

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026661.D
 Acq On : 19 Apr 2017 18:12
 Operator : SJ/MA
 Sample : PB98331BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Manual Integrations
 APPROVED

mohammad
 4/20/2017 2:00:44 PM

Quant Time: Apr 20 01:41:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	149874	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	684869	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	451364	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1148441	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1232994	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1230116	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1256428	152.40	ng	-0.01
7) Phenol-d6	7.19	99	1651051	152.83	ng	-0.01
23) Nitrobenzene-d5	9.19	82	873656	89.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	847176	134.70	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2516673	83.04	ng	-0.02
78) Terphenyl-d14	19.97	244	3666083	87.78	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	111526	25.87	ng	# 70
3) Pyridine	3.88	79	324320	33.60	ng	# 61
4) n-Nitrosodimethylamine	3.79	42	109907	39.15	ng	# 1
6) Aniline	7.35	93	450315	33.38	ng	# 85
8) 2-Chlorophenol	7.59	128	483849	49.18	ng	# 79
9) Benzaldehyde	7.16	77	70432	9.62	ng	# 59
10) Phenol	7.22	94	591083	50.29	ng	# 70
11) bis(2-Chloroethyl)ether	7.44	93	403377	43.11	ng	# 80
12) 1,3-Dichlorobenzene	7.92	146	489075	42.18	ng	# 86
13) 1,4-Dichlorobenzene	8.06	146	493390	41.89	ng	# 91
14) 1,2-Dichlorobenzene	8.38	146	478774	43.03	ng	# 90
15) Benzyl Alcohol	8.26	79	330981	48.99	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	386985	42.75	ng	# 79
17) 2-Methylphenol	8.47	107	411338	49.94	ng	# 80
18) Hexachloroethane	9.11	117	155081	41.73	ng	# 95
19) n-Nitroso-di-n-propylamine	8.83	70	300005	44.80	ng	# 71
20) 3+4-Methylphenols	8.79	107	580338	51.28	ng	# 85
22) Acetophenone	8.85	105	654597	41.82	ng	# 73
24) Nitrobenzene	9.23	77	443353	42.66	ng	# 70
25) Isophorone	9.74	82	882882	43.88	ng	# 89
26) 2-Nitrophenol	9.94	139	282268	44.83	ng	# 59
27) 2,4-Dimethylphenol	10.00	122	479199	47.15	ng	# 83
28) bis(2-Chloroethoxy)methane	10.23	93	580929	44.17	ng	# 97
29) 2,4-Dichlorophenol	10.48	162	514076	48.36	ng	# 93
30) 1,2,4-Trichlorobenzene	10.69	180	498266	42.05	ng	# 98
31) Naphthalene	10.88	128	1433158	42.63	ng	# 99
32) Benzoic acid	10.14	122	317486	45.19	ng	# 72
33) 4-Chloroaniline	10.99	127	128777	8.93	ng	# 80
34) Hexachlorobutadiene	11.17	225	276316	40.79	ng	# 96
35) Caprolactam	11.75	113	199767m	48.40	ng	#
36) 4-Chloro-3-methylphenol	12.11	107	526396	49.17	ng	# 73
37) 2-Methylnaphthalene	12.48	142	1148570	44.40	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	554629	39.89	ng	# 98
40) Hexachlorocyclopentadiene	12.82	237	629341	89.58	ng	# 95

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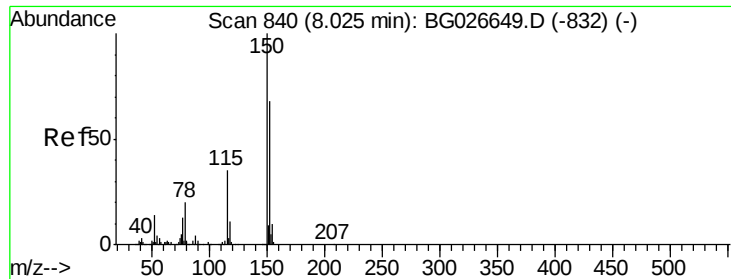
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	430856	43.52	nq	98
43) 2,4,5-Trichlorophenol	13.16	196	473742	45.25	nq #	91
45) 1,1'-Biphenyl	13.48	154	1506626	41.08	nq	98
46) 2-Chloronaphthalene	13.52	162	1161370	41.78	nq	96
47) 2-Nitroaniline	13.72	65	319080	44.95	nq #	52
48) Acenaphthylene	14.36	152	1933682	43.26	nq	99
49) Dimethylphthalate	14.09	163	1589727	44.49	nq	99
50) 2,6-Dinitrotoluene	14.21	165	382934	45.83	nq #	56
51) Acenaphthene	14.70	154	1214239	42.68	nq	99
52) 3-Nitroaniline	14.54	138	216086	23.71	nq #	66
53) 2,4-Dinitrophenol	14.75	184	443915	88.43	nq #	74
54) Dibenzofuran	15.03	168	1908198	43.04	nq	91
55) 4-Nitrophenol	14.85	139	688332	89.47	nq #	39
56) 2,4-Dinitrotoluene	15.00	165	557731	47.00	nq #	67
57) Fluorene	15.68	166	1588223	43.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	469739	44.12	nq #	94
59) Diethylphthalate	15.44	149	1614025	44.43	nq	99
60) 4-Chlorophenyl-phenylether	15.67	204	809227	44.41	nq	89
61) 4-Nitroaniline	15.70	138	431637	44.41	nq #	49
62) Azobenzene	15.96	77	1257691	44.87	nq	77
64) 4,6-Dinitro-2-methylphenol	15.76	198	355213	45.80	nq	85
65) n-Nitrosodiphenylamine	15.88	169	1439470	43.45	nq	97
66) 4-Bromophenyl-phenylether	16.56	248	552376	44.02	nq	92
67) Hexachlorobenzene	16.68	284	601846	43.63	nq	89
68) Atrazine	16.82	200	548139	42.31	nq	98
69) Pentachlorophenol	17.02	266	746167	89.53	nq	97
70) Phenanthrene	17.41	178	2541683	42.99	nq	99
71) Anthracene	17.50	178	2641127	43.22	nq	97
72) Carbazole	17.77	167	2487729	42.52	nq	97
73) Di-n-butylphthalate	18.32	149	2767083	42.17	nq #	95
74) Fluoranthene	19.42	202	2918802	42.58	nq	97
76) Benzidine	19.59	184	1088696	33.76	nq	98
77) Pyrene	19.77	202	2954665	44.51	nq	97
79) Butylbenzylphthalate	20.65	149	1270016	44.47	nq #	83
80) Benzo(a)anthracene	21.60	228	2911159	43.71	nq	99
81) 3,3'-Dichlorobenzidine	21.51	252	830953	30.09	nq	99
82) Chrysene	21.66	228	2670569	43.58	nq	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1789057	43.46	nq	95
84) Di-n-octyl phthalate	22.68	149	3044833	44.30	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.40	276	3762430	44.78	nq #	87
87) Benzo(b)fluoranthene	23.78	252	3093737	43.93	nq #	95
88) Benzo(k)fluoranthene	23.85	252	3047408	44.89	nq #	95
89) Benzo(a)pyrene	24.64	252	3030952	44.58	nq #	97
90) Dibenzo(a,h)anthracene	28.45	278	3190467	45.68	nq #	92
91) Benzo(g,h,i)perylene	29.53	276	3127779	44.78	nq #	89

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



#1

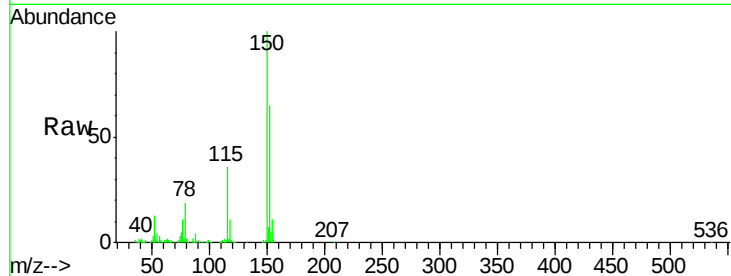
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

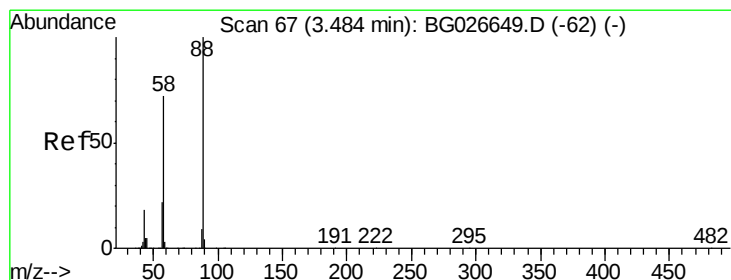
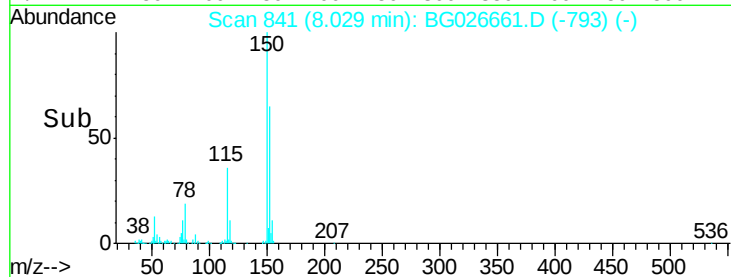
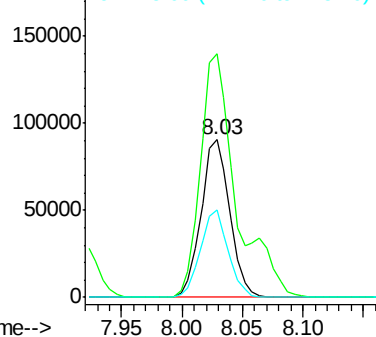
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	114.0	171.0
115	55.4	48.1	72.1

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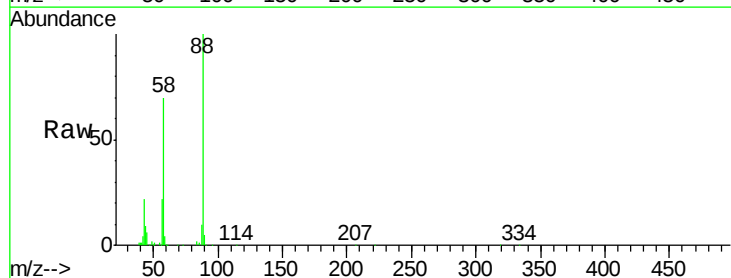
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



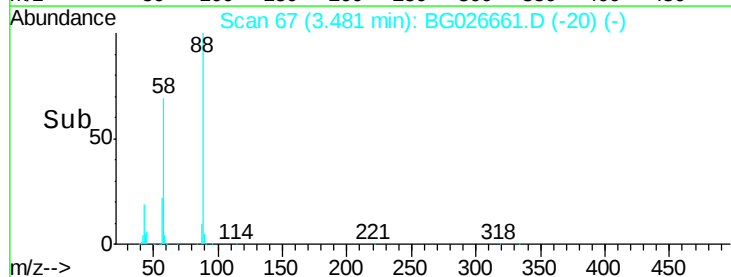
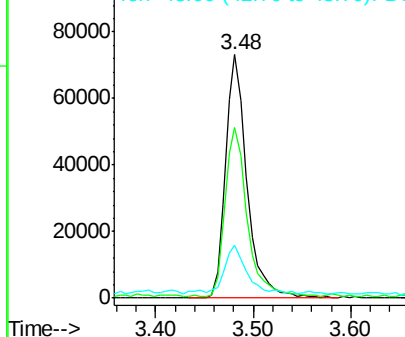
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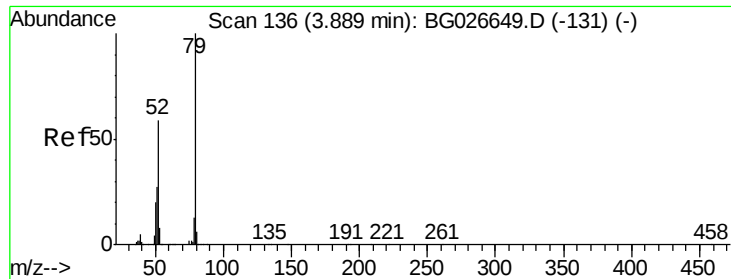
1,4-Dioxane
Concen: 25.87 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	79.4	119.2#
43	20.7	33.8	50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.60 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

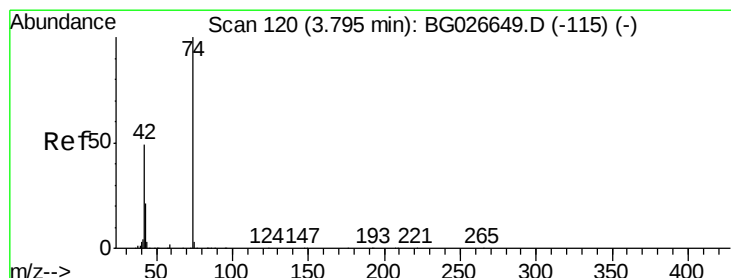
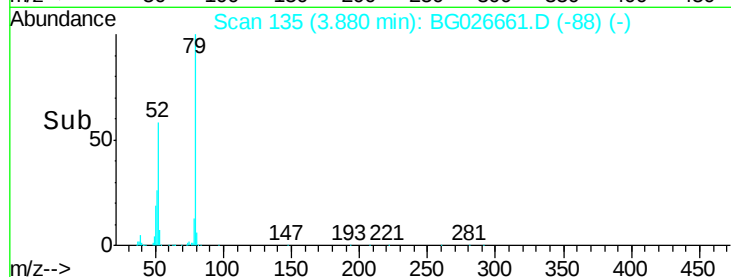
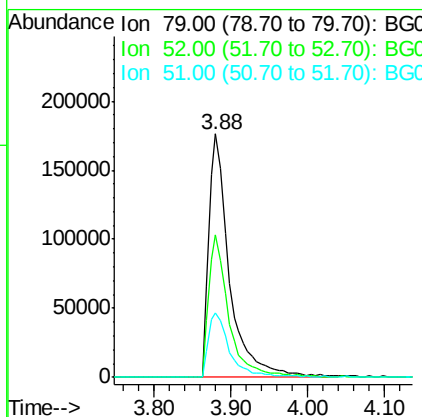
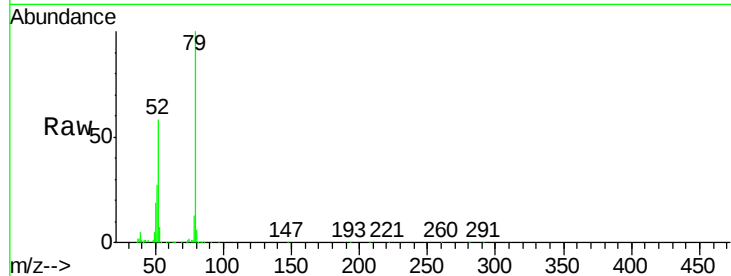
ClientSampleId :

PB98331BS

Tot Ion:	79	Resp:	324320
Ion Ratio	Lower	Upper	
79	100		
52	58.3	77.8	116.6#
51	26.6	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.15 ng

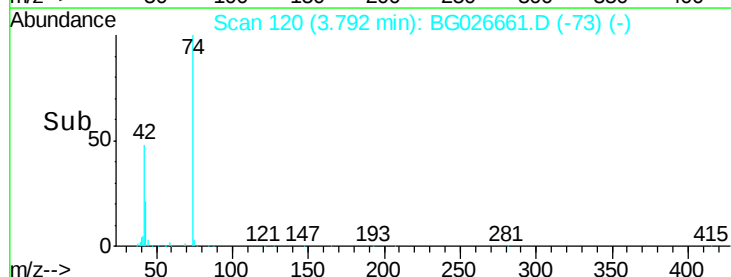
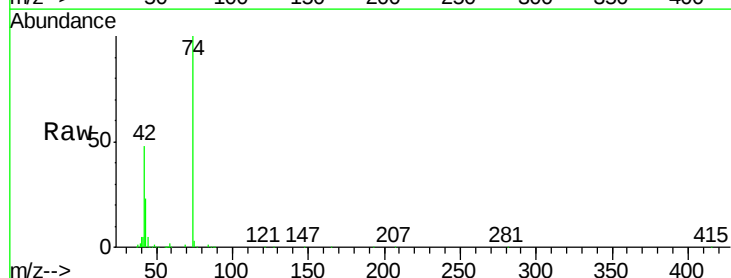
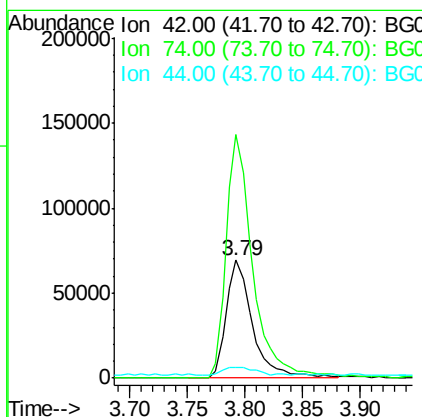
RT: 3.79 min Scan# 120

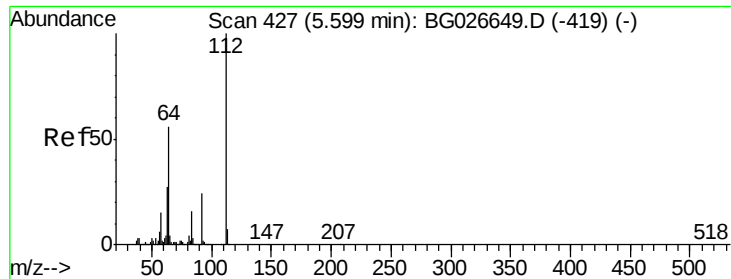
Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tgt Ion:	42	Resp:	109907
Ion Ratio	Lower	Upper	
42	100		
74	206.2	76.7	115.1#
44	9.5	6.1	9.1#





#5

2-Fluorophenol

Concen: 152.40 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleId :

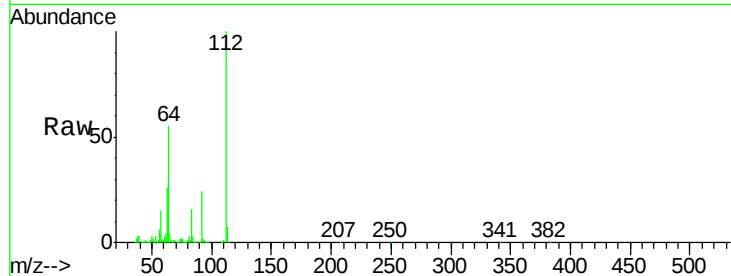
PB98331BS

Tot Ion: 112 Resp: 1256428

Ion	Ratio	Lower	Upper
112	100		
64	54.7	61.8	92.6#
63	26.2	37.2	55.8#

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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.60

800000

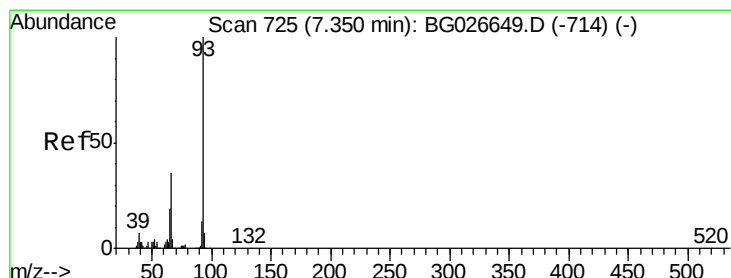
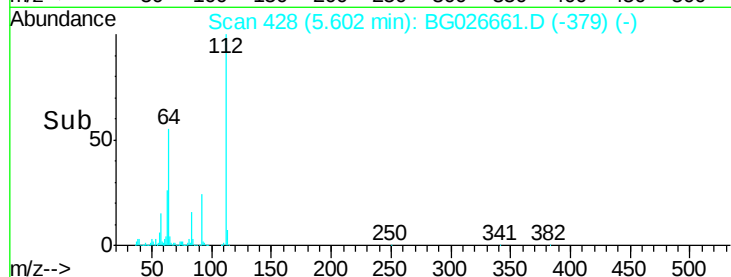
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 33.38 ng

RT: 7.35 min Scan# 726

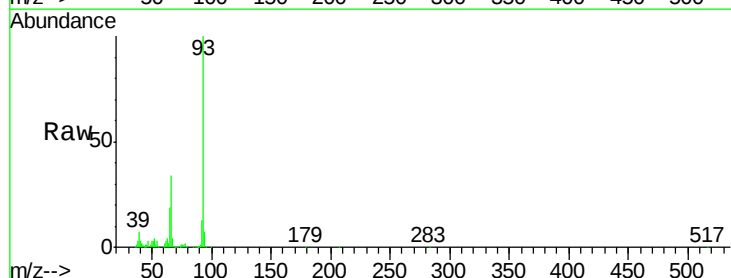
Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tgt Ion: 93 Resp: 450315

Ion	Ratio	Lower	Upper
93	100		
66	34.0	35.4	53.2#
65	18.9	21.2	31.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.35

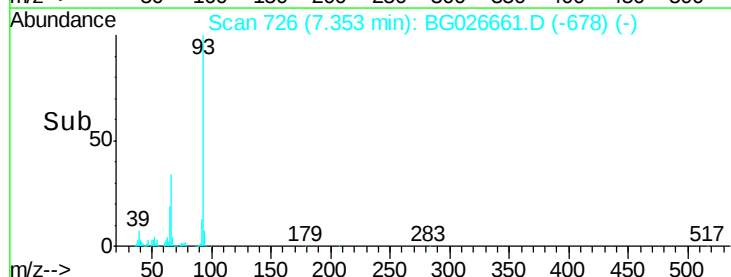
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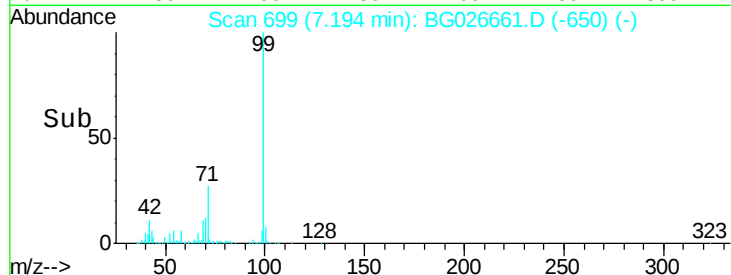
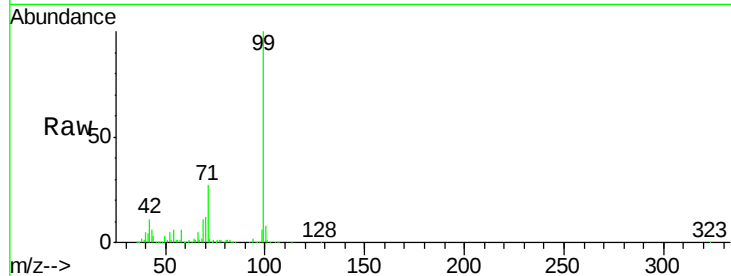
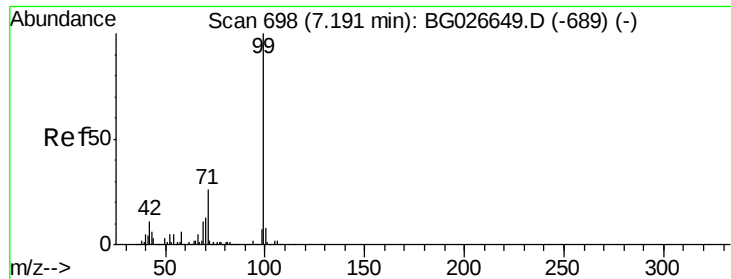
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 152.83 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tot Ion:	99	Resp:	1651051
Ion	Ratio	Lower	Upper
99	100		
42	11.2	20.5	30.7#
71	26.7	37.6	56.4#

Instrument :

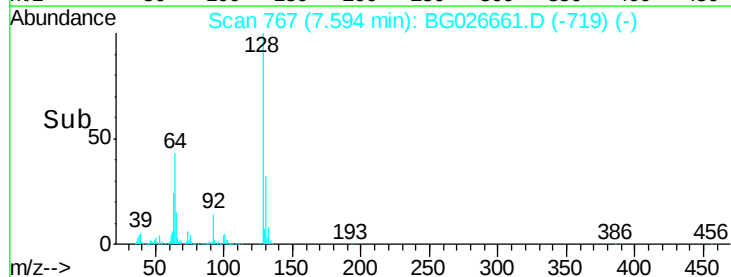
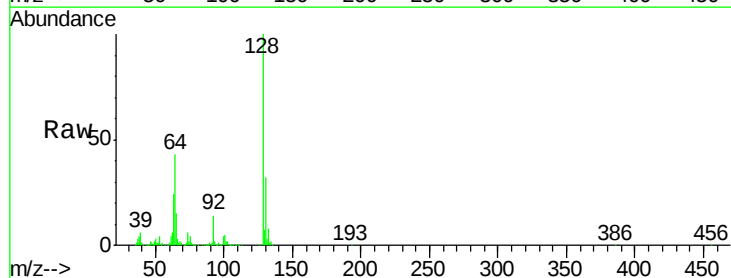
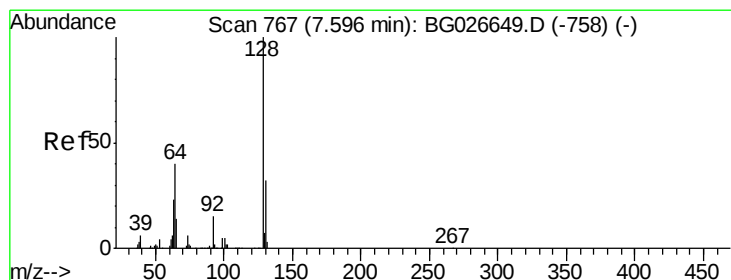
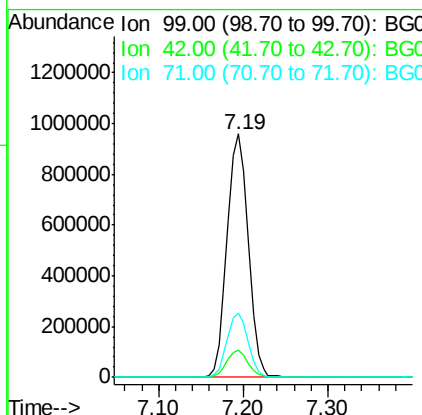
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#8

2-Chlorophenol

Concen: 49.18 ng

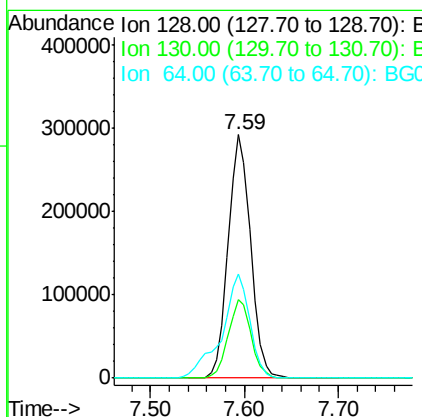
RT: 7.59 min Scan# 767

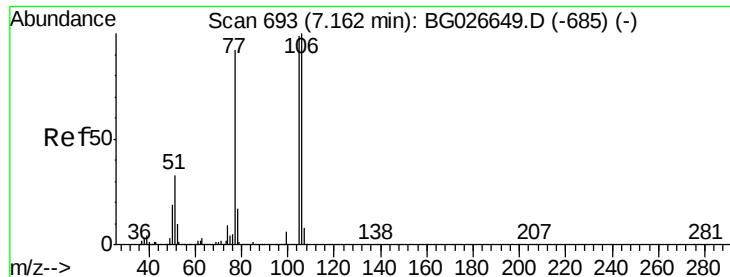
Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tgt Ion:	128	Resp:	483849
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.4	51.4
64	42.6	46.6	86.6#





#9

Benzaldehyde

Concen: 9.62 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

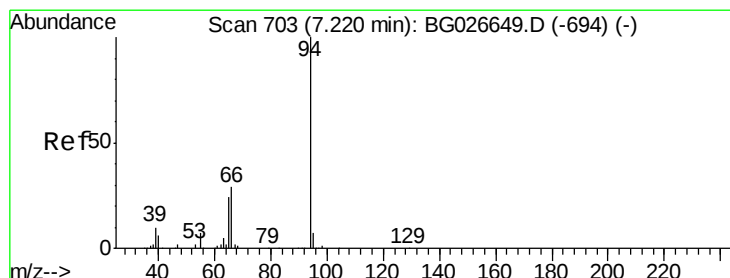
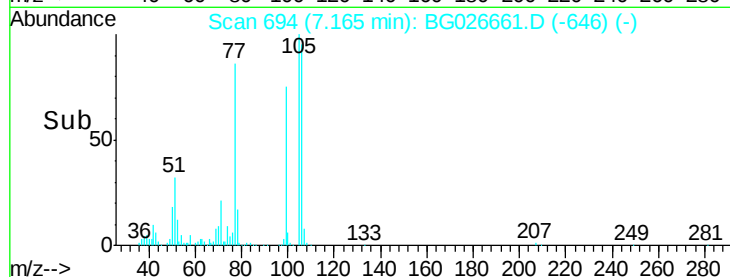
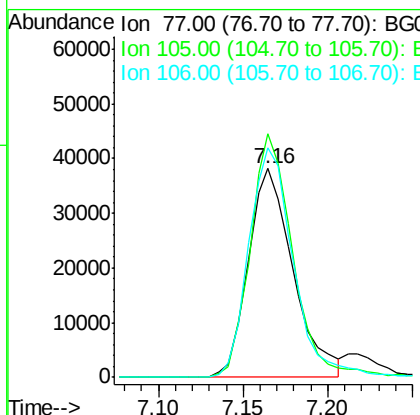
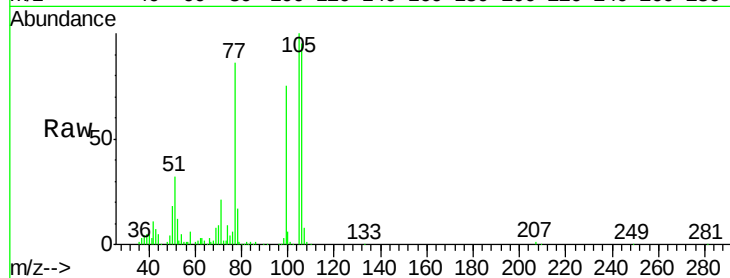
ClientSampleId :

PB98331BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	116.5	60.9	100.9#	
106	110.1	55.1	95.1#	

