

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041833.D
 Acq On : 31 Jul 2019 14:53
 Operator : HP/JU
 Sample : K4044-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6MS

Manual Integrations
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 8/1/2019 5:05:32 PM

Quant Time: Jul 31 16:26:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	68655	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	295217	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	253917	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	656618	20.00	ng	0.00
76) Chrysene-d12	21.74	240	675189	20.00	ng	0.00
87) Perylene-d12	25.01	264	792369	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	480478	136.16	ng	0.00
7) Phenol-d6	7.20	99	682498	143.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	395237	92.13	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	467299	162.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1114761	77.43	ng	0.00
79) Terphenyl-d14	20.06	244	2208150	74.84	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	43298	26.070 ng	93
3) Pyridine	3.86	79	105422	23.147 ng	91
4) n-Nitrosodimethylamine	3.77	42	62682	34.718 ng	97
6) Aniline	7.36	93	137344	20.503 ng	94
8) 2-Chlorophenol	7.60	128	165484	40.955 ng	94
9) Benzaldehyde	7.17	77	91620	27.370 ng	95
10) Phenol	7.22	94	209419	42.314 ng	98
11) bis(2-Chloroethyl)ether	7.45	93	142392	34.997 ng	95
12) 1,3-Dichlorobenzene	7.93	146	176592	33.485 ng	97
13) 1,4-Dichlorobenzene	8.08	146	176911	33.526 ng	98
14) 1,2-Dichlorobenzene	8.40	146	171452	34.050 ng	96
15) Benzyl Alcohol	8.28	79	150938	40.329 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	233555	32.265 ng	97
17) 2-Methylphenol	8.48	107	145811	40.510 ng	98
18) Hexachloroethane	9.14	117	60385	33.416 ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	125200	36.250 ng	94
20) 3+4-Methylphenols	8.81	107	208390	42.308 ng	100
22) Acetophenone	8.86	105	245444	37.170 ng	# 92
24) Nitrobenzene	9.25	77	179378	39.690 ng	99
25) Isophorone	9.77	82	361318	38.718 ng	99
26) 2-Nitrophenol	9.97	139	104489	49.815 ng	93
27) 2,4-Dimethylphenol	10.03	122	169796	45.866 ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	210724	36.134 ng	100
29) 2,4-Dichlorophenol	10.51	162	209079	46.377 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	202929	35.497 ng	97
31) Naphthalene	10.91	128	516376	38.218 ng	98
32) Benzoic acid	10.10	122	11600m	12.317 ng	
33) 4-Chloroaniline	11.01	127	127628	19.919 ng	96
34) Hexachlorobutadiene	11.21	225	126762	32.854 ng	98
35) Caprolactam	11.78	113	89230m	56.953 ng	
36) 4-Chloro-3-methylphenol	12.14	107	224566	50.244 ng	94
37) 2-Methylnaphthalene	12.52	142	427840	40.005 ng	100
38) 1-Methylnaphthalene	12.75	142	412595	40.710 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	273462	34.023 ng	98

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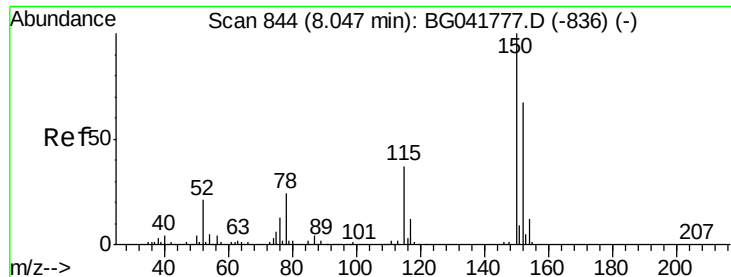
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	289372	64.036	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	214957	42.314	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	241909	45.824	ng	95
46) 1,1'-Biphenyl	13.54	154	578509	35.442	ng	96
47) 2-Chloronaphthalene	13.58	162	480486	34.575	ng	97
48) 2-Nitroaniline	13.77	65	154316	43.783	ng	89
49) Acenaphthylene	14.42	152	815288	39.220	ng	97
50) Dimethylphthalate	14.15	163	912348	52.611	ng	99
51) 2,6-Dinitrotoluene	14.26	165	170434	47.002	ng	88
52) Acenaphthene	14.76	154	518018	38.315	ng	98
53) 3-Nitroaniline	14.59	138	107271	27.652	ng #	90
54) 2,4-Dinitrophenol	14.80	184	95563	50.735	ng	89
55) Dibenzofuran	15.10	168	824547	39.872	ng	95
56) 4-Nitrophenol	14.90	139	343852	116.771	ng	93
57) 2,4-Dinitrotoluene	15.05	165	252072	50.549	ng	94
58) Fluorene	15.75	166	684863	41.268	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	257915	49.328	ng	94
60) Diethylphthalate	15.52	149	731721	42.979	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	399501	39.432	ng	94
62) 4-Nitroaniline	15.76	138	195559	46.541	ng	98
63) Azobenzene	16.04	77	567195	40.783	ng	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	132882	42.298	ng	83
66) n-Nitrosodiphenylamine	15.96	169	670245	37.473	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	287541	35.550	ng	96
68) Hexachlorobenzene	16.76	284	296620	35.054	ng	92
69) Atrazine	16.90	200	278363	39.611	ng	99
70) Pentachlorophenol	17.10	266	369537	76.875	ng	98
71) Phenanthrene	17.50	178	1211350	38.488	ng	96
72) Anthracene	17.58	178	1247792	39.751	ng	96
73) Carbazole	17.85	167	1154311	40.971	ng	96
74) Di-n-butylphthalate	18.42	149	1263015	39.543	ng	96
75) Fluoranthene	19.50	202	1529385	39.977	ng	93
77) Benzidine	19.67	184	309049	14.023	ng	97
78) Pyrene	19.86	202	1529678	38.238	ng	93
80) Butylbenzylphthalate	20.75	149	603288	39.334	ng	92
81) Benzo(a)anthracene	21.71	228	1504485	37.662	ng	95
82) 3,3'-Dichlorobenzidine	21.63	252	390425	24.343	ng #	97
83) Chrysene	21.78	228	1462366	38.190	ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	841418	39.770	ng	98
85) Di-n-octyl phthalate	22.87	149	1462687	41.080	ng #	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1956620	38.599	ng #	95
88) Benzo(b)fluoranthene	23.97	252	1669575	38.517	ng #	96
89) Benzo(k)fluoranthene	24.04	252	1616556	38.286	ng #	96
90) Benzo(a)pyrene	24.86	252	1648079	39.644	ng #	97
91) Dibenzo(a,h)anthracene	28.82	278	1594392	39.059	ng #	96
92) Benzo(g,h,i)perylene	29.92	276	1618119	39.677	ng #	96

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



#1

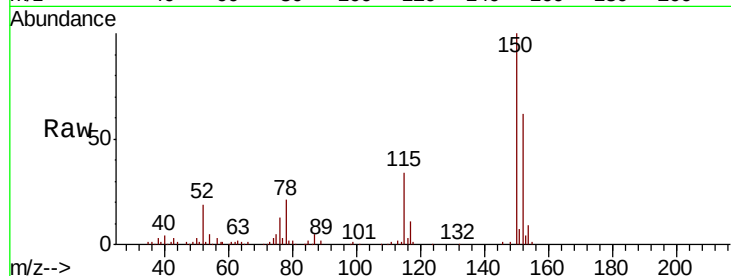
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.9	190.3
115	55.0	45.0	67.6

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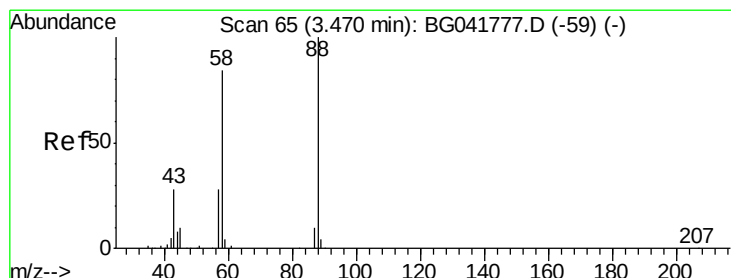
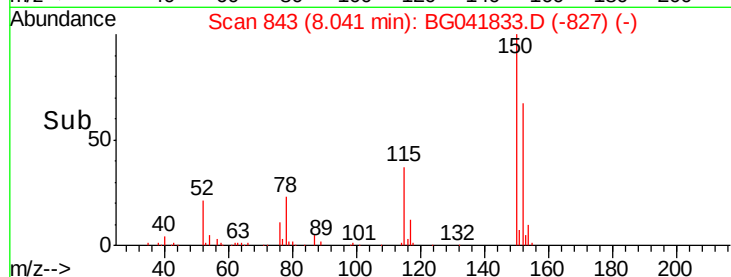
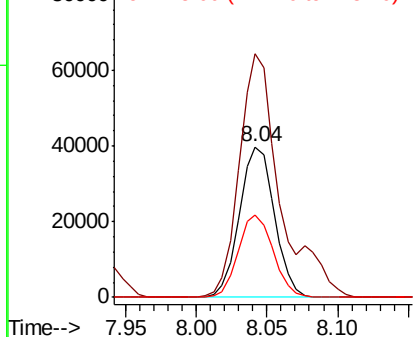


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

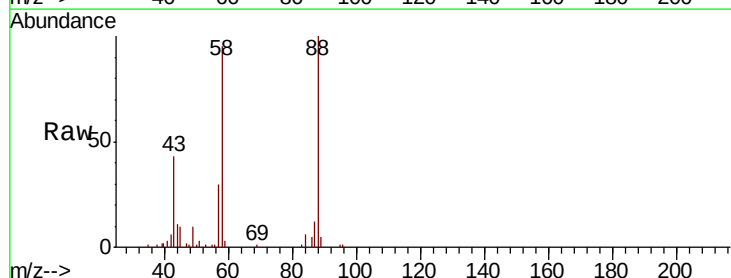
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.070 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	76.2	114.2
43	31.0	27.2	40.8

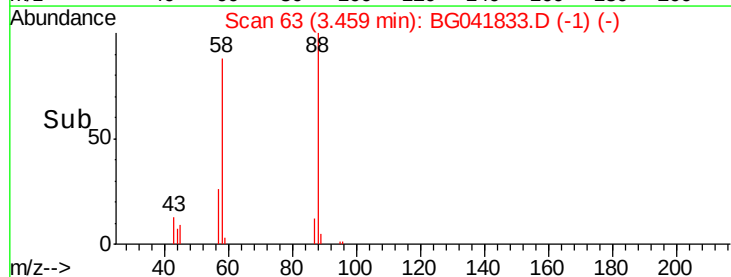
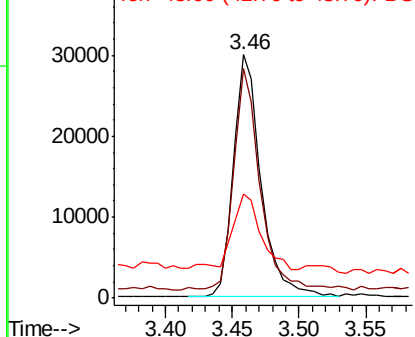


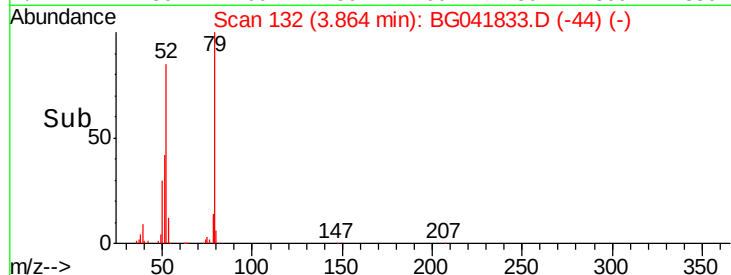
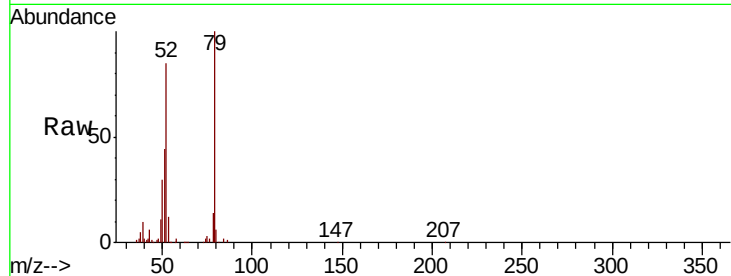
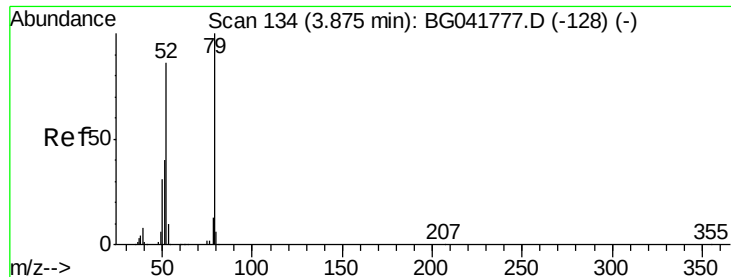
Abundance

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





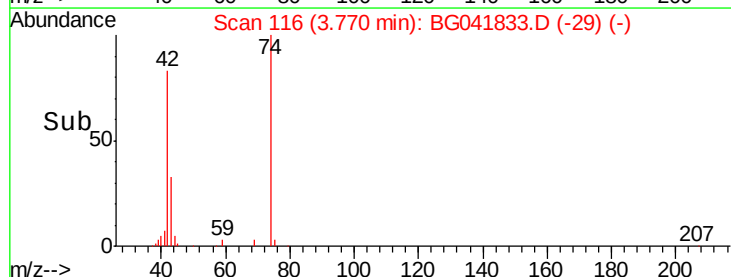
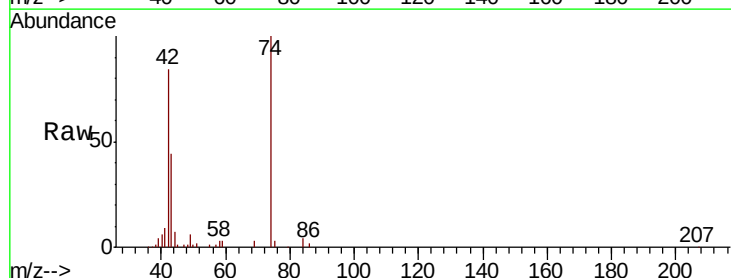
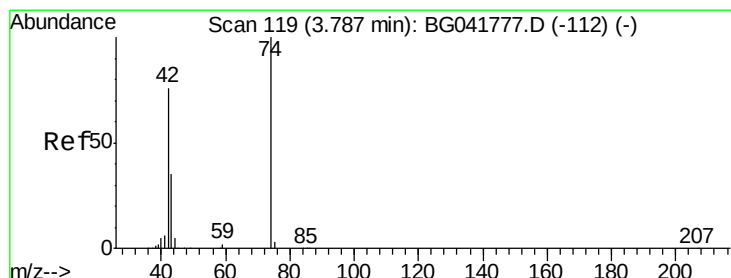
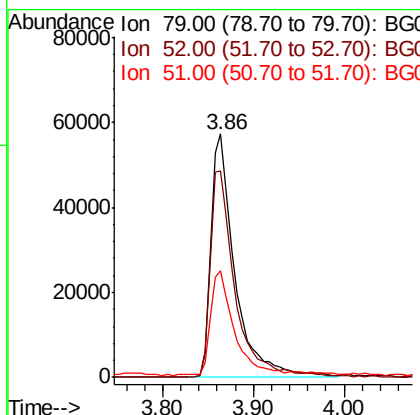
#3
 Pvrindine
 Concen: 23.147 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.1	77.1	115.7
51	43.9	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 TP-6MS

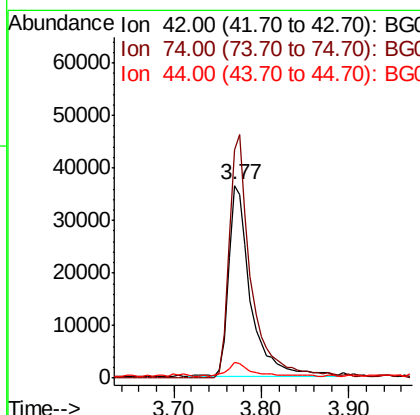
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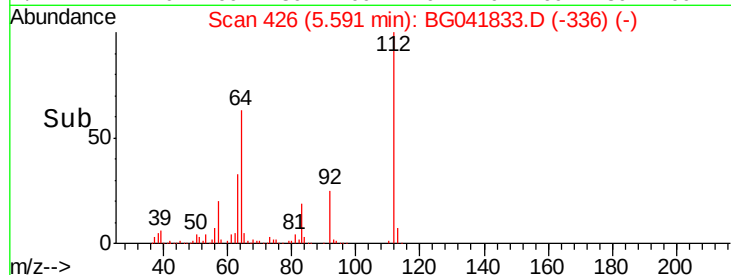
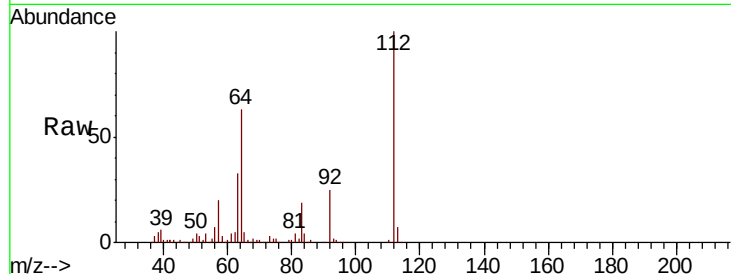
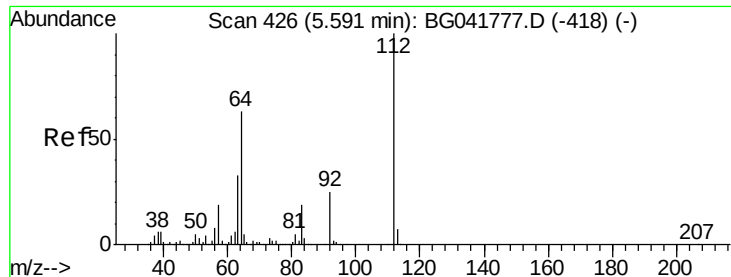
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#4
 n-Nitrosodimethylamine
 Concen: 34.718 ng
 RT: 3.77 min Scan# 116
 Delta R.T. -0.02 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.4	97.4	146.2
44	7.9	6.6	9.8





#5

2-Fluorophenol

Concen: 136.163 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

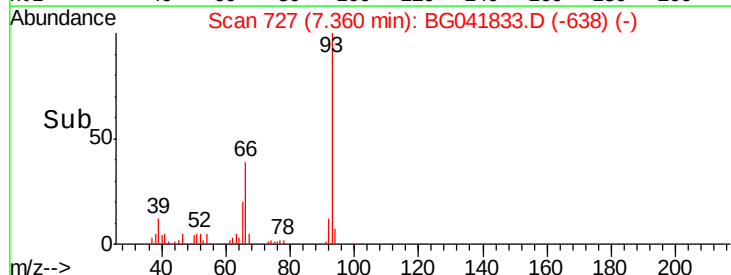
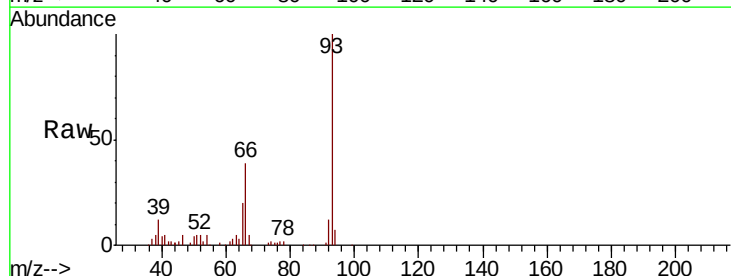
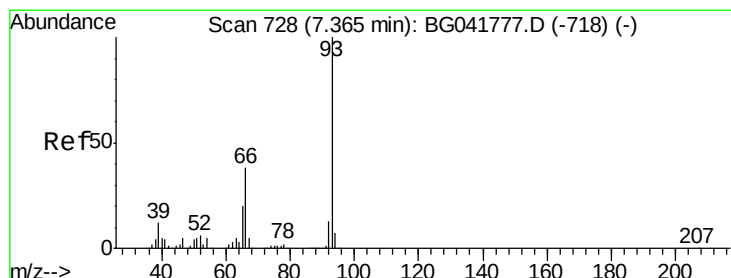
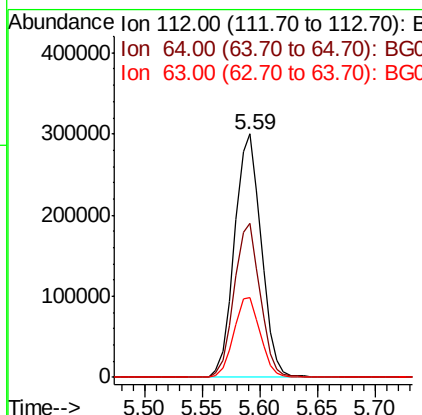
ClientSampleId :

TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	480478		
64	63.4		55.4	83.2
63	32.6		29.1	43.7

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#6

Aniline

Concen: 20.503 ng

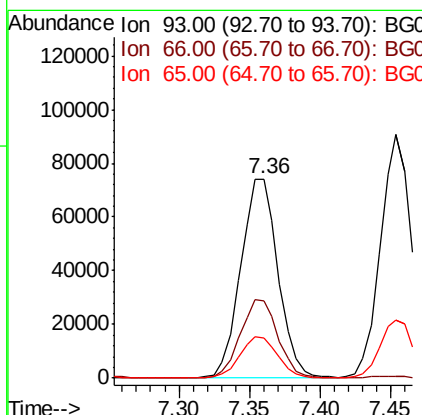
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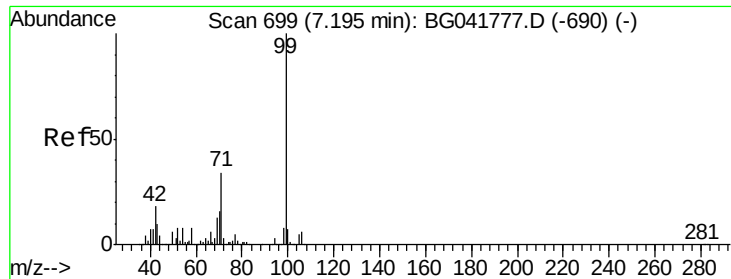
Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	137344		
66	38.9		34.2	51.2
65	20.0		18.2	27.2





#7

Phenol-d6

Concen: 143.465 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

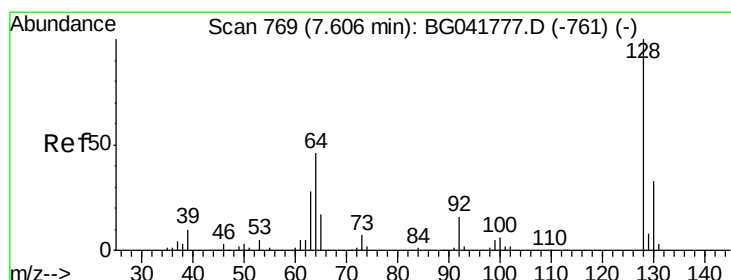
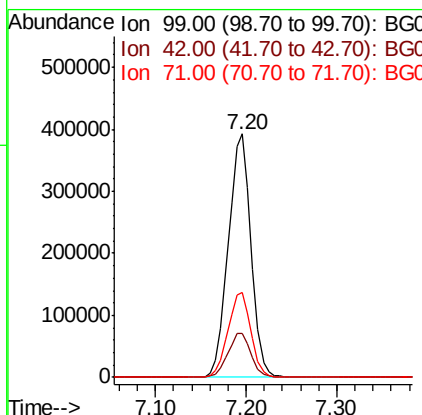
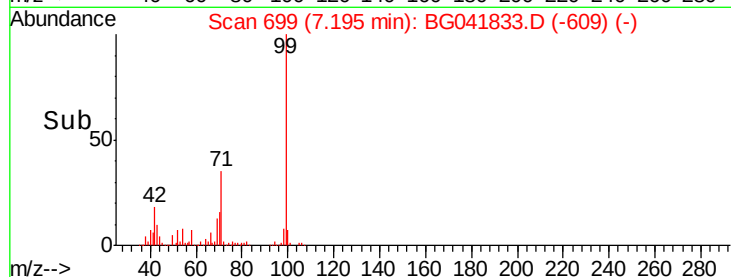
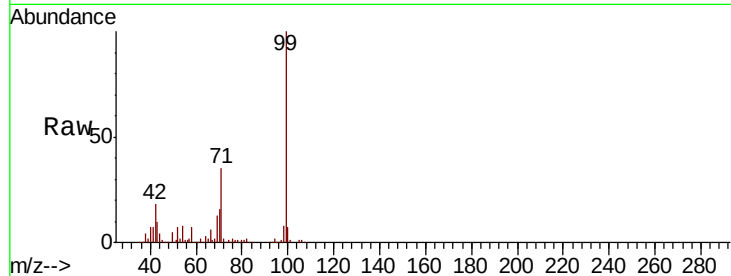
ClientSampled :

TP-6MS

Tot Ion:	99	Resp:	682498
Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.6	26.4
71	35.1	27.8	41.6

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#8

2-Chlorophenol

Concen: 40.955 ng

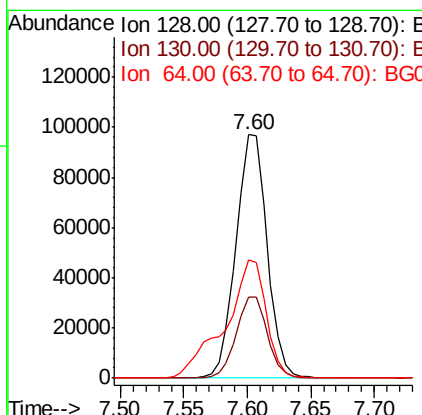
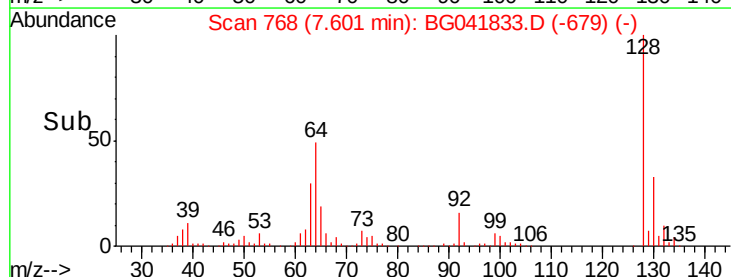
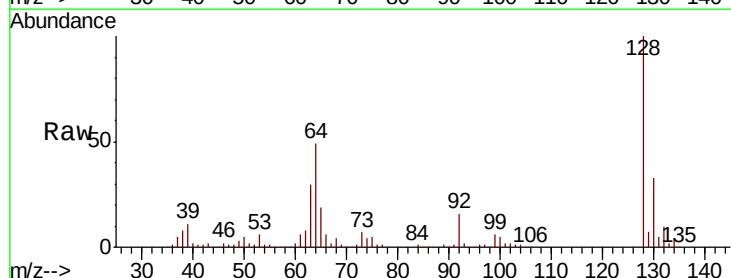
RT: 7.60 min Scan# 768

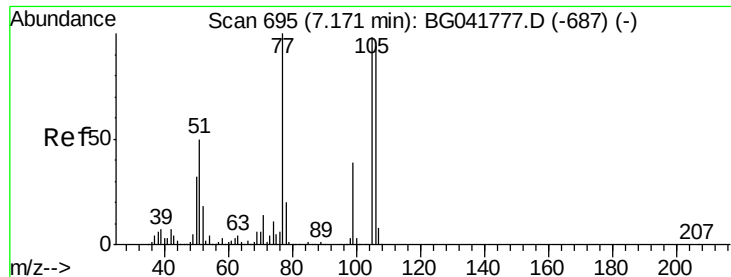
Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	128	Resp:	165484
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.4	52.4
64	48.5	34.9	74.9





#9

Benzaldehyde

Concen: 27.370 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

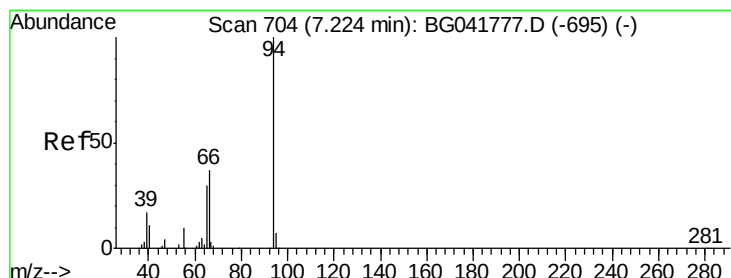
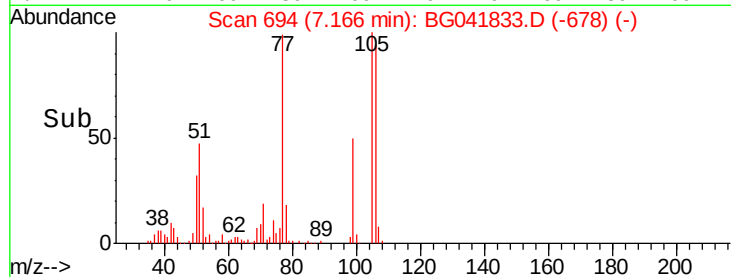
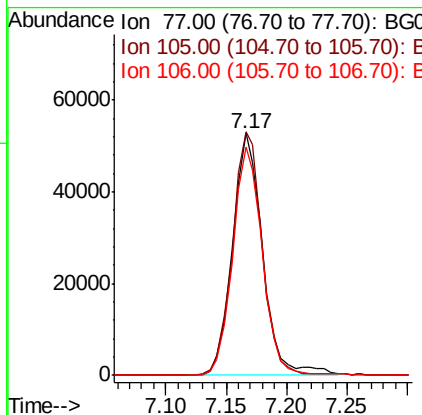
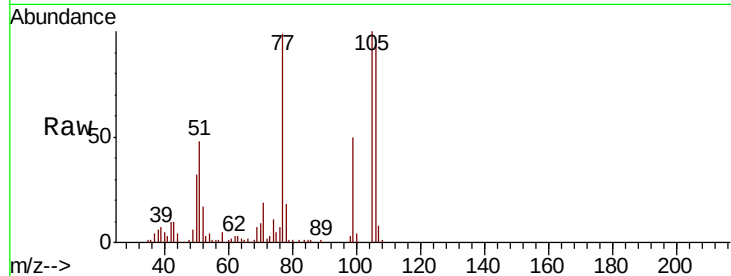
ClientSampled :

TP-6MS

Tot Ion:	77	Resp:	91620
Ion	Ratio	Lower	Upper
77	100		
105	100.7	74.6	114.6
106	94.6	71.1	111.1

