

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046024.D
 Acq On : 13 Jul 2020 15:55
 Operator : CG/JU
 Sample : PB130129BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Manual Integrations
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 7/14/2020 12:01:35 PM

Quant Time: Jul 13 16:34:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	140830	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	565340	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	350190	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	759374	20.00	ng	0.00
76) Chrysene-d12	21.63	240	635071	20.00	ng	0.00
86) Perylene-d12	24.78	264	661671	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	748891	86.24	ng	0.00
7) Phenol-d6	7.17	99	1032901	82.61	ng	0.00
23) Nitrobenzene-d5	9.16	82	905708	92.21	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	276875	85.19	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1692709	75.40	ng	0.00
79) Terphenyl-d14	19.98	244	2278123	79.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	128583	32.093	ng	98
3) Pyridine	3.89	79	429565	35.458	ng	99
4) n-Nitrosodimethylamine	3.81	42	178960	43.686	ng	# 97
6) Aniline	7.32	93	495854	31.002	ng	99
8) 2-Chlorophenol	7.57	128	426528	45.626	ng	97
9) Benzaldehyde	7.14	77	142224	17.954	ng	96
10) Phenol	7.20	94	574891	45.838	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	409542	39.489	ng	97
12) 1,3-Dichlorobenzene	7.89	146	412836	38.313	ng	98
13) 1,4-Dichlorobenzene	8.04	146	416723	39.313	ng	98
14) 1,2-Dichlorobenzene	8.36	146	390833	38.310	ng	98
15) Benzyl Alcohol	8.24	79	408186	41.637	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	529741	39.149	ng	98
17) 2-Methylphenol	8.45	107	385101	40.921	ng	98
18) Hexachloroethane	9.09	117	158224	38.794	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	345491	39.335	ng	98
20) 3+4-Methylphenols	8.77	107	529319	41.270	ng	99
22) Acetophenone	8.82	105	585328	38.756	ng	# 97
24) Nitrobenzene	9.20	77	498158	45.951	ng	99
25) Isophorone	9.73	82	900351	37.549	ng	99
26) 2-Nitrophenol	9.91	139	189764	53.703	ng	95
27) 2,4-Dimethylphenol	9.97	122	377217	44.197	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	539385	40.059	ng	98
29) 2,4-Dichlorophenol	10.45	162	395370	44.749	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	373733	38.177	ng	99
31) Naphthalene	10.85	128	1181904	38.998	ng	100
32) Benzoic acid	10.12	122	258275	49.339	ng	95
33) 4-Chloroaniline	10.95	127	303171	22.386	ng	98
34) Hexachlorobutadiene	11.15	225	204082	35.704	ng	98
35) Caprolactam	11.72	113	153365m	45.719	ng	
36) 4-Chloro-3-methylphenol	12.08	107	467456	46.453	ng	100
37) 2-Methylnaphthalene	12.46	142	856267	39.745	ng	99
38) 1-Methylnaphthalene	12.68	142	821333	40.396	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	373542	37.840	ng	99

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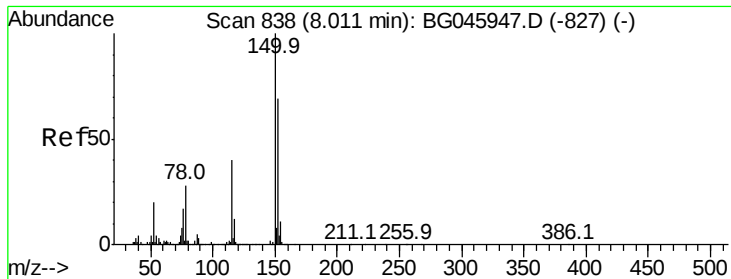
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	366536	62.576	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	293454	43.956	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	330611	43.798	nq	97
46) 1,1'-Biphenyl	13.46	154	1034457	39.268	nq	98
47) 2-Chloronaphthalene	13.50	162	802040	38.587	nq	98
48) 2-Nitroaniline	13.70	65	306329	52.250	nq	98
49) Acenaphthylene	14.35	152	1312439	39.136	nq	99
50) Dimethylphthalate	14.09	163	1033197	39.314	nq	99
51) 2,6-Dinitrotoluene	14.19	165	231178	49.099	nq	98
52) Acenaphthene	14.69	154	904524	42.762	nq	99
53) 3-Nitroaniline	14.52	138	216886	38.249	nq	# 87
54) 2,4-Dinitrophenol	14.73	184	158880	89.561	nq	# 86
55) Dibenzofuran	15.03	168	1223854	39.470	nq	99
56) 4-Nitrophenol	14.84	139	445564	104.063	nq	99
57) 2,4-Dinitrotoluene	14.98	165	311133	51.282	nq	90
58) Fluorene	15.67	166	1016347	39.956	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	278014m	47.703	nq	
60) Diethylphthalate	15.45	149	1080687	39.210	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	483240	38.187	nq	99
62) 4-Nitroaniline	15.69	138	273648	50.379	nq	94
63) Azobenzene	15.96	77	1223022	41.344	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	127316	48.595	nq	98
66) n-Nitrosodiphenylamine	15.88	169	924914	39.305	nq	96
67) 4-Bromophenyl-phenylether	16.56	248	320814	37.827	nq	98
68) Hexachlorobenzene	16.68	284	327864	38.524	nq	98
69) Atrazine	16.83	200	296845	42.666	nq	99
70) Pentachlorophenol	17.02	266	404420	85.468	nq	99
71) Phenanthrene	17.41	178	1580795	39.376	nq	97
72) Anthracene	17.50	178	1628825	39.979	nq	99
73) Carbazole	17.77	167	1559415	38.186	nq	100
74) Di-n-butylphthalate	18.34	149	1875928	38.014	nq	100
75) Fluoranthene	19.42	202	1820730	39.232	nq	99
77) Benzidine	19.60	184	1024370	56.413	nq	97
78) Pyrene	19.78	202	1793221	41.366	nq	99
80) Butylbenzylphthalate	20.68	149	863665	42.160	nq	96
81) Benzo(a)anthracene	21.61	228	1641931	39.320	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	501256	32.485	nq	99
83) Chrysene	21.67	228	1593784	40.063	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1208281	40.633	nq	99
85) Di-n-octyl phthalate	22.74	149	2054352	39.810	nq	100
87) Indeno(1,2,3-cd)pyrene	28.37	276	2039504	42.133	nq	99
88) Benzo(b)fluoranthene	23.79	252	1738854	41.398	nq	98
89) Benzo(k)fluoranthene	23.85	252	1706215	42.960	nq	99
90) Benzo(a)pyrene	24.64	252	1629100	41.246	nq	98
91) Dibenzo(a,h)anthracene	28.43	278	1636577	41.918	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1647090	41.921	nq	99

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



#1

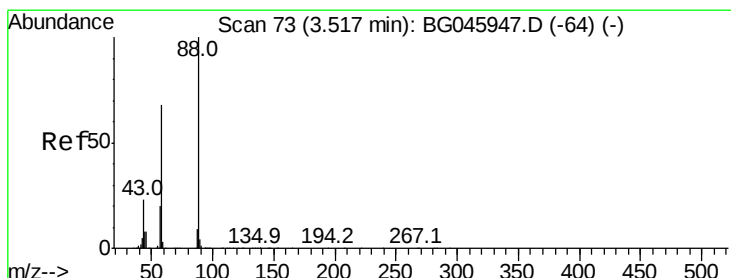
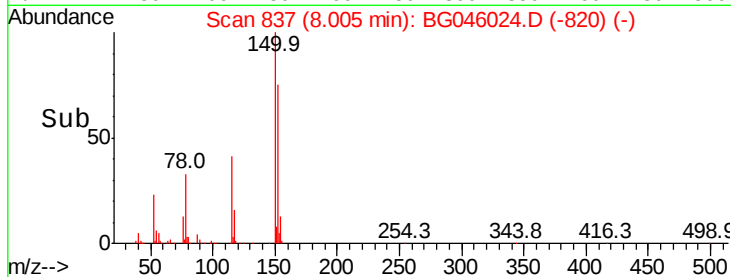
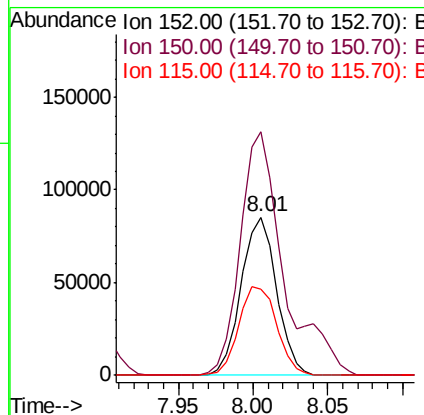
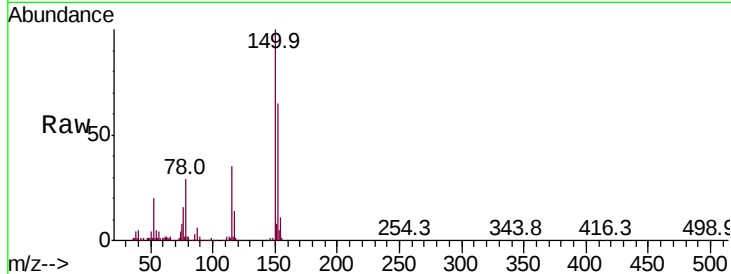
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	116.7	175.1
115	54.1	47.4	71.0

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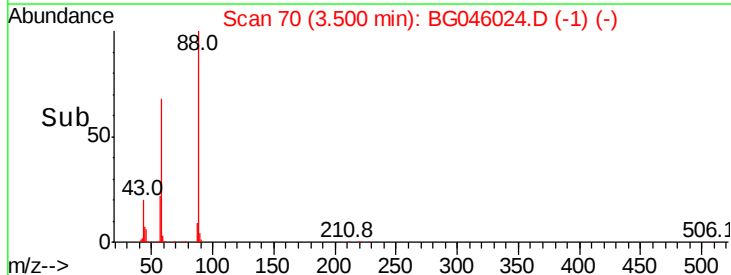
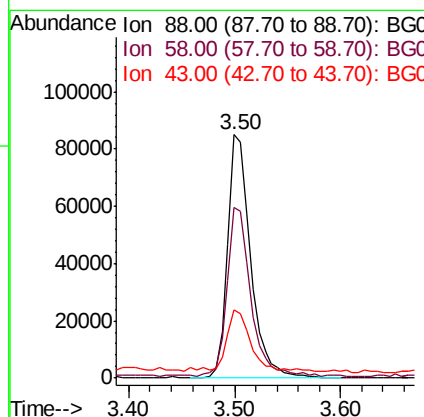
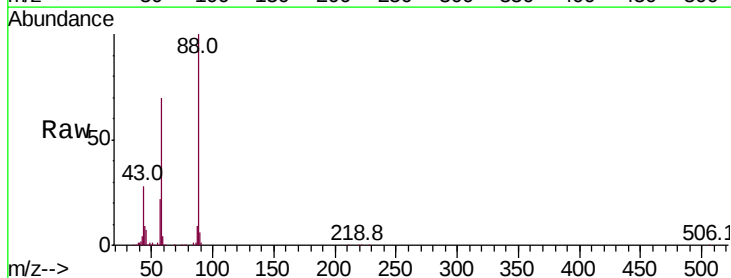
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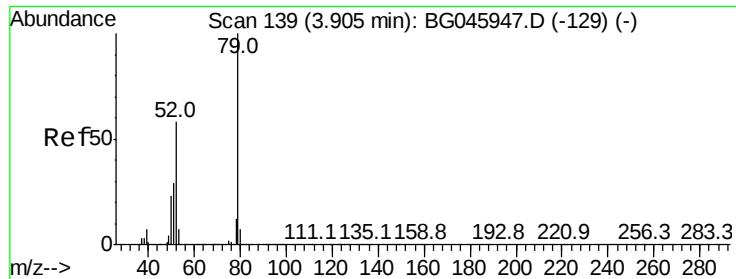


#2

1,4-Dioxane
Concen: 32.093 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.2	82.8
43	26.2	19.4	29.0





#3

Pvridine

Concen: 35.458 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

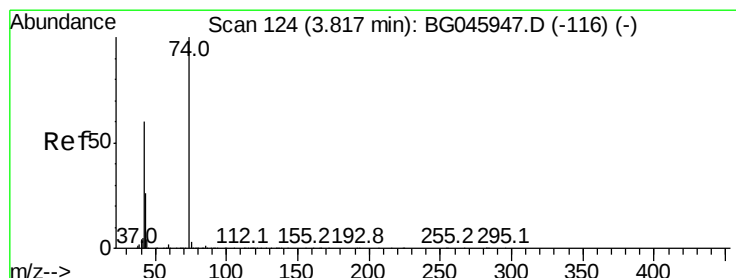
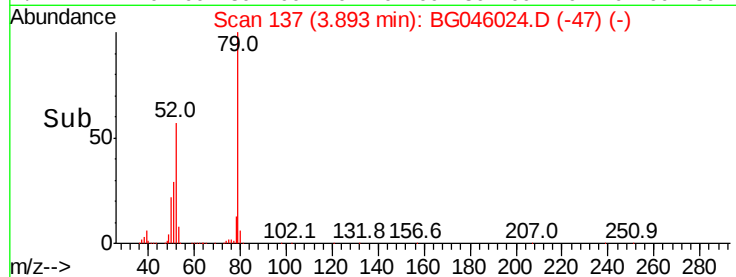
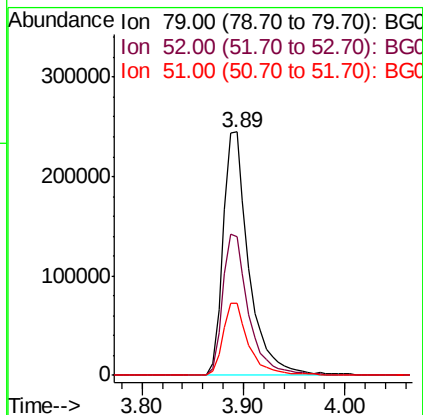
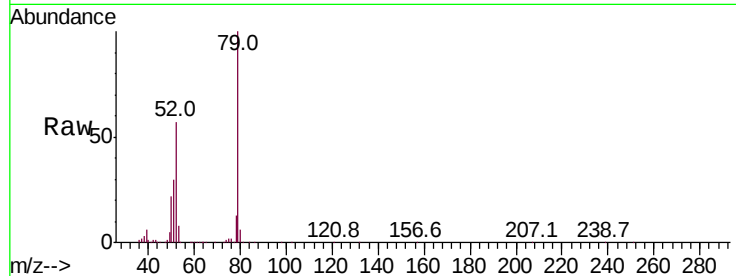
ClientSampleId :

PB130129BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	57.2	46.5	69.7
51	29.7	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 43.686 ng

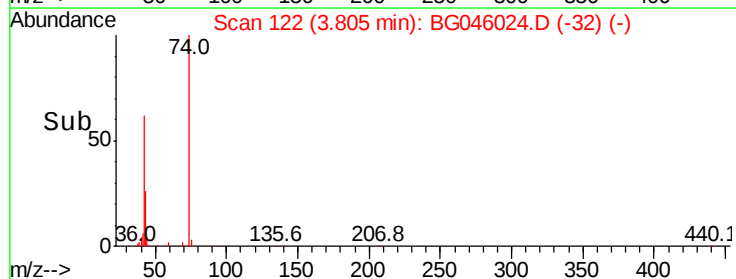
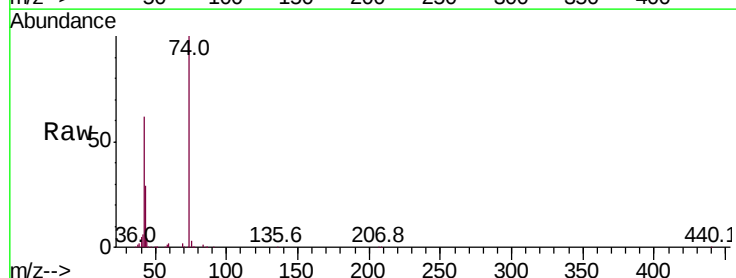
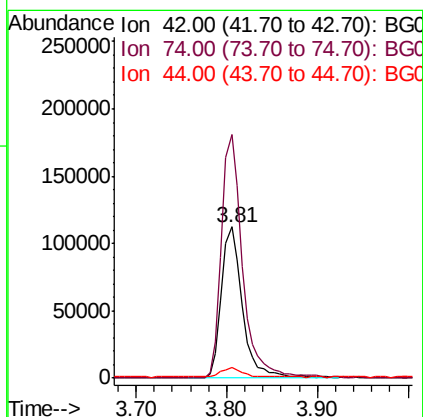
RT: 3.81 min Scan# 122

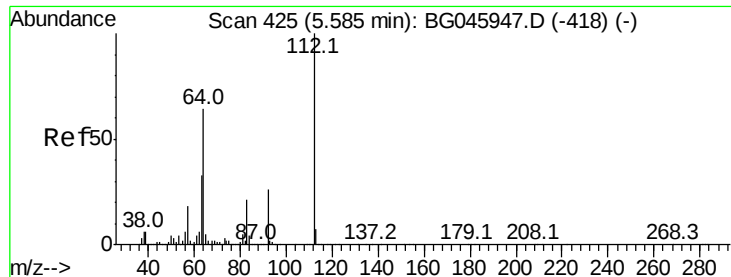
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.8	131.9	197.9
44	7.2	7.7	11.5#





#5

2-Fluorophenol

Concen: 86.235 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

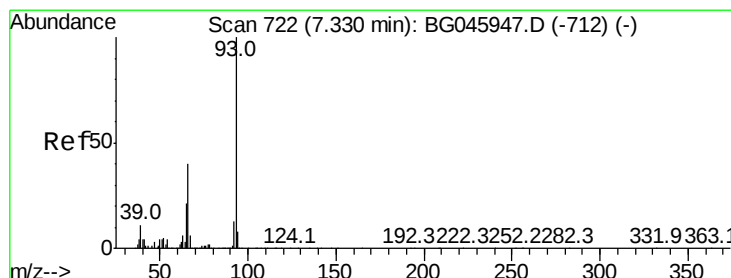
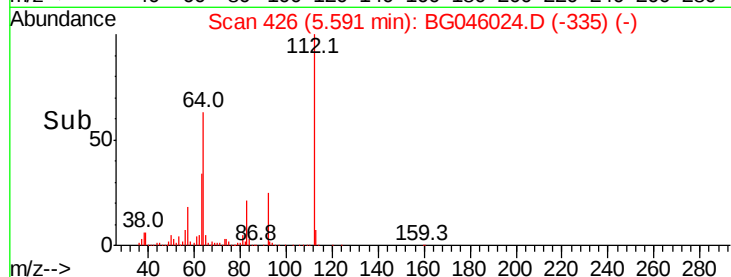
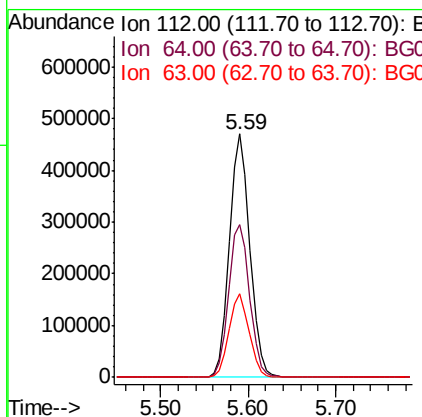
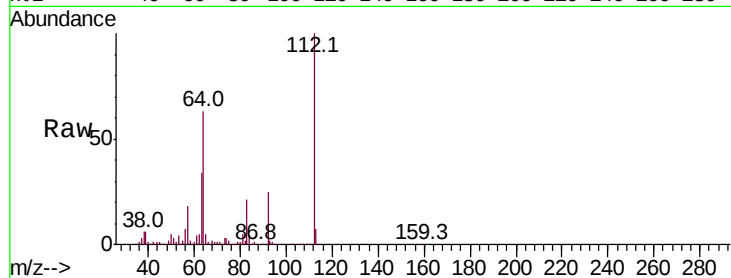
ClientSampleId :

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Tot Ion:	112	Resp:	748891
Ion Ratio	Lower	Upper	
112	100		
64	62.8	51.4	77.2
63	34.4	26.6	40.0

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#6

Aniline

Concen: 31.002 ng

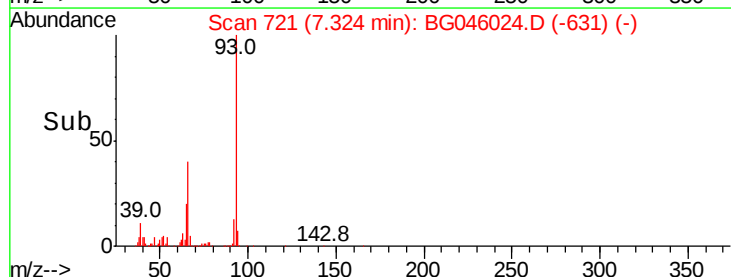
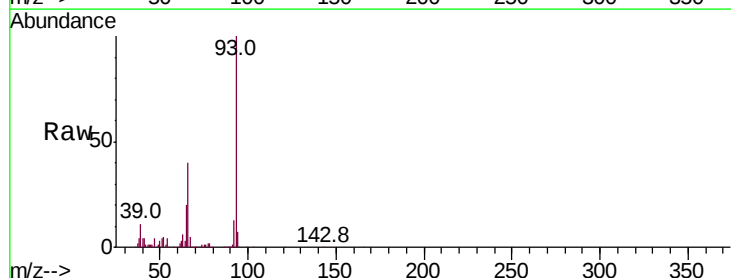
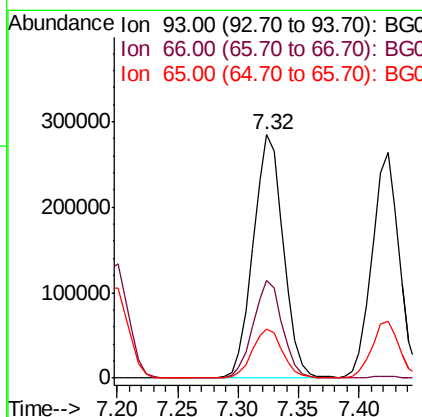
RT: 7.32 min Scan# 721

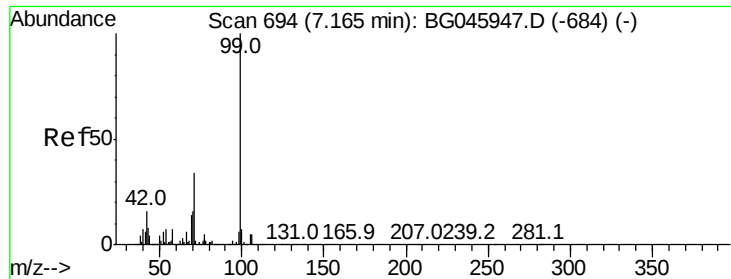
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	93	Resp:	495854
Ion Ratio	Lower	Upper	
93	100		
66	40.2	32.3	48.5
65	20.3	16.6	25.0





#7

Phenol-d6

Concen: 82.613 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

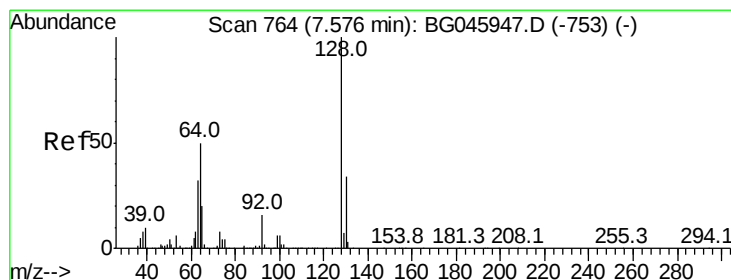
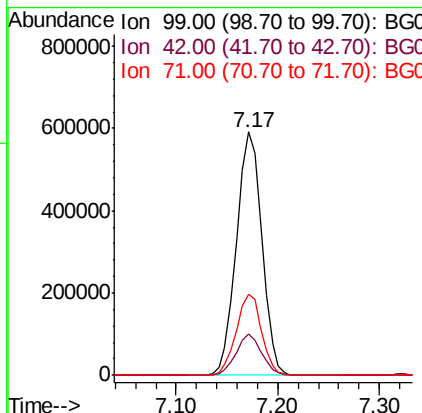
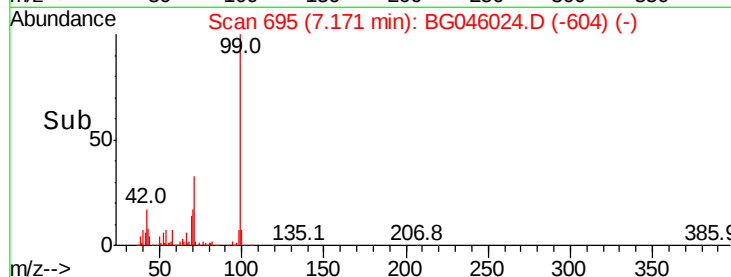
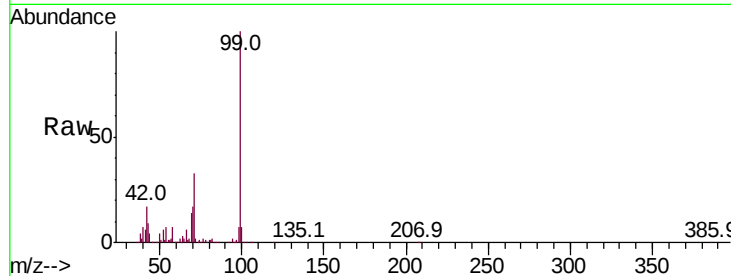
ClientSampleId :

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Tot Ion:	99	Resp:	1032901
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.0	19.4
71	33.4	27.5	41.3

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#8

2-Chlorophenol

Concen: 45.626 ng

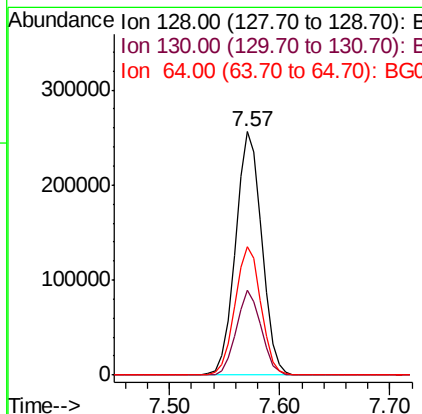
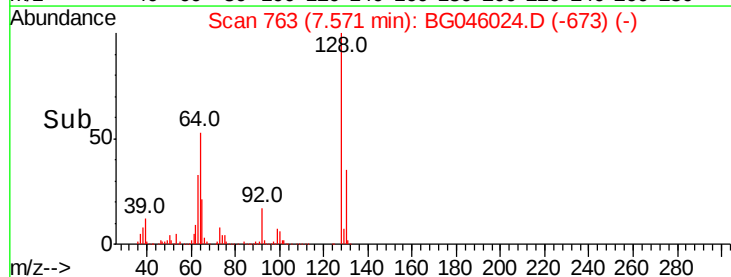
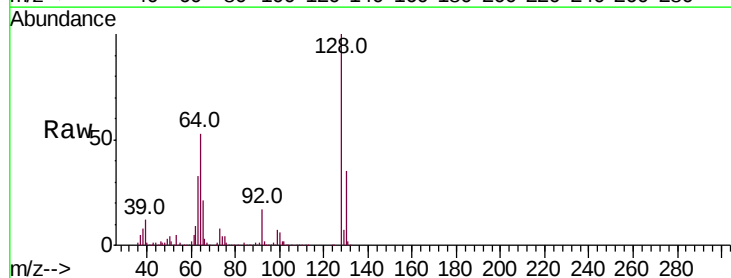
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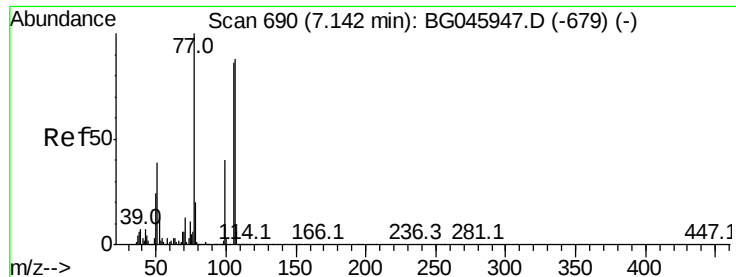
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	128	Resp:	426528
Ion	Ratio	Lower	Upper
128	100		
130	34.9	13.6	53.6
64	52.8	30.6	70.6





#9

Benzaldehyde

Concen: 17.954 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

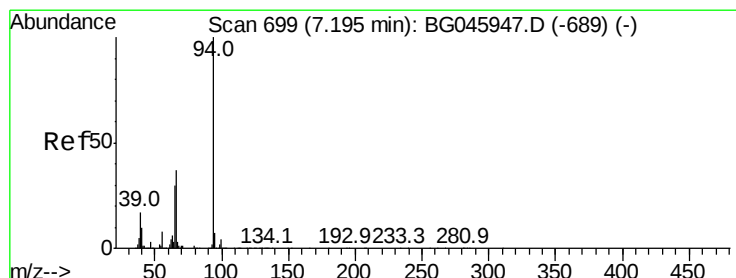
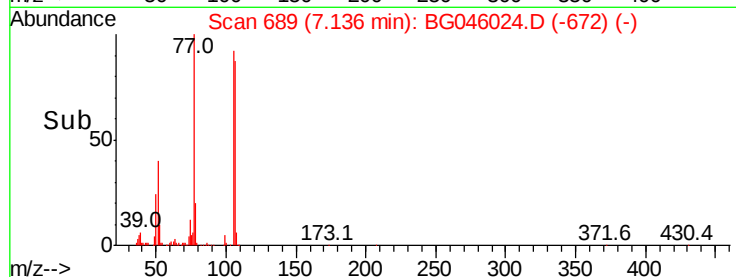
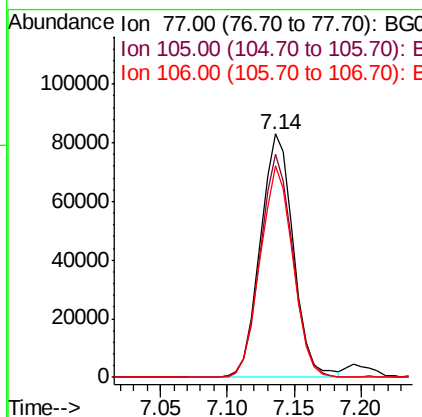
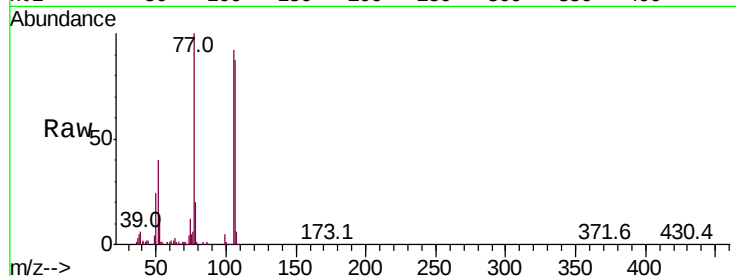
ClientSampleId :

PB130129BSD

Tot Ion:	77	Resp:	142224
Ion Ratio	Lower	Upper	
77	100		
105	91.9	66.0	106.0
106	86.7	67.7	107.7

