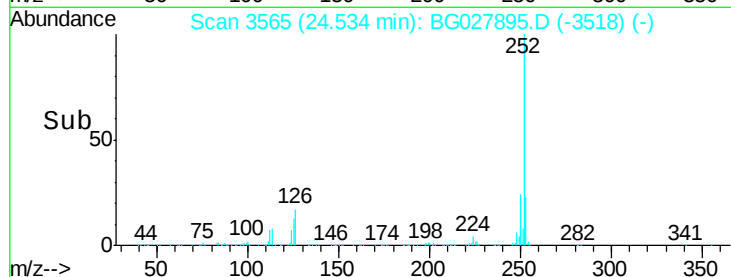
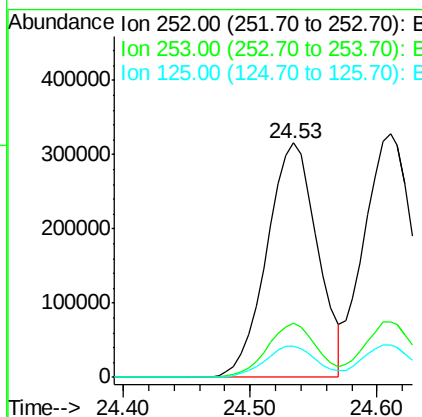
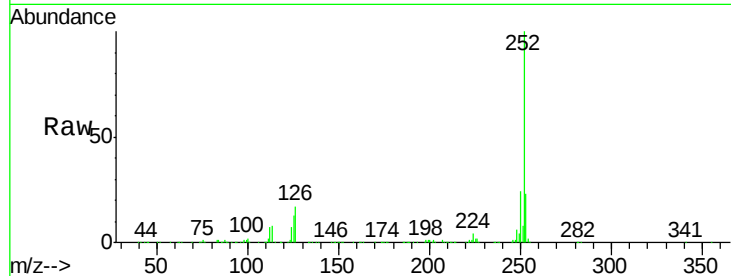
#87
Benzo(b)fluoranthene
Concen: 43.292 ng
RT: 24.53 min Scan# 3565
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	13.3	5.3	7.9#

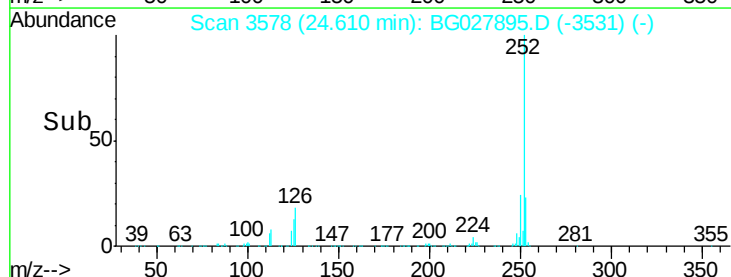
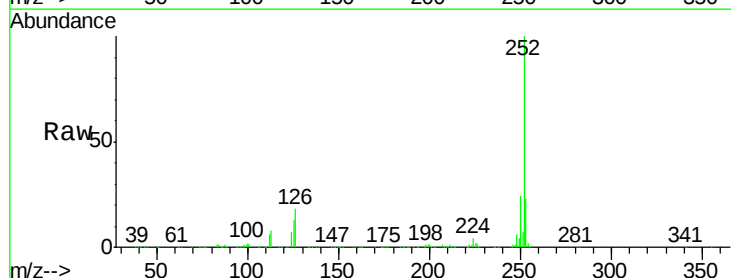
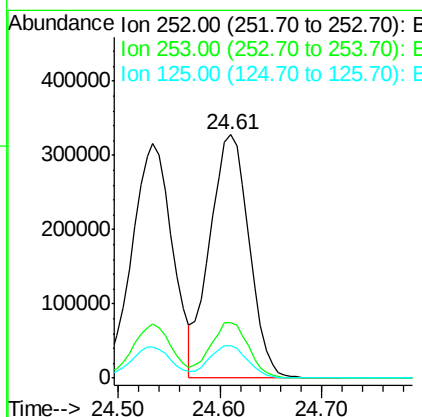
Manual Integrations
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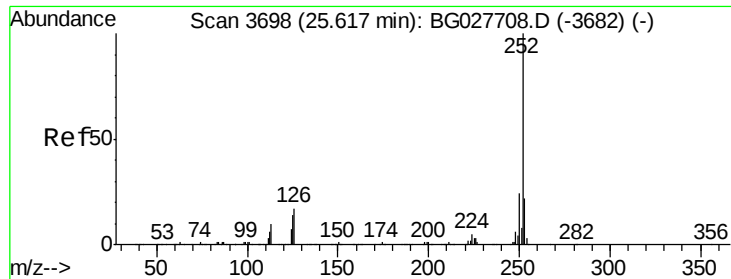
mohammad
7/11/2017 3:34:40 PM



