

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
 Data File : BG045947.D
 Acq On : 6 Jul 2020 19:41
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 7/7/2020 12:03:27 PM

Quant Time: Jul 07 01:09:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 00:57:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	141749	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	549264	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	339291	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	686362	20.00	ng	0.00
76) Chrysene-d12	21.63	240	610501	20.00	ng	0.00
86) Perylene-d12	24.79	264	637539	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	676192	80.58	ng	0.00
7) Phenol-d6	7.17	99	986315	77.27	ng	0.00
23) Nitrobenzene-d5	9.16	82	766608	63.76	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	257207	50.21	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1677785	72.67	ng	0.00
79) Terphenyl-d14	19.99	244	2136816	70.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	159292	41.447	ng	100
3) Pyridine	3.90	79	484517	42.543	ng	100
4) n-Nitrosodimethylamine	3.82	42	170034	44.479	ng	100
6) Aniline	7.33	93	635391	42.278	ng	100
8) 2-Chlorophenol	7.58	128	366089	40.758	ng	100
9) Benzaldehyde	7.14	77	276468	36.062	ng	100
10) Phenol	7.19	94	492053	39.786	ng	100
11) bis(2-Chloroethyl)ether	7.43	93	405575	43.175	ng	100
12) 1,3-Dichlorobenzene	7.90	146	421900	39.416	ng	100
13) 1,4-Dichlorobenzene	8.05	146	419344	39.222	ng	100
14) 1,2-Dichlorobenzene	8.36	146	402157	39.291	ng	100
15) Benzyl Alcohol	8.24	79	390742	39.559	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	538872	60.867	ng	100
17) 2-Methylphenol	8.45	107	376178	40.872	ng	100
18) Hexachloroethane	9.10	117	161061	39.664	ng	100
19) n-Nitroso-di-n-propylamine	8.82	70	347171	41.372	ng	100
20) 3+4-Methylphenols	8.77	107	517246	42.732	ng	100
22) Acetophenone	8.83	105	585179	38.816	ng	100
24) Nitrobenzene	9.20	77	432177	33.712	ng	100
25) Isophorone	9.73	82	944158	40.564	ng	100
26) 2-Nitrophenol	9.91	139	134131	25.114	ng	100
27) 2,4-Dimethylphenol	9.98	122	335486	41.143	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	528234	43.447	ng	100
29) 2,4-Dichlorophenol	10.45	162	347671	36.545	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	378957	33.648	ng	100
31) Naphthalene	10.86	128	1168249	38.904	ng	100
32) Benzoic acid	10.11	122	187937m	40.309	ng	
33) 4-Chloroaniline	10.95	127	528750	42.047	ng	100
34) Hexachlorobutadiene	11.16	225	219752	27.436	ng	100
35) Caprolactam	11.73	113	133333	43.310	ng	100
36) 4-Chloro-3-methylphenol	12.08	107	398126	36.245	ng	100
37) 2-Methylnaphthalene	12.46	142	843325	37.714	ng	100
38) 1-Methylnaphthalene	12.68	142	793870	37.517	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	372248	33.320	ng	100

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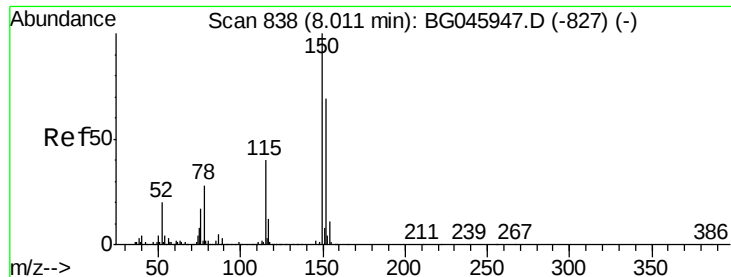
Manual Integrations
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 7/7/2020 12:03:27 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	223713	44.126	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	256259	33.831	nq	100
44) 2,4,5-Trichlorophenol	13.13	196	291792	33.800	nq	100
46) 1,1'-Biphenyl	13.47	154	996414	41.019	nq	100
47) 2-Chloronaphthalene	13.51	162	783574	39.933	nq	100
48) 2-Nitroaniline	13.70	65	213496	32.710	nq	100
49) Acenaphthylene	14.36	152	1271873	40.467	nq	100
50) Dimethylphthalate	14.09	163	995852	37.466	nq	100
51) 2,6-Dinitrotoluene	14.20	165	170451	28.552	nq	100
52) Acenaphthene	14.70	154	808386	42.433	nq	100
53) 3-Nitroaniline	14.53	138	216467	36.302	nq	100
54) 2,4-Dinitrophenol	14.73	184	58995	22.888	nq	100
55) Dibenzofuran	15.03	168	1169679	37.794	nq	100
56) 4-Nitrophenol	14.83	139	166214	43.262	nq	100
57) 2,4-Dinitrotoluene	14.98	165	219665	25.681	nq	100
58) Fluorene	15.68	166	966187	37.544	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	228815m	30.538	nq	
60) Diethylphthalate	15.46	149	1043388	38.400	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	476244	32.108	nq	100
62) 4-Nitroaniline	15.69	138	217160	35.484	nq	100
63) Azobenzene	15.97	77	1121576	42.989	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	83484	19.682	nq	100
66) n-Nitrosodiphenylamine	15.88	169	854019	43.930	nq	100
67) 4-Bromophenyl-phenylether	16.57	248	314897	35.309	nq	100
68) Hexachlorobenzene	16.69	284	305773	33.064	nq	100
69) Atrazine	16.83	200	257325	34.111	nq	100
70) Pentachlorophenol	17.02	266	183538	48.345	nq	100
71) Phenanthrene	17.42	178	1453070	41.049	nq	100
72) Anthracene	17.51	178	1467624	41.635	nq	100
73) Carbazole	17.77	167	1480113	44.099	nq	100
74) Di-n-butylphthalate	18.35	149	1748762	44.004	nq	100
75) Fluoranthene	19.43	202	1656249	38.050	nq	100
77) Benzidine	19.60	184	703250	44.310	nq	100
78) Pyrene	19.78	202	1670403	40.860	nq	100
80) Butylbenzylphthalate	20.69	149	804694	47.026	nq	100
81) Benzo(a)anthracene	21.62	228	1572891	39.738	nq	100
82) 3,3'-Dichlorobenzidine	21.53	252	588435	39.303	nq	100
83) Chrysene	21.68	228	1515471	39.585	nq	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	1125487	47.286	nq	100
85) Di-n-octyl phthalate	22.76	149	1972004	48.031	nq	100
87) Indeno(1,2,3-cd)pyrene	28.38	276	1898677	41.080	nq	100
88) Benzo(b)fluoranthene	23.80	252	1639739	41.021	nq	100
89) Benzo(k)fluoranthene	23.87	252	1562113	40.831	nq	100
90) Benzo(a)pyrene	24.65	252	1533496	41.068	nq	100
91) Dibenzo(a,h)anthracene	28.45	278	1511988	40.795	nq	100
92) Benzo(g,h,i)perylene	29.51	276	1530289	41.251	nq	100

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



#1

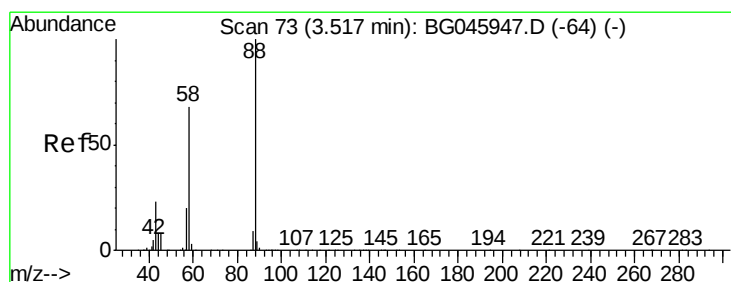
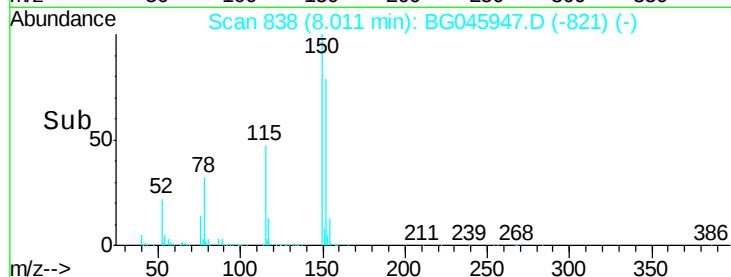
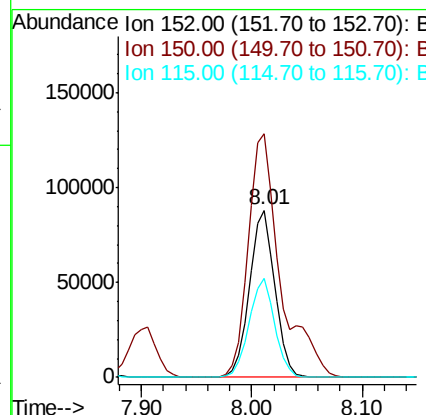
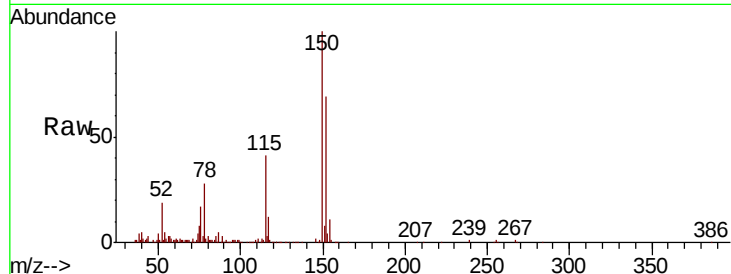
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	116.7	175.1
115	59.2	47.4	71.0

Manual Integrations
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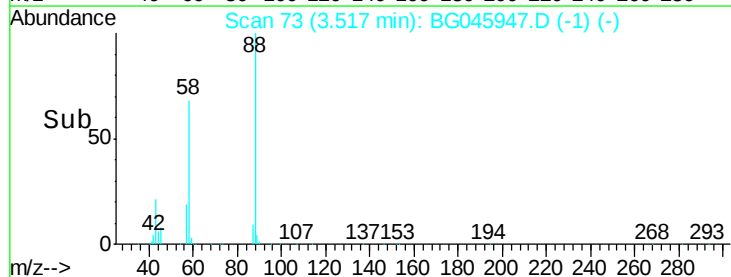
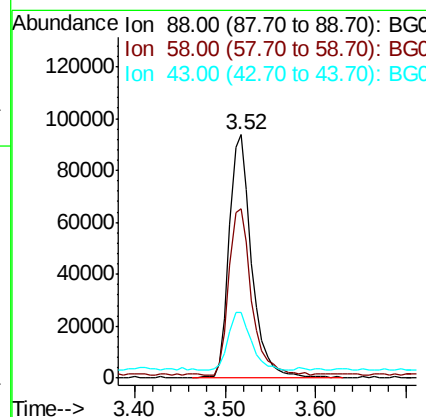
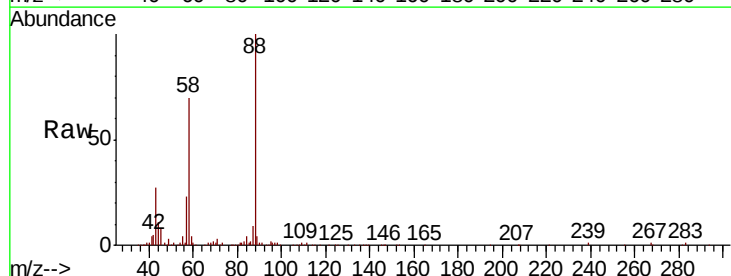
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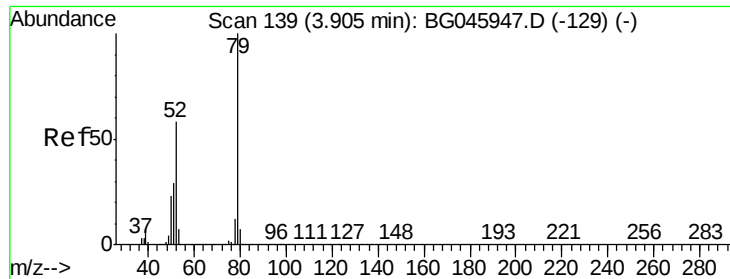


#2

1,4-Dioxane
Concen: 41.447 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	55.2	82.8
43	24.2	19.4	29.0





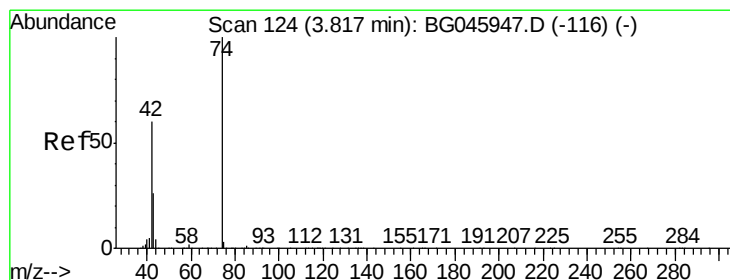
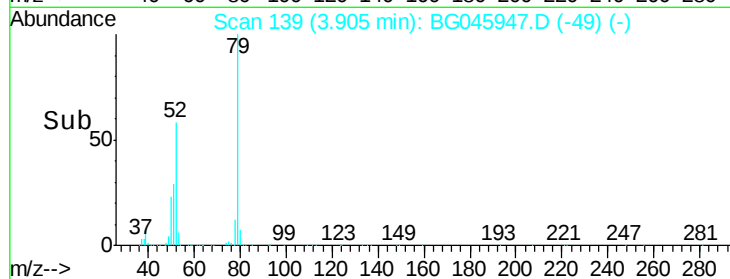
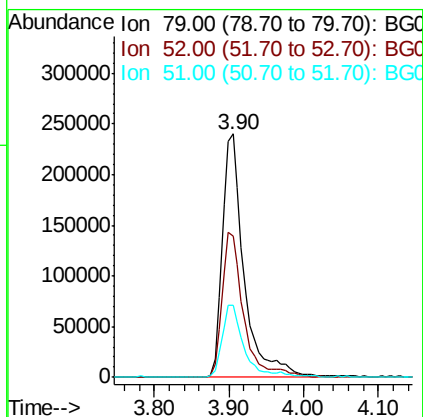
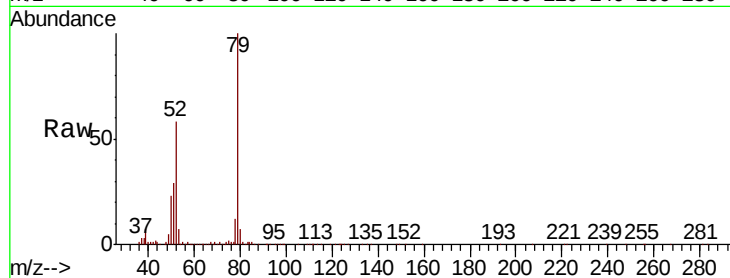
#3
 Pvridine
 Concen: 42.543 ng
 RT: 3.90 min Scan# 139
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.1	46.5	69.7
51	29.4	23.5	35.3

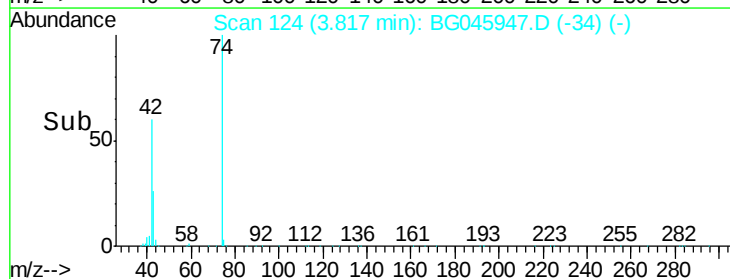
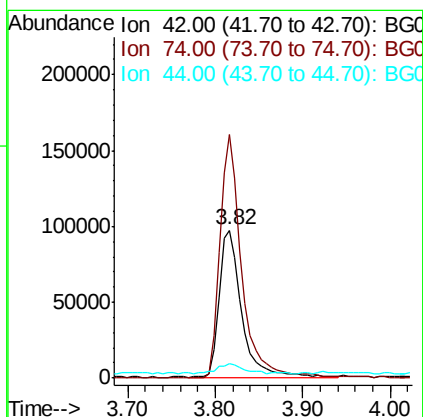
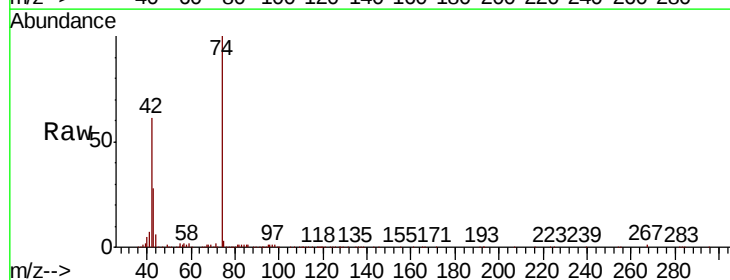
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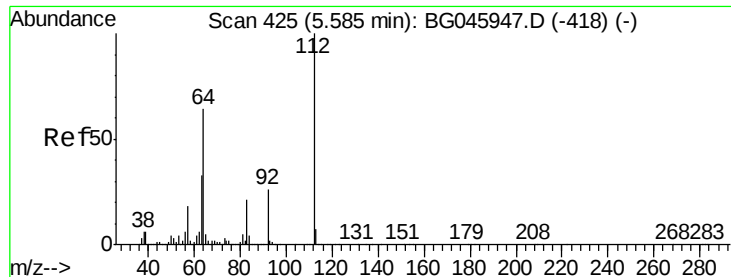
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#4
 n-Nitrosodimethylamine
 Concen: 44.479 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.9	131.9	197.9
44	9.6	7.7	11.5





#5

2-Fluorophenol

Concen: 80.582 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

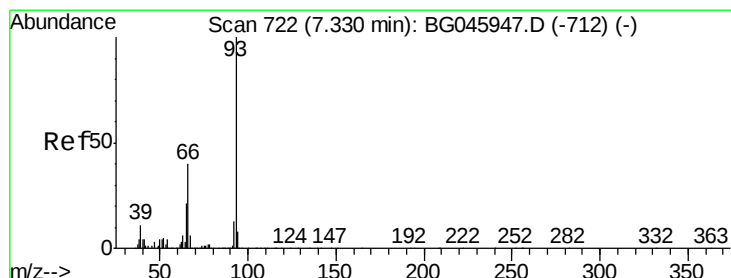
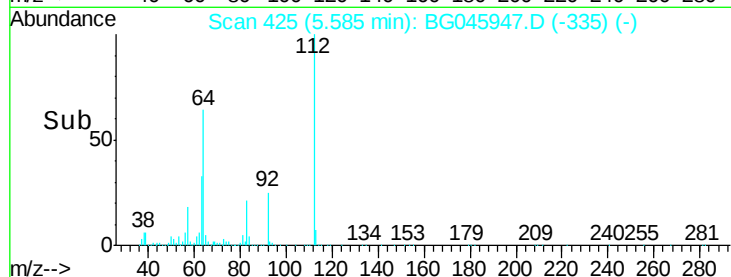
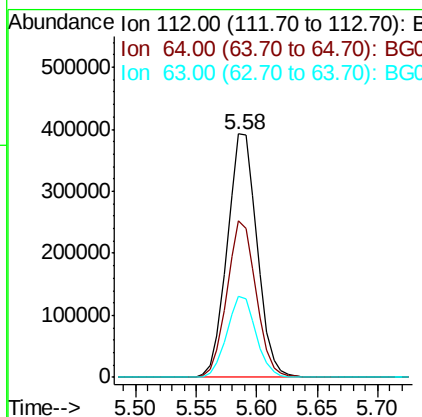
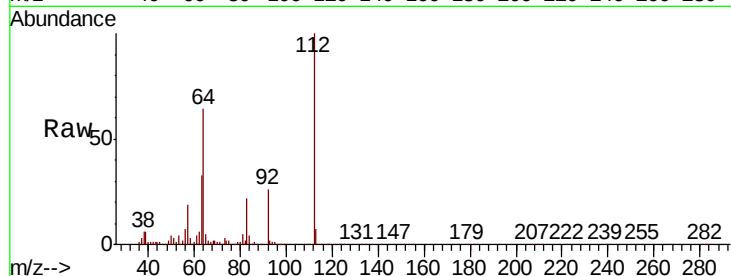
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	676192
Ion Ratio	Lower	Upper	
112	100		
64	64.3	51.4	77.2
63	33.3	26.6	40.0

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#6

Aniline

Concen: 42.278 ng

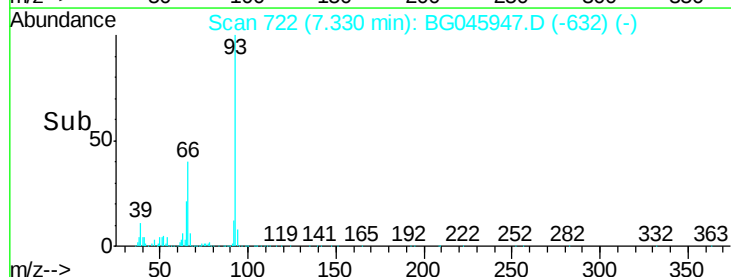
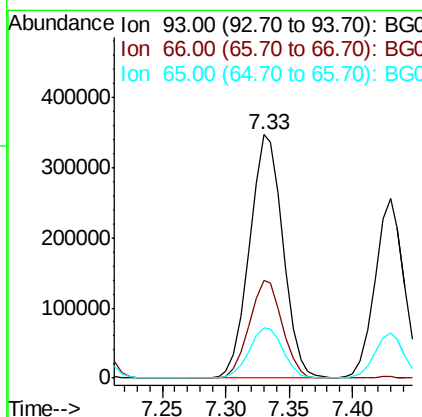
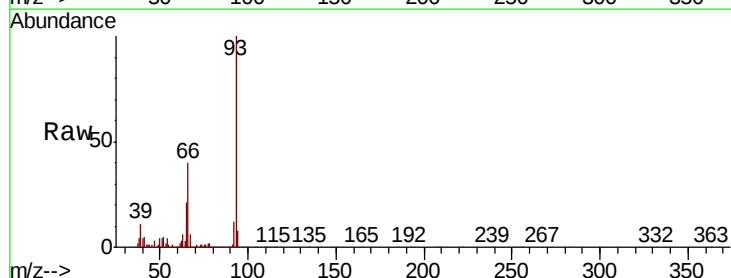
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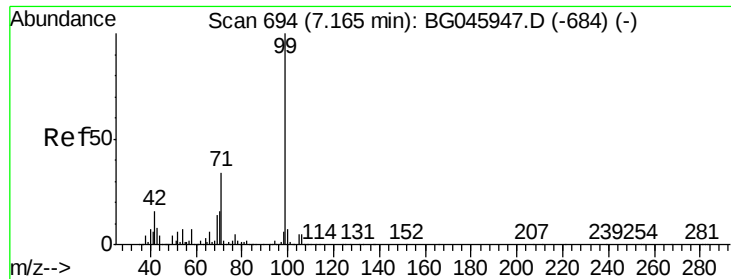
Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Tgt Ion:	93	Resp:	635391
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.3	48.5
65	20.8	16.6	25.0





#7

Phenol-d6

Concen: 77.274 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

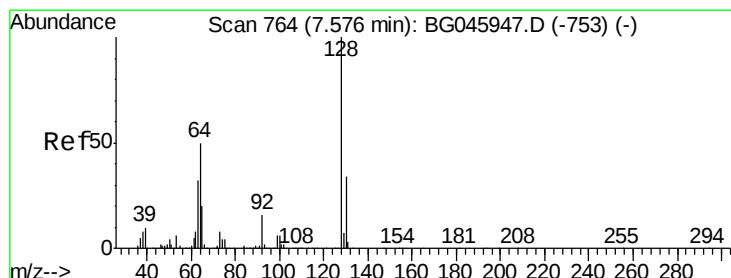
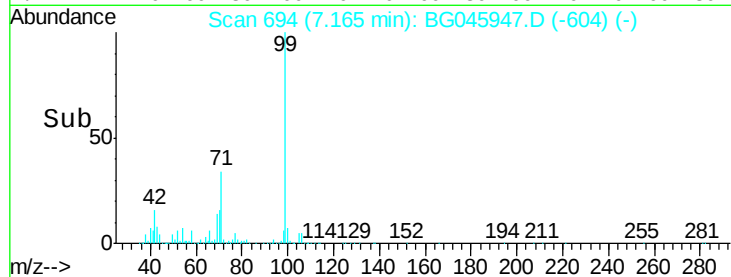
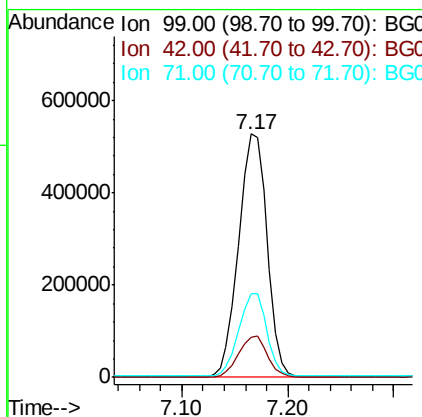
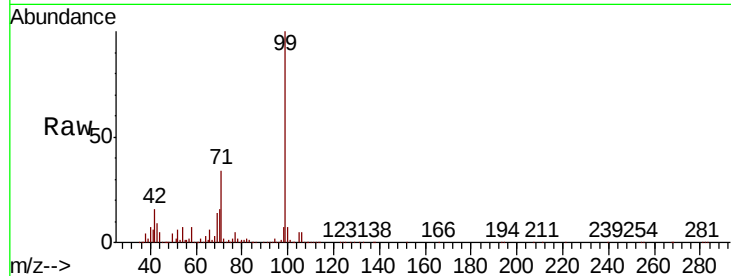
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		986315		
42	16.2	13.0	19.4		
71	34.4	27.5	41.3		

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#8

2-Chlorophenol

Concen: 40.758 ng

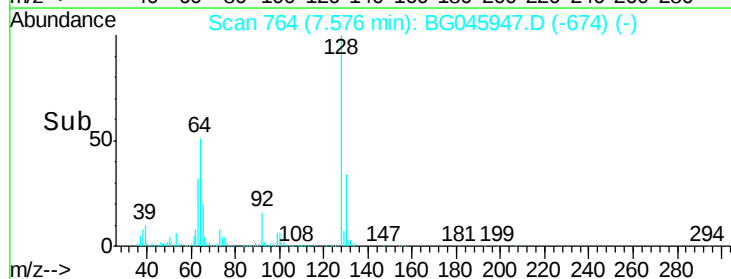
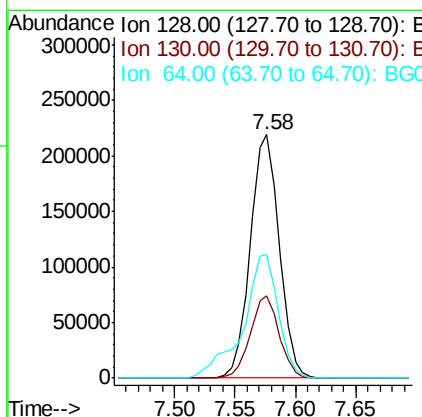
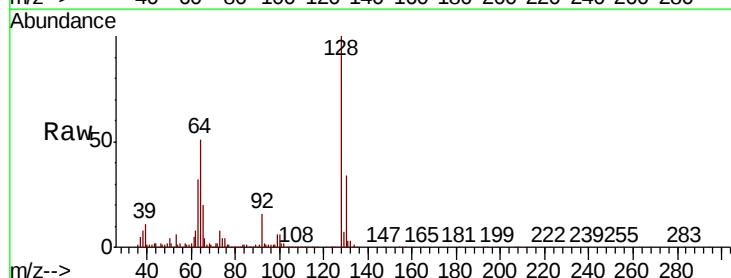
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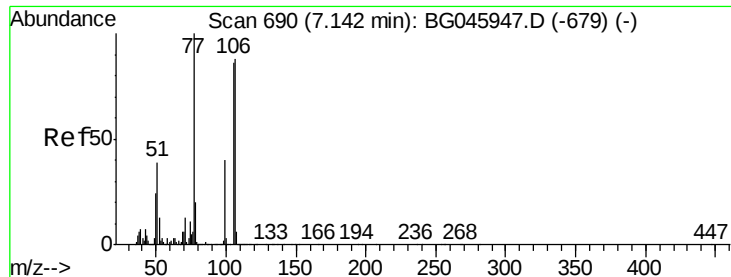
Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		366089		
130	33.6	13.6	53.6		
64	50.6	30.6	70.6		





#9

Benzaldehyde

Concen: 36.062 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 276468

Ion Ratio Lower Upper

77 100

105 86.0 66.0 106.0

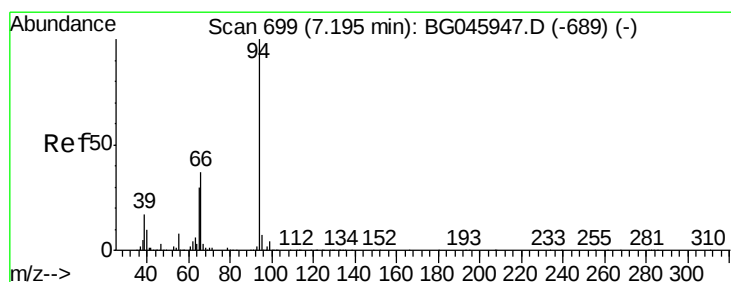
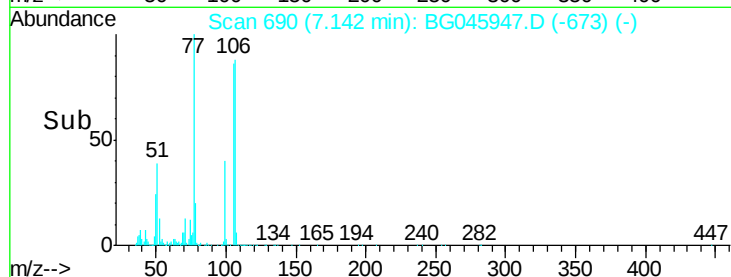
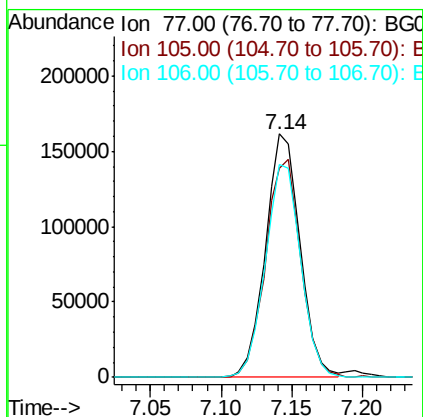
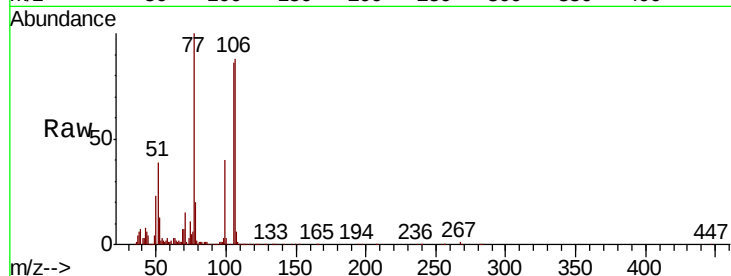
106 87.7 67.7 107.7