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#10

Phenol

Concen: 45.838 ng

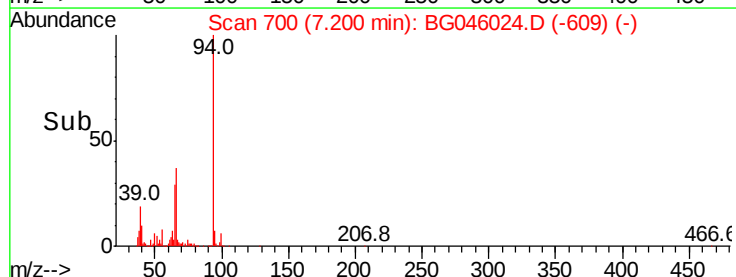
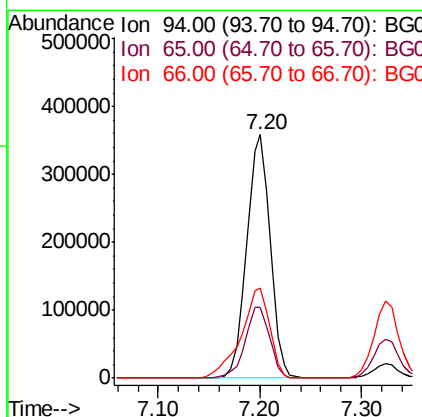
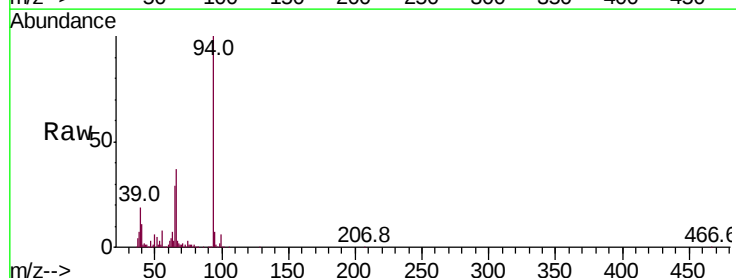
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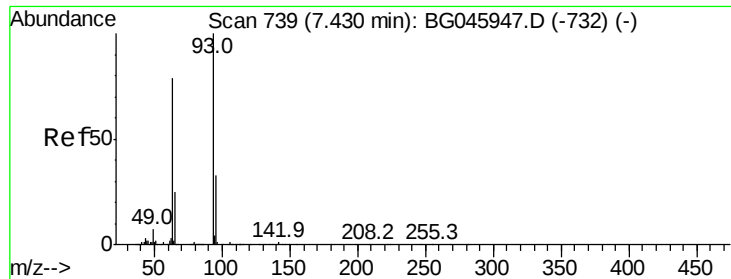
Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	94	Resp:	574891
Ion Ratio	Lower	Upper	
94	100		
65	29.2	10.6	50.6
66	37.1	17.1	57.1





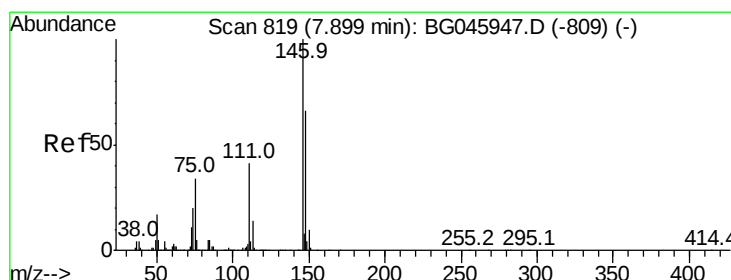
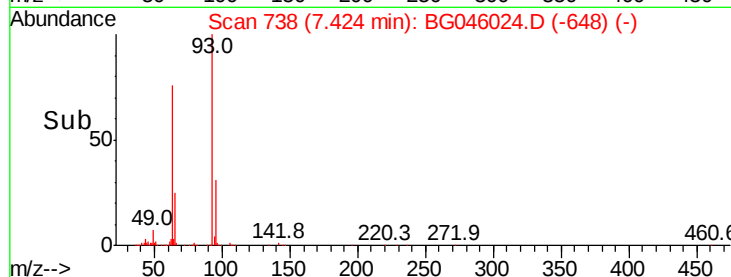
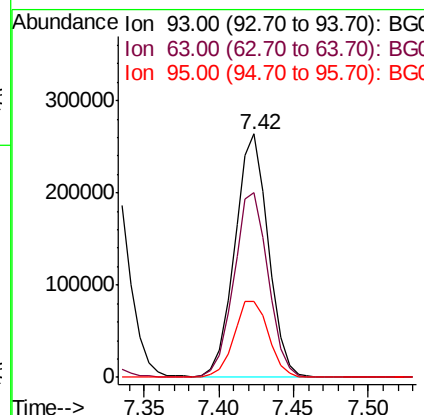
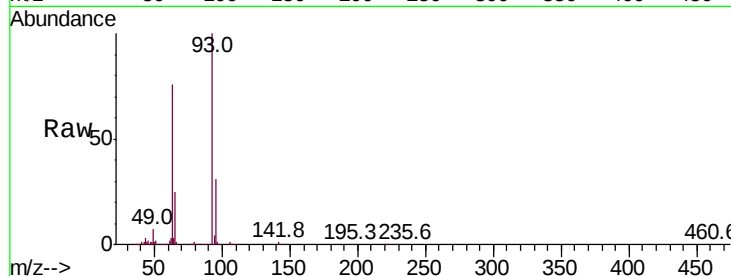
#11
bis(2-Chloroethyl)ether
Concen: 39.489 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.1	58.6	98.6	
95	31.2	13.3	53.3	

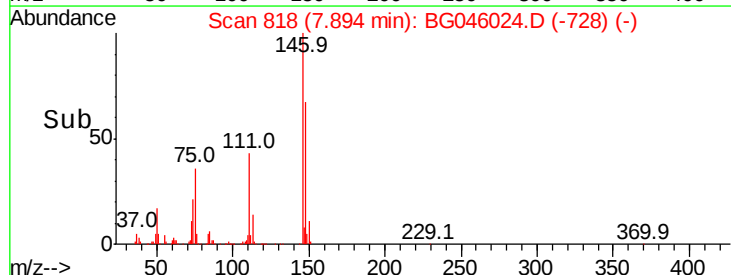
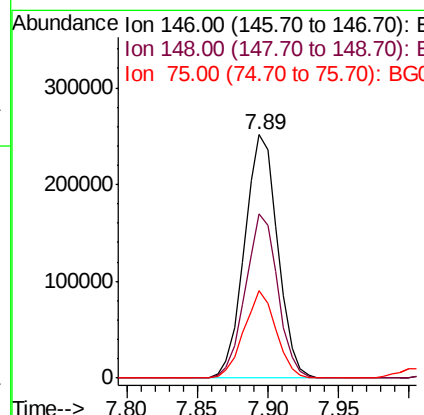
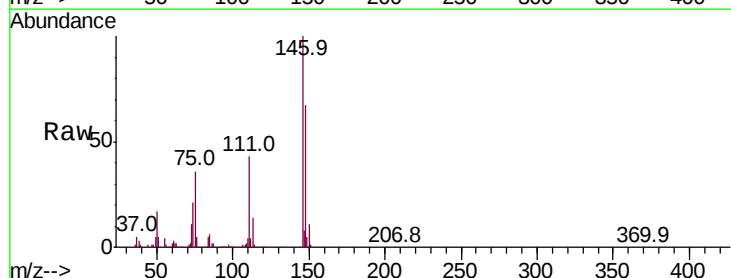
Manual Integrations
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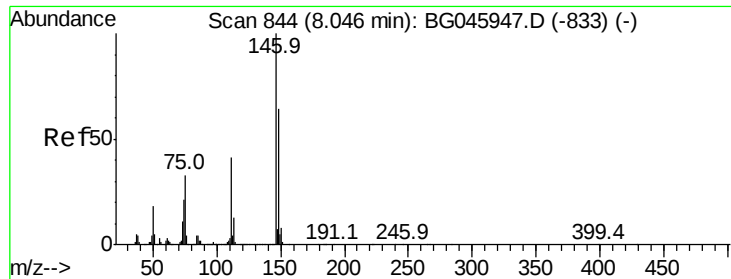
mohammad
7/14/2020 12:01:35 PM



#12
1,3-Dichlorobenzene
Concen: 38.313 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.4	52.8	79.2	
75	35.8	27.2	40.8	





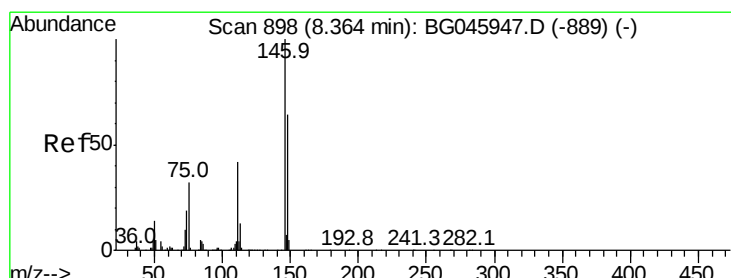
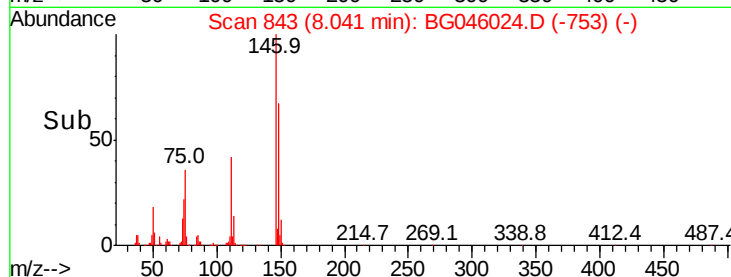
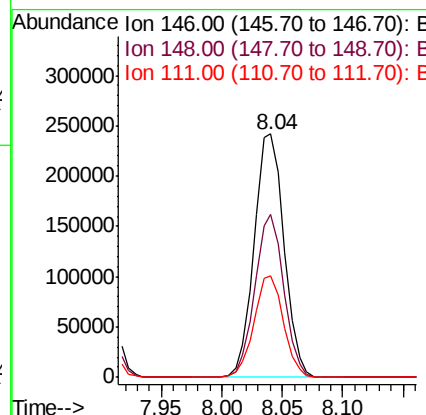
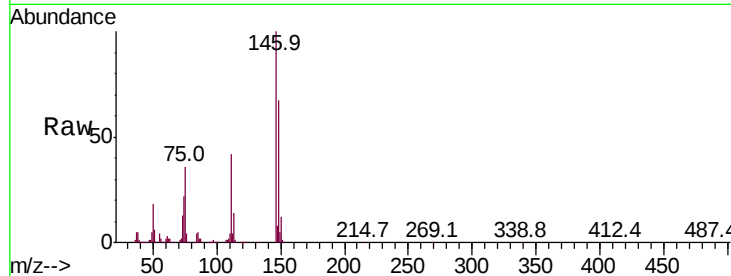
#13
 1,4-Dichlorobenzene
 Concen: 39.313 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.7	77.5
111	41.8	33.3	49.9

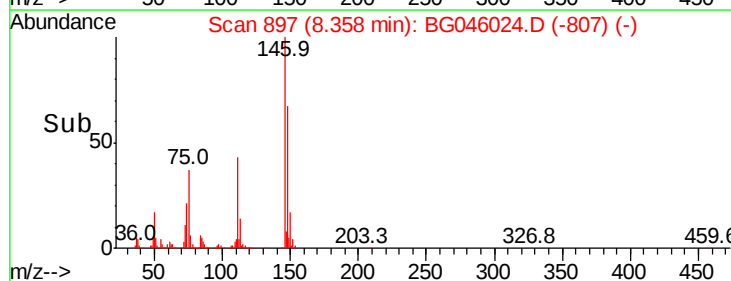
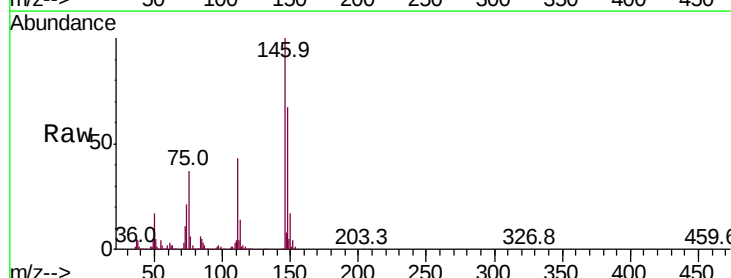
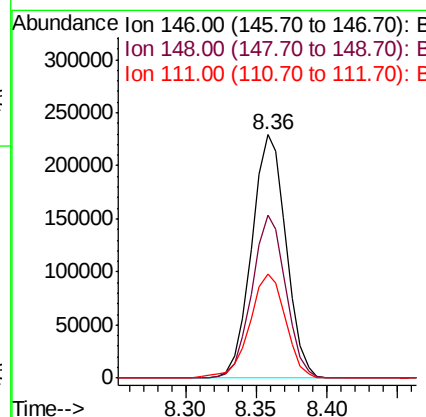
Manual Integrations
 APPROVED

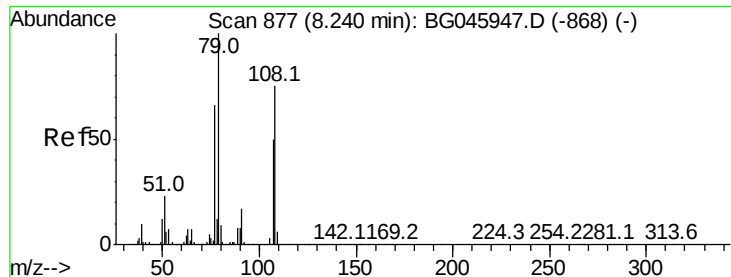
mohammad
 7/14/2020 12:01:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.310 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.6	77.4
111	42.7	34.0	51.0





#15

Benzyl Alcohol

Concen: 41.637 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

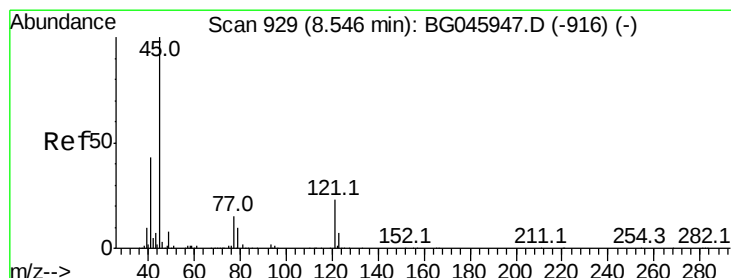
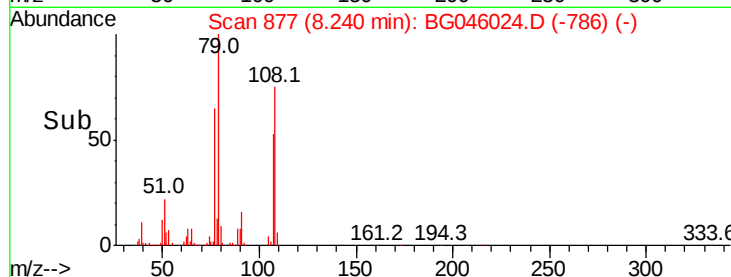
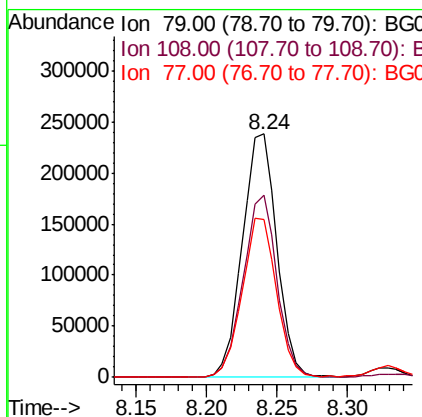
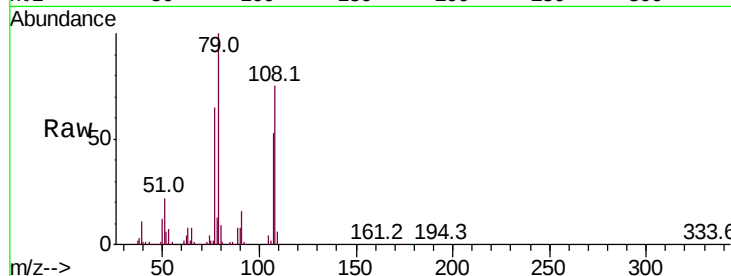
ClientSampleId :

PB130129BSD

Tot Ion:	79	Resp:	408186
Ion Ratio	Lower	Upper	
79	100		
108	74.6	60.2	90.4
77	64.9	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.149 ng

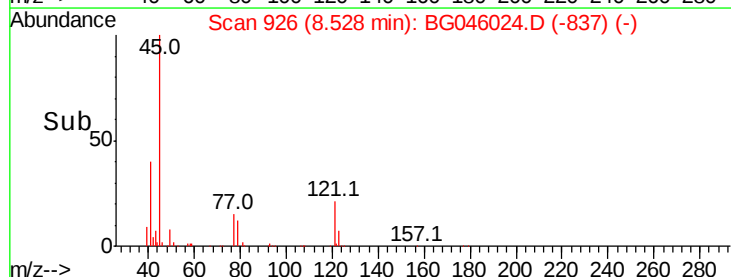
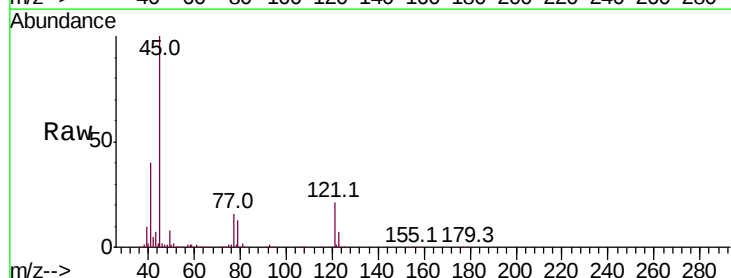
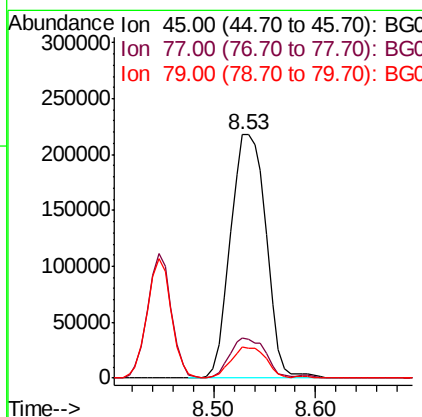
RT: 8.53 min Scan# 926

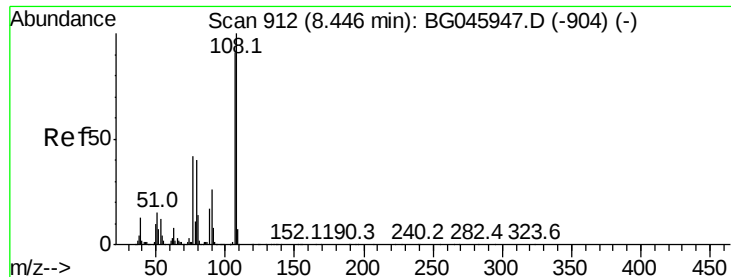
Delta R.T. -0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	45	Resp:	529741
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	37.6
79	12.9	0.0	32.6





#17

2-Methylphenol

Concen: 40.921 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

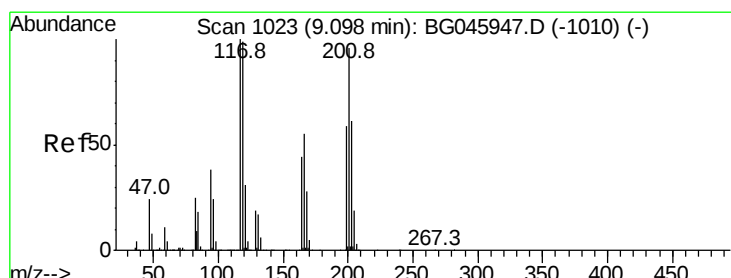
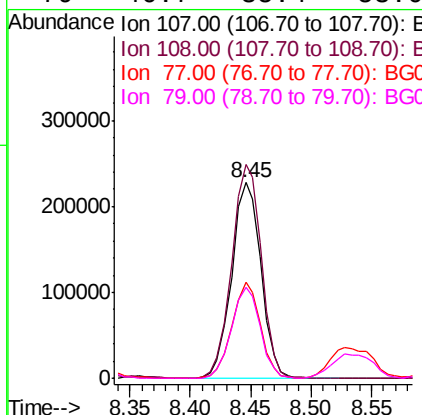
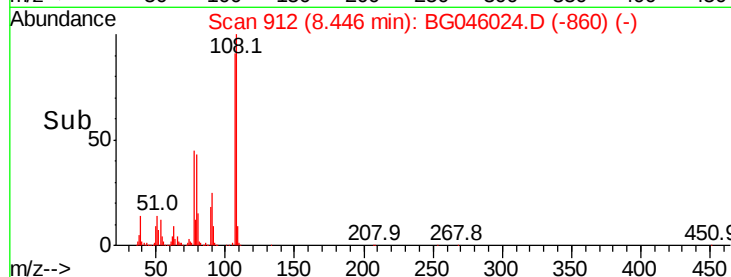
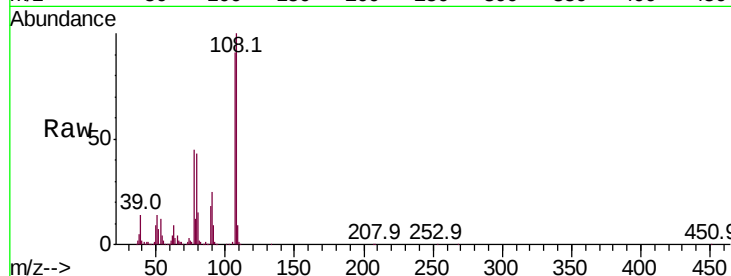
ClientSampleId :

PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	88.2	132.4	
77	49.2	37.0	55.4	
79	46.7	35.4	53.0	

Manual Integrations
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#18

Hexachloroethane

Concen: 38.794 ng

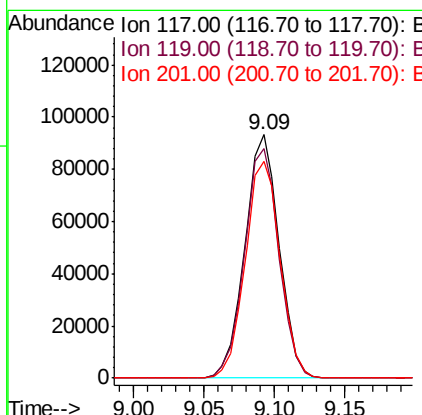
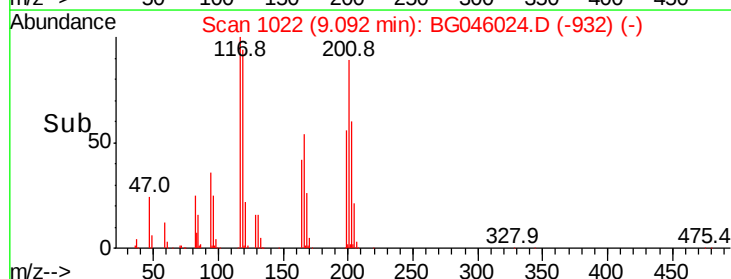
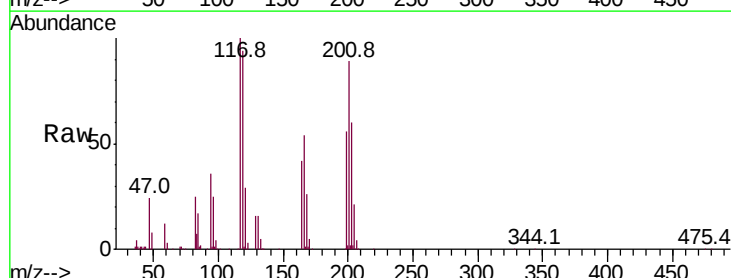
RT: 9.09 min Scan# 1022

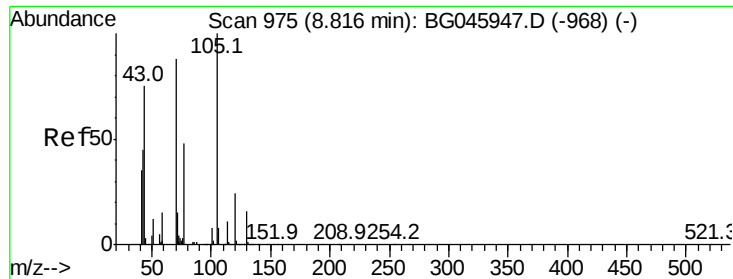
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	79.5	119.3	
201	88.9	77.0	115.4	





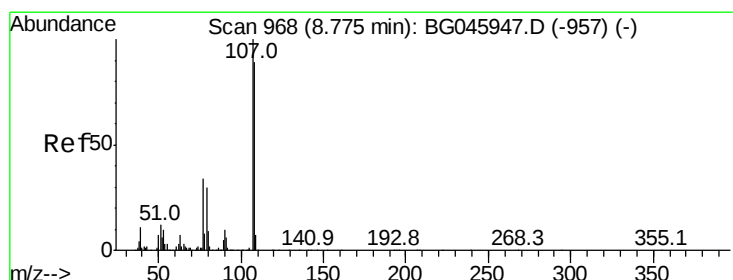
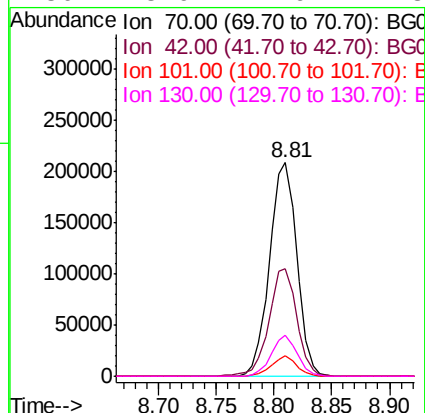
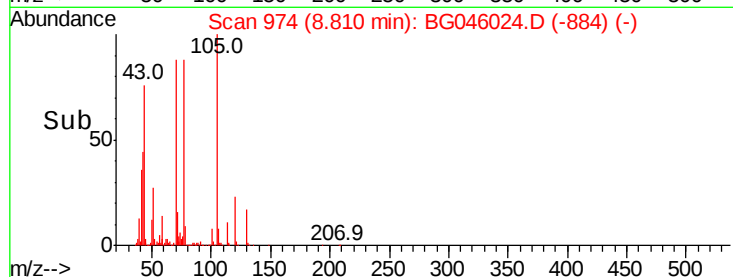
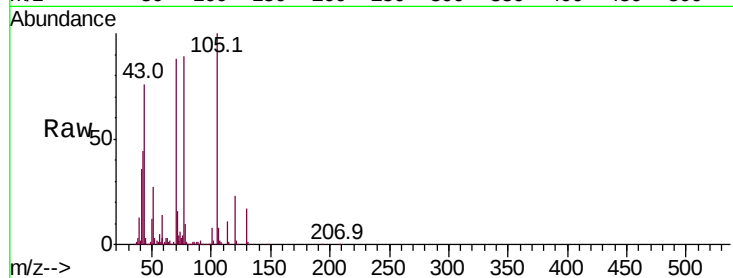
#19
n-Nitroso-di-n-propylamine
Concen: 39.335 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.4	41.4	62.0	
101	9.4	7.1	10.7	
130	18.9	14.9	22.3	

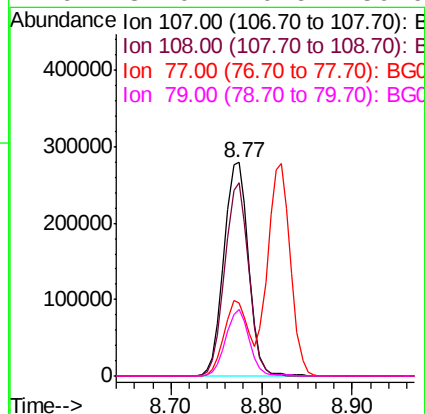
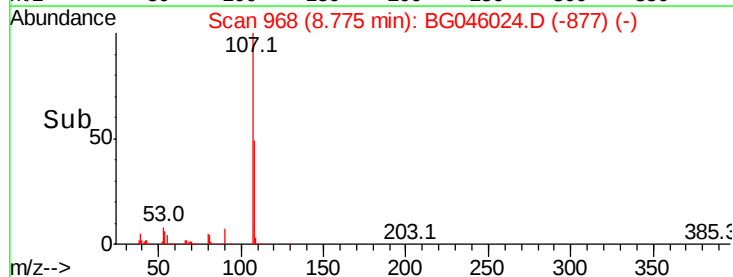
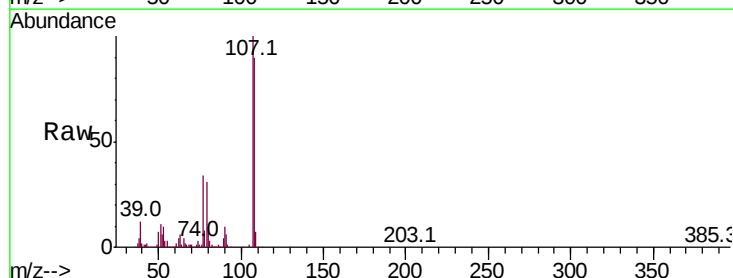
Manual Integrations
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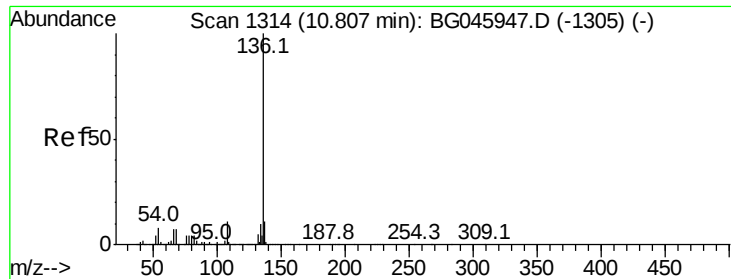
mohammad
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#20
3+4-Methylphenols
Concen: 41.270 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	68.7	108.7	
77	34.4	14.6	54.6	
79	31.0	10.6	50.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

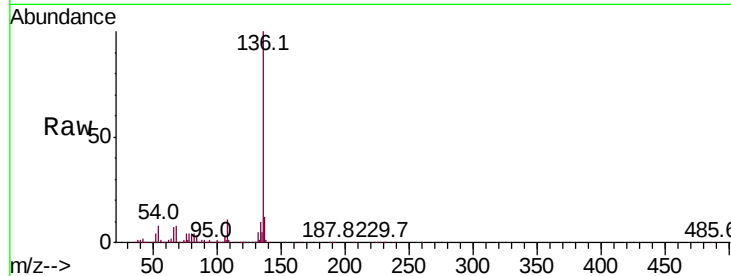
ClientSampleId :

PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.2	13.8	
54	8.4	6.2	9.4	
68	8.2	5.8	8.8	

