

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041322.D
 Acq On : 19 Jun 2019 11:15
 Operator : HP/JU
 Sample : PB120669BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Manual Integrations
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mohammad
 6/21/2019 9:57:25 PM

Quant Time: Jun 19 13:51:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33928	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	136148	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	99068	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	263905	20.00	ng	0.00
76) Chrysene-d12	21.74	240	277389	20.00	ng	0.00
87) Perylene-d12	25.05	264	269069	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	283607	153.59	ng	0.00
7) Phenol-d6	7.23	99	425853	159.11	ng	0.00
23) Nitrobenzene-d5	9.26	82	296399	91.56	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	231931	152.49	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	684923	93.97	ng	0.00
79) Terphenyl-d14	20.06	244	1300890	92.94	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.47	88	30149	32.561	ng	93
3) Pyridine	3.88	79	85817	34.937	ng	96
4) n-Nitrosodimethylamine	3.80	42	55592	42.439	ng	95
6) Aniline	7.40	93	70203	18.870	ng	98
8) 2-Chlorophenol	7.64	128	103809	47.846	ng	99
9) Benzaldehyde	7.22	77	34324	20.050	ng	90
10) Phenol	7.26	94	139274	48.389	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	90126	41.269	ng	97
12) 1,3-Dichlorobenzene	7.96	146	109500	40.307	ng	94
13) 1,4-Dichlorobenzene	8.11	146	112163	40.419	ng	96
14) 1,2-Dichlorobenzene	8.43	146	107606	40.598	ng	94
15) Benzyl Alcohol	8.32	79	111680	43.550	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	142459	39.849	ng	98
17) 2-Methylphenol	8.52	107	96395	46.846	ng	98
18) Hexachloroethane	9.16	117	43855	39.880	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	91036	42.054	ng	99
20) 3+4-Methylphenols	8.85	107	134483	49.094	ng	96
22) Acetophenone	8.91	105	169523	42.788	ng	# 96
24) Nitrobenzene	9.30	77	144292	44.318	ng	99
25) Isophorone	9.82	82	256165	43.131	ng	99
26) 2-Nitrophenol	10.01	139	61333	46.465	ng	96
27) 2,4-Dimethylphenol	10.06	122	104115	52.621	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	130181	42.067	ng	94
29) 2,4-Dichlorophenol	10.55	162	122566	49.960	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	134861	42.922	ng	97
31) Naphthalene	10.95	128	330533	44.670	ng	98
32) Benzoic acid	10.22	122	63777	49.516	ng	93
33) 4-Chloroaniline	11.07	127	52870	16.824	ng	94
34) Hexachlorobutadiene	11.21	225	97962	39.279	ng	97
35) Caprolactam	11.87	113	38638m	45.748	ng	
36) 4-Chloro-3-methylphenol	12.18	107	137724	48.601	ng	98
37) 2-Methylnaphthalene	12.55	142	246100	45.157	ng	97
38) 1-Methylnaphthalene	12.77	142	241577	46.331	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	188801	46.153	ng	99

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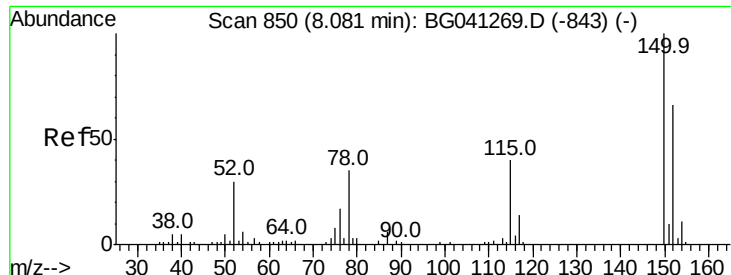
Manual Integrations
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 6/21/2019 9:57:25 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	182145	66.102	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	119927	47.390	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	127700	49.043	ng	98
46) 1,1'-Biphenyl	13.55	154	338226	45.160	ng	97
47) 2-Chloronaphthalene	13.60	162	282935	43.879	ng	98
48) 2-Nitroaniline	13.81	65	101999	43.192	ng	94
49) Acenaphthylene	14.44	152	445048	45.484	ng	100
50) Dimethylphthalate	14.17	163	382821	43.430	ng	99
51) 2,6-Dinitrotoluene	14.30	165	85565	46.037	ng	93
52) Acenaphthene	14.78	154	257420	44.803	ng	97
53) 3-Nitroaniline	14.64	138	51770	28.272	ng	# 95
54) 2,4-Dinitrophenol	14.84	184	97748	73.557	ng	95
55) Dibenzofuran	15.11	168	460435	46.091	ng	99
56) 4-Nitrophenol	14.94	139	128250	91.702	ng	97
57) 2,4-Dinitrotoluene	15.08	165	123315	45.388	ng	96
58) Fluorene	15.76	166	360077	45.821	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	133080	49.423	ng	# 98
60) Diethylphthalate	15.52	149	384726	42.941	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	228310	44.654	ng	97
62) 4-Nitroaniline	15.80	138	81964	41.850	ng	97
63) Azobenzene	16.04	77	363721	45.506	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	71547	41.768	ng	97
66) n-Nitrosodiphenylamine	15.96	169	328892	46.935	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	150516	44.109	ng	96
68) Hexachlorobenzene	16.76	284	158738	43.441	ng	98
70) Pentachlorophenol	17.11	266	182289	97.423	ng	94
71) Phenanthrene	17.51	178	633337	44.997	ng	100
72) Anthracene	17.60	178	649182	46.784	ng	100
73) Carbazole	17.87	167	559138	46.063	ng	99
74) Di-n-butylphthalate	18.40	149	667343	44.061	ng	99
75) Fluoranthene	19.51	202	840802	44.965	ng	98
77) Benzidine	19.69	184	147922	22.047	ng	98
78) Pyrene	19.87	202	840298	44.918	ng	98
80) Butylbenzylphthalate	20.73	149	315949	44.651	ng	96
81) Benzo(a)anthracene	21.72	228	827567	44.062	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	177164	26.871	ng	98
83) Chrysene	21.79	228	804723	44.553	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	433900	44.996	ng	98
85) Di-n-octyl phthalate	22.82	149	748519	45.880	ng	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	947964	44.237	ng	99
88) Benzo(b)fluoranthene	23.99	252	839219	50.327	ng	100
89) Benzo(k)fluoranthene	24.06	252	820173	49.650	ng	100
90) Benzo(a)pyrene	24.90	252	806901	51.237	ng	99
91) Dibenzo(a,h)anthracene	28.92	278	788465	49.731	ng	100
92) Benzo(g,h,i)perylene	30.06	276	745631	47.589	ng	97

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



#1

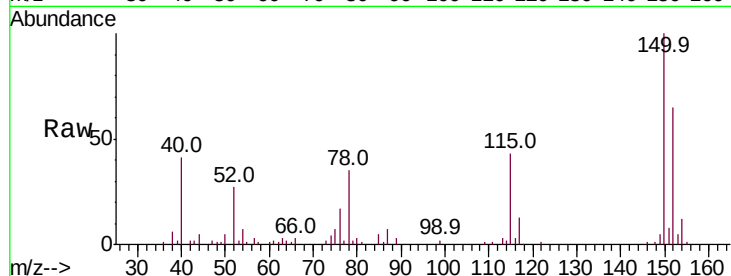
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.6	181.0
115	65.7	47.9	71.9

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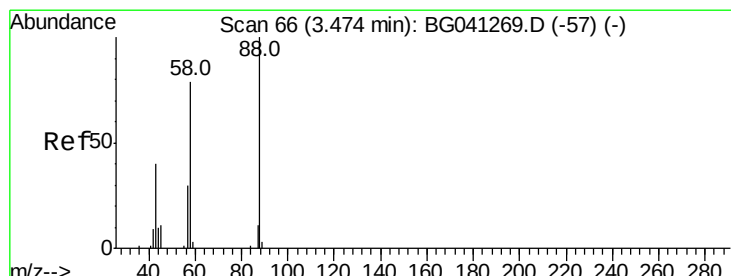
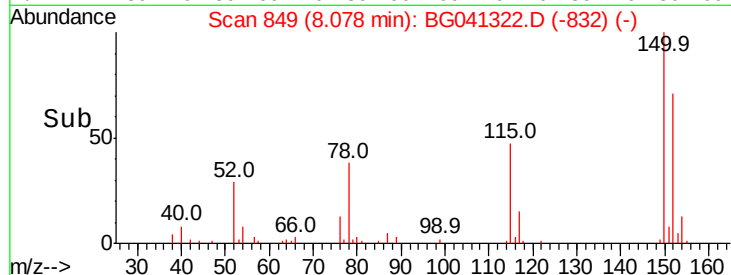
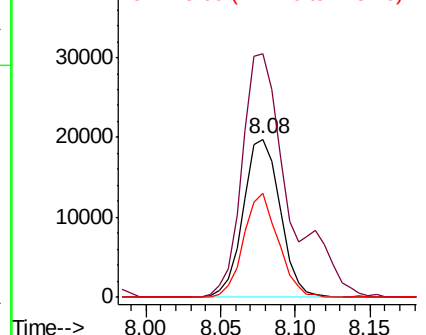


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

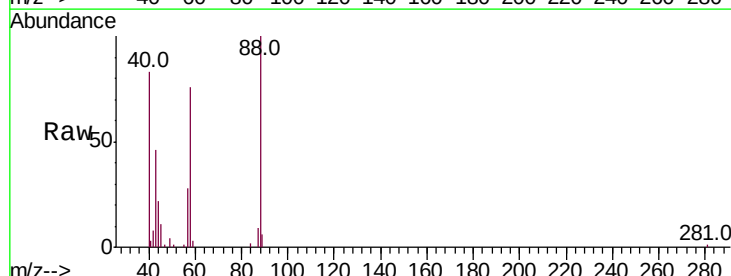
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.561 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	59.7	89.5
43	43.1	31.9	47.9

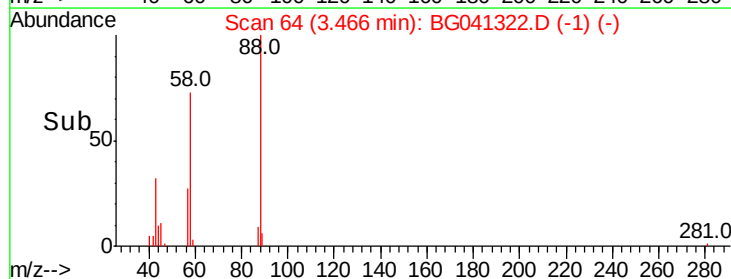
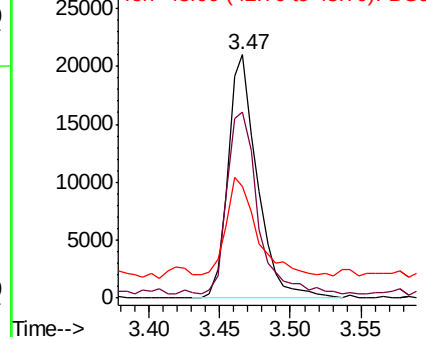


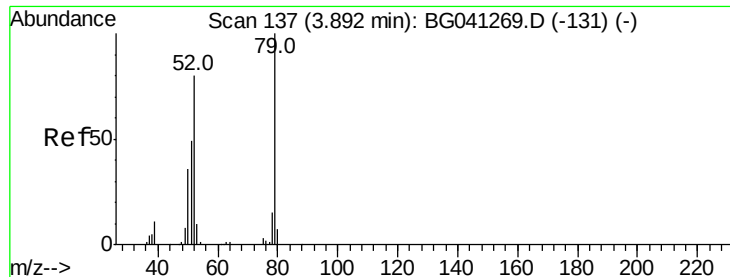
Abundance

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: 34.937 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

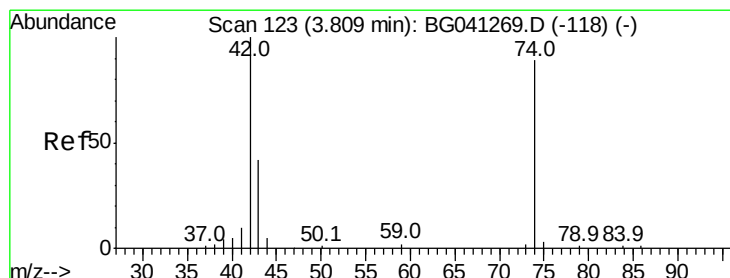
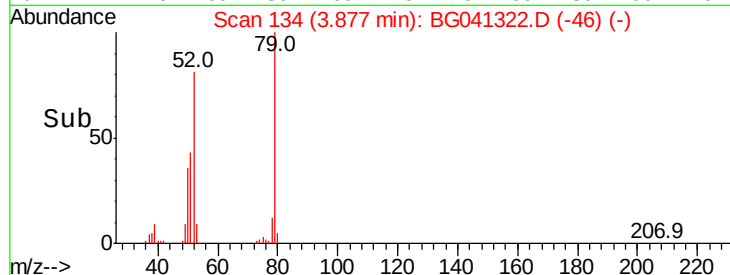
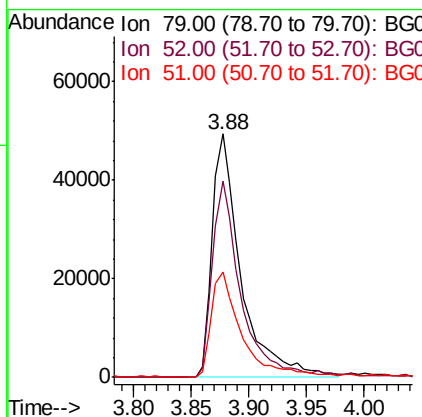
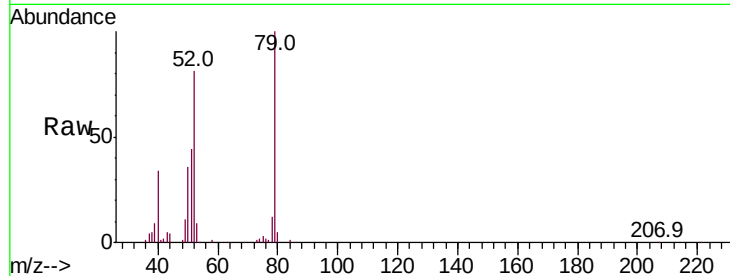
ClientSampleId :

PB120669BS

Tot Ion:	79	Resp:	85817
Ion Ratio	Lower	Upper	
79	100		
52	80.6	63.6	95.4
51	43.5	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 42.439 ng

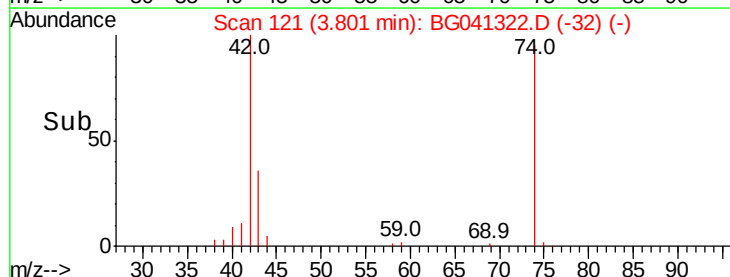
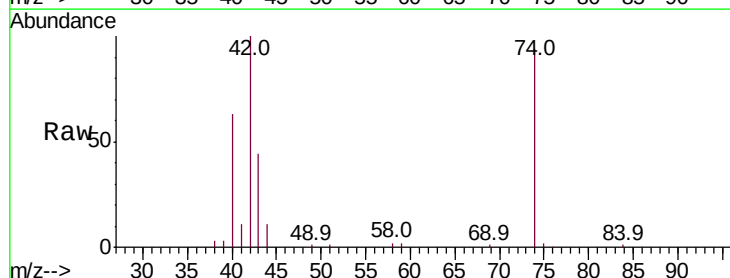
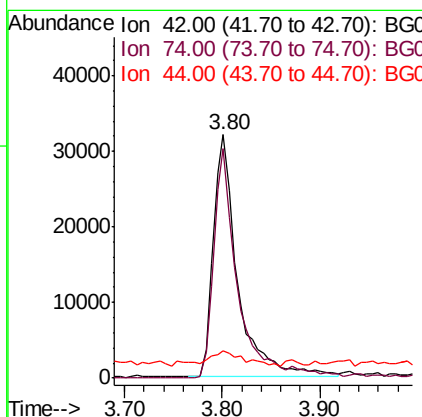
RT: 3.80 min Scan# 121

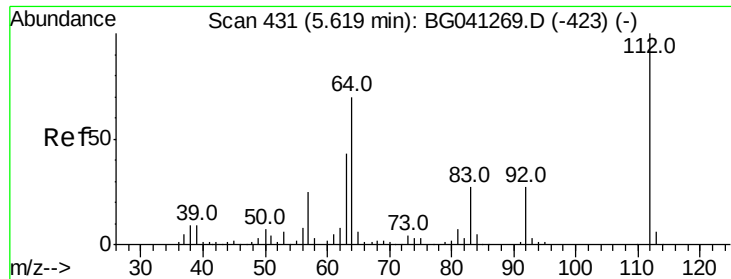
Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	42	Resp:	55592
Ion Ratio	Lower	Upper	
42	100		
74	94.4	71.6	107.4
44	11.4	9.0	13.4





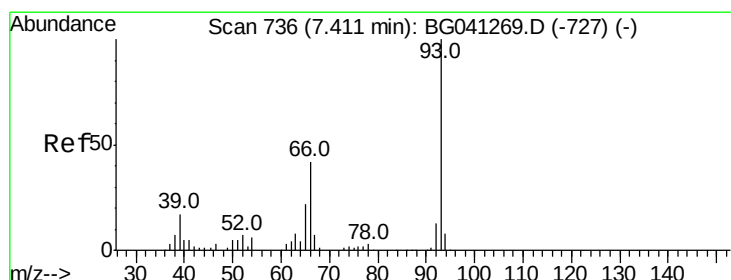
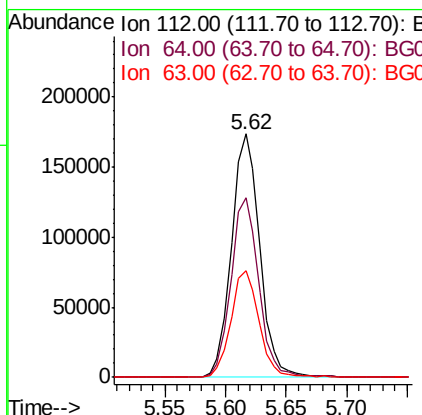
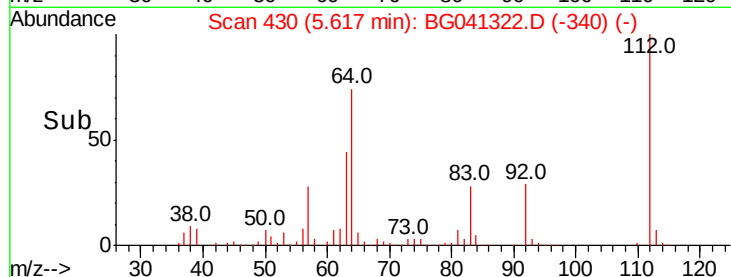
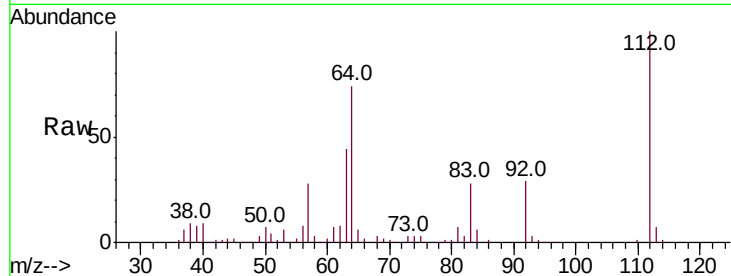
#5
 2-Fluorophenol
 Concen: 153.591 ng
 RT: 5.62 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion:	112	Resp:	283607
Ion Ratio	Lower	Upper	
112	100		
64	73.6	55.9	83.9
63	44.1	34.6	51.8

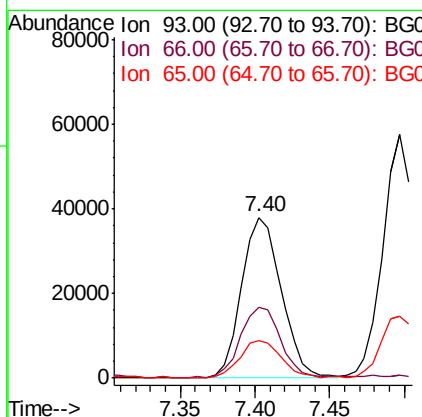
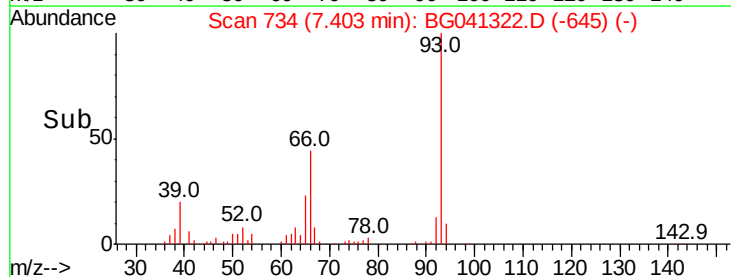
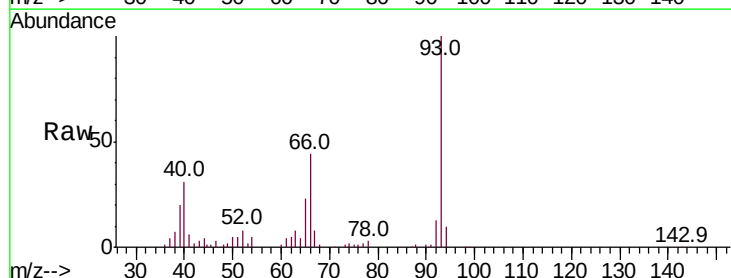
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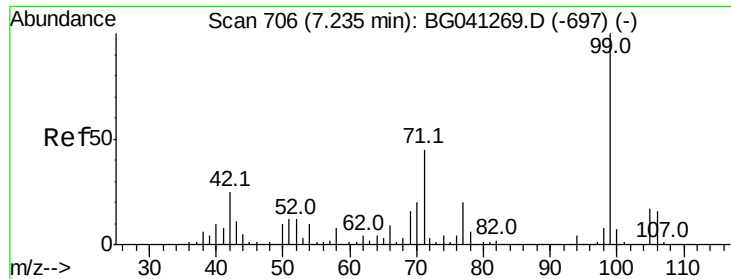
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#6
 Aniline
 Concen: 18.870 ng
 RT: 7.40 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:	93	Resp:	70203
Ion Ratio	Lower	Upper	
93	100		
66	43.8	34.2	51.2
65	23.3	17.7	26.5





#7

Phenol-d6

Concen: 159.106 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

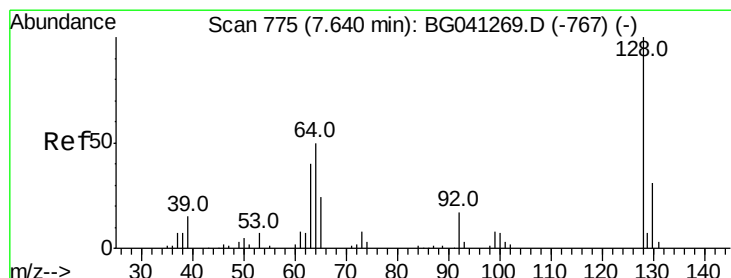
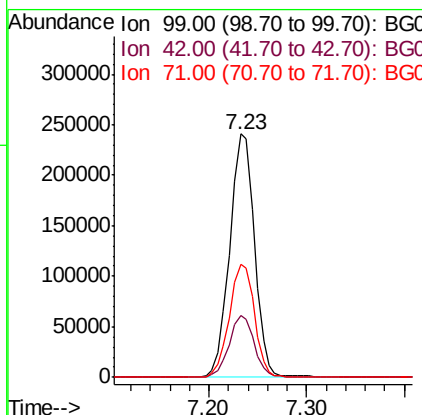
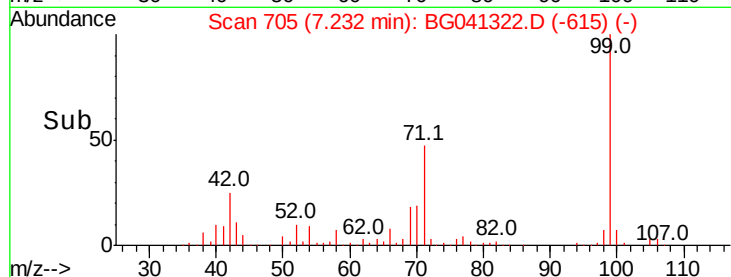
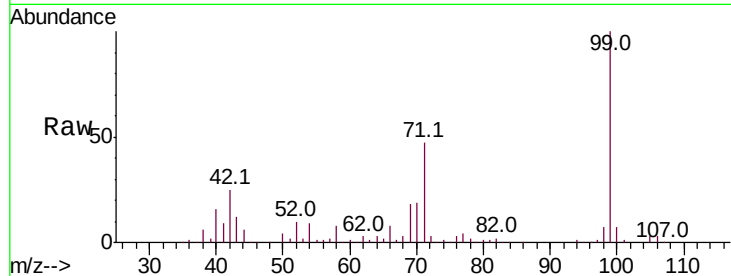
ClientSampleId :

PB120669BS

Tot Ion:	99	Resp:	425853
Ion Ratio	Lower	Upper	
99	100		
42	25.5	19.9	29.9
71	46.6	36.4	54.6

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#8

2-Chlorophenol

Concen: 47.846 ng

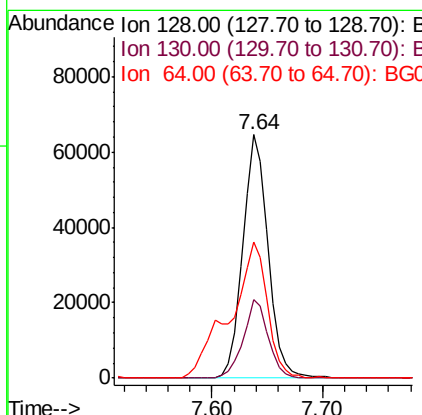
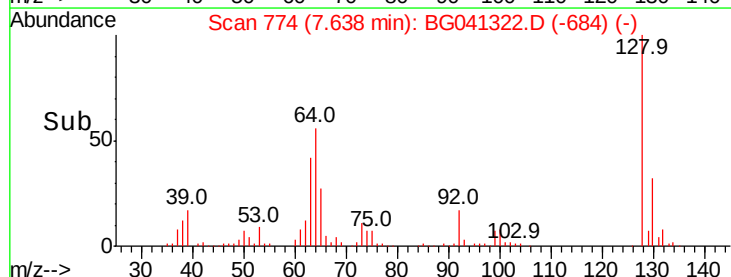
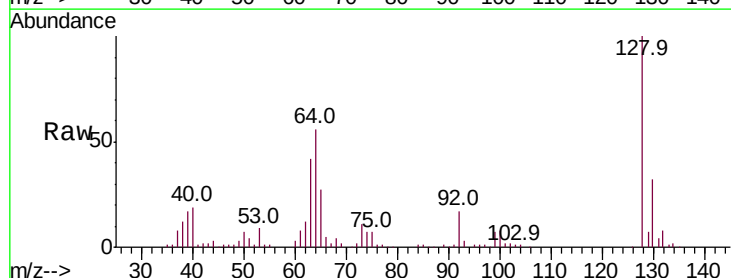
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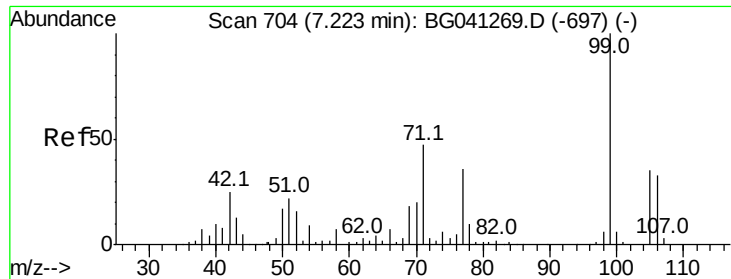
Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	128	Resp:	103809
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.1	51.1
64	55.8	36.6	76.6





#9

Benzaldehyde

Concen: 20.050 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

ClientSampled :

PB120669BS

Tot Ion: 77 Resp: 34324

Ion Ratio Lower Upper

77 100

105 86.3 78.7 118.7

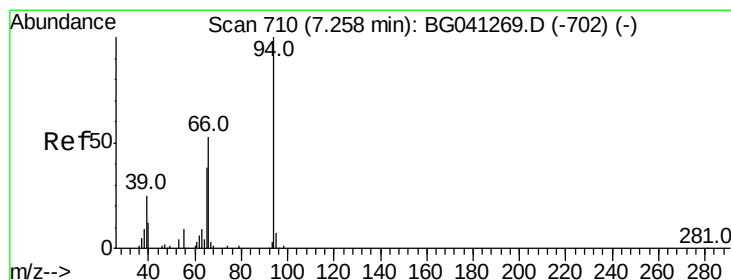
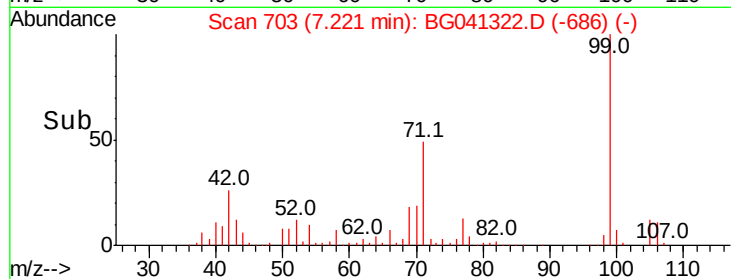
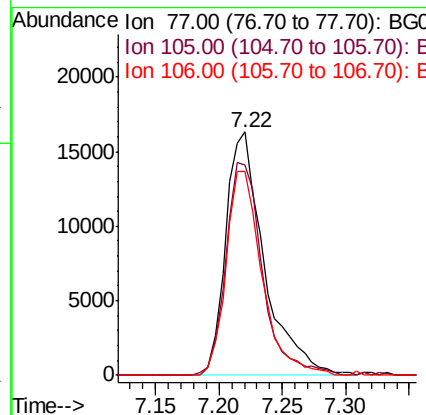
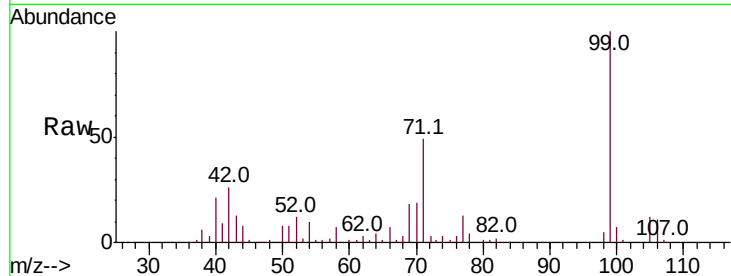
106 83.9 71.1 111.1