Manual Integrations

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#10

Phenol

Concen: 39.786 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

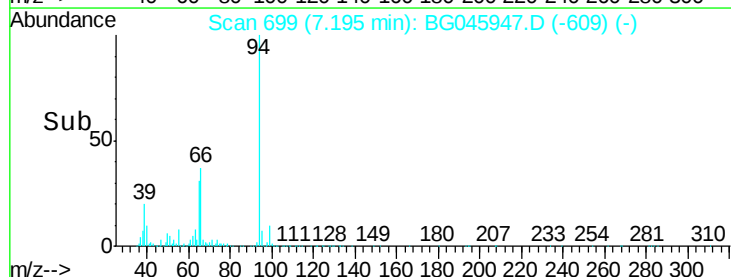
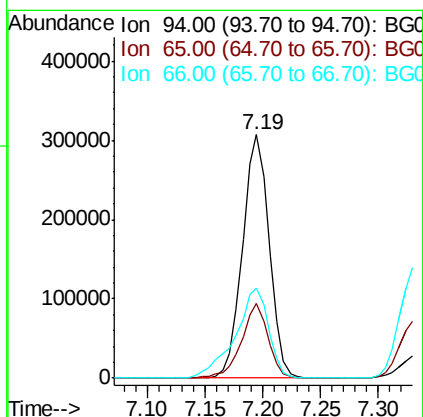
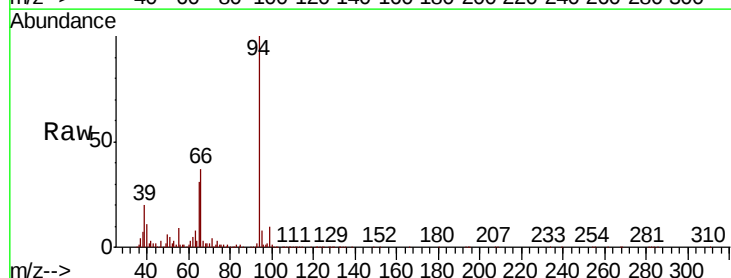
Tgt Ion: 94 Resp: 492053

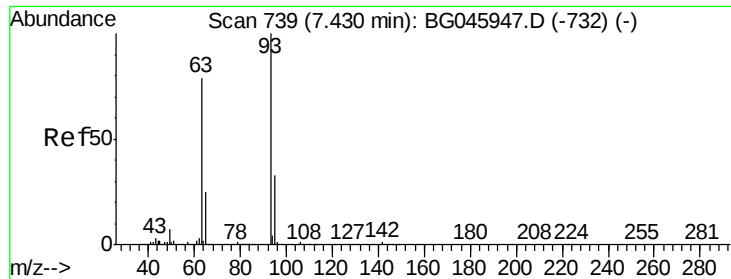
Ion Ratio Lower Upper

94 100

65 30.6 10.6 50.6

66 37.1 17.1 57.1





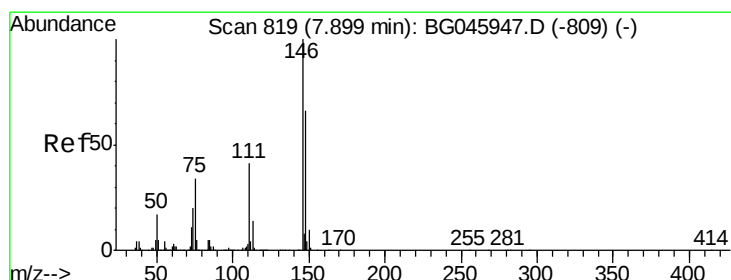
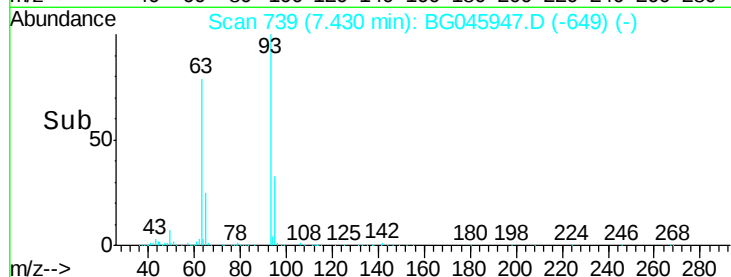
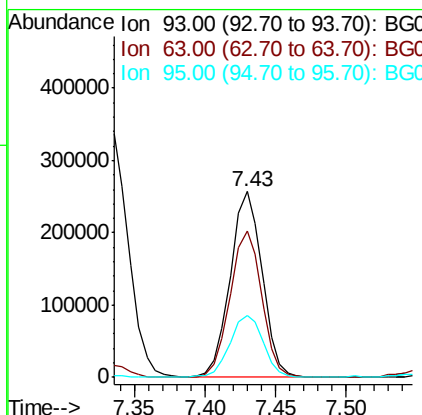
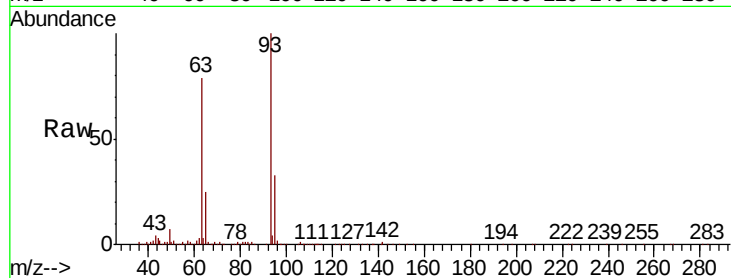
#11
bis(2-Chloroethyl)ether
Concen: 43.175 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.6	98.6
95	33.3	13.3	53.3

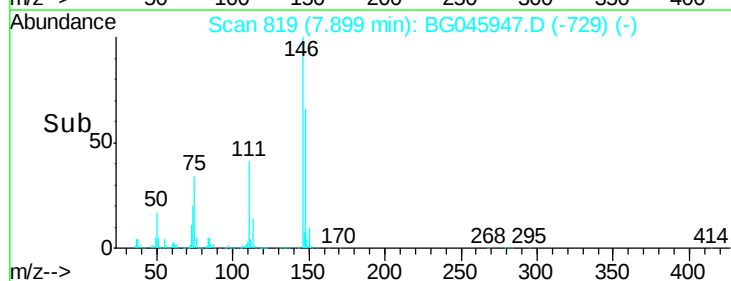
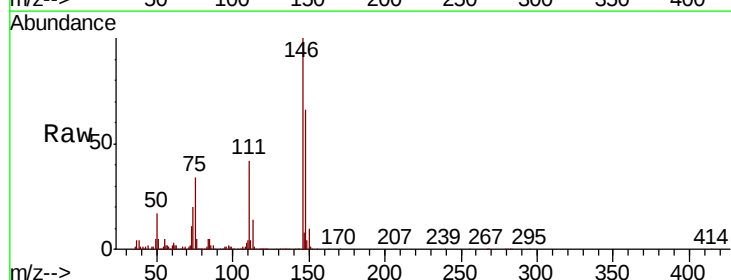
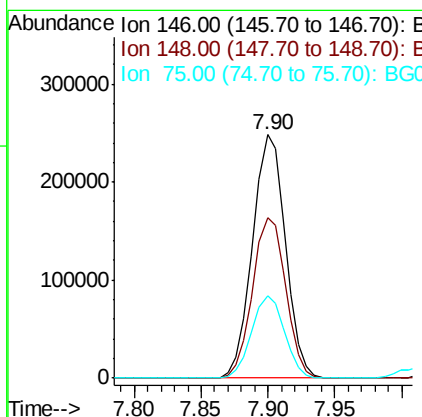
Manual Integrations
APPROVED

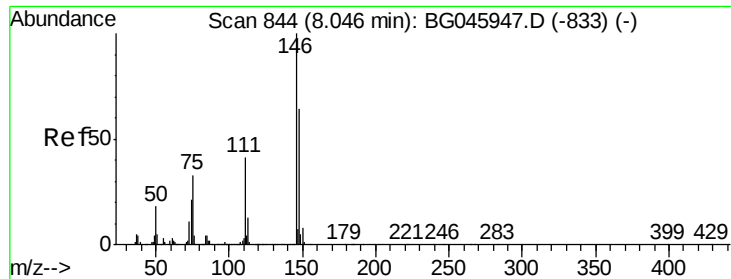
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.416 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.8	79.2
75	34.0	27.2	40.8





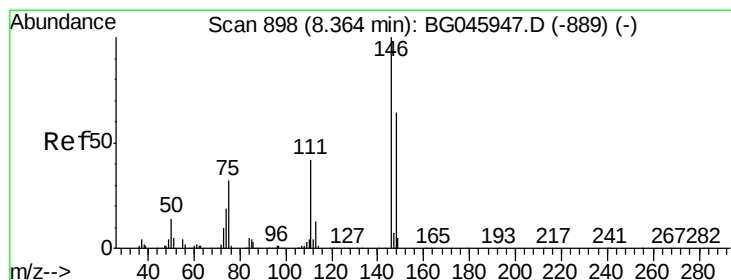
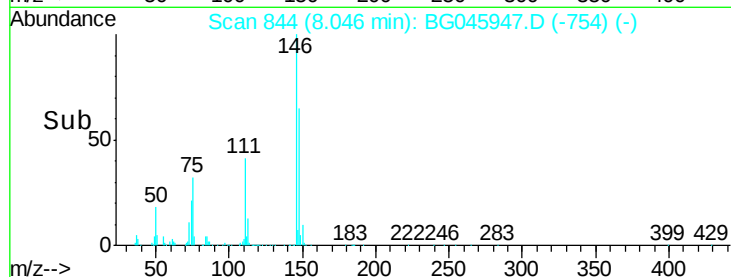
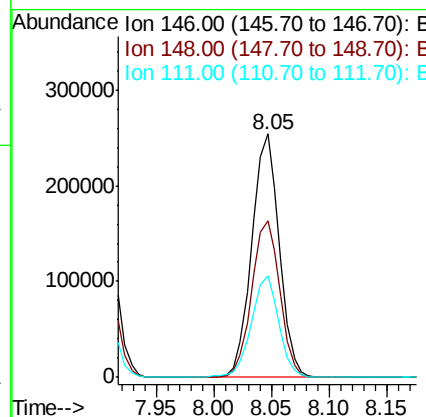
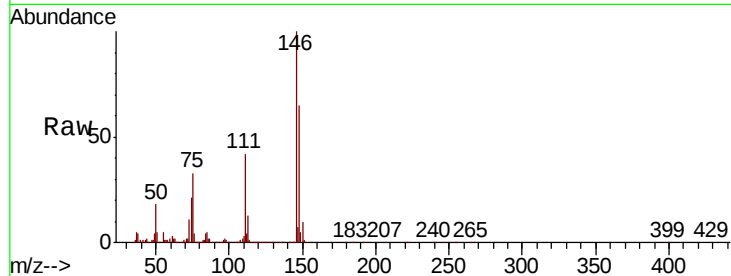
#13
1,4-Dichlorobenzene
Concen: 39.222 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	41.6	33.3	49.9

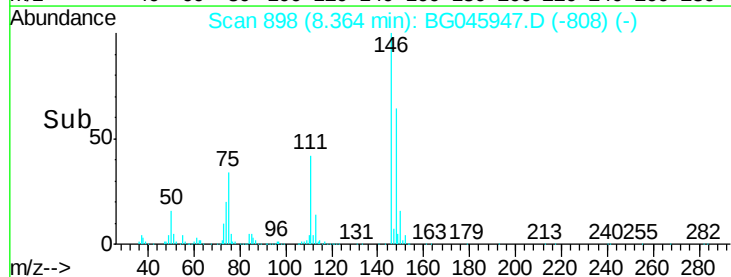
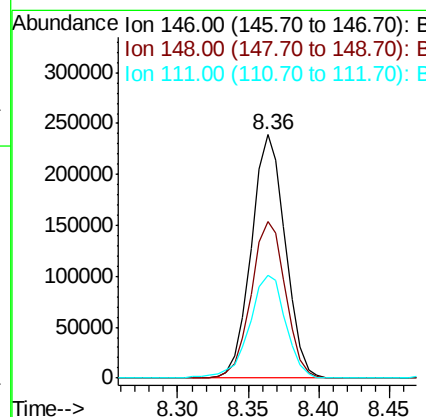
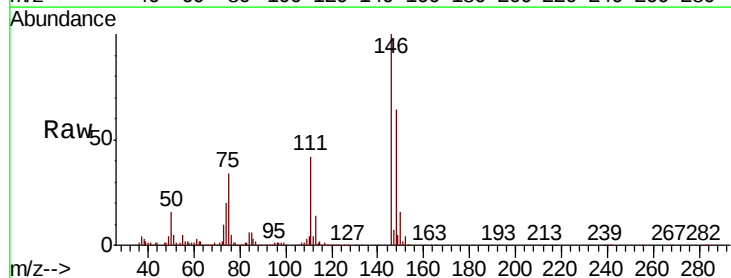
Manual Integrations
APPROVED

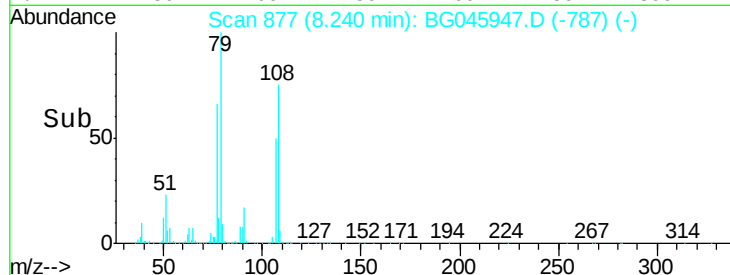
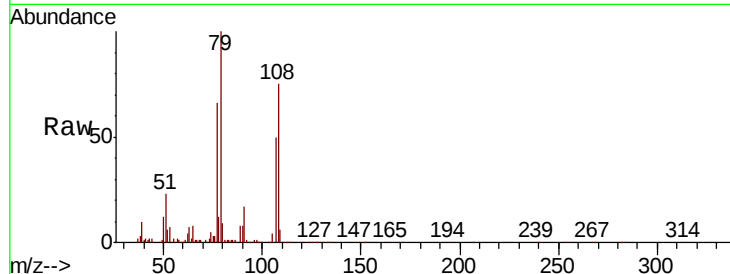
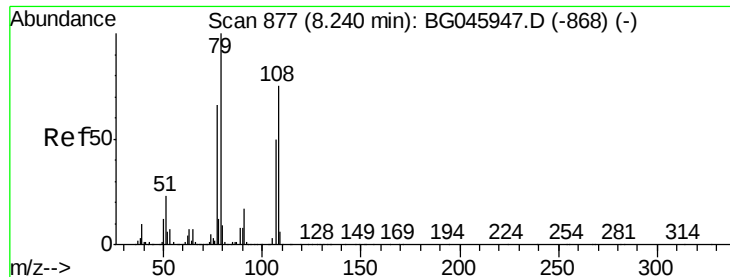
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#14
1,2-Dichlorobenzene
Concen: 39.291 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	42.5	34.0	51.0





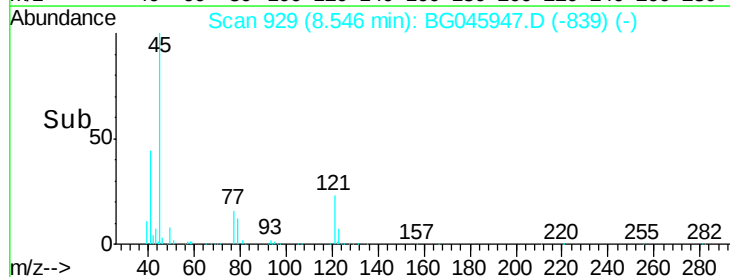
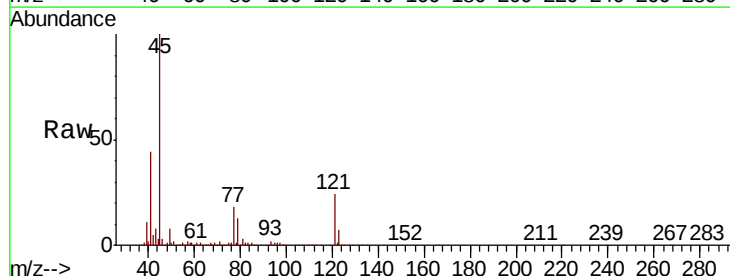
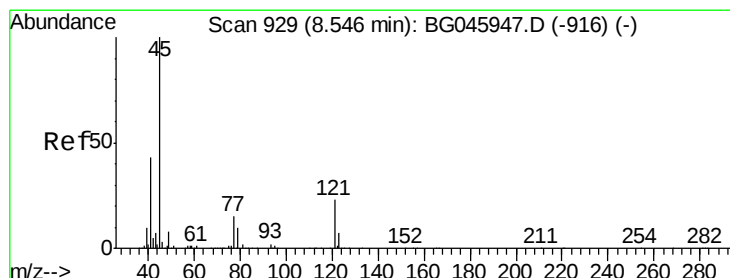
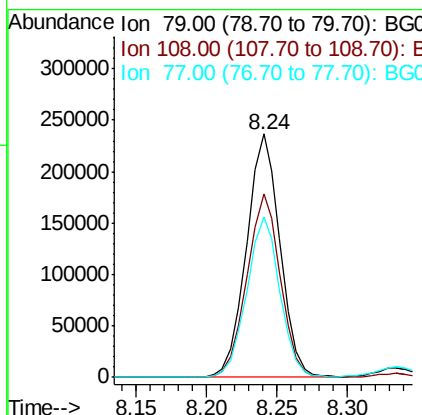
#15
Benzyl Alcohol
Concen: 39.559 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	60.2	90.4
77	66.1	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

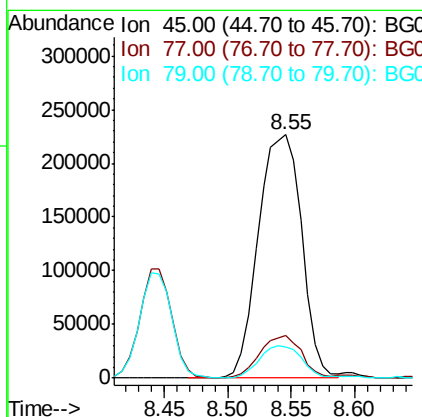
Manual Integrations
APPROVED

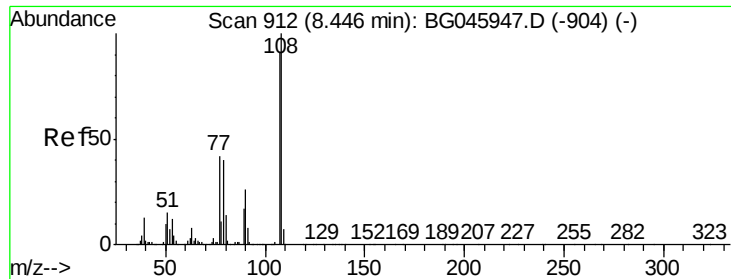
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.867 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.6
79	12.6	0.0	32.6





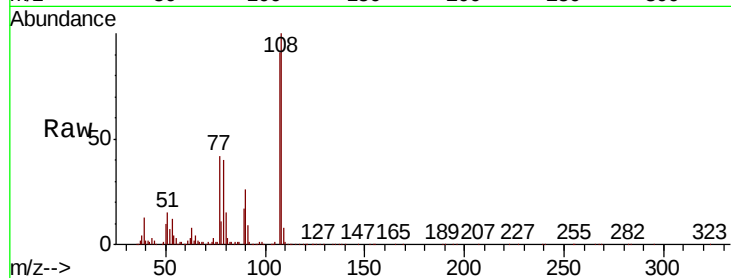
#17
2-Methylphenol
Concen: 40.872 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

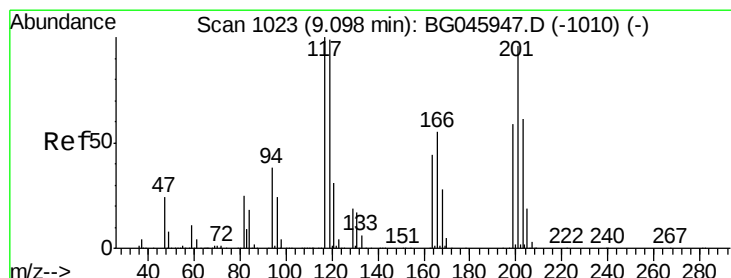
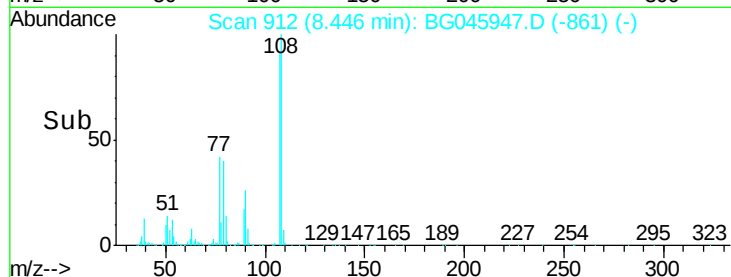
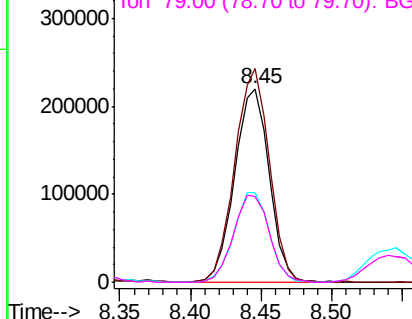
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	88.2	132.4	
77	46.2	37.0	55.4	
79	44.2	35.4	53.0	

Manual Integrations
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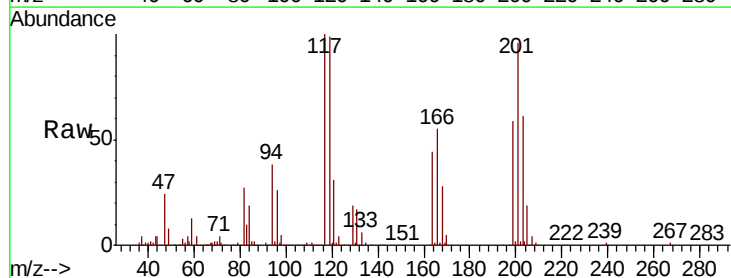


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

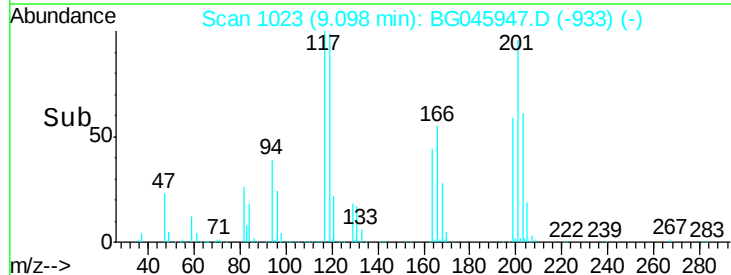
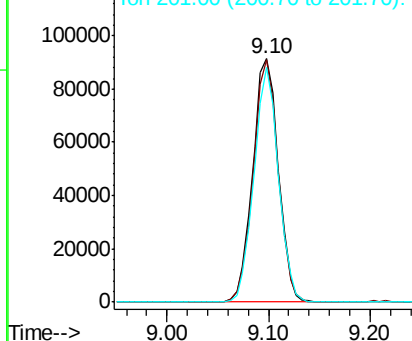


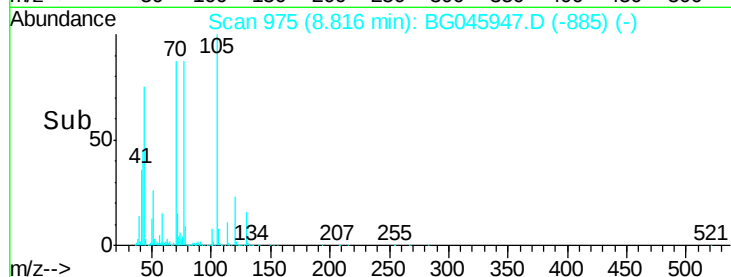
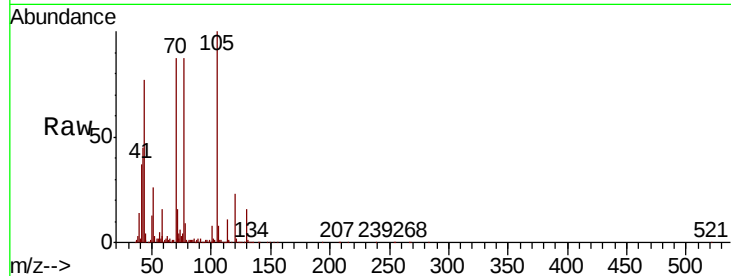
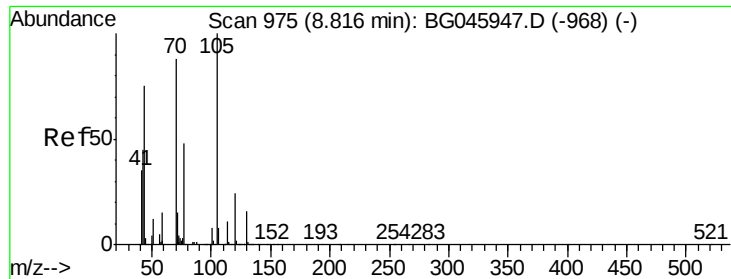
#18
Hexachloroethane
Concen: 39.664 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	79.5	119.3	
201	96.2	77.0	115.4	



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





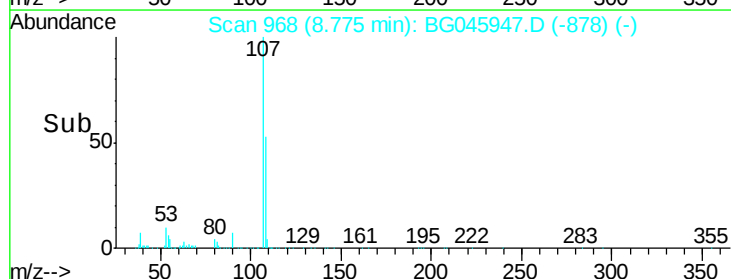
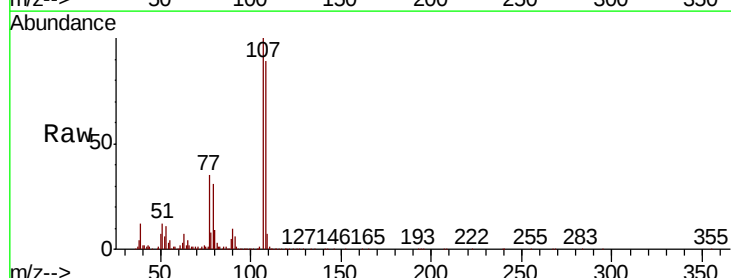
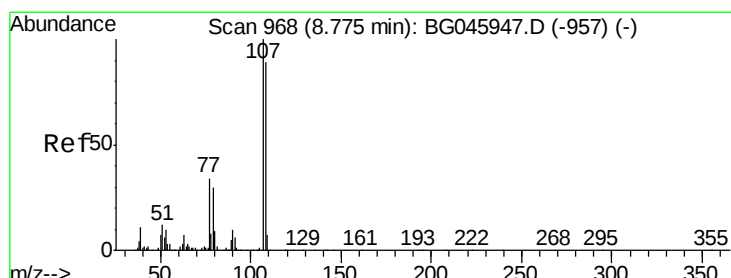
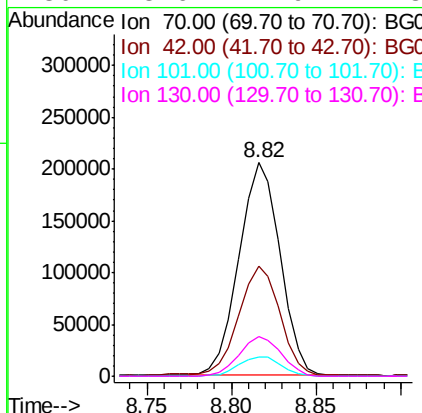
#19
n-Nitroso-di-n-propylamine
Concen: 41.372 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.4	62.0
101	8.9	7.1	10.7
130	18.6	14.9	22.3

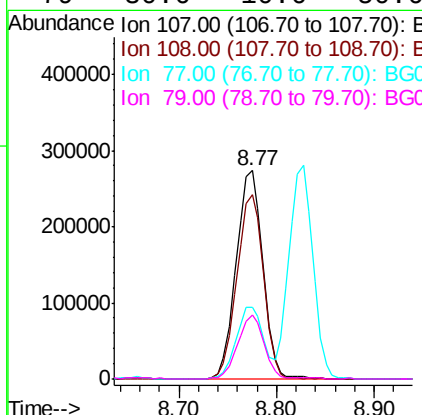
Manual Integrations
APPROVED

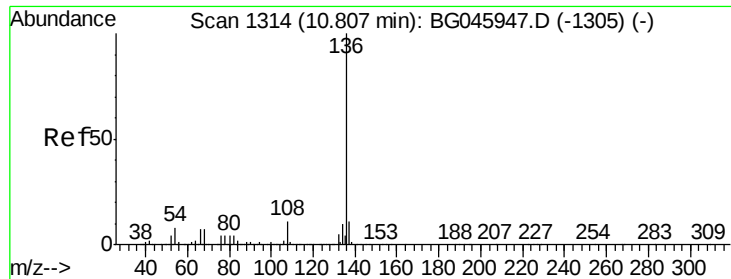
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#20
3+4-Methylphenols
Concen: 42.732 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	34.6	14.6	54.6
79	30.6	10.6	50.6





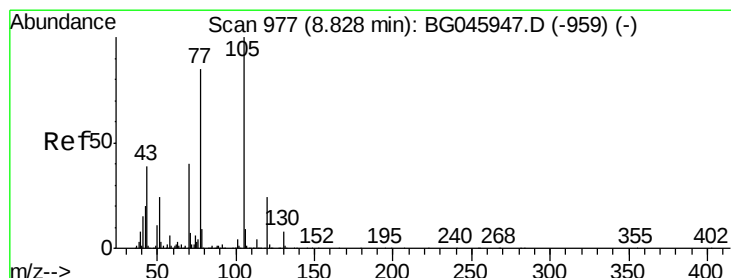
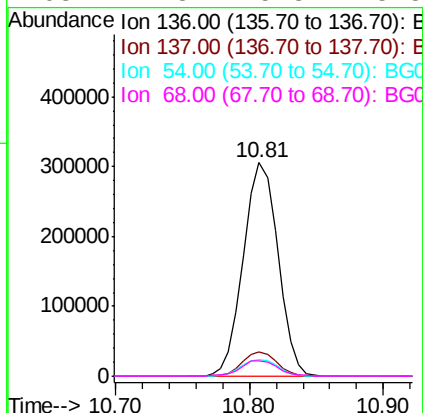
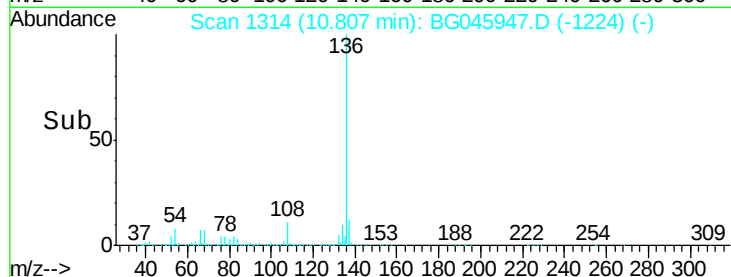
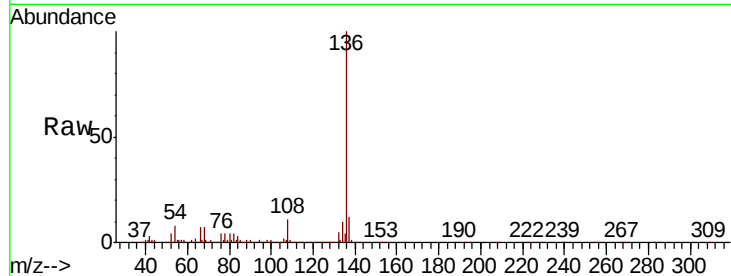
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		549264		
137	11.5	9.2	13.8		
54	7.8	6.2	9.4		
68	7.3	5.8	8.8		

