

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041659.D
 Acq On : 16 Jul 2019 9:07
 Operator : HP/JU
 Sample : PB121341BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Manual Integrations
 APPROVED

mohammad
 7/17/2019 12:04:51 PM

Quant Time: Jul 17 01:43:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	144235	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	568186	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	349533	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	821885	20.00	ng	0.00
76) Chrysene-d12	21.66	240	773833	20.00	ng	0.00
87) Perylene-d12	24.86	264	818854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1186633	134.49	ng	0.00
7) Phenol-d6	7.21	99	1531015	129.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	897860	96.10	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	608635	154.51	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1977080	87.59	ng	0.00
79) Terphenyl-d14	20.01	244	2738466	82.70	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	93990	22.430 ng	99
3) Pyridine	3.89	79	240940	21.540 ng	98
4) n-Nitrosodimethylamine	3.80	42	134463	26.030 ng	98
6) Aniline	7.37	93	346558	21.728 ng	99
8) 2-Chlorophenol	7.61	128	284038	28.436 ng	99
9) Benzaldehyde	7.18	77	195110	24.050 ng	97
10) Phenol	7.24	94	357895	28.624 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	269840	26.722 ng	99
12) 1,3-Dichlorobenzene	7.94	146	310775	26.075 ng	98
13) 1,4-Dichlorobenzene	8.08	146	317461	26.598 ng	98
14) 1,2-Dichlorobenzene	8.41	146	299289	26.596 ng	97
15) Benzyl Alcohol	8.28	79	243106	25.731 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	542760	25.939 ng	99
17) 2-Methylphenol	8.48	107	249192	28.819 ng	99
18) Hexachloroethane	9.14	117	114462	26.182 ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	228230	26.312 ng	98
20) 3+4-Methylphenols	8.81	107	339565	28.657 ng	99
22) Acetophenone	8.87	105	416119	30.070 ng	# 97
24) Nitrobenzene	9.25	77	312151	30.627 ng	99
25) Isophorone	9.78	82	592401	28.957 ng	97
26) 2-Nitrophenol	9.96	139	147018	33.049 ng	99
27) 2,4-Dimethylphenol	10.02	122	282810	34.938 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	359009	28.472 ng	99
29) 2,4-Dichlorophenol	10.50	162	289868	31.409 ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	315855	29.148 ng	98
31) Naphthalene	10.91	128	831315	29.719 ng	98
32) Benzoic acid	10.15	122	176188	31.092 ng	96
33) 4-Chloroaniline	11.00	127	204688	15.864 ng	97
34) Hexachlorobutadiene	11.20	225	202862	29.127 ng	97
35) Caprolactam	11.77	113	104933m	30.934 ng	
36) 4-Chloro-3-methylphenol	12.12	107	295291	30.542 ng	98
37) 2-Methylnaphthalene	12.51	142	635156	29.720 ng	99
38) 1-Methylnaphthalene	12.72	142	597428	29.322 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	361220	30.170 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	452234	66.772	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	248572	31.952	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	264504	32.270	nq	97
46) 1,1'-Biphenyl	13.51	154	799632	30.536	nq	98
47) 2-Chloronaphthalene	13.55	162	638126	29.239	nq	99
48) 2-Nitroaniline	13.74	65	198165	31.186	nq	97
49) Acenaphthylene	14.39	152	1020328	29.948	nq	98
50) Dimethylphthalate	14.12	163	811817	29.572	nq	98
51) 2,6-Dinitrotoluene	14.23	165	187279	32.163	nq	95
52) Acenaphthene	14.73	154	695426	32.390	nq	99
53) 3-Nitroaniline	14.56	138	137986	21.708	nq	97
54) 2,4-Dinitrophenol	14.76	184	200705	69.341	nq	94
55) Dibenzofuran	15.07	168	977513	30.340	nq	96
56) 4-Nitrophenol	14.86	139	346068	67.247	nq	98
57) 2,4-Dinitrotoluene	15.02	165	254079	33.009	nq	98
58) Fluorene	15.72	166	786123	29.987	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	246557	32.583	nq	98
60) Diethylphthalate	15.49	149	819028	29.615	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	446921	30.159	nq	98
62) 4-Nitroaniline	15.72	138	207858	30.833	nq	99
63) Azobenzene	16.00	77	735872	29.431	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	135384	36.549	nq	97
66) n-Nitrosodiphenylamine	15.91	169	735201	30.461	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	292697	29.930	nq	99
68) Hexachlorobenzene	16.71	284	284798	28.920	nq	99
69) Atrazine	16.86	200	281236	32.109	nq	100
70) Pentachlorophenol	17.05	266	413447	67.146	nq	99
71) Phenanthrene	17.45	178	1247433	30.138	nq	97
72) Anthracene	17.54	178	1295294	31.395	nq	96
73) Carbazole	17.80	167	1189387	31.084	nq	97
74) Di-n-butylphthalate	18.37	149	1380216	29.575	nq	97
75) Fluoranthene	19.45	202	1542059	30.341	nq	95
77) Benzidine	19.62	184	631528	20.201	nq	97
78) Pyrene	19.81	202	1550386	29.623	nq	95
80) Butylbenzylphthalate	20.70	149	649824	29.879	nq	96
81) Benzo(a)anthracene	21.64	228	1503999	30.081	nq	95
82) 3,3'-Dichlorobenzidine	21.55	252	551057	28.009	nq	96
83) Chrysene	21.70	228	1464554	30.655	nq	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	926747	30.181	nq	97
85) Di-n-octyl phthalate	22.78	149	1587637	30.360	nq	98
86) Indeno(1,2,3-cd)pyrene	28.50	276	1891412	30.005	nq	# 93
88) Benzo(b)fluoranthene	23.84	252	1652863	33.277	nq	97
89) Benzo(k)fluoranthene	23.91	252	1595620	34.669	nq	99
90) Benzo(a)pyrene	24.70	252	1606020	34.175	nq	98
91) Dibenzo(a,h)anthracene	28.58	278	1558629	34.207	nq	97
92) Benzo(g,h,i)perylene	29.64	276	1572386	34.435	nq	99

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

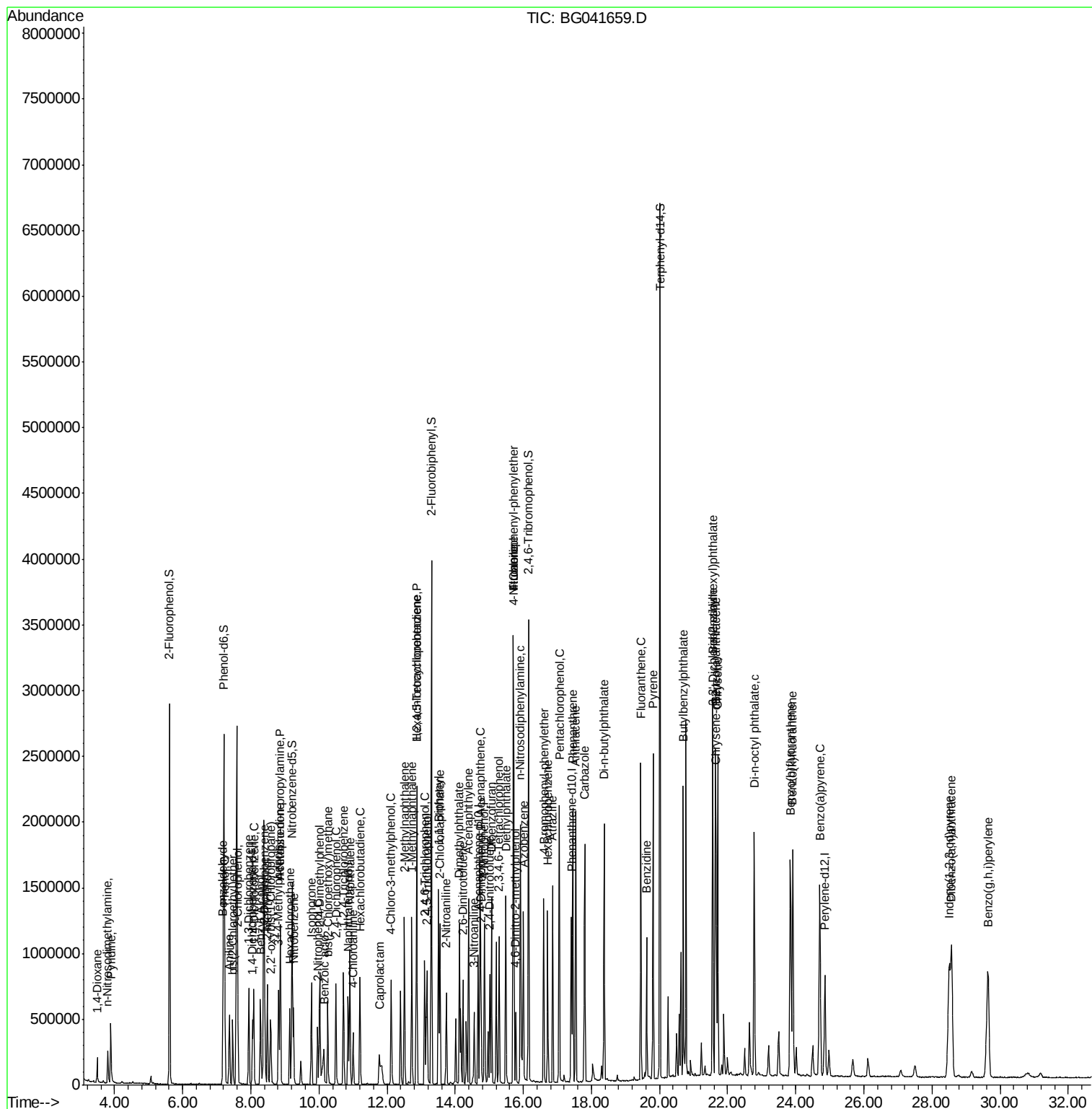
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Data File : BG041659.D
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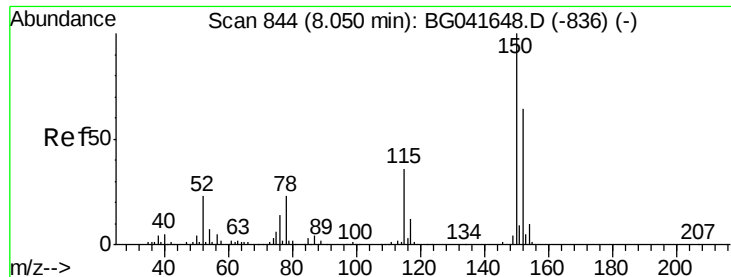
Instrument :
BNA_G
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#1

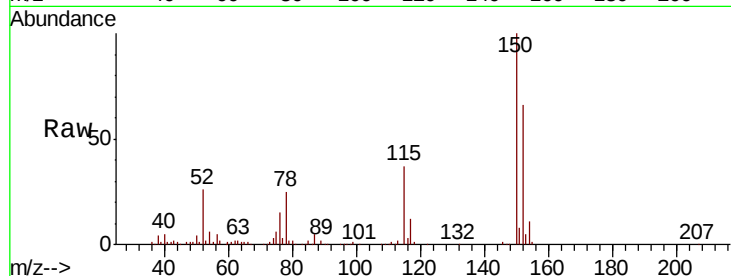
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.9	190.3
115	55.5	45.0	67.6

Manual Integrations
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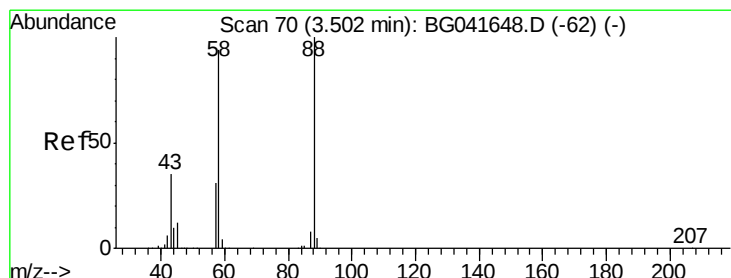
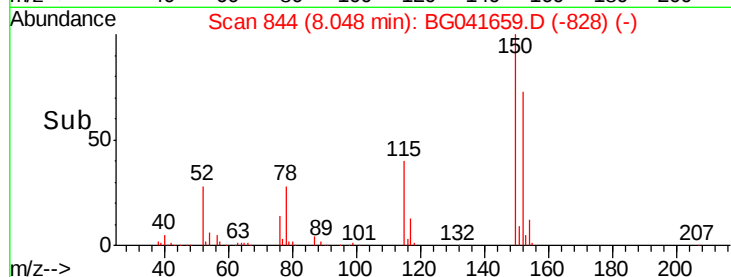
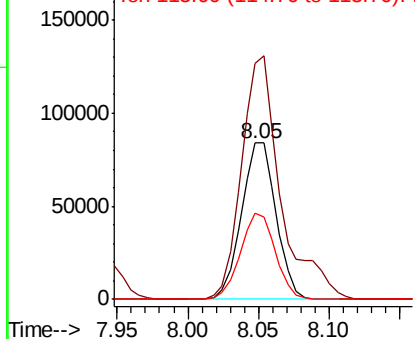


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

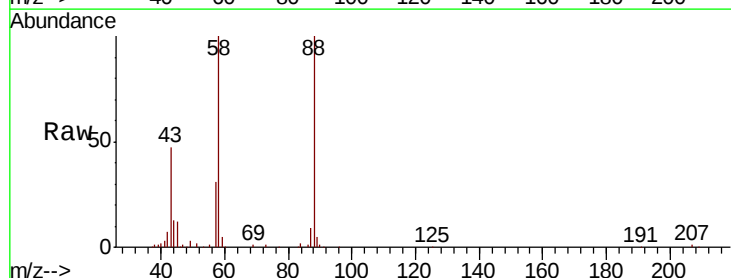
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.430 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	76.2	114.2
43	36.4	27.2	40.8

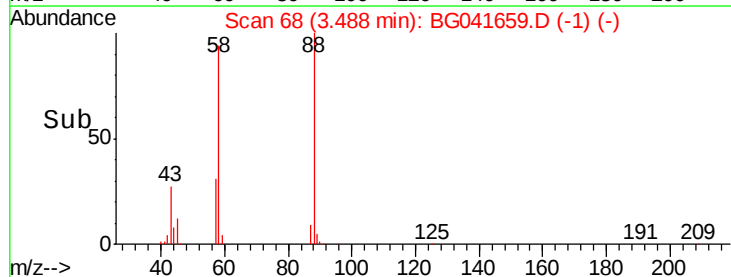
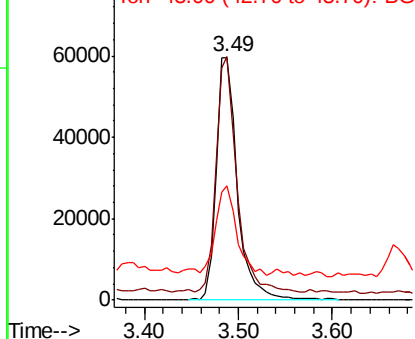


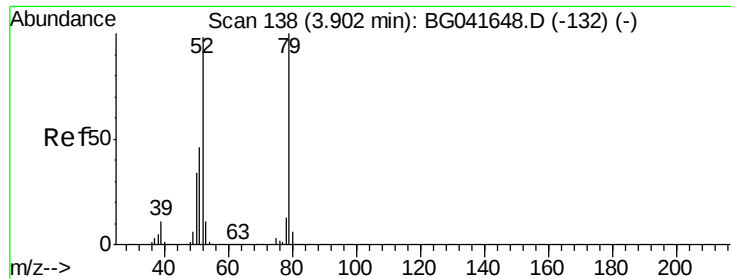
Abundance

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: 21.540 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

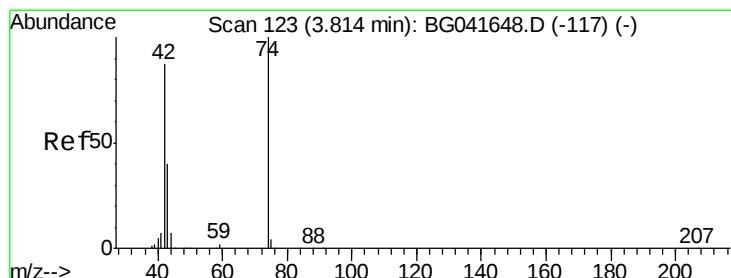
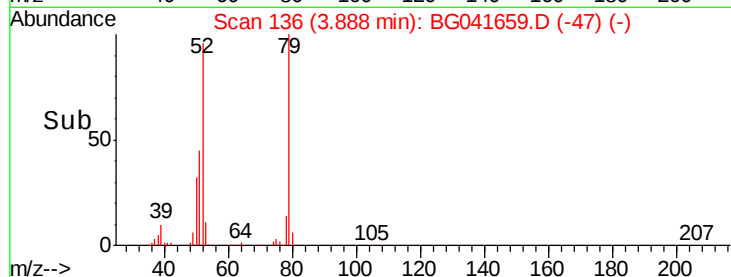
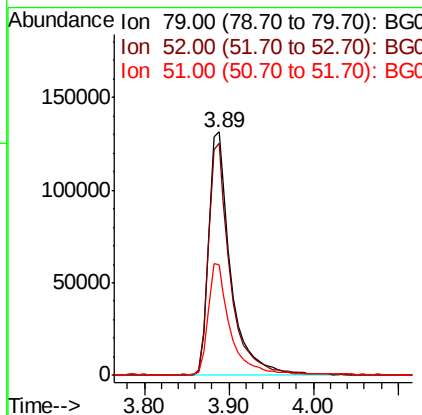
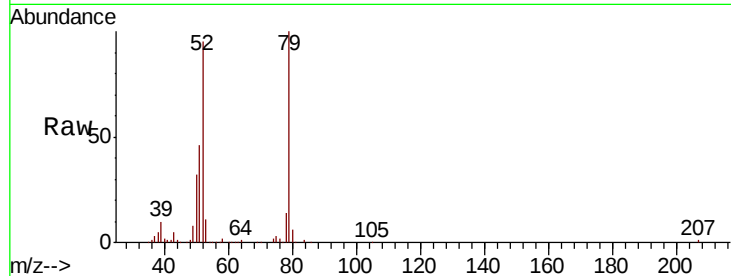
ClientSampleId :

PB121341BS

Tot Ion:	79	Resp:	240940
Ion Ratio	Lower	Upper	
79	100		
52	95.4	77.1	115.7
51	45.6	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 26.030 ng

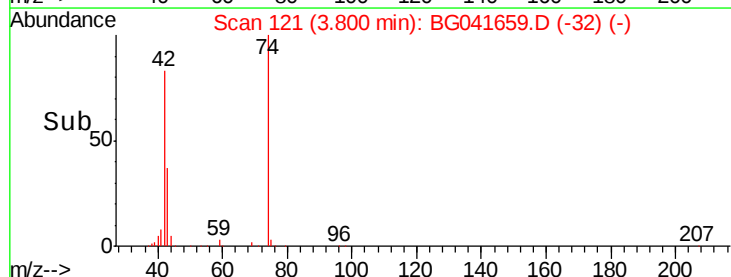
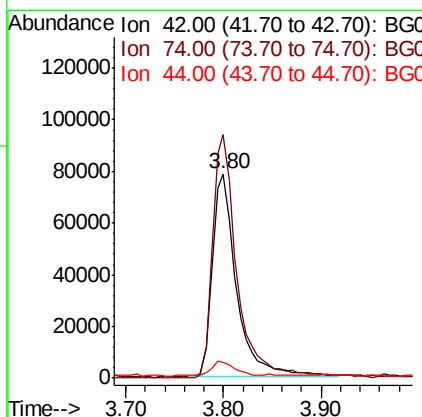
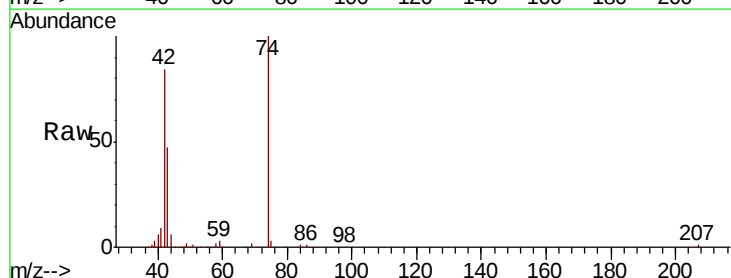
RT: 3.80 min Scan# 121

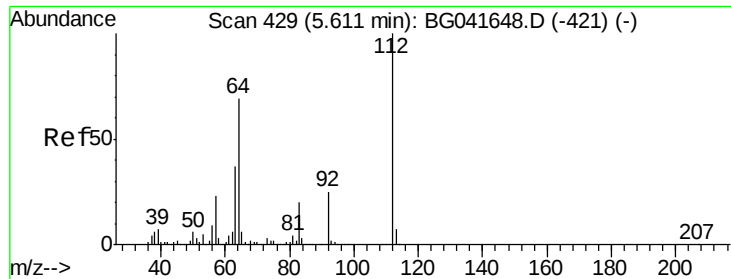
Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:	42	Resp:	134463
Ion Ratio	Lower	Upper	
42	100		
74	119.1	97.4	146.2
44	7.7	6.6	9.8





#5

2-Fluorophenol

Concen: 134.492 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

PB121341BS

Tot Ion:112 Resp: 1186633

Ion Ratio Lower Upper

112 100

64 72.5 55.4 83.2

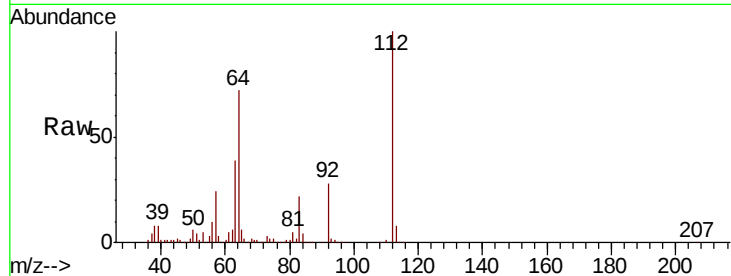
63 39.1 29.1 43.7

Manual Integrations

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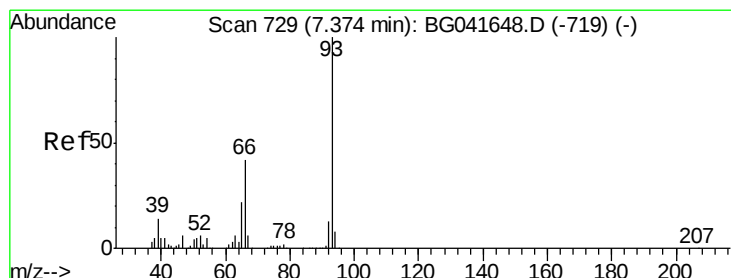
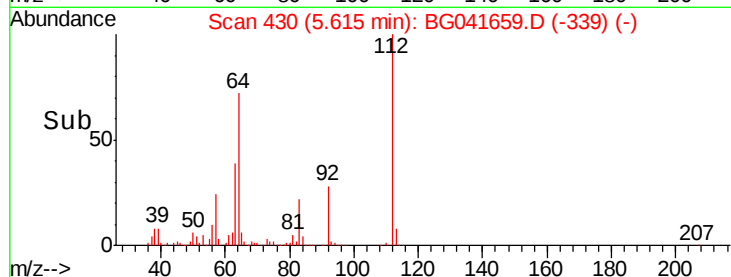
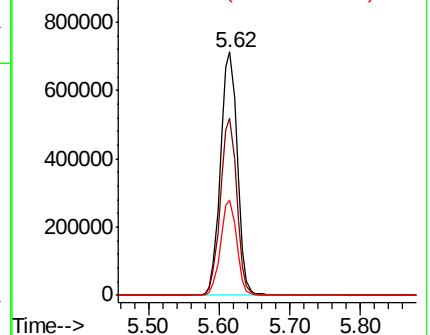
7/17/2019 12:04:51 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.728 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion: 93 Resp: 346558

Ion Ratio Lower Upper

93 100

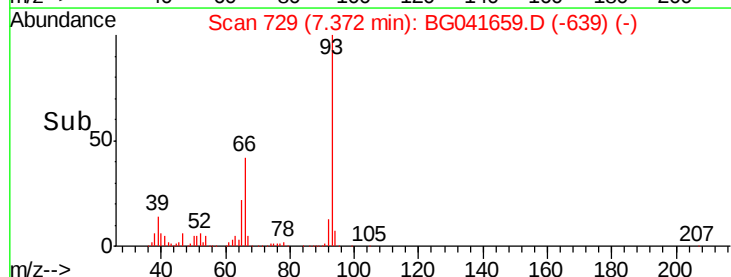
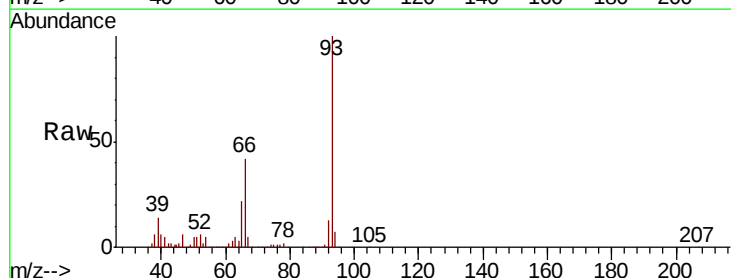
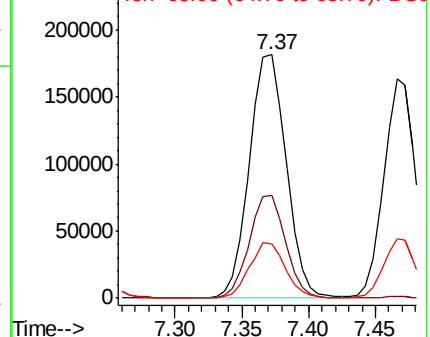
66 42.0 34.2 51.2

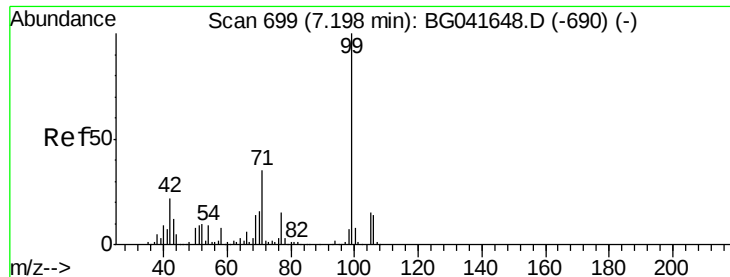
65 22.4 18.2 27.2

Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.010 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampled :

PB121341BS

Tot Ion: 99 Resp: 1531015

Ion Ratio Lower Upper

99 100

42 24.3 17.6 26.4

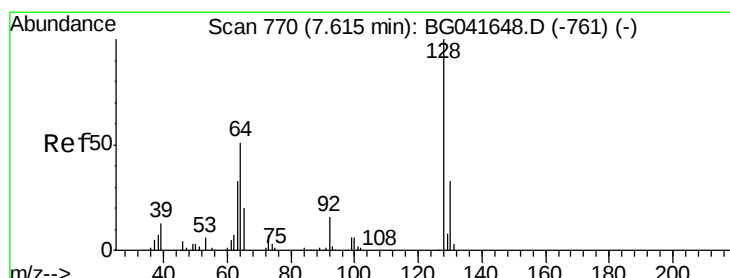
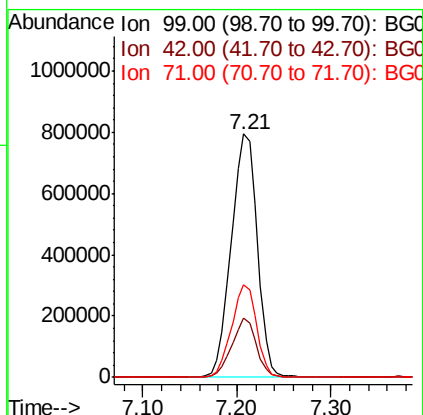
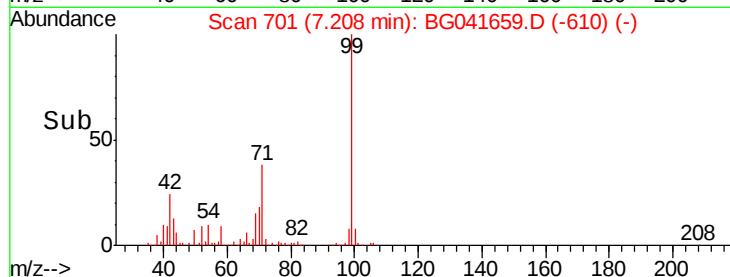
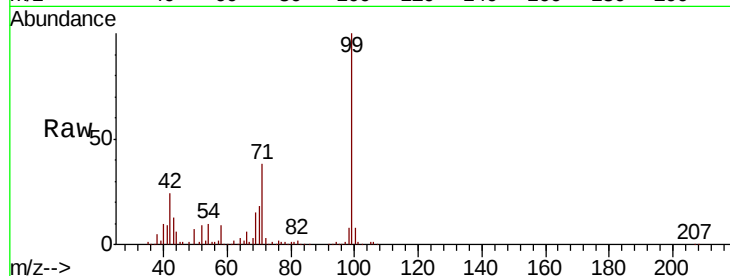
71 38.0 27.8 41.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 28.436 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

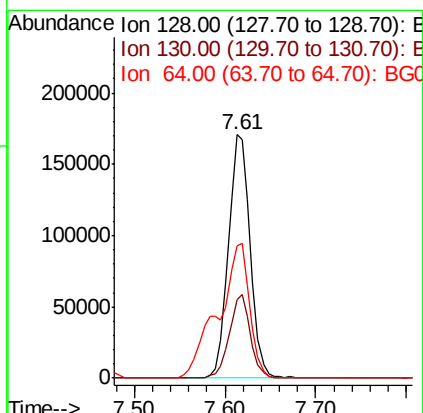
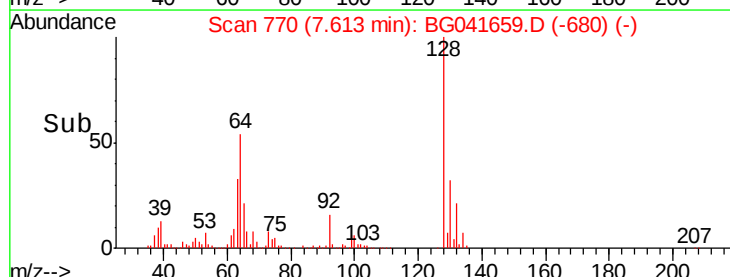
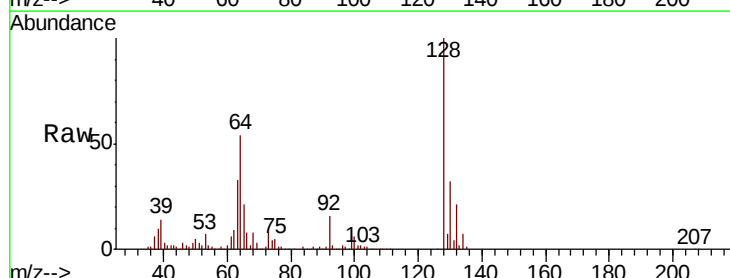
Tgt Ion: 128 Resp: 284038

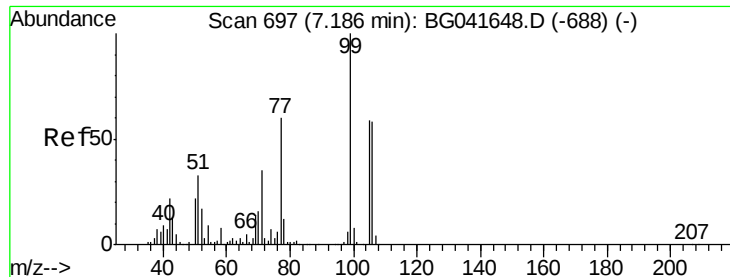
Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

