

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041801.D
 Acq On : 30 Jul 2019 14:42
 Operator : HP/JU
 Sample : PB121801BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Manual Integrations
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mohammad
 8/1/2019 5:04:53 PM

Quant Time: Jul 31 01:56:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	89219	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	371726	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	278184	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	644133	20.00	ng	0.00
76) Chrysene-d12	21.74	240	645859	20.00	ng	0.00
87) Perylene-d12	25.02	264	733493	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	594221	129.58	ng	0.00
7) Phenol-d6	7.20	99	822918	133.11	ng	0.00
23) Nitrobenzene-d5	9.22	82	475121	87.96	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	443754	140.44	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1310437	83.08	ng	0.00
79) Terphenyl-d14	20.07	244	2260174	80.08	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	102353	47.422 ng	92
3) Pyridine	3.86	79	161442	27.277 ng	92
4) n-Nitrosodimethylamine	3.78	42	82580	35.196 ng	90
6) Aniline	7.37	93	265735	30.526 ng	96
8) 2-Chlorophenol	7.61	128	229255	43.660 ng	94
9) Benzaldehyde	7.18	77	37192	8.550 ng	86
10) Phenol	7.23	94	278033	43.229 ng	98
11) bis(2-Chloroethyl)ether	7.47	93	199526	37.736 ng	93
12) 1,3-Dichlorobenzene	7.94	146	244662	35.700 ng	98
13) 1,4-Dichlorobenzene	8.09	146	247775	36.132 ng	97
14) 1,2-Dichlorobenzene	8.41	146	243482	37.210 ng	94
15) Benzyl Alcohol	8.29	79	199404	40.999 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	344949	36.670 ng	96
17) 2-Methylphenol	8.49	107	195533	41.803 ng	99
18) Hexachloroethane	9.15	117	86693	36.917 ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	171683	38.251 ng	90
20) 3+4-Methylphenols	8.82	107	274144	42.829 ng	100
22) Acetophenone	8.88	105	335171	40.311 ng	# 94
24) Nitrobenzene	9.26	77	238303	41.876 ng	98
25) Isophorone	9.79	82	467424	39.779 ng	99
26) 2-Nitrophenol	9.97	139	128323	48.586 ng	95
27) 2,4-Dimethylphenol	10.03	122	227093	48.717 ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	280549	38.206 ng	99
29) 2,4-Dichlorophenol	10.51	162	256592	45.202 ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	278167	38.643 ng	98
31) Naphthalene	10.93	128	694407	40.817 ng	97
32) Benzoic acid	10.17	122	127874	40.146 ng	97
33) 4-Chloroaniline	11.03	127	204962	25.404 ng	96
34) Hexachlorobutadiene	11.22	225	180535	37.160 ng	99
35) Caprolactam	11.79	113	93168m	47.227 ng	
36) 4-Chloro-3-methylphenol	12.15	107	259276	46.070 ng	97
37) 2-Methylnaphthalene	12.53	142	559645	41.559 ng	99
38) 1-Methylnaphthalene	12.75	142	531204	41.625 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	348724	39.602 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	418454	84.522	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	238040	42.770	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	261509	45.215	nq	95
46) 1,1'-Biphenyl	13.54	154	725022	40.544	nq	96
47) 2-Chloronaphthalene	13.58	162	587360	38.579	nq	97
48) 2-Nitroaniline	13.78	65	171985	44.540	nq	87
49) Acenaphthylene	14.43	152	944809	41.486	nq	98
50) Dimethylphthalate	14.16	163	799020	42.057	nq	99
51) 2,6-Dinitrotoluene	14.27	165	192123	48.361	nq #	85
52) Acenaphthene	14.77	154	668357	45.122	nq	99
53) 3-Nitroaniline	14.60	138	145680	34.277	nq #	87
54) 2,4-Dinitrophenol	14.80	184	226890	89.951	nq	88
55) Dibenzofuran	15.10	168	940324	41.504	nq	96
56) 4-Nitrophenol	14.90	139	326137	101.094	nq	94
57) 2,4-Dinitrotoluene	15.06	165	272317	49.845	nq	95
58) Fluorene	15.76	166	766735	42.171	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	271258	47.355	nq	94
60) Diethylphthalate	15.53	149	808339	43.337	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	458572	41.314	nq	97
62) 4-Nitroaniline	15.77	138	196902	42.773	nq	98
63) Azobenzene	16.04	77	637793	41.859	nq	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	155518	49.140	nq	85
66) n-Nitrosodiphenylamine	15.96	169	734448	41.859	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	316389	39.875	nq	97
68) Hexachlorobenzene	16.77	284	326890	39.380	nq	94
69) Atrazine	16.91	200	305450	44.308	nq	99
70) Pentachlorophenol	17.11	266	443158	93.978	nq	98
71) Phenanthrene	17.50	178	1315090	42.594	nq	96
72) Anthracene	17.59	178	1340119	43.520	nq	97
73) Carbazole	17.85	167	1206991	43.672	nq	96
74) Di-n-butylphthalate	18.42	149	1390288	44.372	nq	96
75) Fluoranthene	19.51	202	1657209	44.158	nq	93
77) Benzidine	19.68	184	687045	32.591	nq	98
78) Pyrene	19.87	202	1657670	43.319	nq	95
80) Butylbenzylphthalate	20.76	149	661621	45.096	nq	94
81) Benzo(a)anthracene	21.72	228	1590202	41.615	nq	97
82) 3,3'-Dichlorobenzidine	21.63	252	537776	35.053	nq	99
83) Chrysene	21.79	228	1575671	43.017	nq	97
84) Bis(2-ethylhexyl)phthalate	21.64	149	906803	44.807	nq	99
85) Di-n-octyl phthalate	22.88	149	1559646	45.792	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2082218	42.943	nq #	89
88) Benzo(b)fluoranthene	23.98	252	1791267	44.642	nq #	96
89) Benzo(k)fluoranthene	24.05	252	1739104	44.494	nq #	96
90) Benzo(a)pyrene	24.86	252	1770484	46.007	nq #	96
91) Dibenzo(a,h)anthracene	28.84	278	1709999	45.254	nq #	95
92) Benzo(g,h,i)perylene	29.94	276	1726580	45.735	nq #	94

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

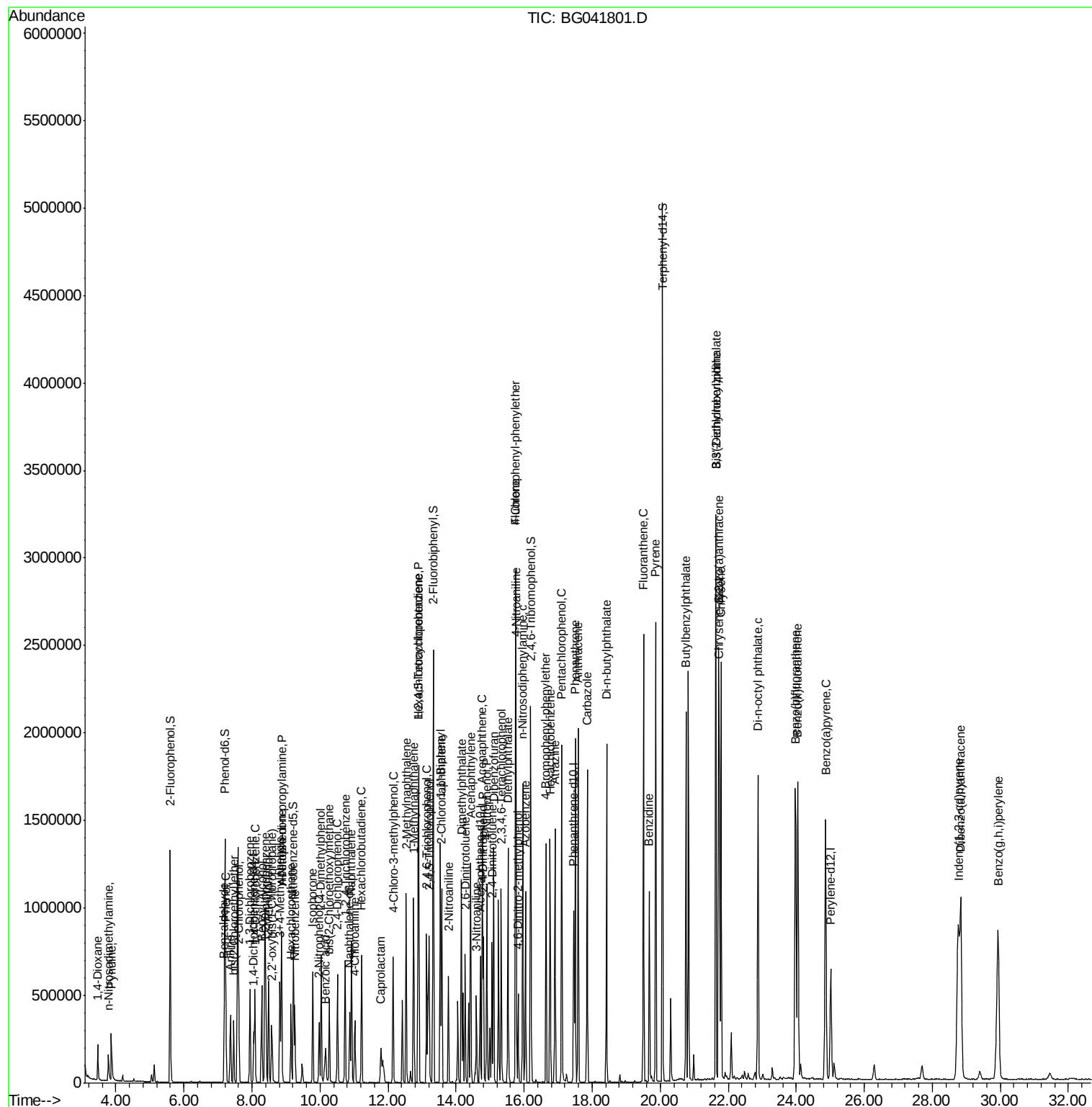
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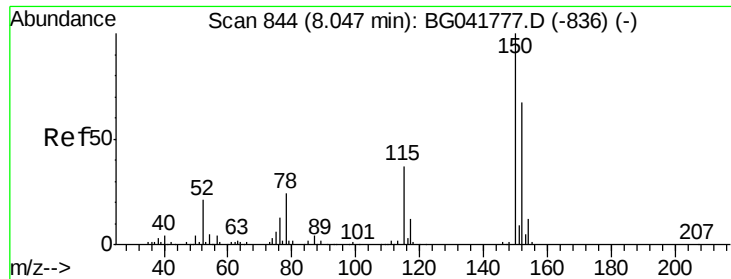
Instrument :
BNA_G
ClientSampleId :
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#1

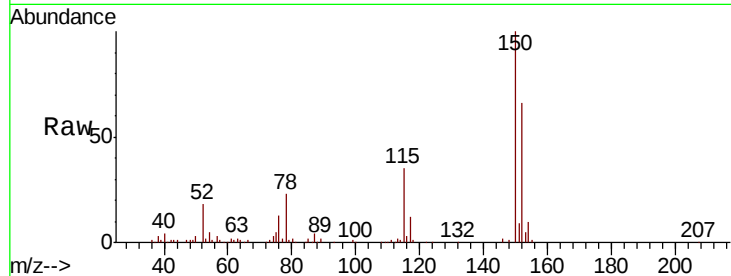
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.9	190.3
115	53.3	45.0	67.6

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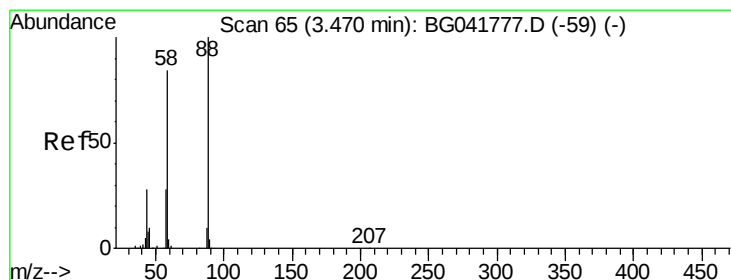
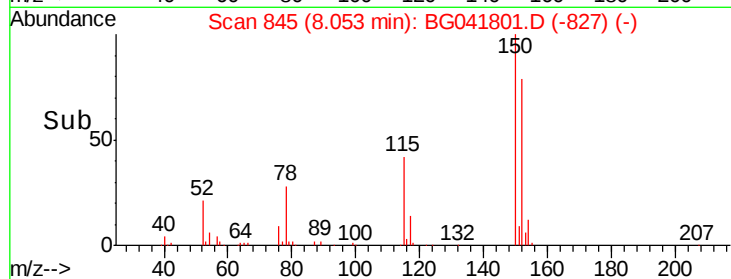
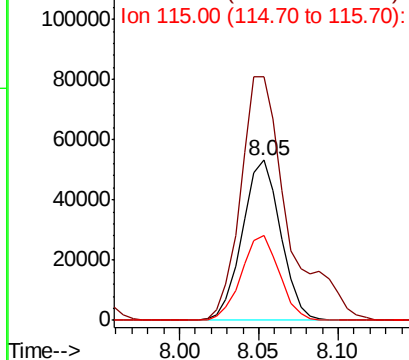


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

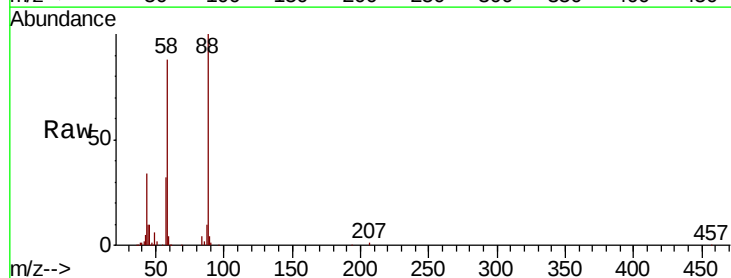
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.422 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	76.2	114.2
43	31.3	27.2	40.8

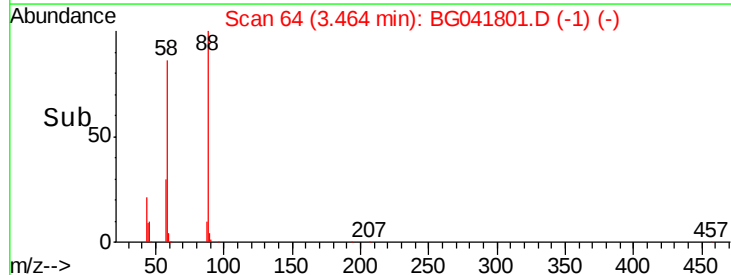
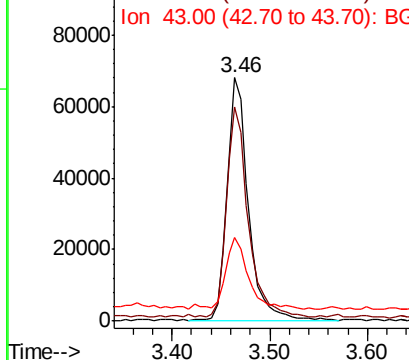


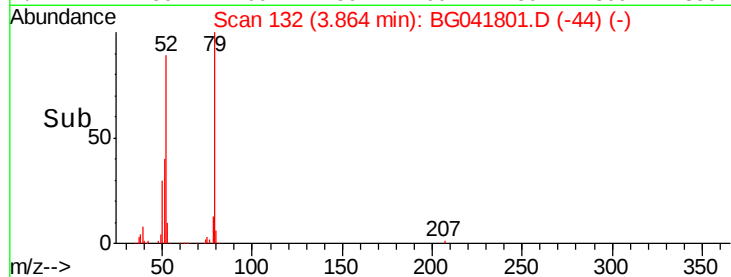
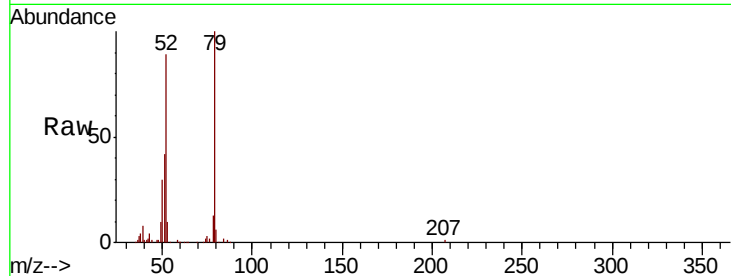
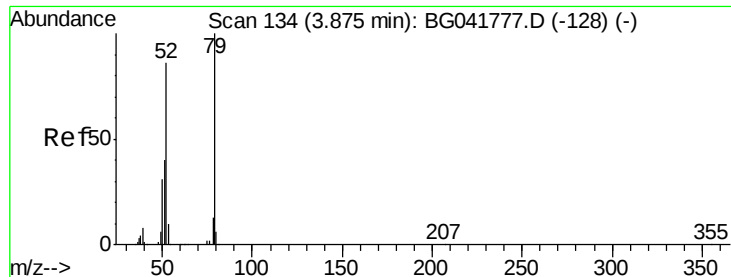
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





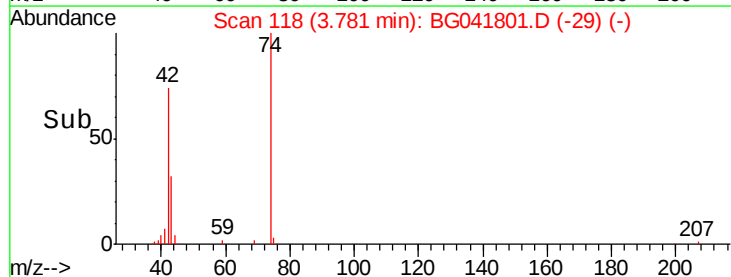
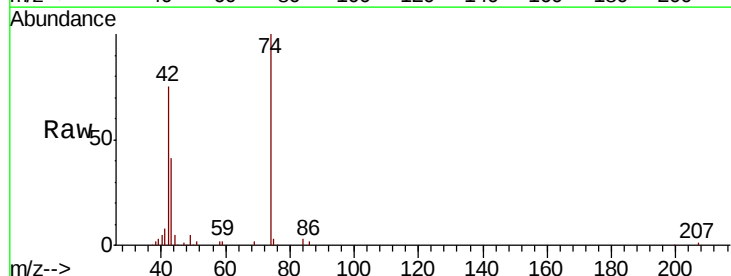
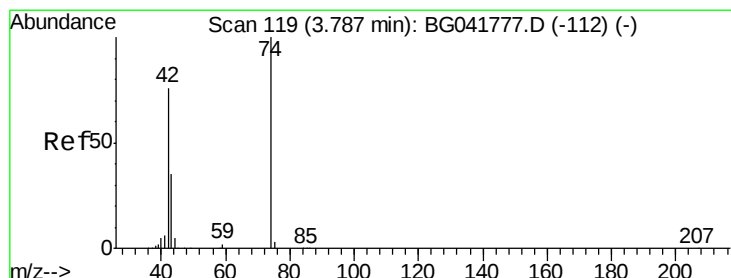
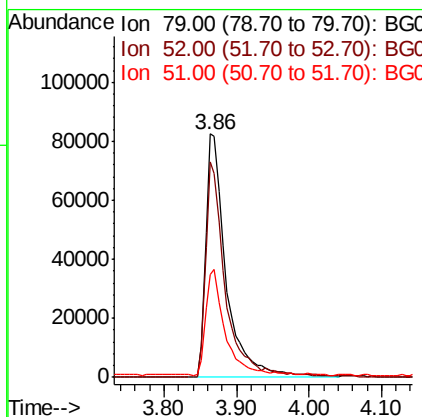
#3
 Pvridine
 Concen: 27.277 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.7	77.1	115.7
51	42.5	37.8	56.8

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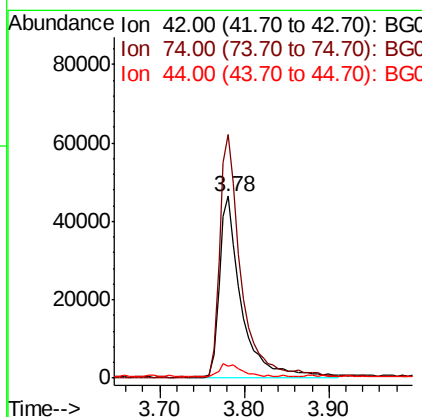
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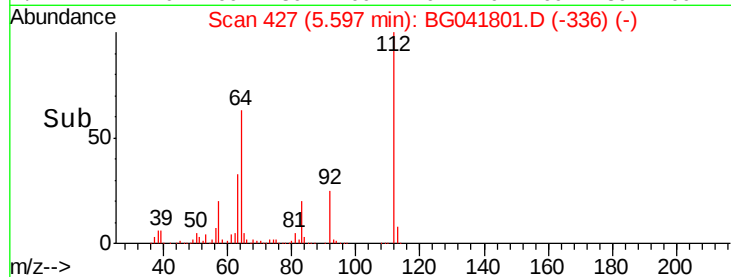
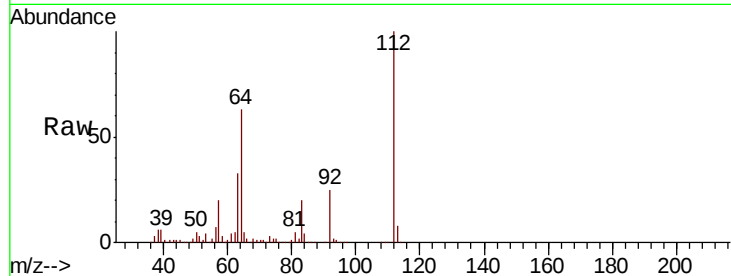
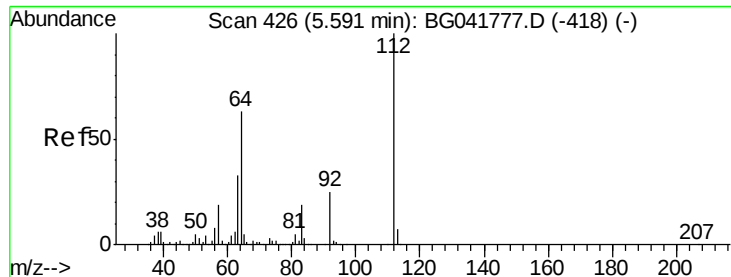
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#4
 n-Nitrosodimethylamine
 Concen: 35.196 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.7	97.4	146.2
44	6.7	6.6	9.8





#5

2-Fluorophenol

Concen: 129.583 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tot Ion	Ratio	Resp	Lower	Upper
112	100	594221		
64	63.2		55.4	83.2
63	33.2		29.1	43.7

Instrument :

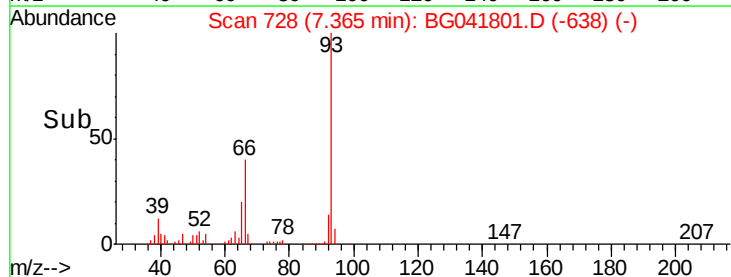
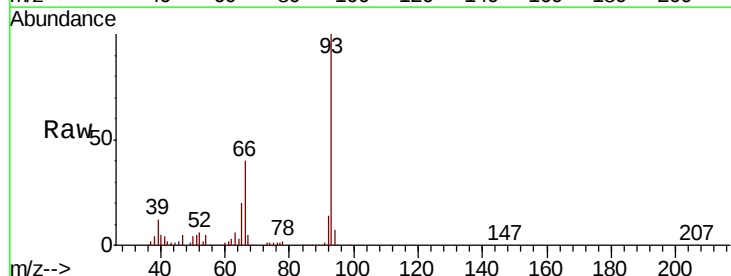
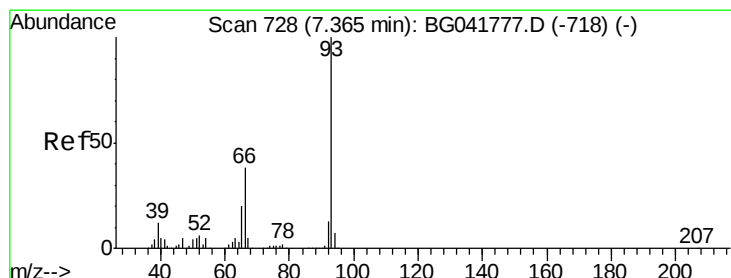
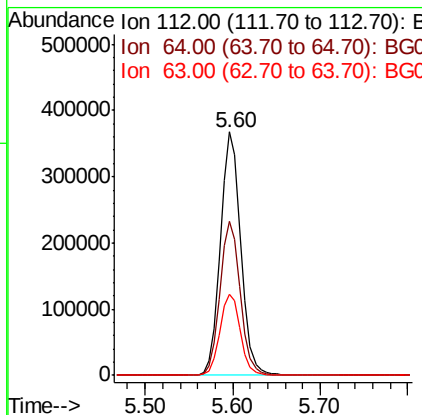
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PB121801BS

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#6

Aniline

Concen: 30.526 ng

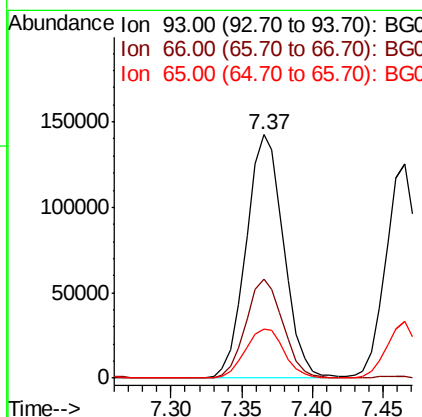
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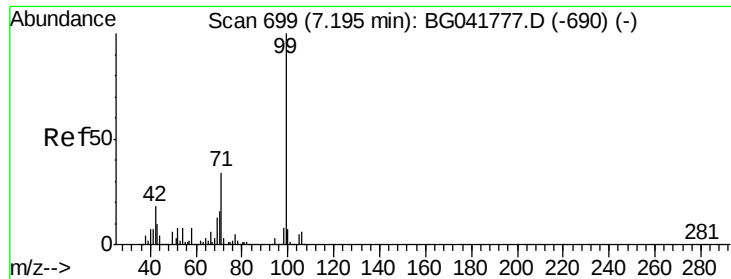
Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	265735		
66	40.4		34.2	51.2
65	20.1		18.2	27.2





#7

Phenol-d6

Concen: 133.112 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

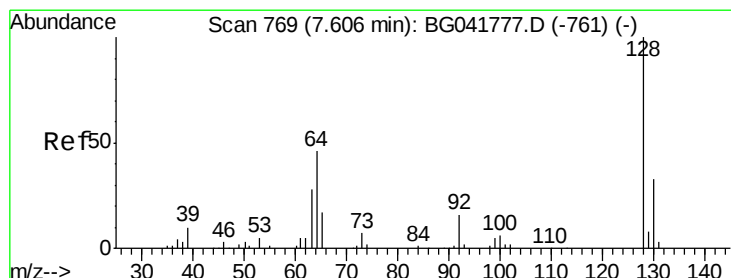
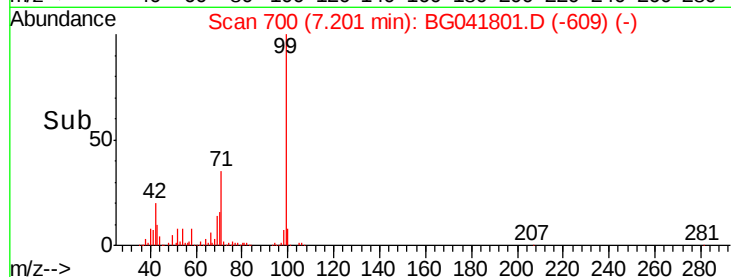
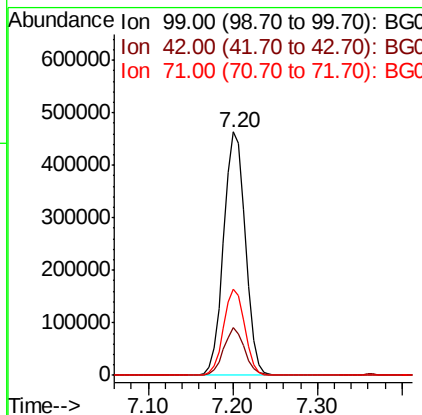
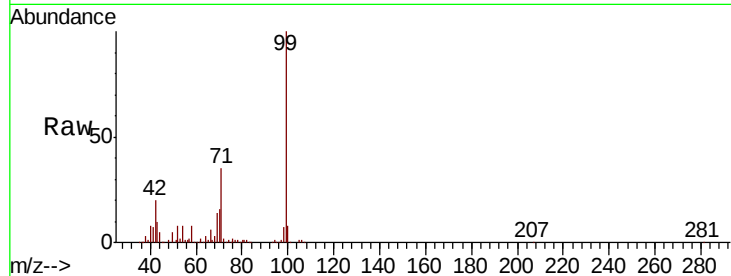
ClientSampleId :

PB121801BS

Tot Ion:	99	Resp:	822918
Ion Ratio	Lower	Upper	
99	100		
42	19.8	17.6	26.4
71	35.4	27.8	41.6

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#8

2-Chlorophenol

Concen: 43.660 ng

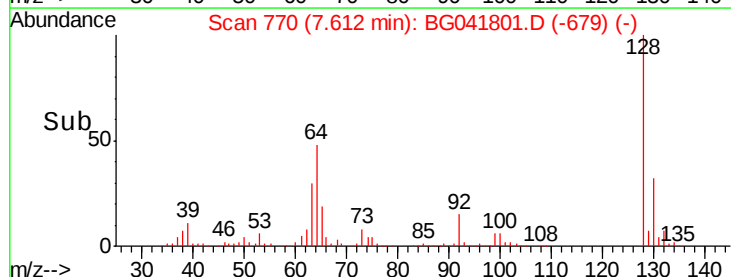
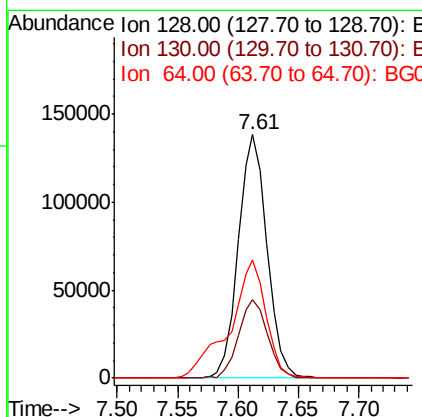
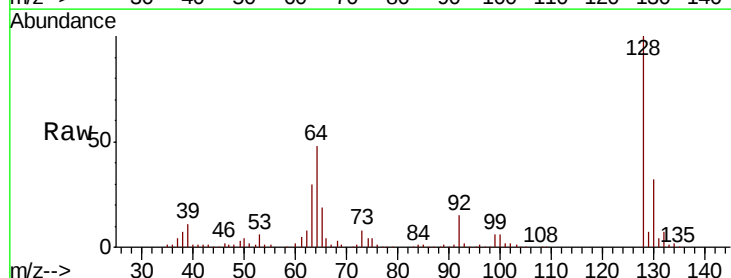
RT: 7.61 min Scan# 770

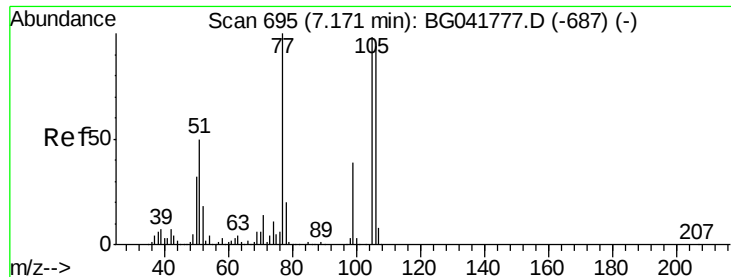
Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion:	128	Resp:	229255
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.4	52.4
64	48.4	34.9	74.9