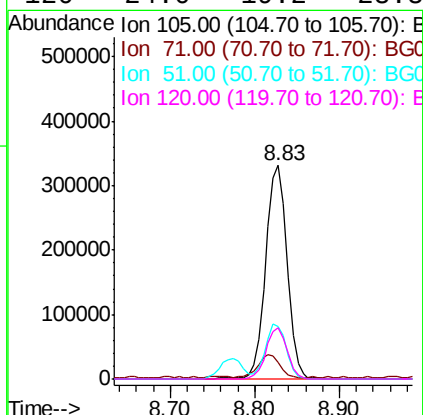
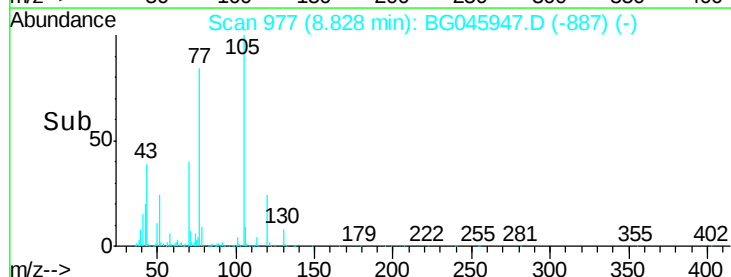
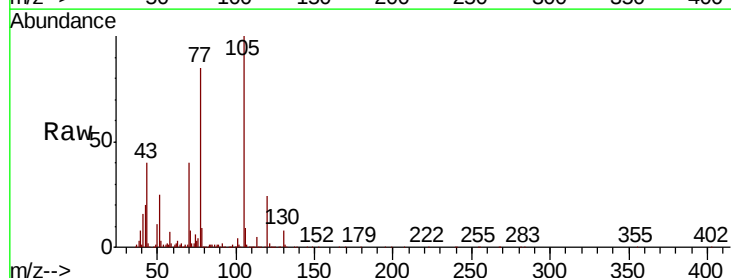
Manual Integrations
APPROVED

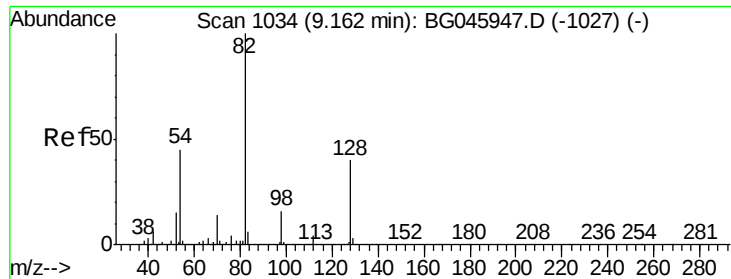
mohammad
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#22
Acetophenone
Concen: 38.816 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		585179		
71	7.7	6.2	9.2		
51	24.6	19.7	29.5		
120	24.0	19.2	28.8		





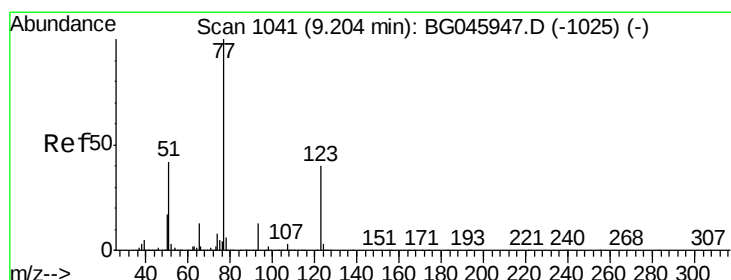
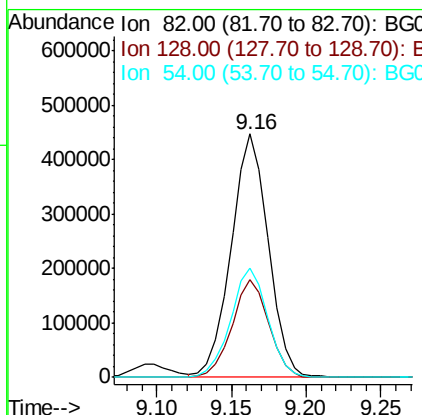
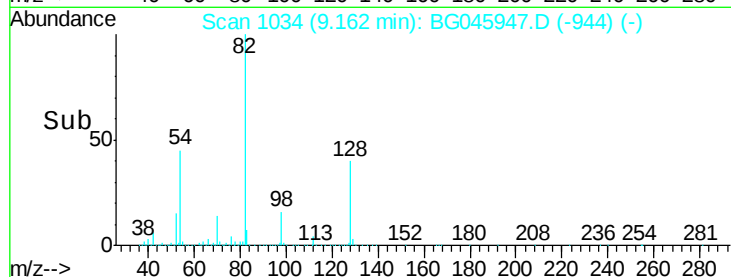
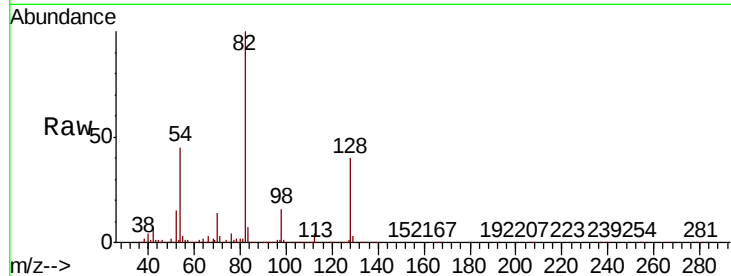
#23
Nitrobenzene-d5
Concen: 63.760 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.4
54	44.7	35.8	53.6

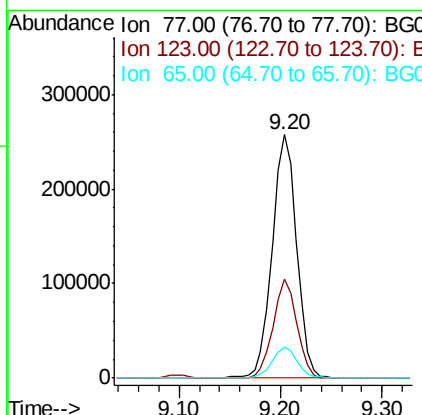
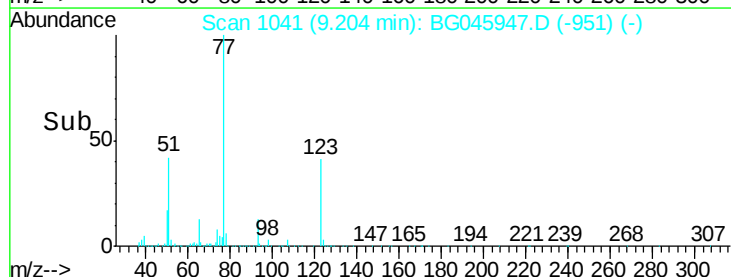
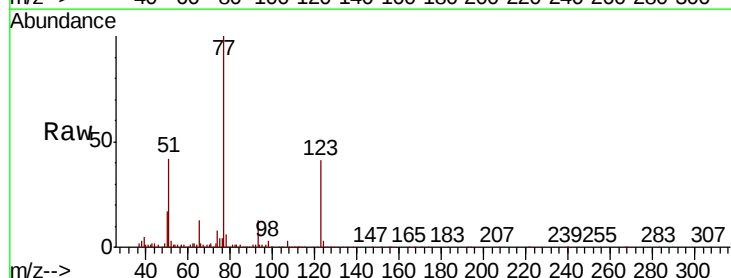
Manual Integrations
APPROVED

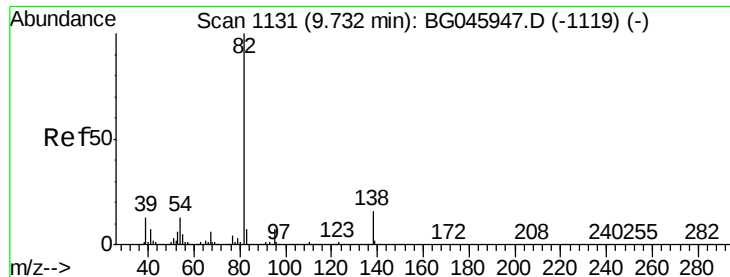
mohammad
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#24
Nitrobenzene
Concen: 33.712 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	32.7	49.1
65	12.8	10.2	15.4





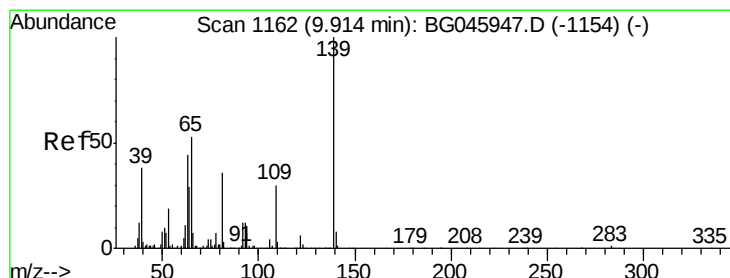
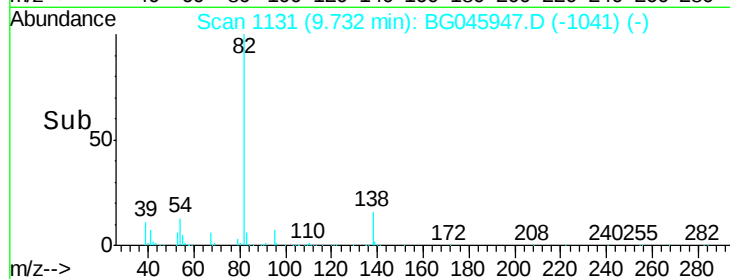
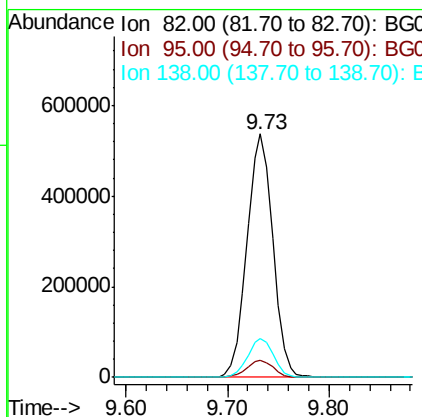
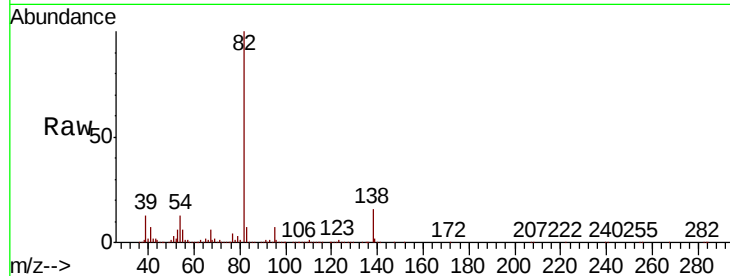
#25
Isophorone
Concen: 40.564 ng
RT: 9.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.8	8.6	
138	16.1	12.9	19.3	

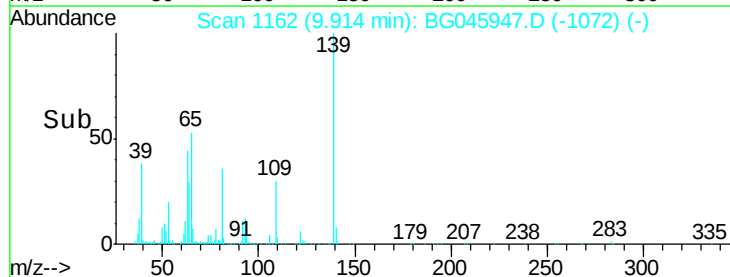
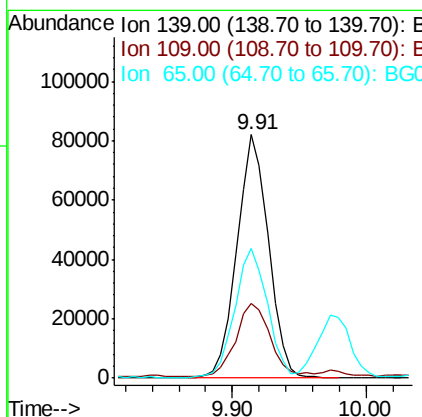
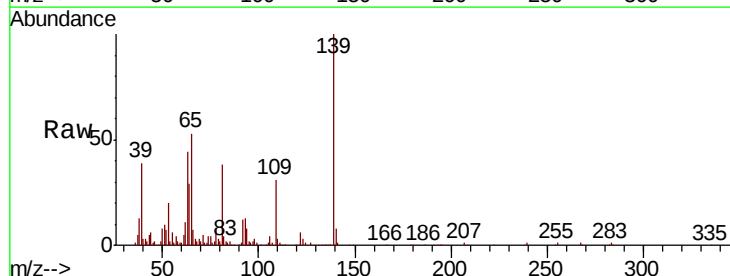
Manual Integrations
APPROVED

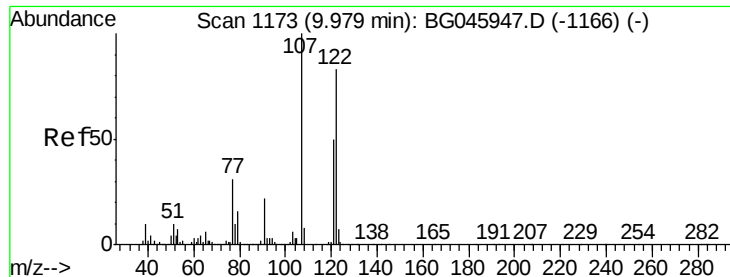
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#26
2-Nitrophenol
Concen: 25.114 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.8	24.6	37.0	
65	53.3	42.6	64.0	





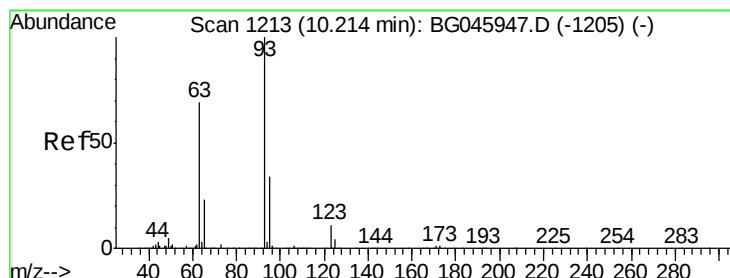
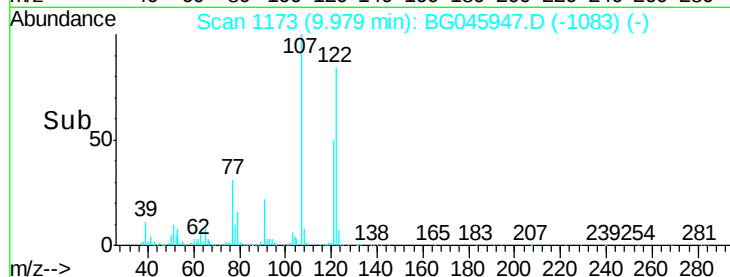
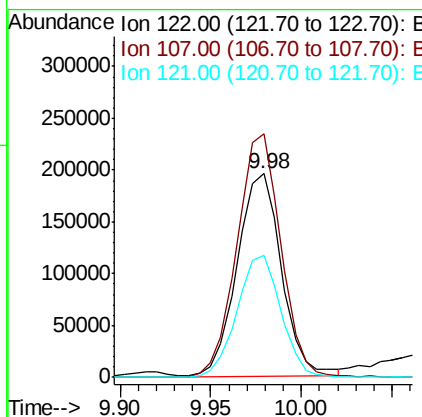
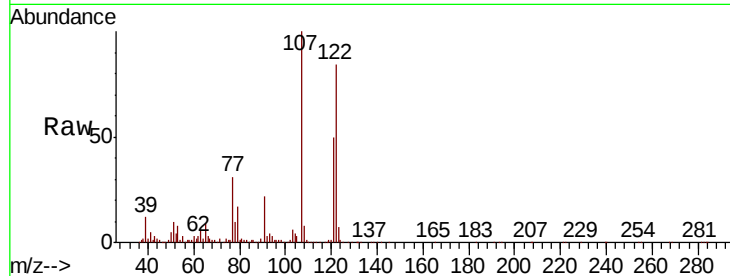
#27
2,4-Dimethylphenol
Concen: 41.143 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	95.6	143.4
121	59.6	47.7	71.5

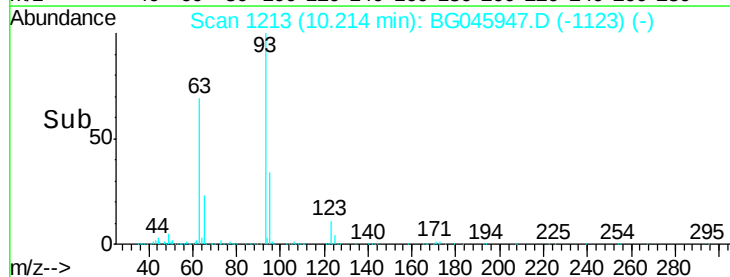
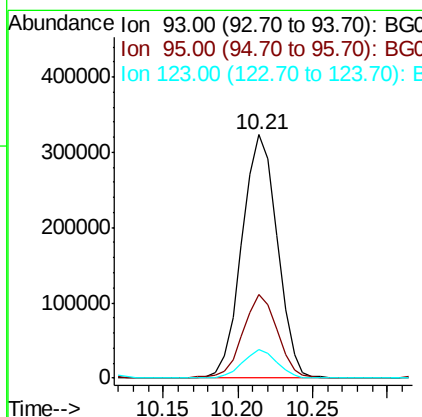
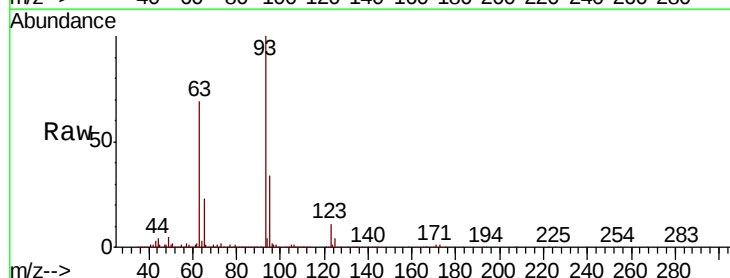
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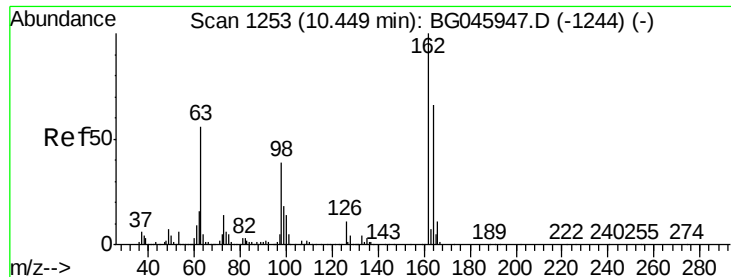
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#28
bis(2-Chloroethoxy)methane
Concen: 43.447 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	27.5	41.3
123	11.5	9.2	13.8





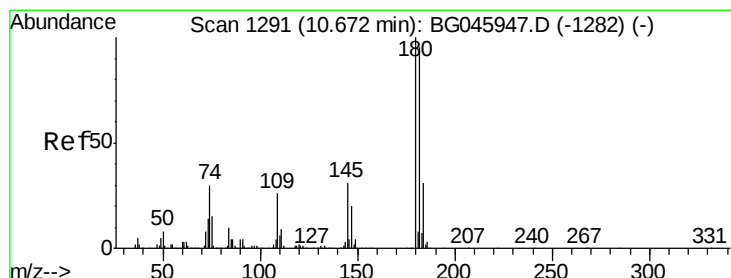
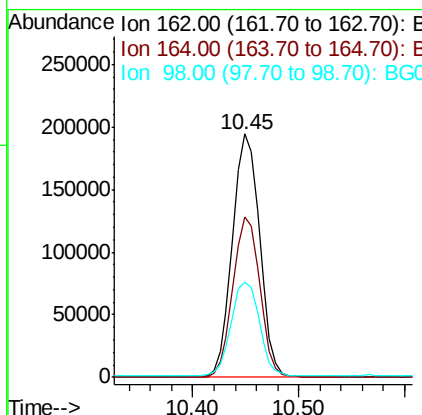
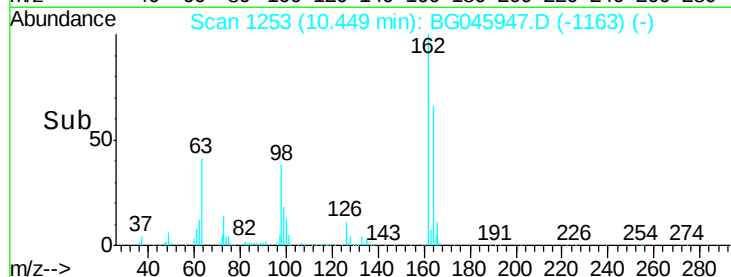
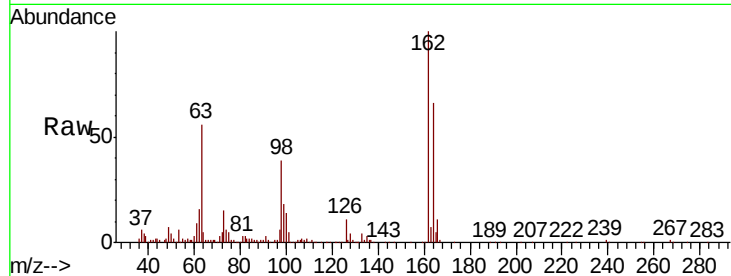
#29
2,4-Dichlorophenol
Concen: 36.545 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.0	86.0
98	39.2	19.2	59.2

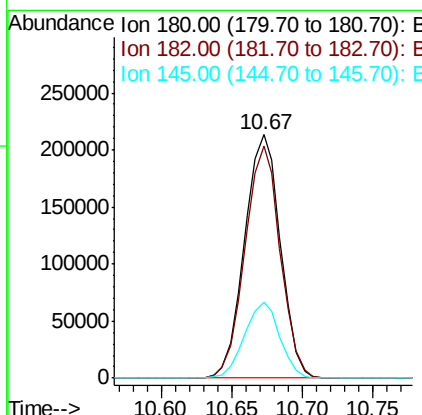
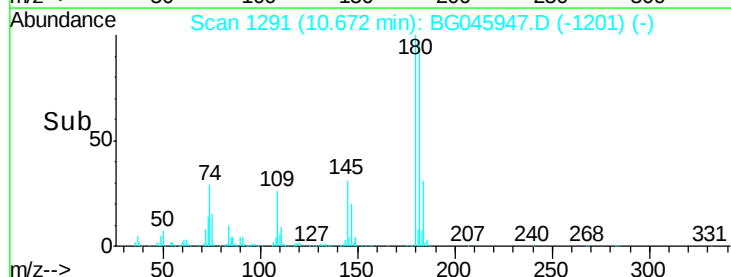
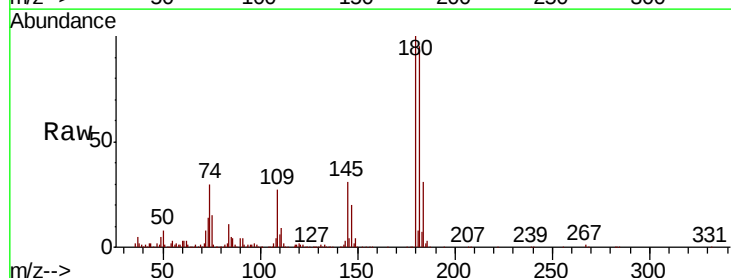
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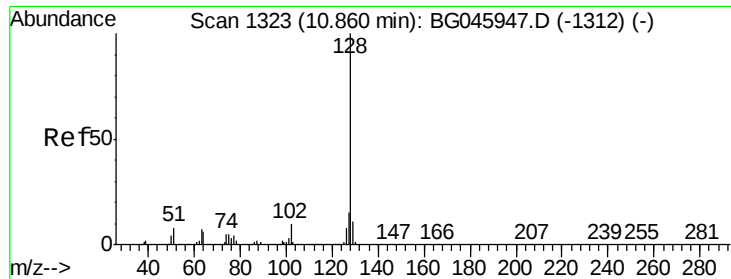
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#30
1,2,4-Trichlorobenzene
Concen: 33.648 ng
RT: 10.67 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
145	31.0	24.8	37.2





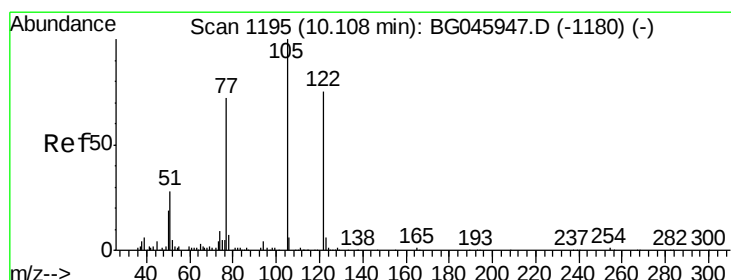
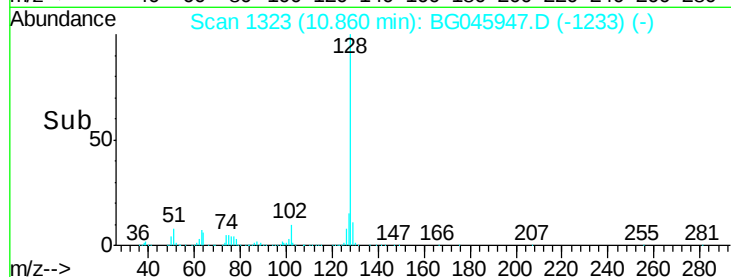
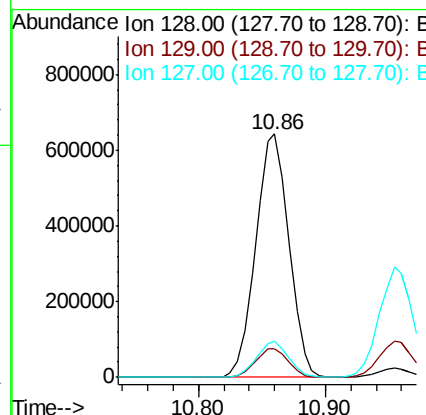
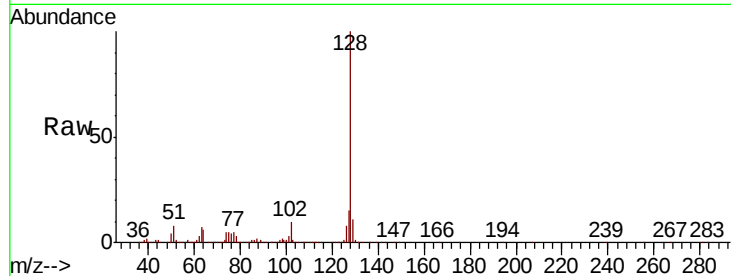
#31
Naphthalene
Concen: 38.904 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.7	11.8	17.6

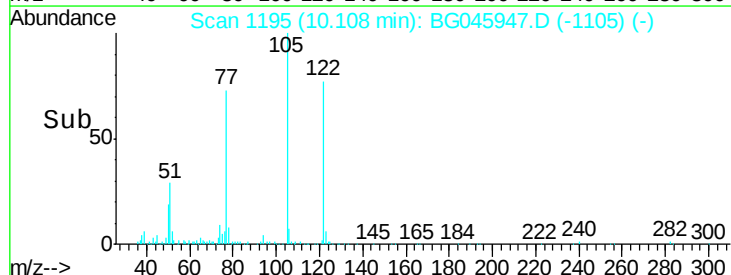
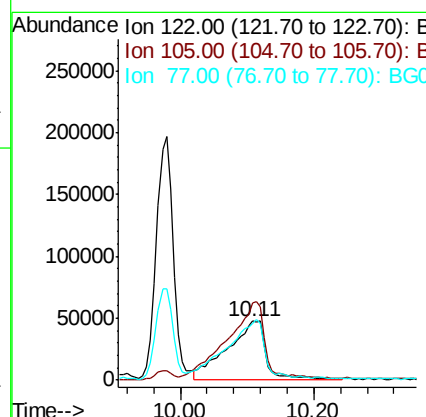
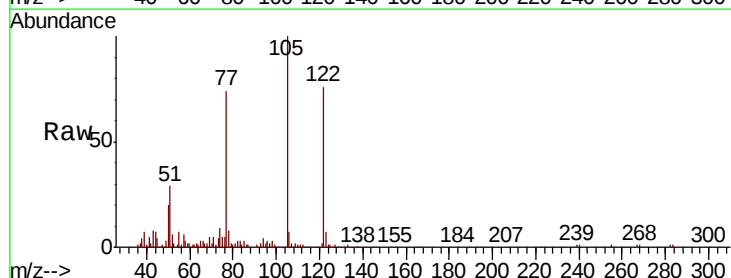
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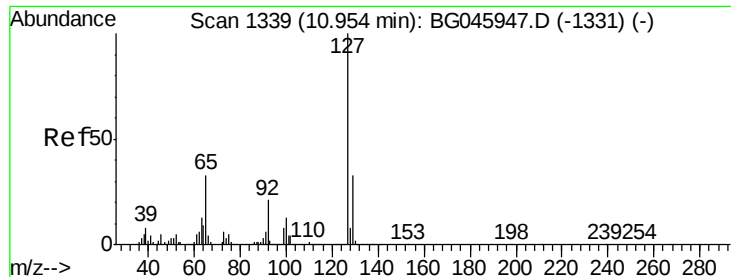
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#32
Benzoic acid
Concen: 40.309 ng m
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	110.8	150.8
77	96.4	76.4	116.4





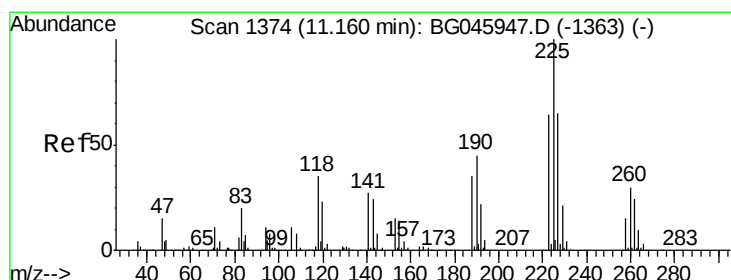
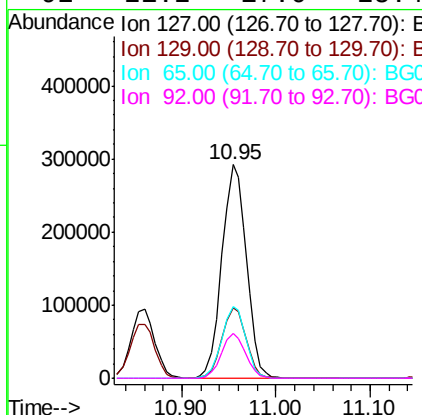
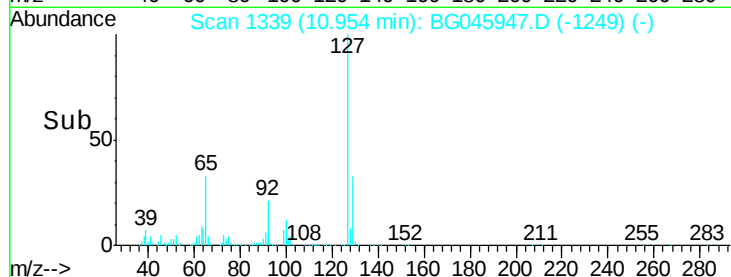
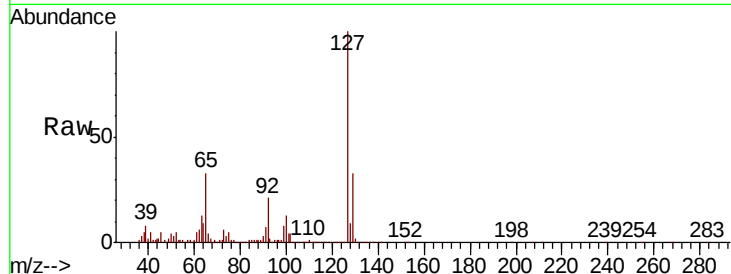
#33
4-Chloroaniline
Concen: 42.047 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.6	39.8		
65	33.5	26.8	40.2		
92	21.2	17.0	25.4		