#88
Benzo(k)fluoranthene
Concen: 43.894 ng
RT: 24.61 min Scan# 3578
Delta R.T. -0.02 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	13.3	5.1	7.7#





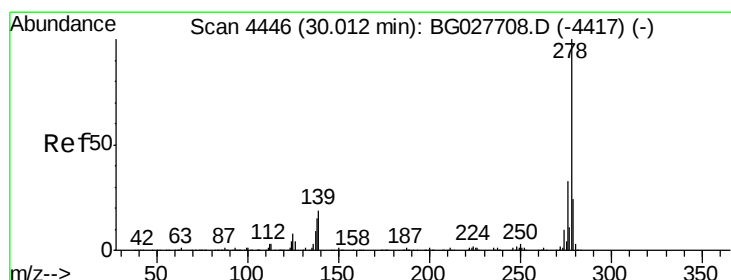
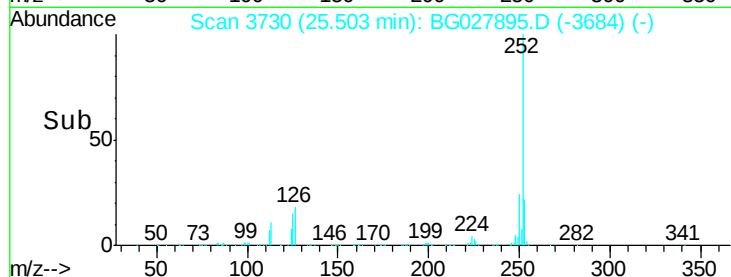
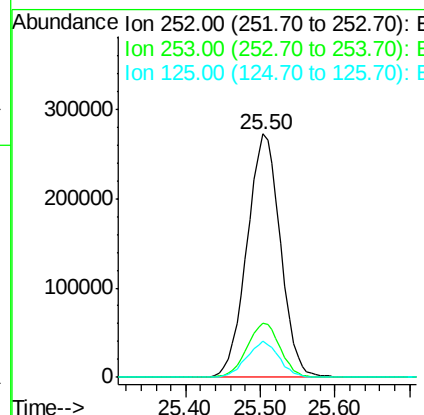
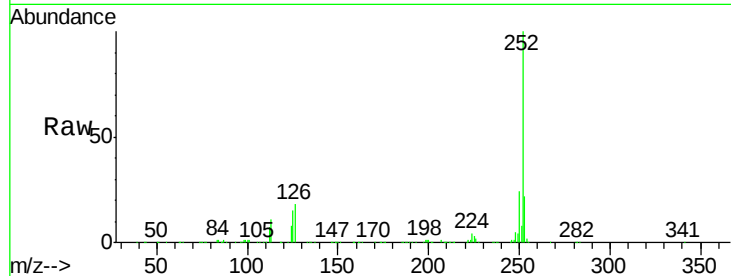
#89
Benzo(a)pyrene
Concen: 44.443 ng
RT: 25.50 min Scan# 3730
Delta R.T. -0.03 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	845999		
253	22.5	19.2	28.8	
125	14.8	5.4	8.0	