Manual Integrations

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#10

Phenol

Concen: 48.389 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

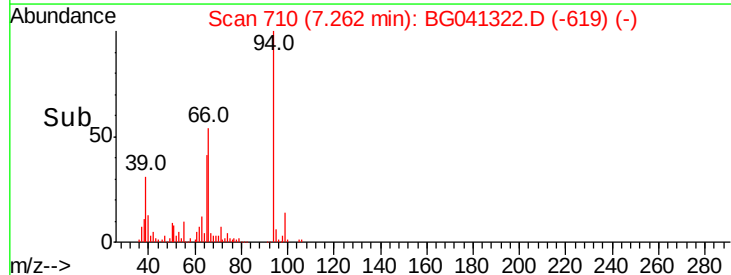
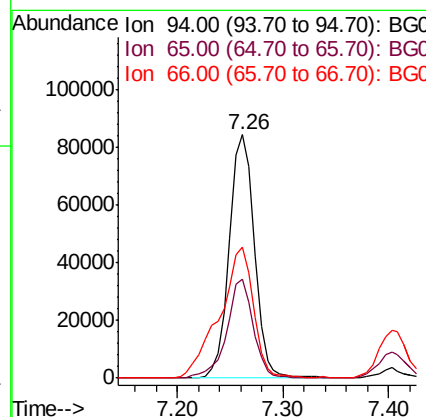
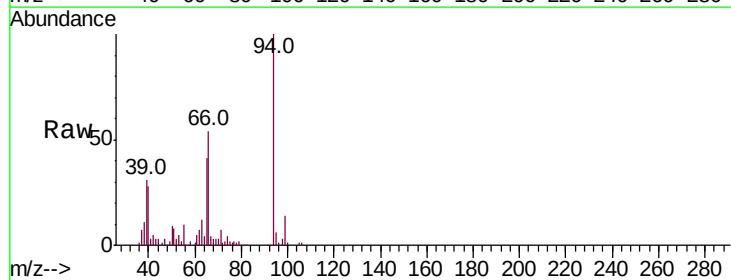
Tgt Ion: 94 Resp: 139274

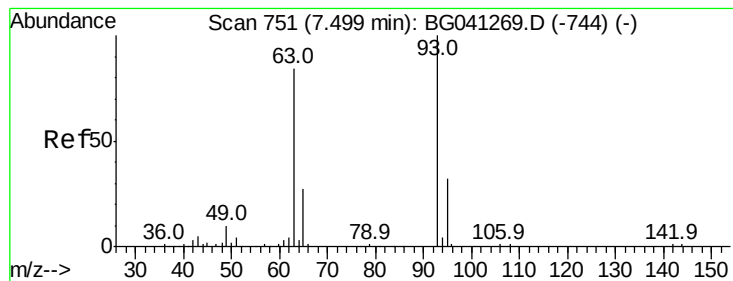
Ion Ratio Lower Upper

94 100

65 40.7 18.7 58.7

66 53.6 35.5 75.5





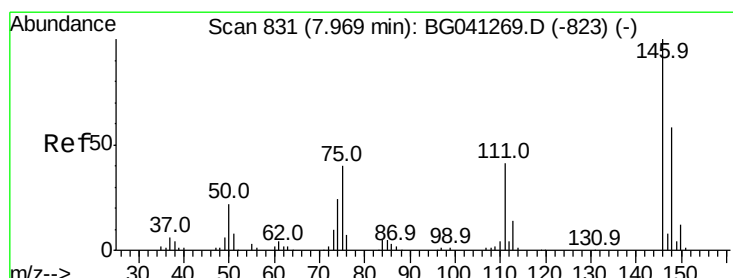
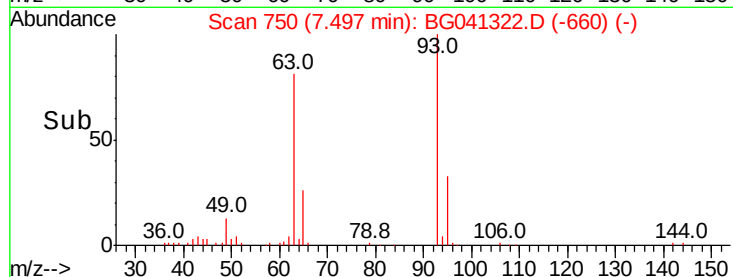
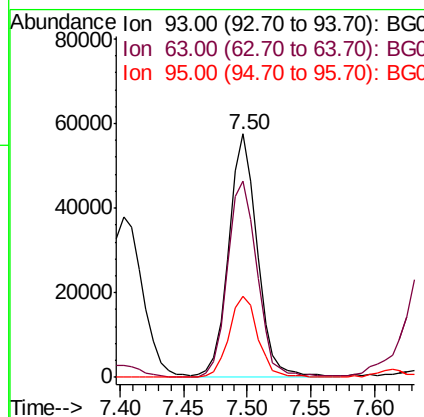
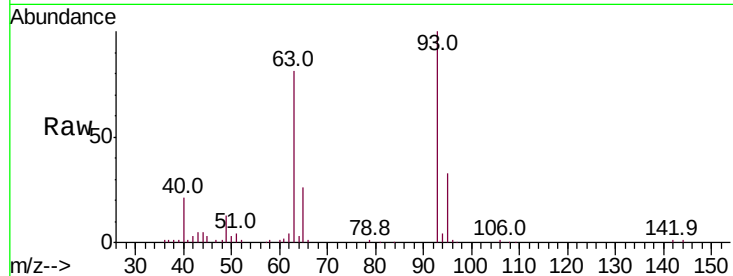
#11
bis(2-Chloroethyl)ether
Concen: 41.269 ng
RT: 7.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.6	103.6
95	33.2	11.2	51.2

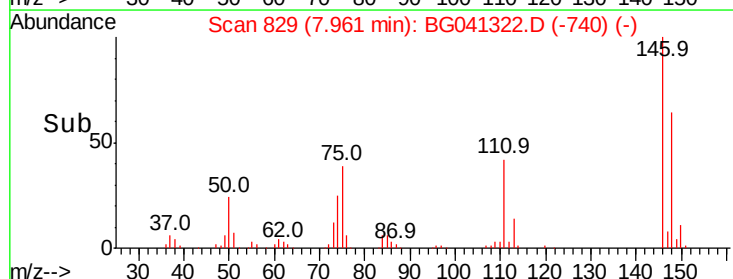
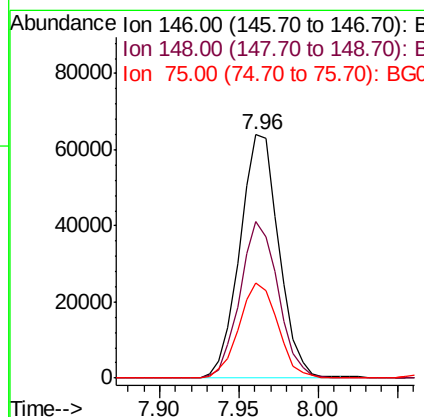
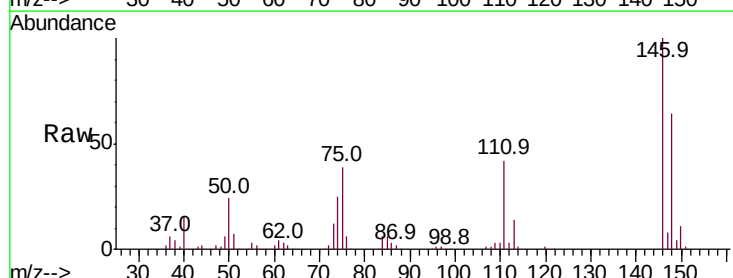
Manual Integrations
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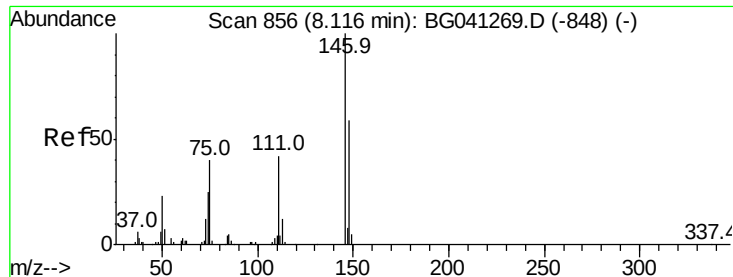
mohammad
6/21/2019 9:57:25 PM



#12
1,3-Dichlorobenzene
Concen: 40.307 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	46.5	69.7
75	39.2	32.2	48.4





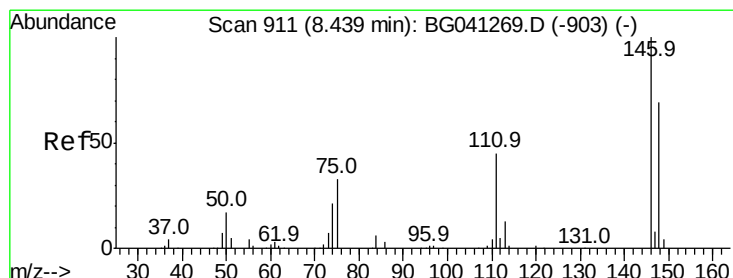
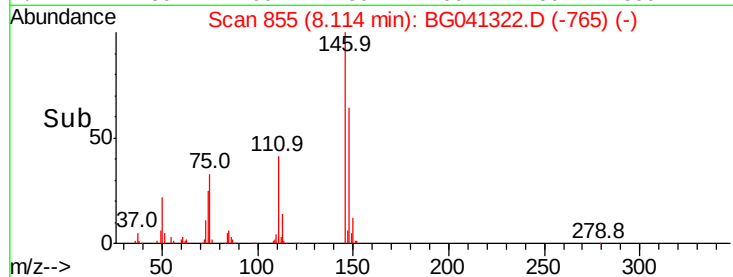
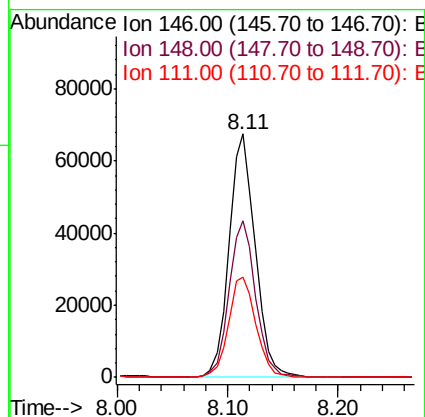
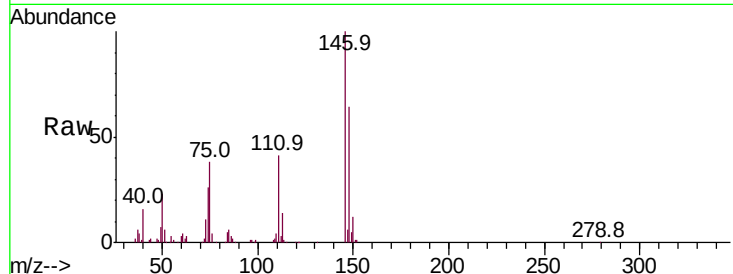
#13
1,4-Dichlorobenzene
Concen: 40.419 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.2	47.3	70.9	
111	41.3	33.4	50.0	

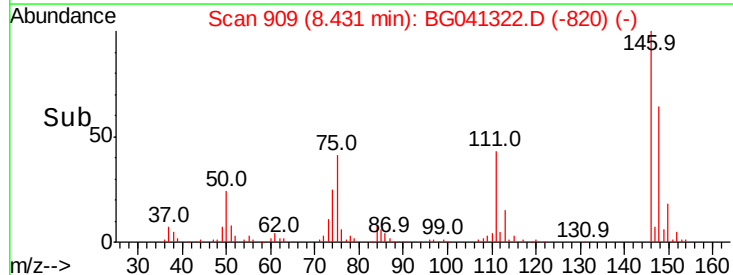
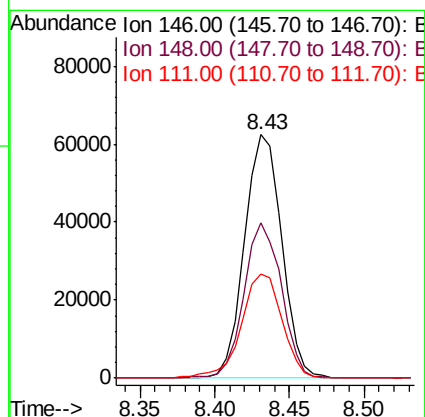
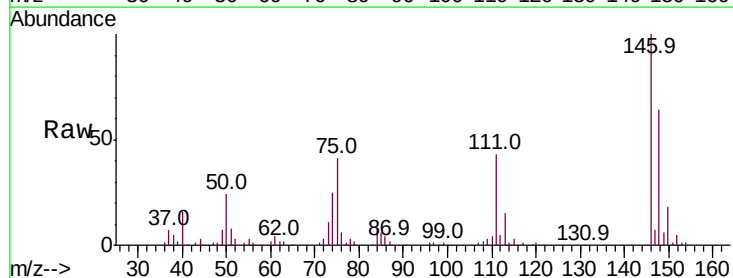
Manual Integrations
APPROVED

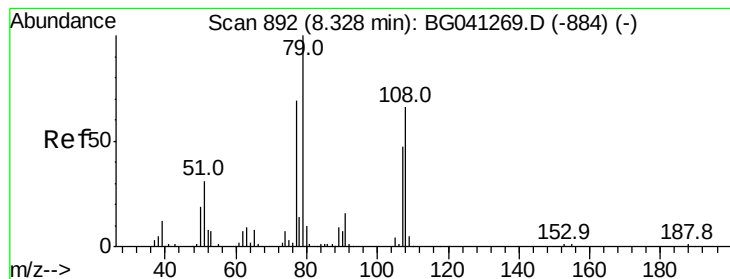
mohammad
6/21/2019 9:57:25 PM



#14
1,2-Dichlorobenzene
Concen: 40.598 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.8	54.9	82.3	
111	43.0	37.0	55.6	





#15

Benzyl Alcohol

Concen: 43.550 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

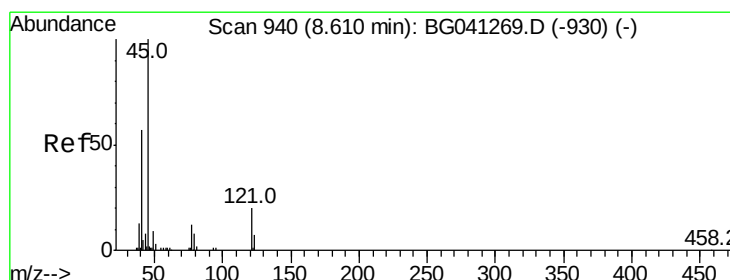
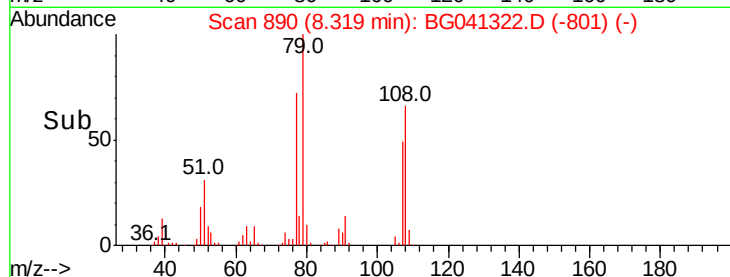
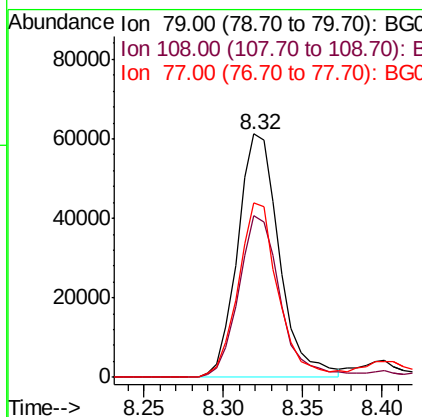
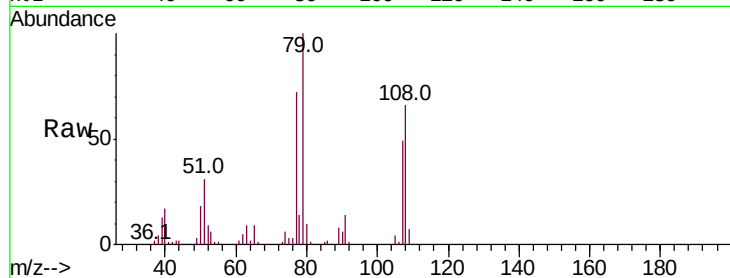
ClientSampleId :

PB120669BS

Tot Ion:	79	Resp:	111680
Ion Ratio	Lower	Upper	
79	100		
108	66.3	52.7	79.1
77	71.6	55.2	82.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.849 ng

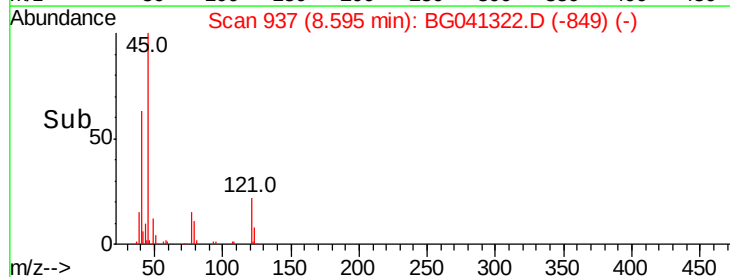
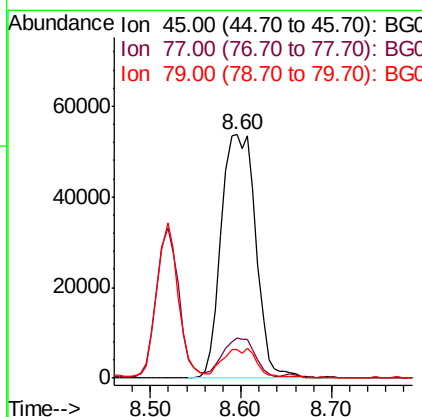
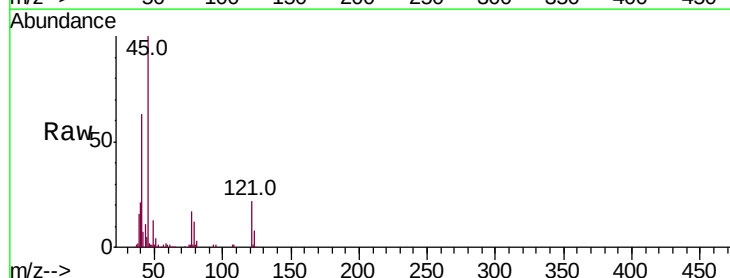
RT: 8.60 min Scan# 937

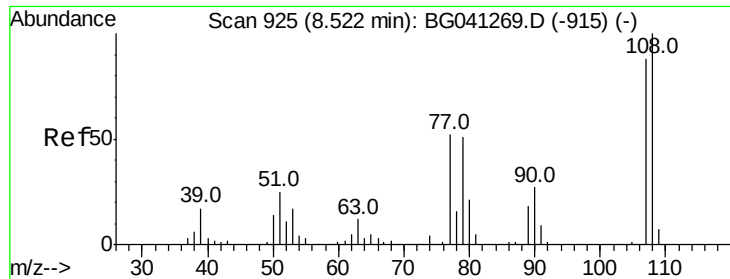
Delta R.T. -0.01 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	45	Resp:	142459
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	35.2
79	11.8	0.0	31.6





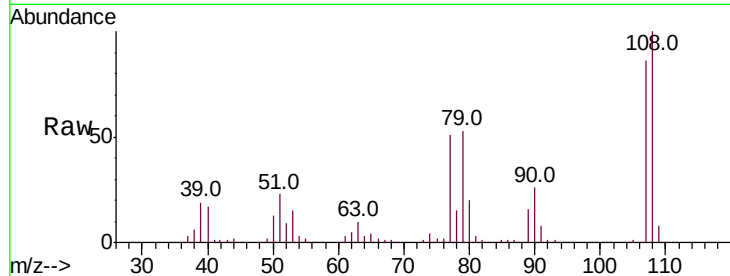
#17
2-Methylphenol
Concen: 46.846 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampled :
PB120669BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.7	137.5
77	59.6	47.8	71.8
79	61.7	46.8	70.2

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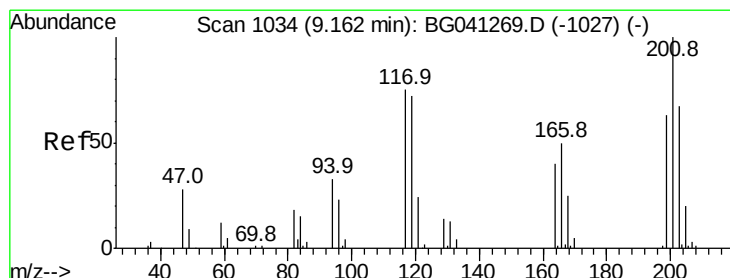
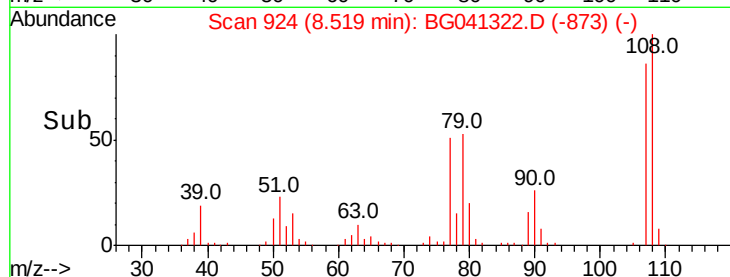
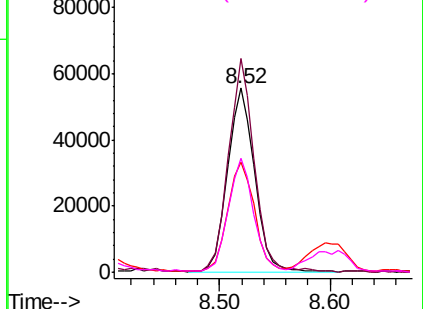
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

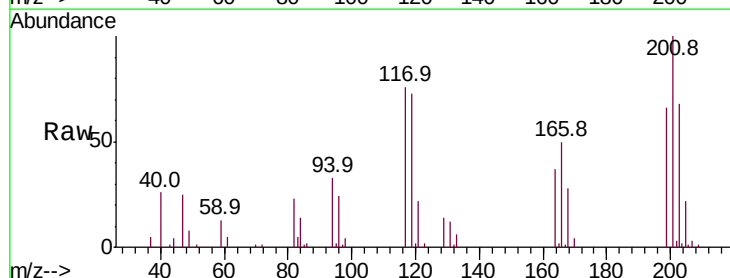
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.880 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
201	132.4	106.3	159.5

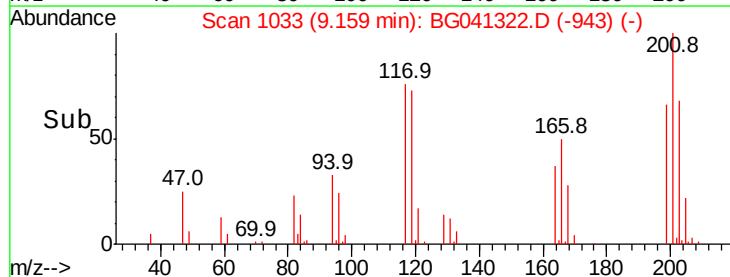
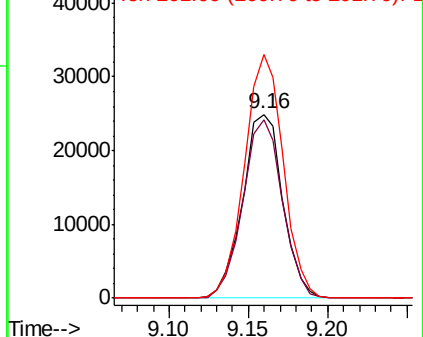


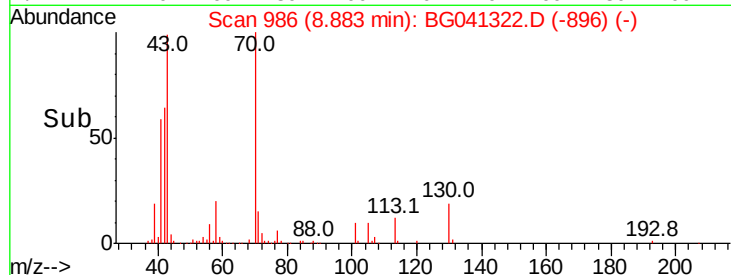
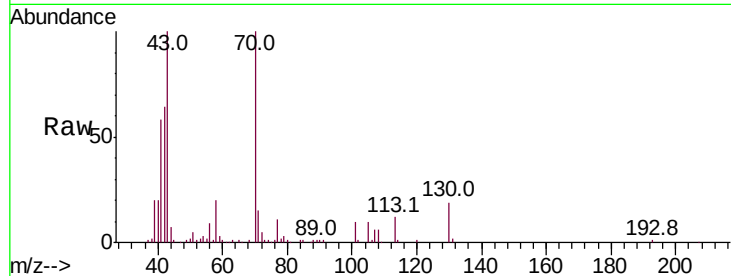
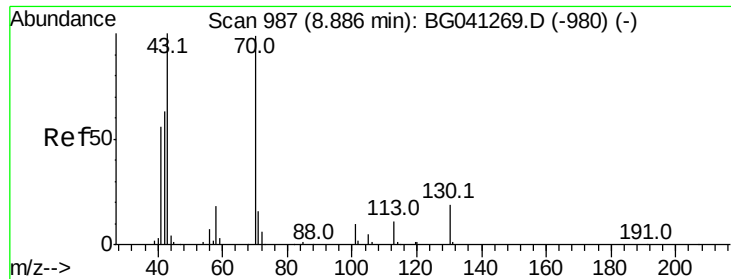
Abundance

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





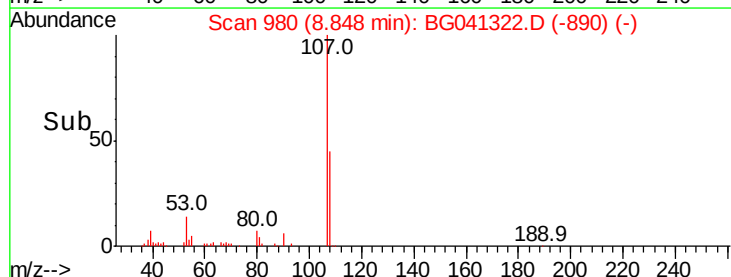
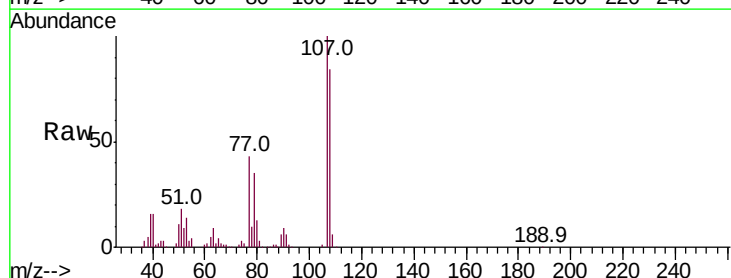
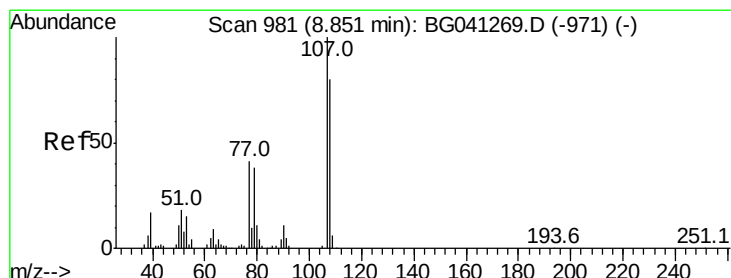
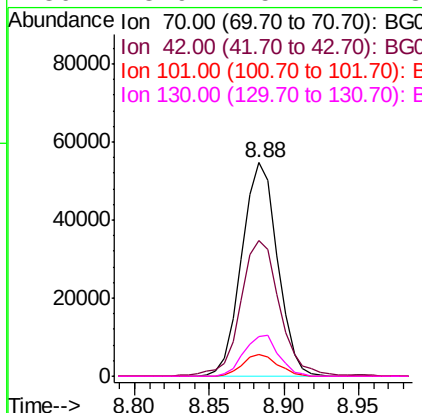
#19
n-Nitroso-di-n-propylamine
Concen: 42.054 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	51.4	77.2	
101	10.2	8.2	12.2	
130	18.9	15.2	22.8	

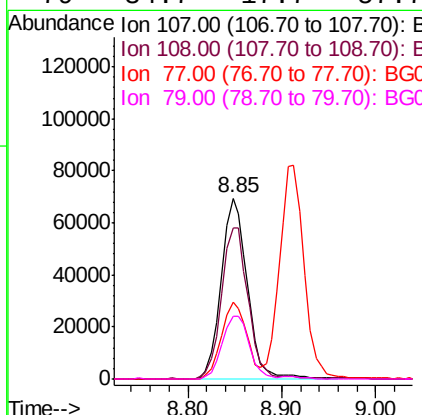
Manual Integrations
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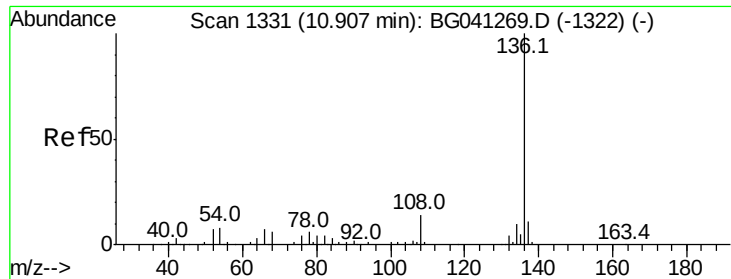
mohammad
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#20
3+4-Methylphenols
Concen: 49.094 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	60.4	100.4	
77	42.6	21.2	61.2	
79	34.7	17.7	57.7	