#9

Benzaldehyde

Concen: 8.550 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

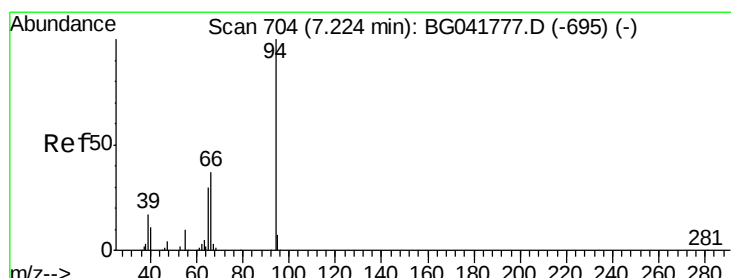
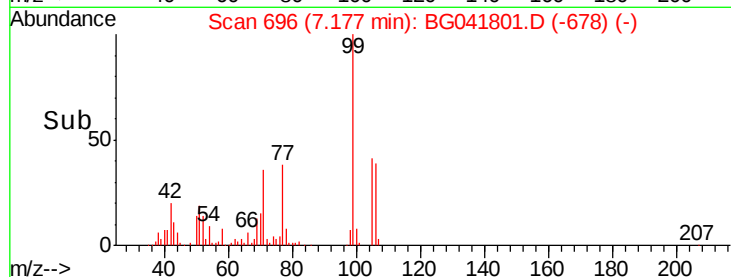
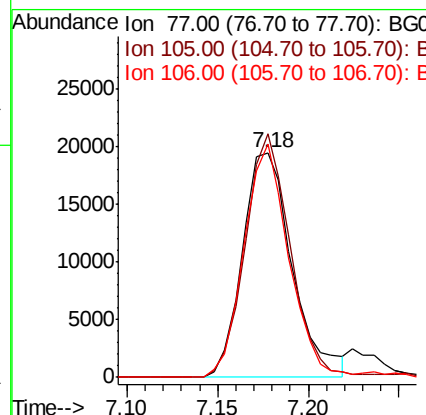
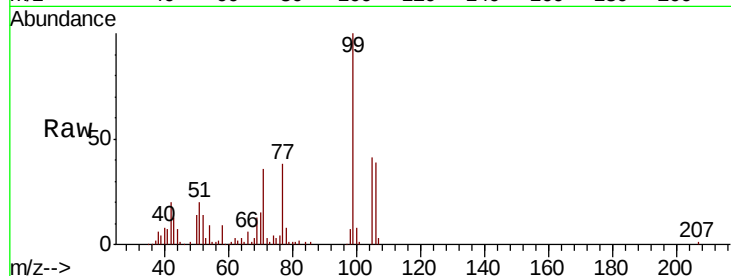
ClientSampleId :

PB121801BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.3	74.6	114.6
106	103.9	71.1	111.1

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#10

Phenol

Concen: 43.229 ng

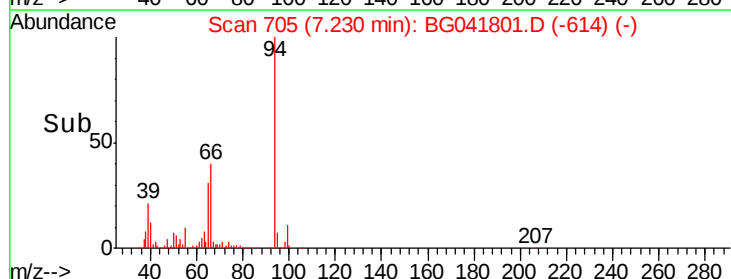
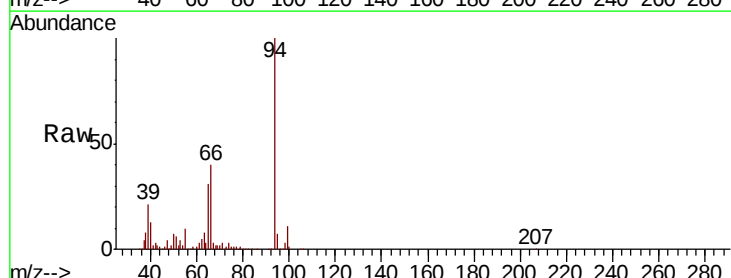
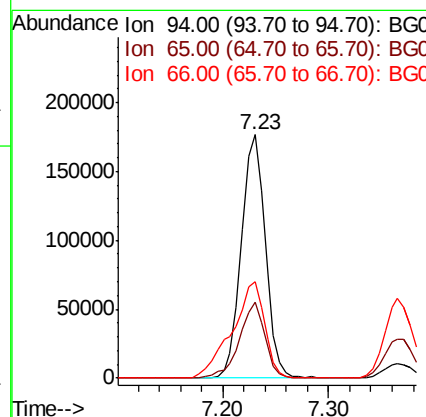
RT: 7.23 min Scan# 705

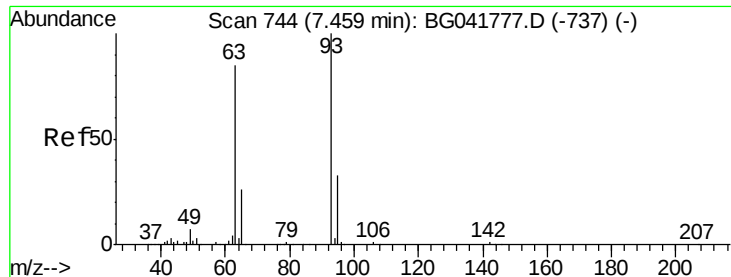
Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	10.6	50.6
66	39.8	18.2	58.2





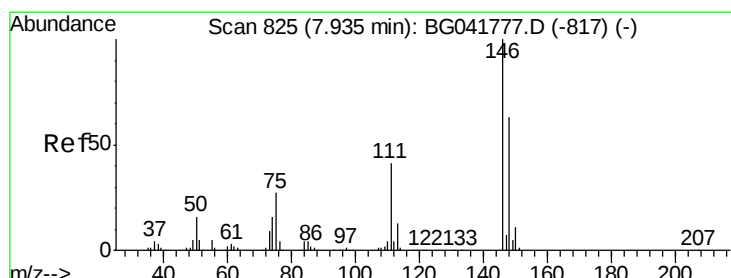
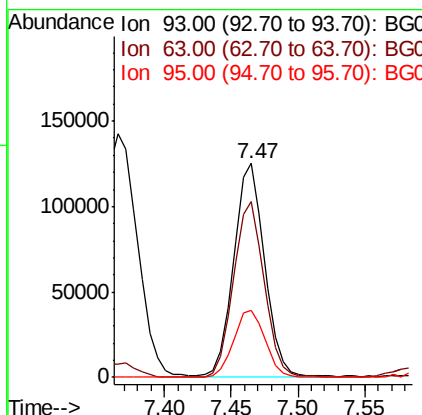
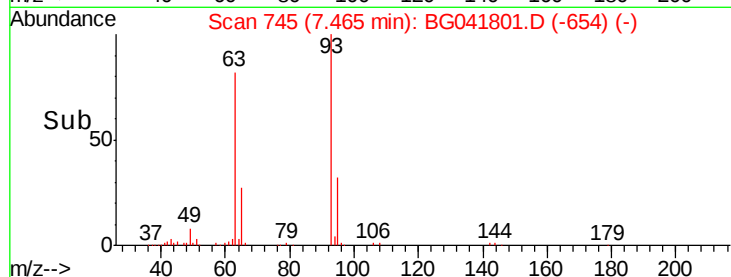
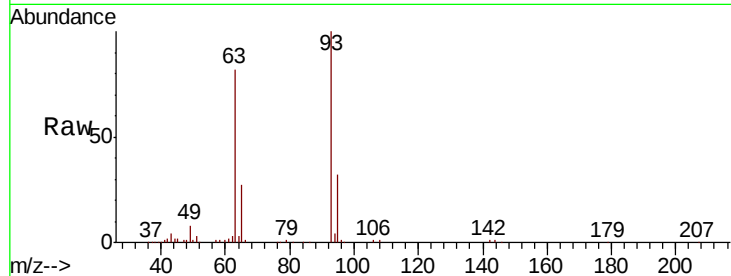
#11
bis(2-Chloroethyl)ether
Concen: 37.736 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	199526		
63	82.0		70.4	110.4
95	31.6		12.8	52.8

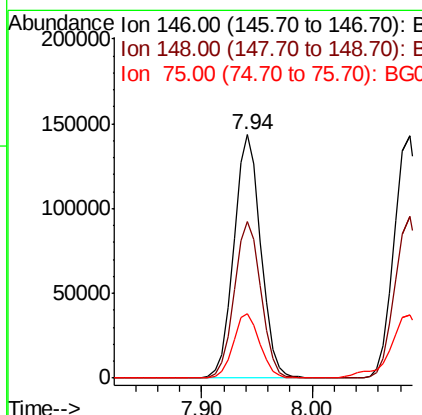
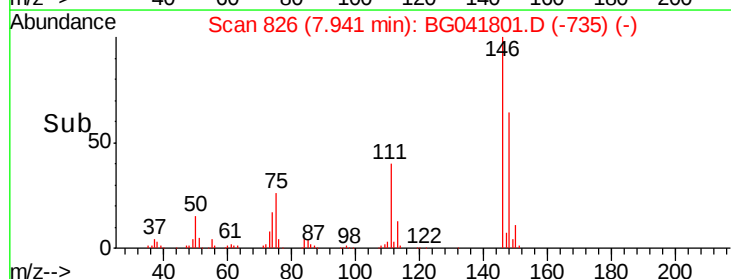
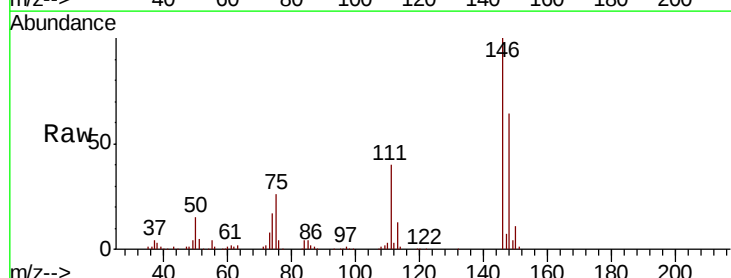
Manual Integrations
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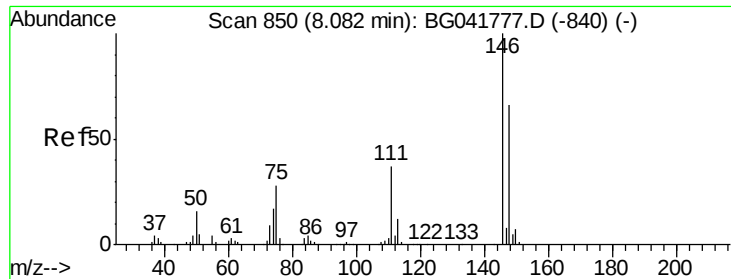
mohammad
8/1/2019 5:04:53 PM



#12
1,3-Dichlorobenzene
Concen: 35.700 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244662		
148	64.4		51.5	77.3
75	26.2		23.2	34.8





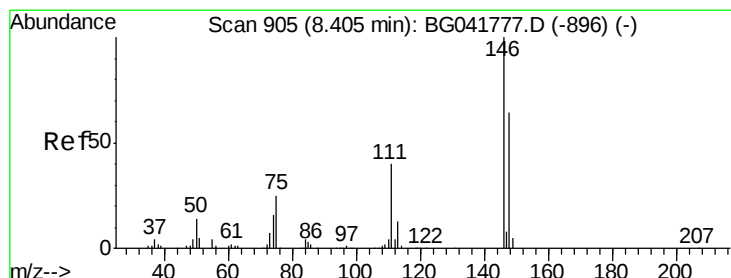
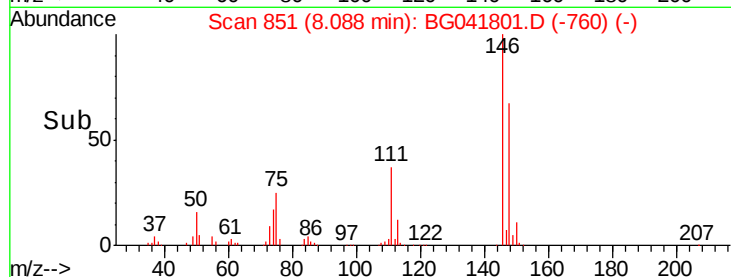
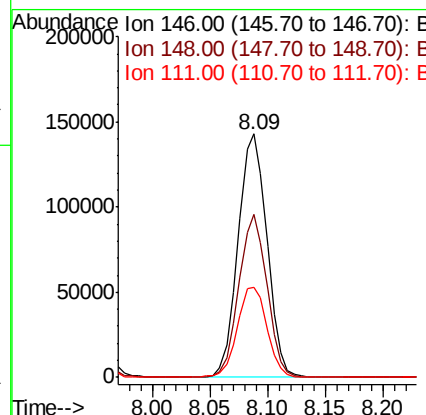
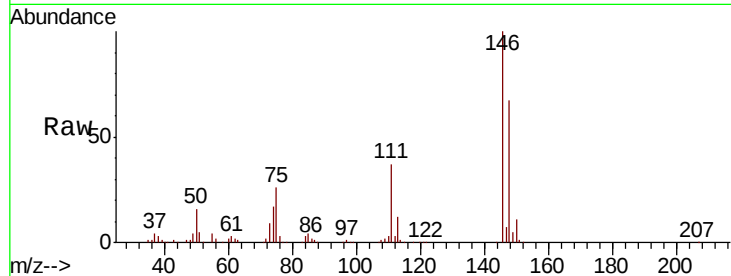
#13
 1,4-Dichlorobenzene
 Concen: 36.132 ng
 RT: 8.09 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.6	79.0
111	37.1	32.5	48.7

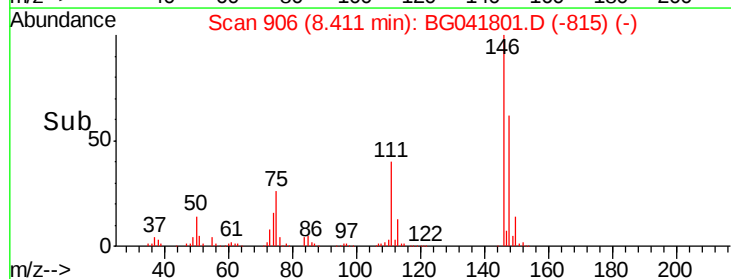
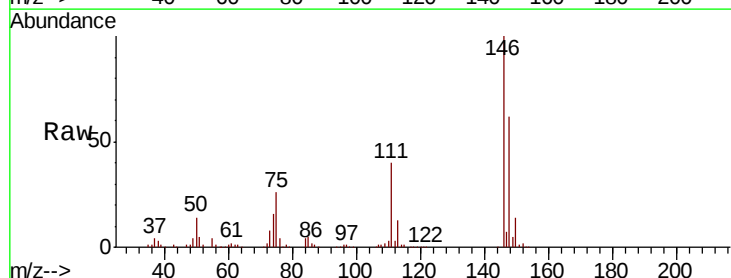
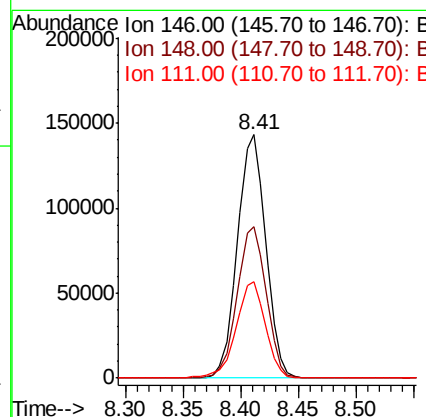
Manual Integrations
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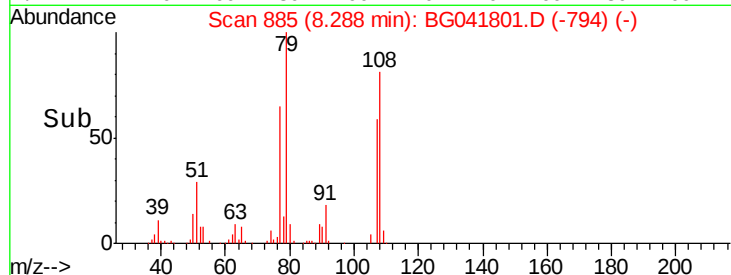
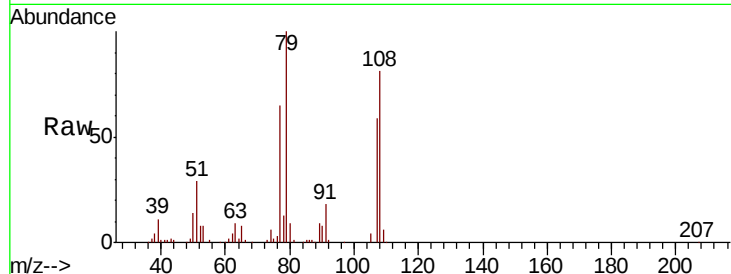
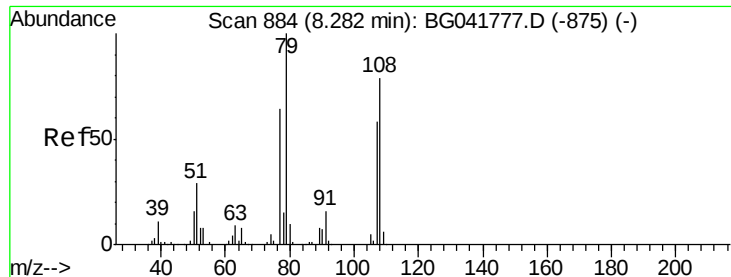
mohammad
 8/1/2019 5:04:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.210 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	53.5	80.3
111	39.8	35.4	53.0





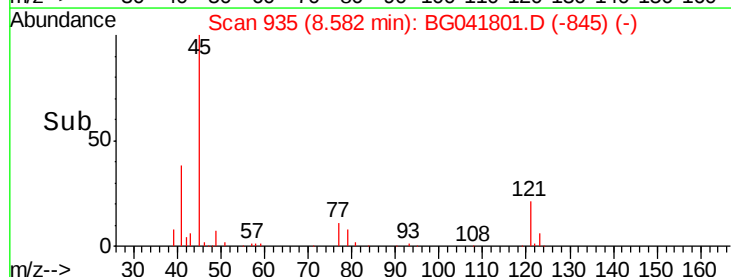
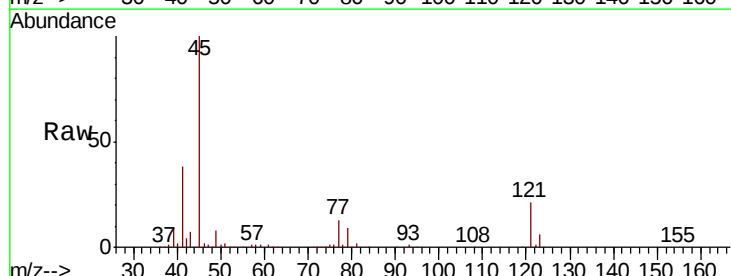
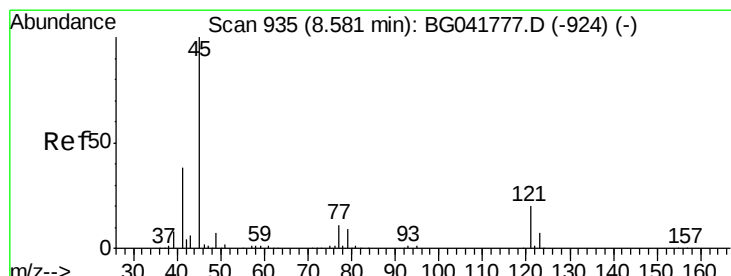
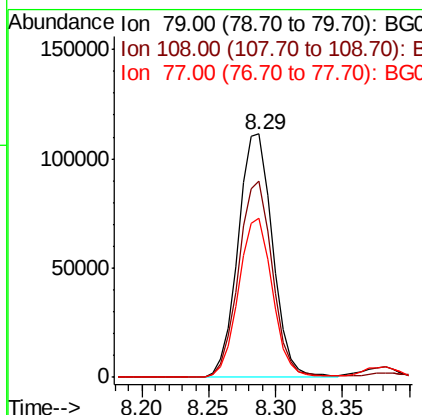
#15
Benzyl Alcohol
Concen: 40.999 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tot Ion	Ratio	Resp	Lower	Upper
79	100	199404		
108	80.7	60.5	90.7	
77	65.3	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121801BS

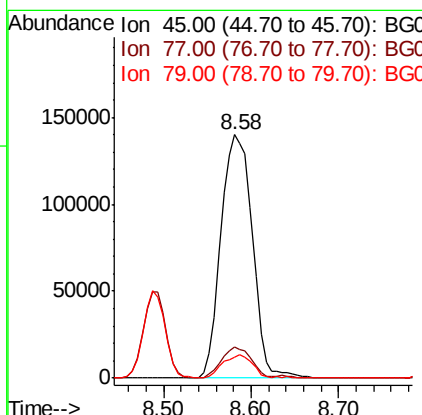
Manual Integrations
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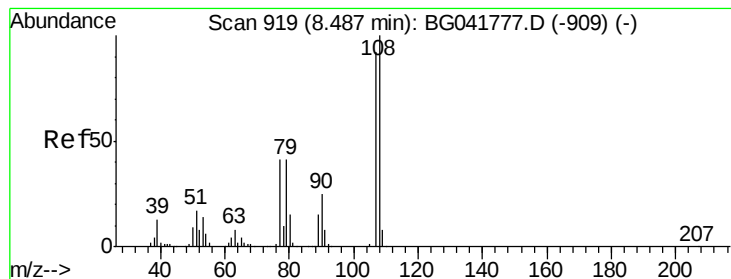
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.670 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	344949		
77	12.6	0.0	30.4	
79	8.7	0.0	27.9	





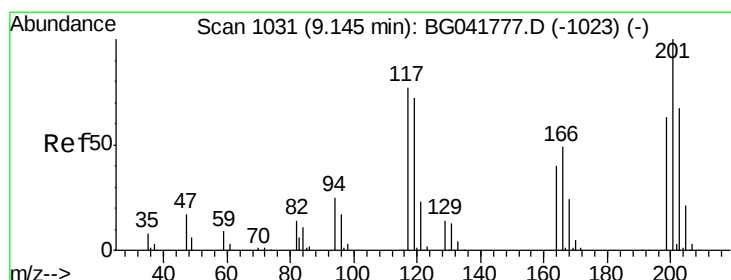
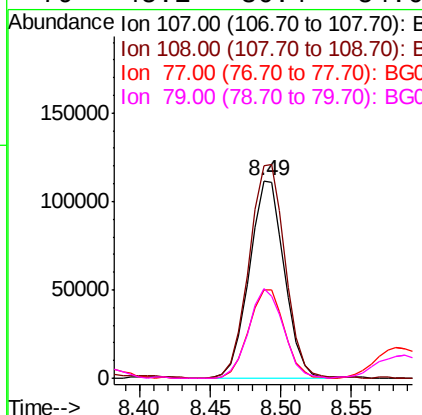
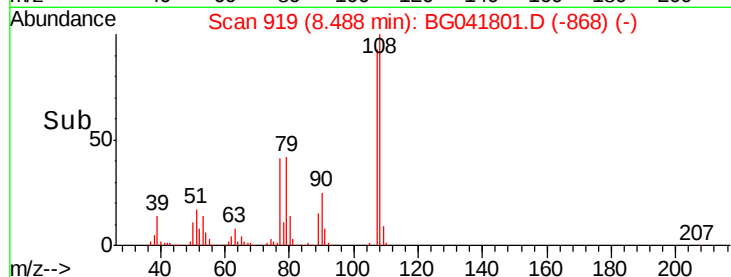
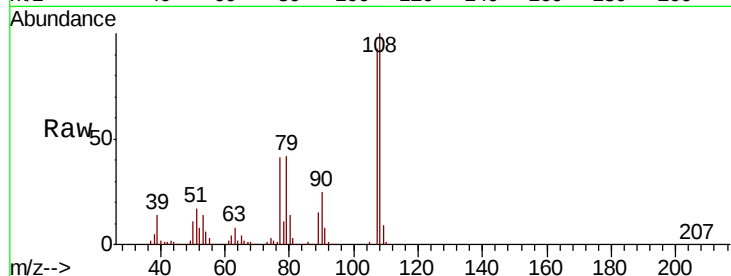
#17
2-Methylphenol
Concen: 41.803 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	87.6	131.4	
77	44.5	36.1	54.1	
79	45.1	36.4	54.6	

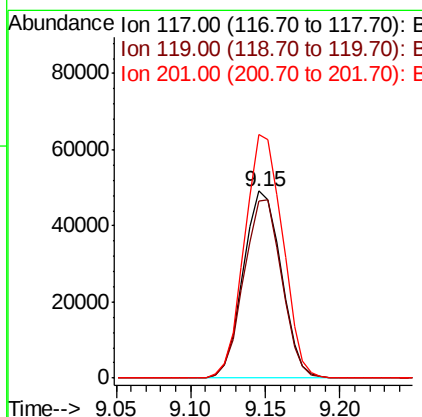
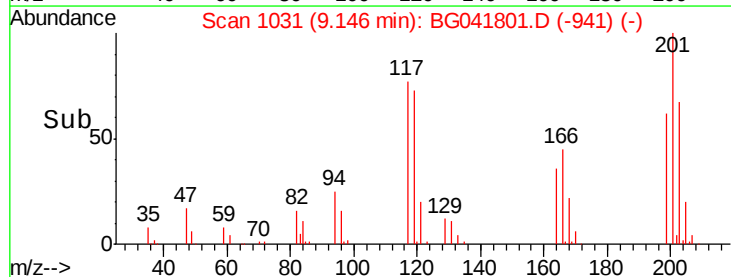
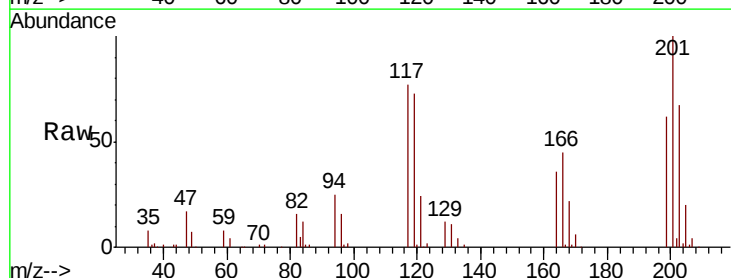
Manual Integrations
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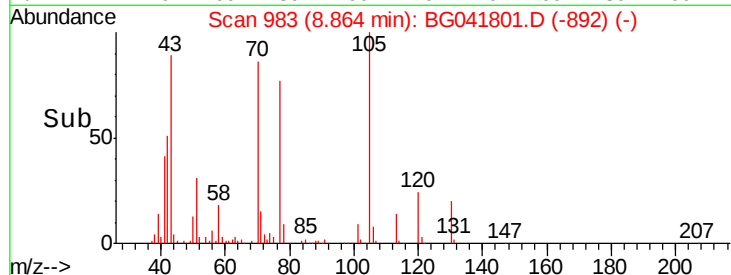
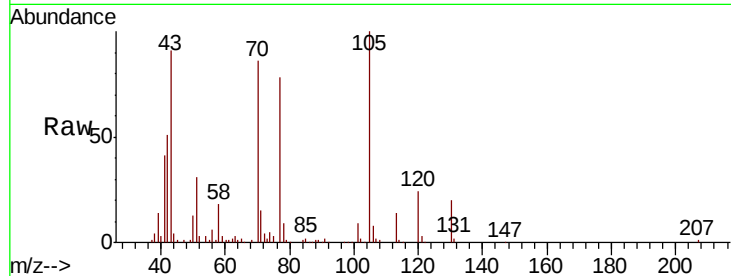
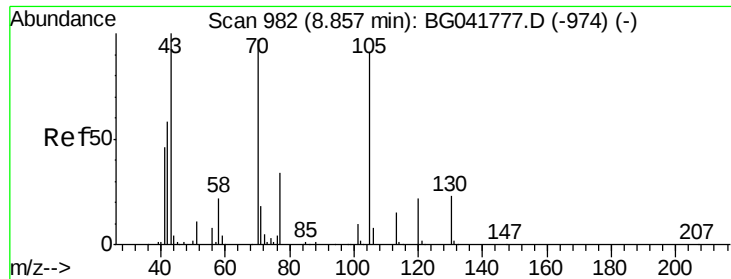
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#18
Hexachloroethane
Concen: 36.917 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	76.2	114.2	
201	130.0	94.1	141.1	





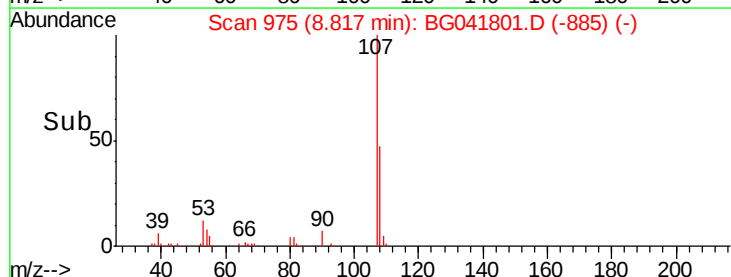
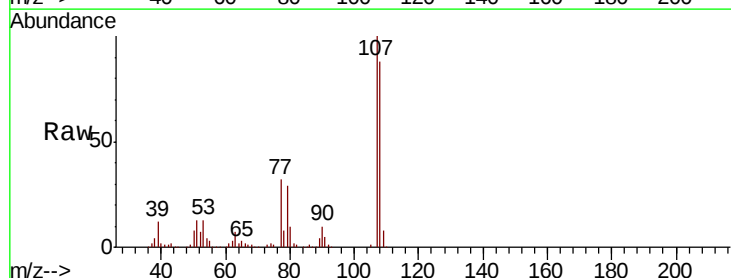
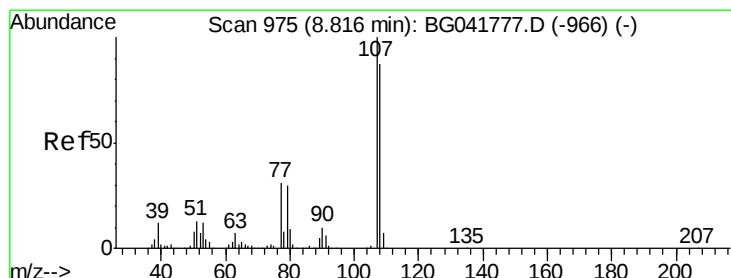
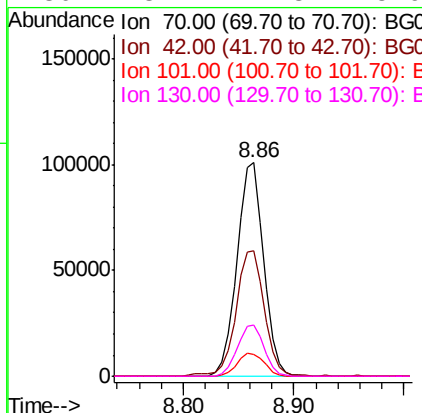
#19
n-Nitroso-di-n-propylamine
Concen: 38.251 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.0	55.8	83.6	
101	9.9	8.1	12.1	
130	23.7	17.3	25.9	

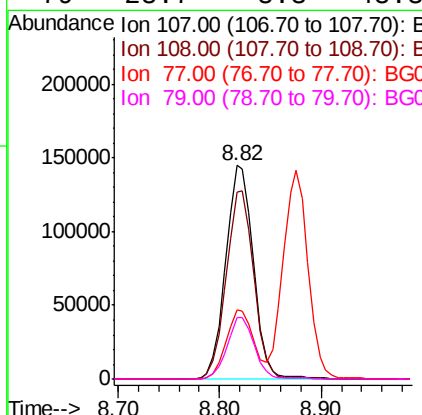
Manual Integrations
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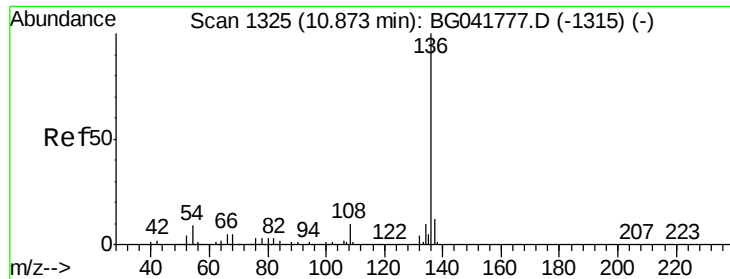
mohammad
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#20
3+4-Methylphenols
Concen: 42.829 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	67.5	107.5	
77	32.1	12.3	52.3	
79	28.7	8.3	48.3	