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#10

Phenol

Concen: 42.314 ng

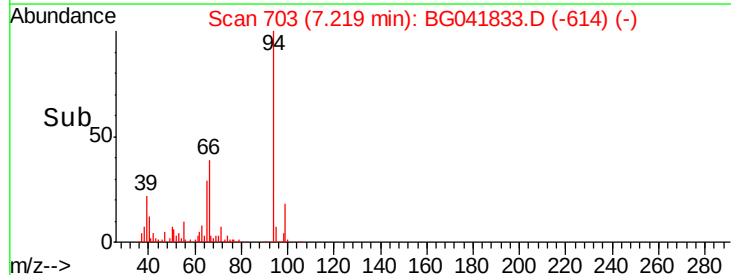
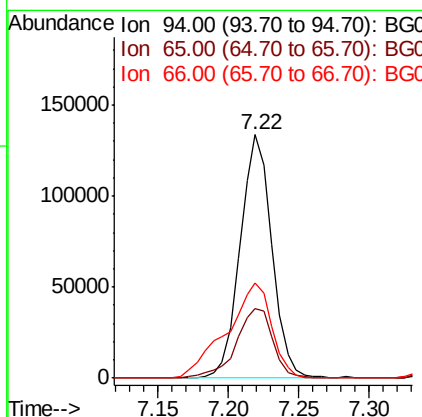
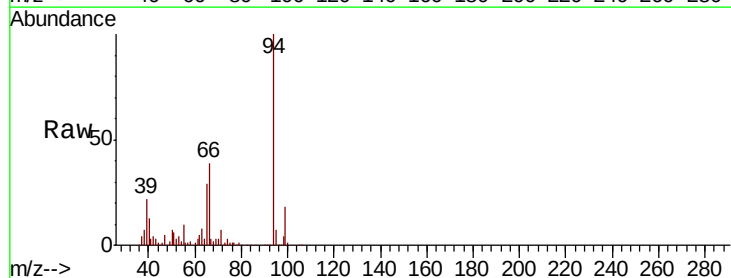
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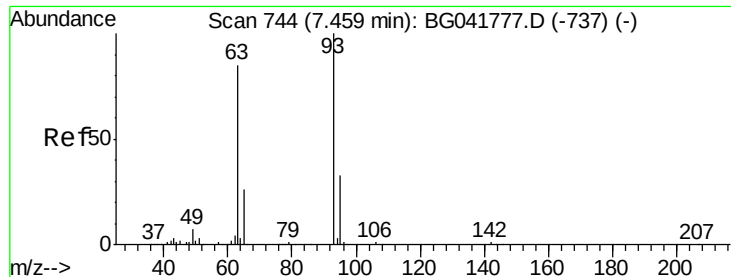
Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	94	Resp:	209419
Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.6	50.6
66	38.9	18.2	58.2





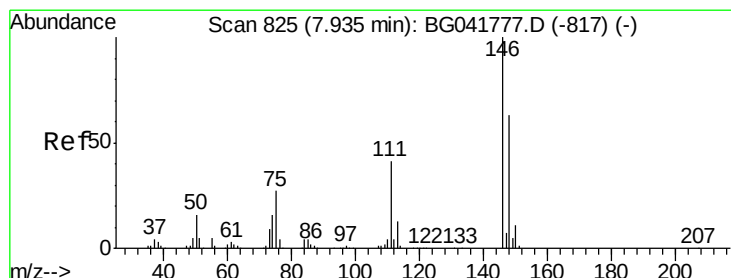
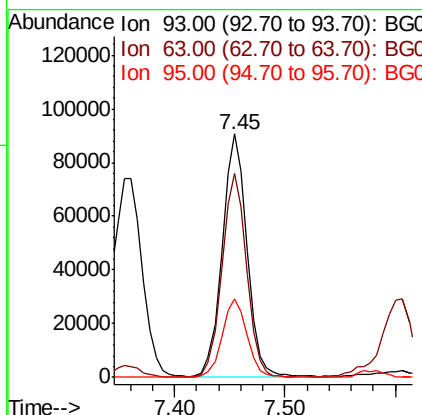
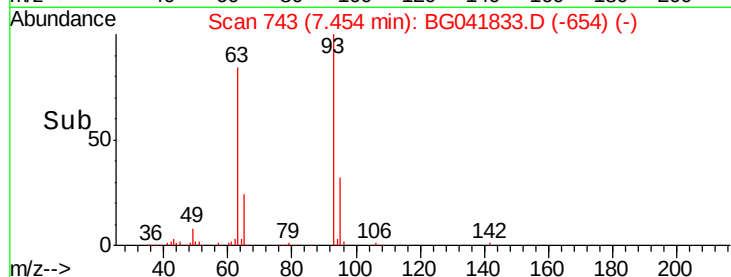
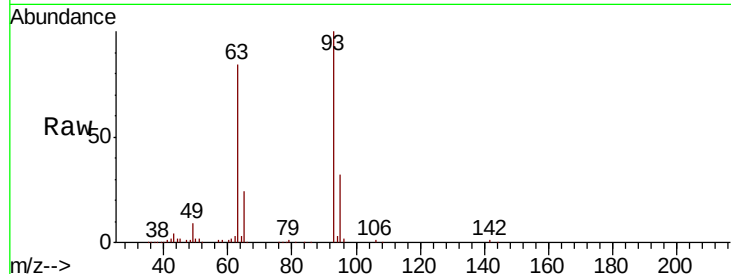
#11
bis(2-Chloroethyl)ether
Concen: 34.997 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion:	93	Resp:	142392
Ion	Ratio	Lower	Upper
93	100		
63	83.9	70.4	110.4
95	32.0	12.8	52.8

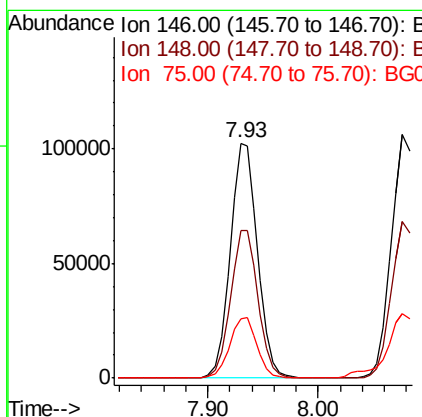
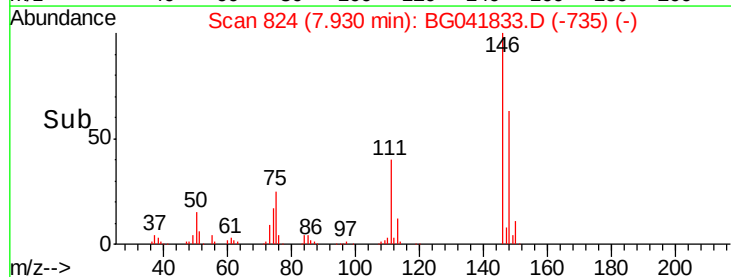
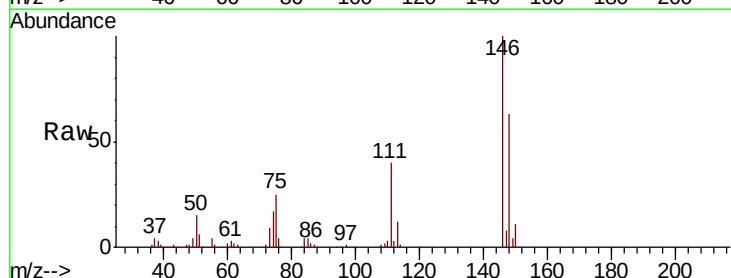
Manual Integrations
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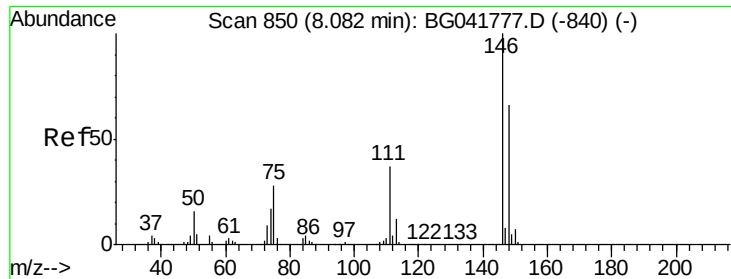
mohammad
8/1/2019 5:05:32 PM



#12
1,3-Dichlorobenzene
Concen: 33.485 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion:	146	Resp:	176592
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
75	25.4	23.2	34.8





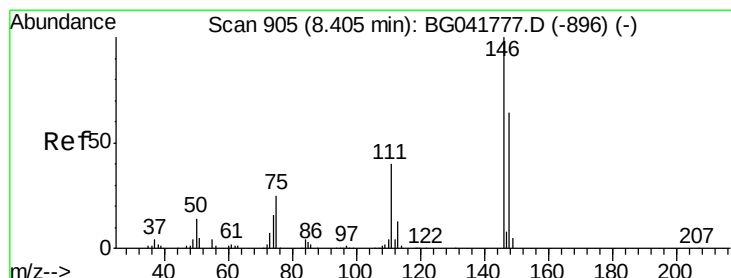
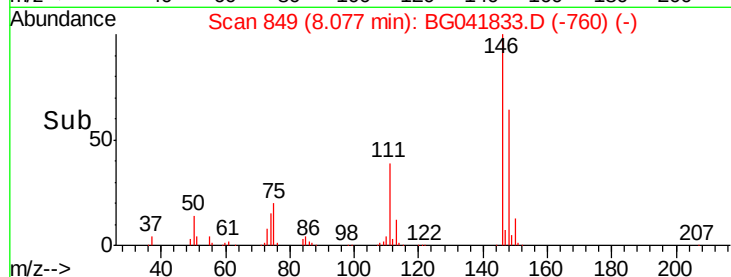
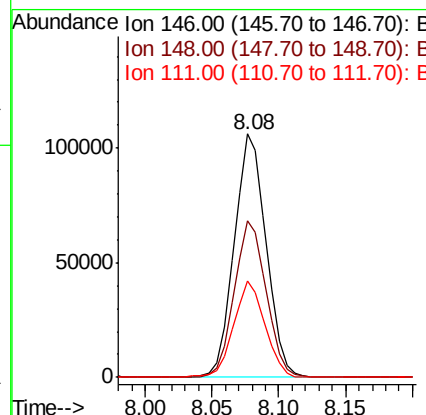
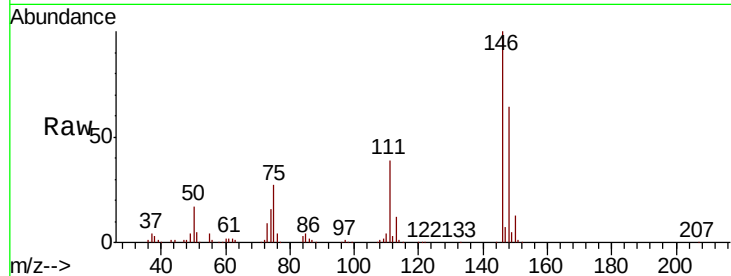
#13
 1,4-Dichlorobenzene
 Concen: 33.526 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	79.0
111	39.4	32.5	48.7

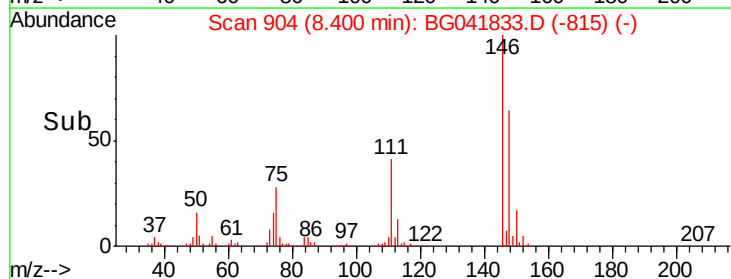
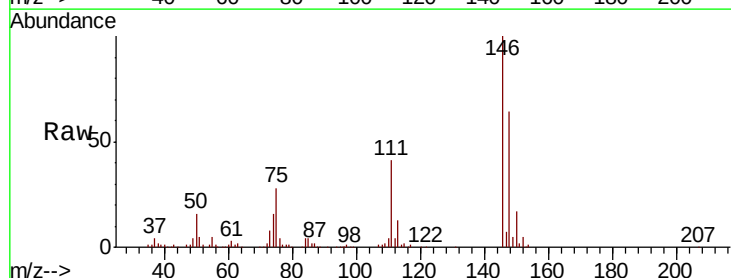
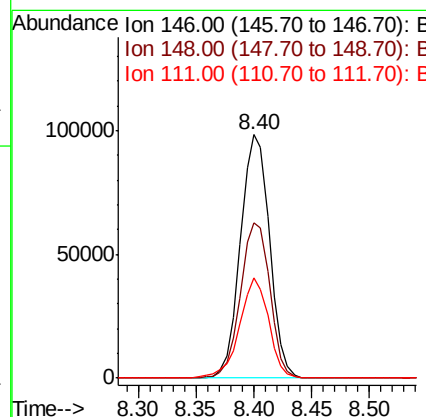
Manual Integrations
 APPROVED

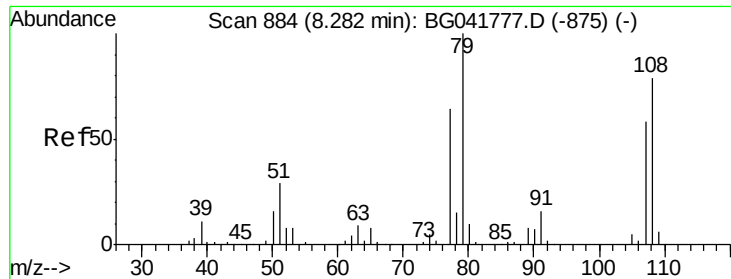
mohammad
 8/1/2019 5:05:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.050 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.5	80.3
111	41.1	35.4	53.0





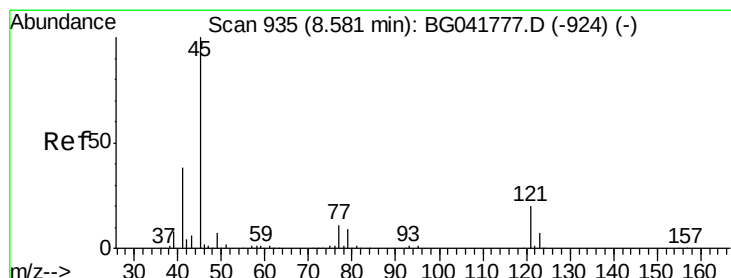
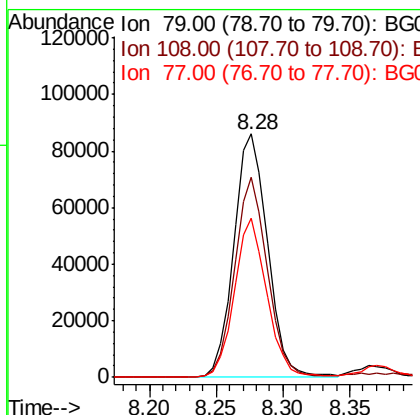
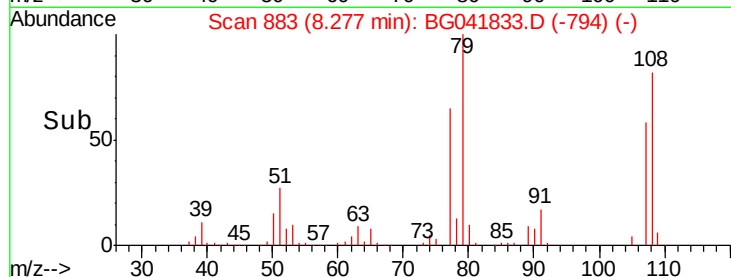
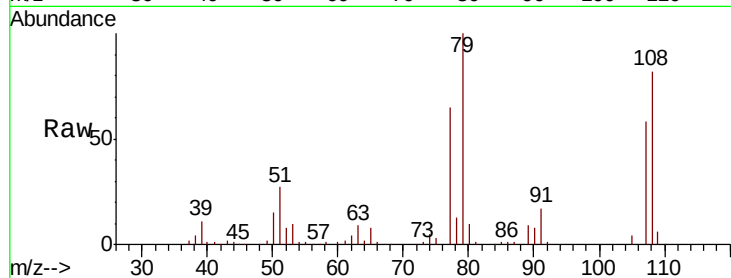
#15
Benzyl Alcohol
Concen: 40.329 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	60.5	90.7
77	65.3	50.6	75.8

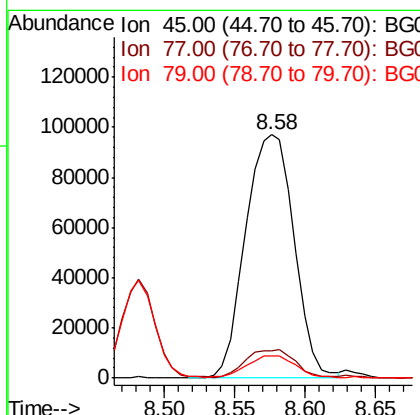
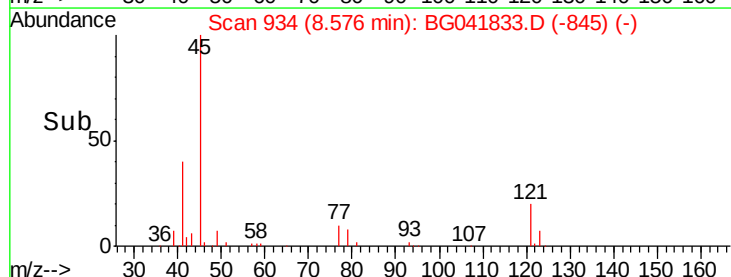
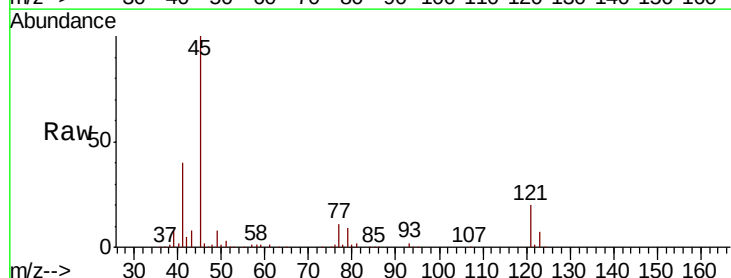
Manual Integrations
APPROVED

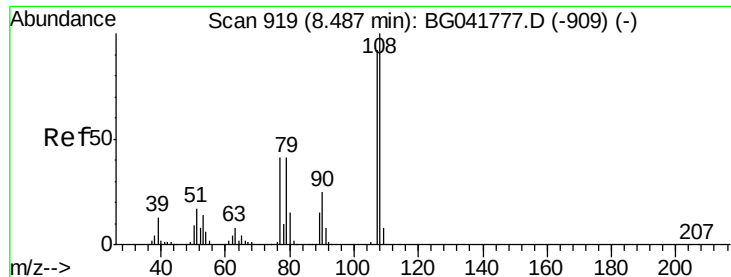
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.265 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.4
79	9.0	0.0	27.9





#17

2-Methylphenol

Concen: 40.510 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

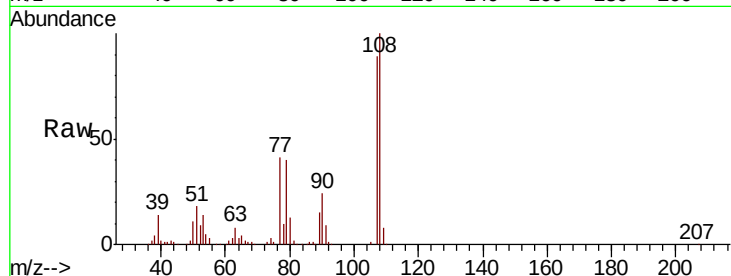
ClientSampled :

TP-6MS

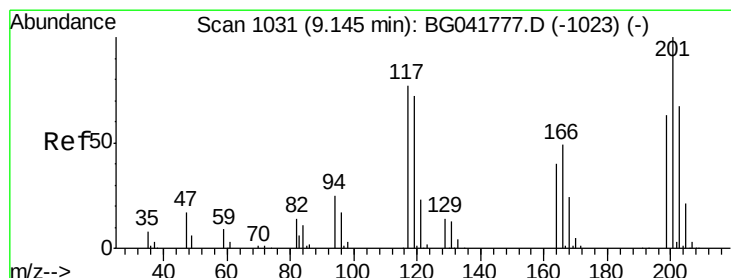
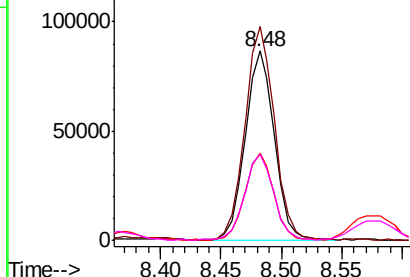
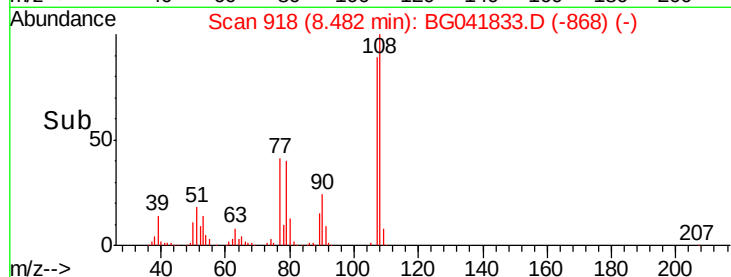
Tot Ion:	107	Resp:	145811
Ion Ratio	Lower	Upper	
107	100		
108	112.8	87.6	131.4
77	45.7	36.1	54.1
79	45.0	36.4	54.6

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.416 ng

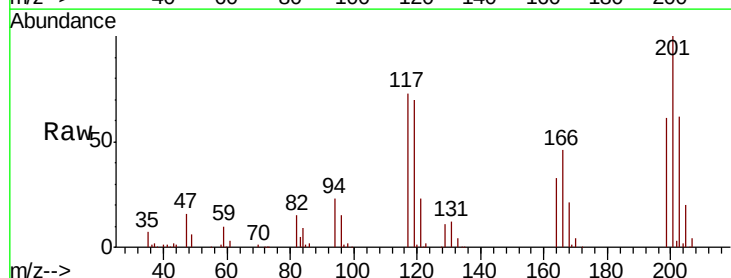
RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

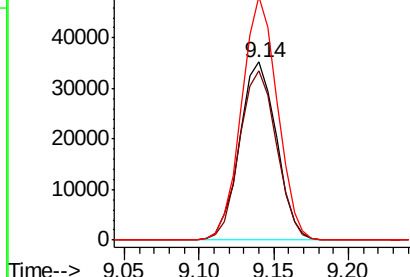
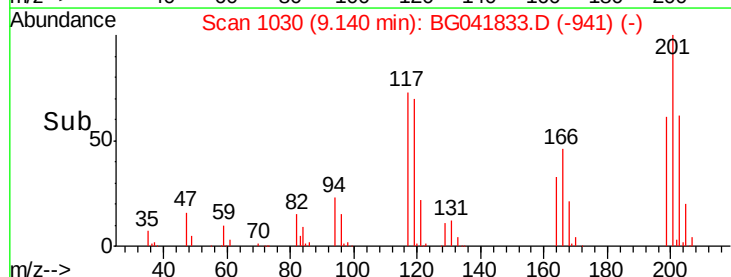
Lab File: BG041833.D

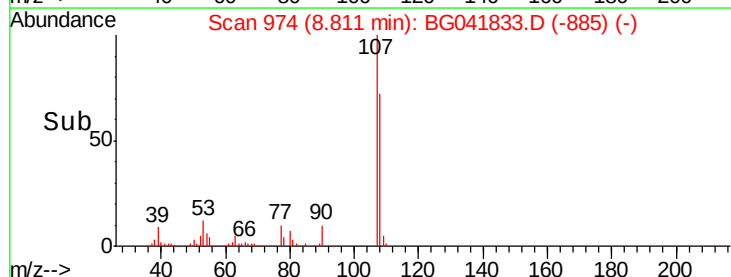
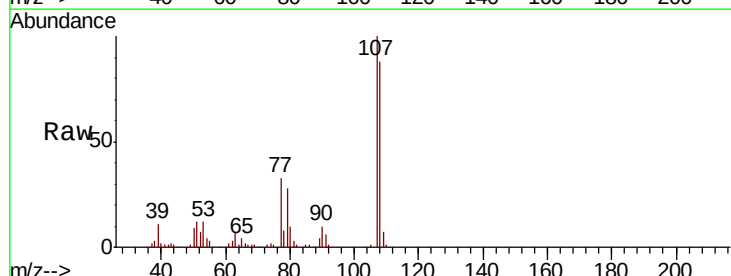
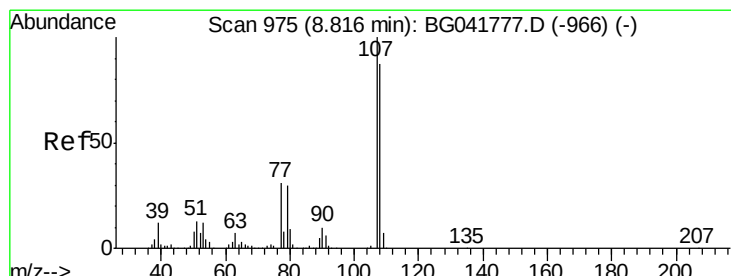
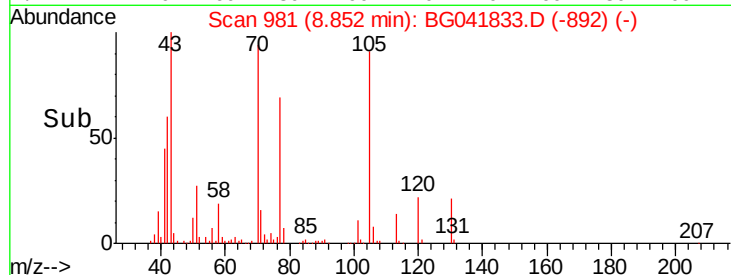
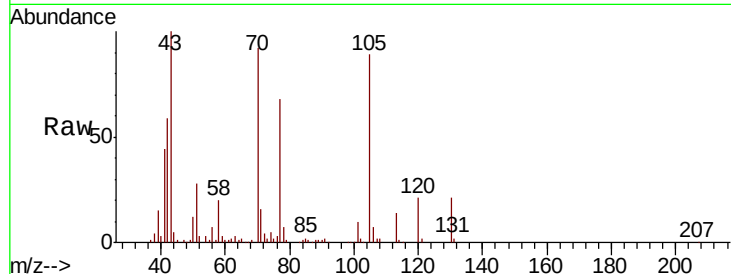
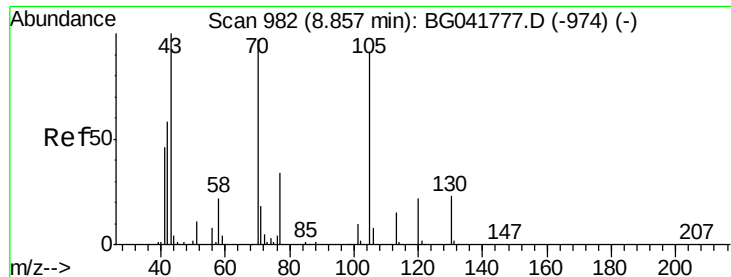
Acq: 31 Jul 2019 14:53

Tgt Ion:	117	Resp:	60385
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.2	114.2
201	136.8	94.1	141.1



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





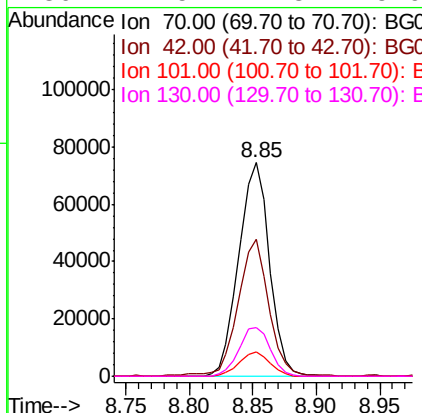
#19
n-Nitroso-di-n-propylamine
Concen: 36.250 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.9	55.8	83.6	
101	11.4	8.1	12.1	
130	22.5	17.3	25.9	

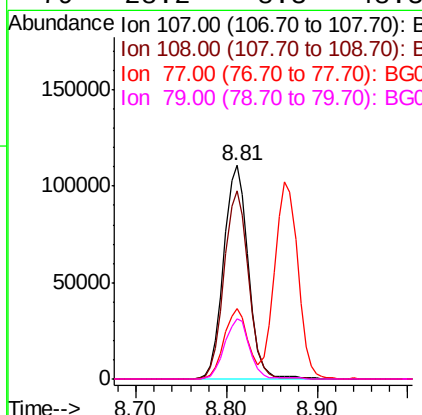
Manual Integrations
APPROVED

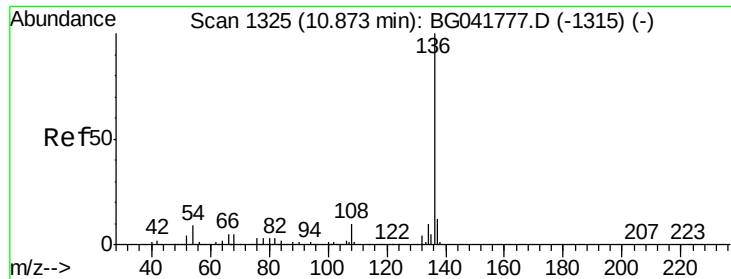
mohammad
8/1/2019 5:05:32 PM



#20
3+4-Methylphenols
Concen: 42.308 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	67.5	107.5	
77	32.7	12.3	52.3	
79	28.2	8.3	48.3	





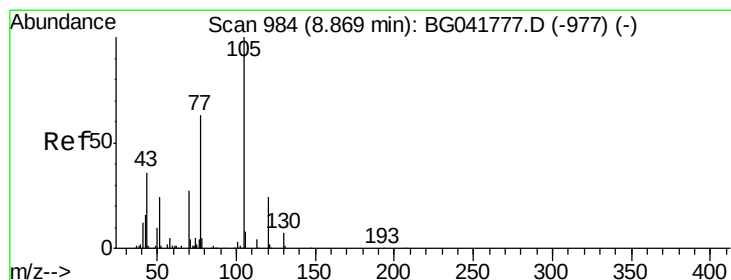
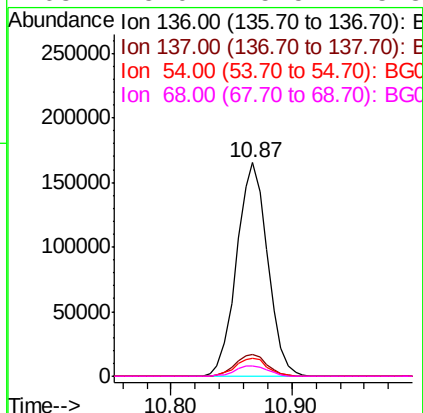
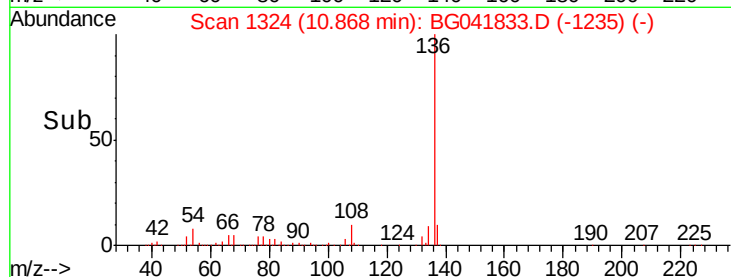
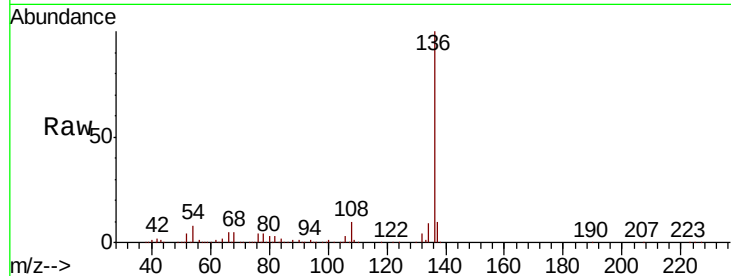
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	295217		
137	10.5	9.2	13.8	
54	8.4	8.7	13.1#	
68	5.0	5.5	8.3#	