Manual Integrations
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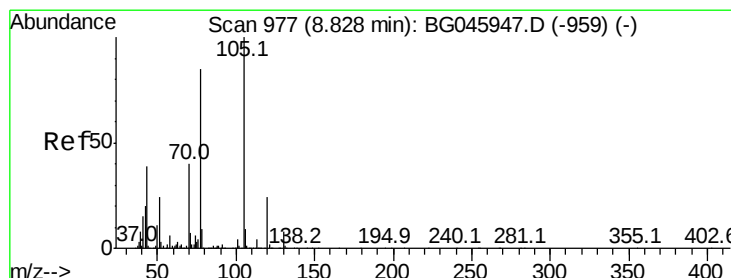
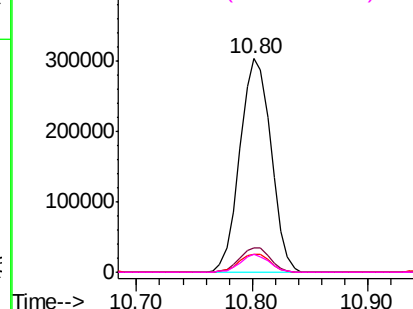
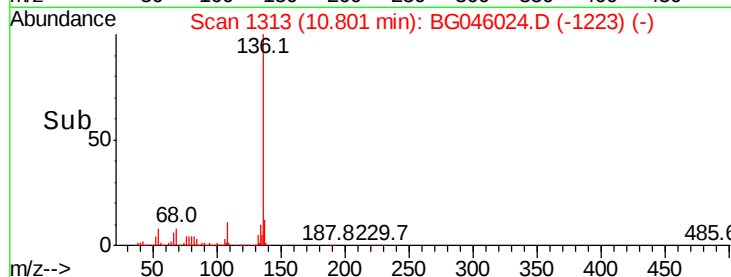


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.756 ng

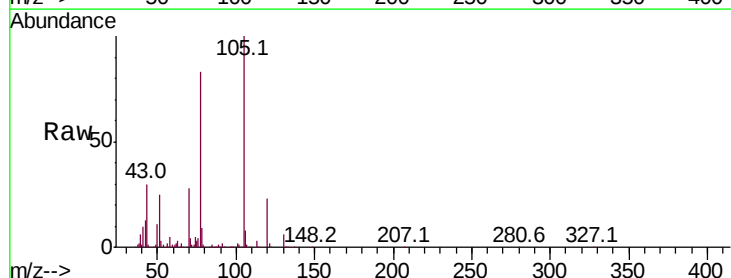
RT: 8.82 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	6.2	9.2#	
51	25.0	19.7	29.5	
120	23.0	19.2	28.8	

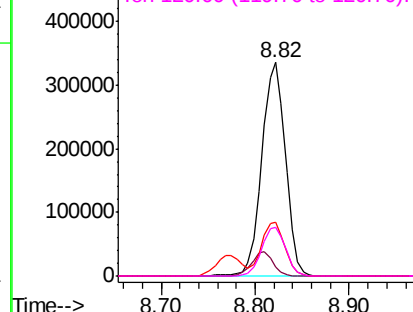
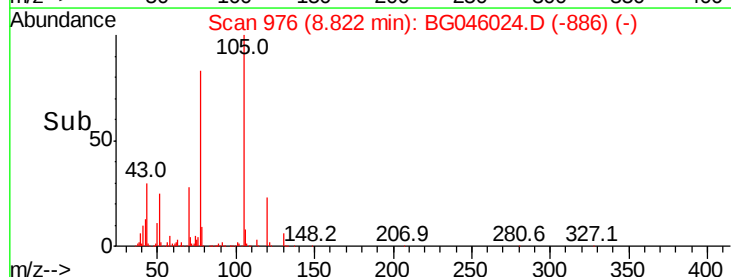


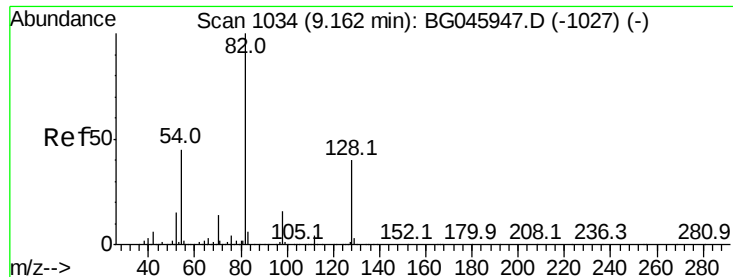
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





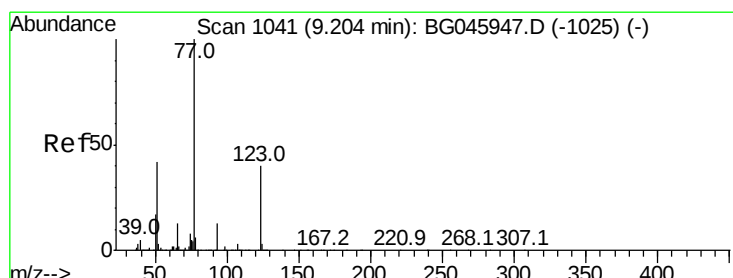
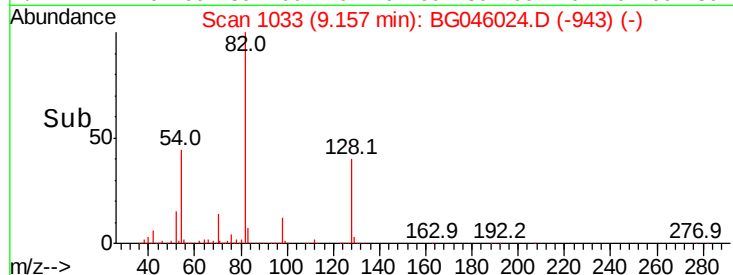
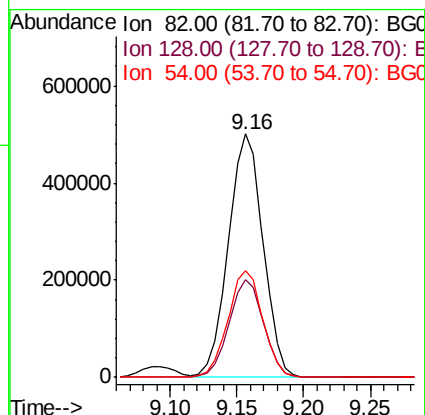
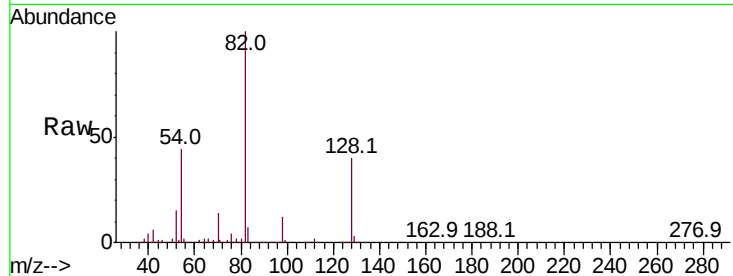
#23
Nitrobenzene-d5
Concen: 92.211 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	40.4	32.2	48.4
54	44.0	35.8	53.6

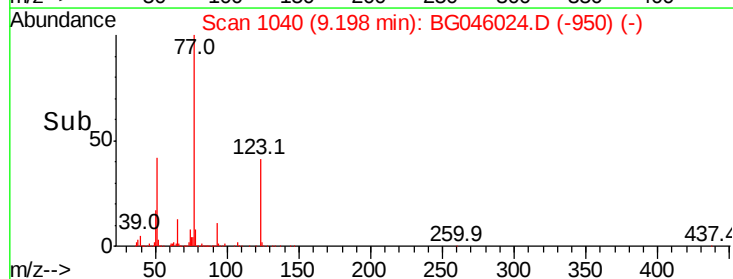
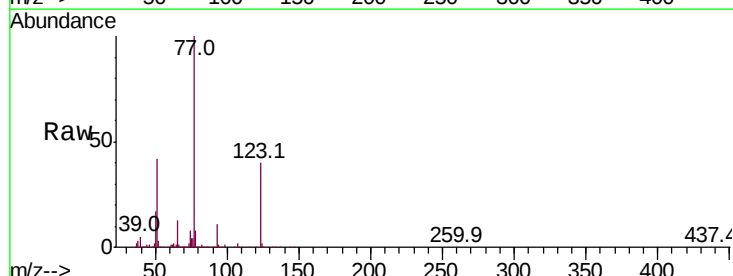
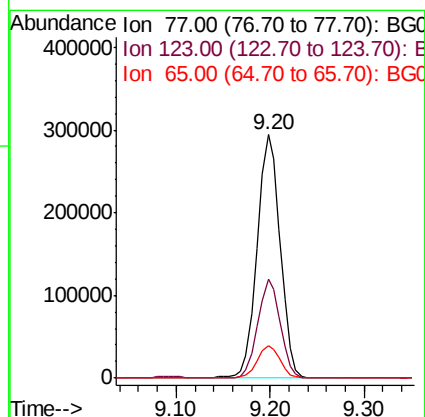
Manual Integrations
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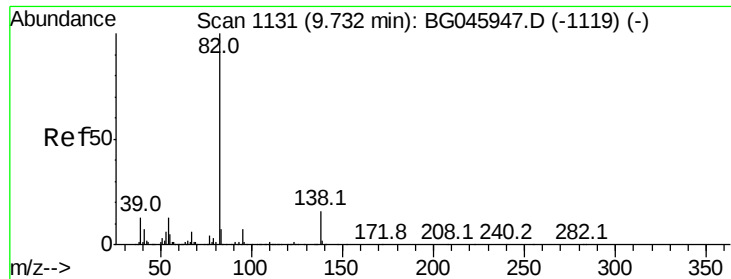
mohammad
7/14/2020 12:01:35 PM



#24
Nitrobenzene
Concen: 45.951 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	40.5	32.7	49.1
65	13.3	10.2	15.4





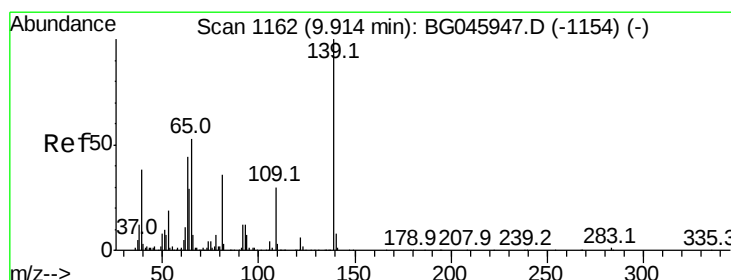
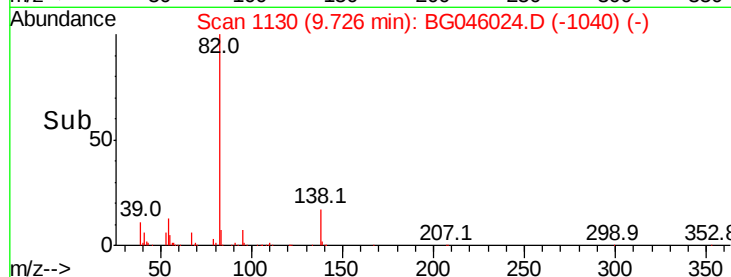
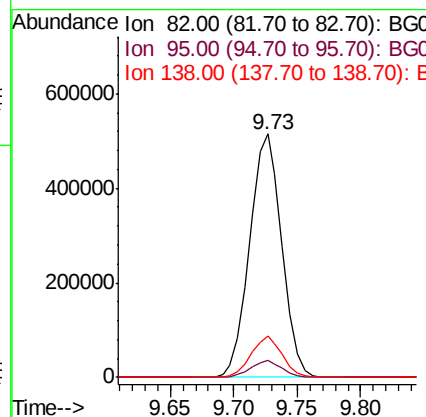
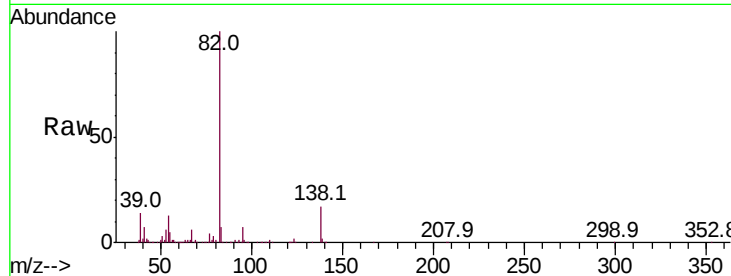
#25
Isophorone
Concen: 37.549 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.8	8.6	
138	16.8	12.9	19.3	

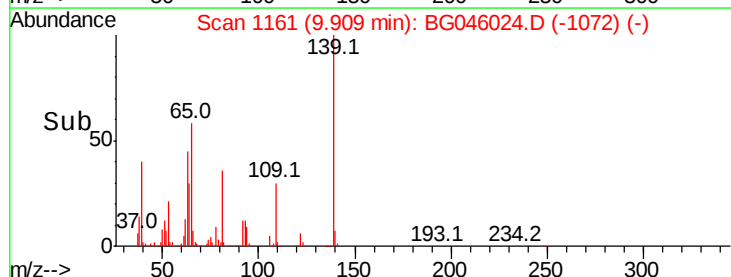
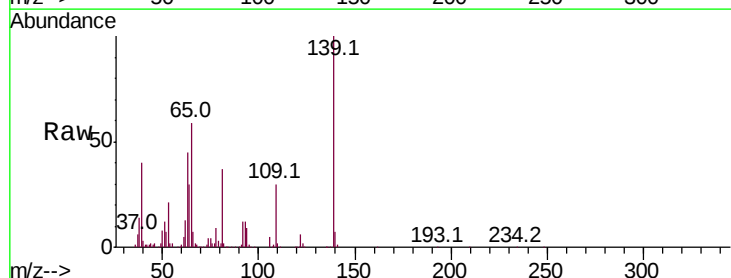
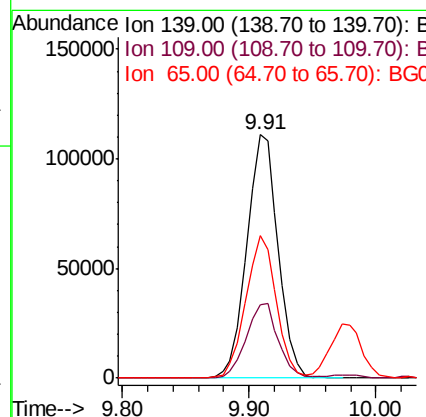
Manual Integrations
APPROVED

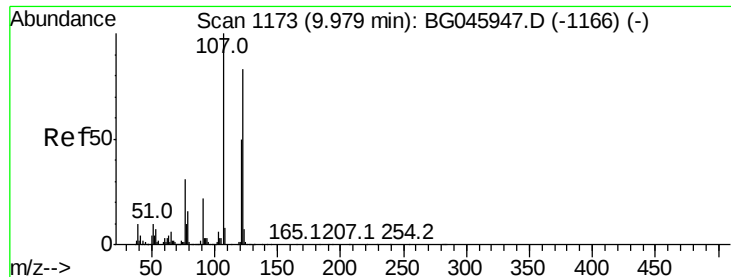
mohammad
7/14/2020 12:01:35 PM



#26
2-Nitrophenol
Concen: 53.703 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.1	24.6	37.0	
65	58.5	42.6	64.0	





#27

2,4-Dimethylphenol

Concen: 44.197 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

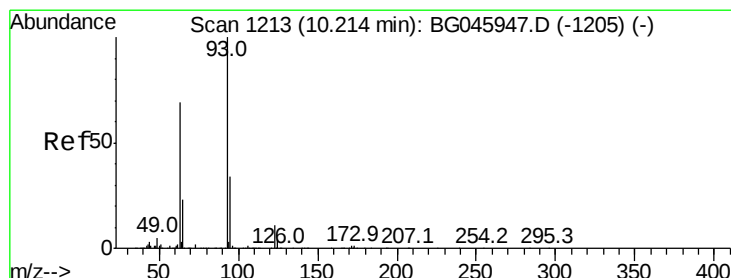
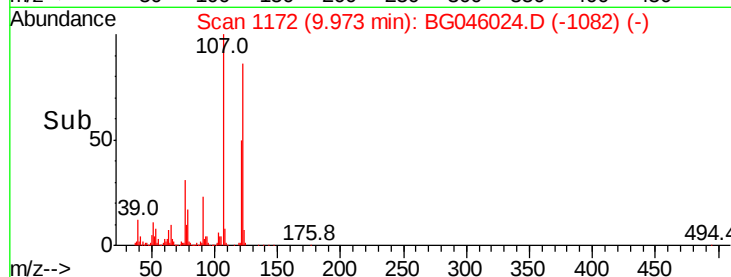
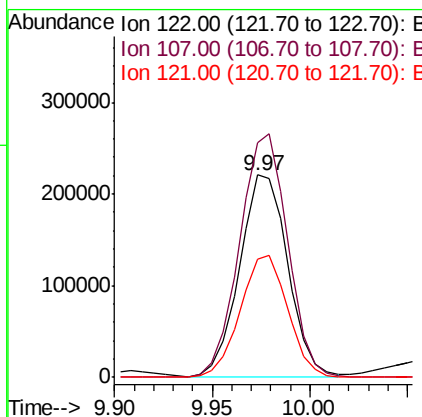
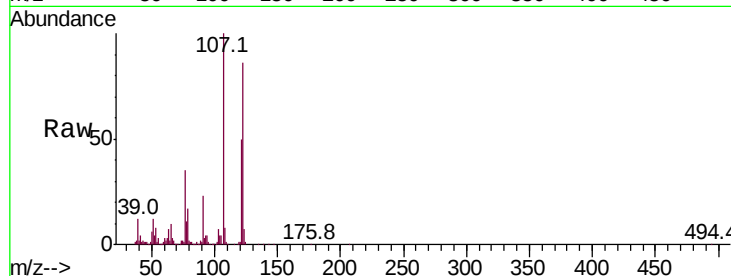
ClientSampleId :

PB130129BSD

Tot Ion:	122	Resp:	377217
Ion Ratio	Lower	Upper	
122	100		
107	115.8	95.6	143.4
121	58.3	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.059 ng

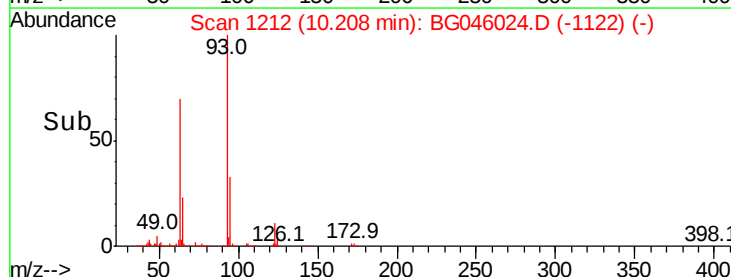
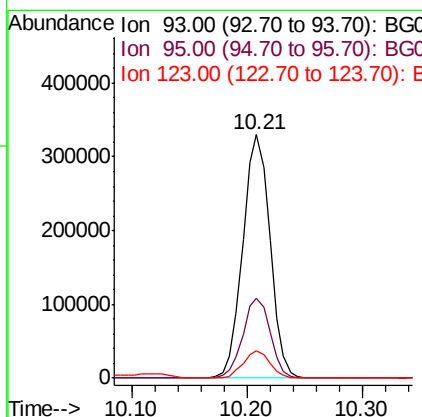
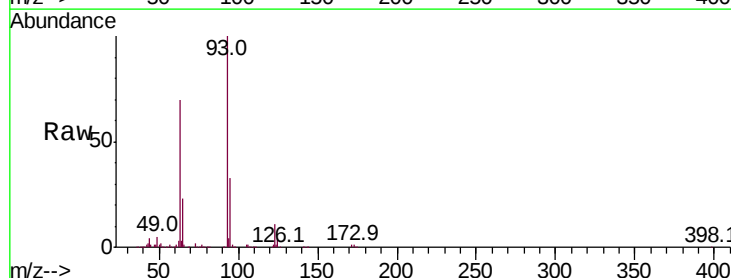
RT: 10.21 min Scan# 1212

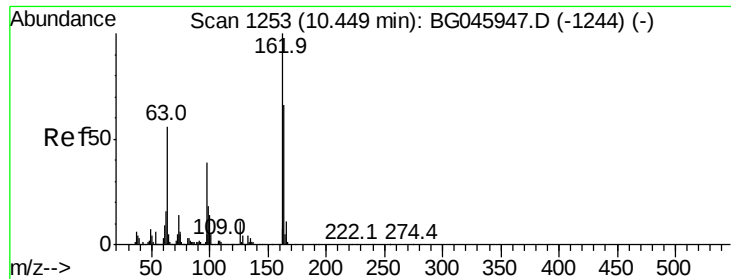
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	93	Resp:	539385
Ion Ratio	Lower	Upper	
93	100		
95	32.7	27.5	41.3
123	11.2	9.2	13.8





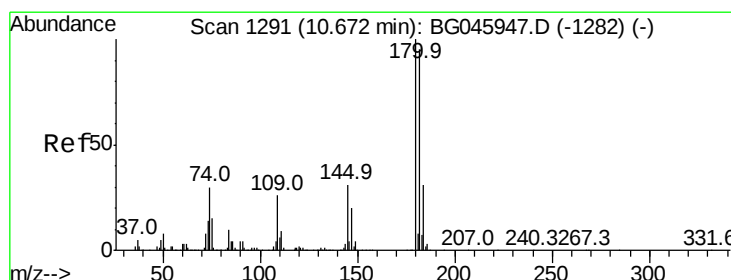
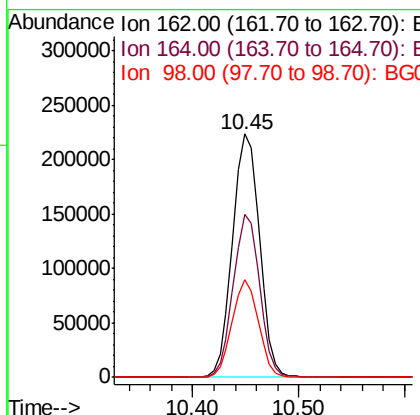
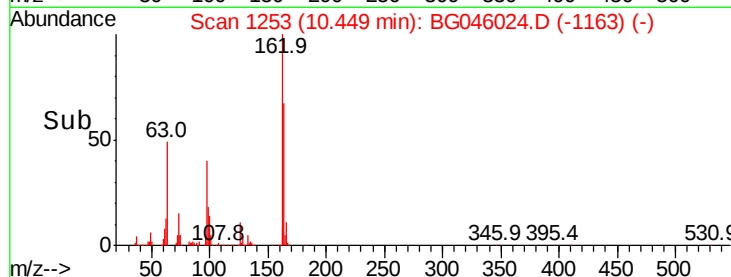
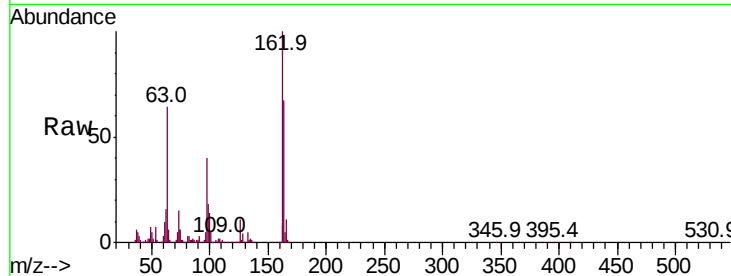
#29
2,4-Dichlorophenol
Concen: 44.749 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	46.0	86.0
98	40.4	19.2	59.2

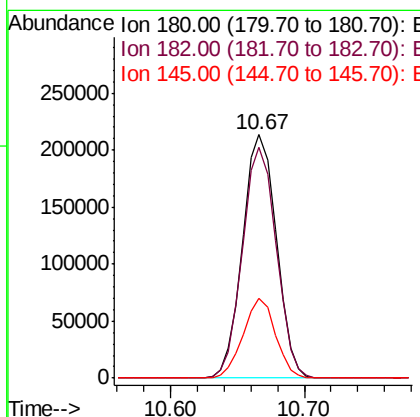
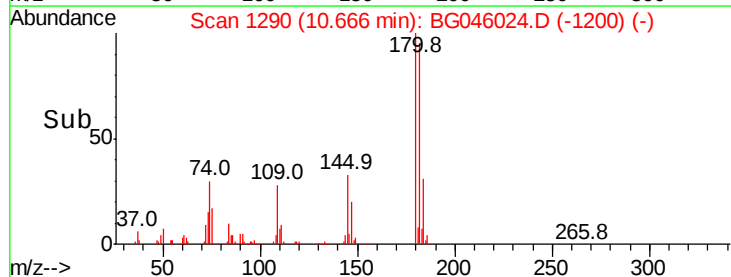
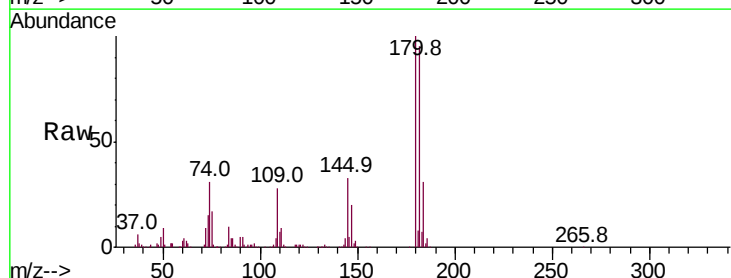
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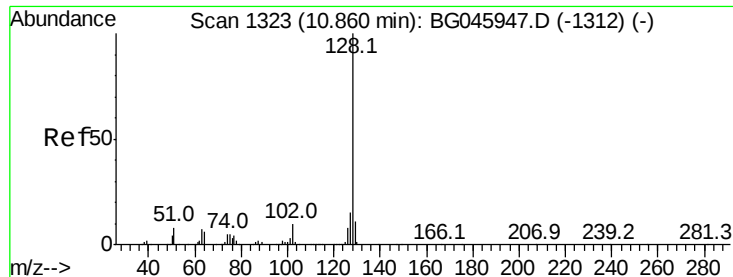
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.177 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.3	114.5
145	32.6	24.8	37.2





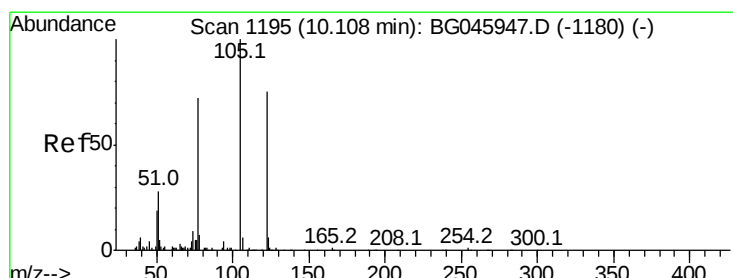
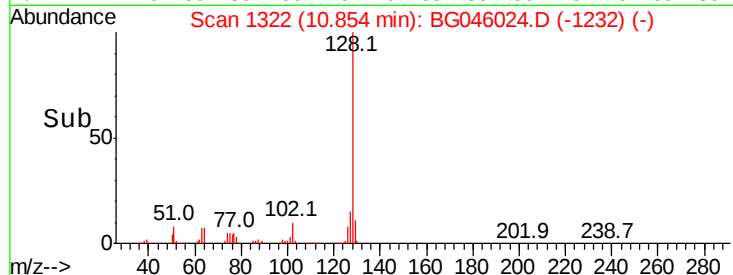
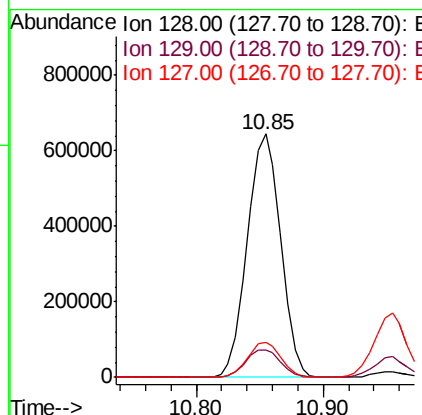
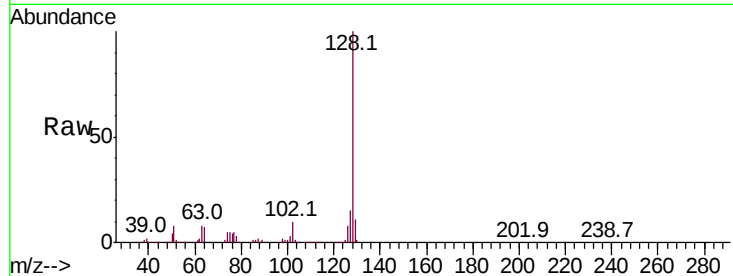
#31
Naphthalene
Concen: 38.998 ng
RT: 10.85 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	14.5	11.8	17.6

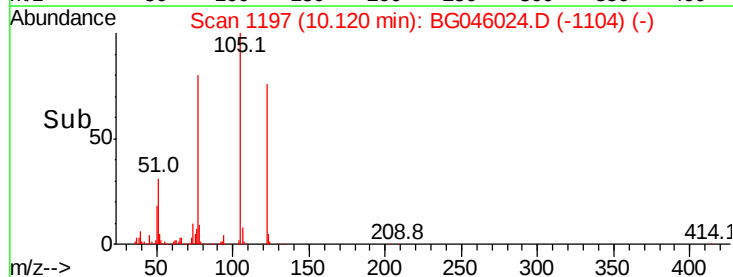
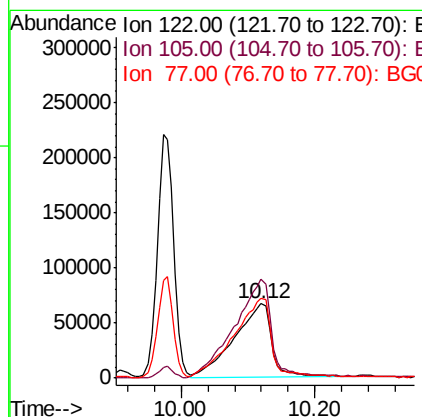
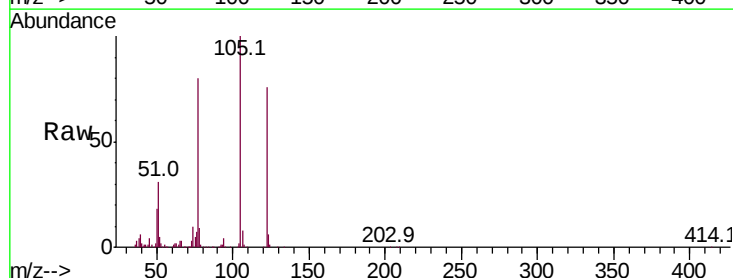
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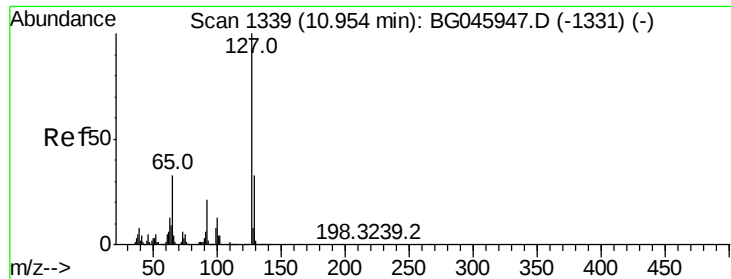
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#32
Benzoic acid
Concen: 49.339 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.2	110.8	150.8
77	106.3	76.4	116.4