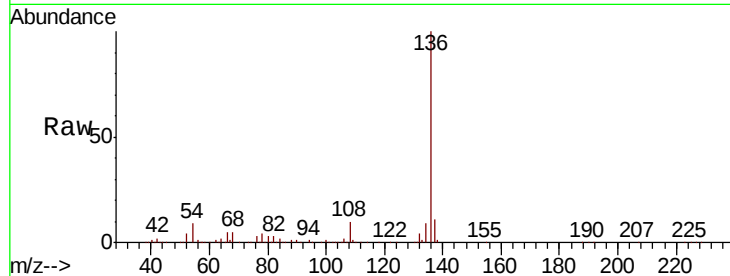
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	371726		
137	10.8	9.2	13.8	
54	9.3	8.7	13.1	
68	5.0	5.5	8.3#	

Manual Integrations
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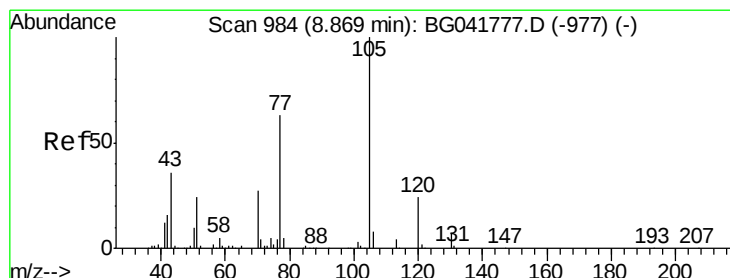
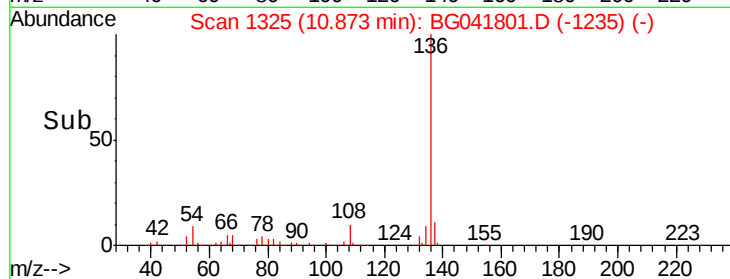
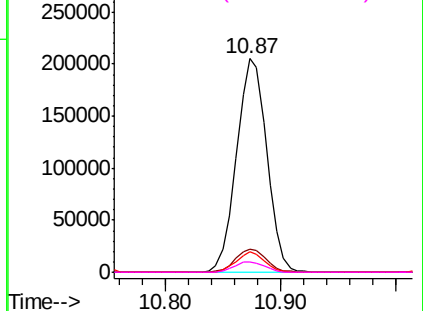
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.311 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	335171		
71	3.5	5.9	8.9#	
51	29.6	27.7	41.5	
120	24.3	19.3	28.9	

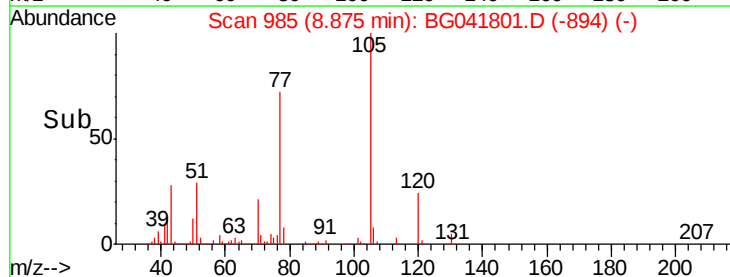
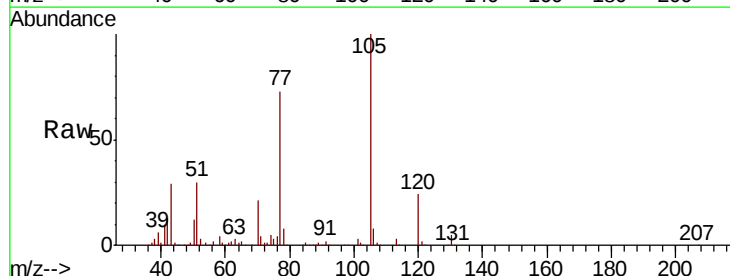
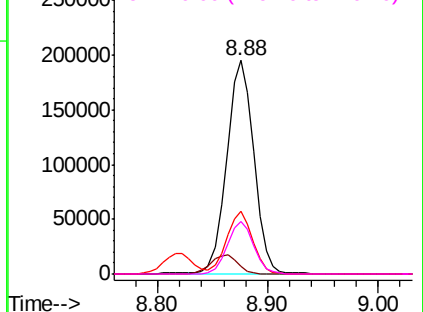
Abundance

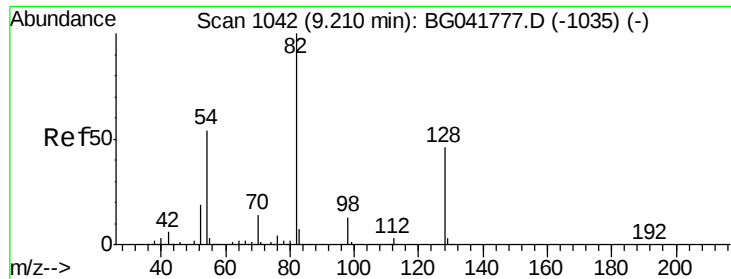
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





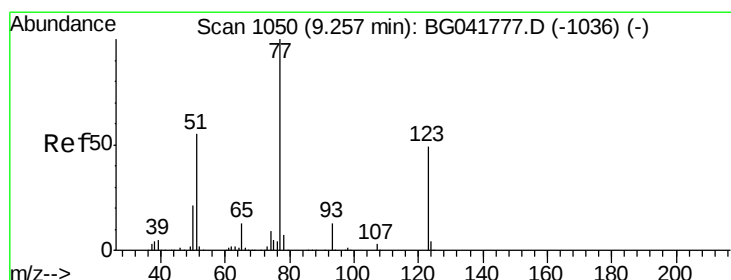
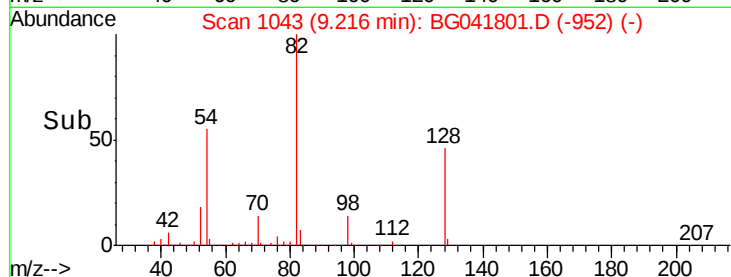
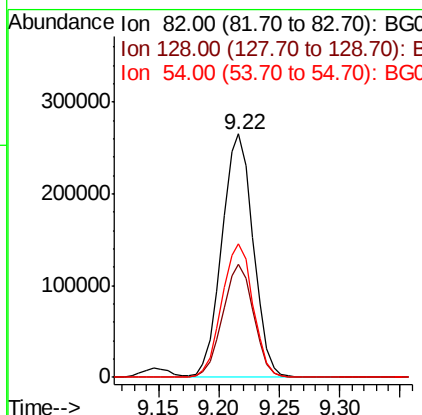
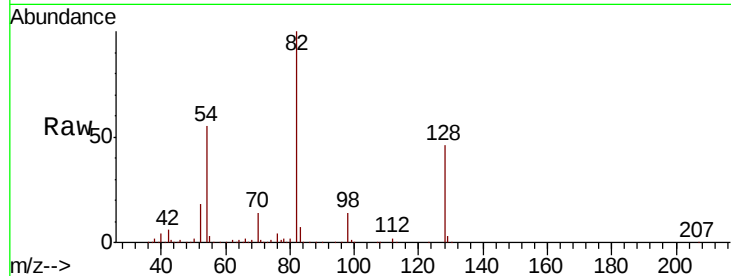
#23
Nitrobenzene-d5
Concen: 87.957 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	475121		
128	46.5	35.1	52.7	
54	55.1	48.7	73.1	

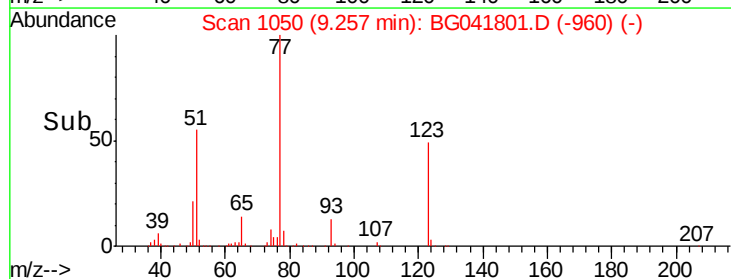
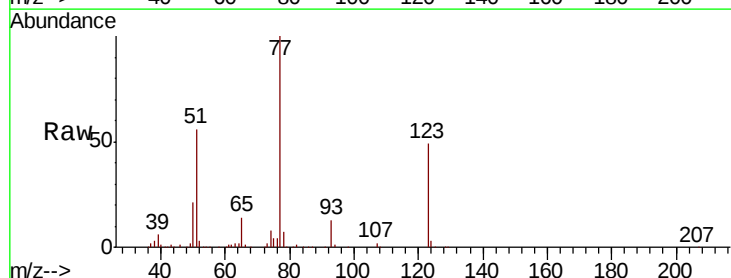
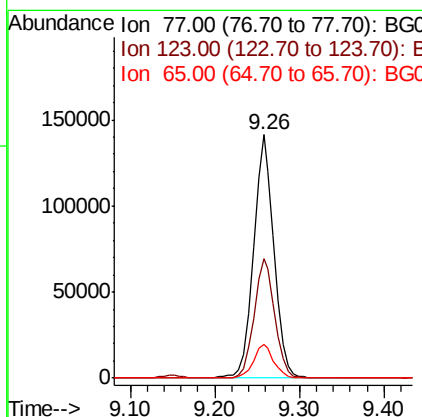
Manual Integrations
APPROVED

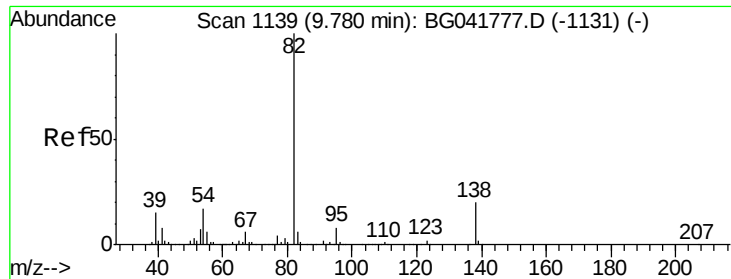
mohammad
8/1/2019 5:04:53 PM



#24
Nitrobenzene
Concen: 41.876 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238303		
123	49.0	38.1	57.1	
65	13.9	11.0	16.6	





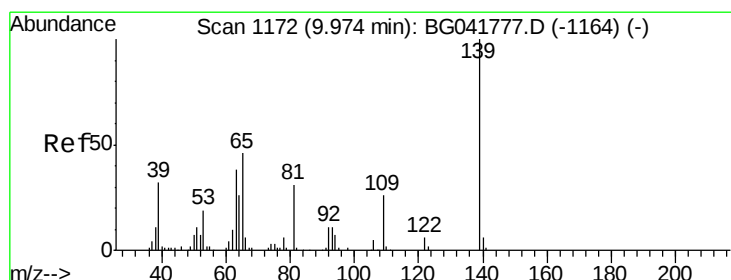
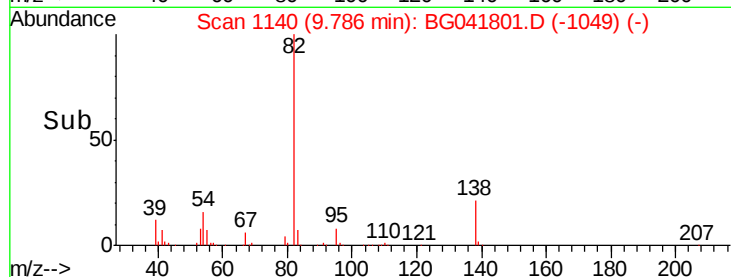
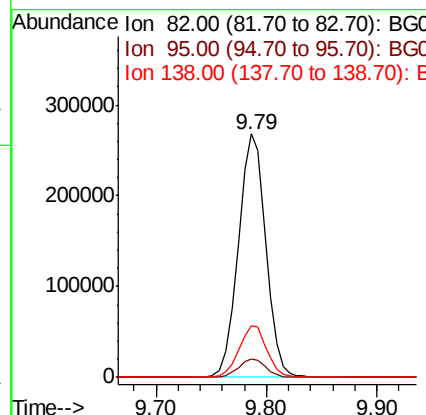
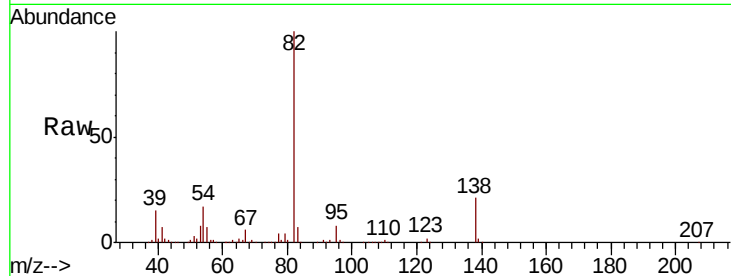
#25
Isophorone
Concen: 39.779 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	21.1	16.3	24.5

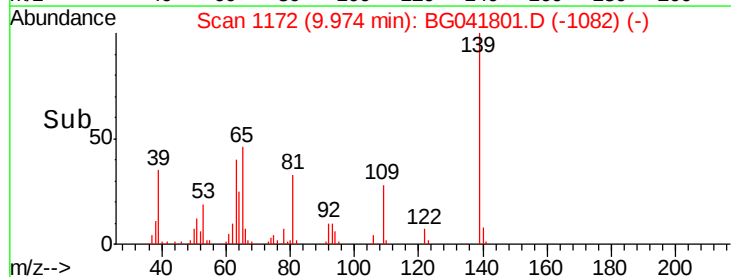
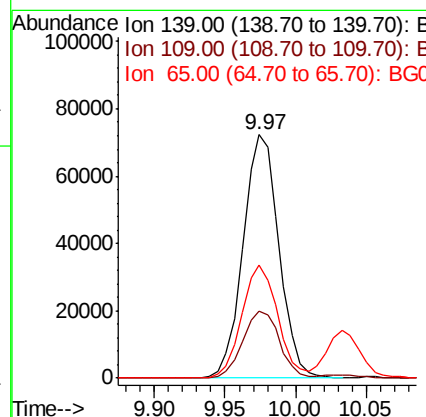
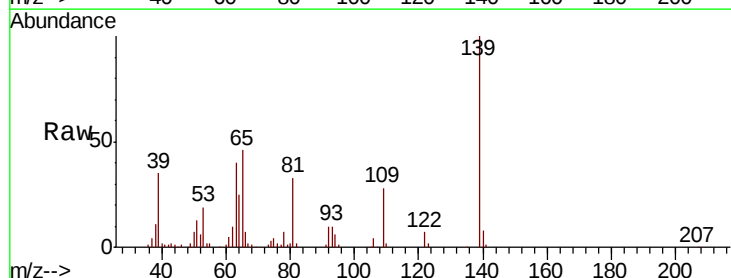
Manual Integrations
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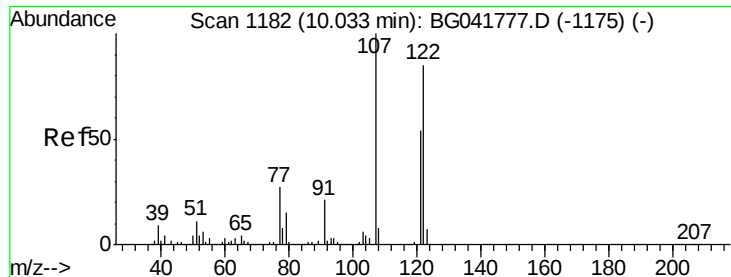
mohammad
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#26
2-Nitrophenol
Concen: 48.586 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	46.5	41.1	61.7





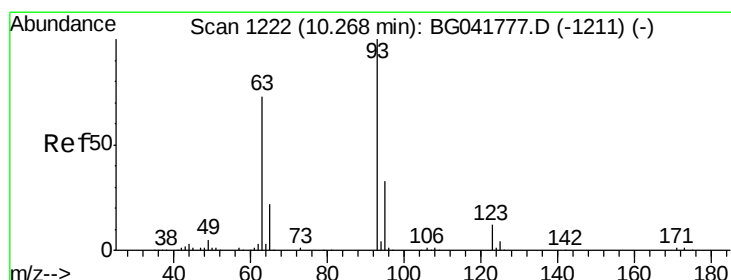
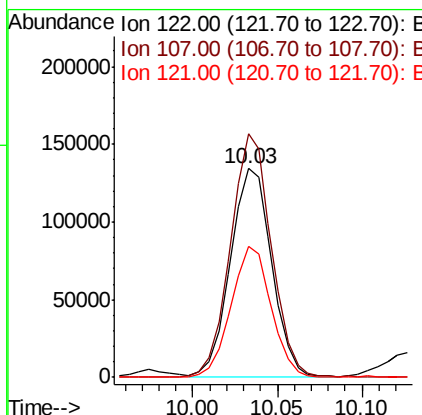
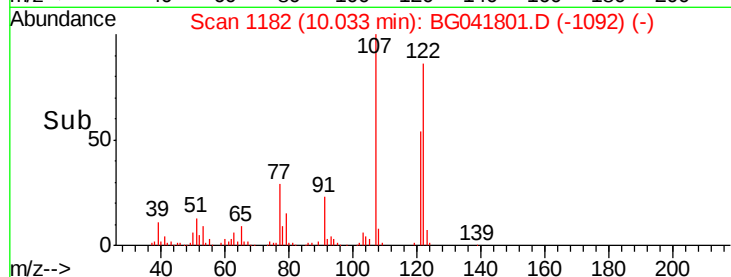
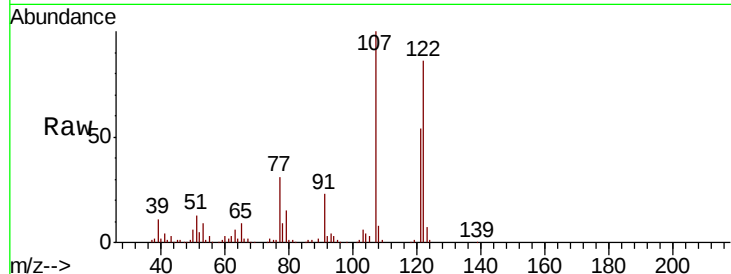
#27
2,4-Dimethylphenol
Concen: 48.717 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.3	136.9
121	62.6	49.2	73.8

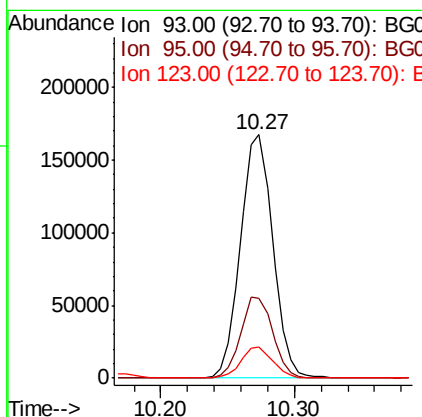
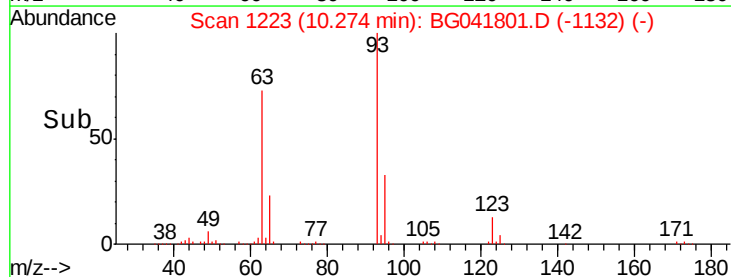
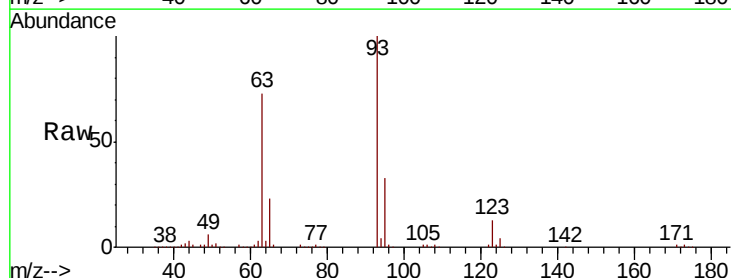
Manual Integrations
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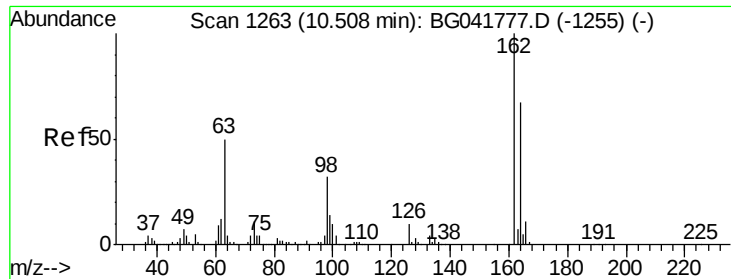
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.206 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.9	9.9	14.9





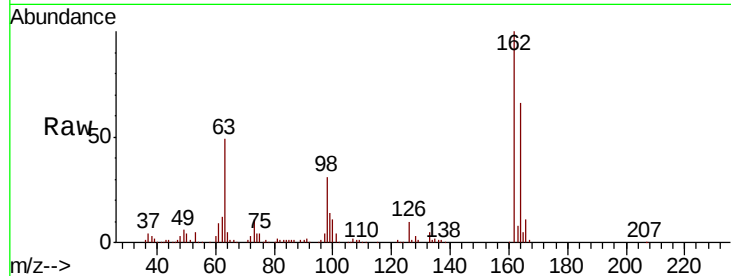
#29
2,4-Dichlorophenol
Concen: 45.202 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	256592		
164	66.5	46.1	86.1	
98	30.6	14.7	54.7	

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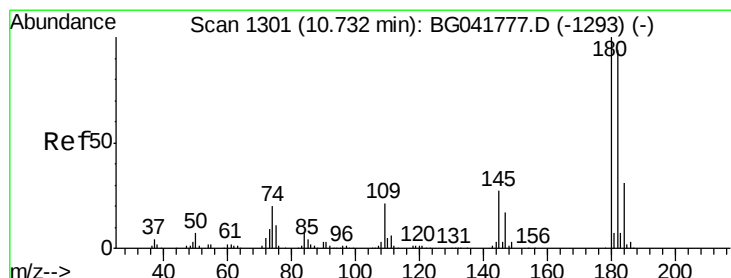
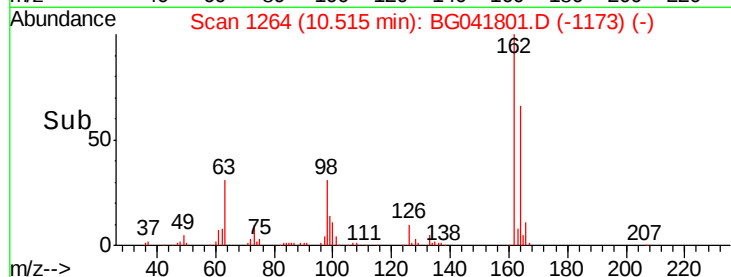
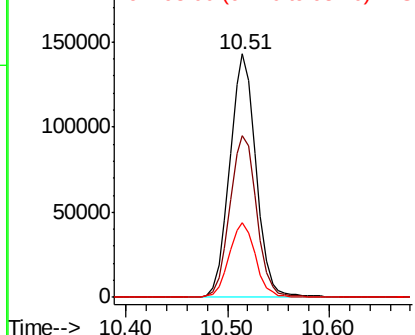


Abundance

Ion 162.00 (161.70 to 162.70): E

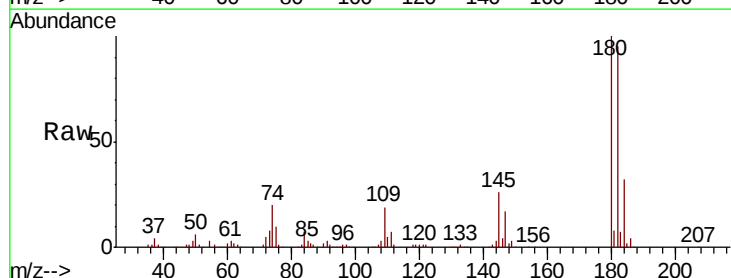
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 38.643 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	278167		
182	95.3	76.2	114.2	
145	26.5	23.8	35.8	

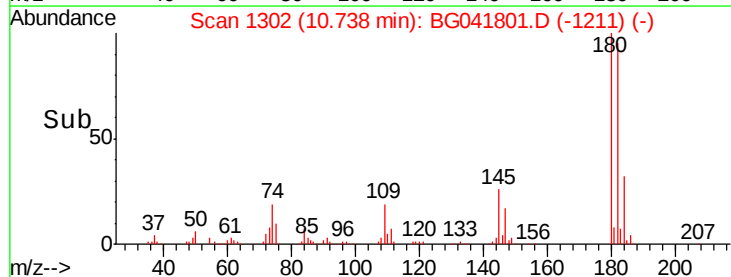
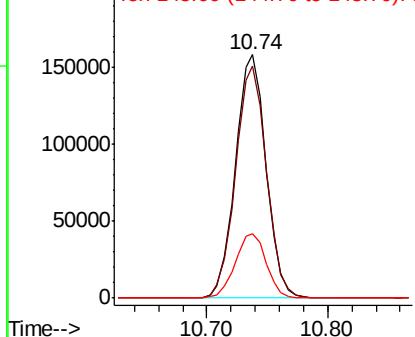


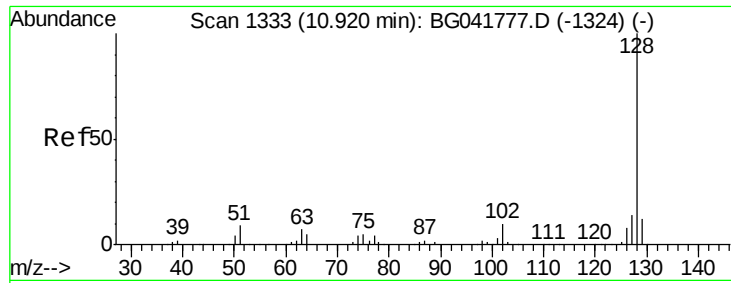
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





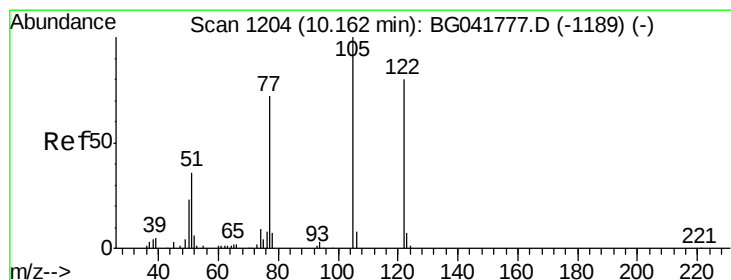
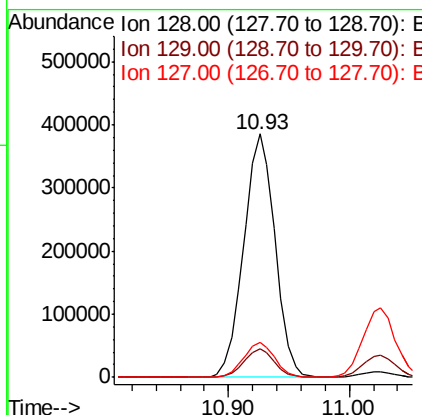
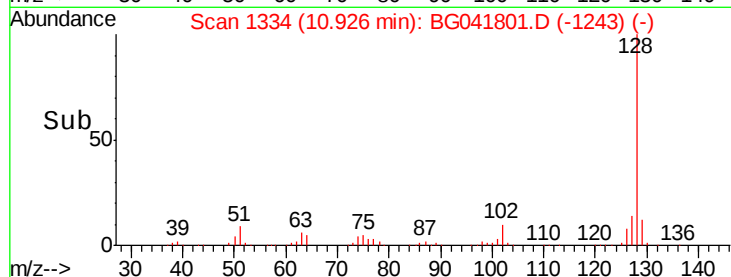
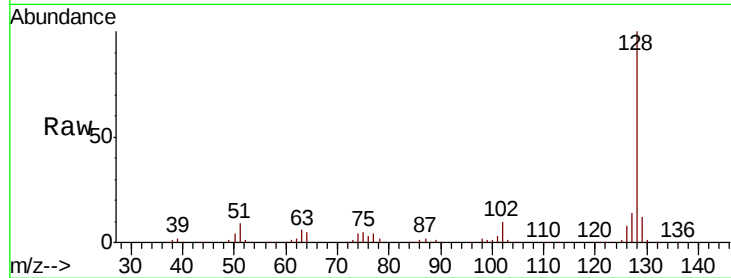
#31
Naphthalene
Concen: 40.817 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	14.2	12.3	18.5

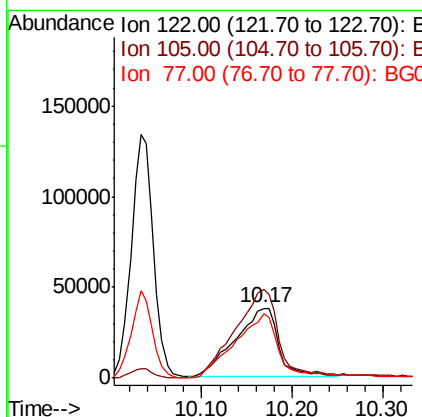
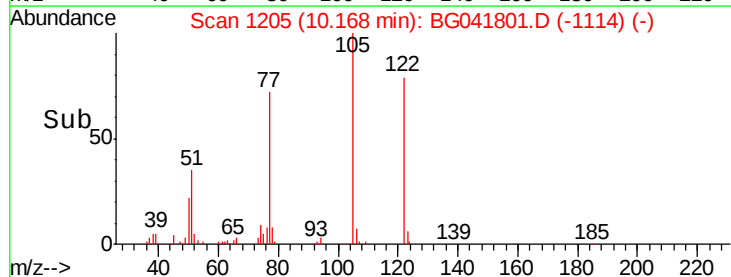
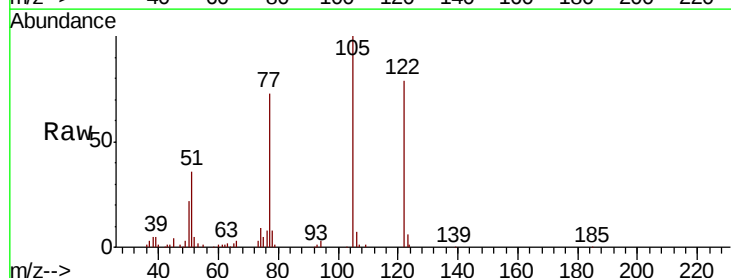
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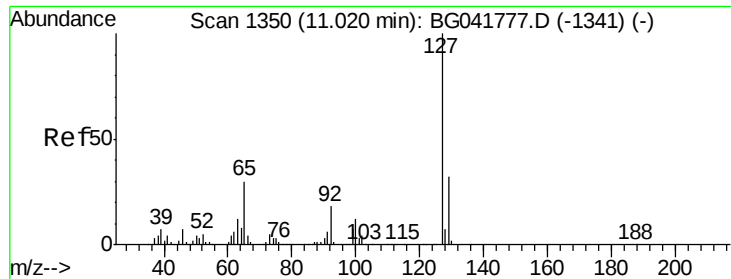
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#32
Benzoic acid
Concen: 40.146 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	101.5	141.5
77	92.2	73.0	113.0