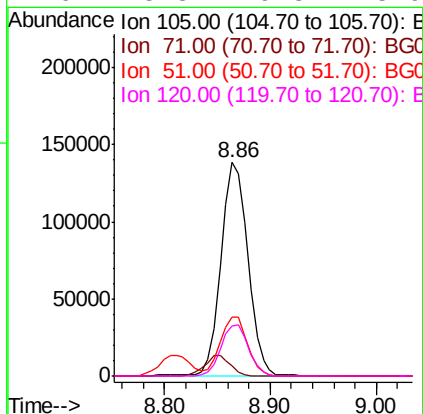
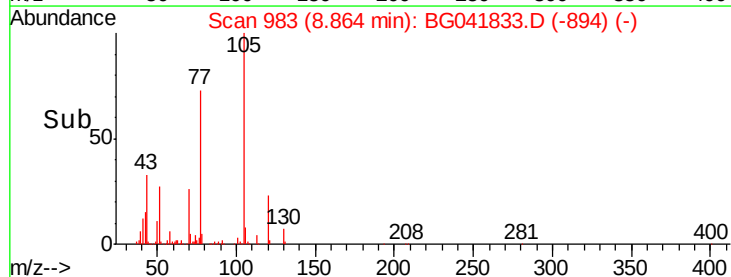
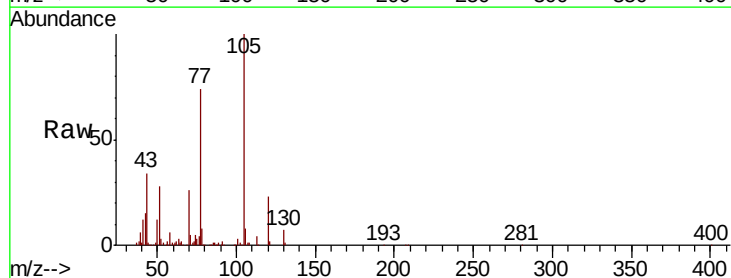
Manual Integrations
APPROVED

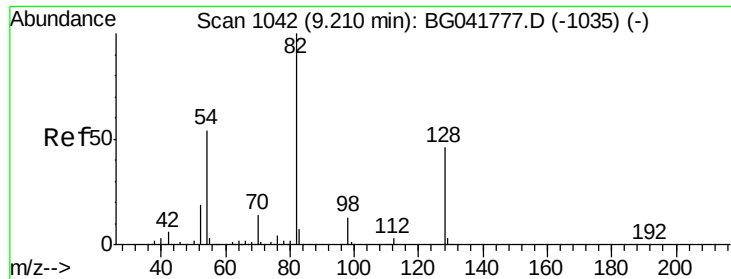
mohammad
8/1/2019 5:05:32 PM



#22
Acetophenone
Concen: 37.170 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245444		
71	4.9	5.9	8.9#	
51	27.7	27.7	41.5#	
120	23.3	19.3	28.9	





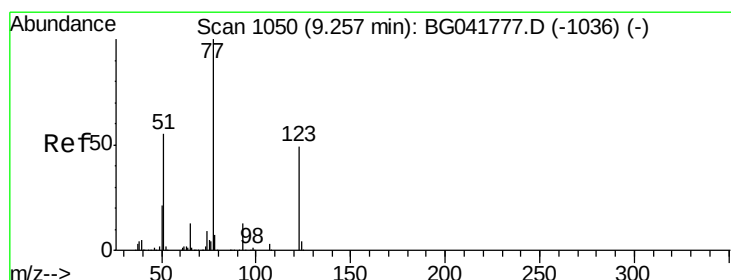
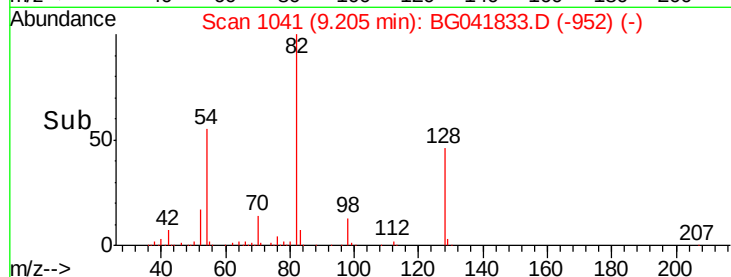
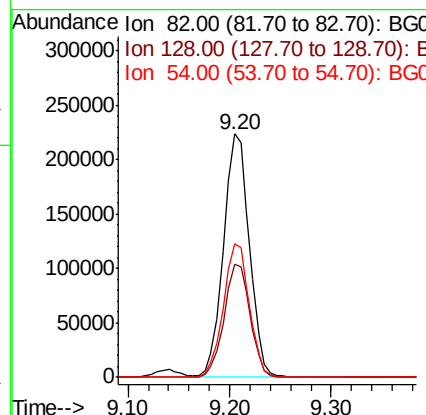
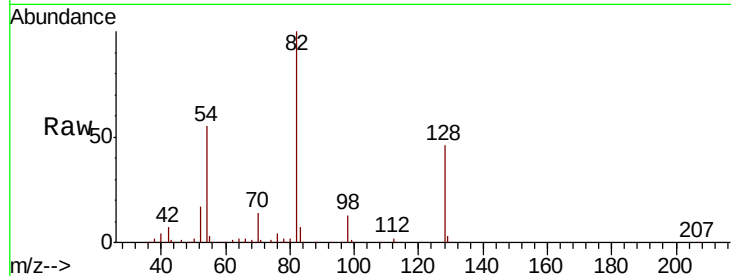
#23
 Nitrobenzene-d5
 Concen: 92.131 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Instrument :
 BNA_G
 ClientSampled :
 TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	395237		
128	46.4		35.1	52.7
54	54.8		48.7	73.1

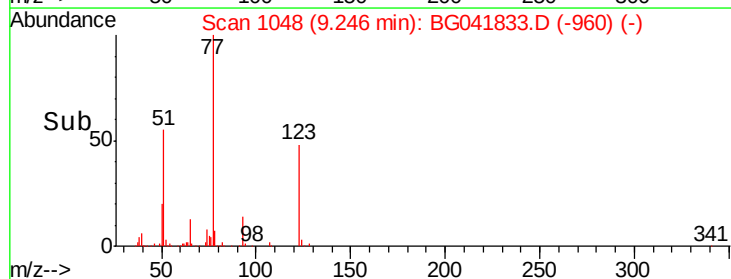
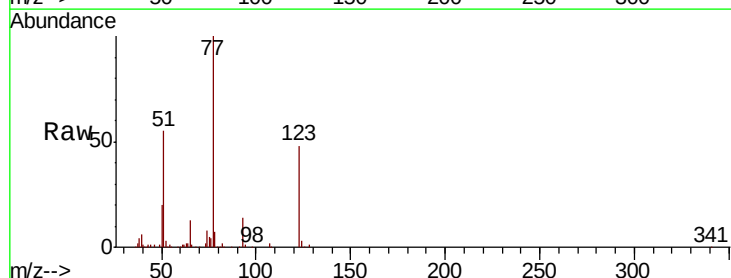
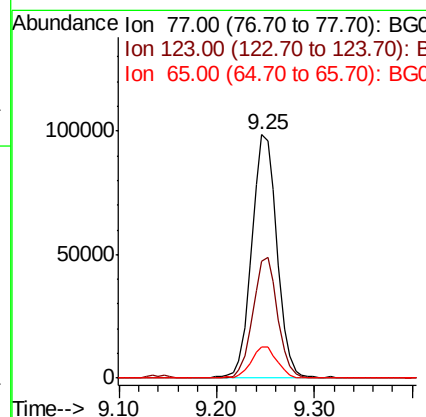
Manual Integrations
 APPROVED

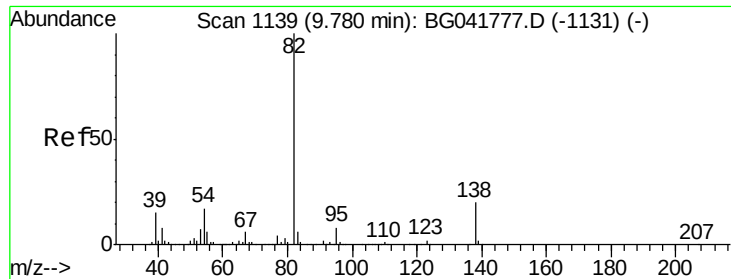
mohammad
 8/1/2019 5:05:32 PM



#24
 Nitrobenzene
 Concen: 39.690 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	179378		
123	48.1		38.1	57.1
65	12.8		11.0	16.6





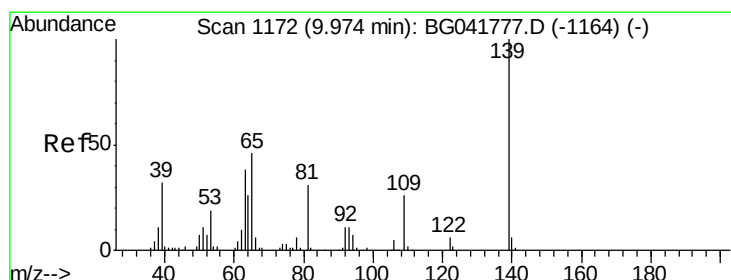
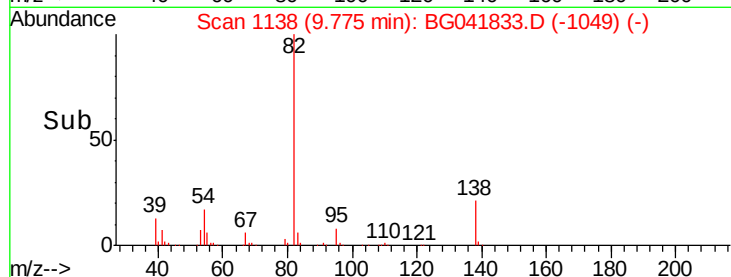
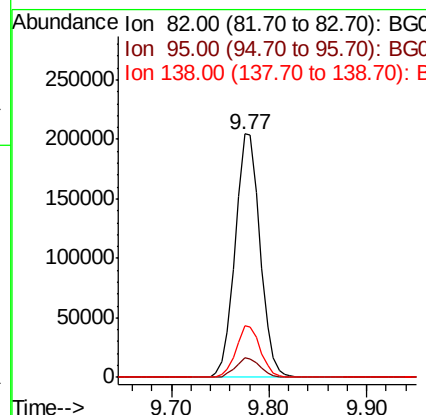
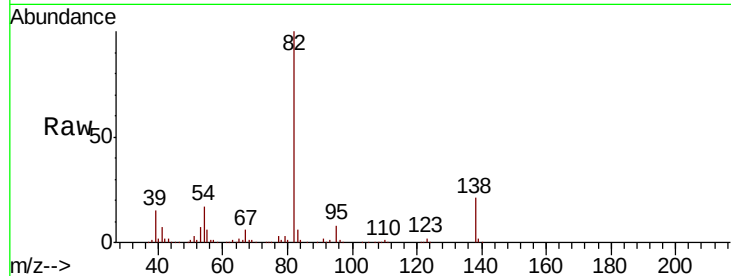
#25
Isophorone
Concen: 38.718 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	361318		
95	7.8	5.9	8.9	
138	21.1	16.3	24.5	

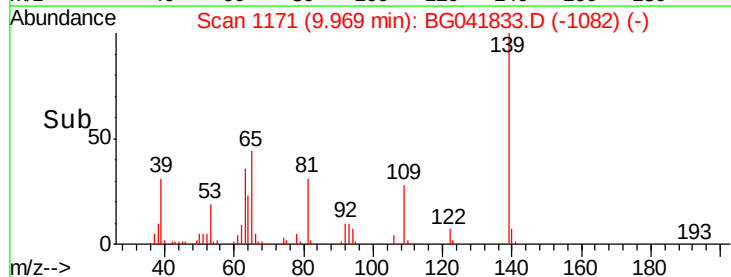
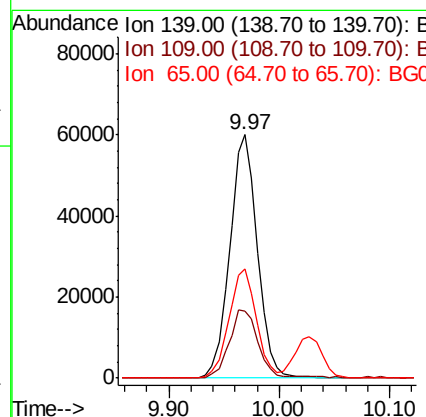
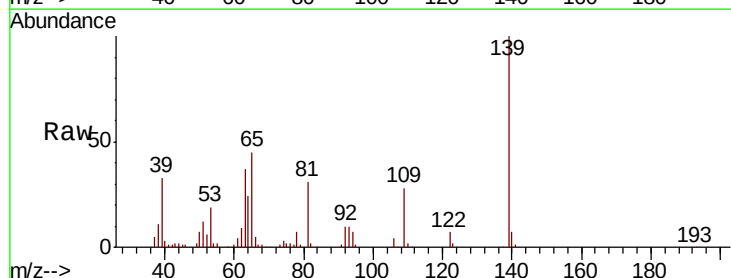
Manual Integrations
APPROVED

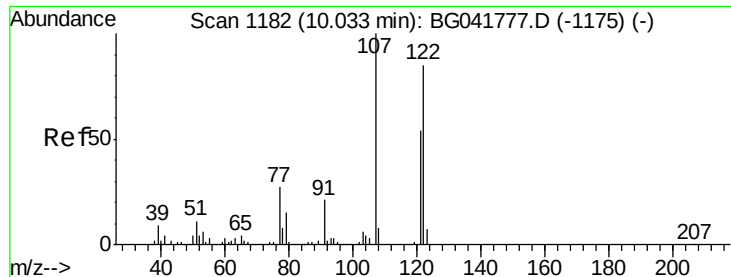
mohammad
8/1/2019 5:05:32 PM



#26
2-Nitrophenol
Concen: 49.815 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104489		
109	27.7	22.7	34.1	
65	44.8	41.1	61.7	





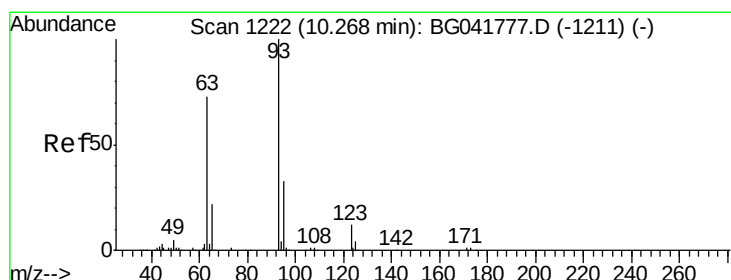
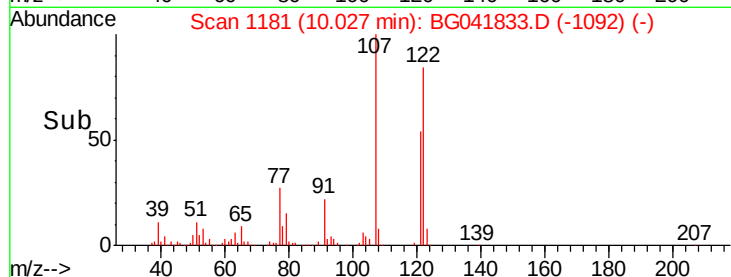
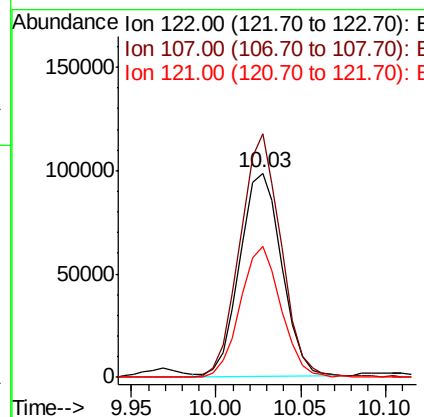
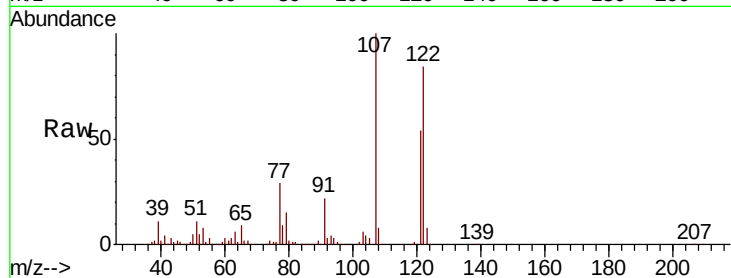
#27
2,4-Dimethylphenol
Concen: 45.866 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	91.3	136.9
121	64.0	49.2	73.8

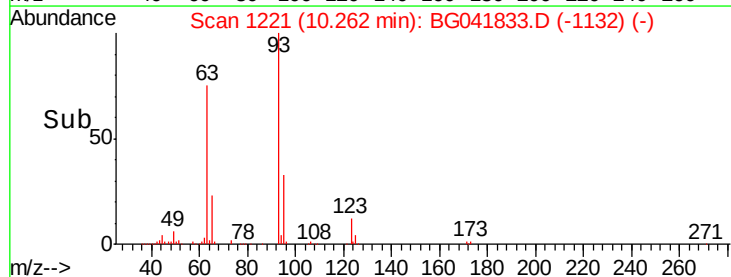
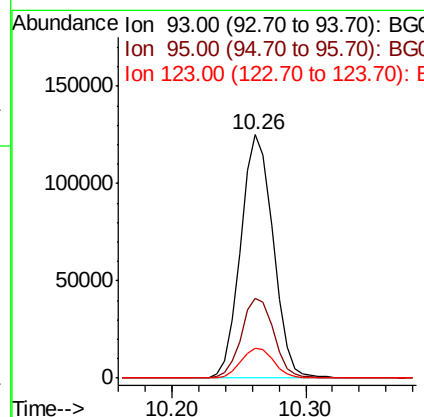
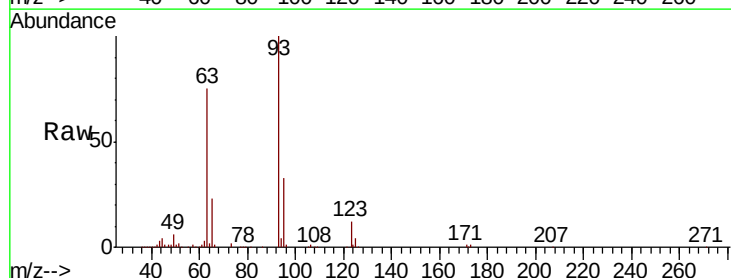
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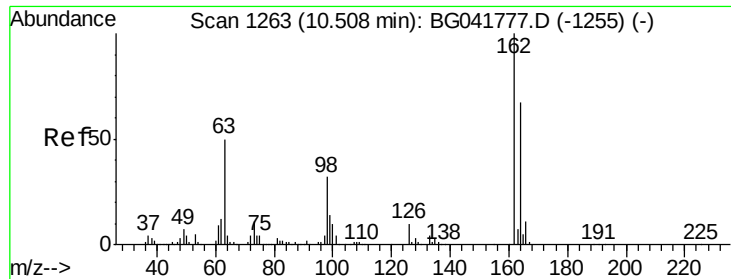
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.134 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.3	9.9	14.9





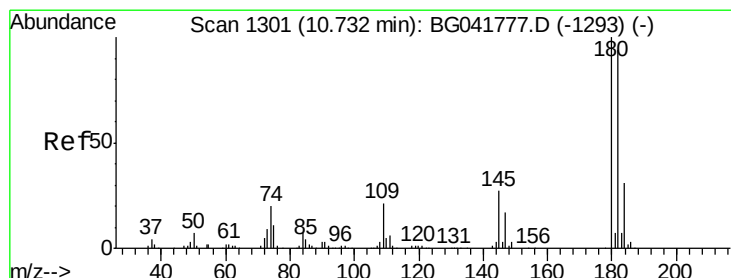
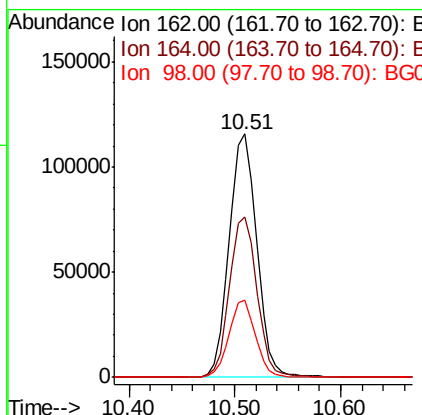
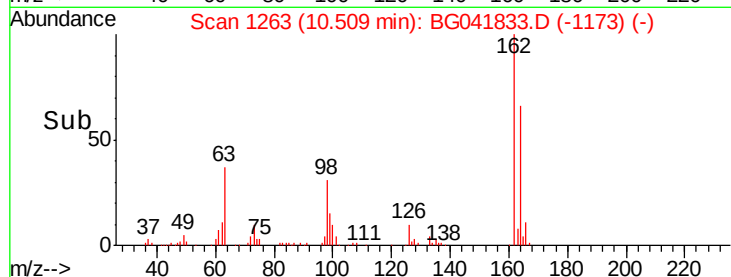
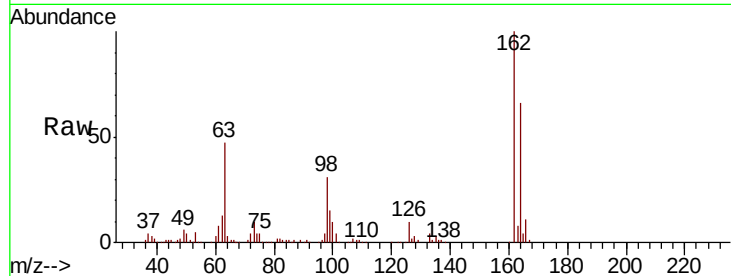
#29
2,4-Dichlorophenol
Concen: 46.377 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	209079		
164	65.9		46.1	86.1
98	31.5		14.7	54.7

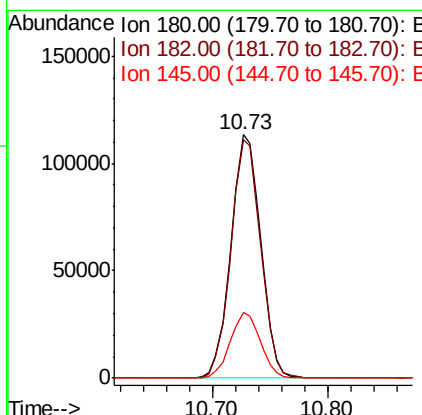
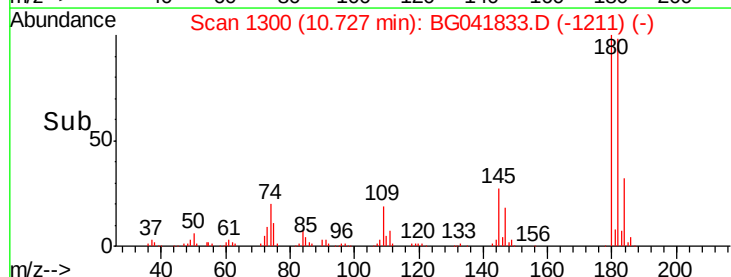
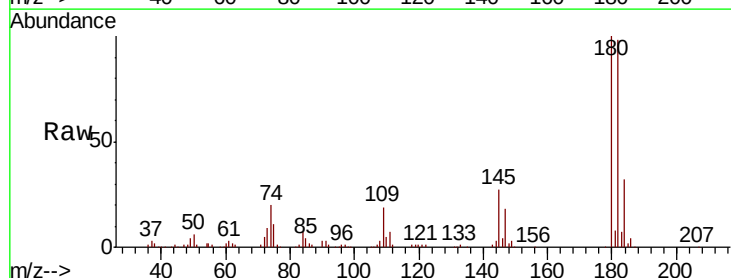
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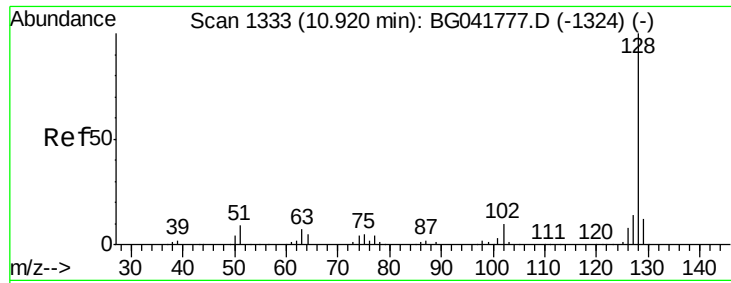
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#30
1,2,4-Trichlorobenzene
Concen: 35.497 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202929		
182	97.9		76.2	114.2
145	27.1		23.8	35.8





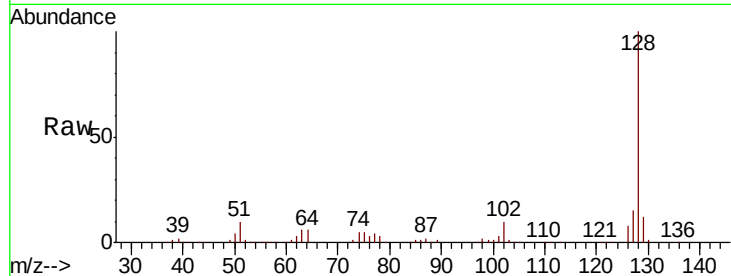
#31
Naphthalene
Concen: 38.218 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	14.7	12.3	18.5

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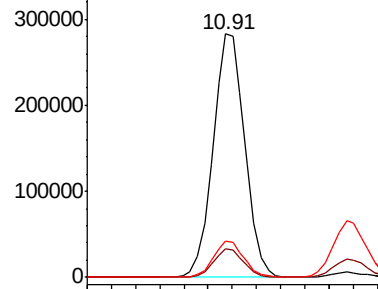


Abundance

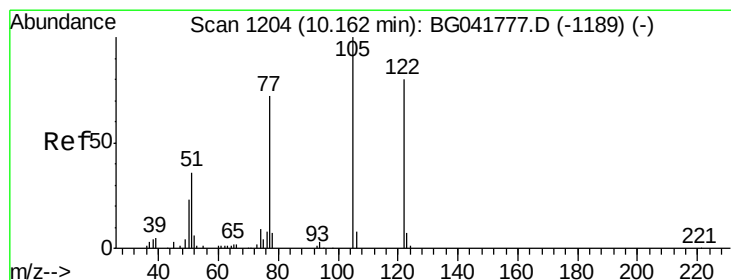
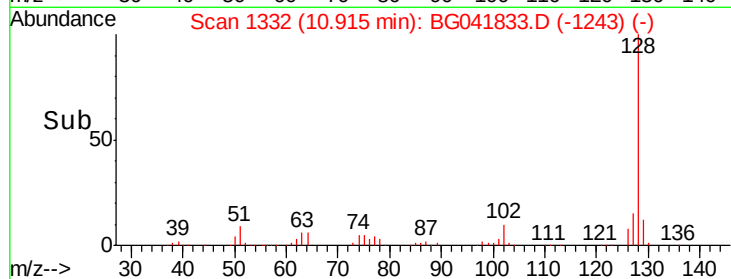
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

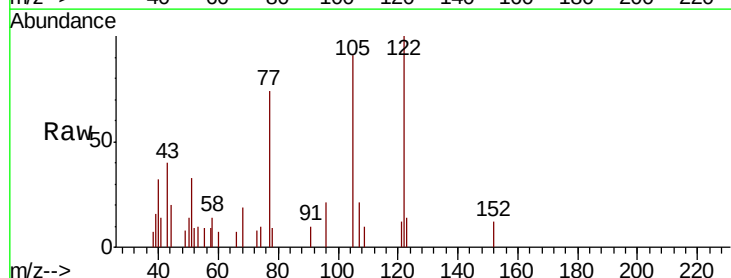


Time--> 10.80 10.90 11.00



#32
Benzoic acid
Concen: 12.317 ng m
RT: 10.10 min Scan# 1193
Delta R.T. -0.06 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	90.5	101.5	141.5#
77	73.8	73.0	113.0

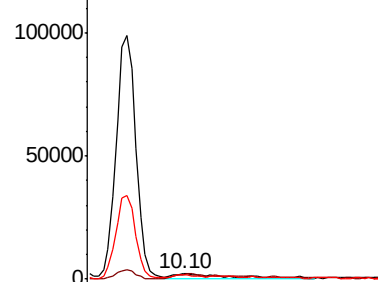


Abundance

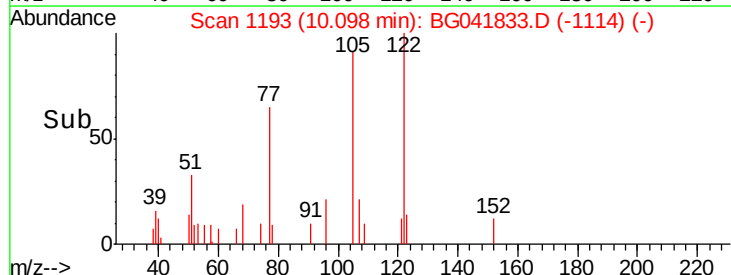
Ion 122.00 (121.70 to 122.70): E

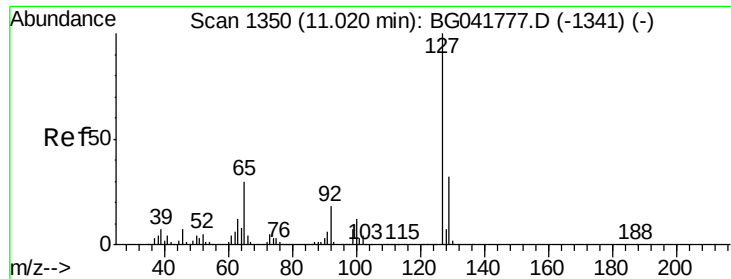
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