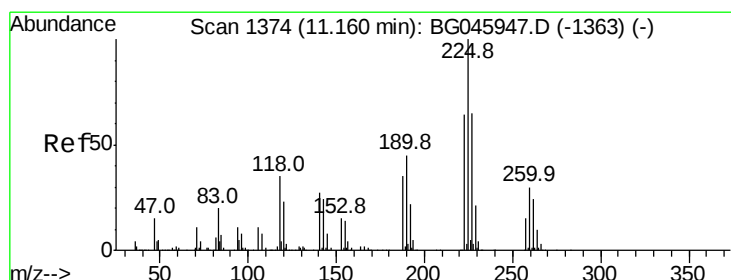
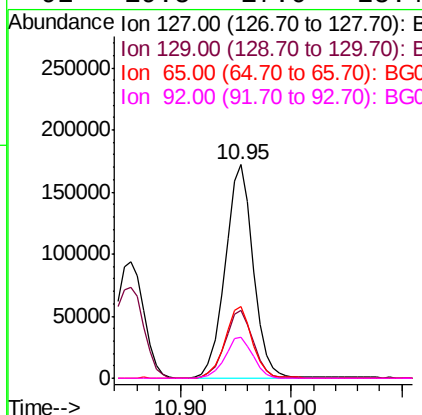
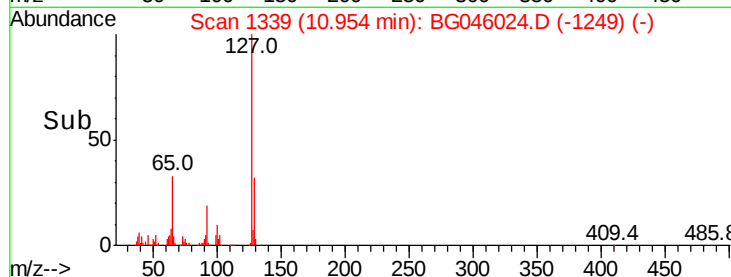
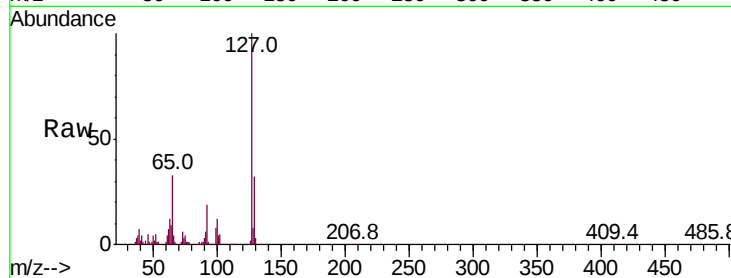
#33
4-Chloroaniline
Concen: 22.386 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.6	39.8		
65	33.4	26.8	40.2		
92	19.5	17.0	25.4		

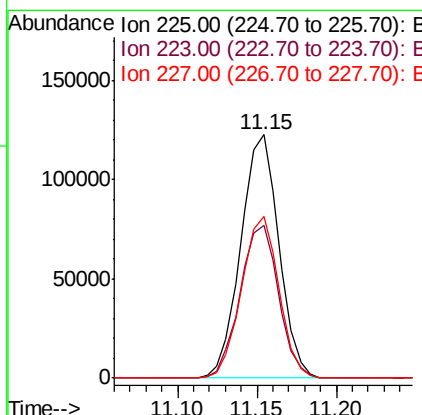
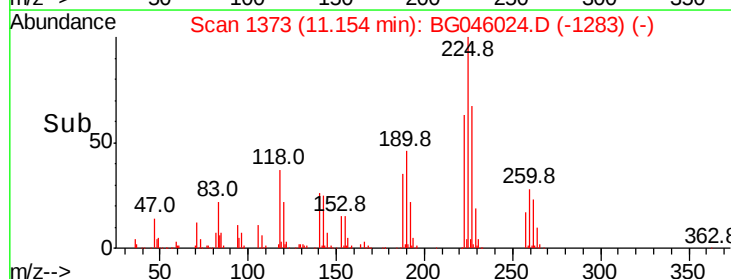
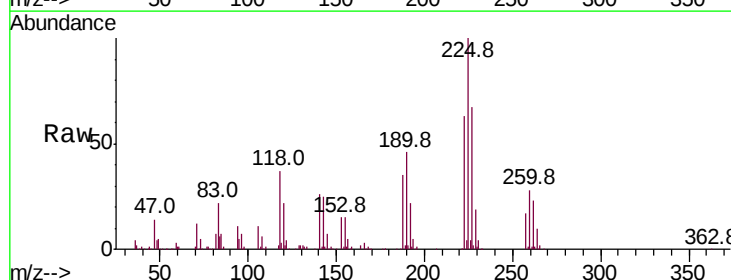
Manual Integrations
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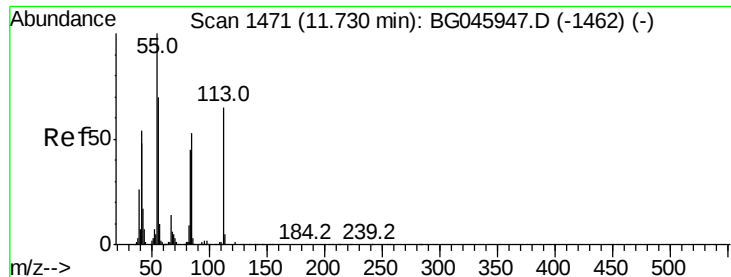
mohammad
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#34
Hexachlorobutadiene
Concen: 35.704 ng
RT: 11.15 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.2	76.8		
227	66.5	52.3	78.5		





#35

Caprolactam

Concen: 45.719 ng/ml

RT: 11.72 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:113 Resp: 153365

Ion Ratio Lower Upper

113 100

55 171.1 141.6 181.6

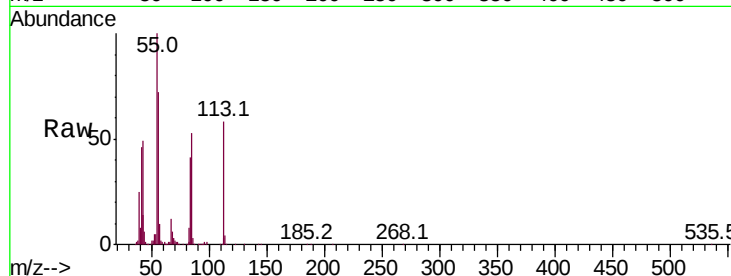
56 122.4 89.6 129.6

Manual Integrations

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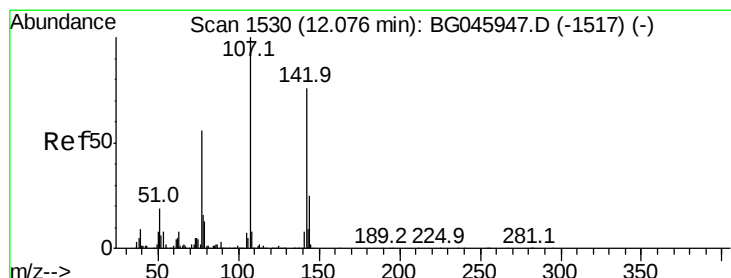
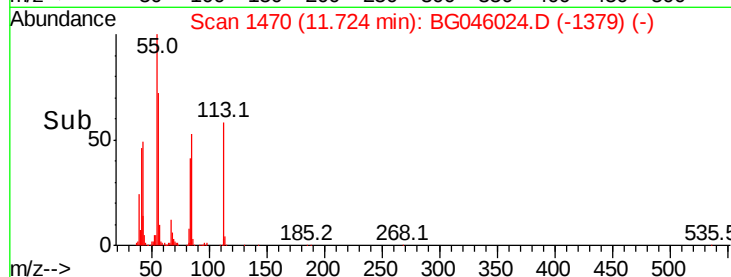
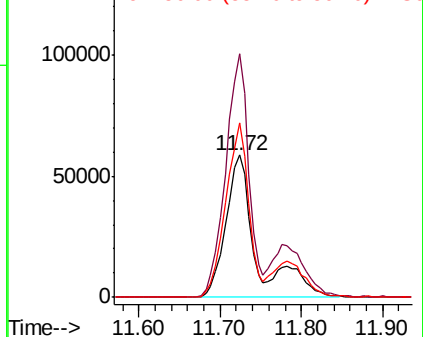
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.453 ng/ml

RT: 12.08 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

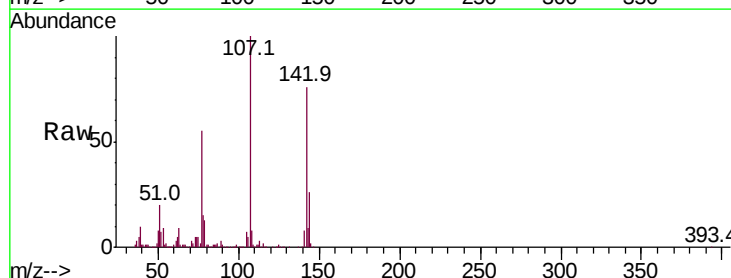
Tgt Ion:107 Resp: 467456

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

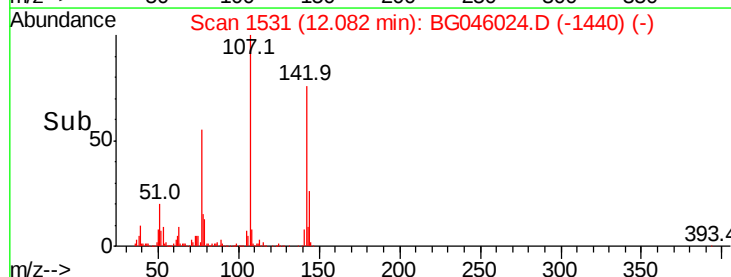
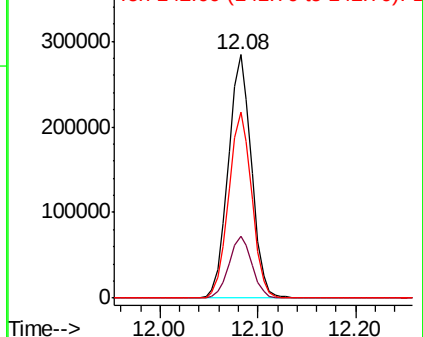
142 76.4 61.1 91.7

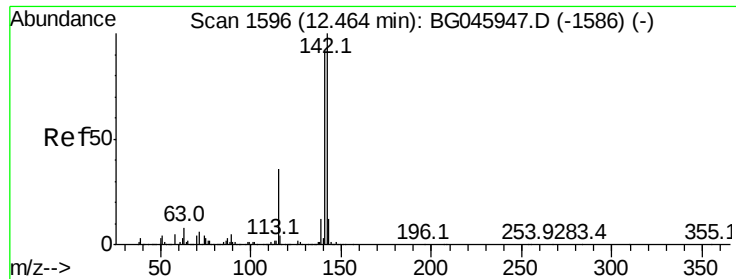


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





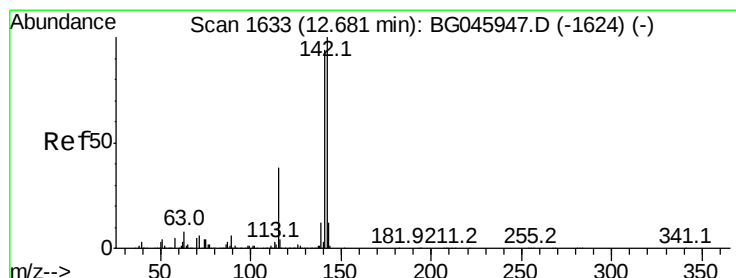
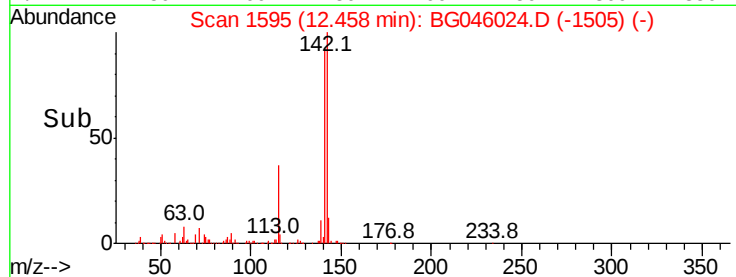
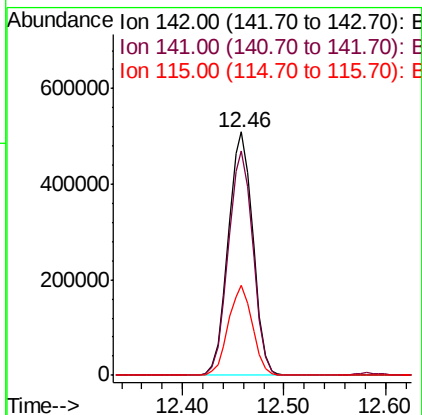
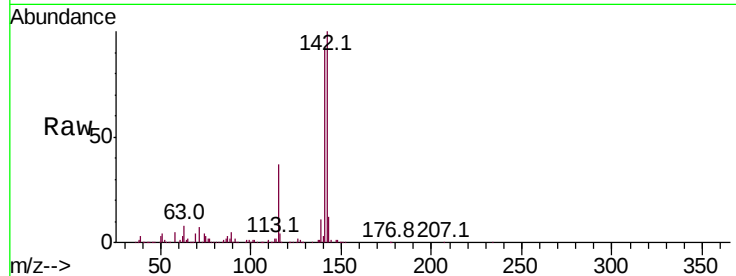
#37
2-Methylnaphthalene
Concen: 39.745 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	856267		
141	92.0	73.0	109.6	
115	36.9	28.8	43.2	

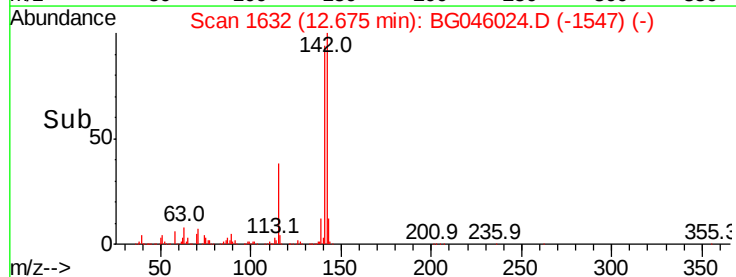
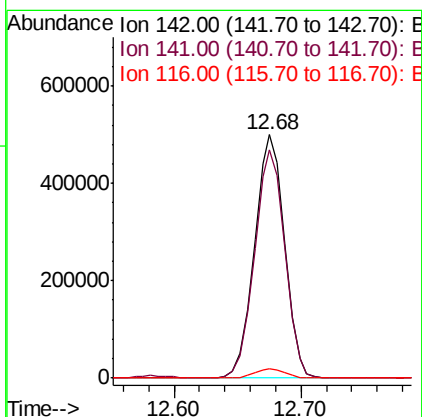
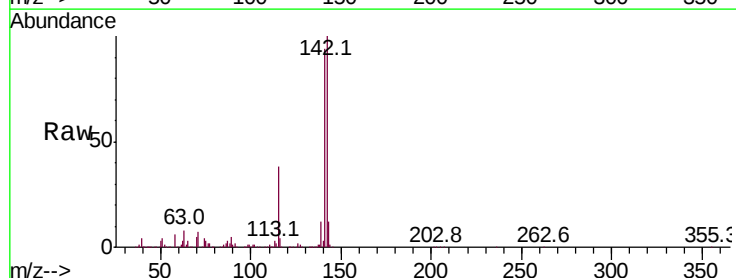
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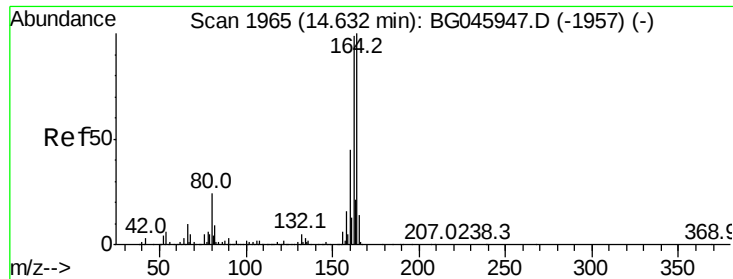
mohammad
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#38
1-Methylnaphthalene
Concen: 40.396 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	821333		
141	93.5	75.2	112.8	
116	3.8	3.1	4.7	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

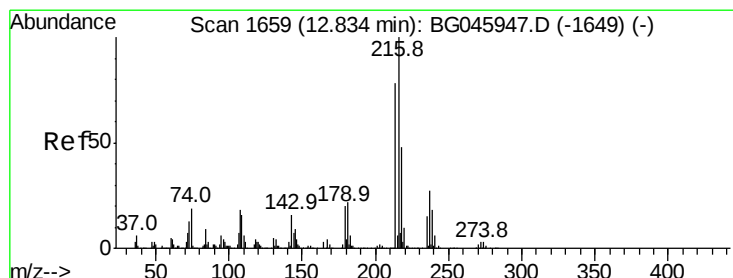
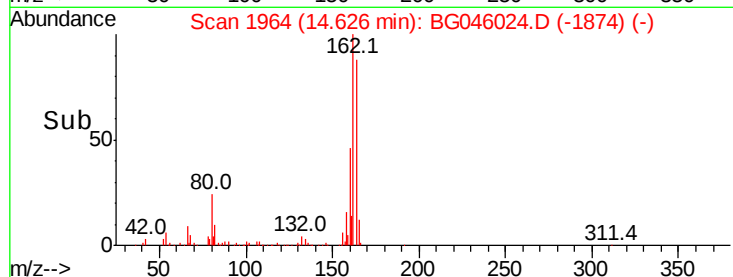
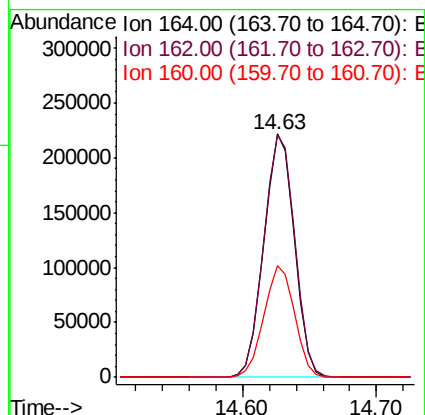
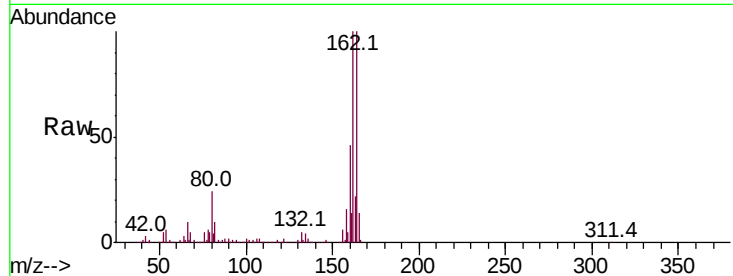
ClientSampleId :

PB130129BSD

Tot Ion:	164	Resp:	350190
Ion Ratio	Lower	Upper	
164	100		
162	99.7	79.3	118.9
160	45.8	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.840 ng

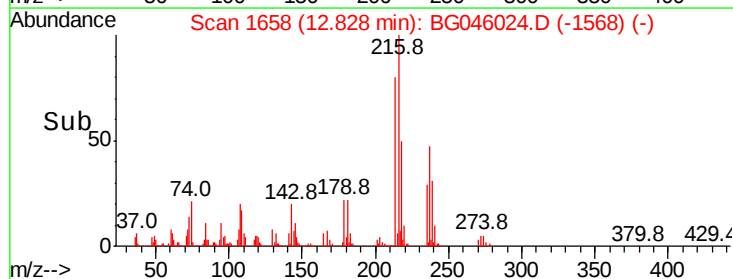
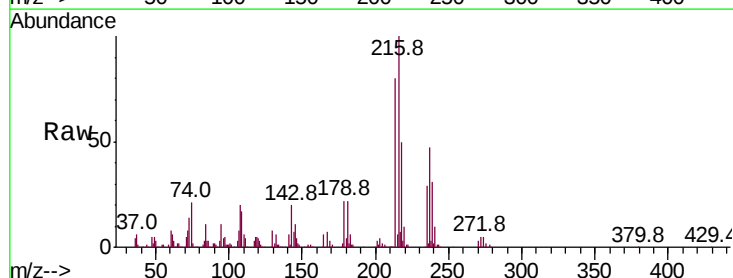
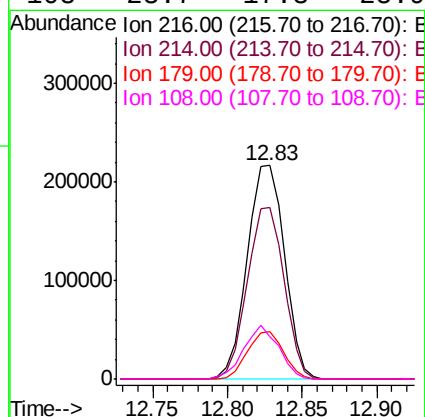
RT: 12.83 min Scan# 1658

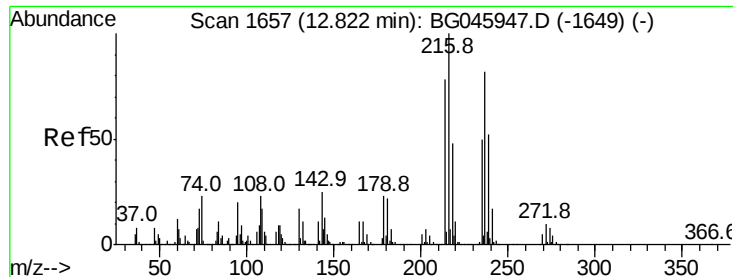
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	216	Resp:	373542
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.0	94.4
179	21.6	17.0	25.6
108	23.7	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 62.576 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

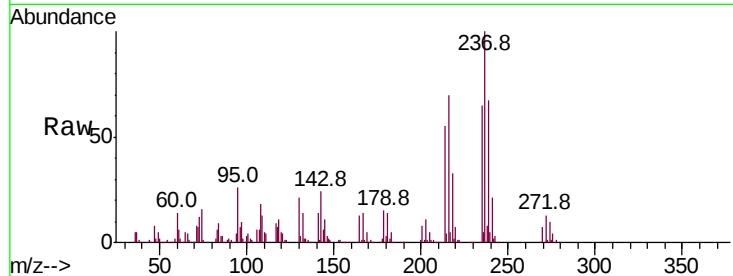
ClientSampleId :

PB130129BSD

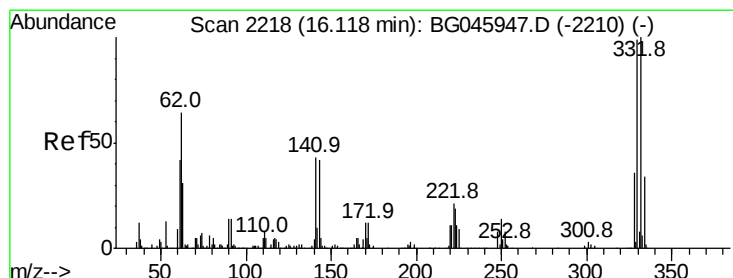
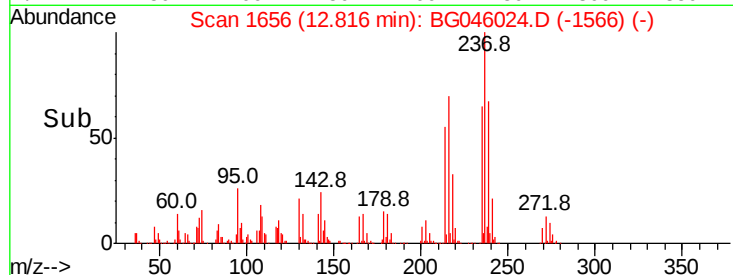
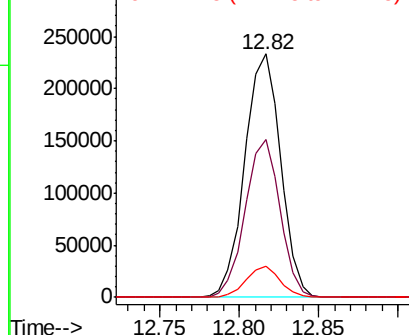
Tot Ion:	237	Resp:	366536
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.5	81.5
272	12.6	0.0	31.7

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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: 85.189 ng

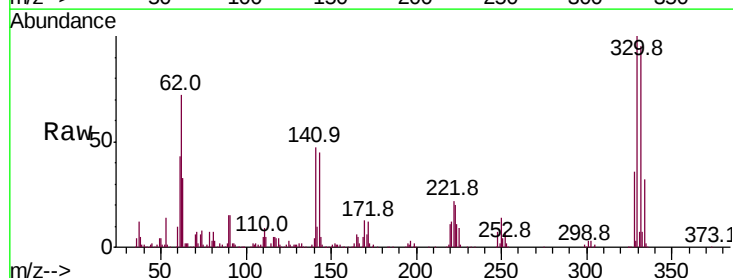
RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

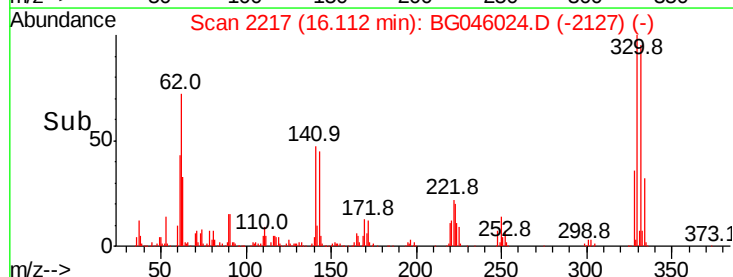
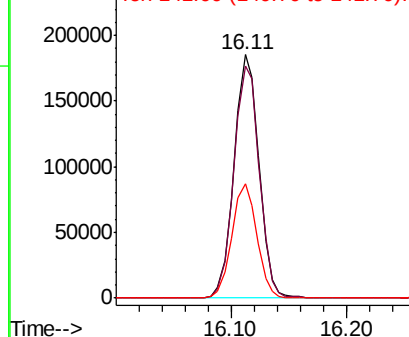
Lab File: BG046024.D

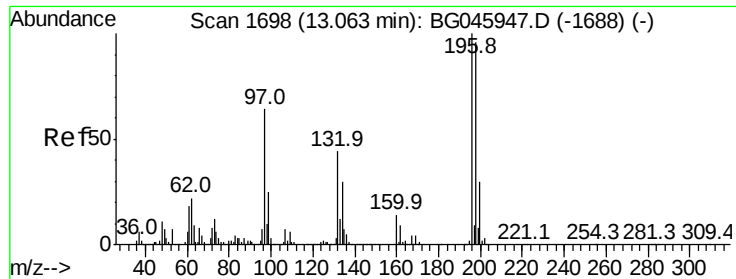
Acq: 13 Jul 2020 15:55

Tgt Ion:	330	Resp:	276875
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.3	117.5
141	47.0	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





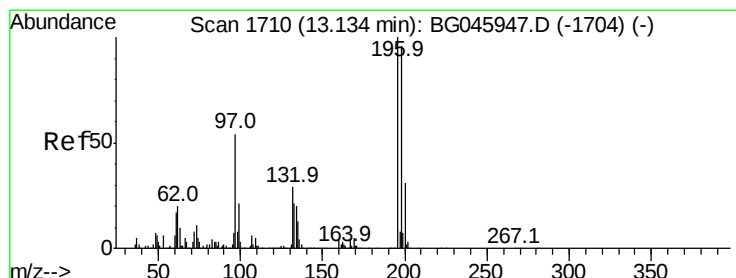
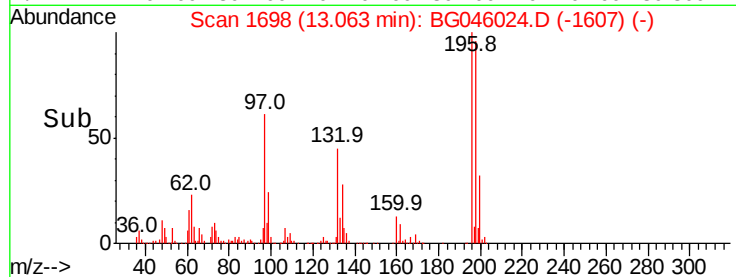
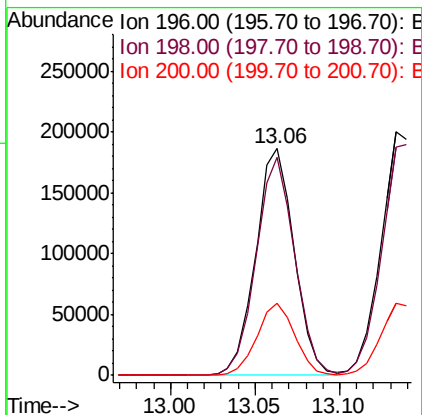
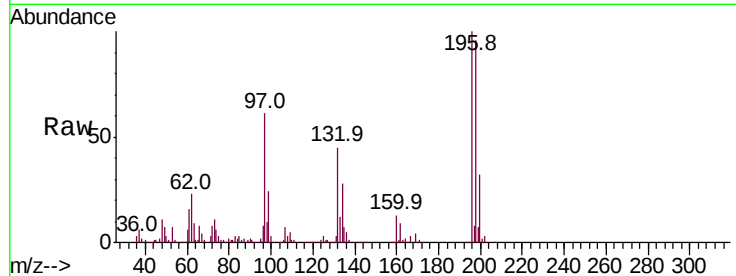
#43
2,4,6-Trichlorophenol
Concen: 43.956 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293454		
198	96.1	76.7	115.1	
200	31.7	24.3	36.5	

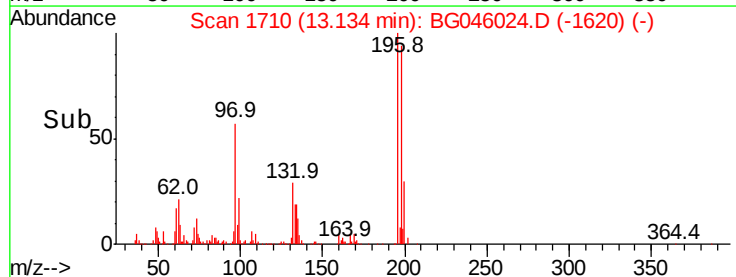
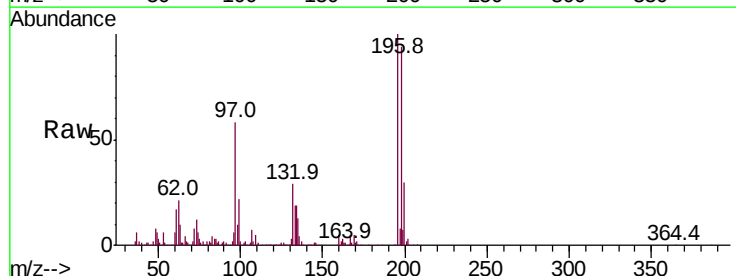
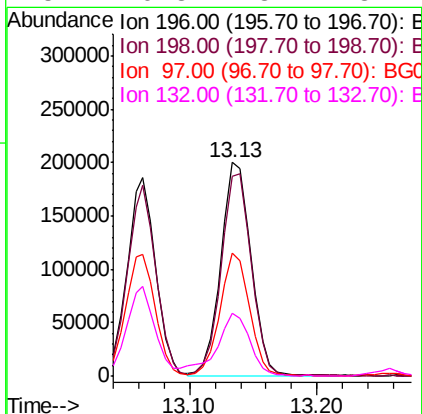
Manual Integrations
APPROVED

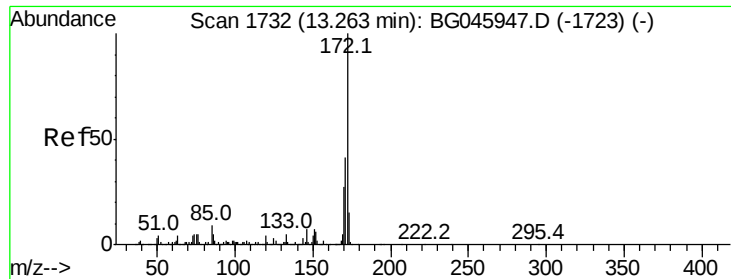
mohammad
7/14/2020 12:01:35 PM



#44
2,4,5-Trichlorophenol
Concen: 43.798 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330611		
198	93.6	77.0	115.6	
97	57.6	44.3	66.5	
132	29.3	23.1	34.7	