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#10

Phenol

Concen: 50.29 ng

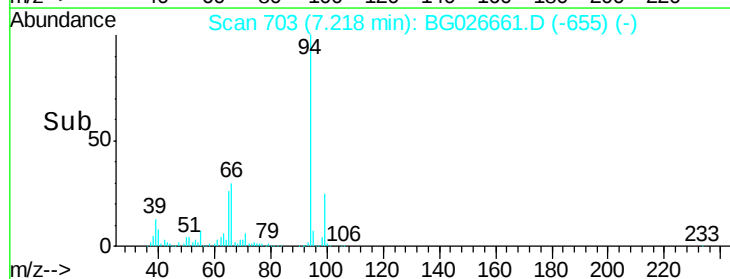
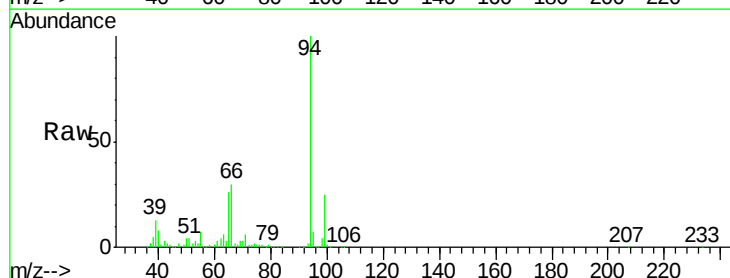
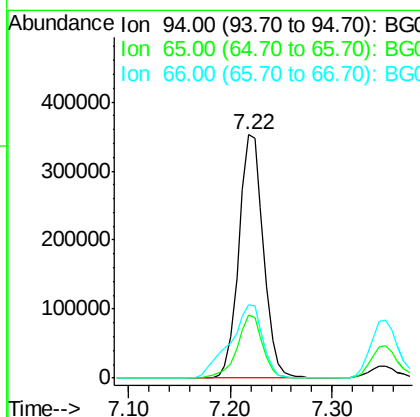
RT: 7.22 min Scan# 703

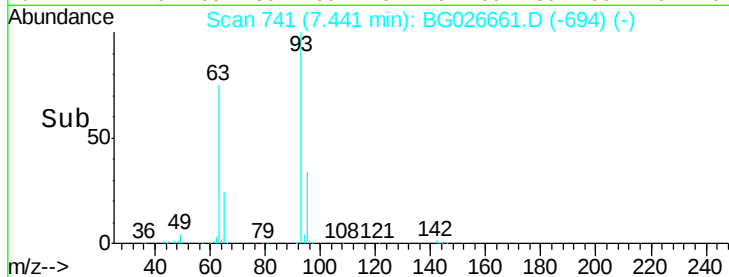
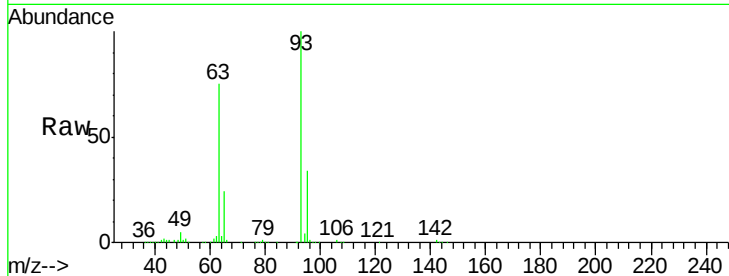
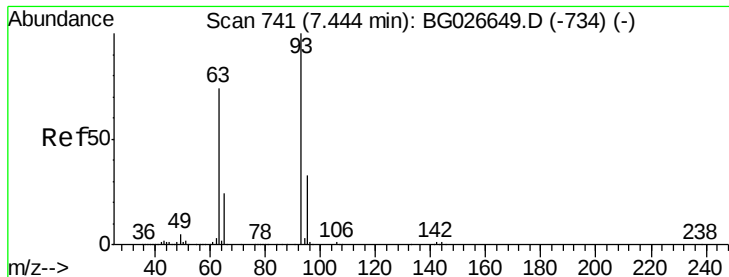
Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	25.9	20.6	60.6	
66	30.1	35.5	75.5#	





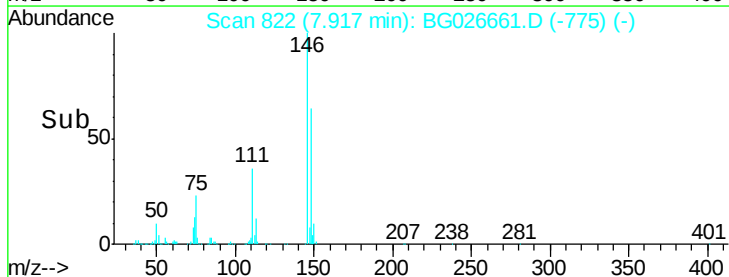
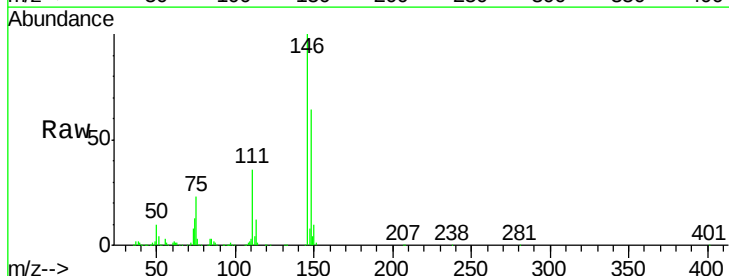
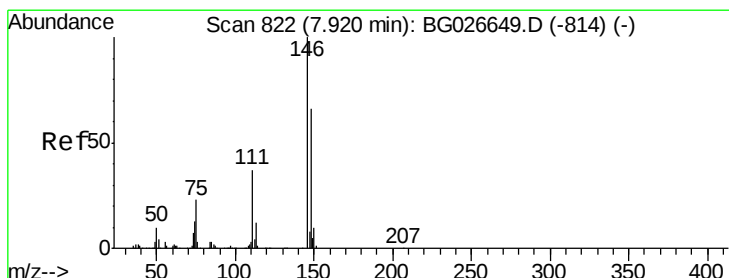
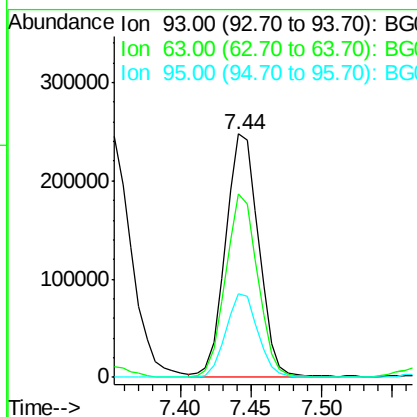
#11
bis(2-Chloroethyl)ether
Concen: 43.11 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tot Ion	Ratio	Resp	Lower	Upper
93	100	403377		
63	75.3		78.5	118.5#
95	34.2		9.8	49.8

Instrument :
BNA_G
ClientSampleId :
PB98331BS

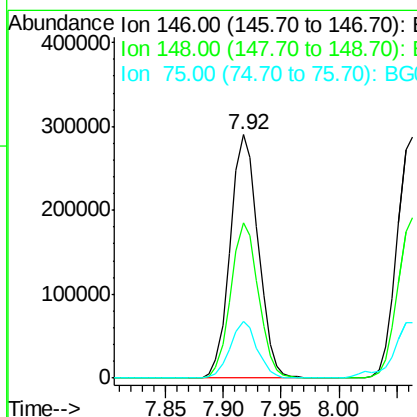
Manual Integrations
APPROVED

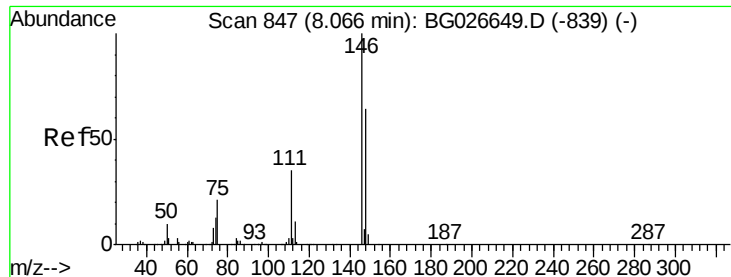
mohammad
4/20/2017 2:00:44 PM



#12
1,3-Dichlorobenzene
Concen: 42.18 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	489075		
148	63.9		49.2	73.8
75	23.3		33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 41.89 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

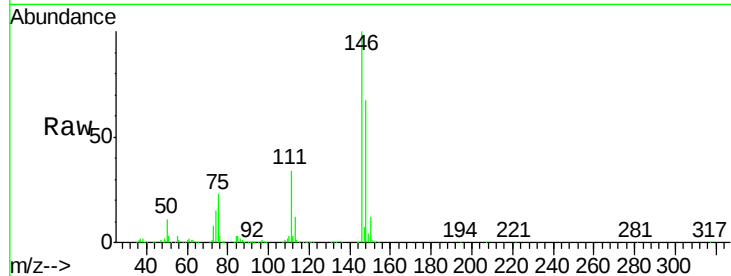
ClientSampleId :

PB98331BS

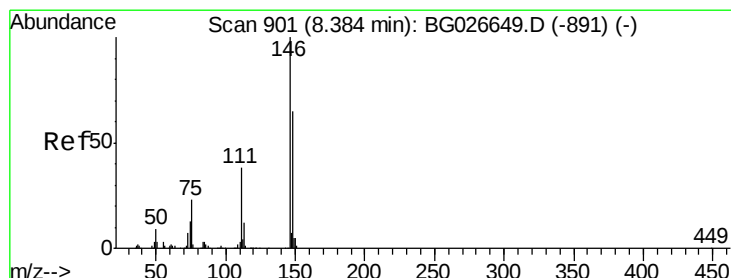
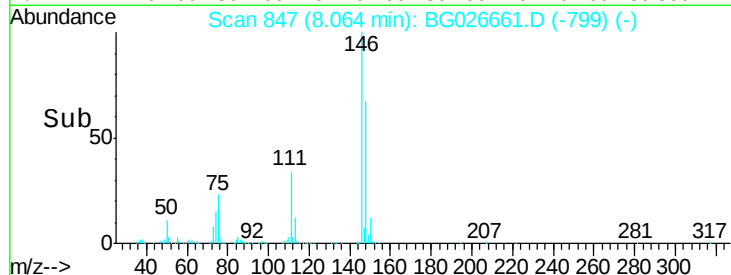
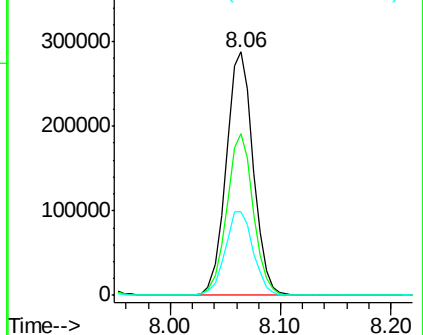
Tot Ion:	146	Resp:	493390
Ion Ratio	Lower	Upper	
146	100		
148	66.6	52.2	78.2
111	34.1	37.0	55.6#

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



#14

1,2-Dichlorobenzene

Concen: 43.03 ng

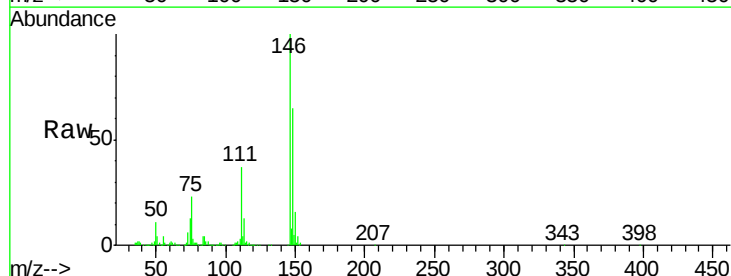
RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

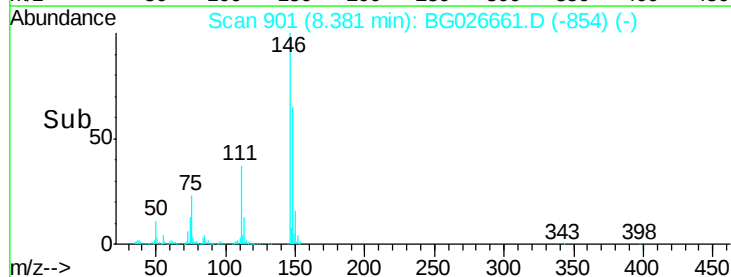
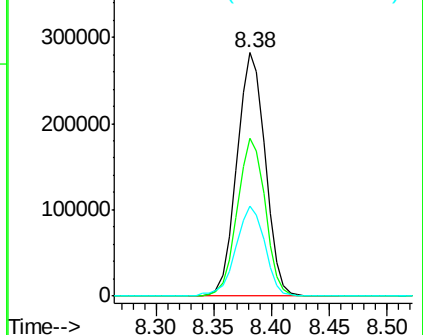
Lab File: BG026661.D

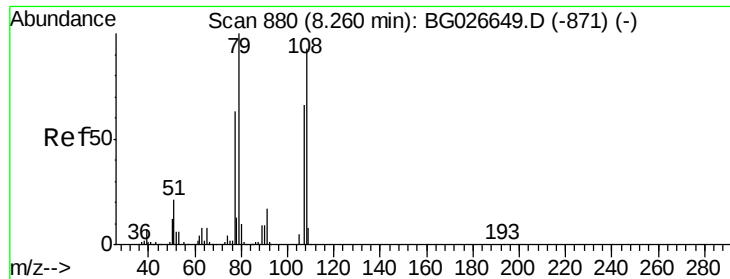
Acq: 19 Apr 2017 18:12

Tgt Ion:	146	Resp:	478774
Ion Ratio	Lower	Upper	
146	100		
148	64.8	54.6	81.8
111	37.2	39.7	59.5#



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





#15

Benzyl Alcohol

Concen: 48.99 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleID :

PB98331BS

Tot Ion: 79 Resp: 330981

Ion Ratio Lower Upper

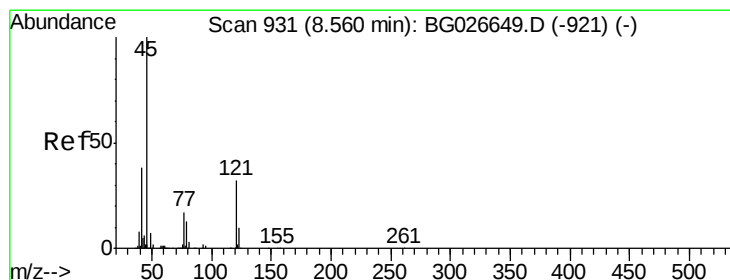
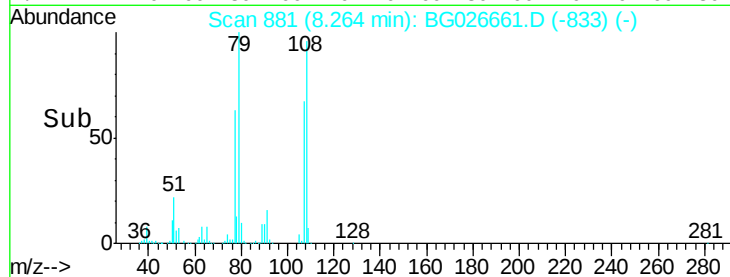
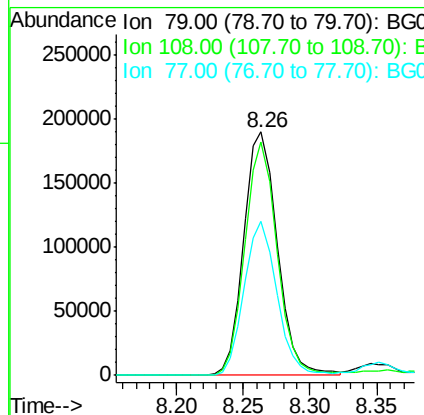
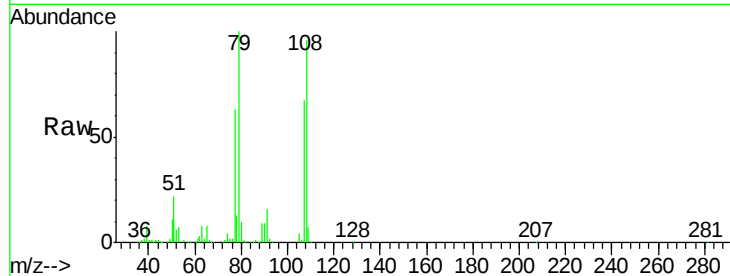
79 100

108 95.8 45.5 68.3#

77 63.1 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.75 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

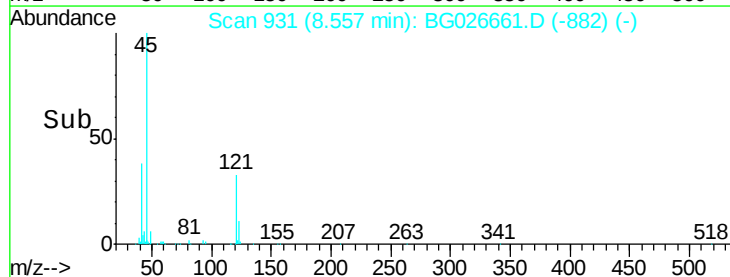
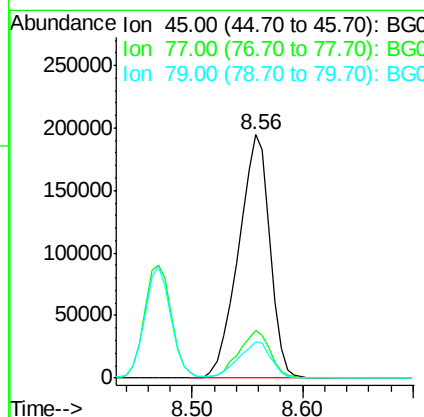
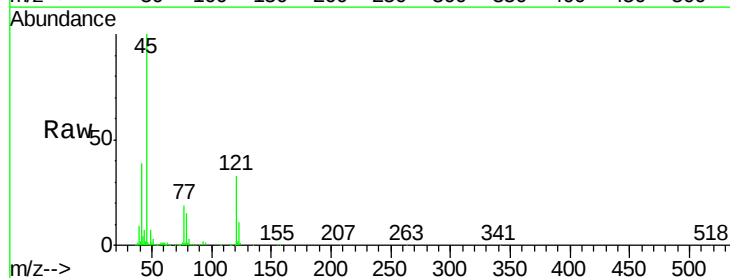
Tgt Ion: 45 Resp: 386985

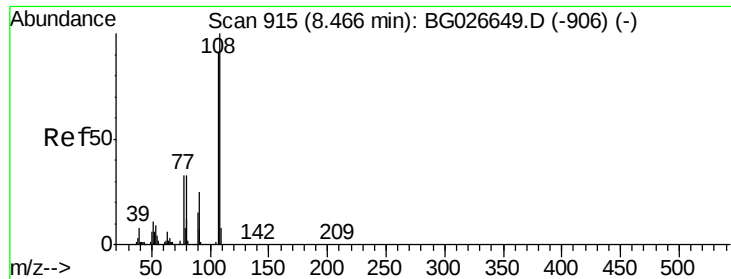
Ion Ratio Lower Upper

45 100

77 19.4 0.0 30.6

79 15.1 0.0 28.5





#17

2-Methylphenol

Concen: 49.94 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB98331BS

Tot Ion:107 Resp: 411338

Ion Ratio Lower Upper

107 100

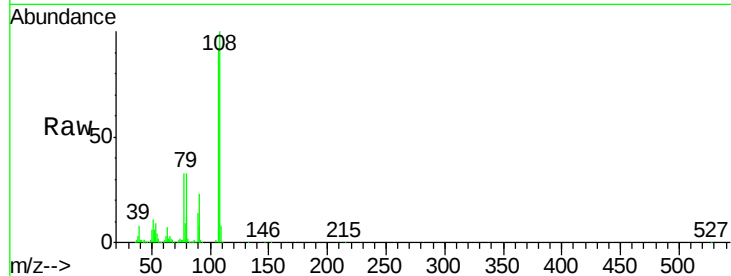
108 109.2 85.6 128.4

77 36.2 51.4 77.2#

79 35.9 49.2 73.8#

Manual Integrations
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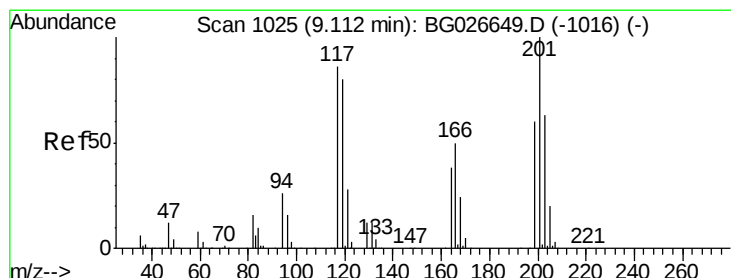
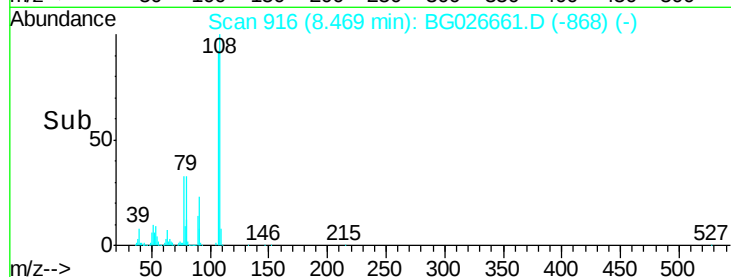
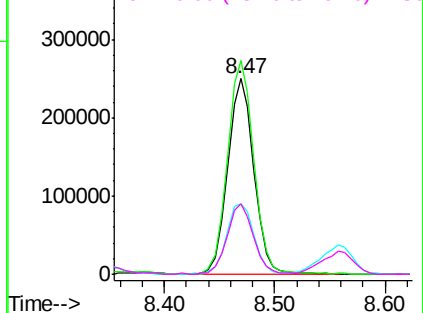
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.73 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

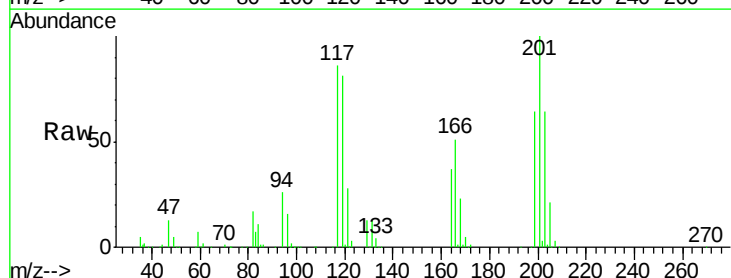
Tgt Ion:117 Resp: 155081

Ion Ratio Lower Upper

117 100

119 93.9 69.8 104.6

201 115.7 95.4 143.0

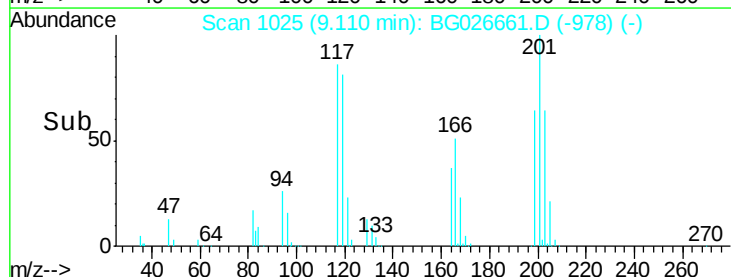
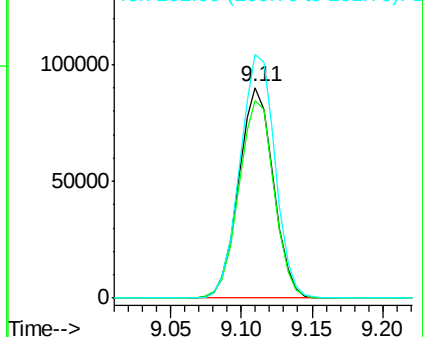


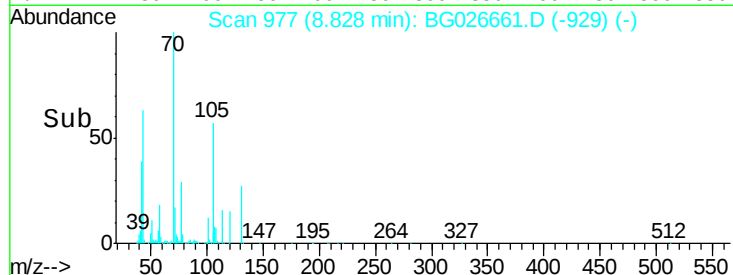
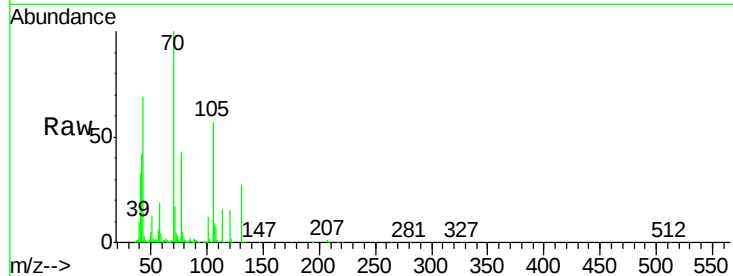
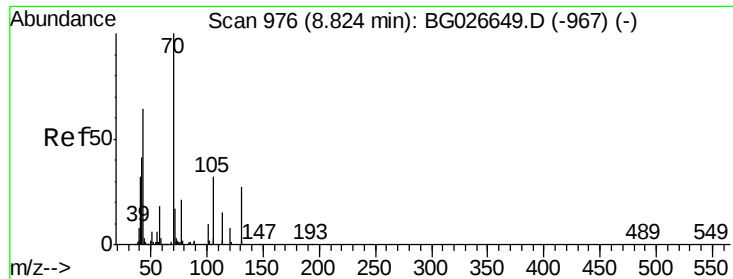
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





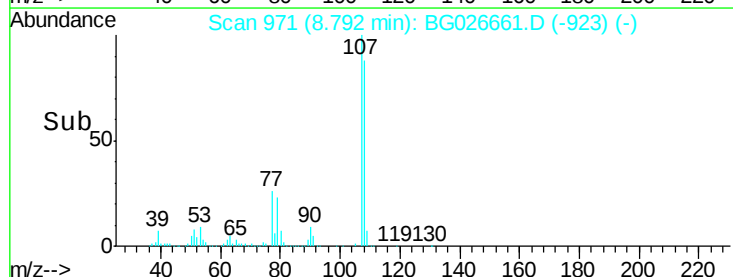
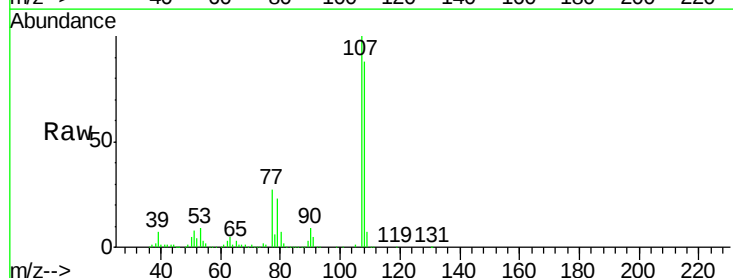
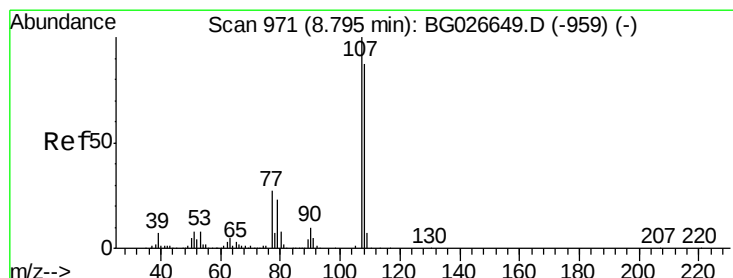
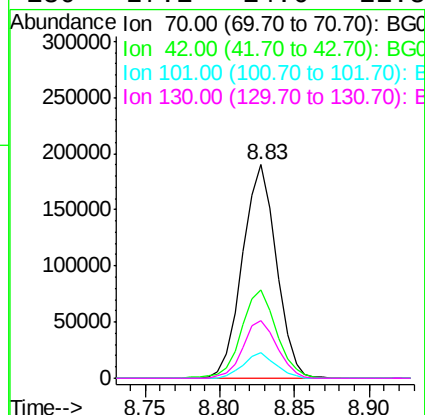
#19
n-Nitroso-di-n-propylamine
Concen: 44.80 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.6	56.1	84.1#
101	11.9	7.5	11.3#
130	27.1	14.6	21.8#

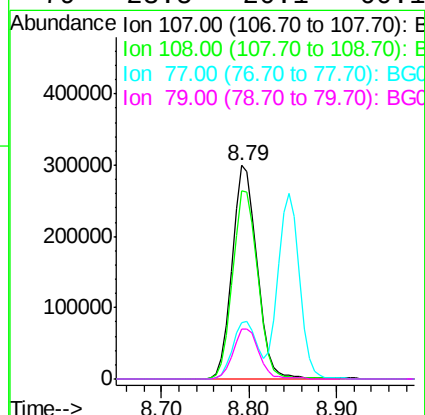
Manual Integrations
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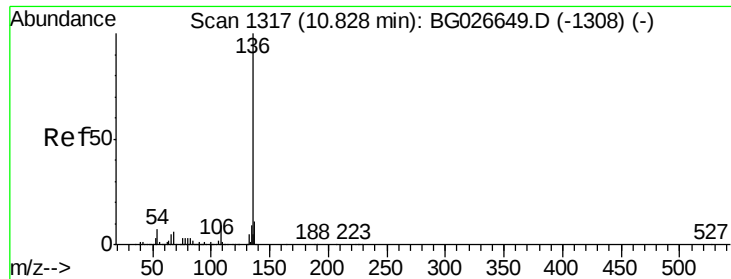
mohammad
4/20/2017 2:00:44 PM



#20
3+4-Methylphenols
Concen: 51.28 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.8	110.8
77	26.6	25.8	65.8
79	23.5	20.1	60.1





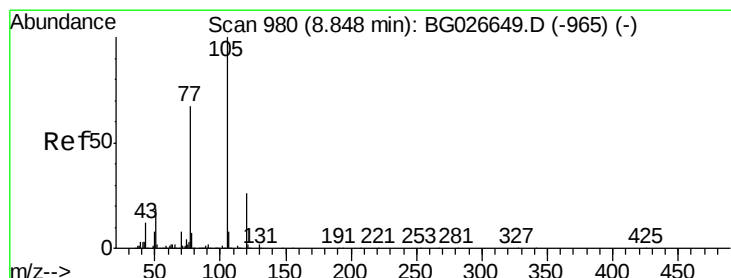
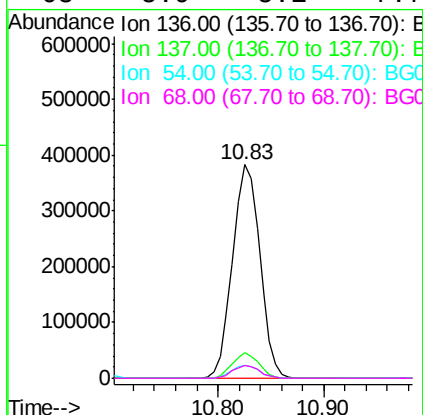
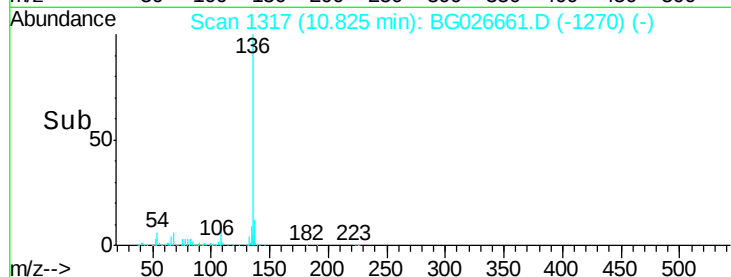
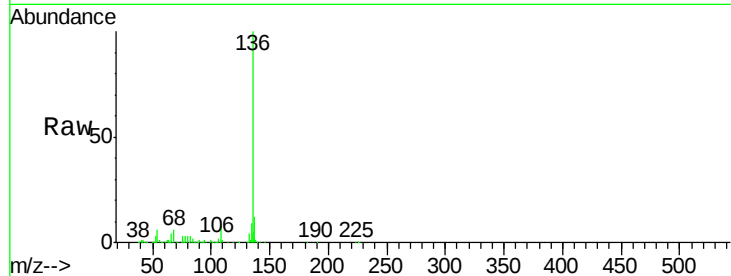
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		684869		
137	11.7		8.9	13.3	
54	5.8		9.3	13.9	
68	5.9		5.1	7.7	