Time--> 10.00 10.10 10.20 10.30





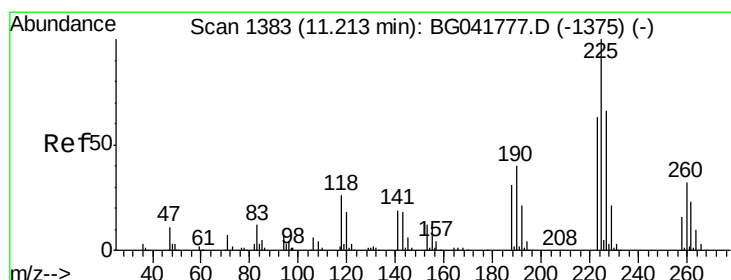
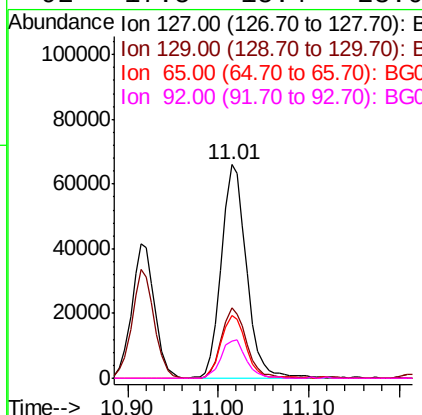
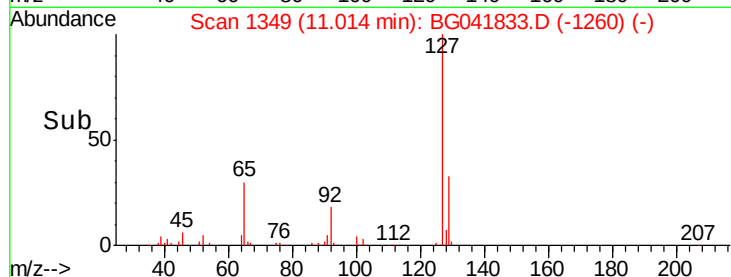
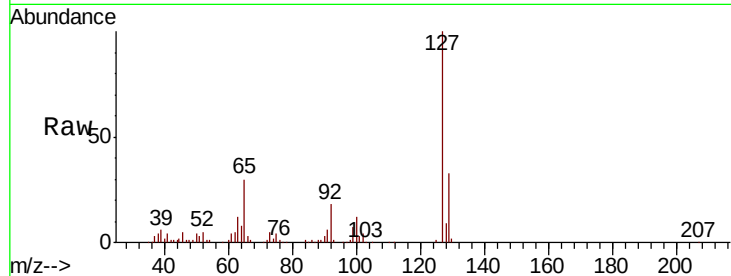
#33
4-Chloroaniline
Concen: 19.919 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion:	127	Resp:	127628
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.8
65	29.6	26.7	40.1
92	17.5	15.4	23.0

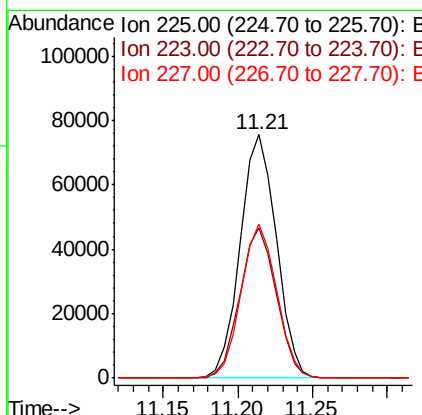
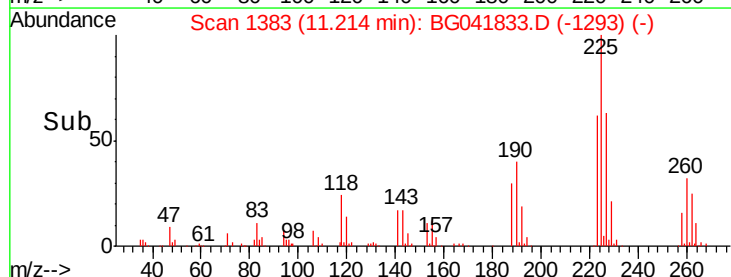
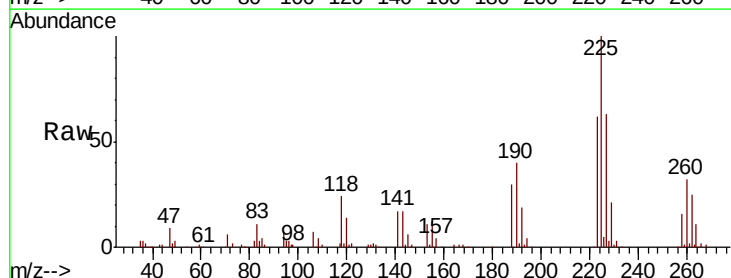
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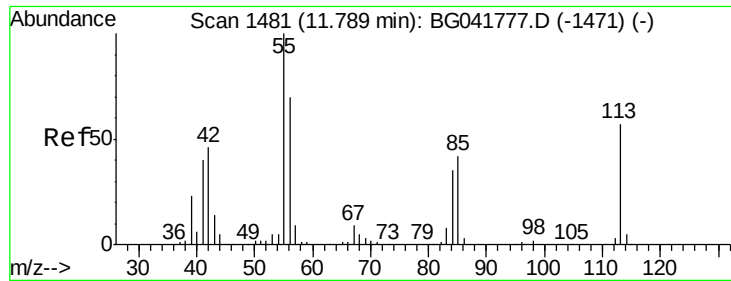
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#34
Hexachlorobutadiene
Concen: 32.854 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion:	225	Resp:	126762
Ion Ratio	Lower	Upper	
225	100		
223	61.8	51.1	76.7
227	63.2	50.9	76.3





#35

Caprolactam

Concen: 56.953 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

ClientSampleId :

TP-6MS

Tot Ion:113 Resp: 89230

Ion Ratio Lower Upper

113 100

55 174.2 199.4 239.4#

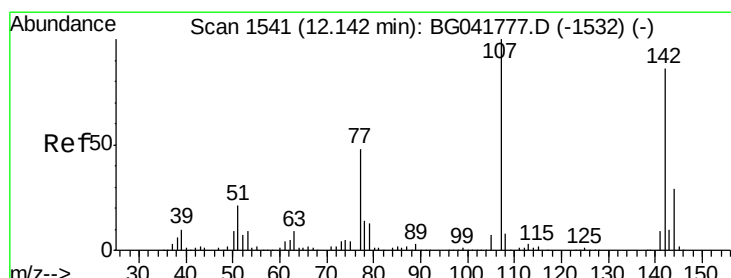
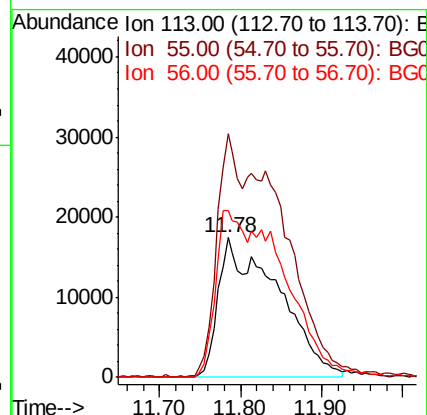
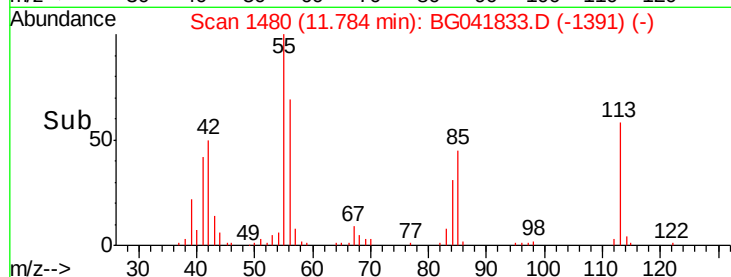
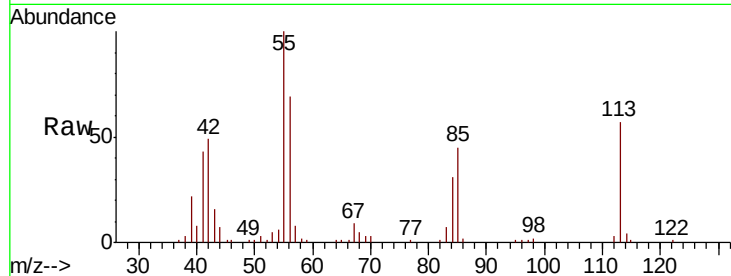
56 119.5 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 50.244 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

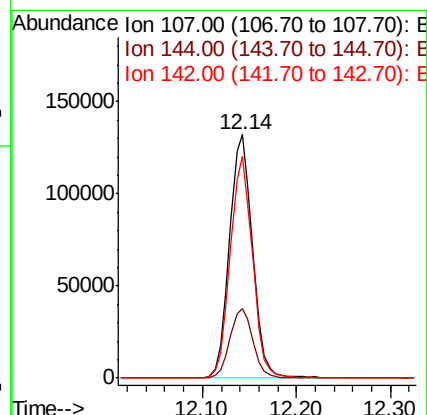
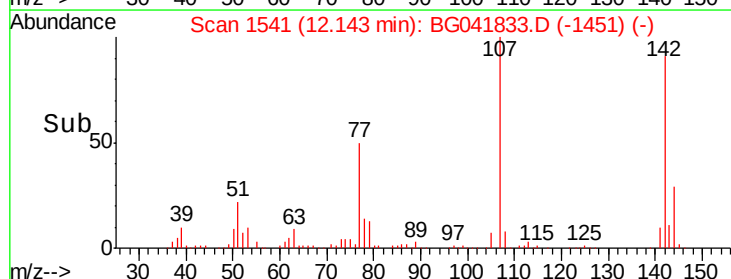
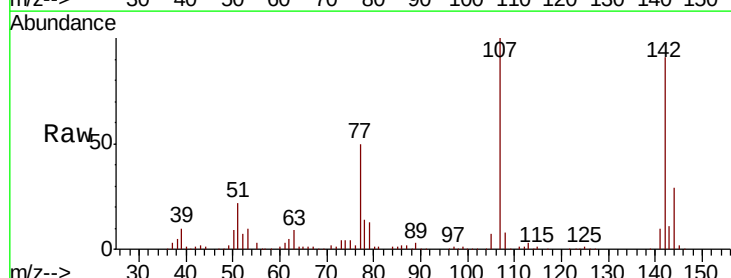
Tgt Ion:107 Resp: 224566

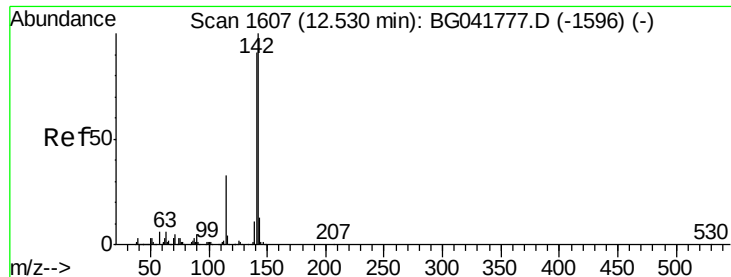
Ion Ratio Lower Upper

107 100

144 28.8 22.2 33.2

142 91.0 67.3 100.9





#37

2-Methylnaphthalene

Concen: 40.005 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

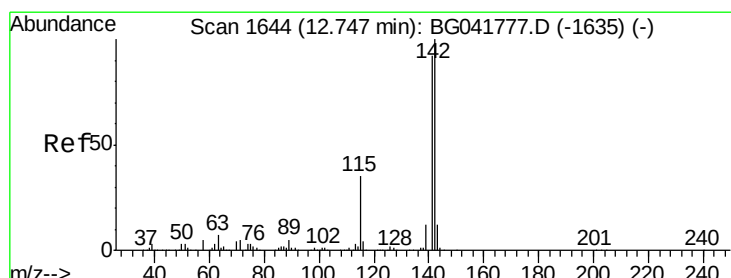
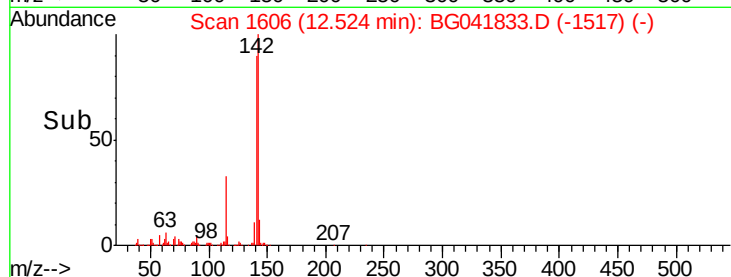
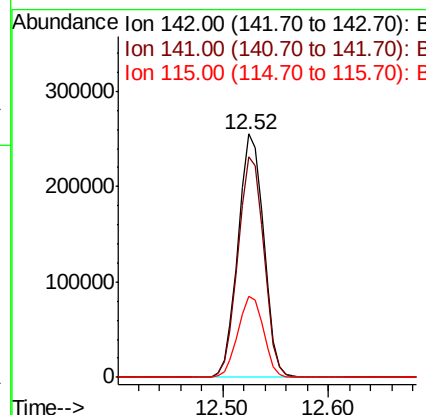
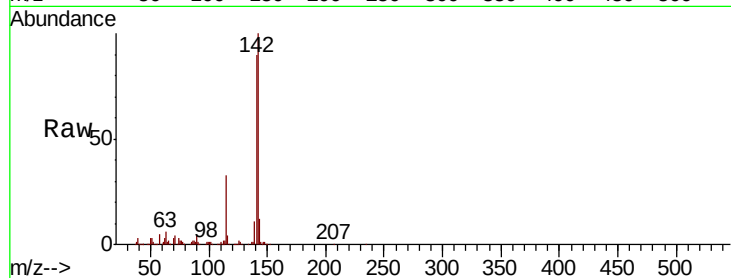
ClientSampleId :

TP-6MS

Tot Ion:	142	Resp:	427840
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.7	109.1
115	33.4	27.0	40.4

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#38

1-Methylnaphthalene

Concen: 40.710 ng

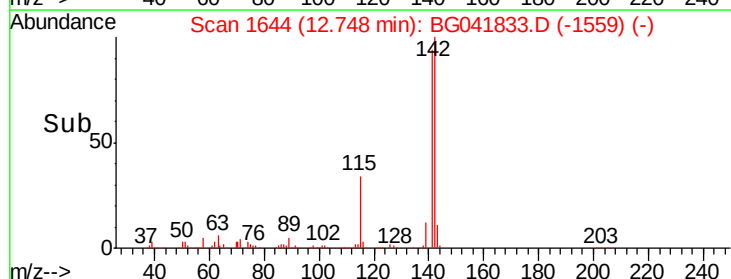
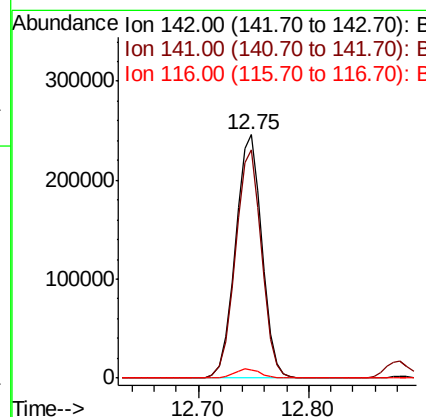
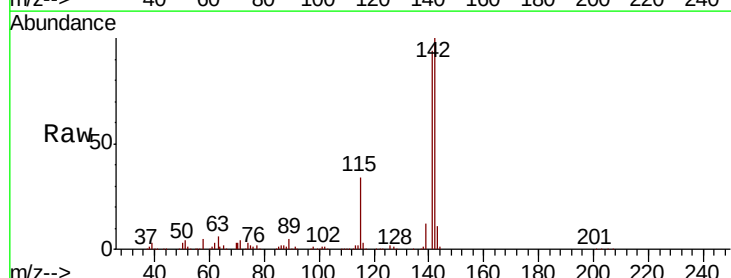
RT: 12.75 min Scan# 1644

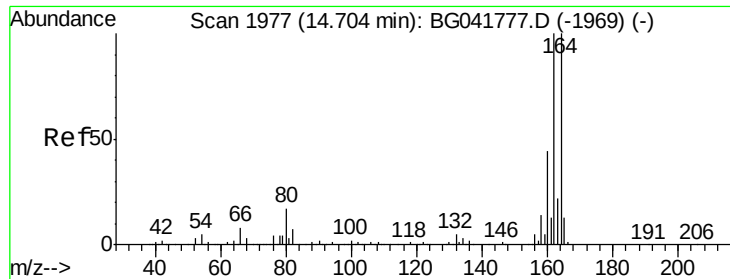
Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	142	Resp:	412595
Ion Ratio	Lower	Upper	
142	100		
141	93.8	75.4	113.2
116	3.3	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

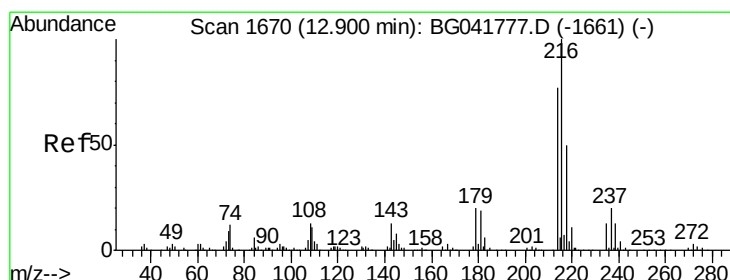
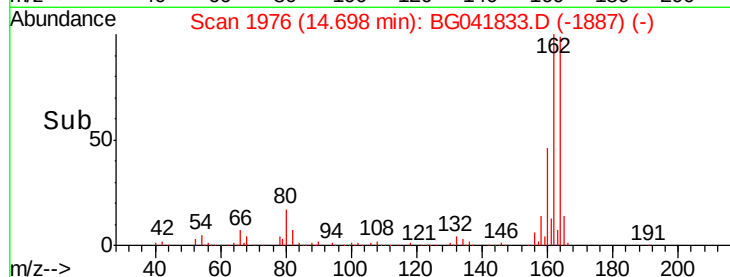
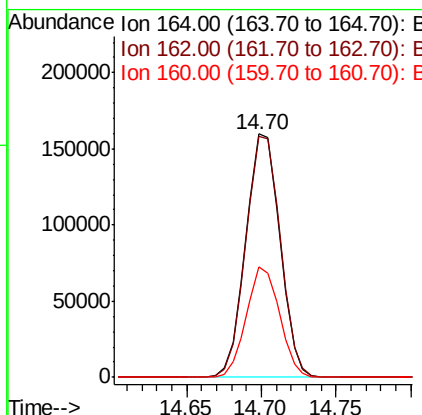
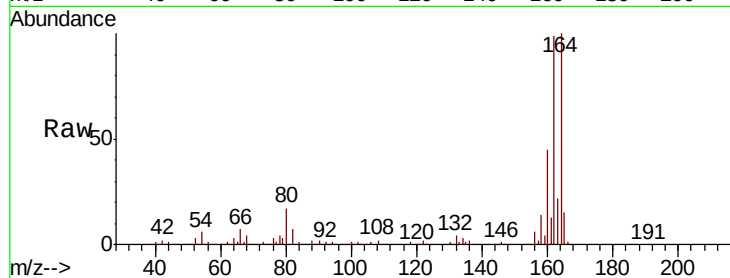
ClientSampleId :

TP-6MS

Tot Ion:	164	Resp:	253917
Ion Ratio	Lower	Upper	
164	100		
162	99.2	79.6	119.4
160	45.2	35.4	53.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.023 ng

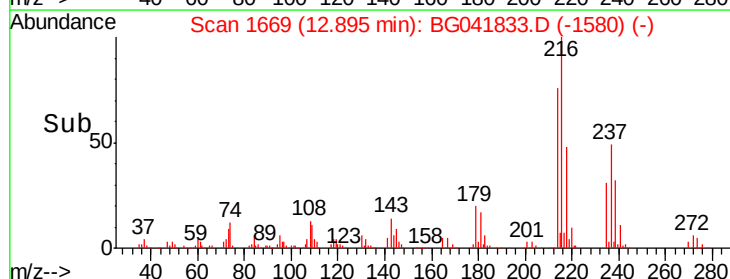
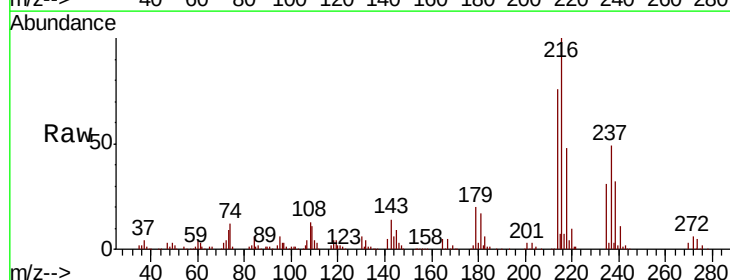
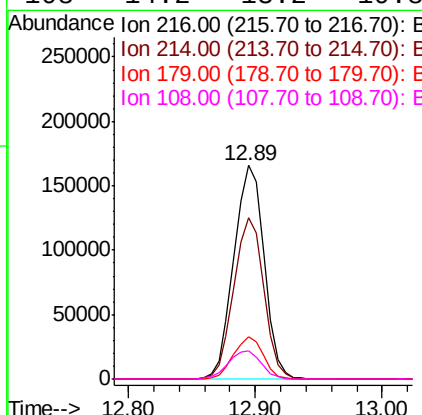
RT: 12.89 min Scan# 1669

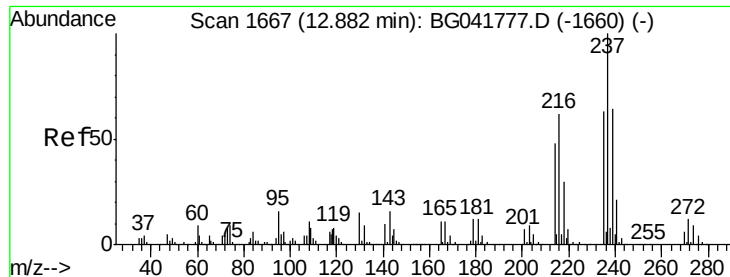
Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	216	Resp:	273462
Ion Ratio	Lower	Upper	
216	100		
214	75.2	61.5	92.3
179	19.3	16.2	24.2
108	14.2	13.2	19.8





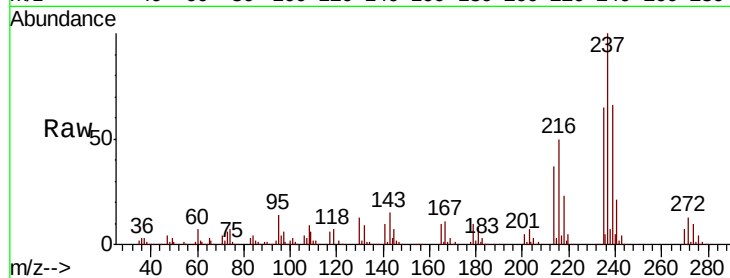
#41
Hexachlorocyclopentadiene
Concen: 64.036 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	43.5	83.5
272	13.2	0.0	31.2

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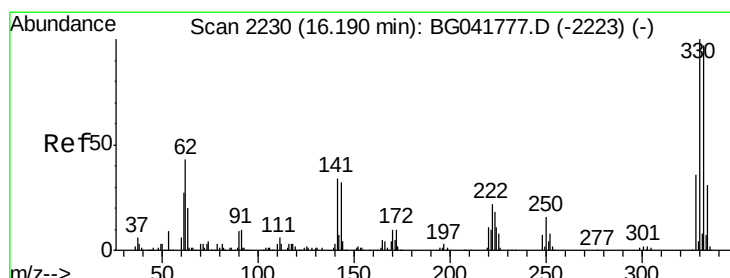
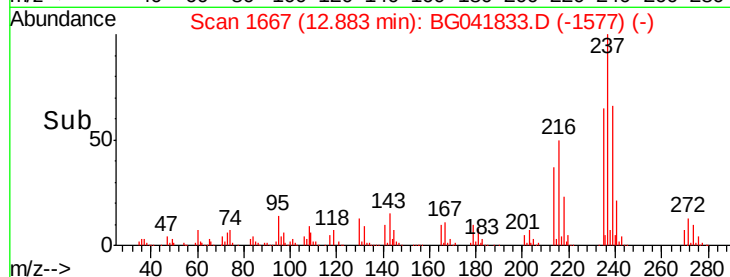
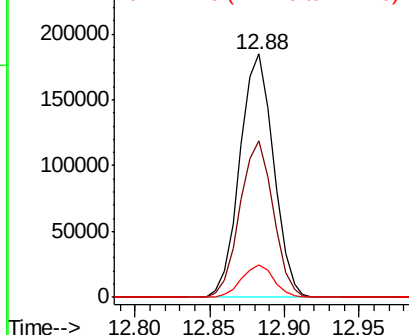


Abundance

Ion 236.80 (236.50 to 237.50): E

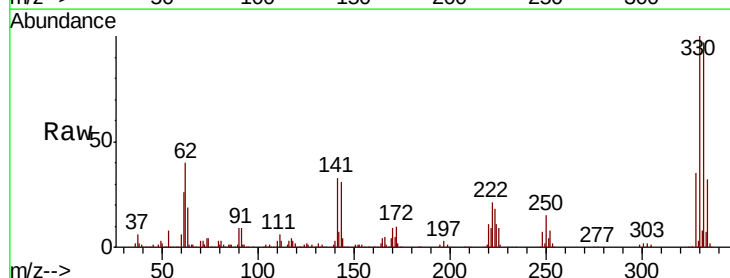
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 162.023 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	77.4	116.0
141	32.7	31.9	47.9

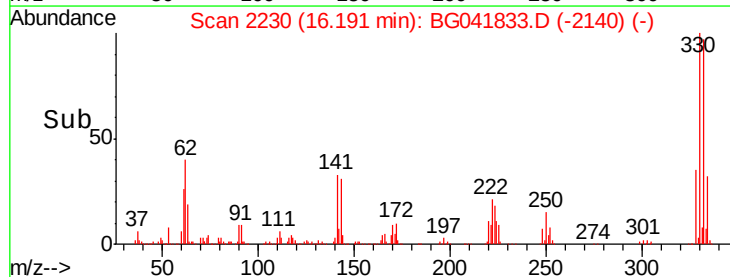
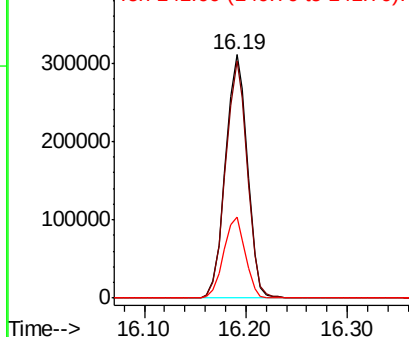


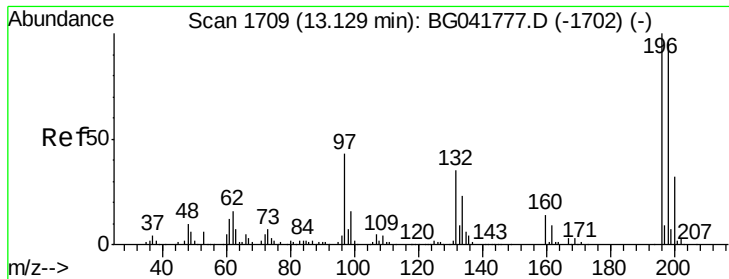
Abundance

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





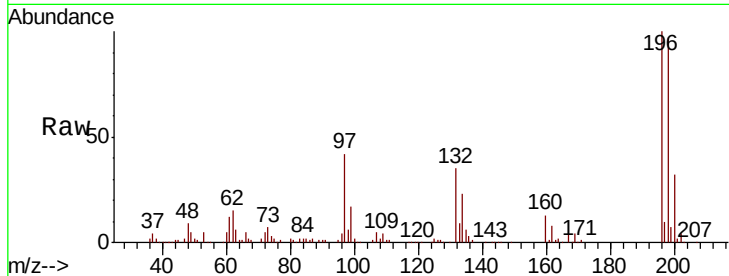
#43
 2,4,6-Trichlorophenol
 Concen: 42.314 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214957		
198	97.0	79.6	119.4	
200	32.1	25.2	37.8	

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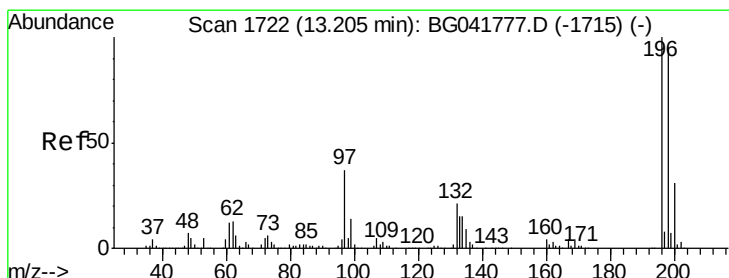
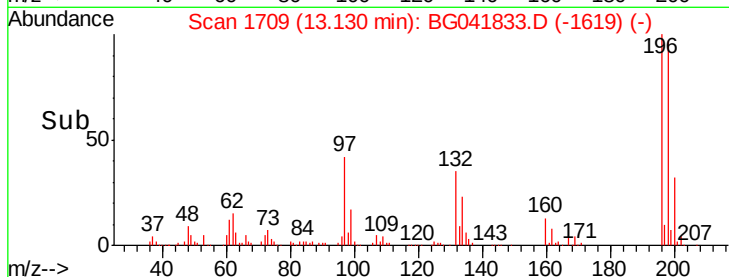
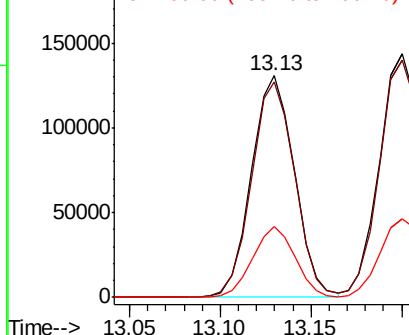


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.824 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241909		
198	97.6	80.6	121.0	
97	35.9	33.9	50.9	
132	22.7	20.2	30.2	

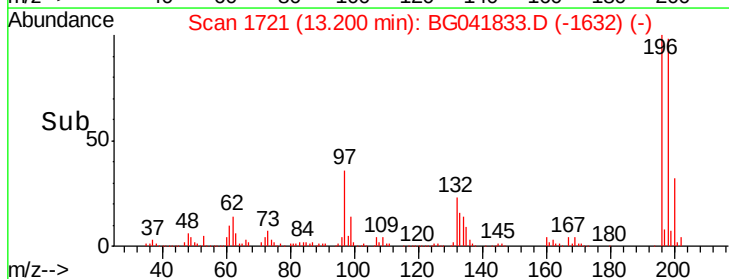
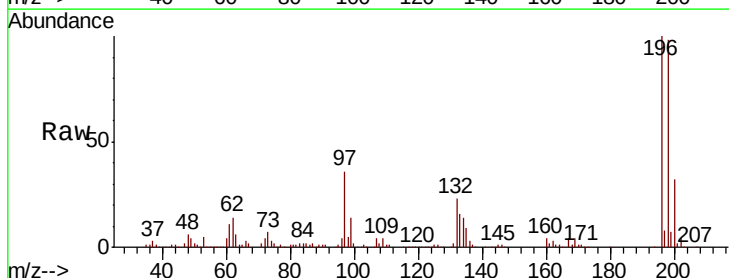
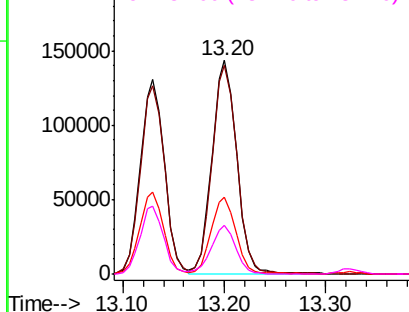
Abundance

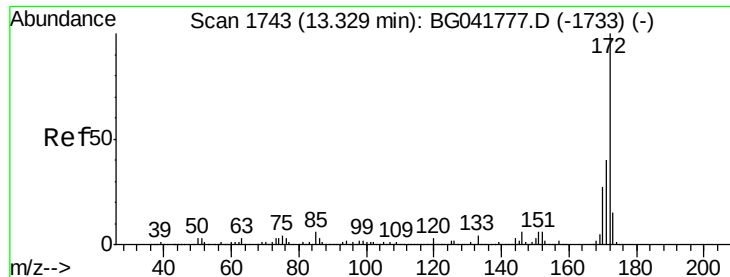
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