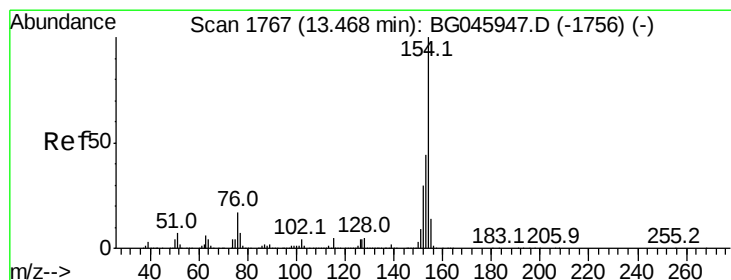
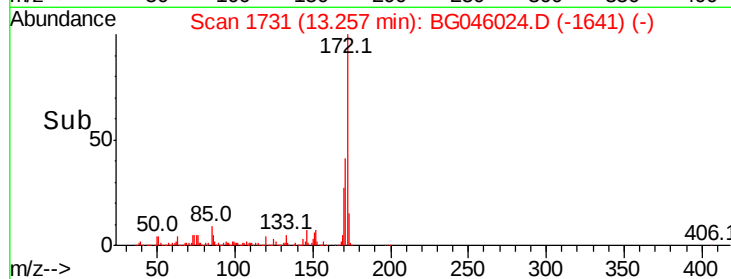
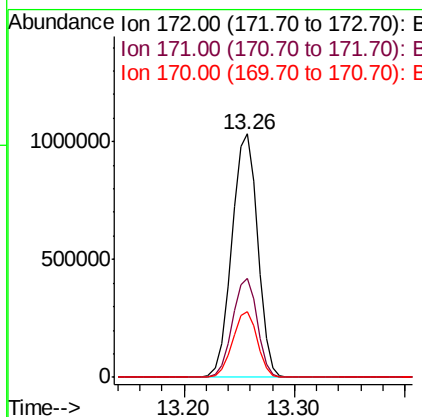
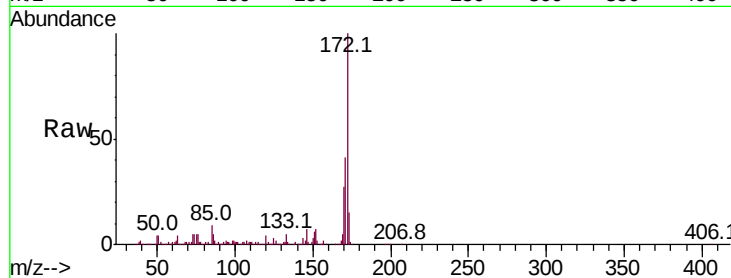
#45
2-Fluorobiphenyl
Concen: 75.397 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.7	32.9	49.3
170	27.0	21.8	32.6

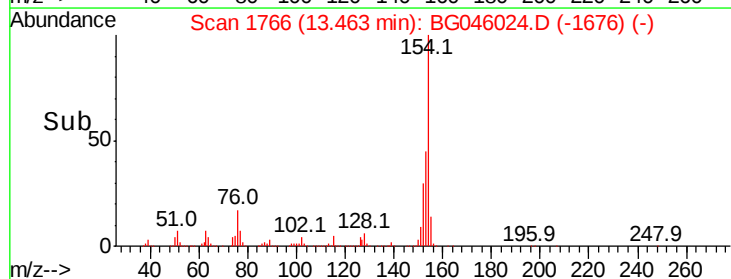
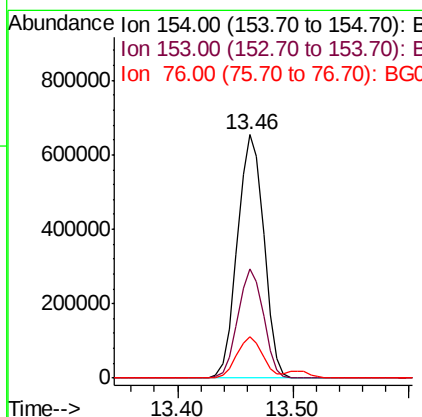
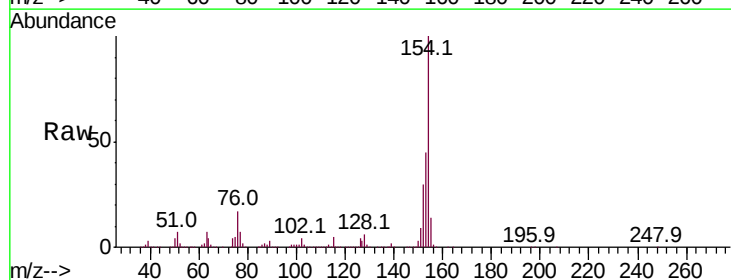
Manual Integrations
APPROVED

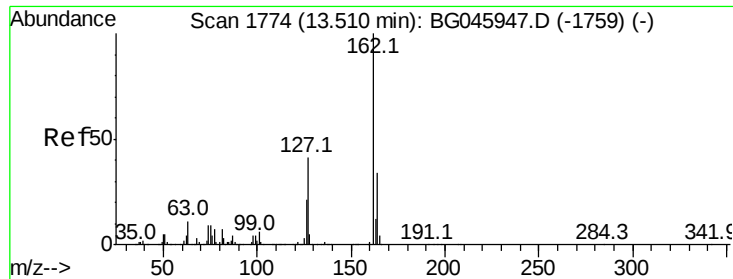
mohammad
7/14/2020 12:01:35 PM



#46
1,1'-Biphenyl
Concen: 39.268 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.1	23.6	63.6
76	17.1	0.0	36.9





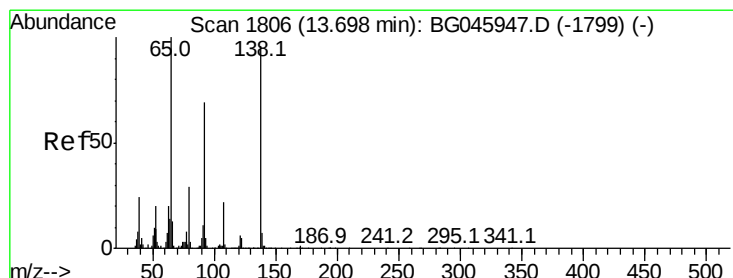
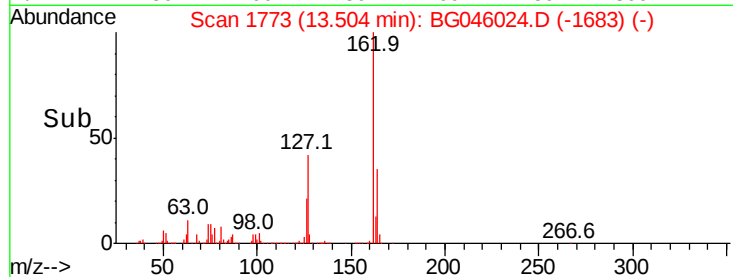
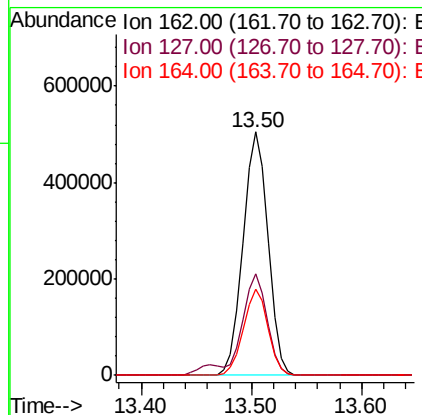
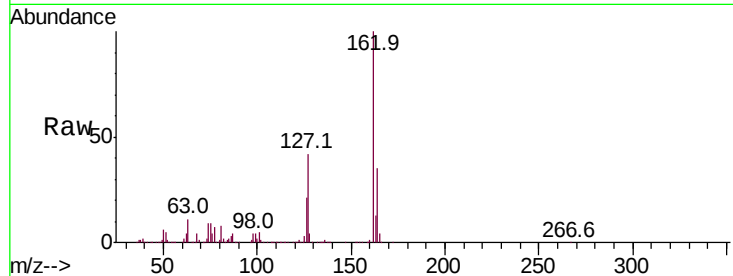
#47
2-Chloronaphthalene
Concen: 38.587 ng
RT: 13.50 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	802040		
127	41.6		32.5	48.7
164	35.4		27.2	40.8

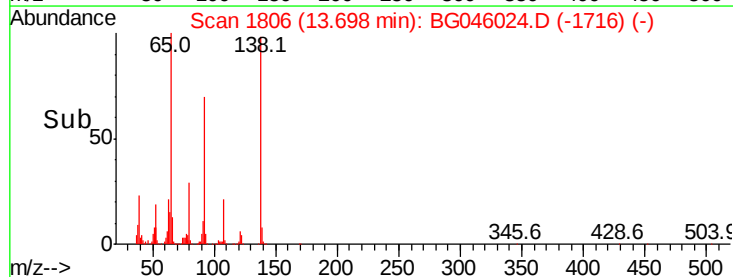
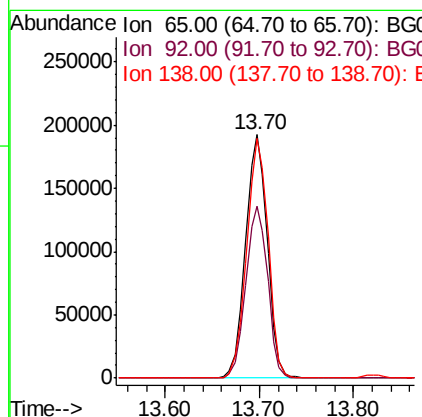
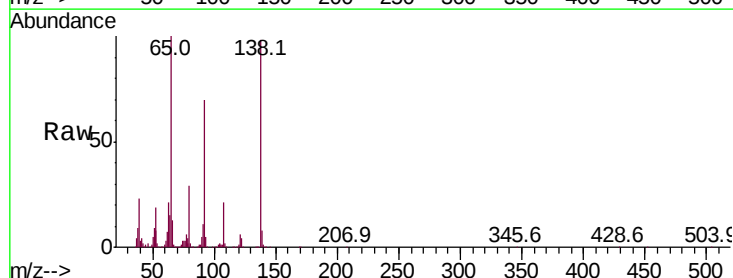
Manual Integrations
APPROVED

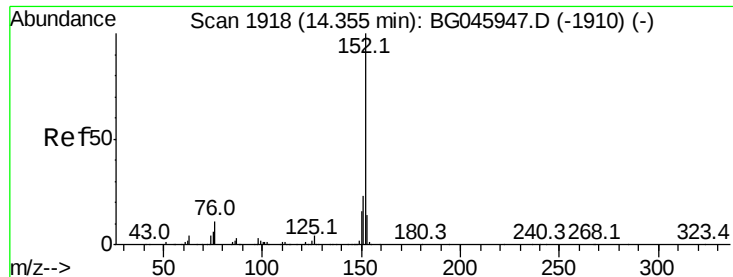
mohammad
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#48
2-Nitroaniline
Concen: 52.250 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	306329		
92	70.4		55.4	83.0
138	98.4		77.0	115.4





#49

Acenaphthylene

Concen: 39.136 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:152 Resp: 1312439

Ion Ratio Lower Upper

152 100

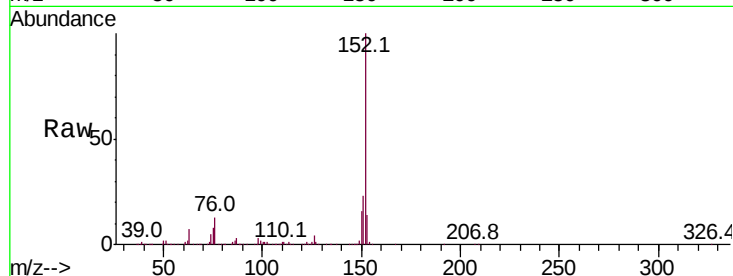
151 23.1 18.1 27.1

153 13.8 11.5 17.3

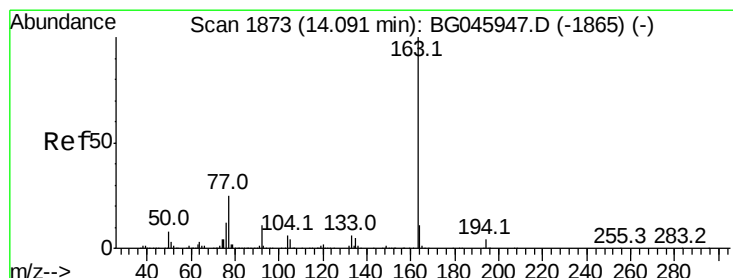
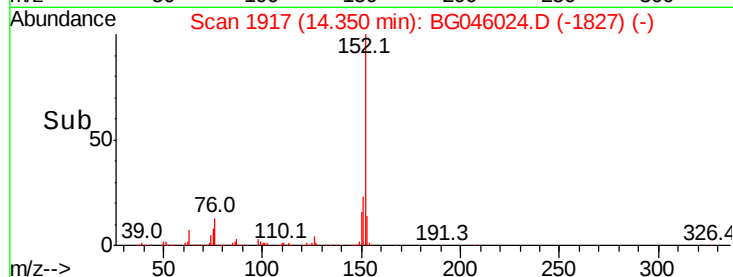
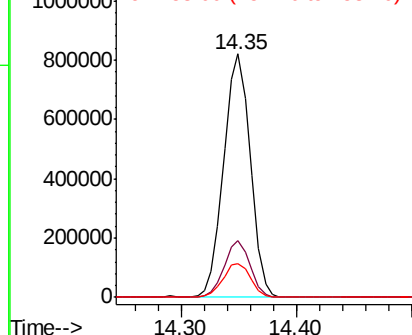
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.314 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

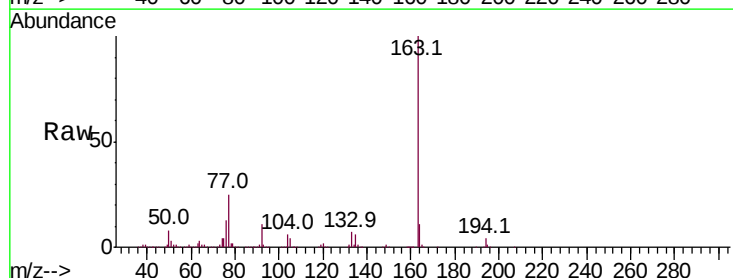
Tgt Ion:163 Resp: 1033197

Ion Ratio Lower Upper

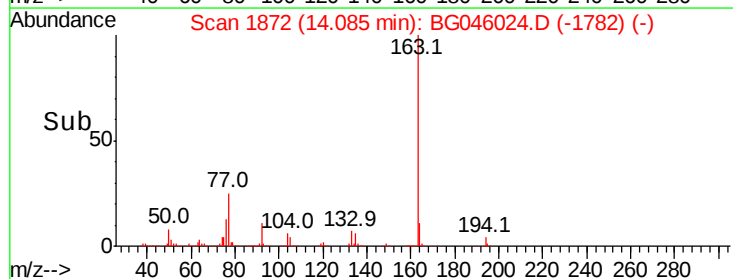
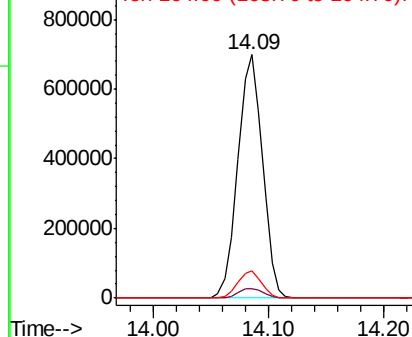
163 100

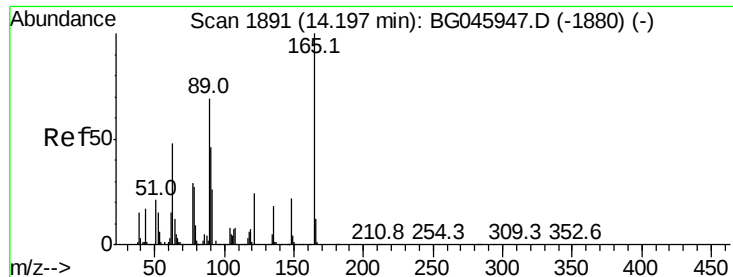
194 4.1 3.6 5.4

164 11.3 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





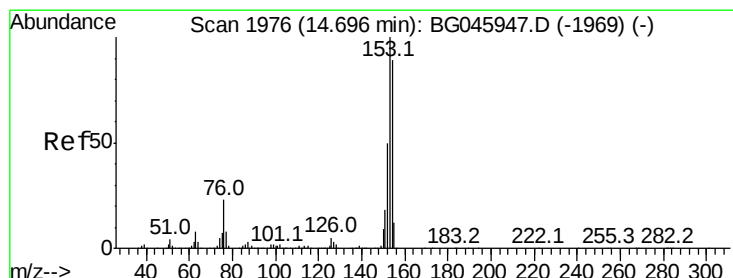
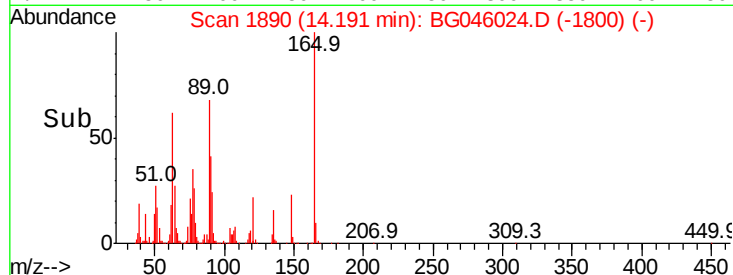
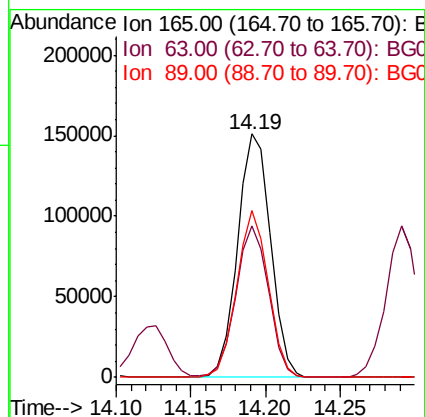
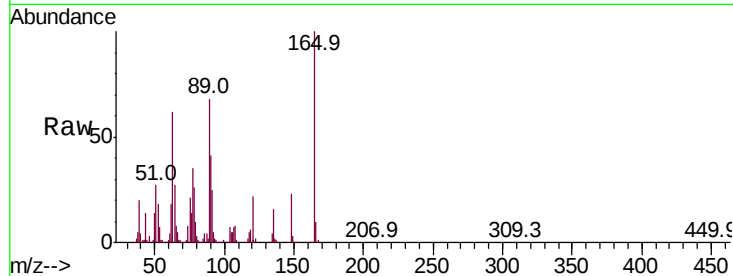
#51
2,6-Dinitrotoluene
Concen: 49.099 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	51.0	76.4
89	68.3	55.7	83.5

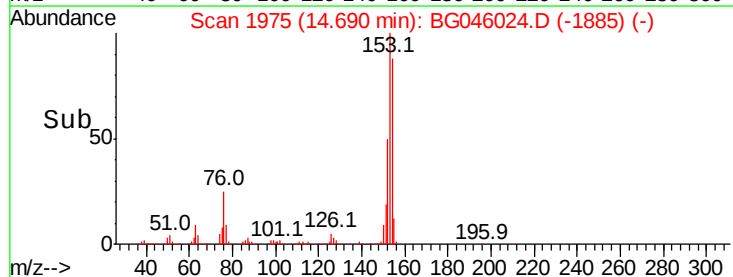
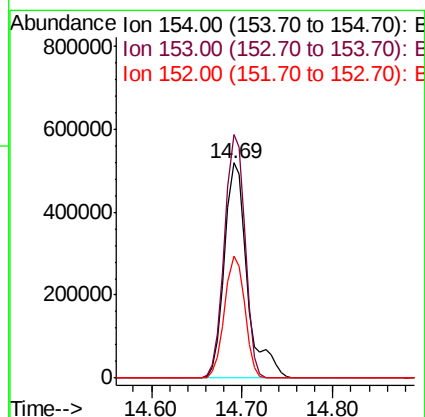
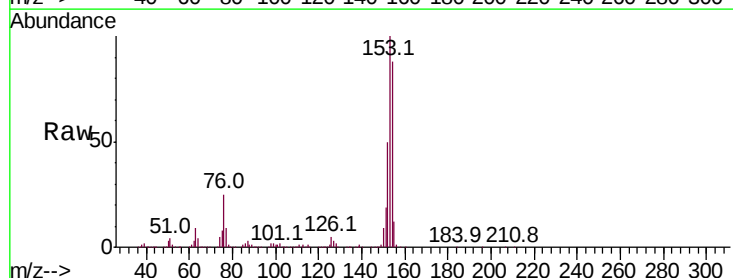
Manual Integrations
APPROVED

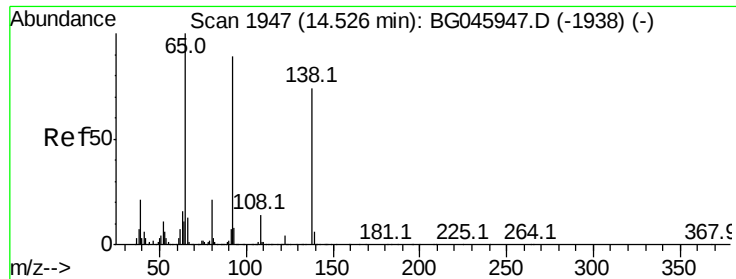
mohammad
7/14/2020 12:01:35 PM



#52
Acenaphthene
Concen: 42.762 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.7	134.5
152	56.9	44.7	67.1





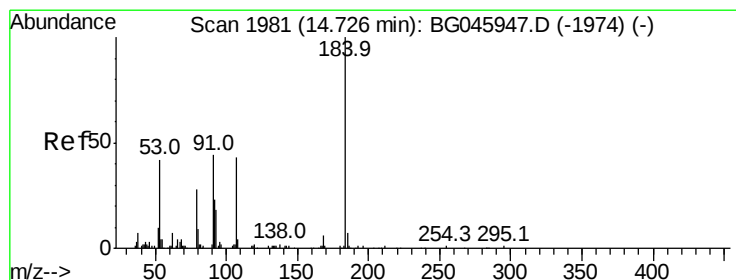
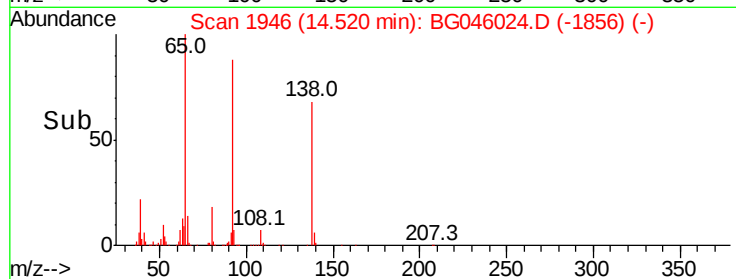
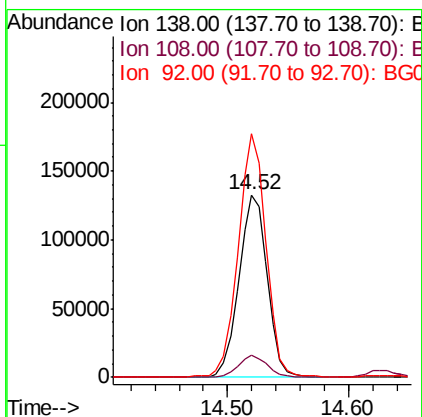
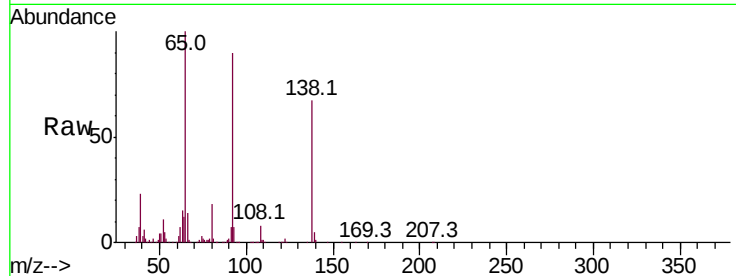
#53
 3-Nitroaniline
 Concen: 38.249 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.8	15.4	23.2#	
92	133.5	95.9	143.9	

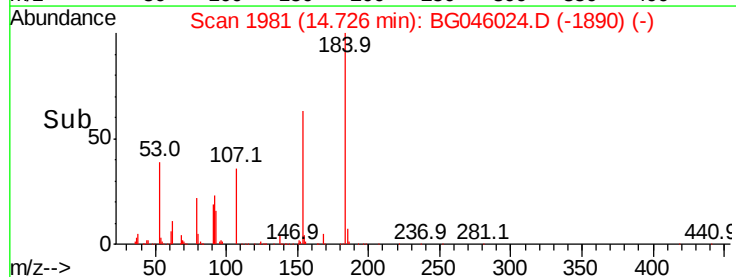
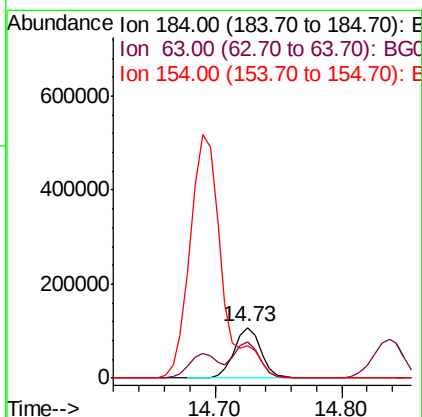
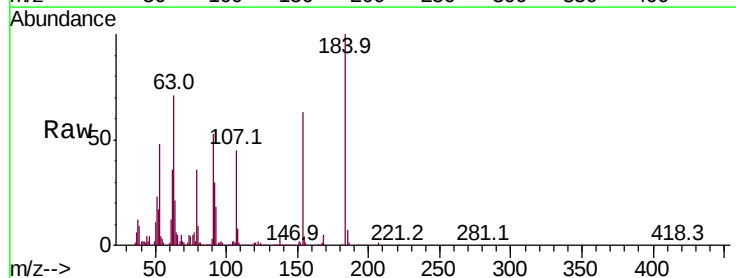
Manual Integrations
 APPROVED

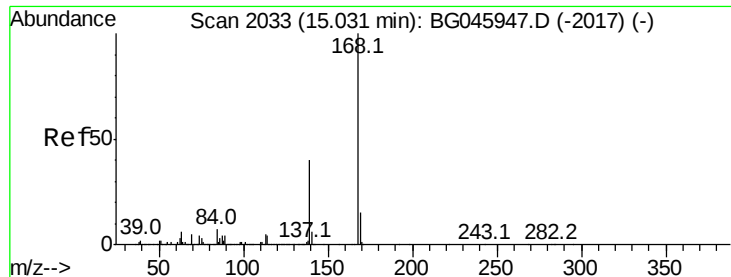
mohammad
 7/14/2020 12:01:35 PM



#54
 2,4-Dinitrophenol
 Concen: 89.561 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.5	46.0	69.0#	
154	63.1	58.2	87.2	





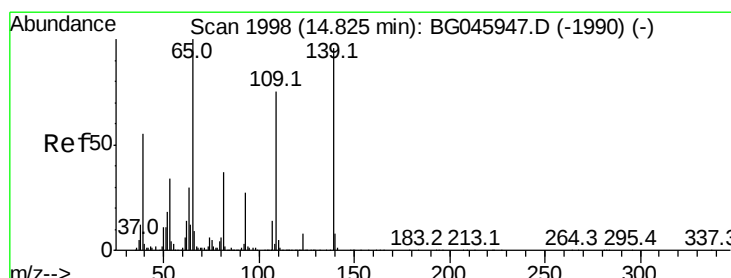
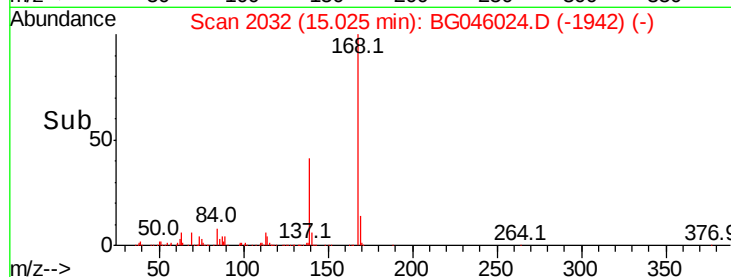
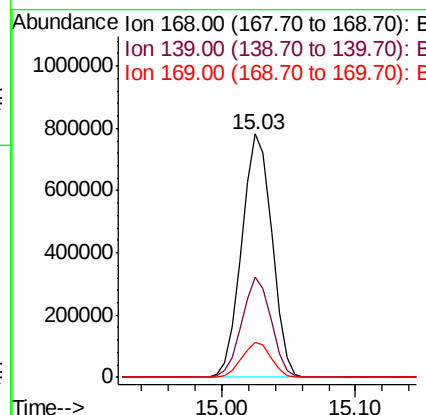
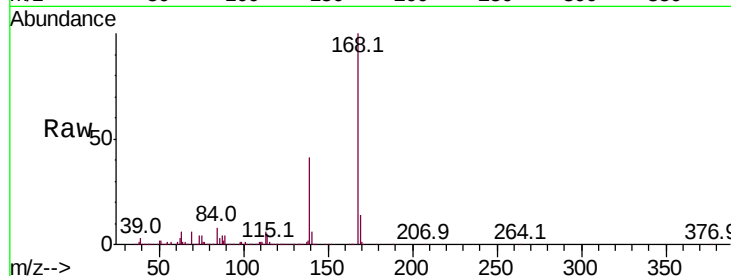
#55
Dibenzofuran
Concen: 39.470 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.2	48.2
169	14.5	11.8	17.8

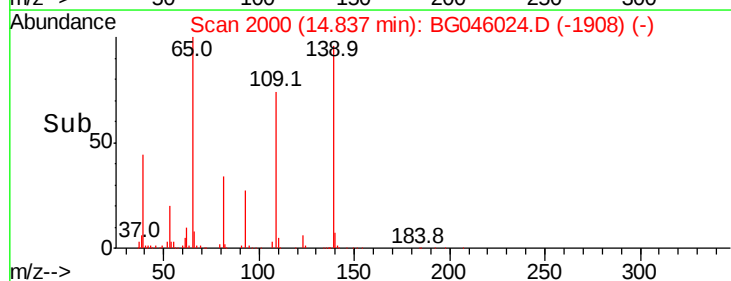
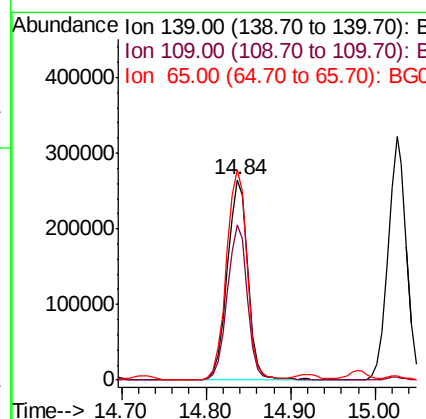
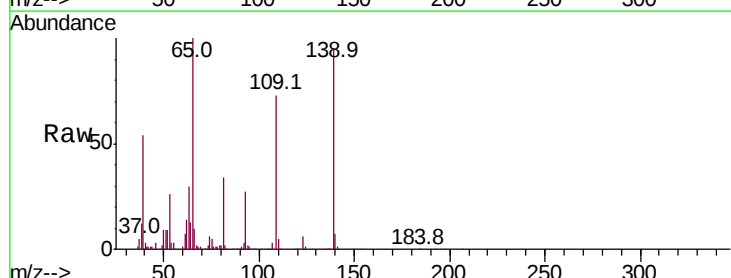
Manual Integrations
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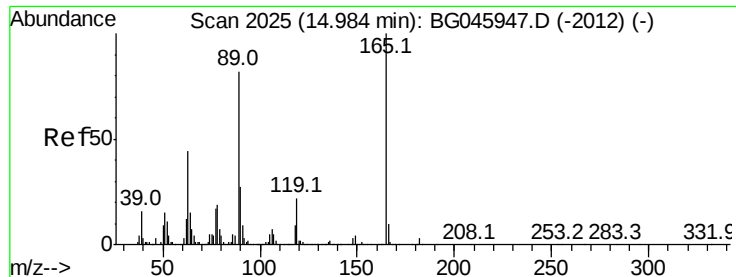
mohammad
7/14/2020 12:01:35 PM