64 54.2 34.9 74.9





#9

Benzaldehyde

Concen: 24.050 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

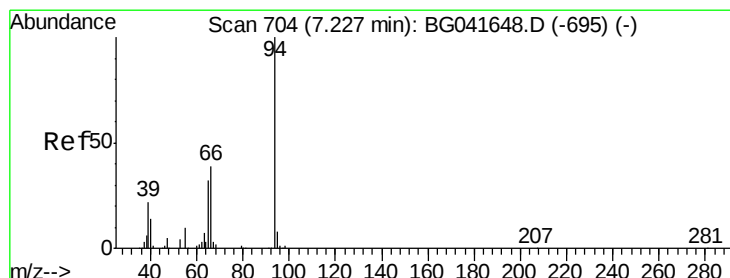
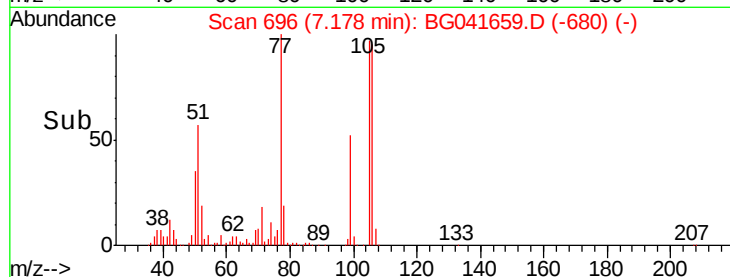
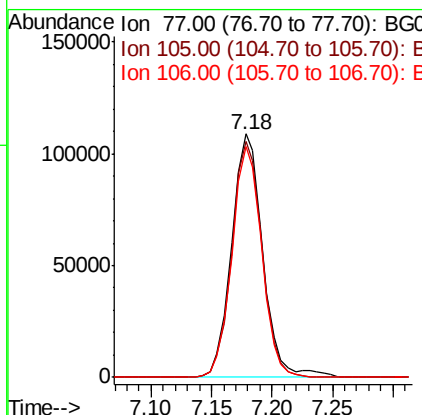
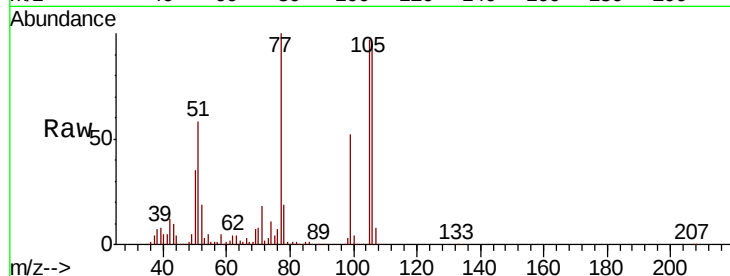
ClientSampleID :

PB121341BS

Tot Ion:	77	Resp:	195110
Ion Ratio	Lower	Upper	
77	100		
105	96.8	74.6	114.6
106	94.6	71.1	111.1

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#10

Phenol

Concen: 28.624 ng

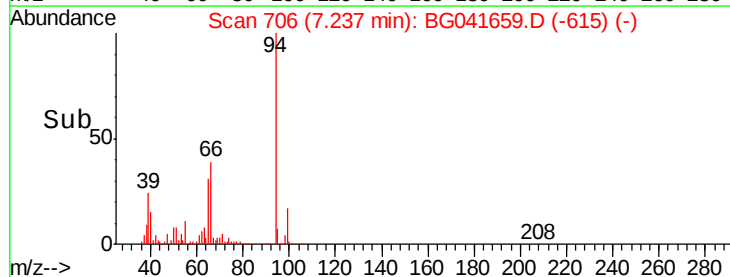
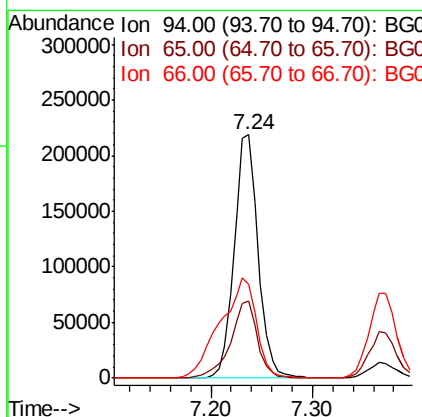
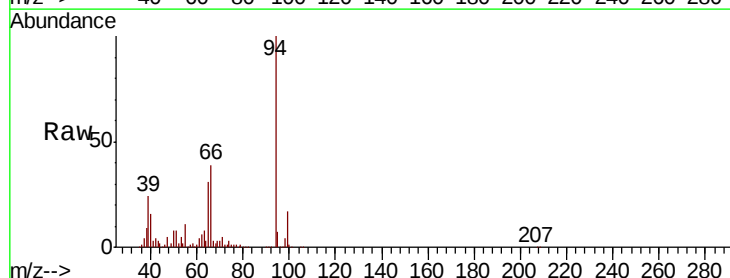
RT: 7.24 min Scan# 706

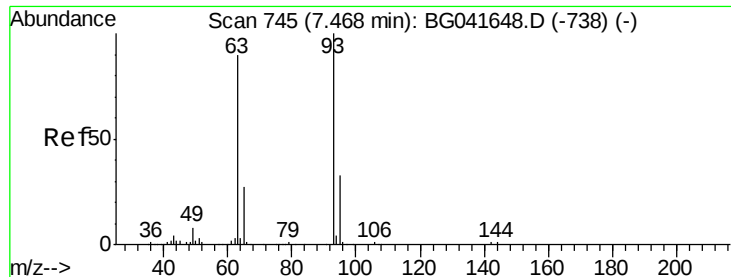
Delta R.T. 0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:	94	Resp:	357895
Ion Ratio	Lower	Upper	
94	100		
65	31.5	10.6	50.6
66	38.5	18.2	58.2





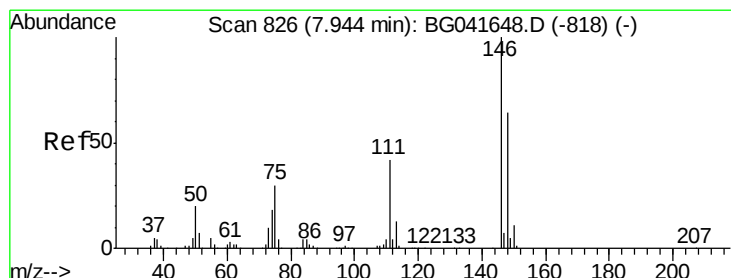
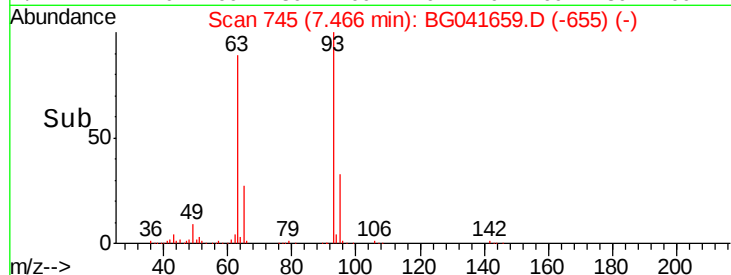
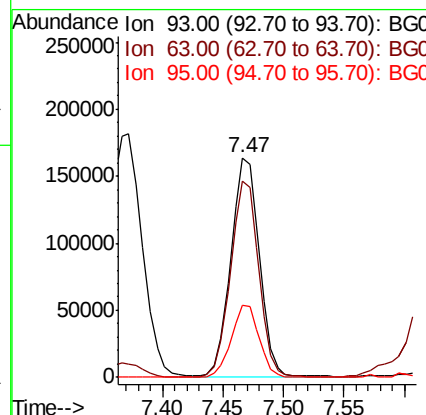
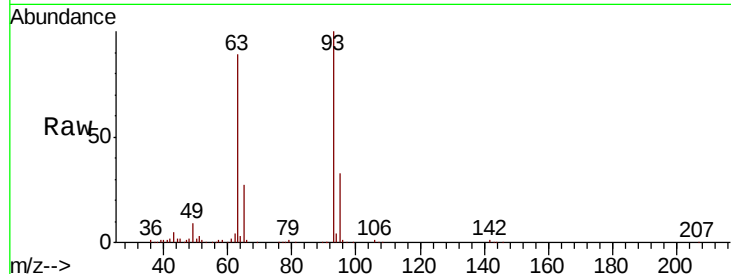
#11
bis(2-Chloroethyl)ether
Concen: 26.722 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	269840		
63	89.3		70.4	110.4
95	32.8		12.8	52.8

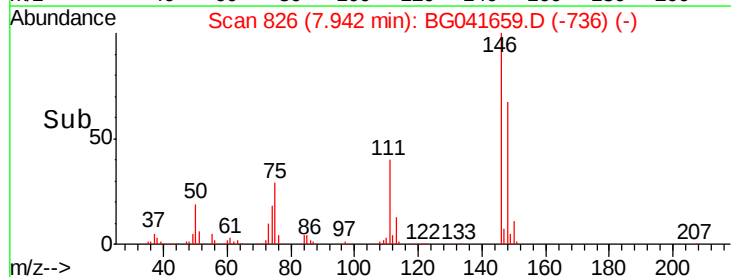
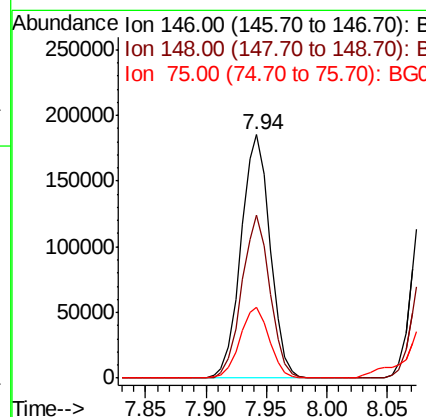
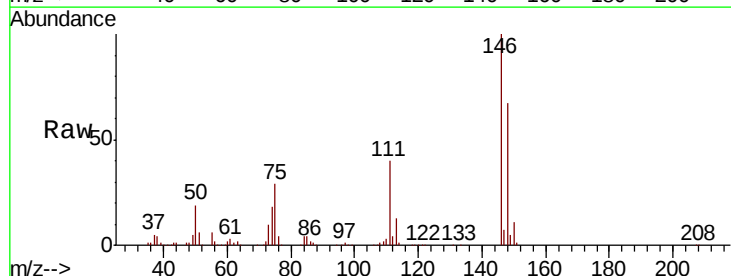
Manual Integrations
APPROVED

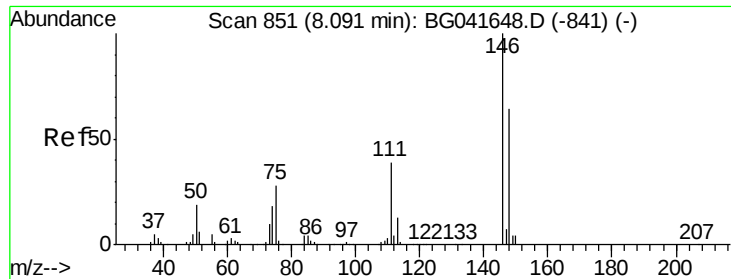
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#12
1,3-Dichlorobenzene
Concen: 26.075 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	310775		
148	66.9		51.5	77.3
75	29.2		23.2	34.8





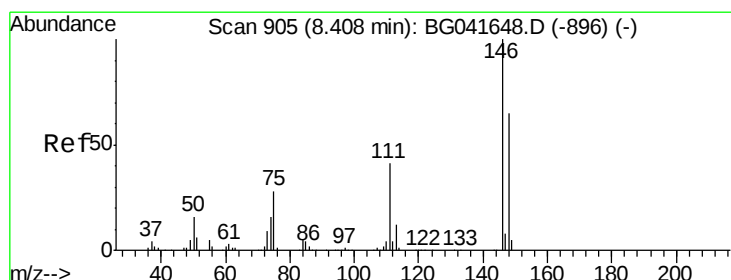
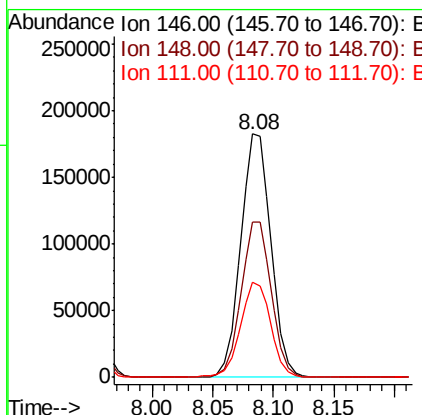
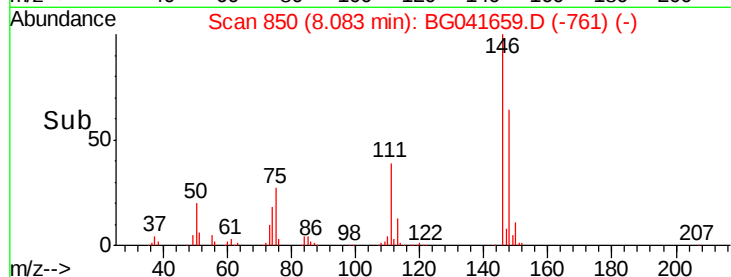
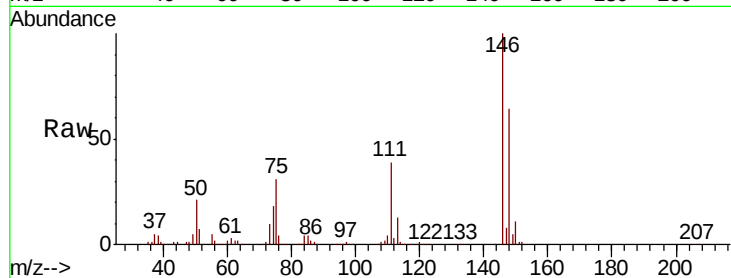
#13
1,4-Dichlorobenzene
Concen: 26.598 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	79.0
111	39.2	32.5	48.7

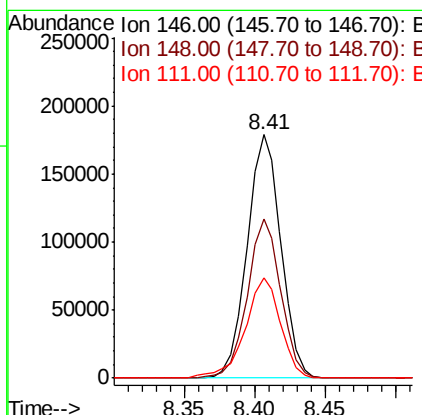
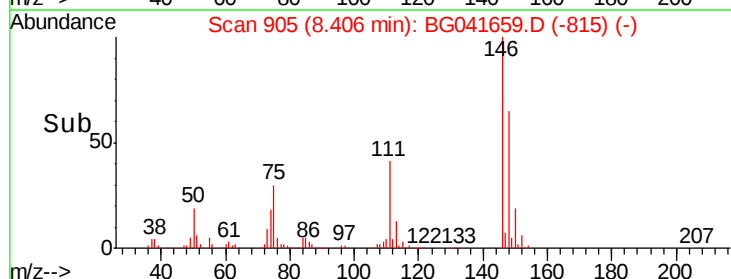
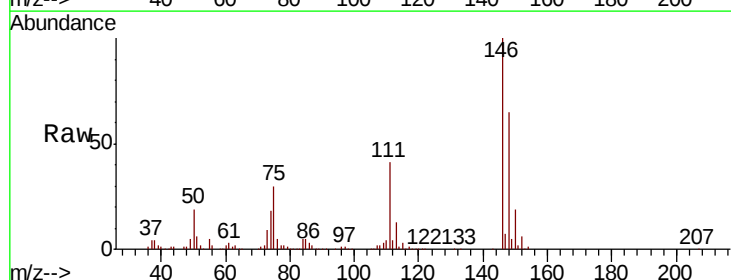
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APPROVED

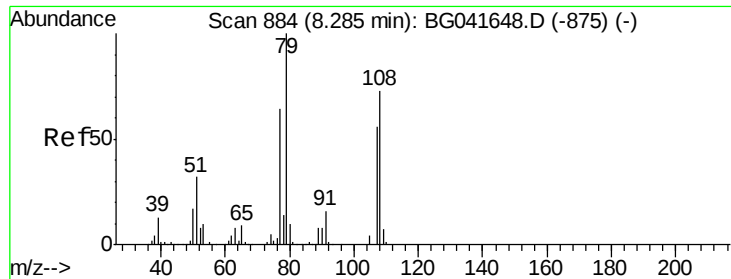
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#14
1,2-Dichlorobenzene
Concen: 26.596 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.5	80.3
111	41.4	35.4	53.0





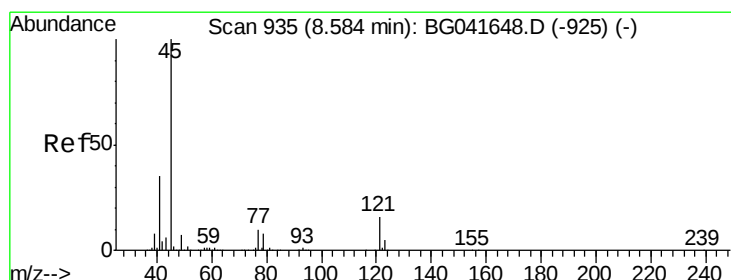
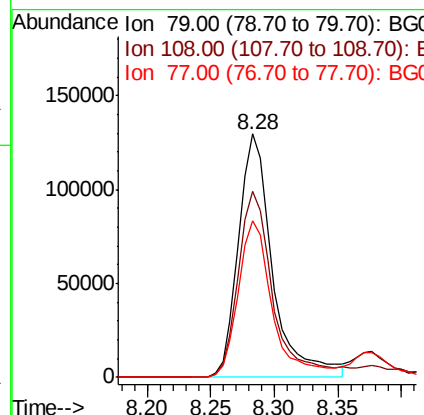
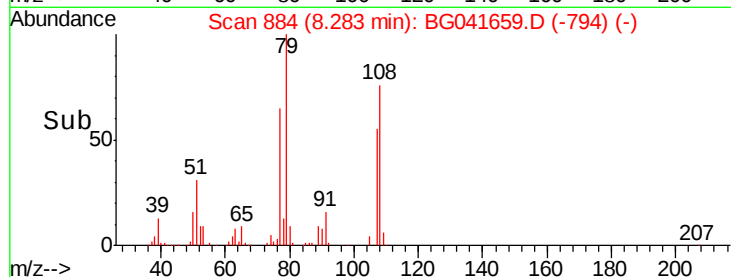
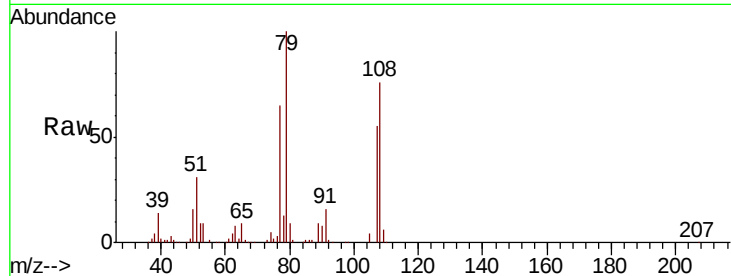
#15
Benzyl Alcohol
Concen: 25.731 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	60.5	90.7
77	64.5	50.6	75.8

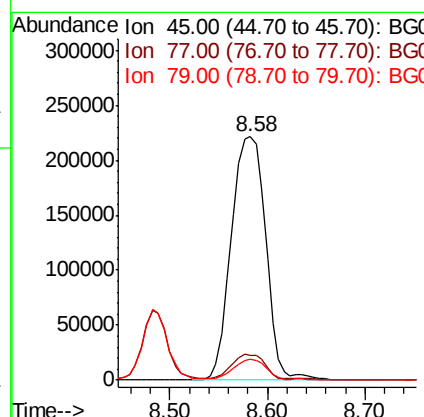
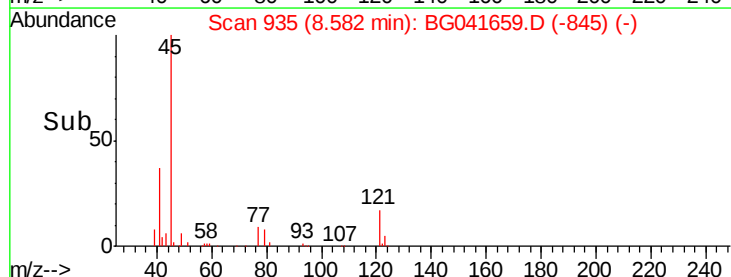
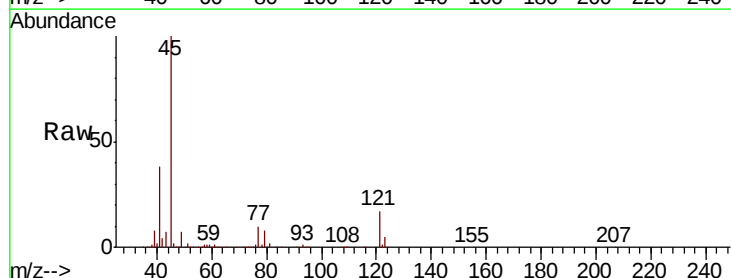
Manual Integrations
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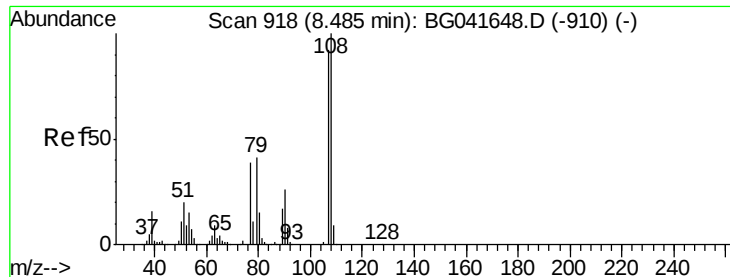
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.939 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.2	0.0	30.4
79	8.5	0.0	27.9





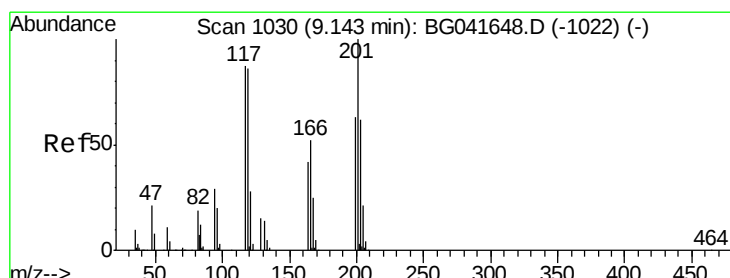
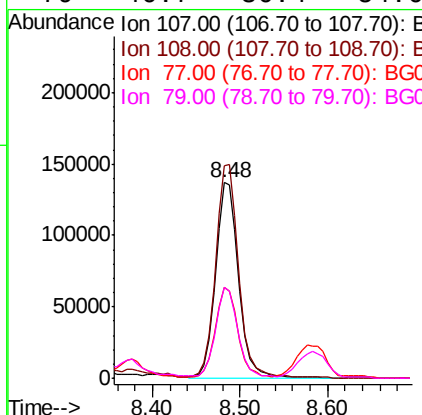
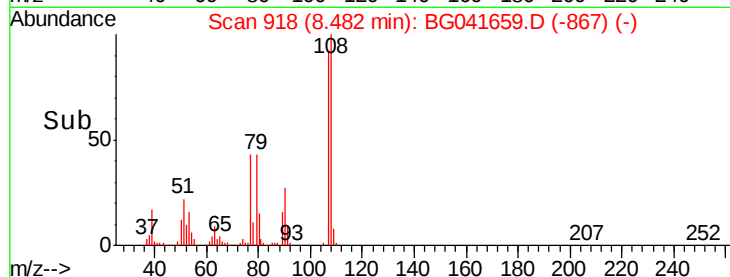
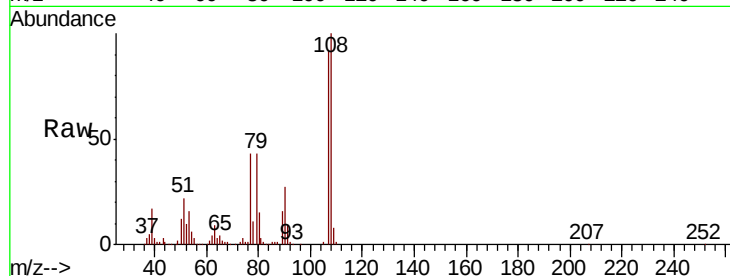
#17
2-Methylphenol
Concen: 28.819 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	249192		
108	108.7	87.6	131.4	
77	46.3	36.1	54.1	
79	46.7	36.4	54.6	

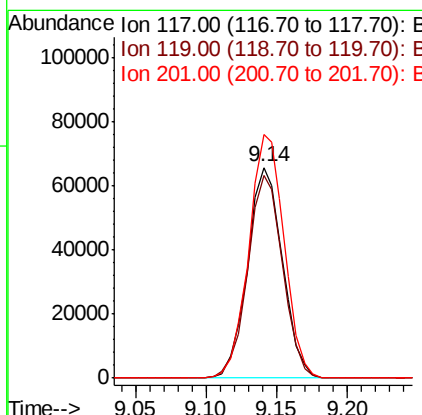
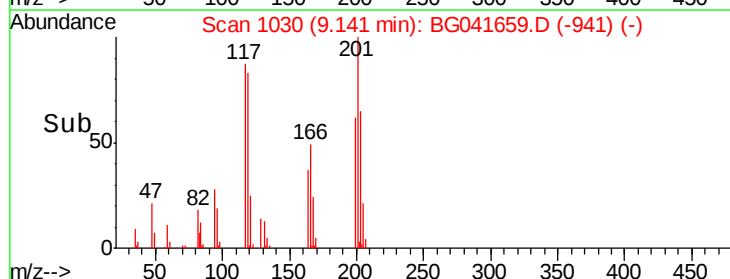
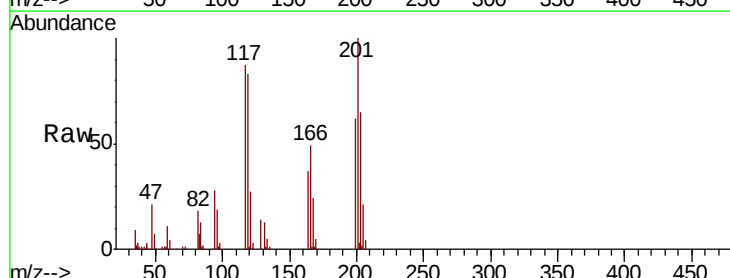
Manual Integrations
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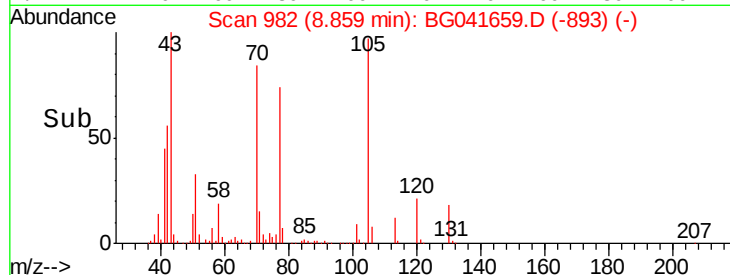
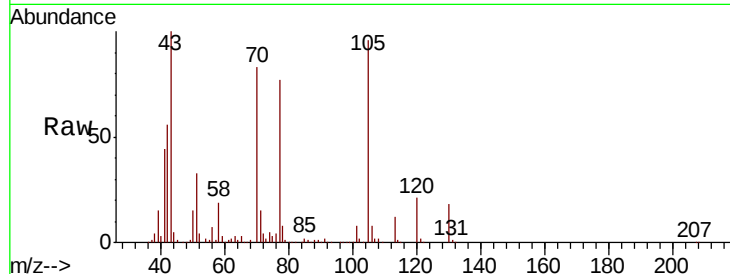
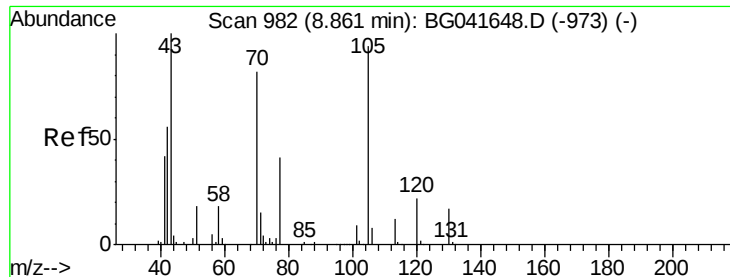
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#18
Hexachloroethane
Concen: 26.182 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114462		
119	96.0	76.2	114.2	
201	115.5	94.1	141.1	





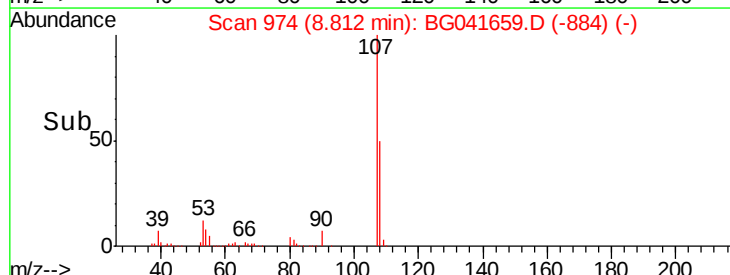
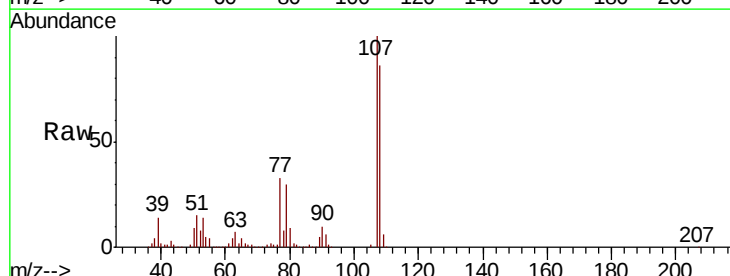
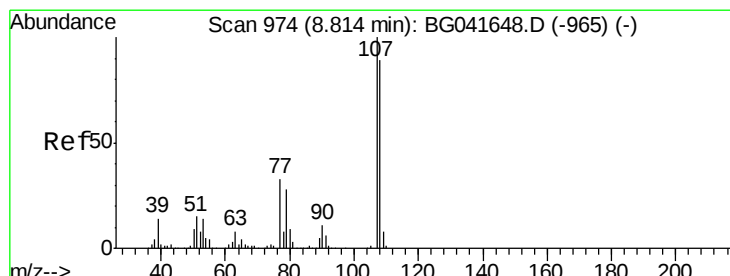
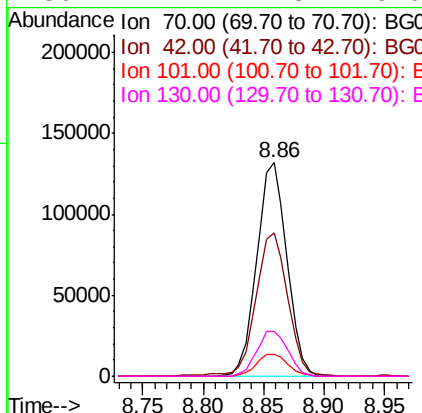
#19
n-Nitroso-di-n-propylamine
Concen: 26.312 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		228230		
42	67.3	55.8	83.6		
101	10.2	8.1	12.1		
130	21.1	17.3	25.9		

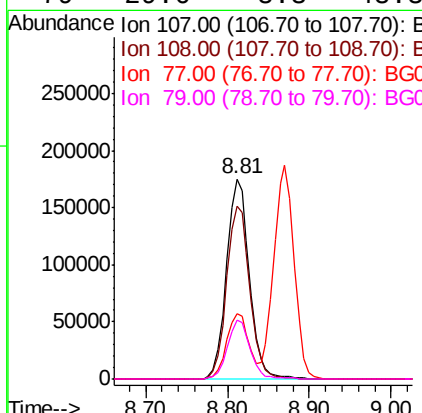
Manual Integrations
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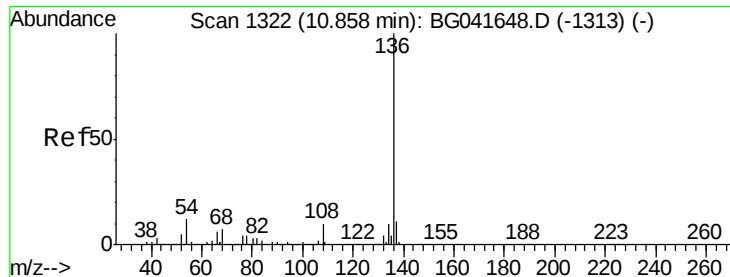
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#20
3+4-Methylphenols
Concen: 28.657 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		339565		
108	86.5	67.5	107.5		
77	32.9	12.3	52.3		
79	29.6	8.3	48.3		