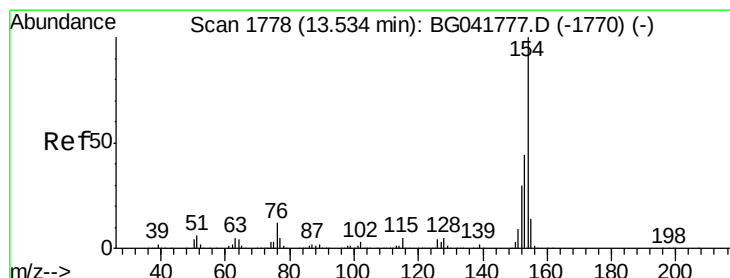
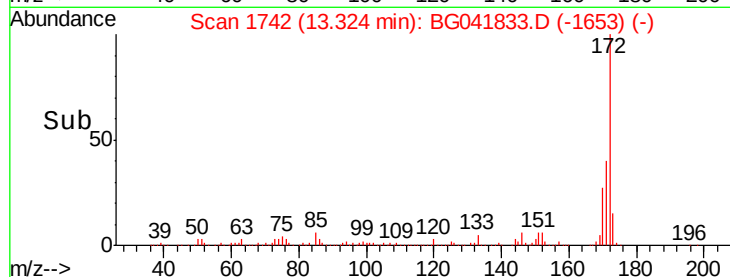
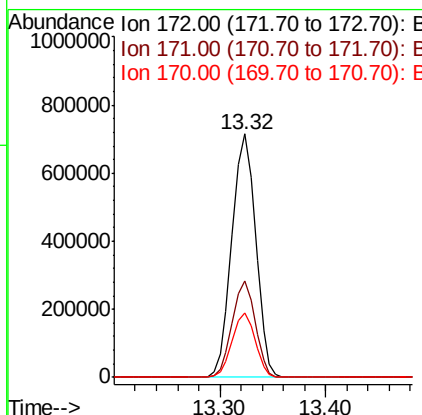
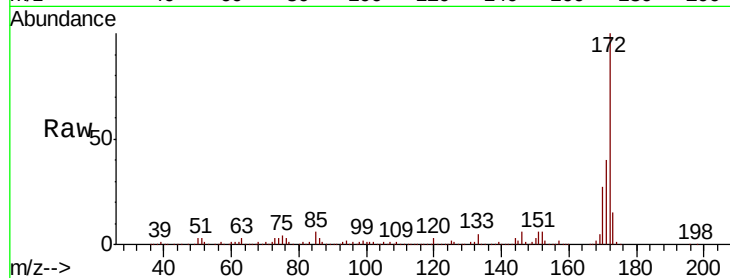
#45
2-Fluorobiphenyl
Concen: 77.432 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.6	23.5	35.3

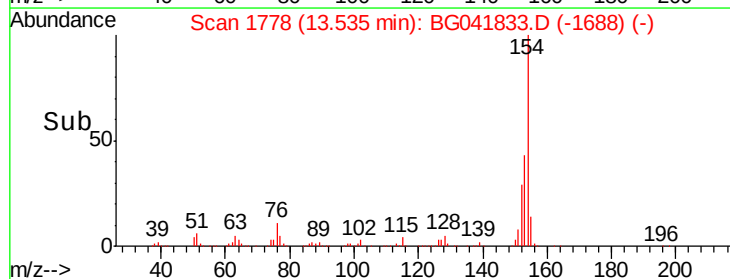
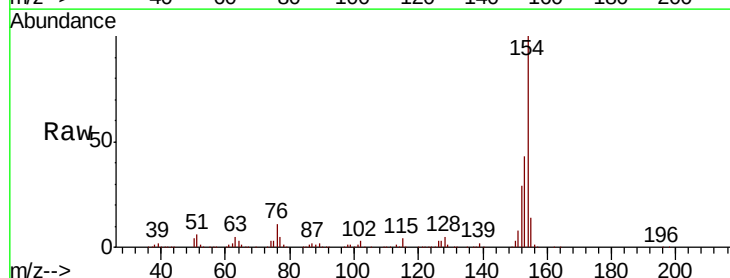
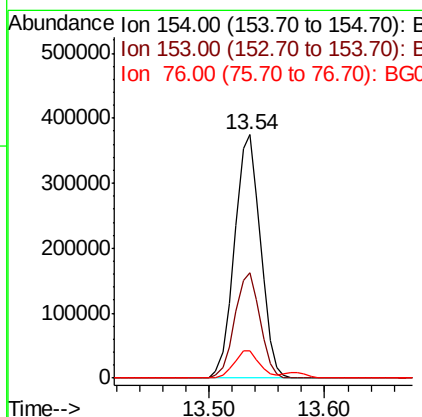
Manual Integrations
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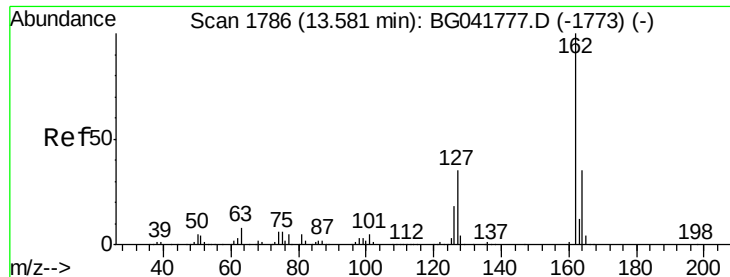
mohammad
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#46
1,1'-Biphenyl
Concen: 35.442 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	25.0	65.0
76	11.4	0.0	34.5





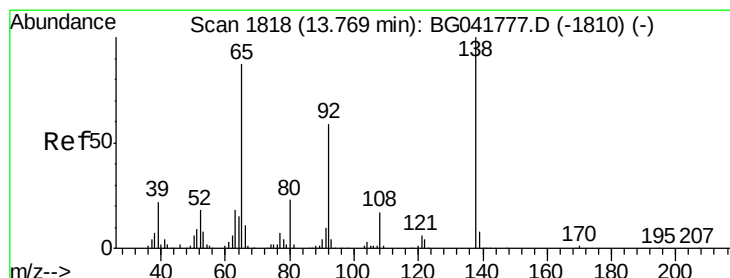
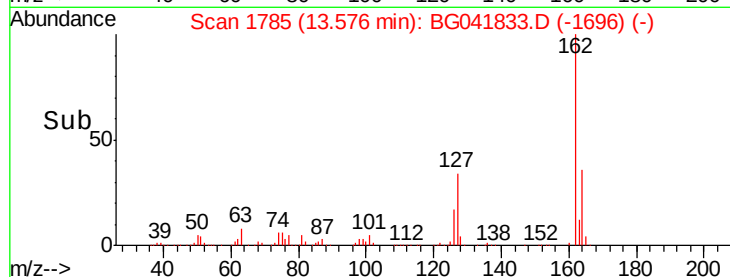
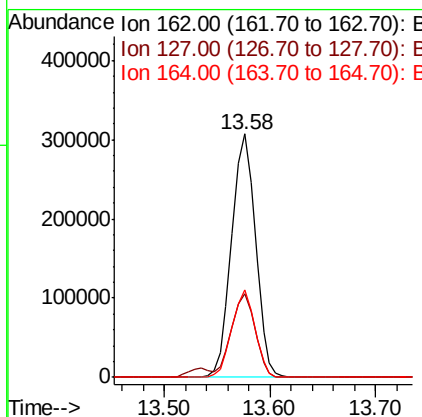
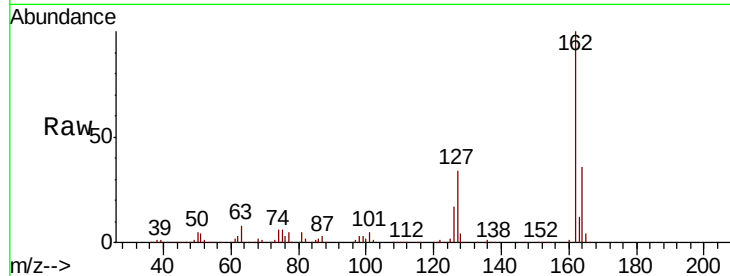
#47
2-Chloronaphthalene
Concen: 34.575 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	480486		
127	34.4		30.4	45.6
164	35.9		28.6	42.8

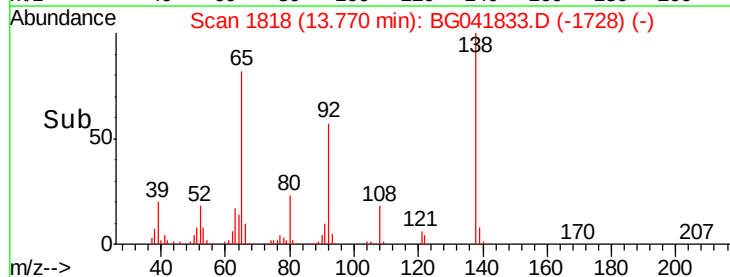
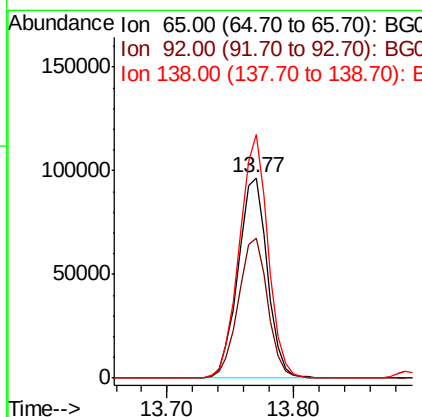
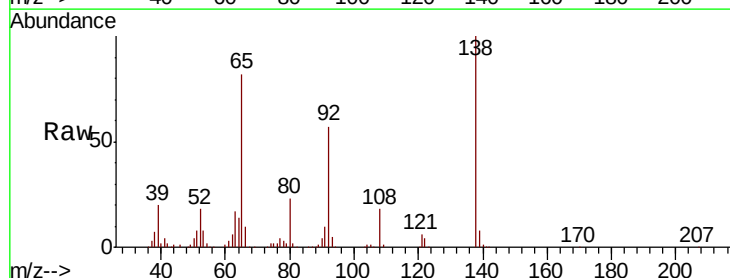
Manual Integrations
APPROVED

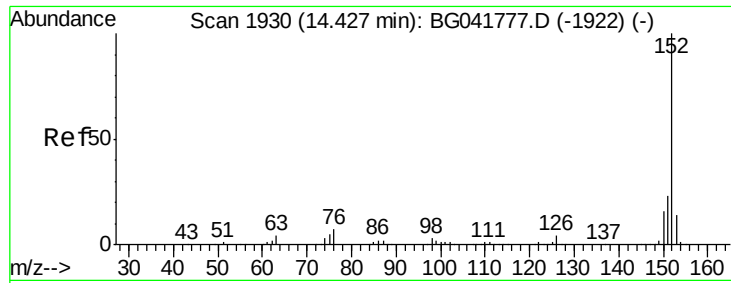
mohammad
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#48
2-Nitroaniline
Concen: 43.783 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	154316		
92	69.8		53.9	80.9
138	121.6		83.5	125.3





#49

Acenaphthylene

Concen: 39.220 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

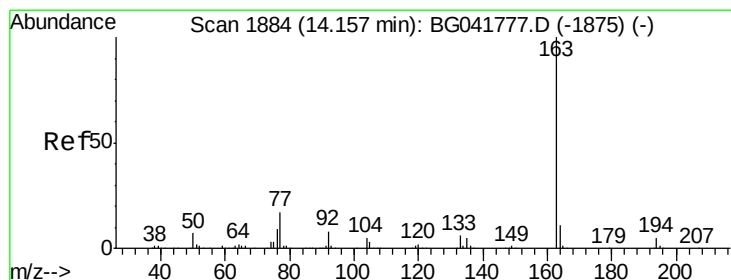
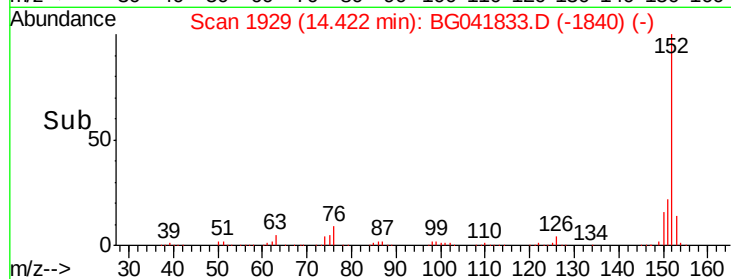
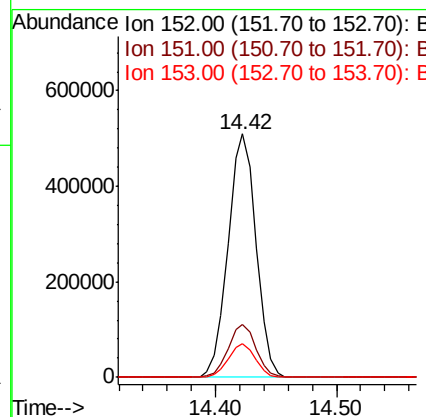
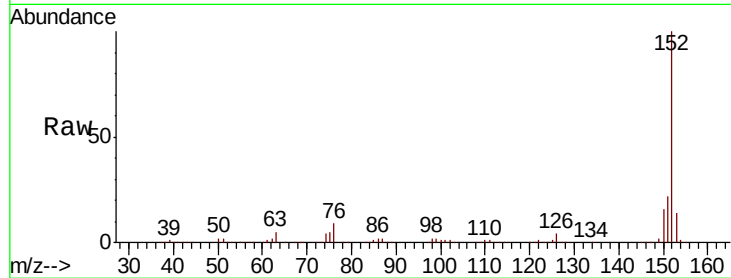
ClientSampleId :

TP-6MS

Tot Ion	152	Resp	815288
Ion Ratio	Lower	Upper	
152	100		
151	21.9	18.7	28.1
153	14.1	12.4	18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 52.611 ng

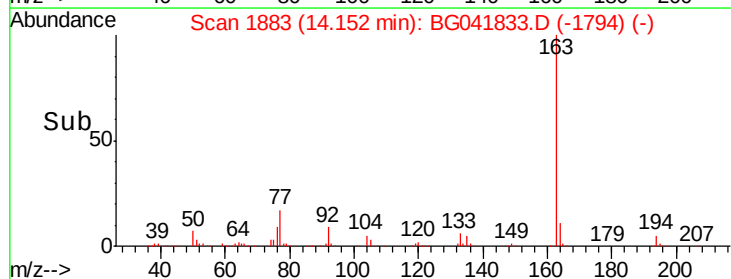
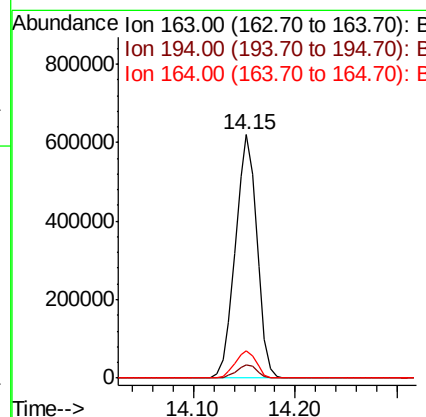
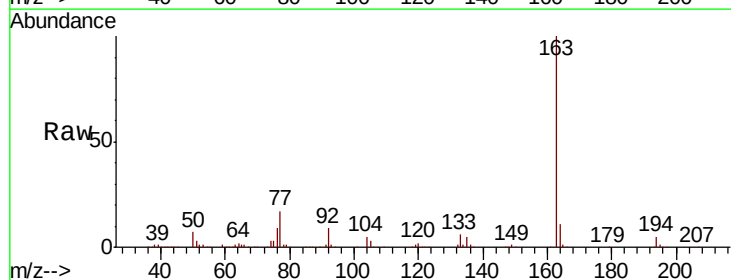
RT: 14.15 min Scan# 1883

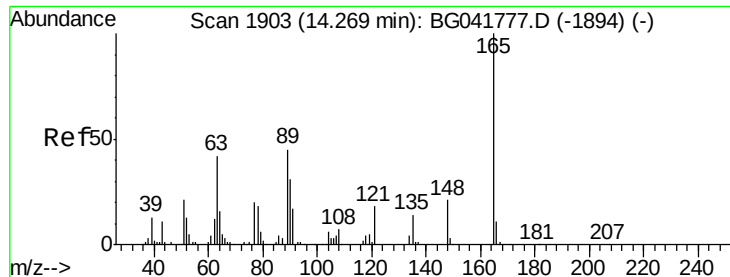
Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion	163	Resp	912348
Ion Ratio	Lower	Upper	
163	100		
194	5.5	4.2	6.2
164	11.3	9.4	14.2





#51

2,6-Dinitrotoluene

Concen: 47.002 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

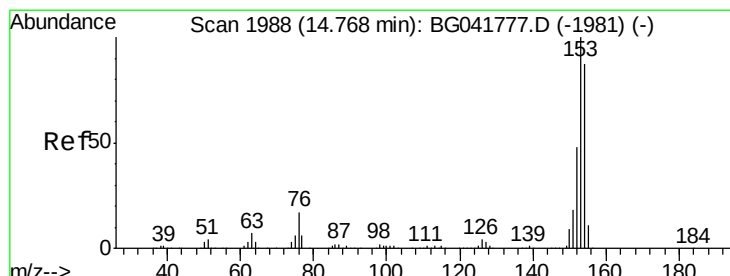
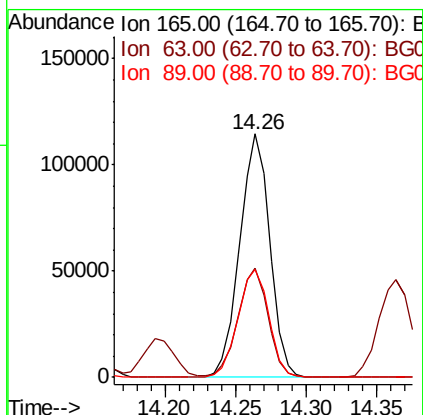
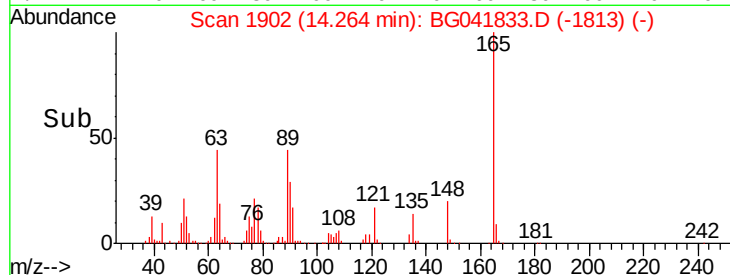
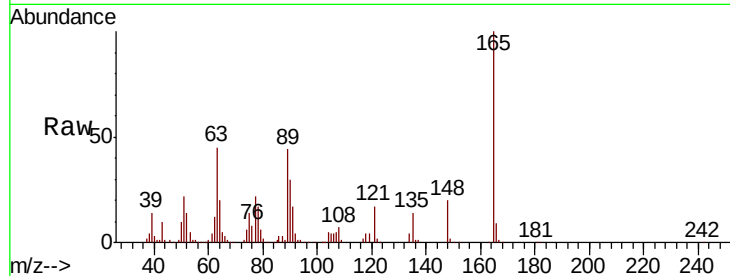
ClientSampleId :

TP-6MS

Tot Ion:	165	Resp:	170434
Ion Ratio	Lower	Upper	
165	100		
63	44.8	42.4	63.6
89	44.5	42.1	63.1

Manual Integrations
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#52

Acenaphthene

Concen: 38.315 ng

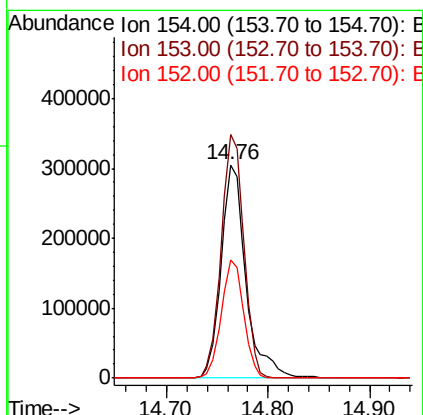
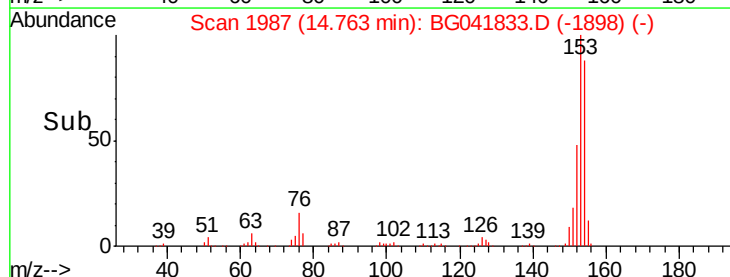
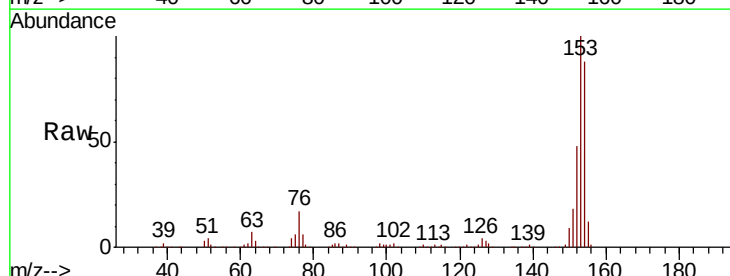
RT: 14.76 min Scan# 1987

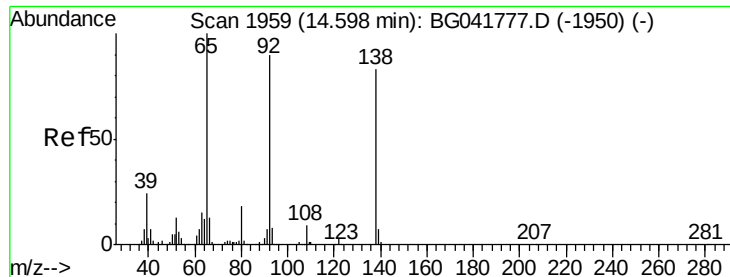
Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	154	Resp:	518018
Ion Ratio	Lower	Upper	
154	100		
153	114.1	89.8	134.6
152	55.2	44.9	67.3





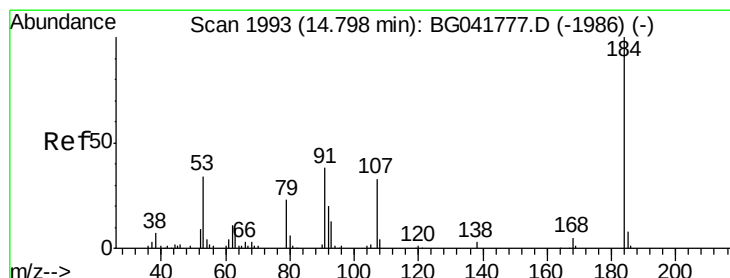
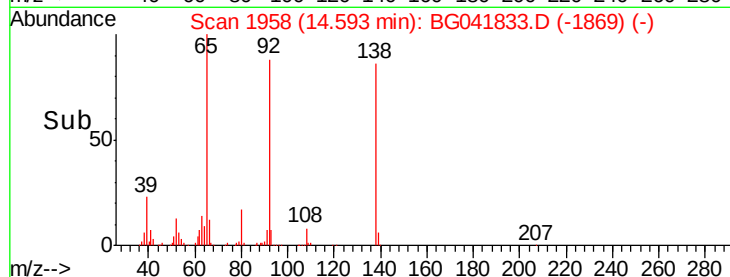
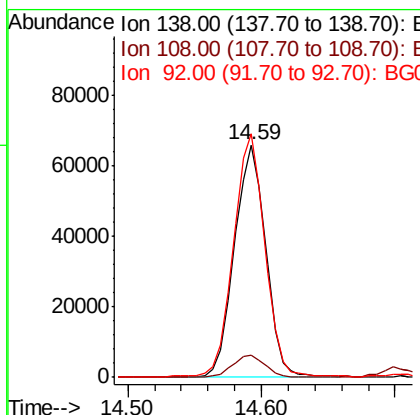
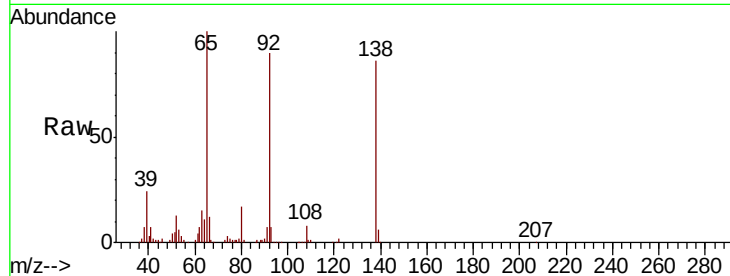
#53
3-Nitroaniline
Concen: 27.652 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	10.3	15.5#
92	104.7	93.0	139.4

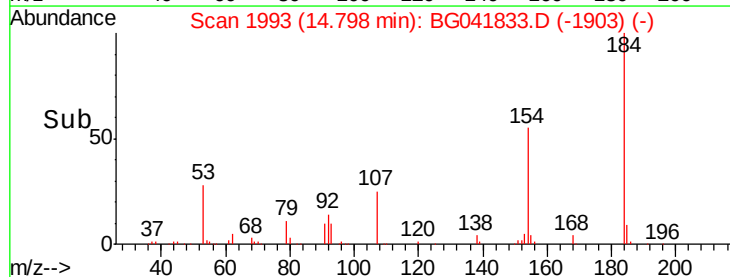
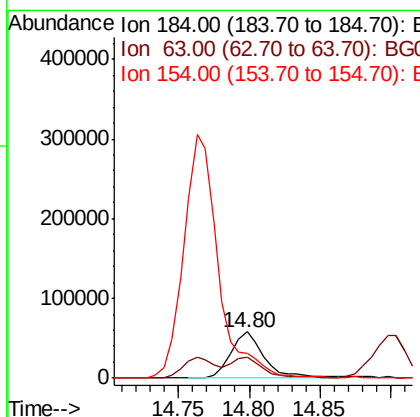
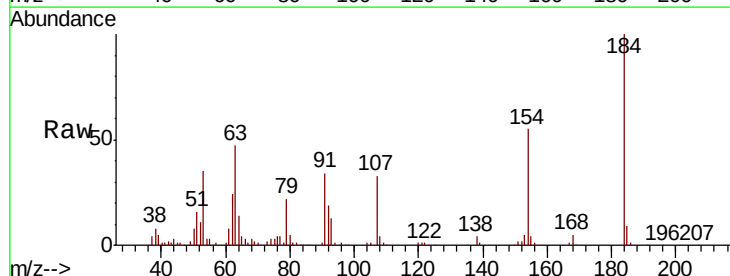
Manual Integrations
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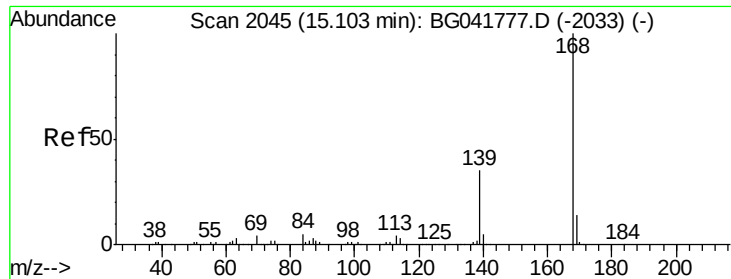
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#54
2,4-Dinitrophenol
Concen: 50.735 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.8	43.2	64.8
154	54.8	51.4	77.2





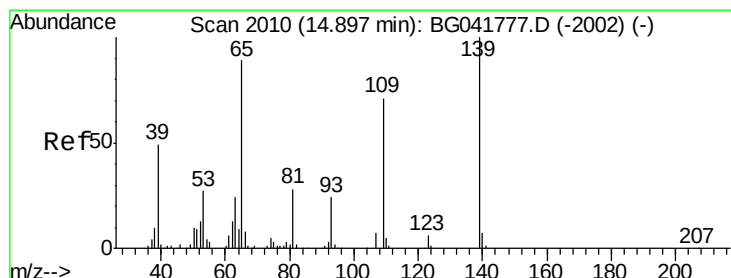
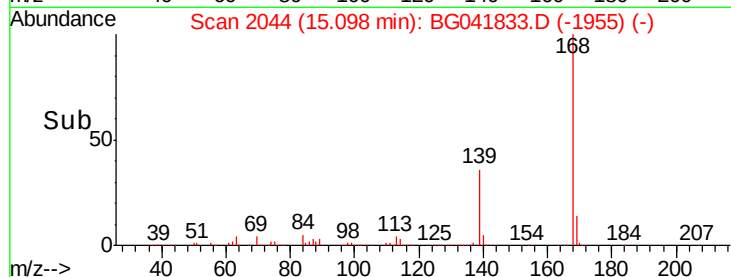
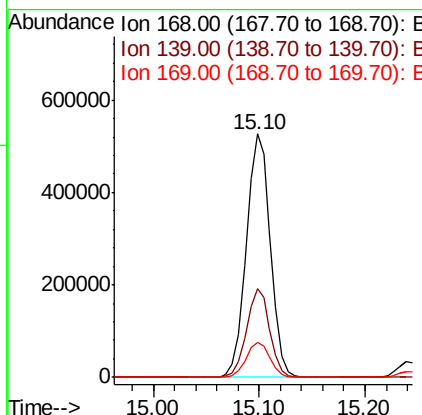
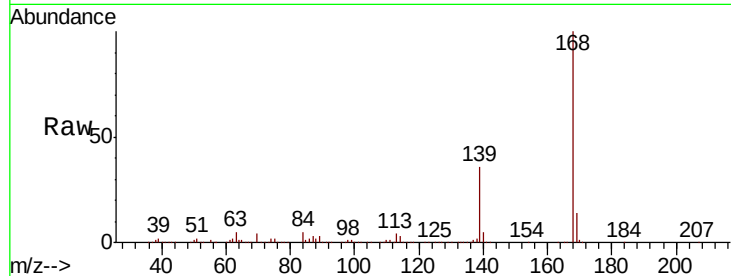
#55
Dibenzenofuran
Concen: 39.872 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.9	47.9
169	14.2	12.5	18.7

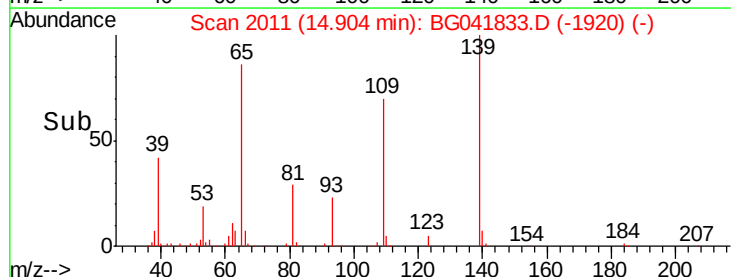
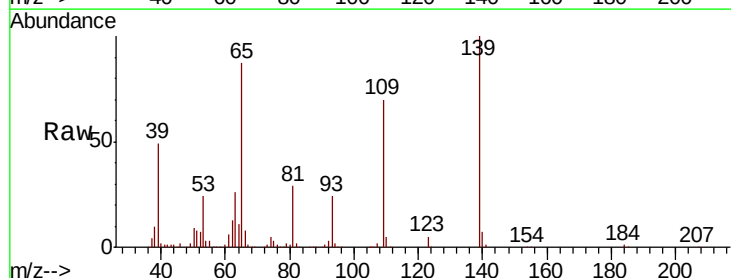
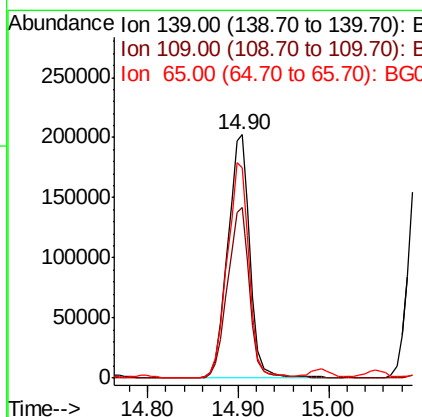
Manual Integrations
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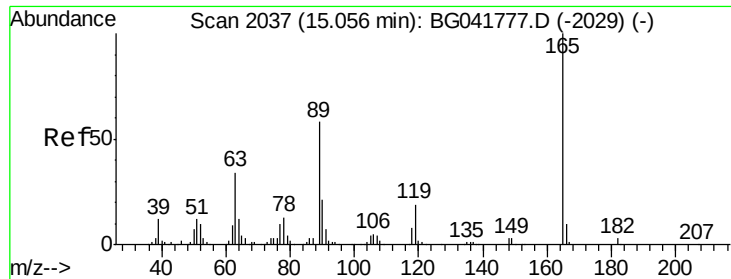
mohammad
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#56
4-Nitrophenol
Concen: 116.771 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	51.3	91.3
65	86.5	77.6	117.6