#56
4-Nitrophenol
Concen: 104.063 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	58.5	98.5
65	105.1	84.7	124.7





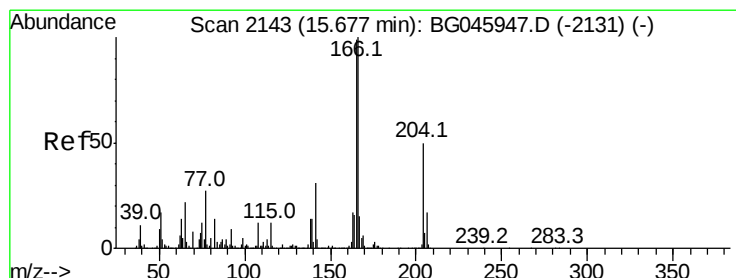
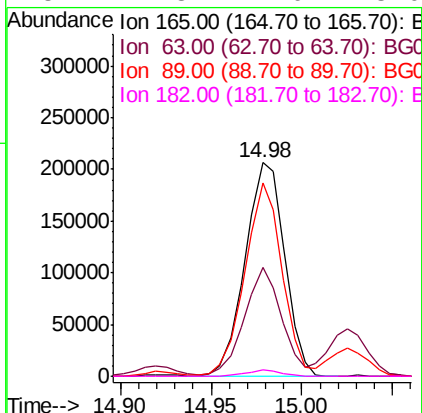
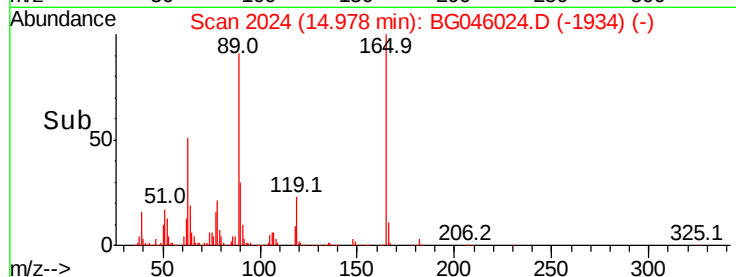
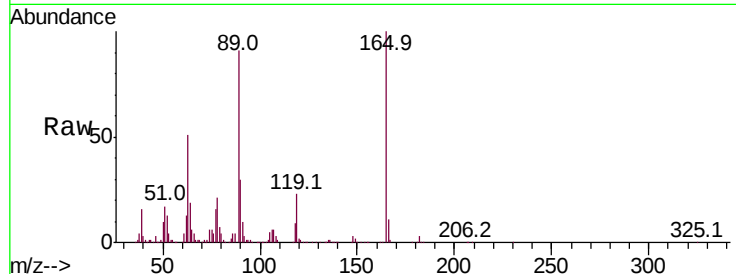
#57
2,4-Dinitrotoluene
Concen: 51.282 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	311133		
63	51.2	35.4	53.0	
89	90.8	65.4	98.2	
182	2.8	2.0	3.0	

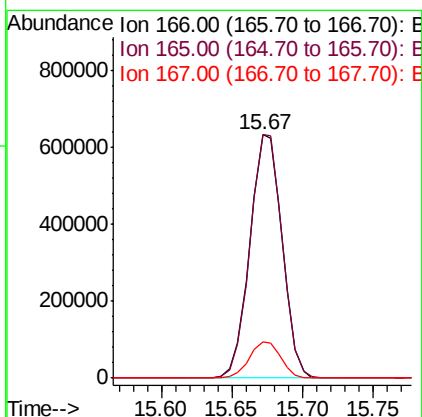
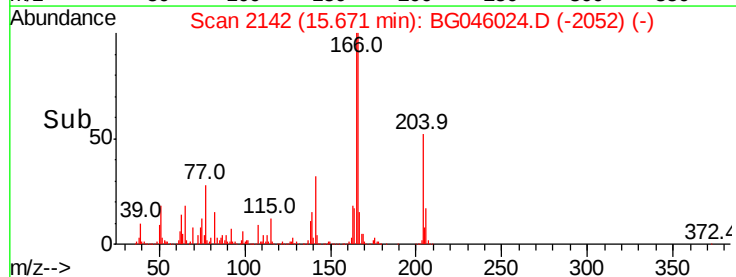
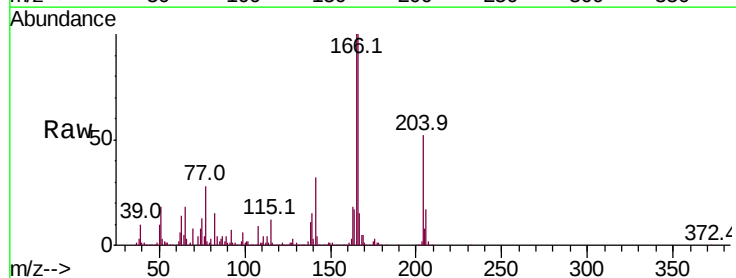
Manual Integrations
APPROVED

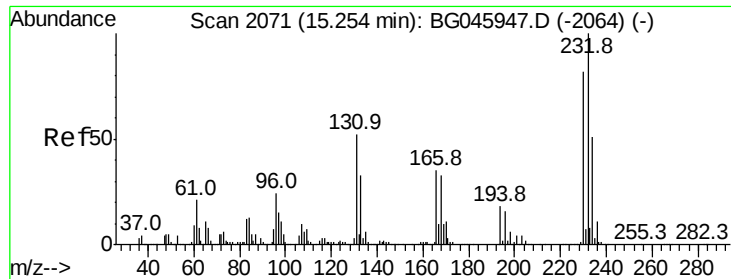
mohammad
7/14/2020 12:01:35 PM



#58
Fluorene
Concen: 39.956 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1016347		
165	100.1	78.9	118.3	
167	14.9	12.1	18.1	





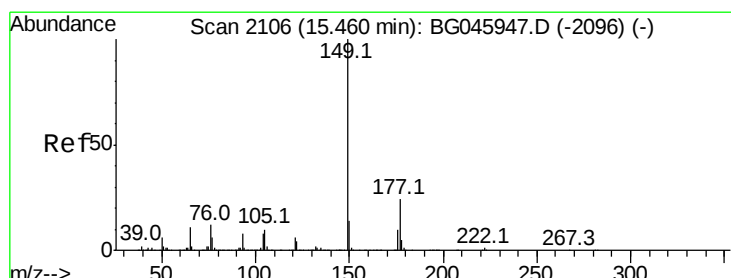
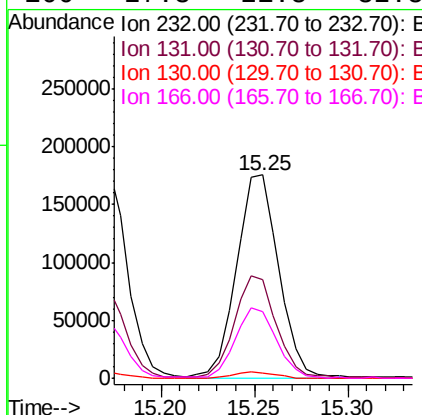
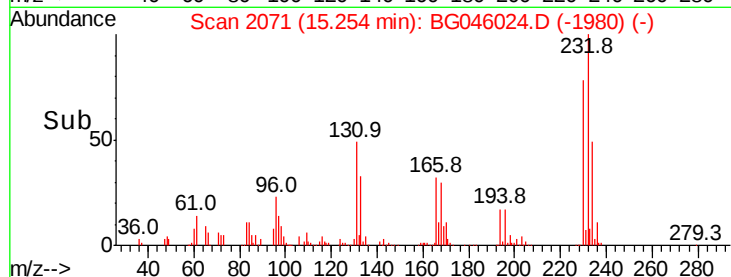
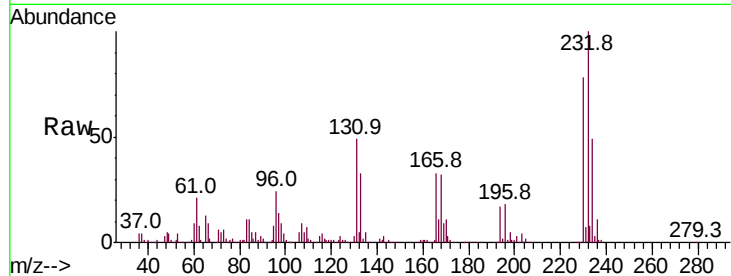
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.703 ng m
 RT: 15.25 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	278014		
131	43.2		35.8	53.6
130	2.7		2.5	3.7
166	27.3		21.8	32.8

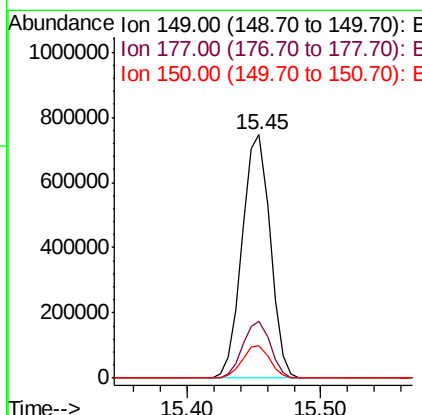
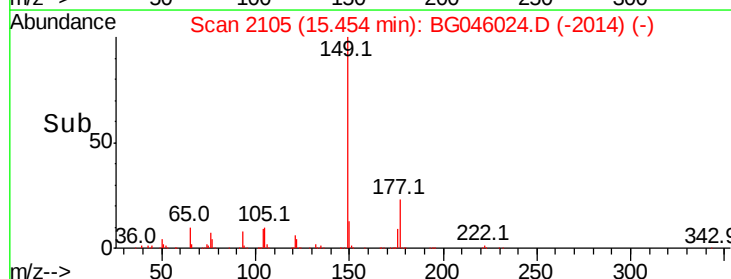
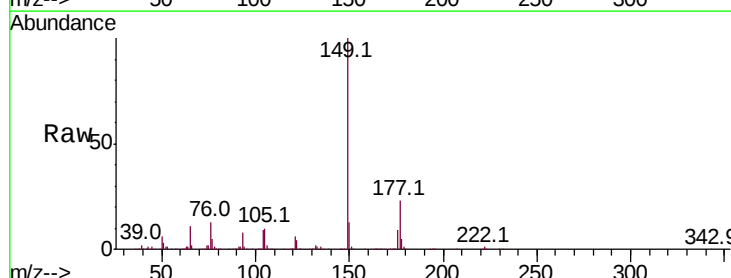
Manual Integrations
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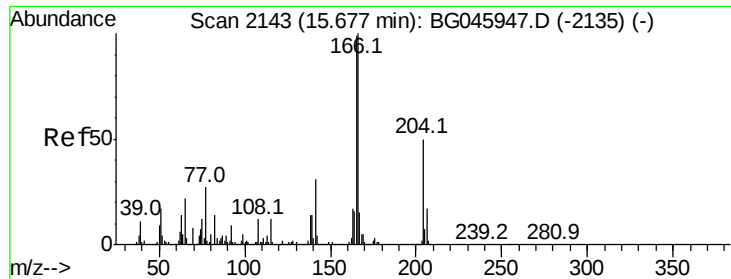
mohammad
 7/14/2020 12:01:35 PM



#60
 Diethylphthalate
 Concen: 39.210 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1080687		
177	23.5		19.0	28.4
150	13.2		11.0	16.4





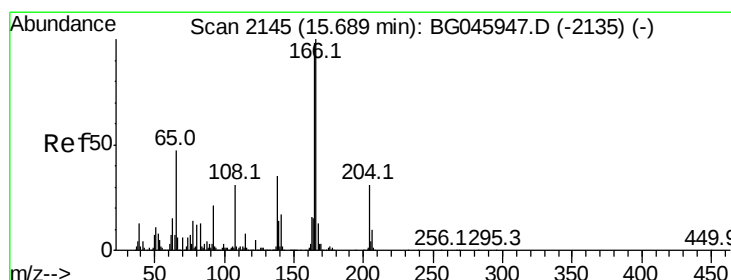
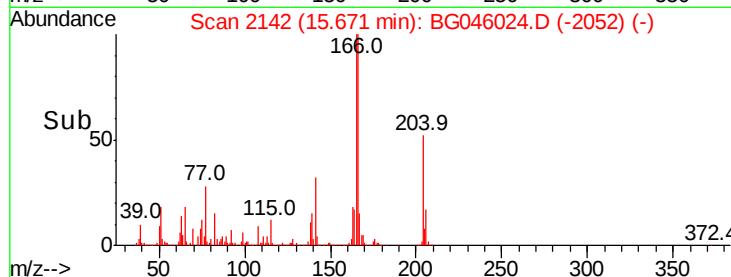
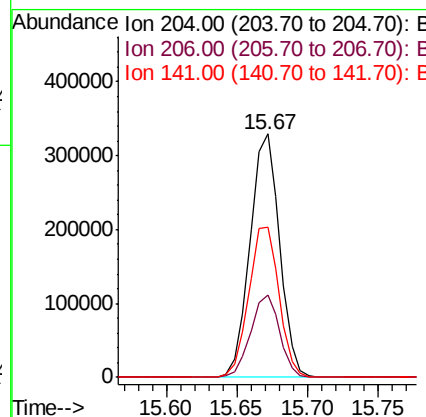
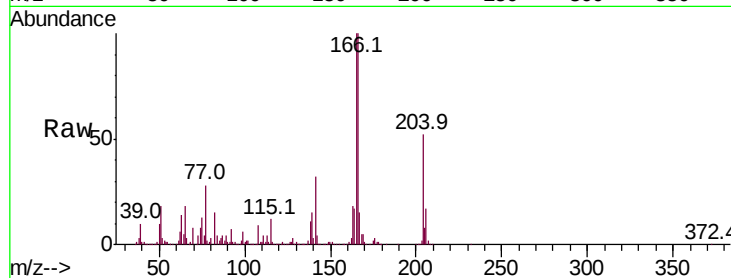
#61
4-Chlorophenyl-phenylether
Concen: 38.187 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	61.8	49.8	74.8

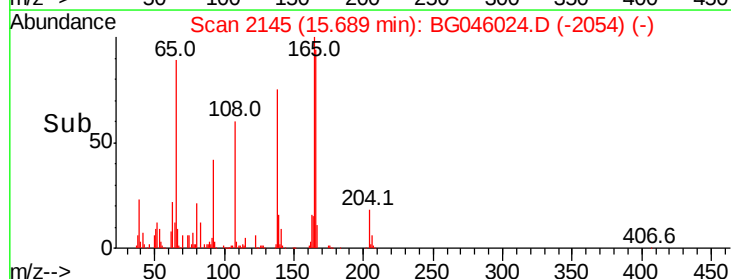
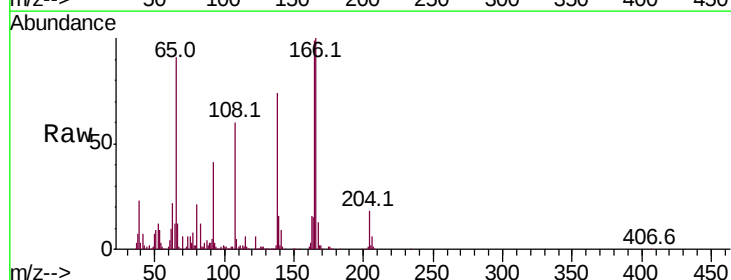
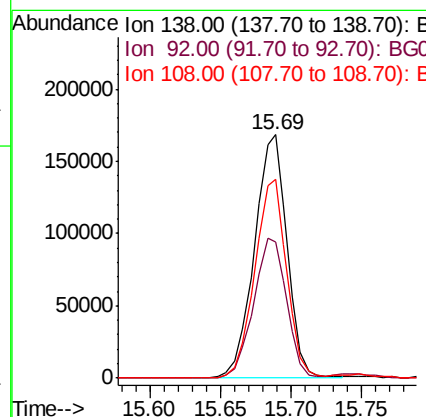
Manual Integrations
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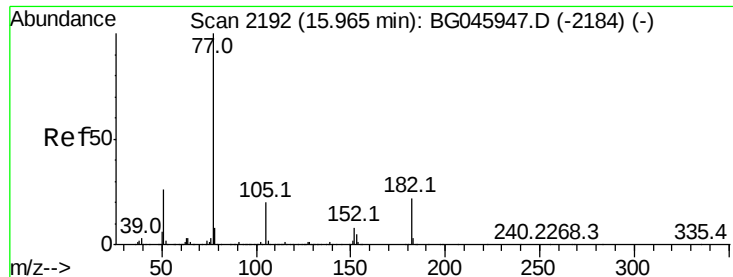
mohammad
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#62
4-Nitroaniline
Concen: 50.379 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	40.3	80.3
108	81.6	68.0	108.0





#63

Azobenzene

Concen: 41.344 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion: 77 Resp: 1223022

Ion Ratio Lower Upper

77 100

182 22.2 2.4 42.4

105 20.2 0.3 40.3

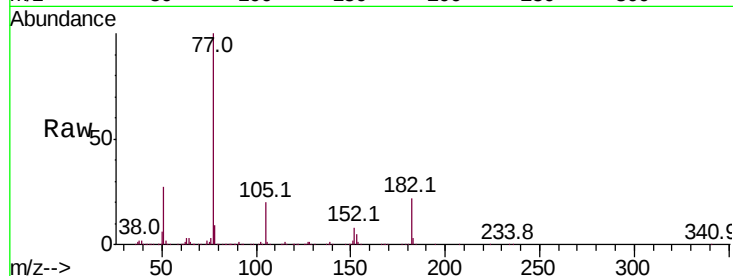
51 26.5 6.3 46.3

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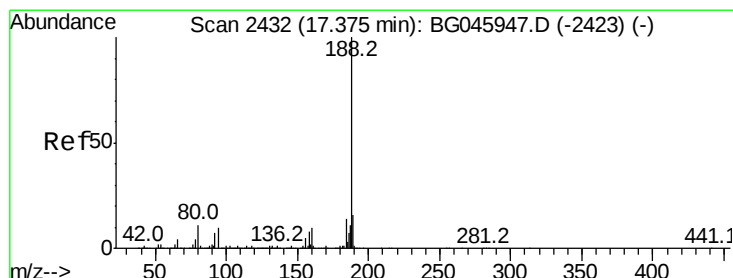
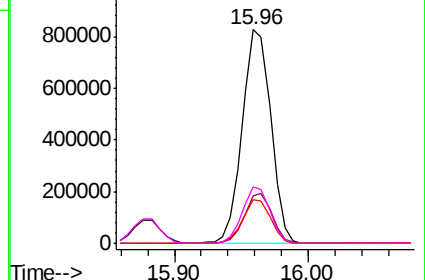
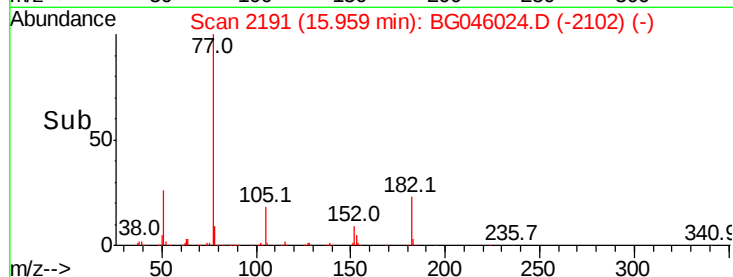


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

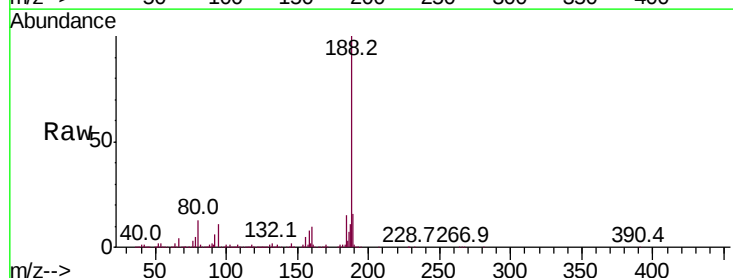
Tgt Ion: 188 Resp: 759374

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.4

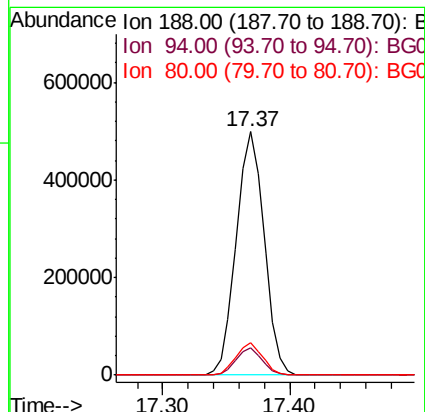
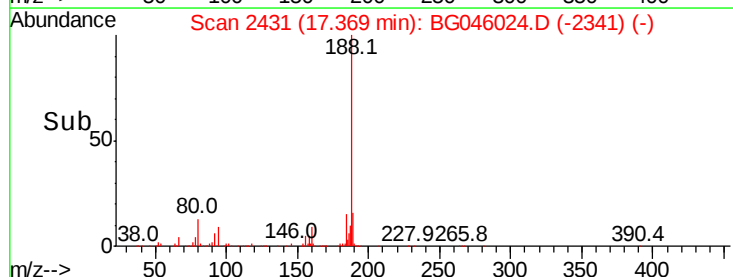
80 13.2 9.0 13.6

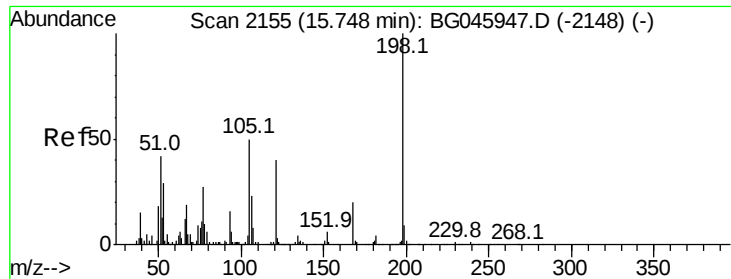


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





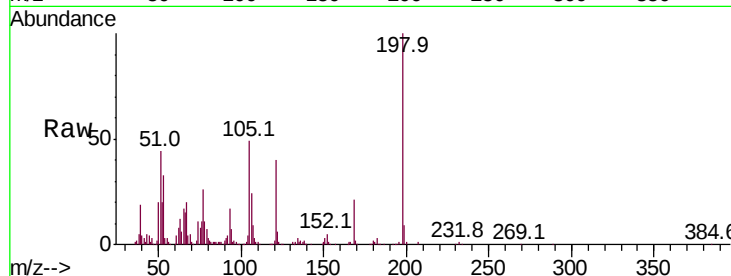
#65
4,6-Dinitro-2-methylphenol
Concen: 48.595 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.5	24.5	64.5	
105	48.6	30.9	70.9	

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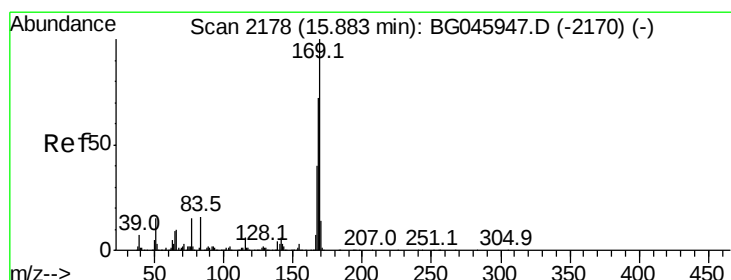
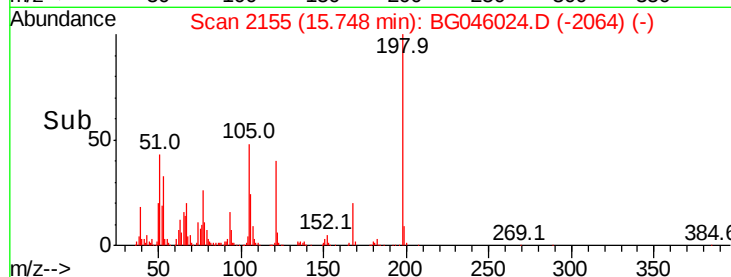
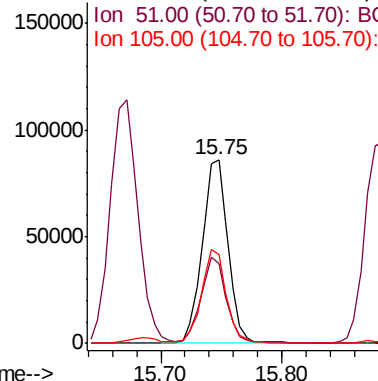


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 39.305 ng
RT: 15.88 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

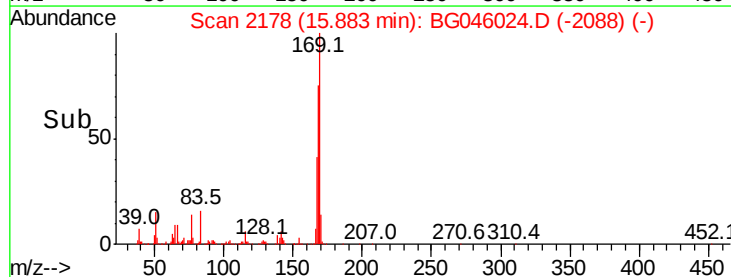
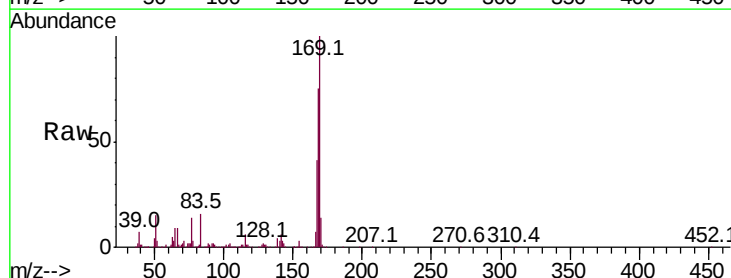
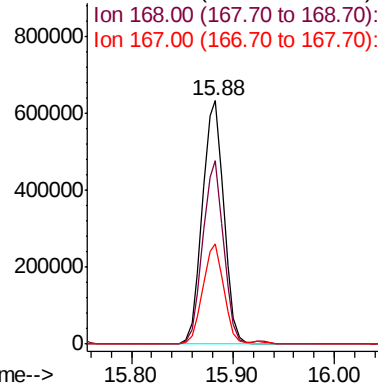
Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	75.5	57.3	85.9	
167	41.2	32.1	48.1	

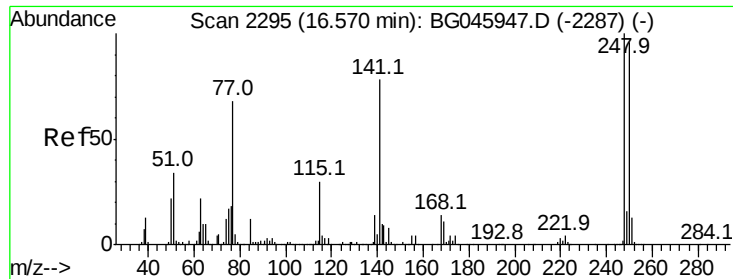
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





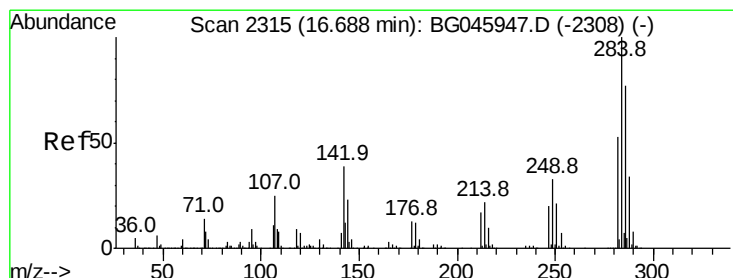
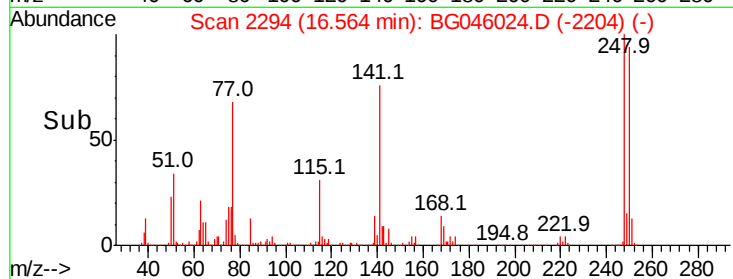
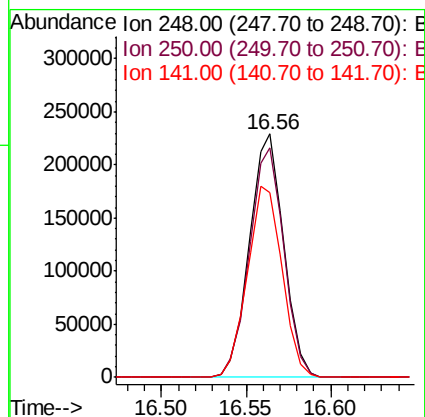
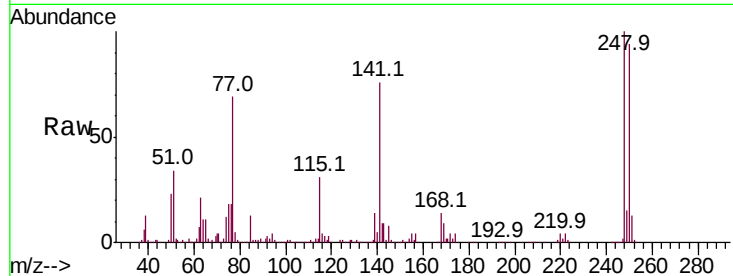
#67
4-Bromophenyl-phenylether
Concen: 37.827 ng
RT: 16.56 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.6	114.8
141	75.7	62.7	94.1