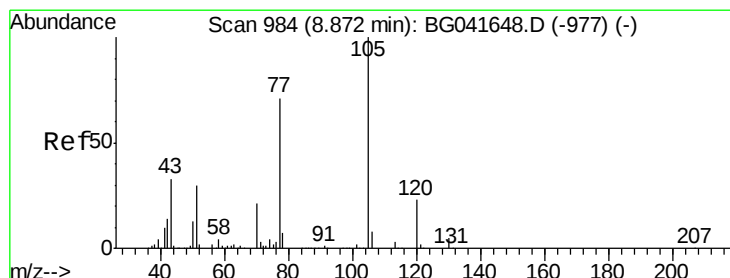
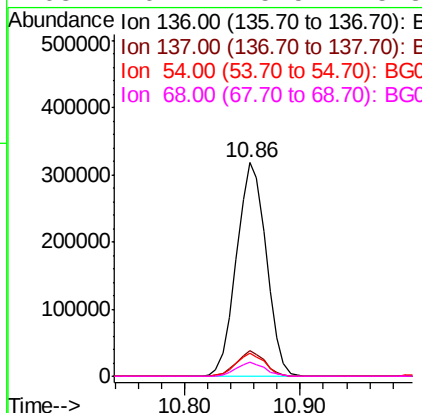
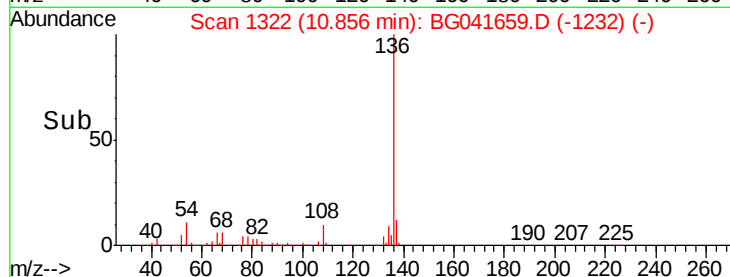
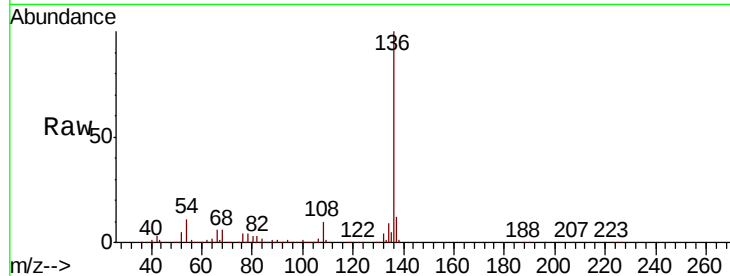
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		568186		
137	12.0		9.2	13.8	
54	10.9		8.7	13.1	
68	6.4		5.5	8.3	

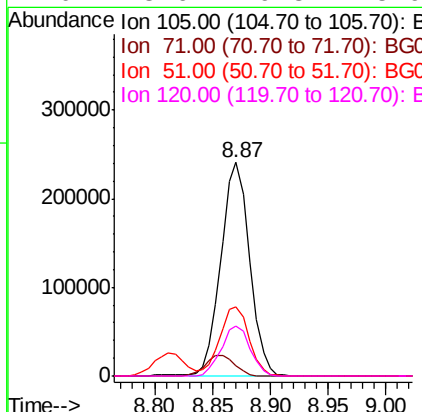
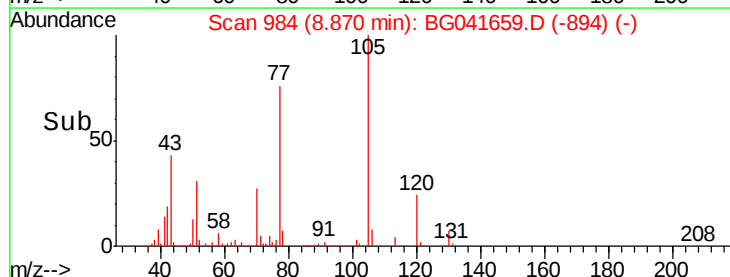
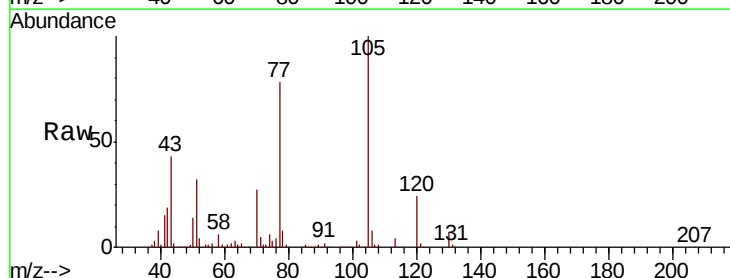
Manual Integrations
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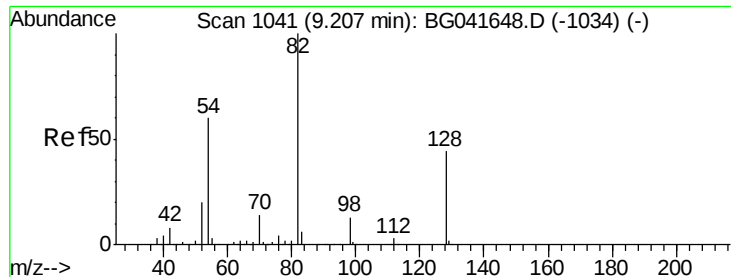
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#22
Acetophenone
Concen: 30.070 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		416119		
71	4.8		5.9	8.9#	
51	32.5		27.7	41.5	
120	23.6		19.3	28.9	





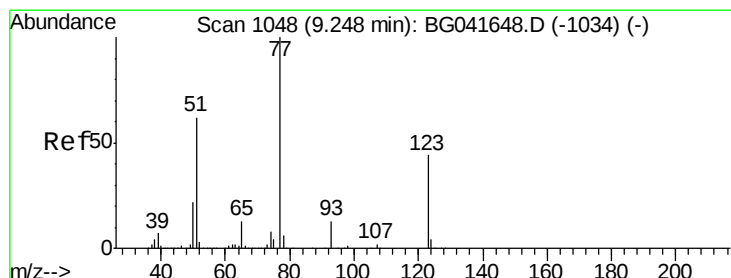
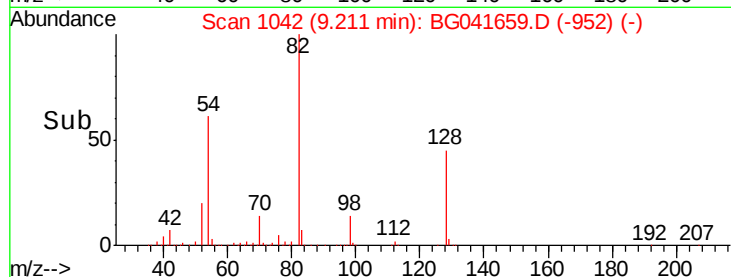
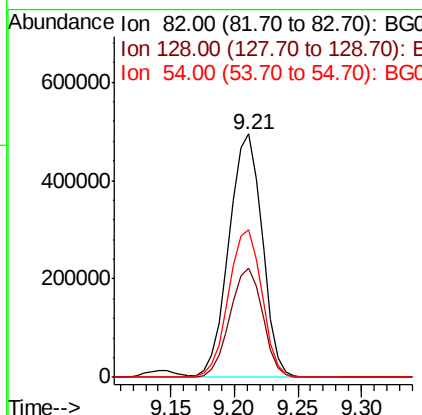
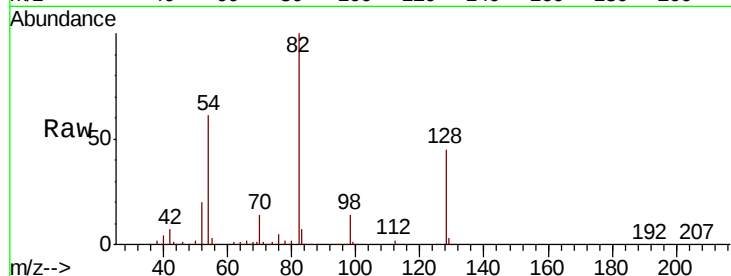
#23
Nitrobenzene-d5
Concen: 96.101 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	60.9	48.7	73.1

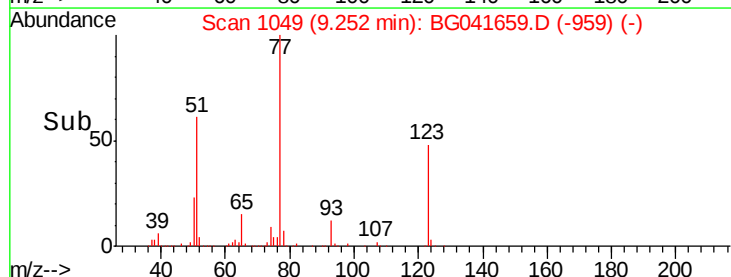
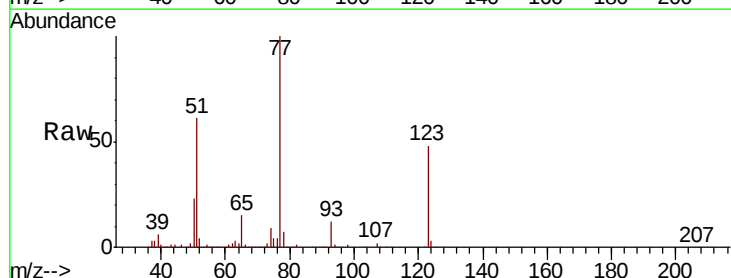
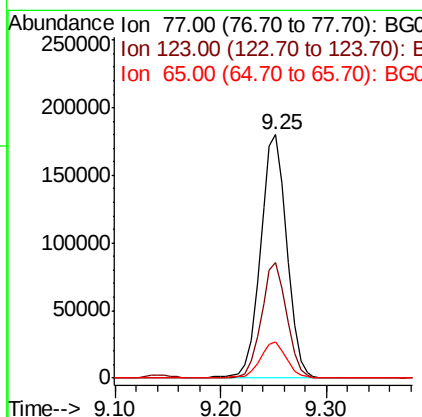
Manual Integrations
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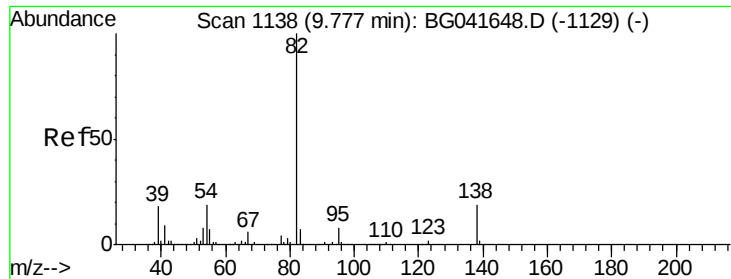
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#24
Nitrobenzene
Concen: 30.627 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.1	57.1
65	14.7	11.0	16.6





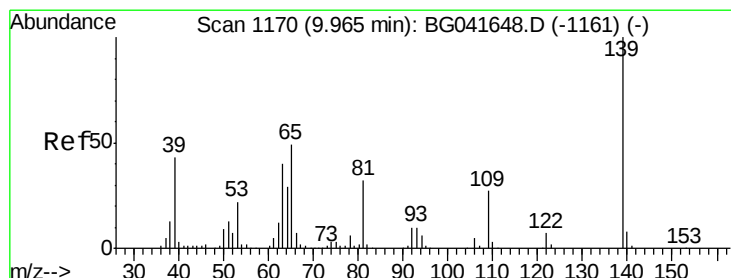
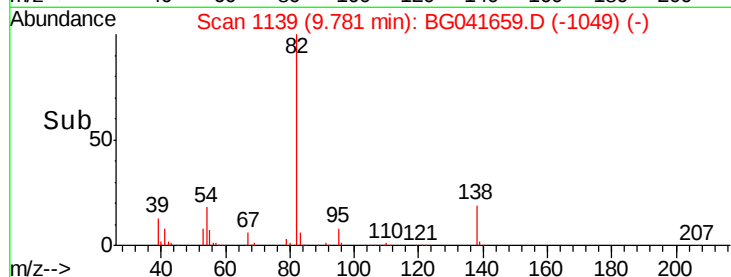
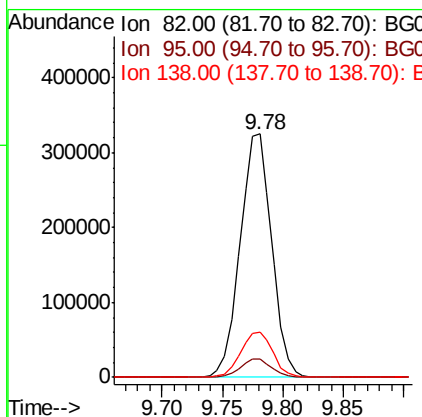
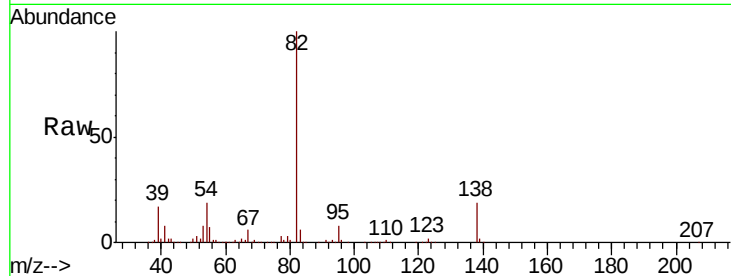
#25
Isophorone
Concen: 28.957 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	82	Resp	592401
Ion Ratio	100	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	18.7	16.3	24.5

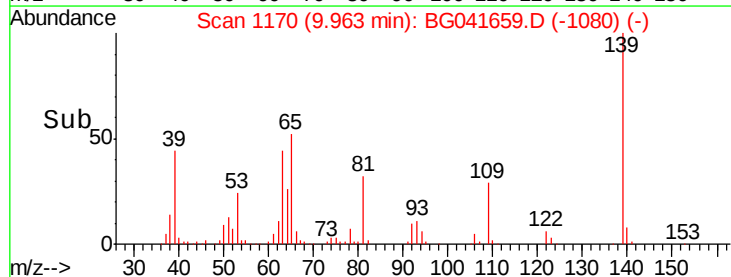
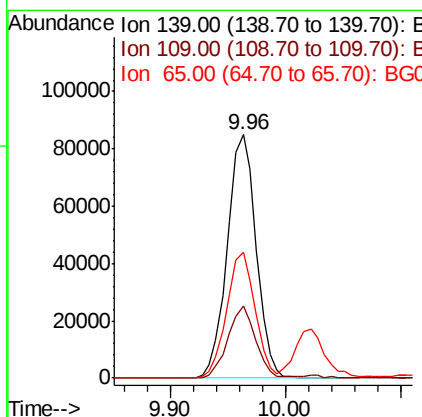
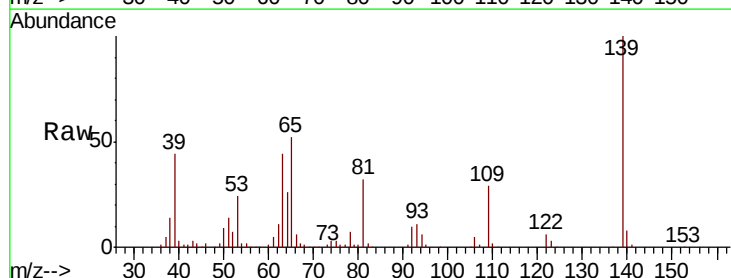
Manual Integrations
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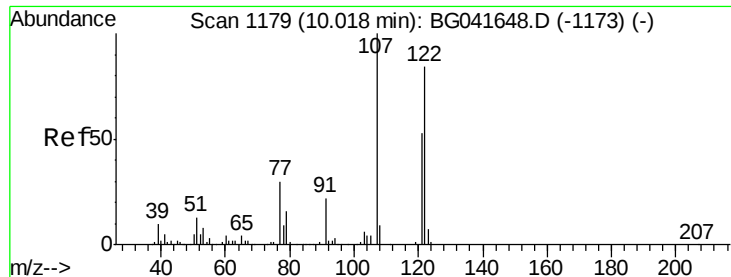
mohammad
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#26
2-Nitrophenol
Concen: 33.049 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	139	Resp	147018
Ion Ratio	100	Lower	Upper
139	100		
109	29.4	22.7	34.1
65	51.7	41.1	61.7





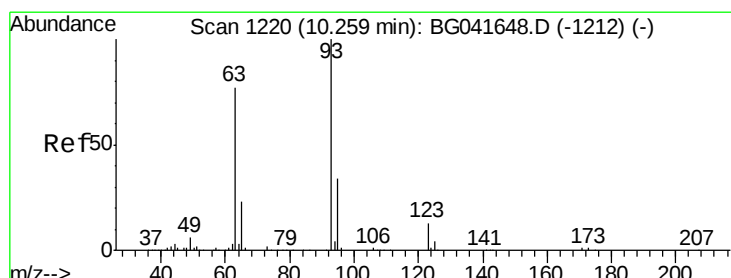
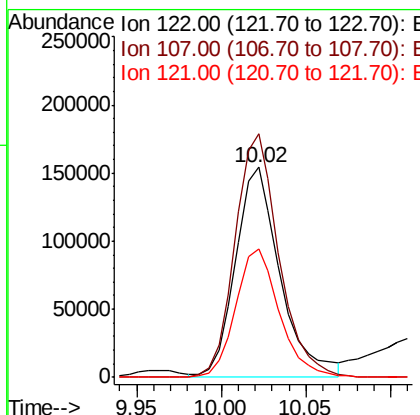
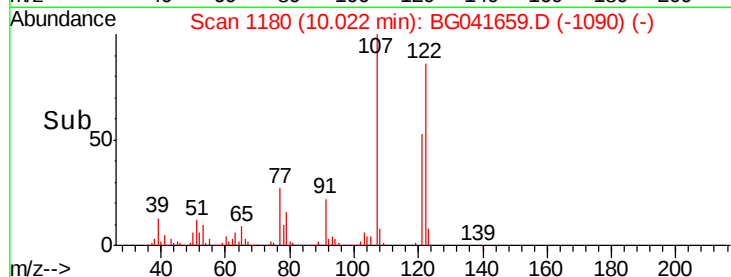
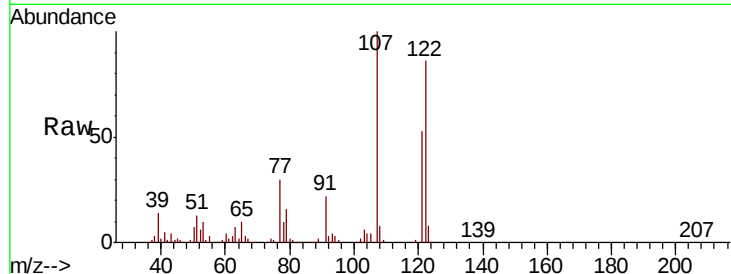
#27
 2,4-Dimethylphenol
 Concen: 34.938 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	282810		
107	115.8	91.3	136.9	
121	61.0	49.2	73.8	

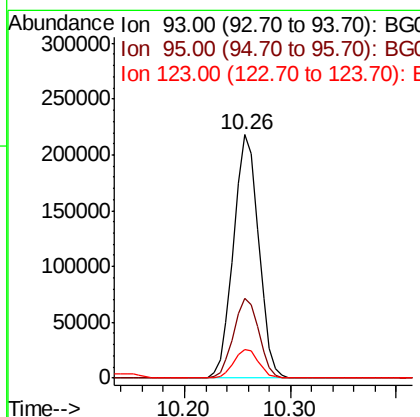
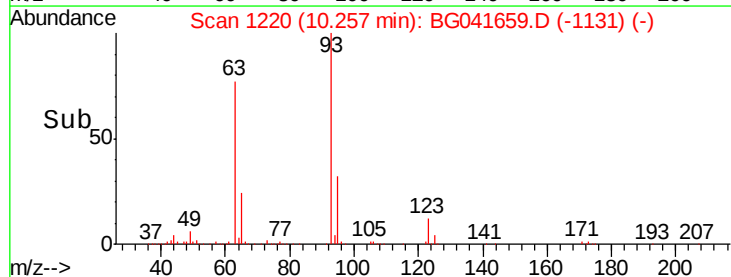
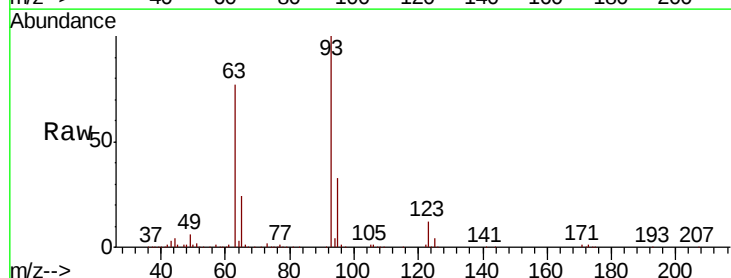
Manual Integrations
 APPROVED

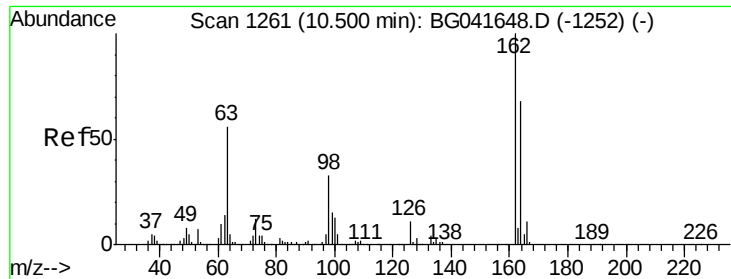
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#28
 bis(2-Chloroethoxy)methane
 Concen: 28.472 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	359009		
95	32.5	26.2	39.4	
123	11.8	9.9	14.9	





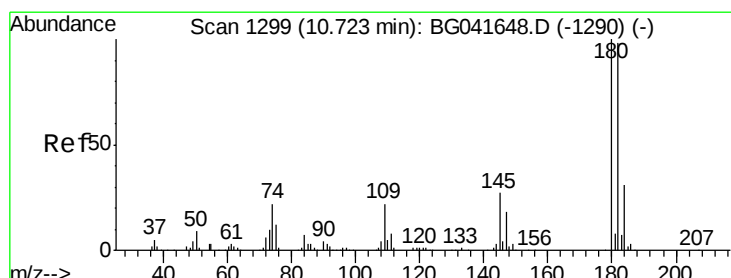
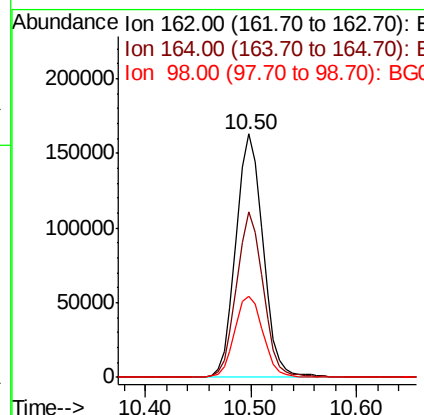
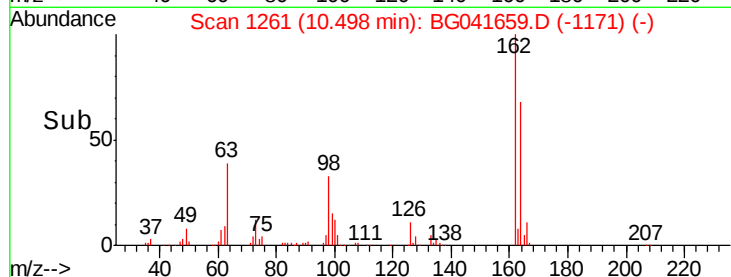
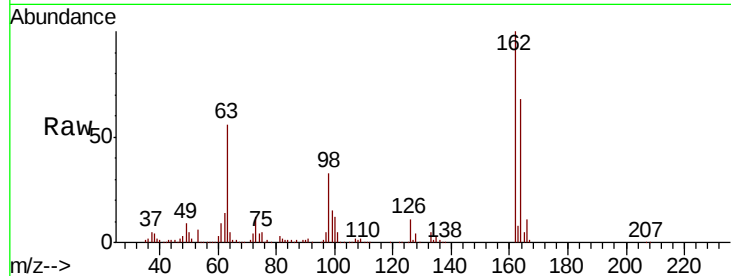
#29
2,4-Dichlorophenol
Concen: 31.409 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.0	46.1	86.1
98	33.4	14.7	54.7

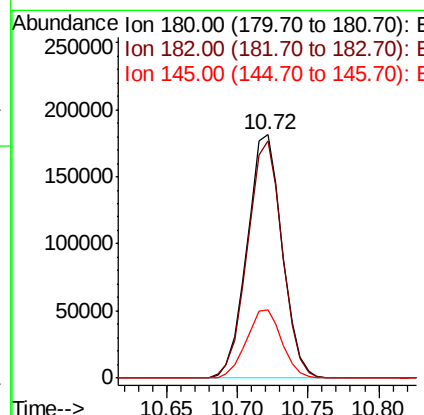
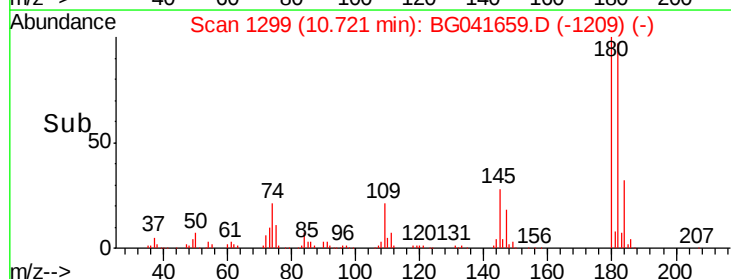
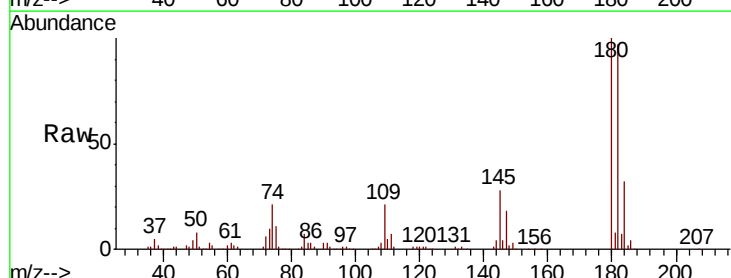
Manual Integrations
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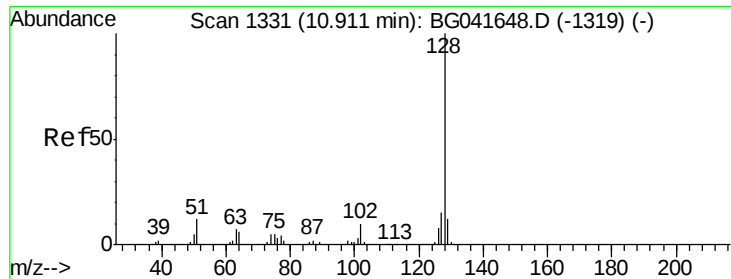
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#30
1,2,4-Trichlorobenzene
Concen: 29.148 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.3	76.2	114.2
145	28.1	23.8	35.8





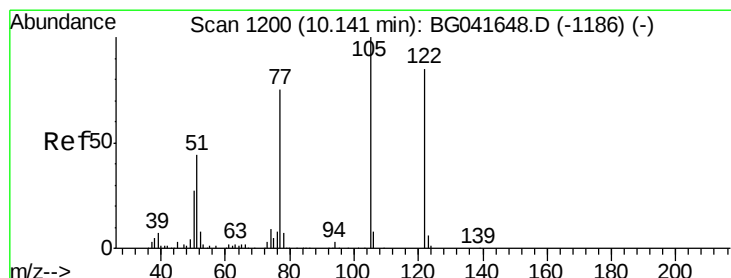
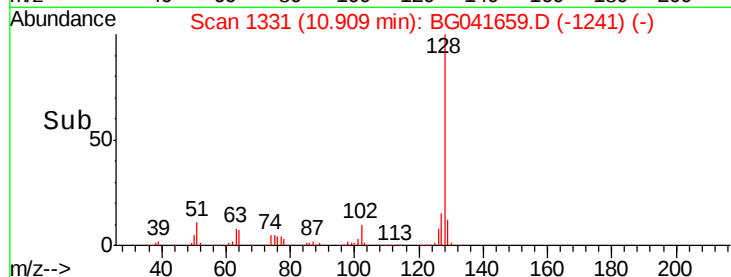
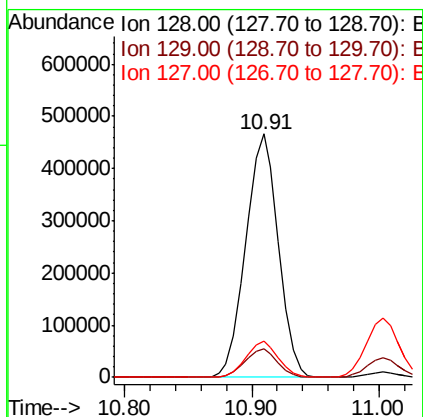
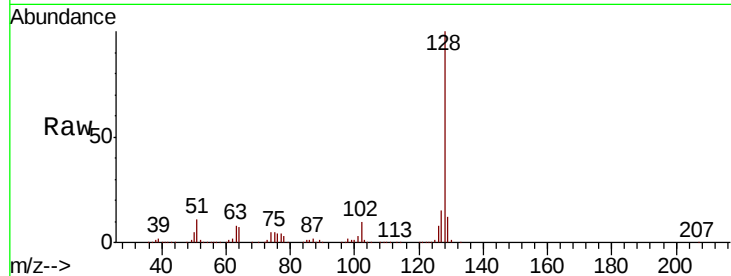
#31
Naphthalene
Concen: 29.719 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	14.8	12.3	18.5

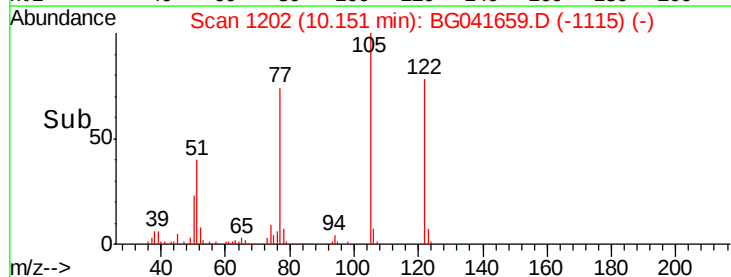
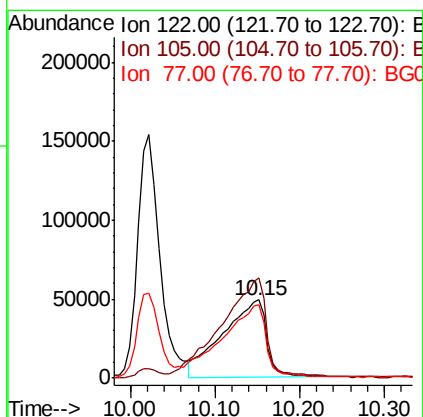
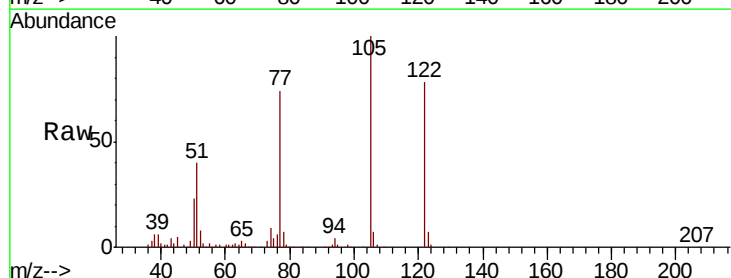
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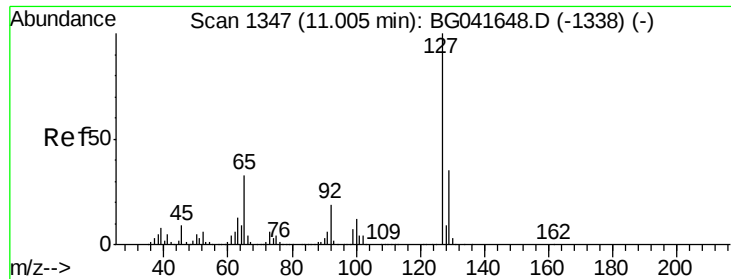
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#32
Benzoic acid
Concen: 31.092 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	101.5	141.5
77	94.5	73.0	113.0