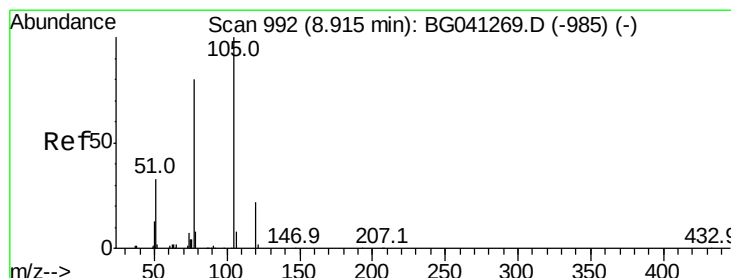
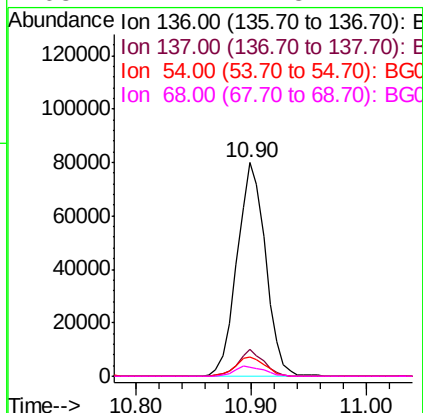
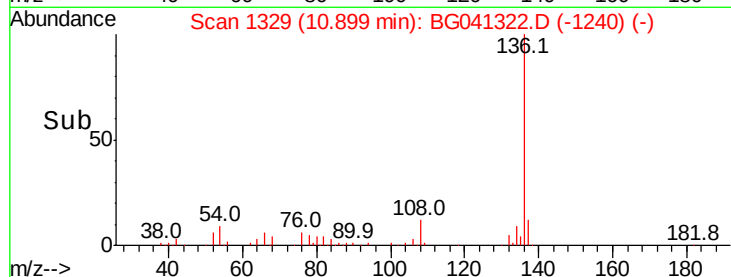
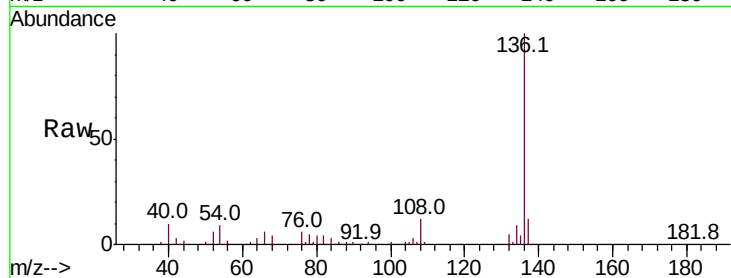
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		136148		
137	12.3		8.8	13.2	
54	8.9		6.4	9.6	
68	4.2		4.8	7.2#	

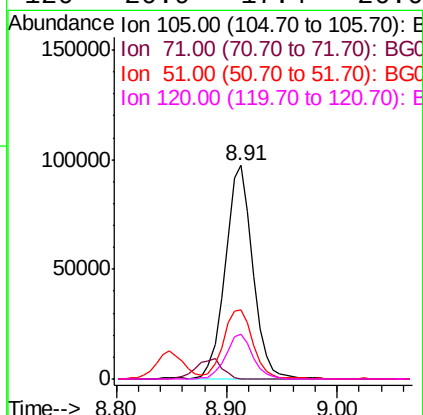
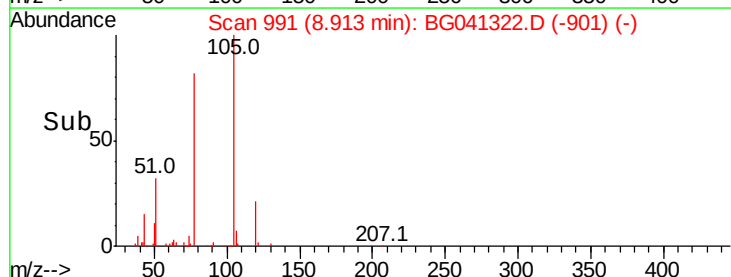
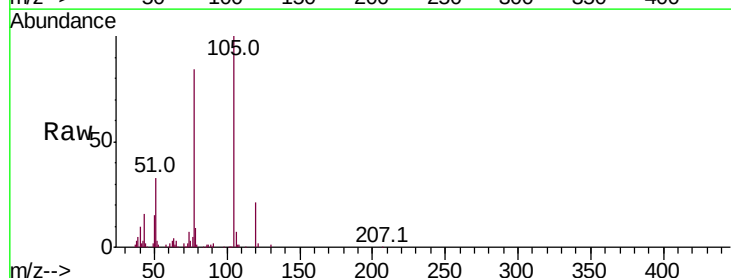
Manual Integrations
APPROVED

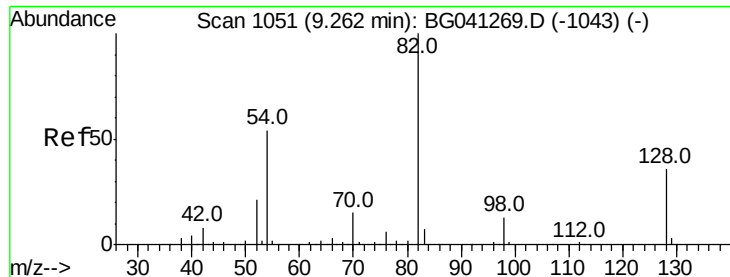
mohammad
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#22
Acetophenone
Concen: 42.788 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		169523		
71	0.3		0.4	0.6#	
51	32.6		28.2	42.4	
120	20.9		17.4	26.0	





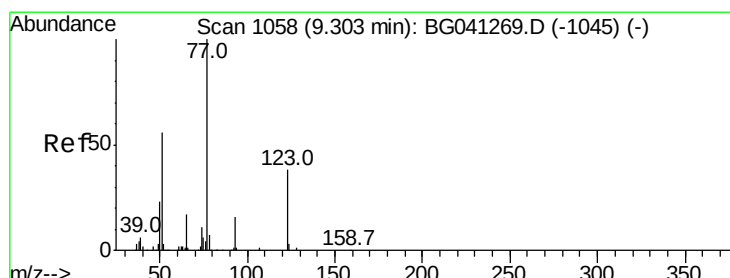
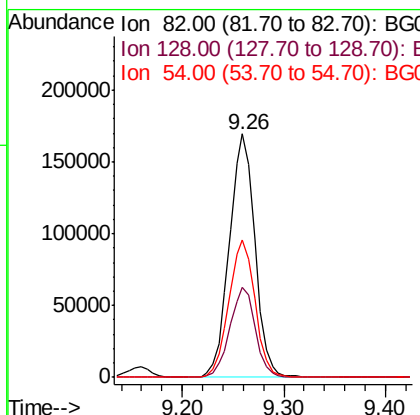
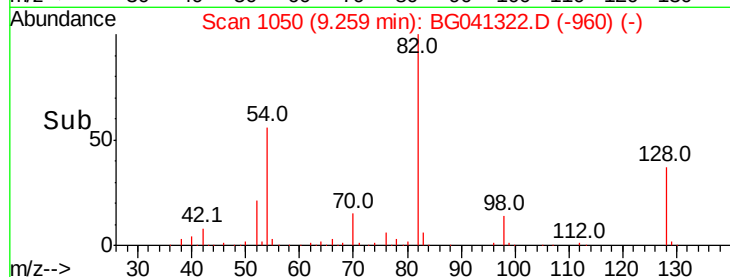
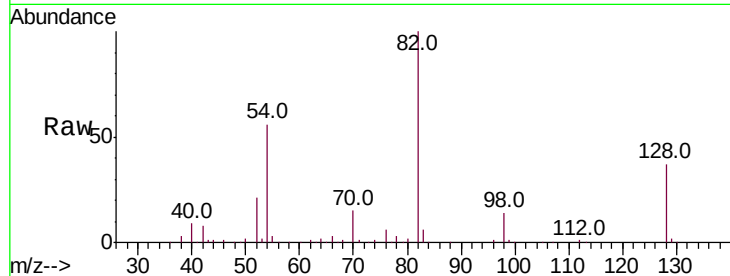
#23
 Nitrobenzene-d5
 Concen: 91.558 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	296399		
128	36.8	29.2	43.8	
54	56.5	43.4	65.0	

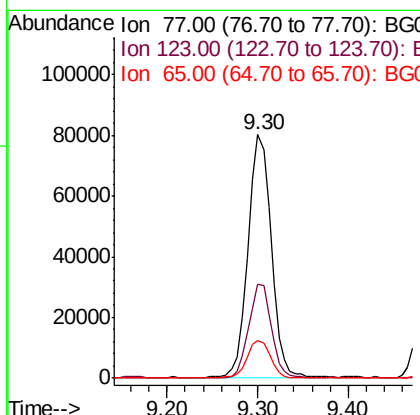
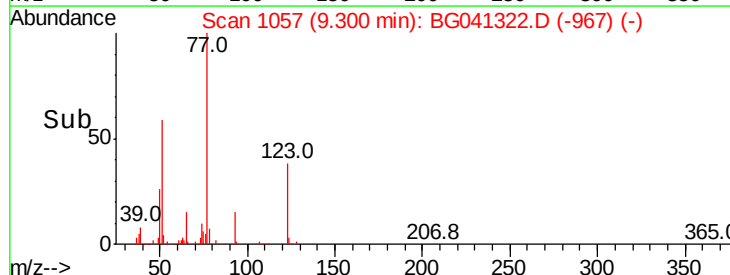
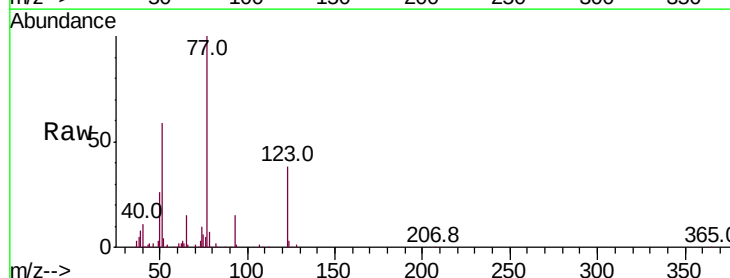
Manual Integrations
 APPROVED

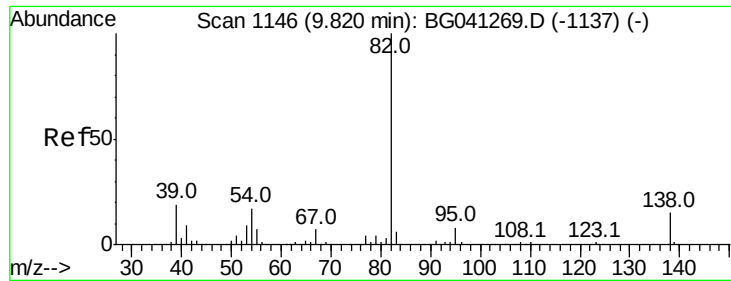
mohammad
 6/21/2019 9:57:25 PM



#24
 Nitrobenzene
 Concen: 44.318 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	144292		
123	38.4	30.4	45.6	
65	15.4	13.3	19.9	





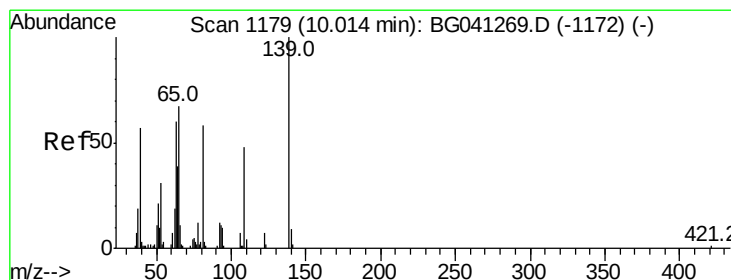
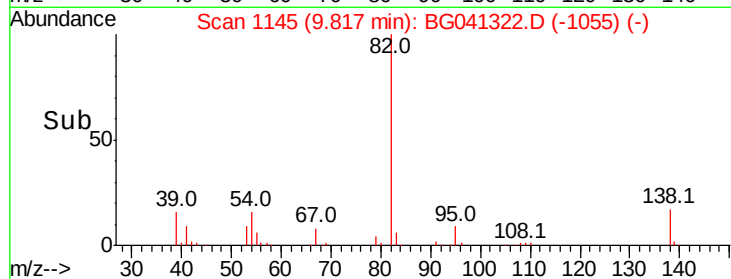
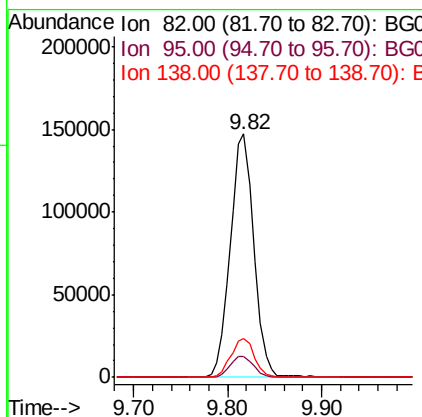
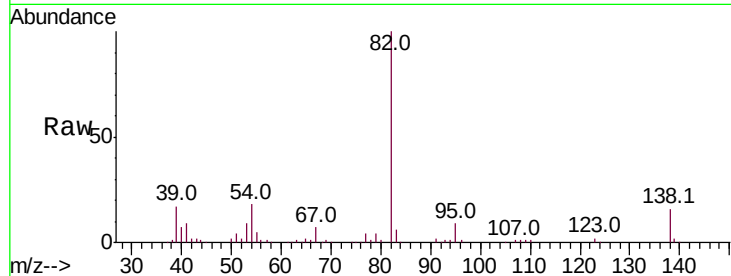
#25
Isophorone
Concen: 43.131 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.6	10.0	
138	15.8	12.3	18.5	

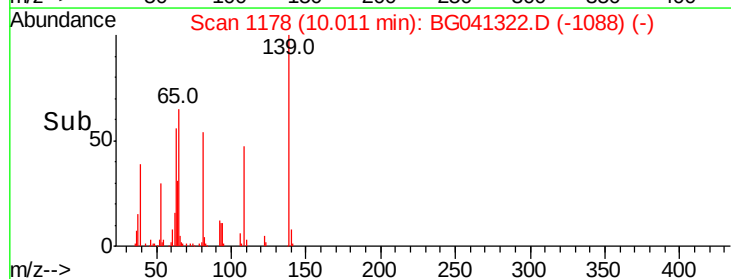
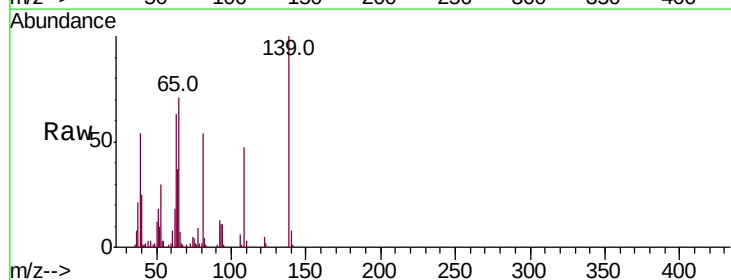
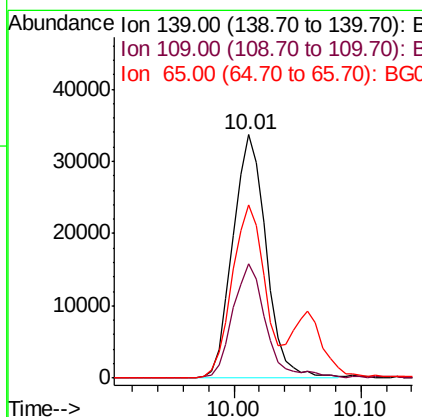
Manual Integrations
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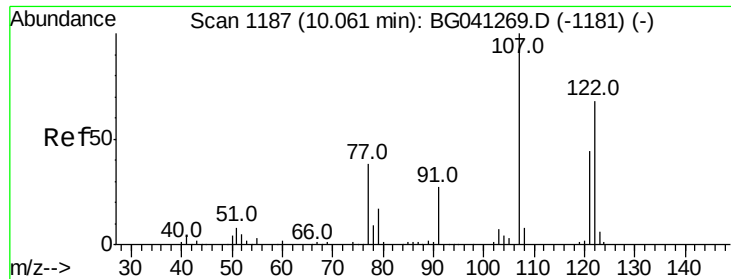
mohammad
6/21/2019 9:57:25 PM



#26
2-Nitrophenol
Concen: 46.465 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	47.0	38.4	57.6	
65	71.2	53.6	80.4	





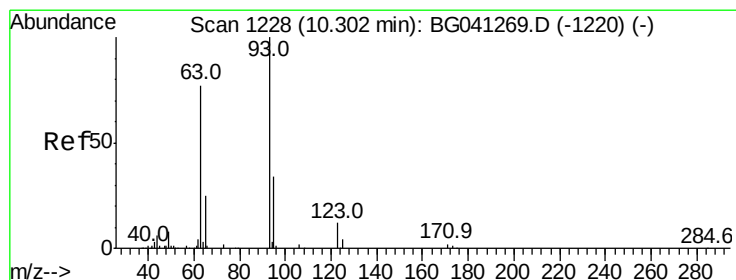
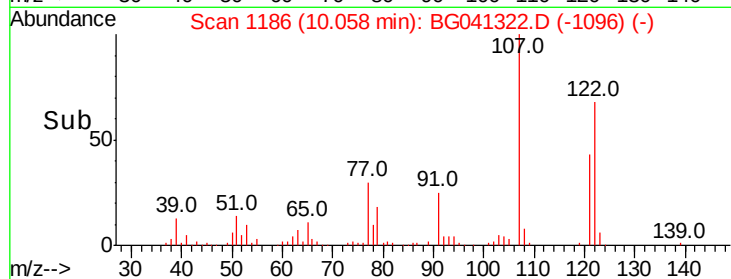
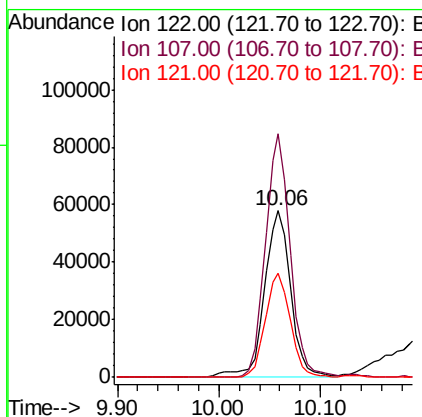
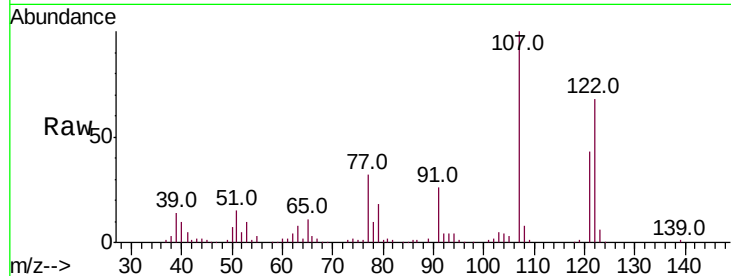
#27
 2,4-Dimethylphenol
 Concen: 52.621 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampled :
 PB120669BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.3	115.1	172.7
121	62.5	50.1	75.1

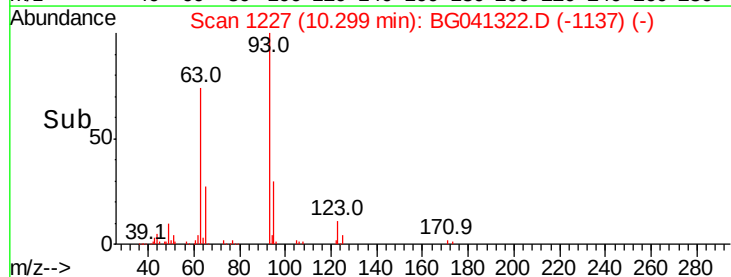
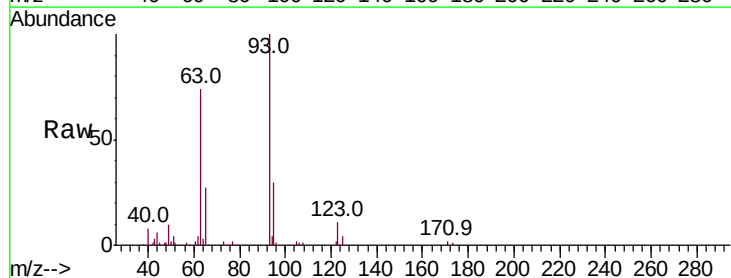
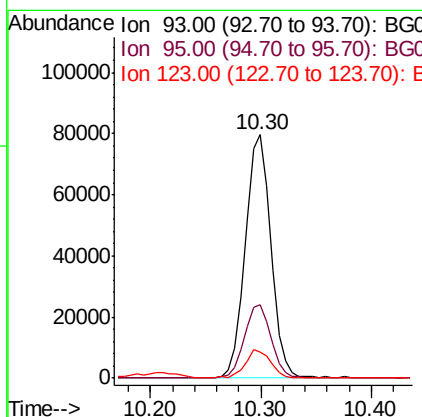
Manual Integrations
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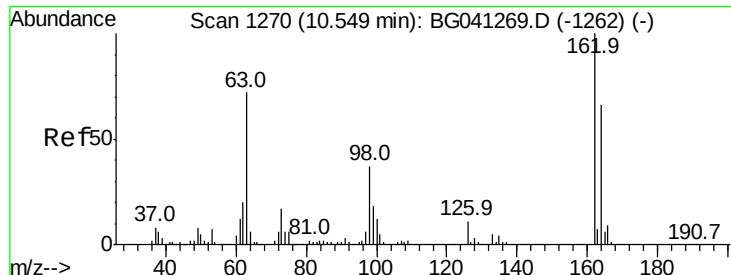
mohammad
 6/21/2019 9:57:25 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.067 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	27.3	40.9
123	10.9	9.6	14.4





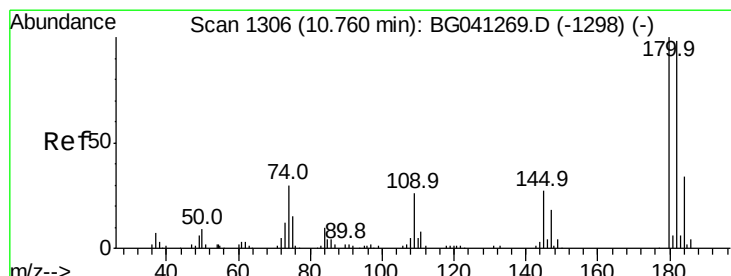
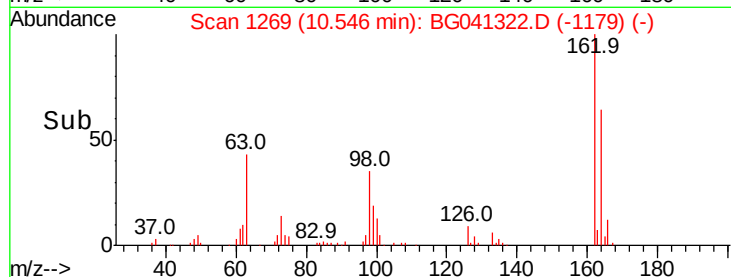
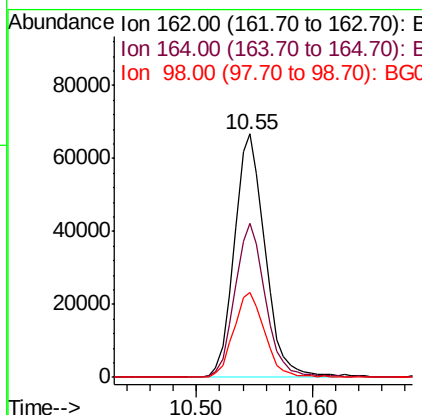
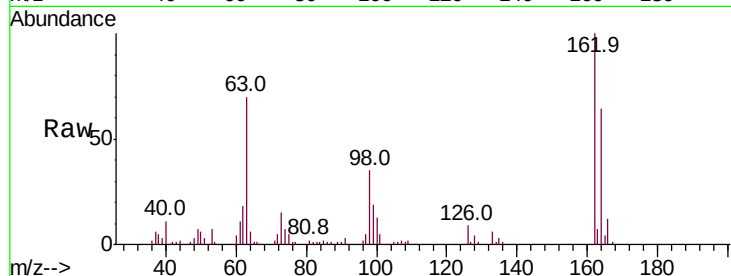
#29
2,4-Dichlorophenol
Concen: 49.960 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	46.0	86.0
98	34.9	17.4	57.4

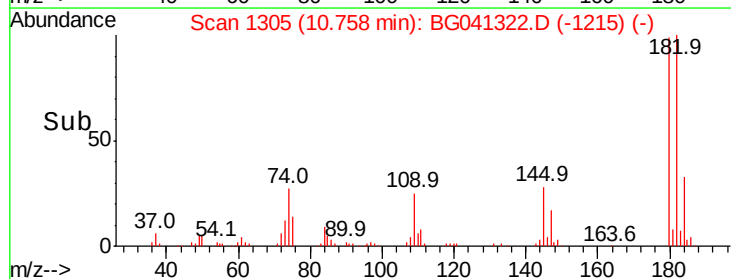
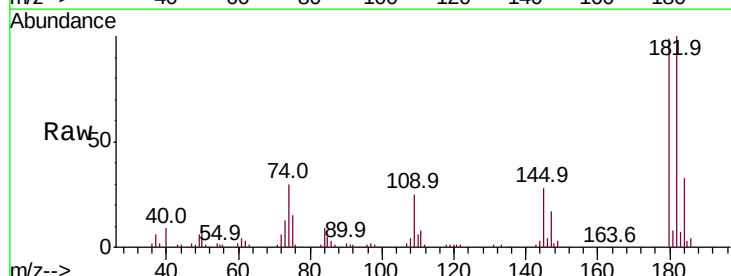
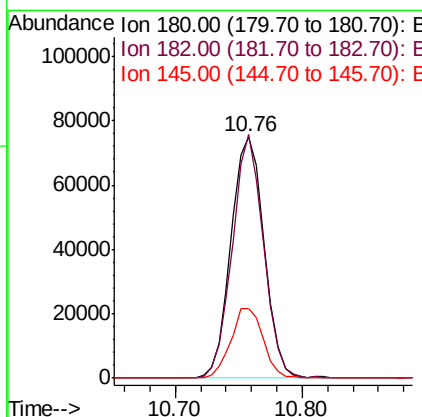
Manual Integrations
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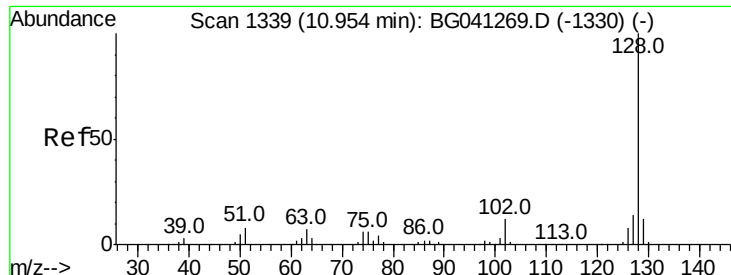
mohammad
6/21/2019 9:57:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.922 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.9	78.6	117.8
145	28.7	21.7	32.5





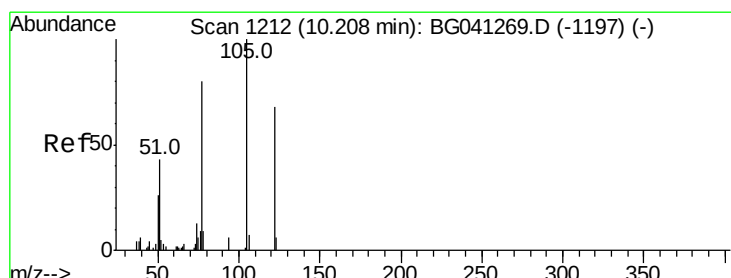
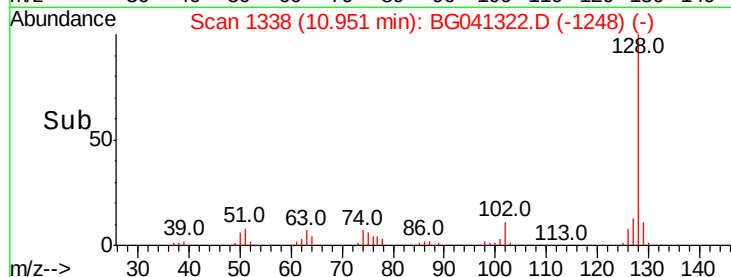
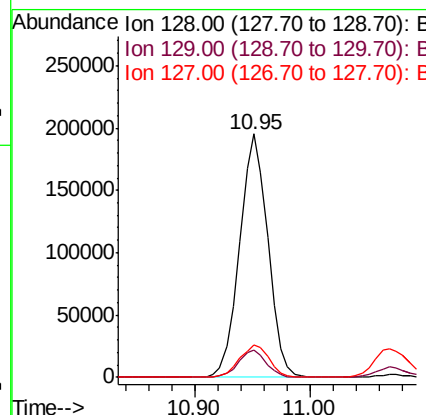
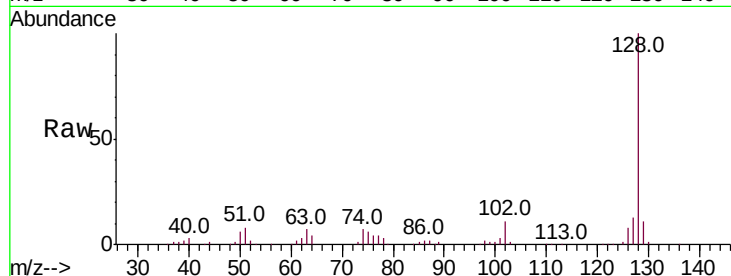
#31
Naphthalene
Concen: 44.670 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.3	11.2	16.8

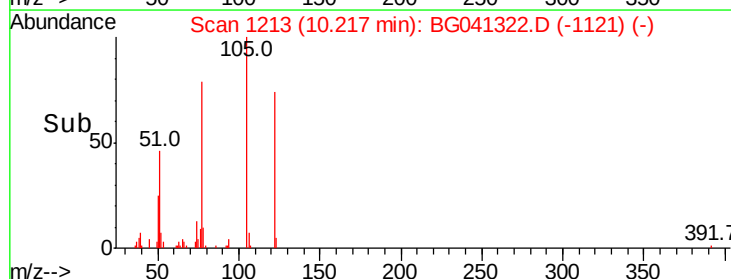
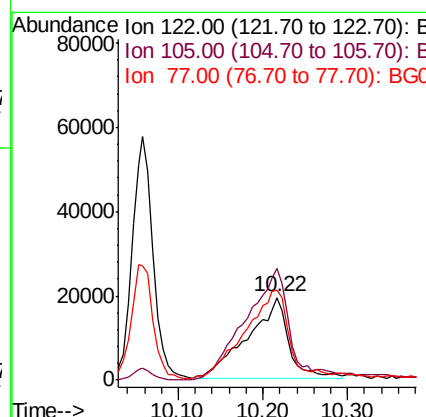
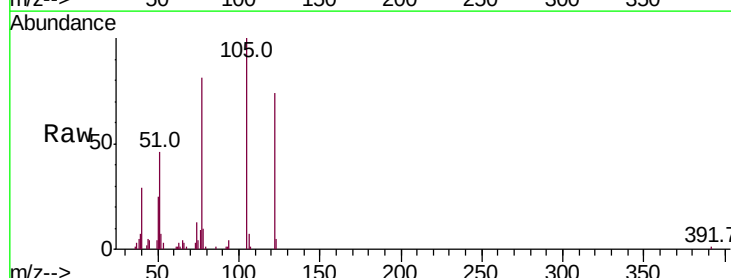
Manual Integrations
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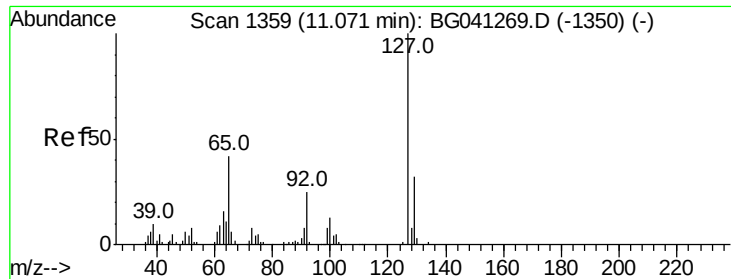
mohammad
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#32
Benzoic acid
Concen: 49.516 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	124.2	164.2
77	108.9	97.2	137.2