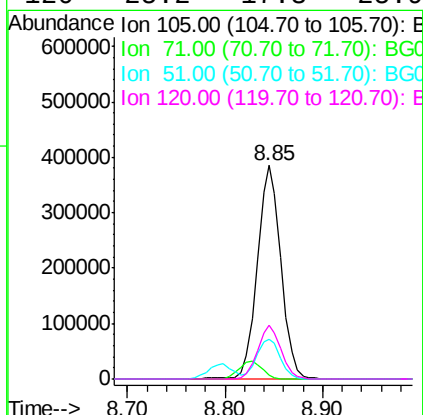
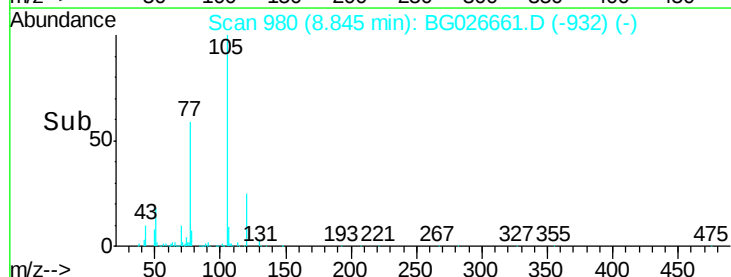
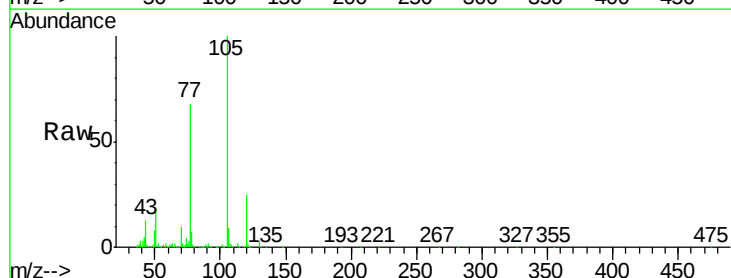
Manual Integrations
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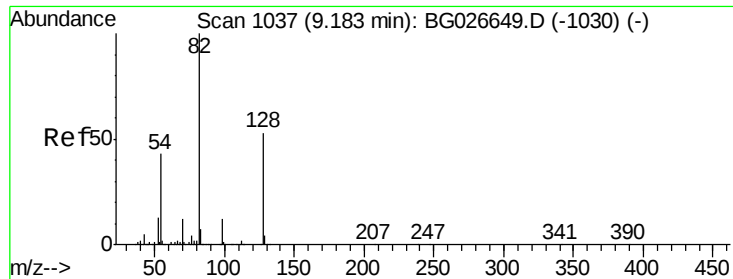
mohammad
4/20/2017 2:00:44 PM



#22
Acetophenone
Concen: 41.82 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		654597		
71	1.6		0.9	1.3	
51	18.8		34.0	51.0	
120	25.2		17.3	25.9	





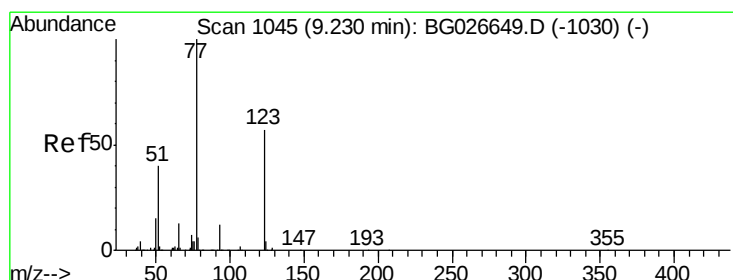
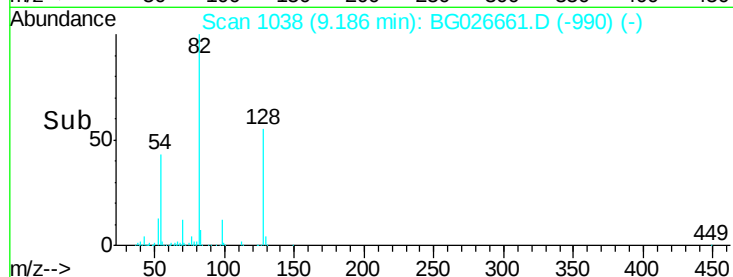
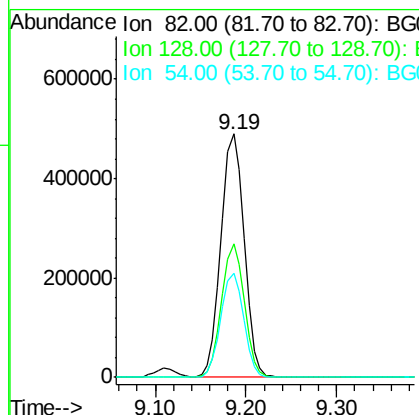
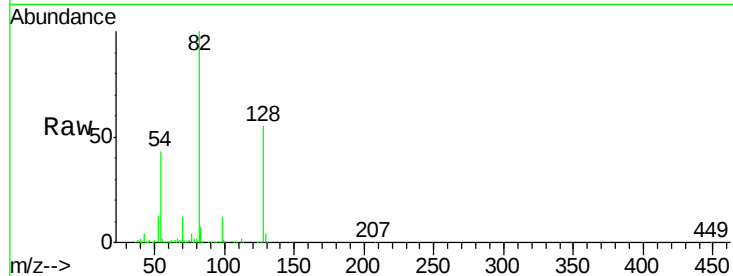
#23
 Nitrobenzene-d5
 Concen: 89.01 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	54.9	26.4	39.6#		
54	42.7	49.4	74.2#		

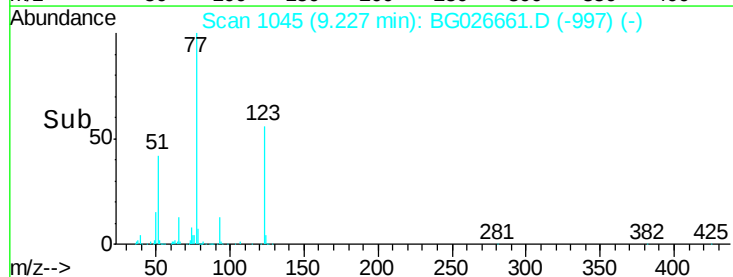
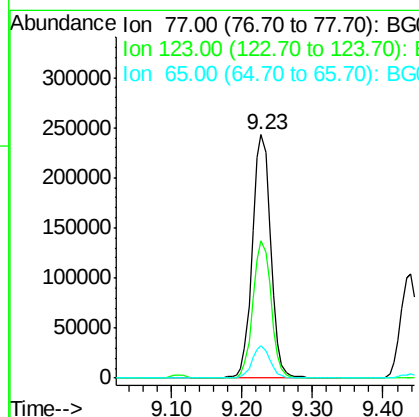
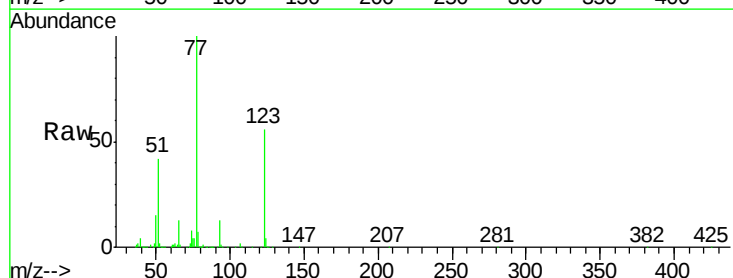
Manual Integrations
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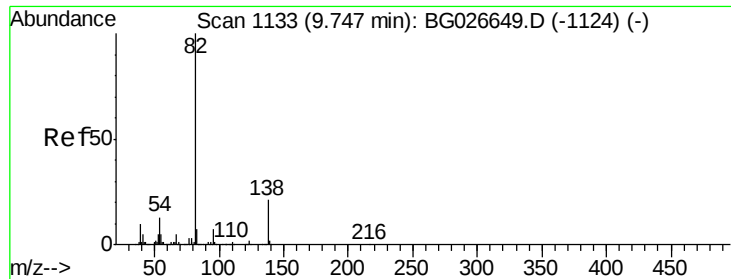
mohammad
 4/20/2017 2:00:44 PM



#24
 Nitrobenzene
 Concen: 42.66 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
123	56.3	26.1	39.1#		
65	13.1	12.4	18.6		





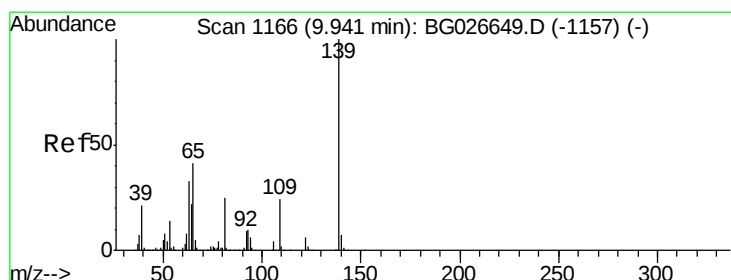
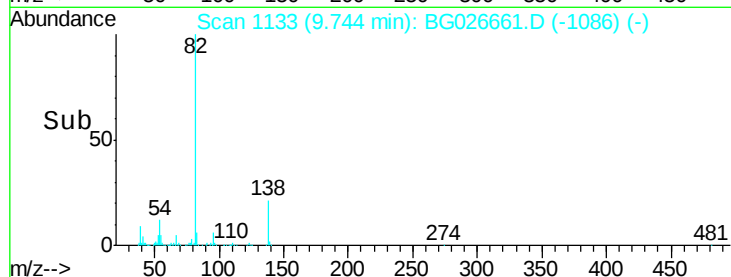
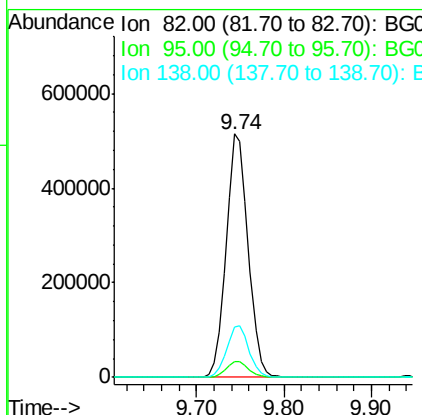
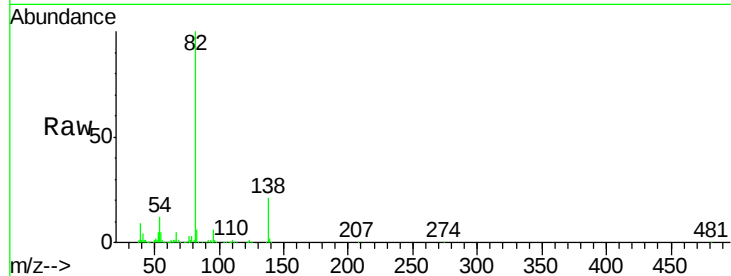
#25
Isophorone
Concen: 43.88 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	7.5	11.3#	
138	20.7	12.3	18.5#	

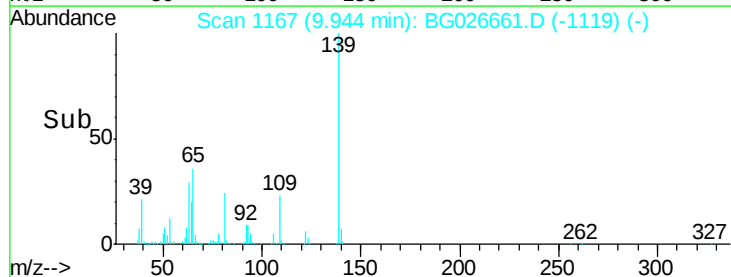
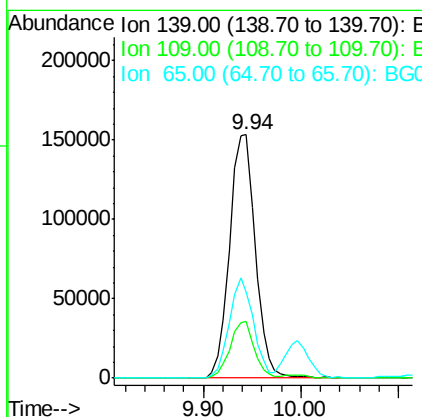
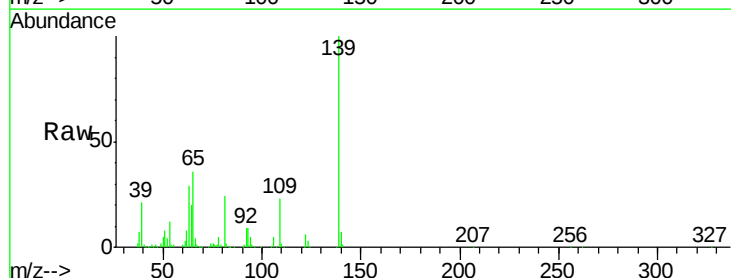
Manual Integrations
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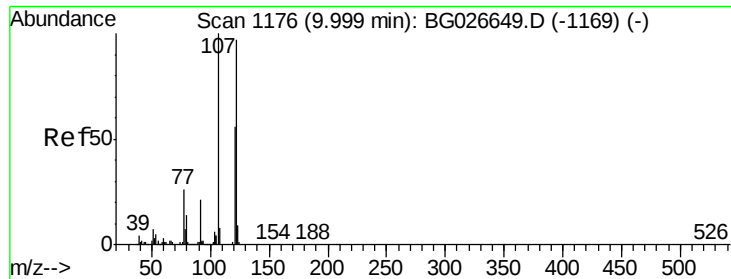
mohammad
4/20/2017 2:00:44 PM



#26
2-Nitrophenol
Concen: 44.83 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.1	38.6	58.0#	
65	35.6	57.1	85.7#	





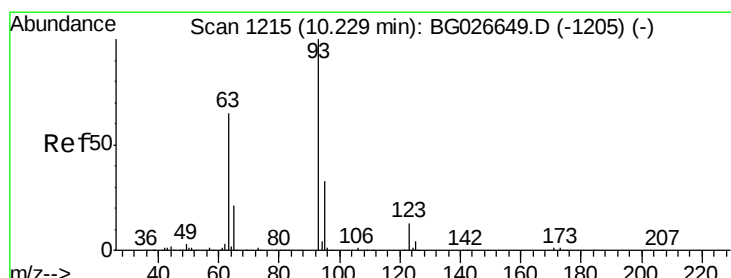
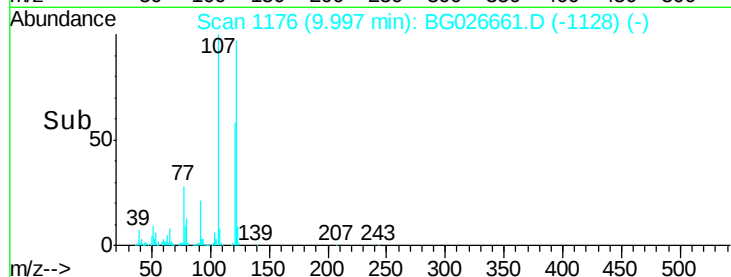
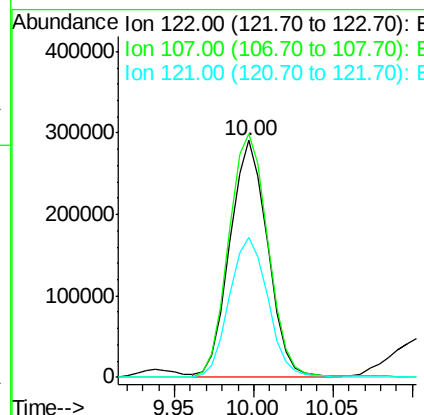
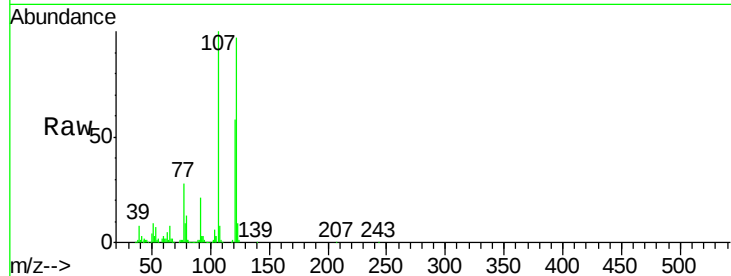
#27
 2,4-Dimethylphenol
 Concen: 47.15 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	102.7	104.2	156.4#
121	59.1	46.0	69.0

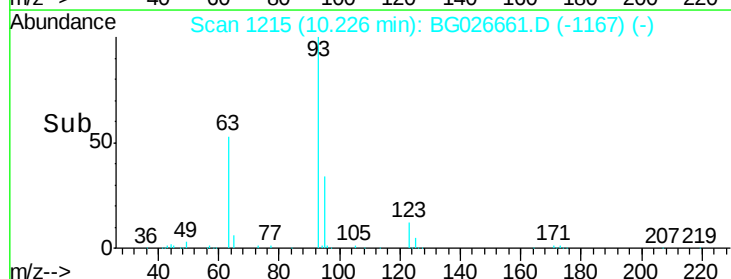
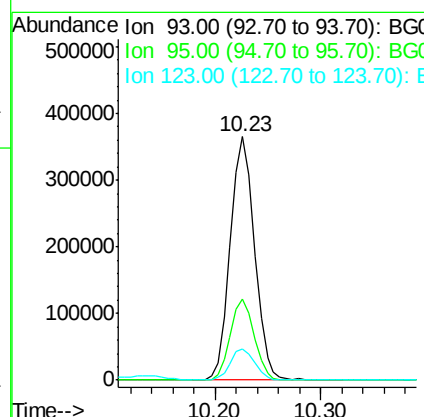
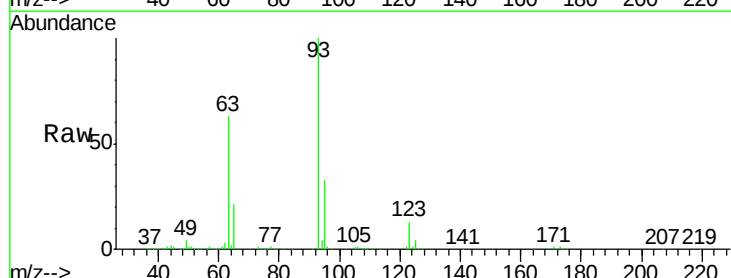
Manual Integrations
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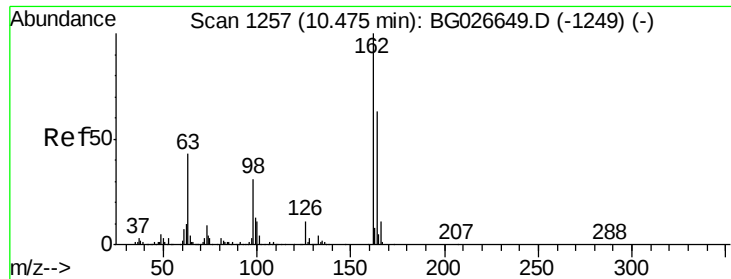
mohammad
 4/20/2017 2:00:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.17 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.7	38.5
123	12.7	8.3	12.5#





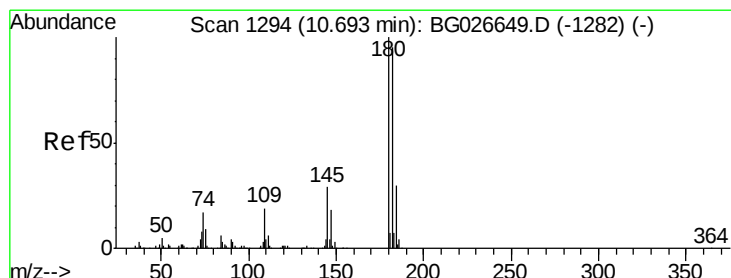
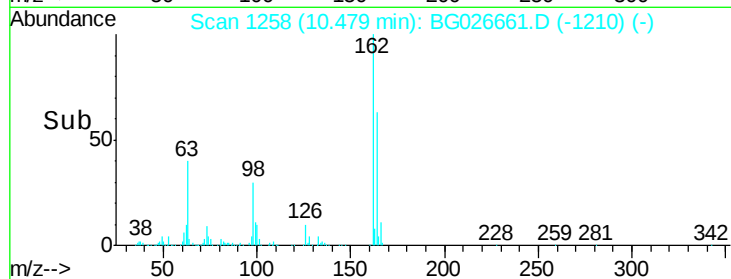
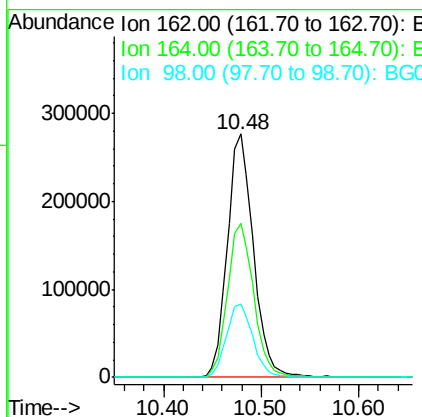
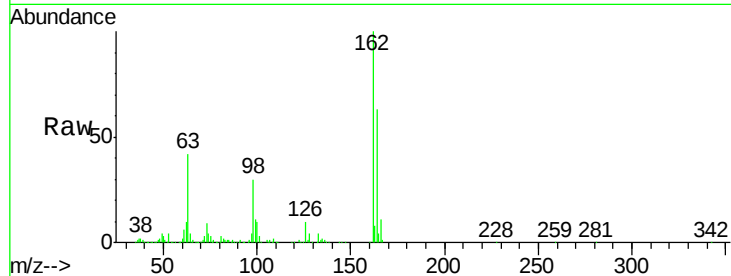
#29
2,4-Dichlorophenol
Concen: 48.36 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	514076		
164	63.3	42.4	82.4	
98	30.2	20.3	60.3	

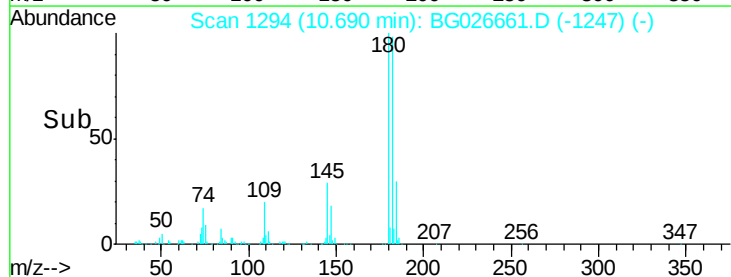
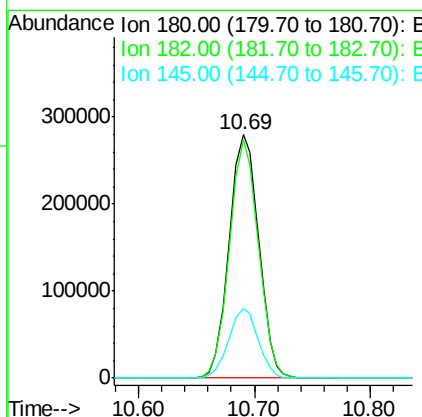
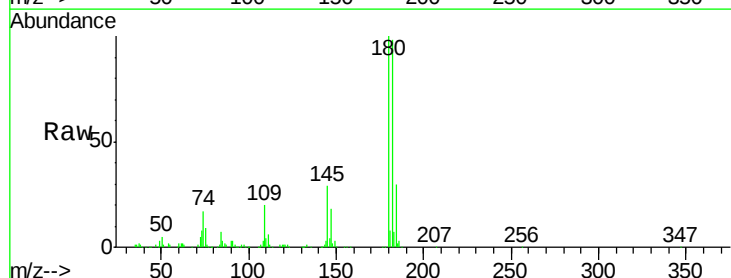
Manual Integrations
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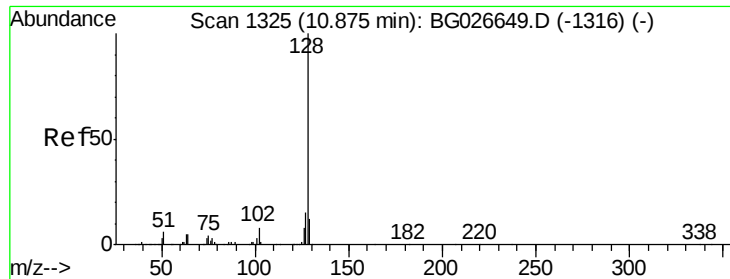
mohammad
4/20/2017 2:00:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.05 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	498266		
182	97.9	77.0	115.4	
145	28.5	23.4	35.0	





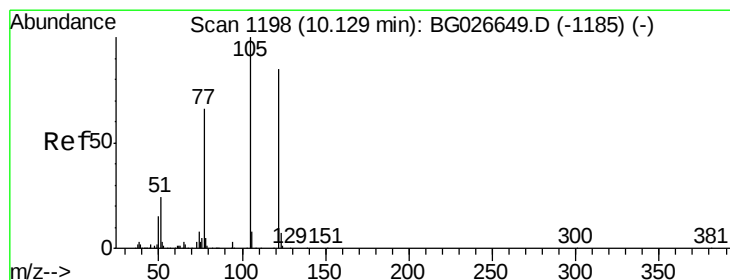
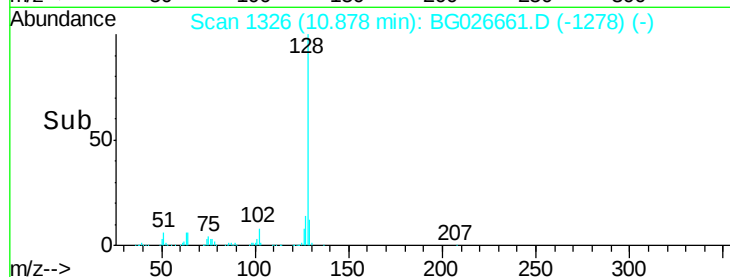
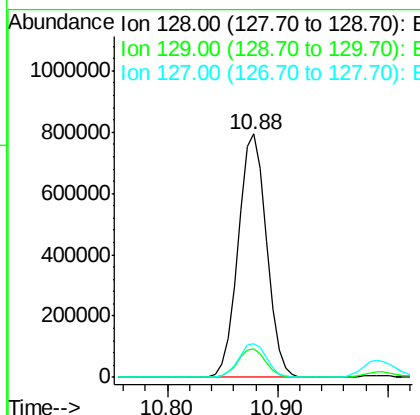
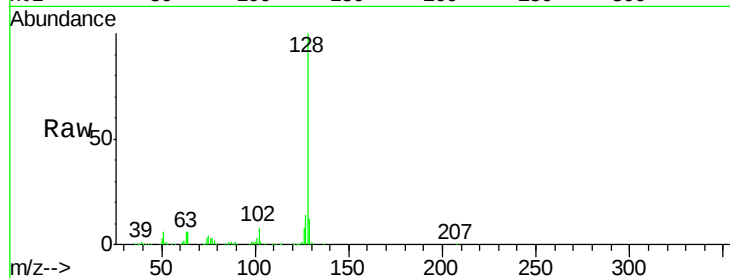
#31
Naphthalene
Concen: 42.63 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.8	11.4	17.0

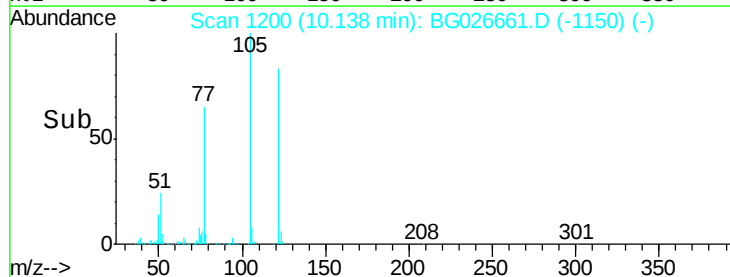
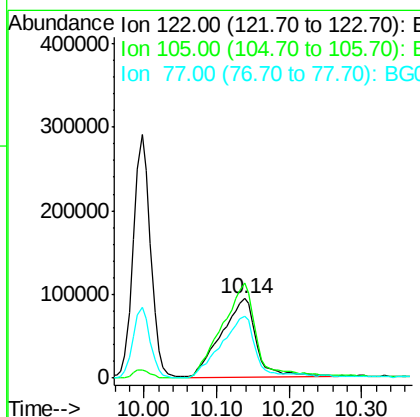
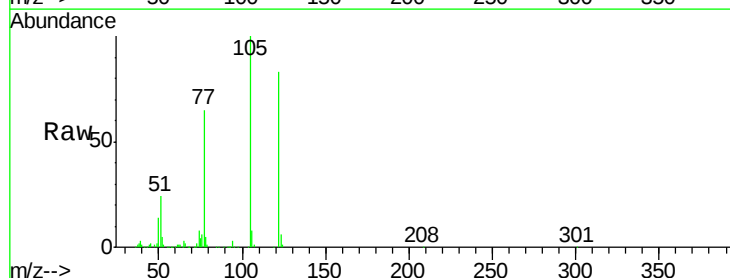
Manual Integrations
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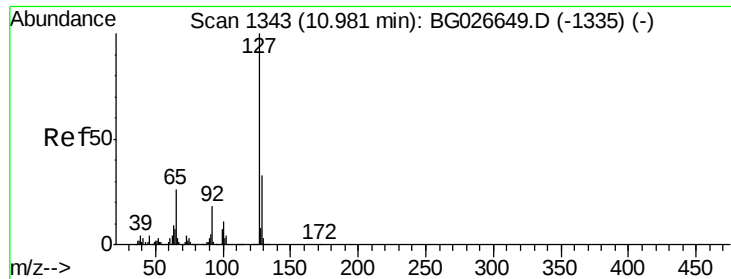
mohammad
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#32
Benzoic acid
Concen: 45.19 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	120.1	160.1#
77	77.9	104.6	144.6#





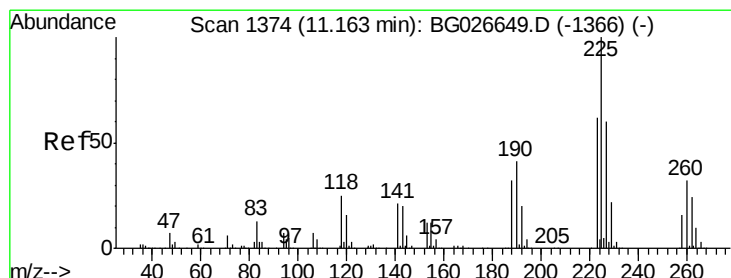
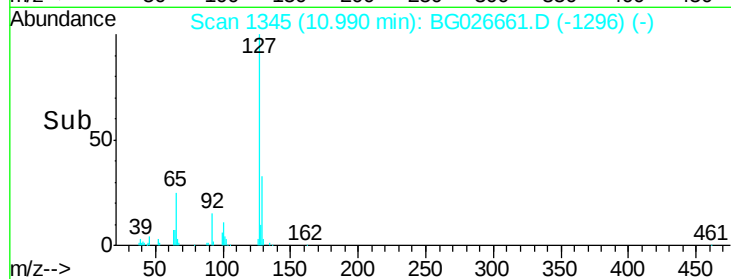
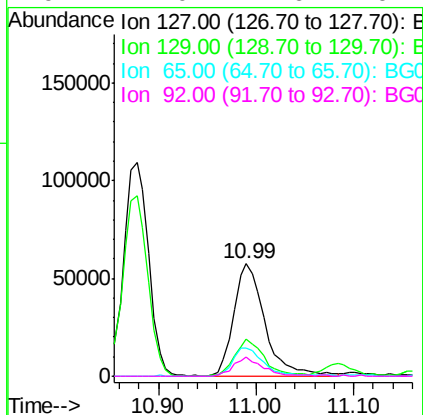
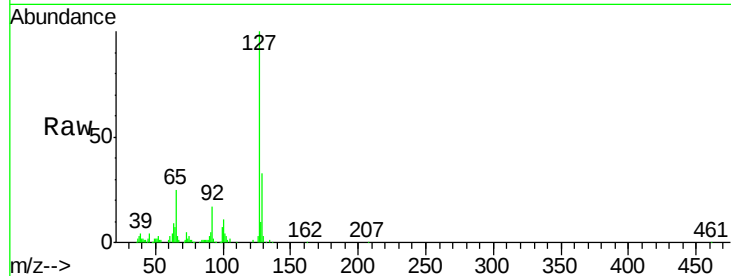
#33
4-Chloroaniline
Concen: 8.93 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		128777		
129	32.7	23.6	35.4		
65	24.6	37.7	56.5		
92	17.0	17.6	26.4		