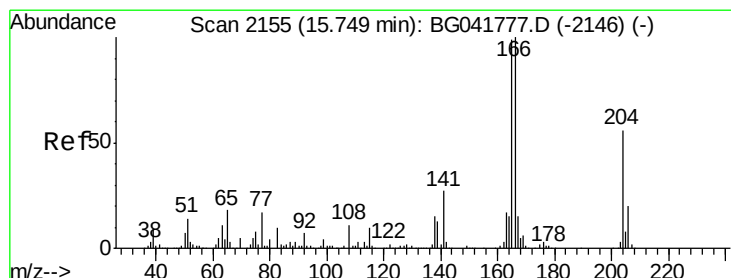
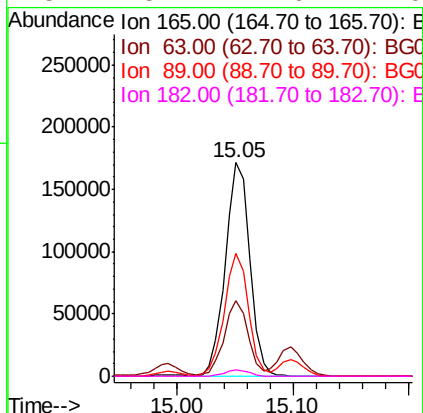
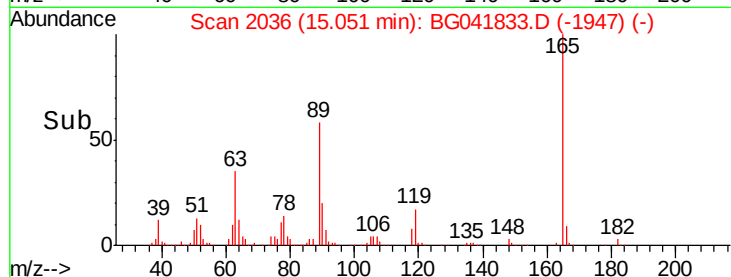
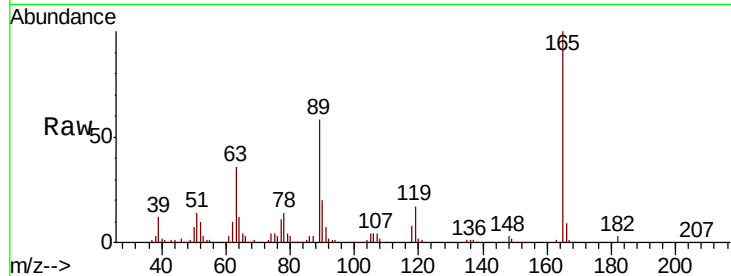
#57
2,4-Dinitrotoluene
Concen: 50.549 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	252072		
63	35.5		31.7	47.5
89	57.6		50.2	75.4
182	3.2		2.6	4.0

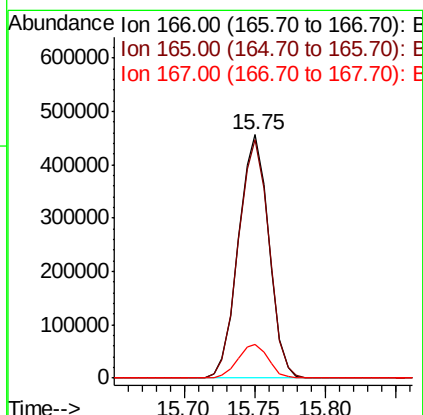
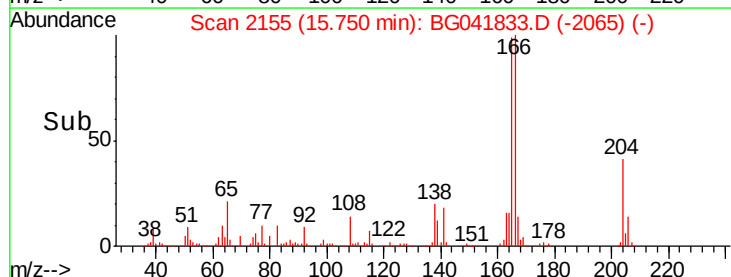
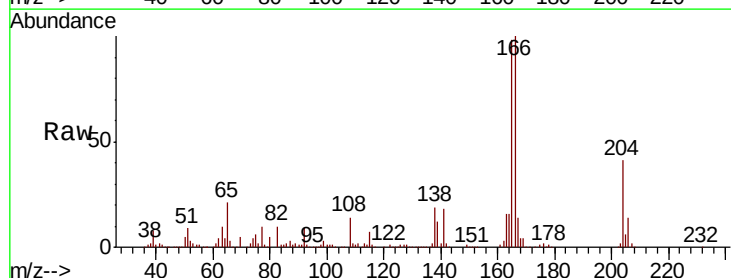
Manual Integrations
APPROVED

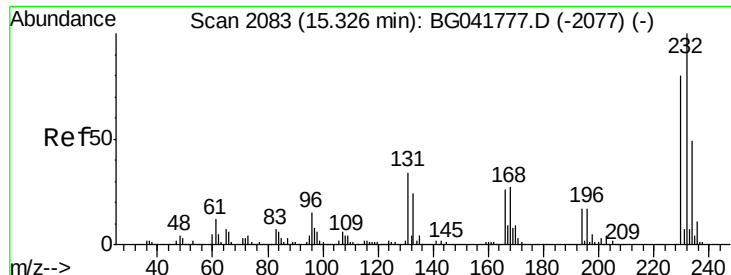
mohammad
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#58
Fluorene
Concen: 41.268 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	684863		
165	98.1		80.5	120.7
167	14.1		12.4	18.6





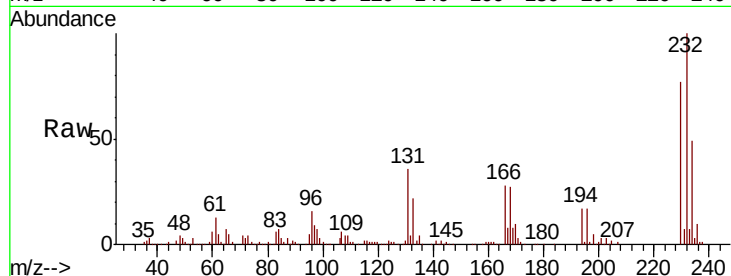
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.328 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		257915		
131	35.0	31.8	47.6		
130	1.9	1.8	2.8		
166	27.1	23.5	35.3		

Manual Integrations
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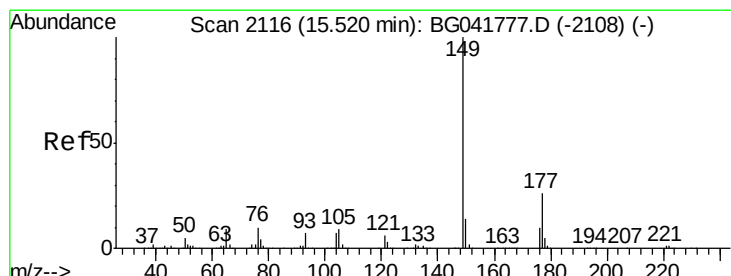
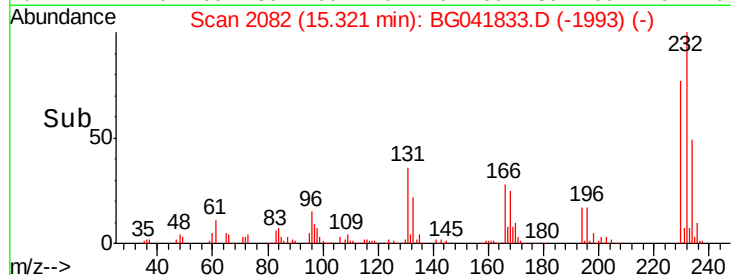
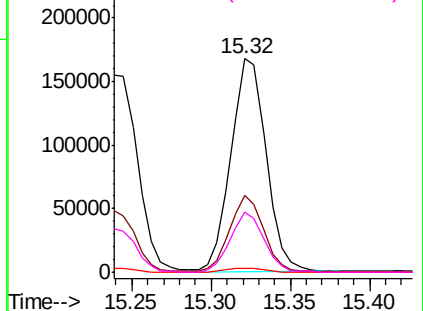
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

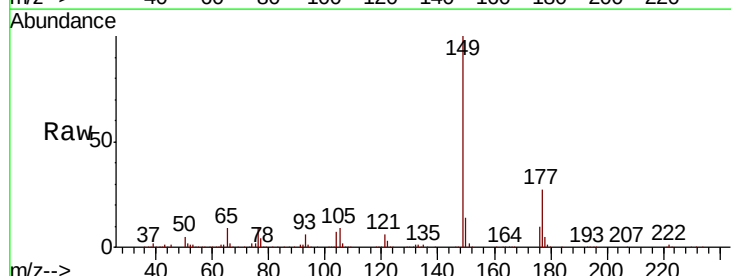
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.979 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		731721		
177	26.9	20.7	31.1		
150	13.9	11.5	17.3		

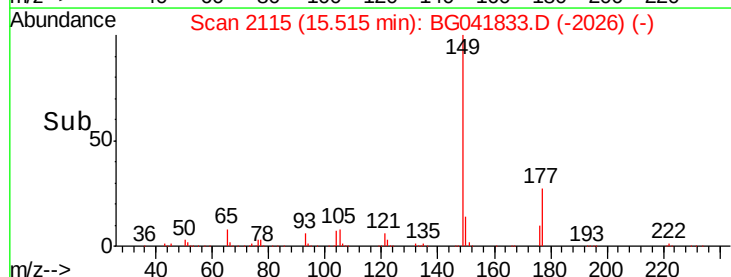
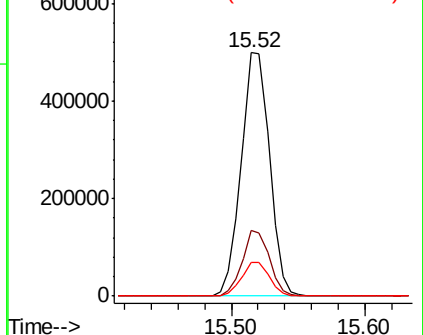


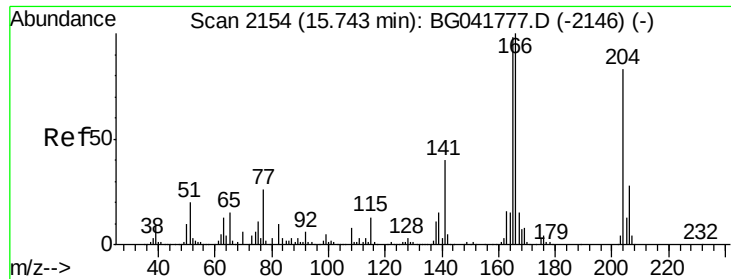
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





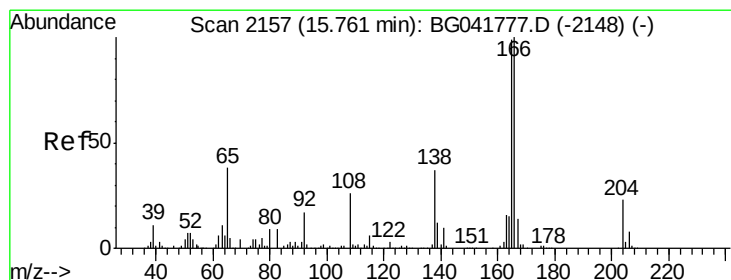
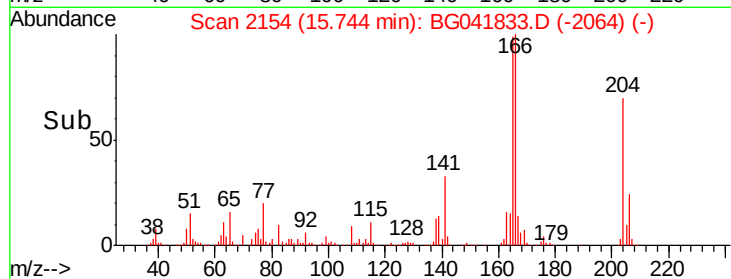
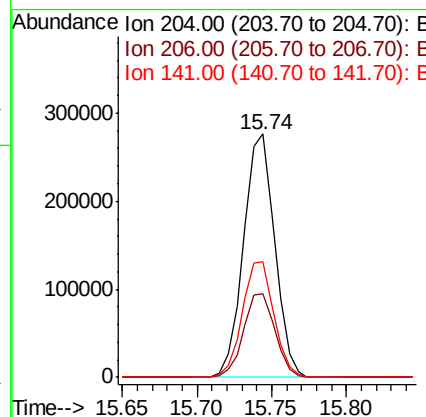
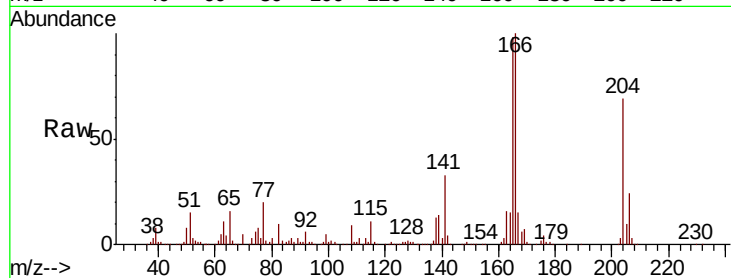
#61
 4-Chlorophenyl-phenylether
 Concen: 39.432 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	399501		
206	34.1	28.6	42.8	
141	47.6	42.9	64.3	

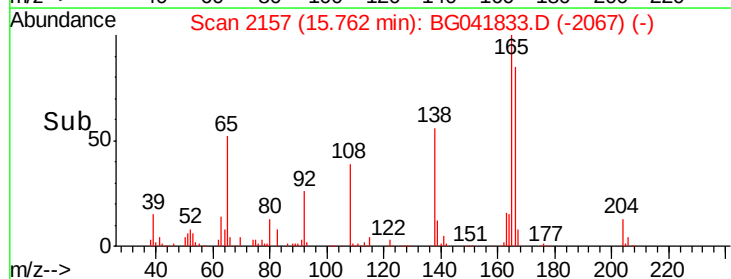
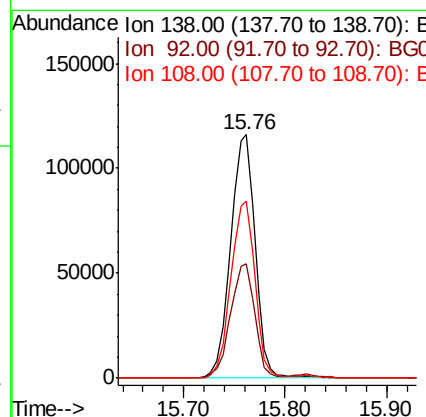
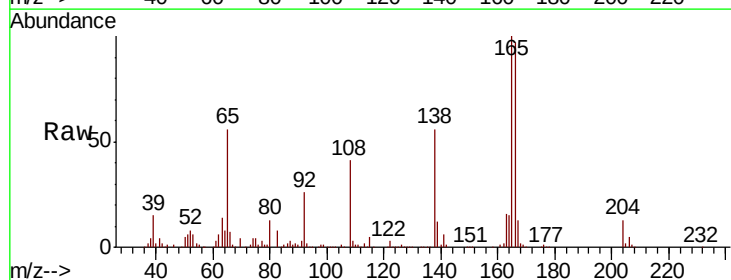
Manual Integrations
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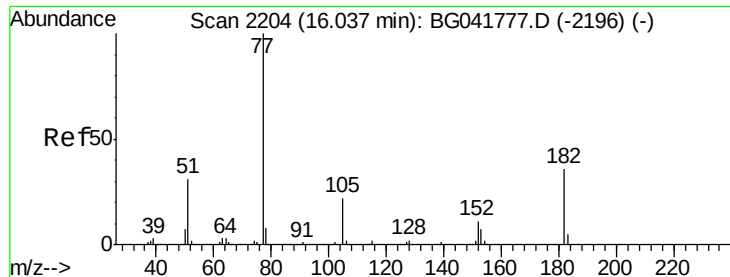
mohammad
 8/1/2019 5:05:32 PM



#62
 4-Nitroaniline
 Concen: 46.541 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	195559		
92	46.8	29.8	69.8	
108	72.7	52.2	92.2	





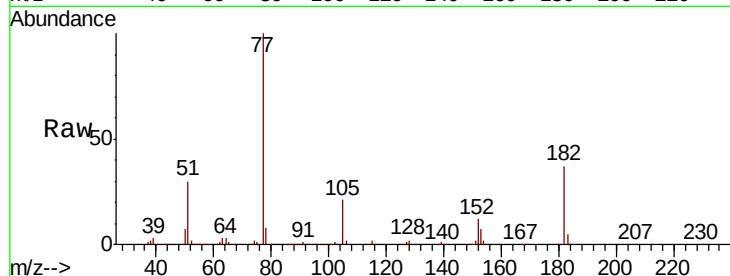
#63
Azobenzene
Concen: 40.783 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion:	77	Resp:	567195
Ion Ratio	Lower	Upper	
77	100		
182	37.3	13.2	53.2
105	21.5	2.2	42.2
51	30.4	14.6	54.6

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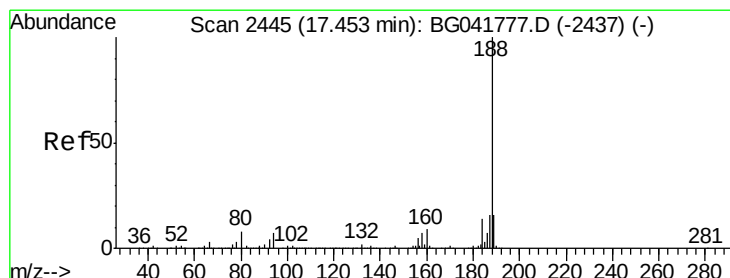
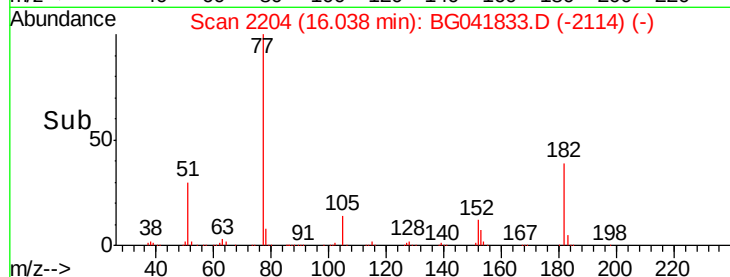
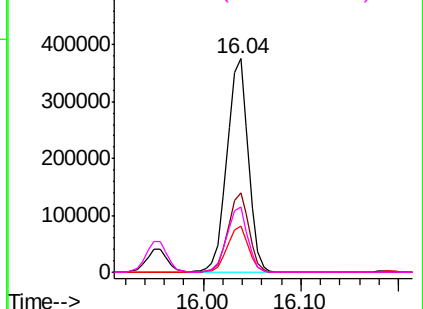
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

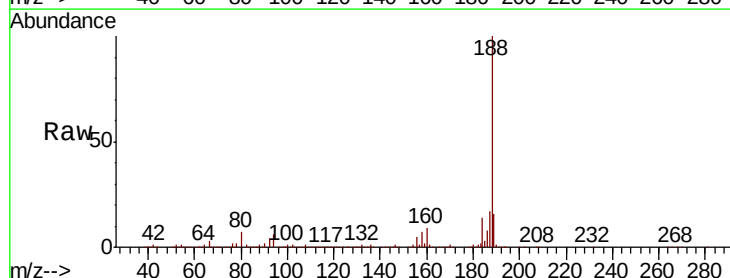
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion:	188	Resp:	656618
Ion Ratio	Lower	Upper	
188	100		
94	6.5	6.9	10.3#
80	7.2	8.0	12.0#

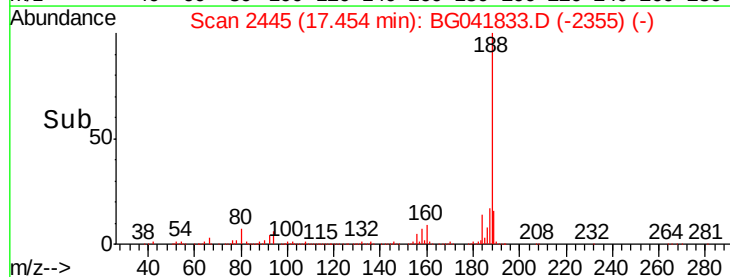
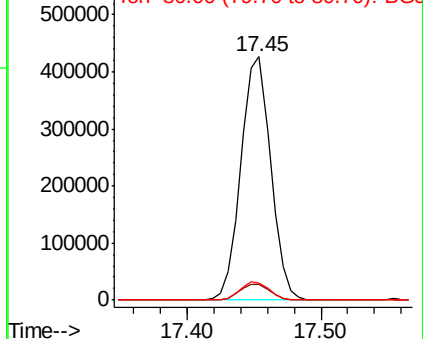


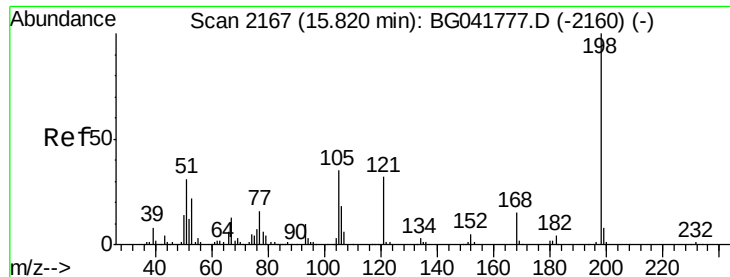
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.298 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

ClientSampled :

TP-6MS

Tot Ion:198 Resp: 132882

Ion Ratio Lower Upper

198 100

51 29.3 22.3 62.3

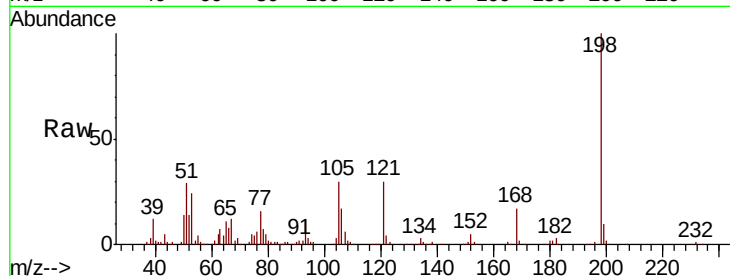
105 30.3 18.0 58.0

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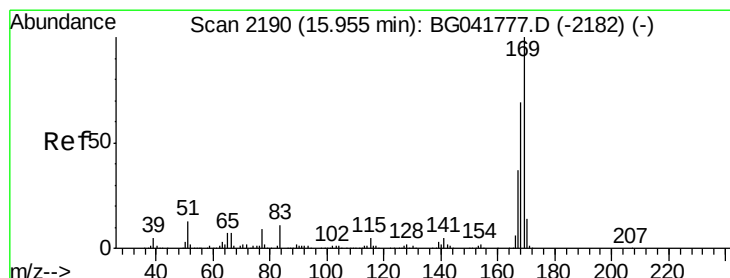
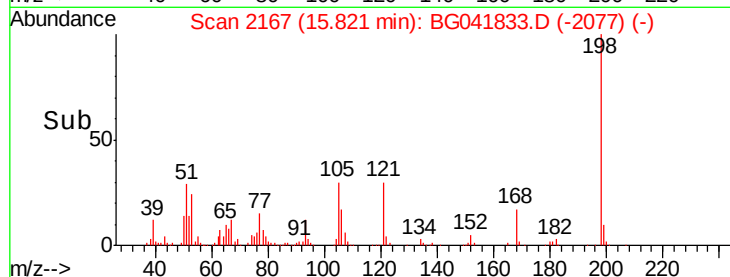
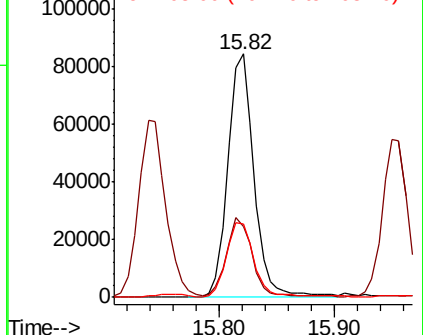
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.473 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

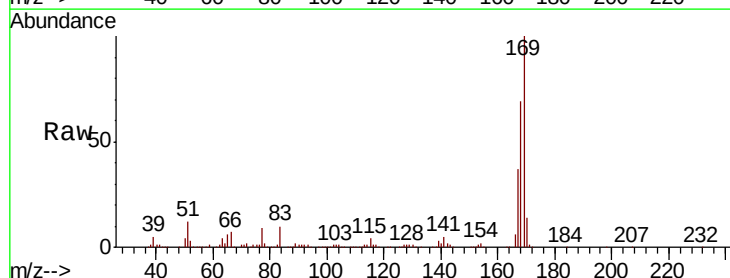
Tgt Ion:169 Resp: 670245

Ion Ratio Lower Upper

169 100

168 68.8 56.9 85.3

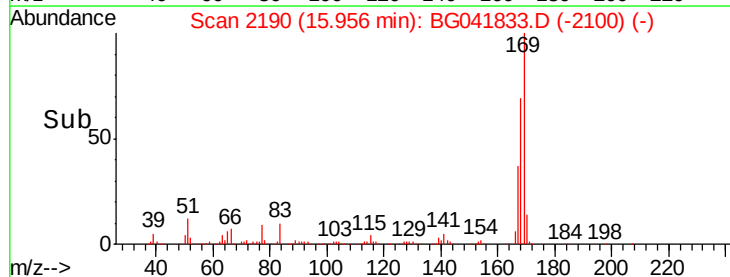
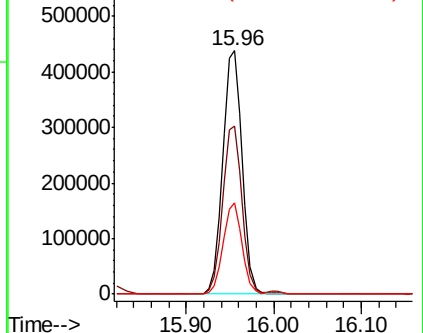
167 37.3 31.5 47.3

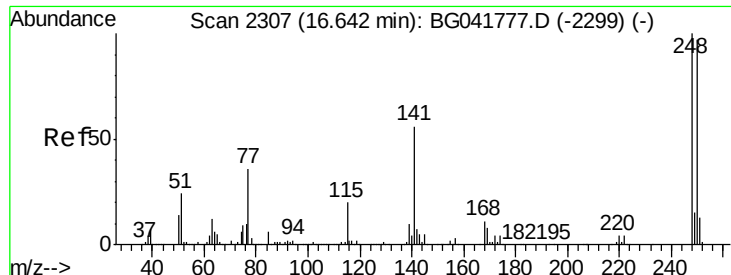


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





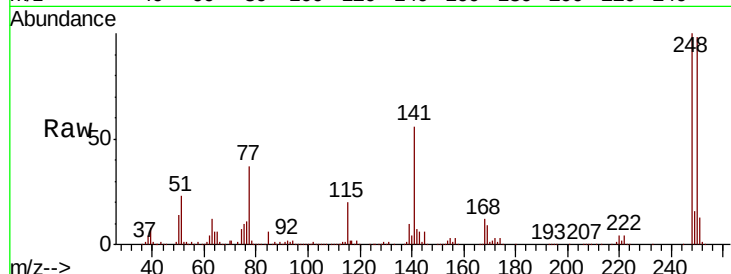
#67
4-Bromophenyl-phenylether
Concen: 35.550 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	55.6	49.6	74.4

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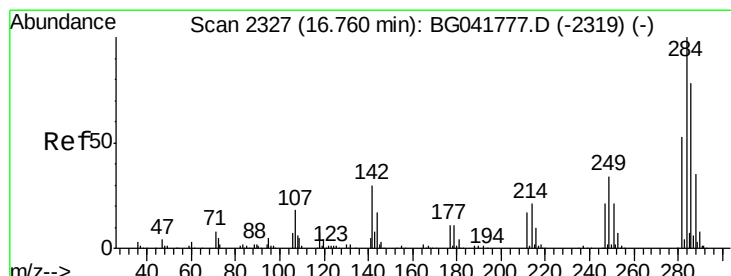
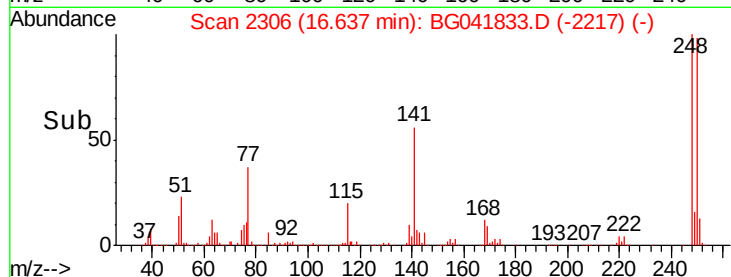
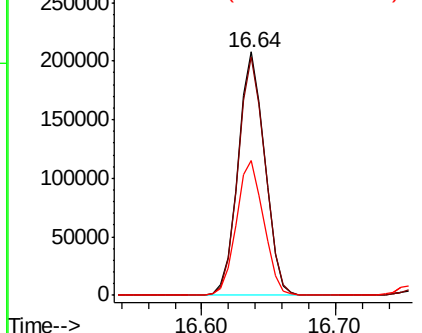


Abundance

Ion 248.00 (247.70 to 248.70): E

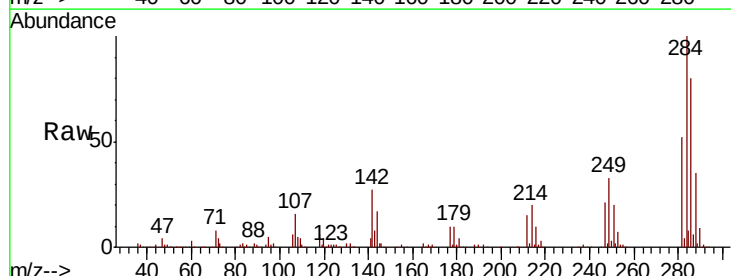
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.054 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.0	40.6
249	32.5	28.4	42.6