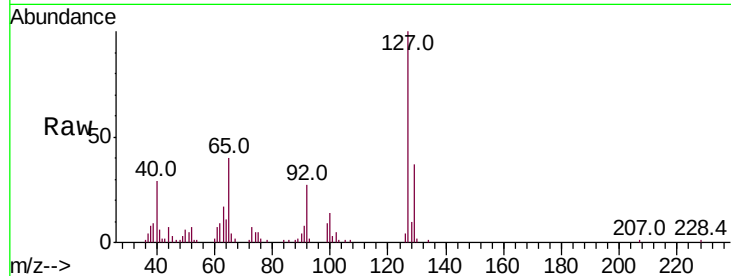
#33
4-Chloroaniline
Concen: 16.824 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.9	25.8	38.8
65	39.5	33.8	50.8
92	27.5	20.2	30.4

Manual Integrations
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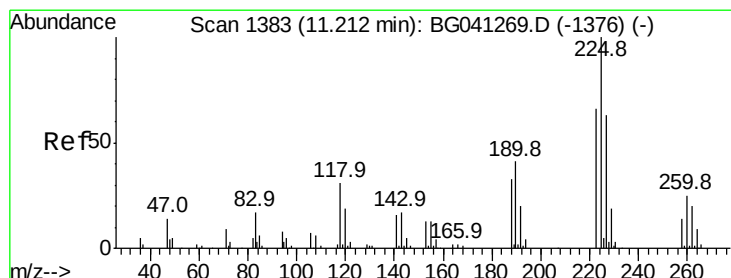
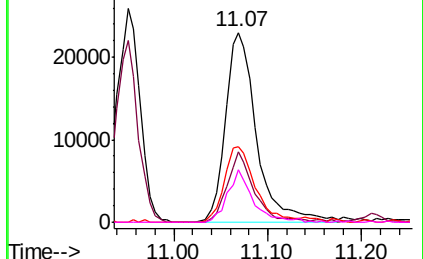
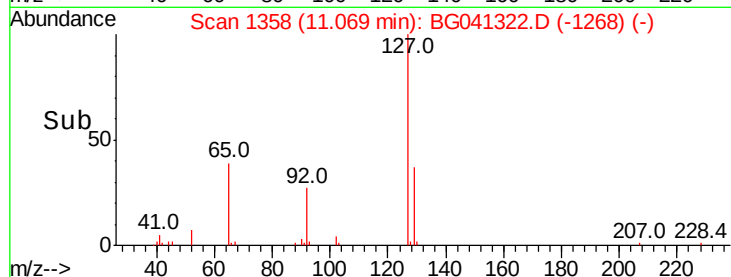
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

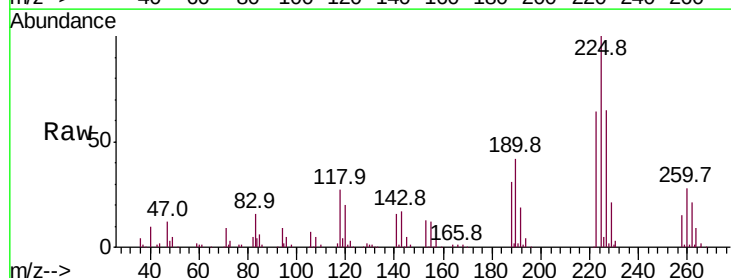
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.279 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.5	78.7
227	65.0	50.2	75.2

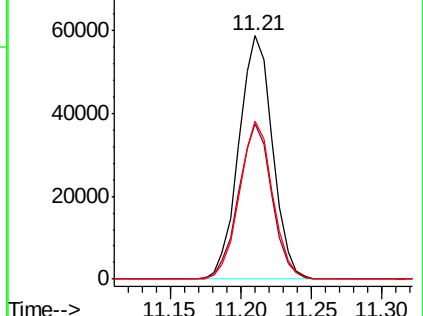
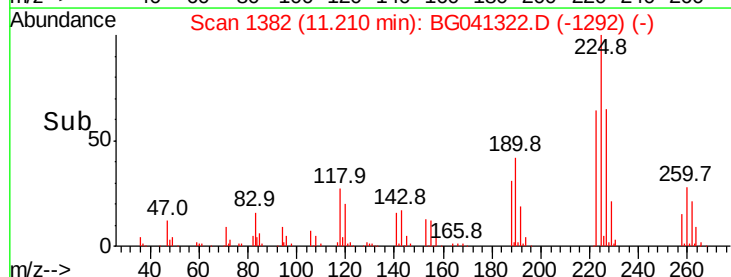


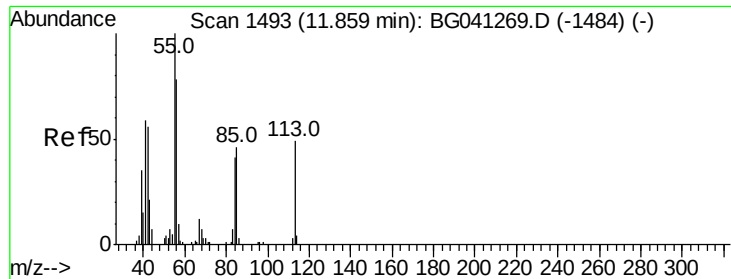
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





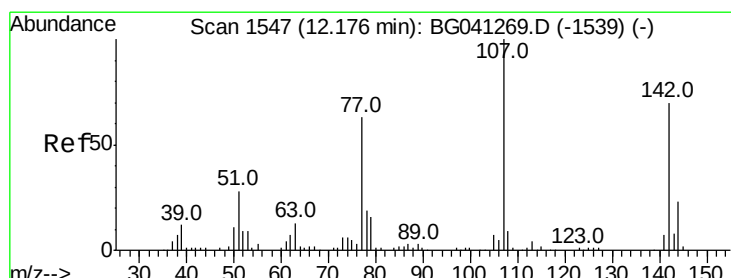
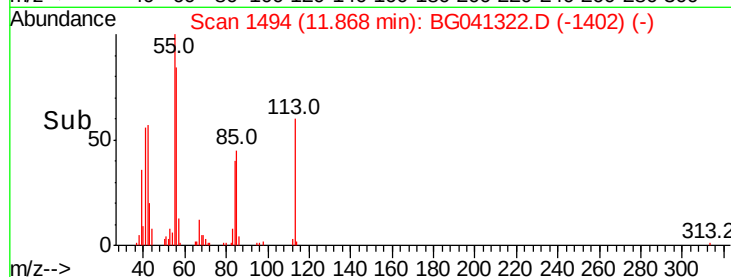
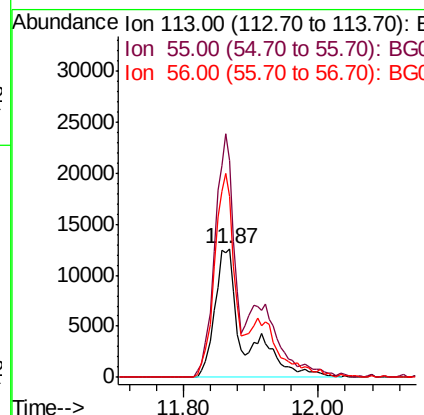
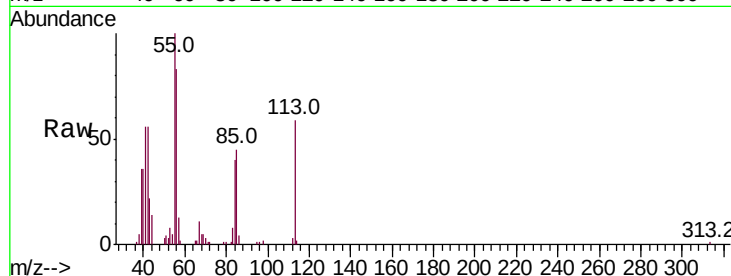
#35
 Caprolactam
 Concen: 45.748 ng/ml
 RT: 11.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion:113 Resp: 38638
 Ion Ratio Lower Upper
 113 100
 55 168.6 182.6 222.6#
 56 140.5 137.5 177.5

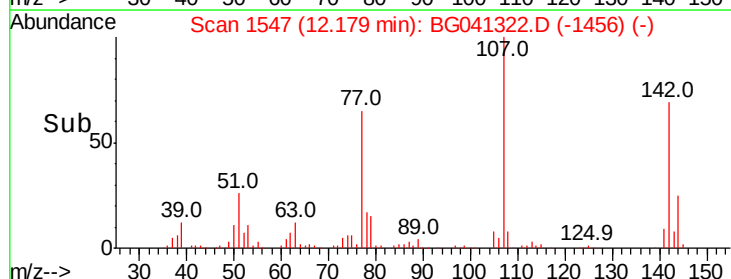
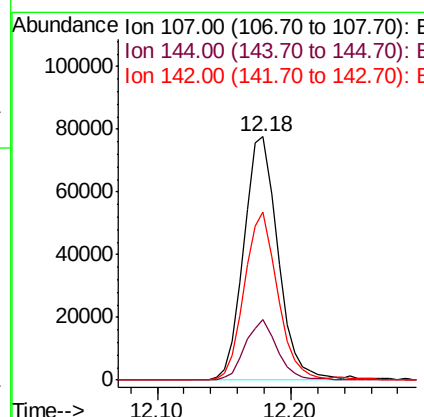
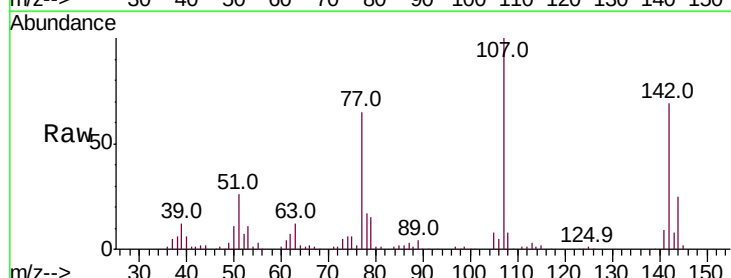
Manual Integrations
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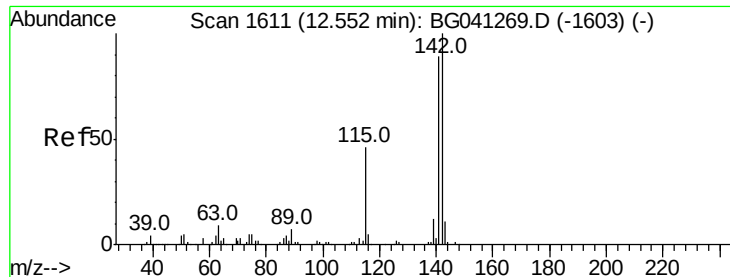
mohammad
 6/21/2019 9:57:25 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.601 ng/ml
 RT: 12.18 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion:107 Resp: 137724
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.5 27.7
 142 69.0 56.3 84.5





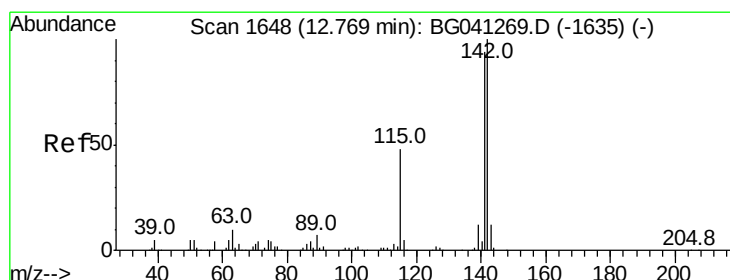
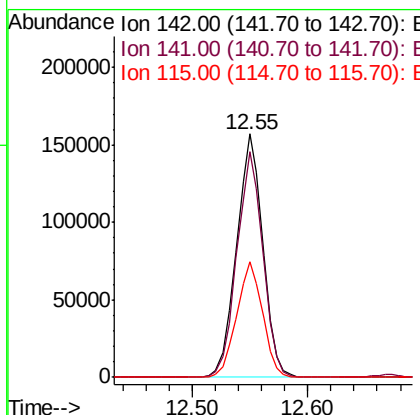
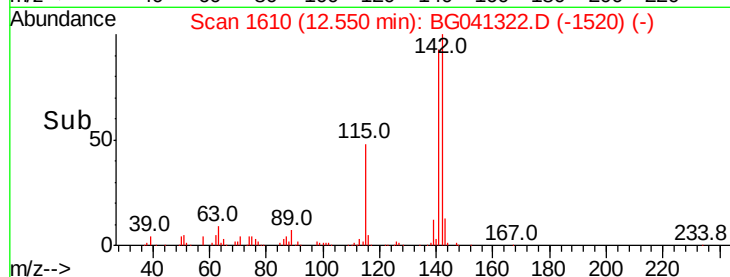
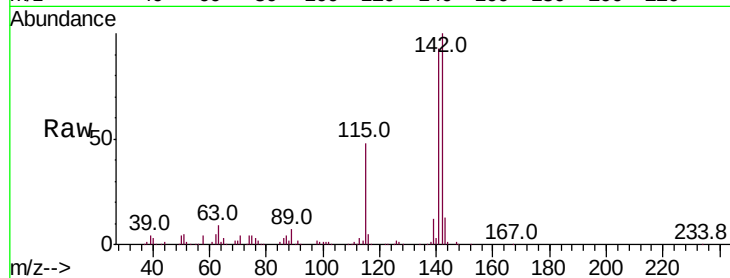
#37
2-Methylnaphthalene
Concen: 45.157 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	246100		
141	92.7	71.5	107.3	
115	47.7	37.0	55.6	

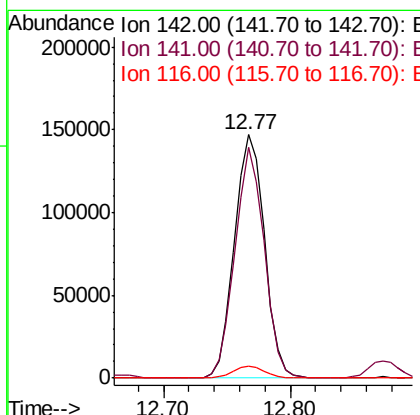
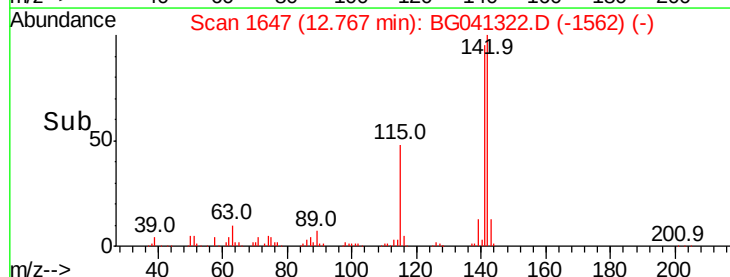
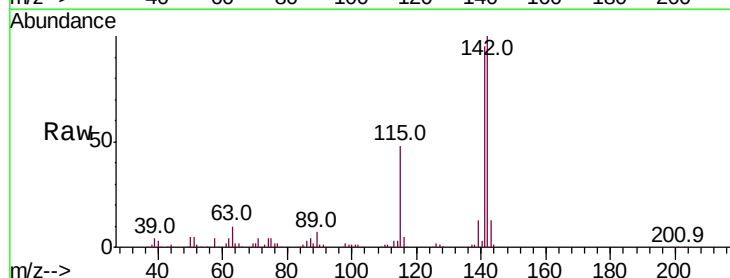
Manual Integrations
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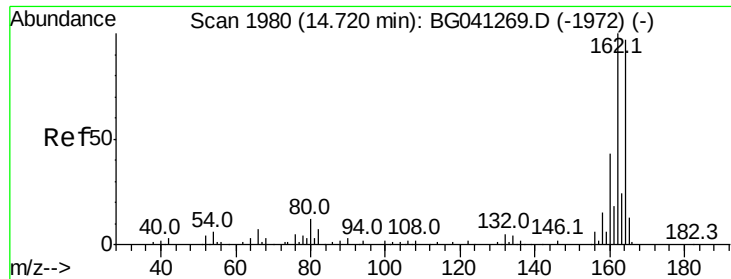
mohammad
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#38
1-Methylnaphthalene
Concen: 46.331 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	241577		
141	95.0	75.0	112.6	
116	4.7	4.2	6.2	





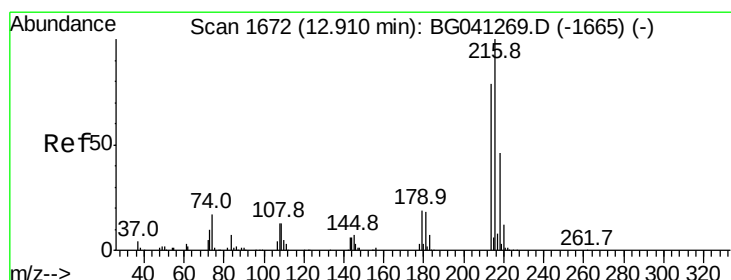
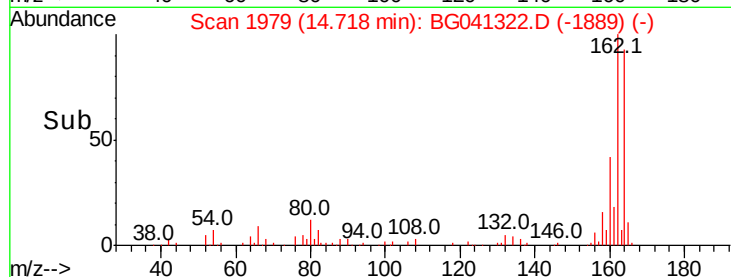
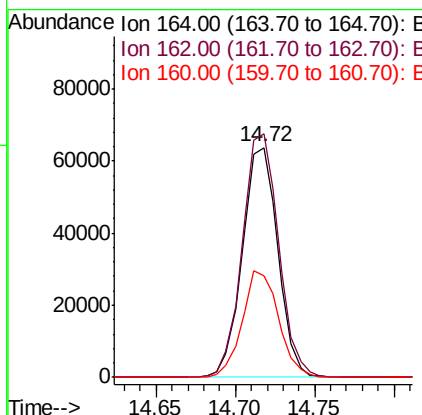
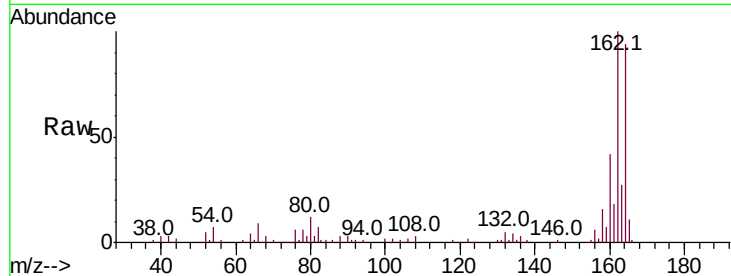
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.8	124.2
160	44.2	35.8	53.8

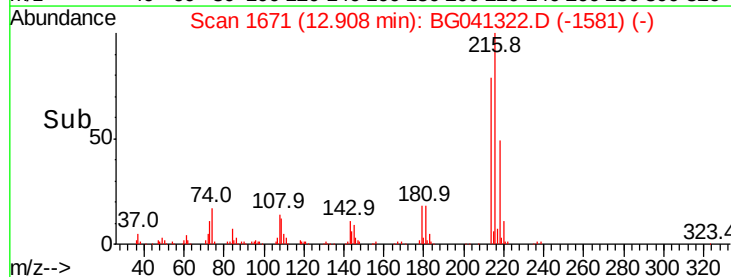
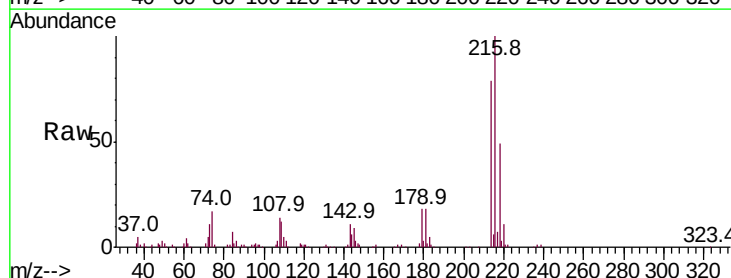
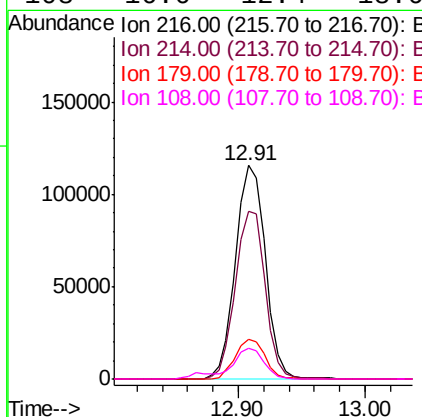
Manual Integrations
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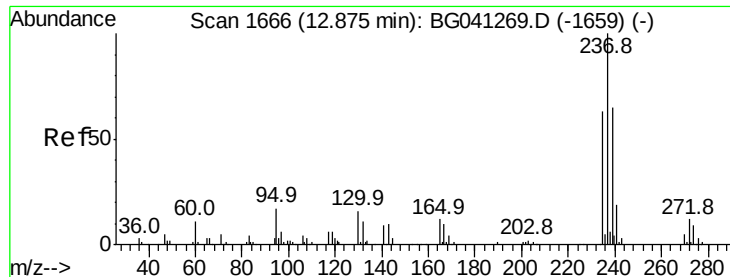
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.153 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	18.4	15.2	22.8
108	16.6	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 66.102 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

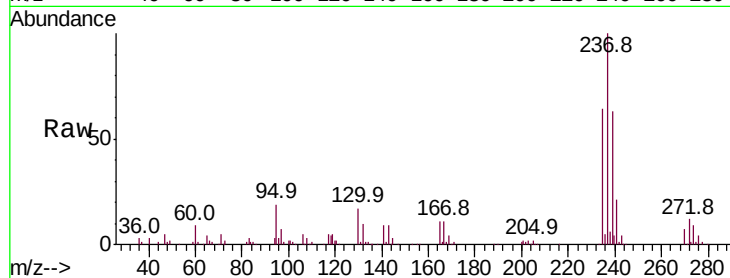
ClientSampleId :

PB120669BS

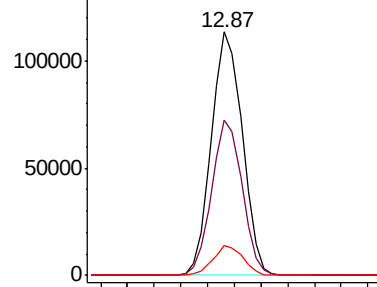
Tot Ion:	237	Resp:	182145
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.9	82.9
272	12.3	0.0	32.0

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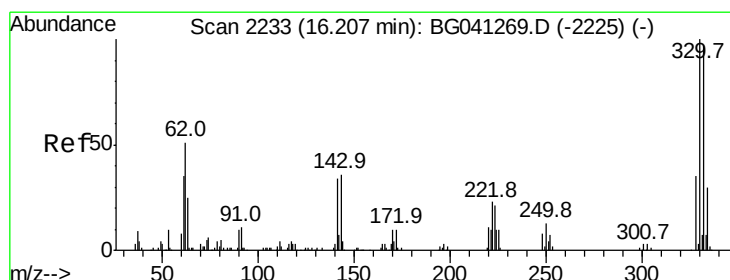
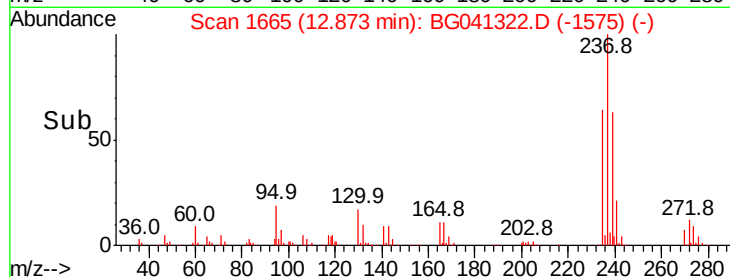
mohammad
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 152.495 ng

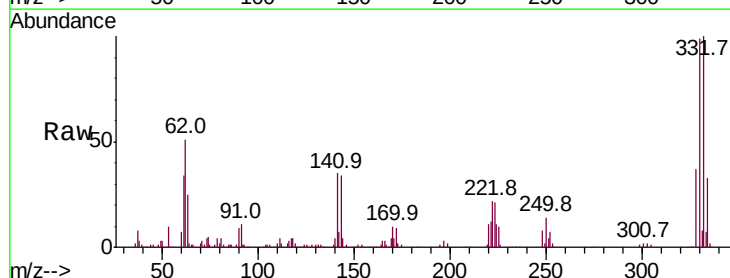
RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

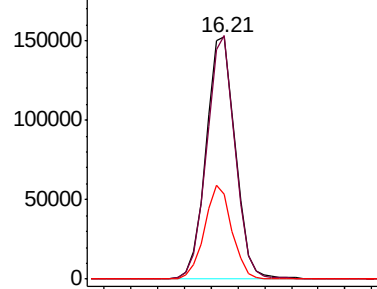
Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

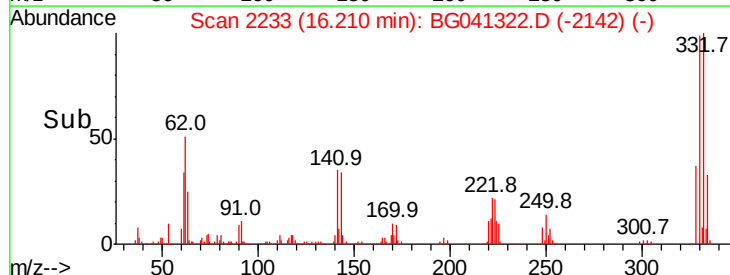
Tgt Ion:	330	Resp:	231931
Ion Ratio	Lower	Upper	
330	100		
332	97.3	75.5	113.3
141	36.7	29.0	43.4

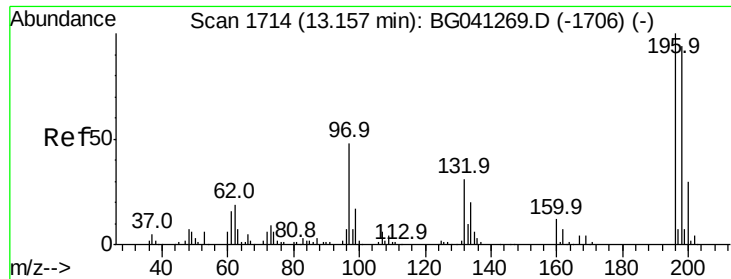


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->





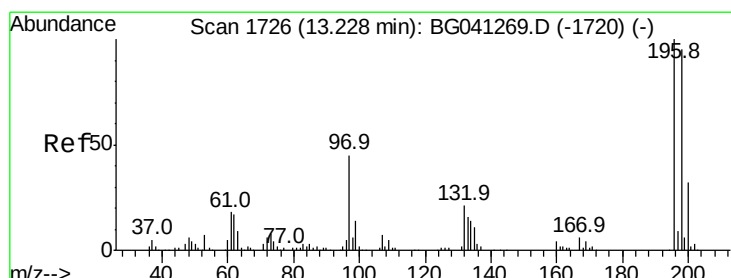
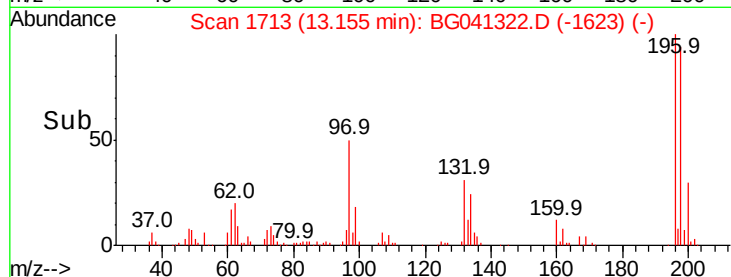
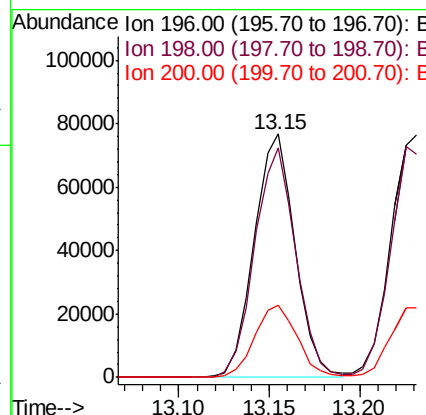
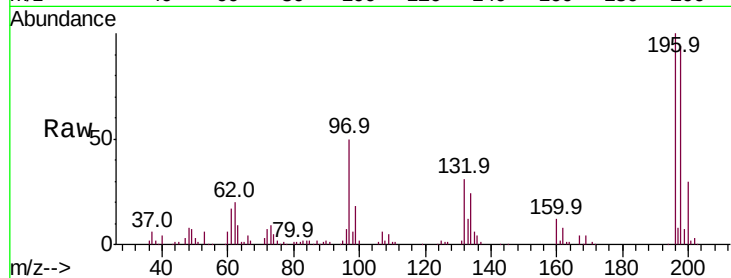
#43
 2,4,6-Trichlorophenol
 Concen: 47.390 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119927		
198	94.1	74.9	112.3	
200	29.6	24.2	36.2	

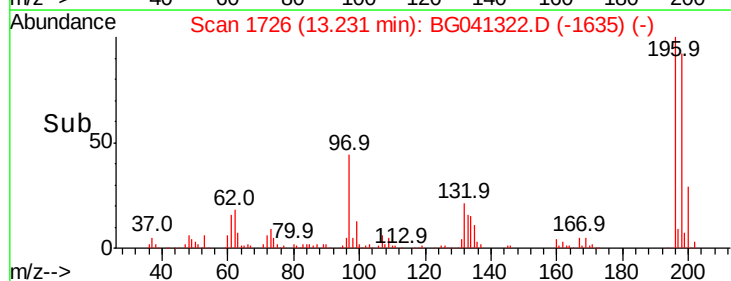
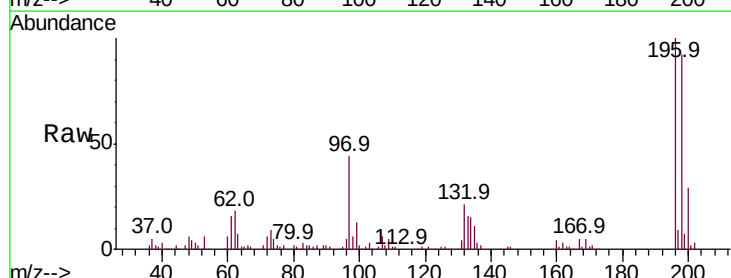
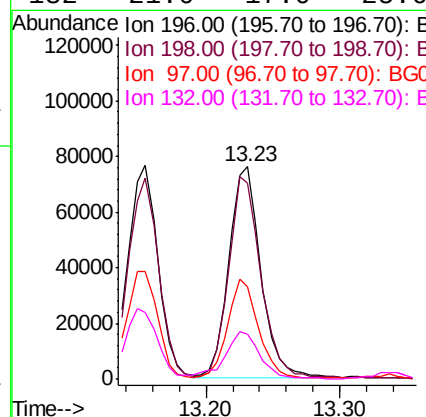
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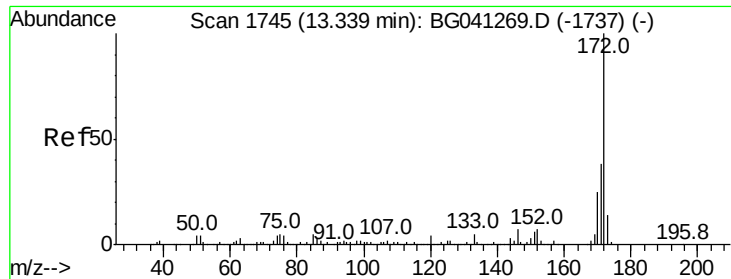
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#44
 2,4,5-Trichlorophenol
 Concen: 49.043 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127700		
198	92.2	76.1	114.1	
97	43.7	35.9	53.9	
132	21.0	17.0	25.6	