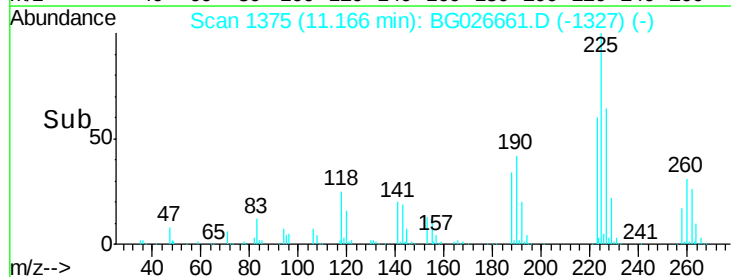
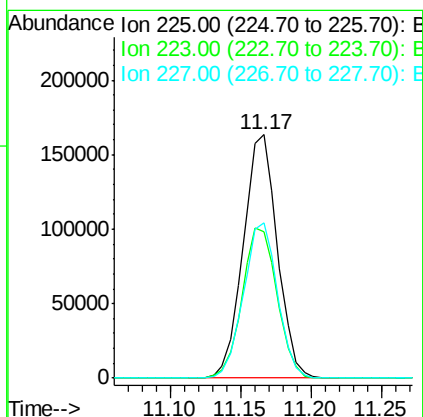
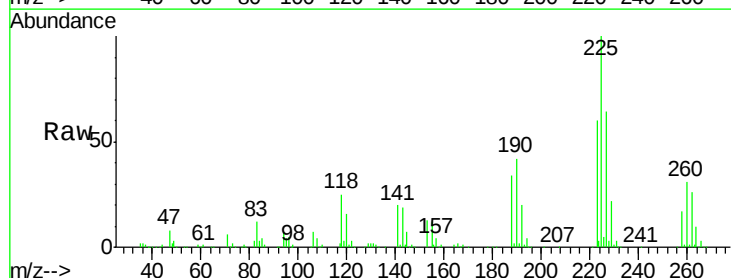
Manual Integrations
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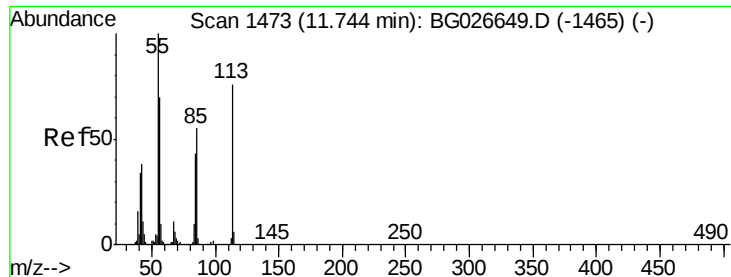
mohammad
4/20/2017 2:00:44 PM



#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		276316		
223	60.1	50.7	76.1		
227	63.8	49.0	73.6		





#35

Caprolactam

Concen: 48.40 ng/ml

RT: 11.75 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

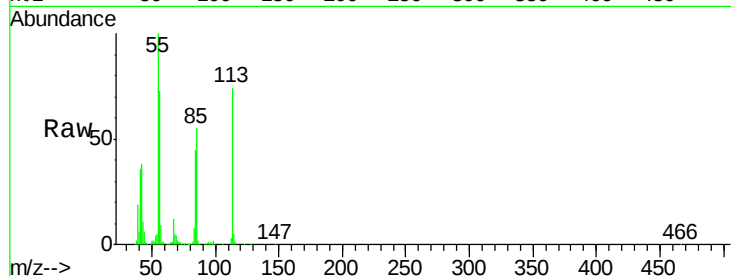
ClientSampleId :

PB98331BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.0	198.6	238.6#
56	98.7	140.4	180.4#

Manual Integrations
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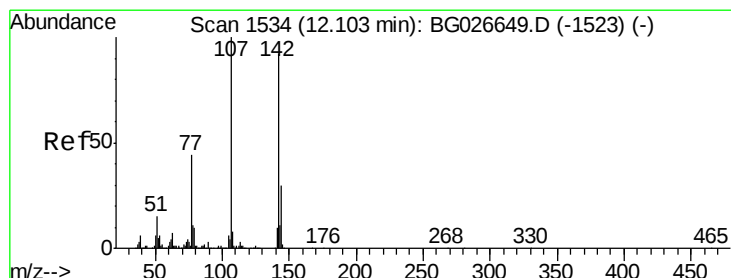
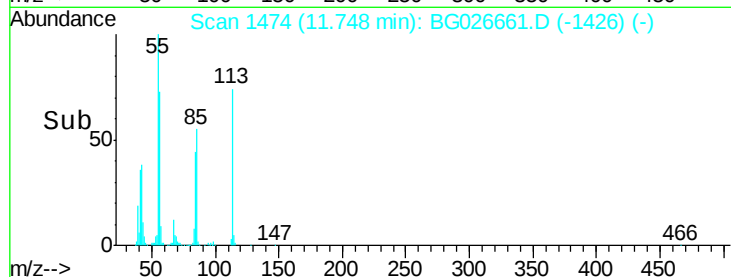
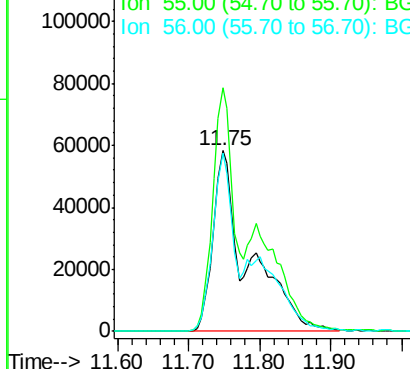
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.17 ng/ml

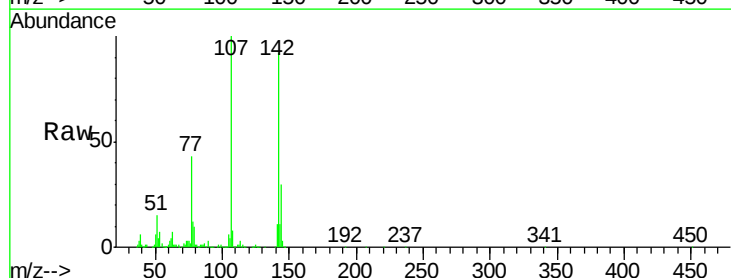
RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

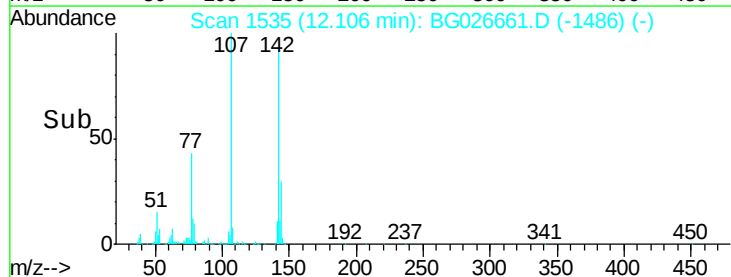
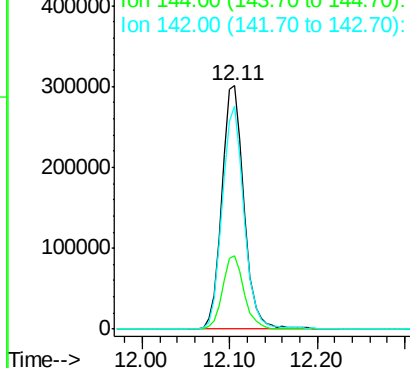
Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.2	17.4	26.0#
142	91.5	54.1	81.1#

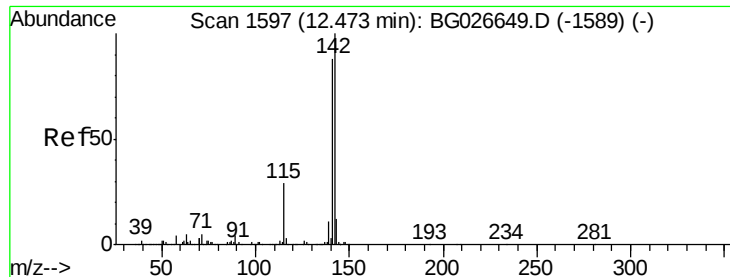


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





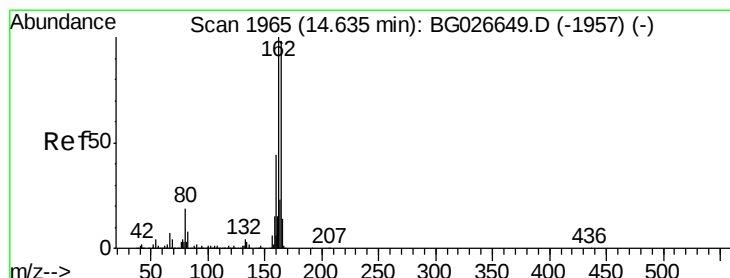
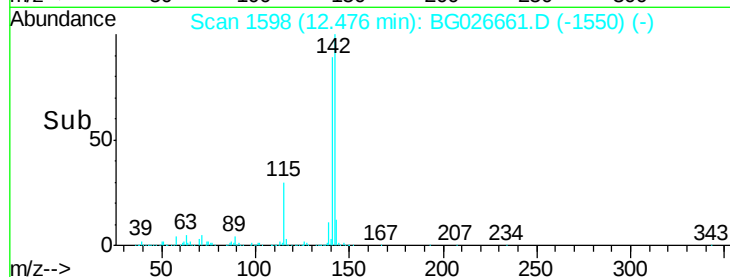
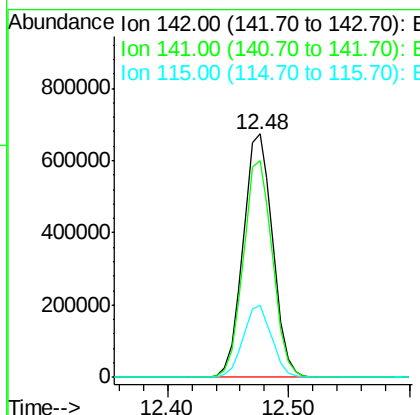
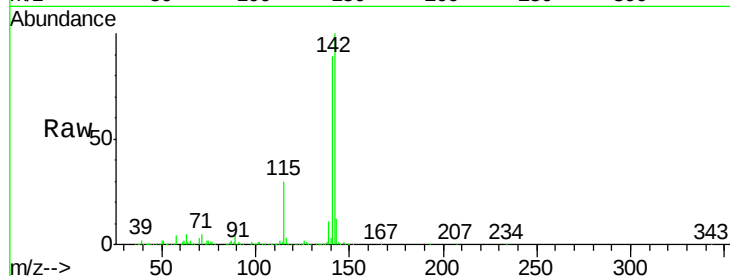
#37
2-Methylnaphthalene
Concen: 44.40 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	29.5	35.5	53.3

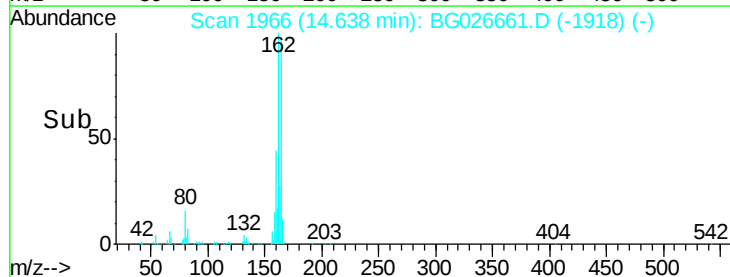
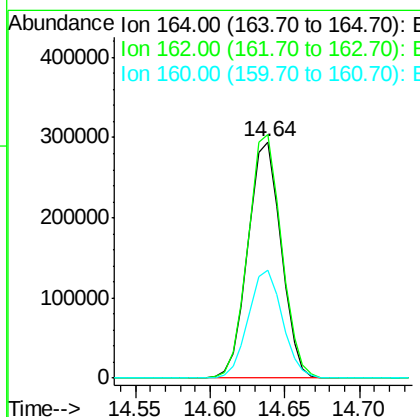
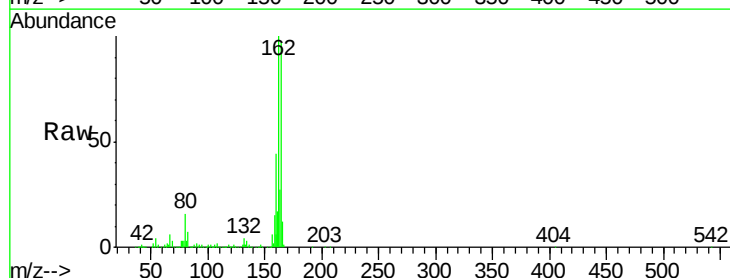
Manual Integrations
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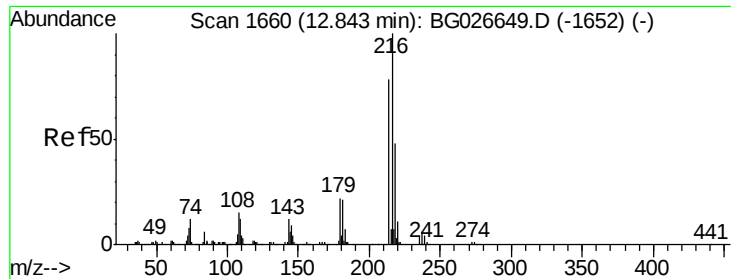
mohammad
4/20/2017 2:00:44 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	45.6	34.7	52.1





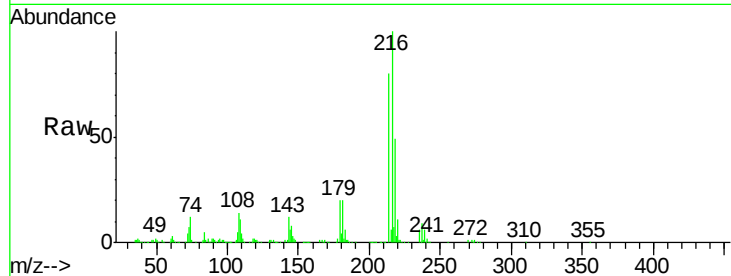
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.89 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

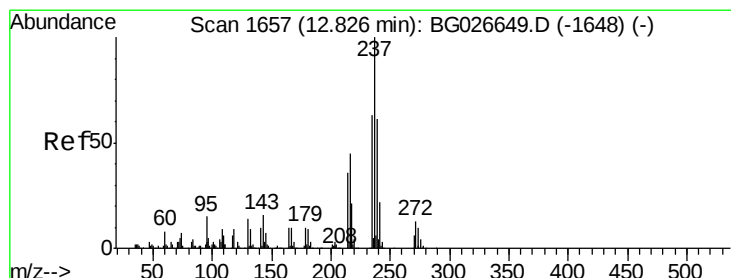
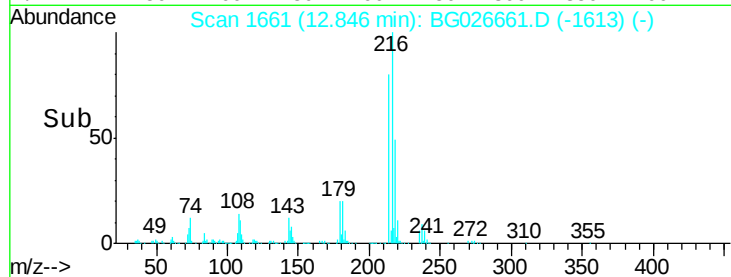
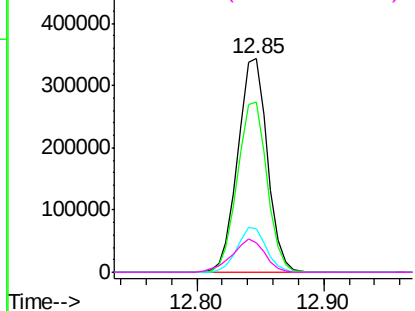
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.8		64.4	96.6	
179	20.6		17.4	26.0	
108	17.1		15.6	23.4	

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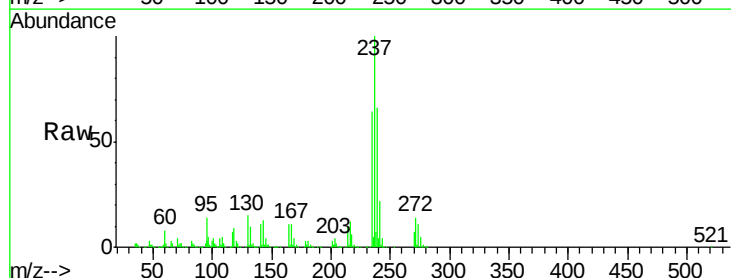


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

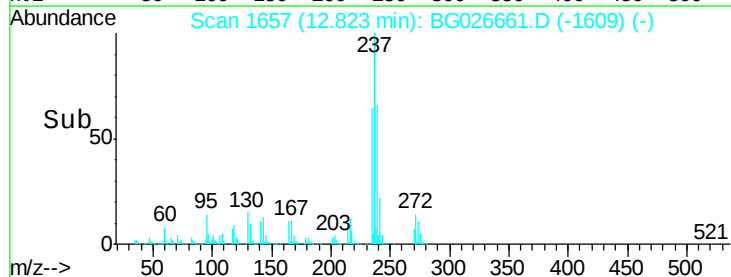
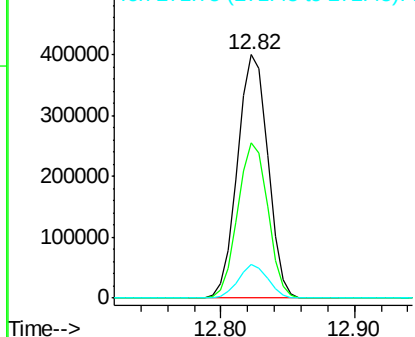


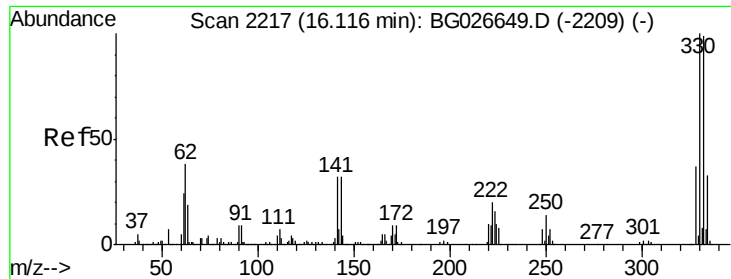
#40
 Hexachlorocyclopentadiene
 Concen: 89.58 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.5		39.4	79.4	
272	13.6		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





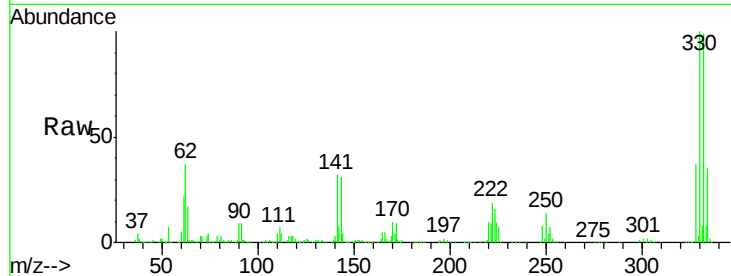
#41
 2,4,6-Tribromophenol
 Concen: 134.70 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

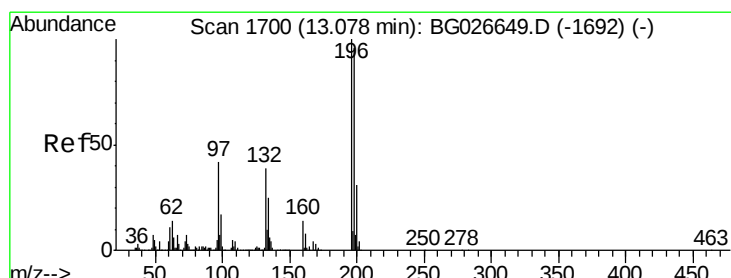
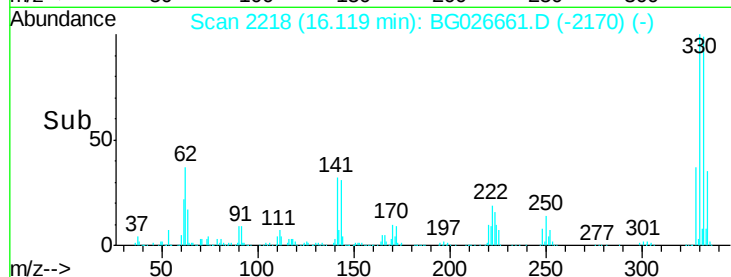
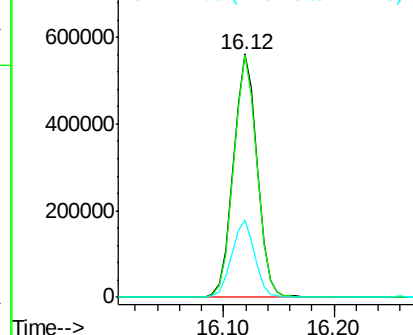
Tot Ion	Ratio	Resp	Lower	Upper
330	100	847176		
332	97.4		77.3	115.9
141	30.8		32.1	48.1#

Manual Integrations
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mohammad
 4/20/2017 2:00:44 PM

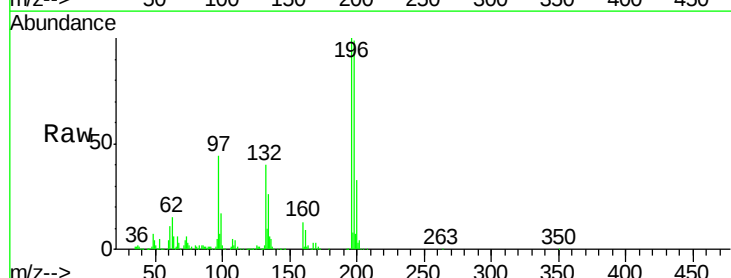


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

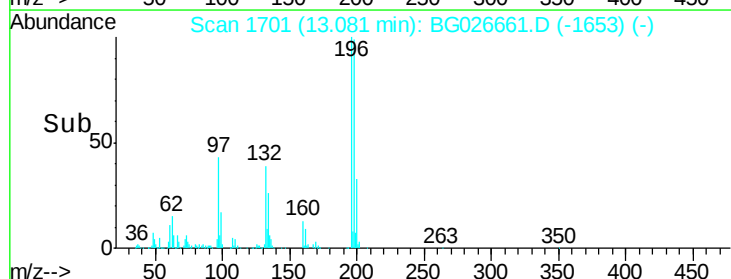
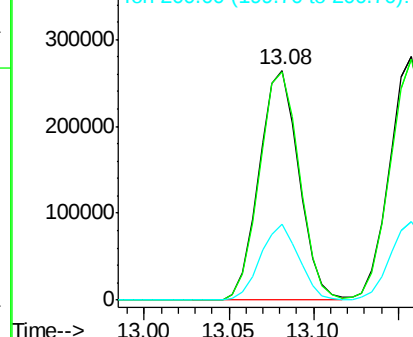


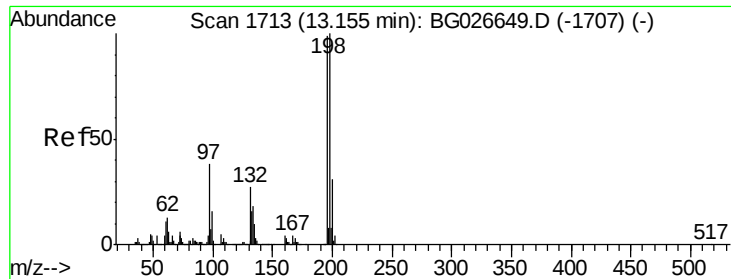
#42
 2,4,6-Trichlorophenol
 Concen: 43.52 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	430856		
198	99.0		81.4	122.2
200	32.9		27.0	40.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





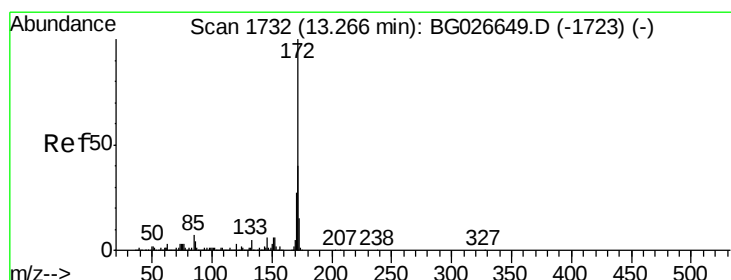
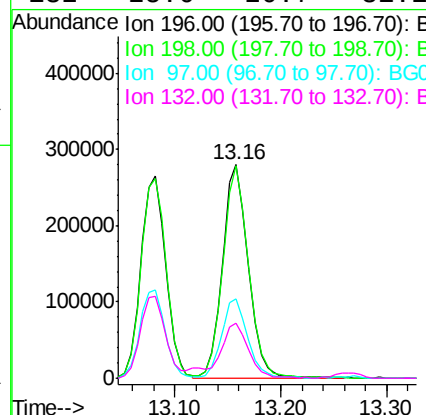
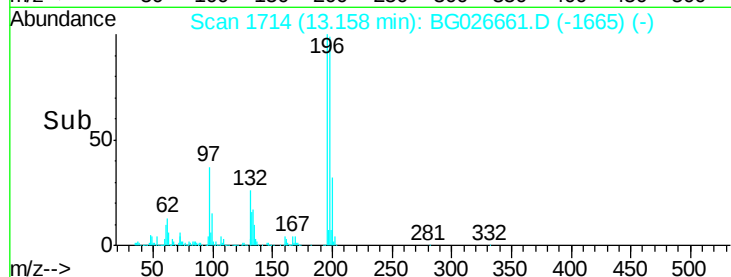
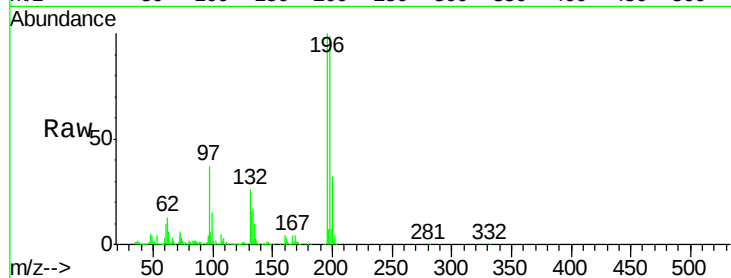
#43
 2,4,5-Trichlorophenol
 Concen: 45.25 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion:	196	Resp:	473742
Ion Ratio	Lower	Upper	
196	100		
198	99.2	79.9	119.9
97	37.1	45.4	68.0
132	25.6	20.7	31.1

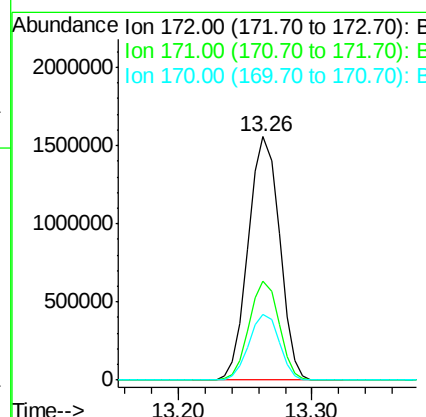
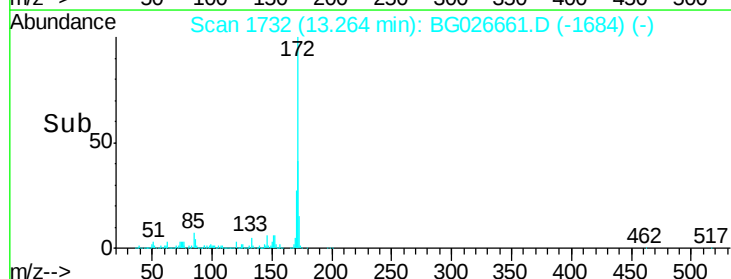
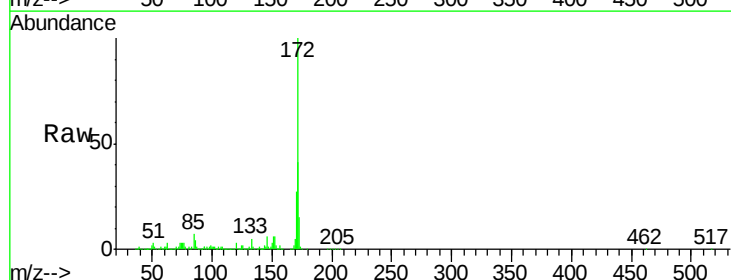
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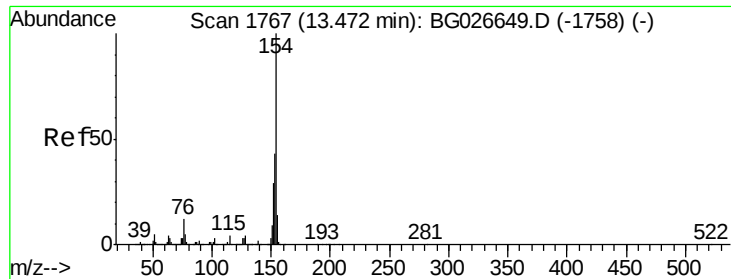
mohammad
 4/20/2017 2:00:44 PM



#44
 2-Fluorobiphenyl
 Concen: 83.04 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion:	172	Resp:	2516673
Ion Ratio	Lower	Upper	
172	100		
171	40.8	32.2	48.2
170	27.1	21.8	32.6