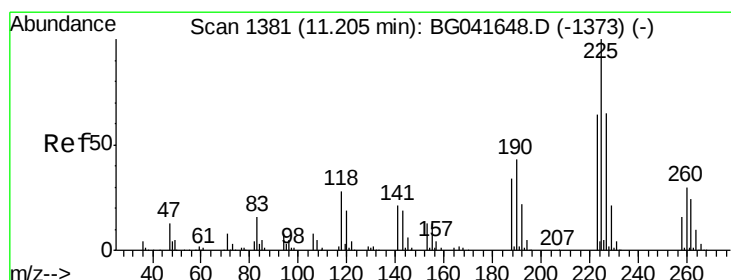
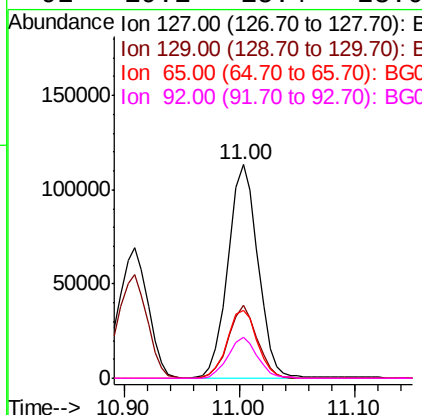
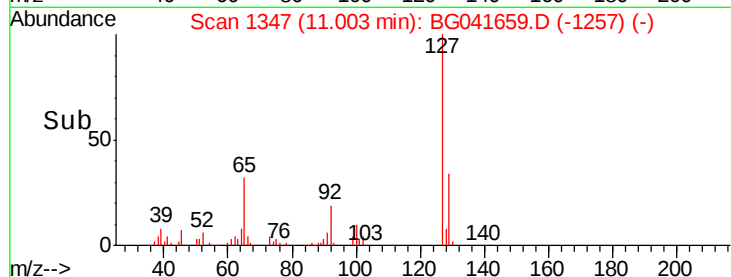
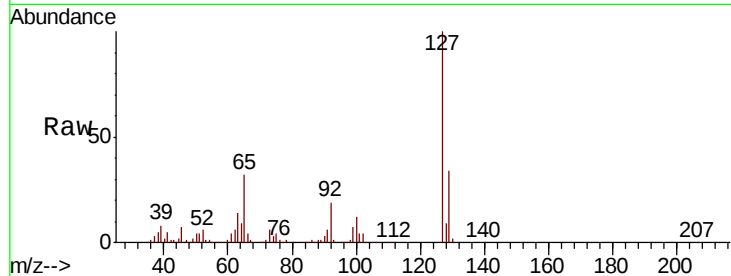
#33
4-Chloroaniline
Concen: 15.864 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.2	25.8	38.8	
65	31.6	26.7	40.1	
92	19.1	15.4	23.0	

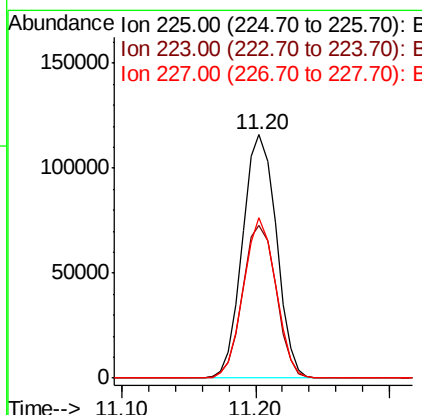
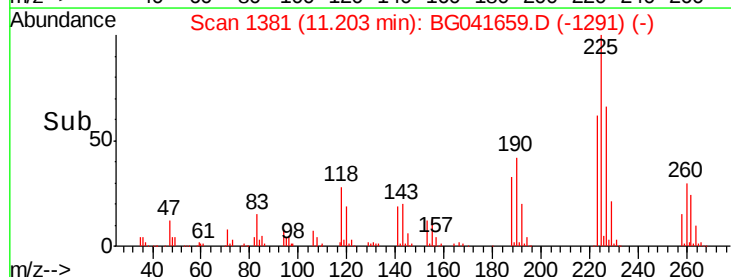
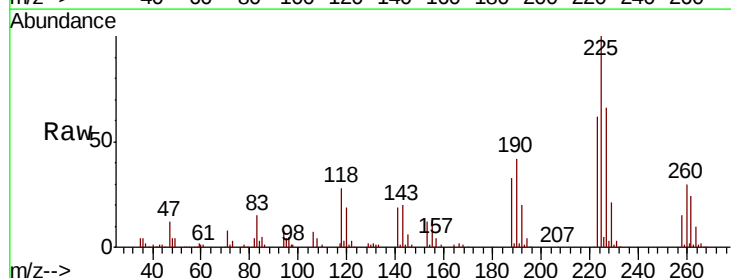
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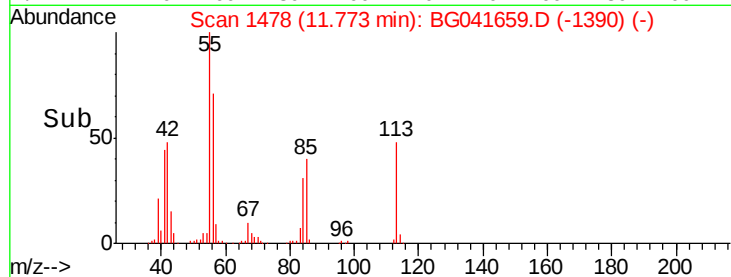
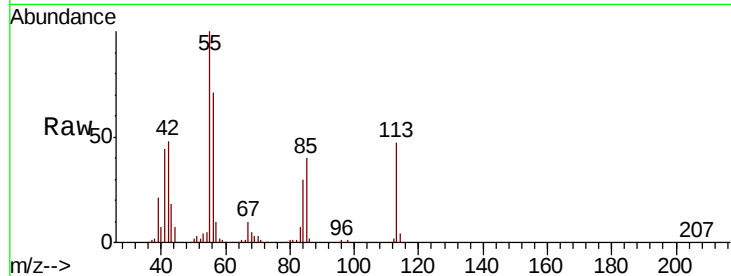
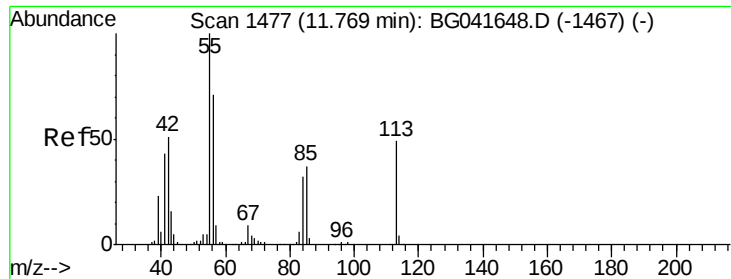
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#34
Hexachlorobutadiene
Concen: 29.127 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.1	76.7	
227	66.1	50.9	76.3	





#35

Caprolactam

Concen: 30.934 ng/mL

RT: 11.77 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleID :

PB121341BS

Tot Ion:113 Resp: 104933

Ion Ratio Lower Upper

113 100

55 211.6 199.4 239.4

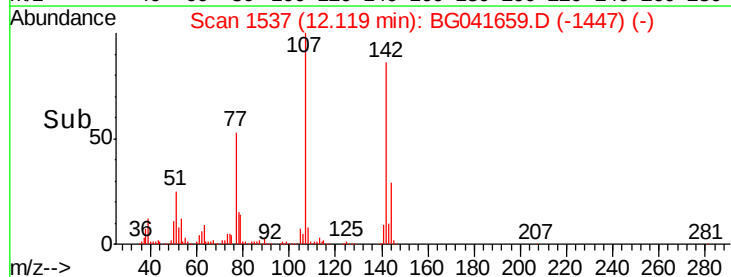
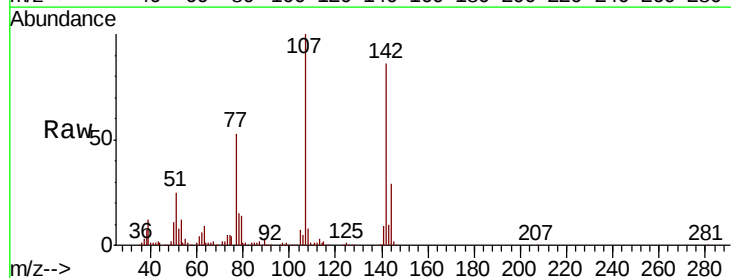
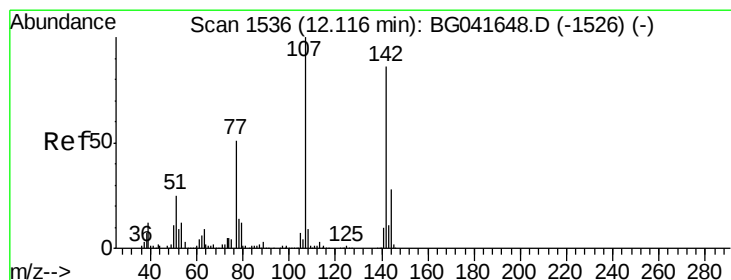
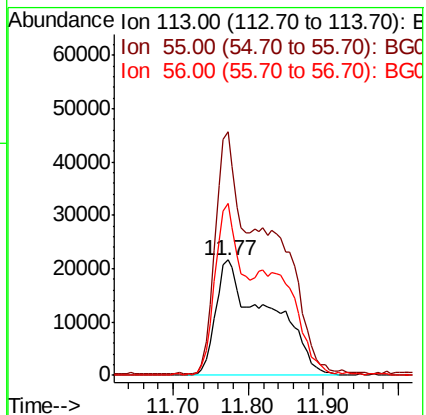
56 149.6 133.6 173.6

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#36

4-Chloro-3-methylphenol

Concen: 30.542 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

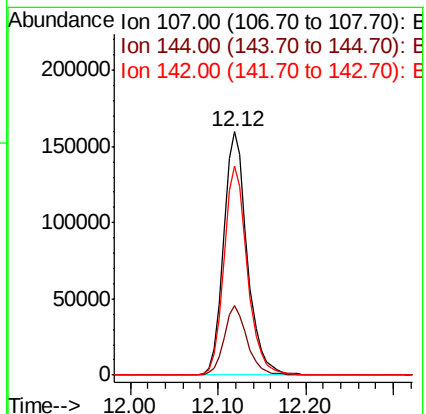
Tgt Ion:107 Resp: 295291

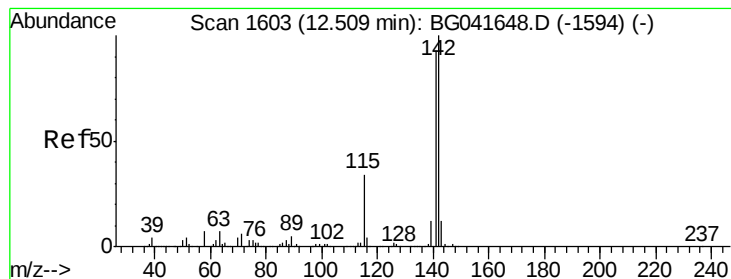
Ion Ratio Lower Upper

107 100

144 28.8 22.2 33.2

142 86.0 67.3 100.9





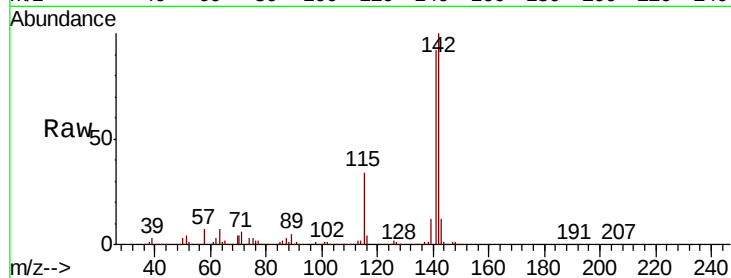
#37
2-Methylnaphthalene
Concen: 29.720 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.7	109.1
115	34.0	27.0	40.4

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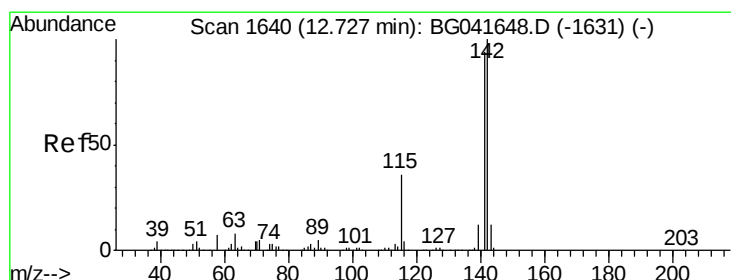
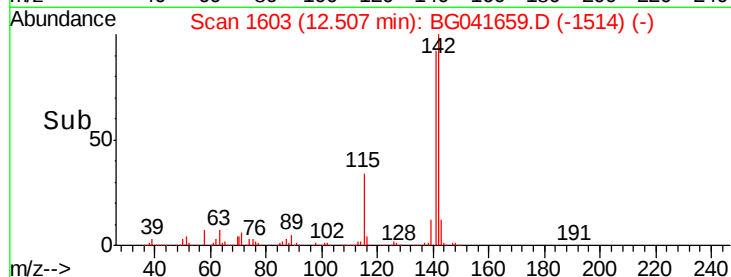
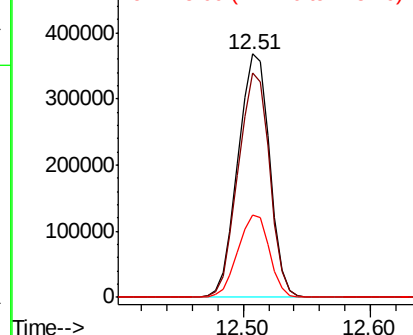


Abundance

Ion 142.00 (141.70 to 142.70): E

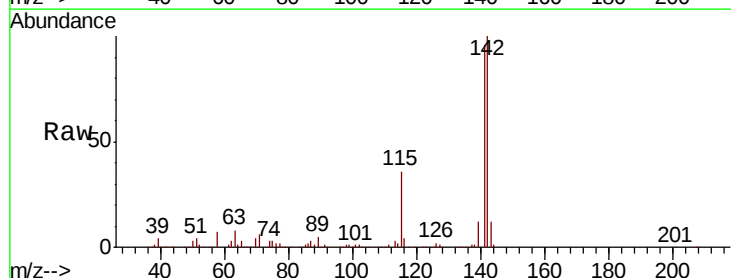
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 29.322 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.4	113.2
116	3.7	3.2	4.8

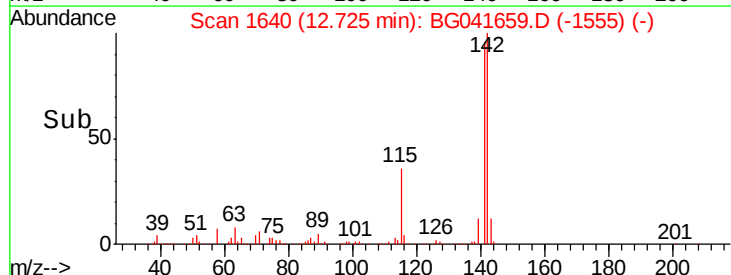
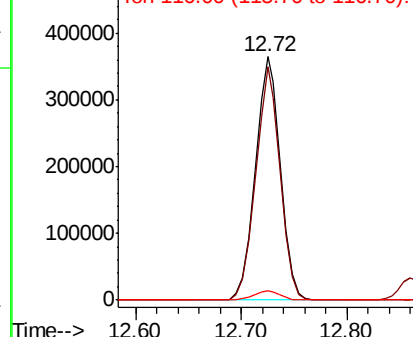


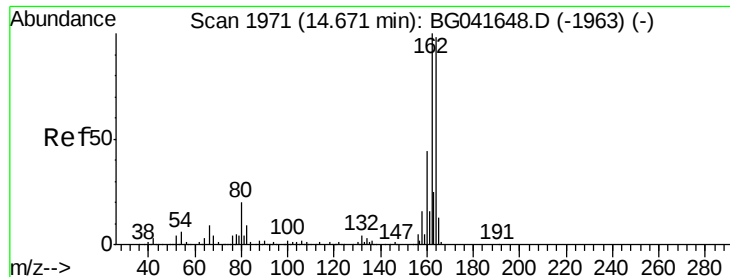
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





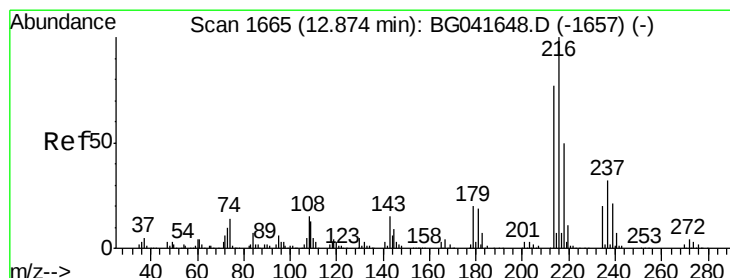
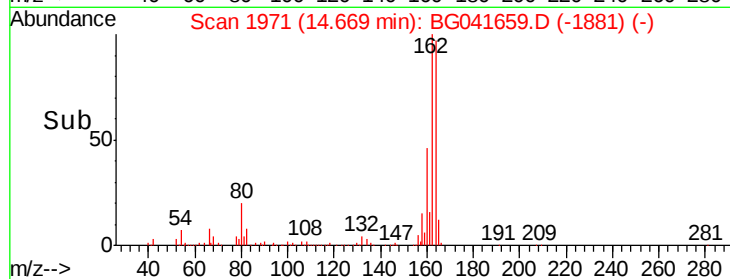
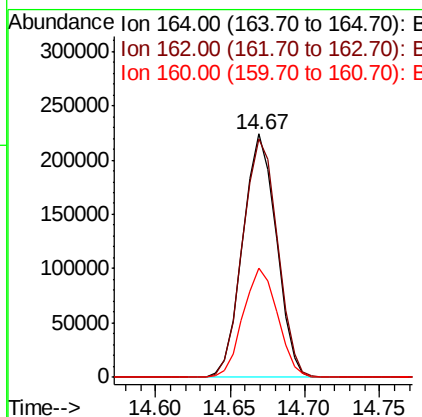
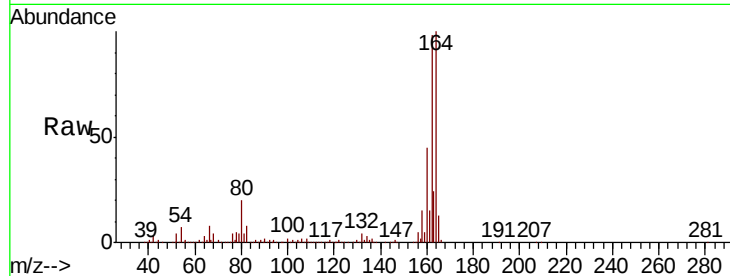
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.6	119.4
160	45.0	35.4	53.0

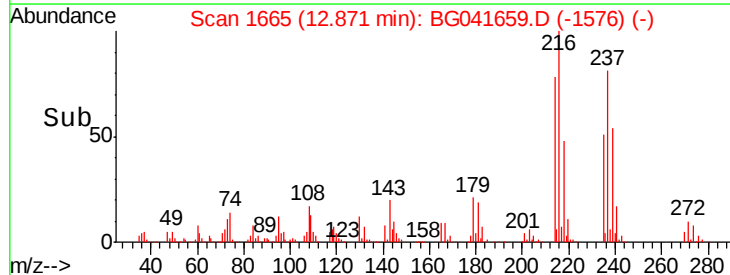
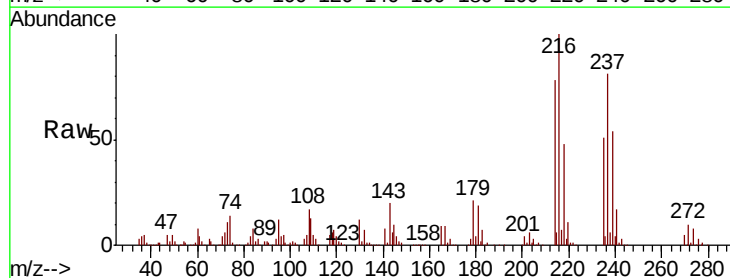
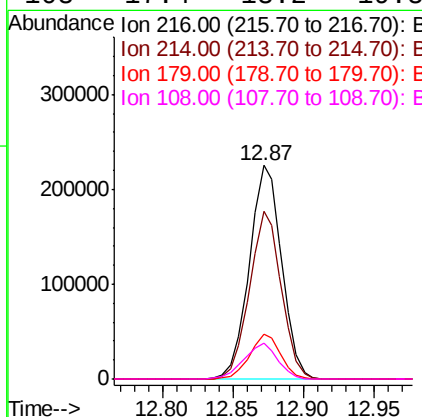
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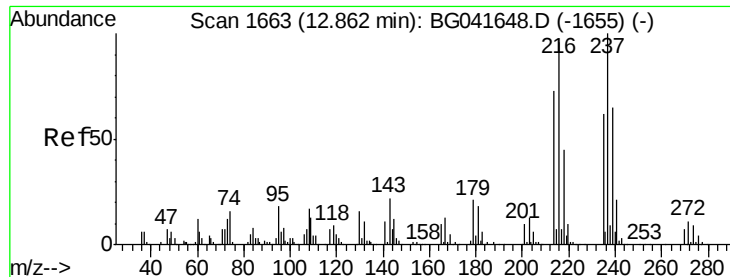
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.170 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.5	92.3
179	20.2	16.2	24.2
108	17.4	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 66.772 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

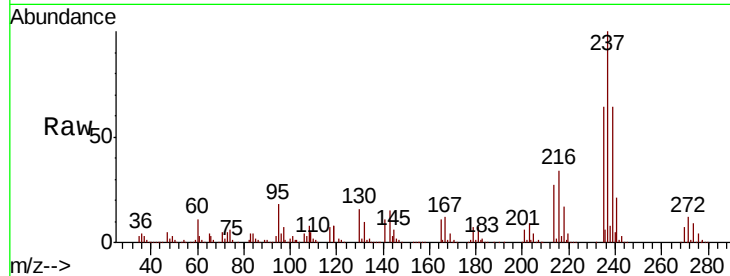
ClientSampleId :

PB121341BS

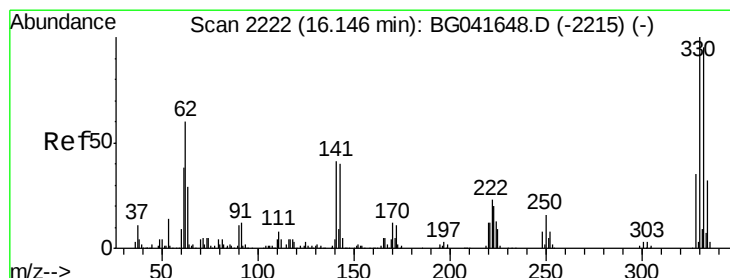
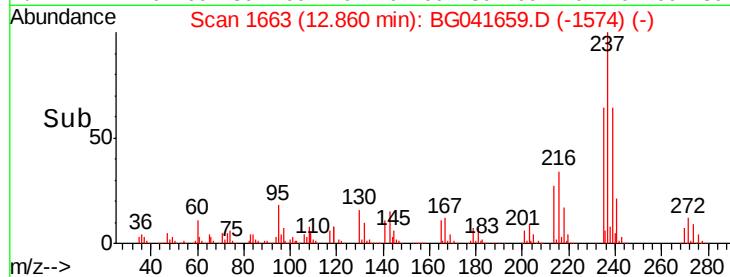
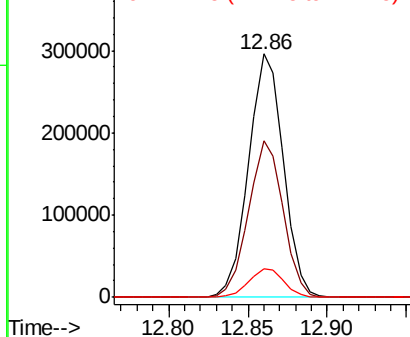
Tot Ion:	237	Resp:	452234
Ion Ratio	Lower	Upper	
237	100		
235	64.3	43.5	83.5
272	11.9	0.0	31.2

Manual Integrations
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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



#42

2,4,6-Tribromophenol

Concen: 154.508 ng

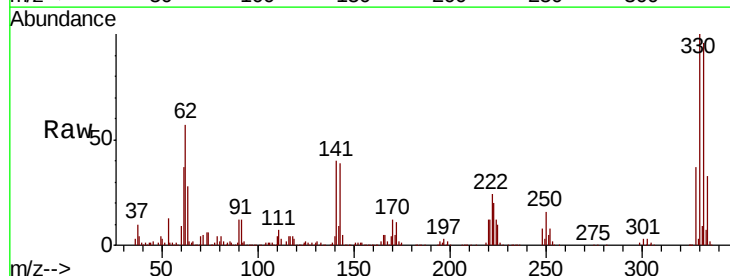
RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

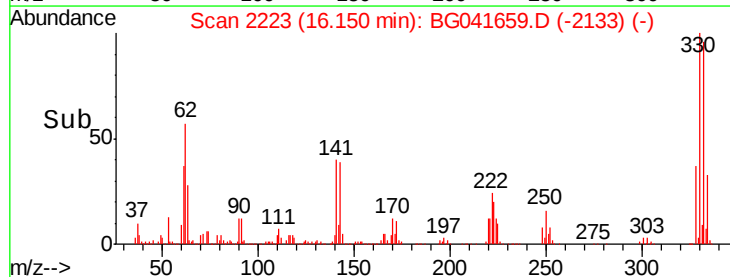
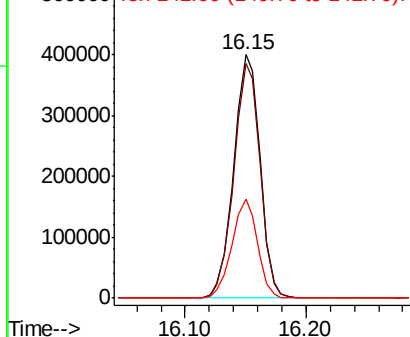
Lab File: BG041659.D

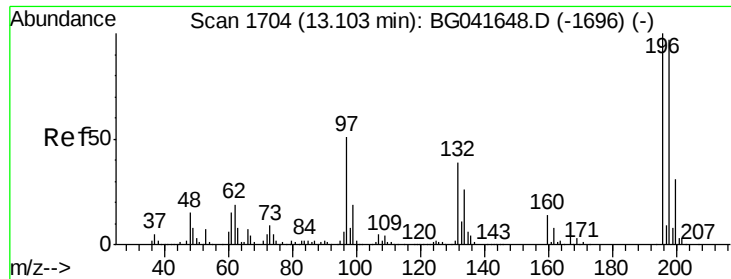
Acq: 16 Jul 2019 9:07

Tgt Ion:	330	Resp:	608635
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.0
141	39.6	31.9	47.9



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





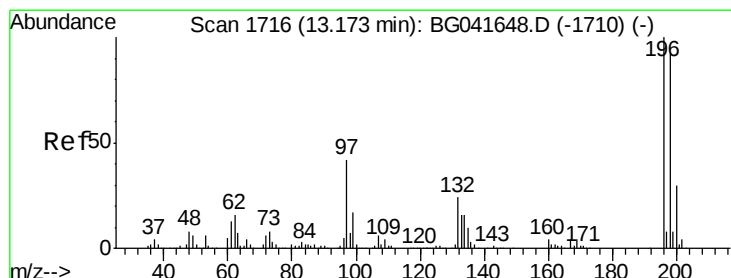
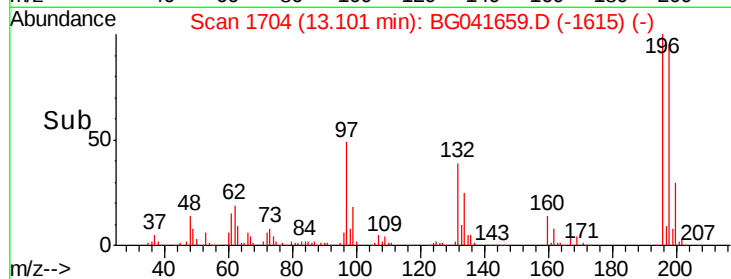
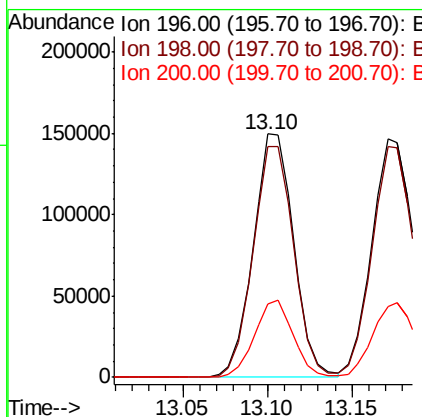
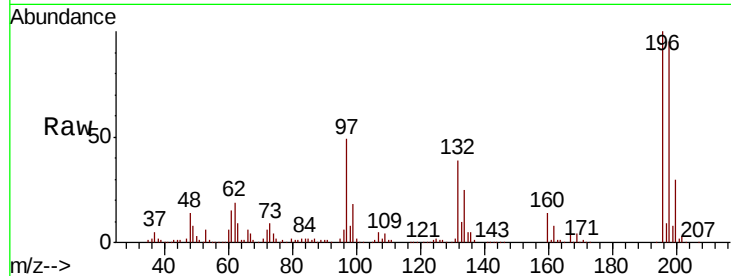
#43
 2,4,6-Trichlorophenol
 Concen: 31.952 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampled :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248572		
198	95.0	79.6	119.4	
200	30.2	25.2	37.8	

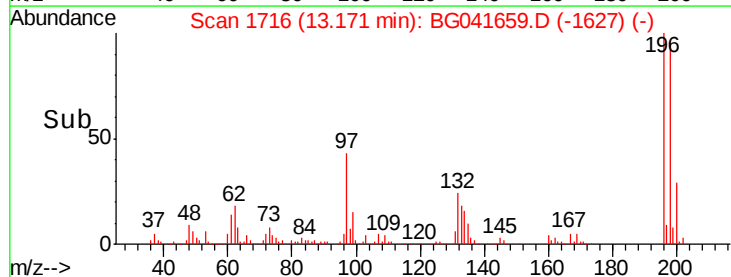
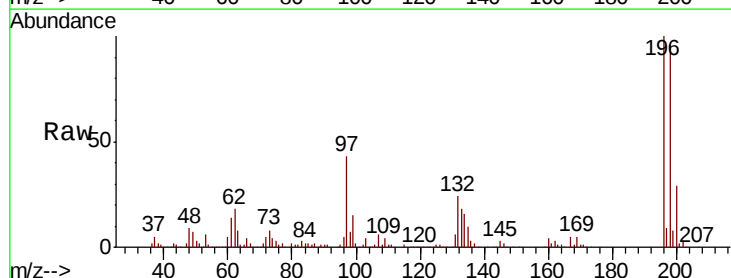
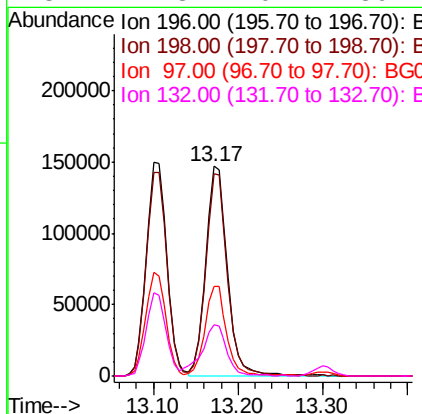
Manual Integrations
 APPROVED