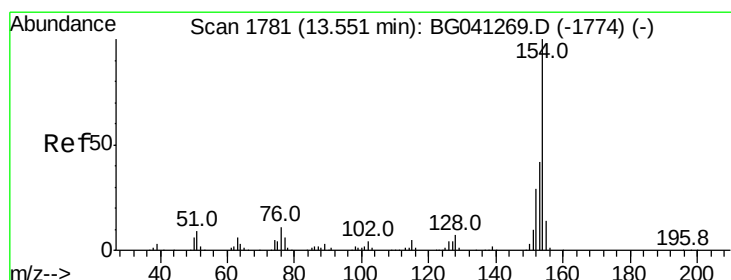
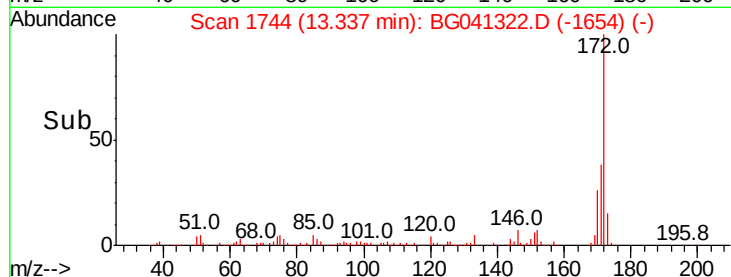
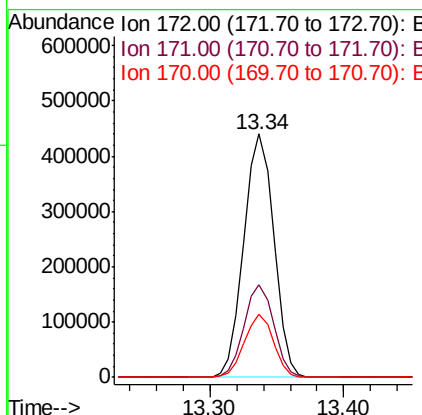
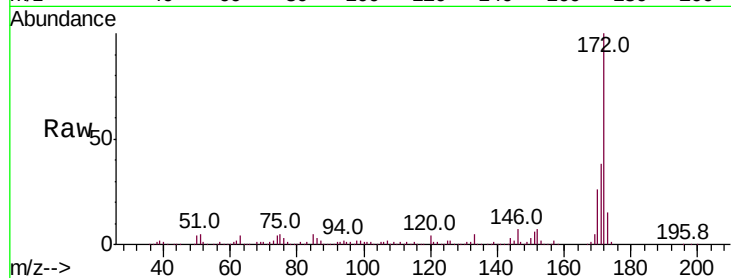
#45
 2-Fluorobiphenyl
 Concen: 93.967 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.9	19.8	29.6

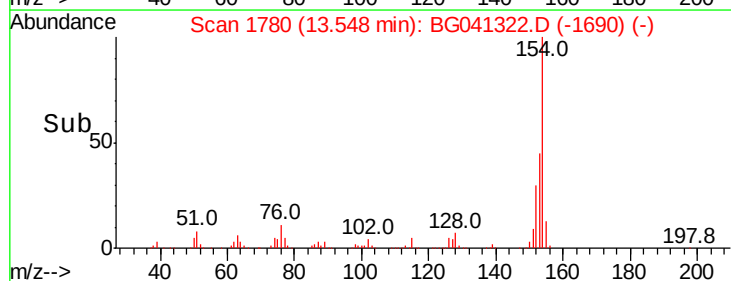
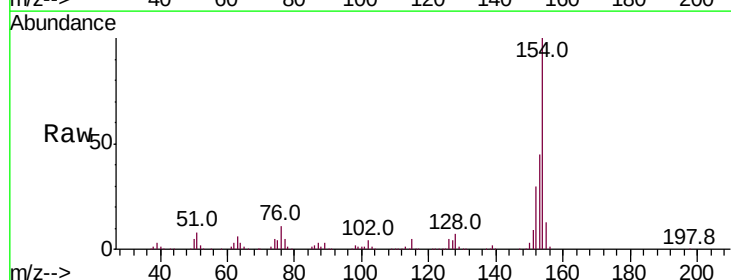
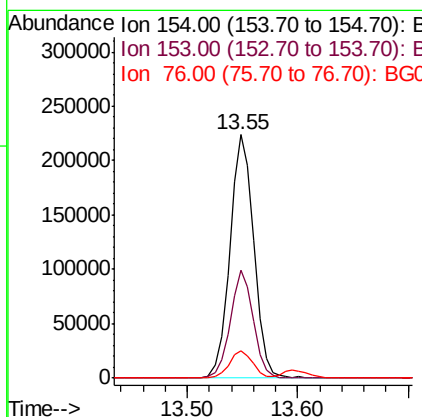
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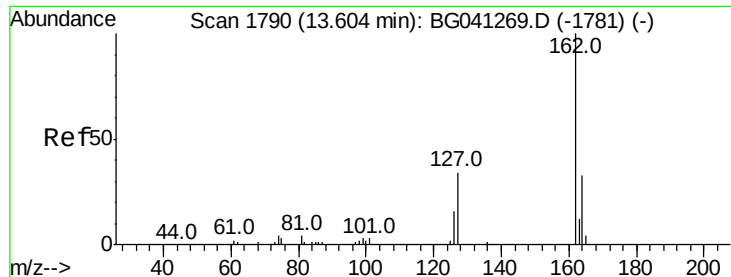
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#46
 1,1'-Biphenyl
 Concen: 45.160 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	22.3	62.3
76	11.2	0.0	30.8





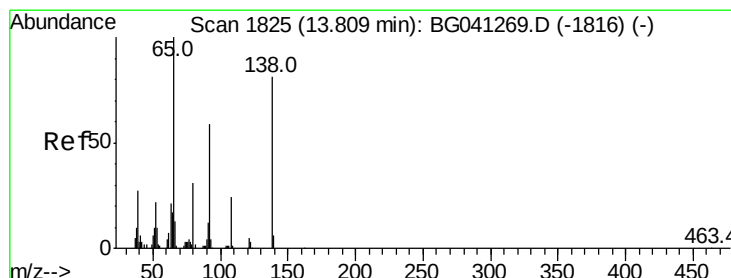
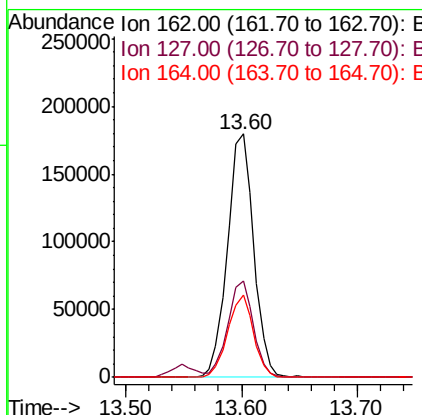
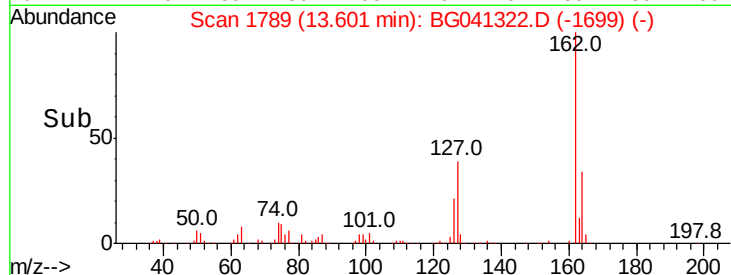
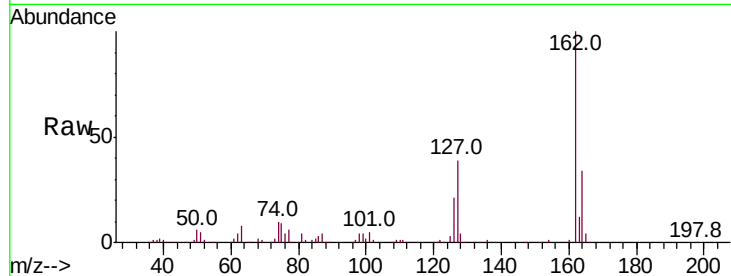
#47
 2-Chloronaphthalene
 Concen: 43.879 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.4
164	33.8	26.1	39.1

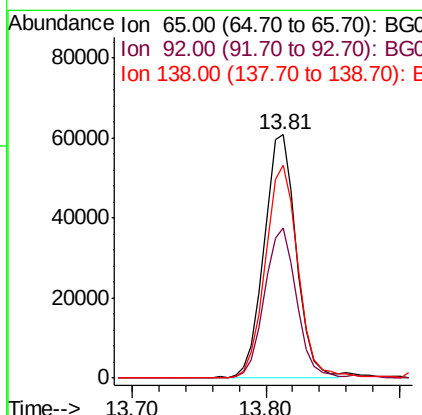
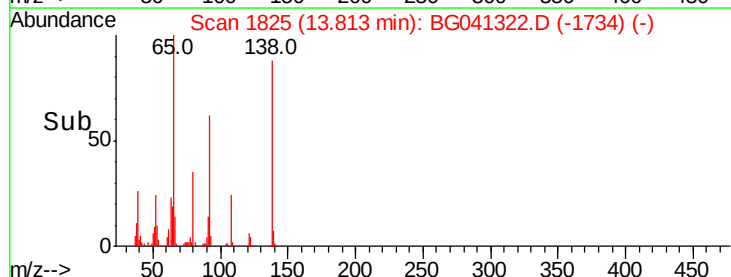
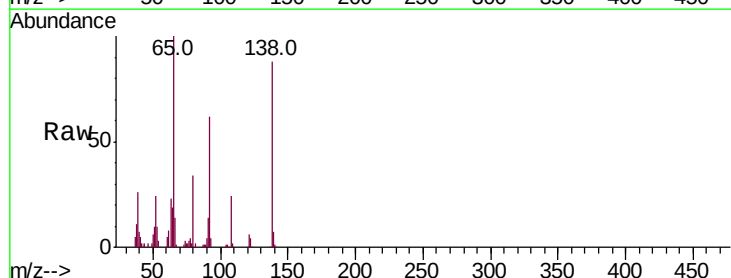
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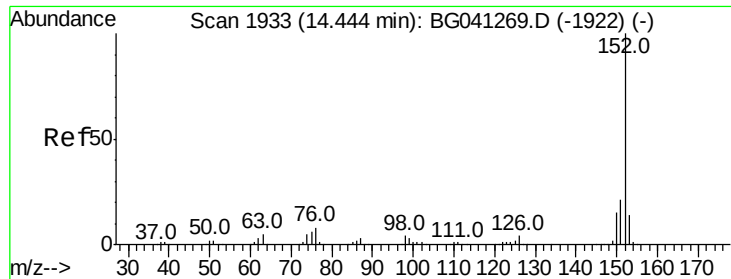
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#48
 2-Nitroaniline
 Concen: 43.192 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	47.4	71.2
138	87.6	64.7	97.1





#49

Acenaphthylene

Concen: 45.484 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

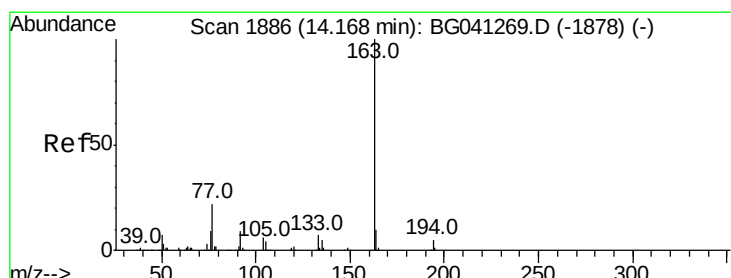
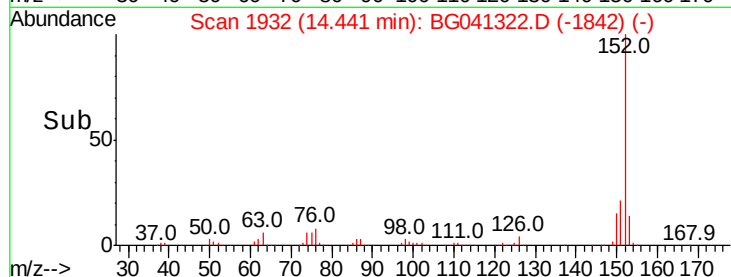
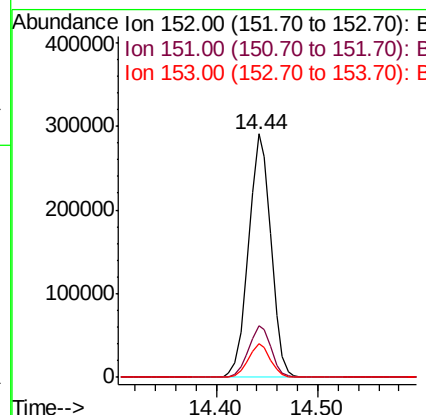
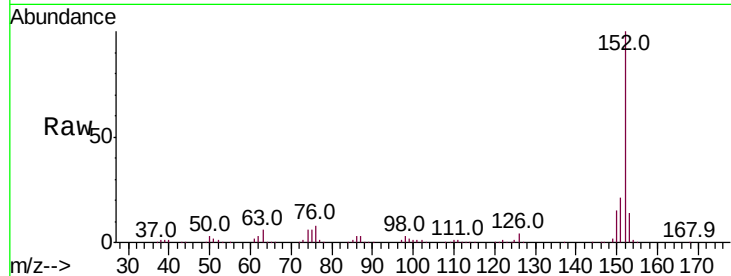
ClientSampleId :

PB120669BS

Tot Ion:	152	Resp:	445048
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.7	10.8	16.2

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#50

Dimethylphthalate

Concen: 43.430 ng

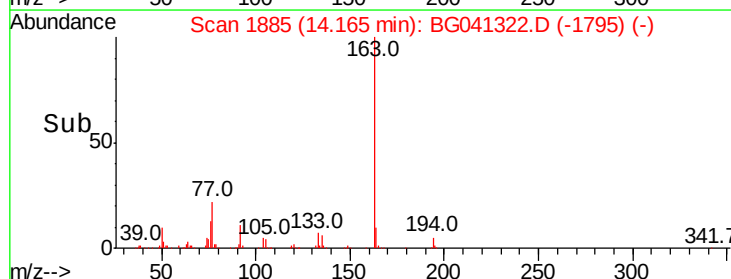
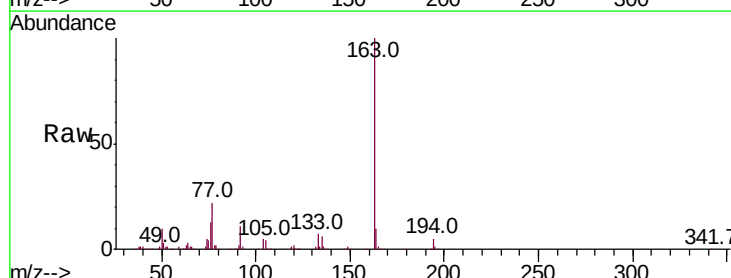
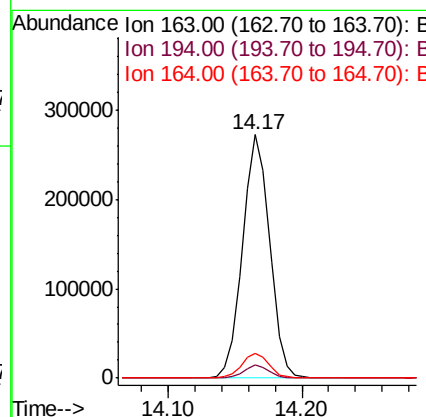
RT: 14.17 min Scan# 1885

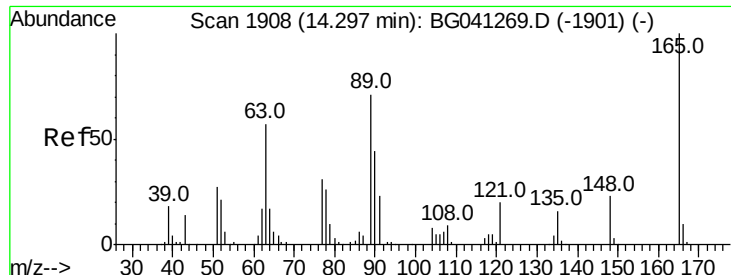
Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	163	Resp:	382821
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.9	5.9
164	10.0	8.3	12.5





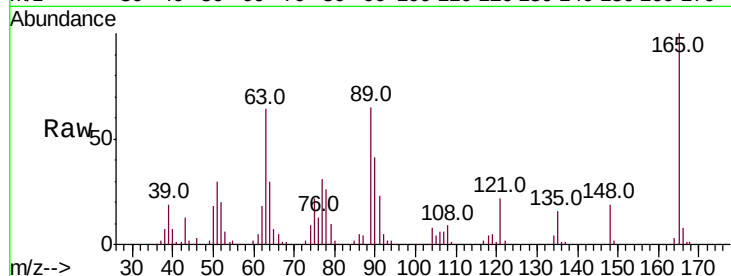
#51
2,6-Dinitrotoluene
Concen: 46.037 ng
RT: 14.30 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

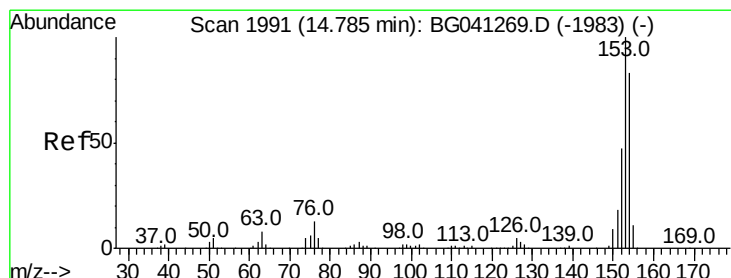
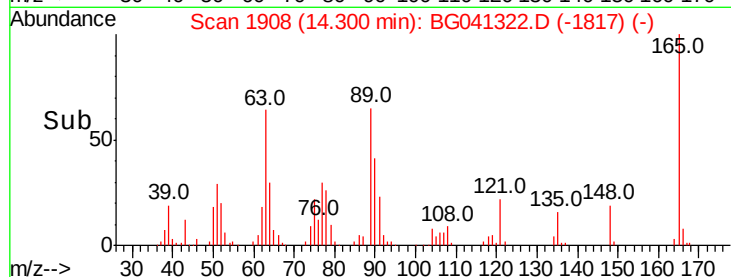
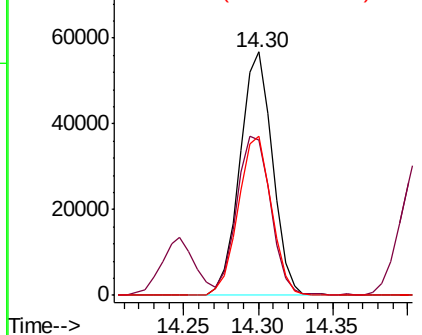
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	63.7	55.4	83.0
89	65.4	56.5	84.7

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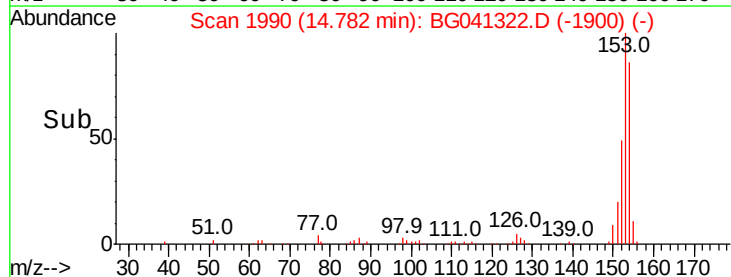
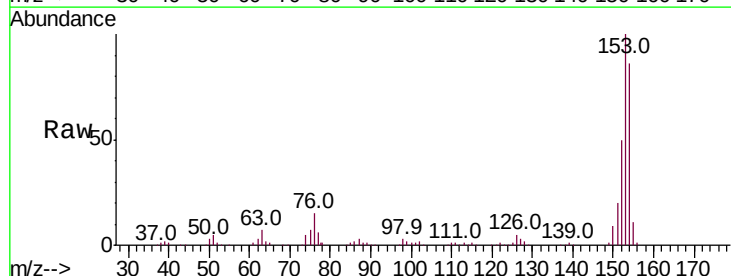
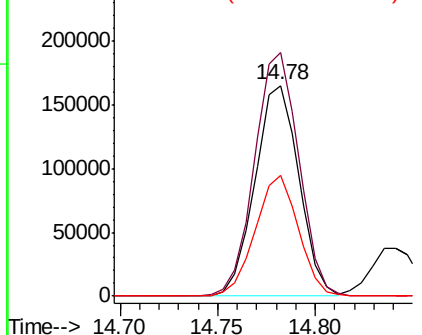
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

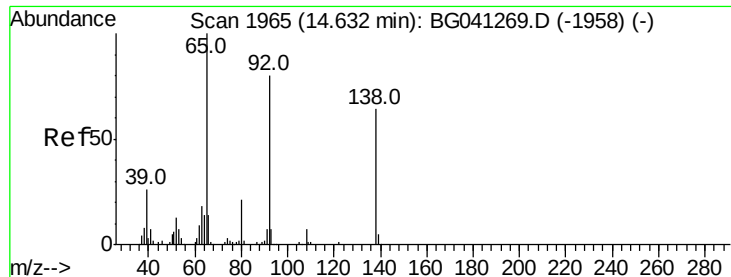


#52
Acenaphthene
Concen: 44.803 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.7	96.6	145.0
152	57.4	45.5	68.3

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





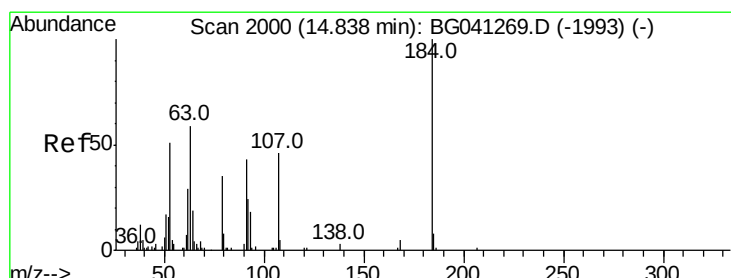
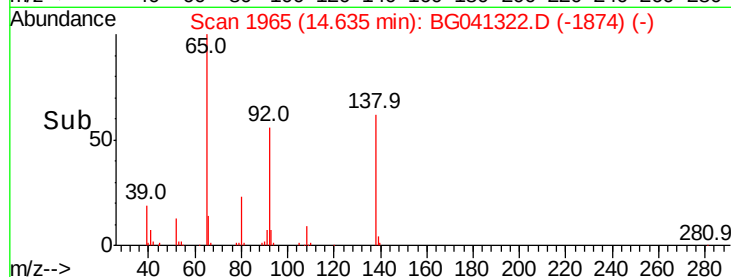
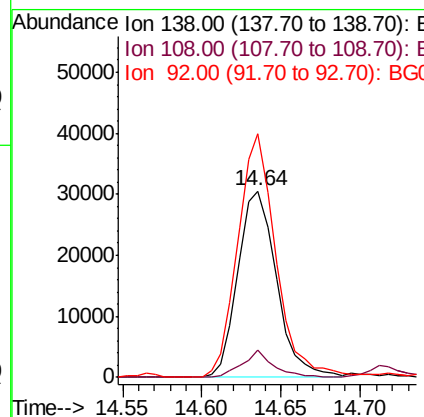
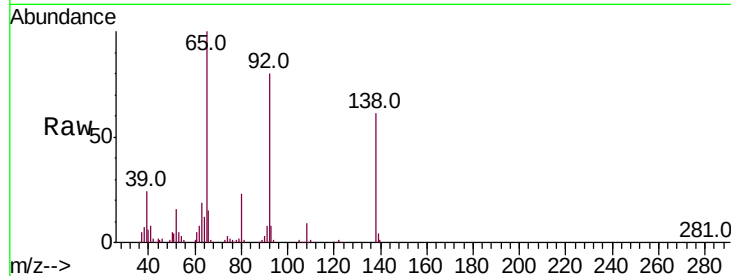
#53
3-Nitroaniline
Concen: 28.272 ng
RT: 14.64 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.9	8.3	12.5#
92	130.8	100.2	150.4

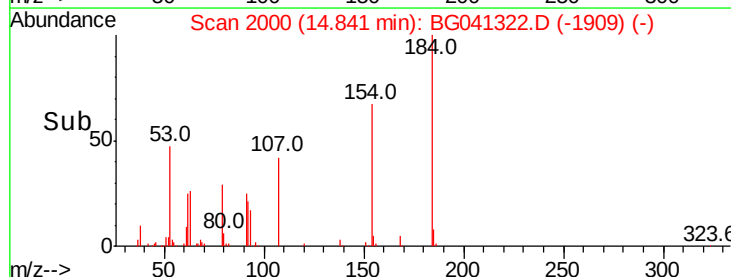
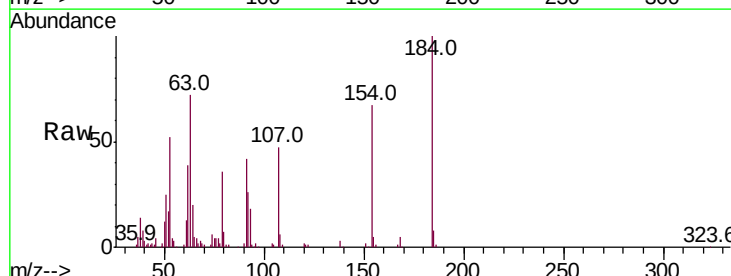
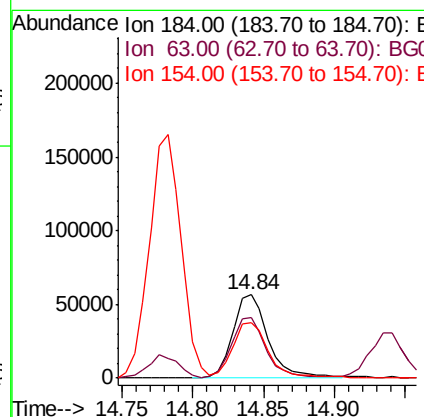
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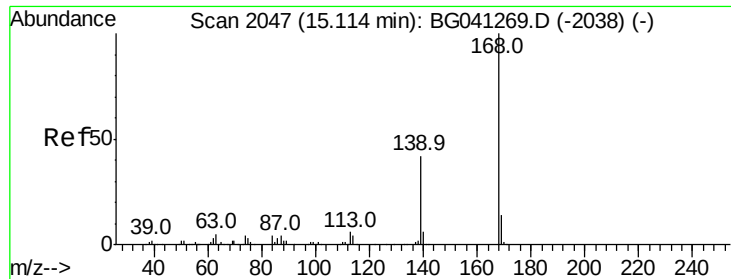
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#54
2,4-Dinitrophenol
Concen: 73.557 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.4	60.0	90.0
154	66.6	58.3	87.5





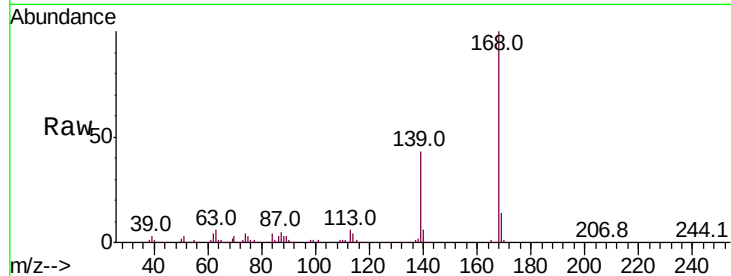
#55
Dibenzenofuran
Concen: 46.091 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	33.6	50.4
169	14.3	10.8	16.2

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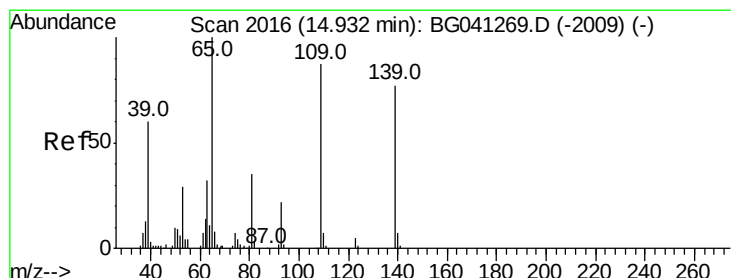
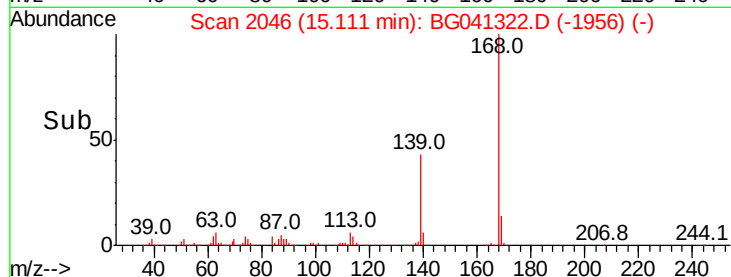
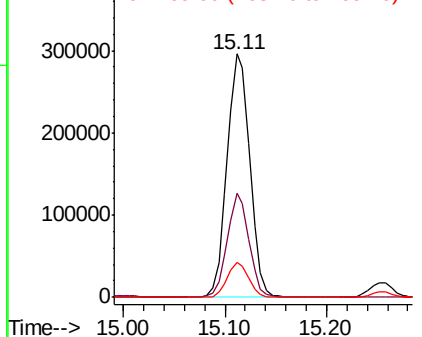


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 91.702 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

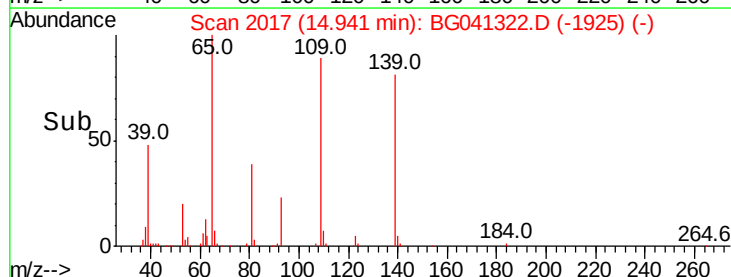
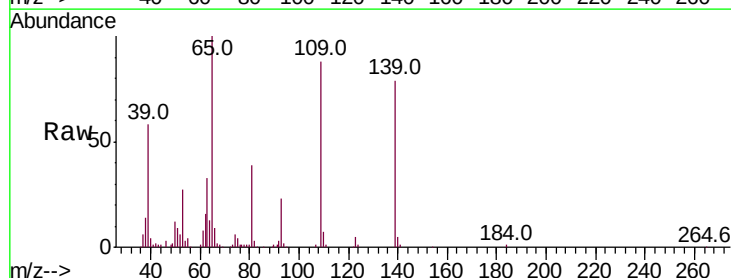
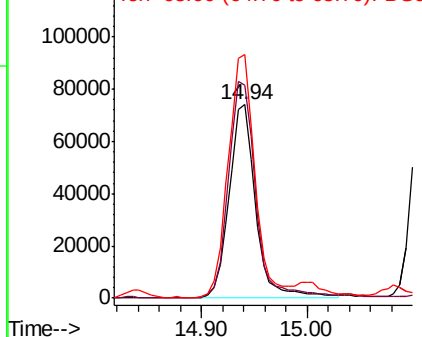
Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.4	93.2	133.2
65	126.1	110.2	150.2