#45

1,1'-Biphenyl

Concen: 41.08 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB98331BS

Tot Ion:154 Resp: 1506626

Ion Ratio Lower Upper

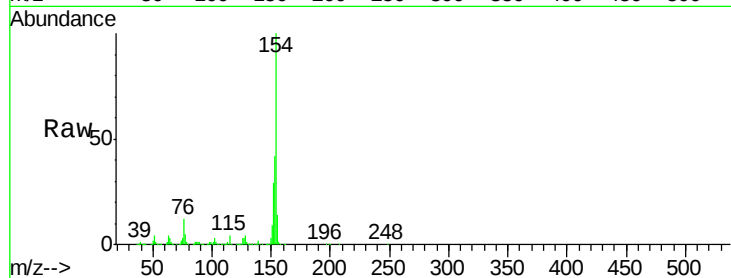
154 100

153 41.9 23.0 63.0

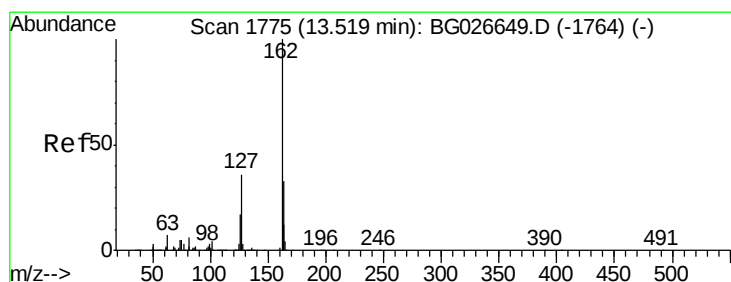
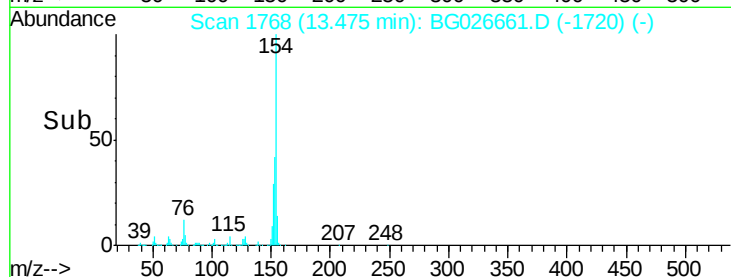
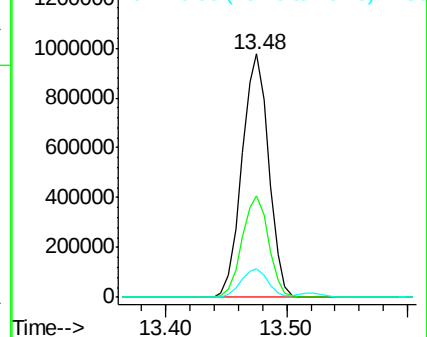
76 11.9 0.0 33.5

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



#46

2-Chloronaphthalene

Concen: 41.78 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

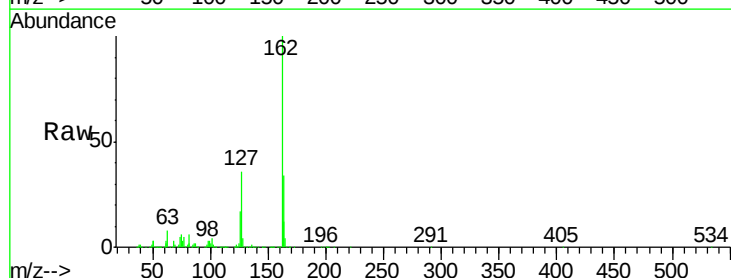
Tgt Ion:162 Resp: 1161370

Ion Ratio Lower Upper

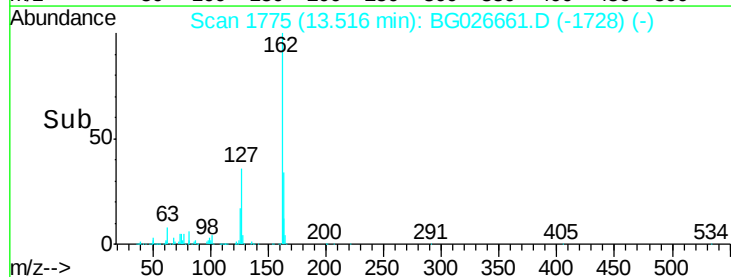
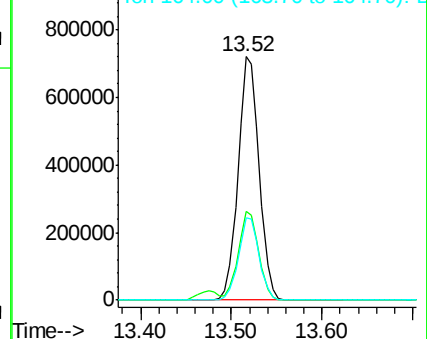
162 100

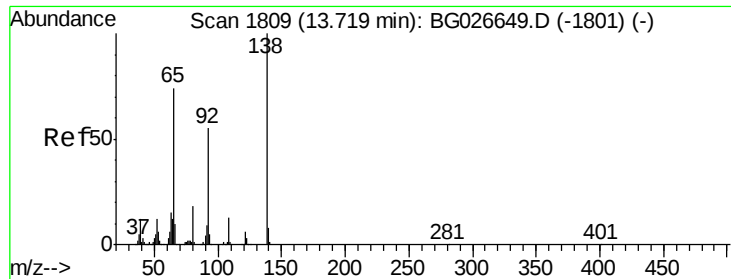
127 36.4 32.2 48.4

164 33.6 27.3 40.9



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





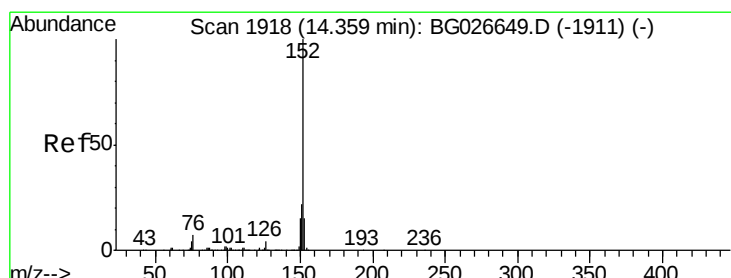
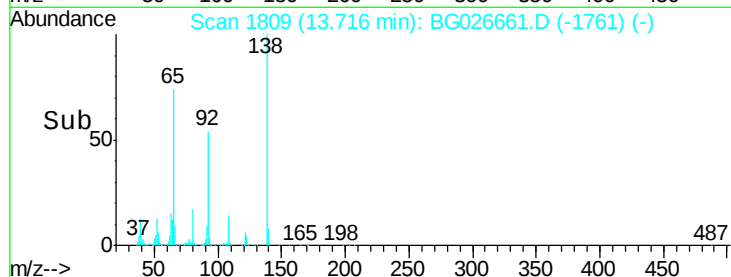
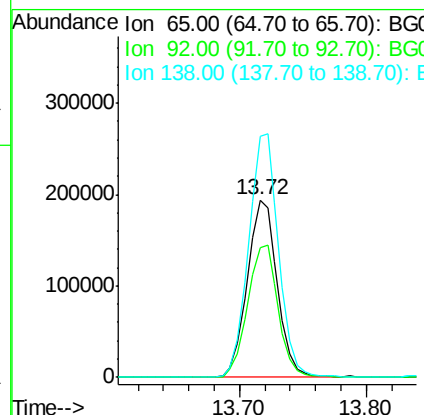
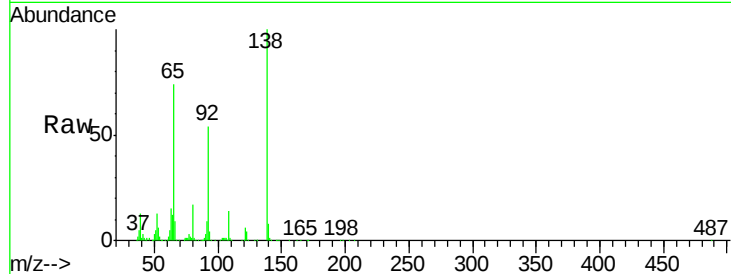
#47
2-Nitroaniline
Concen: 44.95 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	49.0	73.4
138	136.0	58.6	87.8

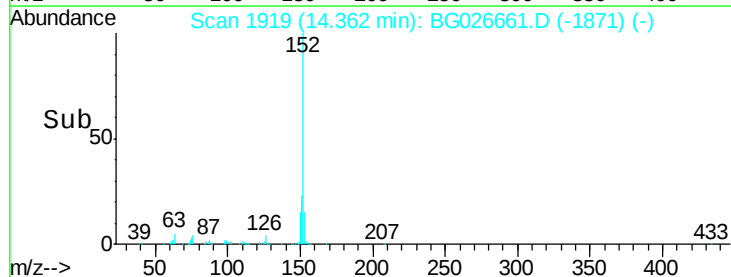
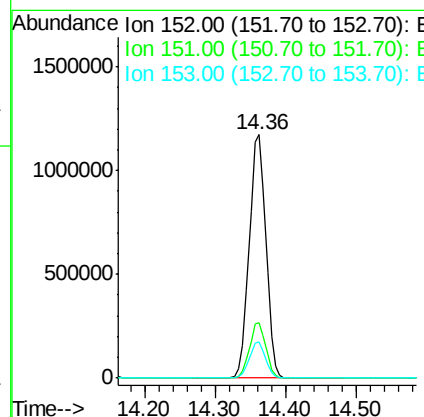
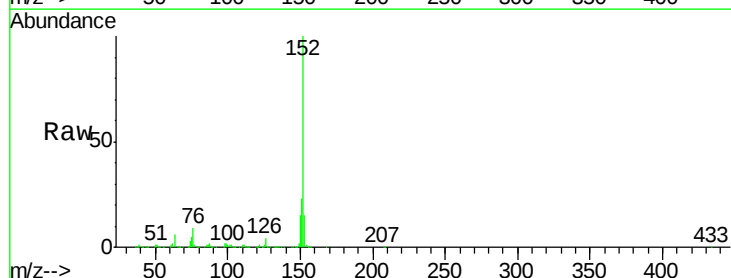
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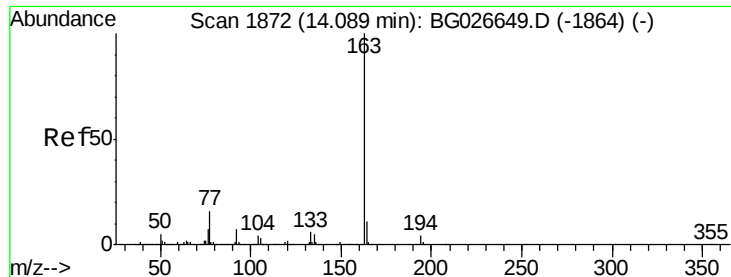
mohammad
4/20/2017 2:00:44 PM



#48
Acenaphthylene
Concen: 43.26 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	18.2	27.2
153	14.8	11.3	16.9





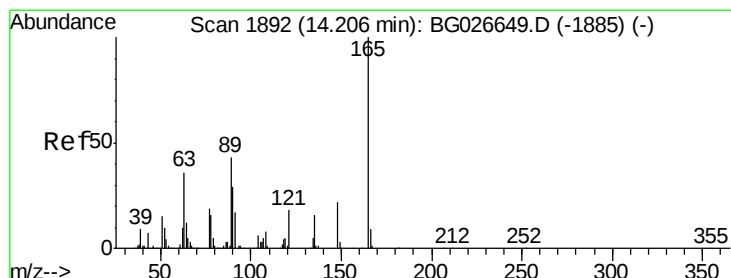
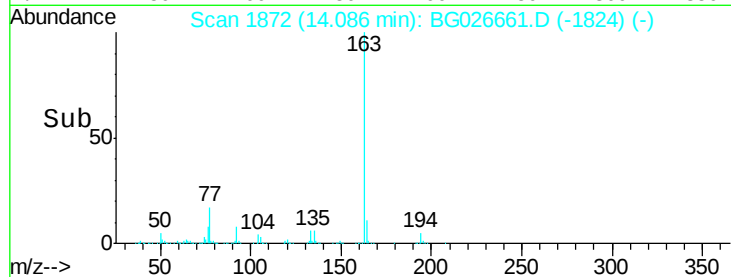
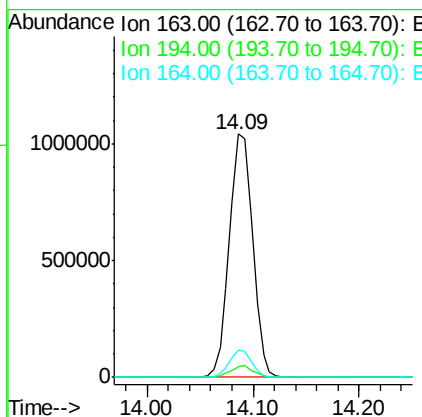
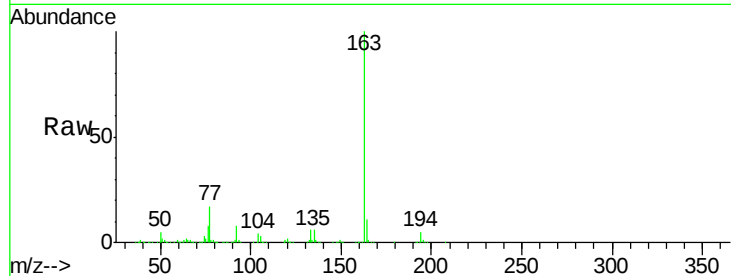
#49
Dimethylphthalate
Concen: 44.49 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	11.1	9.3	13.9

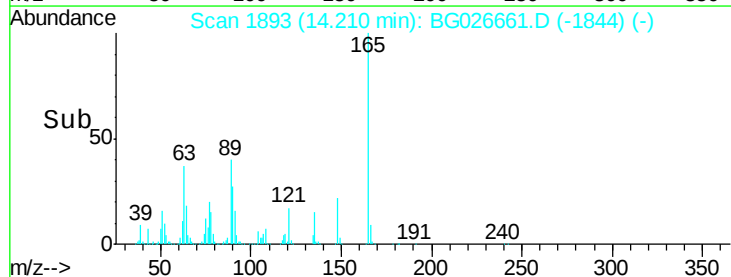
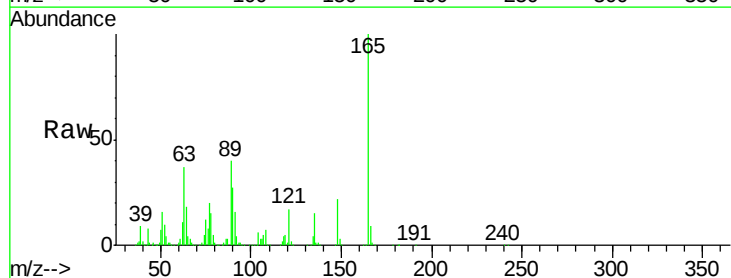
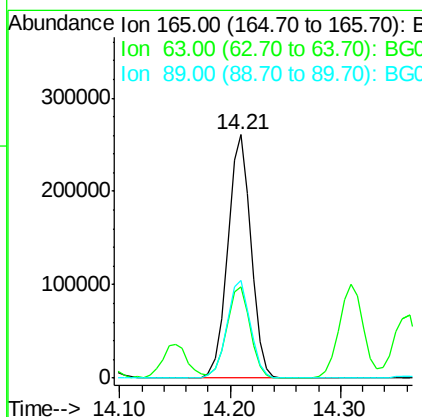
Manual Integrations
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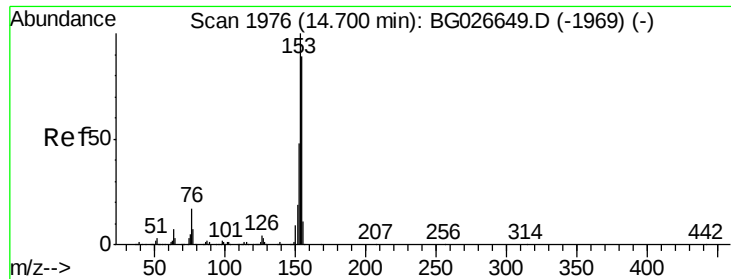
mohammad
4/20/2017 2:00:44 PM



#50
2,6-Dinitrotoluene
Concen: 45.83 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.5	63.9	95.9#
89	40.0	58.6	88.0#





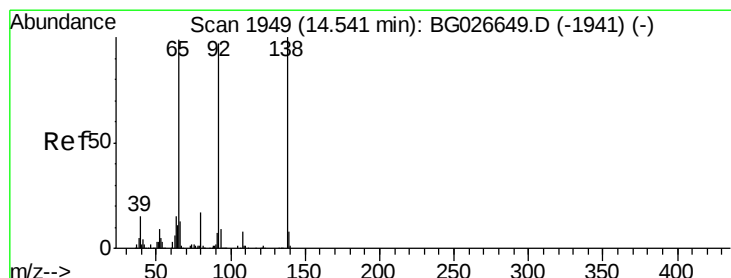
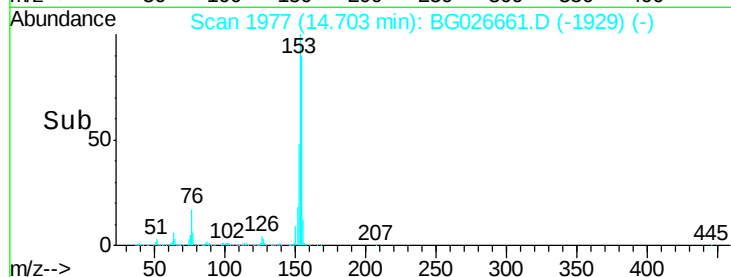
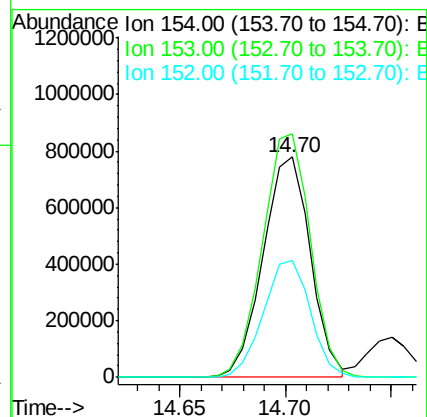
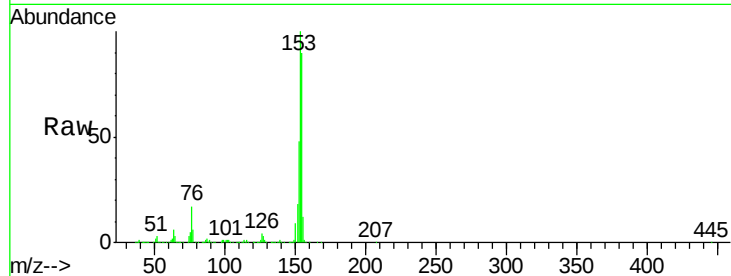
#51
Acenaphthene
Concen: 42.68 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.8	131.6
152	53.3	42.2	63.4

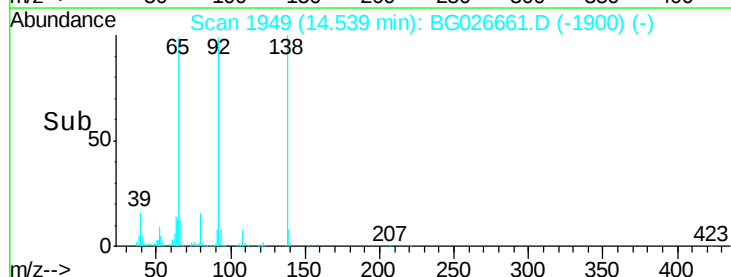
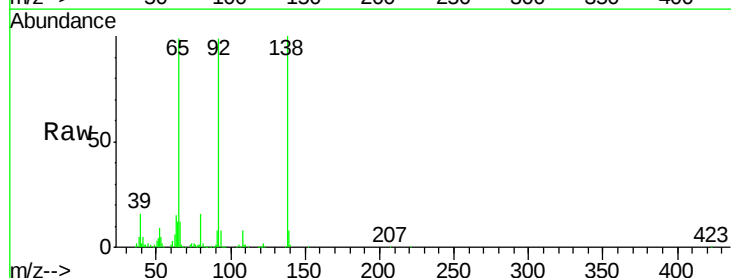
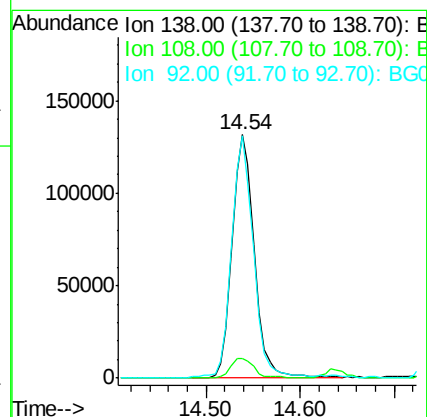
Manual Integrations
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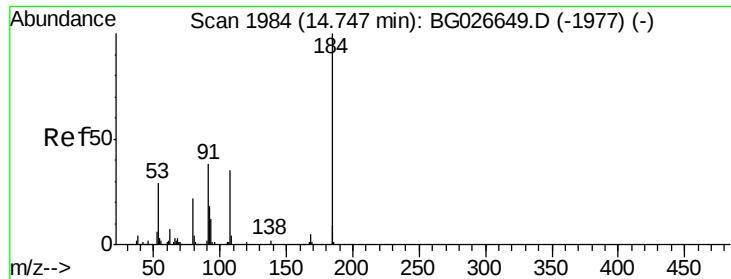
mohammad
4/20/2017 2:00:44 PM



#52
3-Nitroaniline
Concen: 23.71 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.3	10.9	16.3#
92	99.4	115.3	172.9#





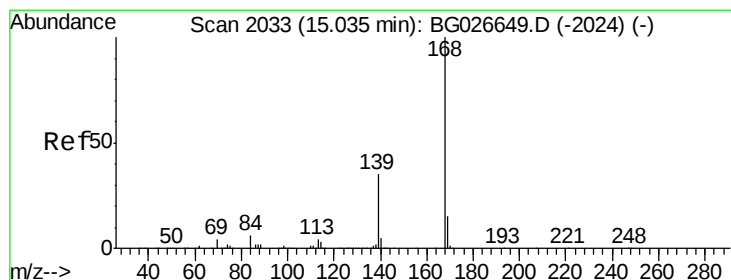
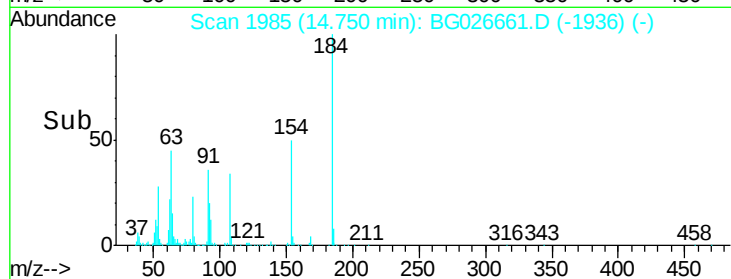
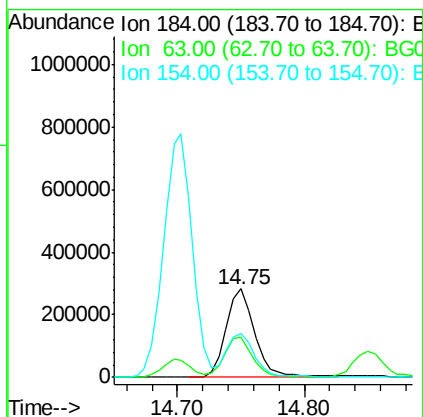
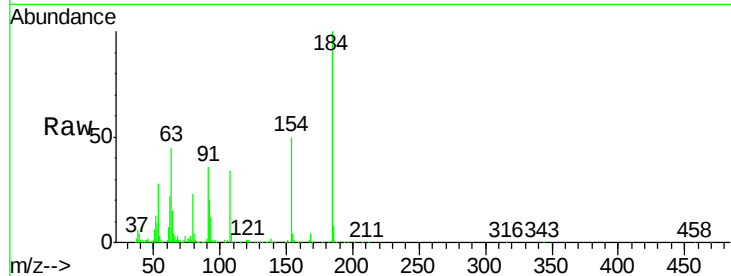
#53
2,4-Dinitrophenol
Concen: 88.43 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.0	52.7	79.1#
154	50.0	57.3	85.9#

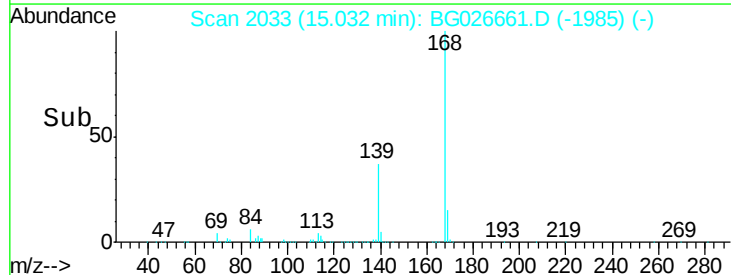
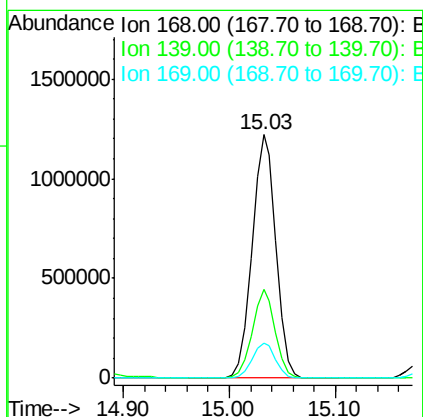
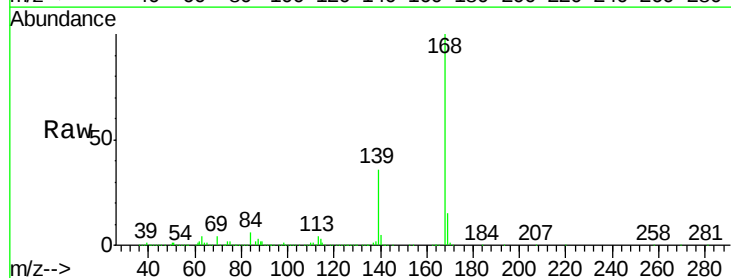
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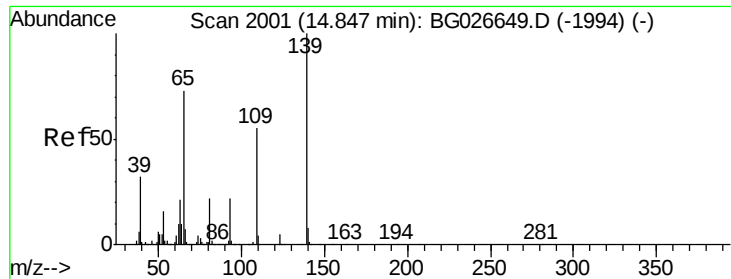
mohammad
4/20/2017 2:00:44 PM



#54
Dibenzofuran
Concen: 43.04 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	35.3	52.9
169	14.6	11.5	17.3





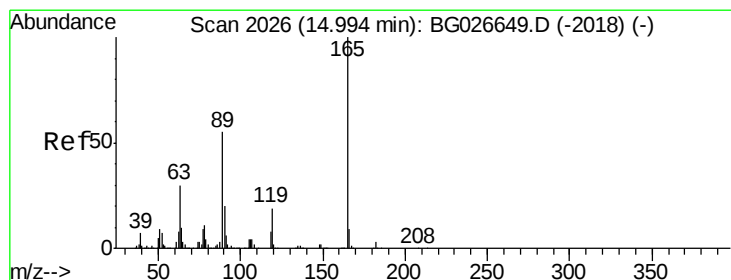
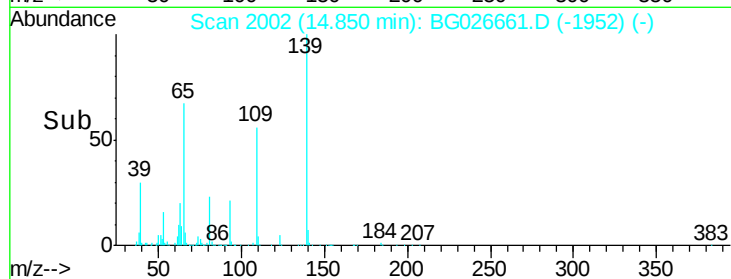
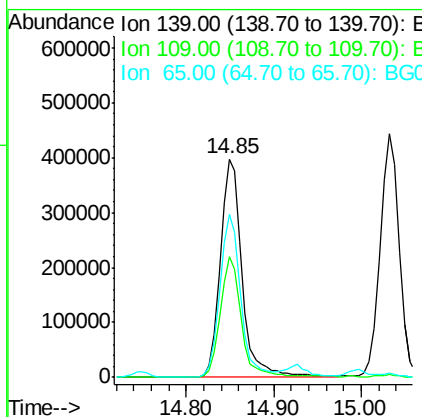
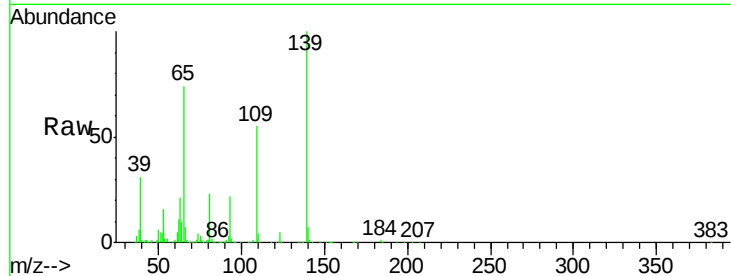
#55
4-Nitrophenol
Concen: 89.47 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	55.3	101.2	141.2#
65	74.4	135.3	175.3#

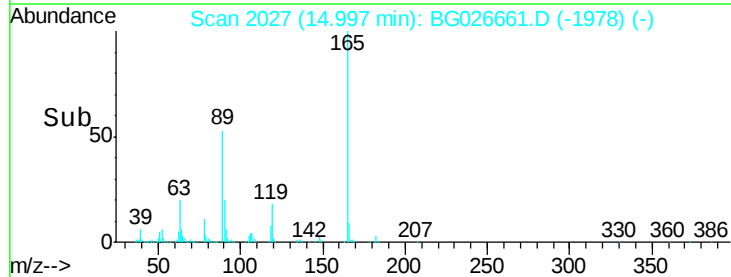
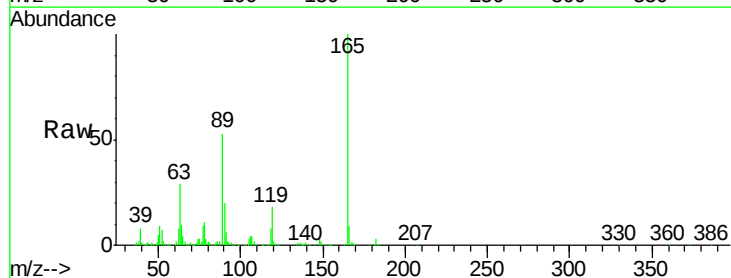
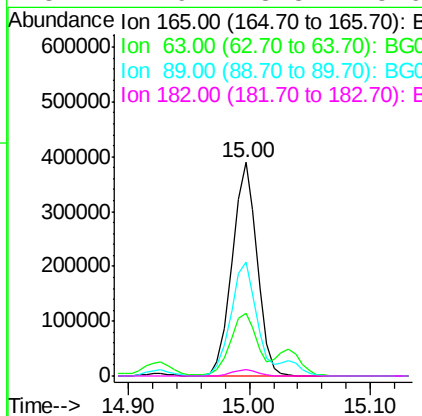
Manual Integrations
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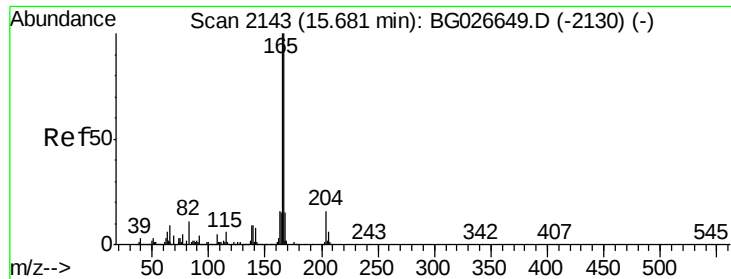
mohammad
4/20/2017 2:00:44 PM