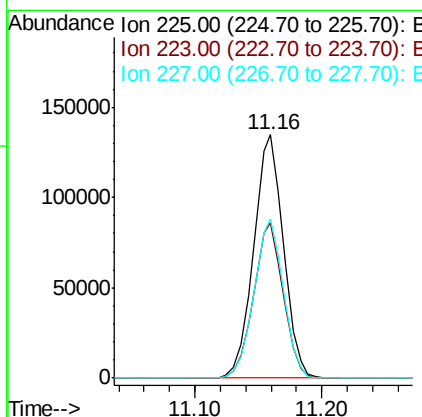
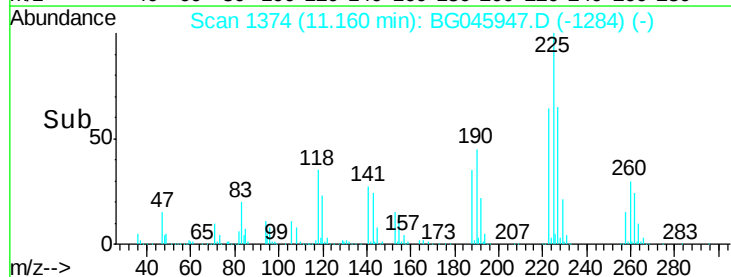
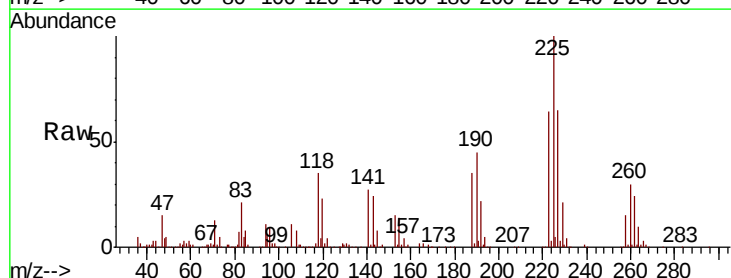
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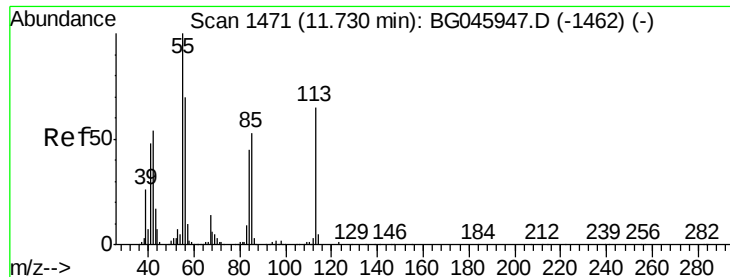
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#34
Hexachlorobutadiene
Concen: 27.436 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.2	76.8		
227	65.4	52.3	78.5		





#35

Caprolactam

Concen: 43.310 ng

RT: 11.73 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

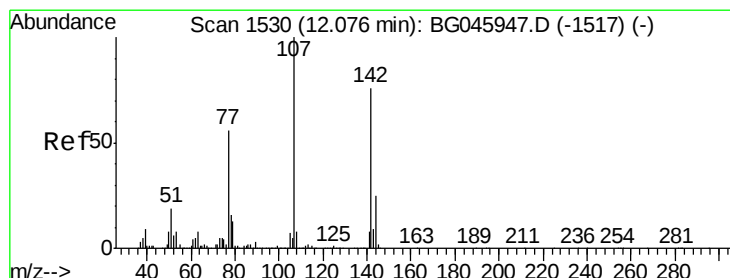
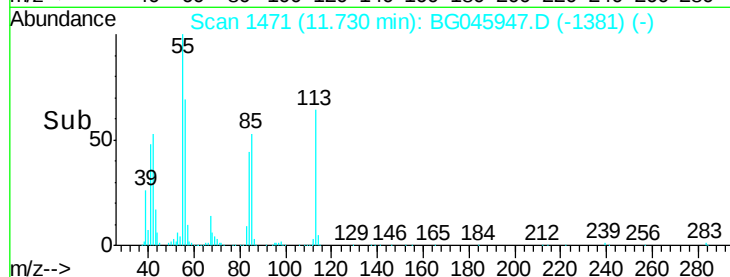
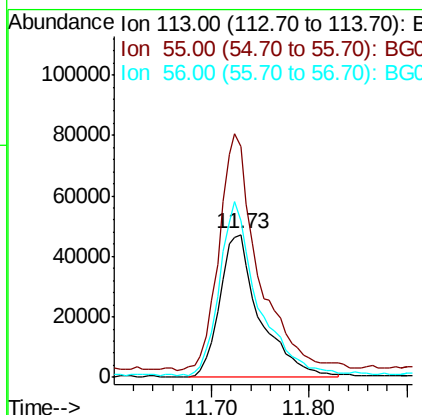
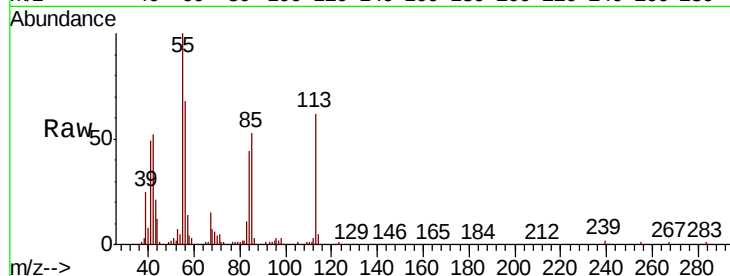
ClientSampleId :

SSTDICCC040

Tot Ion:	113	Resp:	133333
Ion Ratio	Lower	Upper	
113	100		
55	161.6	141.6	181.6
56	109.6	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 36.245 ng

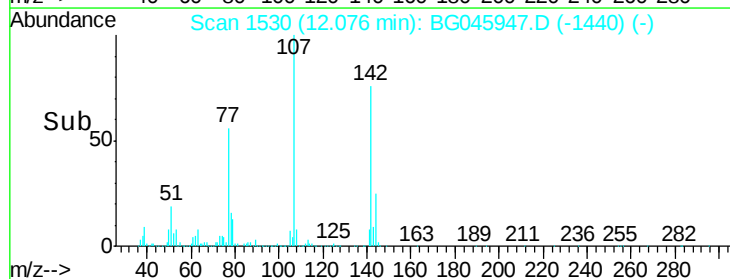
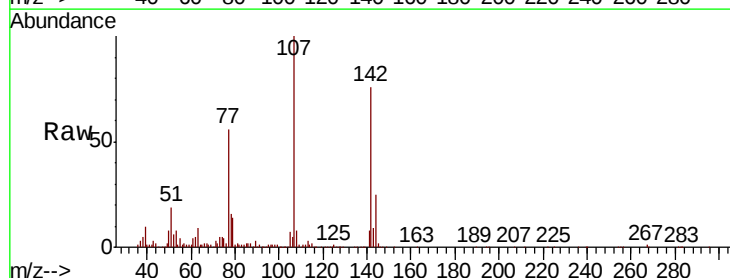
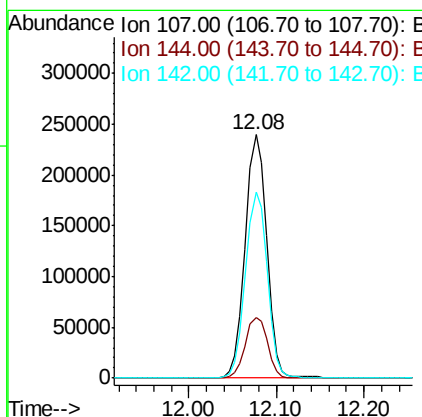
RT: 12.08 min Scan# 1530

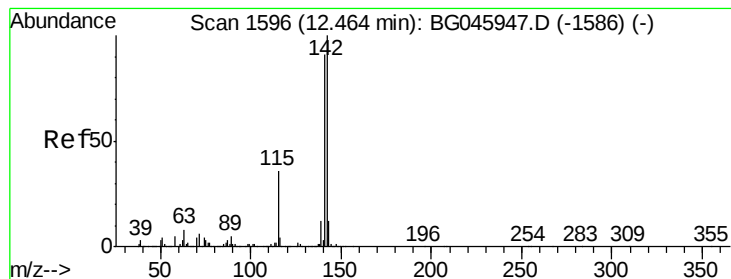
Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Tgt Ion:	107	Resp:	398126
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.0	30.0
142	76.4	61.1	91.7





#37

2-Methylnaphthalene

Concen: 37.714 ng

RT: 12.46 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

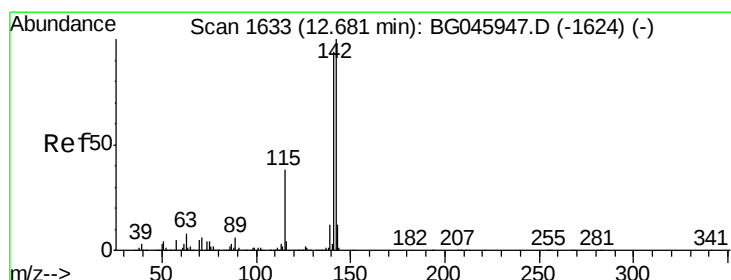
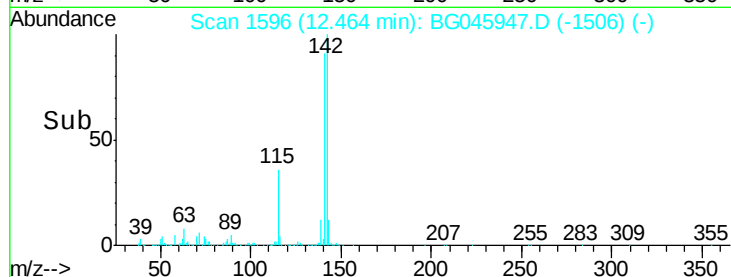
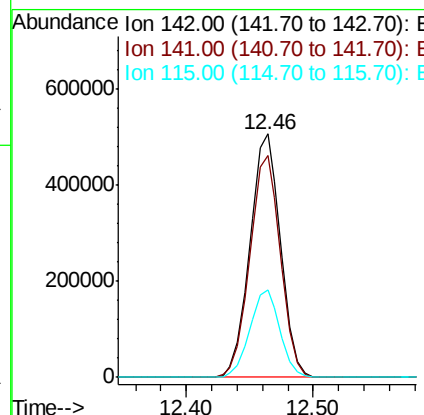
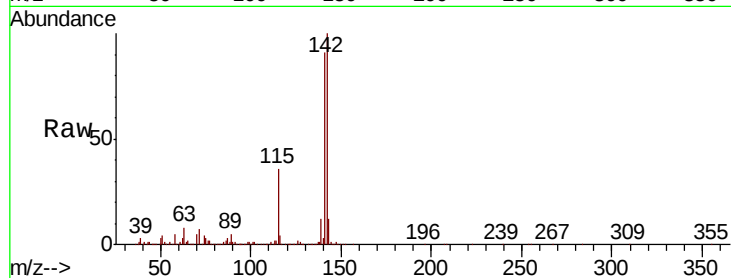
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
115	36.0	28.8	43.2

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#38

1-Methylnaphthalene

Concen: 37.517 ng

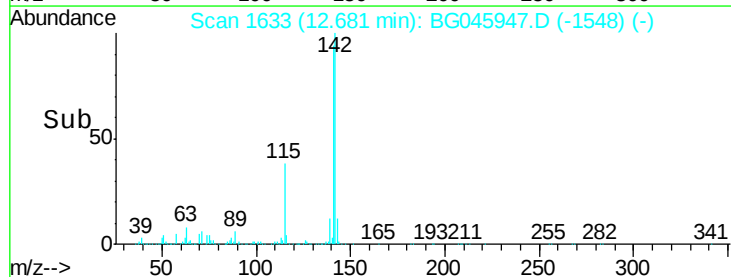
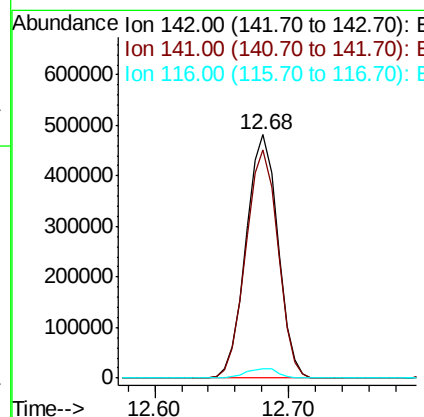
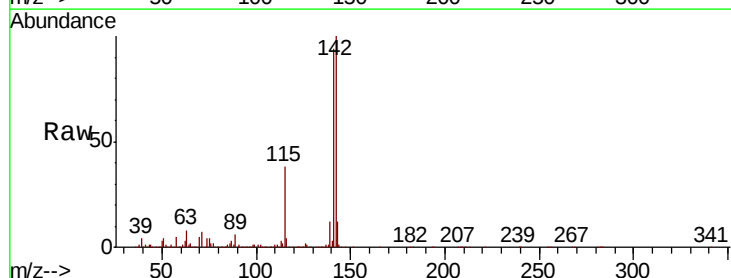
RT: 12.68 min Scan# 1633

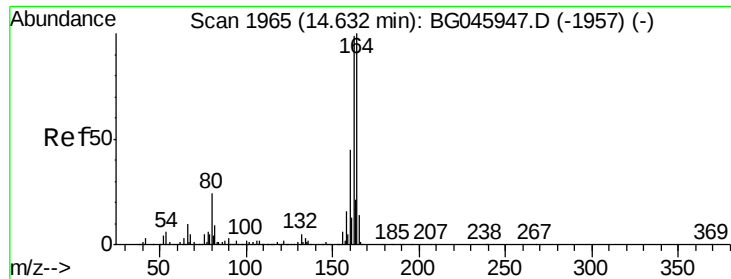
Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

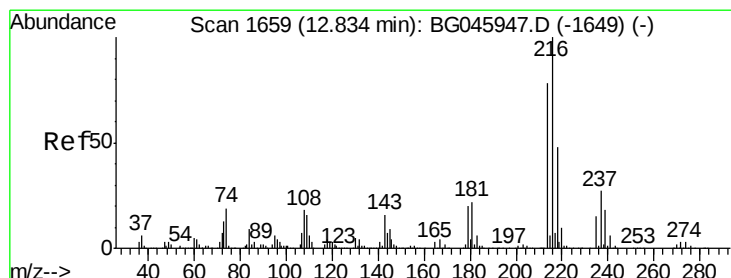
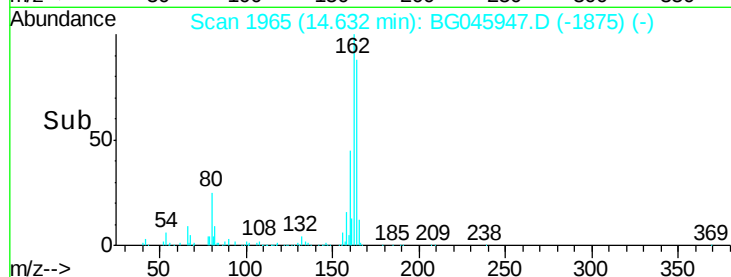
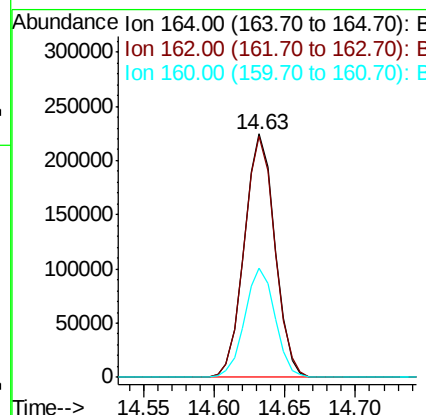
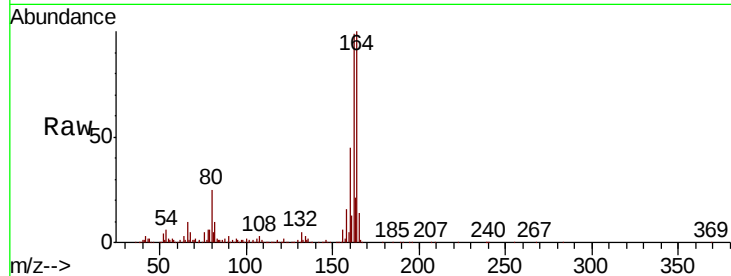
ClientSampleId :

SSTDICCC040

Tot Ion:	164	Resp:	339291
Ion Ratio	Lower	Upper	
164	100		
162	99.1	79.3	118.9
160	44.6	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.320 ng

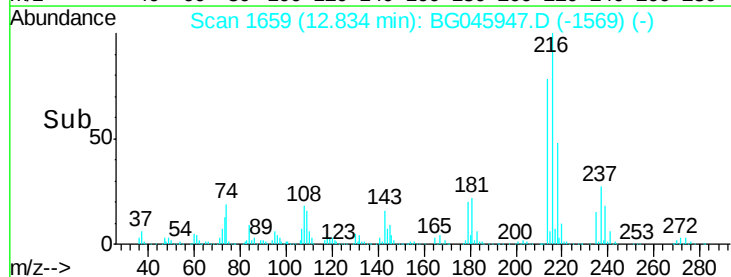
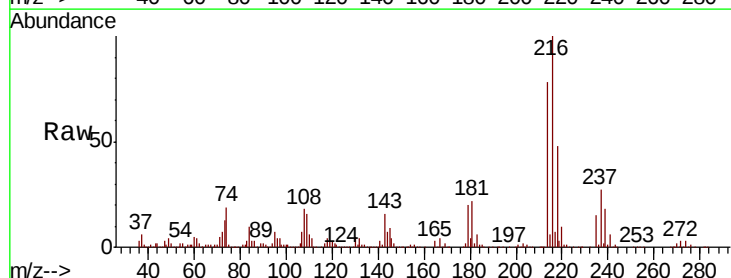
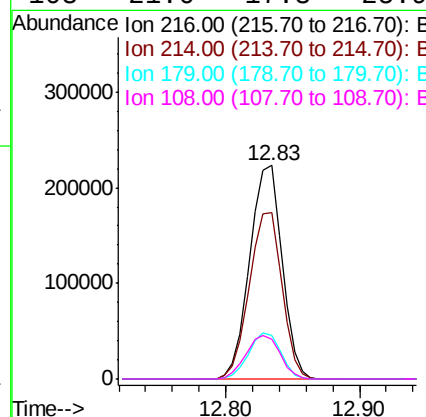
RT: 12.83 min Scan# 1659

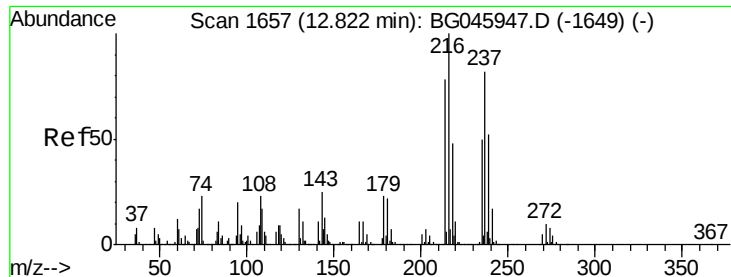
Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Tgt Ion:	216	Resp:	372248
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.4
179	21.3	17.0	25.6
108	21.6	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 44.126 ng

RT: 12.82 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

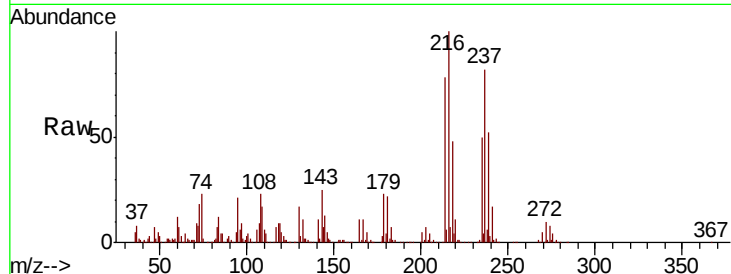
ClientSampleId :

SSTDICCC040

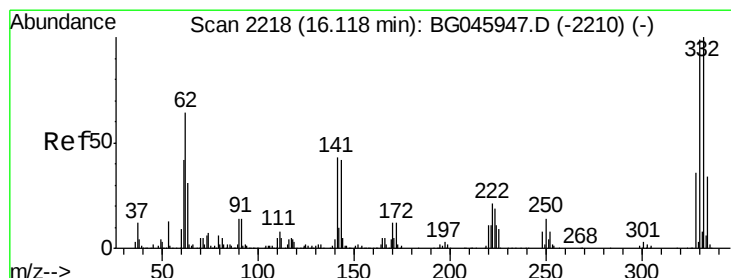
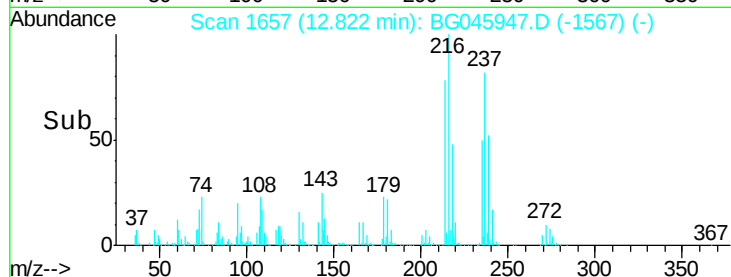
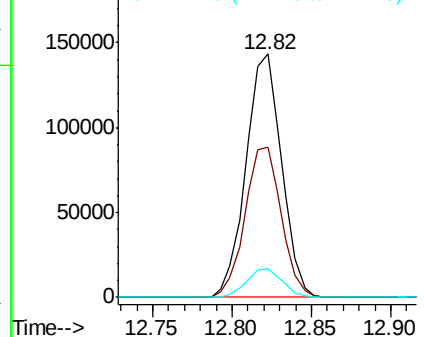
Tot Ion:	237	Resp:	223713
Ion Ratio	Lower	Upper	
237	100		
235	61.5	41.5	81.5
272	11.7	0.0	31.7

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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: 50.212 ng

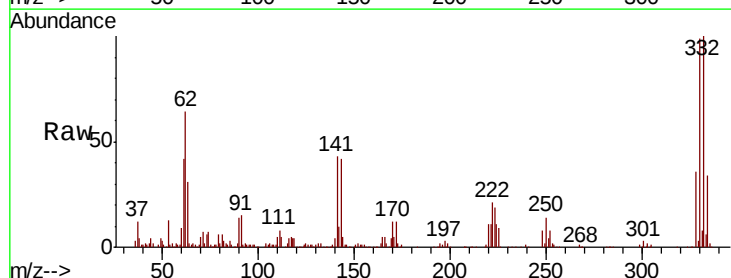
RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

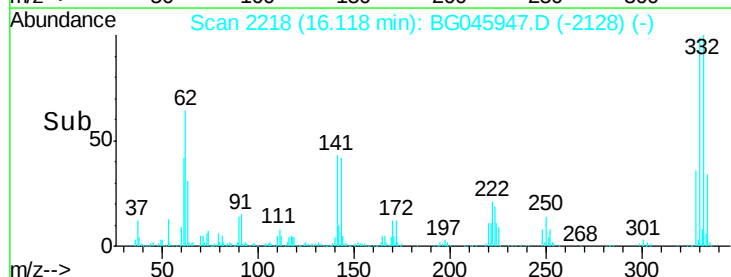
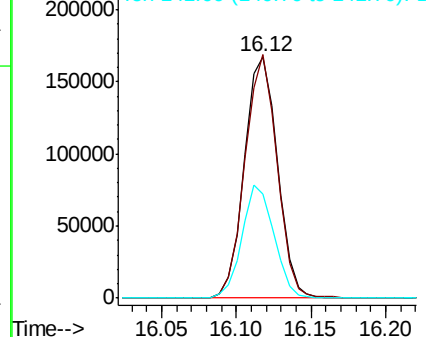
Lab File: BG045947.D

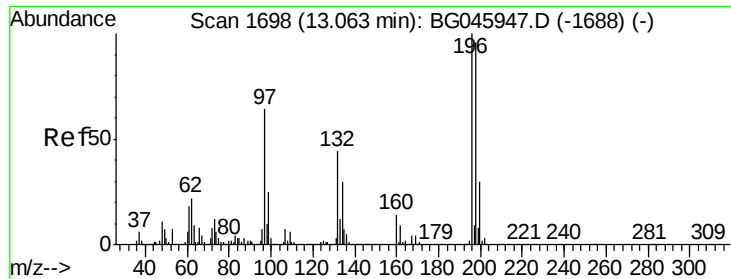
Acq: 6 Jul 2020 19:41

Tgt Ion:	330	Resp:	257207
Ion Ratio	Lower	Upper	
330	100		
332	97.9	78.3	117.5
141	45.7	36.6	54.8



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





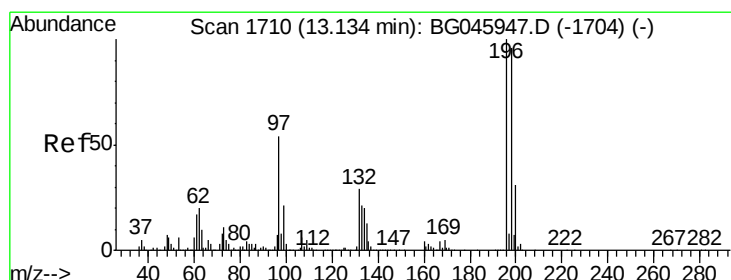
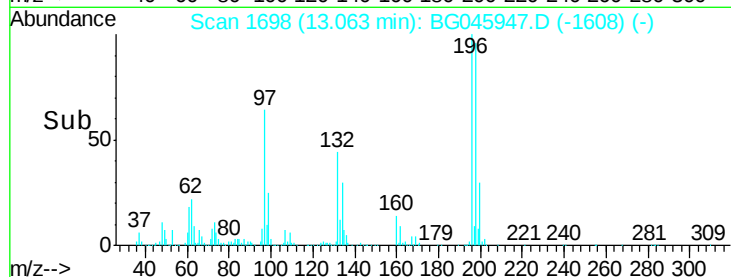
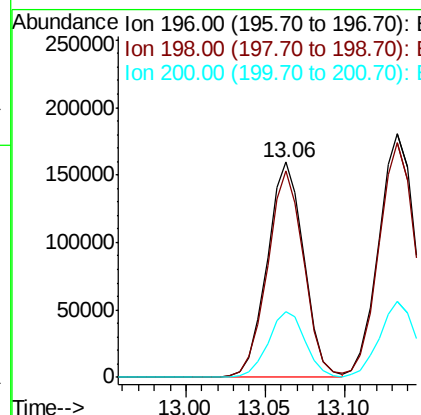
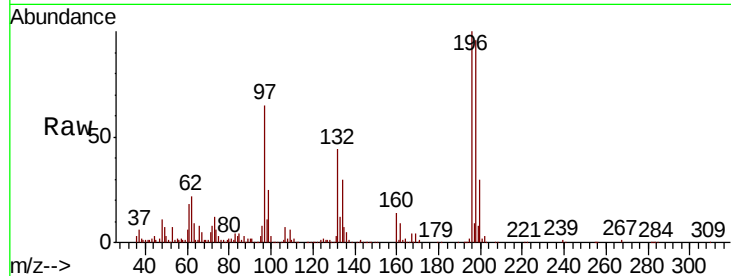
#43
 2,4,6-Trichlorophenol
 Concen: 33.831 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256259		
198	95.9	76.7	115.1	
200	30.4	24.3	36.5	

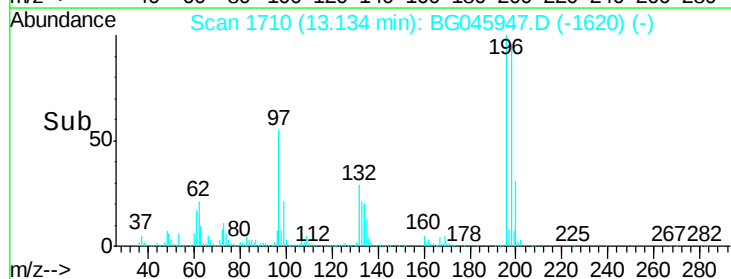
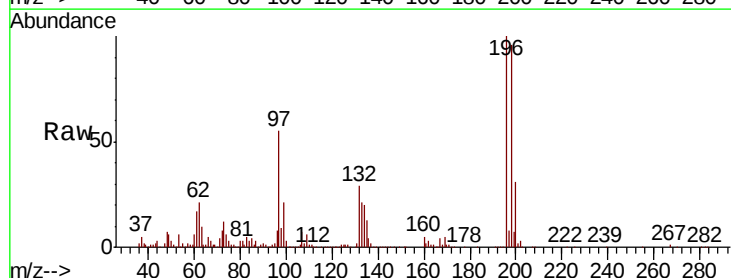
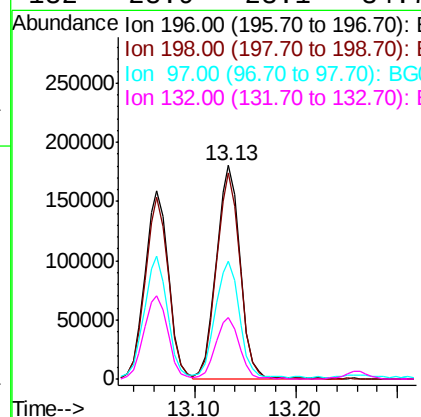
Manual Integrations
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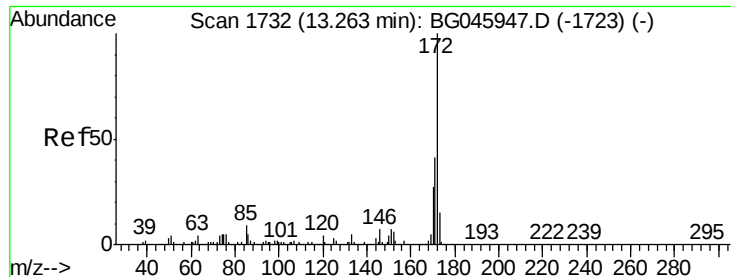
mohammad
 7/7/2020 12:03:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 33.800 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291792		
198	96.3	77.0	115.6	
97	55.4	44.3	66.5	
132	28.9	23.1	34.7	