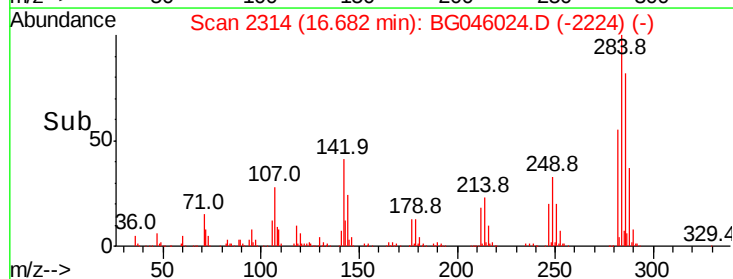
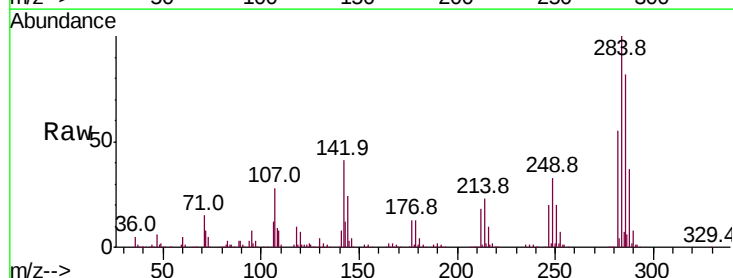
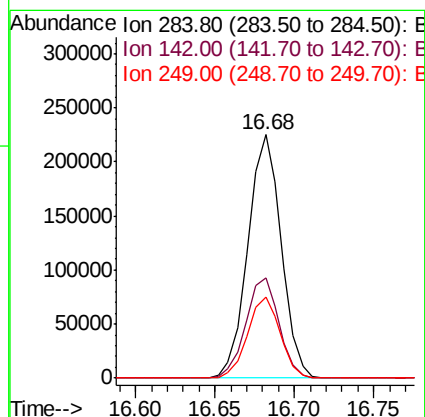
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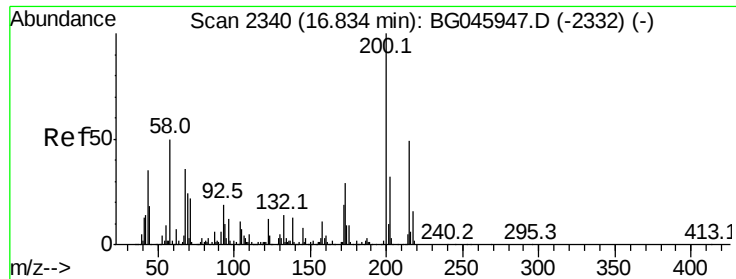
mohammad
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#68
Hexachlorobenzene
Concen: 38.524 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.3	31.3	46.9
249	33.5	26.8	40.2





#69

Atrazine

Concen: 42.666 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

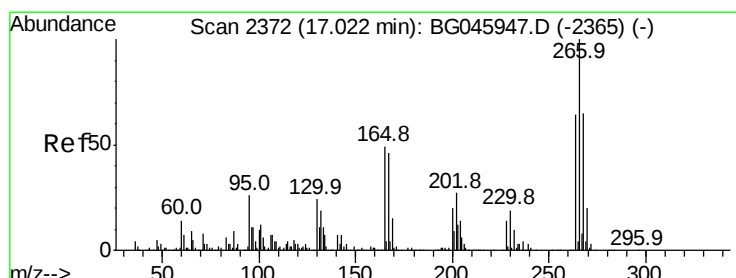
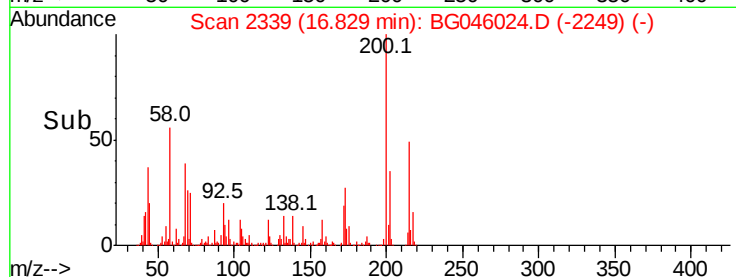
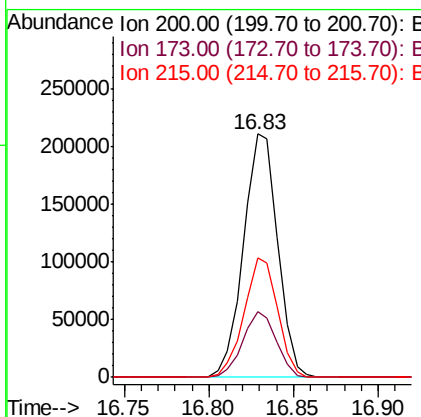
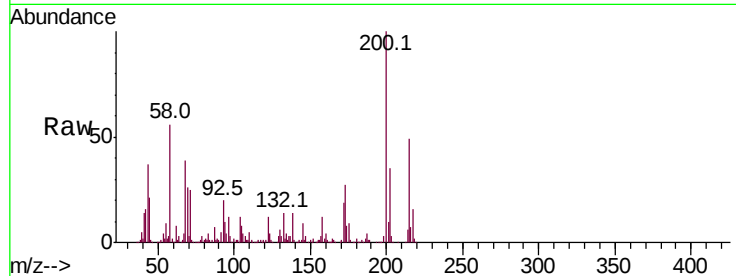
ClientSampleId :

PB130129BSD

Tot Ion:	200	Resp:	296845
Ion Ratio	Lower	Upper	
200	100		
173	27.2	9.1	49.1
215	48.8	28.8	68.8

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#70

Pentachlorophenol

Concen: 85.468 ng

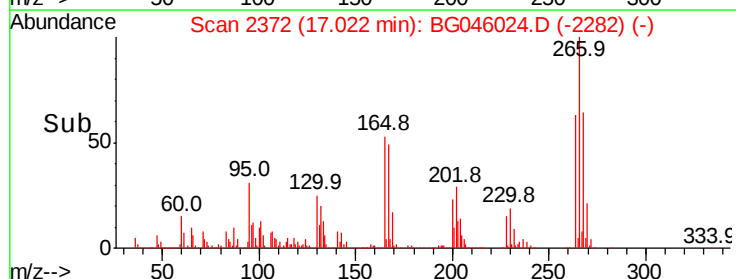
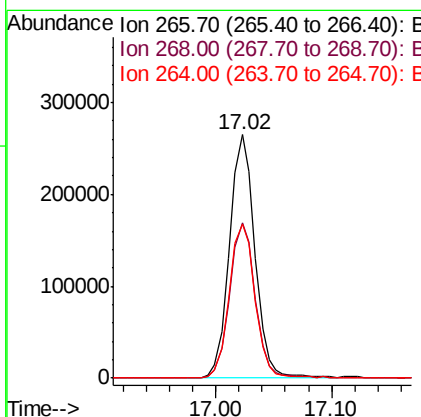
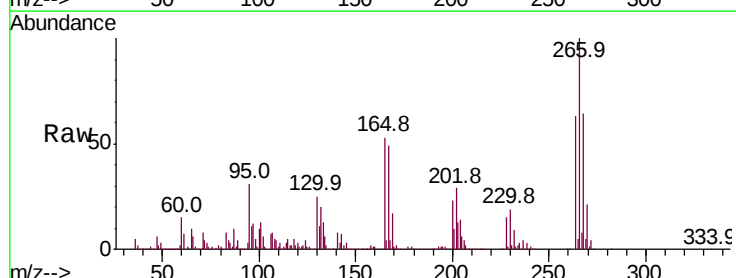
RT: 17.02 min Scan# 2372

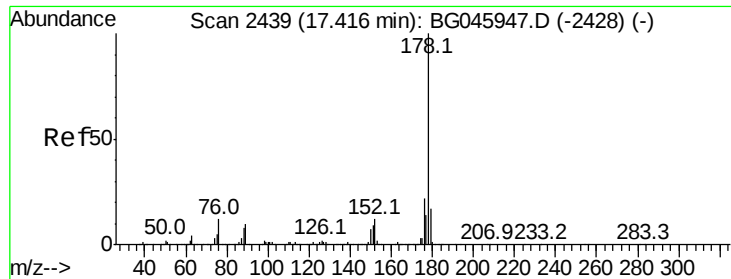
Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion:	266	Resp:	404420
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.8	77.8
264	63.1	51.4	77.0





#71

Phenanthrene

Concen: 39.376 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:178 Resp: 1580795

Ion Ratio Lower Upper

178 100

176 23.1 17.4 26.2

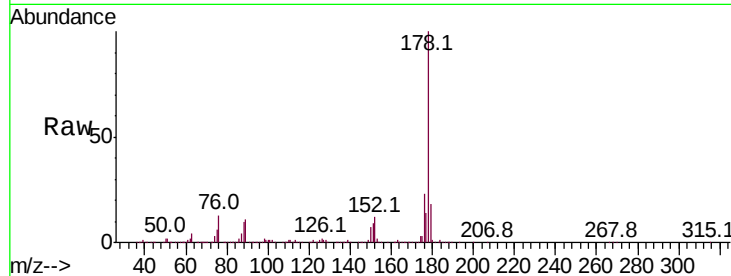
179 18.1 13.4 20.2

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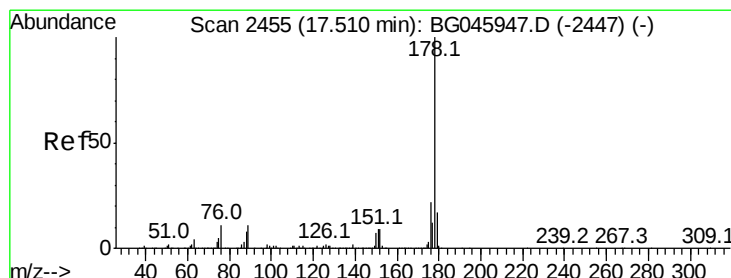
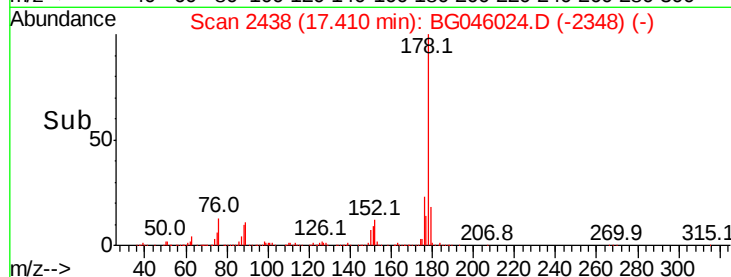
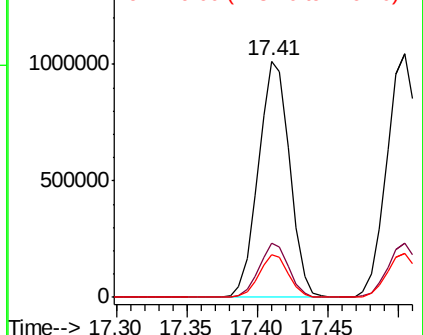
7/14/2020 12:01:35 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.979 ng

RT: 17.50 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

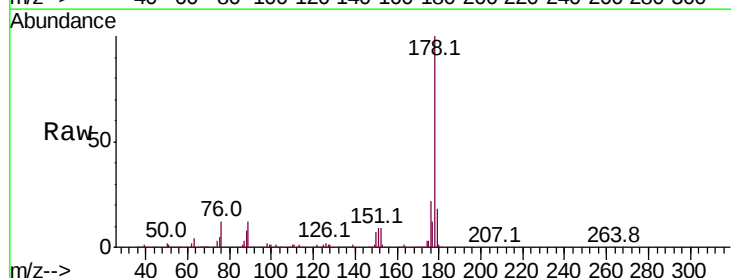
Tgt Ion:178 Resp: 1628825

Ion Ratio Lower Upper

178 100

176 22.2 17.2 25.8

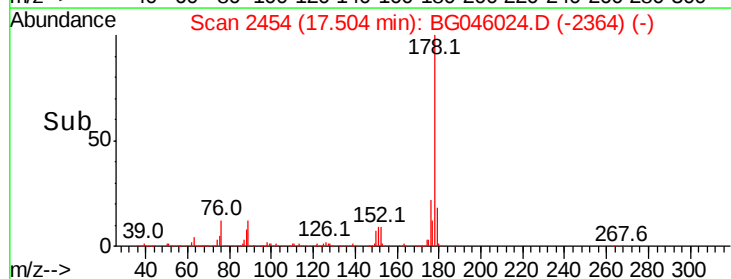
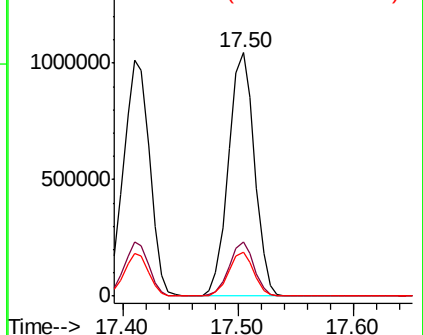
179 17.9 14.0 21.0

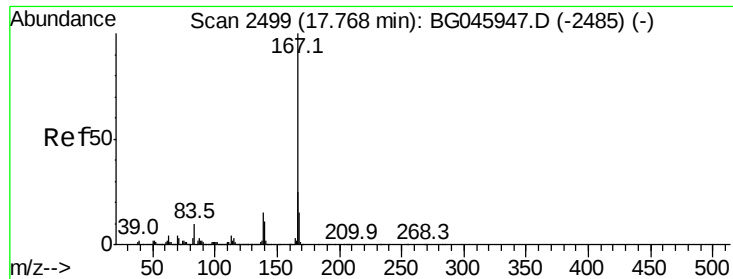


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.186 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:167 Resp: 1559415

Ion Ratio Lower Upper

167 100

166 25.5 20.4 30.6

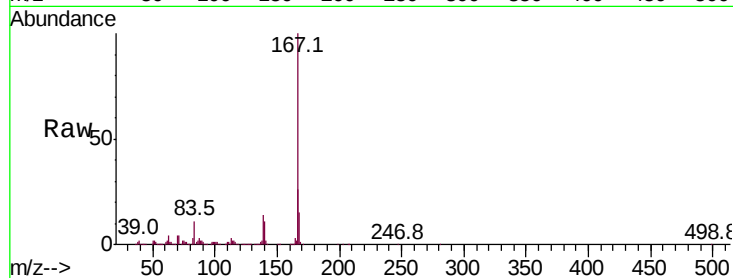
139 14.4 11.8 17.8

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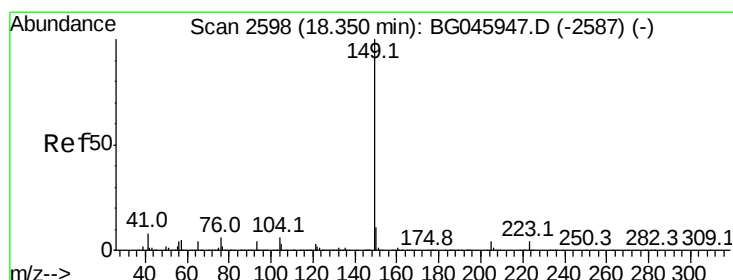
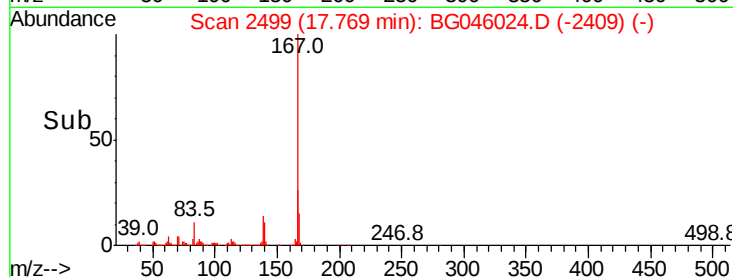
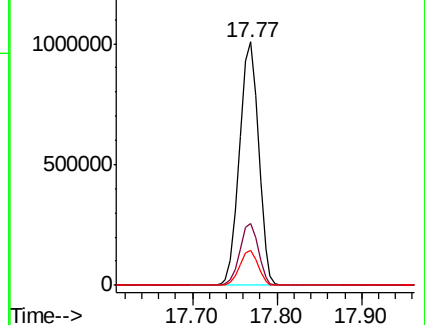
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.014 ng

RT: 18.34 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

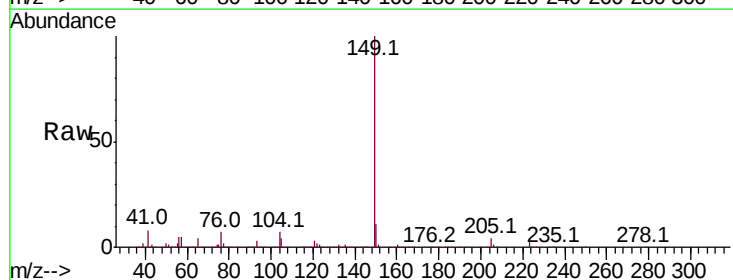
Tgt Ion:149 Resp: 1875928

Ion Ratio Lower Upper

149 100

150 11.2 9.0 13.4

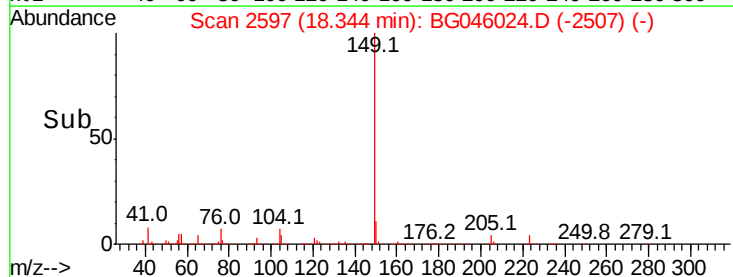
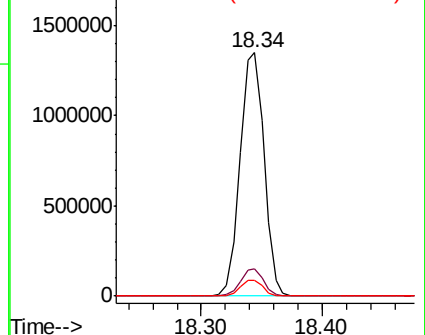
104 6.5 5.2 7.8

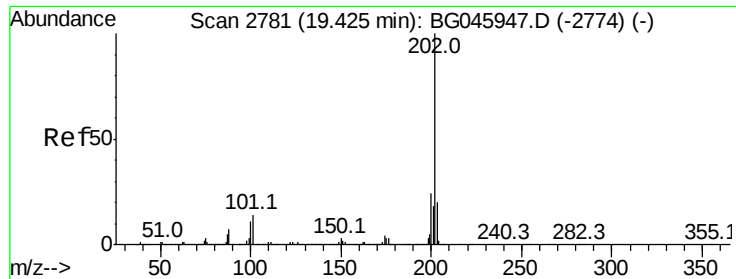


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





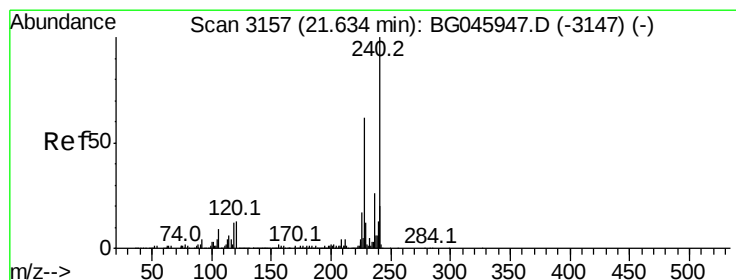
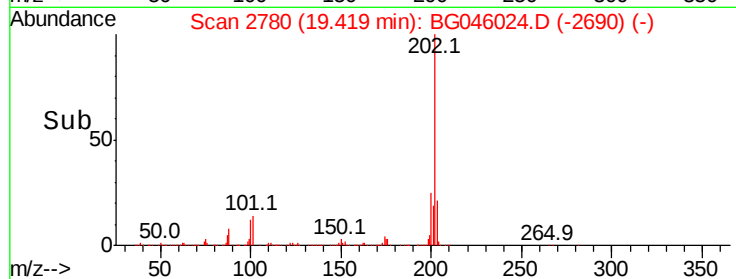
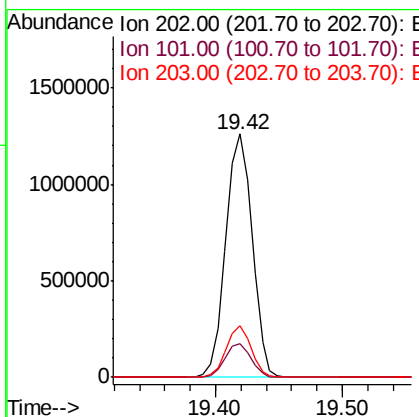
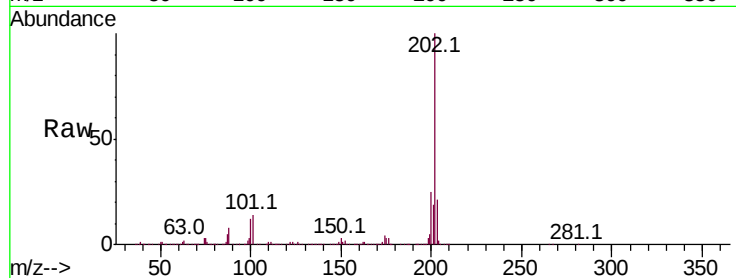
#75
 Fluoranthene
 Concen: 39.232 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1820730		
101	14.0		0.0	33.8
203	21.0		0.4	40.4

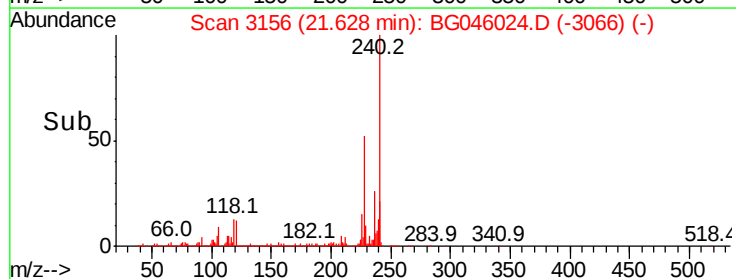
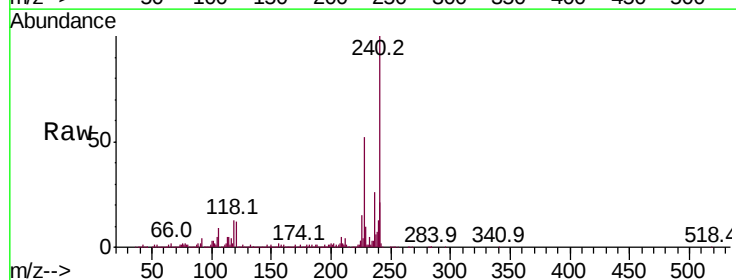
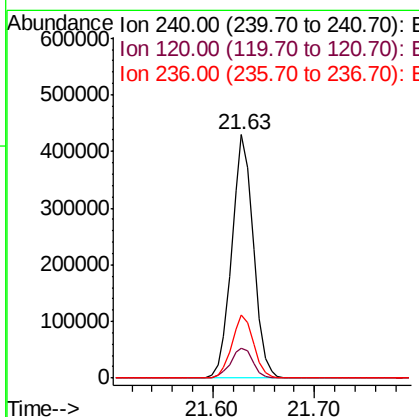
Manual Integrations
 APPROVED

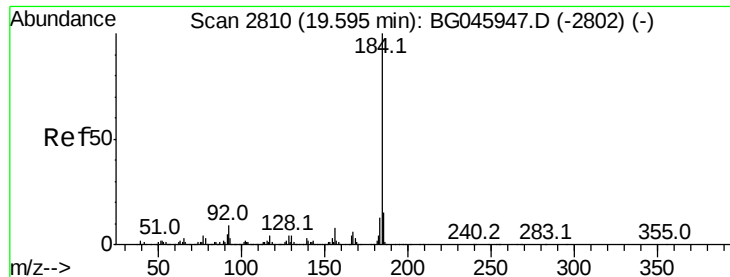
mohammad
 7/14/2020 12:01:35 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	635071		
120	12.2		10.6	16.0
236	25.7		20.4	30.6





#77

Benzidine

Concen: 56.413 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:184 Resp: 1024370

Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

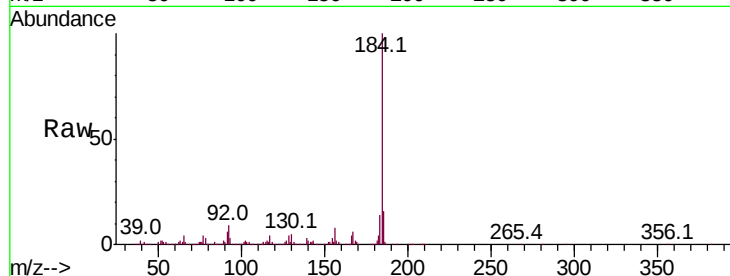
183 14.2 10.4 15.6

Manual Integrations

APPROVED

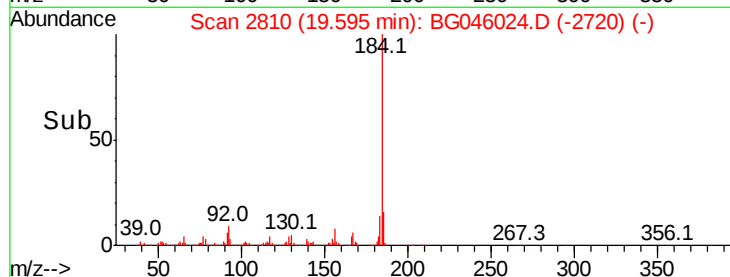
mohammad

7/14/2020 12:01:35 PM

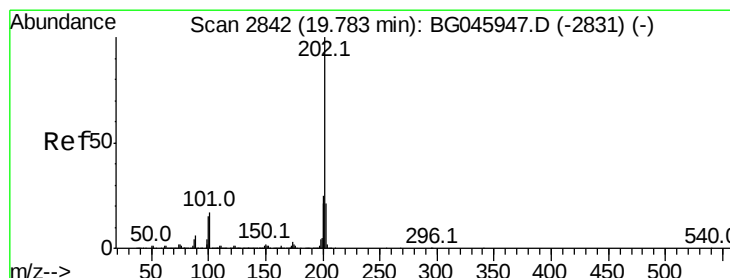


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

19.60



Time-->



#78

Pyrene

Concen: 41.366 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

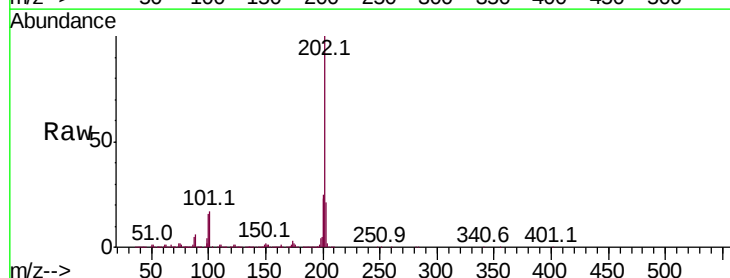
Tgt Ion:202 Resp: 1793221

Ion Ratio Lower Upper

202 100

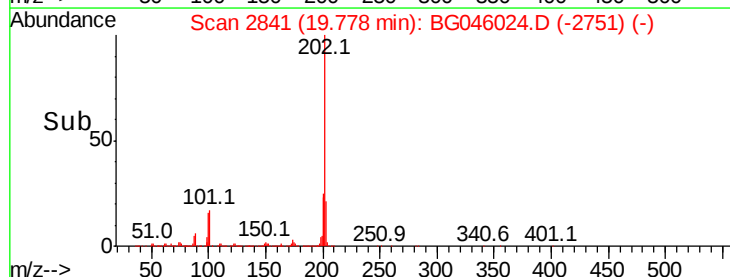
200 25.4 20.1 30.1

203 21.3 16.5 24.7

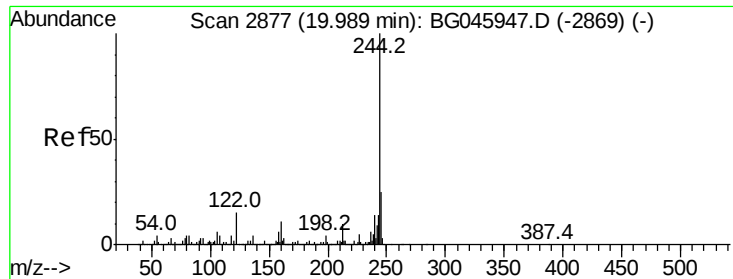


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.78



Time-->



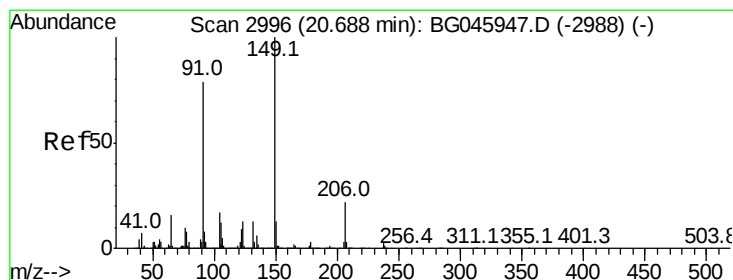
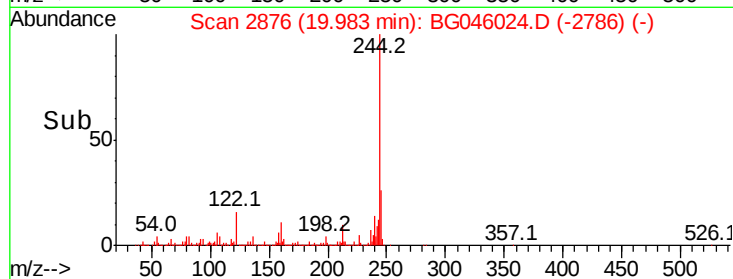
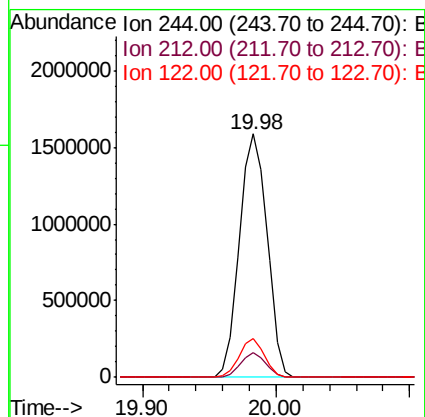
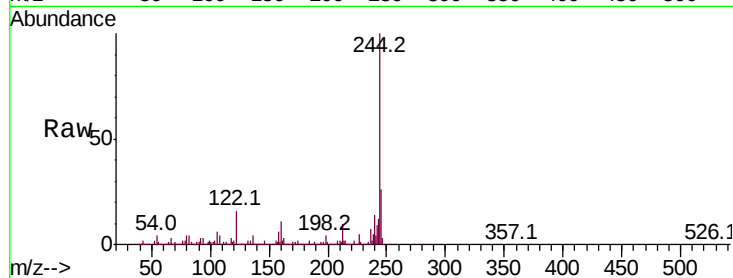
#79
 Terphenyl-d14
 Concen: 79.834 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.3	12.5
122	15.9	12.1	18.1