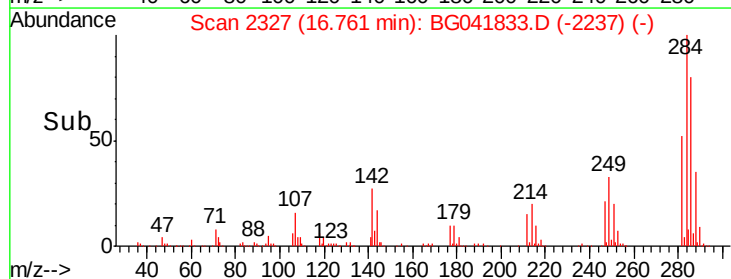
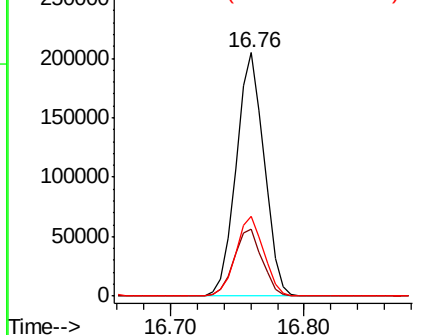


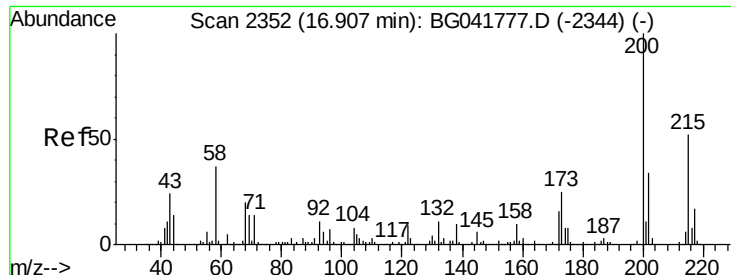
Abundance

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





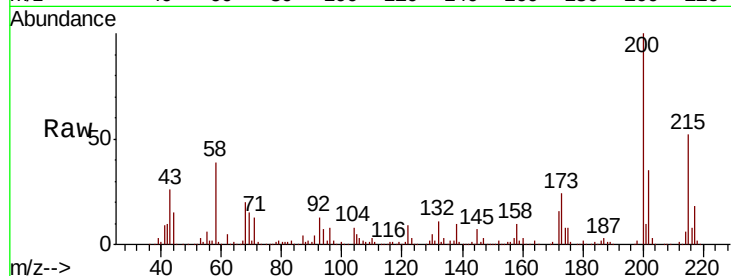
#69
Atrazine
Concen: 39.611 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	278363		
173	24.1	5.3	45.3	
215	51.5	31.8	71.8	

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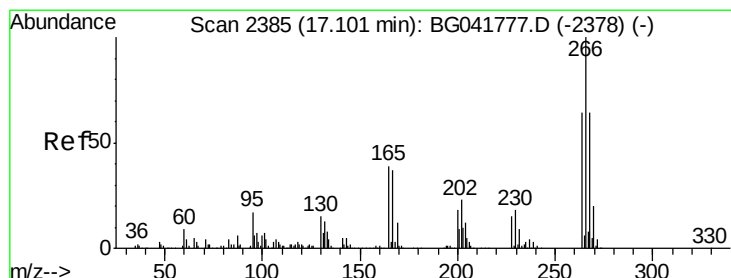
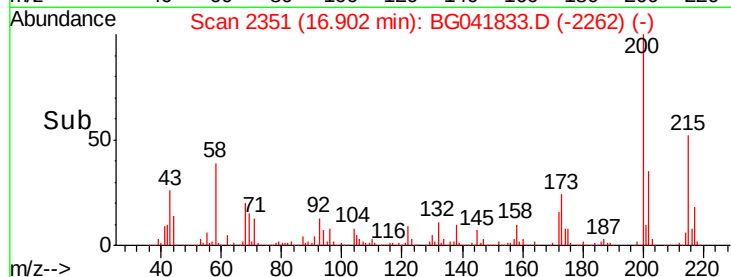
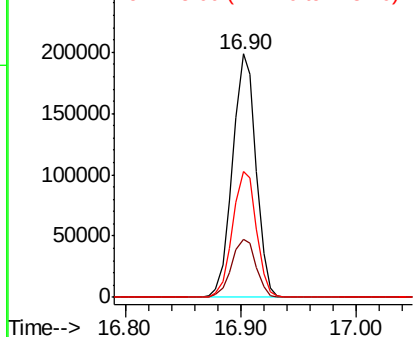


Abundance

Ion 200.00 (199.70 to 200.70): E

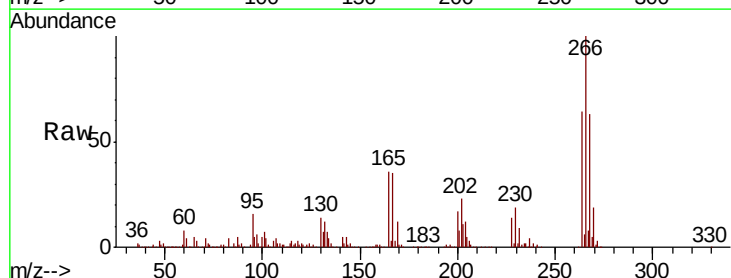
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.875 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	369537		
268	63.2	52.9	79.3	
264	63.5	51.4	77.2	

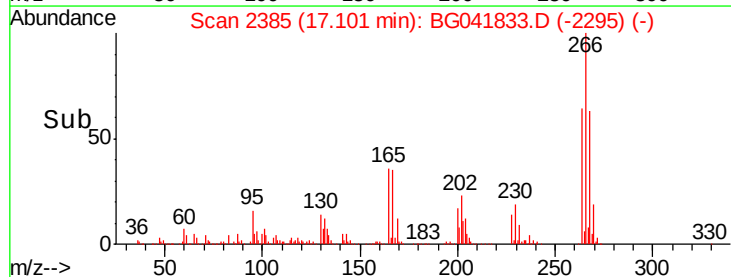
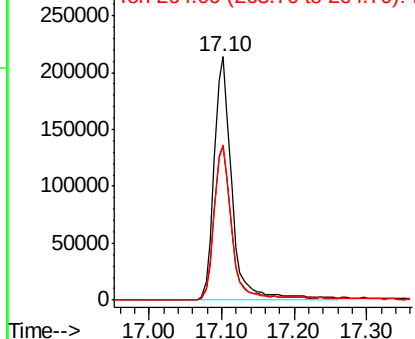


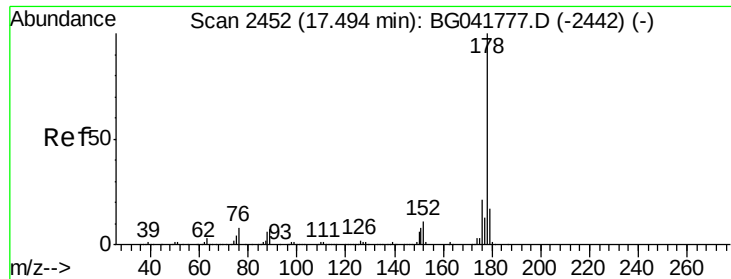
Abundance

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





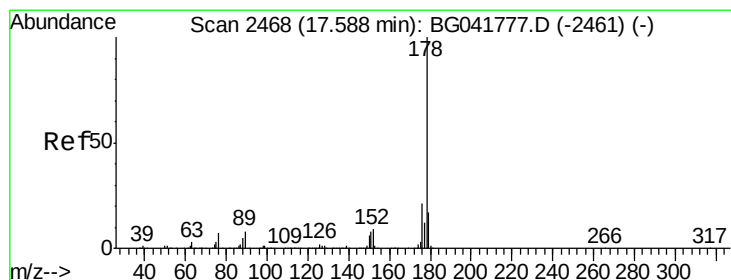
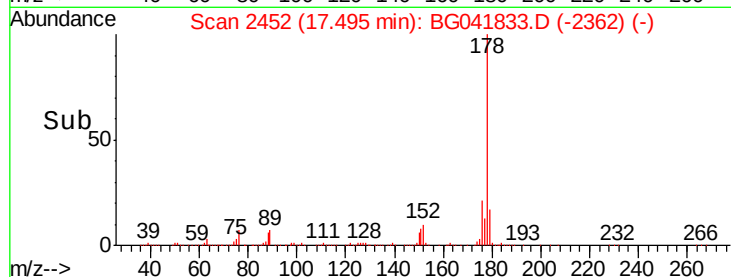
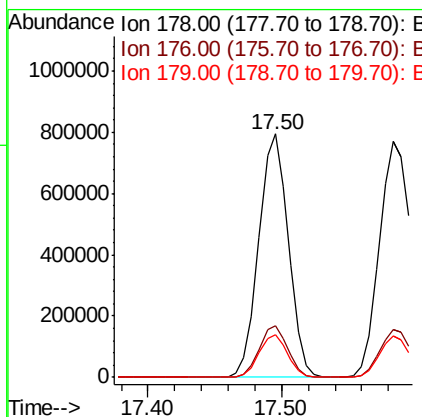
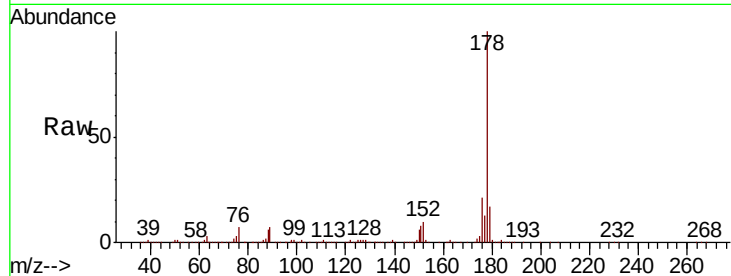
#71
Phenanthrene
Concen: 38.488 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampled :
TP-6MS

Tot Ion:178 Resp: 1211350
Ion Ratio Lower Upper
178 100
176 21.4 18.6 28.0
179 17.3 15.4 23.0

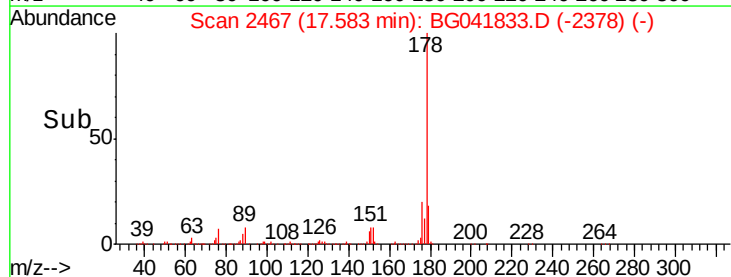
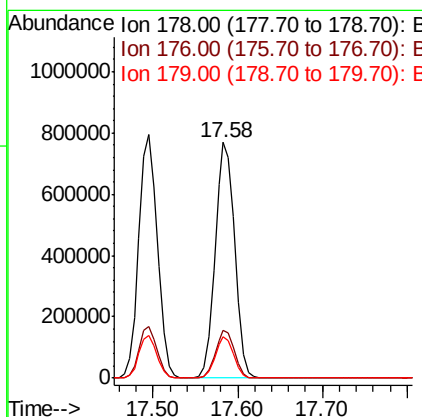
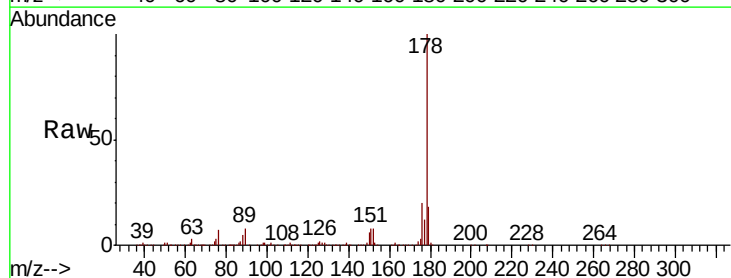
Manual Integrations
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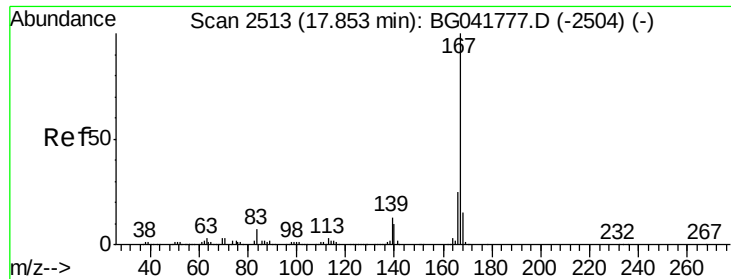
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#72
Anthracene
Concen: 39.751 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion:178 Resp: 1247792
Ion Ratio Lower Upper
178 100
176 20.4 18.6 28.0
179 17.8 15.1 22.7





#73

Carbazole

Concen: 40.971 ng

RT: 17.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

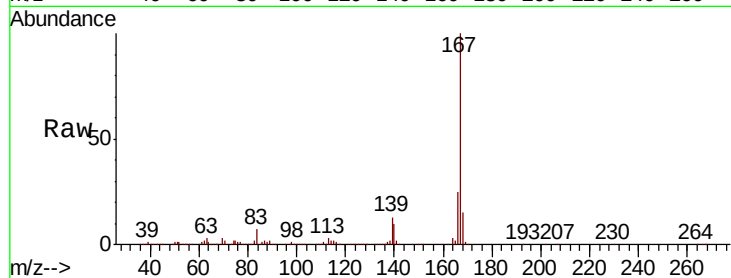
ClientSampleId :

TP-6MS

Tot Ion:	167	Resp:	1154311
Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.4	32.2
139	13.1	12.1	18.1

Manual Integrations
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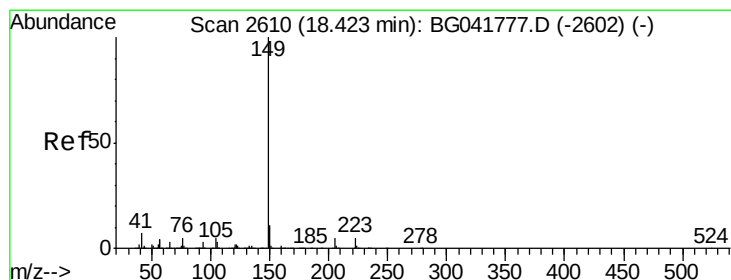
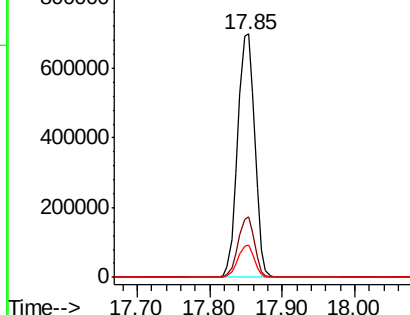
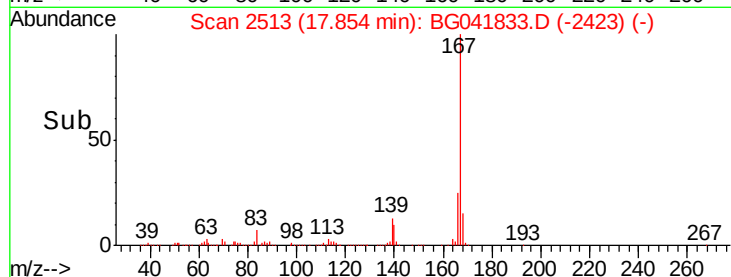


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.543 ng

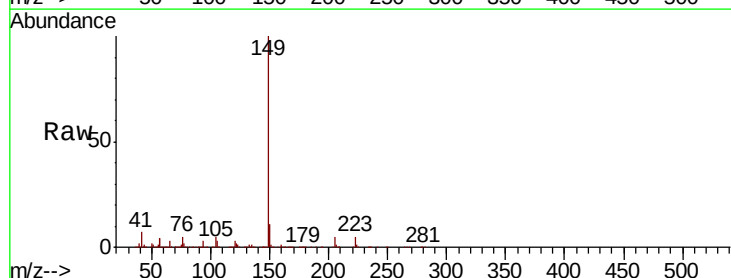
RT: 18.42 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	149	Resp:	1263015
Ion	Ratio	Lower	Upper
149	100		
150	11.0	10.2	15.2
104	5.5	5.3	7.9

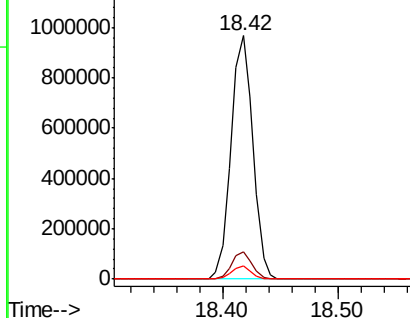
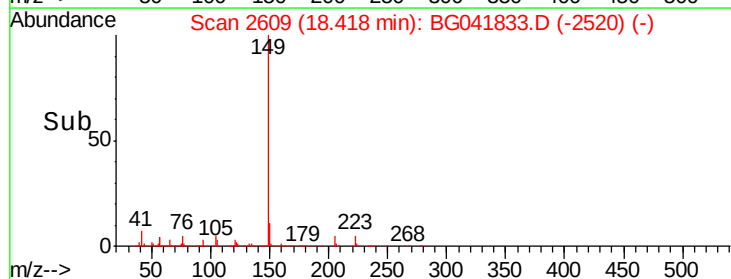


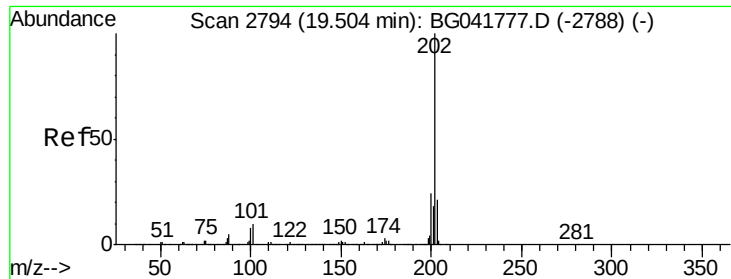
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.977 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

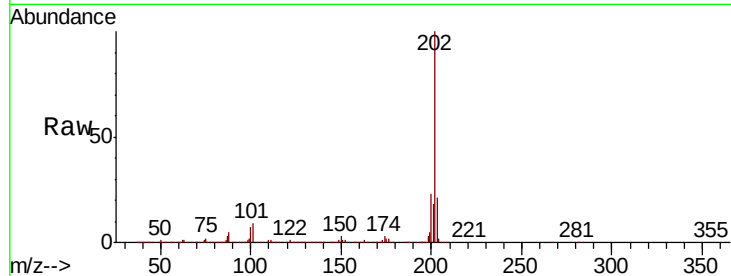
ClientSampleId :

TP-6MS

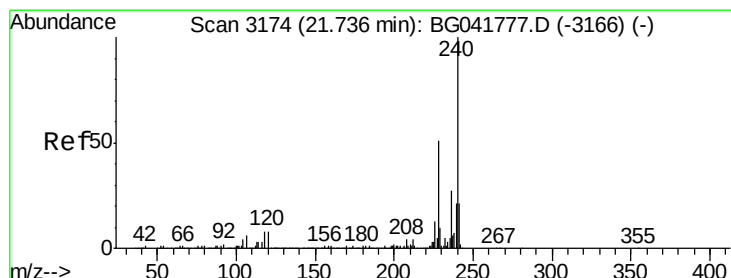
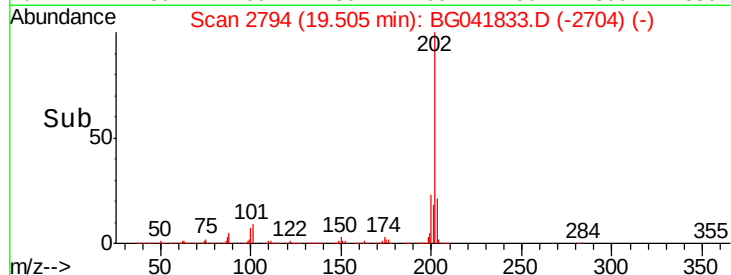
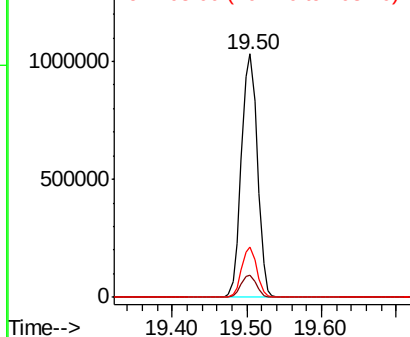
Tot Ion:	202	Resp:	1529385
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	32.8
203	20.7	3.7	43.7

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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: 21.74 min Scan# 3174

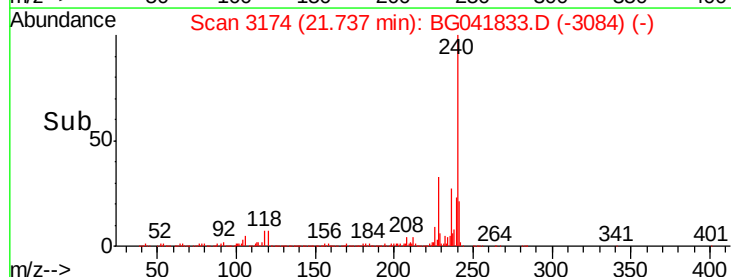
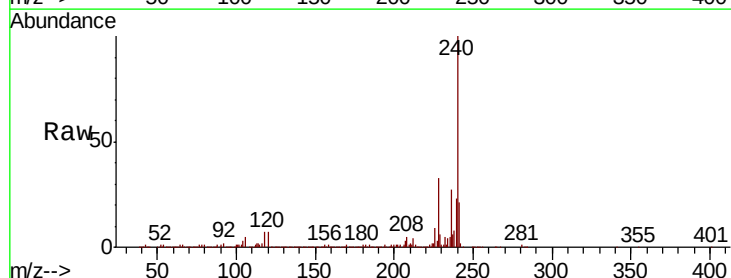
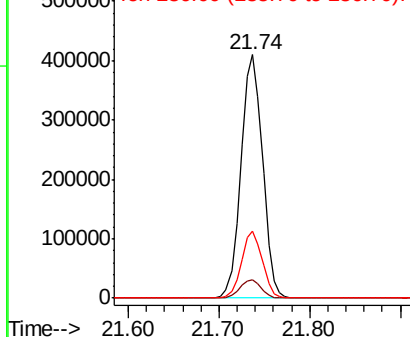
Delta R.T. 0.00 min

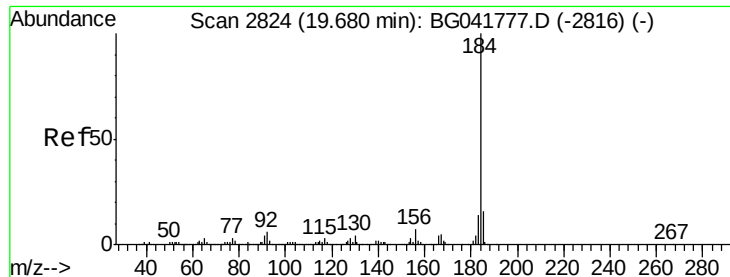
Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	240	Resp:	675189
Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.0	12.0#
236	27.4	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: 14.023 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

ClientSampled :

TP-6MS

Tot Ion:184 Resp: 309049

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

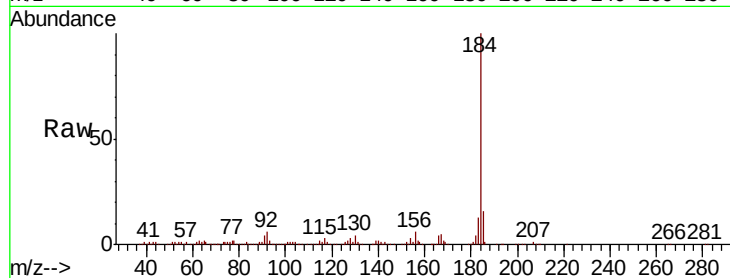
183 12.5 11.8 17.6

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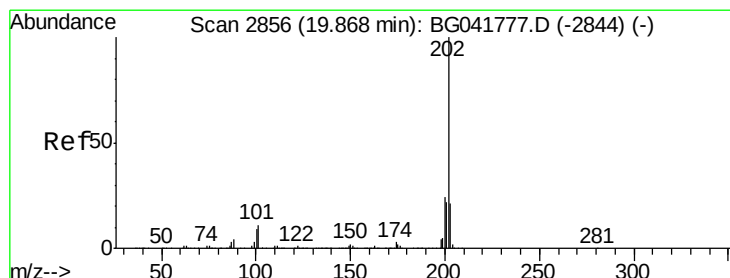
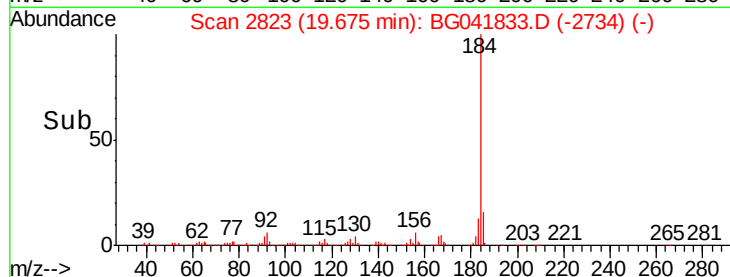
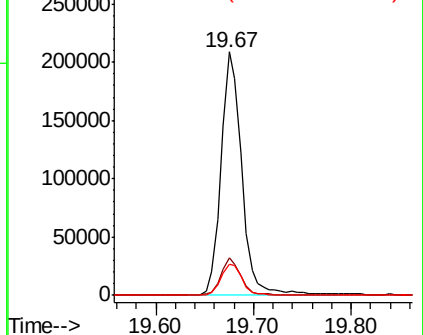
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.238 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

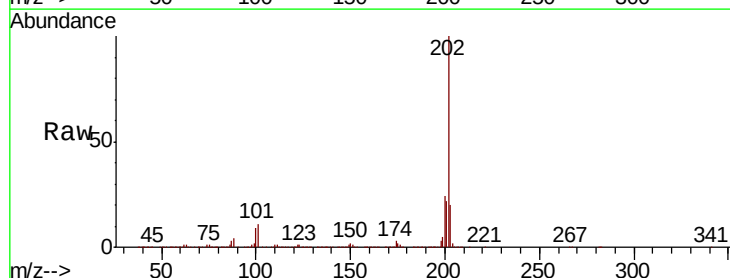
Tgt Ion:202 Resp: 1529678

Ion Ratio Lower Upper

202 100

200 23.7 22.2 33.2

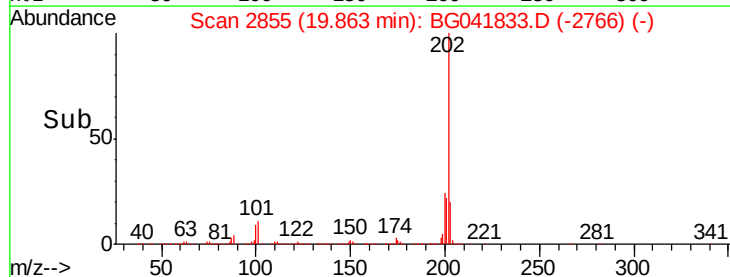
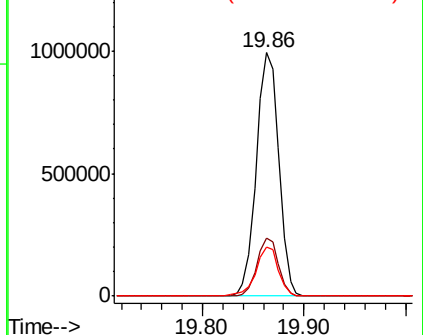
203 20.2 18.9 28.3

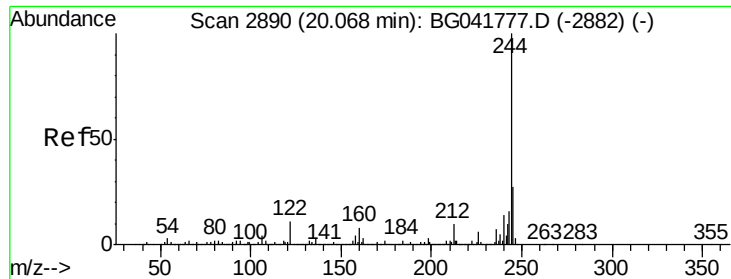


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





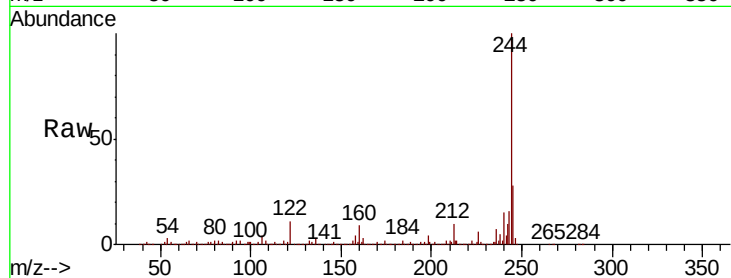
#79
 Terphenyl-d14
 Concen: 74.836 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Instrument :
 BNA_G
 ClientSampled :
 TP-6MS

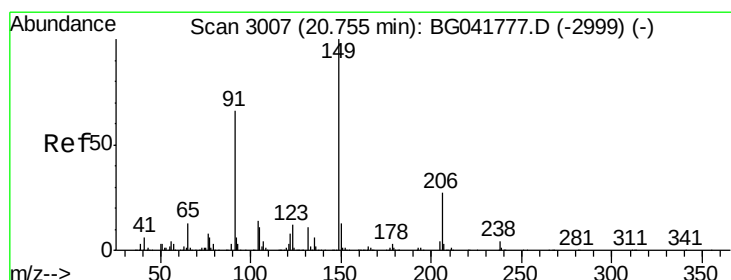
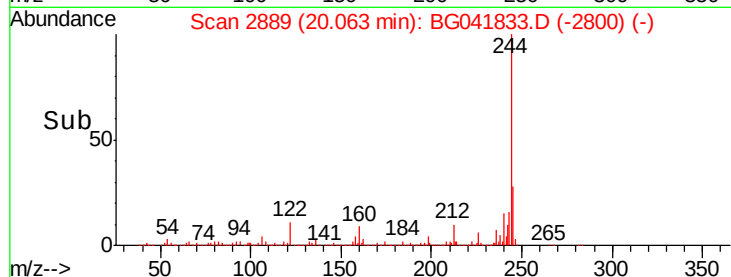
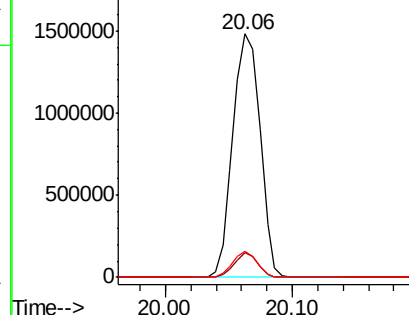
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	9.7	14.5
122	10.6	12.5	18.7#

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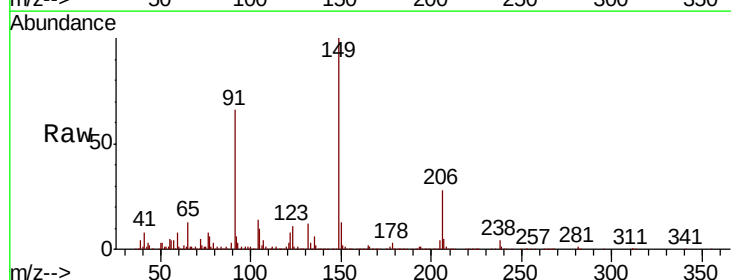