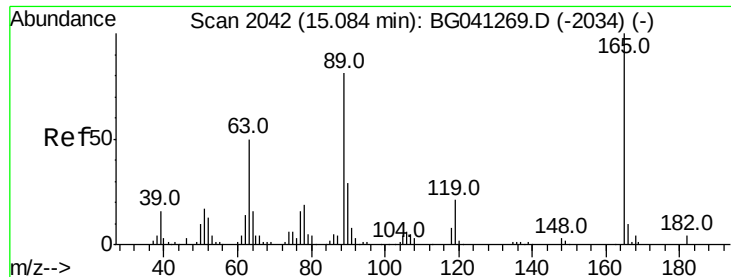
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





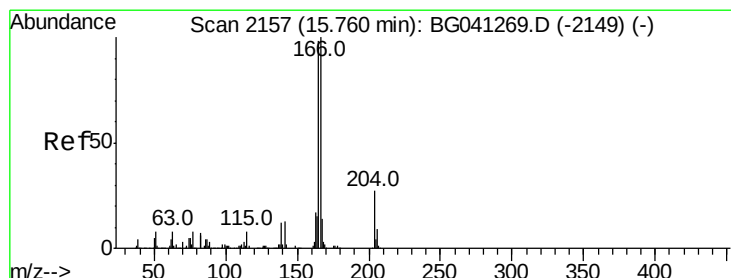
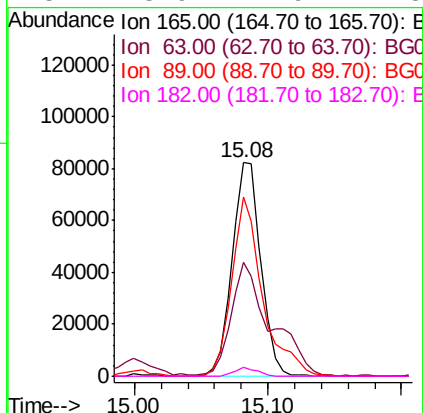
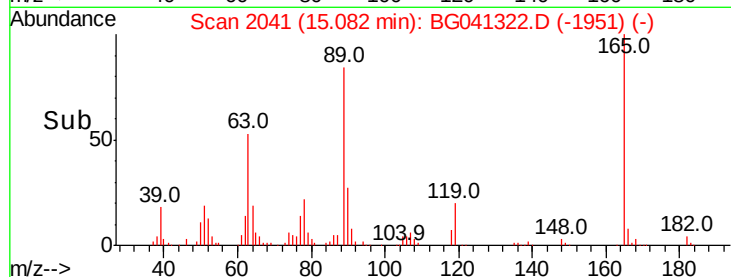
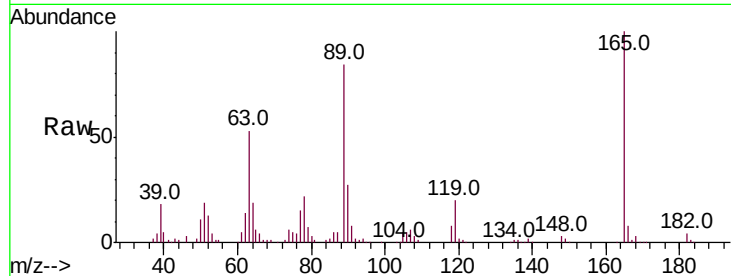
#57
 2,4-Dinitrotoluene
 Concen: 45.388 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123315		
63	53.5	40.0	60.0	
89	84.1	64.6	96.8	
182	3.9	2.9	4.3	

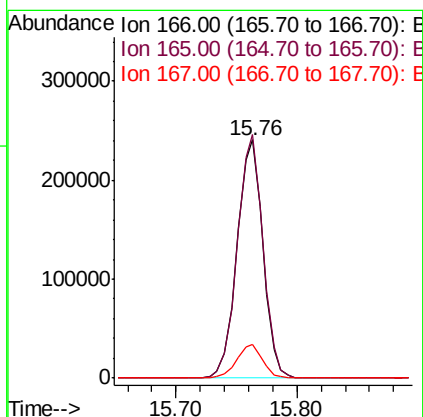
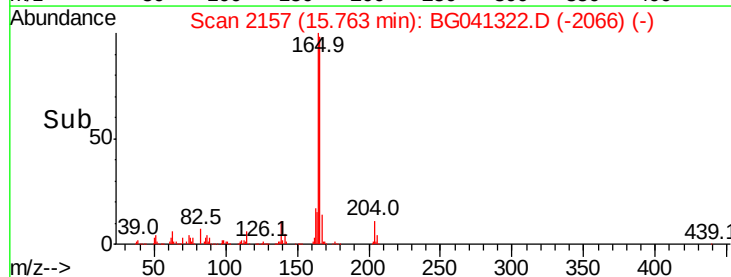
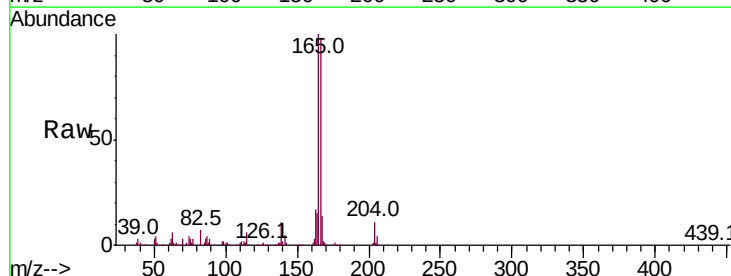
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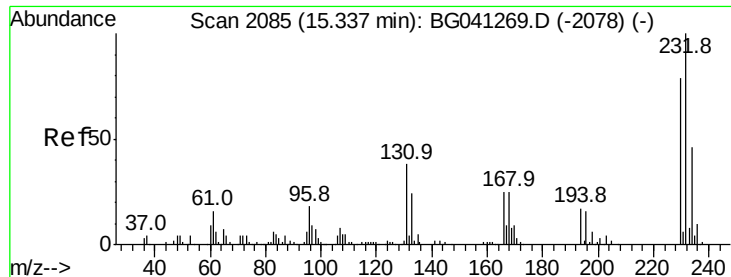
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#58
 Fluorene
 Concen: 45.821 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	360077		
165	102.1	78.8	118.2	
167	14.1	11.3	16.9	





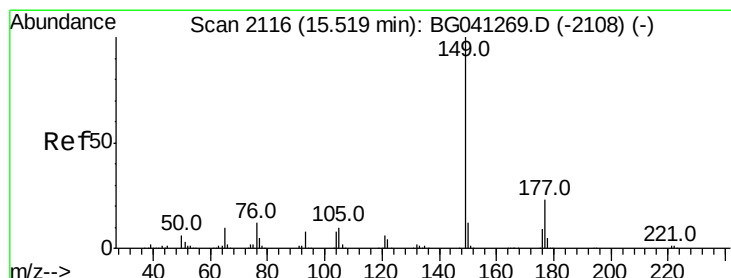
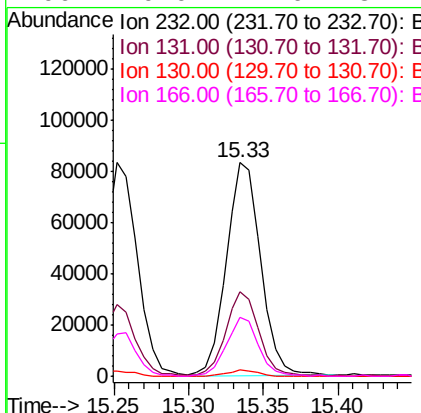
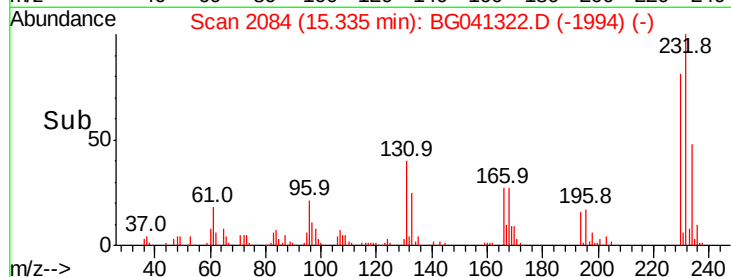
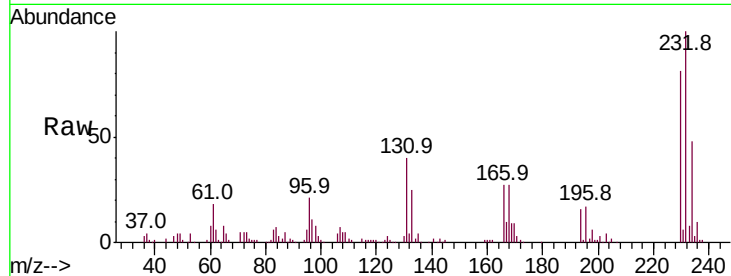
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.423 ng
 RT: 15.33 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	133080		
131	37.7		29.0	43.6
130	2.7		1.6	2.4
166	26.0		21.0	31.4

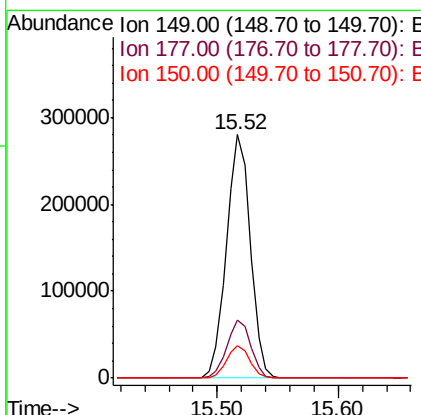
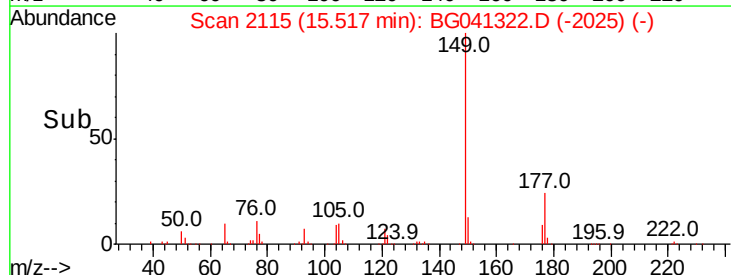
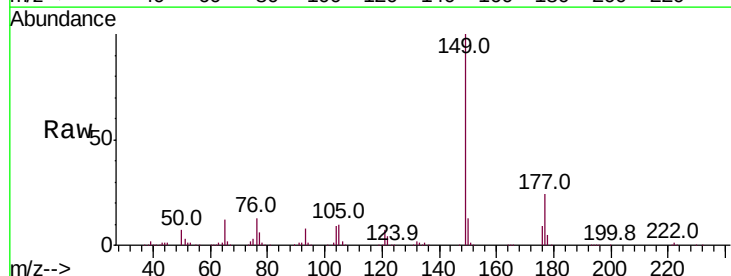
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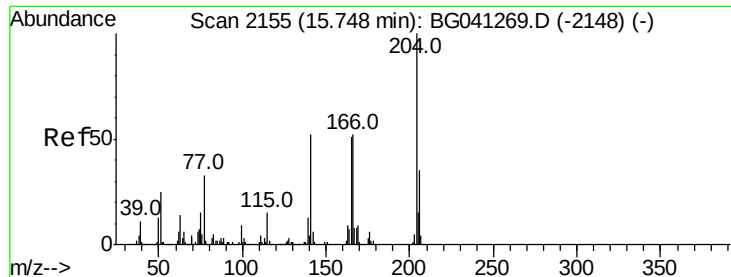
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#60
 Diethylphthalate
 Concen: 42.941 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	384726		
177	23.6		18.4	27.6
150	13.1		9.9	14.9





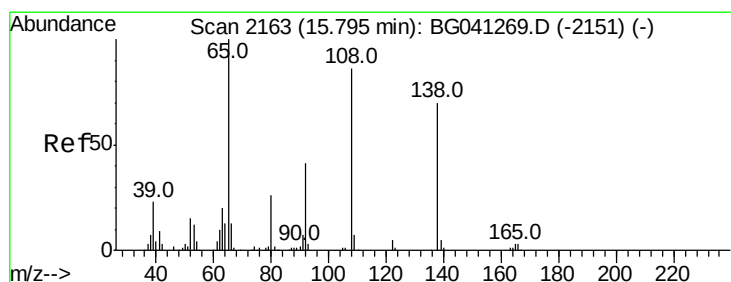
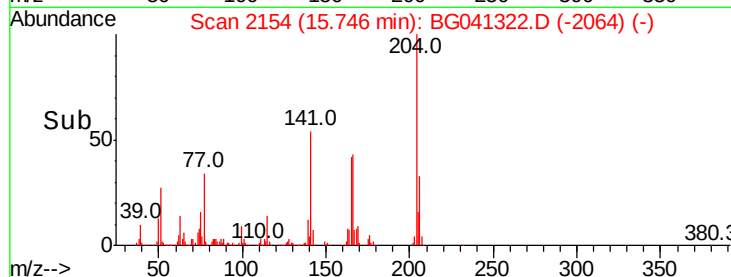
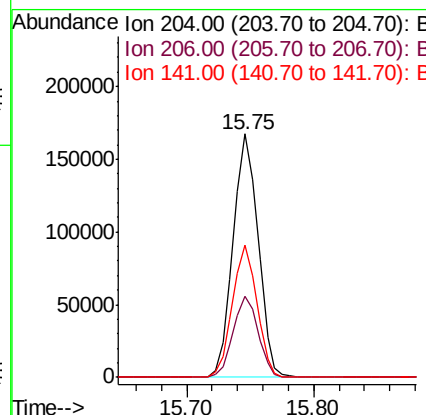
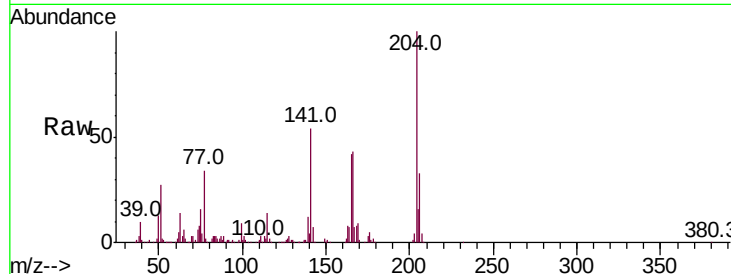
#61
4-Chlorophenyl-phenylether
Concen: 44.654 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.9	41.9
141	54.2	41.4	62.0

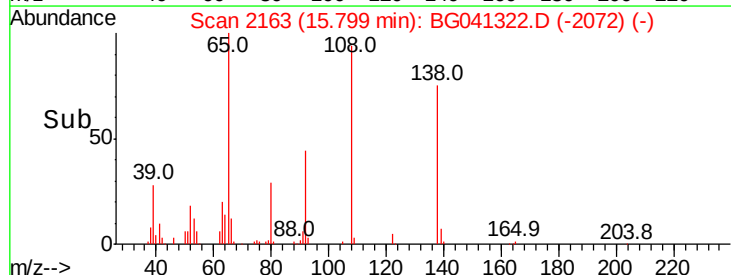
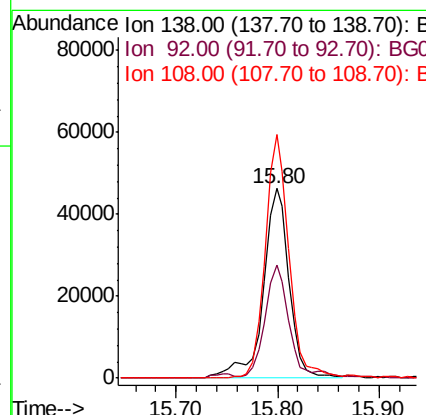
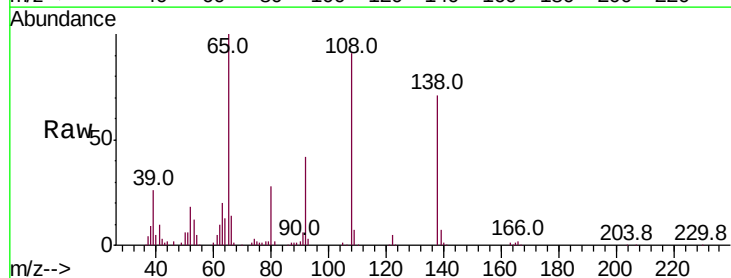
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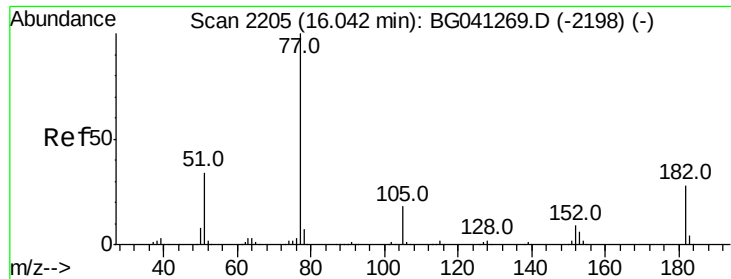
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#62
4-Nitroaniline
Concen: 41.850 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.3	38.8	78.8
108	128.4	103.4	143.4





#63

Azobenzene

Concen: 45.506 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

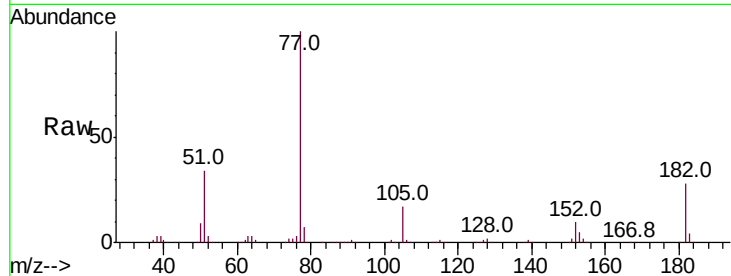
ClientSampleId :

PB120669BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.5	47.5
105	17.4	0.0	37.7
51	33.8	14.6	54.6

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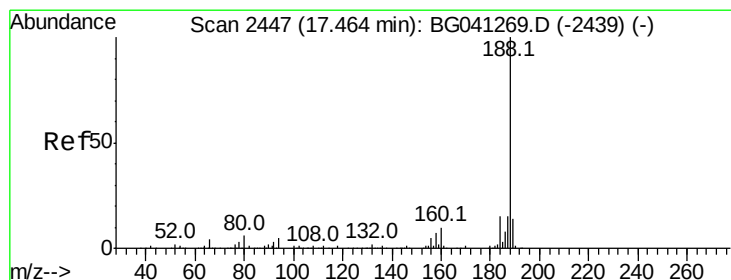
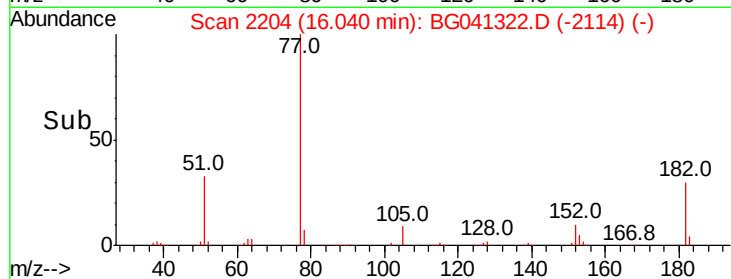
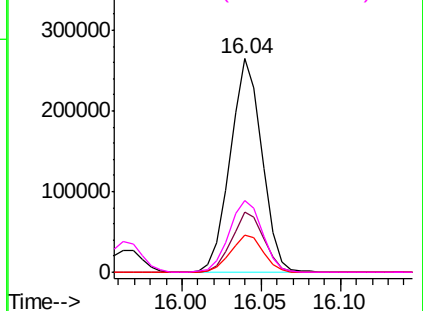
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

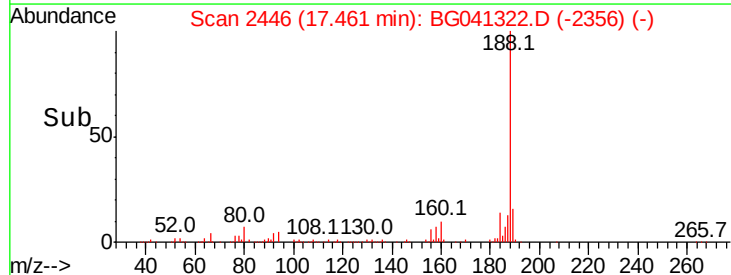
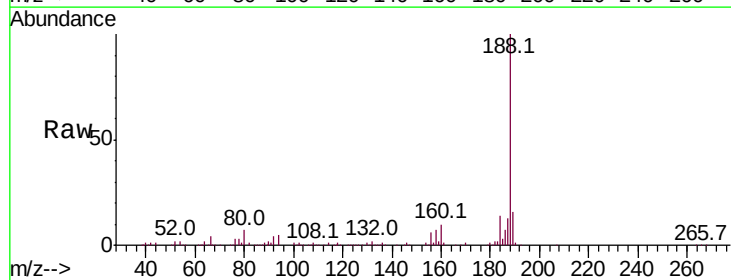
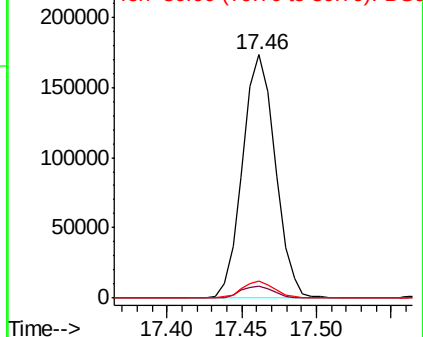
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	7.0	4.8	7.2

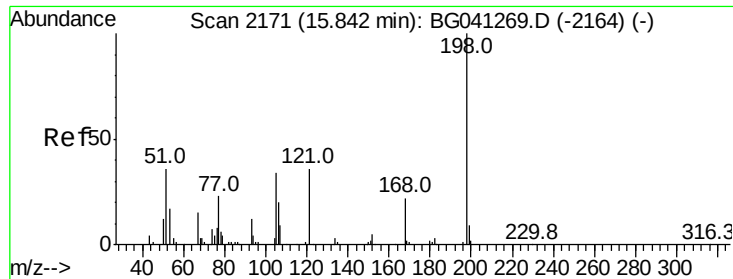
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.768 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

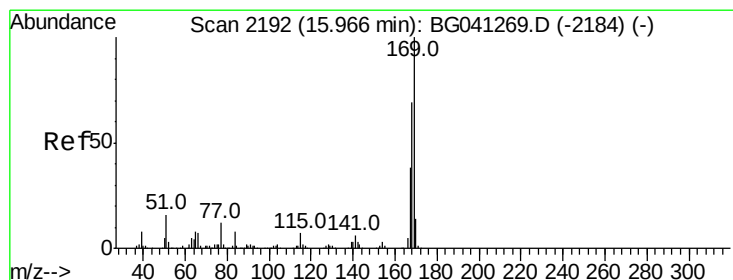
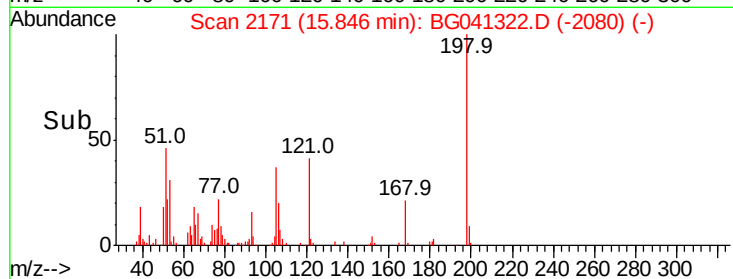
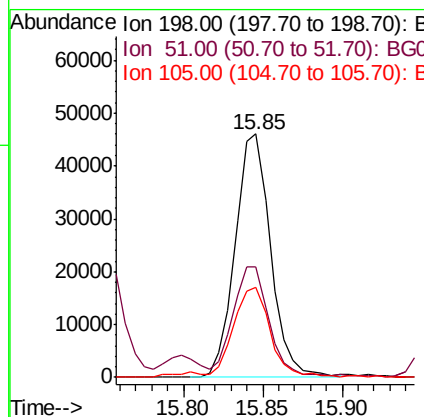
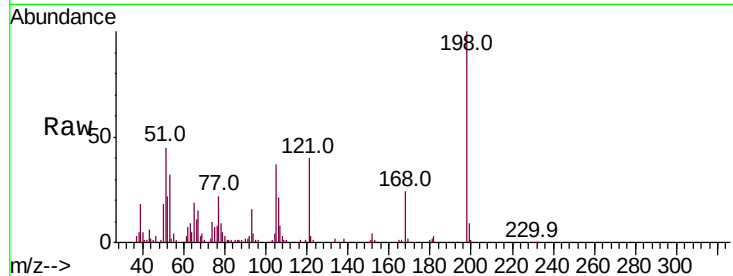
ClientSampleId :

PB120669BS

Tot Ion:	198	Resp:	71547
Ion Ratio	Lower	Upper	
198	100		
51	45.5	23.4	63.4
105	36.8	15.8	55.8

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#66

n-Nitrosodiphenylamine

Concen: 46.935 ng

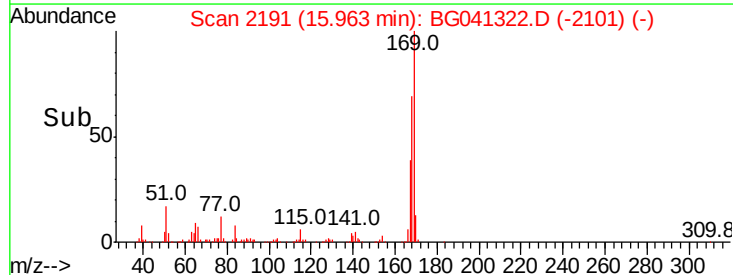
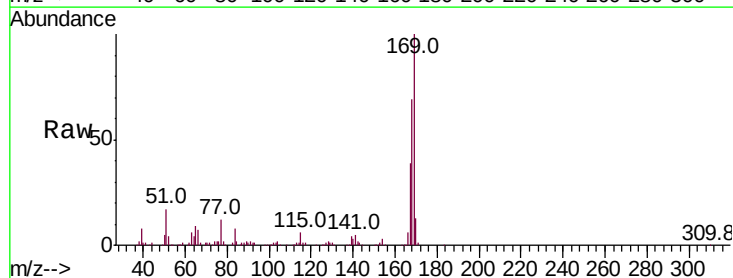
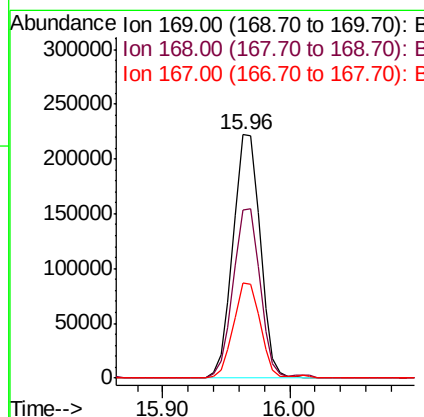
RT: 15.96 min Scan# 2191

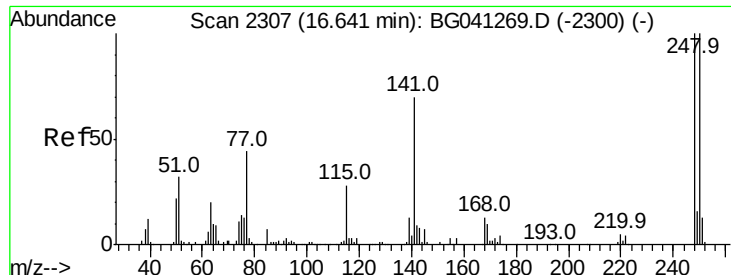
Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	169	Resp:	328892
Ion Ratio	Lower	Upper	
169	100		
168	68.9	55.2	82.8
167	38.9	30.4	45.6





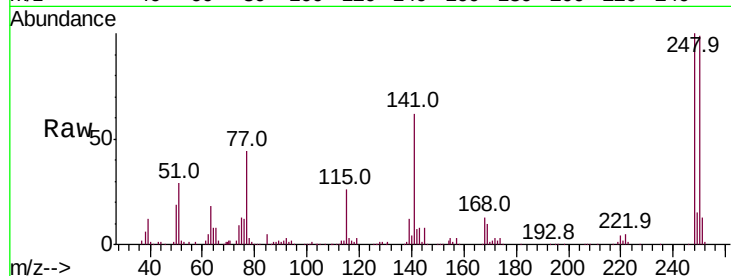
#67
 4-Bromophenyl-phenylether
 Concen: 44.109 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	79.8	119.8
141	61.9	55.8	83.6

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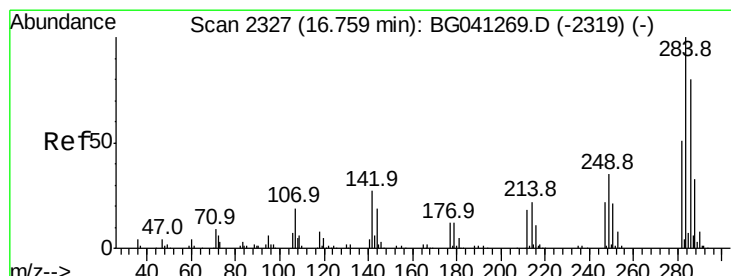
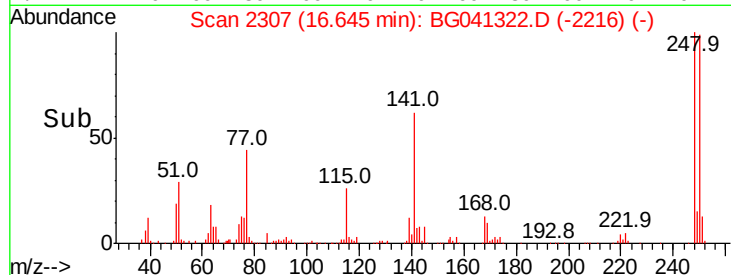
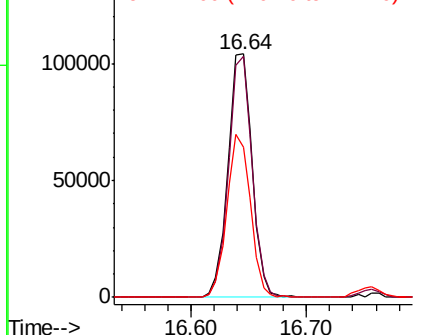