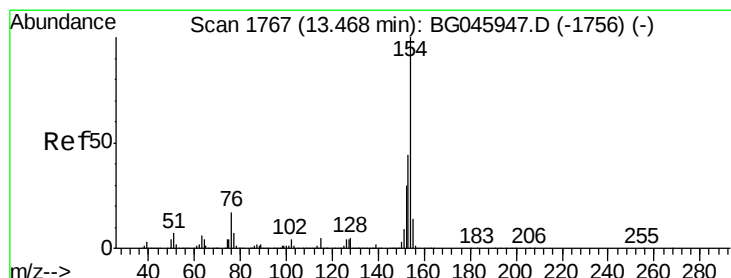
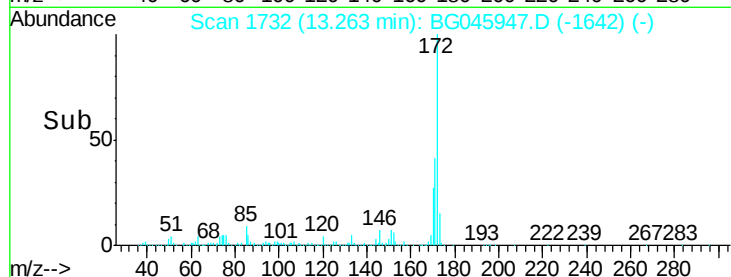
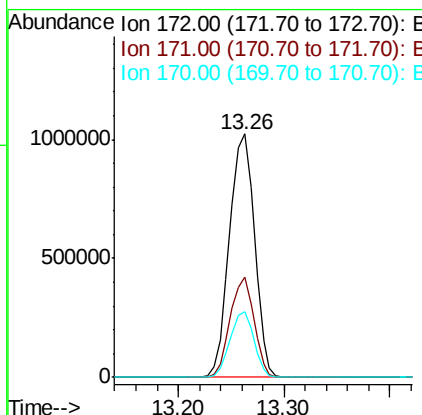
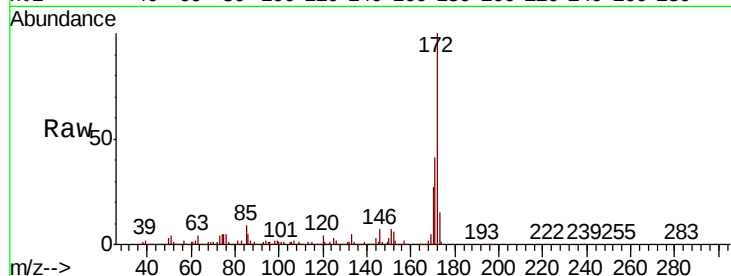
#45
2-Fluorobiphenyl
Concen: 72.669 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	32.9	49.3
170	27.2	21.8	32.6

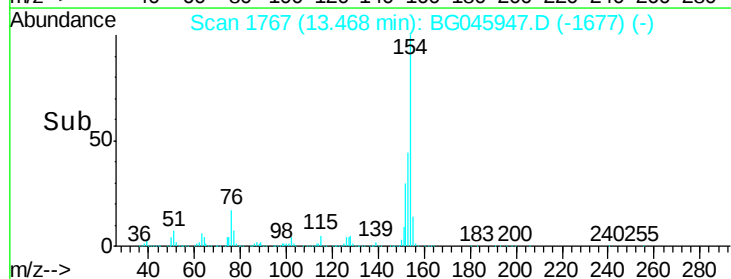
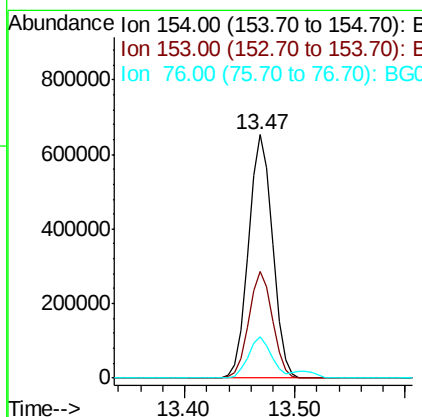
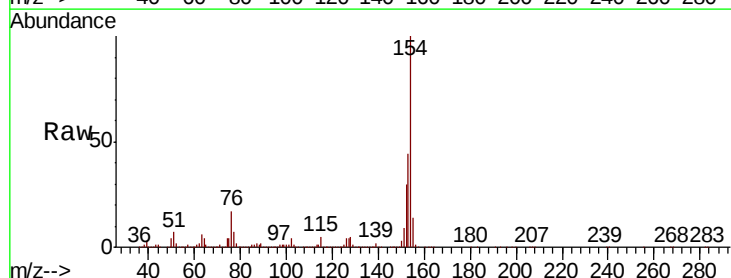
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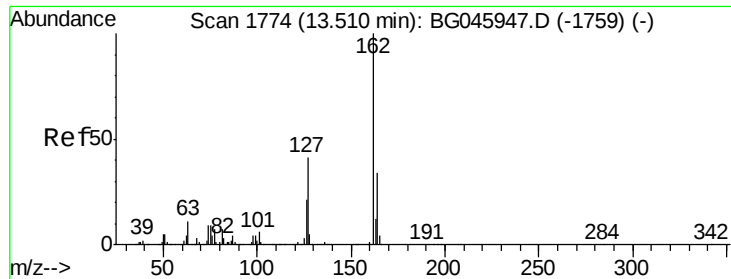
mohammad
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#46
1,1'-Biphenyl
Concen: 41.019 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.6	63.6
76	16.9	0.0	36.9





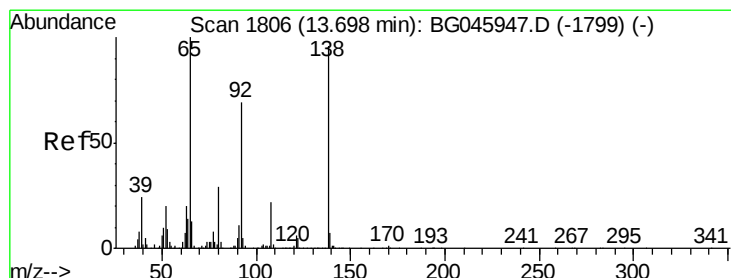
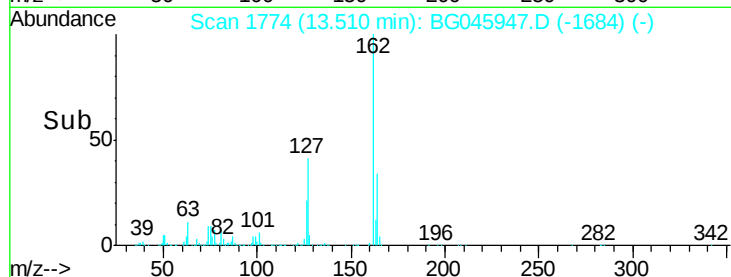
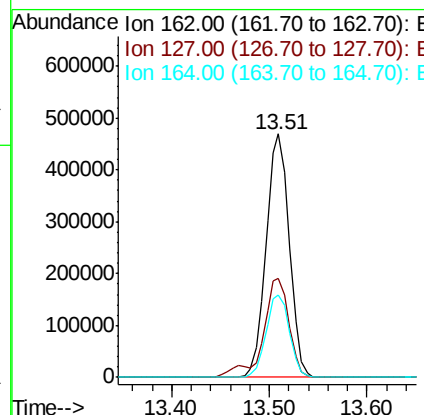
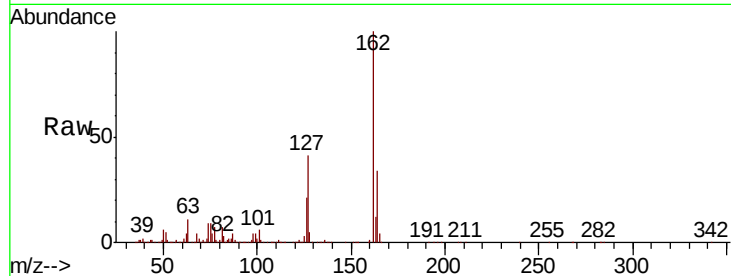
#47
2-Chloronaphthalene
Concen: 39.933 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.5	48.7
164	34.0	27.2	40.8

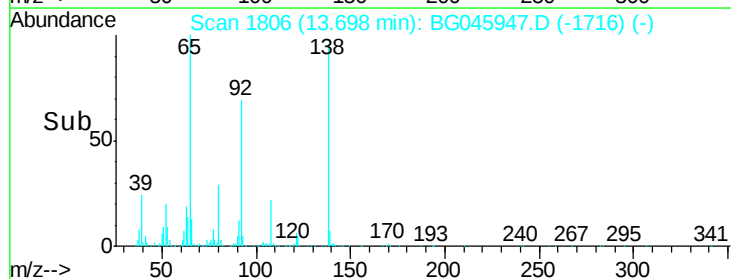
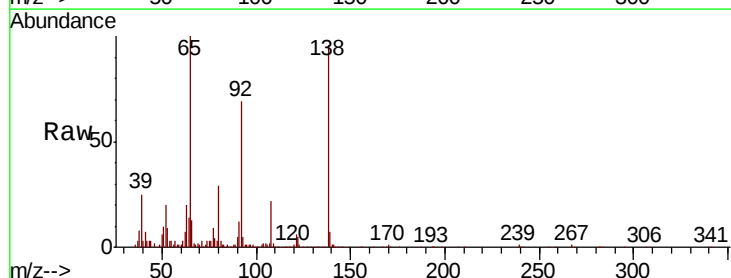
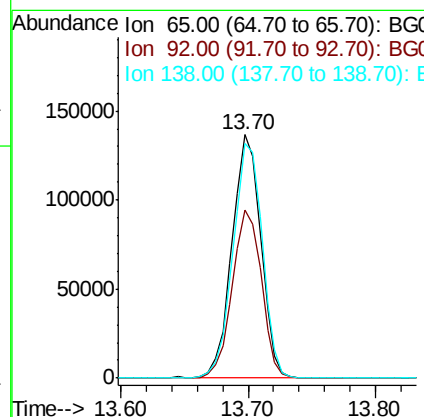
Manual Integrations
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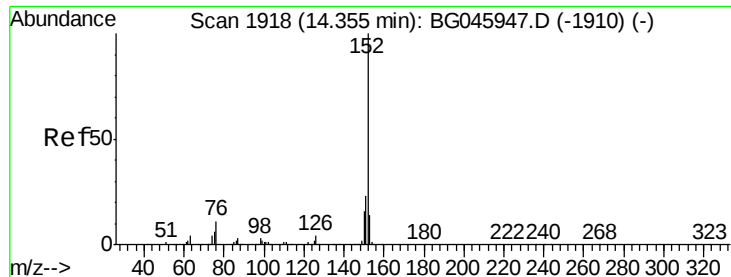
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#48
2-Nitroaniline
Concen: 32.710 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	96.2	77.0	115.4





#49

Acenaphthylene

Concen: 40.467 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1271873

Ion Ratio Lower Upper

152 100

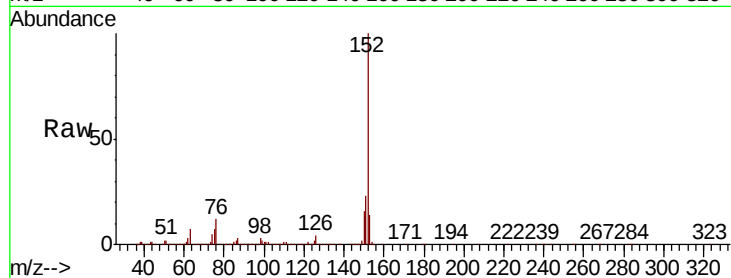
151 22.6 18.1 27.1

153 14.4 11.5 17.3

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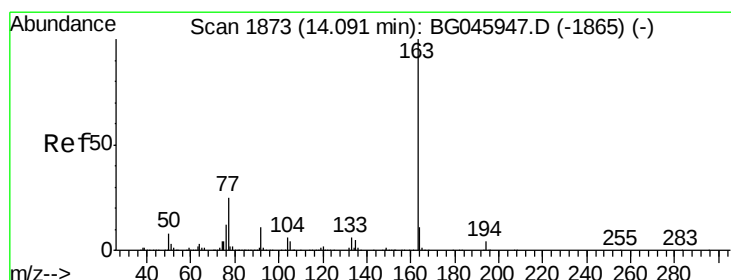
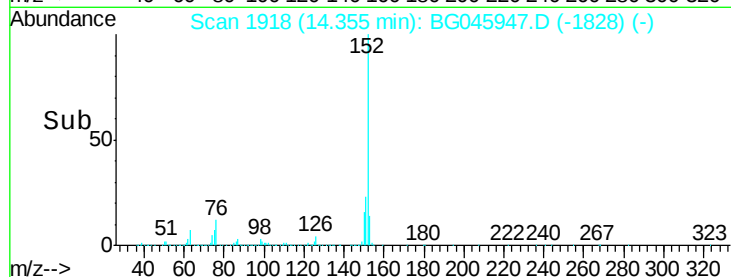
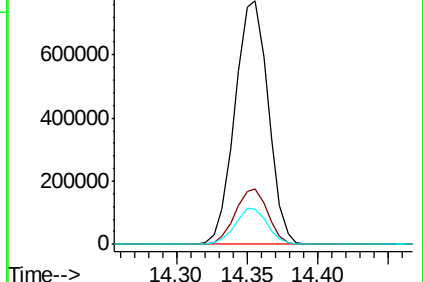
7/7/2020 12:03:27 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.466 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

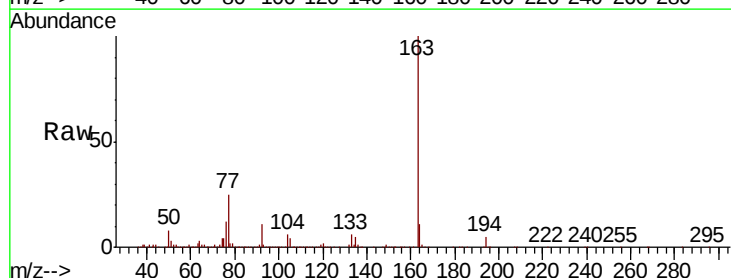
Tgt Ion:163 Resp: 995852

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

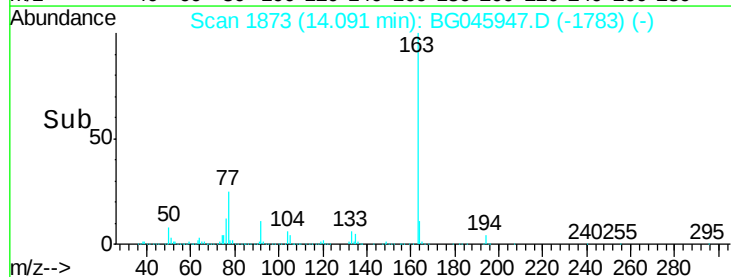
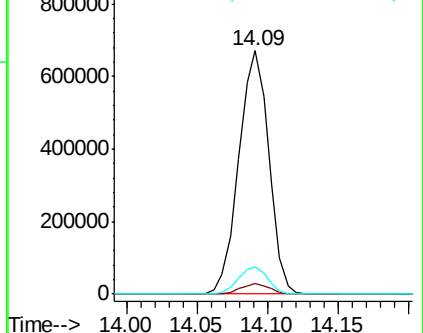
164 11.1 8.9 13.3

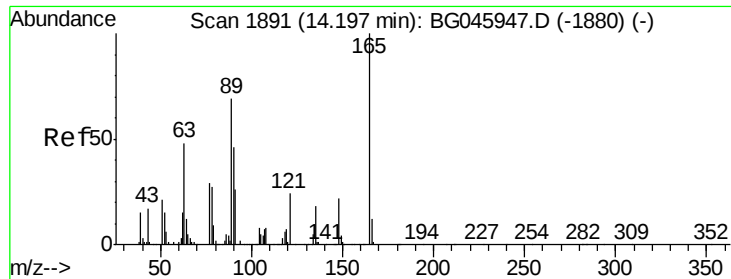


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





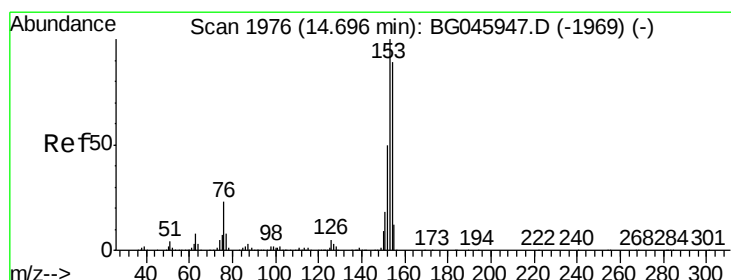
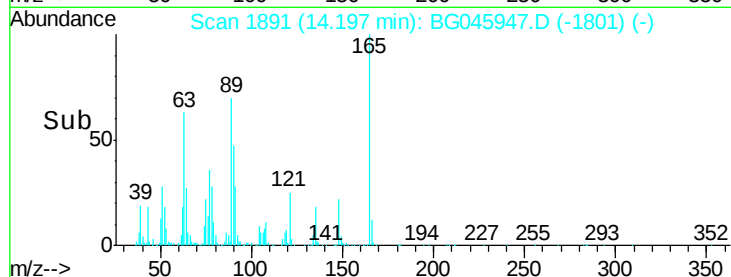
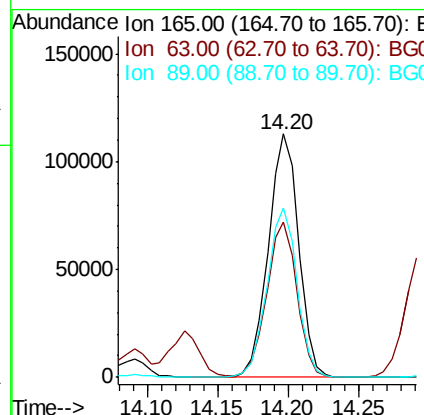
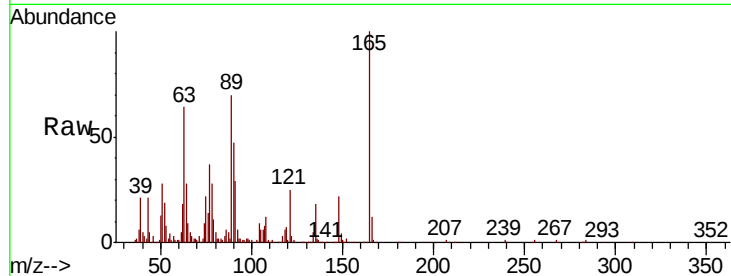
#51
 2,6-Dinitrotoluene
 Concen: 28.552 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.7	51.0	76.4
89	69.6	55.7	83.5

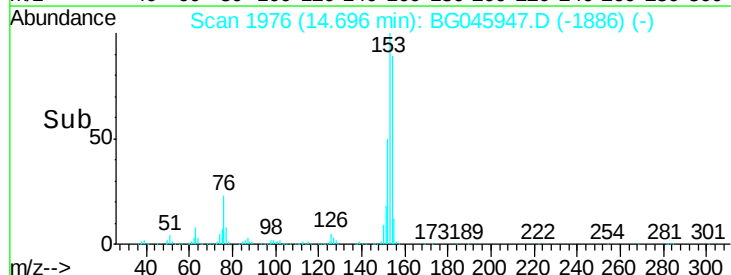
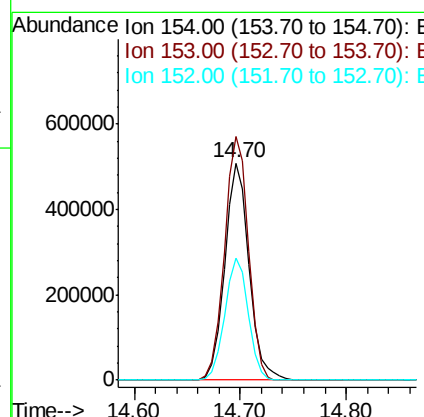
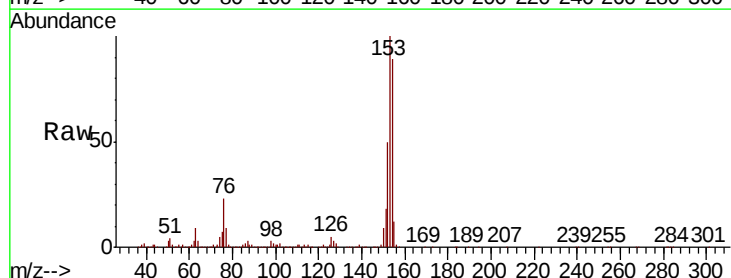
Manual Integrations
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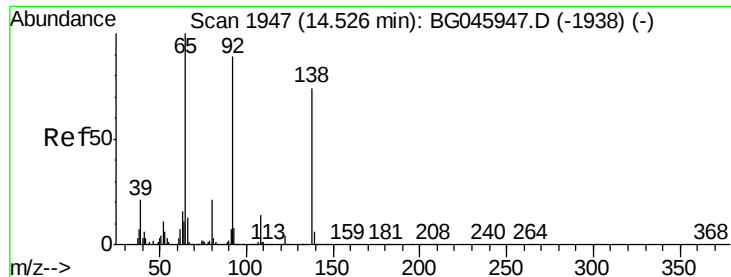
mohammad
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#52
 Acenaphthene
 Concen: 42.433 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.7	134.5
152	55.9	44.7	67.1





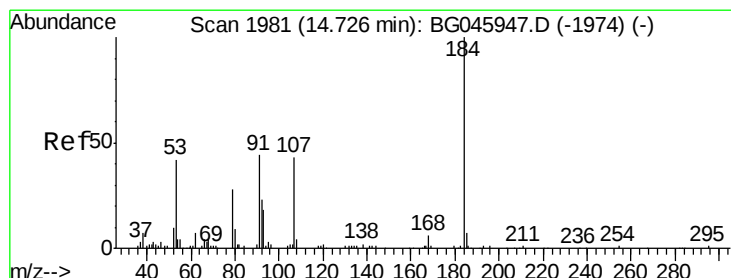
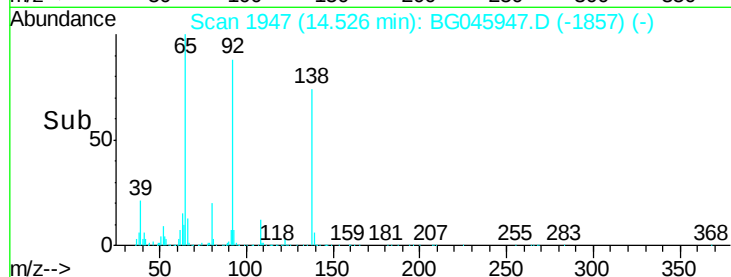
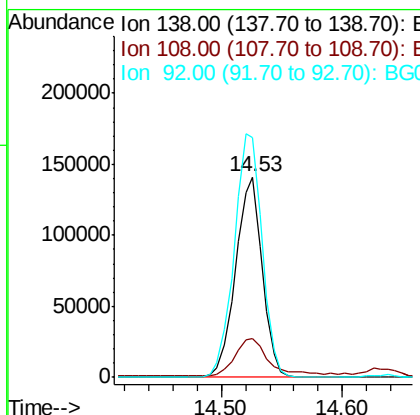
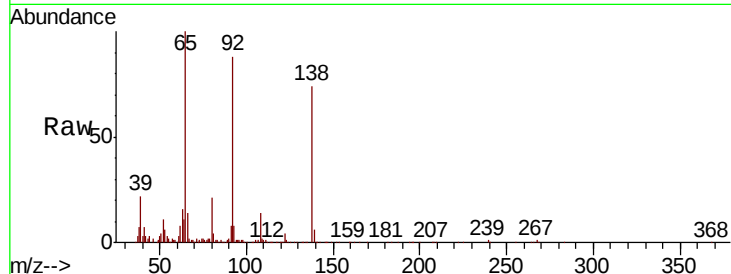
#53
3-Nitroaniline
Concen: 36.302 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	19.3	15.4	23.2
92	119.9	95.9	143.9

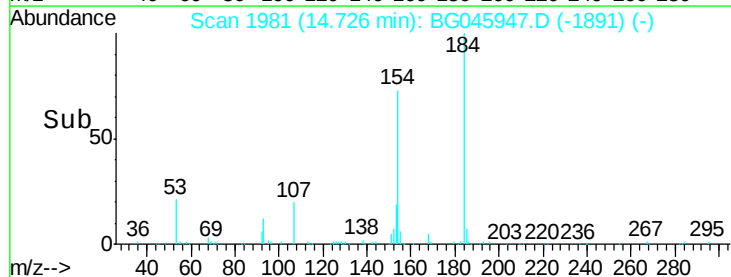
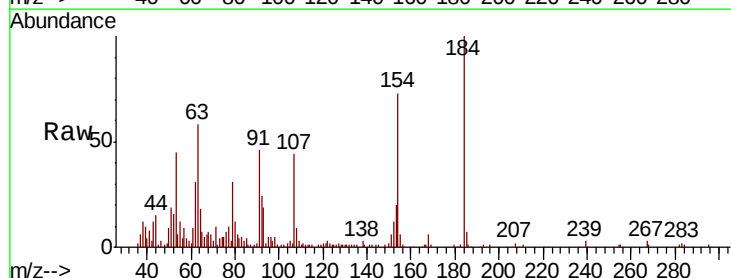
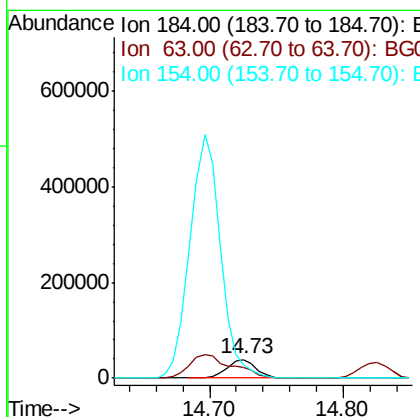
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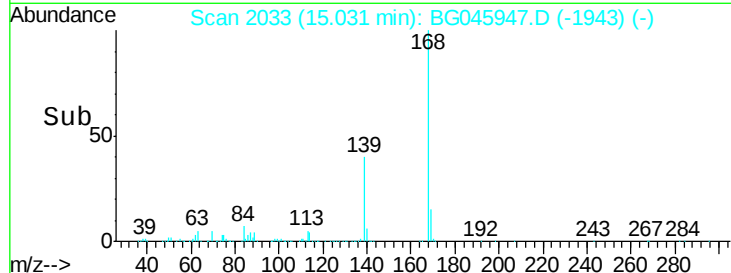
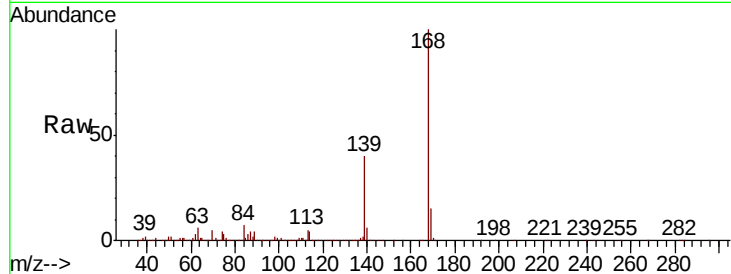
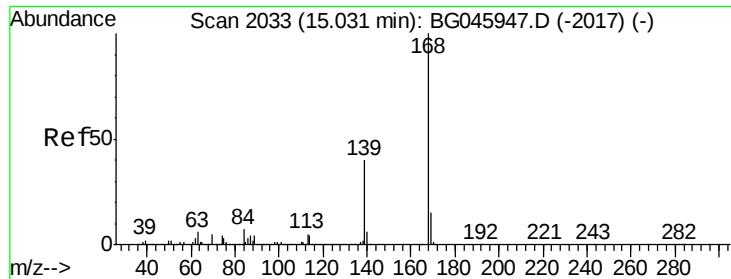
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#54
2,4-Dinitrophenol
Concen: 22.888 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	46.0	69.0
154	72.7	58.2	87.2





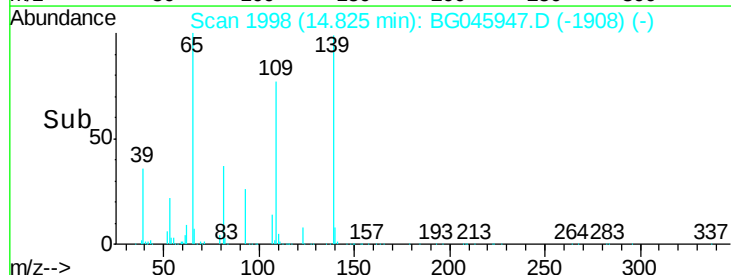
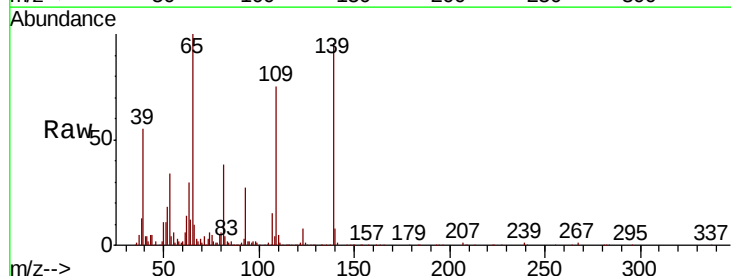
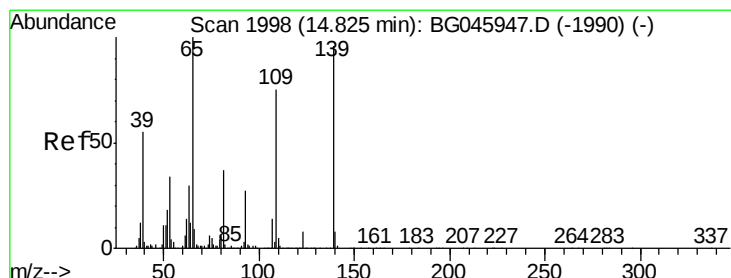
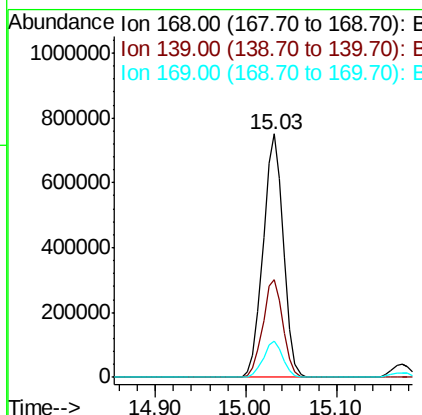
#55
Dibenzofuran
Concen: 37.794 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tot Ion:168 Resp: 1169679
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 14.8 11.8 17.8

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

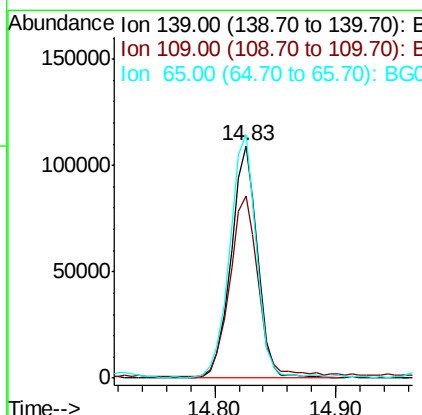
Manual Integrations
APPROVED

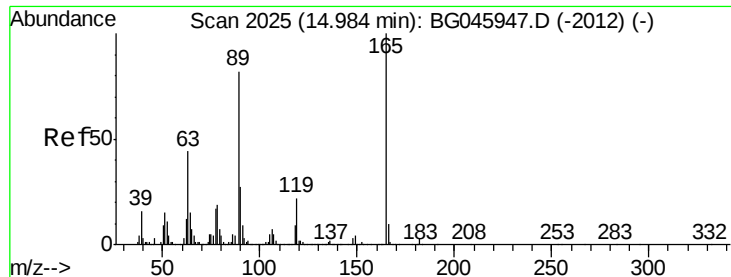
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#56
4-Nitrophenol
Concen: 43.262 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion:139 Resp: 166214
Ion Ratio Lower Upper
139 100
109 78.5 58.5 98.5
65 104.7 84.7 124.7