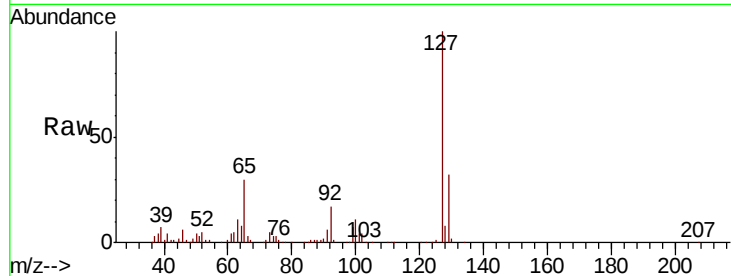
#33
4-Chloroaniline
Concen: 25.404 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampled :
PB121801BS

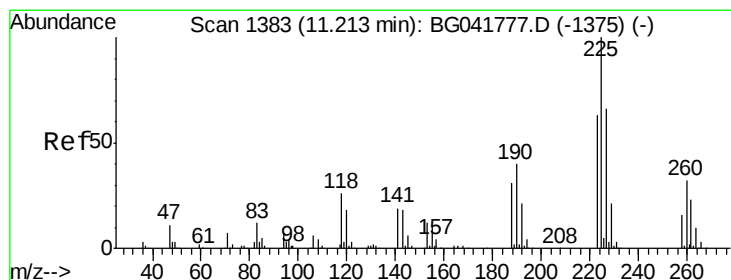
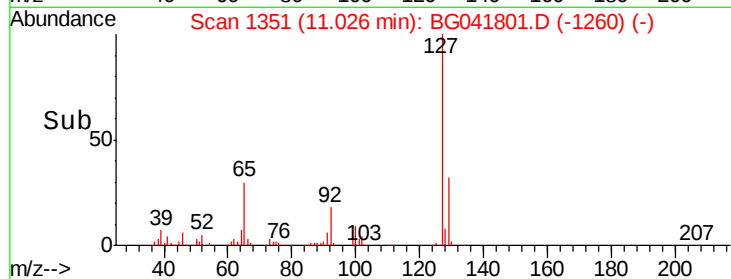
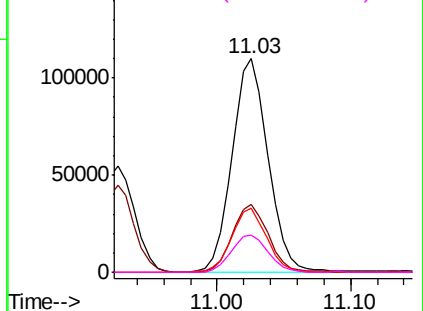
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	30.0	26.7	40.1
92	17.5	15.4	23.0

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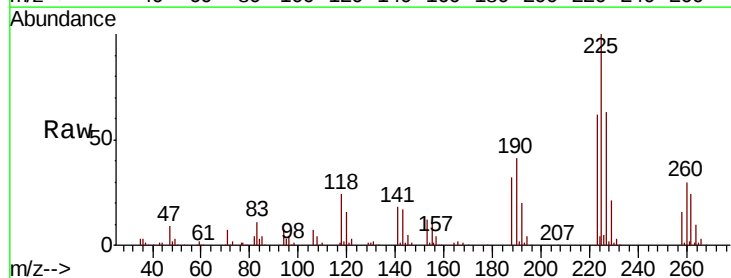


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

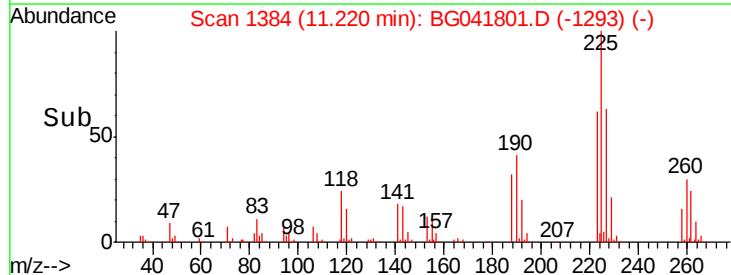
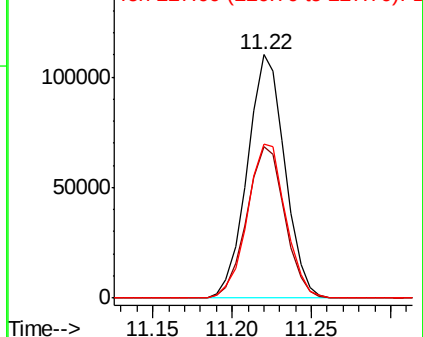


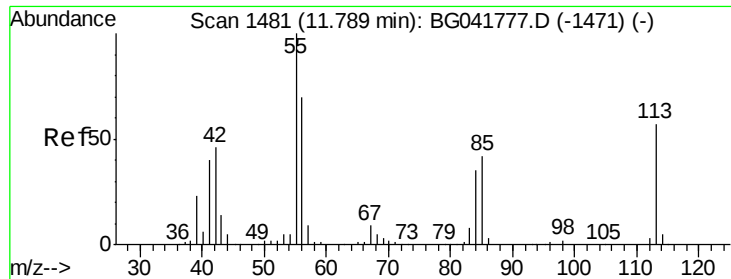
#34
Hexachlorobutadiene
Concen: 37.160 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	63.3	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.227 ng/ml

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampled :

PB121801BS

Tot Ion: 113 Resp: 93168

Ion Ratio Lower Upper

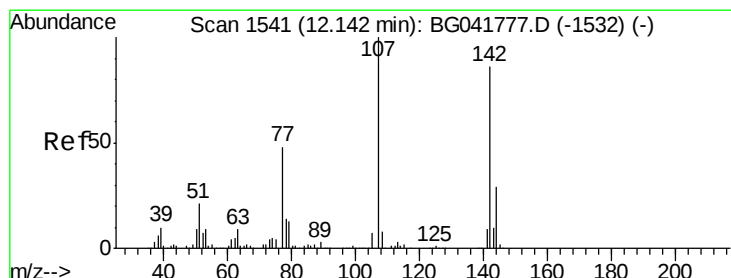
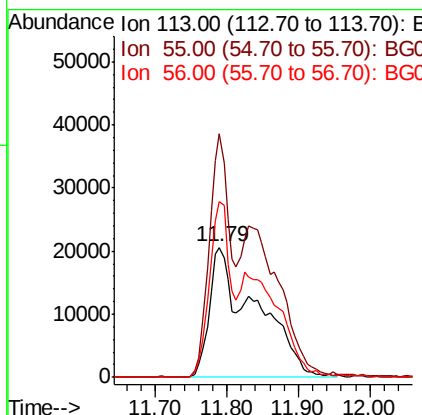
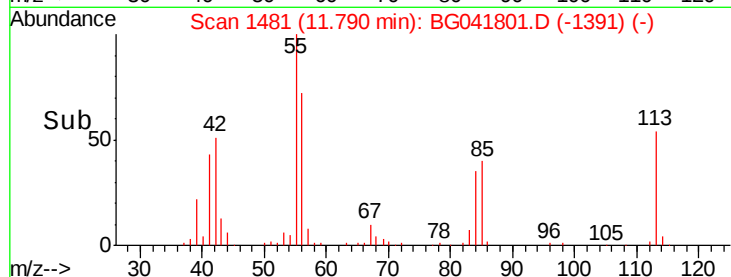
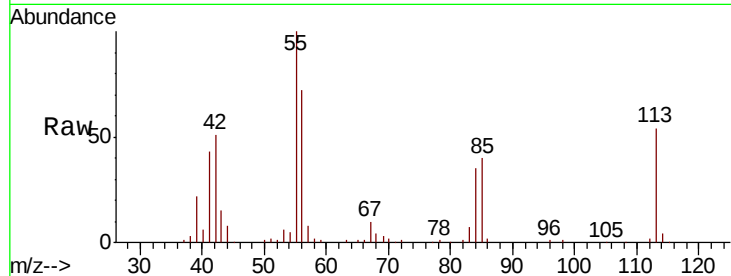
113 100

55 186.9 199.4 239.4#

56 135.1 133.6 173.6

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#36

4-Chloro-3-methylphenol

Concen: 46.070 ng/ml

RT: 12.15 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

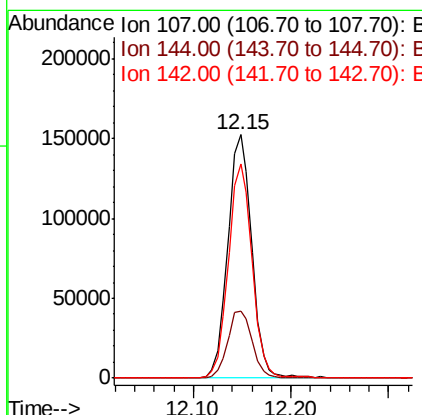
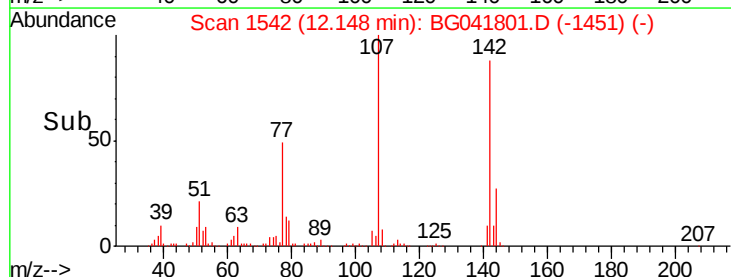
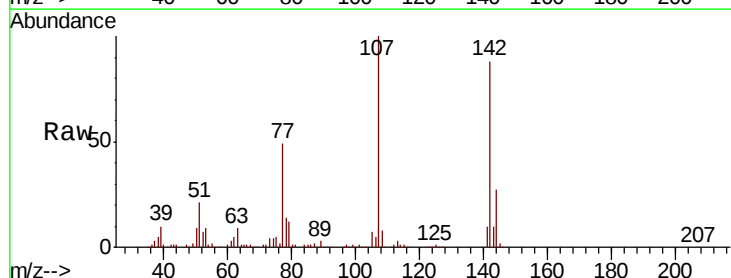
Tgt Ion: 107 Resp: 259276

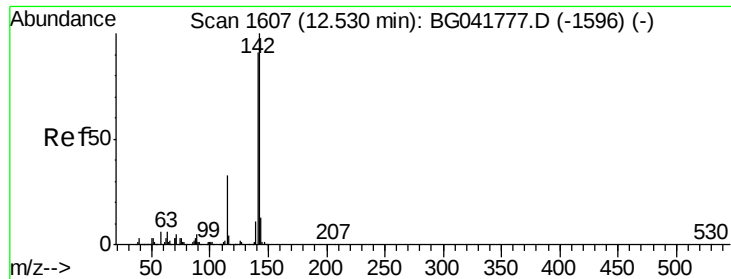
Ion Ratio Lower Upper

107 100

144 27.5 22.2 33.2

142 87.9 67.3 100.9





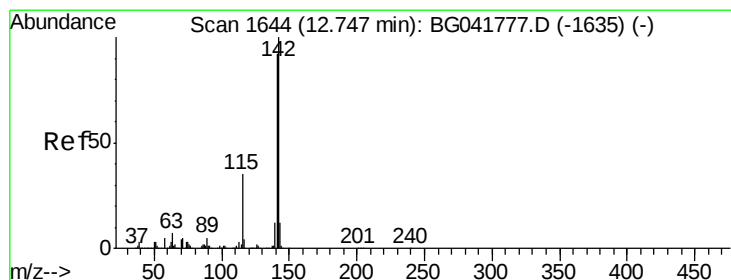
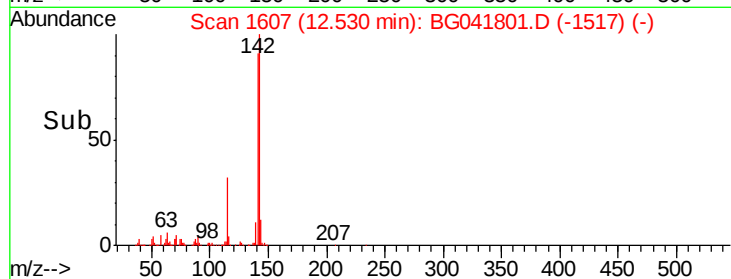
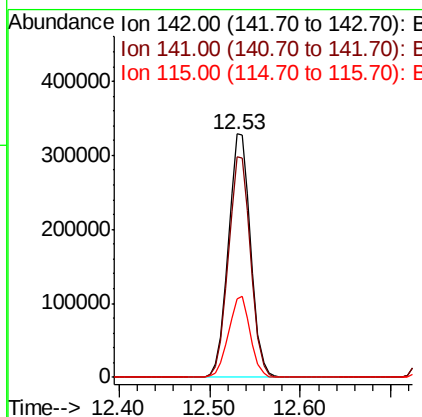
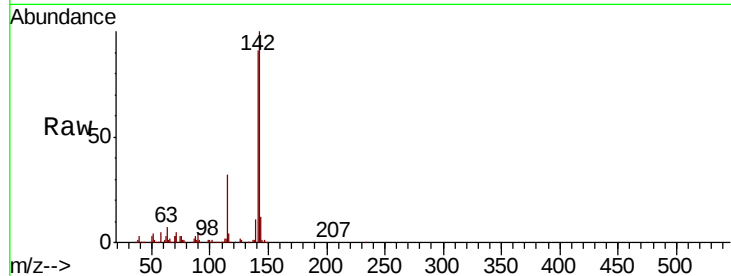
#37
2-Methylnaphthalene
Concen: 41.559 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.7	109.1
115	32.4	27.0	40.4

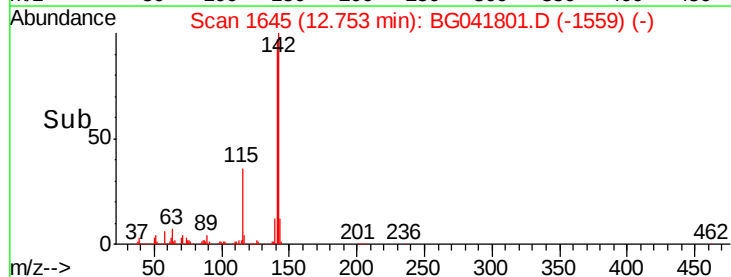
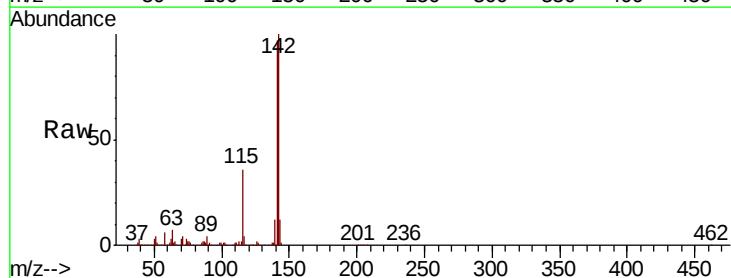
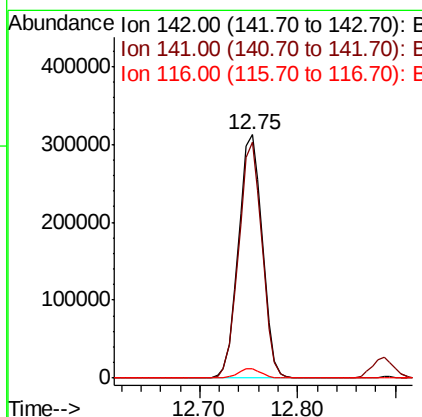
Manual Integrations
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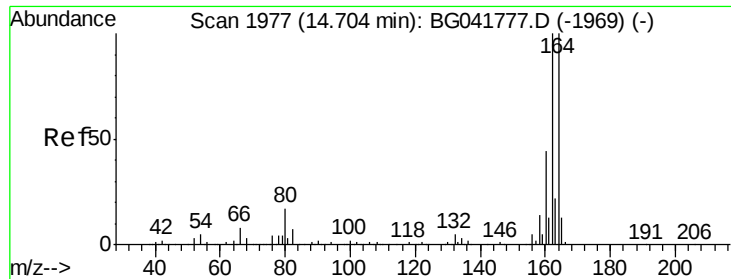
mohammad
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#38
1-Methylnaphthalene
Concen: 41.625 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.4	113.2
116	3.9	3.2	4.8





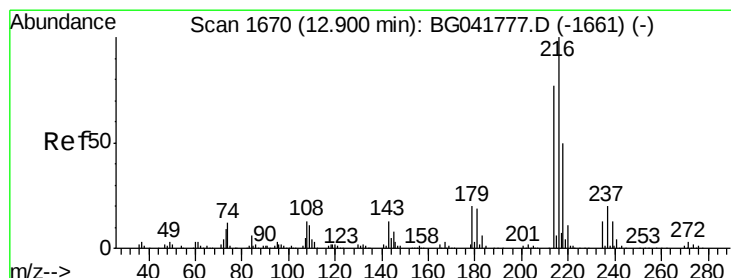
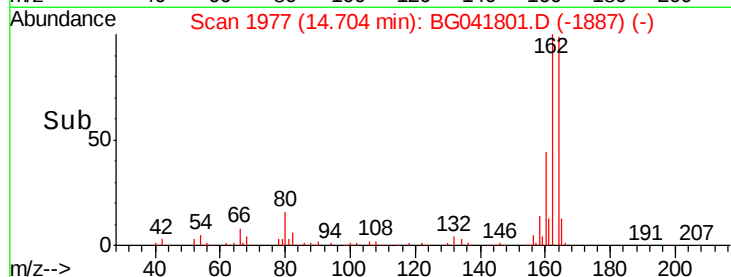
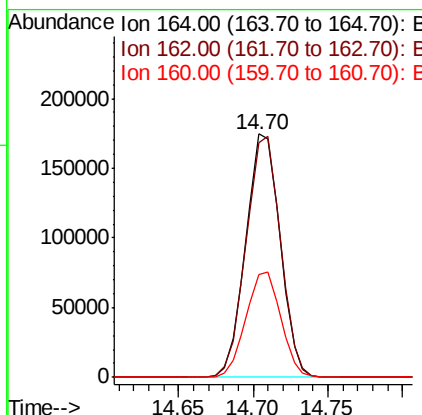
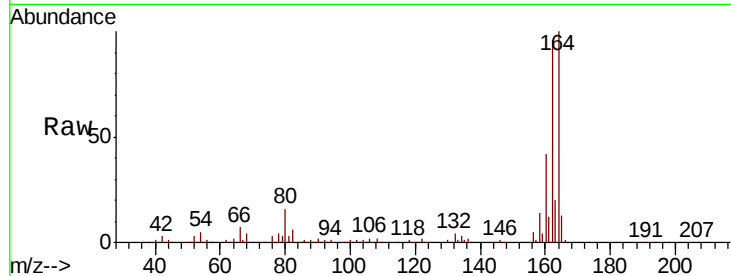
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	79.6	119.4
160	42.2	35.4	53.0

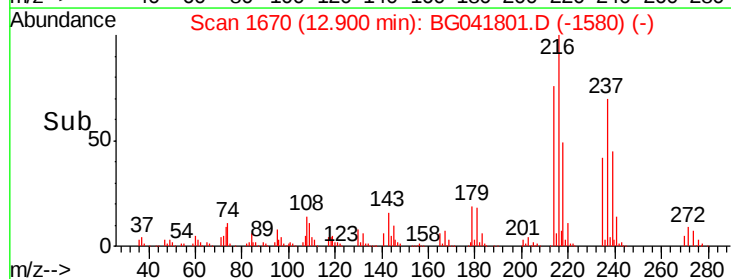
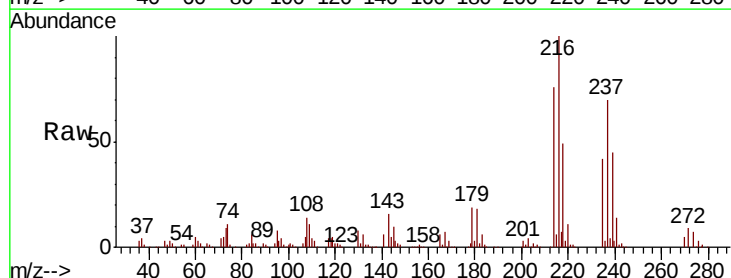
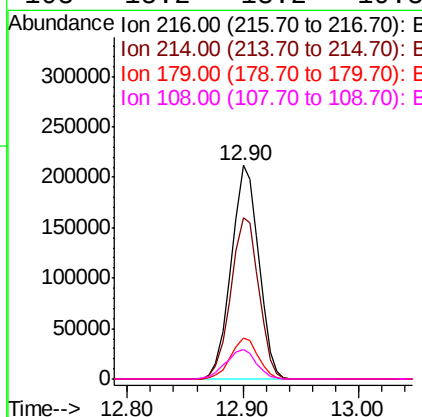
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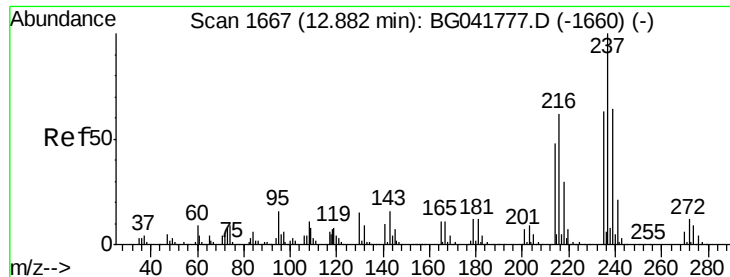
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.602 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.5	92.3
179	19.3	16.2	24.2
108	15.2	13.2	19.8





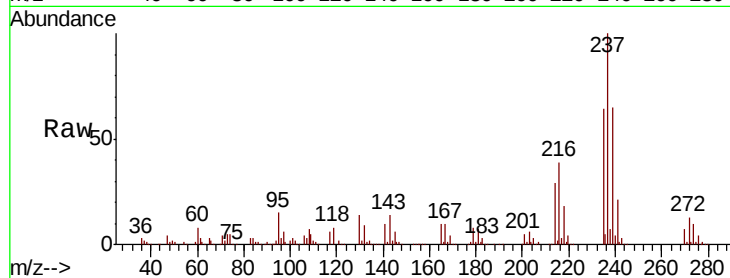
#41
Hexachlorocyclopentadiene
Concen: 84.522 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	418454		
235	64.2	43.5	83.5	
272	13.2	0.0	31.2	

Manual Integrations
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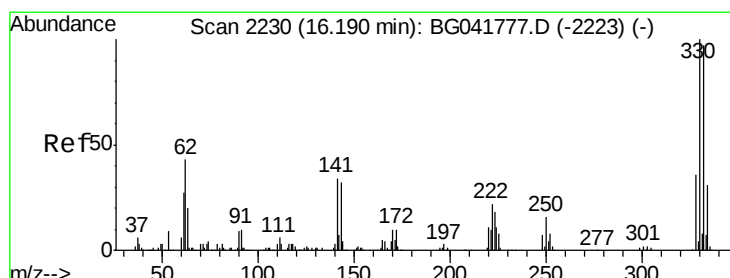
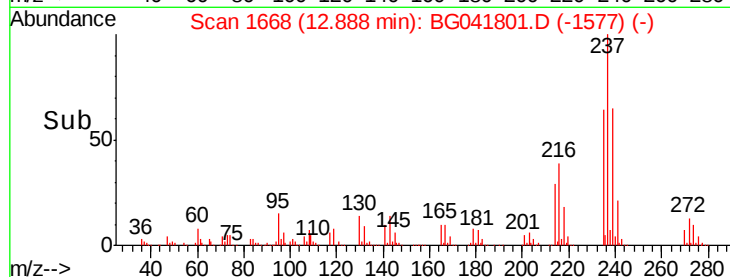
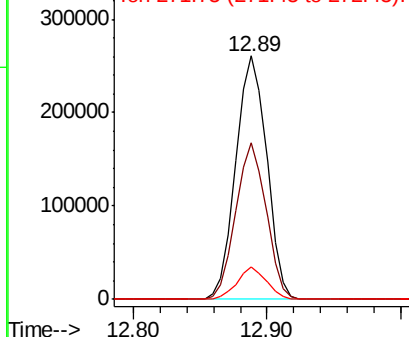


Abundance

Ion 236.80 (236.50 to 237.50): E

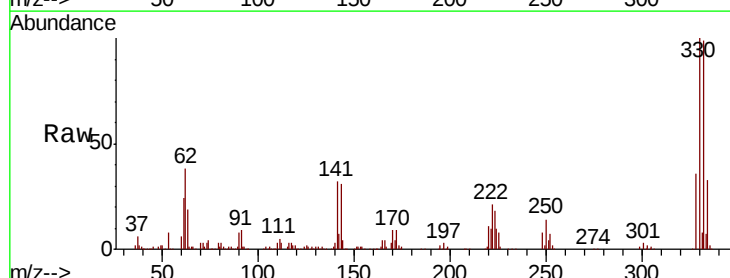
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 140.438 ng
RT: 16.20 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	443754		
332	97.0	77.4	116.0	
141	33.0	31.9	47.9	

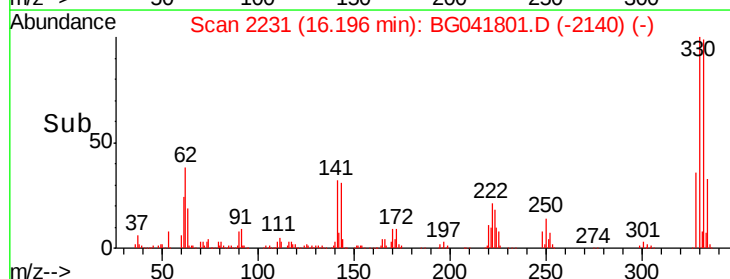
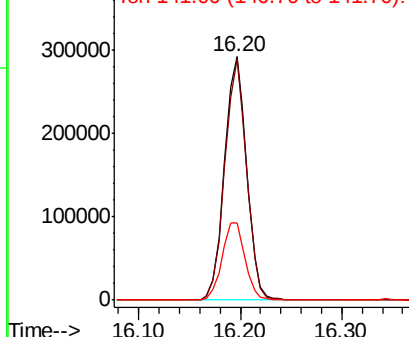


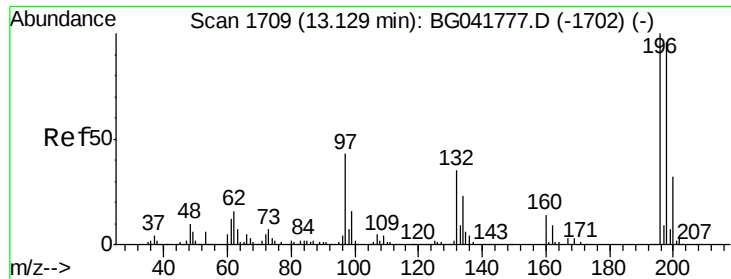
Abundance

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





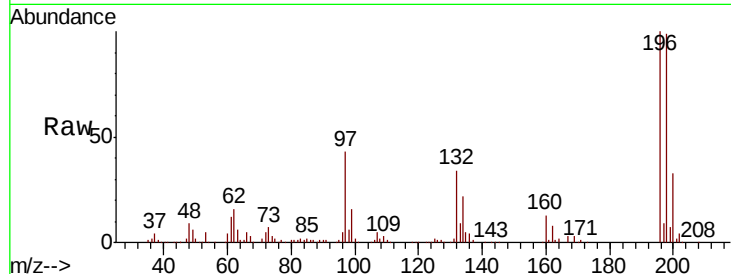
#43
 2,4,6-Trichlorophenol
 Concen: 42.770 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238040		
198	99.2	79.6	119.4	
200	33.3	25.2	37.8	

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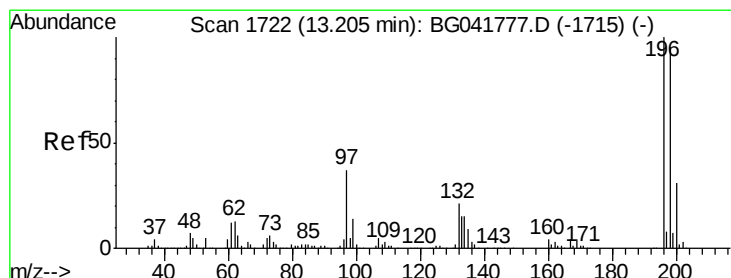
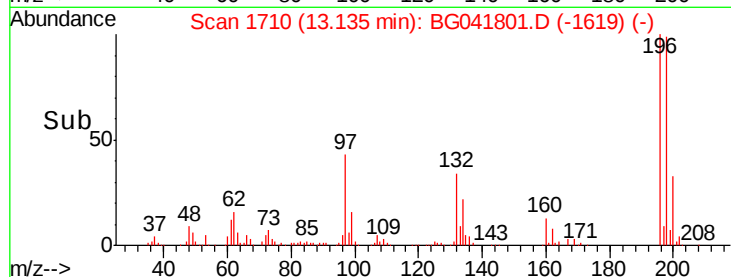
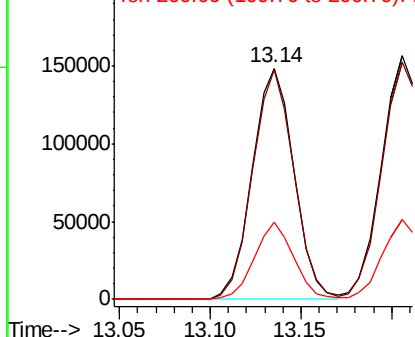


Abundance

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: 45.215 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261509		
198	97.5	80.6	121.0	
97	37.1	33.9	50.9	
132	22.1	20.2	30.2	

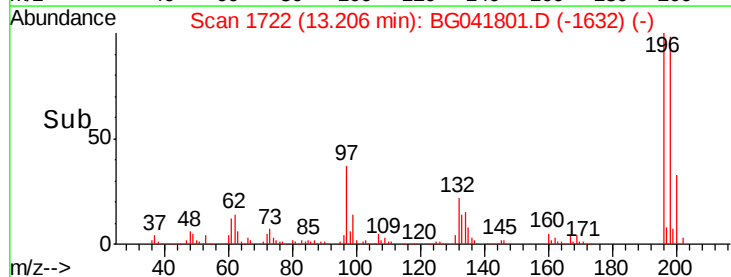
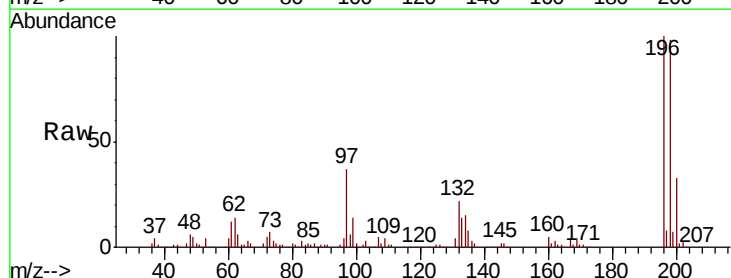
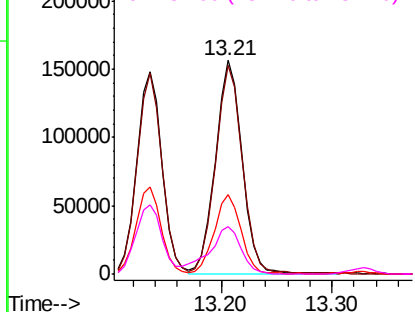
Abundance