#56
2,4-Dinitrotoluene
Concen: 47.00 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.4	44.0	66.0#
89	53.5	67.3	100.9#
182	2.9	3.8	5.6#





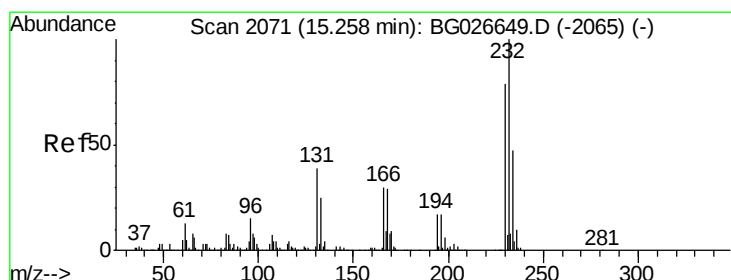
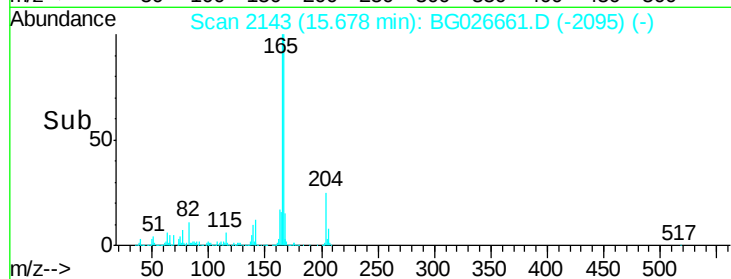
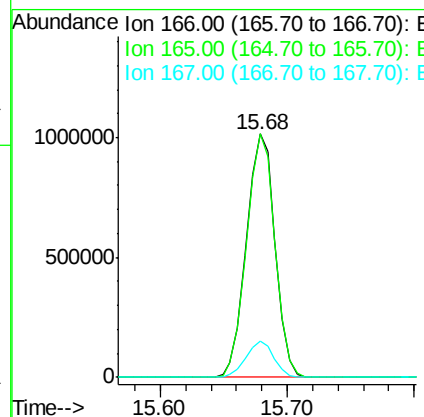
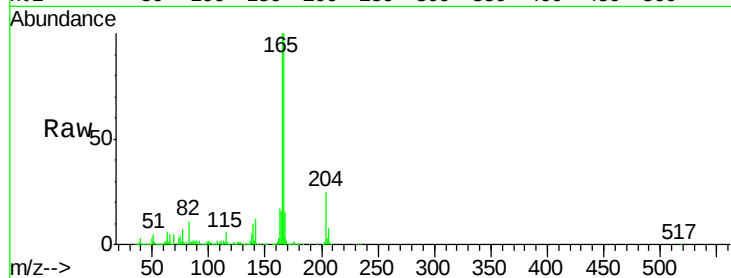
#57
Fluorene
 Concen: 43.50 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	15.0	11.6	17.4

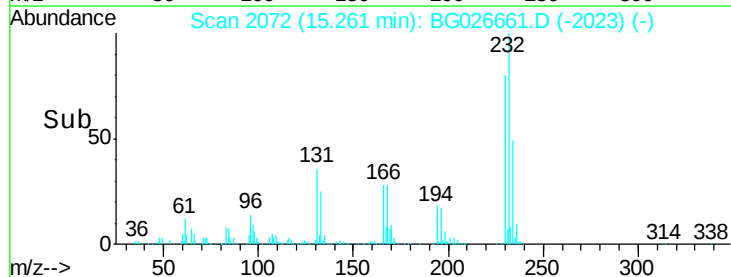
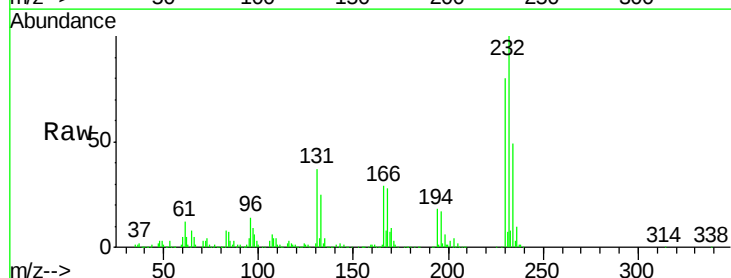
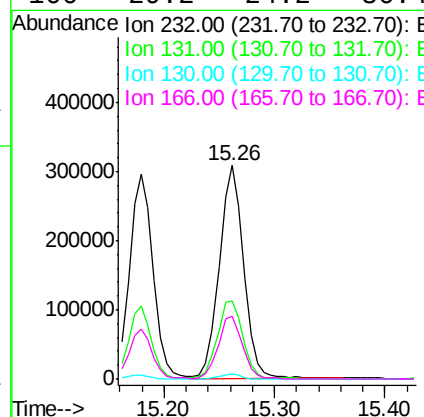
Manual Integrations
 APPROVED

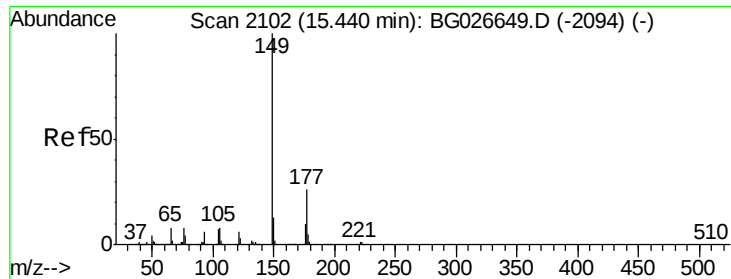
mohammad
 4/20/2017 2:00:44 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.12 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.0	34.9	52.3
130	2.1	2.3	3.5#
166	29.2	24.2	36.4





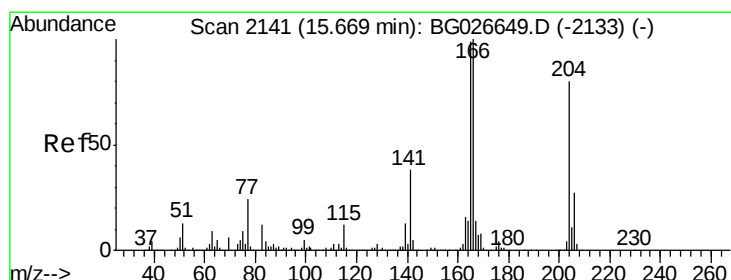
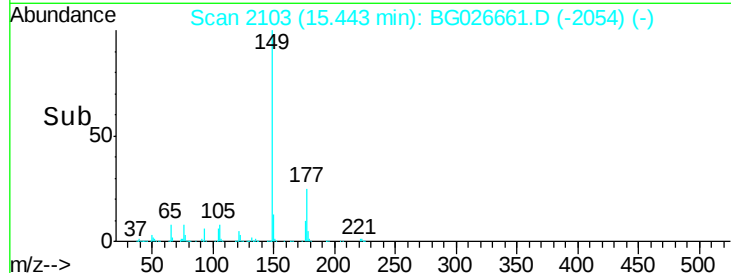
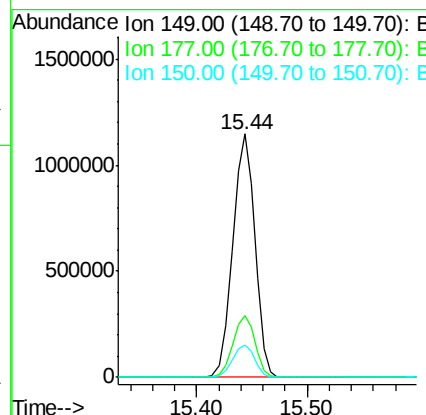
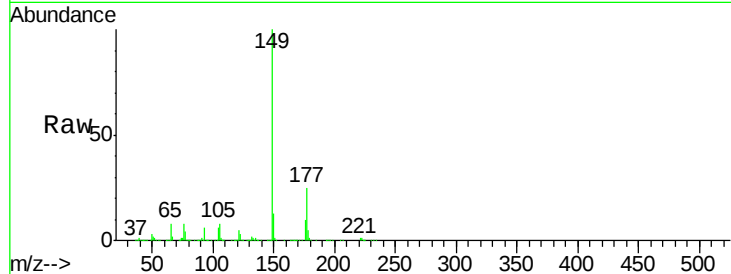
#59
Diethylphthalate
Concen: 44.43 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.1	30.1
150	13.3	10.2	15.2

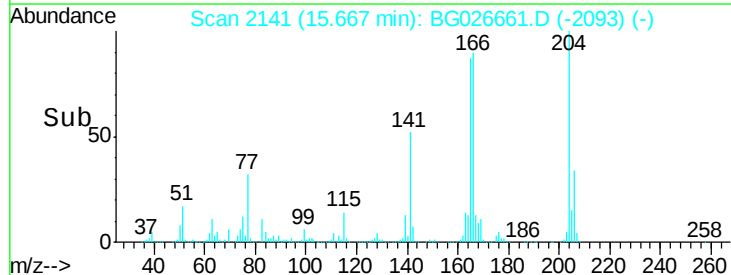
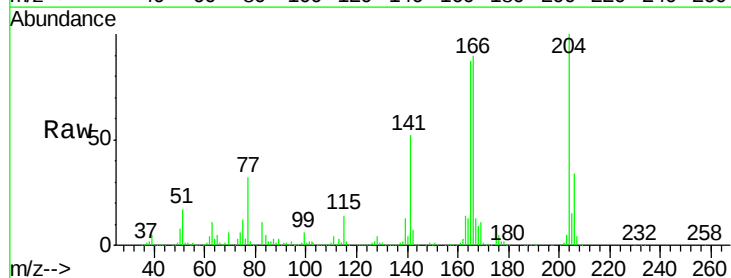
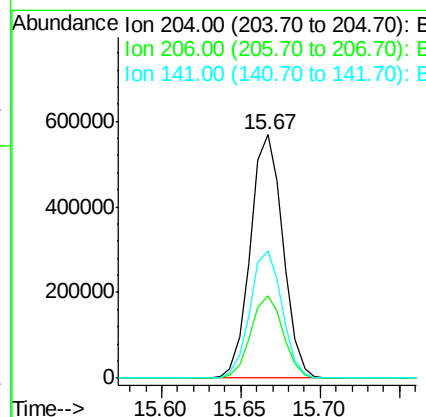
Manual Integrations
APPROVED

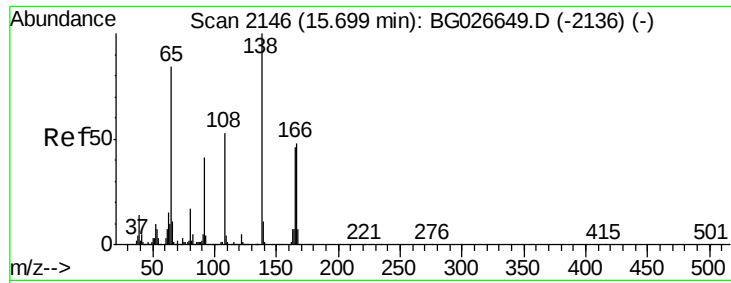
mohammad
4/20/2017 2:00:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.41 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	30.1	45.1
141	52.4	50.6	76.0





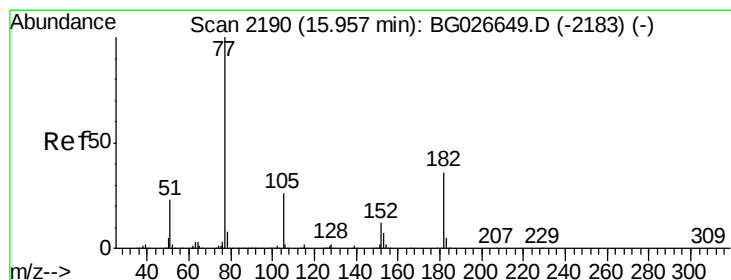
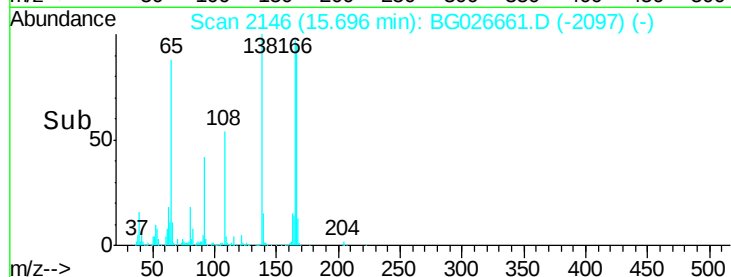
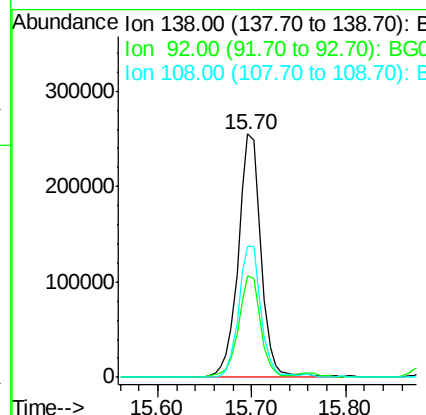
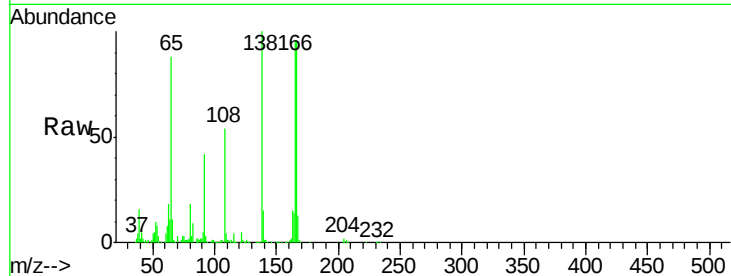
#61
4-Nitroaniline
Concen: 44.41 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.8	44.2	84.2#
108	53.8	104.8	144.8#

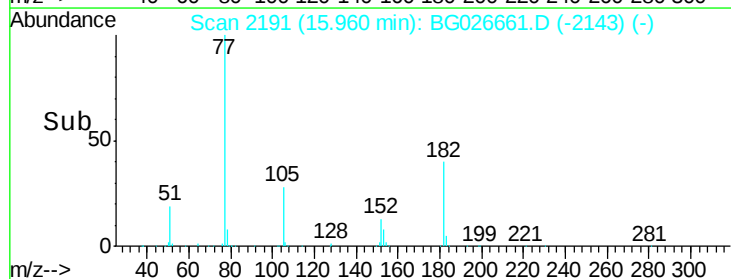
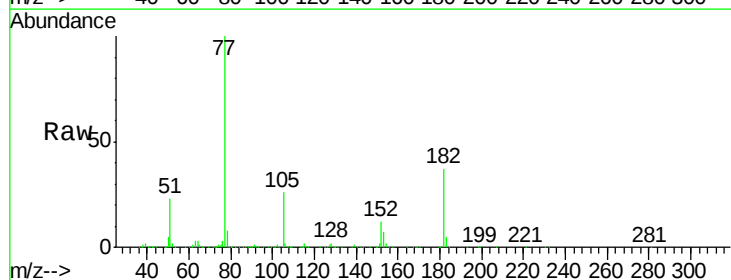
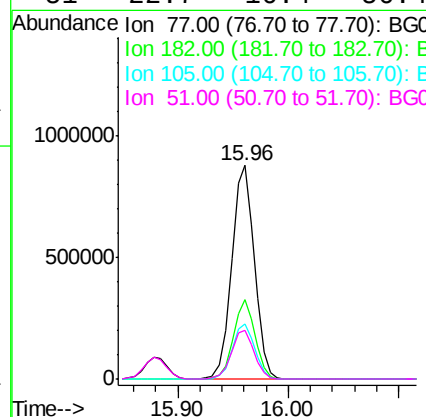
Manual Integrations
APPROVED

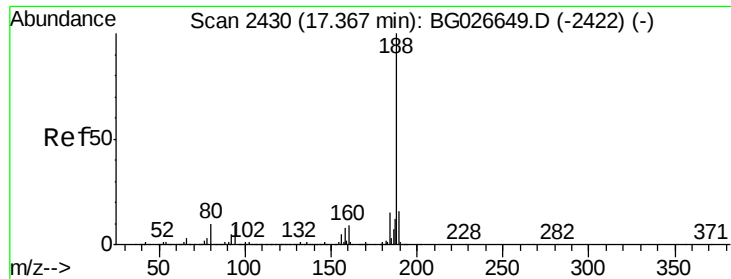
mohammad
4/20/2017 2:00:44 PM



#62
Azobenzene
Concen: 44.87 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.9	4.7	44.7
105	25.9	0.0	36.3
51	22.7	16.4	56.4





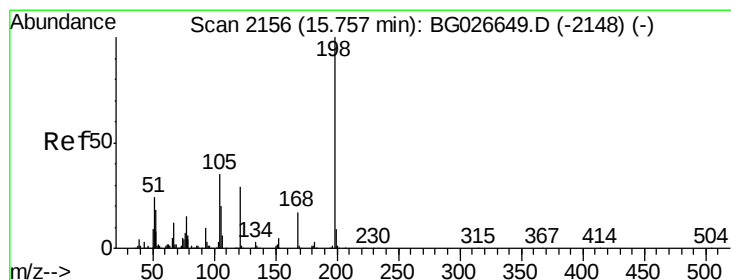
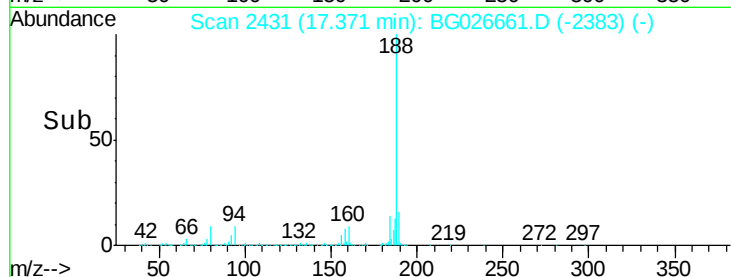
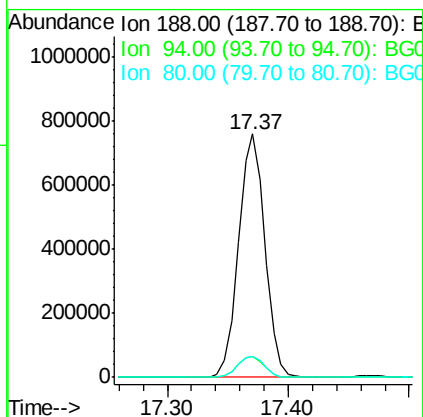
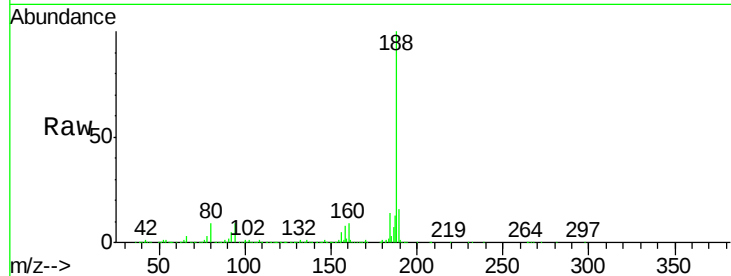
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1148441		
94	8.8	5.8	8.8#		
80	8.8	7.5	11.3		

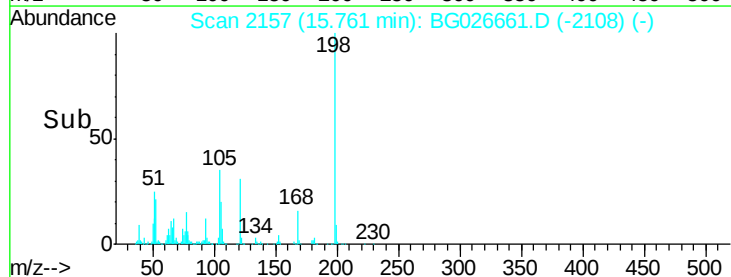
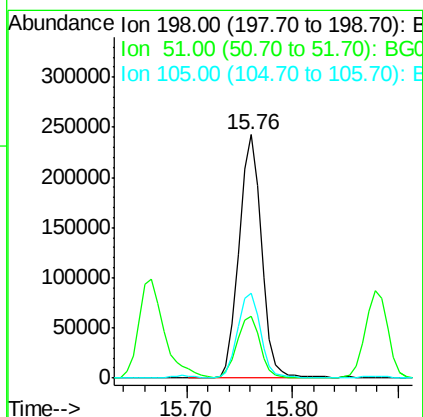
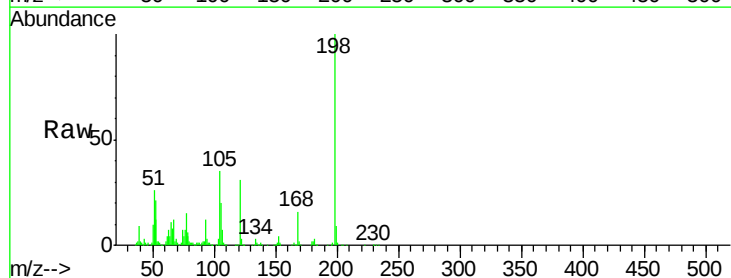
Manual Integrations
APPROVED

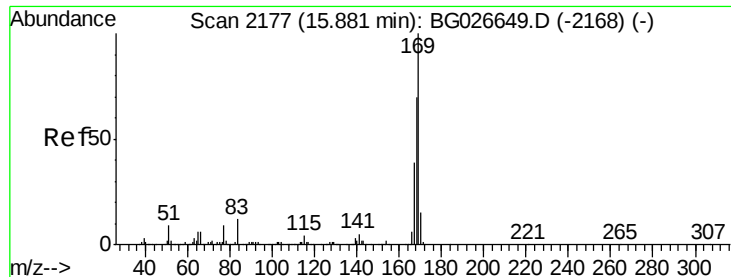
mohammad
4/20/2017 2:00:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.80 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		355213		
51	25.6	22.6	62.6		
105	35.0	14.4	54.4		





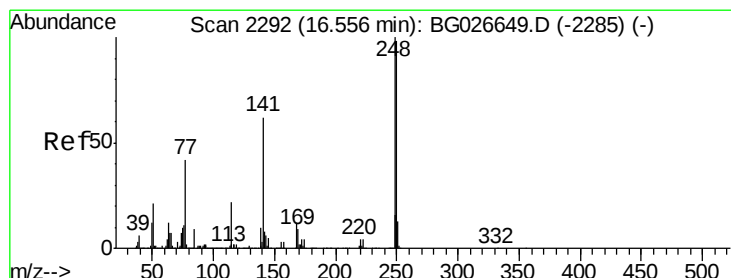
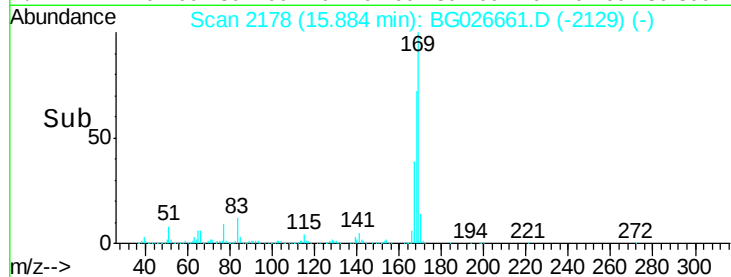
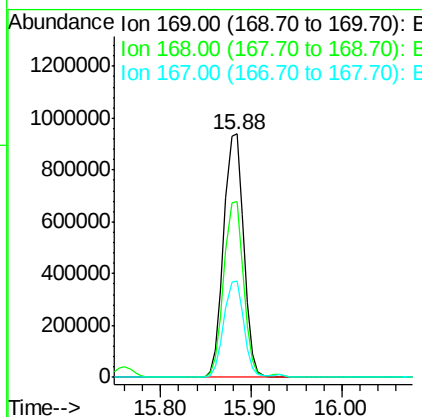
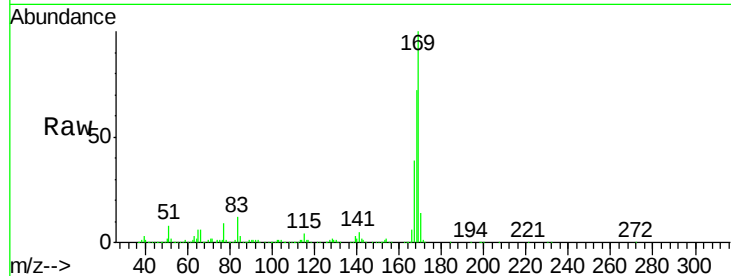
#65
n-Nitrosodiphenylamine
Concen: 43.45 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	72.1	55.7	83.5	
167	39.5	29.8	44.6	

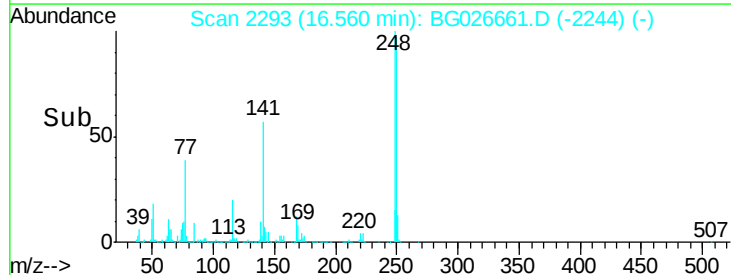
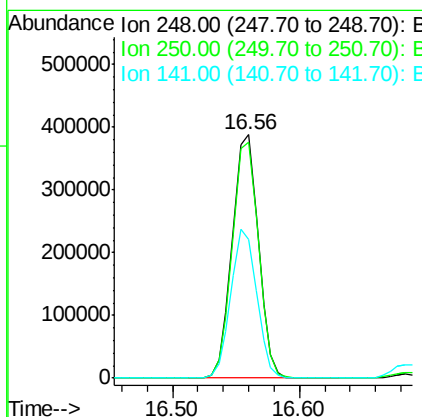
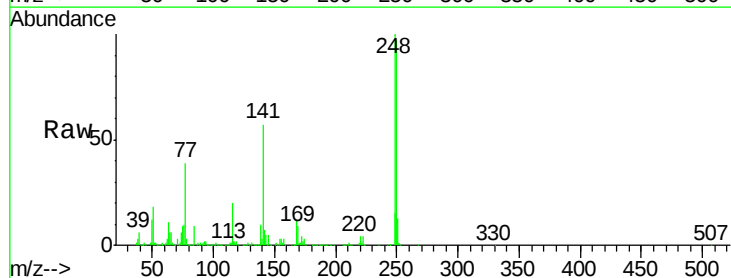
Manual Integrations
APPROVED

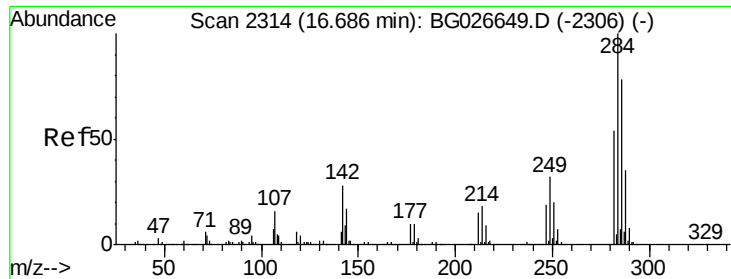
mohammad
4/20/2017 2:00:44 PM



#66
4-Bromophenyl-phenylether
Concen: 44.02 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.0	75.0	112.6	
141	57.2	55.2	82.8	





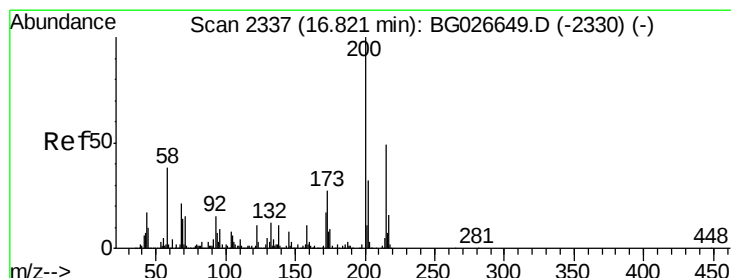
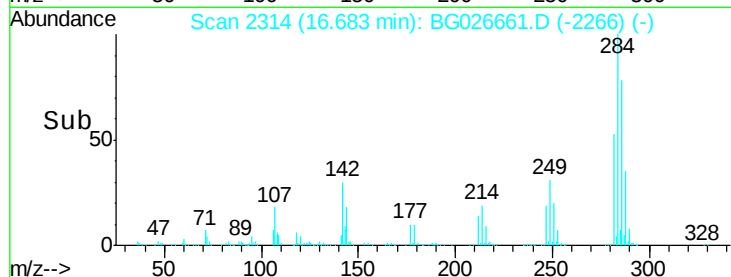
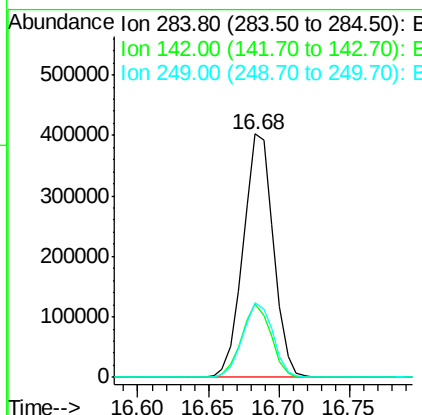
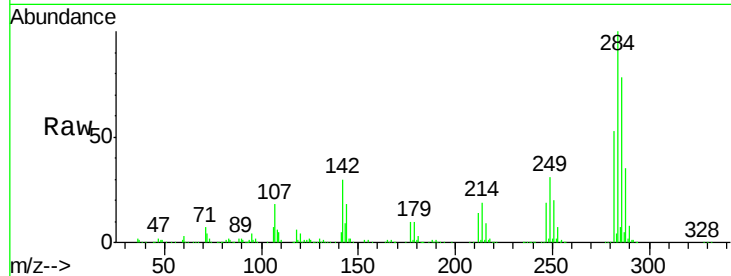
#67
Hexachlorobenzene
Concen: 43.63 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	601846		
142	30.2		29.9	44.9
249	30.8		29.2	43.8