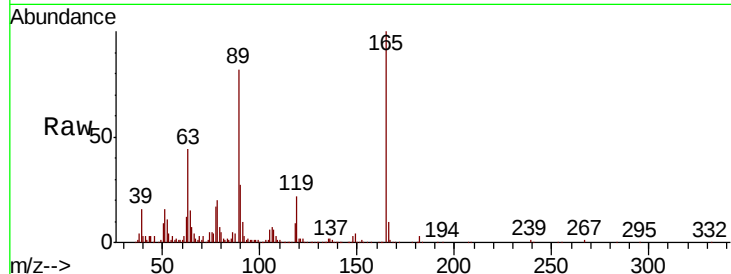
#57
2,4-Dinitrotoluene
Concen: 25.681 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	219665		
63	44.2		35.4	53.0
89	81.8		65.4	98.2
182	2.5		2.0	3.0

Manual Integrations
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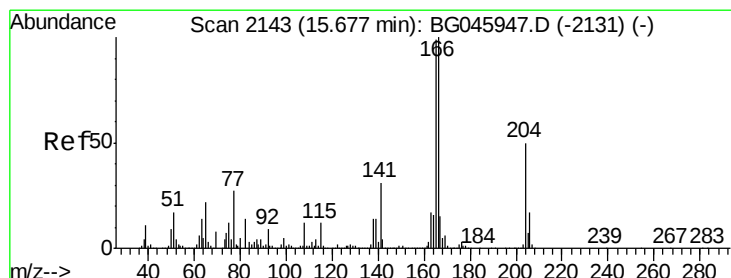
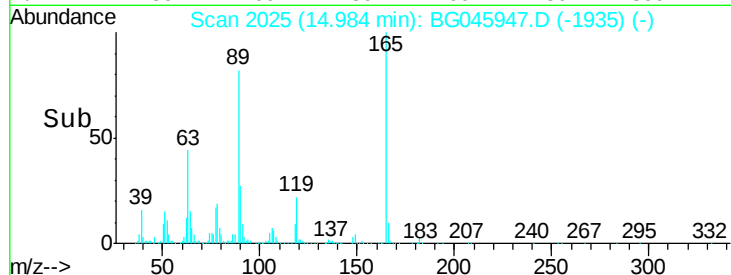
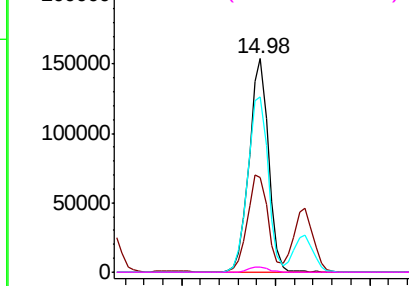
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

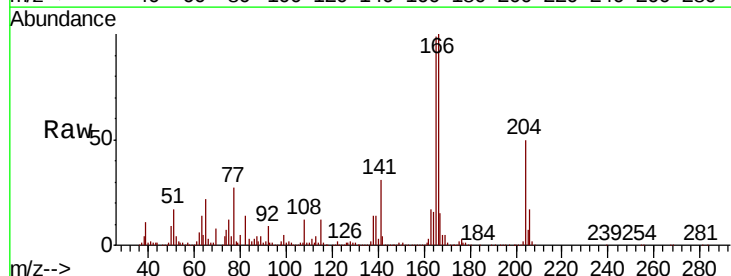
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.544 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	966187		
165	98.6		78.9	118.3
167	15.1		12.1	18.1

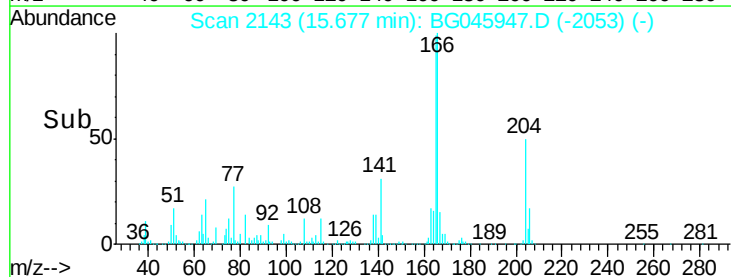
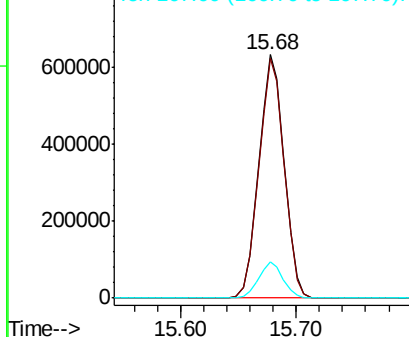


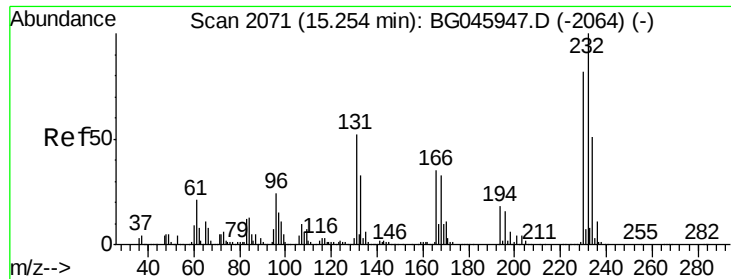
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





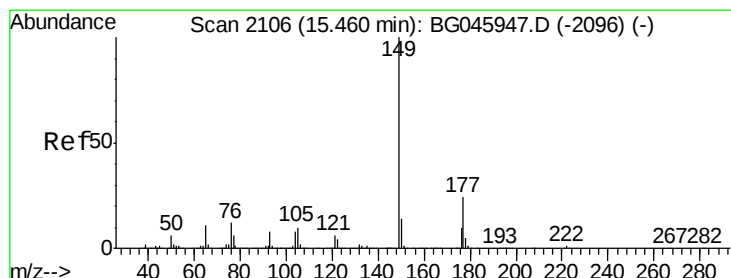
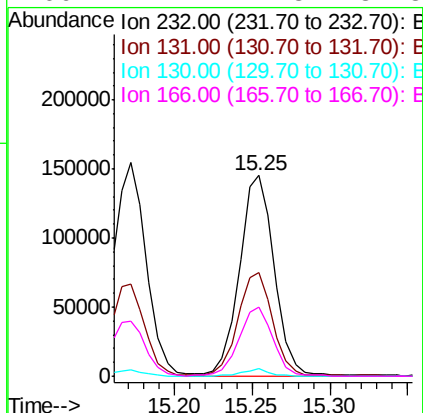
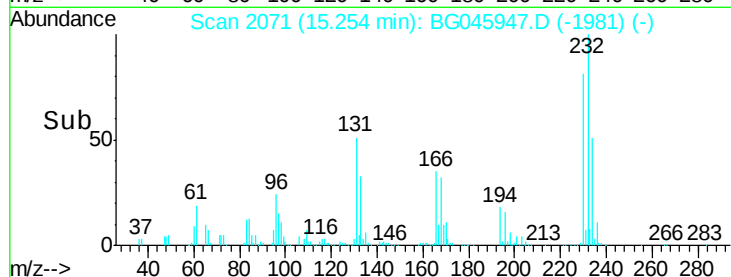
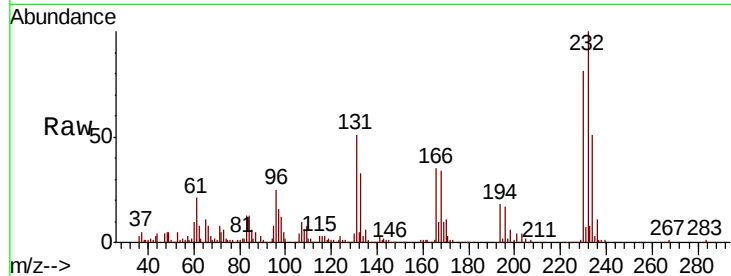
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.538 ng m
 RT: 15.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		228815		
131	44.5	35.8	53.6		
130	3.1	2.5	3.7		
166	27.2	21.8	32.8		

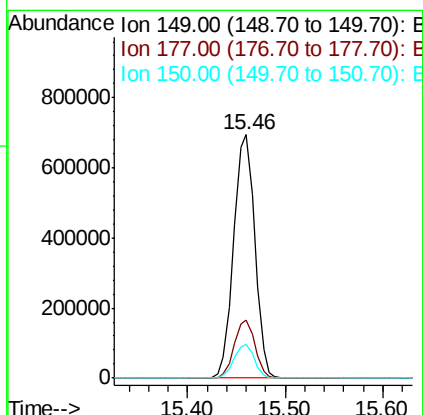
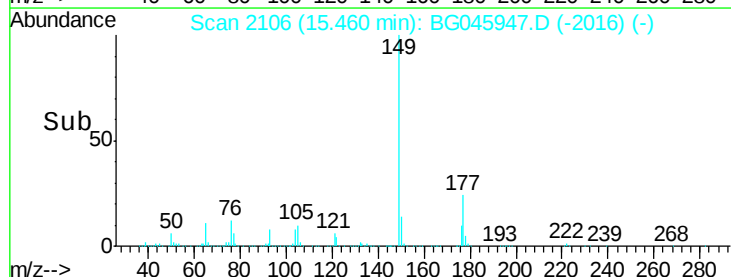
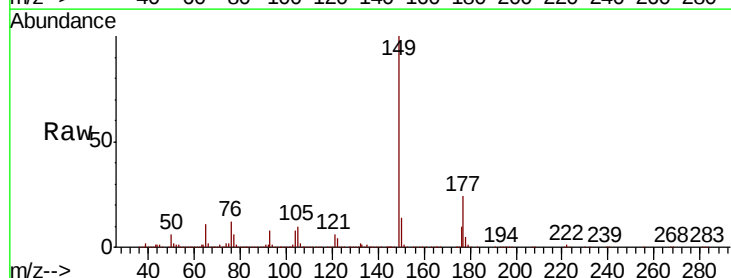
Manual Integrations
 APPROVED

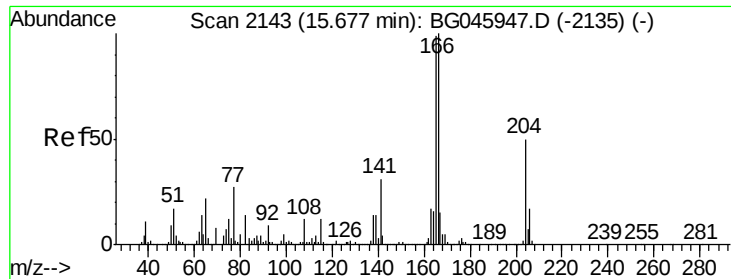
mohammad
 7/7/2020 12:03:27 PM



#60
 Diethylphthalate
 Concen: 38.400 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1043388		
177	23.7	19.0	28.4		
150	13.7	11.0	16.4		





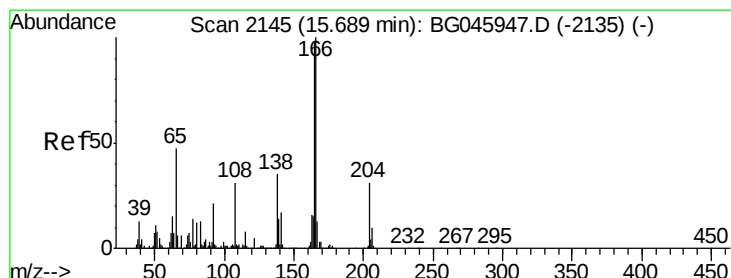
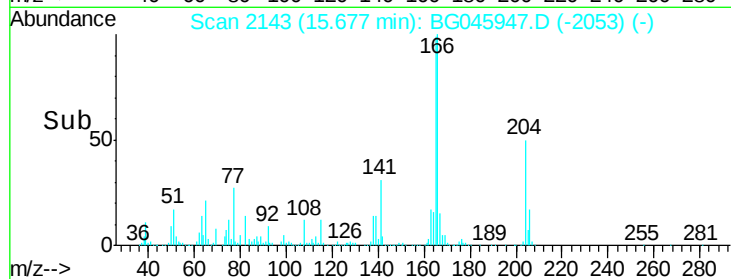
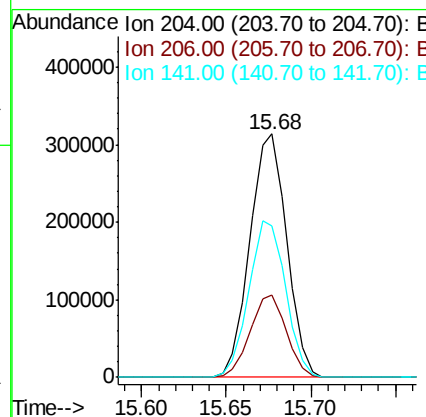
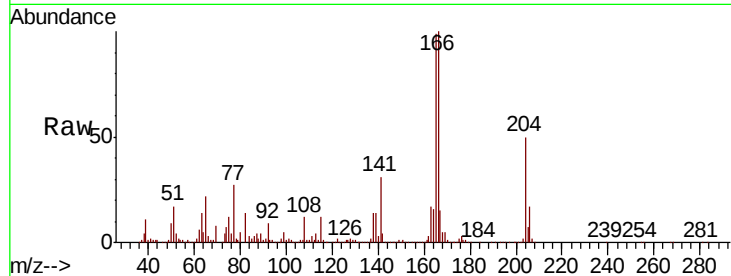
#61
4-Chlorophenyl-phenylether
Concen: 32.108 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.1	40.7
141	62.3	49.8	74.8

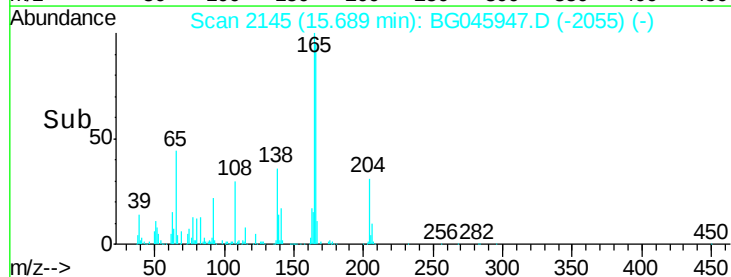
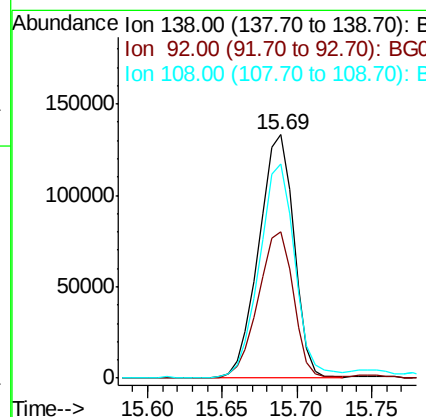
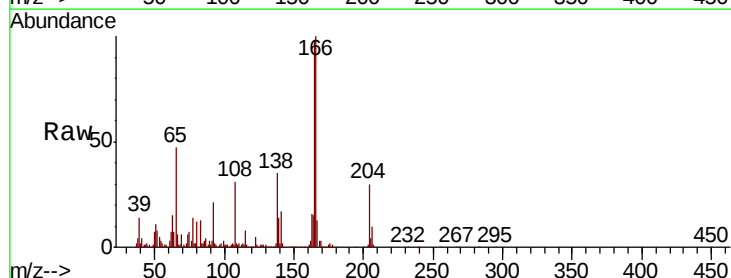
Manual Integrations
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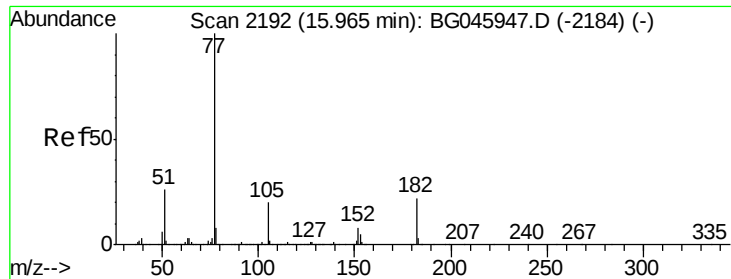
mohammad
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#62
4-Nitroaniline
Concen: 35.484 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.3	40.3	80.3
108	88.0	68.0	108.0





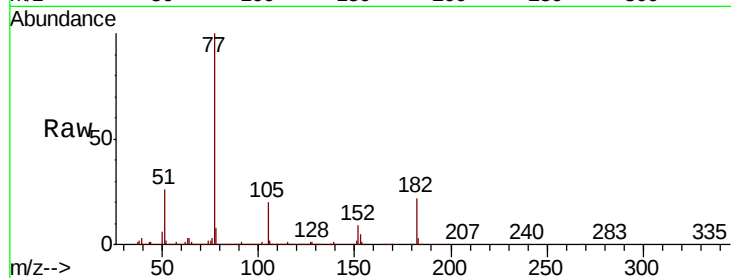
#63
Azobenzene
Concen: 42.989 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

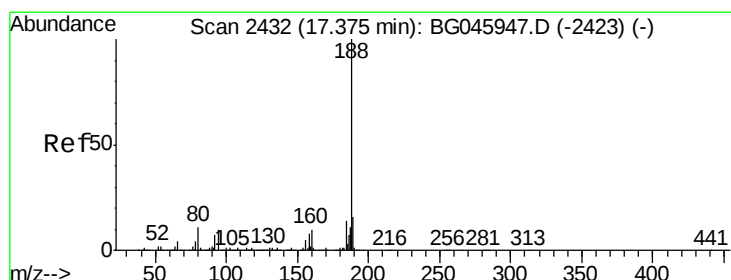
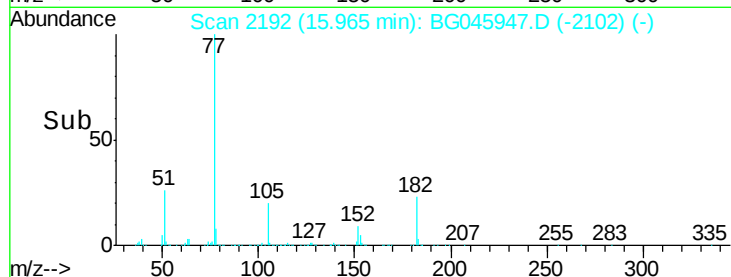
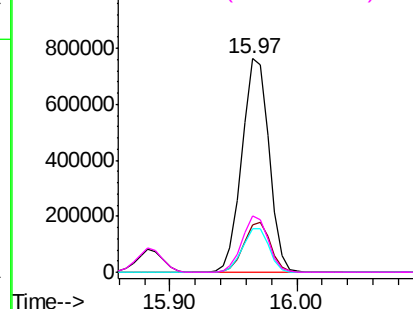
Tot Ion	77	Resp	1121576
Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.4	42.4
105	20.3	0.3	40.3
51	26.3	6.3	46.3

Manual Integrations
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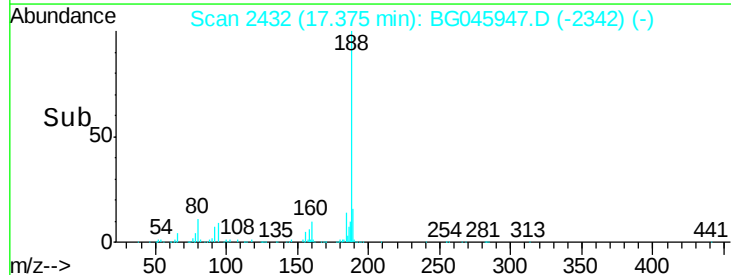
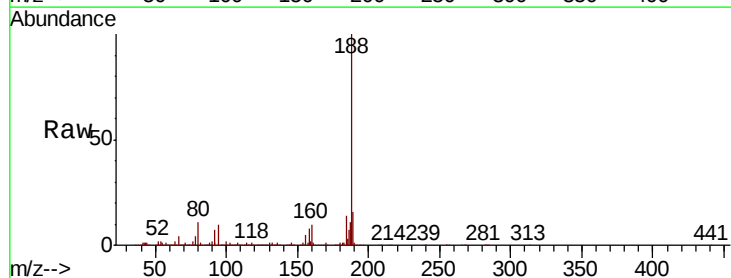
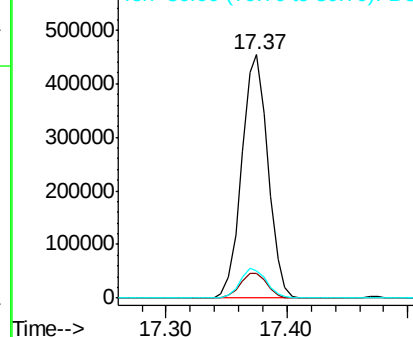
Abundance Ion 77.00 (76.70 to 77.70): BGC
1200000
Ion 182.00 (181.70 to 182.70): BGC
1000000
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

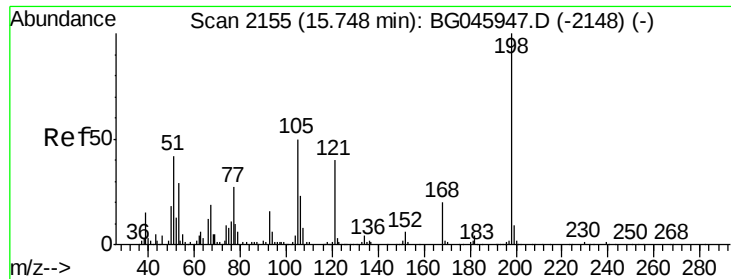


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	188	Resp	686362
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.3	9.0	13.6

Abundance Ion 188.00 (187.70 to 188.70): BGC
600000
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





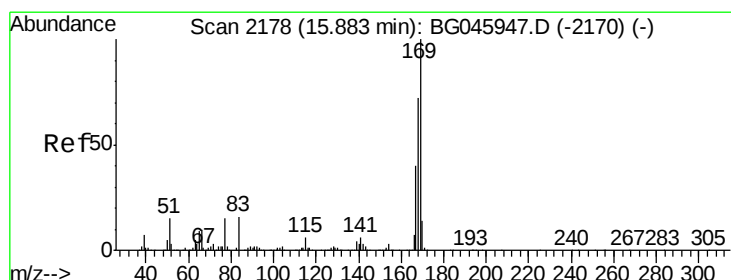
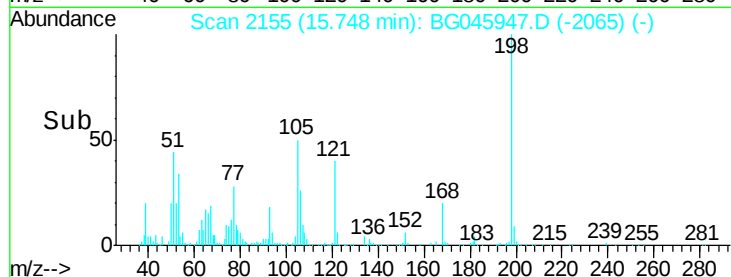
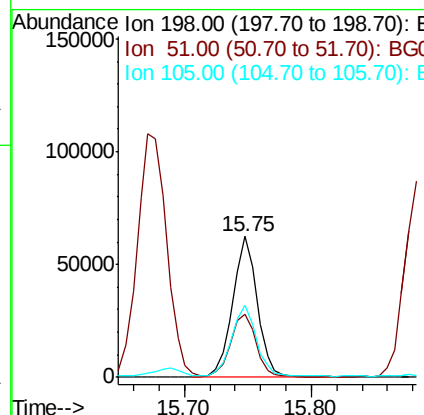
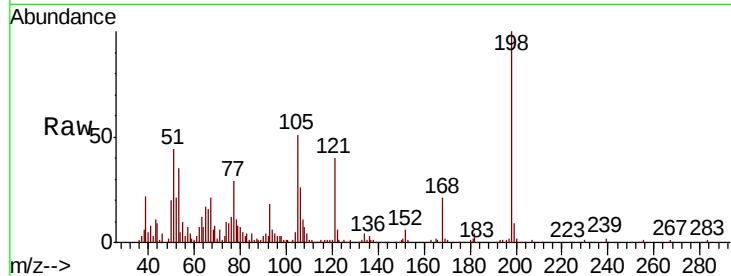
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.682 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.5	24.5	64.5
105	50.9	30.9	70.9

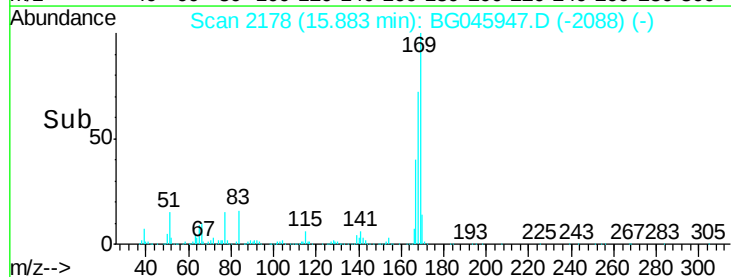
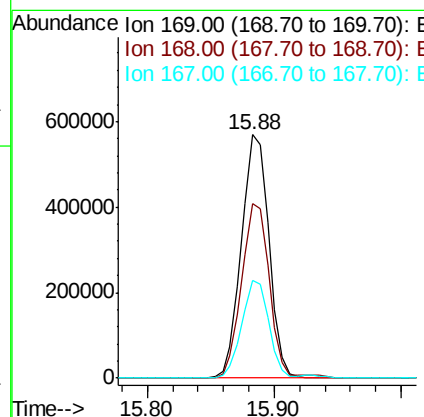
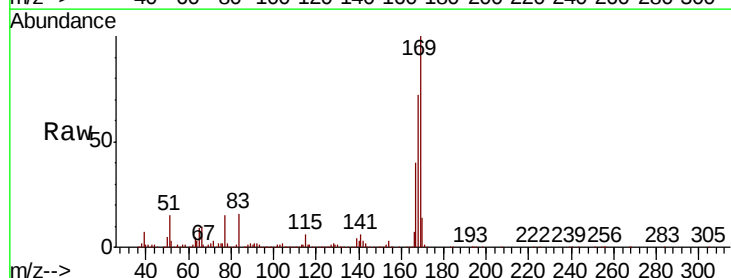
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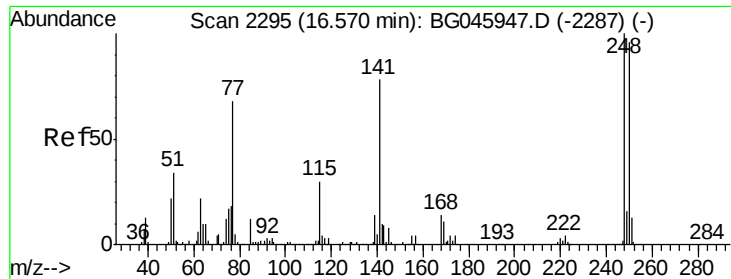
mohammad
 7/7/2020 12:03:27 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.930 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	57.3	85.9
167	40.1	32.1	48.1





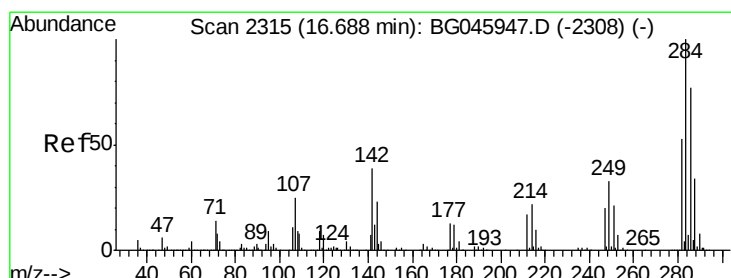
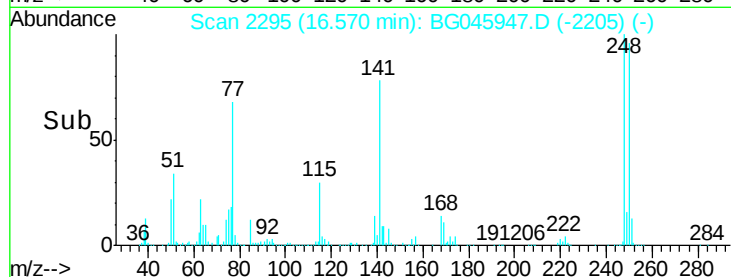
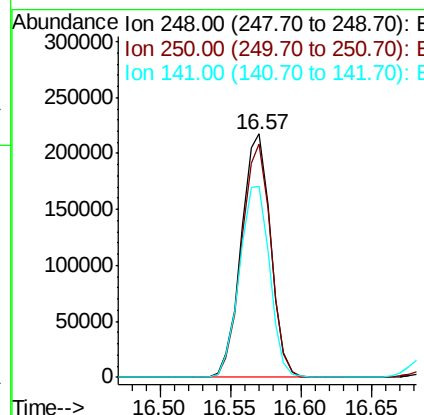
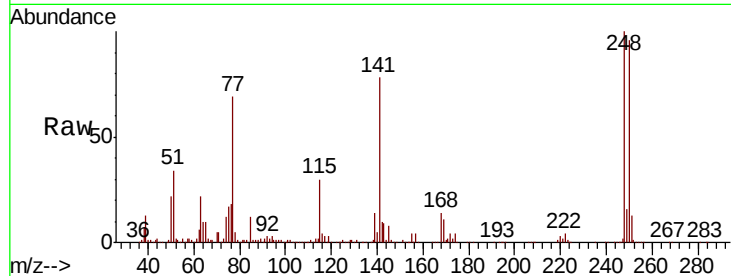
#67
 4-Bromophenyl-phenylether
 Concen: 35.309 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.6	114.8
141	78.4	62.7	94.1

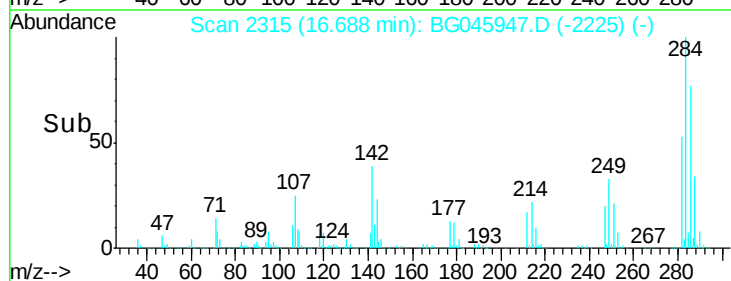
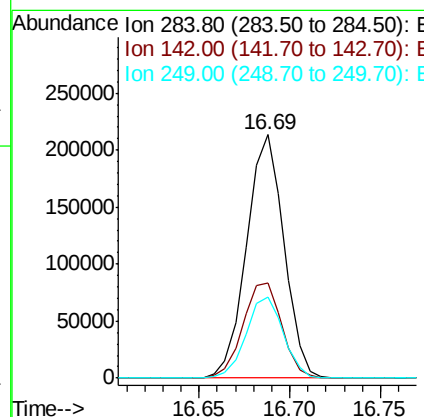
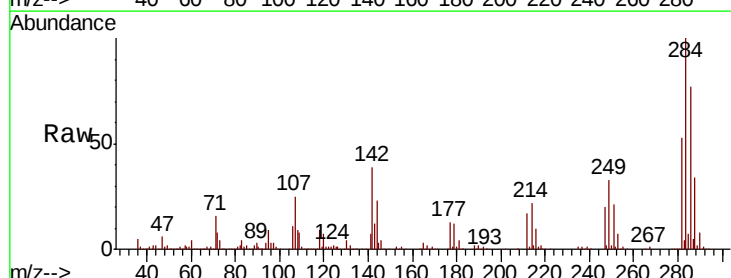
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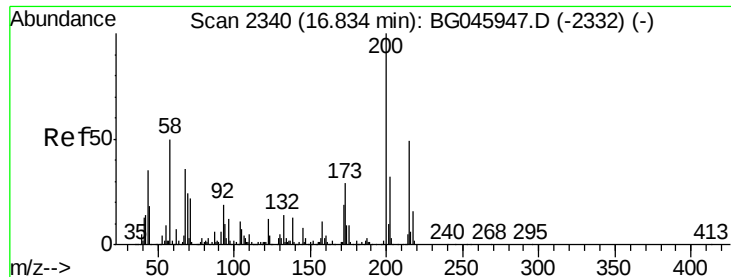
mohammad
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#68
 Hexachlorobenzene
 Concen: 33.064 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	31.3	46.9
249	33.5	26.8	40.2