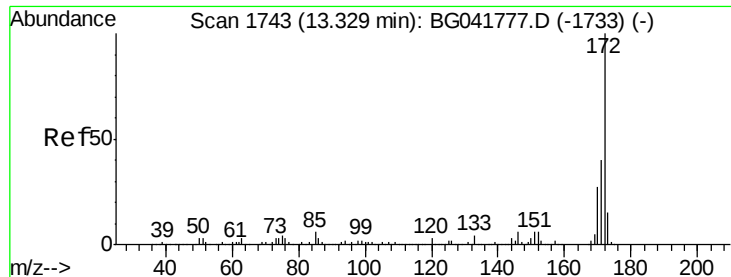
Ion 196.00 (195.70 to 196.70): E

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





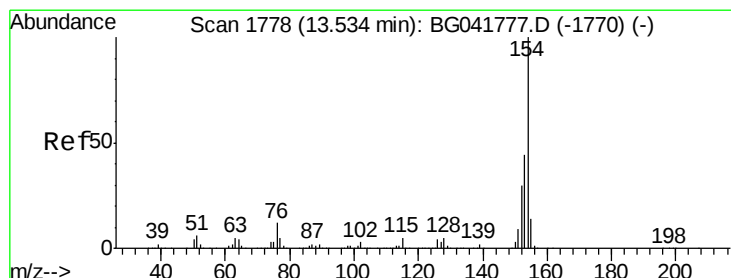
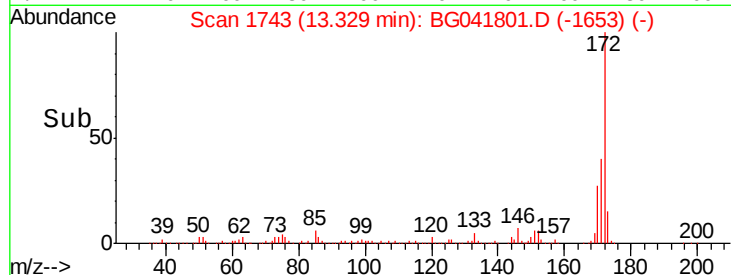
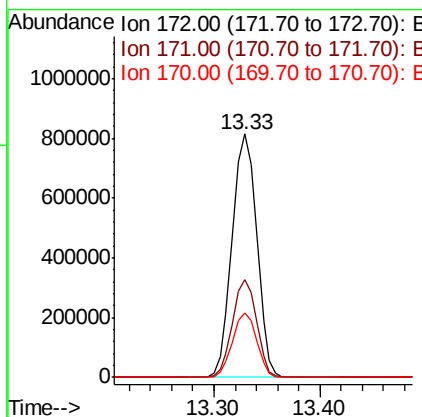
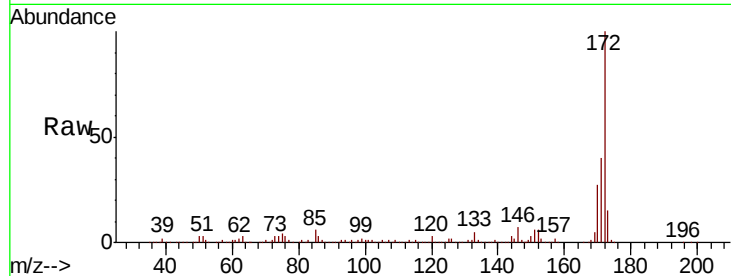
#45
2-Fluorobiphenyl
Concen: 83.083 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	35.0	52.4
170	26.7	23.5	35.3

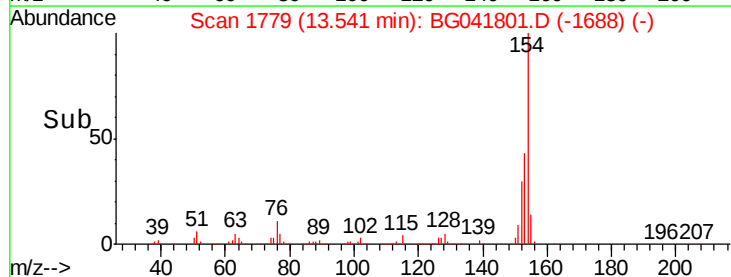
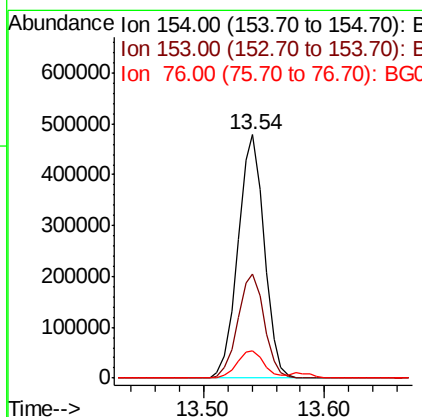
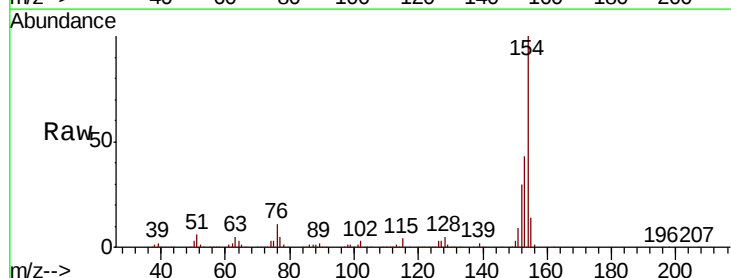
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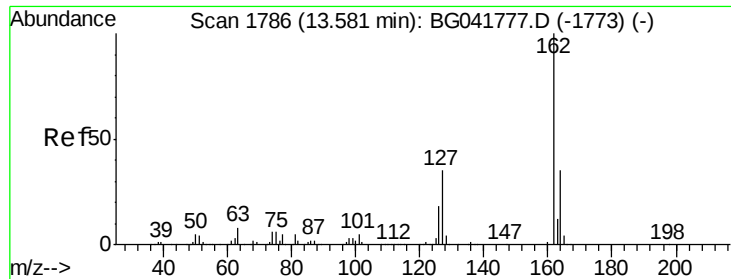
mohammad
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#46
1,1'-Biphenyl
Concen: 40.544 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	25.0	65.0
76	11.2	0.0	34.5





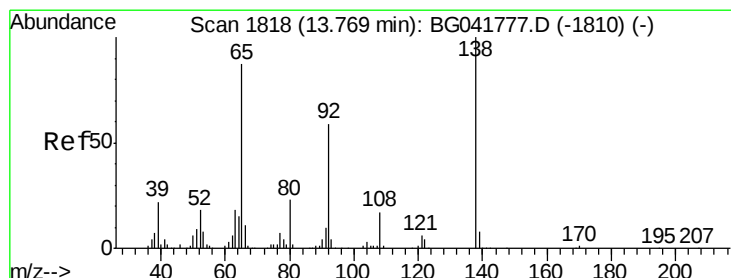
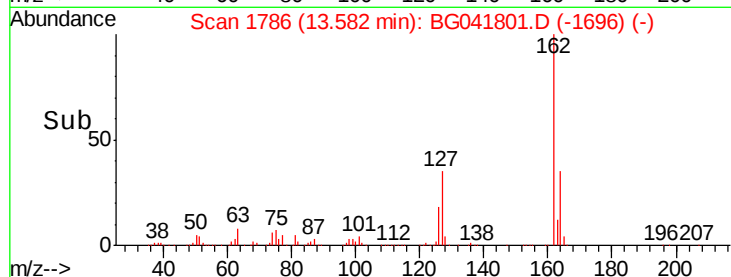
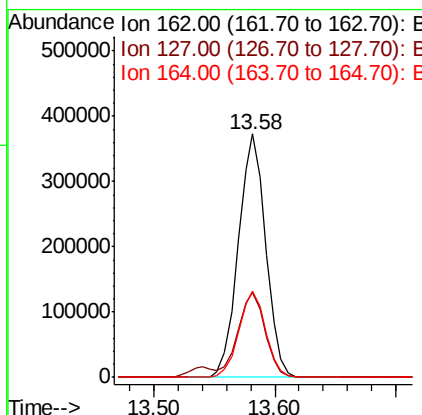
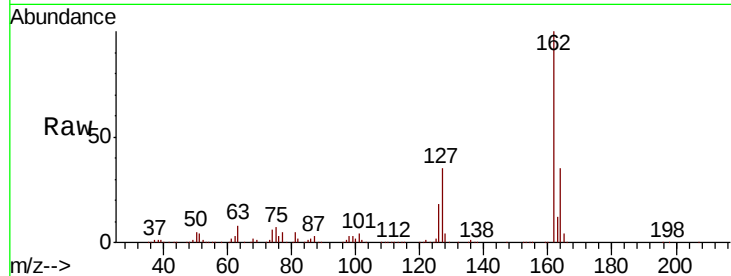
#47
2-Chloronaphthalene
Concen: 38.579 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	587360		
127	34.7		30.4	45.6
164	35.2		28.6	42.8

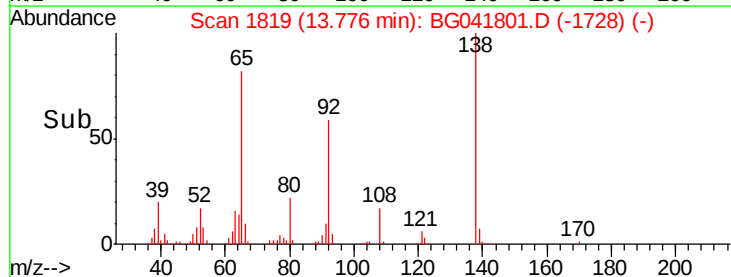
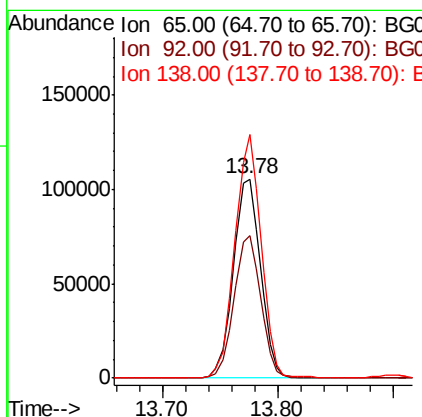
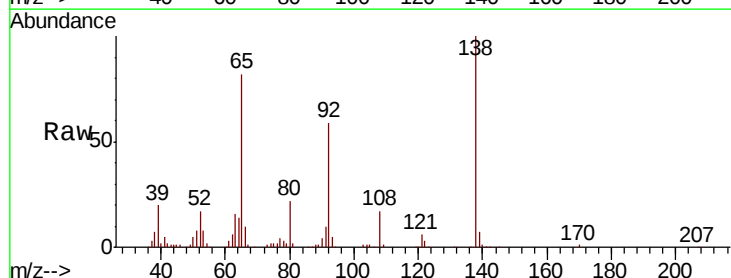
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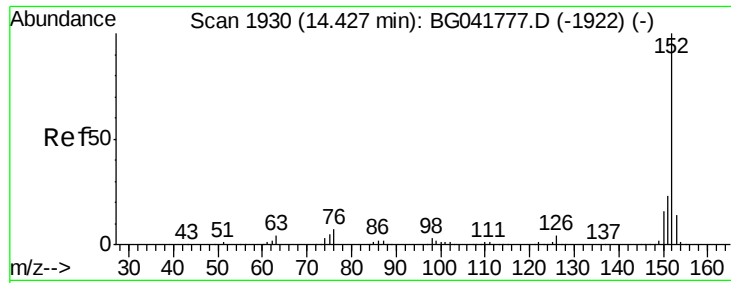
mohammad
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#48
2-Nitroaniline
Concen: 44.540 ng
RT: 13.78 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	171985		
92	71.8		53.9	80.9
138	122.2		83.5	125.3





#49

Acenaphthylene

Concen: 41.486 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

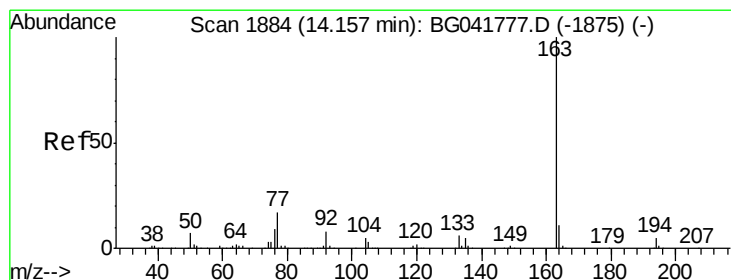
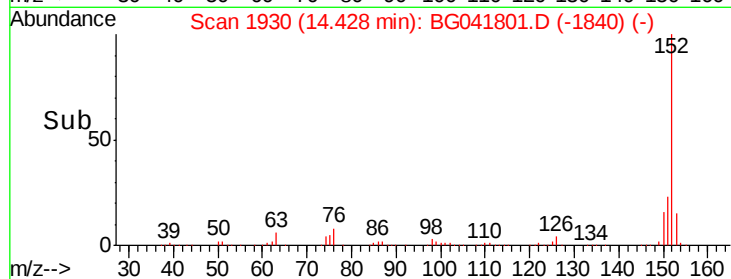
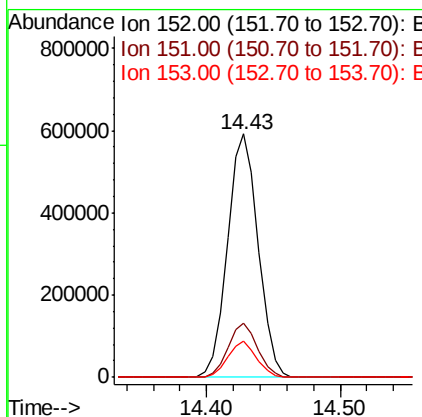
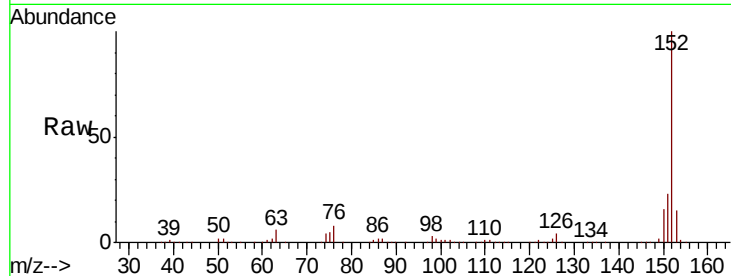
ClientSampleId :

PB121801BS

Tot Ion:	152	Resp:	944809
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.7	28.1
153	14.7	12.4	18.6

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#50

Dimethylphthalate

Concen: 42.057 ng

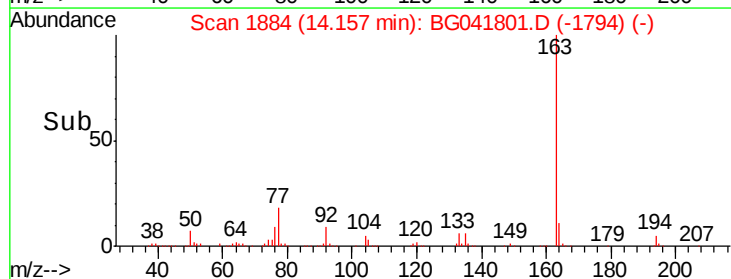
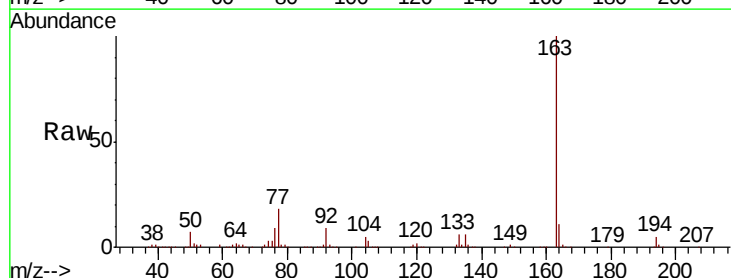
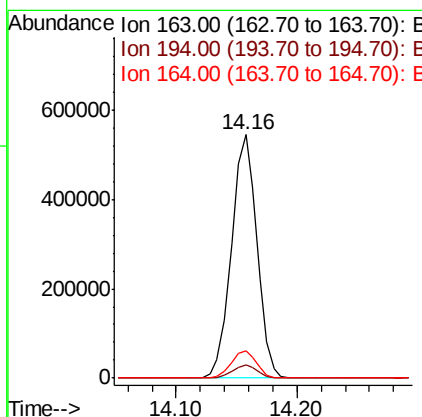
RT: 14.16 min Scan# 1884

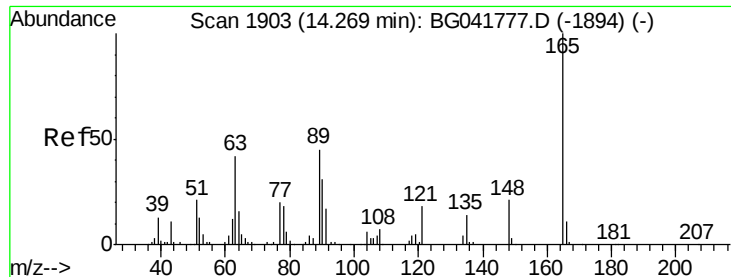
Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion:	163	Resp:	799020
Ion Ratio	Lower	Upper	
163	100		
194	5.3	4.2	6.2
164	11.2	9.4	14.2





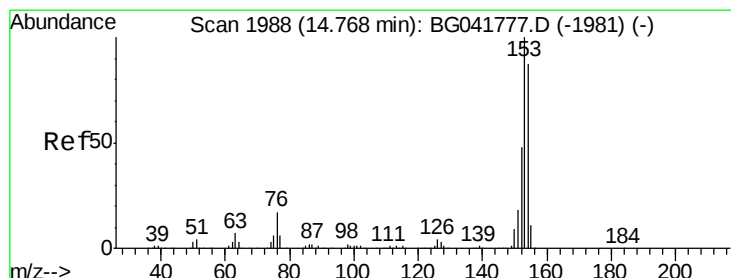
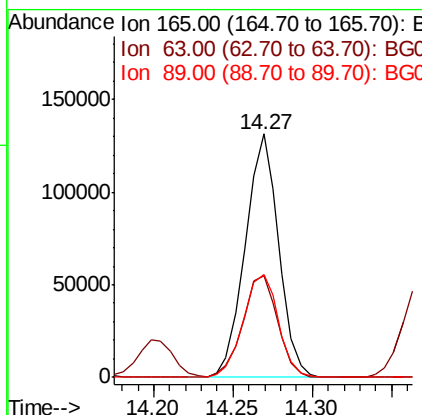
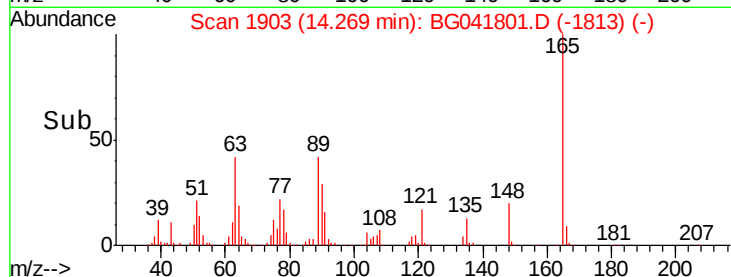
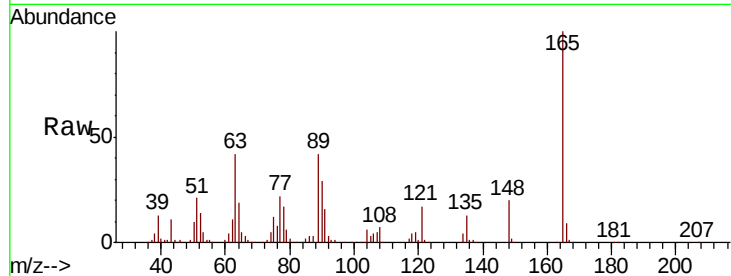
#51
2,6-Dinitrotoluene
Concen: 48.361 ng
RT: 14.27 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.9	42.4	63.6#
89	42.0	42.1	63.1#

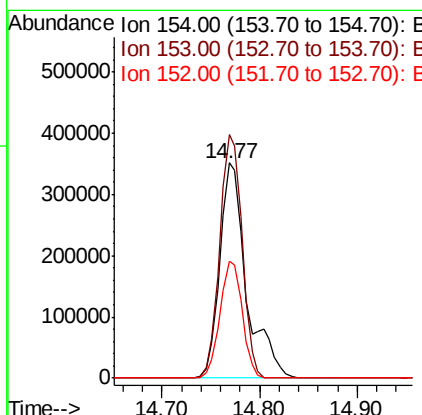
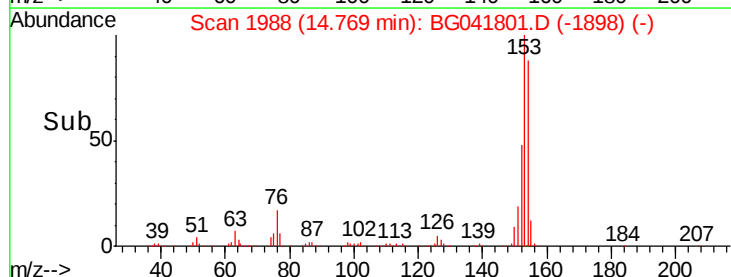
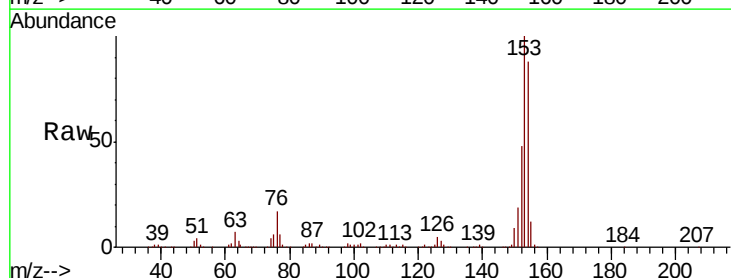
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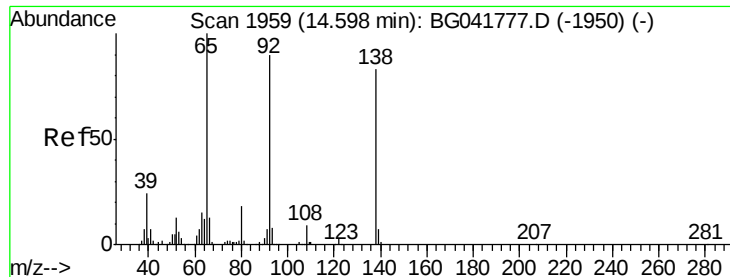
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#52
Acenaphthene
Concen: 45.122 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.1	89.8	134.6
152	54.4	44.9	67.3





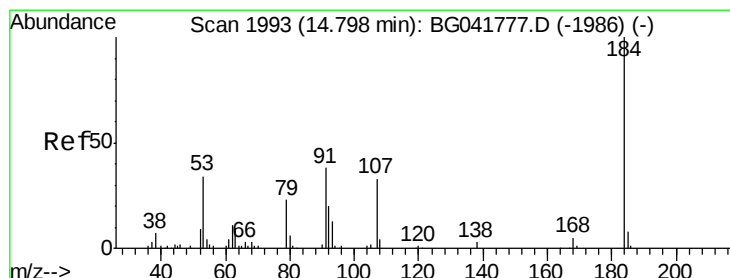
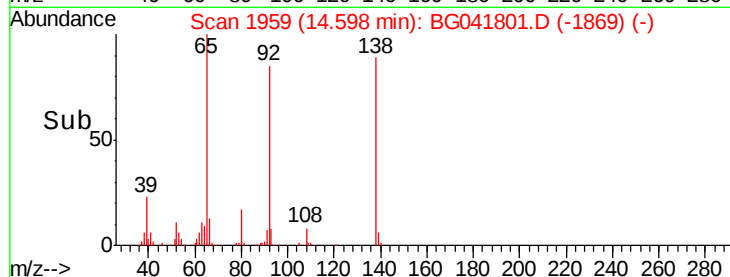
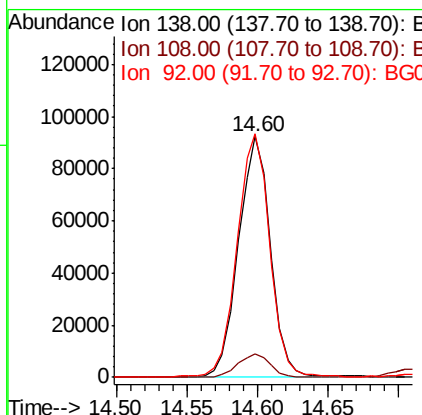
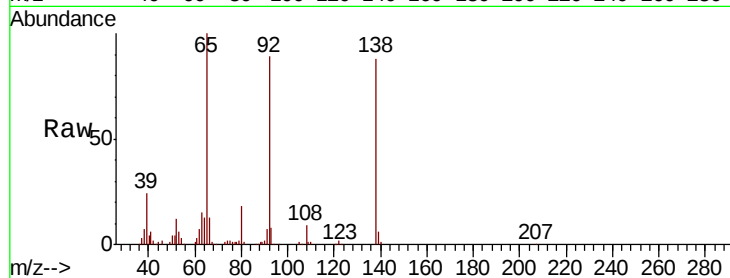
#53
3-Nitroaniline
Concen: 34.277 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	10.3	15.5#
92	101.1	93.0	139.4

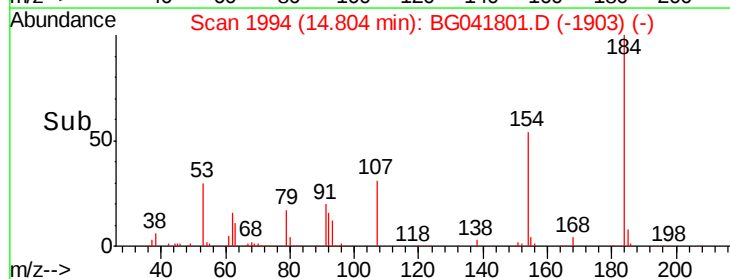
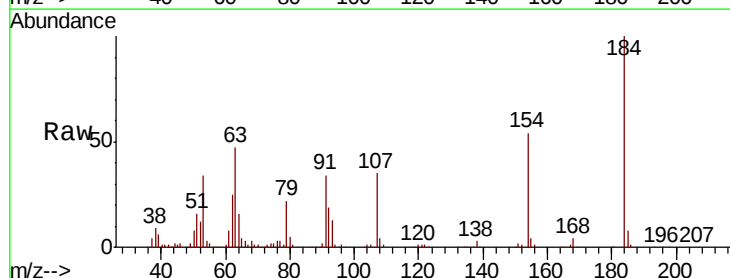
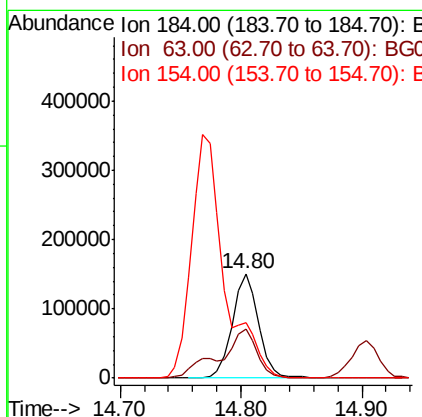
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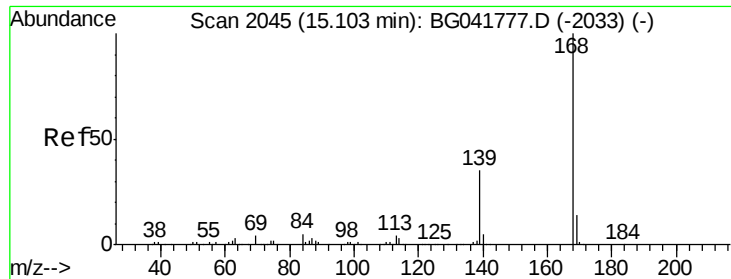
mohammad
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#54
2,4-Dinitrophenol
Concen: 89.951 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.1	43.2	64.8
154	53.5	51.4	77.2





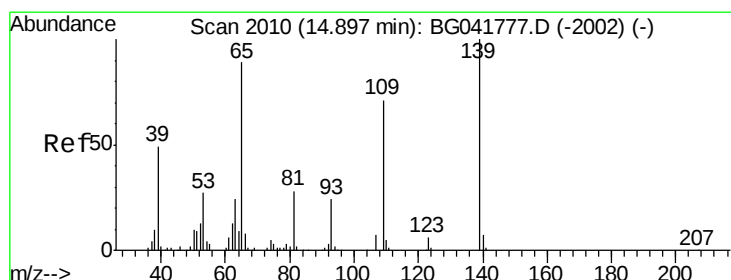
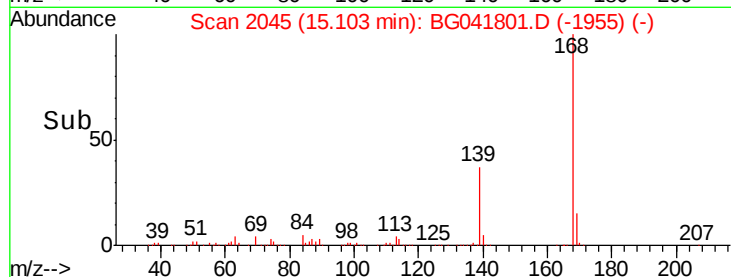
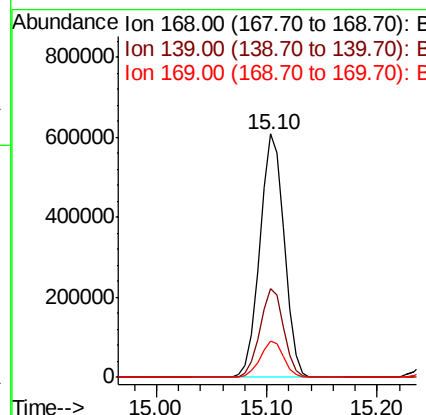
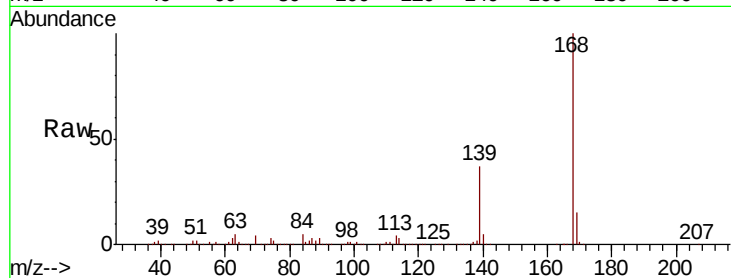
#55
Dibenzenofuran
Concen: 41.504 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.9	47.9
169	14.9	12.5	18.7

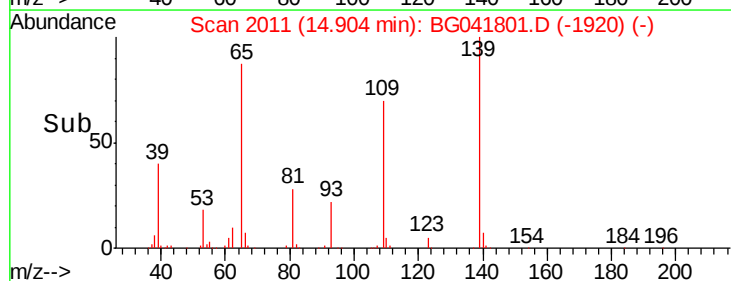
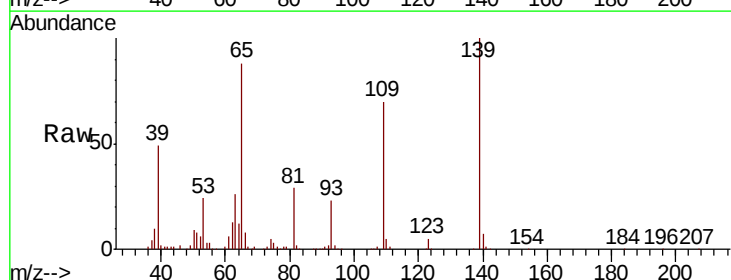
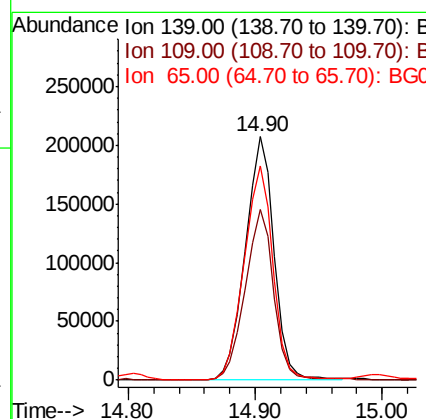
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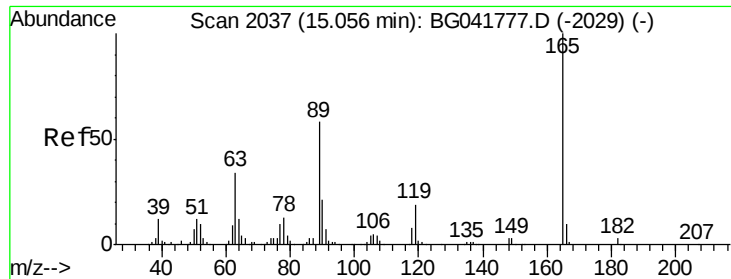
mohammad
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#56
4-Nitrophenol
Concen: 101.094 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	51.3	91.3
65	88.0	77.6	117.6