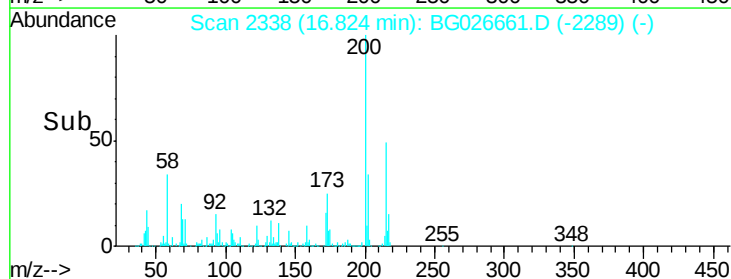
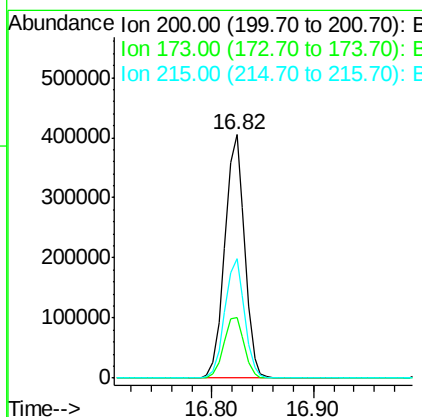
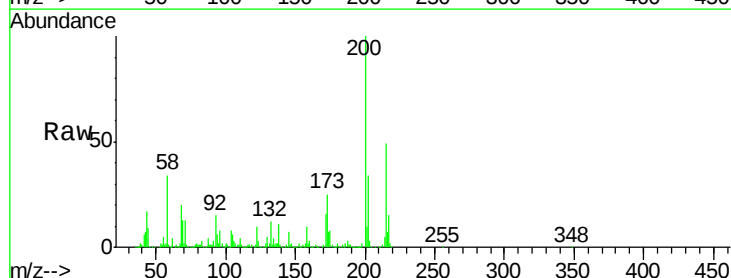
Manual Integrations
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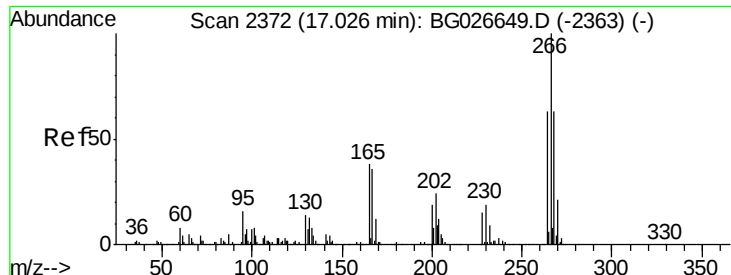
mohammad
4/20/2017 2:00:44 PM



#68
Atrazine
Concen: 42.31 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	548139		
173	25.0		3.0	43.0
215	49.3		28.4	68.4





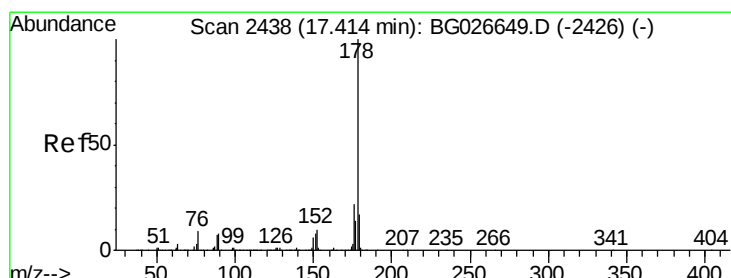
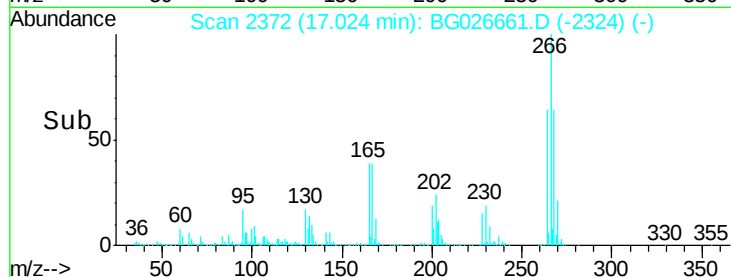
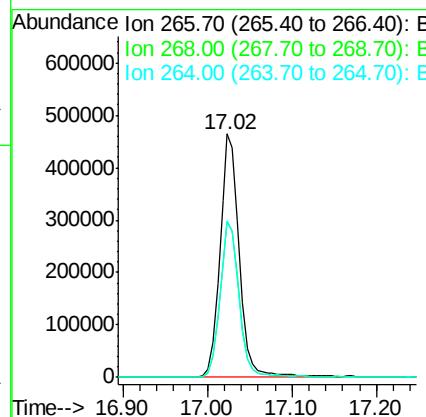
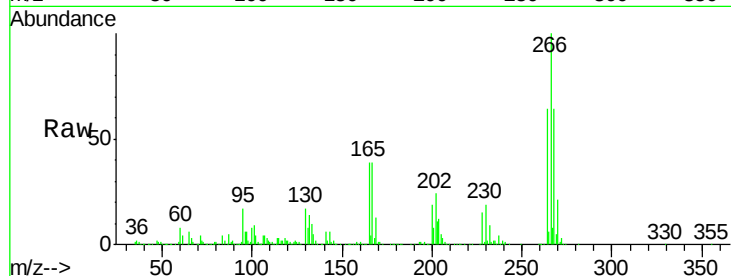
#69
 Pentachlorophenol
 Concen: 89.53 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	48.6	72.8
264	64.1	50.1	75.1

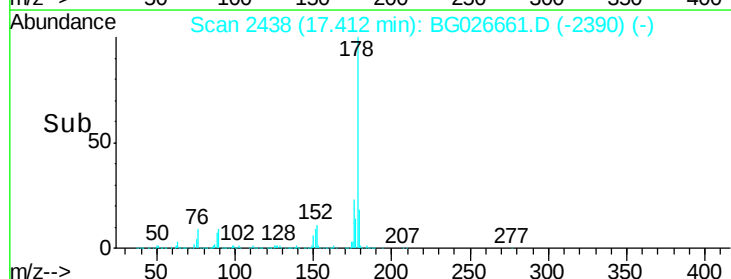
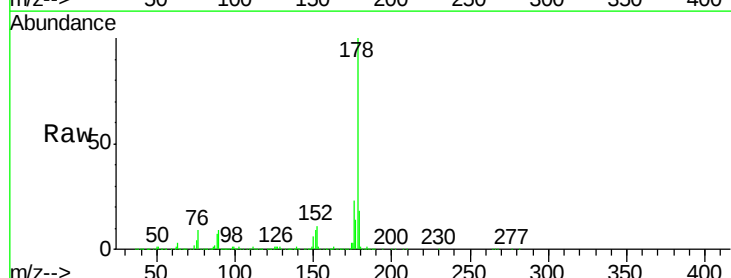
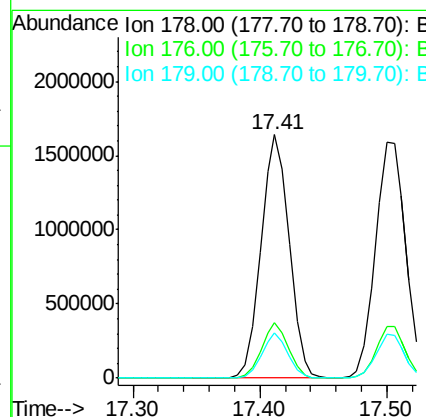
Manual Integrations
 APPROVED

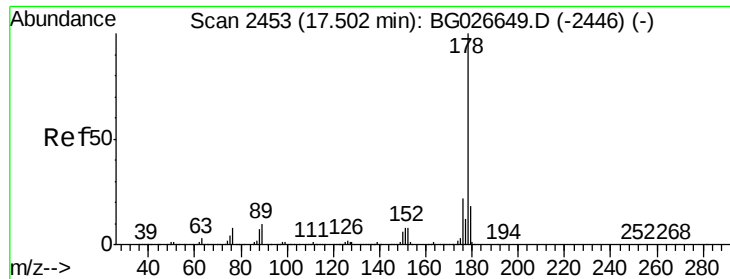
mohammad
 4/20/2017 2:00:44 PM



#70
 Phenanthrene
 Concen: 42.99 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	17.7	26.5
179	18.4	15.0	22.6





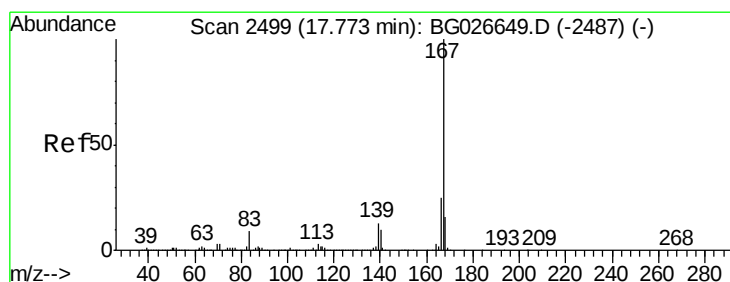
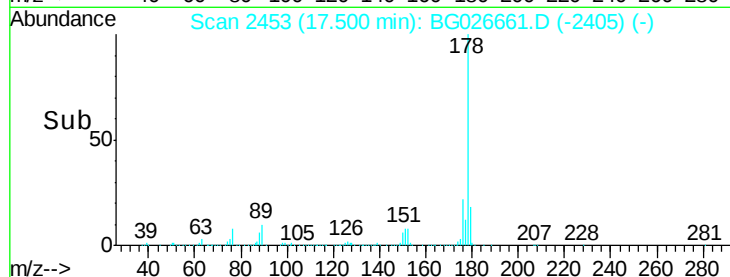
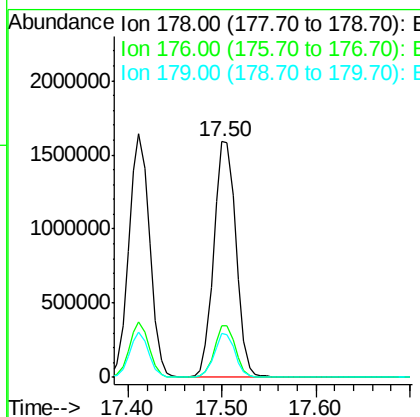
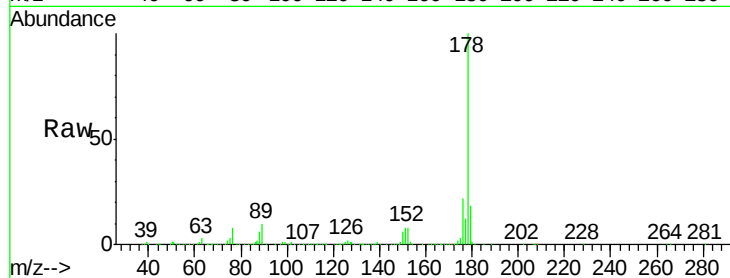
#71
 Anthracene
 Concen: 43.22 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion:178 Resp: 2641127
 Ion Ratio Lower Upper
 178 100
 176 22.1 16.4 24.6
 179 18.5 13.8 20.8

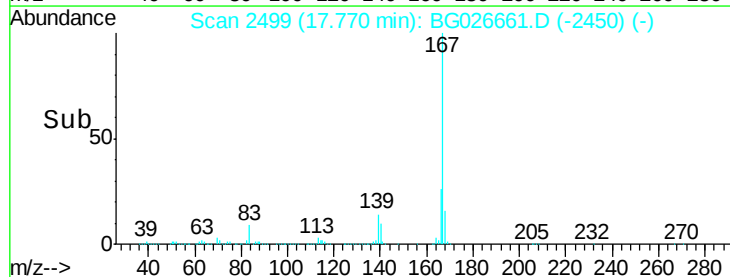
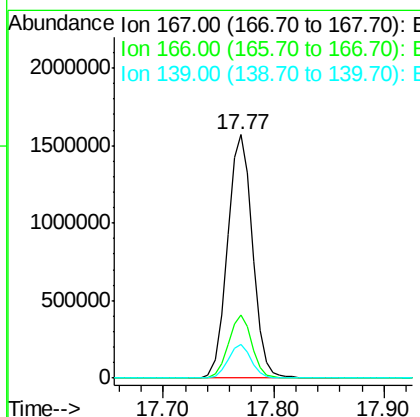
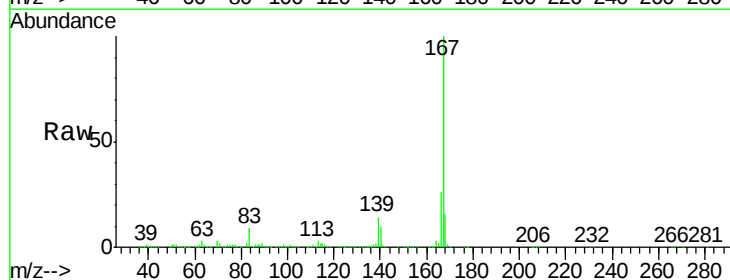
Manual Integrations
 APPROVED

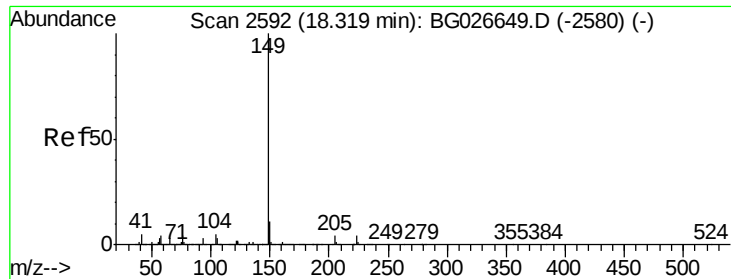
mohammad
 4/20/2017 2:00:44 PM



#72
 Carbazole
 Concen: 42.52 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion:167 Resp: 2487729
 Ion Ratio Lower Upper
 167 100
 166 25.7 20.2 30.2
 139 13.8 12.8 19.2





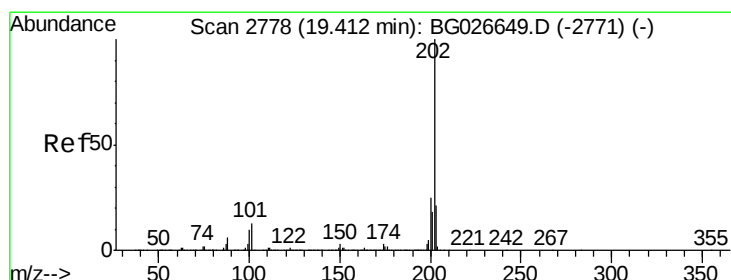
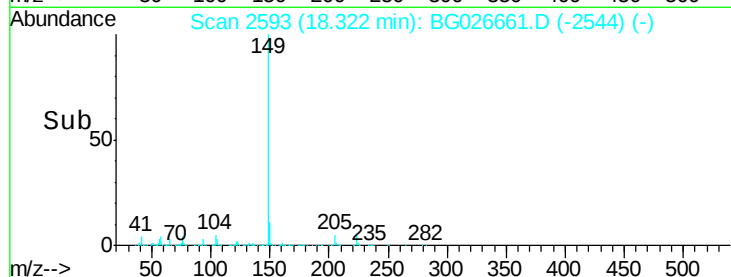
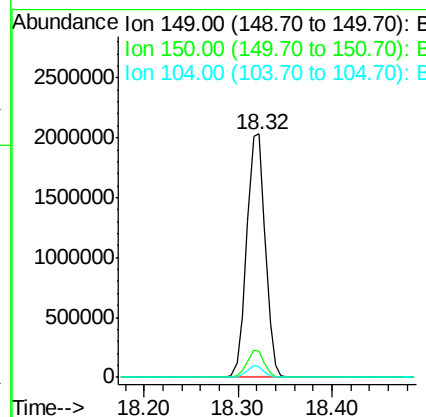
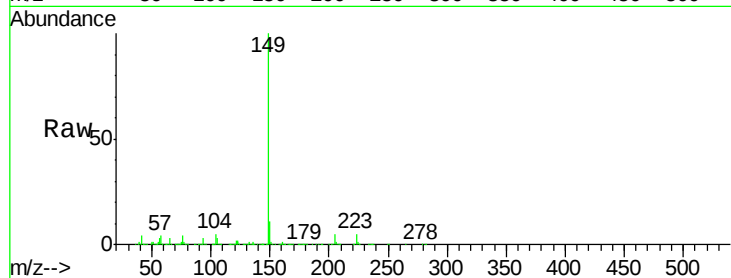
#73
Di-n-butylphthalate
Concen: 42.17 ng
RT: 18.32 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampled :
PB98331BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.1	13.7
104	4.6	6.7	10.1

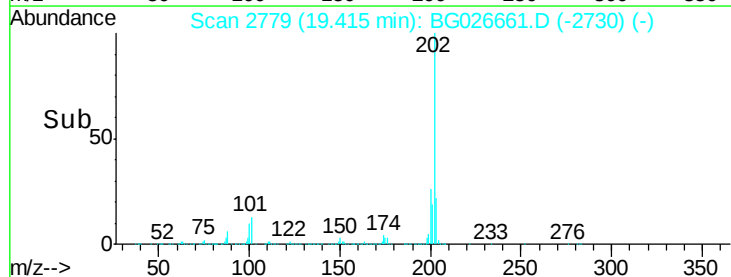
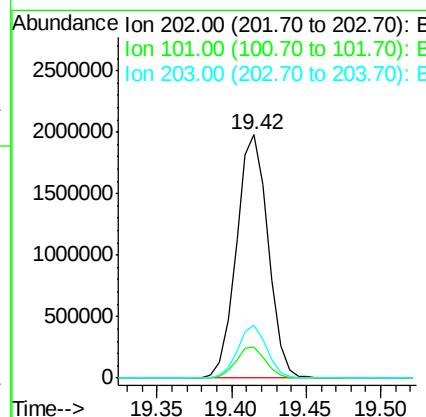
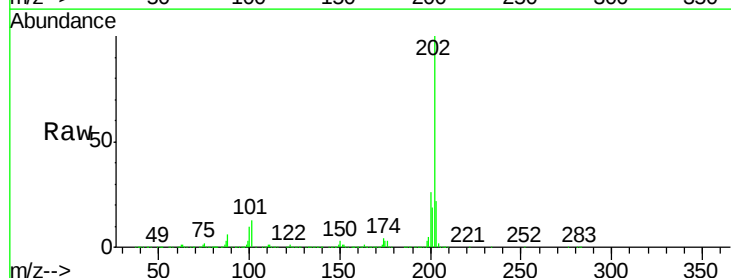
Manual Integrations
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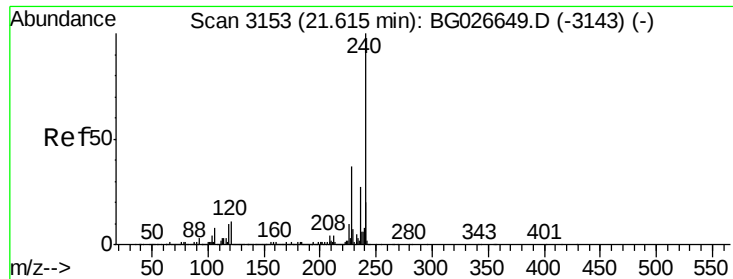
mohammad
4/20/2017 2:00:44 PM



#74
Fluoranthene
Concen: 42.58 ng
RT: 19.42 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.1
203	21.6	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampled :

PB98331BS

Tot Ion:240 Resp: 1232994

Ion Ratio Lower Upper

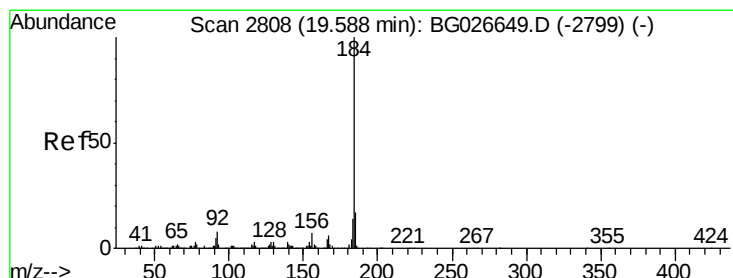
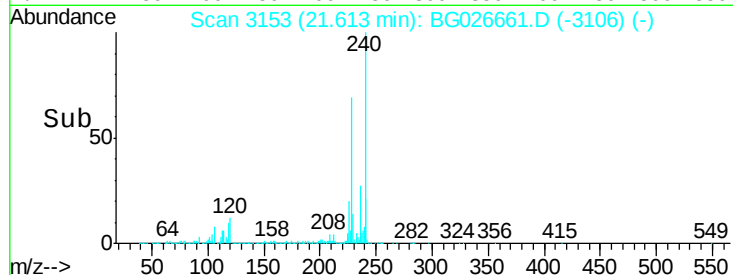
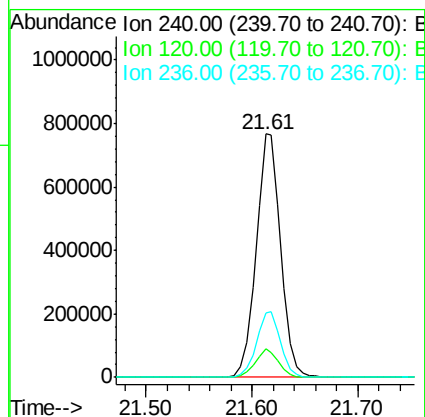
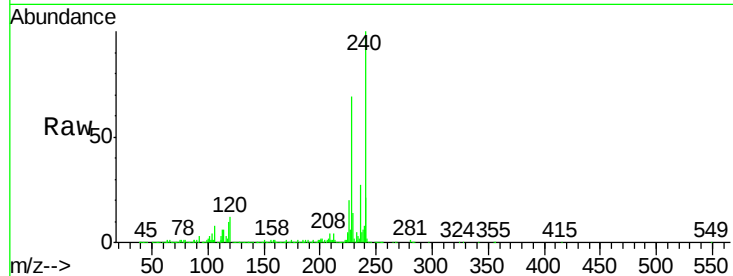
240 100

120 11.9 5.7 8.5#

236 26.7 22.2 33.4

Manual Integrations
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4/20/2017 2:00:44 PM



#76

Benzidine

Concen: 33.76 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

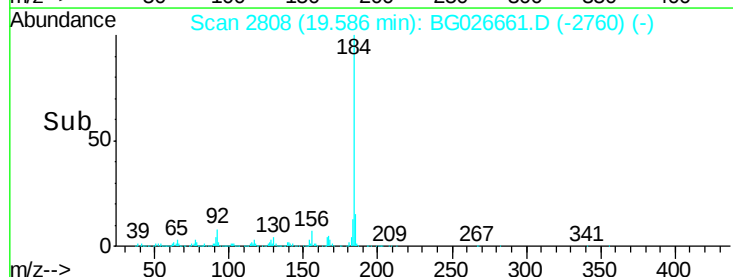
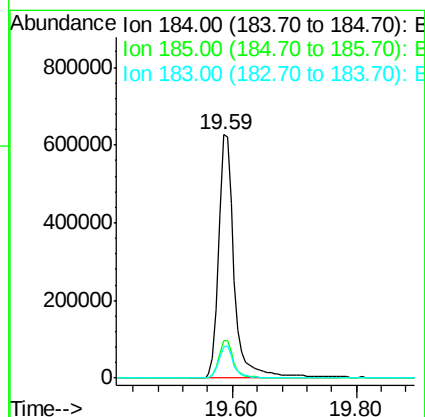
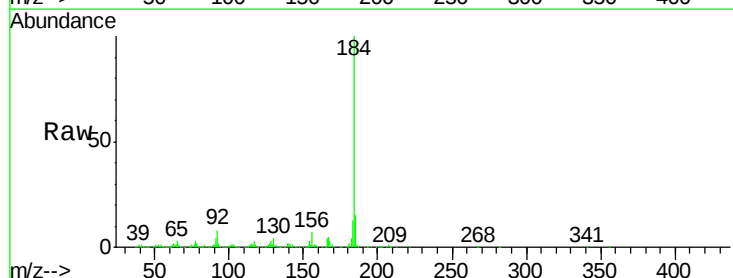
Tgt Ion:184 Resp: 1088696

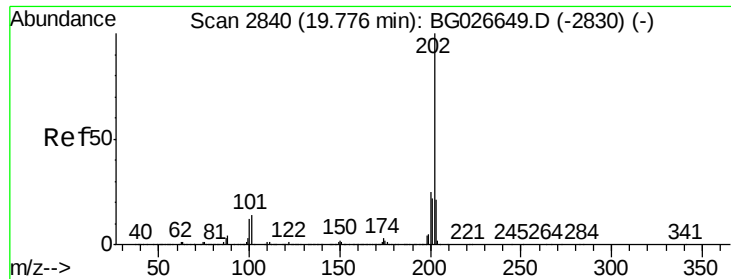
Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

183 13.0 11.0 16.6





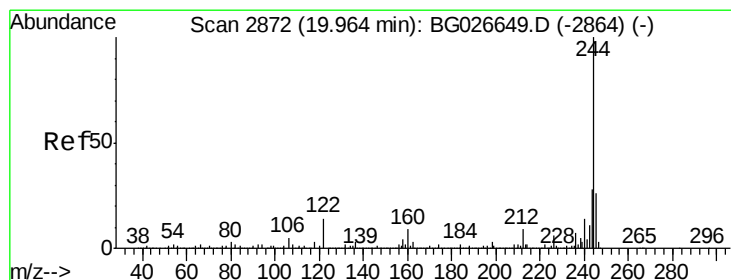
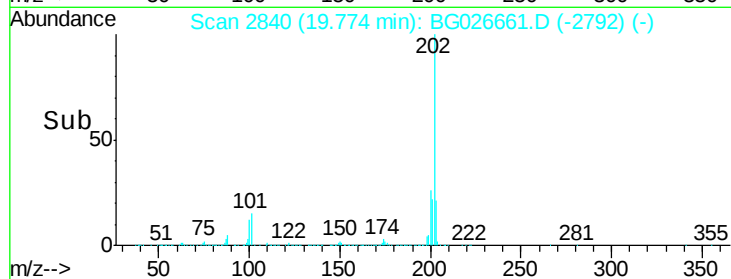
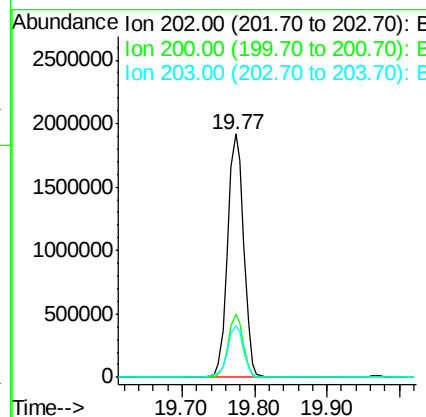
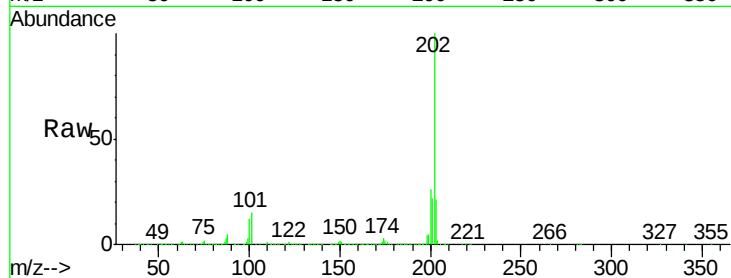
#77
Pvrene
Concen: 44.51 ng
RT: 19.77 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	26.0	19.6	29.4
203	21.4	15.8	23.8

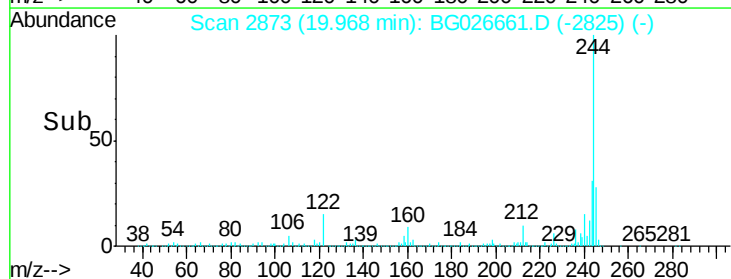
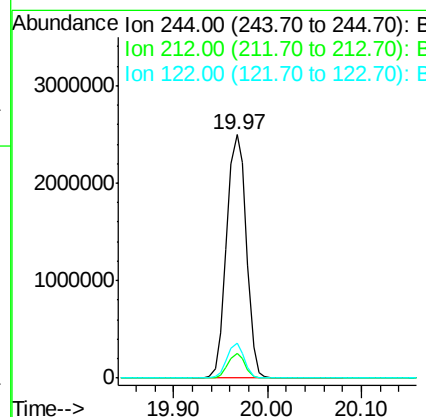
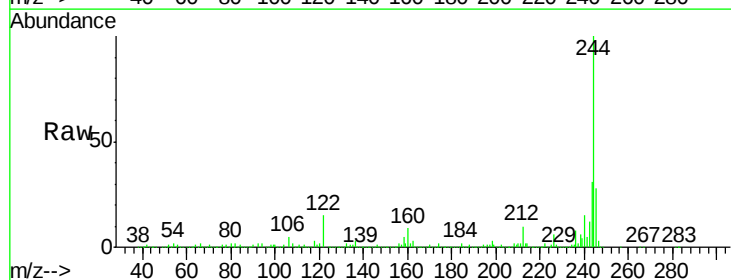
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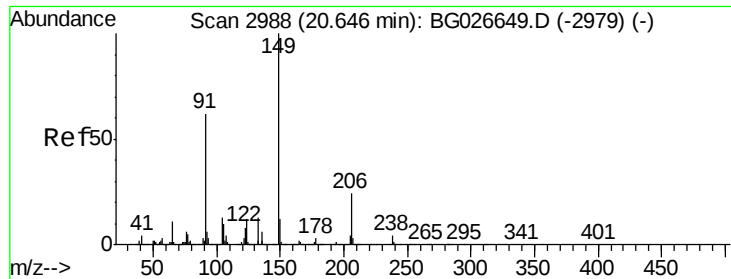
mohammad
4/20/2017 2:00:44 PM



#78
Terphenyl-d14
Concen: 87.78 ng
RT: 19.97 min Scan# 2873
Delta R.T. -0.02 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0
122	14.5	8.6	12.8





#79

Butylbenzylphthalate

Concen: 44.47 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB98331BS

Tot Ion:149 Resp: 1270016

Ion Ratio Lower Upper

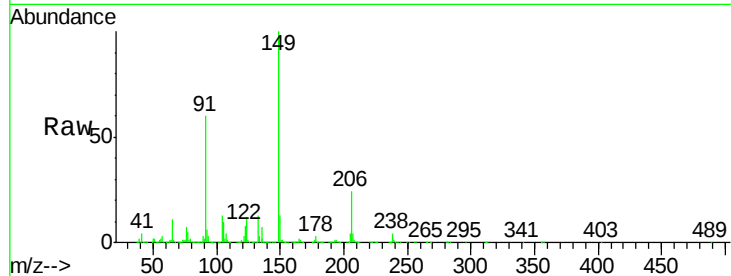
149 100

91 60.1 63.5 95.3#

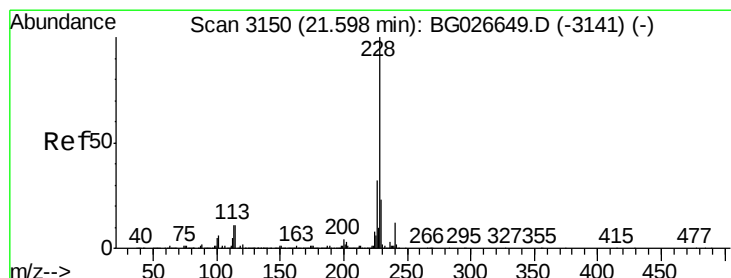
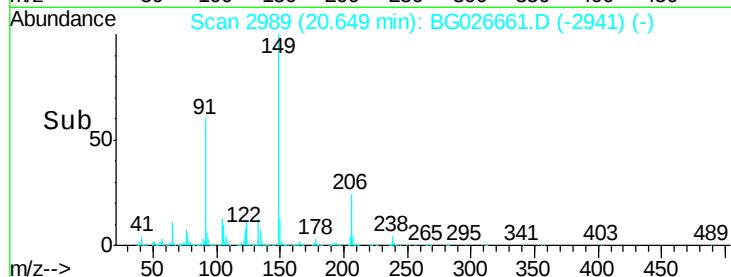
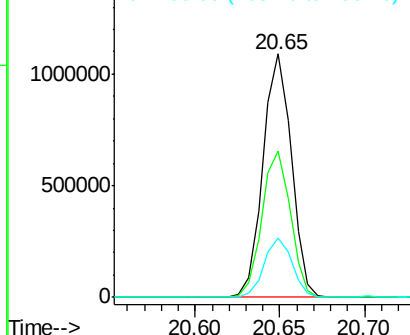
206 24.4 21.0 31.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.71 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.02 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tgt Ion:228 Resp: 2911159

