

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046002.D
 Acq On : 10 Jul 2020 11:40
 Operator : CG/JU
 Sample : PB130070BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Manual Integrations
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mohammad
 7/13/2020 1:03:29 PM

Quant Time: Jul 10 13:09:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	160293	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	645042	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	382596	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	787646	20.00	ng	0.00
76) Chrysene-d12	21.63	240	657055	20.00	ng	0.00
86) Perylene-d12	24.79	264	669795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1478627	149.59	ng	0.00
7) Phenol-d6	7.17	99	1970123	138.44	ng	0.00
23) Nitrobenzene-d5	9.16	82	1272524	113.55	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	518591	146.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2255793	91.97	ng	0.00
79) Terphenyl-d14	19.99	244	2829500	95.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	175016	38.378	ng	98
3) Pyridine	3.90	79	515913	37.415	ng	100
4) n-Nitrosodimethylamine	3.81	42	228456	48.997	ng	# 97
6) Aniline	7.33	93	737525	40.513	ng	99
8) 2-Chlorophenol	7.57	128	502027	47.181	ng	99
9) Benzaldehyde	7.14	77	335037	37.159	ng	96
10) Phenol	7.20	94	663810	46.501	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	510552	43.251	ng	100
12) 1,3-Dichlorobenzene	7.90	146	527127	42.980	ng	98
13) 1,4-Dichlorobenzene	8.04	146	522060	43.271	ng	98
14) 1,2-Dichlorobenzene	8.36	146	488251	42.048	ng	96
15) Benzyl Alcohol	8.24	79	484458	43.417	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	657512	42.691	ng	97
17) 2-Methylphenol	8.44	107	447490	41.777	ng	97
18) Hexachloroethane	9.10	117	200893	43.275	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	436323	43.644	ng	100
20) 3+4-Methylphenols	8.77	107	601949	41.234	ng	98
22) Acetophenone	8.82	105	718093	41.671	ng	97
24) Nitrobenzene	9.20	77	607989	49.153	ng	100
25) Isophorone	9.73	82	1134265	41.459	ng	100
26) 2-Nitrophenol	9.91	139	215447	53.438	ng	95
27) 2,4-Dimethylphenol	9.98	122	430579	44.216	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	665989	43.350	ng	98
29) 2,4-Dichlorophenol	10.45	162	445439	44.187	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	462641	41.420	ng	98
31) Naphthalene	10.86	128	1436285	41.536	ng	99
32) Benzoic acid	10.12	122	270336	45.800	ng	95
33) 4-Chloroaniline	10.95	127	455136	29.454	ng	98
34) Hexachlorobutadiene	11.16	225	254055	38.955	ng	97
35) Caprolactam	11.73	113	166038m	43.381	ng	
36) 4-Chloro-3-methylphenol	12.07	107	510344	44.449	ng	99
37) 2-Methylnaphthalene	12.46	142	1045834	42.546	ng	99
38) 1-Methylnaphthalene	12.68	142	999481	43.084	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	449362	41.665	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	520858	81.391	nq	95
43) 2,4,6-Trichlorophenol	13.06	196	332886	45.639	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	357071	43.297	nq	97
46) 1,1'-Biphenyl	13.47	154	1243079	43.191	nq	99
47) 2-Chloronaphthalene	13.51	162	952633	41.950	nq	98
48) 2-Nitroaniline	13.70	65	344802	53.729	nq	97
49) Acenaphthylene	14.35	152	1538894	42.002	nq	98
50) Dimethylphthalate	14.09	163	1198513	41.741	nq	99
51) 2,6-Dinitrotoluene	14.19	165	268391	51.967	nq	98
52) Acenaphthene	14.69	154	1063235	46.007	nq	98
53) 3-Nitroaniline	14.52	138	256166	41.108	nq	# 94
54) 2,4-Dinitrophenol	14.72	184	195026	99.870	nq	# 85
55) Dibenzofuran	15.03	168	1416486	41.814	nq	99
56) 4-Nitrophenol	14.83	139	499349	106.746	nq	97
57) 2,4-Dinitrotoluene	14.98	165	357877	53.781	nq	95
58) Fluorene	15.68	166	1166822	41.987	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	302696m	47.539	nq	
60) Diethylphthalate	15.46	149	1246741	41.403	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	560140	40.515	nq	99
62) 4-Nitroaniline	15.69	138	306124	51.585	nq	96
63) Azobenzene	15.96	77	1405594	43.491	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	141533	51.595	nq	93
66) n-Nitrosodiphenylamine	15.89	169	1057555	43.329	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	356771	40.556	nq	98
68) Hexachlorobenzene	16.69	284	376010	42.595	nq	98
69) Atrazine	16.83	200	340398	47.170	nq	97
70) Pentachlorophenol	17.02	266	446684	91.012	nq	100
71) Phenanthrene	17.41	178	1761348	42.299	nq	96
72) Anthracene	17.50	178	1805947	42.736	nq	98
73) Carbazole	17.77	167	1715301	40.496	nq	98
74) Di-n-butylphthalate	18.34	149	2053727	40.123	nq	99
75) Fluoranthene	19.42	202	2017253	41.906	nq	97
77) Benzidine	19.59	184	1125869	59.928	nq	97
78) Pyrene	19.78	202	2000455	44.603	nq	99
80) Butylbenzylphthalate	20.68	149	943587	44.520	nq	98
81) Benzo(a)anthracene	21.61	228	1803842	41.752	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	609926	38.205	nq	98
83) Chrysene	21.68	228	1728855	42.004	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1320182	42.911	nq	99
85) Di-n-octyl phthalate	22.75	149	2241801	41.989	nq	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2309566	47.134	nq	99
88) Benzo(b)fluoranthene	23.79	252	1966379	46.247	nq	99
89) Benzo(k)fluoranthene	23.86	252	1867089	46.440	nq	99
90) Benzo(a)pyrene	24.64	252	1812347	45.329	nq	99
91) Dibenzo(a,h)anthracene	28.44	278	1852192	46.865	nq	100
92) Benzo(g,h,i)perylene	29.49	276	1866107	46.920	nq	99