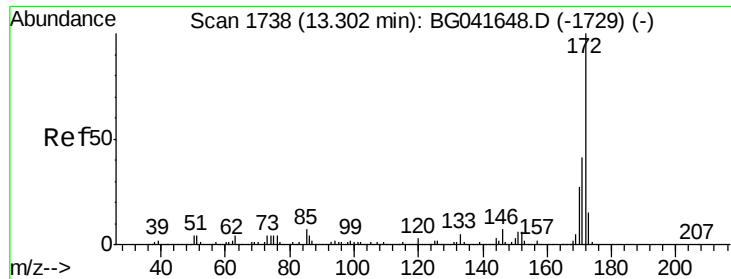
mohammad
 7/17/2019 12:04:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 32.270 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264504		
198	96.5	80.6	121.0	
97	43.0	33.9	50.9	
132	24.3	20.2	30.2	





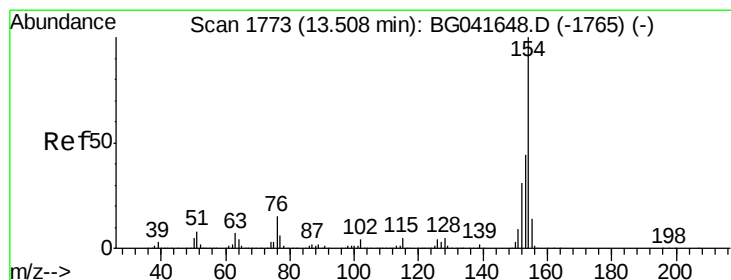
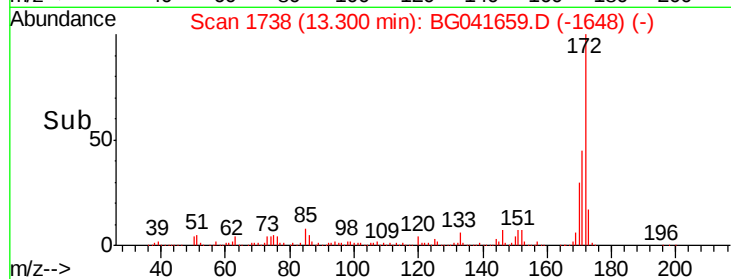
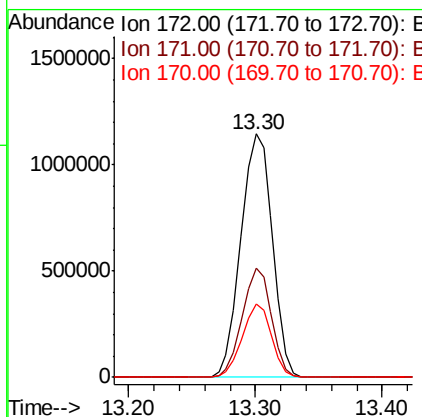
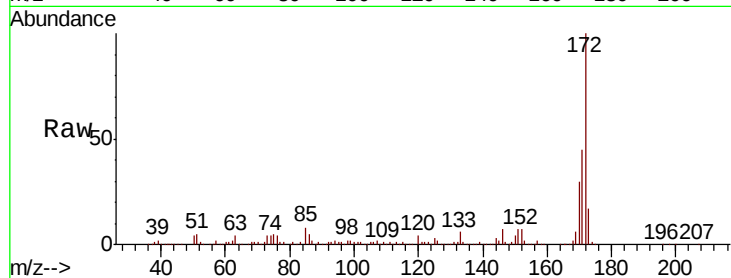
#45
2-Fluorobiphenyl
Concen: 87.588 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.8	35.0	52.4
170	30.0	23.5	35.3

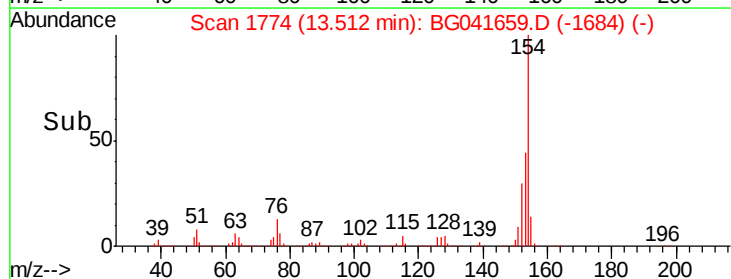
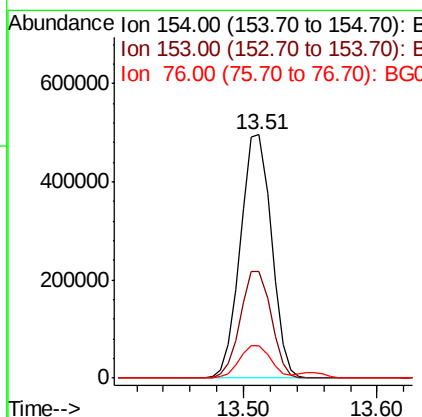
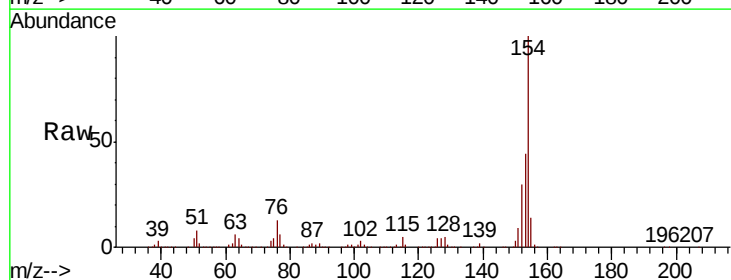
Manual Integrations
APPROVED

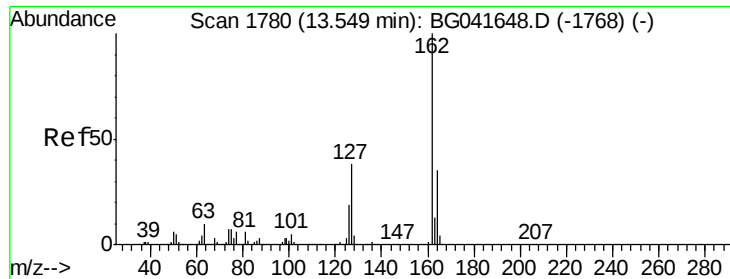
mohammad
7/17/2019 12:04:51 PM



#46
1,1'-Biphenyl
Concen: 30.536 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	25.0	65.0
76	13.2	0.0	34.5





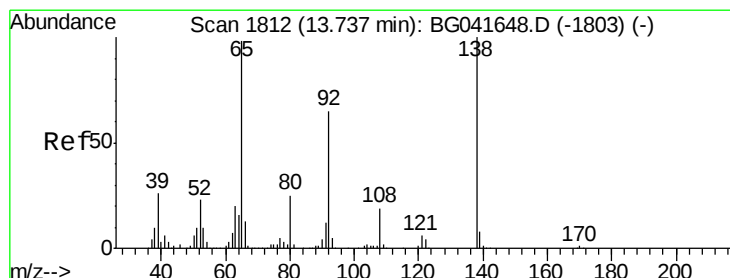
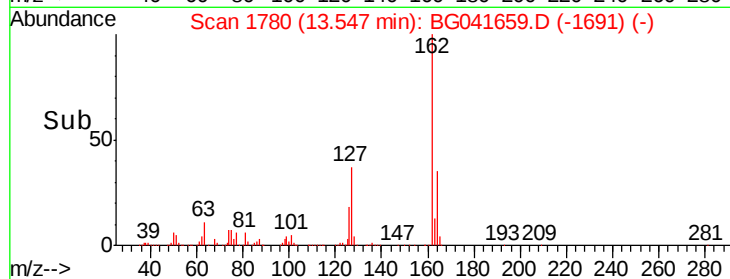
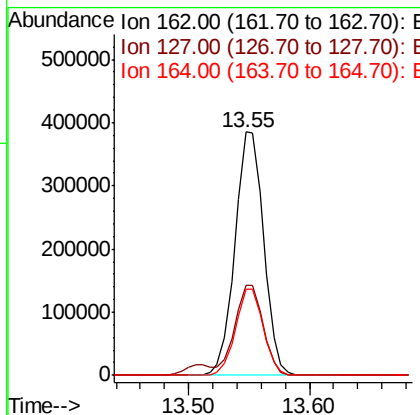
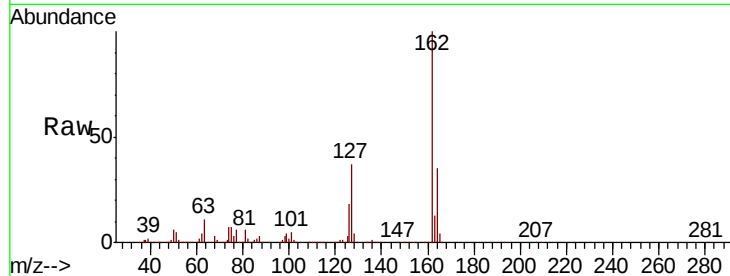
#47
2-Chloronaphthalene
Concen: 29.239 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.4	45.6
164	35.4	28.6	42.8

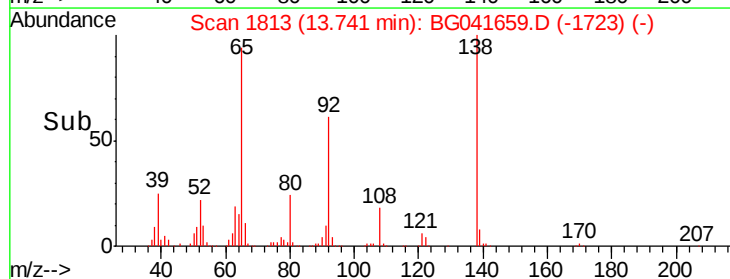
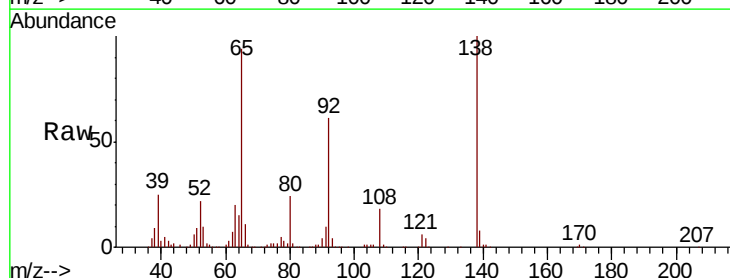
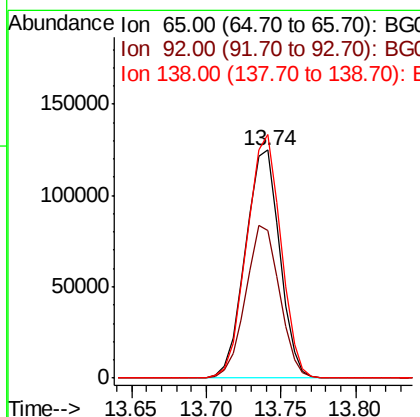
Manual Integrations
APPROVED

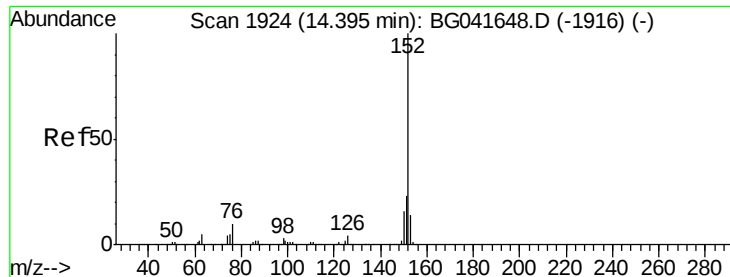
mohammad
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#48
2-Nitroaniline
Concen: 31.186 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	106.8	83.5	125.3





#49

Acenaphthylene

Concen: 29.948 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

PB121341BS

Tot Ion:152 Resp: 1020328

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

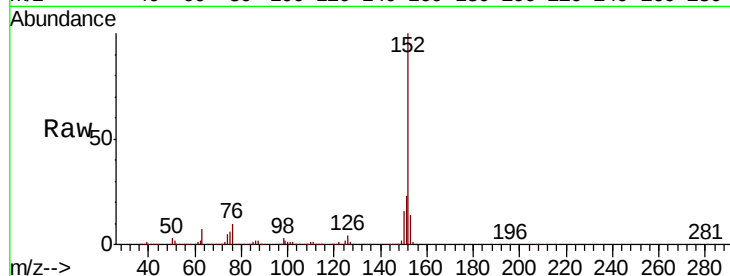
153 14.3 12.4 18.6

Manual Integrations

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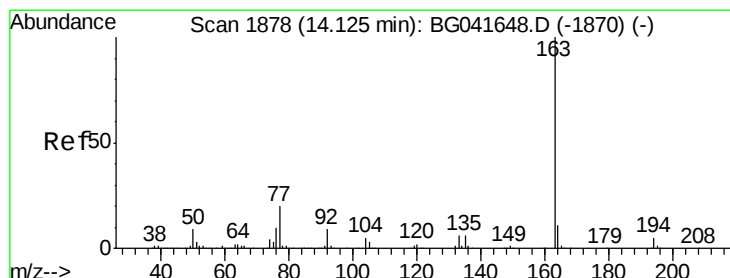
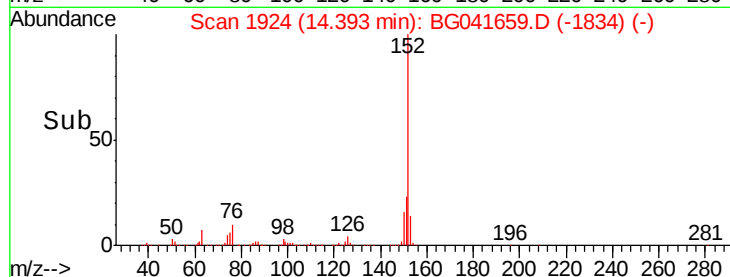
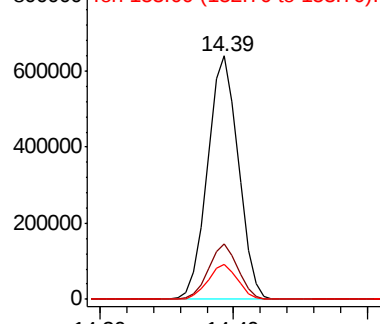


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 29.572 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

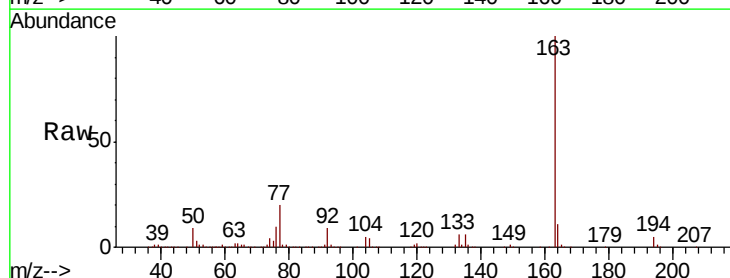
Tgt Ion:163 Resp: 811817

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 11.1 9.4 14.2

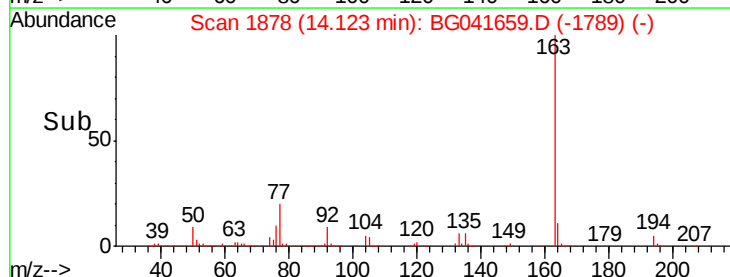
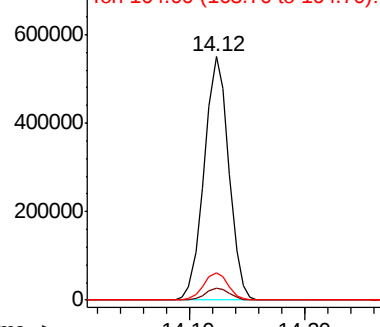


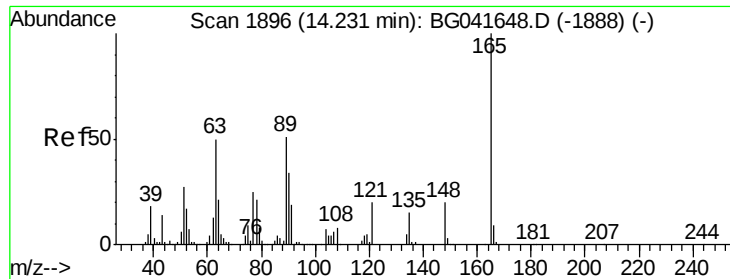
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





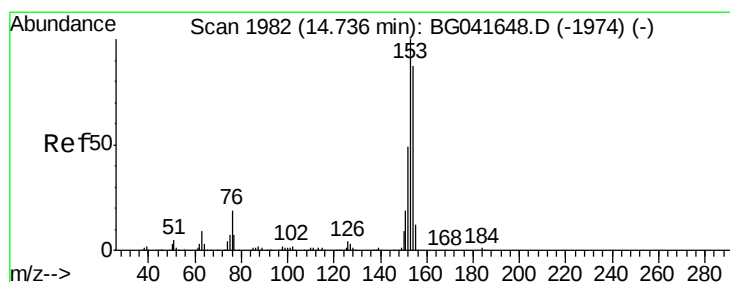
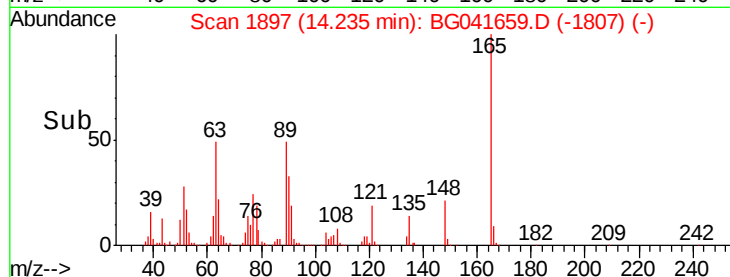
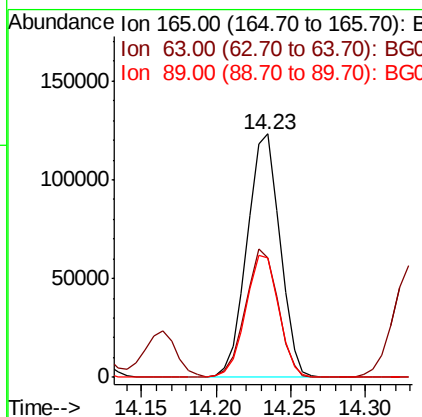
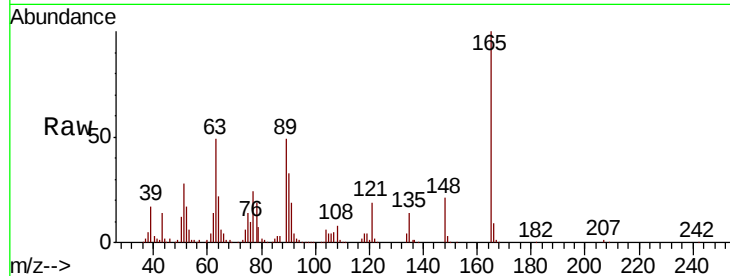
#51
2,6-Dinitrotoluene
Concen: 32.163 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	187279		
63	49.0		42.4	63.6
89	49.1		42.1	63.1

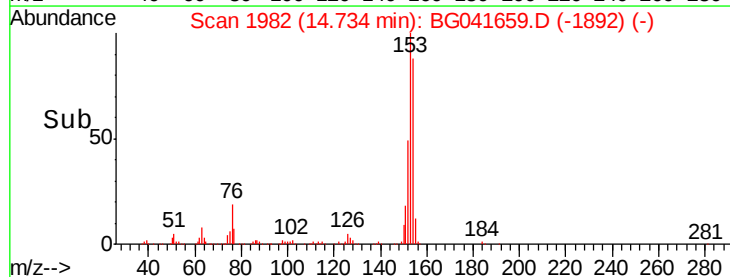
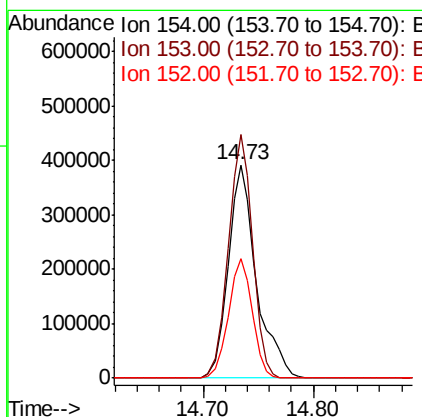
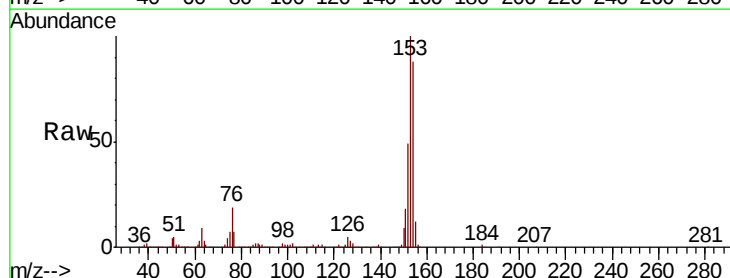
Manual Integrations
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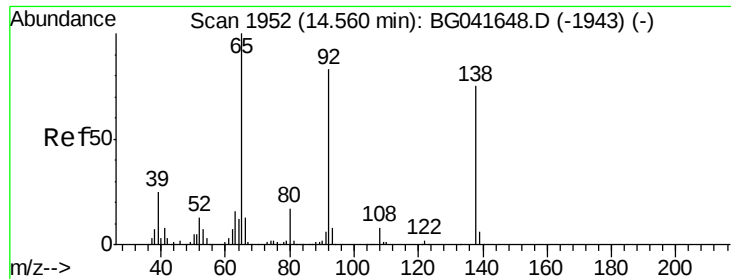
mohammad
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#52
Acenaphthene
Concen: 32.390 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	695426		
153	114.1		89.8	134.6
152	55.8		44.9	67.3





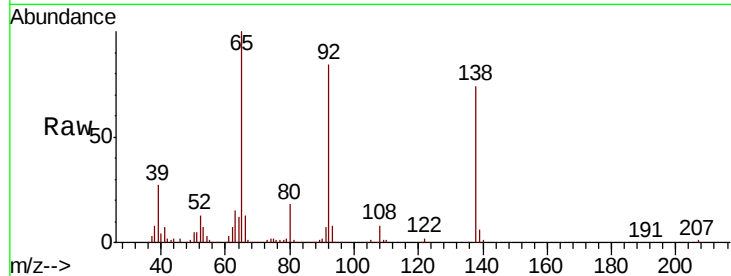
#53
3-Nitroaniline
Concen: 21.708 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	10.3	15.5
92	113.2	93.0	139.4

Manual Integrations
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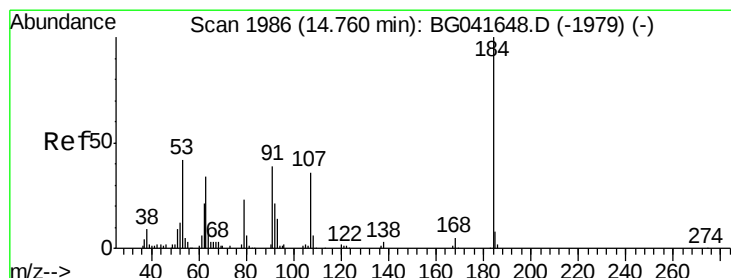
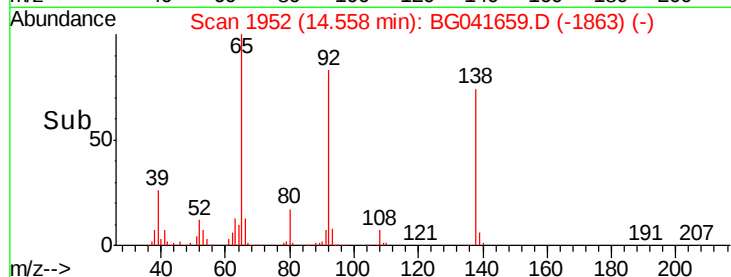
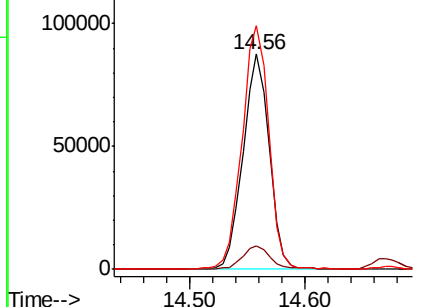


Abundance

Ion 138.00 (137.70 to 138.70): E

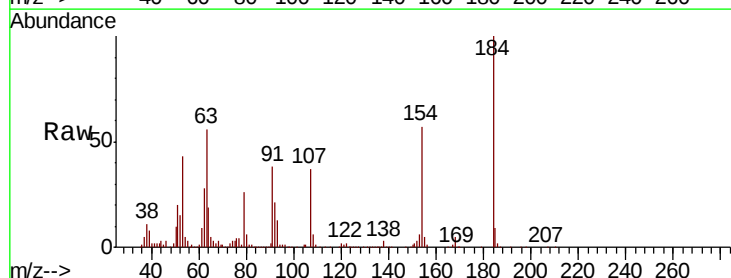
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 69.341 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.1	43.2	64.8
154	57.1	51.4	77.2

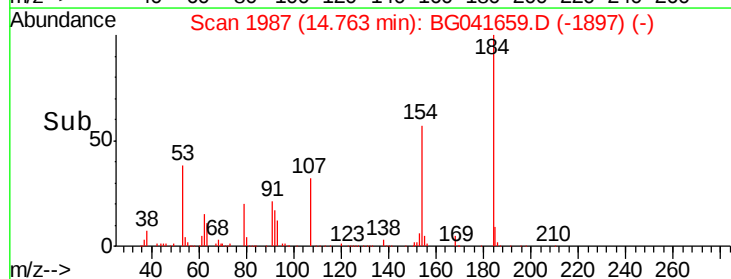
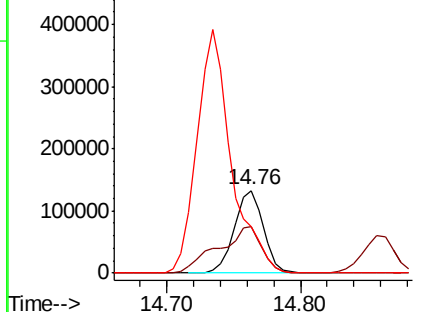


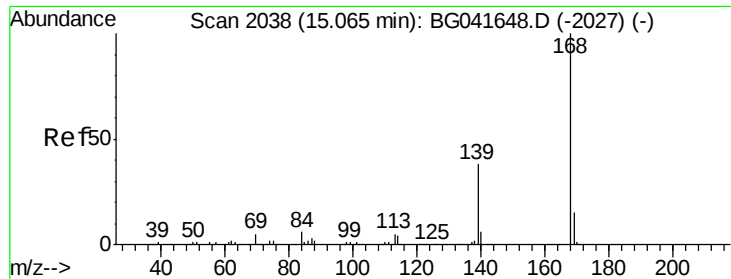
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





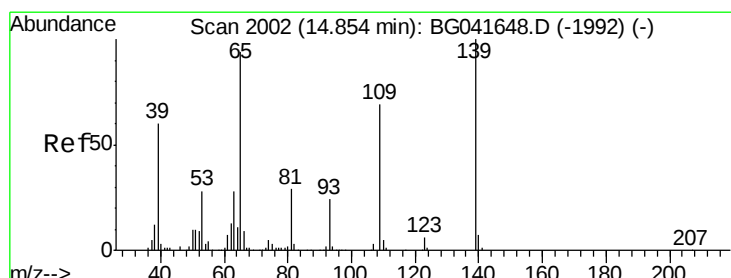
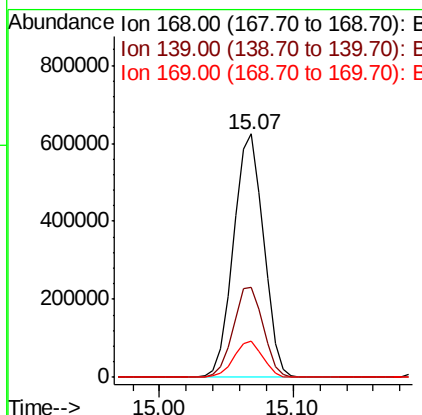
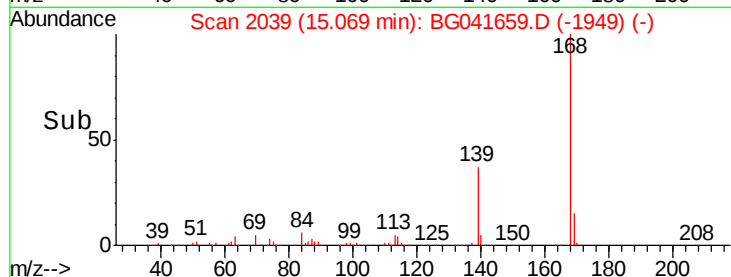
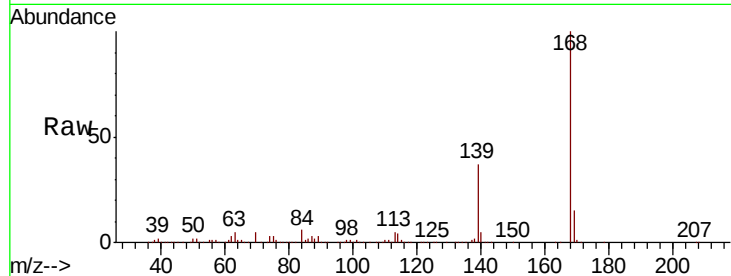
#55
Dibenzofuran
Concen: 30.340 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	977513		
139	37.0		31.9	47.9
169	14.9		12.5	18.7

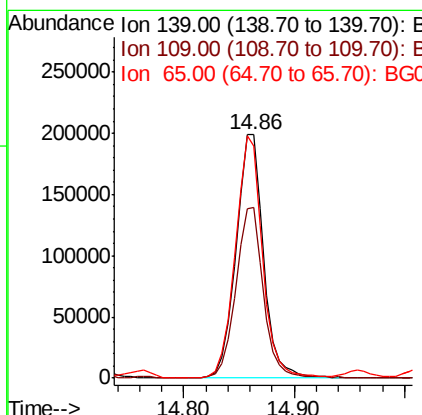
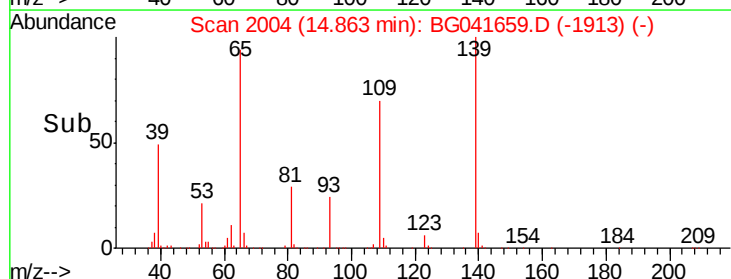
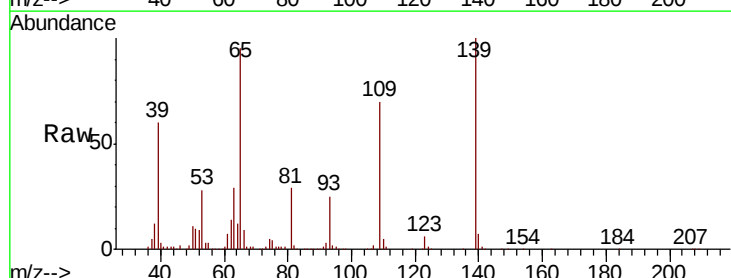
Manual Integrations
APPROVED