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.441 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

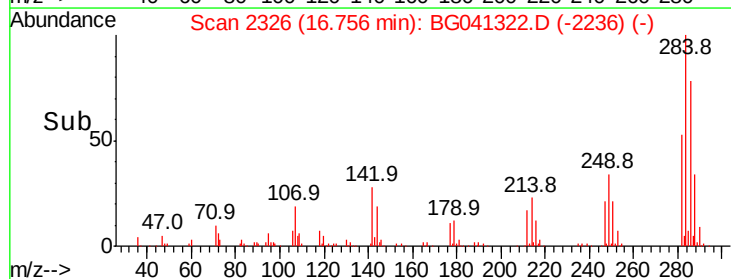
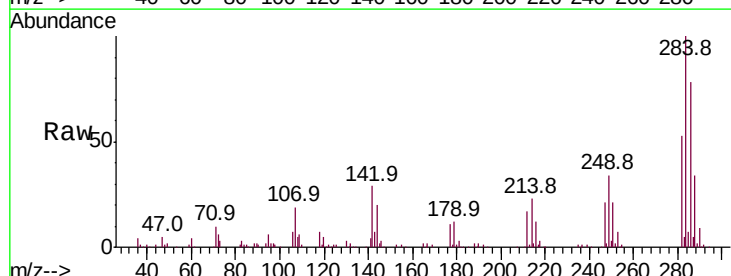
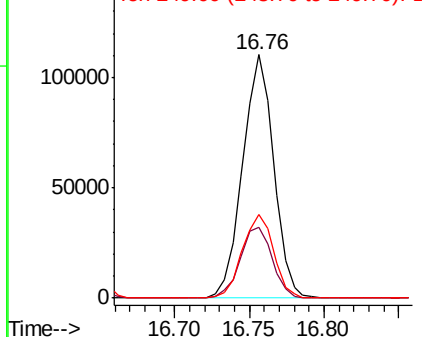
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	21.8	32.8
249	34.4	27.8	41.6

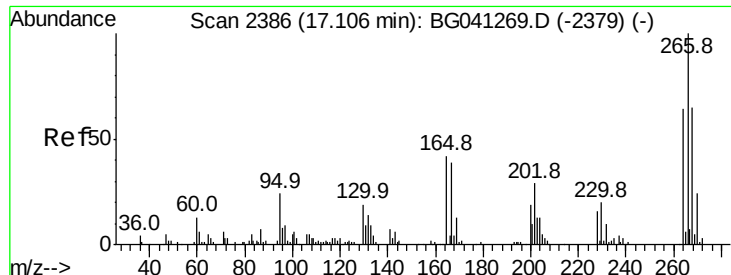
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





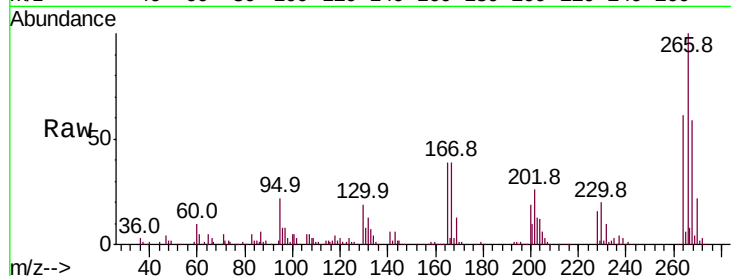
#70
 Pentachlorophenol
 Concen: 97.423 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182289		
268	58.5	52.0	78.0	
264	61.4	51.2	76.8	

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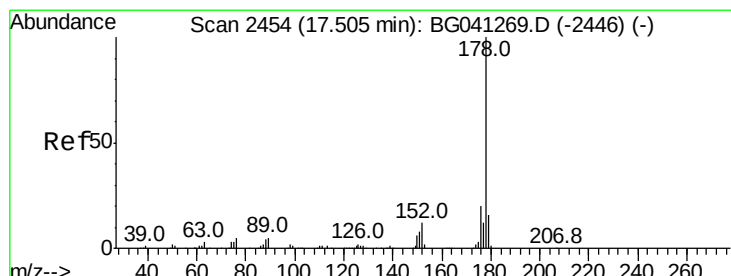
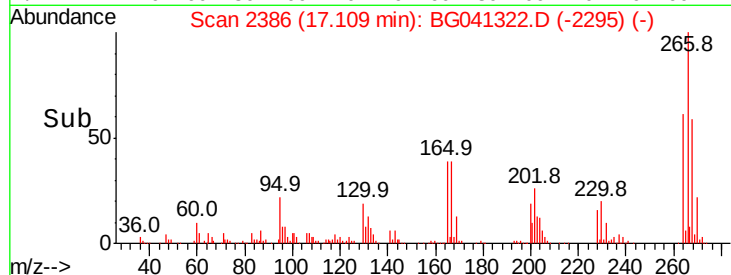
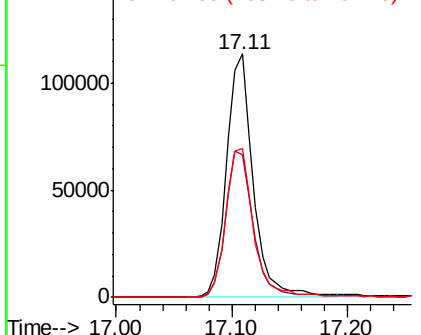


Abundance

Ion 265.70 (265.40 to 266.40): E

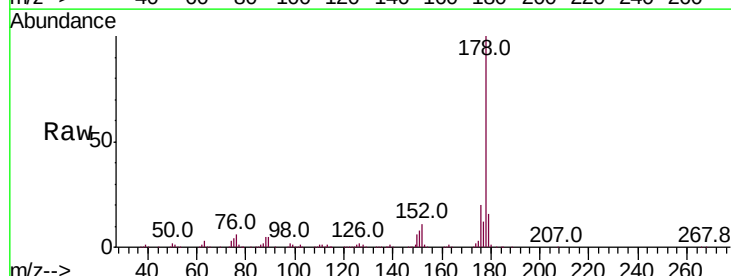
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 44.997 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	633337		
176	19.9	16.1	24.1	
179	16.2	12.9	19.3	

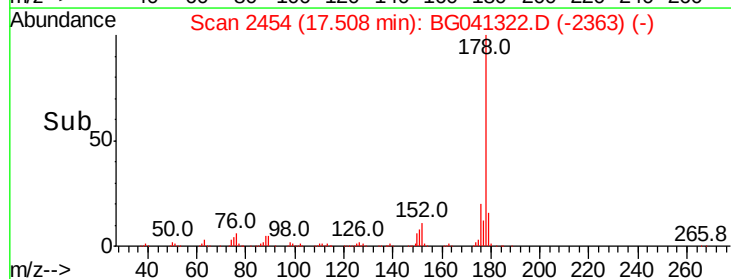
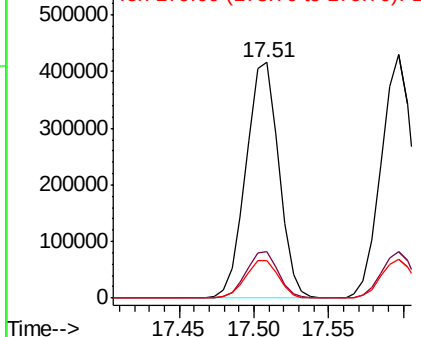


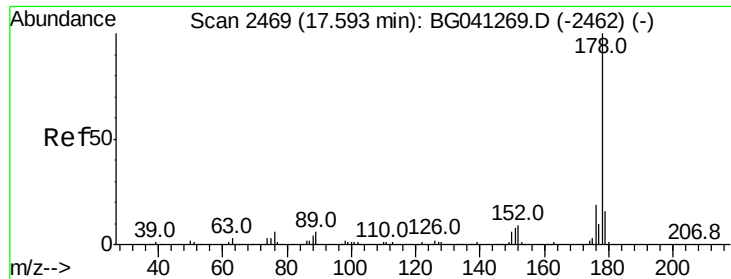
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 46.784 ng

RT: 17.60 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

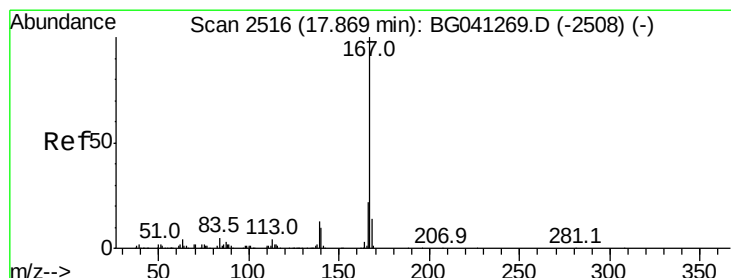
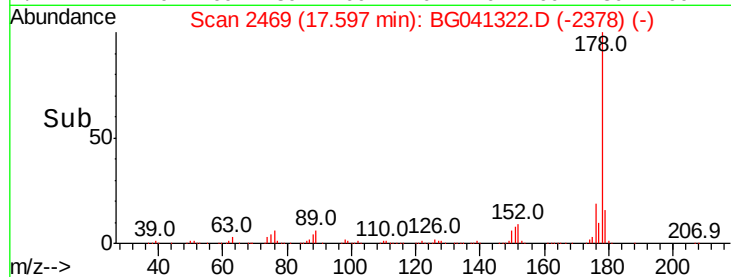
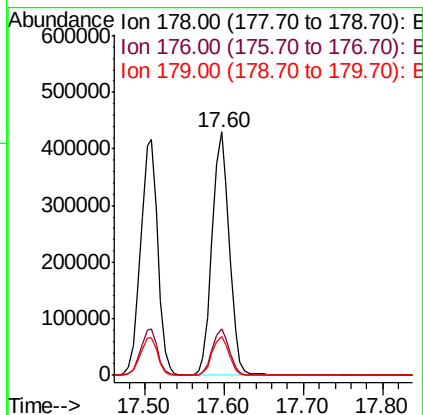
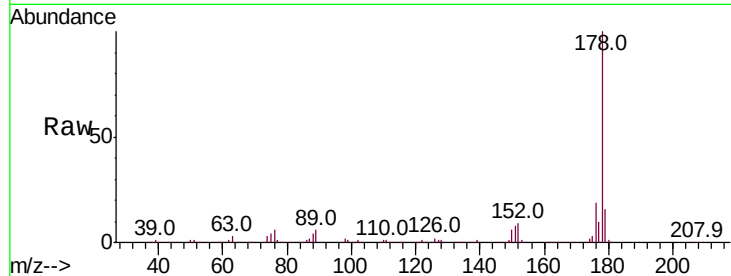
ClientSampleId :

PB120669BS

Tot Ion:	178	Resp:	649182
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	16.2	13.0	19.4

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#73

Carbazole

Concen: 46.063 ng

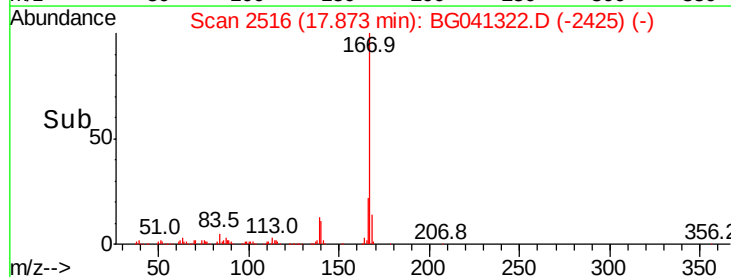
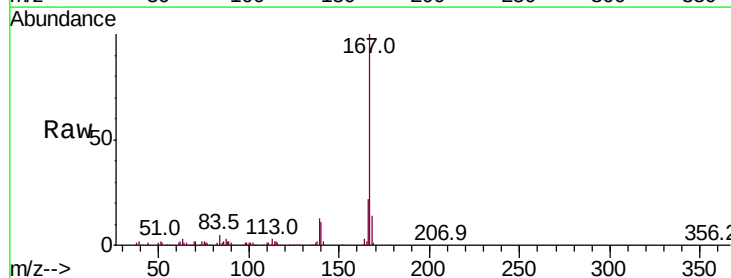
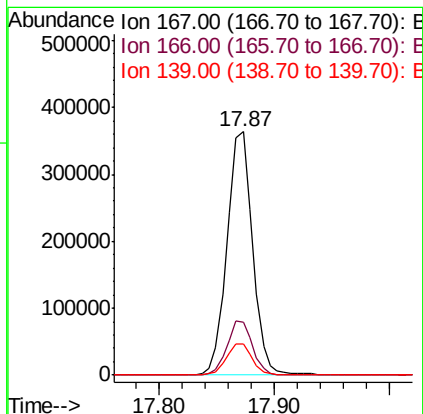
RT: 17.87 min Scan# 2516

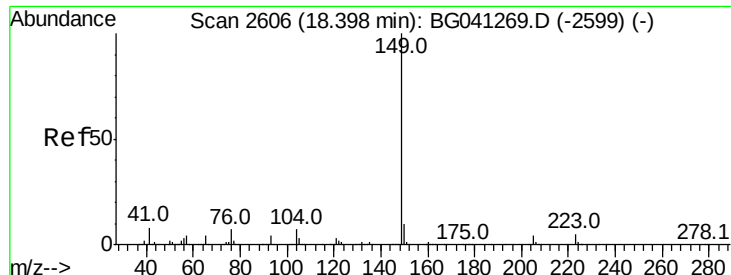
Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	167	Resp:	559138
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.9	26.9
139	13.0	10.7	16.1





#74

Di-n-butylphthalate

Concen: 44.061 ng

RT: 18.40 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

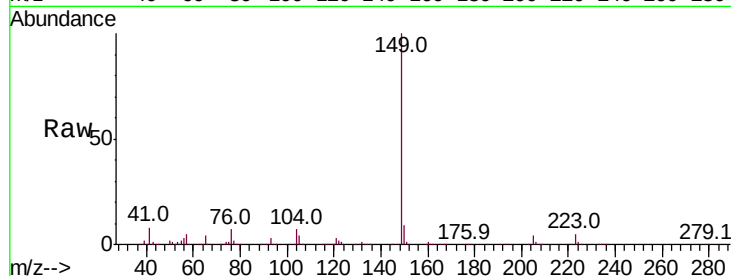
ClientSampleId :

PB120669BS

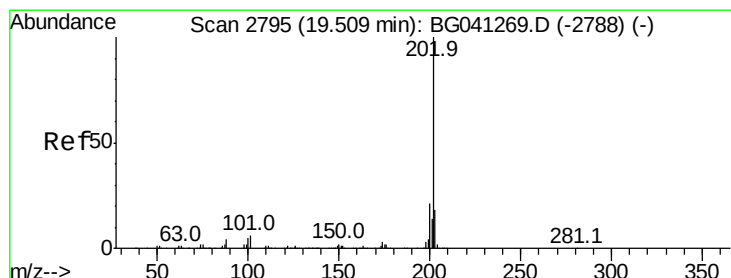
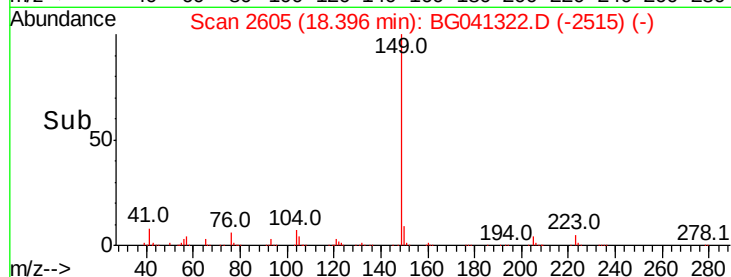
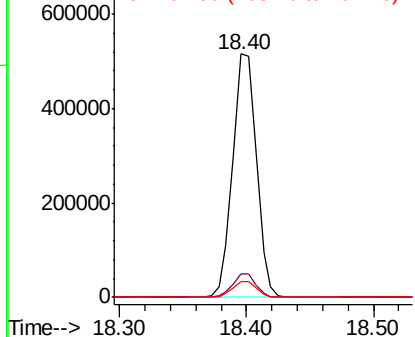
Tot Ion:	149	Resp:	667343
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	6.6	5.4	8.0

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



#75

Fluoranthene

Concen: 44.965 ng

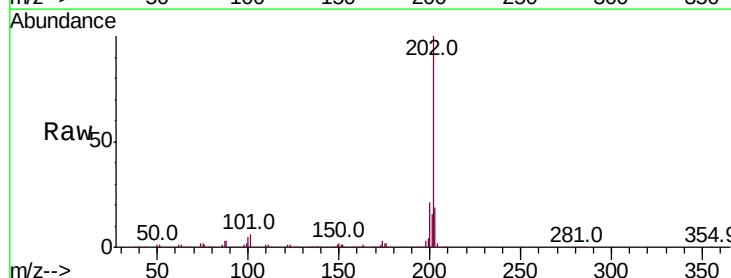
RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

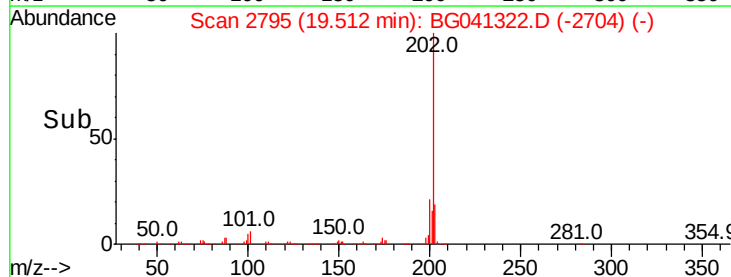
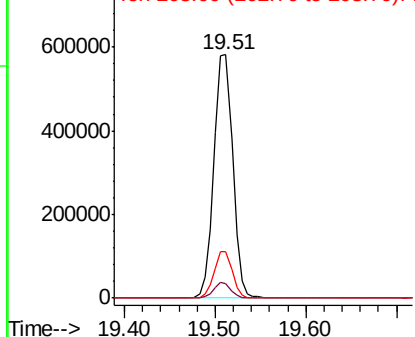
Lab File: BG041322.D

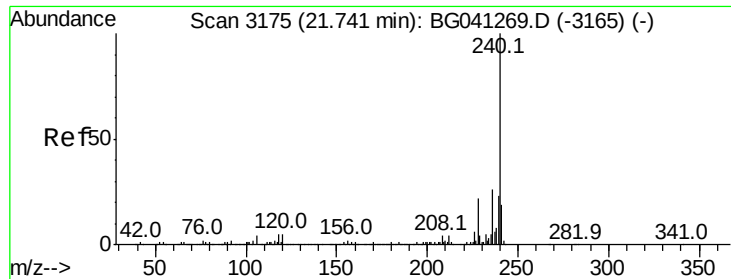
Acq: 19 Jun 2019 11:15

Tgt Ion:	202	Resp:	840802
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	26.0
203	19.0	0.0	37.7



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





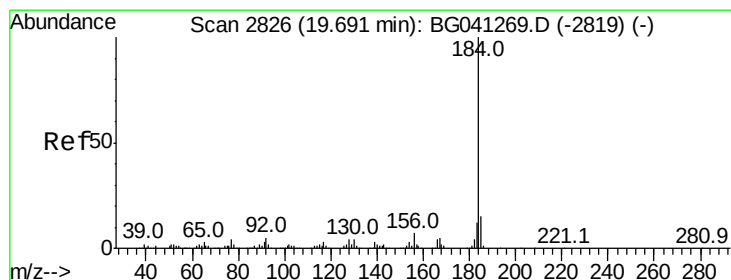
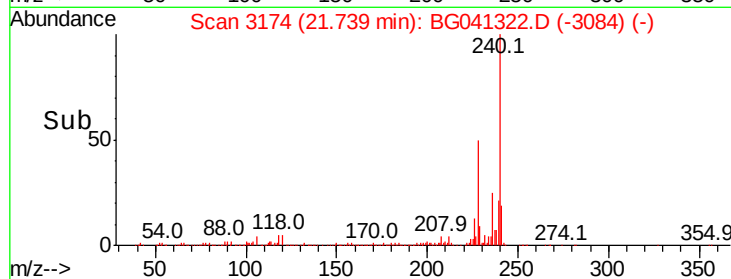
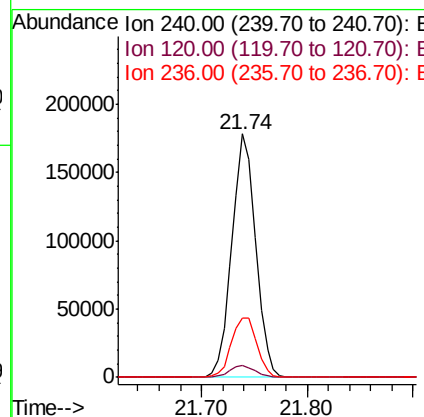
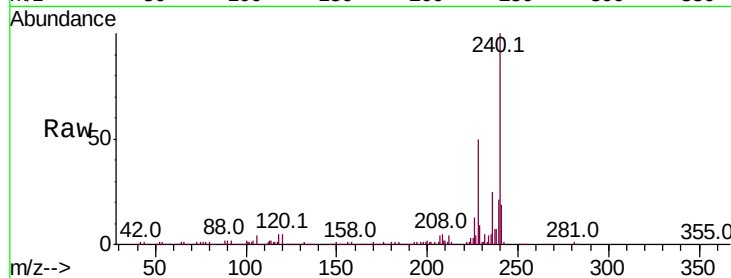
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	24.5	21.1	31.7

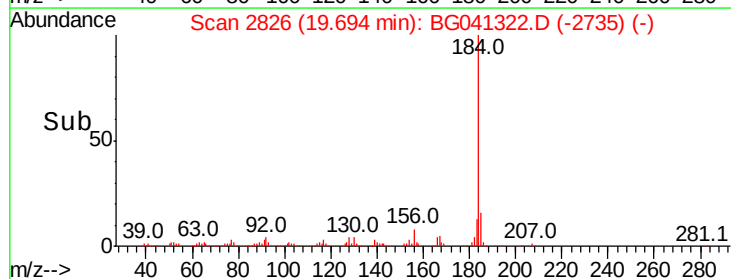
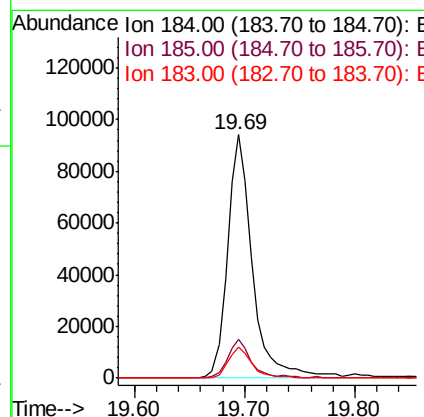
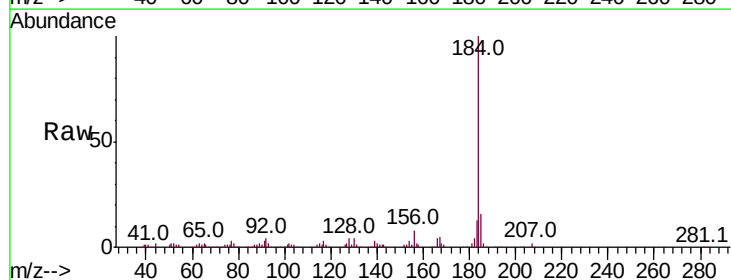
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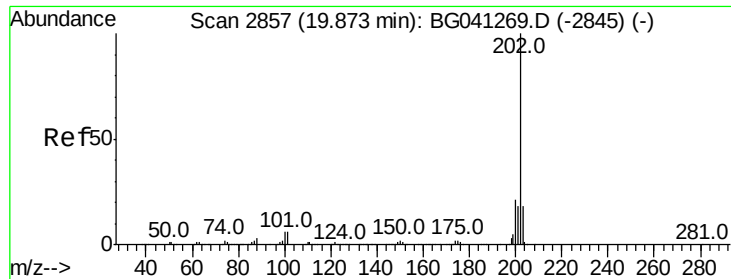
mohammad
6/21/2019 9:57:25 PM



#77
Benzidine
Concen: 22.047 ng
RT: 19.69 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.2
183	12.5	9.6	14.4





#78

Pvrene

Concen: 44.918 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

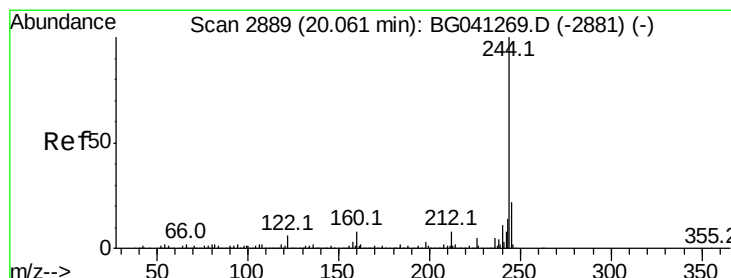
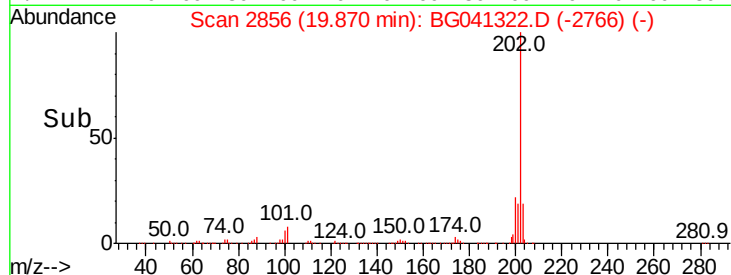
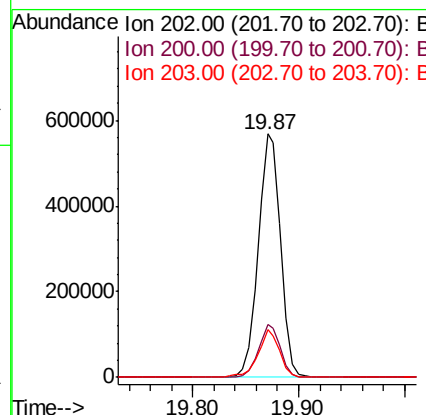
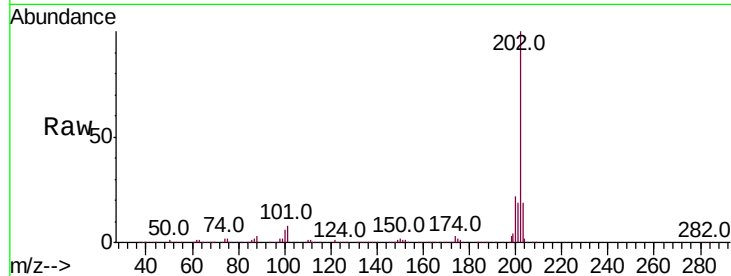
ClientSampleId :

PB120669BS

Tot Ion:	202	Resp:	840298
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.8	25.2
203	19.4	14.6	21.8

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#79

Terphenyl-d14

Concen: 92.942 ng

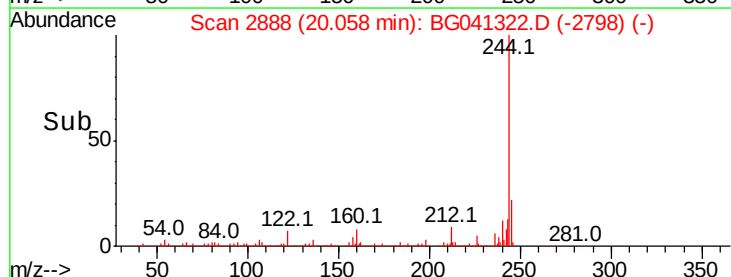
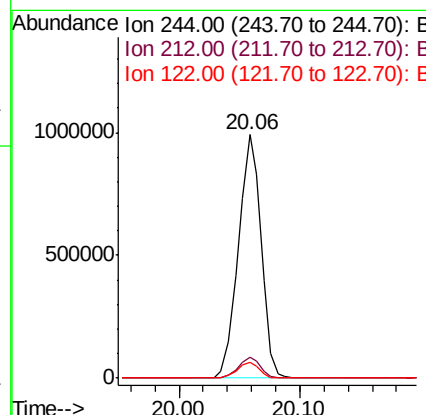
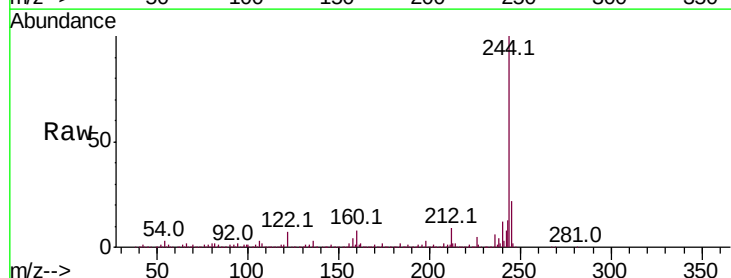
RT: 20.06 min Scan# 2888

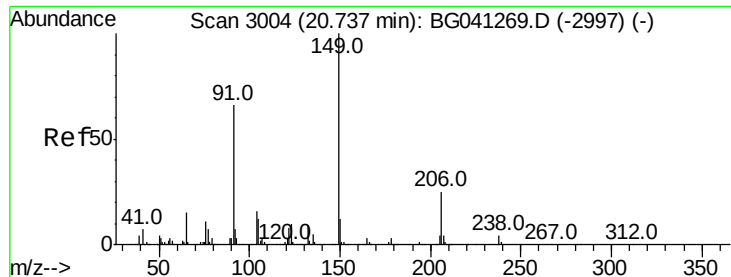
Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	244	Resp:	1300890
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.6	10.0
122	6.7	5.0	7.4





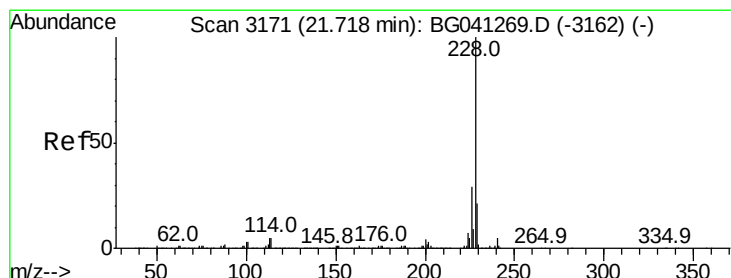
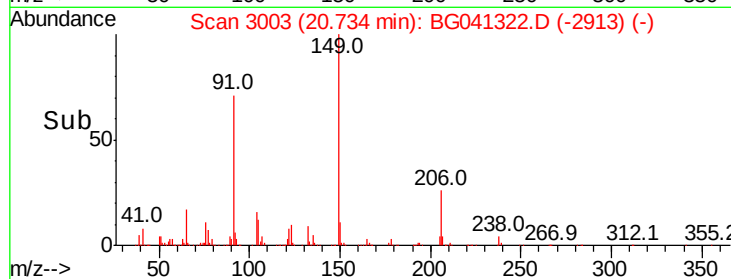
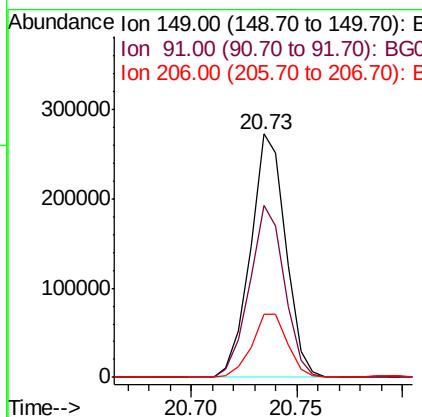
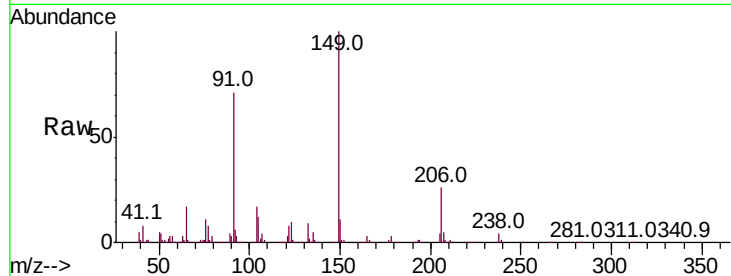
#80
Butylbenzylphthalate
Concen: 44.651 ng
RT: 20.73 min Scan# 3003
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.7	53.2	79.8
206	25.7	20.3	30.5