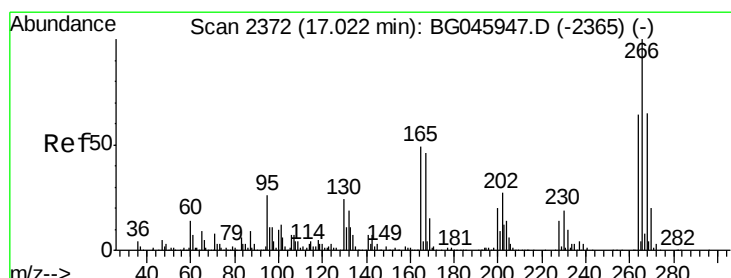
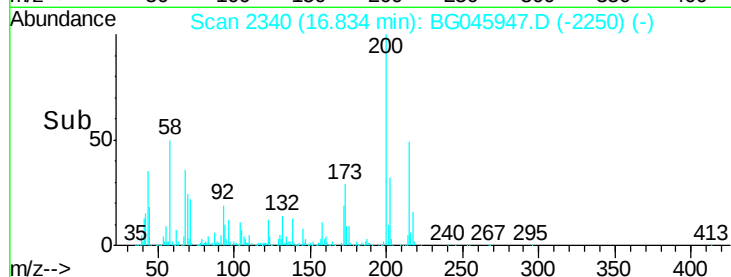
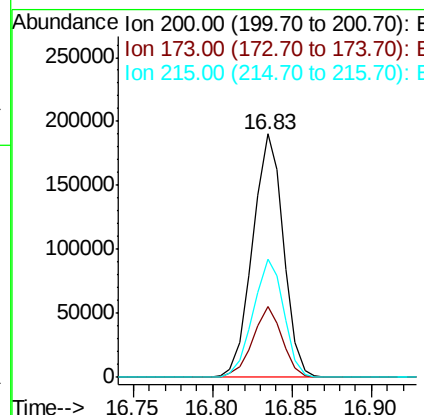
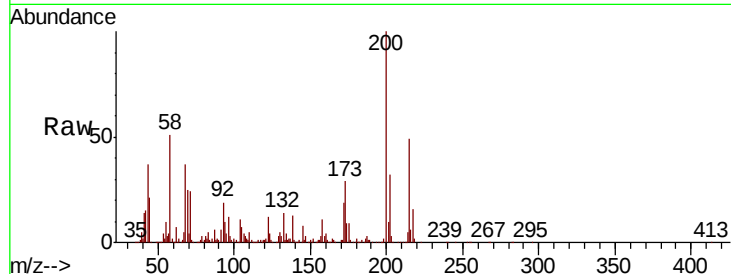
#69
Atrazine
Concen: 34.111 ng
RT: 16.83 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	9.1	49.1
215	48.8	28.8	68.8

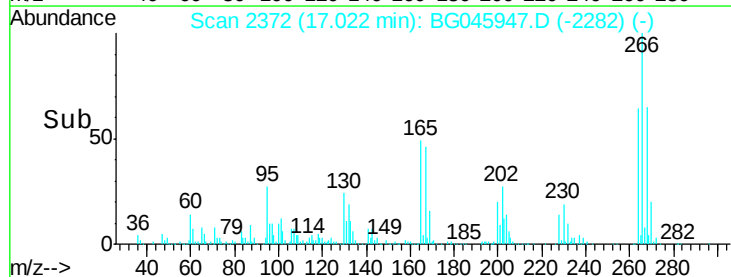
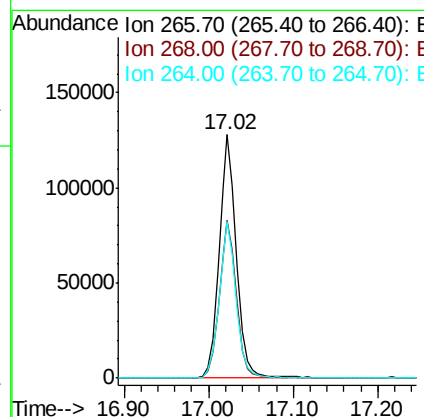
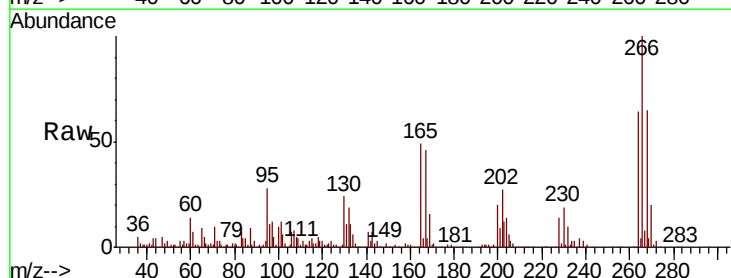
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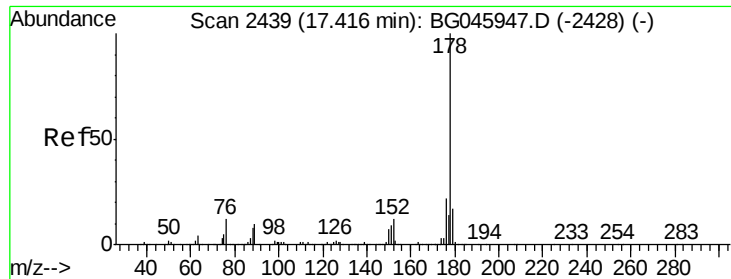
mohammad
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#70
Pentachlorophenol
Concen: 48.345 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	51.8	77.8
264	64.2	51.4	77.0





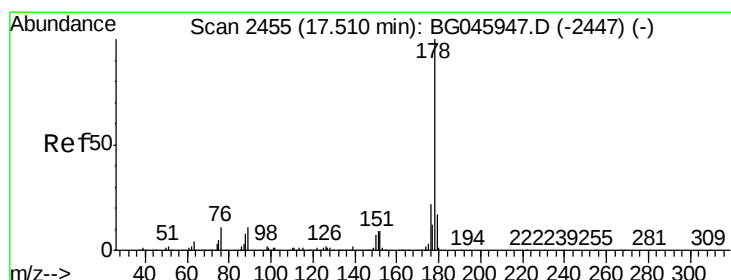
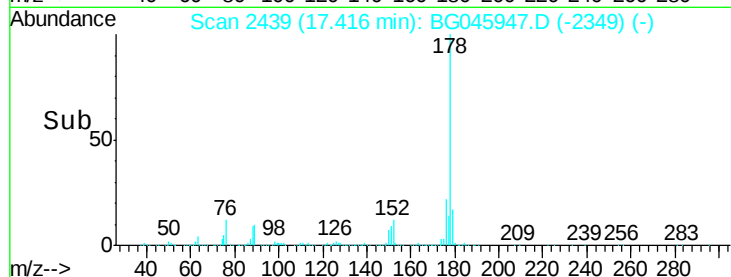
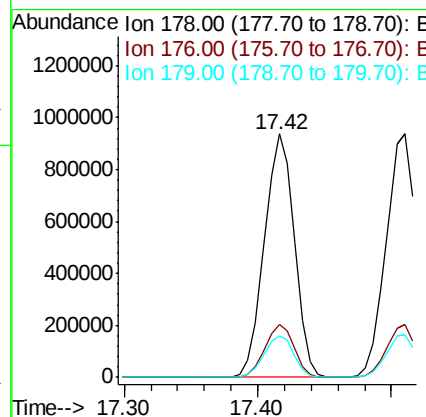
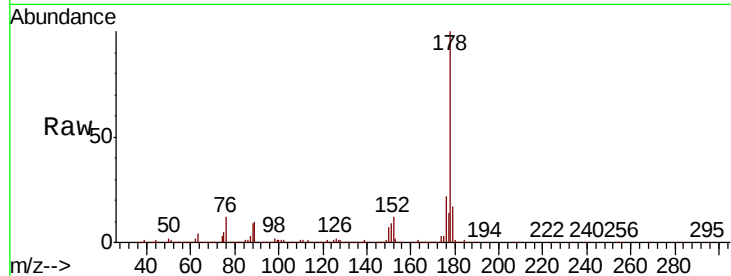
#71
Phenanthrene
Concen: 41.049 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:178 Resp: 1453070
Ion Ratio Lower Upper
178 100
176 21.8 17.4 26.2
179 16.8 13.4 20.2

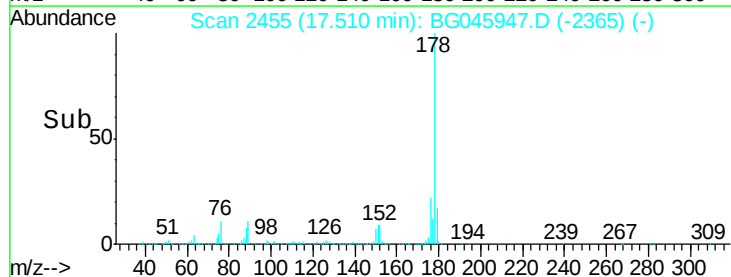
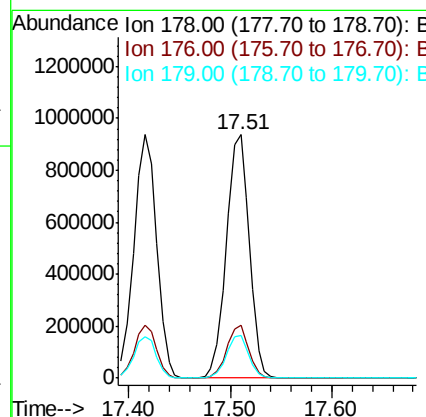
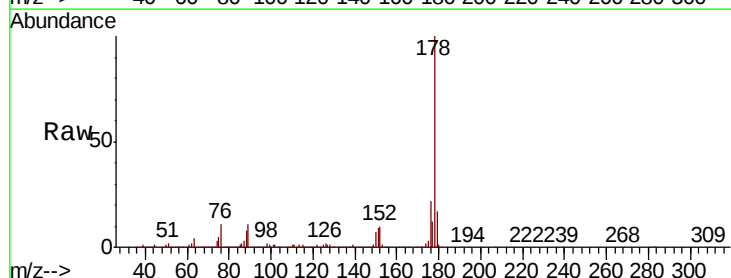
Manual Integrations
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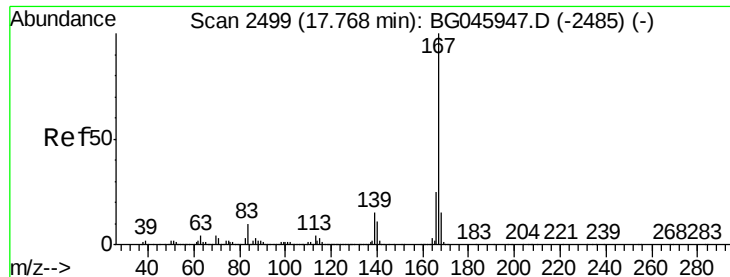
mohammad
7/7/2020 12:03:27 PM



#72
Anthracene
Concen: 41.635 ng
RT: 17.51 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion:178 Resp: 1467624
Ion Ratio Lower Upper
178 100
176 21.5 17.2 25.8
179 17.5 14.0 21.0





#73

Carbazole

Concen: 44.099 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:167 Resp: 1480113

Ion Ratio Lower Upper

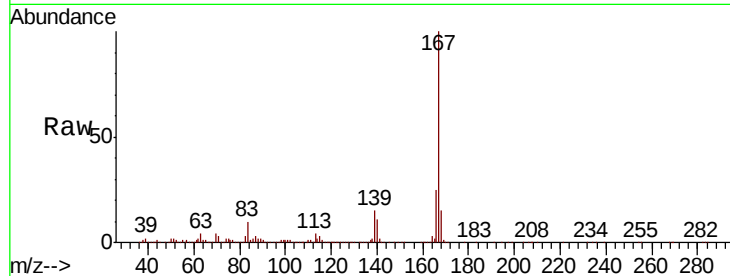
167 100

166 25.5 20.4 30.6

139 14.8 11.8 17.8

Manual Integrations
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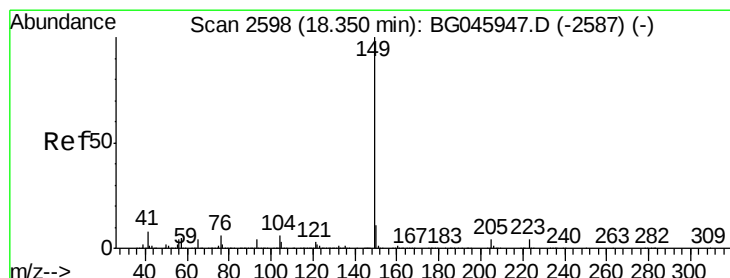
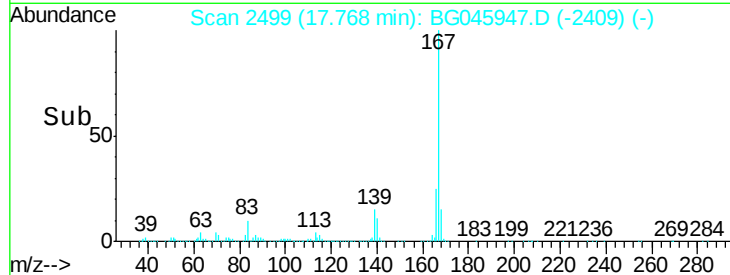
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.77

Time-->



#74

Di-n-butylphthalate

Concen: 44.004 ng

RT: 18.35 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

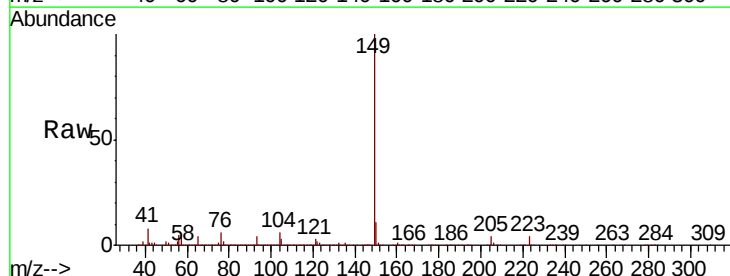
Tgt Ion:149 Resp: 1748762

Ion Ratio Lower Upper

149 100

150 11.2 9.0 13.4

104 6.5 5.2 7.8



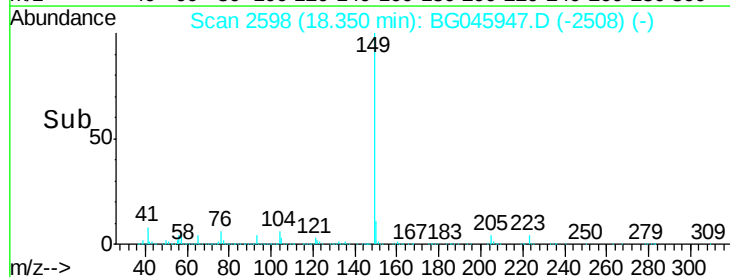
Abundance Ion 149.00 (148.70 to 149.70): E

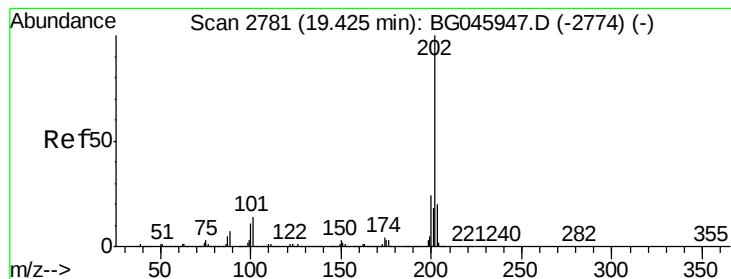
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.35

Time-->





#75

Fluoranthene

Concen: 38.050 ng

RT: 19.43 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Instrument :

BNA_G

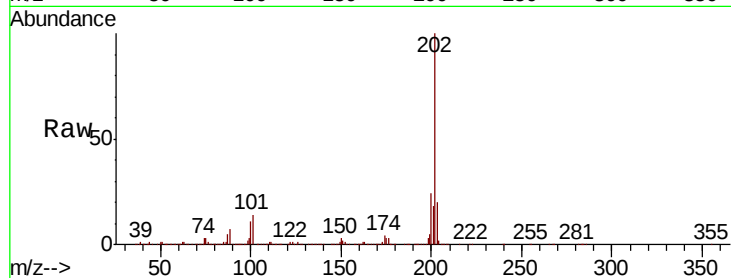
ClientSampled :

SSTDICCC040

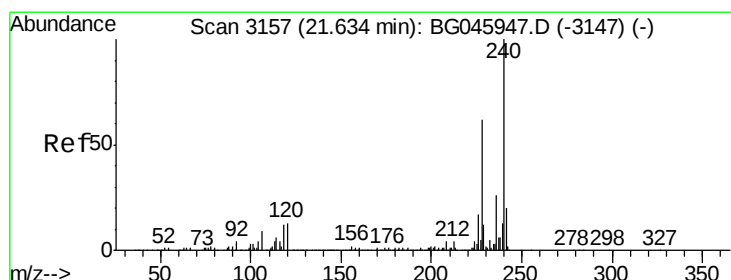
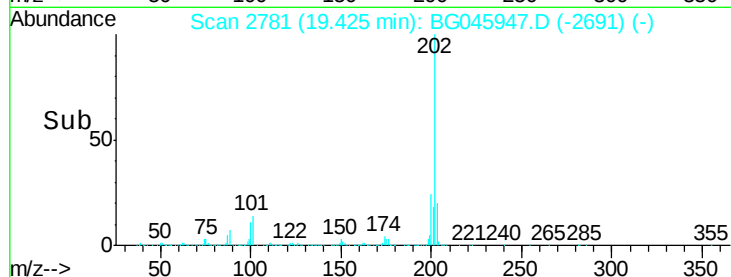
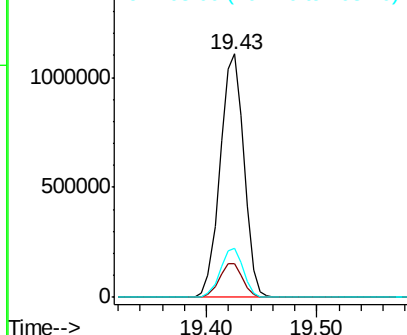
Tot Ion:	202	Resp:	1656249
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.8
203	20.4	0.4	40.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
1500000 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

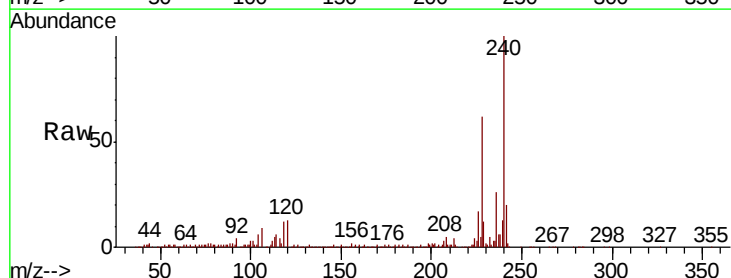
RT: 21.63 min Scan# 3157

Delta R.T. 0.00 min

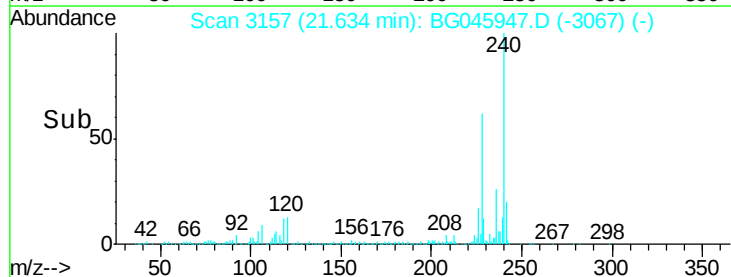
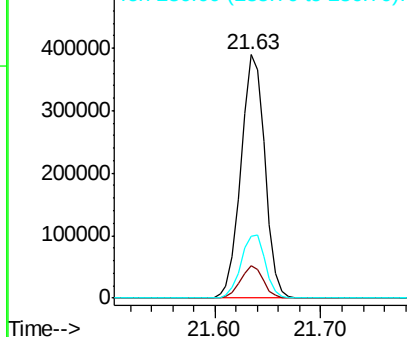
Lab File: BG045947.D

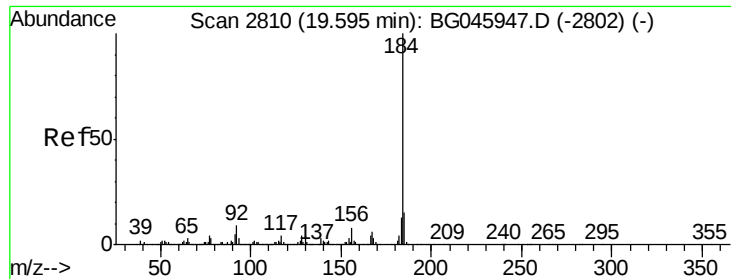
Acq: 6 Jul 2020 19:41

Tgt Ion:	240	Resp:	610501
Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.6	16.0
236	25.5	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





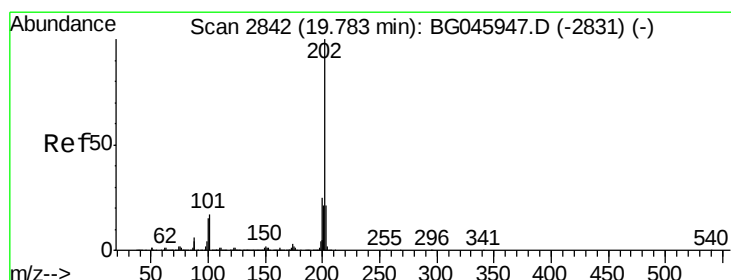
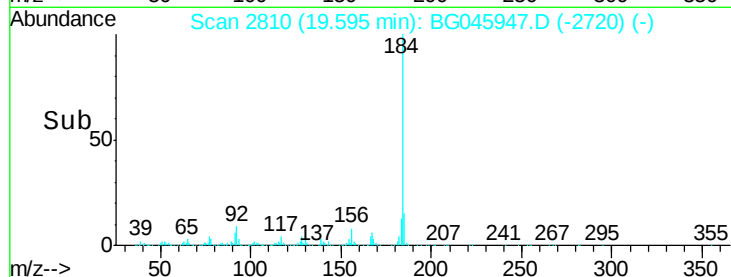
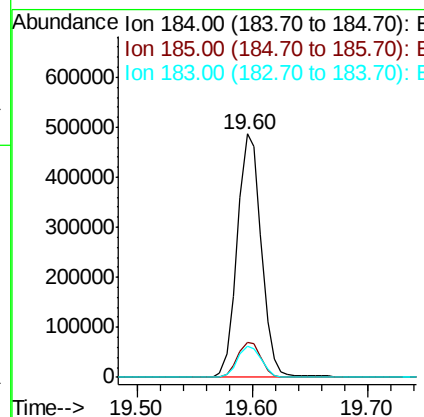
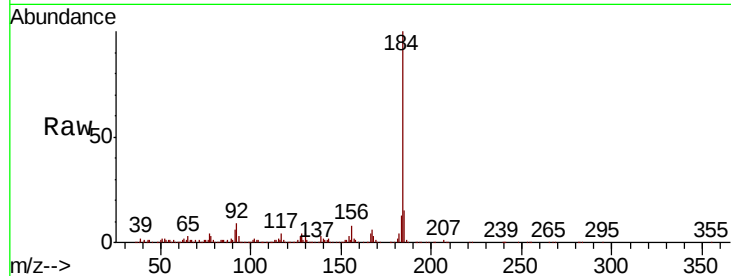
#77
Benzidine
Concen: 44.310 ng
RT: 19.60 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	13.0	10.4	15.6

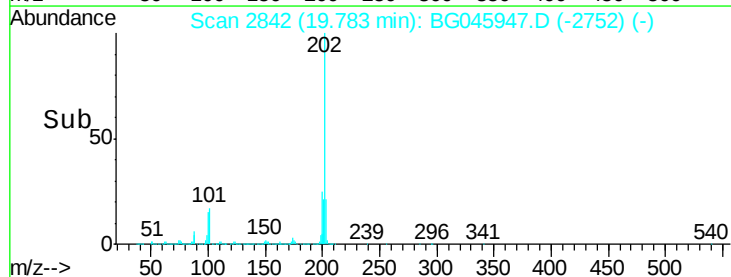
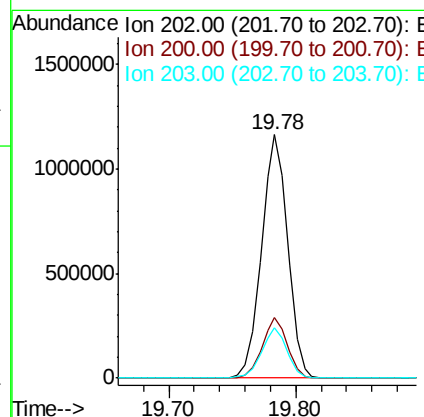
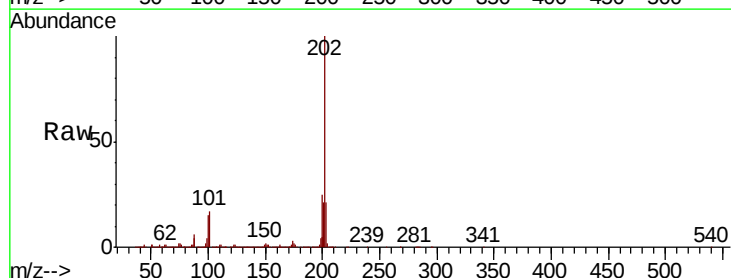
Manual Integrations
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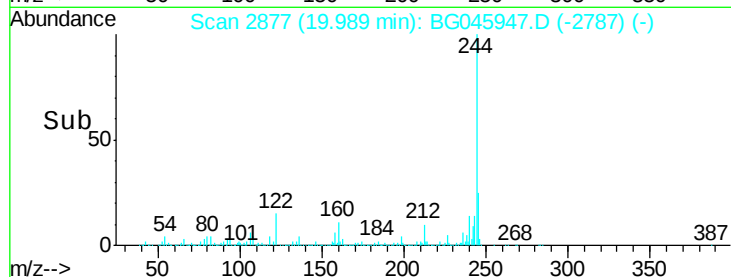
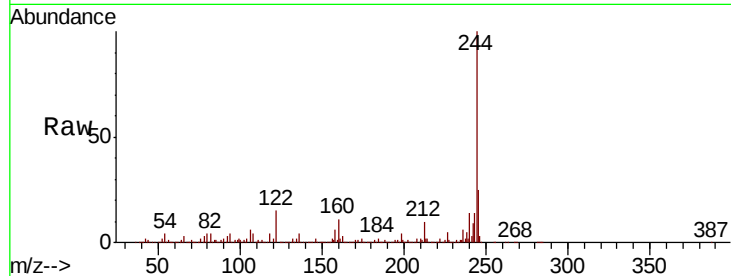
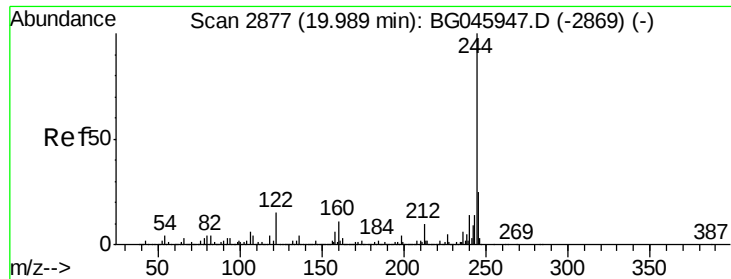
mohammad
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#78
Pyrene
Concen: 40.860 ng
RT: 19.78 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	20.1	30.1
203	20.6	16.5	24.7





#79

Terphenyl-d14

Concen: 70.933 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

Tot Ion:244 Resp: 2136816

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.3	12.5
122	15.1	12.1	18.1

244 100

212 10.4 8.3 12.5

122 15.1 12.1 18.1

Instrument :

BNA_G

ClientSampleId :

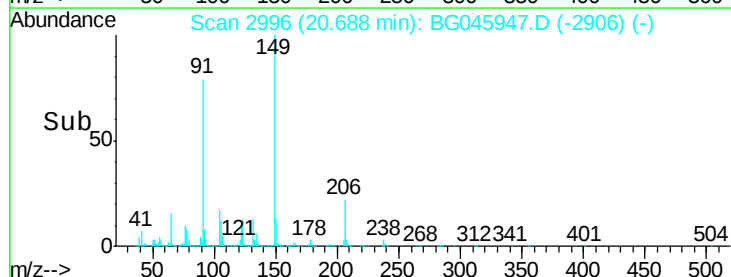
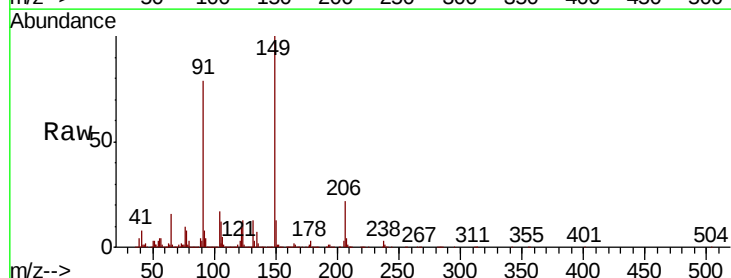
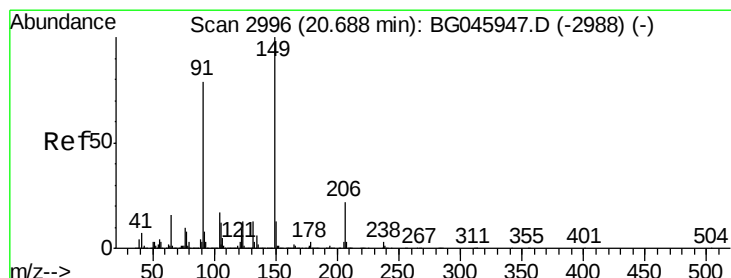
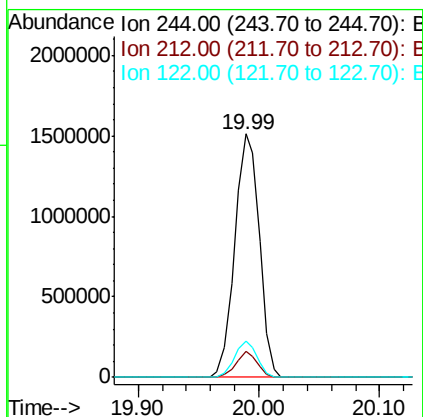
SSTDICCC040