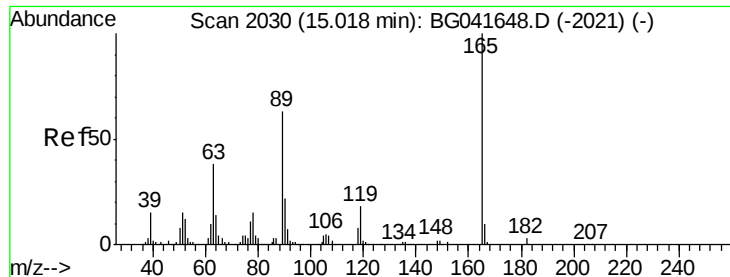
mohammad
7/17/2019 12:04:51 PM



#56
4-Nitrophenol
Concen: 67.247 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	346068		
109	70.1		51.3	91.3
65	95.3		77.6	117.6





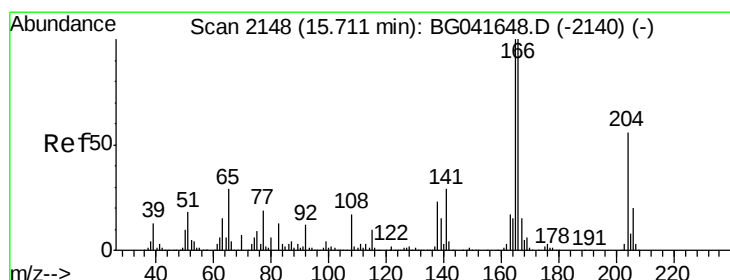
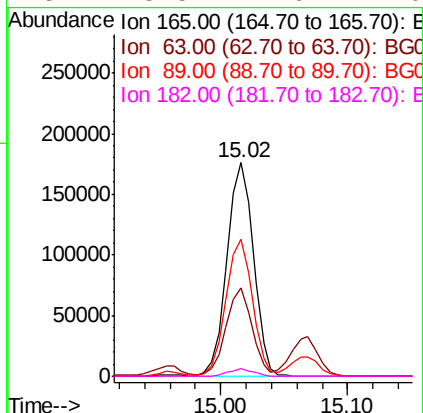
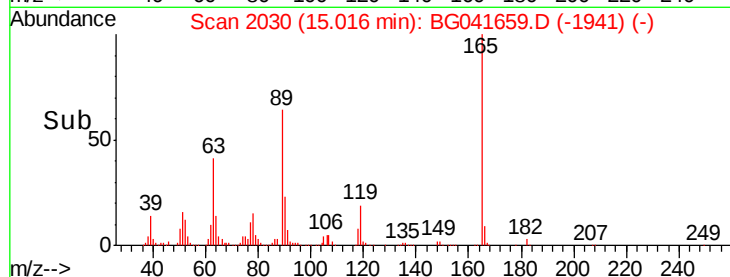
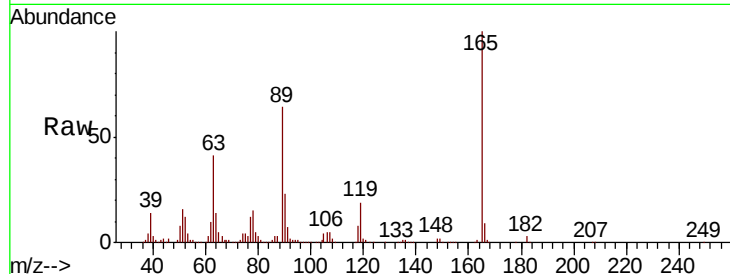
#57
2,4-Dinitrotoluene
Concen: 33.009 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	254079		
63	41.1		31.7	47.5
89	64.0		50.2	75.4
182	3.5		2.6	4.0

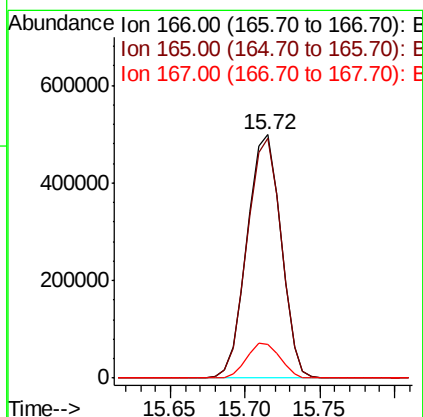
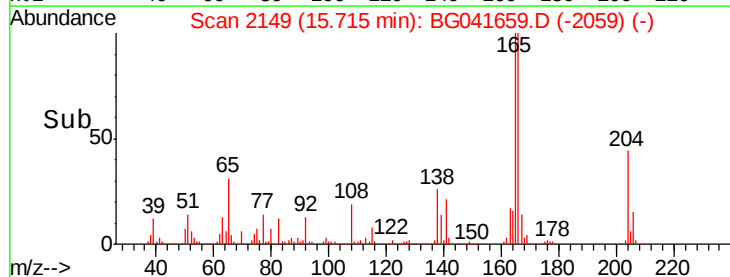
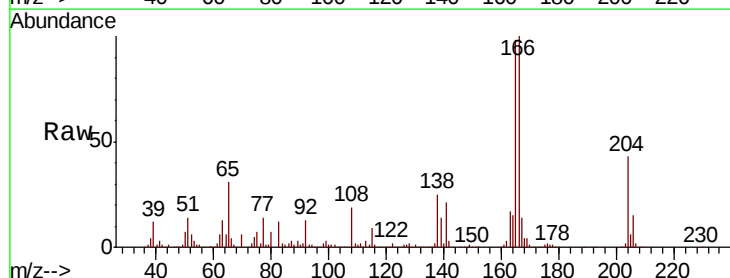
Manual Integrations
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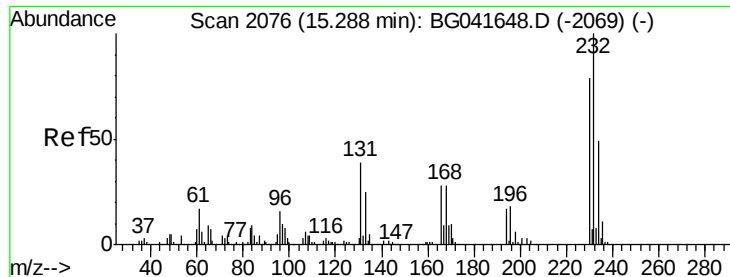
mohammad
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#58
Fluorene
Concen: 29.987 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	786123		
165	98.4		80.5	120.7
167	14.1		12.4	18.6





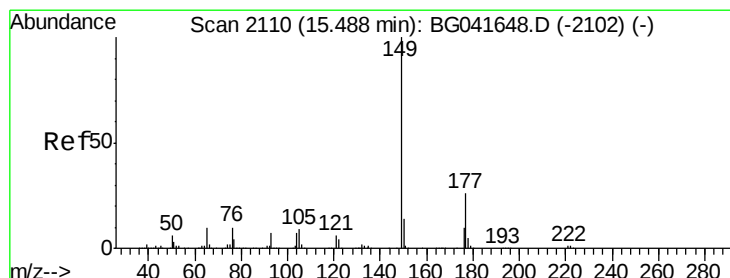
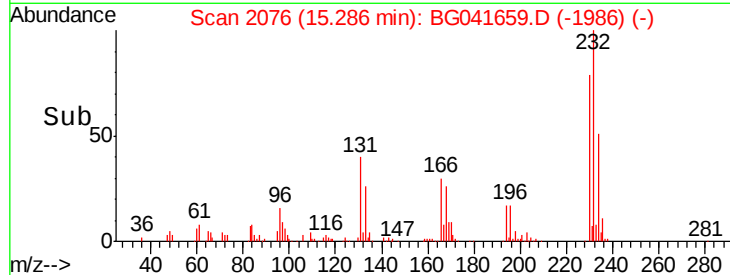
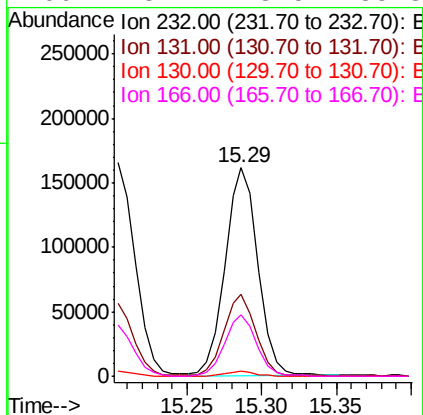
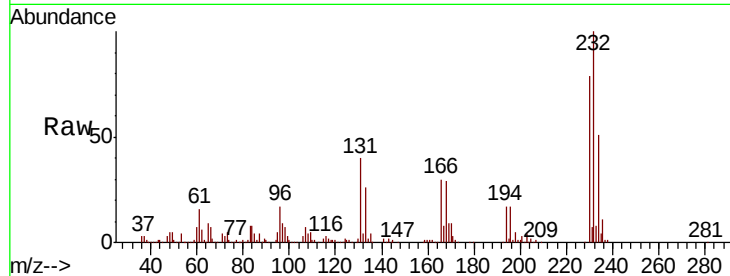
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.583 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246557		
131	38.6		31.8	47.6
130	2.2		1.8	2.8
166	28.4		23.5	35.3

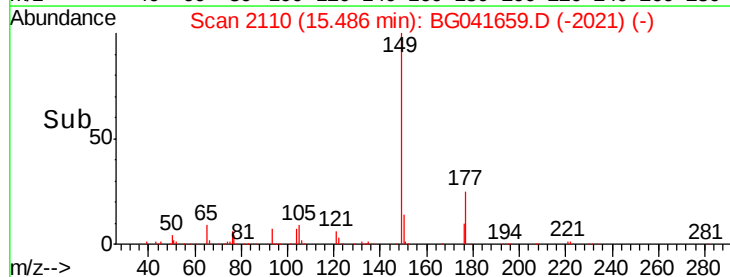
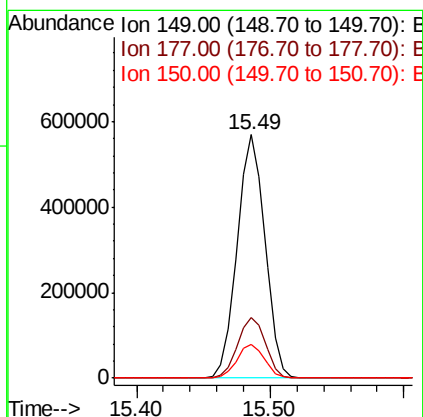
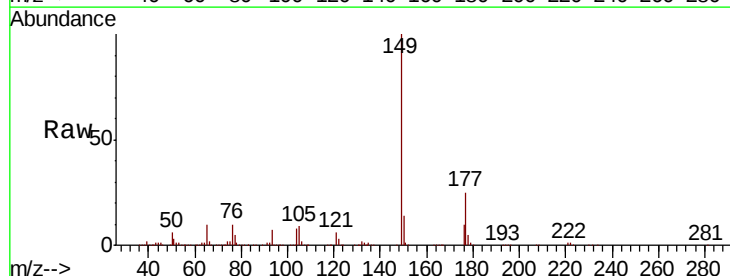
Manual Integrations
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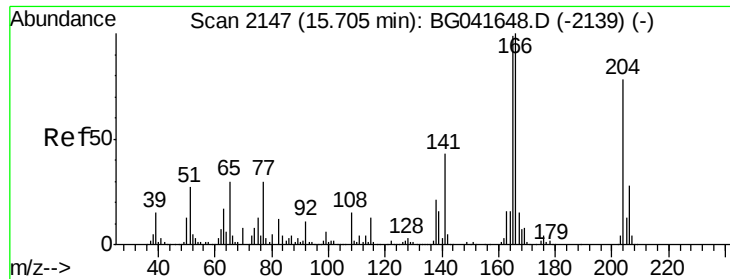
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#60
 Diethylphthalate
 Concen: 29.615 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	819028		
177	24.9		20.7	31.1
150	14.0		11.5	17.3





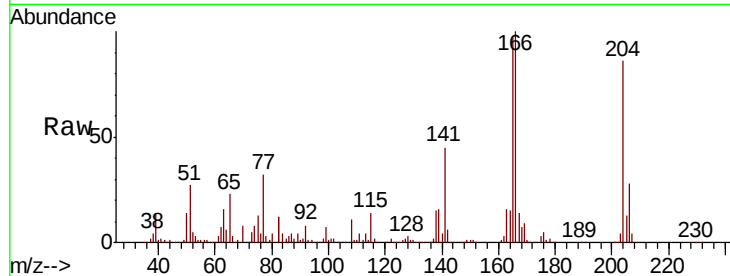
#61
4-Chlorophenyl-phenylether
Concen: 30.159 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	446921		
206	33.2	28.6	42.8	
141	52.7	42.9	64.3	

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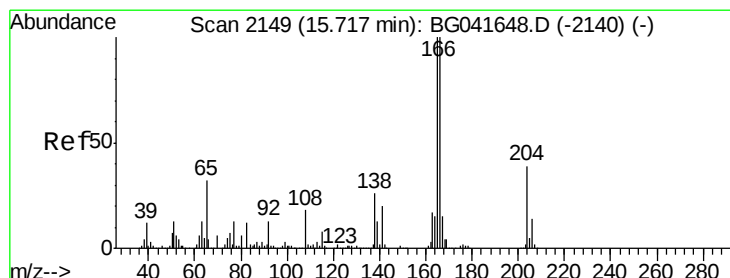
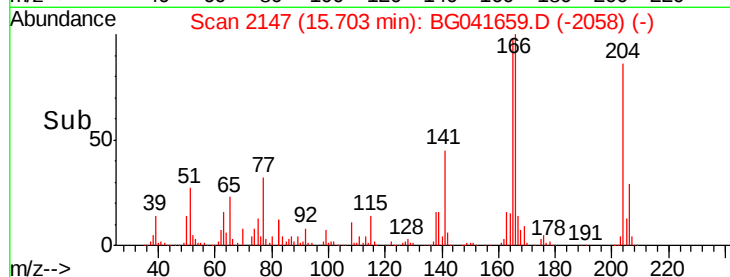
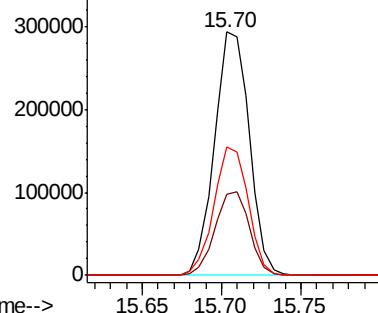


Abundance

Ion 204.00 (203.70 to 204.70): E

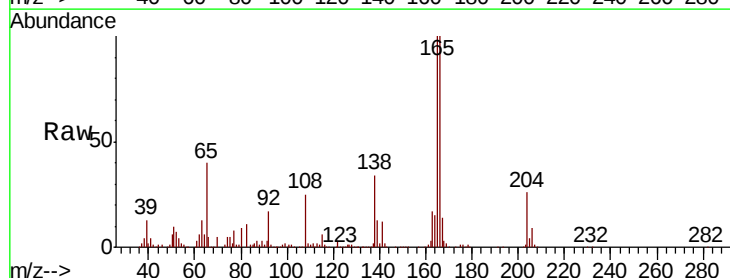
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.833 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	207858		
92	48.9	29.8	69.8	
108	72.4	52.2	92.2	

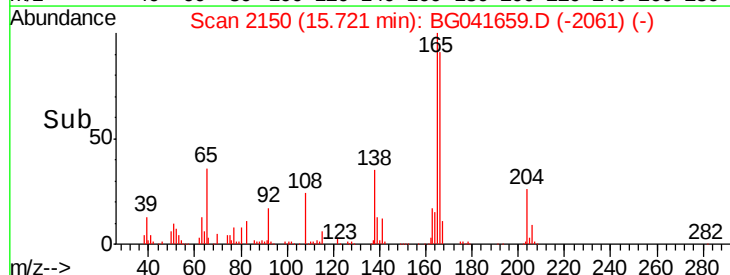
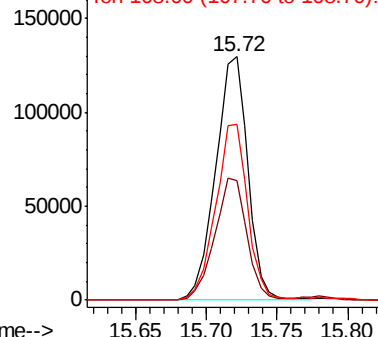


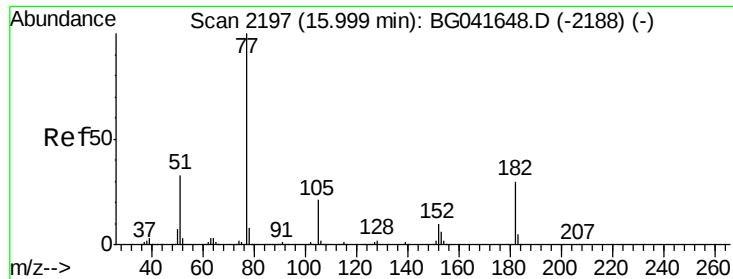
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





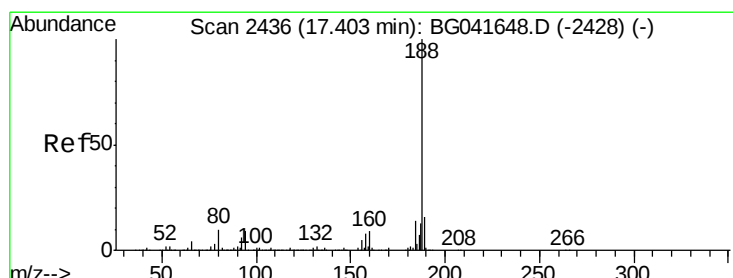
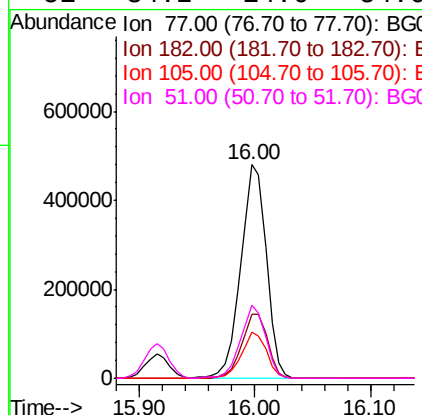
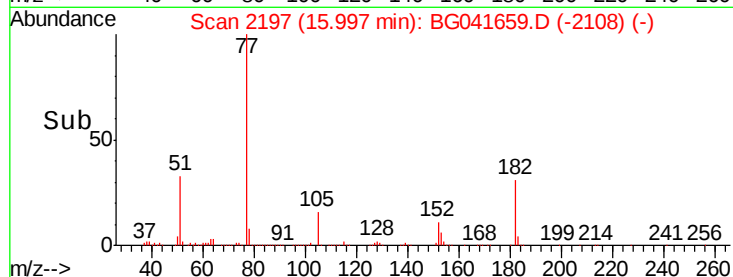
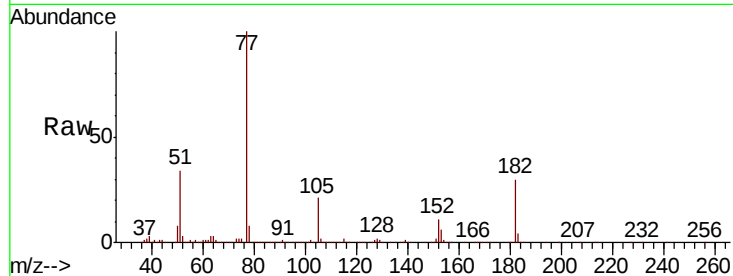
#63
Azobenzene
Concen: 29.431 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.0	13.2	53.2	
105	21.4	2.2	42.2	
51	34.2	14.6	54.6	

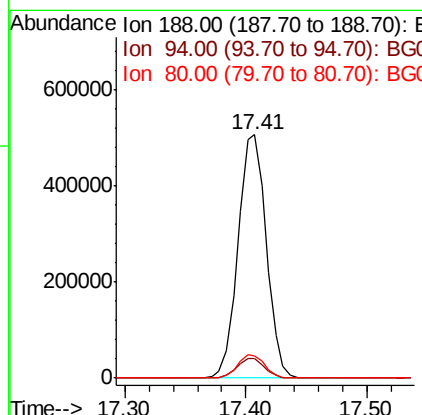
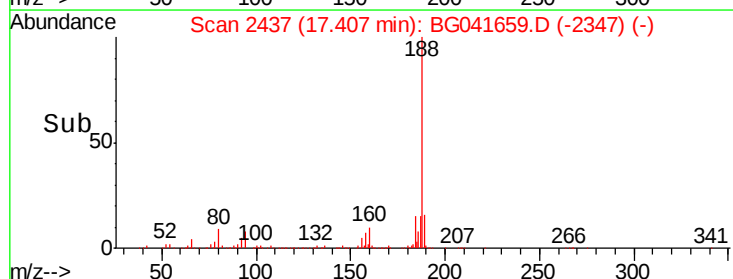
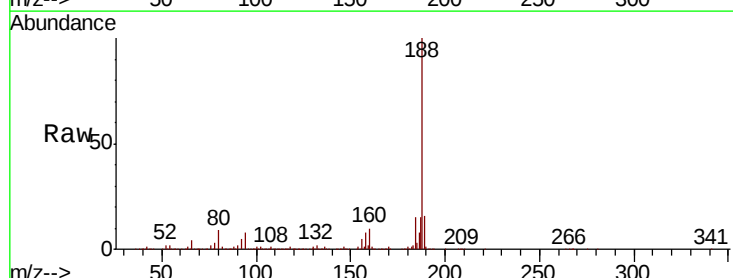
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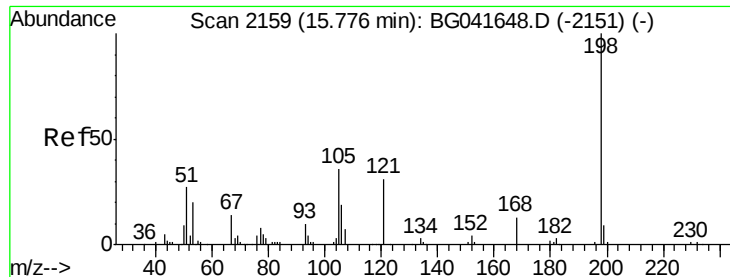
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	6.9	10.3	
80	9.2	8.0	12.0	





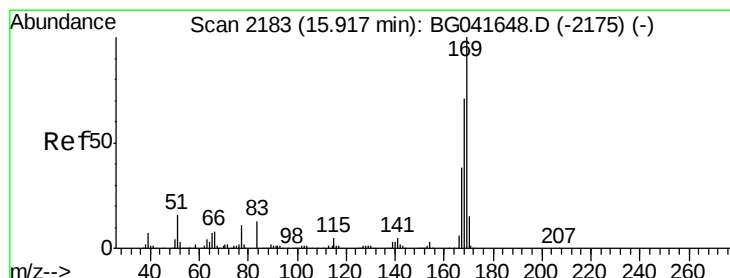
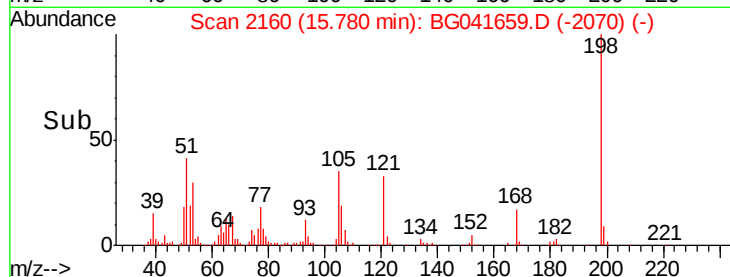
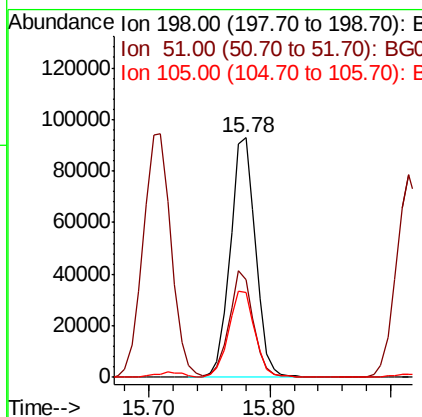
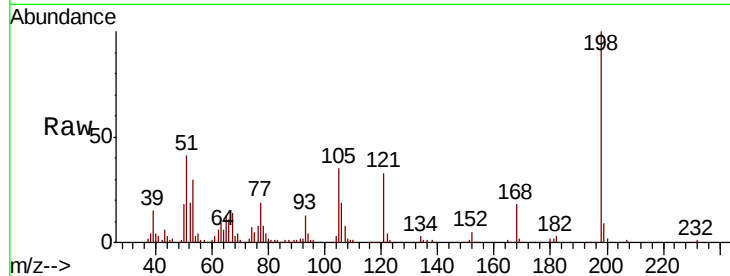
#65
4,6-Dinitro-2-methylphenol
Concen: 36.549 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	135384		
51	40.7	22.3	62.3	
105	35.4	18.0	58.0	

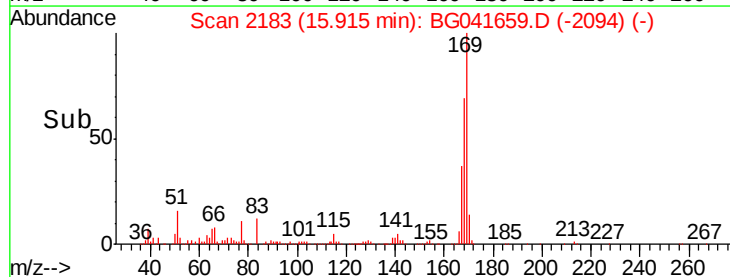
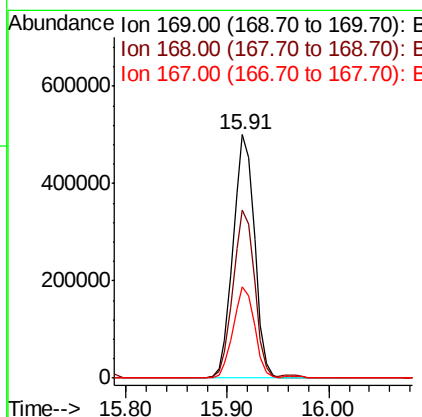
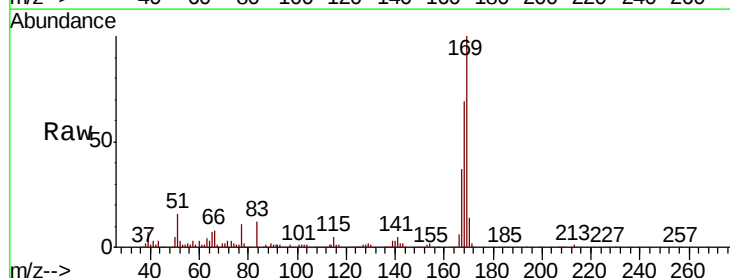
Manual Integrations
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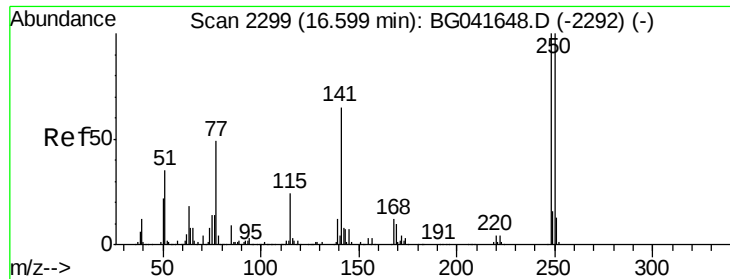
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#66
n-Nitrosodiphenylamine
Concen: 30.461 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	735201		
168	69.1	56.9	85.3	
167	37.5	31.5	47.3	





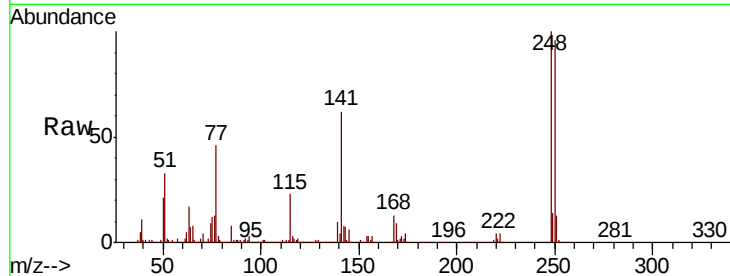
#67
4-Bromophenyl-phenylether
Concen: 29.930 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	292697		
250	95.9		78.1	117.1
141	62.0		49.6	74.4

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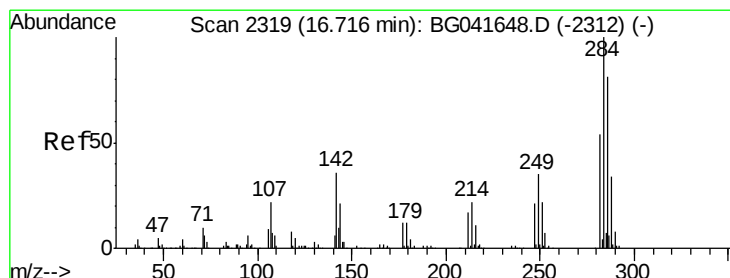
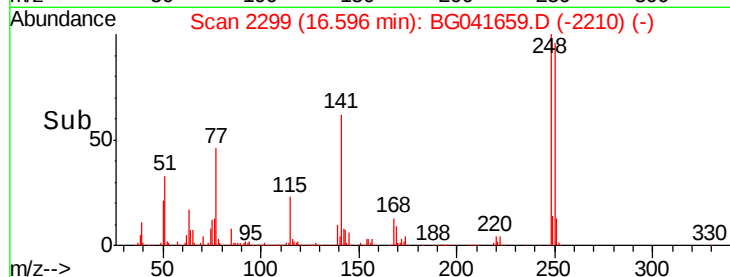
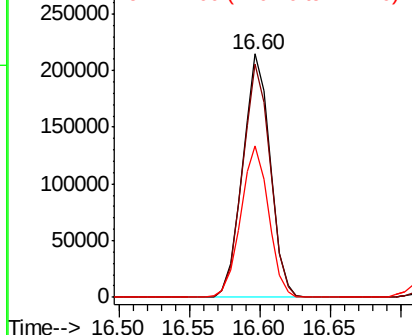


Abundance

Ion 248.00 (247.70 to 248.70): E

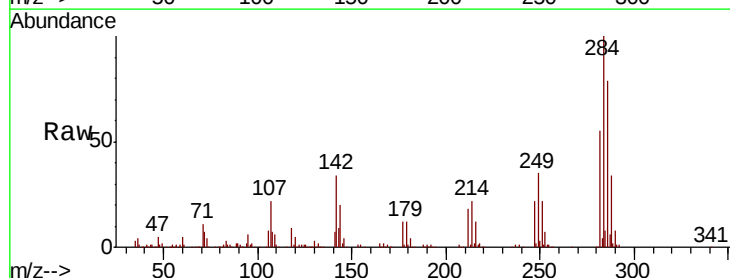
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 28.920 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	284798		
142	34.3		27.0	40.6
249	34.5		28.4	42.6