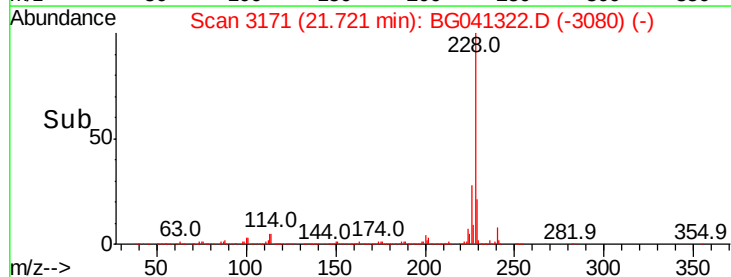
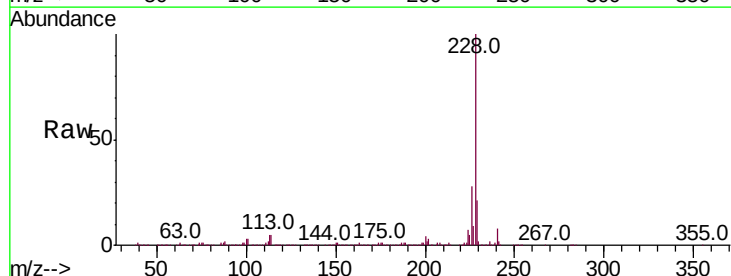
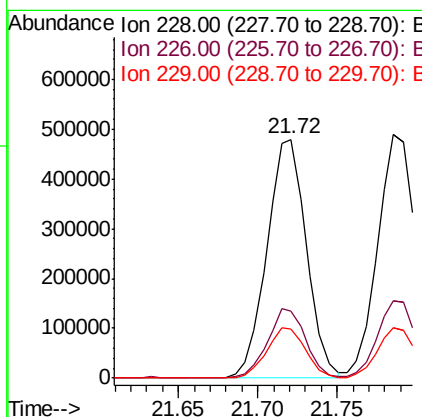
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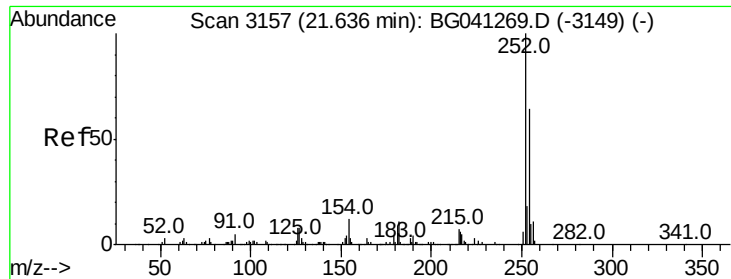
mohammad
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#81
Benzo(a)anthracene
Concen: 44.062 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.2	34.8
229	20.7	16.8	25.2





#82

3,3'-Dichlorobenzidine

Concen: 26.871 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

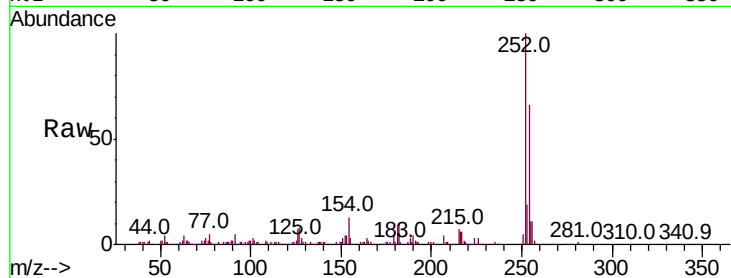
ClientSampleId :

PB120669BS

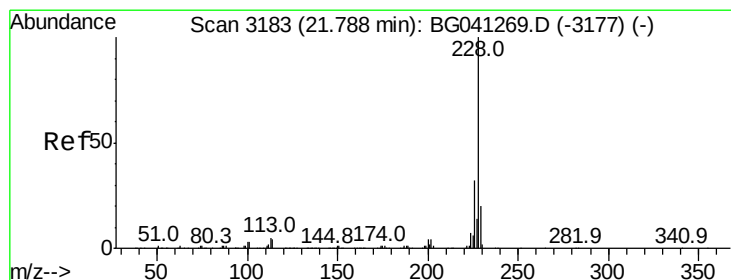
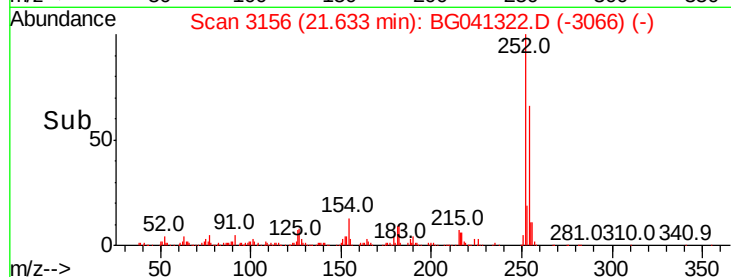
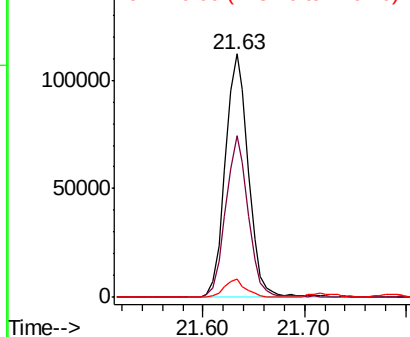
Tot Ion:	252	Resp:	177164
Ion Ratio	Lower	Upper	
252	100		
254	66.4	51.4	77.0
126	7.4	6.0	9.0

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
150000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 44.553 ng

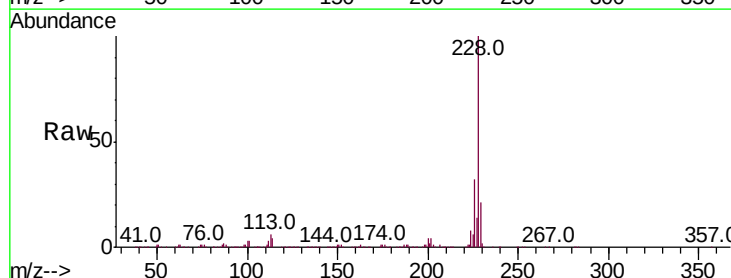
RT: 21.79 min Scan# 3182

Delta R.T. -0.00 min

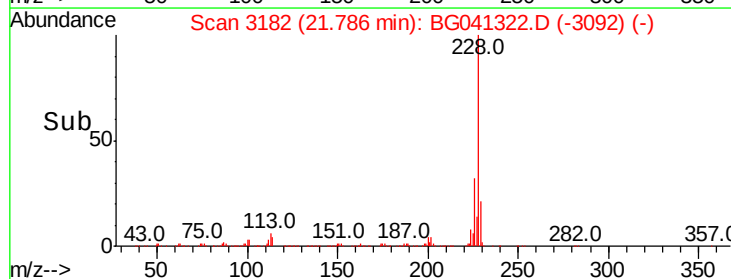
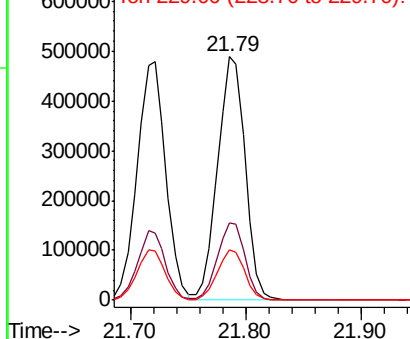
Lab File: BG041322.D

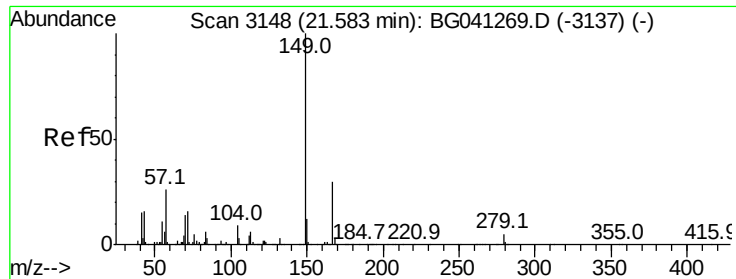
Acq: 19 Jun 2019 11:15

Tgt Ion:	228	Resp:	804723
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.4	38.0
229	20.9	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
600000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.996 ng

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Instrument :

BNA_G

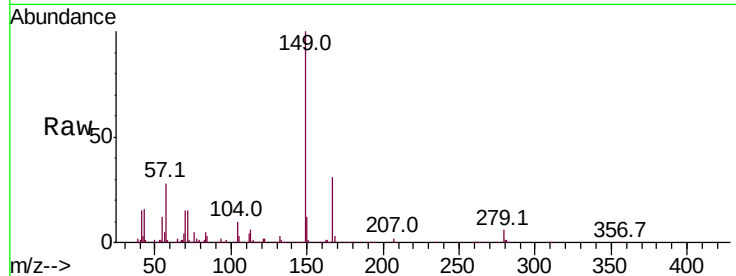
ClientSampleId :

PB120669BS

Tot Ion:	149	Resp:	433900
Ion Ratio	Lower	Upper	
149	100		
167	30.7	23.8	35.8
279	6.4	4.4	6.6

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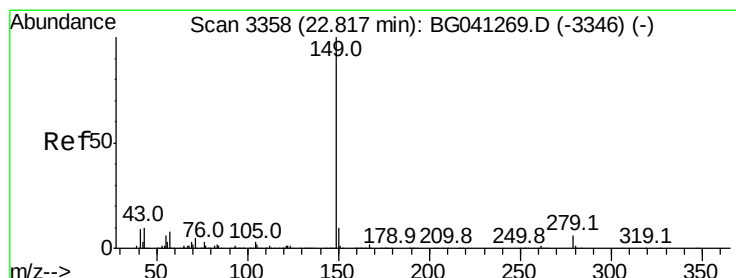
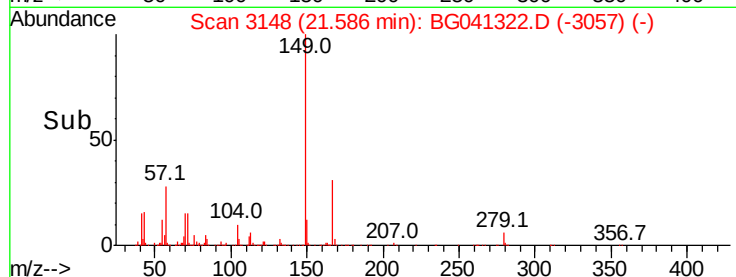
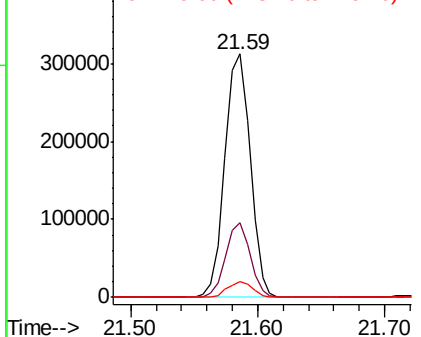


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 45.880 ng

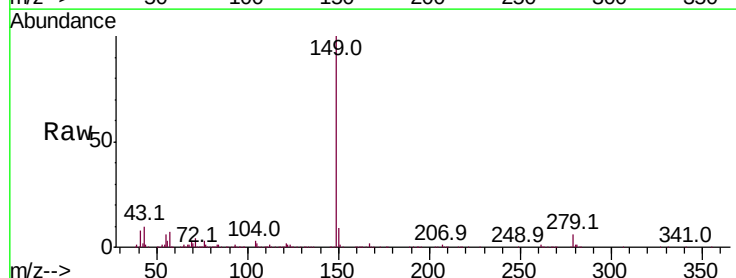
RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041322.D

Acq: 19 Jun 2019 11:15

Tgt Ion:	149	Resp:	748519
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.2	8.2	12.2

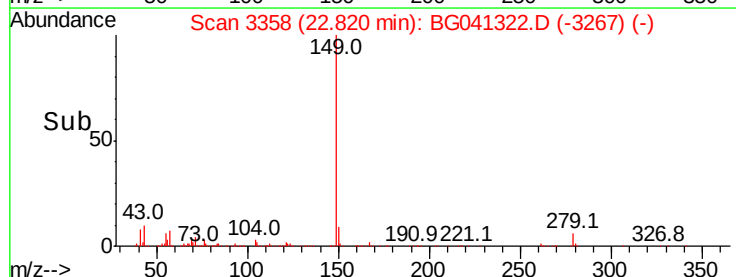
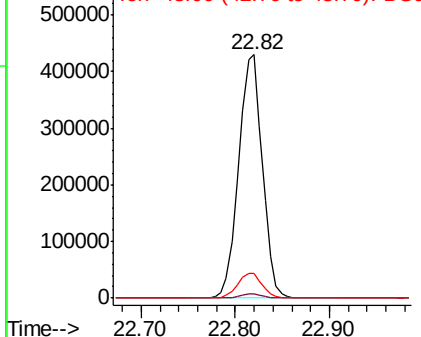


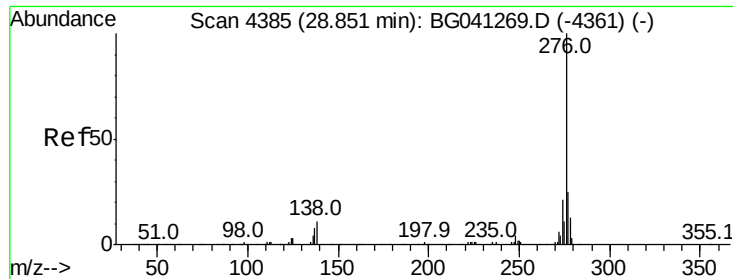
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





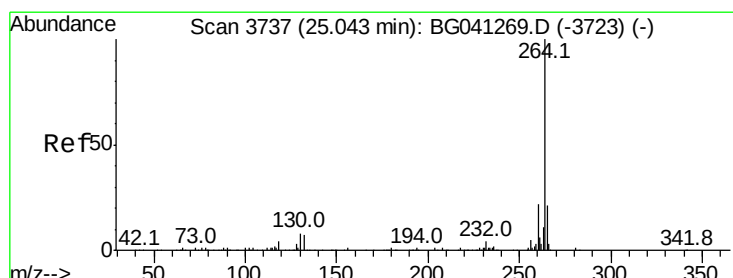
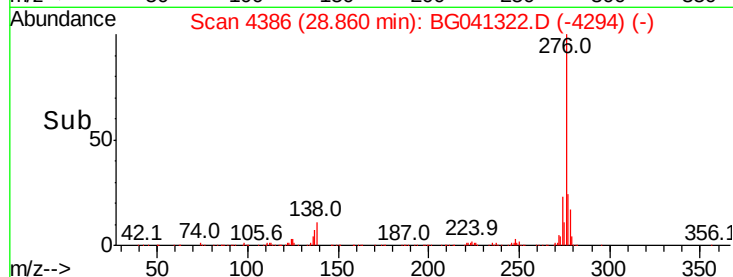
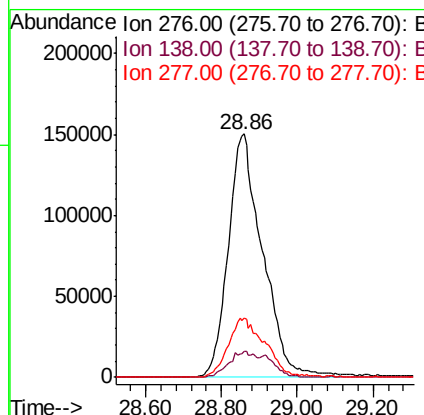
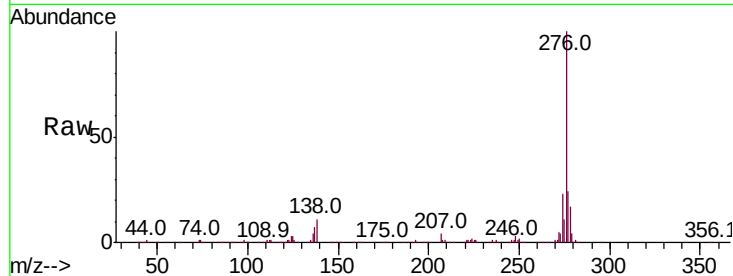
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.237 ng
RT: 28.86 min Scan# 4386
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.5	7.7	11.5
277	25.7	20.6	31.0

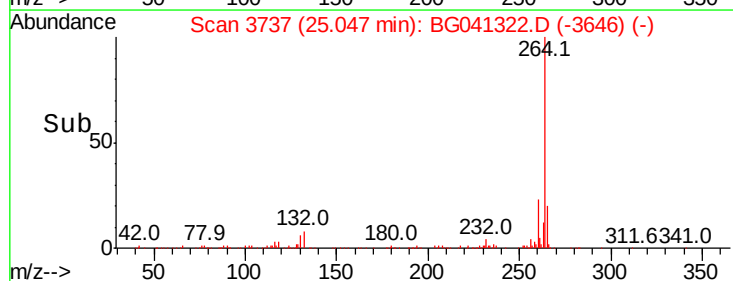
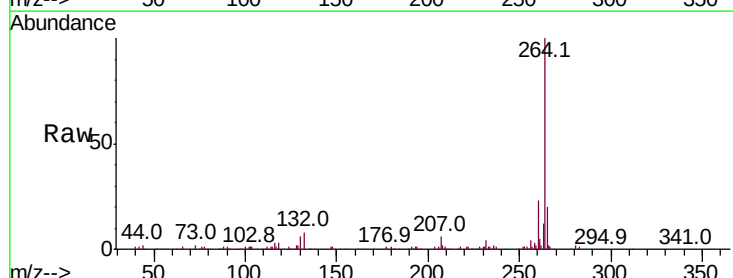
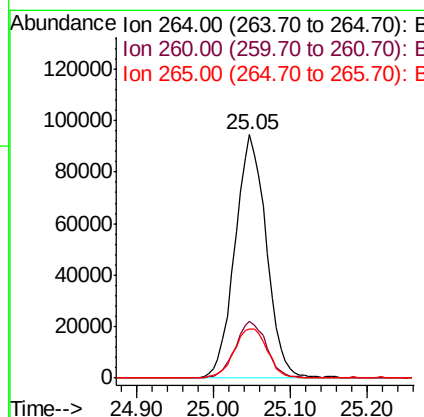
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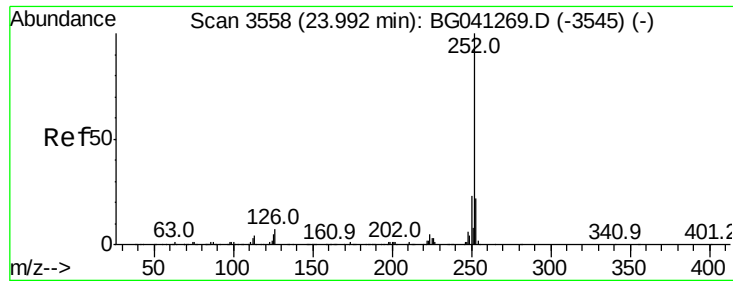
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.2
265	20.3	17.2	25.8





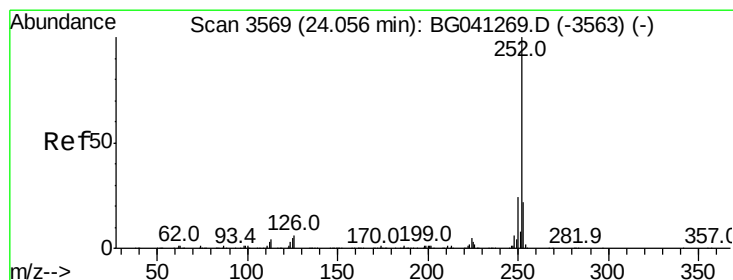
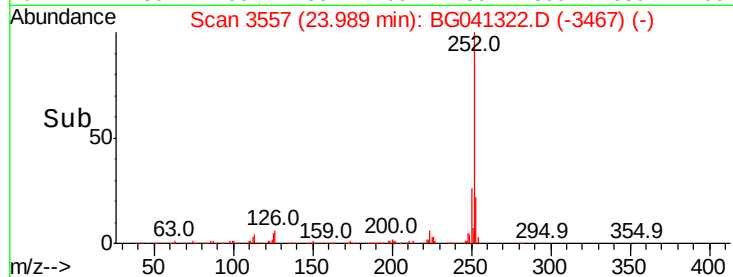
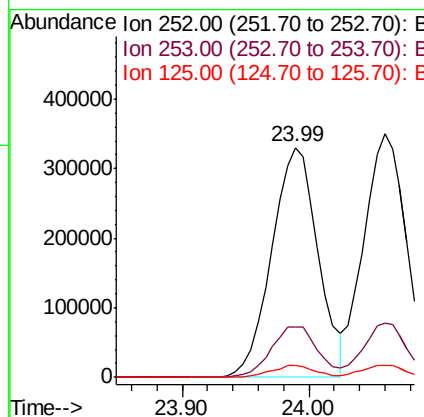
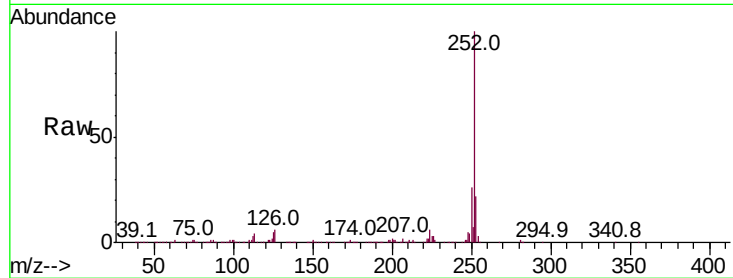
#88
Benzo(b)fluoranthene
Concen: 50.327 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	5.2	3.9	5.9

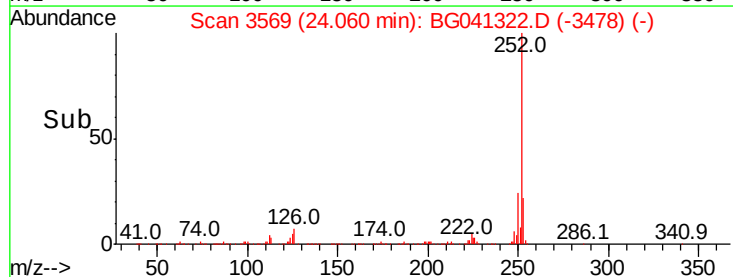
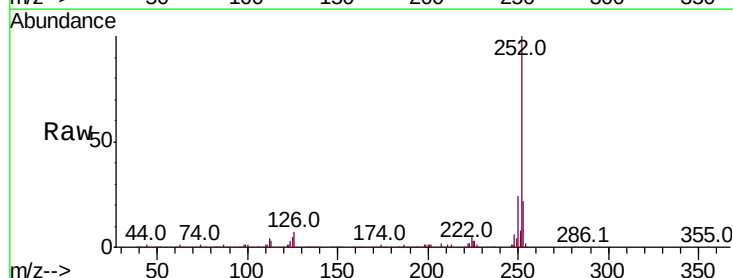
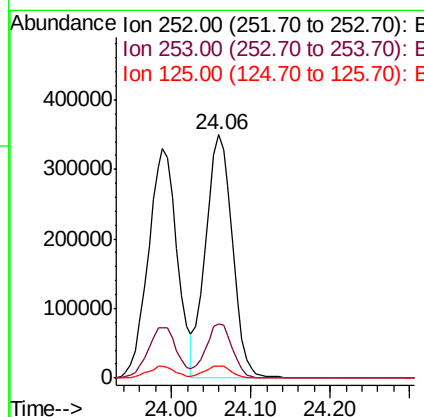
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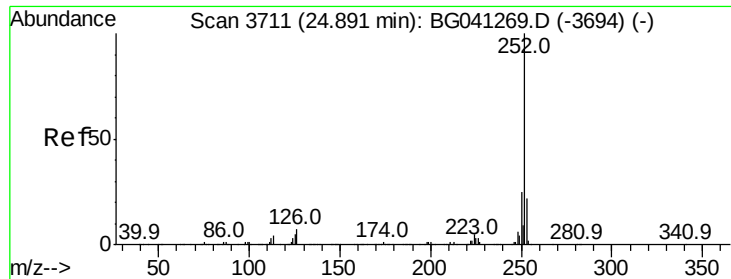
mohammad
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#89
Benzo(k)fluoranthene
Concen: 49.650 ng
RT: 24.06 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	4.9	4.3	6.5





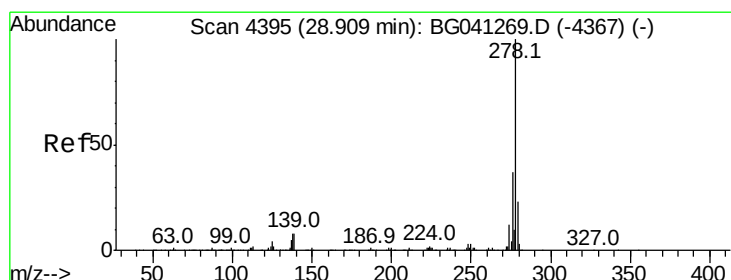
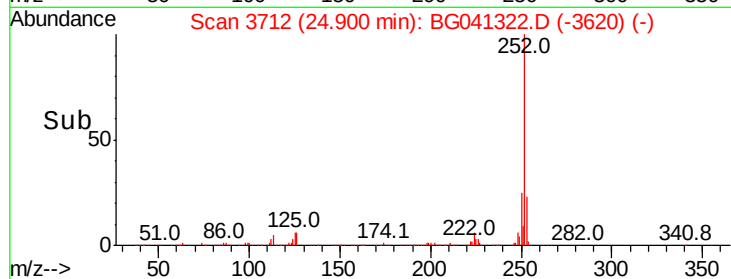
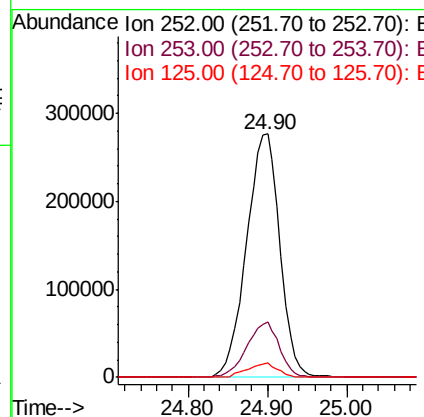
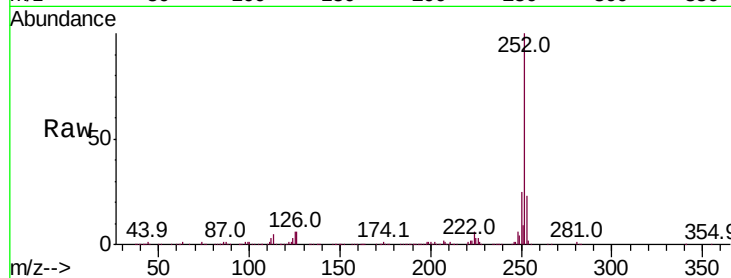
#90
Benzo(a)pyrene
Concen: 51.237 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	5.8	4.2	6.4

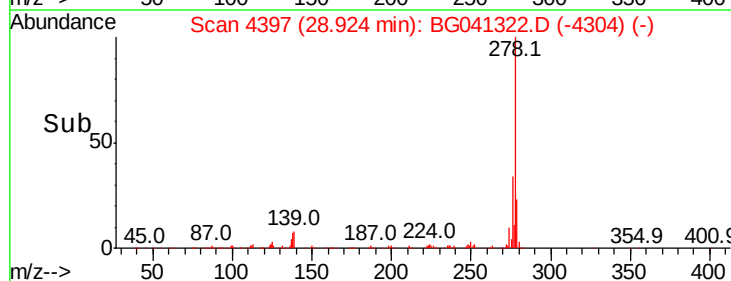
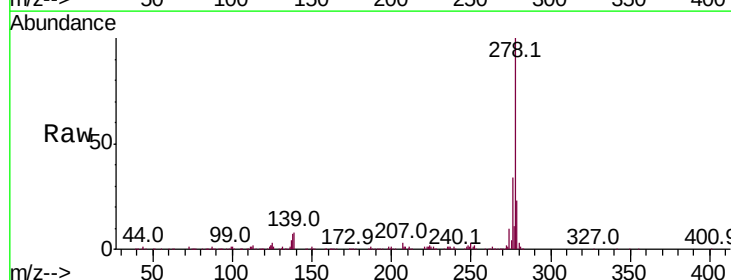
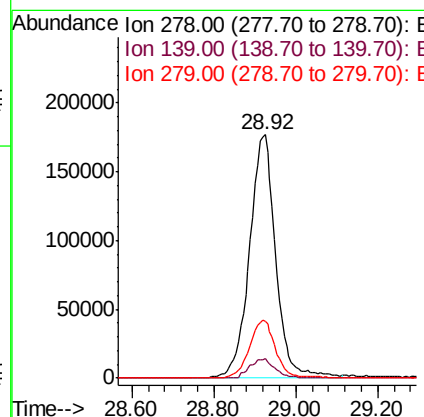
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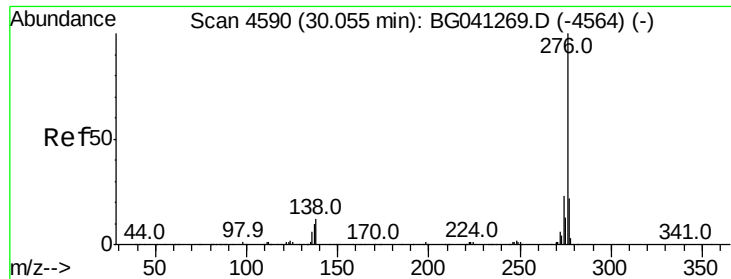
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 49.731 ng
RT: 28.92 min Scan# 4397
Delta R.T. 0.02 min
Lab File: BG041322.D
Acq: 19 Jun 2019 11:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.6	10.0
279	23.2	18.5	27.7





#92
 Benzo(a,h,i)perylene
 Concen: 47.589 ng
 RT: 30.06 min Scan# 4590
 Delta R.T. 0.00 min
 Lab File: BG041322.D
 Acq: 19 Jun 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB120669BS

Tot Ion:	276	Resp:	745631
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	10.5	9.4	14.0

Manual Integrations
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