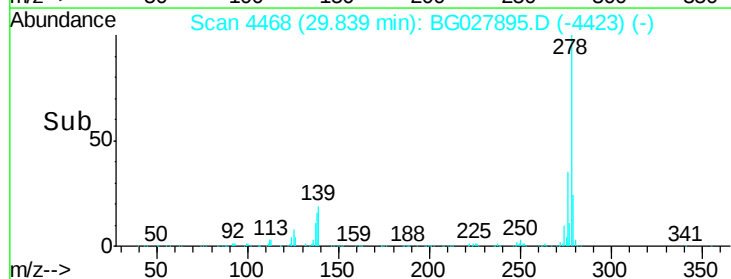
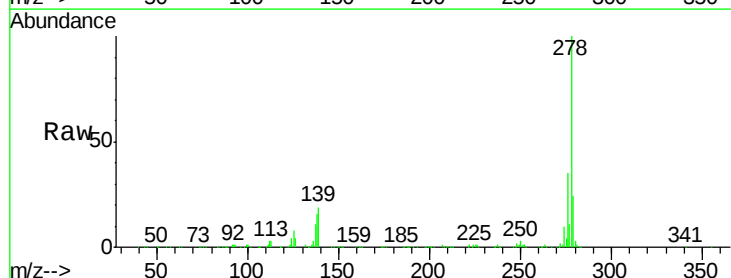
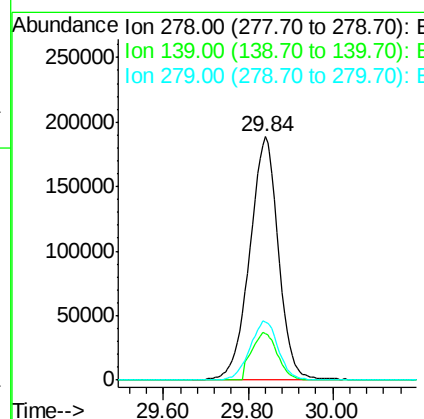
Manual Integrations
APPROVED

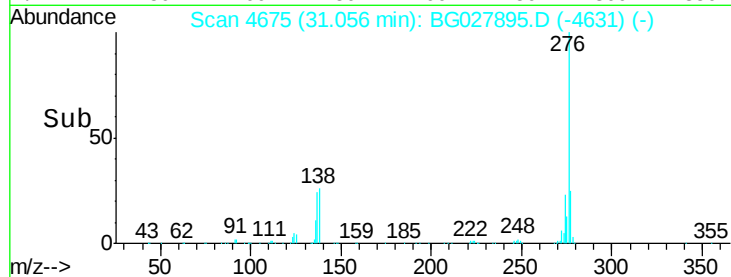
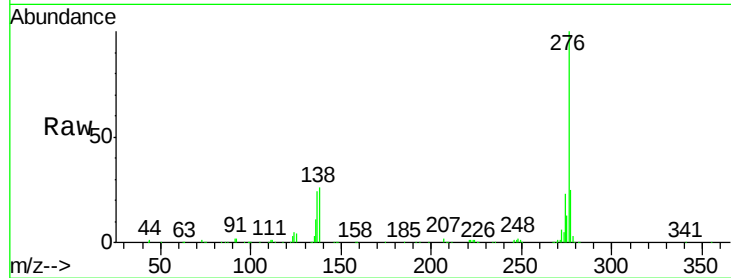
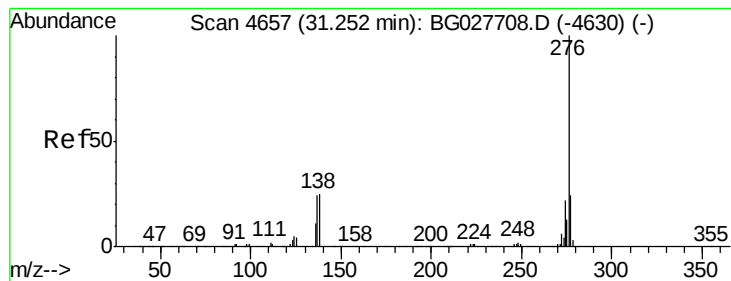
mohammad
7/11/2017 3:34:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.521 ng
RT: 29.84 min Scan# 4468
Delta R.T. -0.03 min
Lab File: BG027895.D
Acq: 10 Jul 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	897122		
139	19.3	7.7	11.5	
279	23.8	19.1	28.7	





#91

Benzo(g,h,i)perylene

Concen: 45.142 ng

RT: 31.06 min Scan# 4675

Delta R.T. -0.04 min

Lab File: BG027895.D

Acq: 10 Jul 2017 20:08

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-AMS

Tgt Ion:	276	Resp:	836627
Ion Ratio		Lower	Upper
276	100		
277	24.6	18.6	27.8
138	26.2	8.1	12.1#

Manual Integrations
APPROVED

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