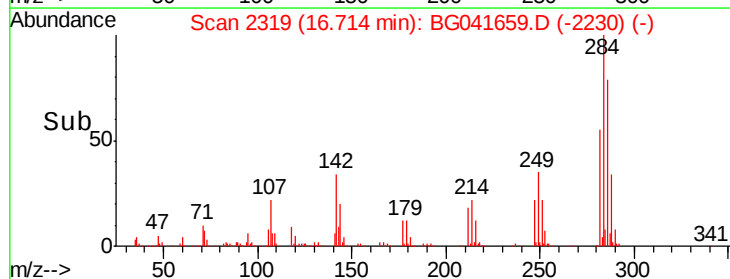
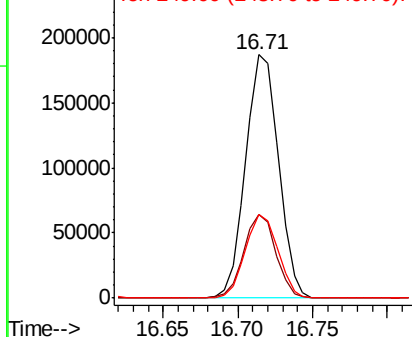


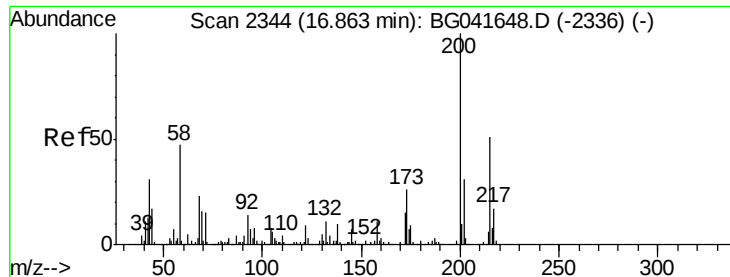
Abundance

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





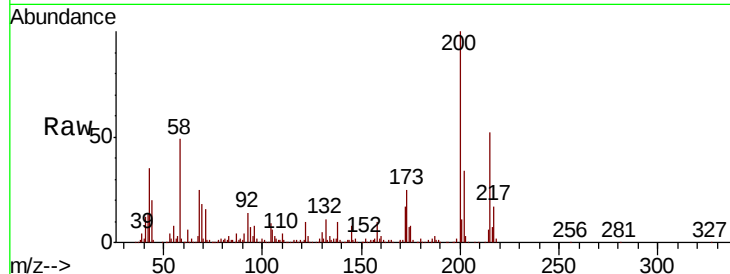
#69
Atrazine
Concen: 32.109 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	281236		
173	25.5	5.3	45.3	
215	52.1	31.8	71.8	

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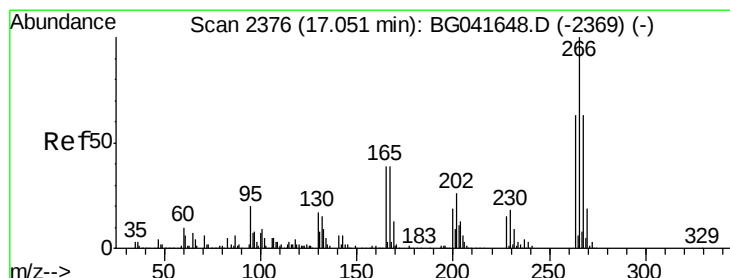
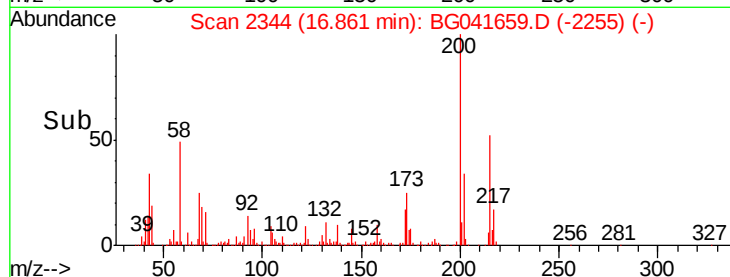
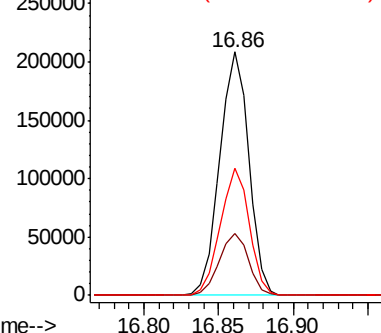


Abundance

Ion 200.00 (199.70 to 200.70): E

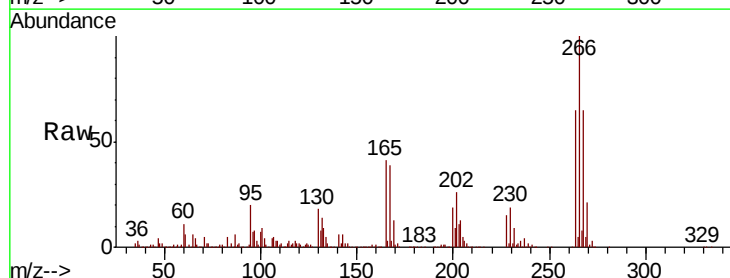
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.146 ng
RT: 17.05 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	413447		
268	64.9	52.9	79.3	
264	65.1	51.4	77.2	

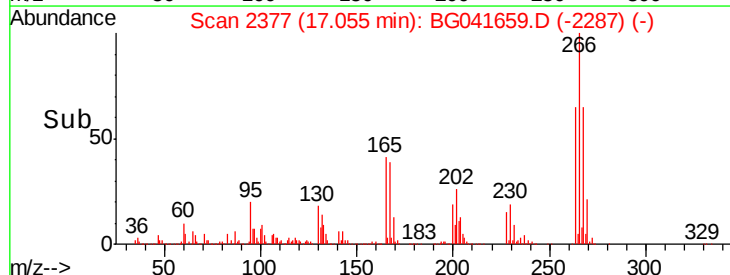
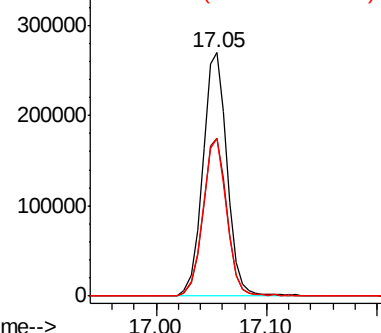


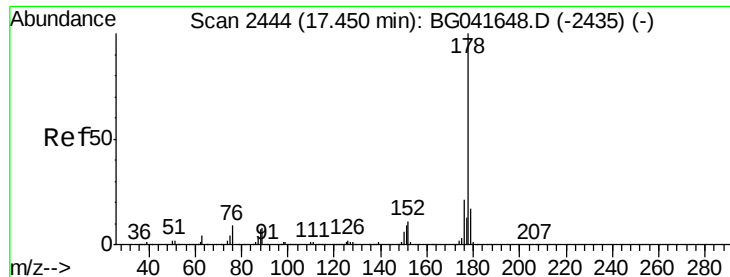
Abundance

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





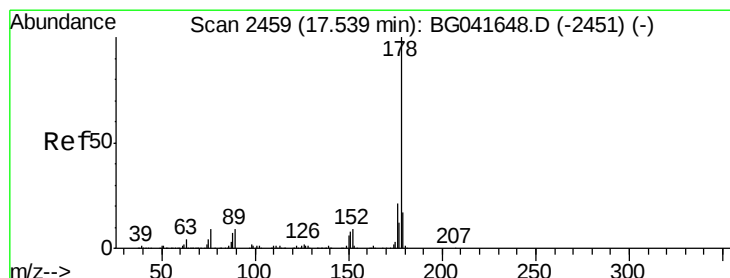
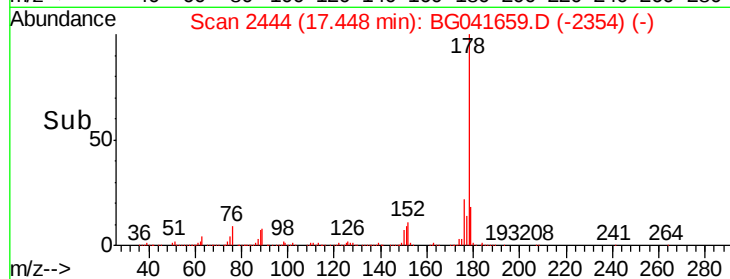
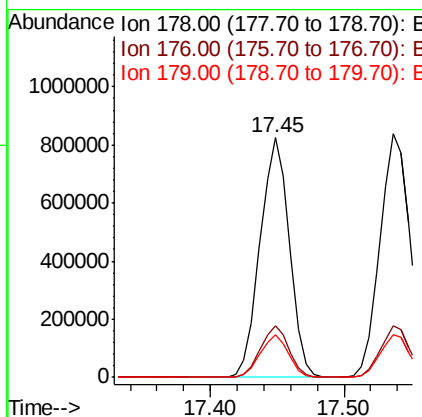
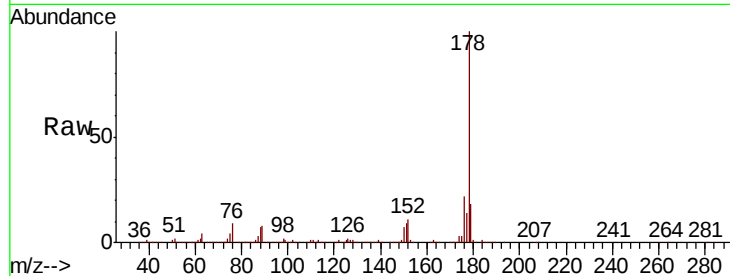
#71
Phenanthrene
Concen: 30.138 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion:178 Resp: 1247433
Ion Ratio Lower Upper
178 100
176 21.7 18.6 28.0
179 18.0 15.4 23.0

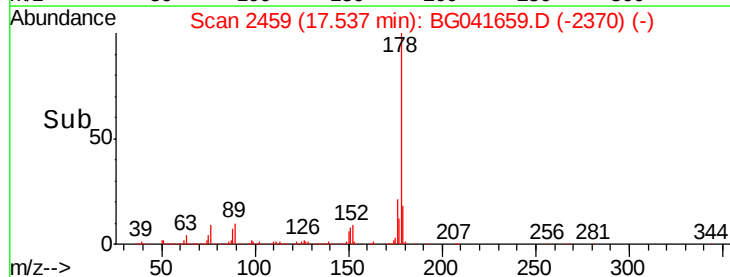
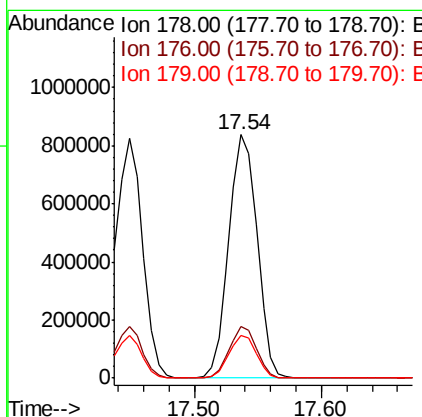
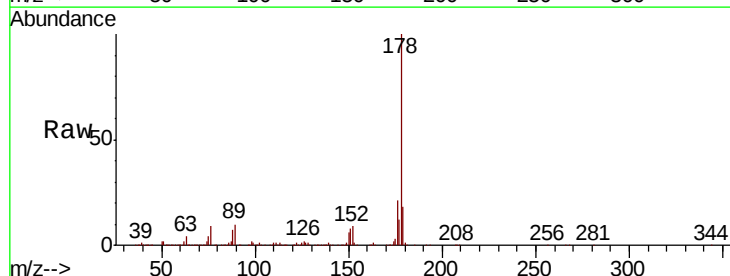
Manual Integrations
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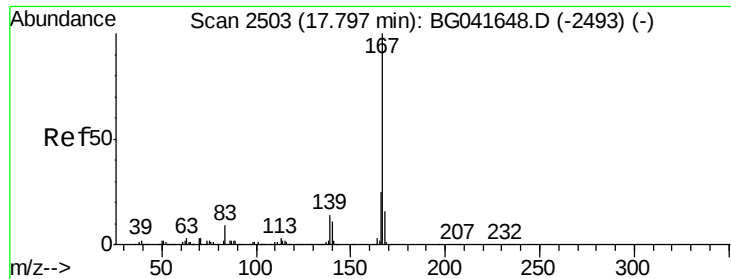
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#72
Anthracene
Concen: 31.395 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:178 Resp: 1295294
Ion Ratio Lower Upper
178 100
176 21.2 18.6 28.0
179 17.8 15.1 22.7





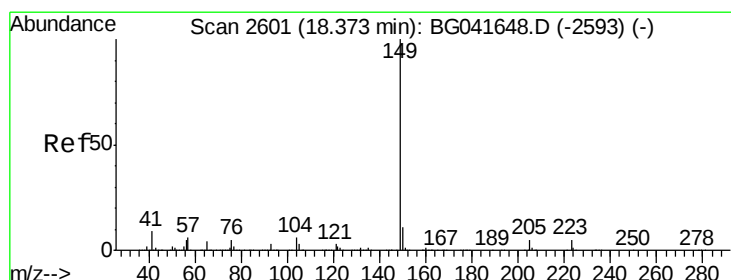
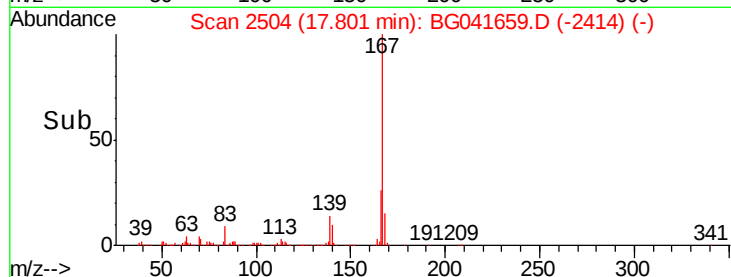
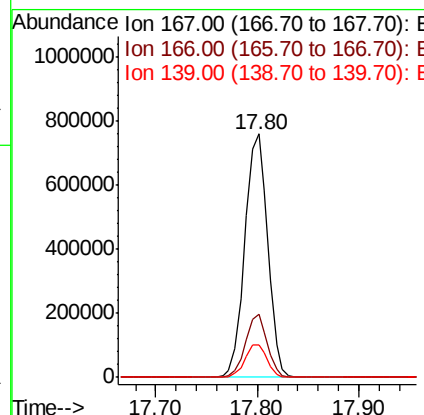
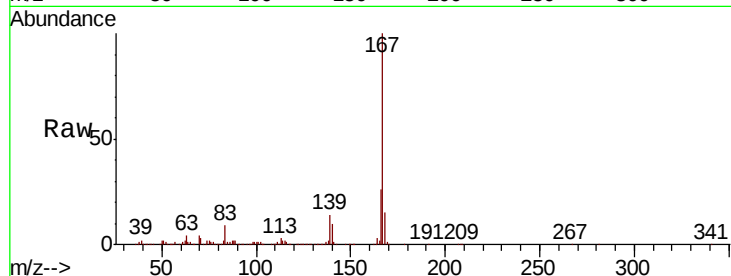
#73
 Carbazole
 Concen: 31.084 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.8	21.4	32.2
139	13.6	12.1	18.1

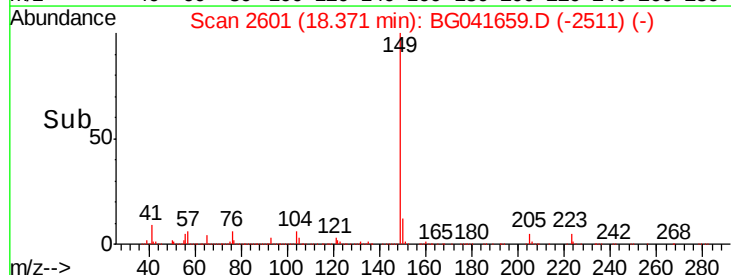
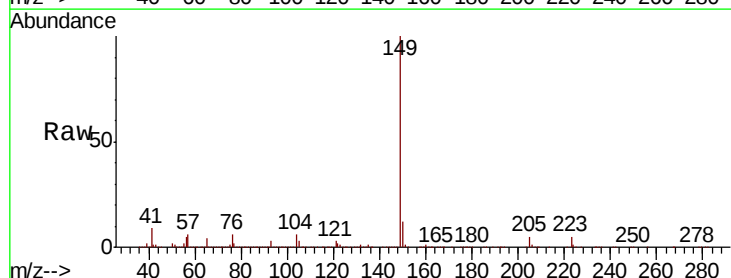
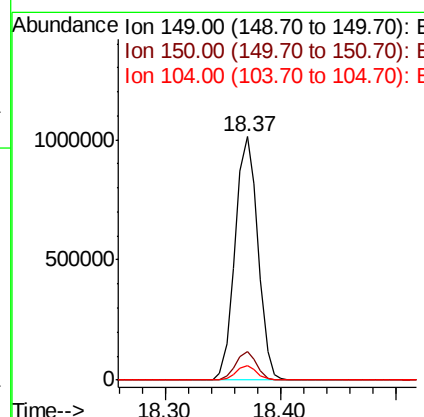
Manual Integrations
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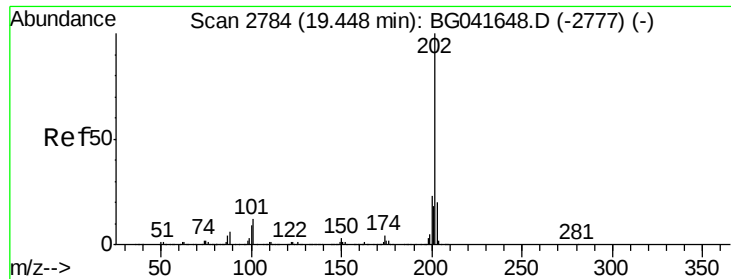
mohammad
 7/17/2019 12:04:51 PM



#74
 Di-n-butylphthalate
 Concen: 29.575 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.7	5.3	7.9





#75

Fluoranthene

Concen: 30.341 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

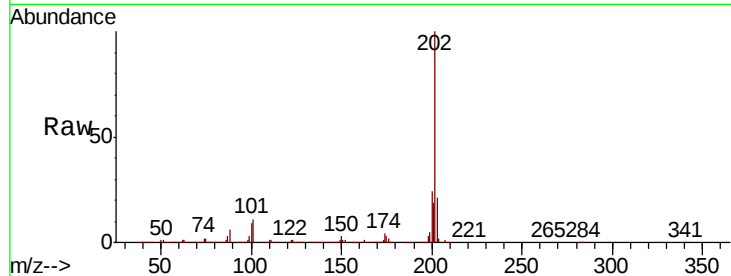
ClientSampleId :

PB121341BS

Tot Ion:	202	Resp:	1542059
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.8
203	20.6	3.7	43.7

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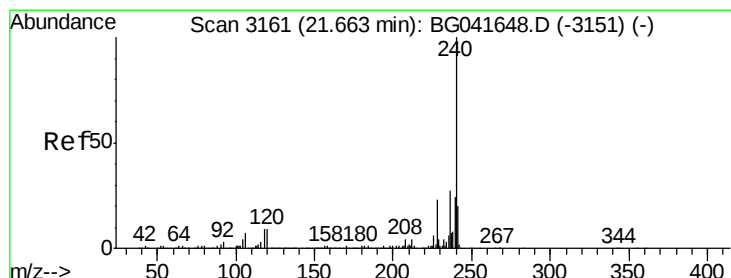
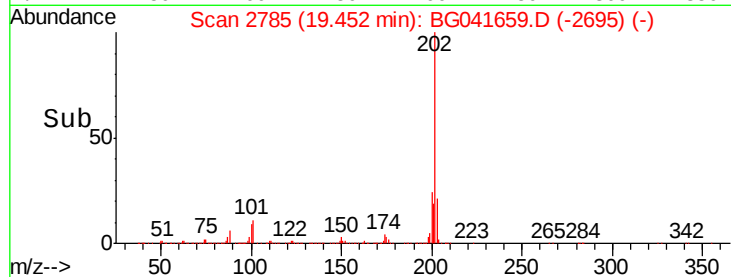
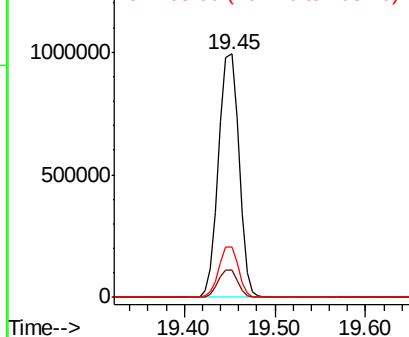


Abundance

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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

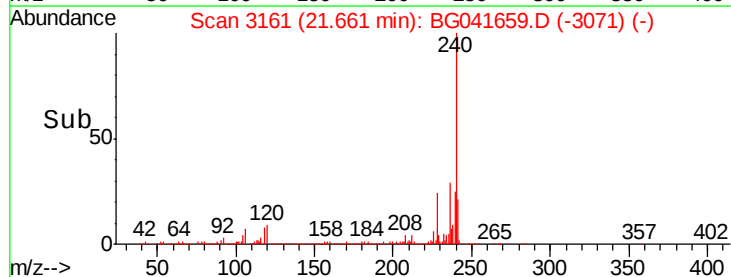
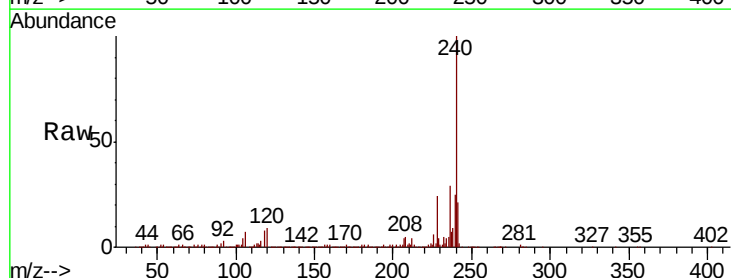
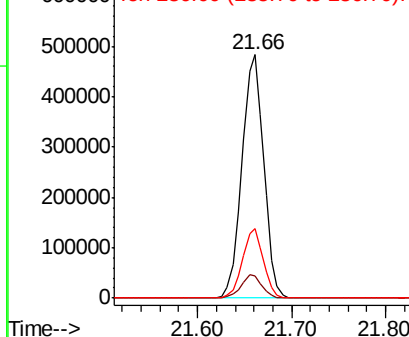
Tgt Ion:	240	Resp:	773833
Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.0	12.0
236	28.6	22.6	33.8

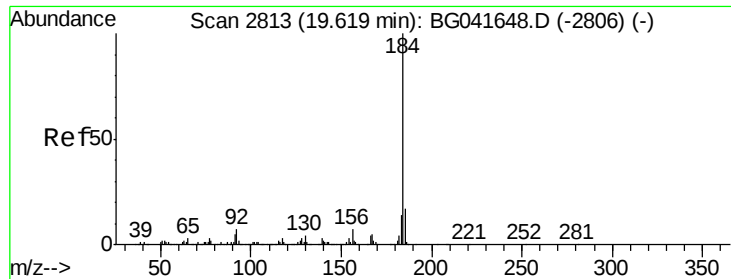
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.201 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

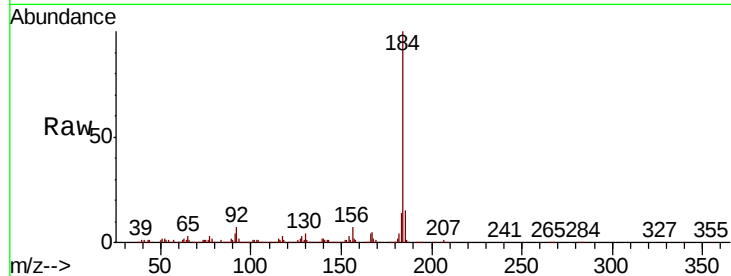
ClientSampleId :

PB121341BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.4
183	13.6	11.8	17.6

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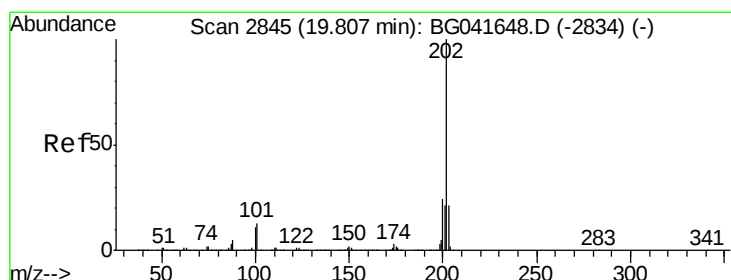
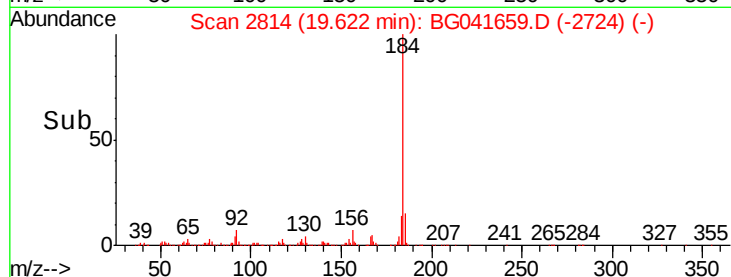
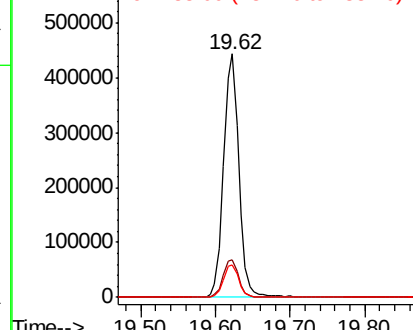


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.623 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

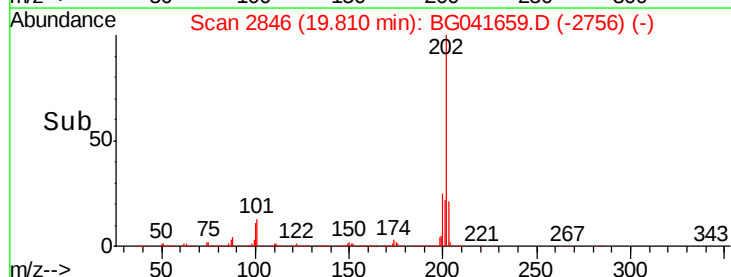
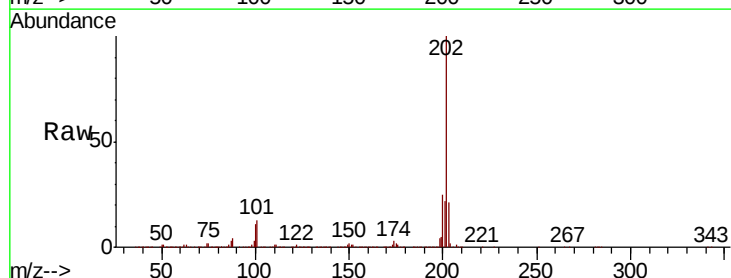
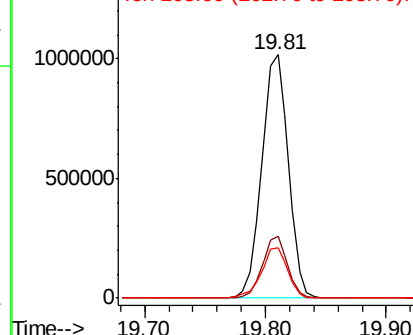
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.2	22.2	33.2
203	20.9	18.9	28.3

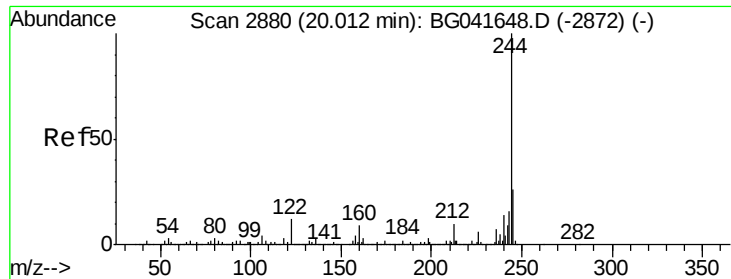
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





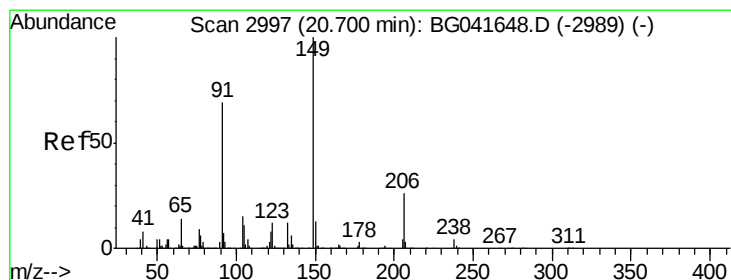
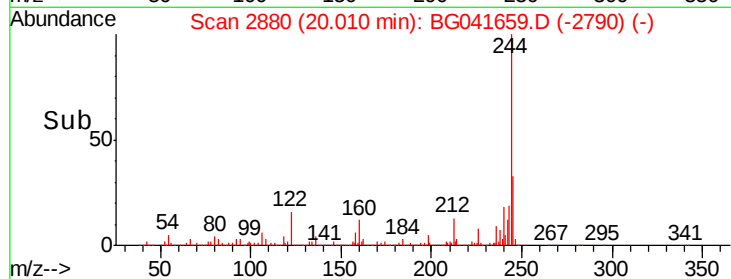
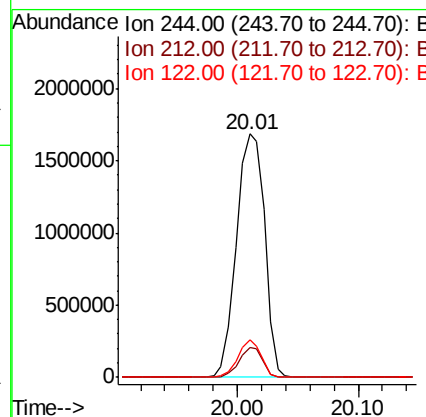
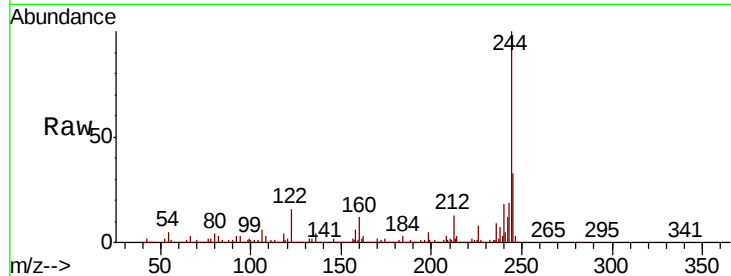
#79
 Terphenyl-d14
 Concen: 82.698 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121341BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	12.5	9.7	14.5
122	15.6	12.5	18.7

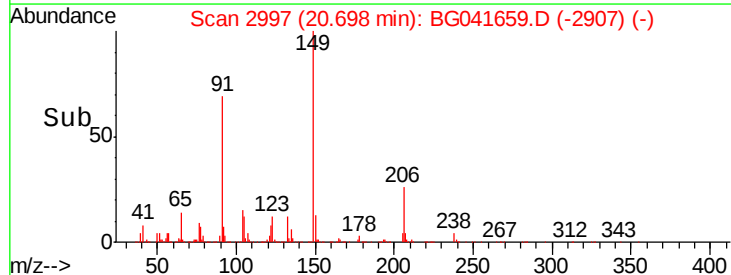
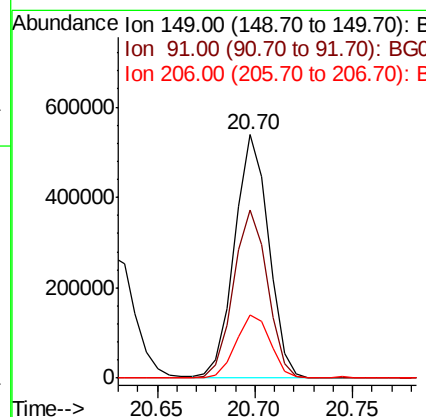
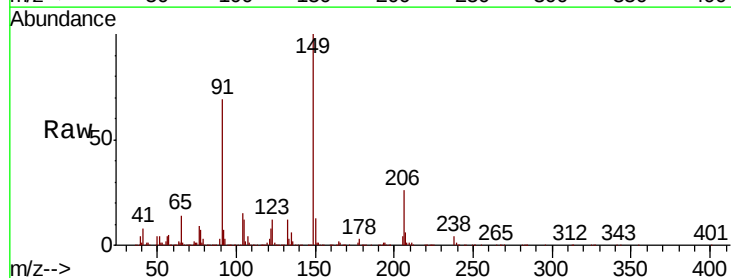
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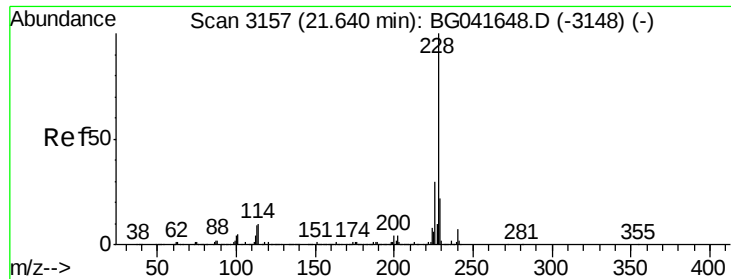
mohammad
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#80
 Butylbenzylphthalate
 Concen: 29.879 ng
 RT: 20.70 min Scan# 2997
 Delta R.T. -0.00 min
 Lab File: BG041659.D
 Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	58.9	88.3
206	25.8	20.8	31.2