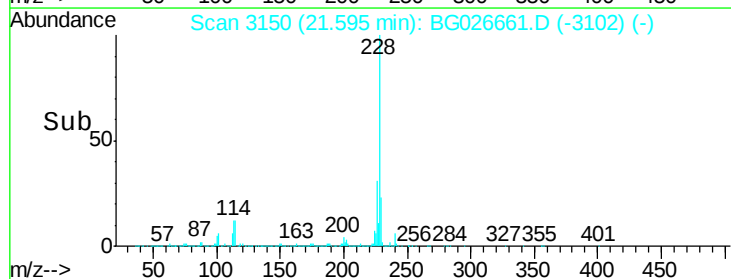
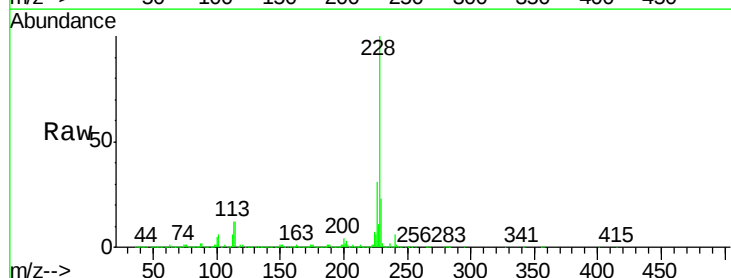
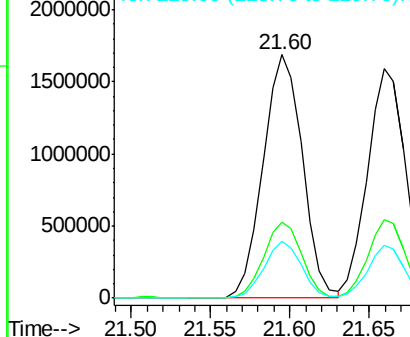
Ion Ratio Lower Upper

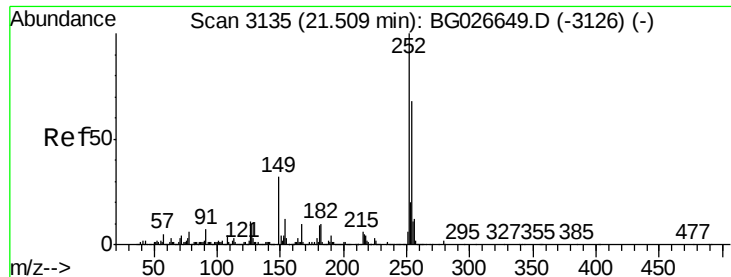
228 100

226 31.3 24.9 37.3

229 23.4 18.2 27.2

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





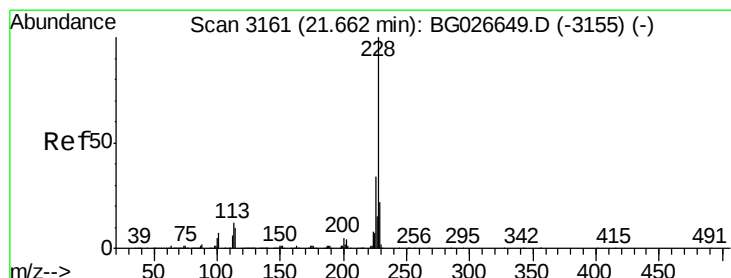
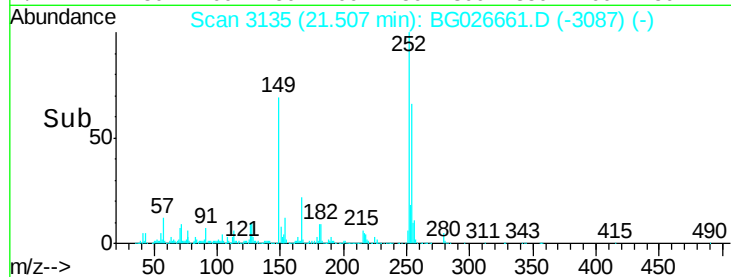
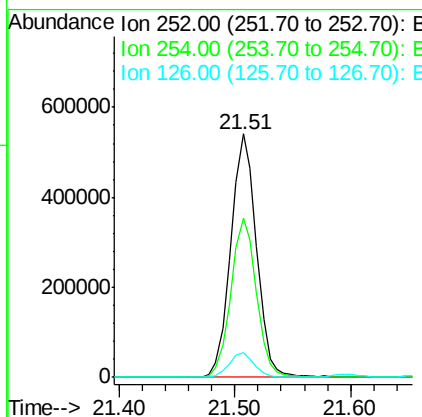
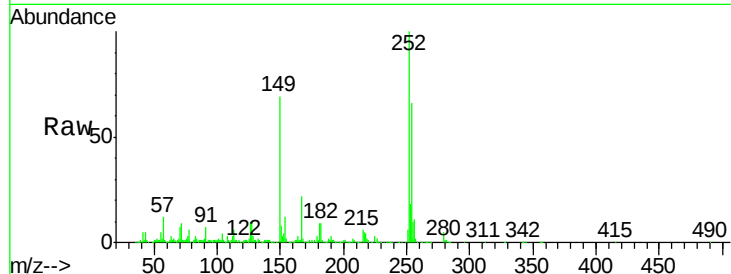
#81
 3,3'-Dichlorobenzidine
 Concen: 30.09 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	53.1	79.7
126	10.3	7.0	10.4

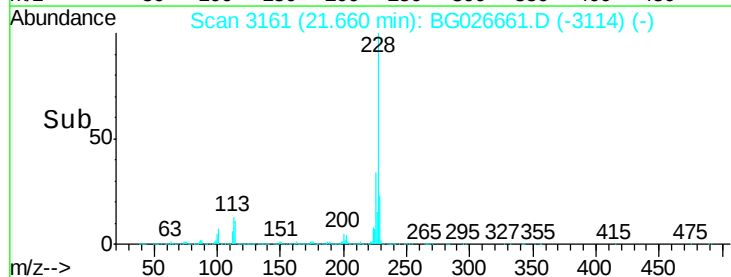
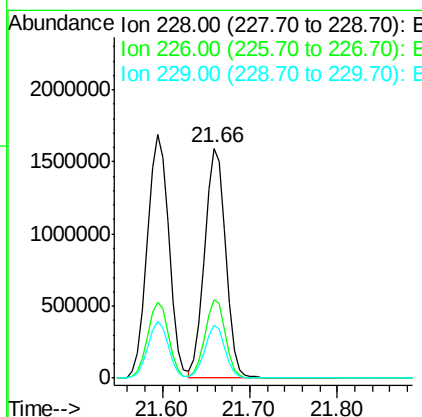
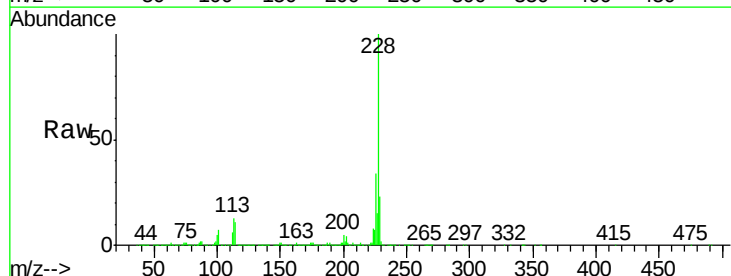
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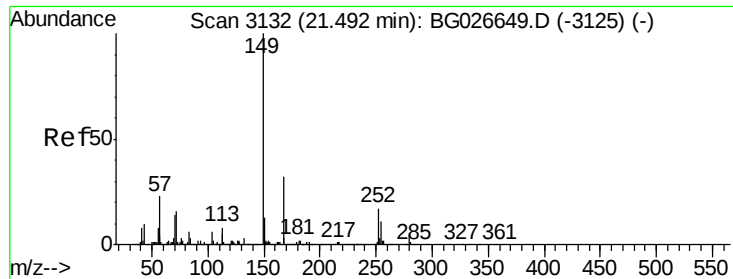
mohammad
 4/20/2017 2:00:44 PM



#82
 Chrysene
 Concen: 43.58 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	27.0	40.4
229	23.1	17.8	26.6





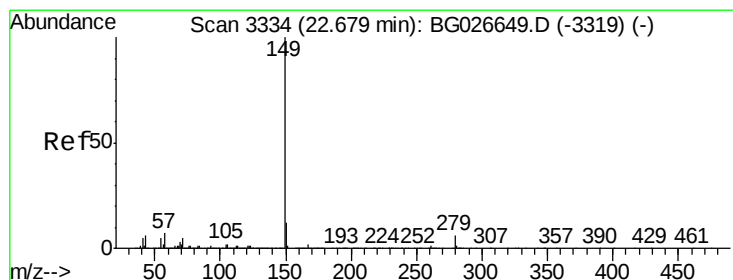
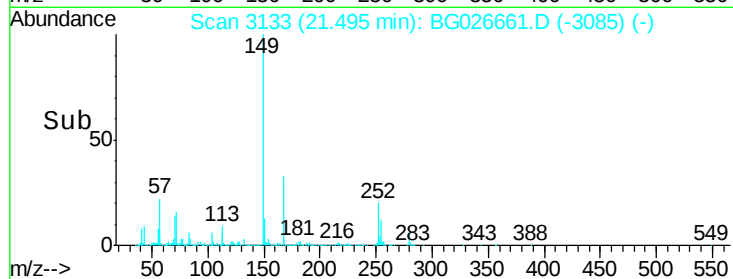
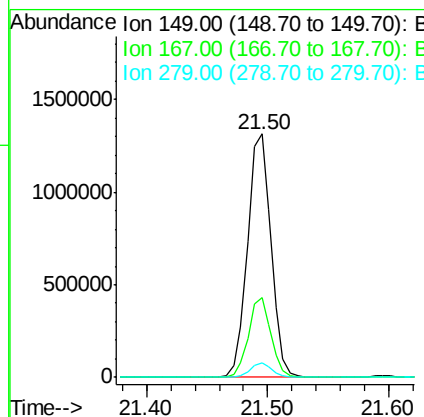
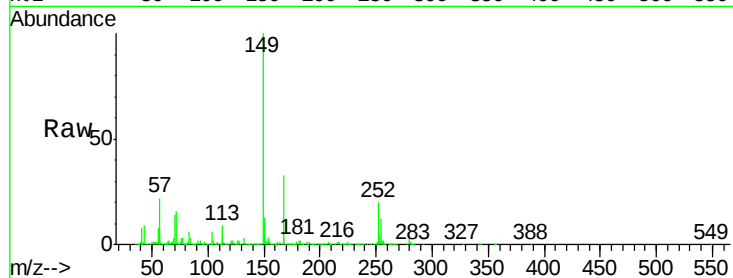
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.46 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.9	23.7	35.5
279	5.9	4.6	6.8

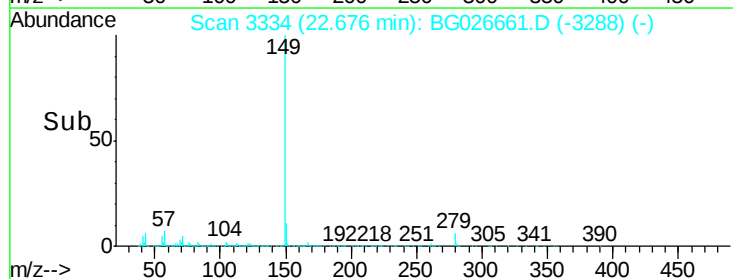
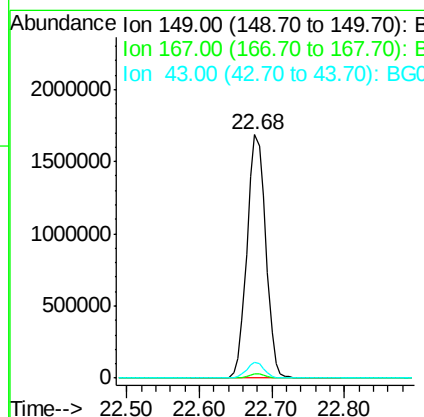
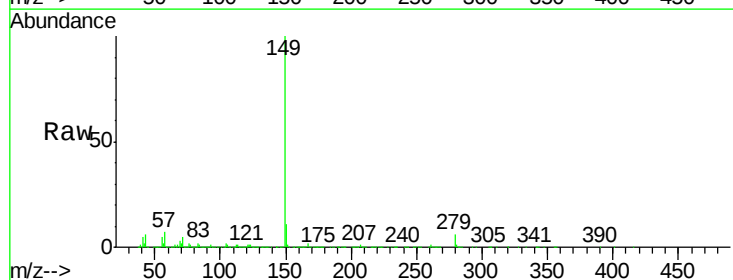
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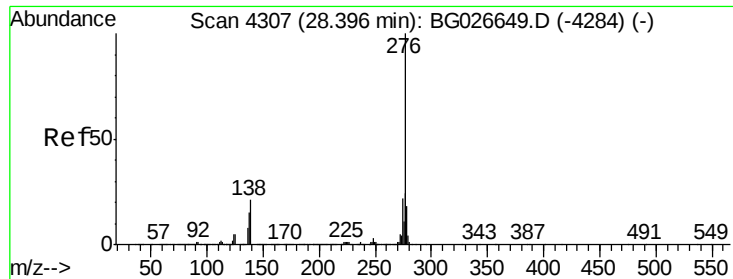
mohammad
 4/20/2017 2:00:44 PM



#84
 Di-n-octyl phthalate
 Concen: 44.30 ng
 RT: 22.68 min Scan# 3334
 Delta R.T. -0.03 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.9	11.8	17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.78 ng

RT: 28.40 min Scan# 4309

Delta R.T. -0.05 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB98331BS

Tot Ion:276 Resp: 3762430

Ion Ratio Lower Upper

276 100

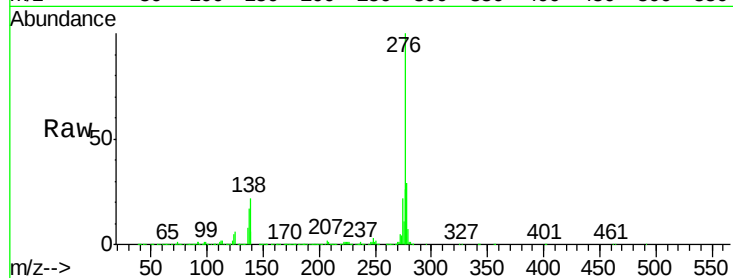
138 25.7 4.7 7.1#

277 26.8 20.6 31.0

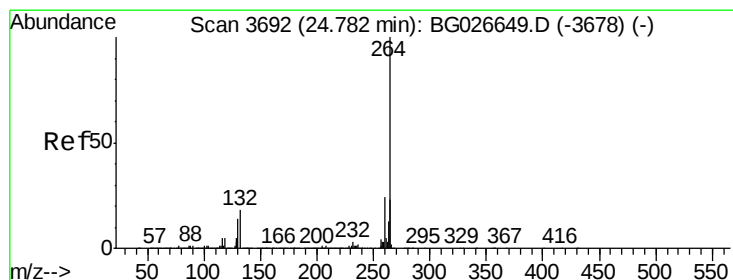
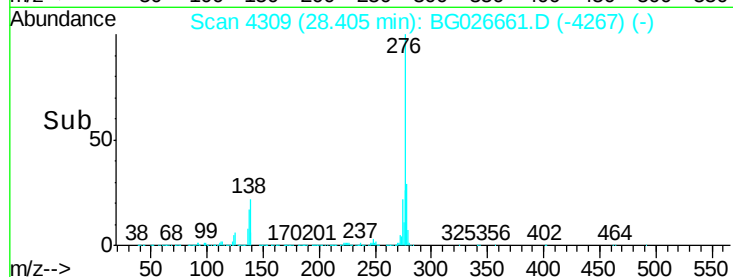
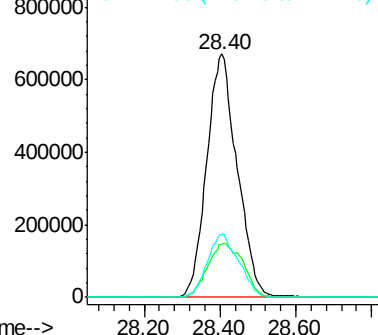
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.04 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

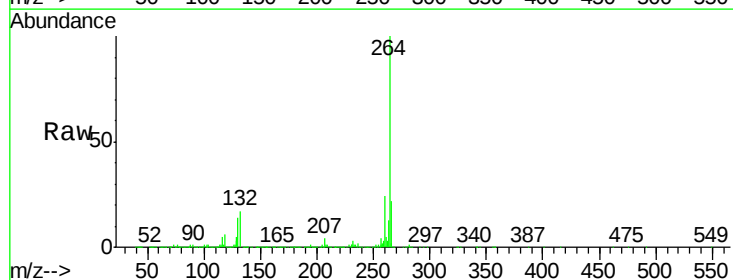
Tgt Ion:264 Resp: 1230116

Ion Ratio Lower Upper

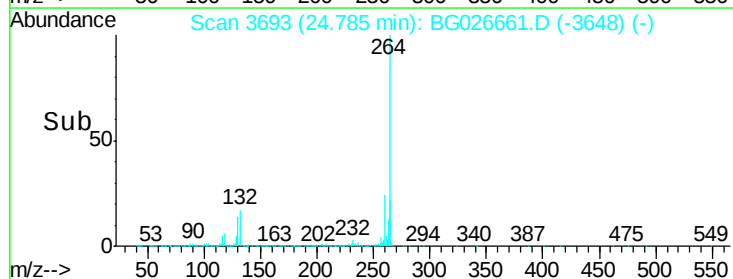
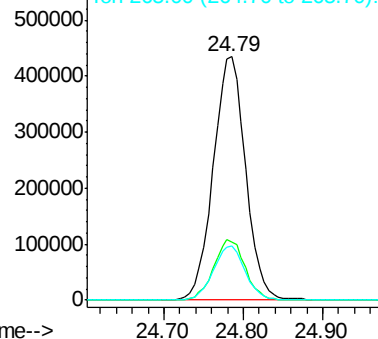
264 100

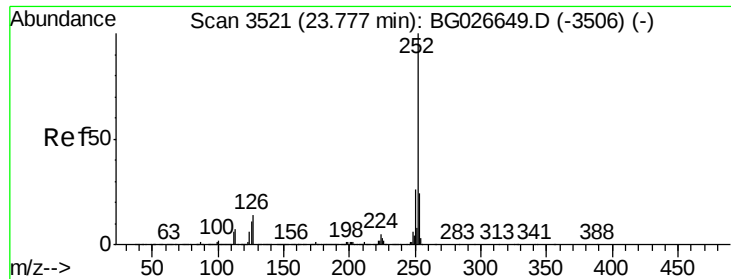
260 24.1 21.8 32.8

265 22.5 18.2 27.4



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





#87

Benzo(b)fluoranthene

Concen: 43.93 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.03 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB98331BS

Tot Ion:252 Resp: 3093737

Ion Ratio Lower Upper

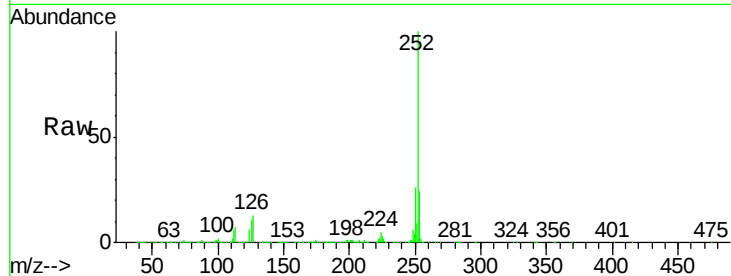
252 100

253 24.4 18.7 28.1

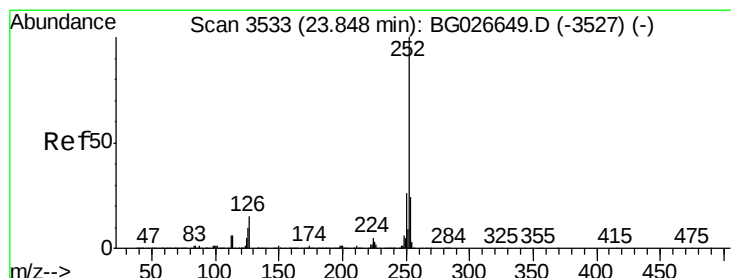
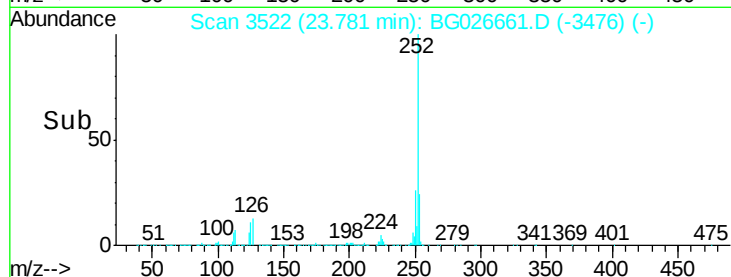
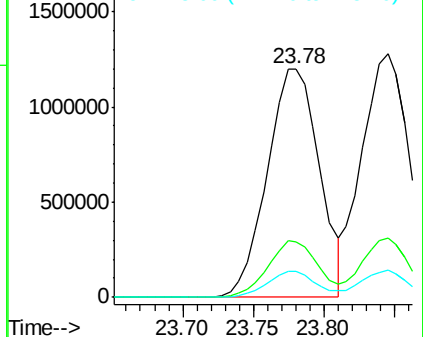
125 11.3 5.3 7.9#

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



#88

Benzo(k)fluoranthene

Concen: 44.89 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.03 min

Lab File: BG026661.D

Acq: 19 Apr 2017 18:12

Tgt Ion:252 Resp: 3047408

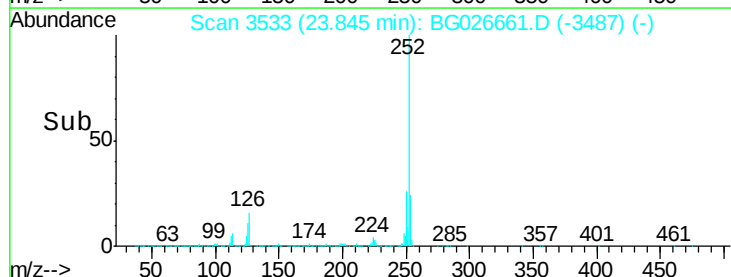
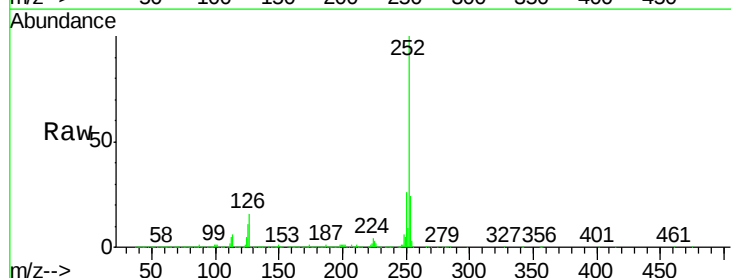
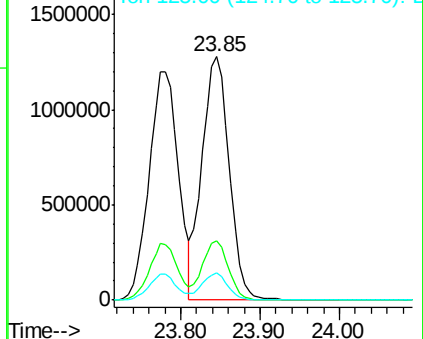
Ion Ratio Lower Upper

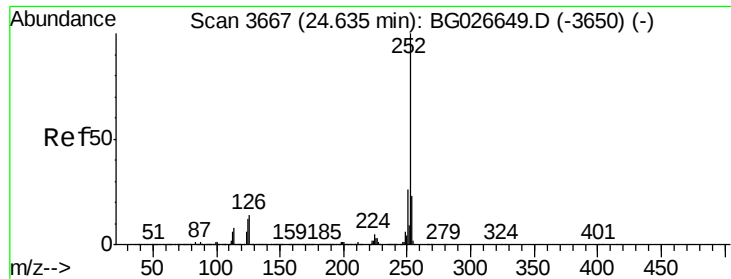
252 100

253 24.1 20.2 30.2

125 11.3 5.1 7.7#

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





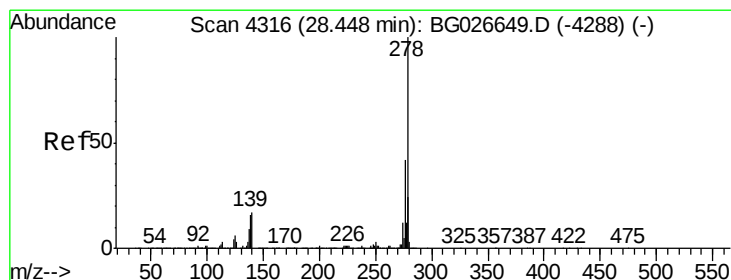
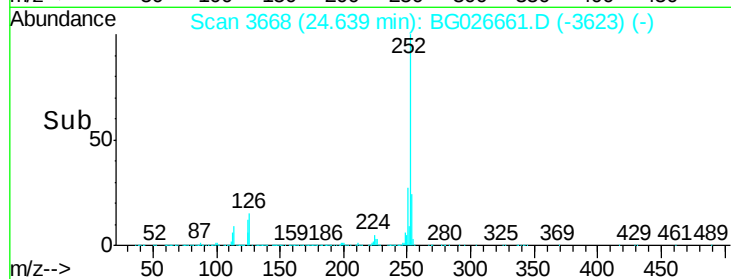
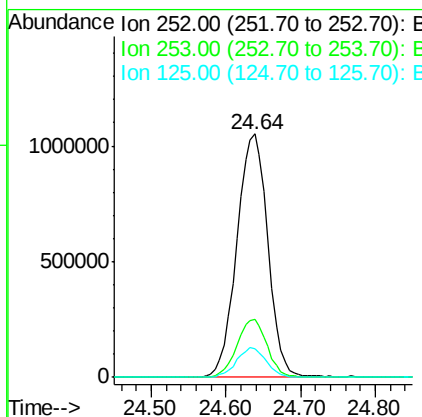
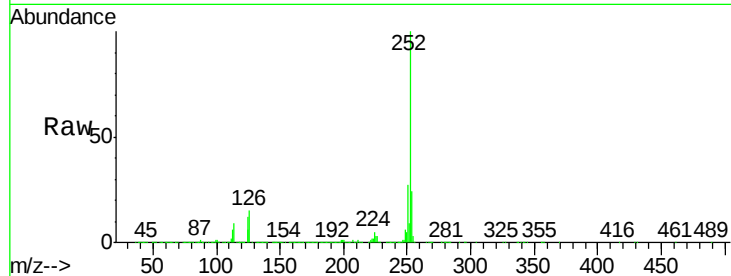
#89
Benzo(a)pyrene
Concen: 44.58 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.04 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Instrument :
BNA_G
ClientSampled :
PB98331BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	11.8	5.4	8.0

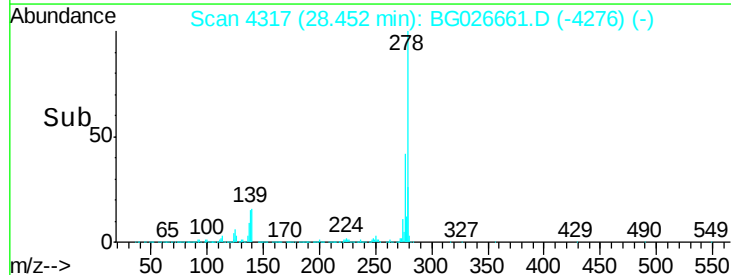
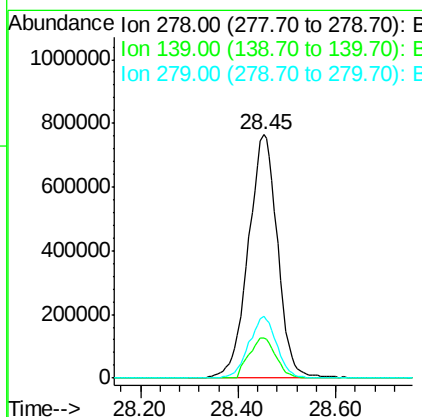
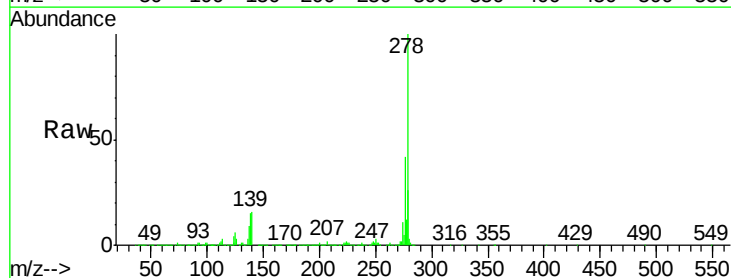
Manual Integrations
APPROVED

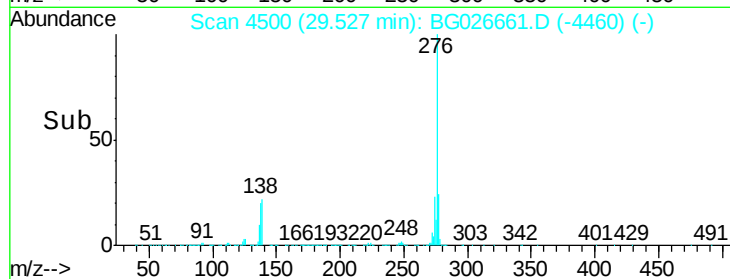
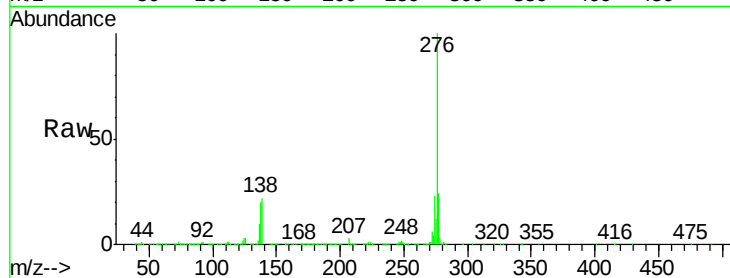
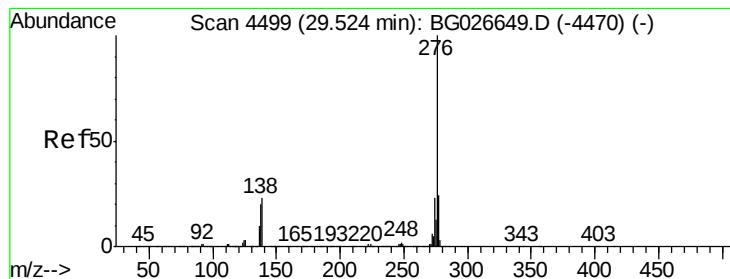
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 45.68 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.06 min
Lab File: BG026661.D
Acq: 19 Apr 2017 18:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	7.7	11.5
279	25.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 44.78 ng
 RT: 29.53 min Scan# 4500
 Delta R.T. -0.07 min
 Lab File: BG026661.D
 Acq: 19 Apr 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	22.0	8.1	12.1

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