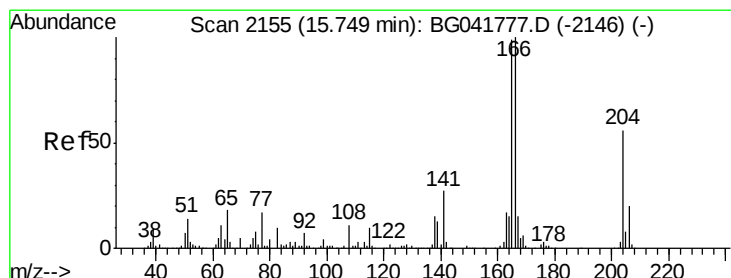
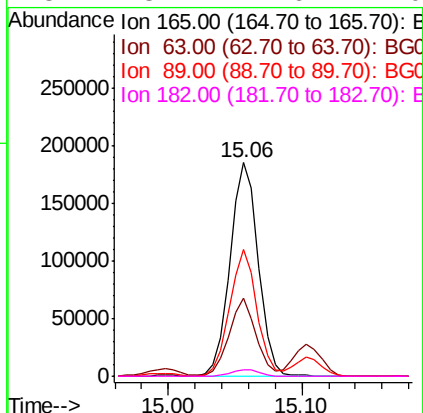
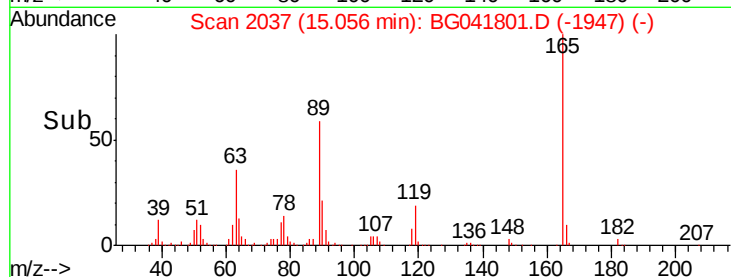
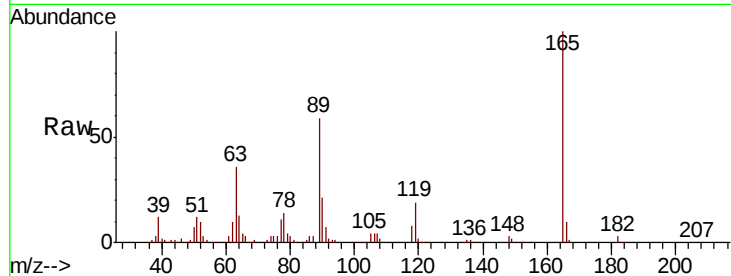
#57
 2,4-Dinitrotoluene
 Concen: 49.845 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.4	31.7	47.5
89	59.2	50.2	75.4
182	3.1	2.6	4.0

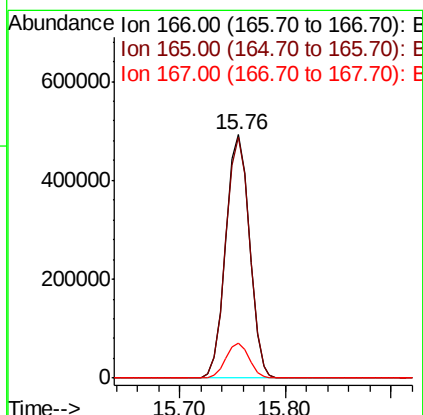
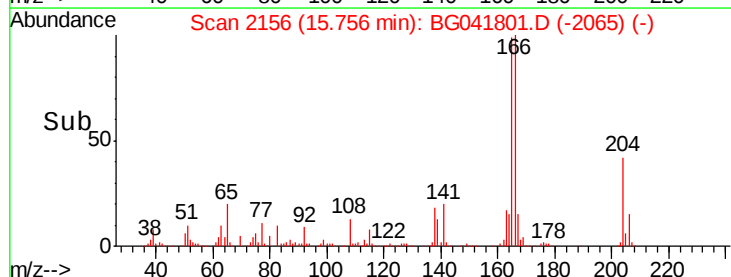
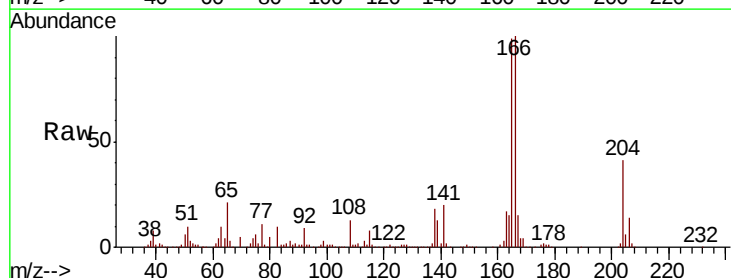
Manual Integrations
 APPROVED

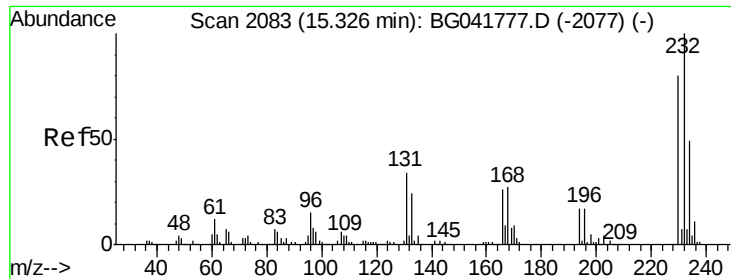
mohammad
 8/1/2019 5:04:53 PM



#58
 Fluorene
 Concen: 42.171 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.5	120.7
167	14.6	12.4	18.6





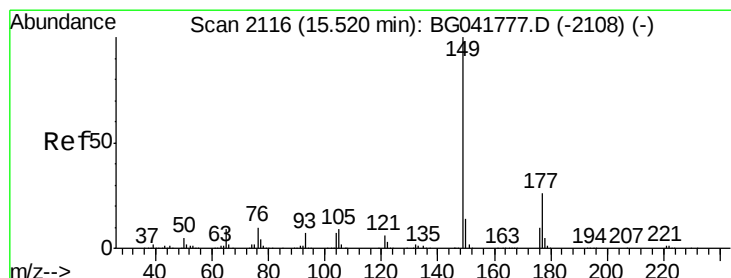
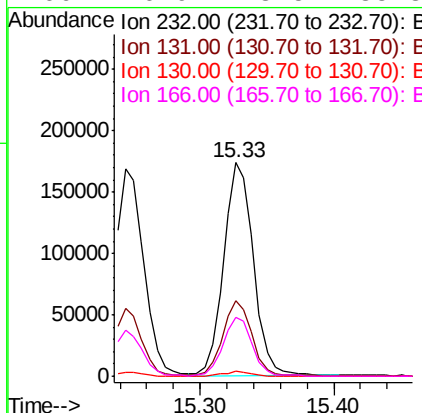
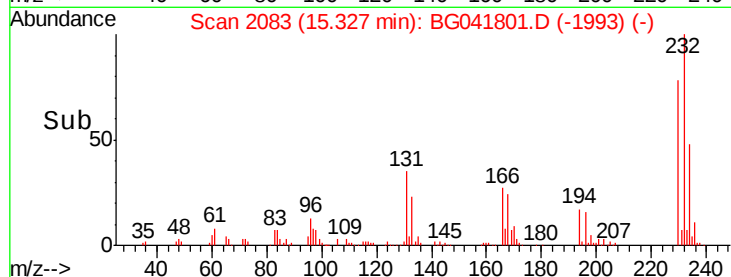
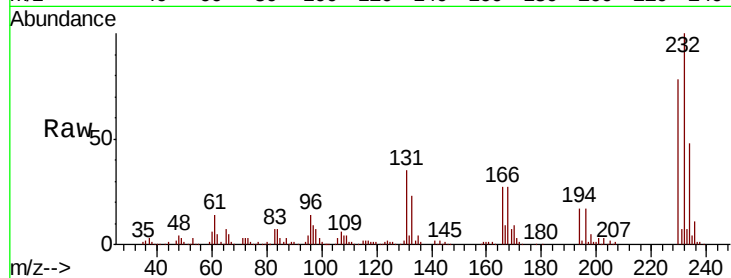
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.355 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.8	31.8	47.6
130	1.9	1.8	2.8
166	26.9	23.5	35.3

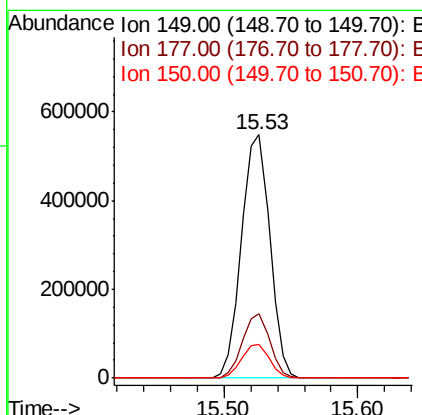
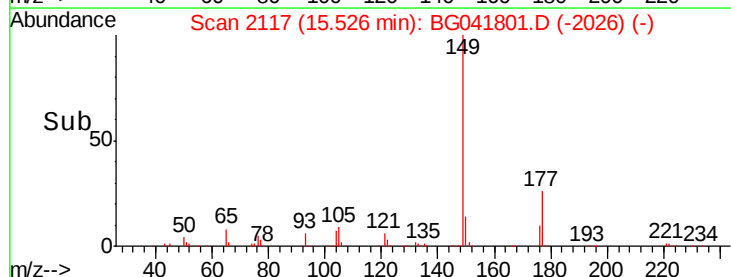
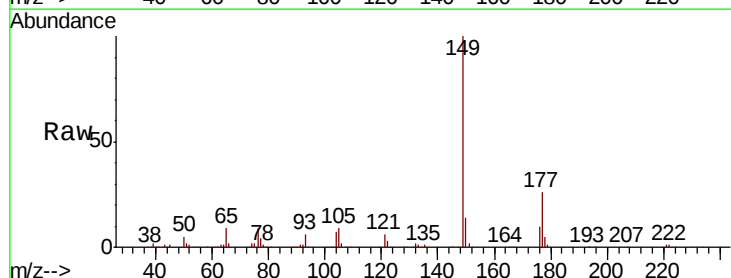
Manual Integrations
APPROVED

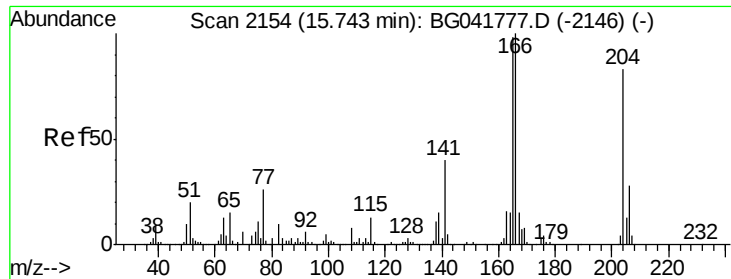
mohammad
8/1/2019 5:04:53 PM



#60
Diethylphthalate
Concen: 43.337 ng
RT: 15.53 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.3	20.7	31.1
150	13.8	11.5	17.3





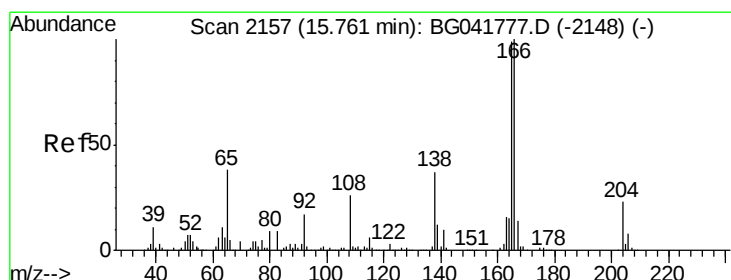
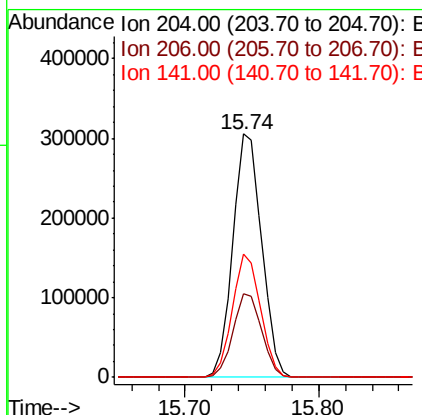
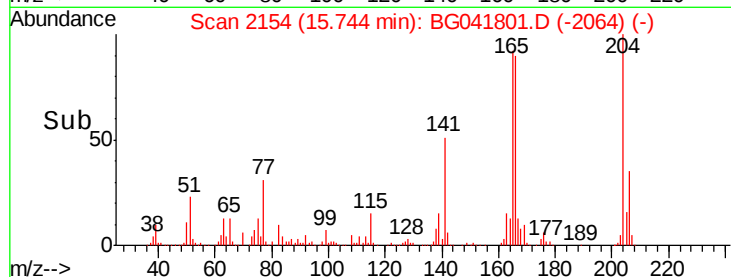
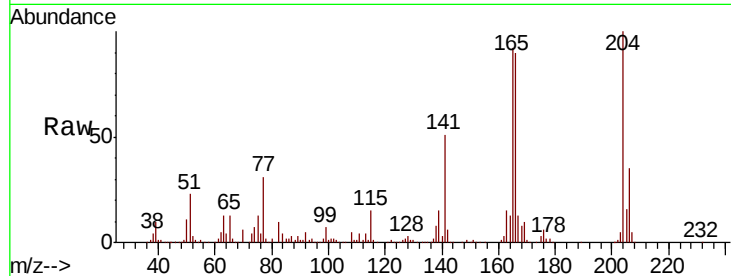
#61
4-Chlorophenyl-phenylether
Concen: 41.314 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.6	42.8
141	50.6	42.9	64.3

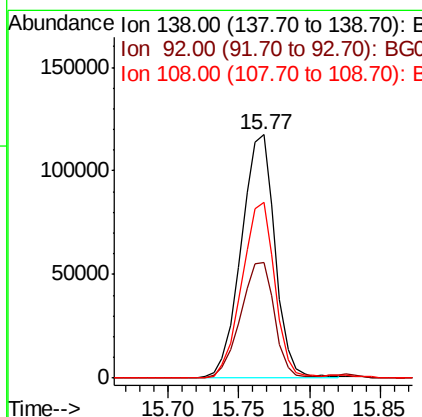
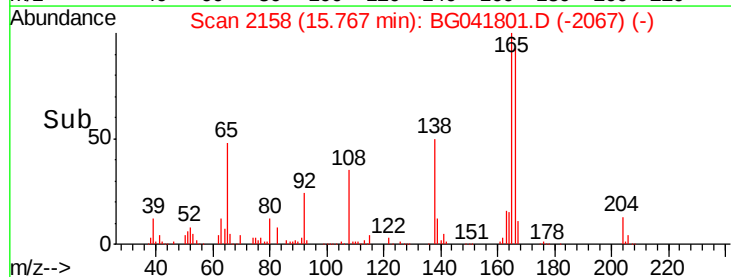
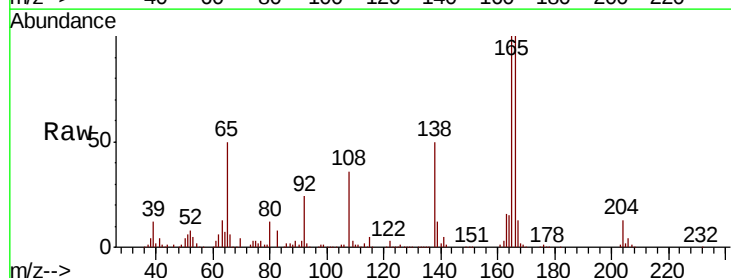
Manual Integrations
APPROVED

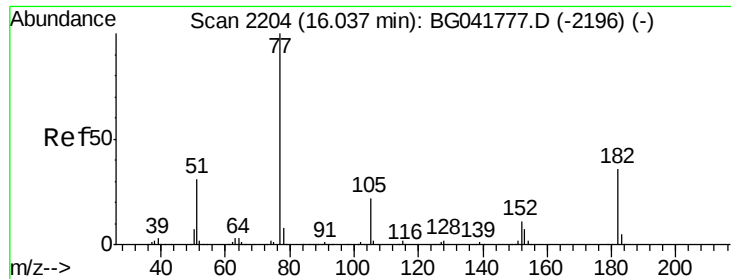
mohammad
8/1/2019 5:04:53 PM



#62
4-Nitroaniline
Concen: 42.773 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.8	69.8
108	72.2	52.2	92.2





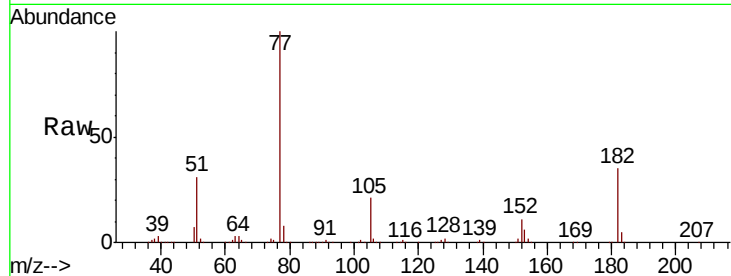
#63
Azobenzene
Concen: 41.859 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	34.7	13.2	53.2
105	105	20.7	2.2	42.2
51	51	31.0	14.6	54.6

Manual Integrations
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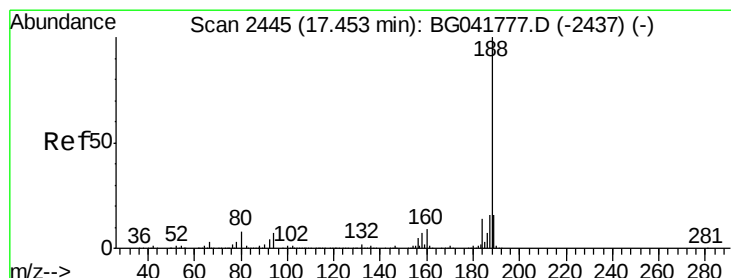
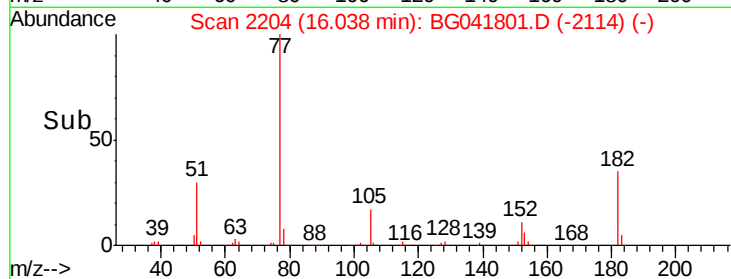
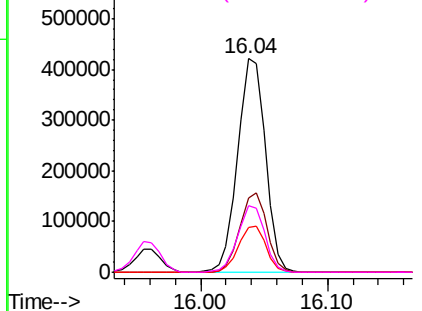
Abundance

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: BG041801.D
Acq: 30 Jul 2019 14:42

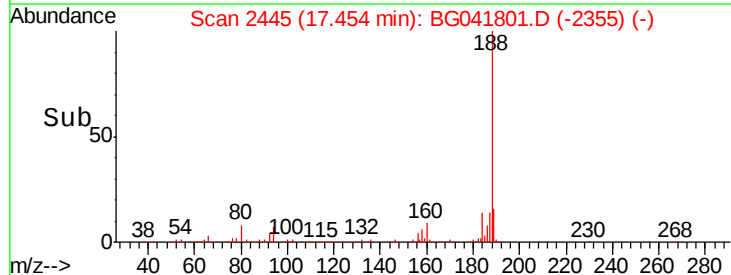
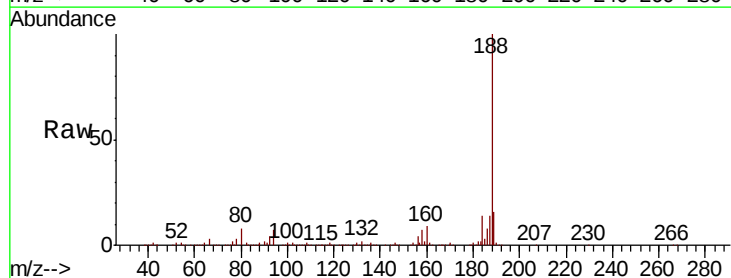
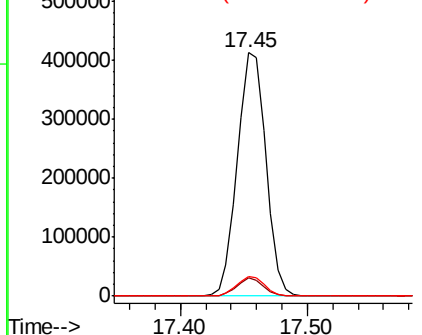
Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	7.3	6.9	10.3
80	80	8.1	8.0	12.0

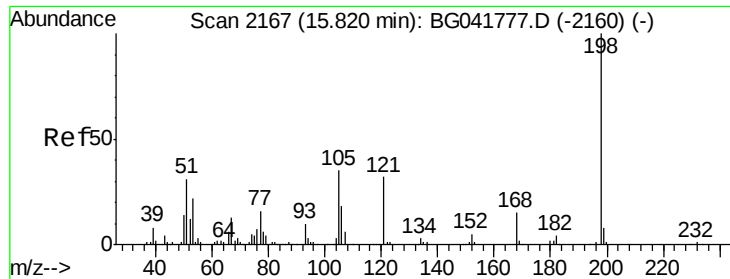
Abundance

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





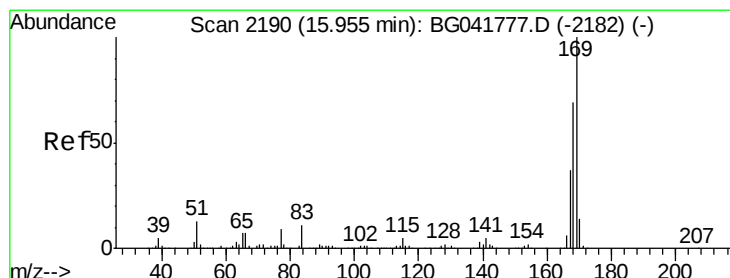
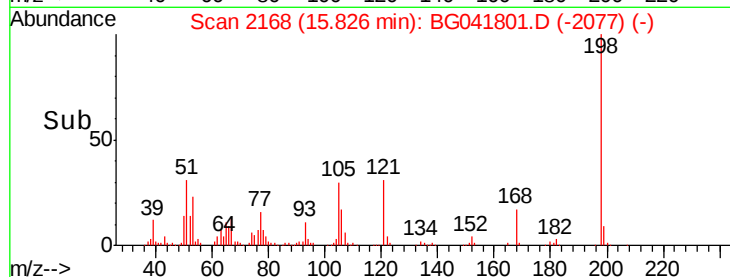
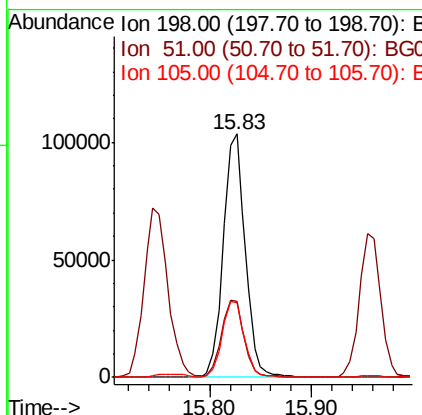
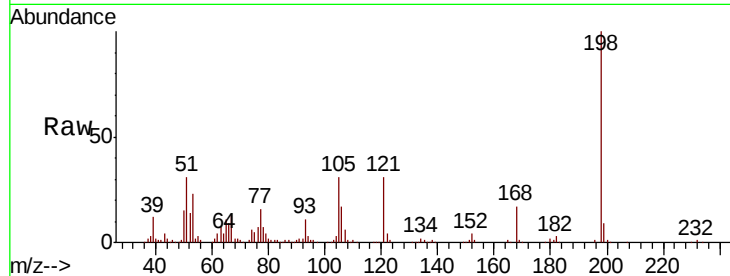
#65
4,6-Dinitro-2-methylphenol
Concen: 49.140 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	155518		
51	31.1	22.3	62.3	
105	30.6	18.0	58.0	

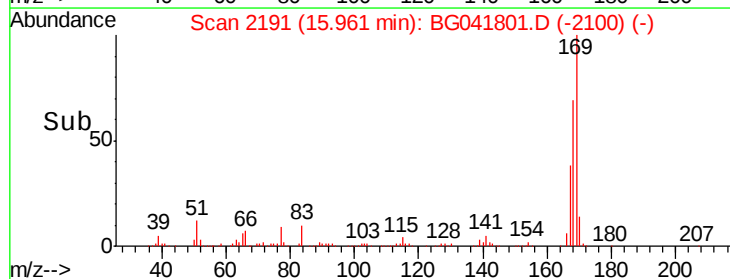
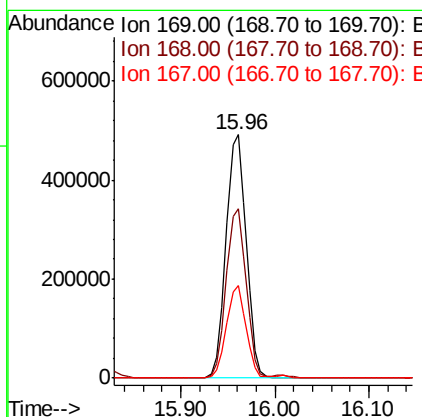
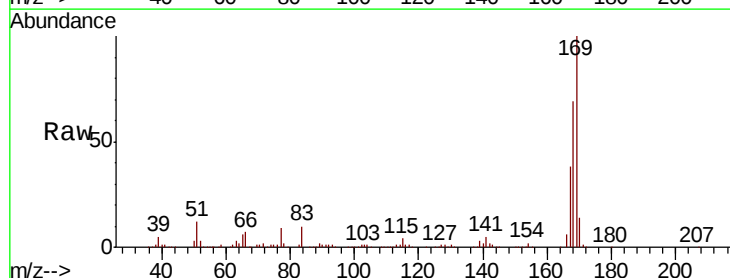
Manual Integrations
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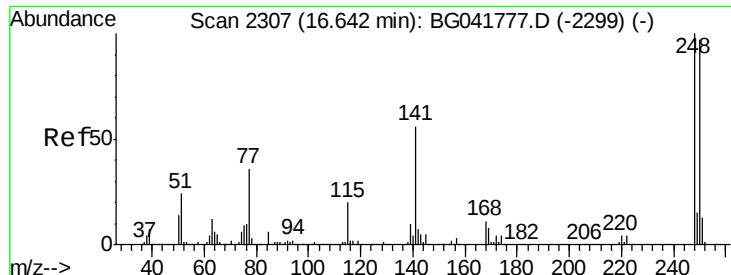
mohammad
8/1/2019 5:04:53 PM



#66
n-Nitrosodiphenylamine
Concen: 41.859 ng
RT: 15.96 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	734448		
168	69.5	56.9	85.3	
167	37.9	31.5	47.3	





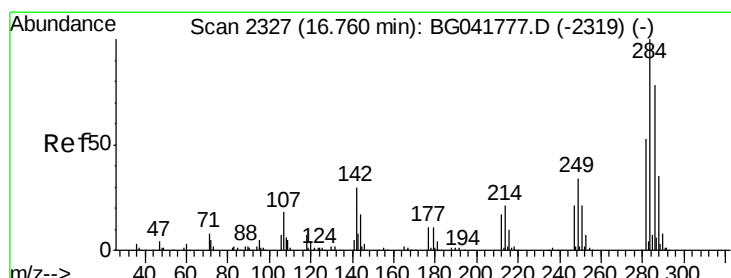
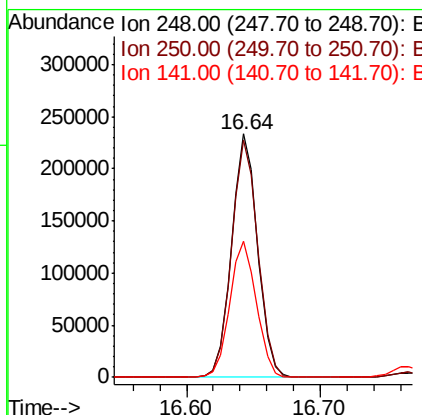
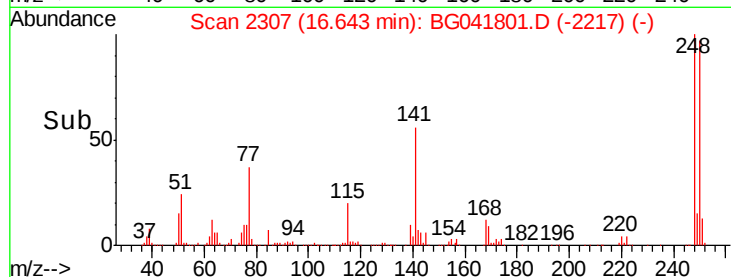
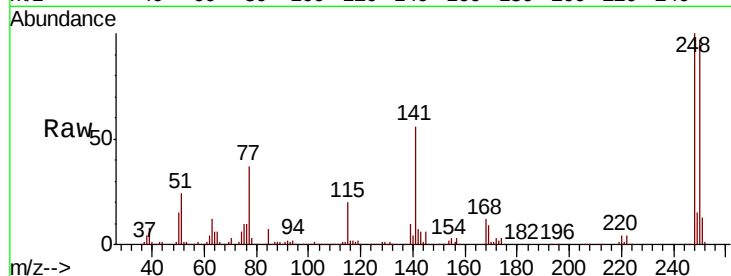
#67
4-Bromophenyl-phenylether
Concen: 39.875 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.1	117.1
141	55.9	49.6	74.4