#81

Benzo(a)anthracene

Concen: 30.081 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

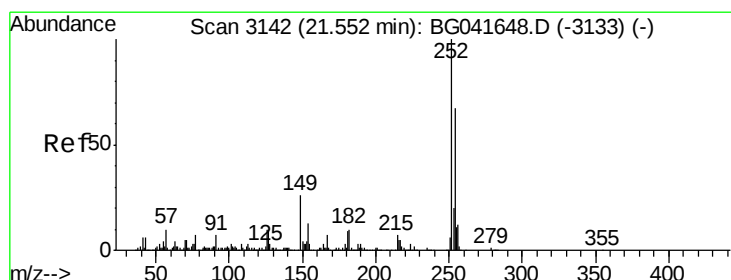
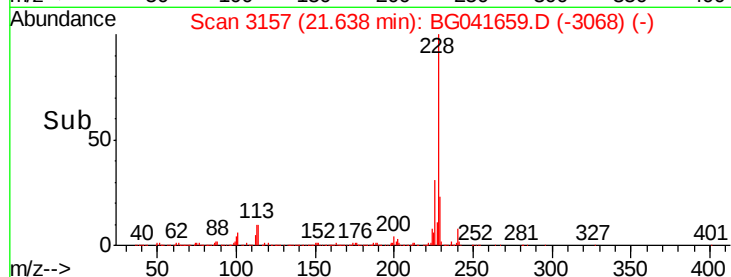
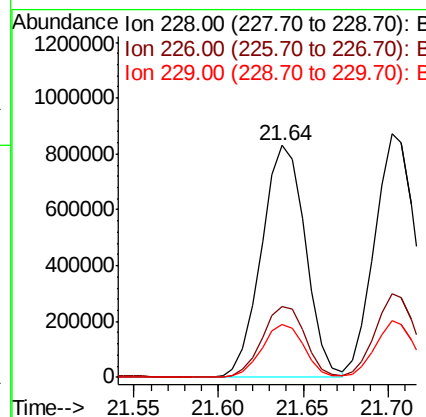
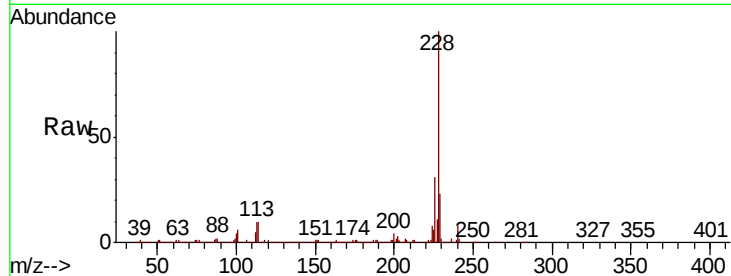
ClientSampleId :

PB121341BS

Tot Ion:	228	Resp:	1503999
Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.3	40.9
229	22.9	19.7	29.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.009 ng

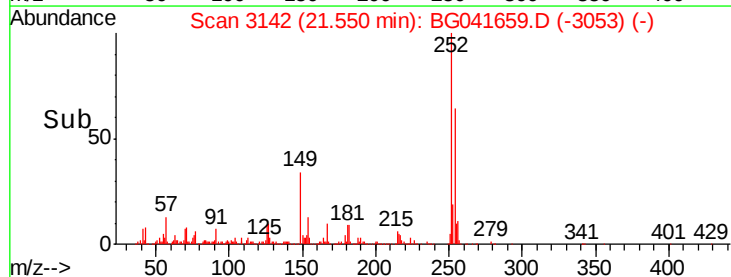
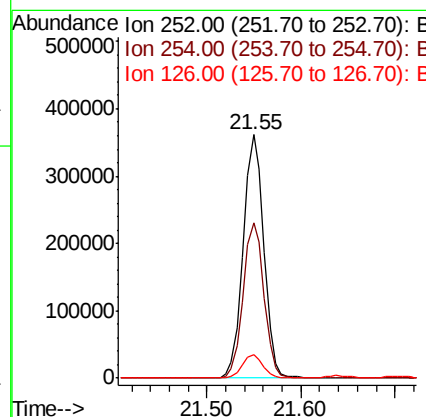
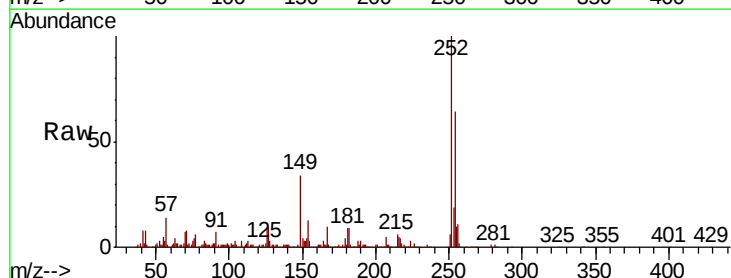
RT: 21.55 min Scan# 3142

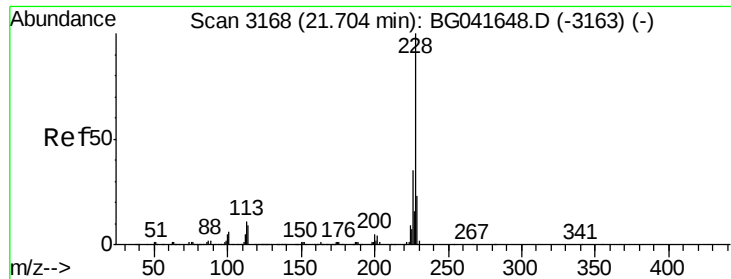
Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:	252	Resp:	551057
Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.8	80.6
126	9.4	7.8	11.8





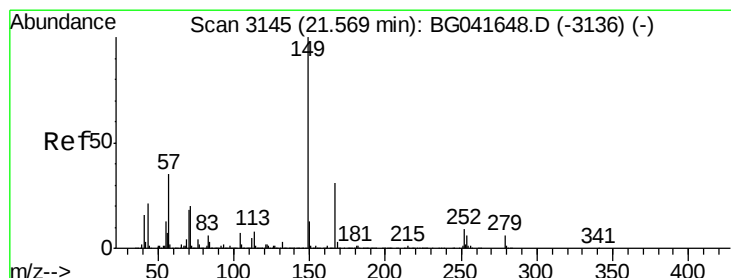
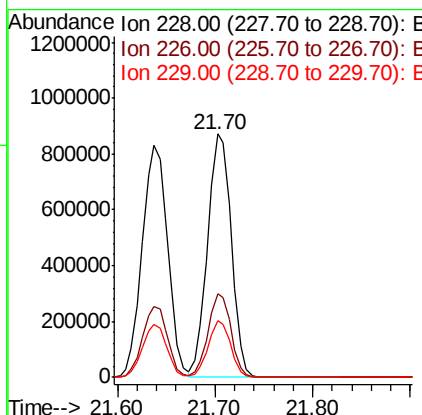
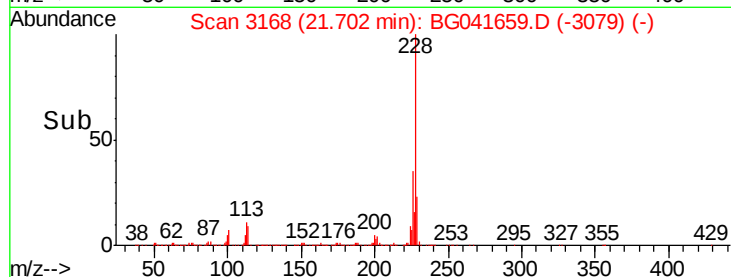
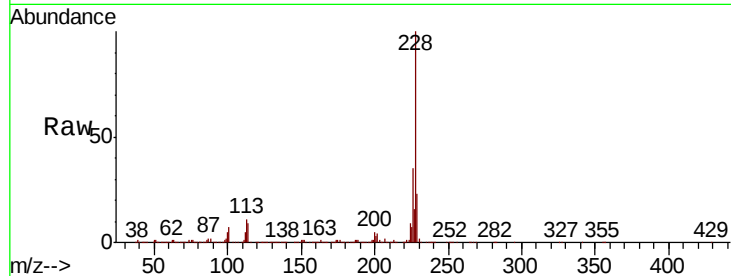
#83
Chrysene
Concen: 30.655 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampled :
PB121341BS

Tot Ion:228 Resp: 1464554
Ion Ratio Lower Upper
228 100
226 34.5 30.1 45.1
229 23.2 19.8 29.6

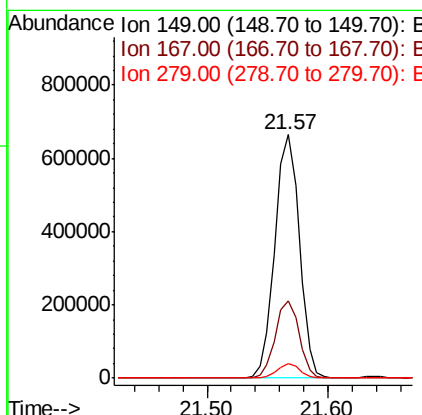
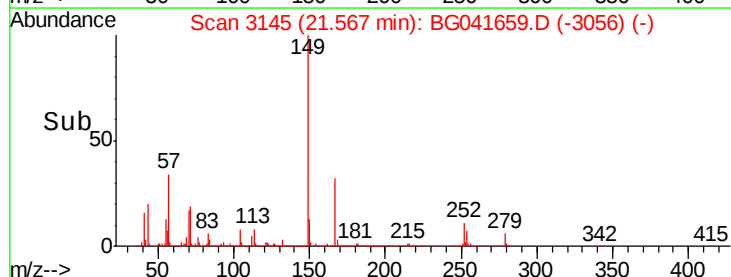
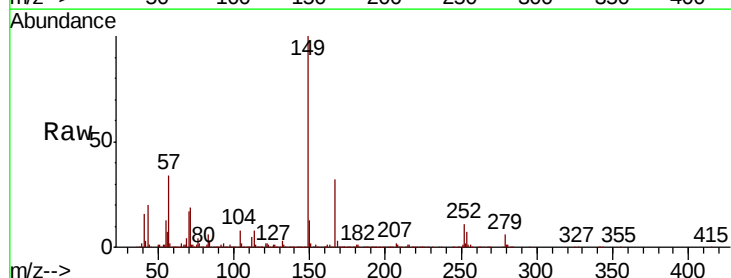
Manual Integrations
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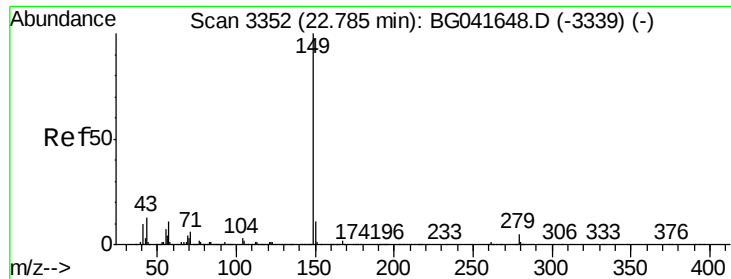
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.181 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion:149 Resp: 926747
Ion Ratio Lower Upper
149 100
167 32.0 27.0 40.4
279 6.0 5.0 7.6





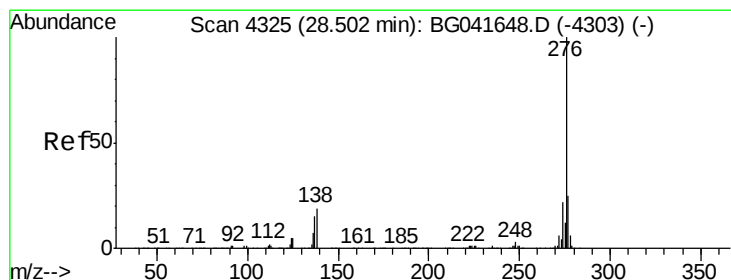
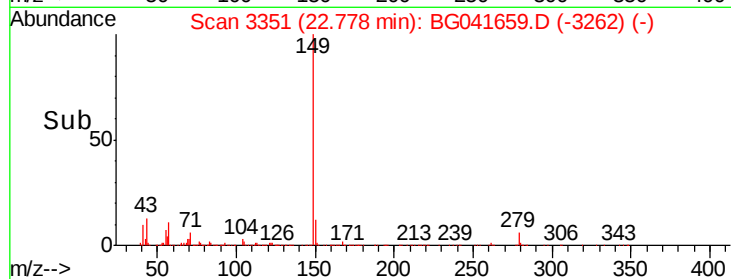
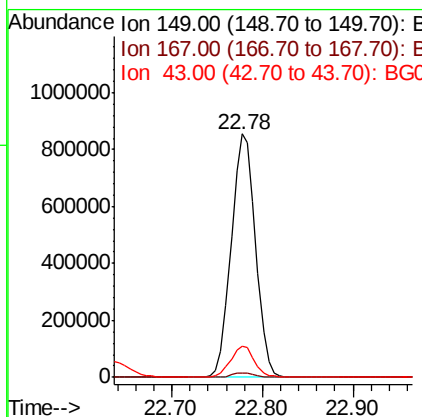
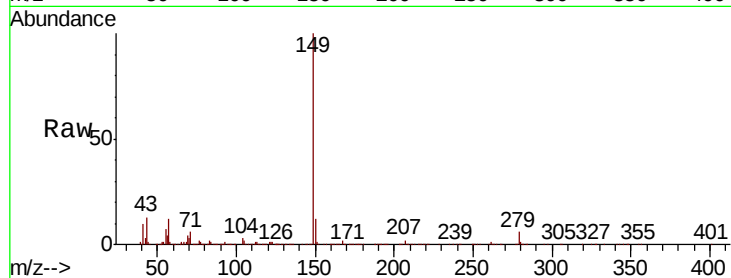
#85
Di-n-octyl phthalate
Concen: 30.360 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	12.2	10.6	16.0

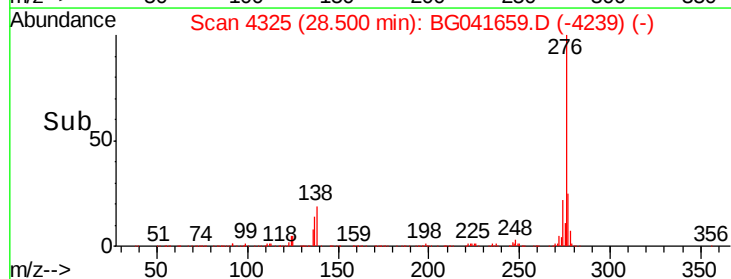
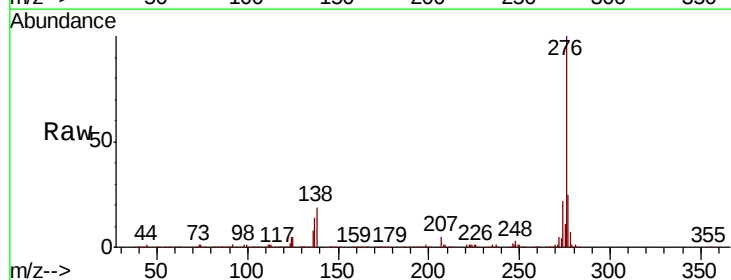
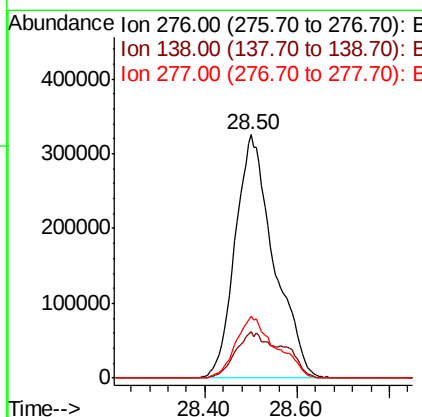
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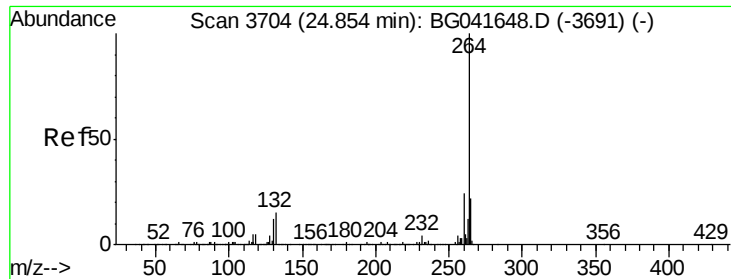
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 30.005 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.4	29.0#
277	26.4	21.2	31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

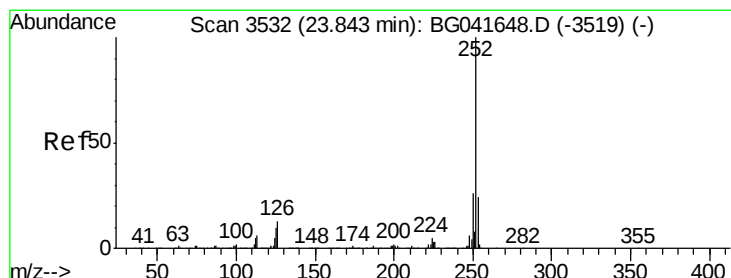
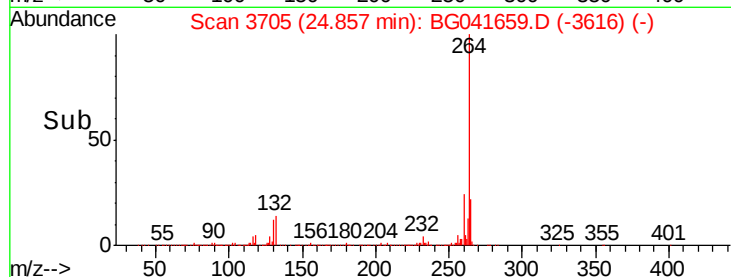
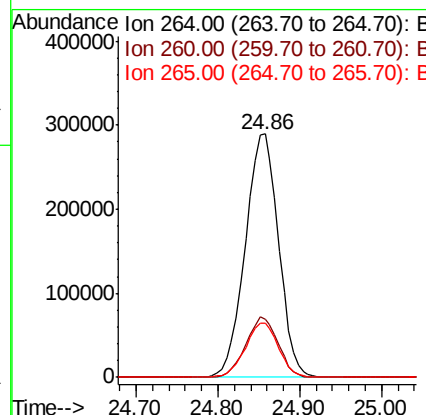
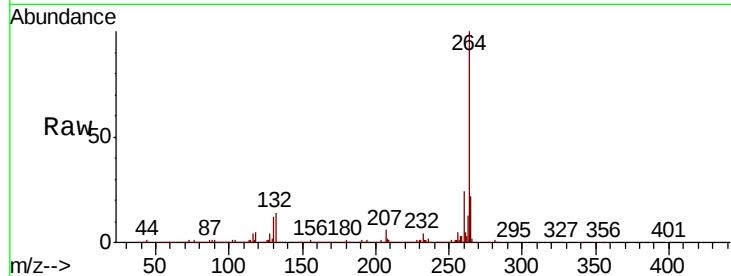
ClientSampleId :

PB121341BS

Tot Ion:	264	Resp:	818854
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.4	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 33.277 ng

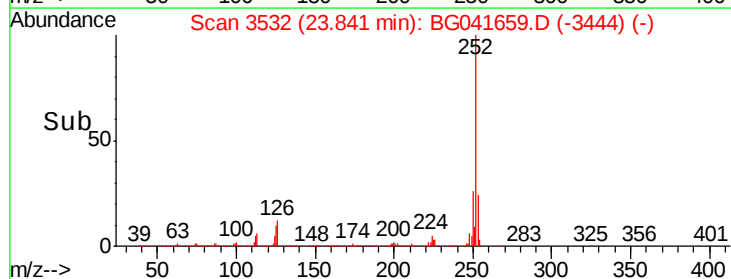
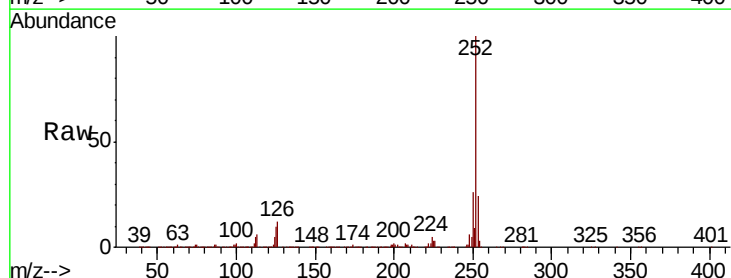
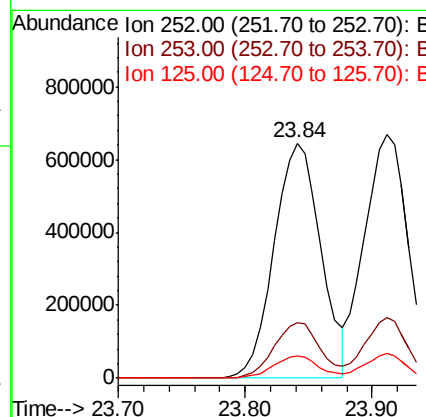
RT: 23.84 min Scan# 3532

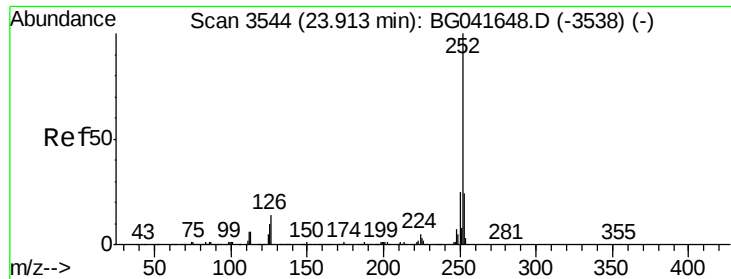
Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:	252	Resp:	1652863
Ion Ratio		Lower	Upper
252	100		
253	23.8	20.6	30.8
125	9.6	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 34.669 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Instrument :

BNA_G

ClientSampleId :

PB121341BS

Tot Ion:252 Resp: 1595620

Ion Ratio Lower Upper

252 100

253 25.0 20.5 30.7

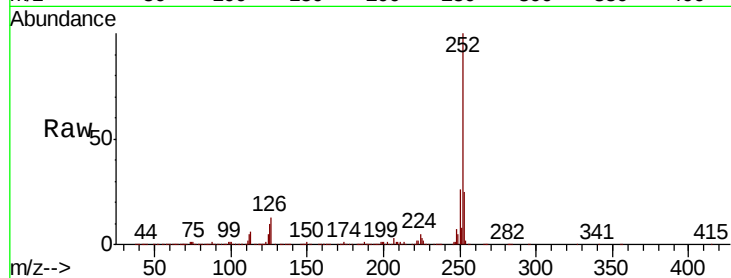
125 9.9 8.4 12.6

Manual Integrations

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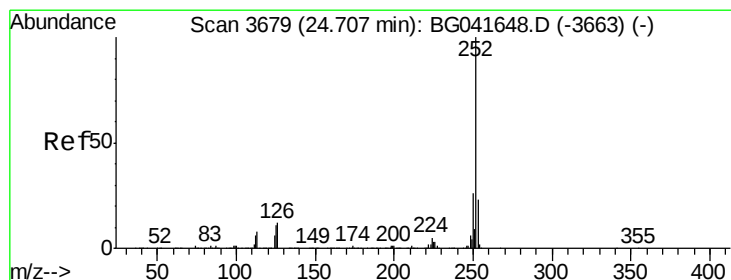
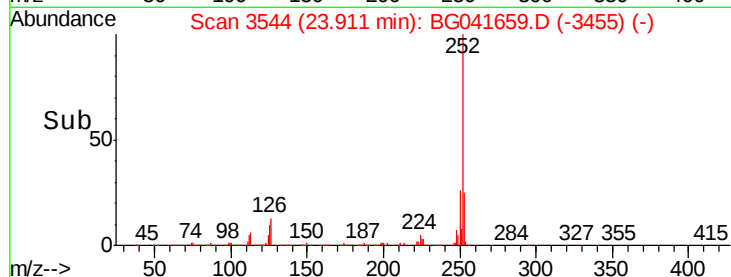
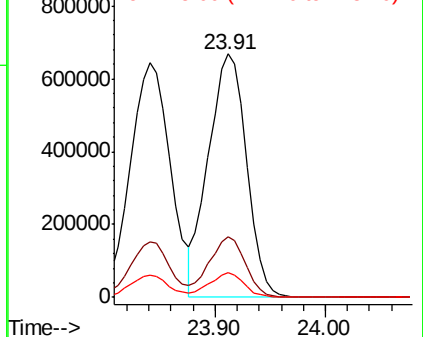


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.175 ng

RT: 24.70 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG041659.D

Acq: 16 Jul 2019 9:07

Tgt Ion:252 Resp: 1606020

Ion Ratio Lower Upper

252 100

253 24.1 19.8 29.8

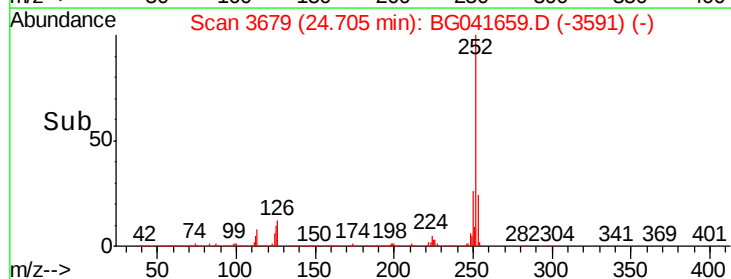
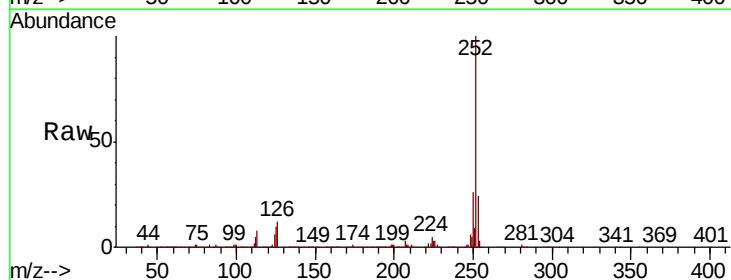
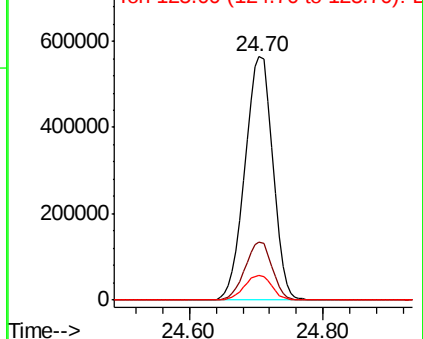
125 9.9 8.8 13.2

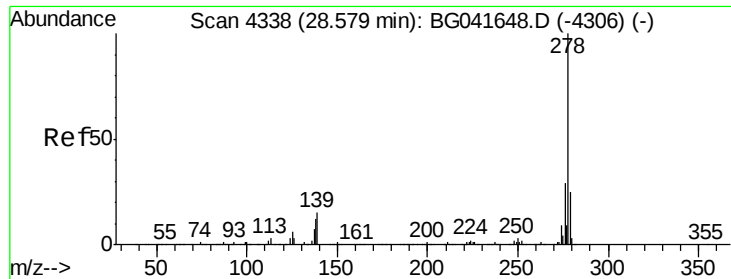
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





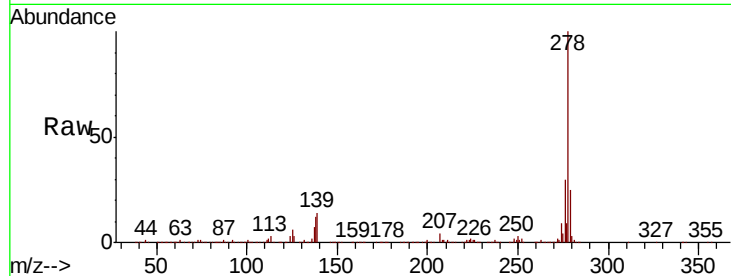
#91
Dibenzo(a,h)anthracene
Concen: 34.207 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.6	19.0
279	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/17/2019 12:04:51 PM

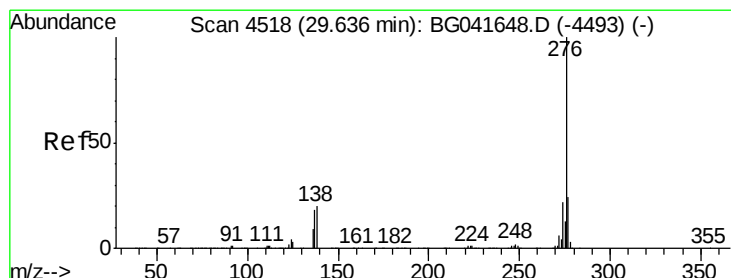
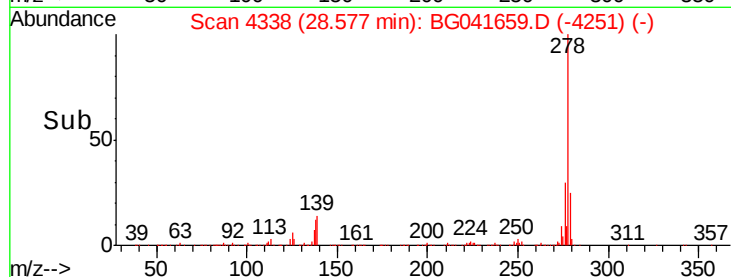
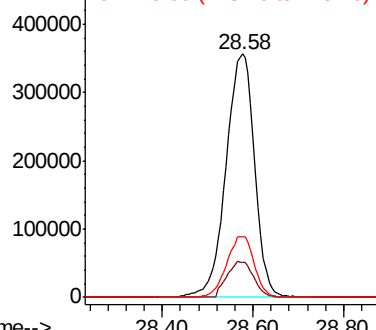


Abundance

Ion 278.00 (277.70 to 278.70): E

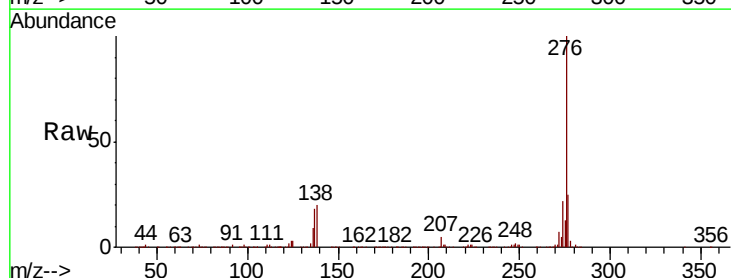
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.435 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.02 min
Lab File: BG041659.D
Acq: 16 Jul 2019 9:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	19.7	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