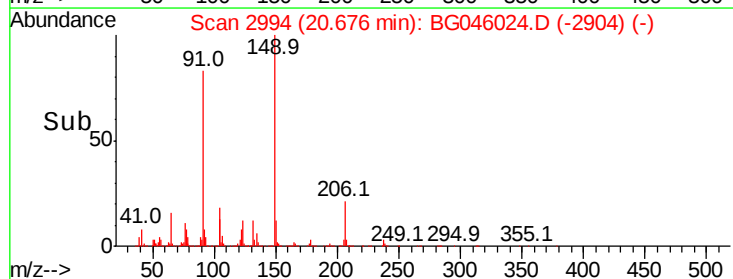
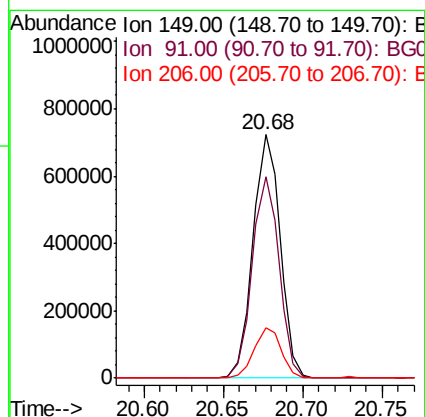
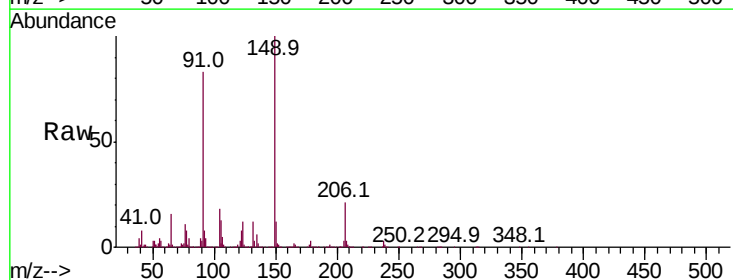
Manual Integrations
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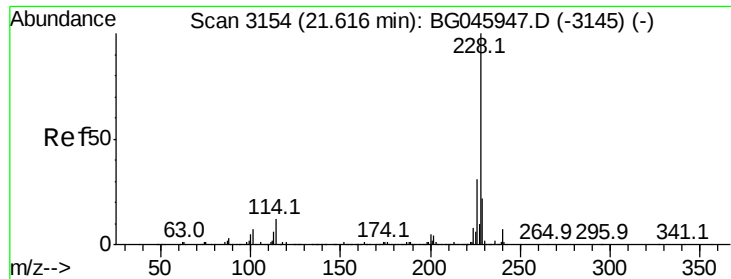
mohammad
 7/14/2020 12:01:35 PM



#80
 Butylbenzylphthalate
 Concen: 42.160 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.7	63.1	94.7
206	20.7	17.4	26.0





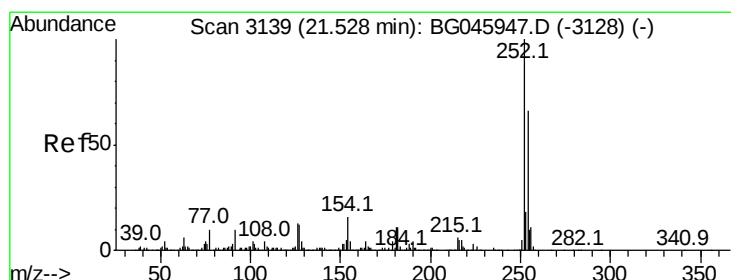
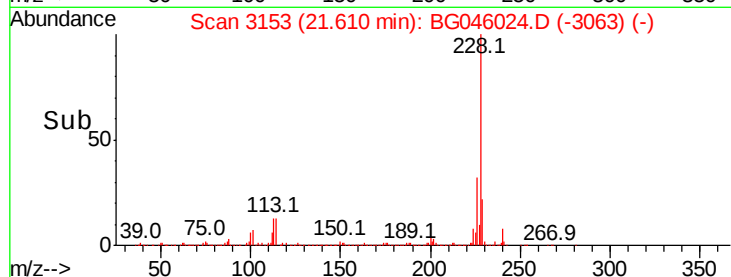
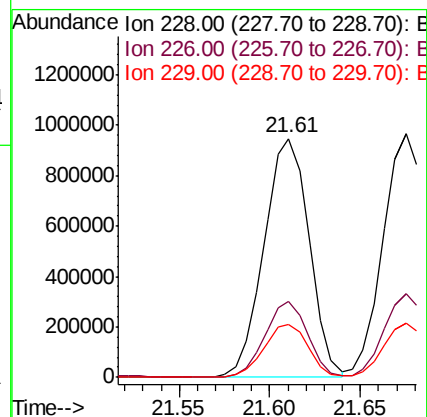
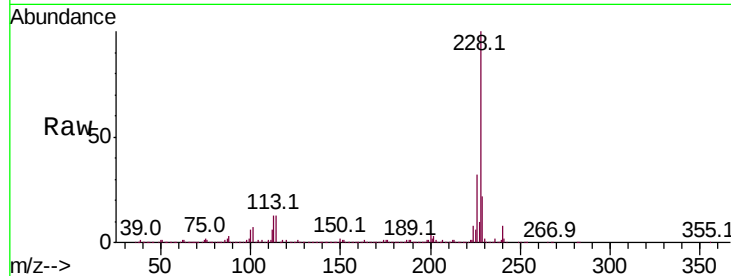
#81
Benzo(a)anthracene
Concen: 39.320 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	22.1	17.8	26.8

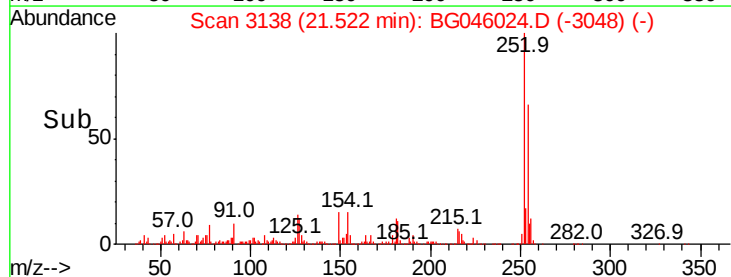
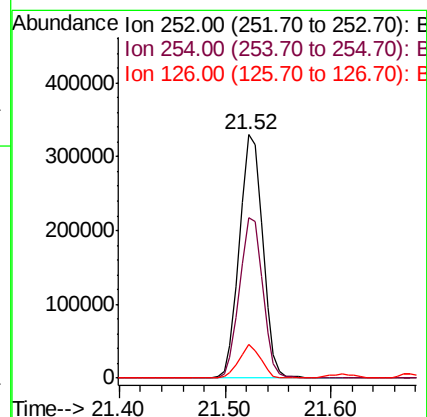
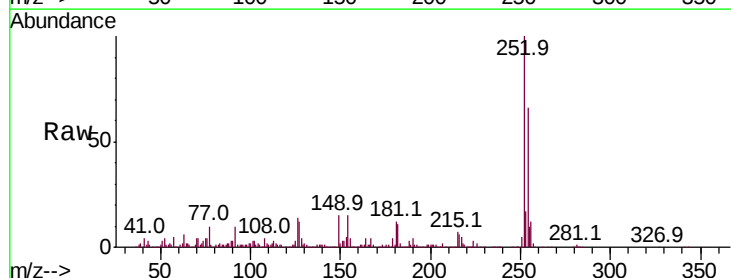
Manual Integrations
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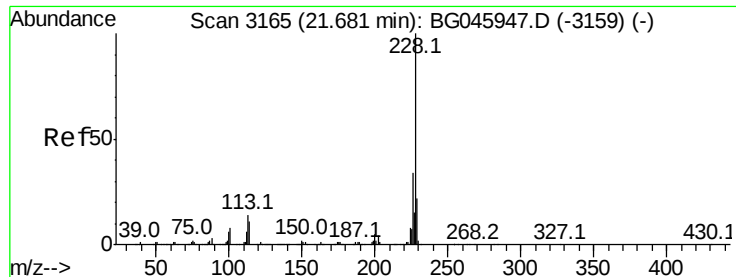
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 32.485 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.9	79.3
126	13.6	10.4	15.6





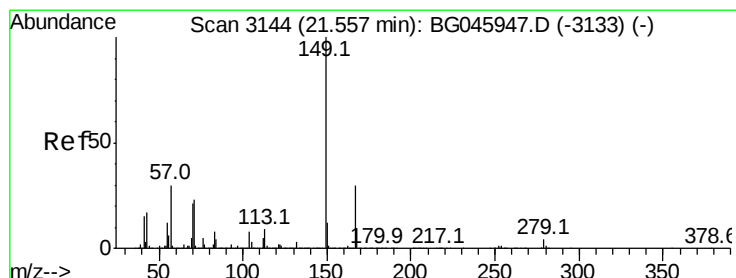
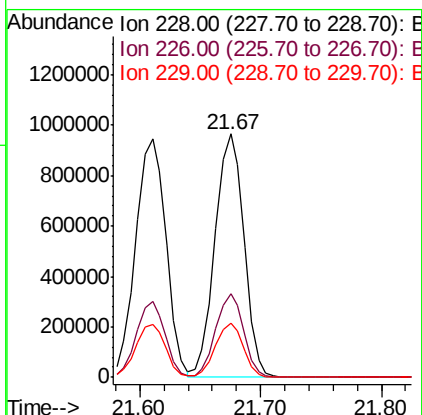
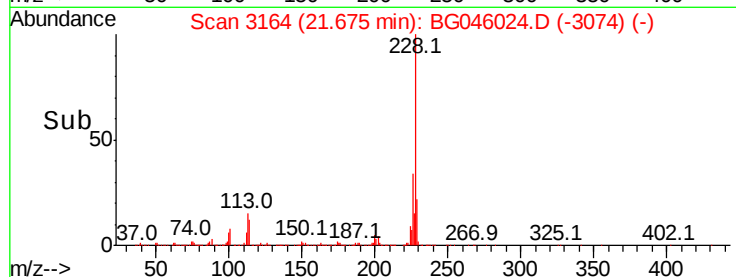
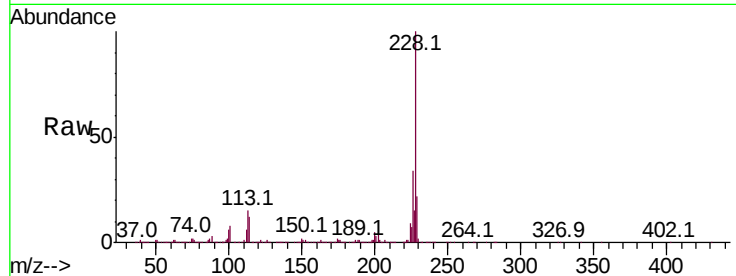
#83
 Chrysene
 Concen: 40.063 ng
 RT: 21.67 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	22.2	17.3	25.9

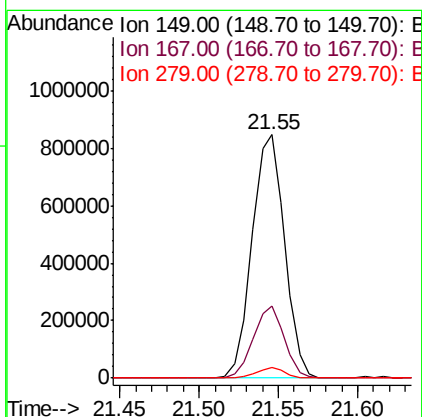
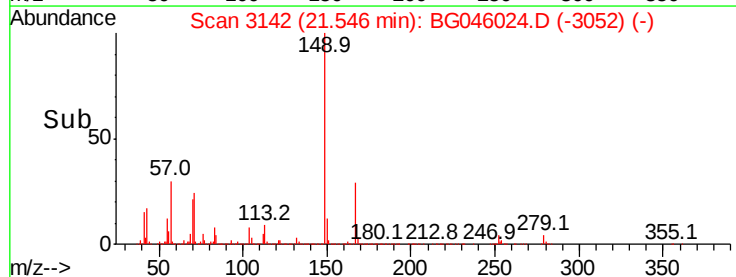
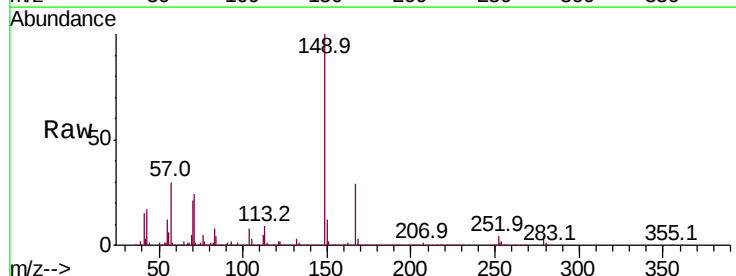
Manual Integrations
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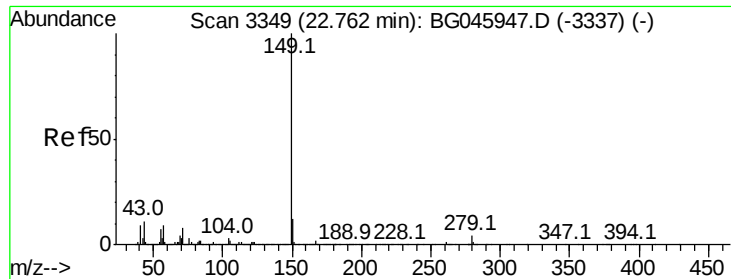
mohammad
 7/14/2020 12:01:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.633 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG046024.D
 Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.8	35.8
279	4.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 39.810 ng

RT: 22.74 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Instrument :

BNA_G

ClientSampleId :

PB130129BSD

Tot Ion:149 Resp: 2054352

Ion Ratio Lower Upper

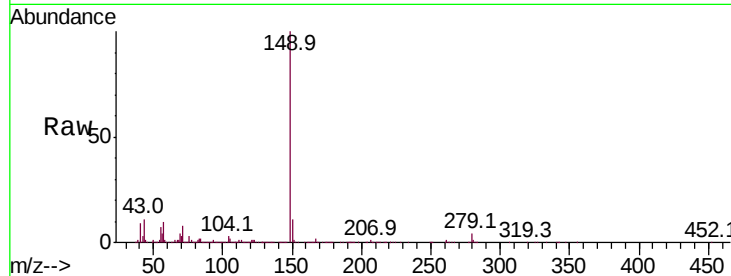
149 100

167 1.7 1.4 2.0

43 10.7 8.6 12.8

Manual Integrations
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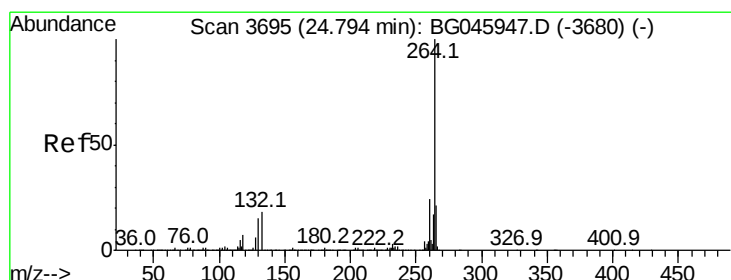
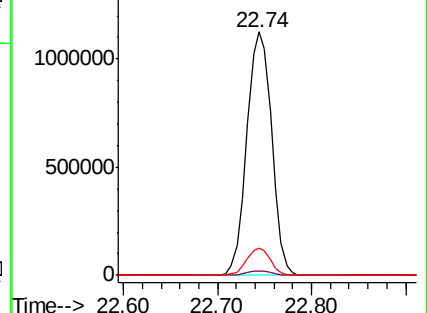
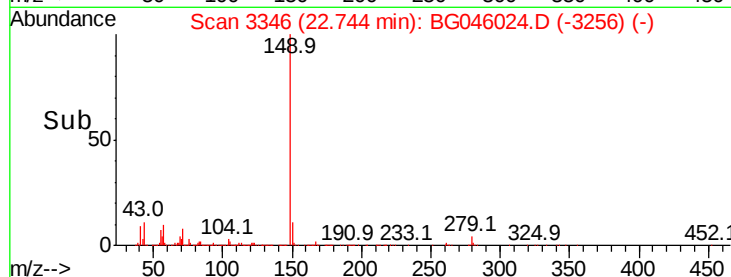
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

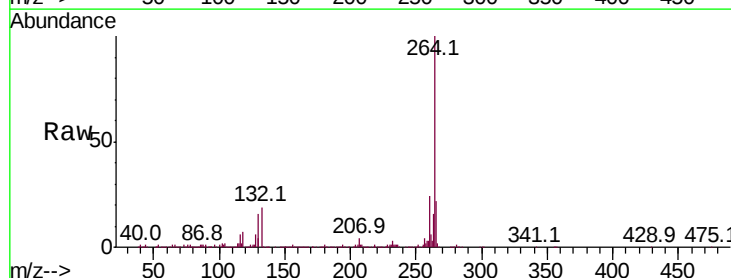
Tgt Ion:264 Resp: 661671

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

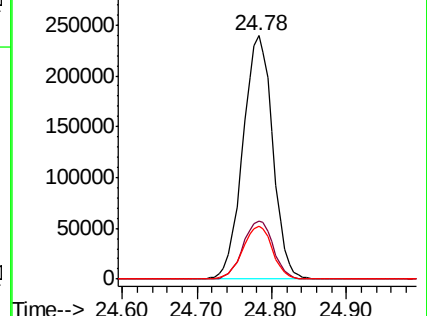
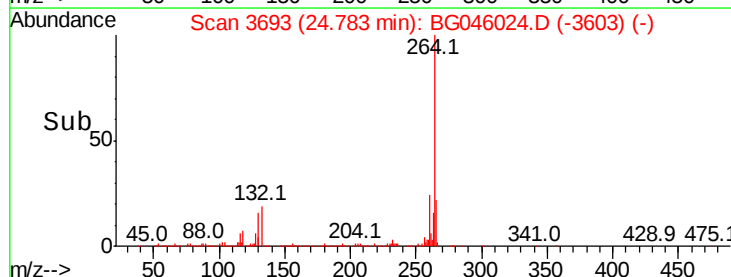
265 21.6 16.9 25.3

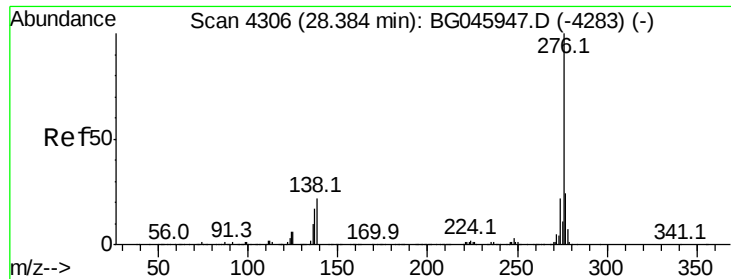


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.133 ng

RT: 28.37 min Scan# 4303

Delta R.T. 0.01 min

Lab File: BG046024.D

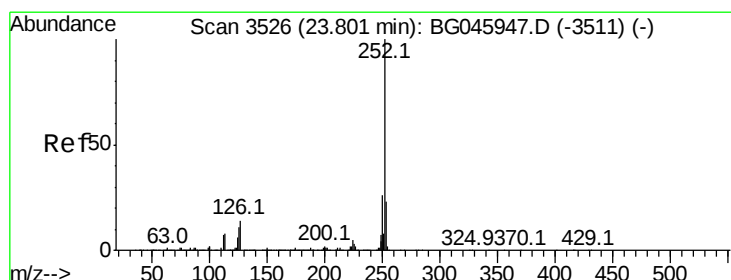
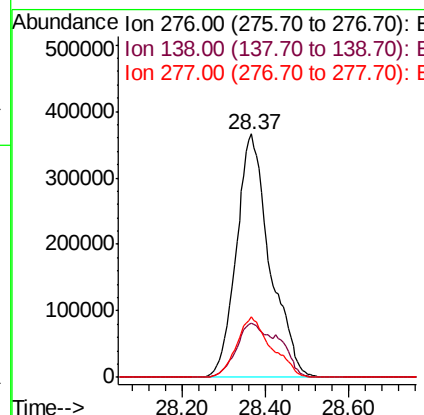
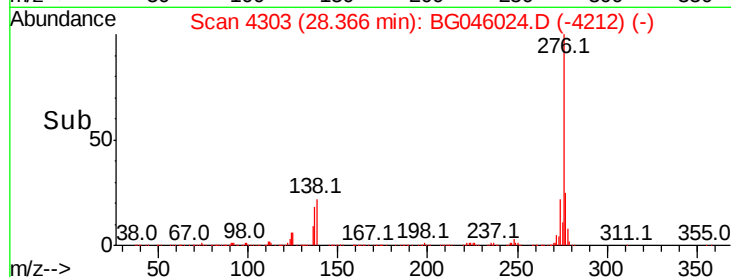
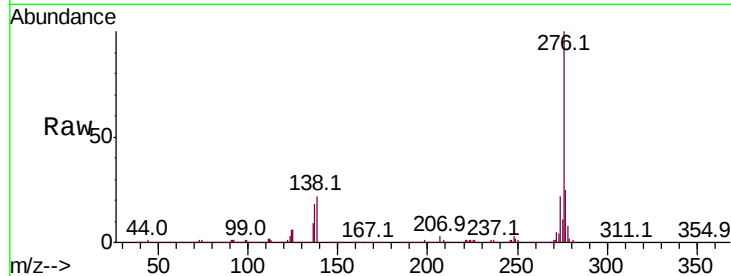
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleID :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.4	24.6
277	25.9	20.6	31.0

Manual Integrations
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mohammad
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#88

Benzo(b)fluoranthene

Concen: 41.398 ng

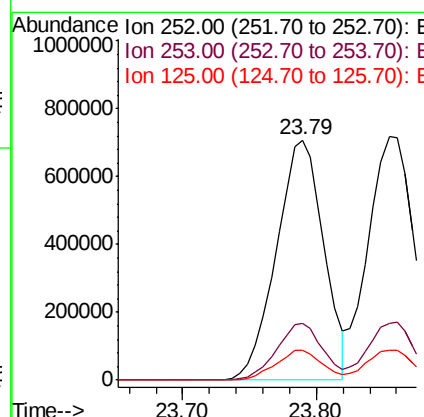
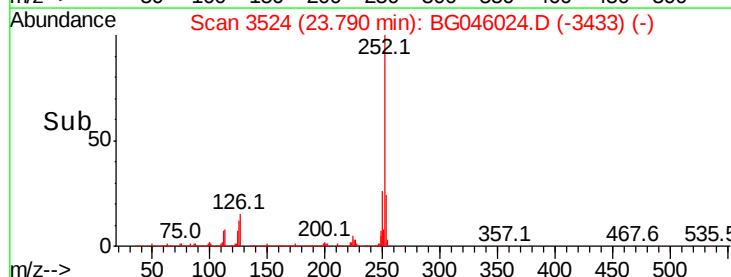
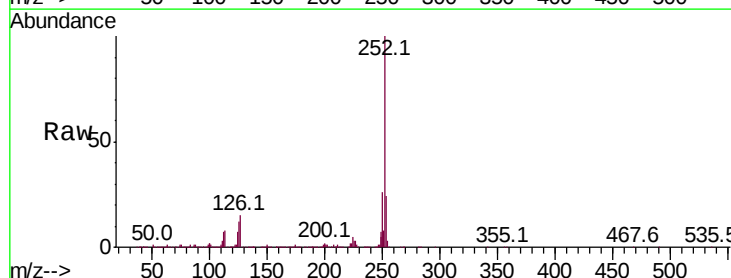
RT: 23.79 min Scan# 3524

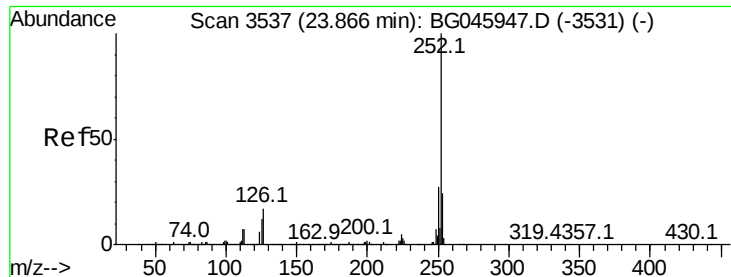
Delta R.T. 0.01 min

Lab File: BG046024.D

Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	12.3	9.2	13.8





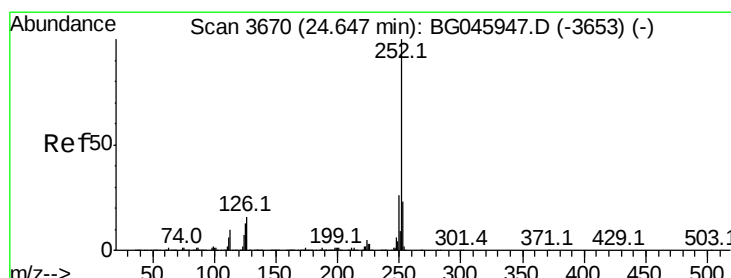
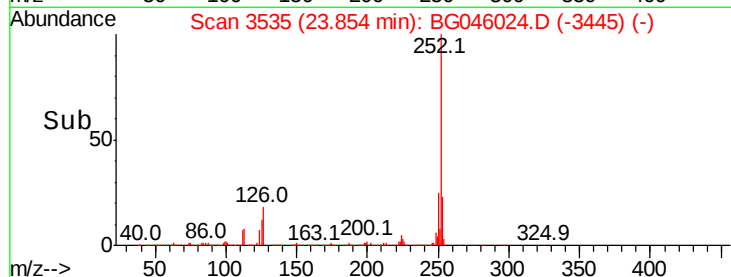
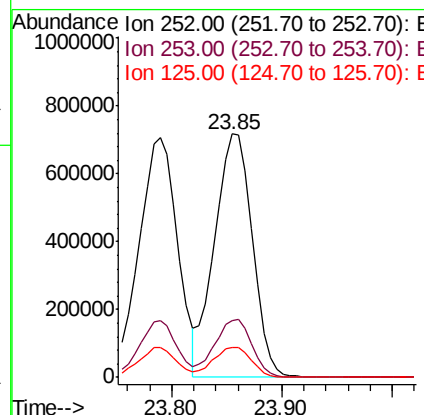
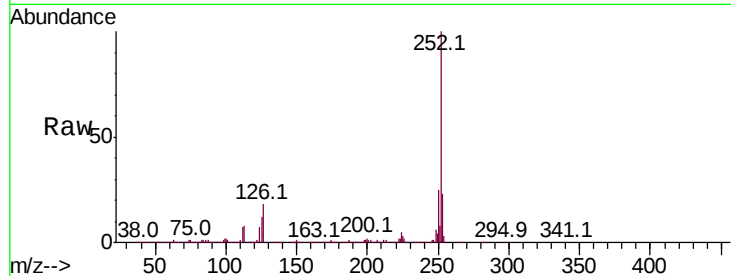
#89
Benzo(k)fluoranthene
Concen: 42.960 ng
RT: 23.85 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	12.4	9.6	14.4

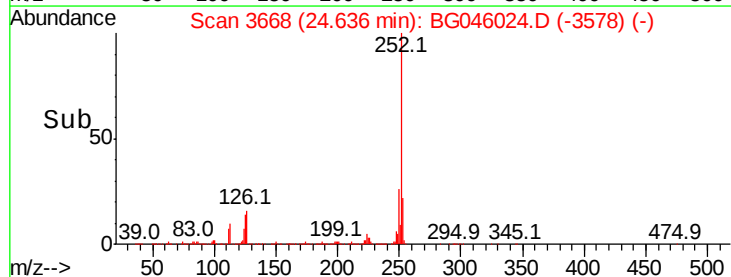
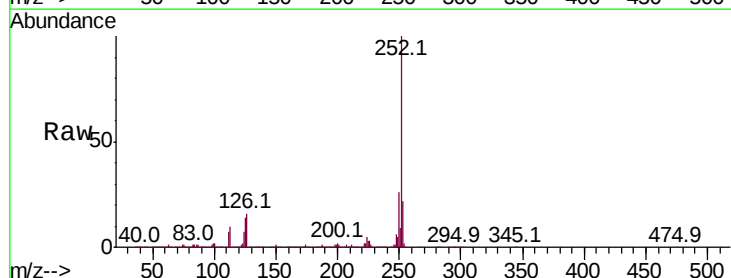
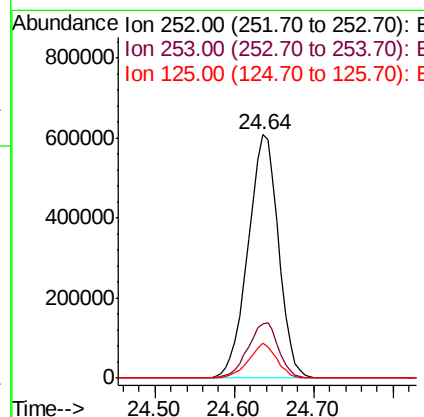
Manual Integrations
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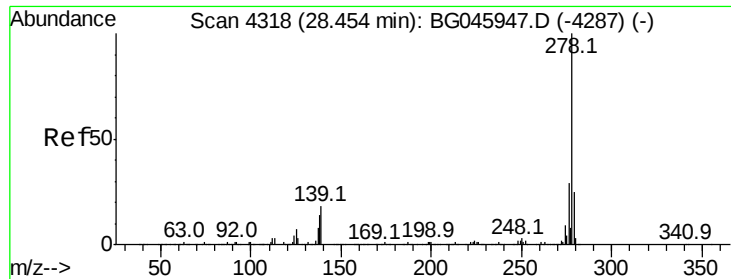
mohammad
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#90
Benzo(a)pyrene
Concen: 41.246 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	14.5	10.5	15.7





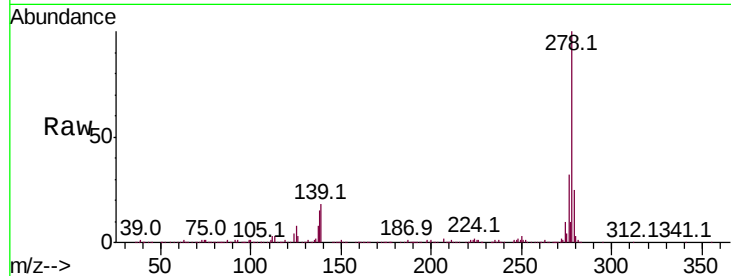
#91
Dibenzo(a,h)anthracene
Concen: 41.918 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Instrument :
BNA_G
ClientSampleId :
PB130129BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.3	21.5
279	25.0	19.8	29.6

Manual Integrations
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mohammad
7/14/2020 12:01:35 PM

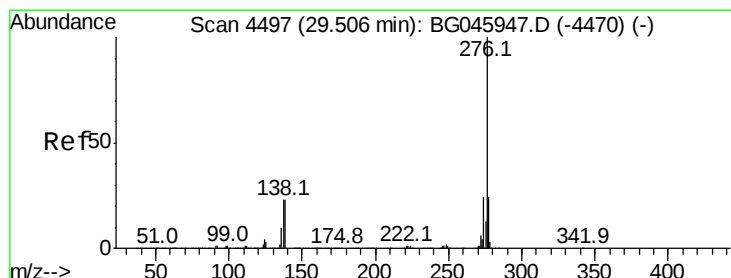
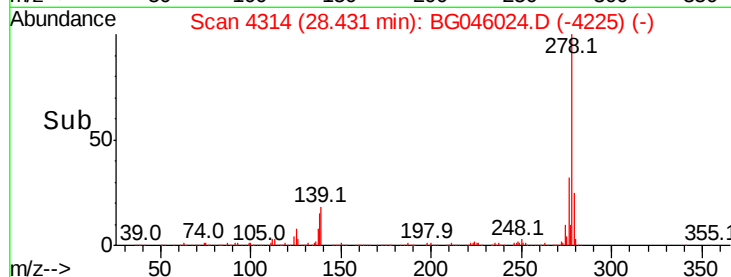
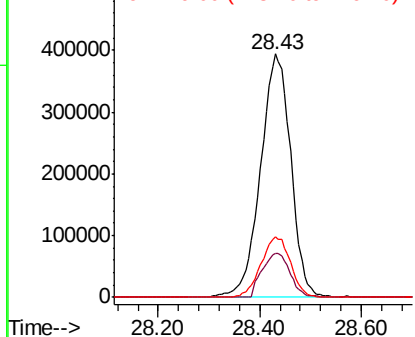


Abundance

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: 41.921 ng
RT: 29.49 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG046024.D
Acq: 13 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	23.9	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