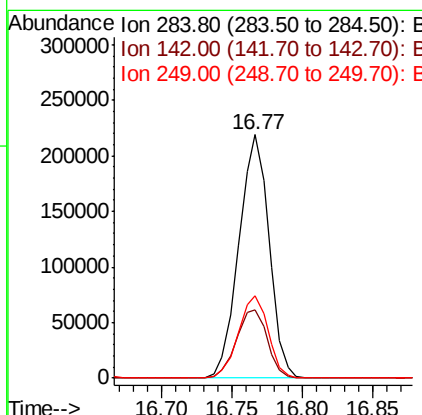
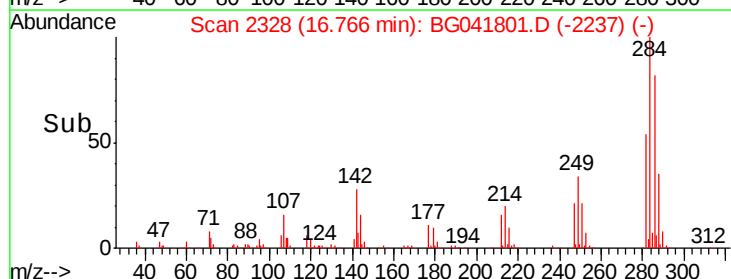
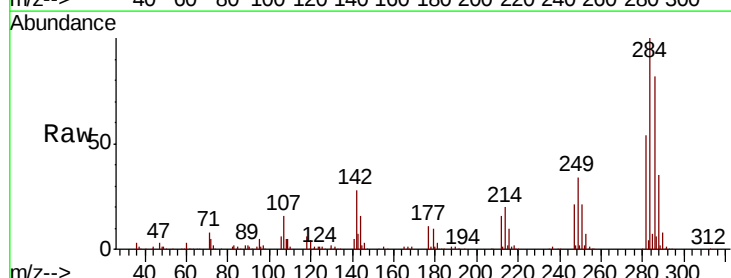
Manual Integrations
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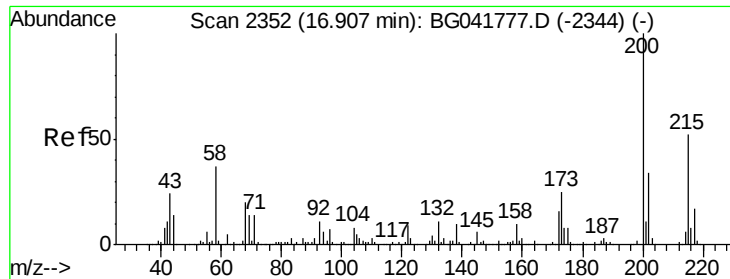
mohammad
8/1/2019 5:04:53 PM



#68
Hexachlorobenzene
Concen: 39.380 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	27.0	40.6
249	34.0	28.4	42.6





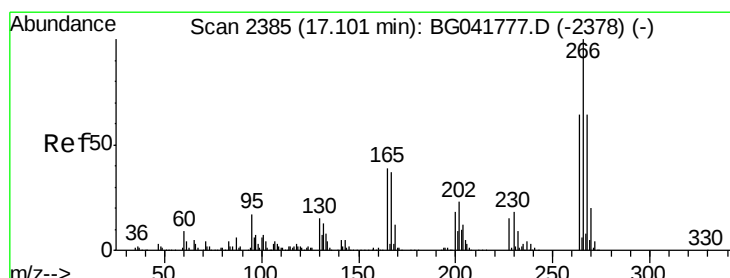
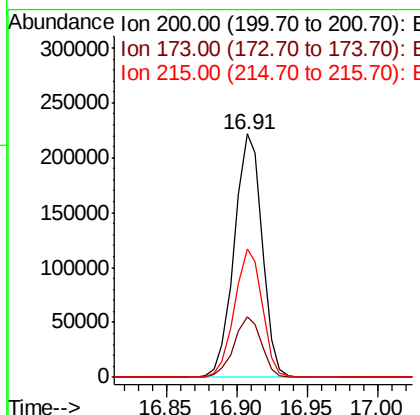
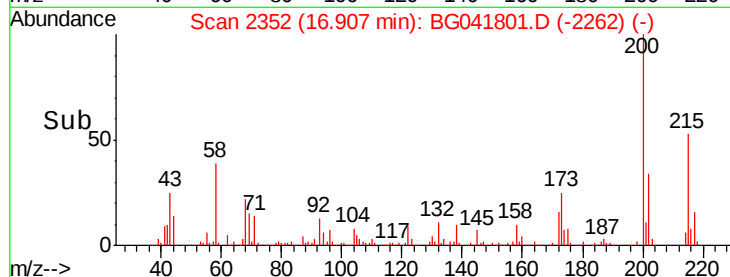
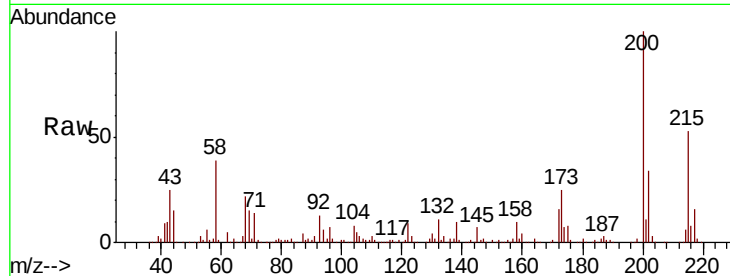
#69
Atrazine
Concen: 44.308 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	305450		
173	24.8	5.3	45.3	
215	52.6	31.8	71.8	

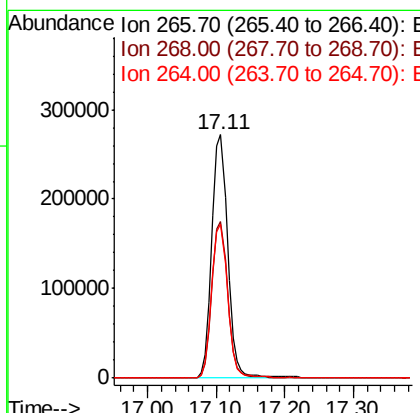
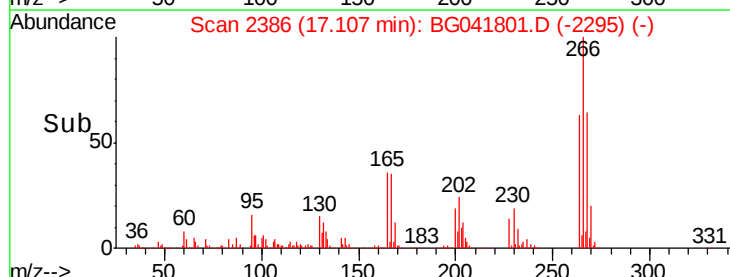
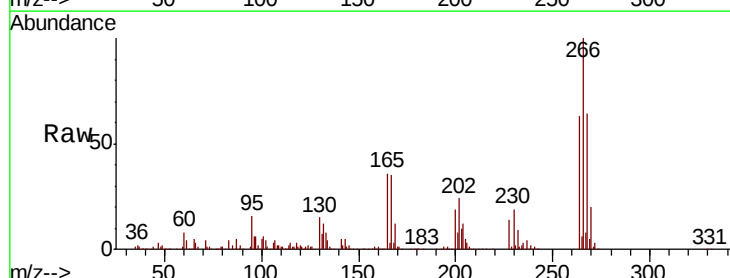
Manual Integrations
APPROVED

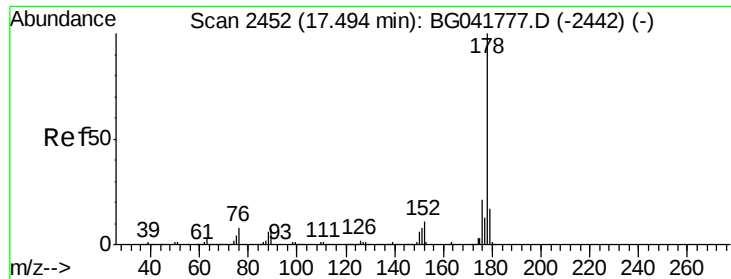
mohammad
8/1/2019 5:04:53 PM



#70
Pentachlorophenol
Concen: 93.978 ng
RT: 17.11 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	443158		
268	64.3	52.9	79.3	
264	63.3	51.4	77.2	





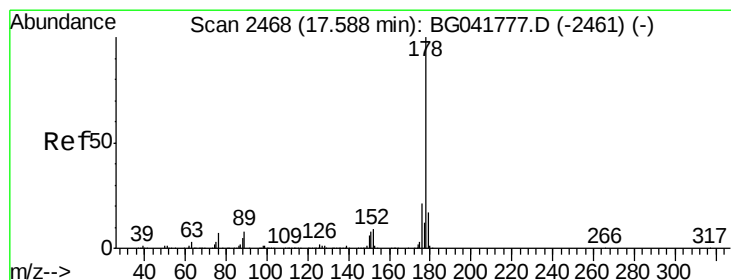
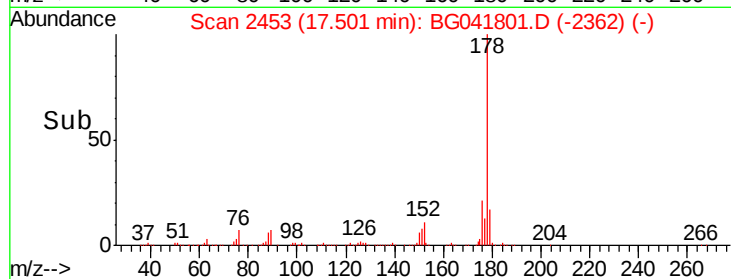
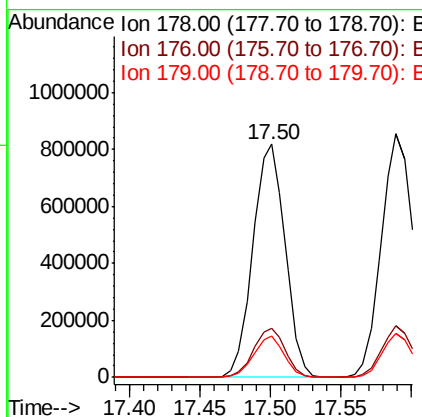
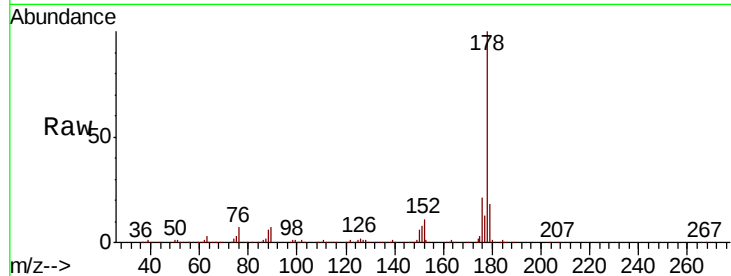
#71
Phenanthrene
Concen: 42.594 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion:178 Resp: 1315090
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 17.5 15.4 23.0

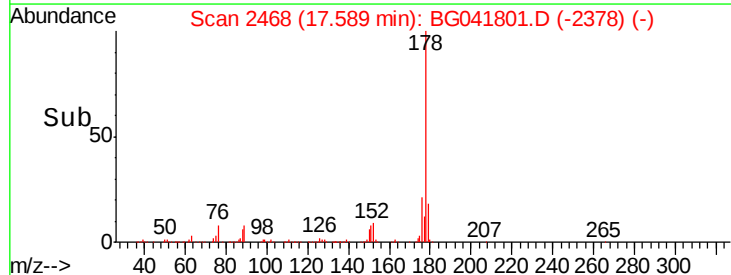
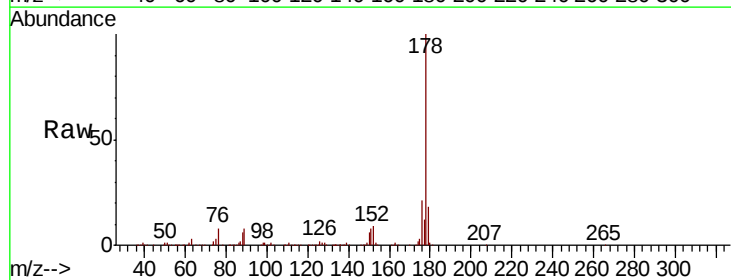
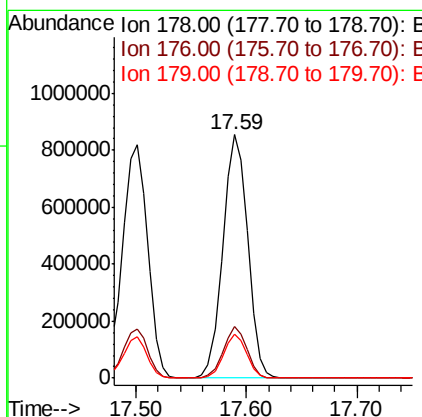
Manual Integrations
APPROVED

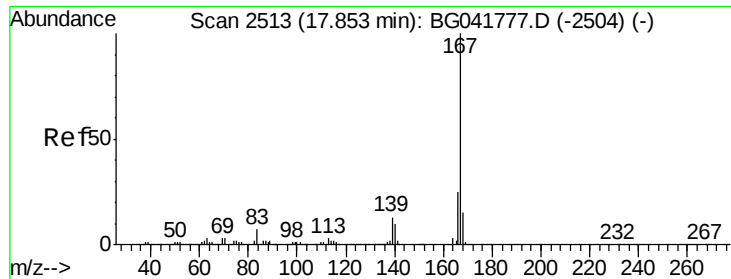
mohammad
8/1/2019 5:04:53 PM



#72
Anthracene
Concen: 43.520 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:178 Resp: 1340119
Ion Ratio Lower Upper
178 100
176 21.0 18.6 28.0
179 18.2 15.1 22.7





#73

Carbazole

Concen: 43.672 ng

RT: 17.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

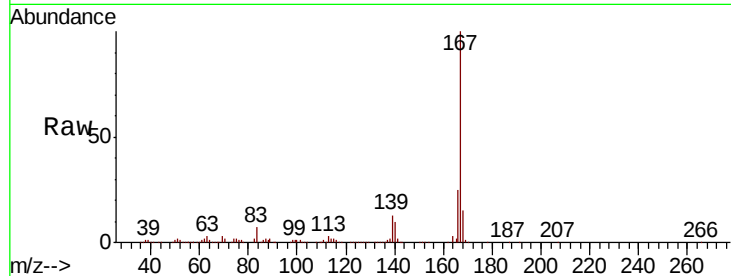
ClientSampleId :

PB121801BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	21.4	32.2
139	13.2	12.1	18.1

Manual Integrations
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mohammad
8/1/2019 5:04:53 PM

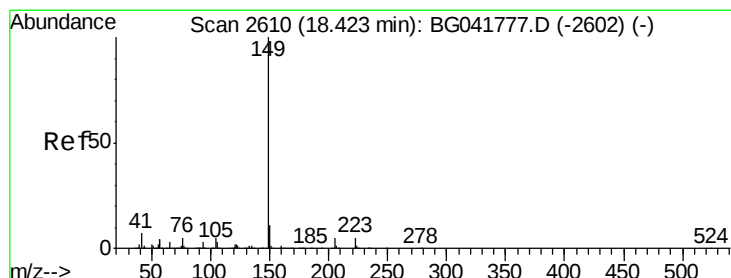
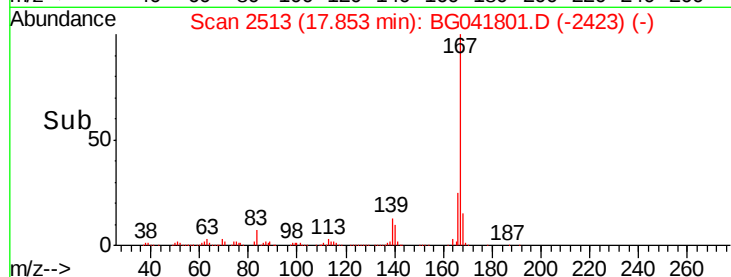
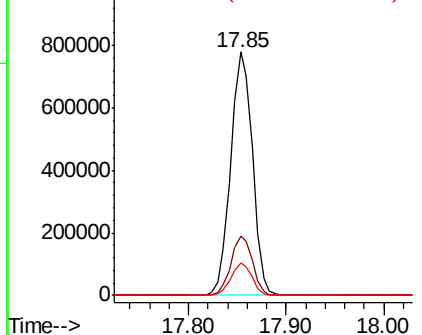


Abundance

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: 44.372 ng

RT: 18.42 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

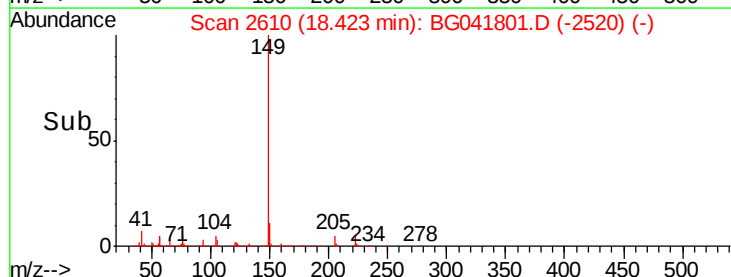
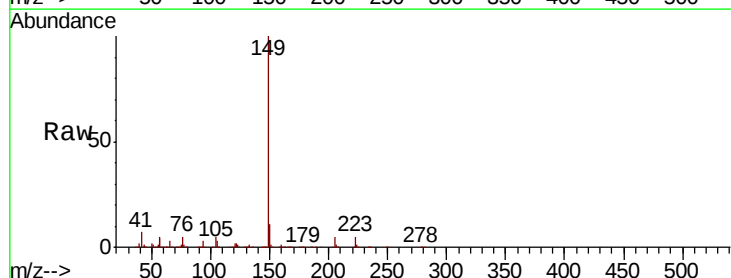
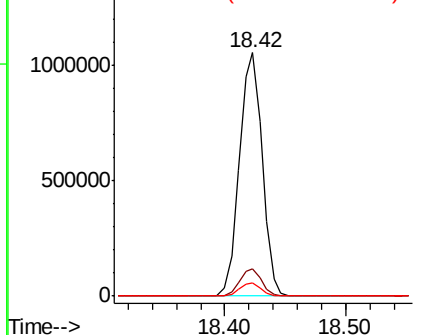
Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.5	5.3	7.9

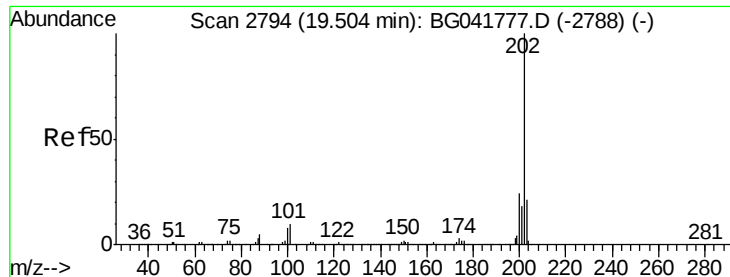
Abundance

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





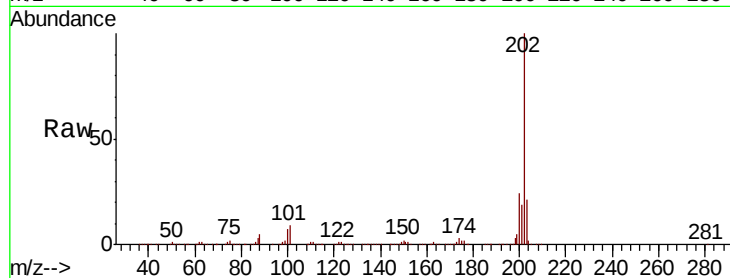
#75
 Fluoranthene
 Concen: 44.158 ng
 RT: 19.51 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	32.8
203	20.9	3.7	43.7

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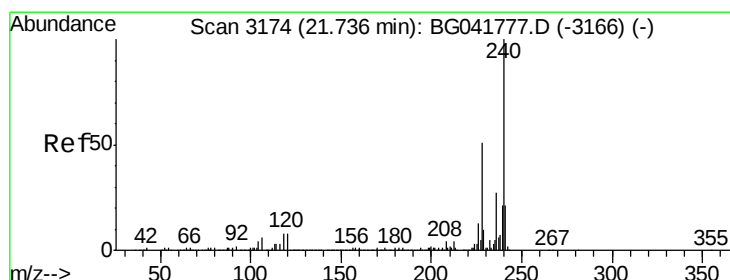
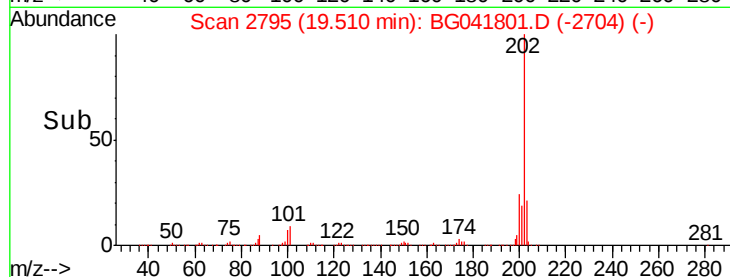
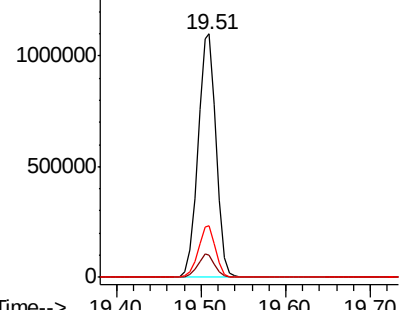


Abundance

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: BG041801.D
 Acq: 30 Jul 2019 14:42

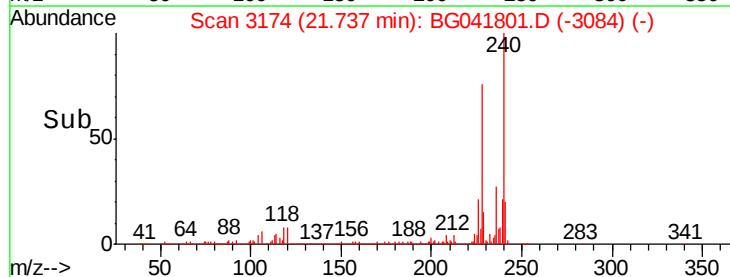
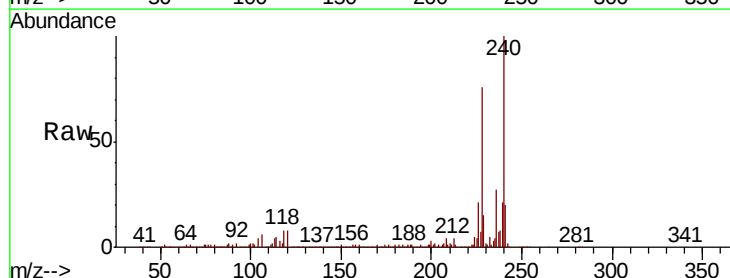
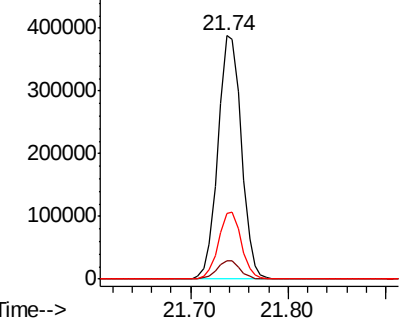
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.0	12.0#
236	27.2	22.6	33.8

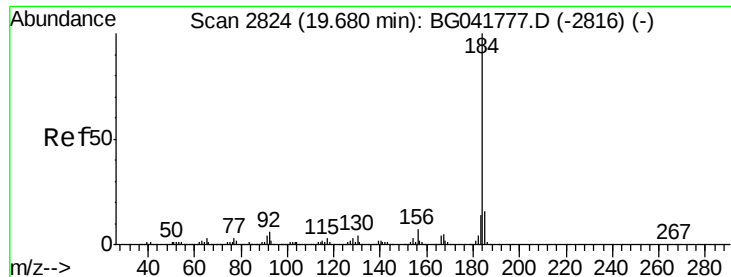
Abundance

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: 32.591 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

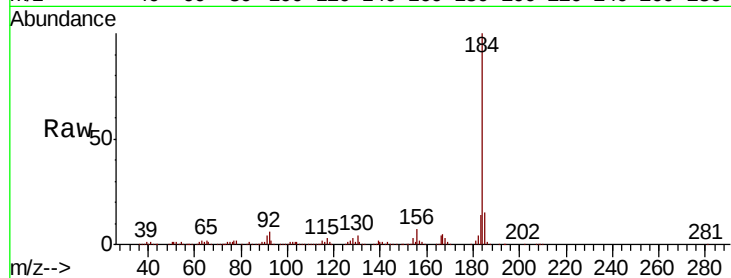
ClientSampleId :

PB121801BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.0	19.4
183	13.7	11.8	17.6

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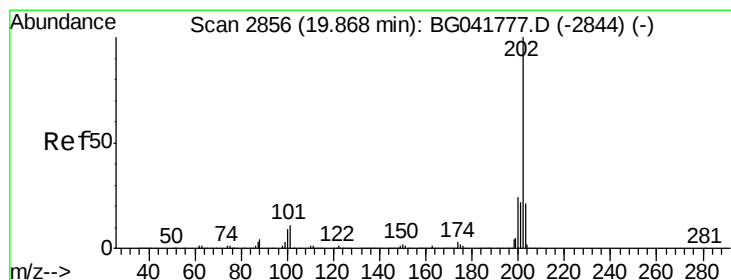
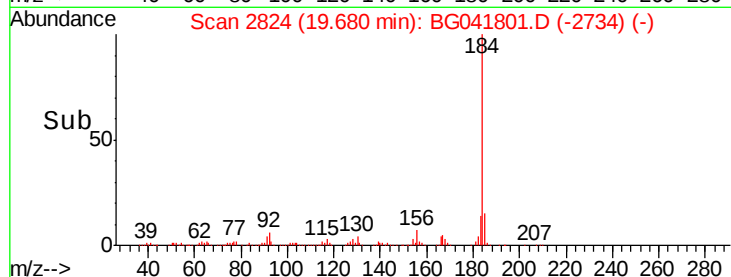
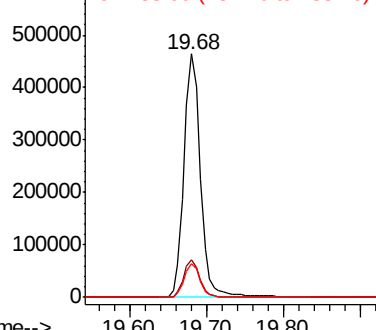


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.319 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

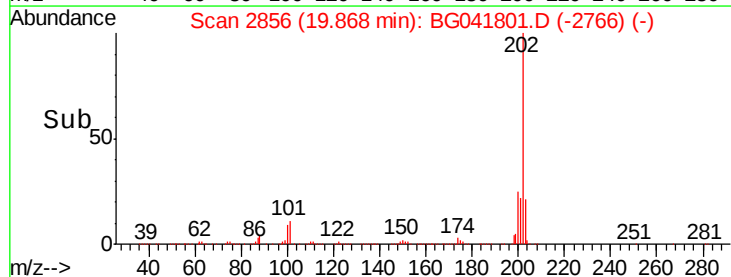
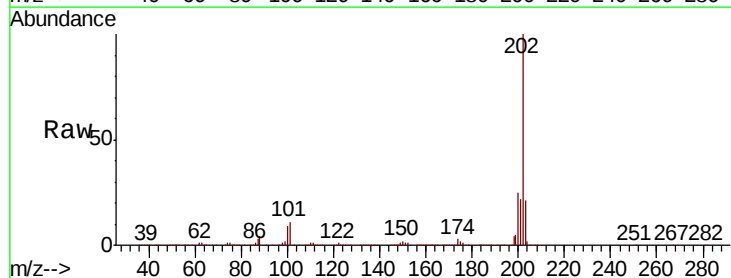
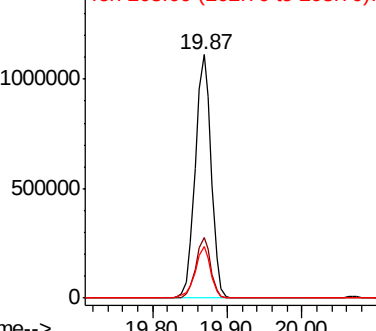
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.8	22.2	33.2
203	21.4	18.9	28.3

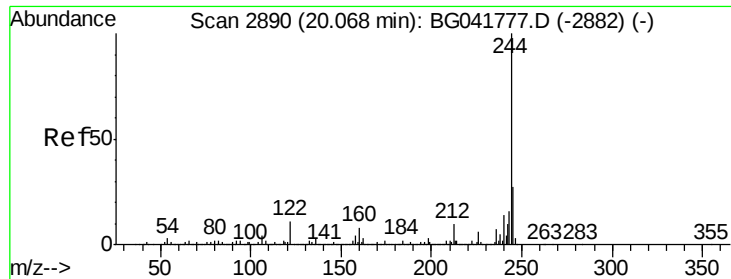
Abundance

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





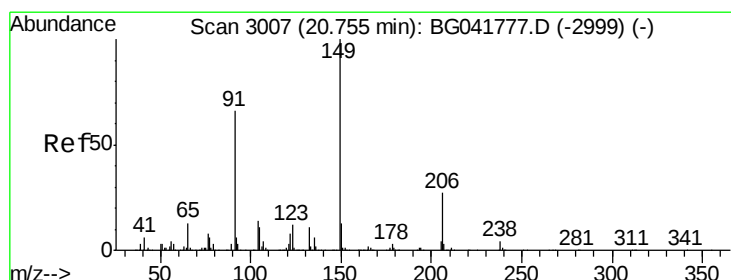
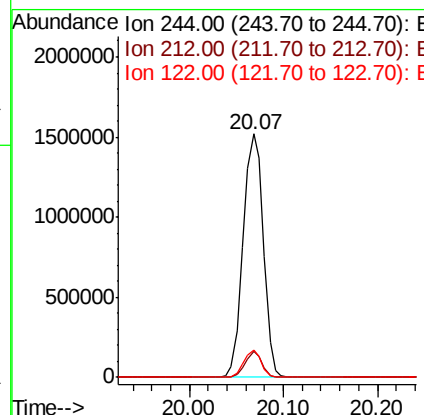
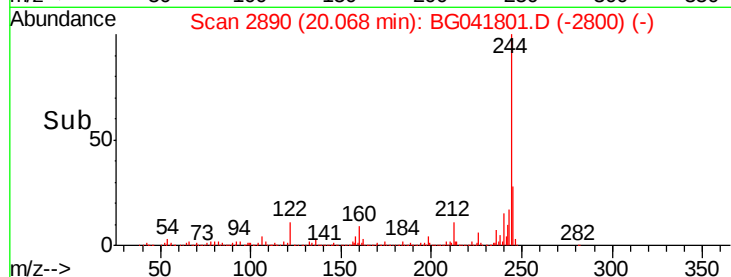
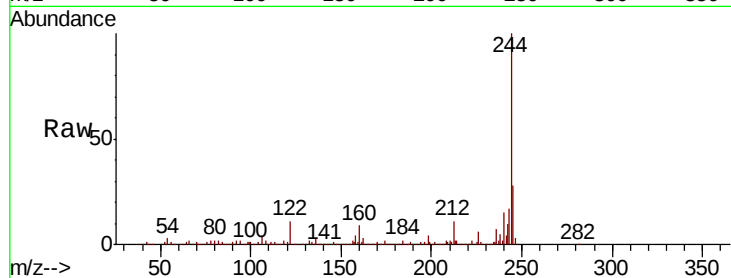
#79
 Terphenyl-d14
 Concen: 80.077 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.6	9.7	14.5
122	11.0	12.5	18.7