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

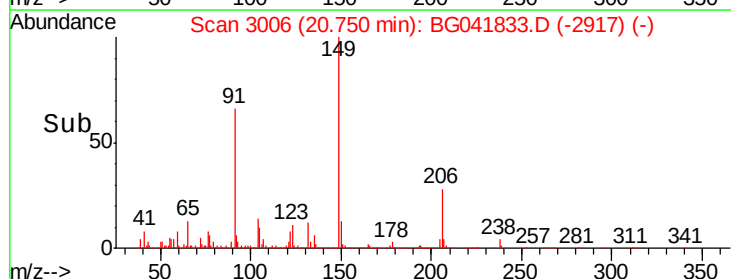
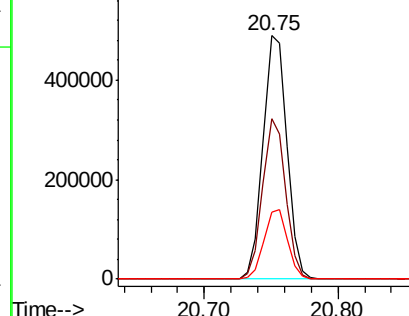


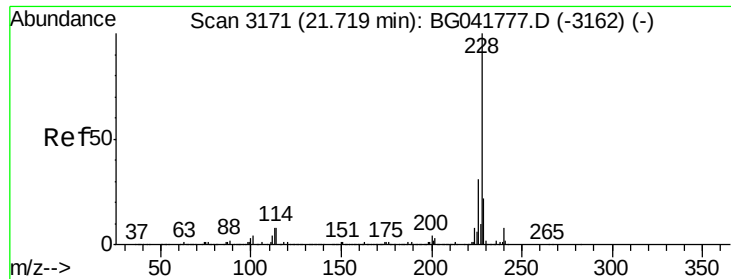
#80
 Butylbenzylphthalate
 Concen: 39.334 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	58.9	88.3
206	27.6	20.8	31.2



Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





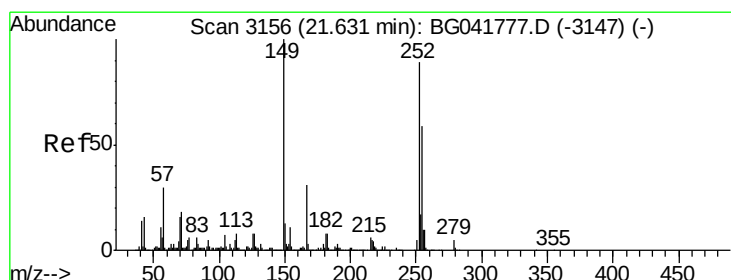
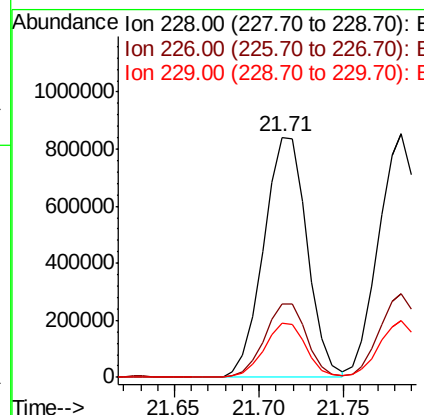
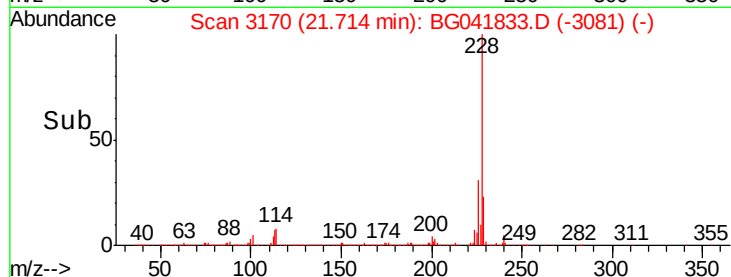
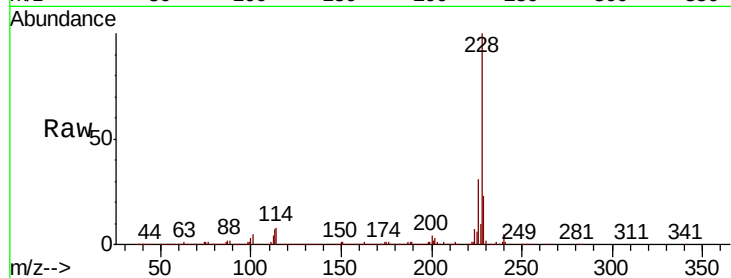
#81
Benzo(a)anthracene
Concen: 37.662 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	27.3	40.9
229	22.8	19.7	29.5

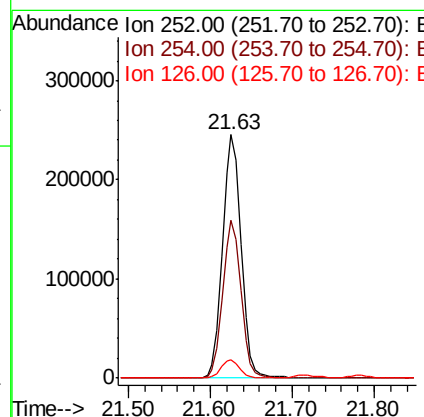
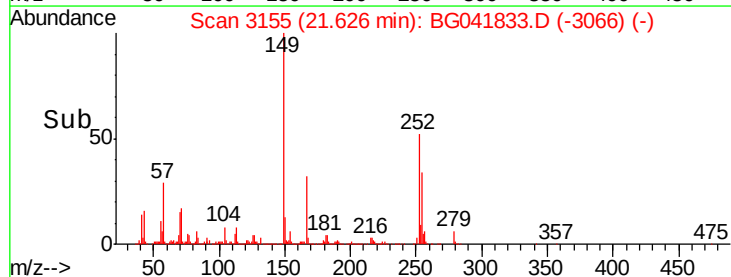
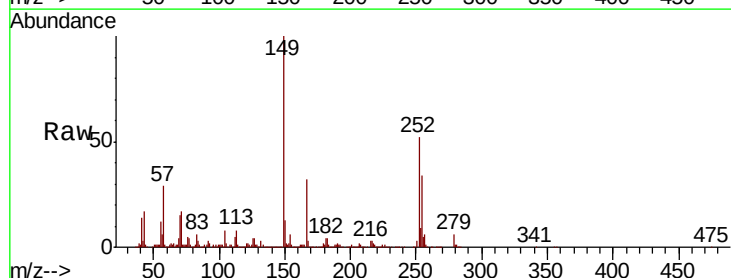
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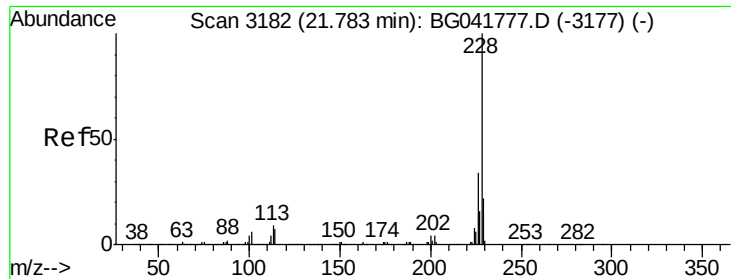
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#82
3,3'-Dichlorobenzidine
Concen: 24.343 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.8	80.6
126	7.4	7.8	11.8#





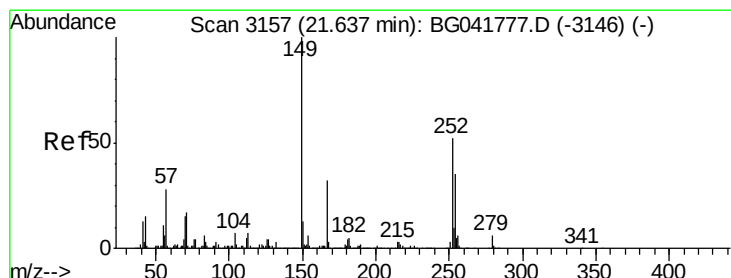
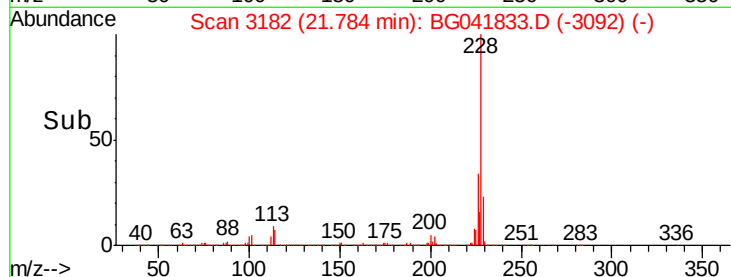
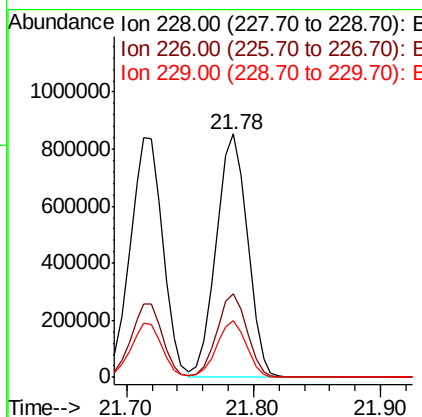
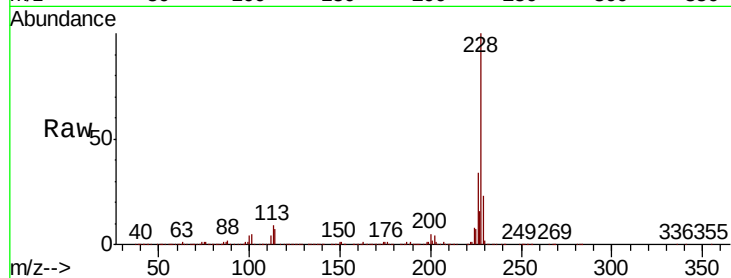
#83
 Chrysene
 Concen: 38.190 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Instrument :
 BNA_G
 ClientSampled :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	30.1	45.1
229	23.4	19.8	29.6

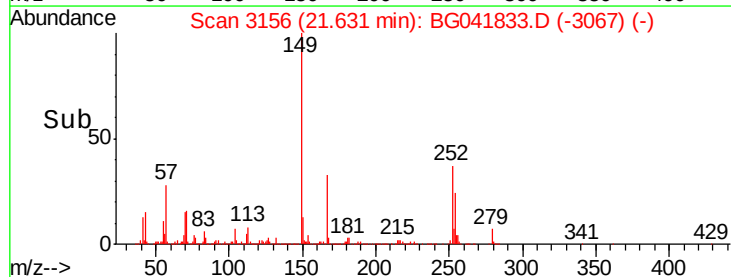
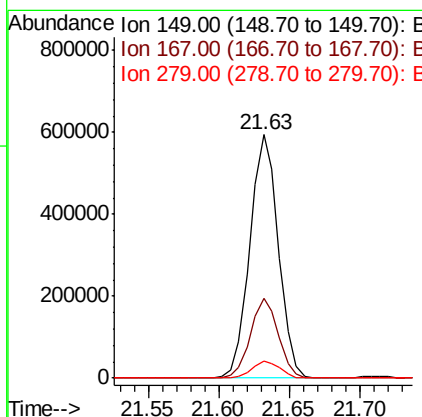
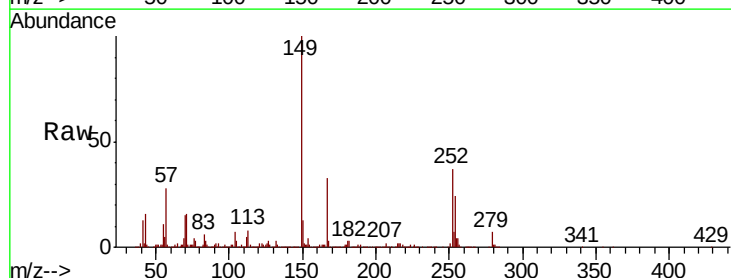
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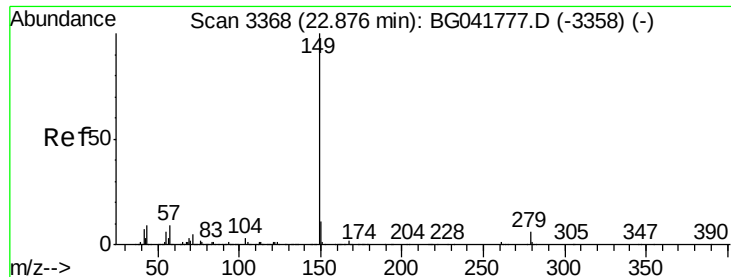
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.770 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG041833.D
 Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.8	27.0	40.4
279	6.9	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 41.080 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

ClientSampleId :

TP-6MS

Tot Ion:149 Resp: 1462687

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

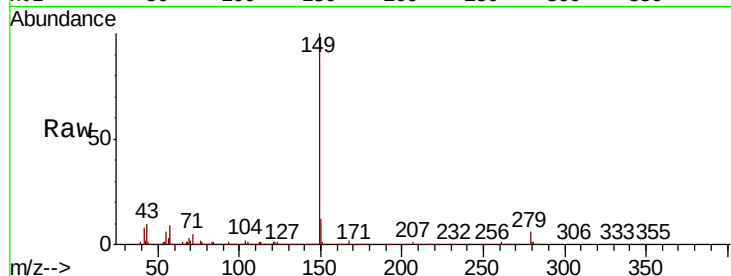
43 9.4 10.6 16.0#

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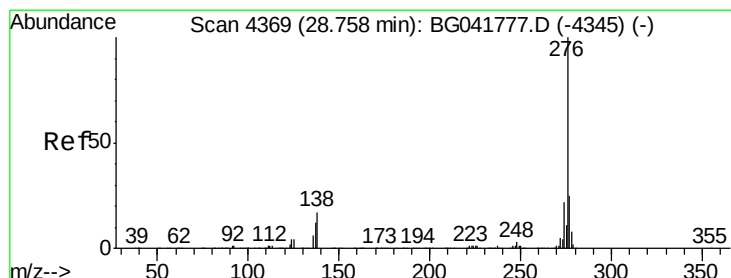
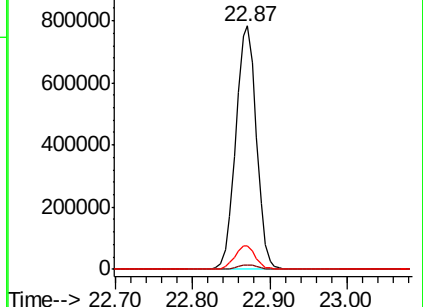
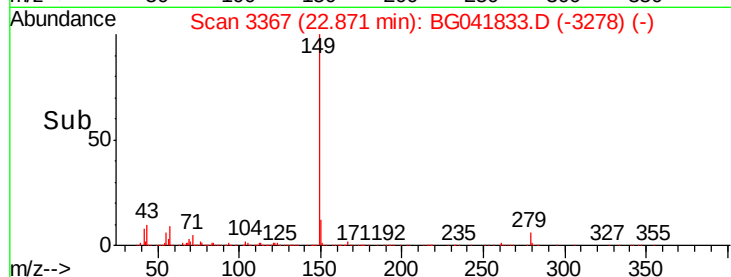
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.599 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

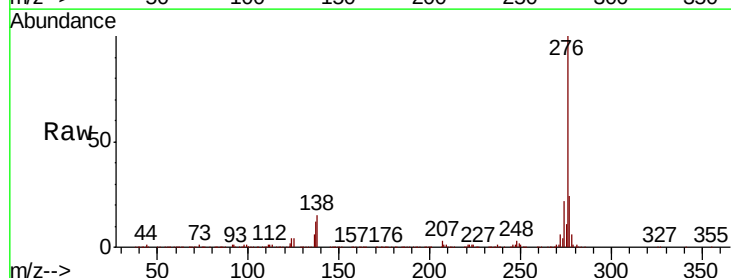
Tgt Ion:276 Resp: 1956620

Ion Ratio Lower Upper

276 100

138 18.9 19.4 29.0#

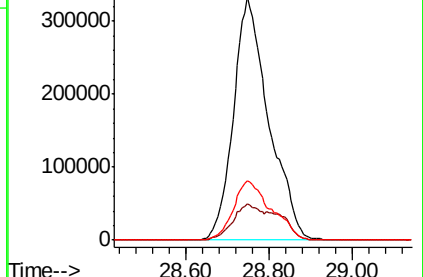
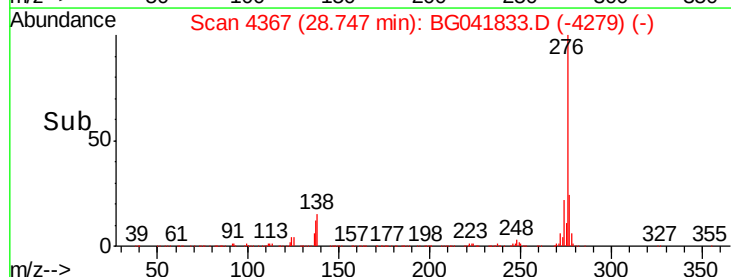
277 26.3 21.2 31.8

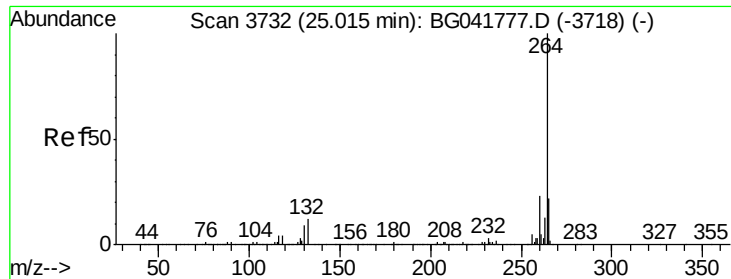


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Instrument :

BNA_G

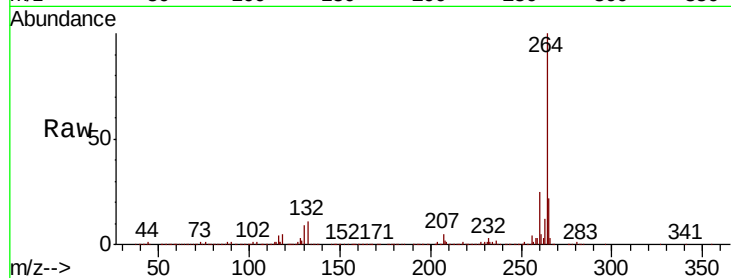
ClientSampleId :

TP-6MS

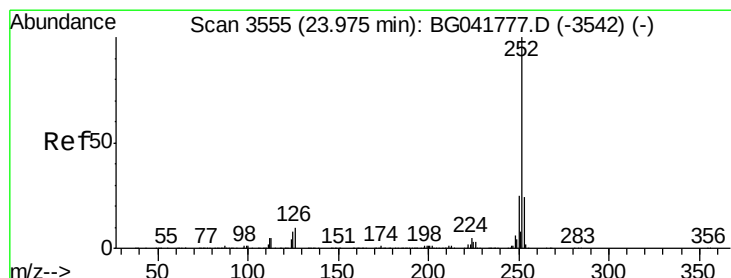
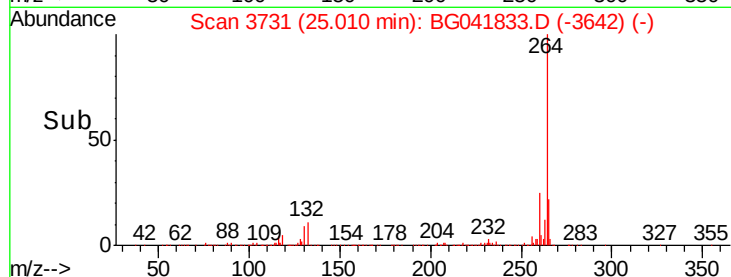
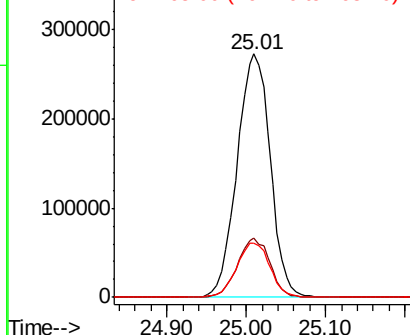
Tot Ion:	264	Resp:	792369
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	22.5	18.0	27.0

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



#88

Benzo(b)fluoranthene

Concen: 38.517 ng

RT: 23.97 min Scan# 3554

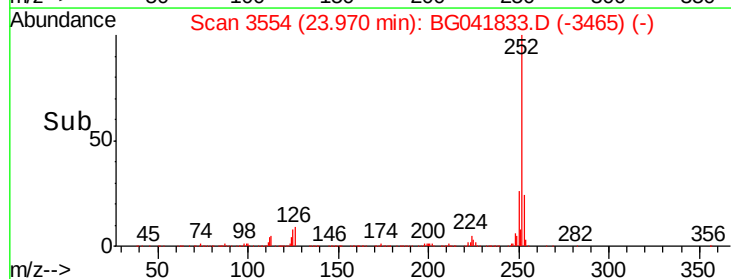
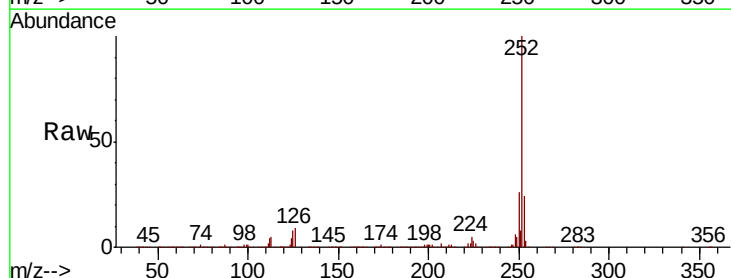
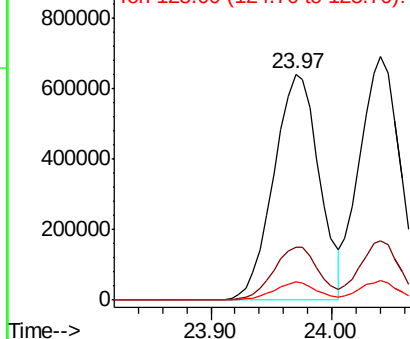
Delta R.T. -0.01 min

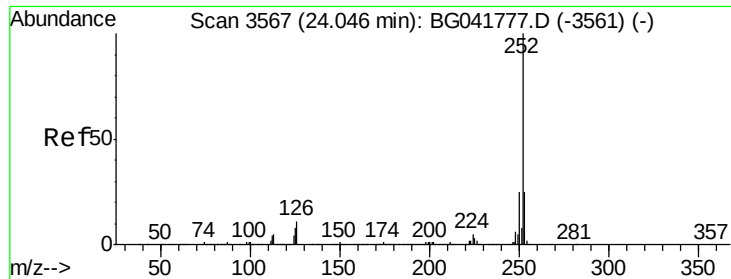
Lab File: BG041833.D

Acq: 31 Jul 2019 14:53

Tgt Ion:	252	Resp:	1669575
Ion Ratio	Lower	Upper	
252	100		
253	23.7	20.6	30.8
125	8.0	8.0	12.0#

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





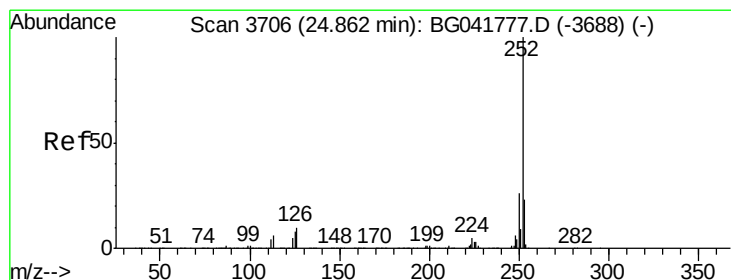
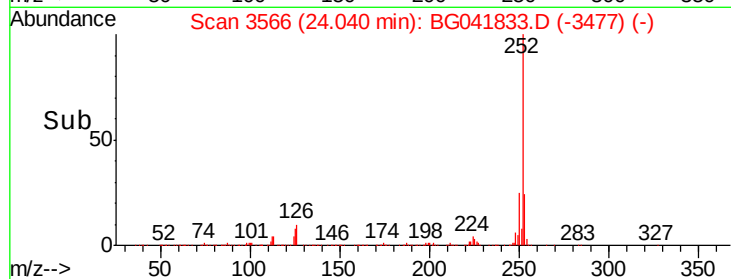
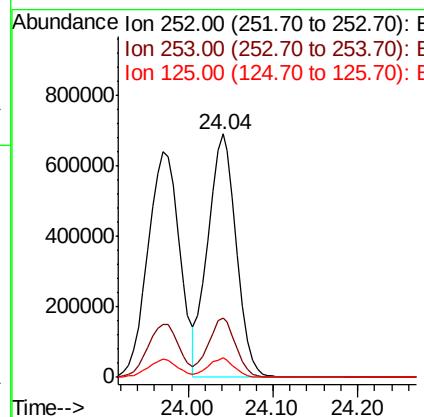
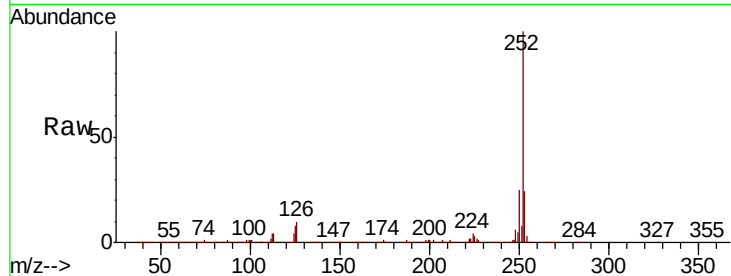
#89
Benzo(k)fluoranthene
Concen: 38.286 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.5	30.7
125	7.9	8.4	12.6

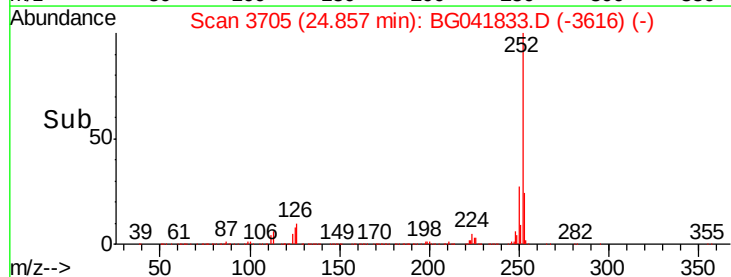
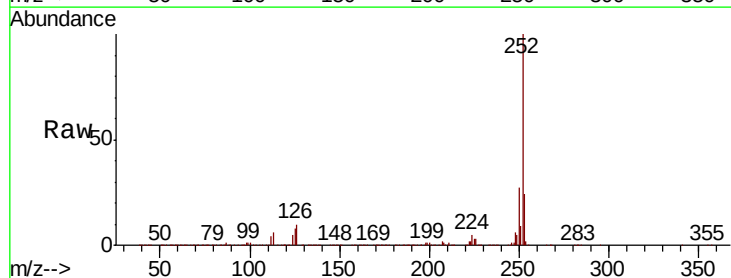
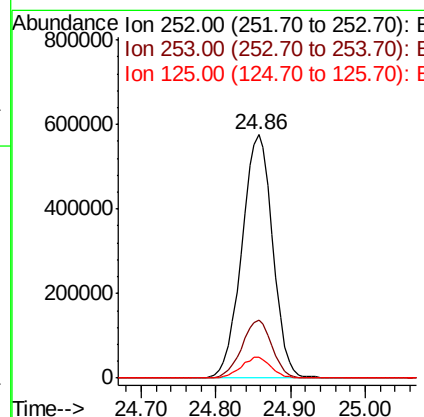
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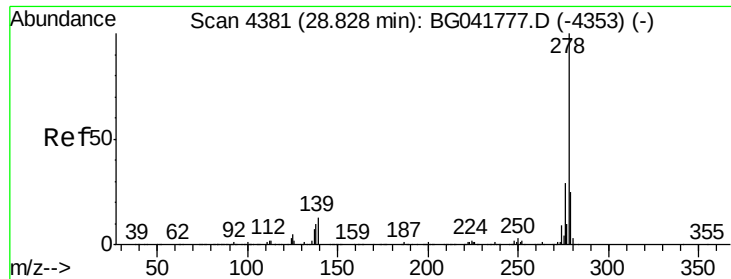
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#90
Benzo(a)pyrene
Concen: 39.644 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	8.4	8.8	13.2





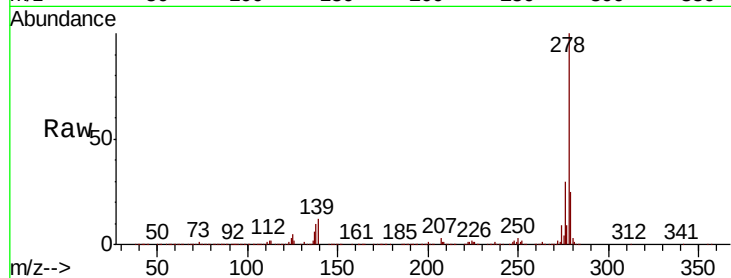
#91
Dibenzo(a,h)anthracene
Concen: 39.059 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	12.6	19.0#
279	25.1	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:32 PM

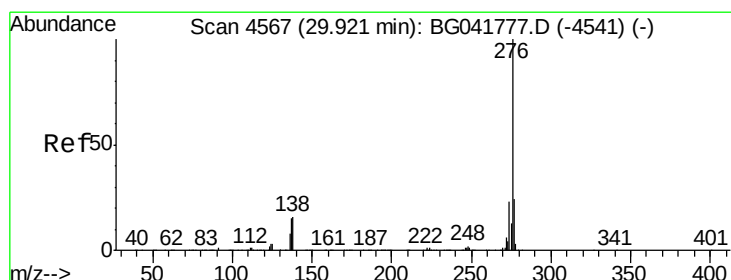
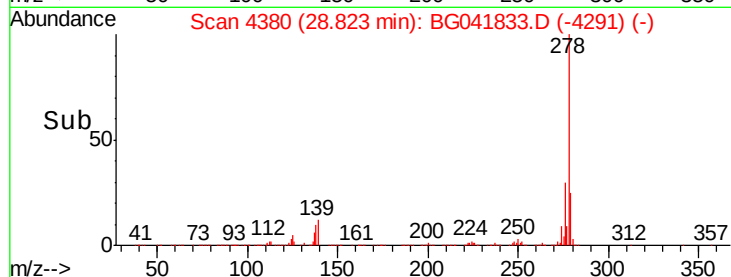
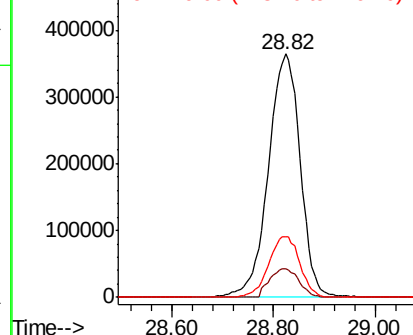


Abundance

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: 39.677 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.01 min
Lab File: BG041833.D
Acq: 31 Jul 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	16.5	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