Manual Integrations

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#80

Butylbenzylphthalate

Concen: 47.026 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG045947.D

Acq: 6 Jul 2020 19:41

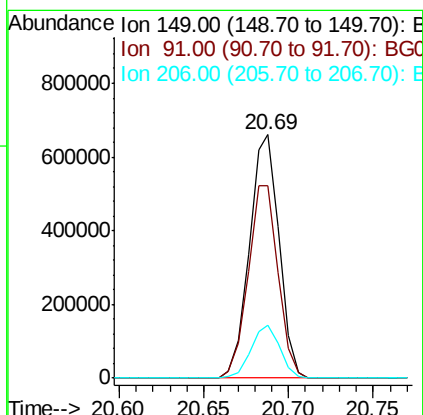
Tgt Ion:149 Resp: 804694

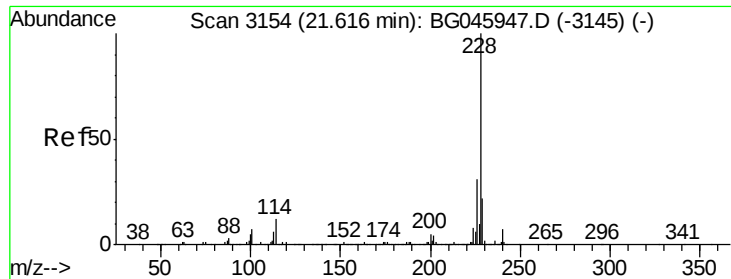
Ion	Ratio	Lower	Upper
149	100		
91	78.9	63.1	94.7
206	21.7	17.4	26.0

149 100

91 78.9 63.1 94.7

206 21.7 17.4 26.0





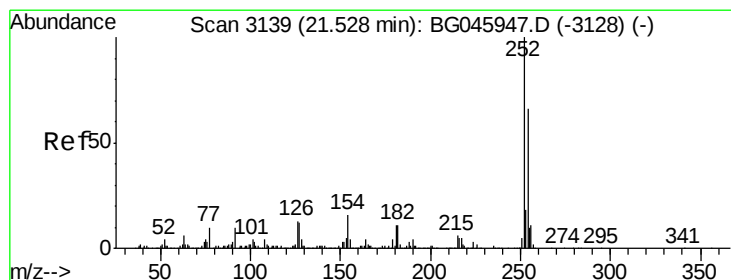
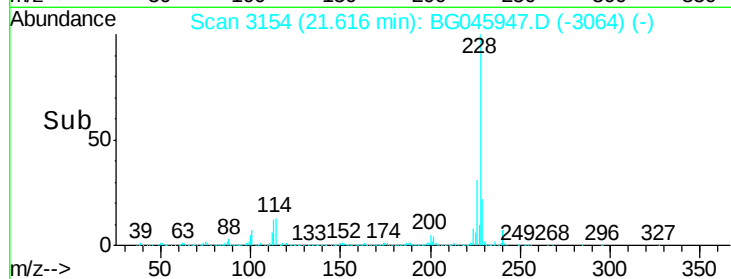
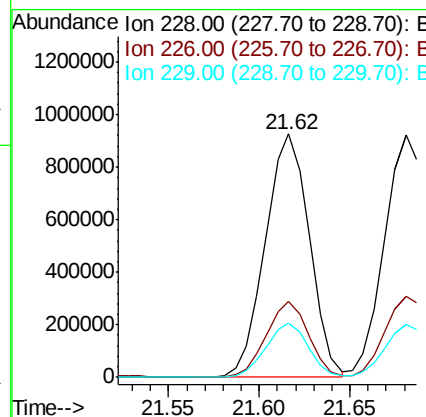
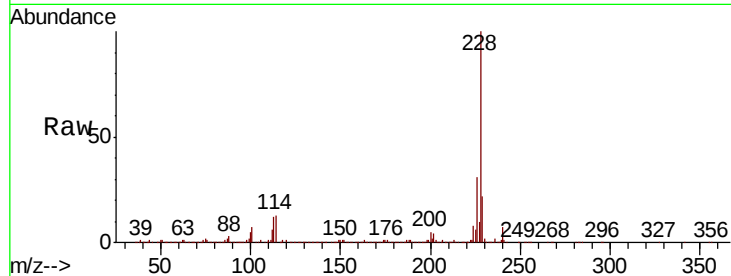
#81
Benzo(a)anthracene
Concen: 39.738 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	22.3	17.8	26.8

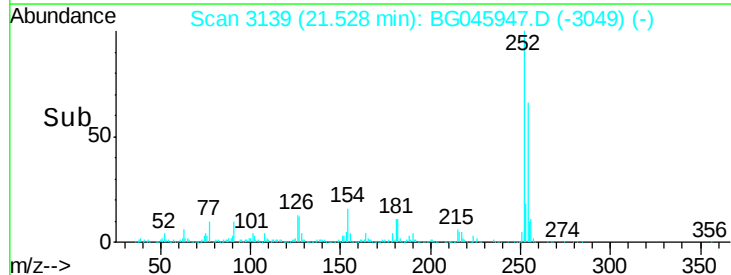
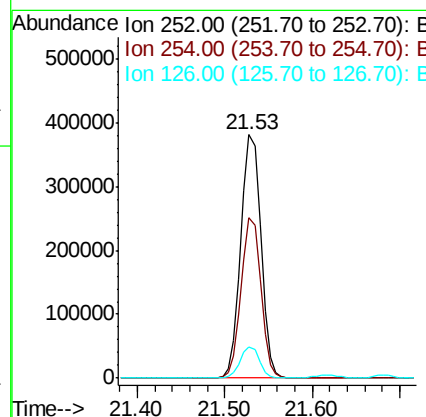
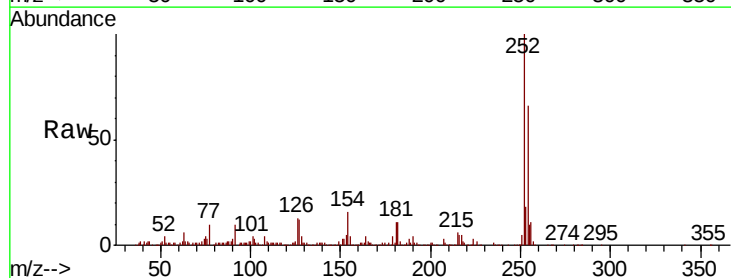
Manual Integrations
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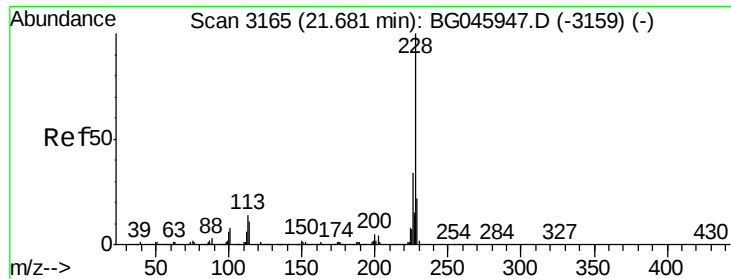
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#82
3,3'-Dichlorobenzidine
Concen: 39.303 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.9	79.3
126	13.0	10.4	15.6





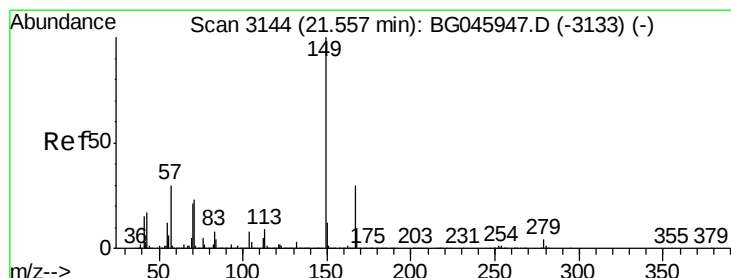
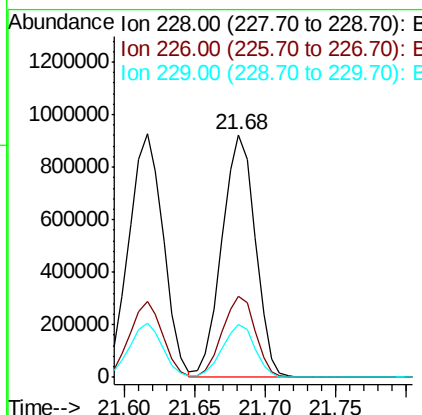
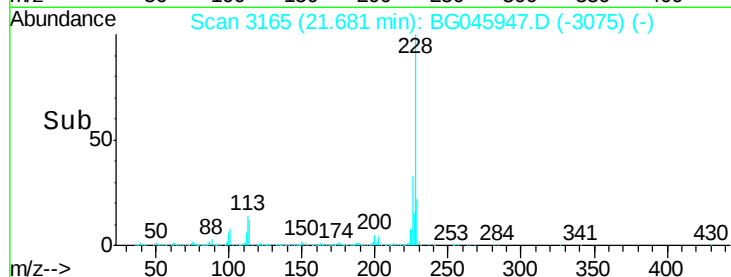
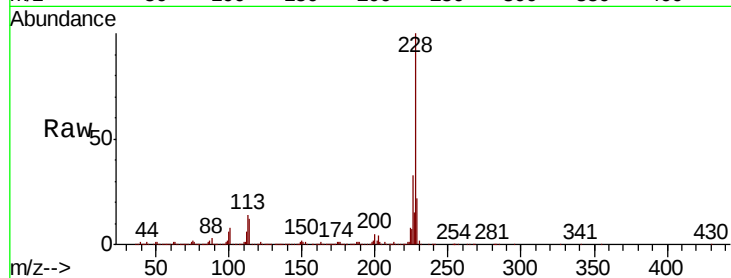
#83
 Chrvsene
 Concen: 39.585 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.7	40.1
229	21.6	17.3	25.9

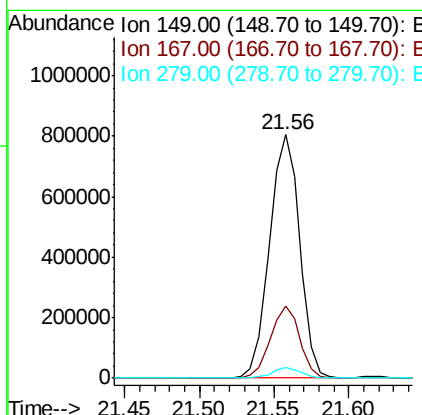
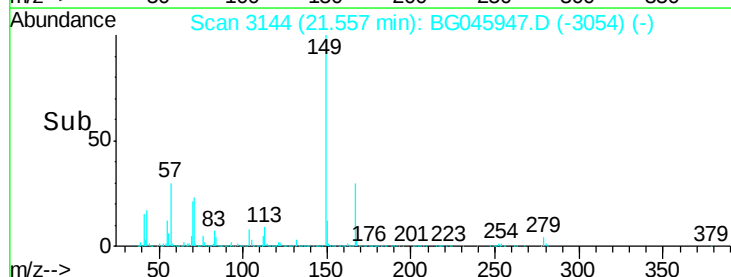
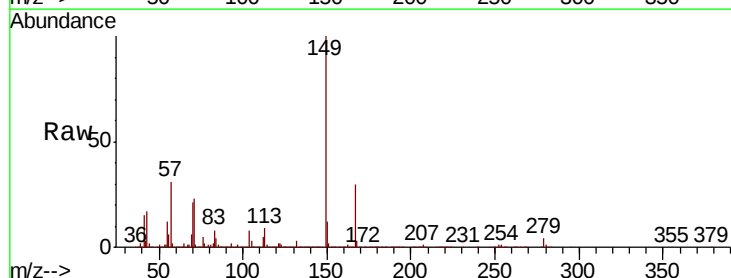
Manual Integrations
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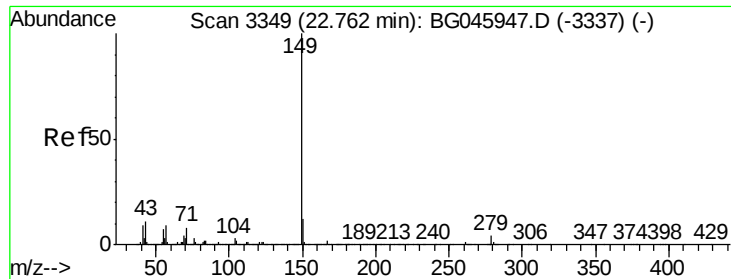
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.286 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.8	35.8
279	4.4	3.5	5.3





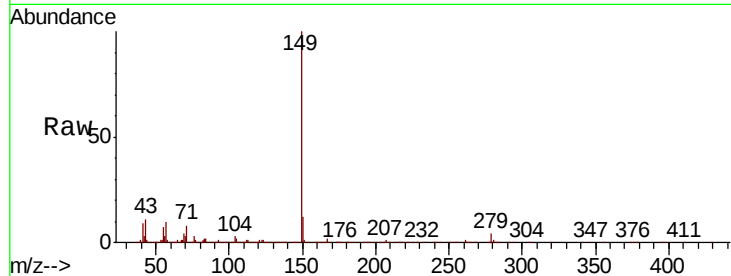
#85
Di-n-octyl phthalate
Concen: 48.031 ng
RT: 22.76 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

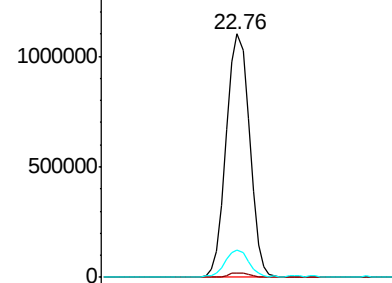
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	8.6	12.8

Manual Integrations
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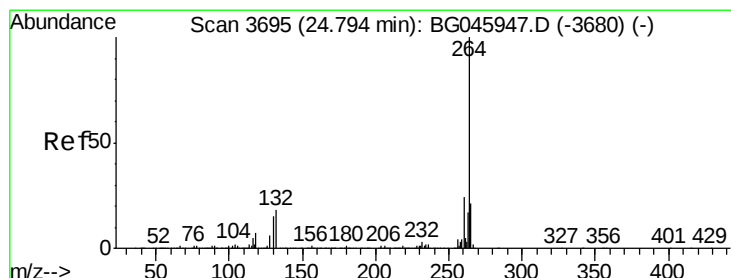
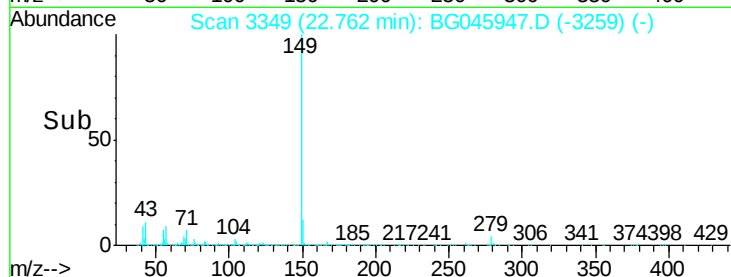
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

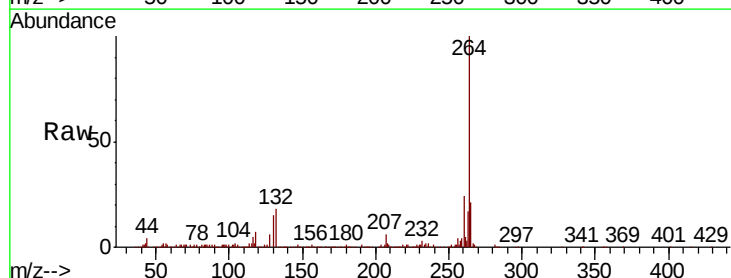


Time-->

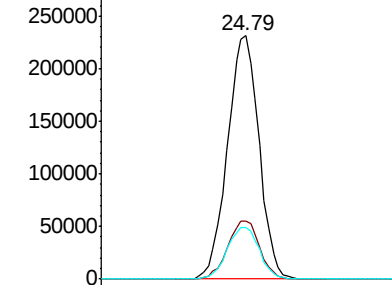


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

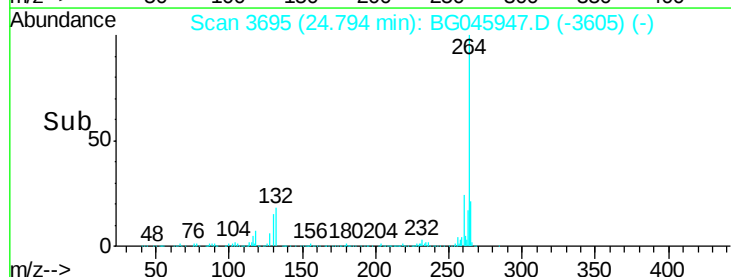
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.1	16.9	25.3

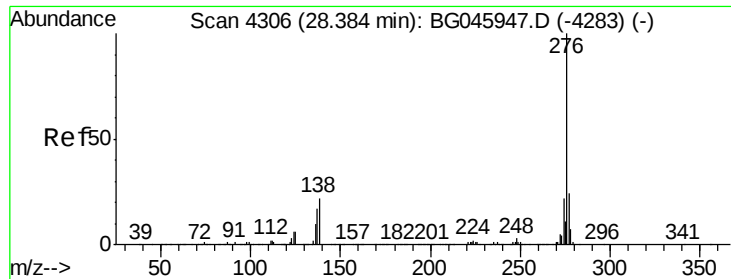


Abundance Ion 264.00 (263.70 to 264.70): E
300000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





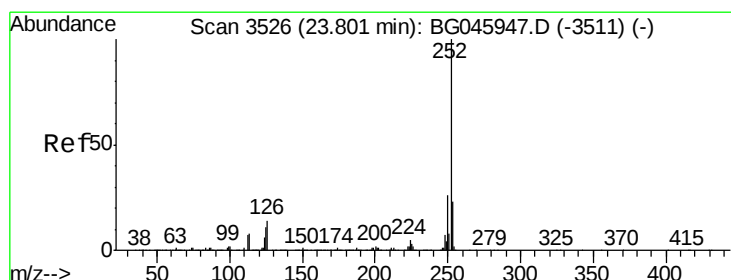
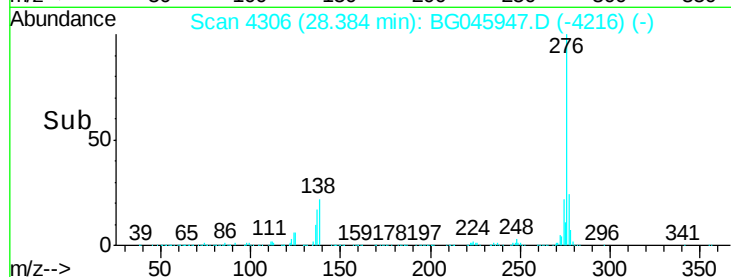
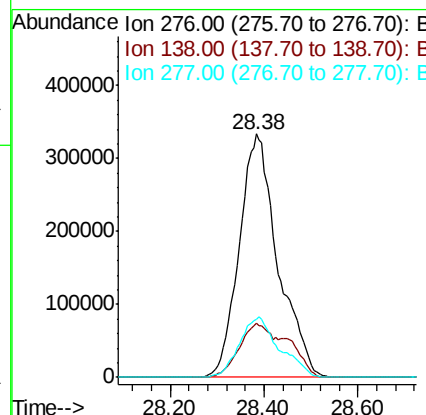
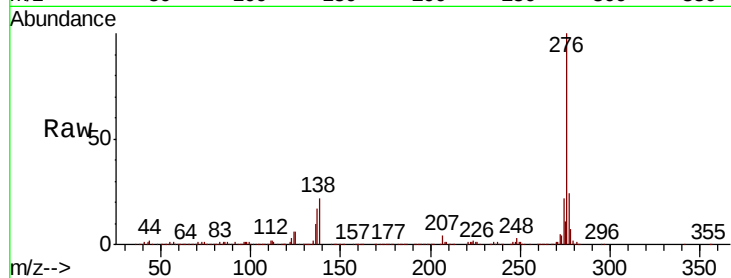
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.080 ng
 RT: 28.38 min Scan# 4306
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.4	24.6
277	25.8	20.6	31.0

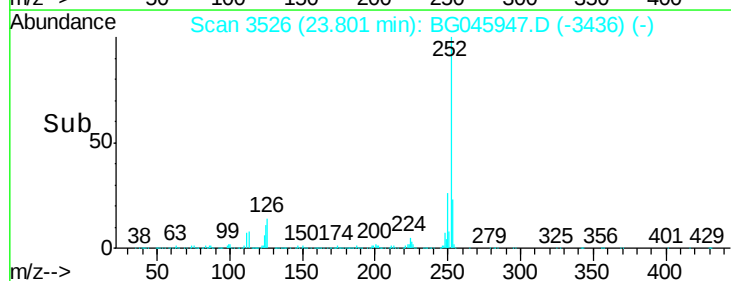
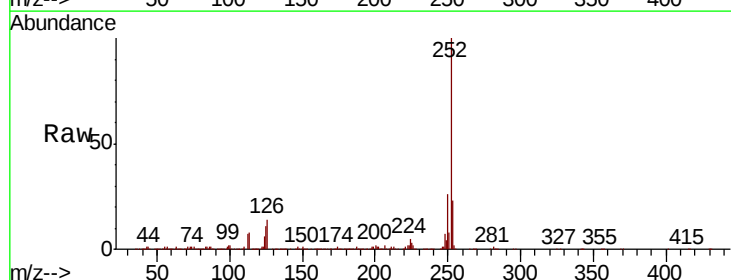
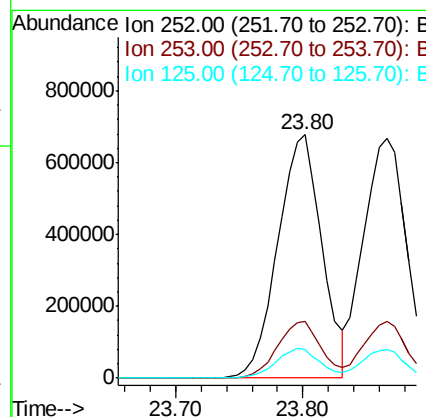
Manual Integrations
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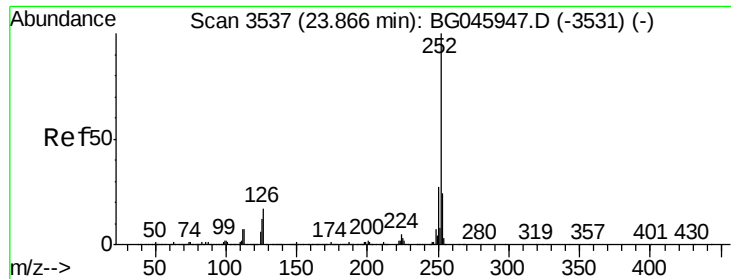
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#88
 Benzo(b)fluoranthene
 Concen: 41.021 ng
 RT: 23.80 min Scan# 3526
 Delta R.T. 0.00 min
 Lab File: BG045947.D
 Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.5	9.2	13.8





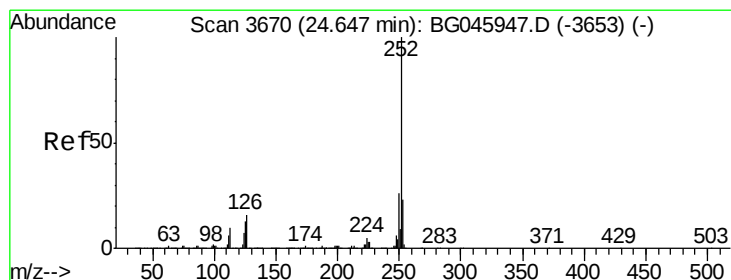
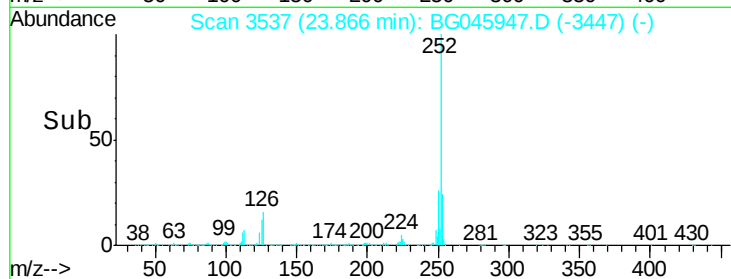
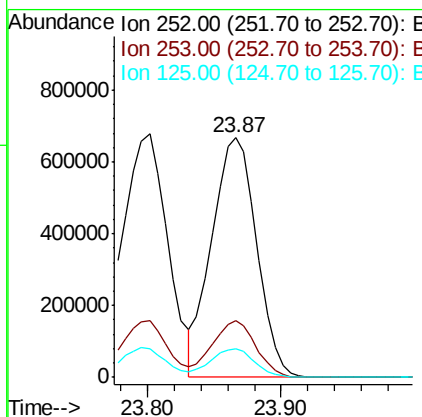
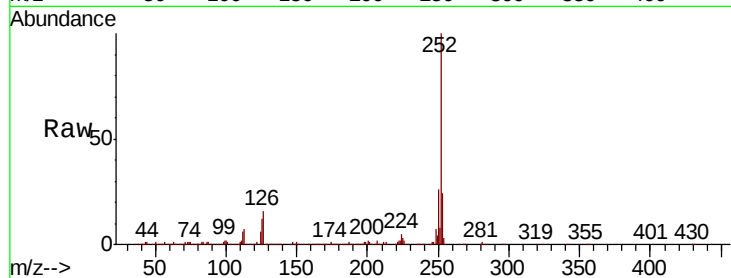
#89
Benzo(k)fluoranthene
Concen: 40.831 ng
RT: 23.87 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.0	9.6	14.4

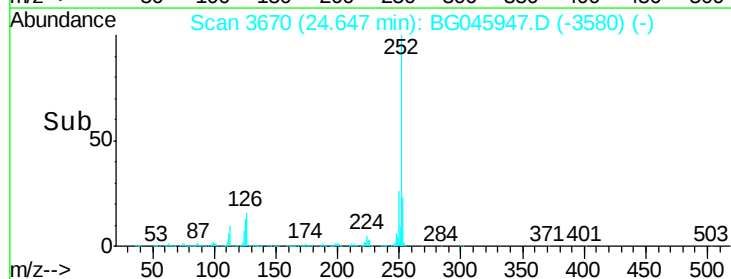
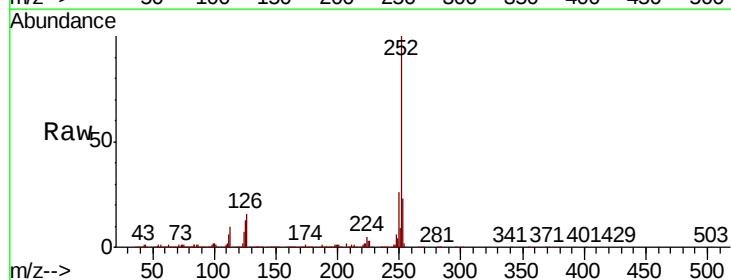
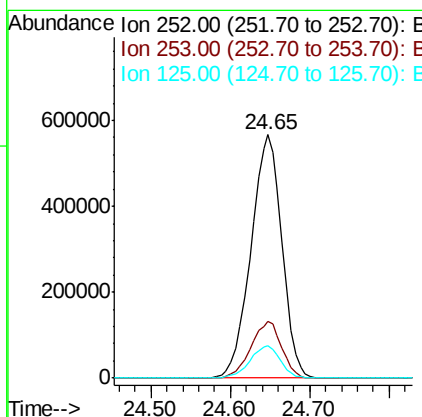
Manual Integrations
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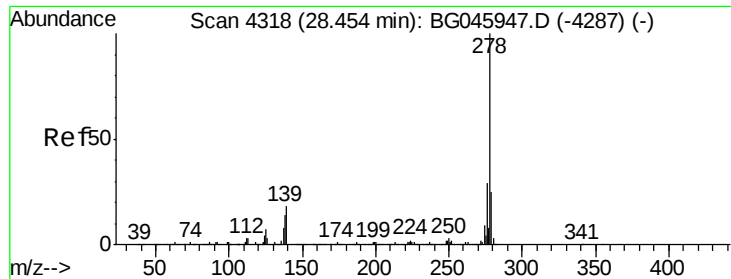
mohammad
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#90
Benzo(a)pyrene
Concen: 41.068 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	13.1	10.5	15.7





#91
Dibenzo(a,h)anthracene
Concen: 40.795 ng
RT: 28.45 min Scan# 4318
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

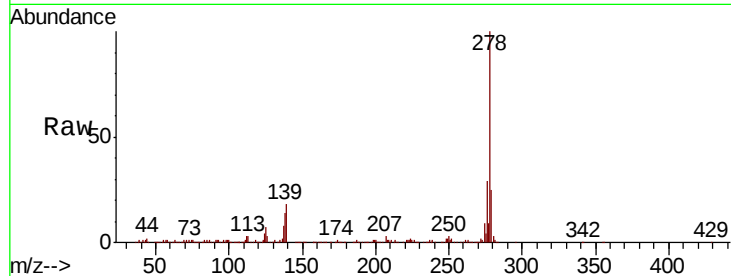
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:278 Resp: 1511988

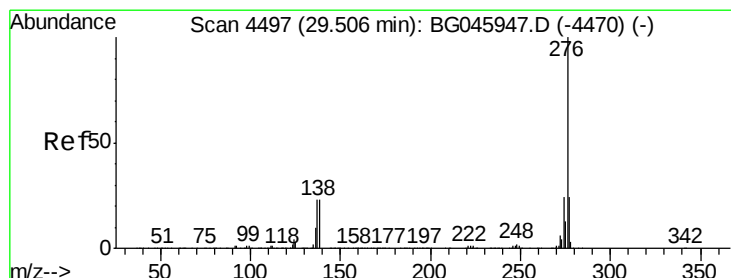
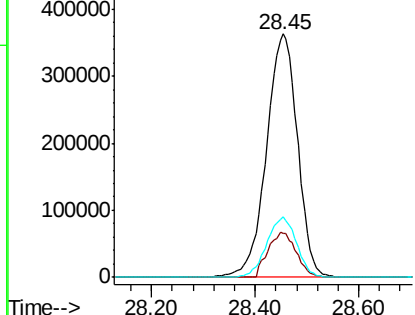
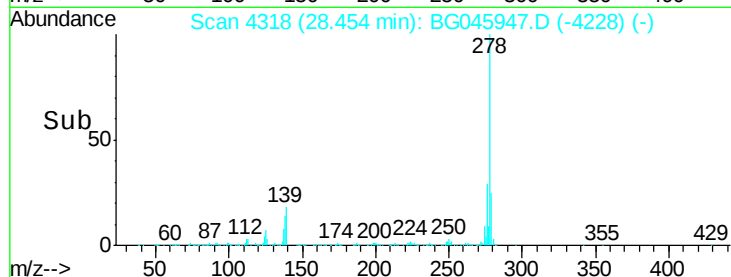
Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.3	21.5
279	24.7	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/7/2020 12:03:27 PM



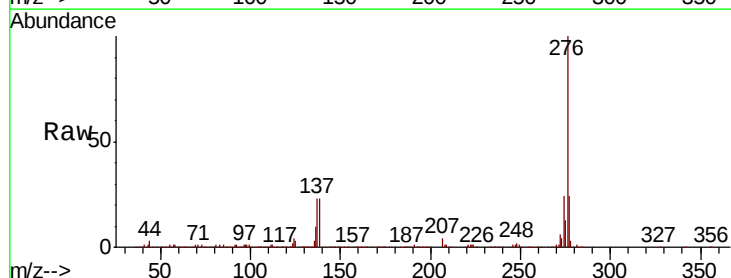
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.251 ng
RT: 29.51 min Scan# 4497
Delta R.T. 0.00 min
Lab File: BG045947.D
Acq: 6 Jul 2020 19:41

Tgt Ion:276 Resp: 1530289

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	23.3	18.6	28.0



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