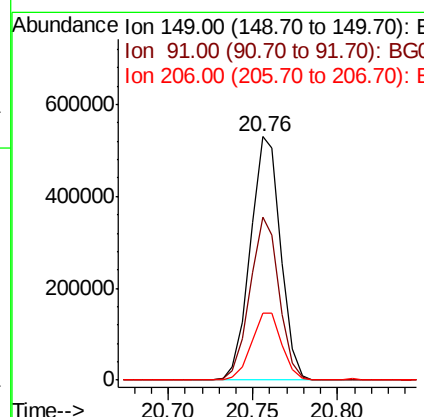
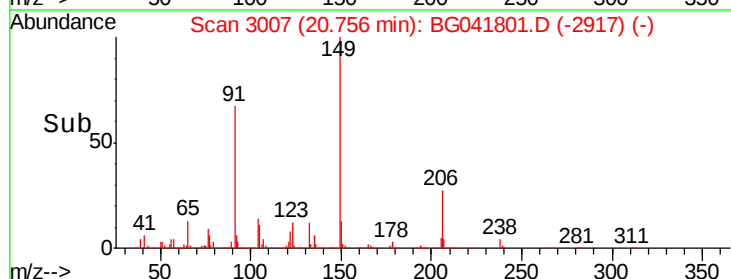
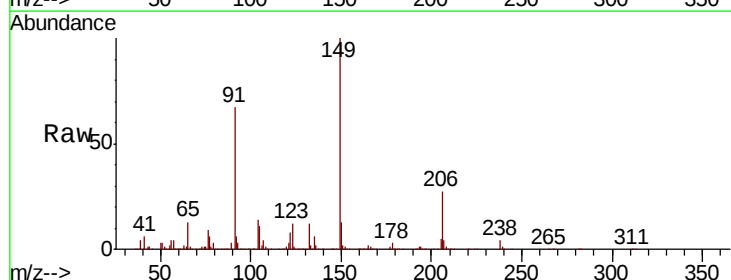
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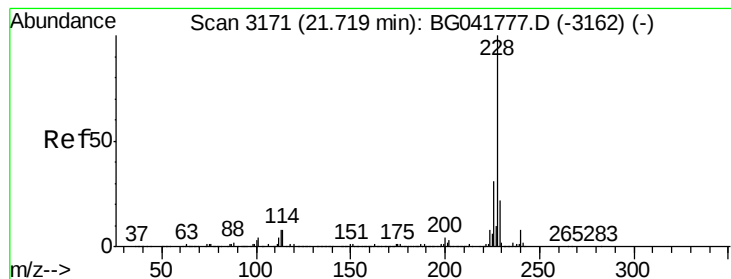
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.096 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	58.9	88.3
206	27.3	20.8	31.2





#81

Benzo(a)anthracene

Concen: 41.615 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

Tot Ion:228 Resp: 1590202

Ion Ratio Lower Upper

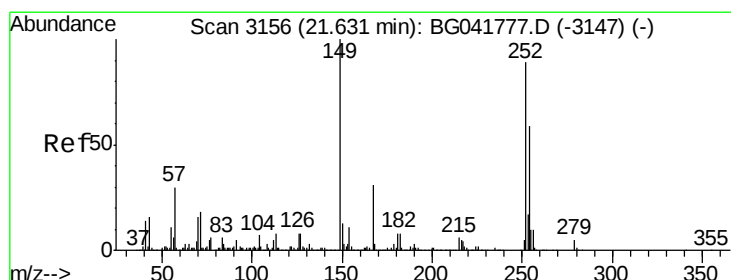
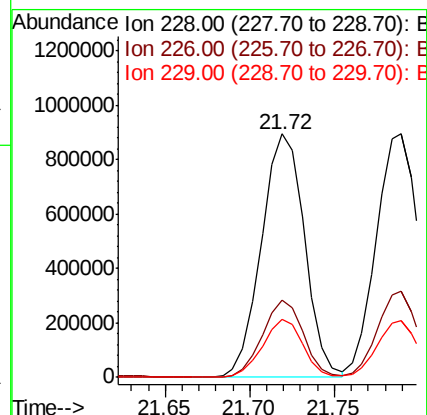
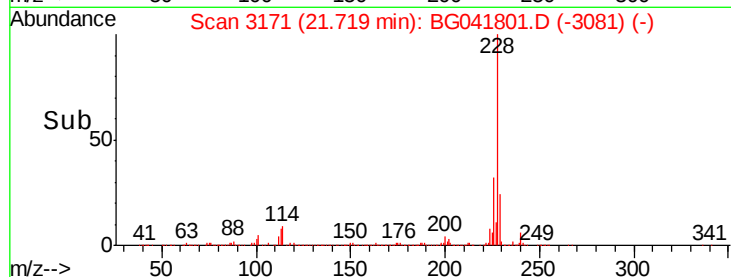
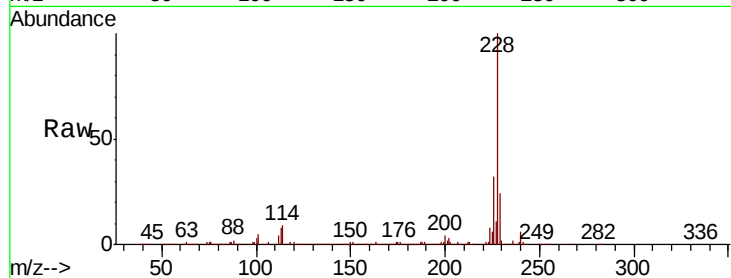
228 100

226 31.7 27.3 40.9

229 23.6 19.7 29.5

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#82

3,3'-Dichlorobenzidine

Concen: 35.053 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

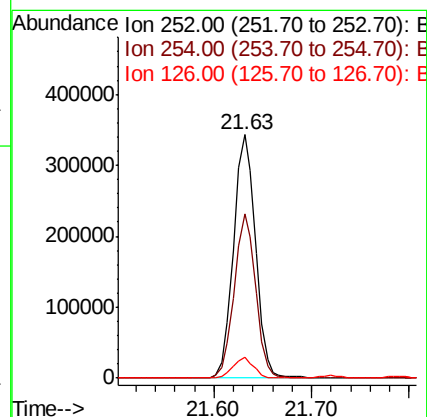
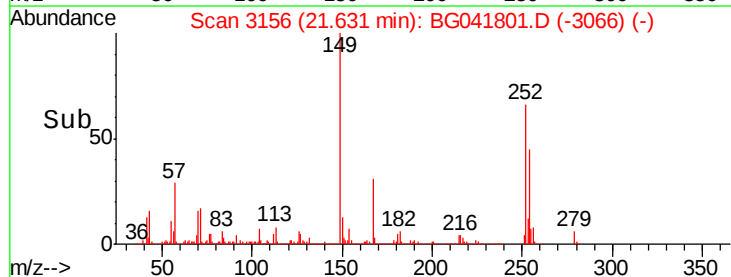
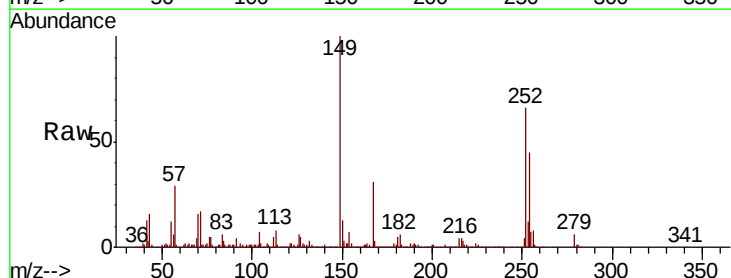
Tgt Ion:252 Resp: 537776

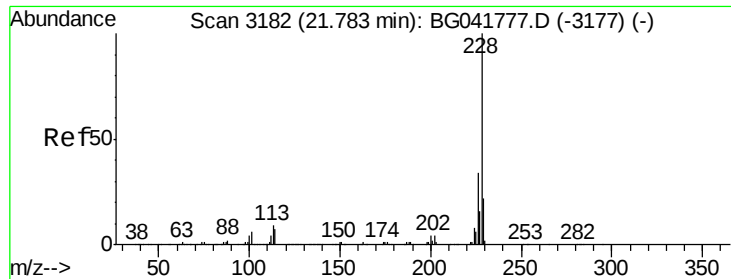
Ion Ratio Lower Upper

252 100

254 67.2 53.8 80.6

126 8.3 7.8 11.8





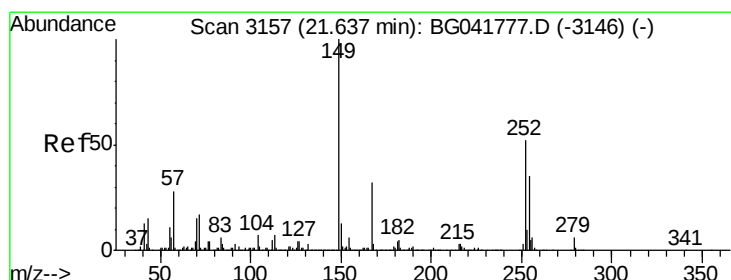
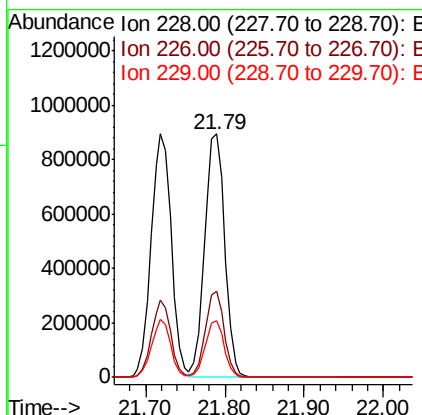
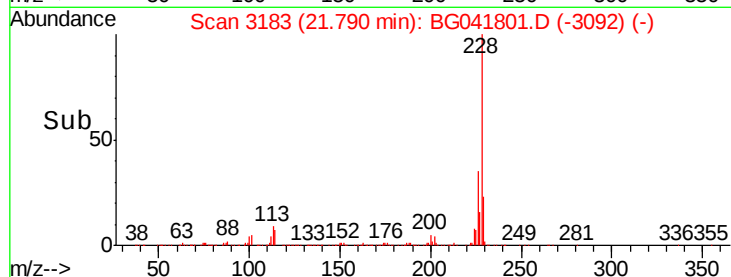
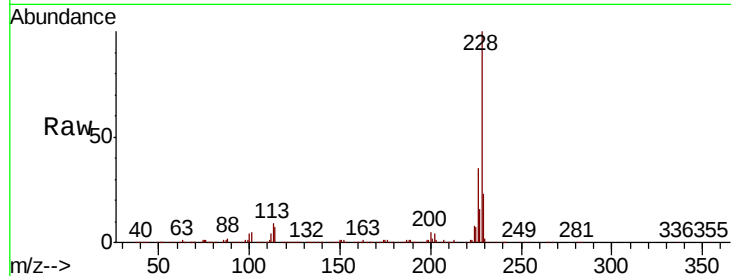
#83
 Chrvsene
 Concen: 43.017 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.01 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BS

Tot Ion:228 Resp: 1575671
 Ion Ratio Lower Upper
 228 100
 226 35.3 30.1 45.1
 229 23.3 19.8 29.6

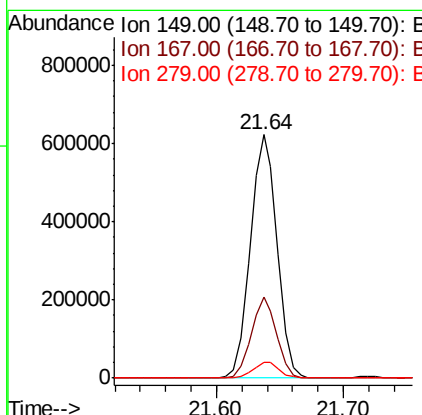
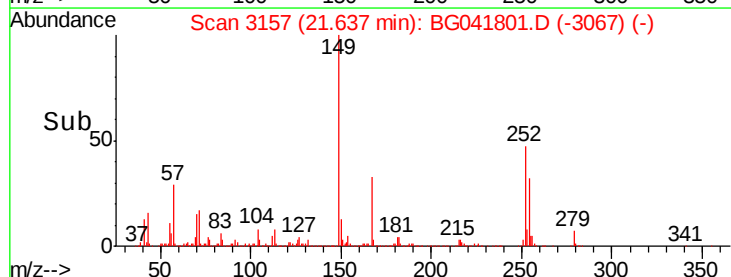
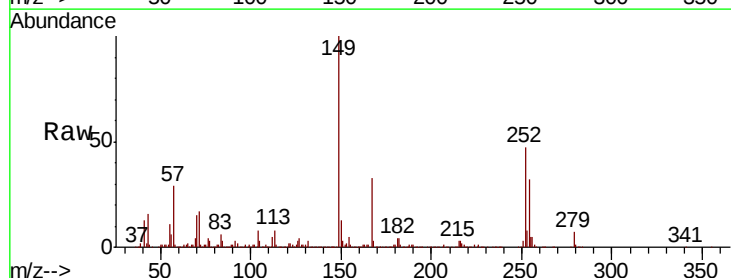
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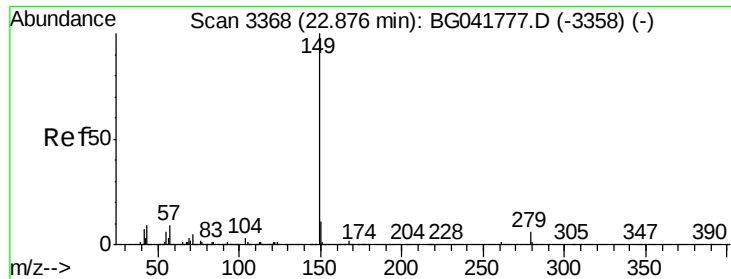
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.807 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG041801.D
 Acq: 30 Jul 2019 14:42

Tgt Ion:149 Resp: 906803
 Ion Ratio Lower Upper
 149 100
 167 33.4 27.0 40.4
 279 6.7 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 45.792 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

Tot Ion:149 Resp: 1559646

Ion Ratio Lower Upper

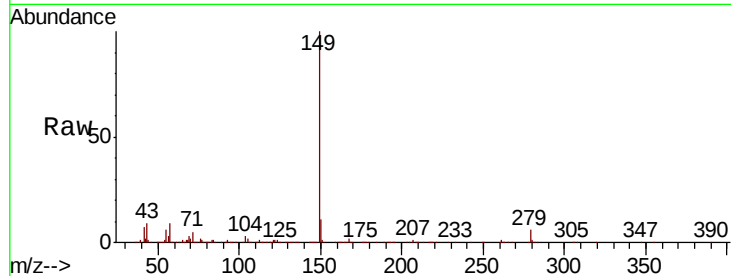
149 100

167 1.9 1.6 2.4

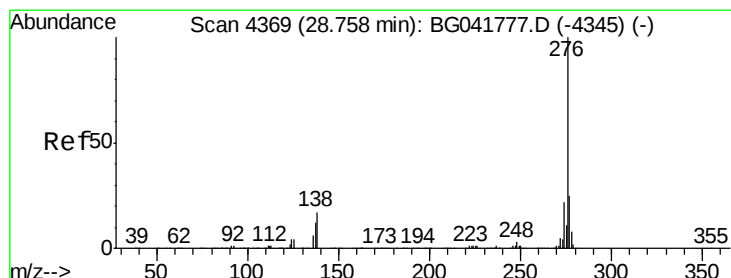
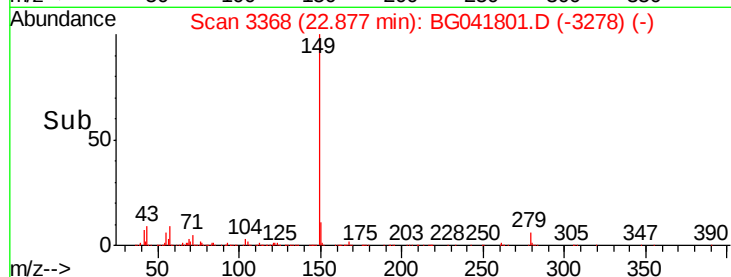
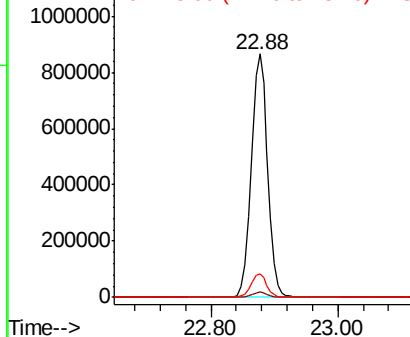
43 9.3 10.6 16.0#

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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: 42.943 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

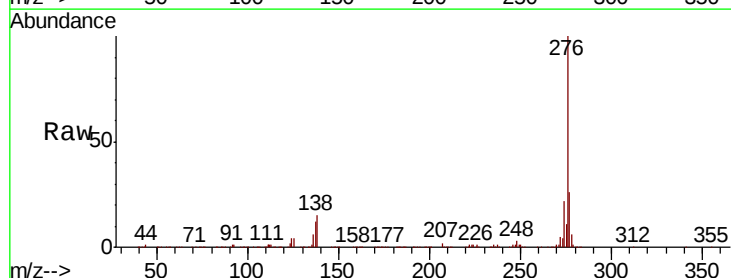
Tgt Ion:276 Resp: 2082218

Ion Ratio Lower Upper

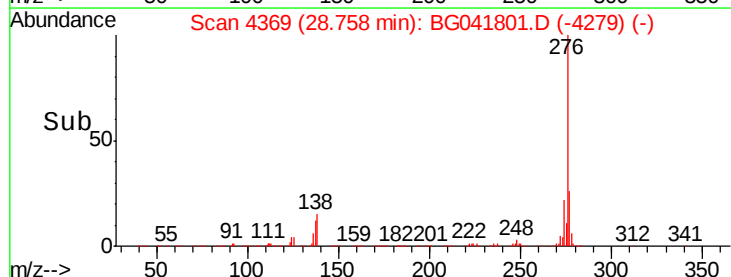
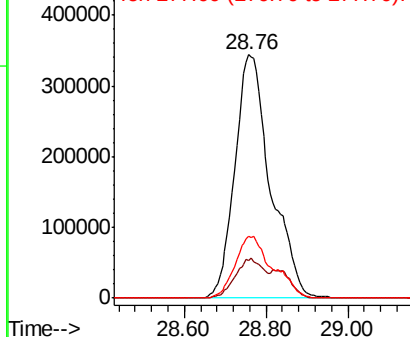
276 100

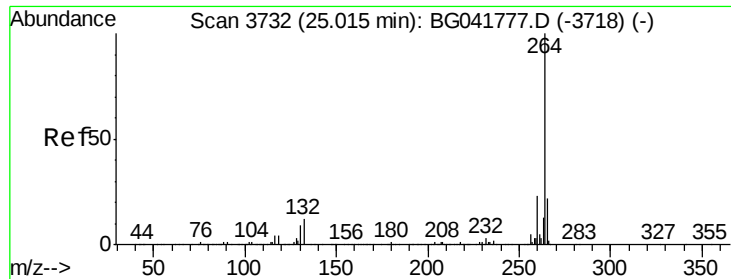
138 12.8 19.4 29.0#

277 26.6 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: 25.02 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

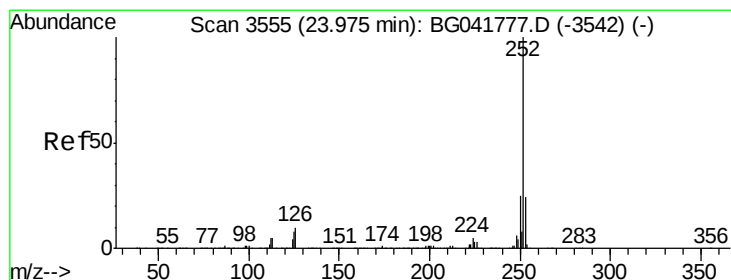
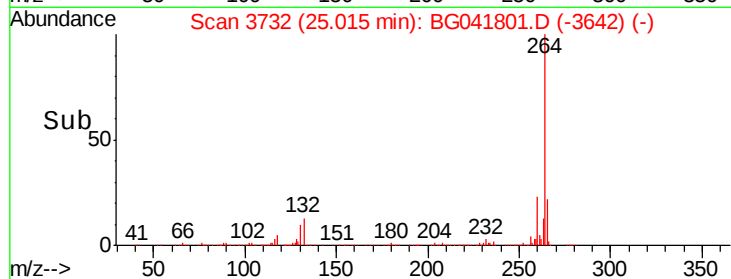
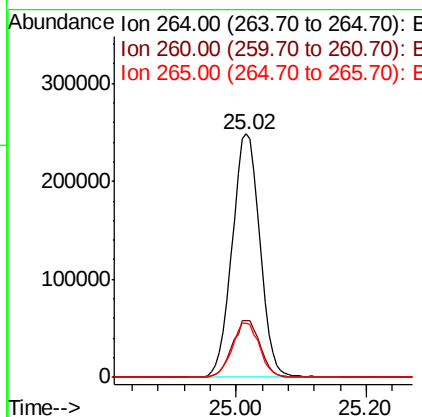
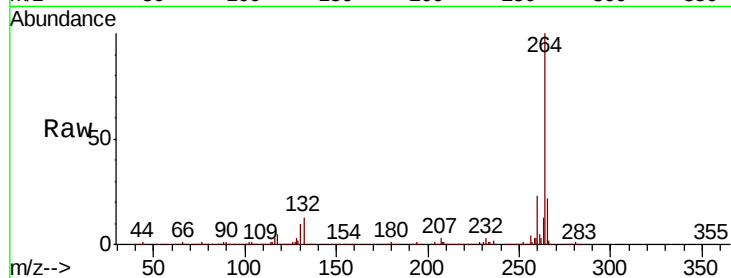
ClientSampleId :

PB121801BS

Tot Ion:	264	Resp:	733493
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	22.1	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 44.642 ng

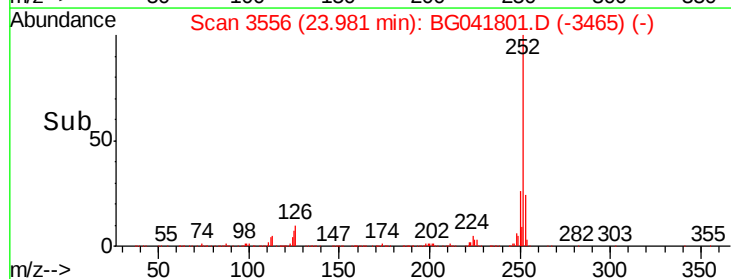
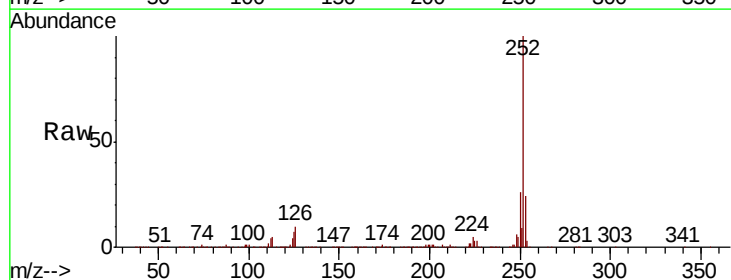
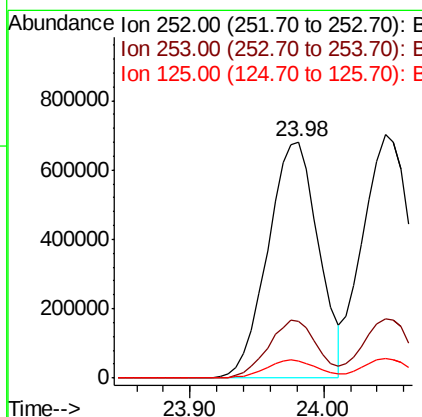
RT: 23.98 min Scan# 3556

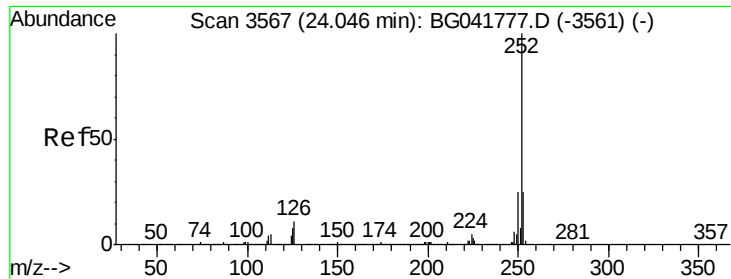
Delta R.T. 0.01 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Tgt Ion:	252	Resp:	1791267
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.6	30.8
125	7.3	8.0	12.0#





#89

Benzo(k)fluoranthene

Concen: 44.494 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

Instrument :

BNA_G

ClientSampleId :

PB121801BS

Tot Ion:252 Resp: 1739104

Ion Ratio Lower Upper

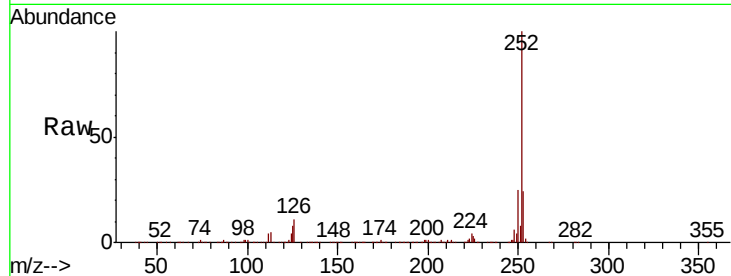
252 100

253 24.4 20.5 30.7

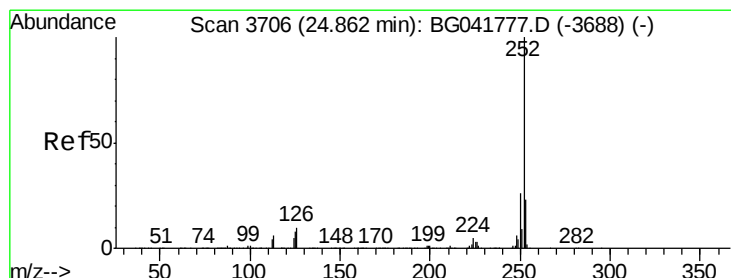
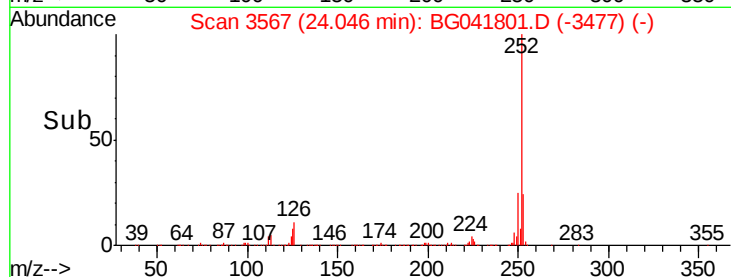
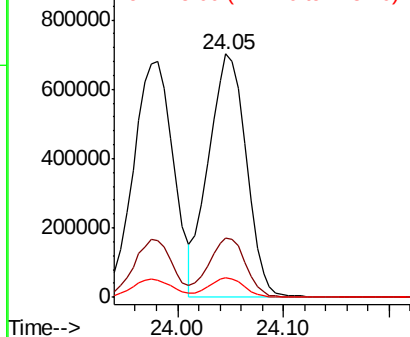
125 7.9 8.4 12.6#

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



#90

Benzo(a)pyrene

Concen: 46.007 ng

RT: 24.86 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BG041801.D

Acq: 30 Jul 2019 14:42

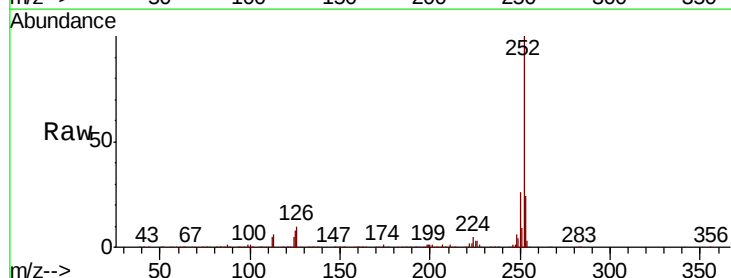
Tgt Ion:252 Resp: 1770484

Ion Ratio Lower Upper

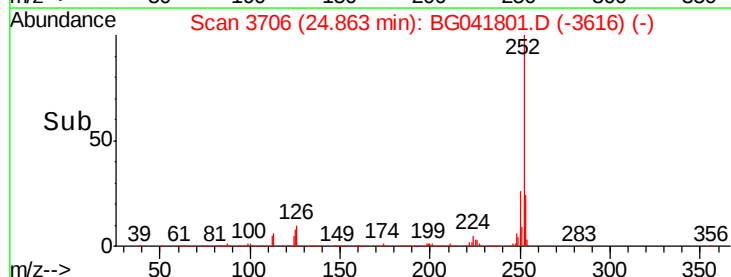
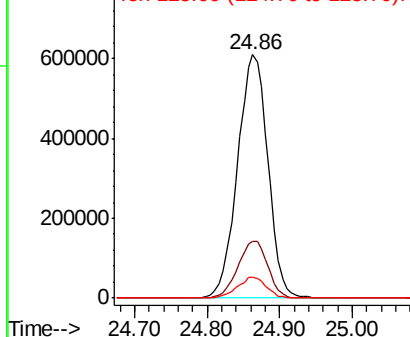
252 100

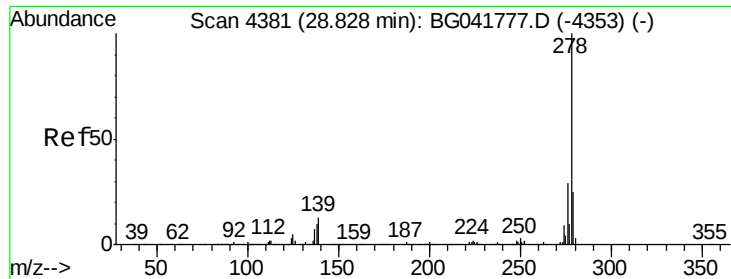
253 23.5 19.8 29.8

125 8.5 8.8 13.2#



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





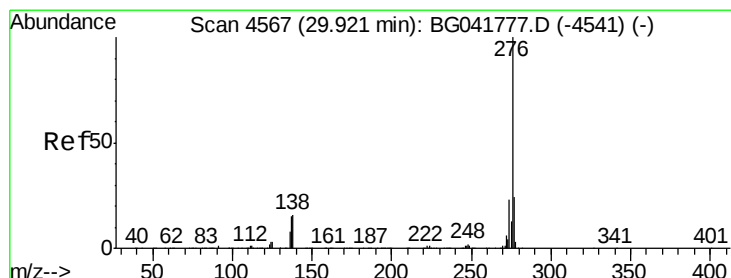
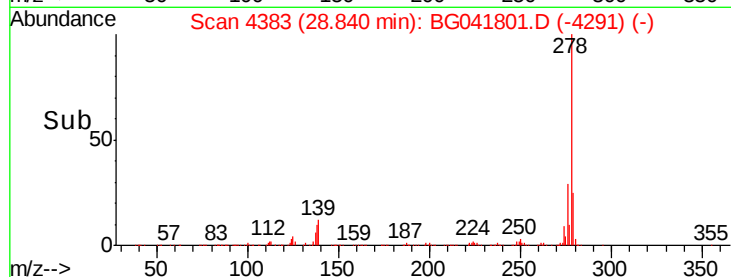
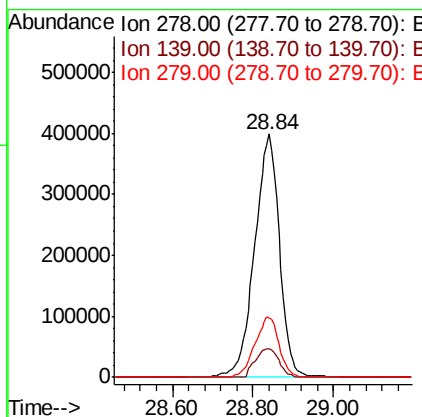
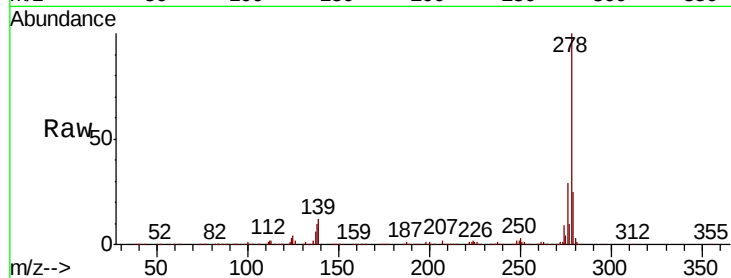
#91
Dibenzo(a,h)anthracene
Concen: 45.254 ng
RT: 28.84 min Scan# 4383
Delta R.T. 0.01 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Instrument :
BNA_G
ClientSampleId :
PB121801BS

Tot Ion:278 Resp: 1709999
Ion Ratio Lower Upper
278 100
139 11.8 12.6 19.0#
279 24.5 20.5 30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:04:53 PM



#92
Benzo(g,h,i)perylene
Concen: 45.735 ng
RT: 29.94 min Scan# 4570
Delta R.T. 0.02 min
Lab File: BG041801.D
Acq: 30 Jul 2019 14:42

Tgt Ion:276 Resp: 1726580
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.8
138 15.6 16.6 25.0#