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

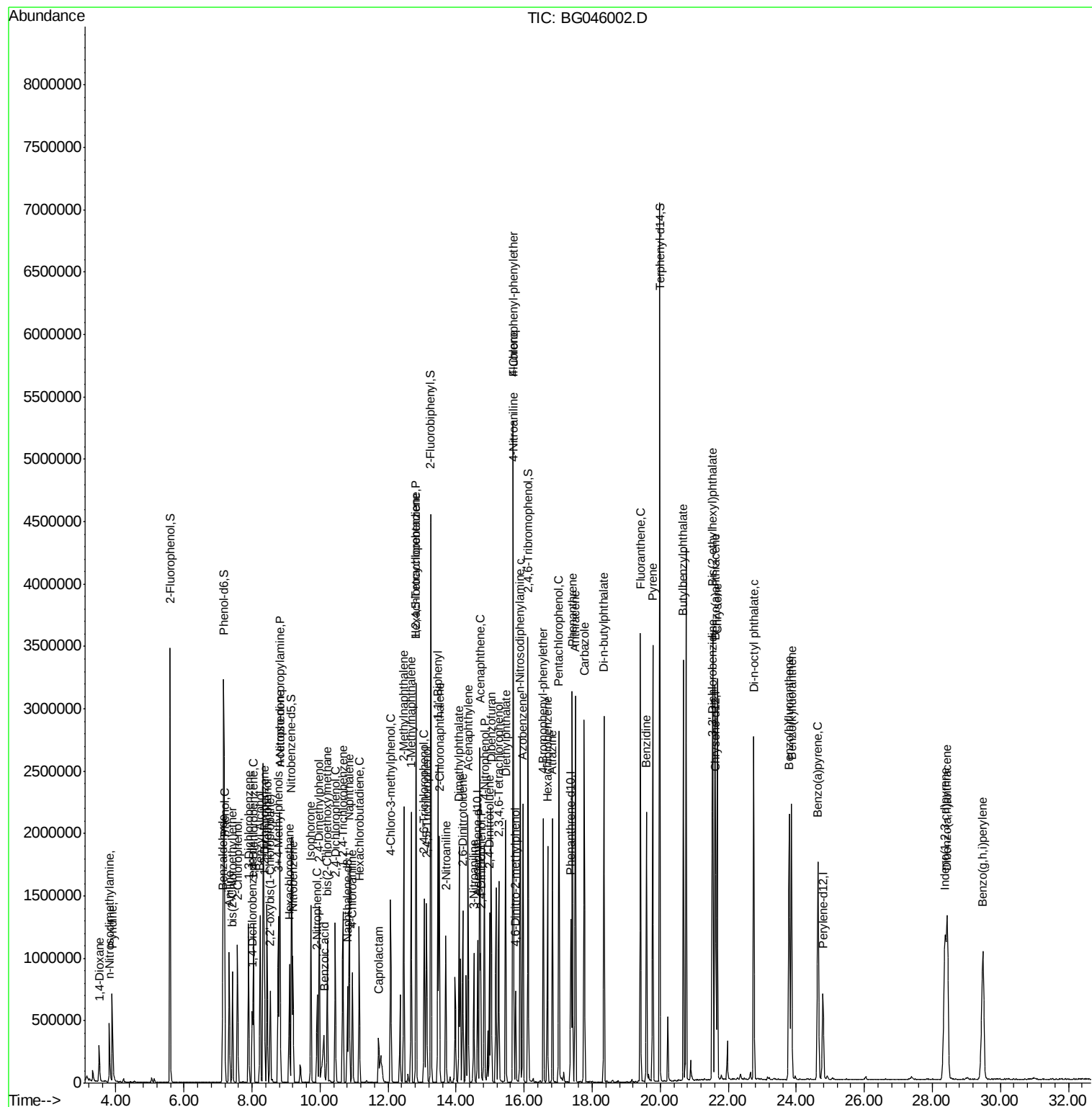
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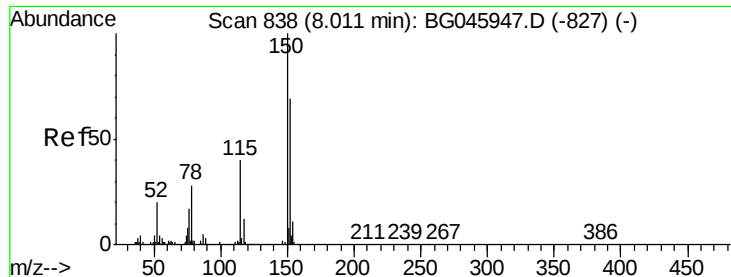
Instrument :
BNA_G
ClientSampled :
PB130070BS

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#1

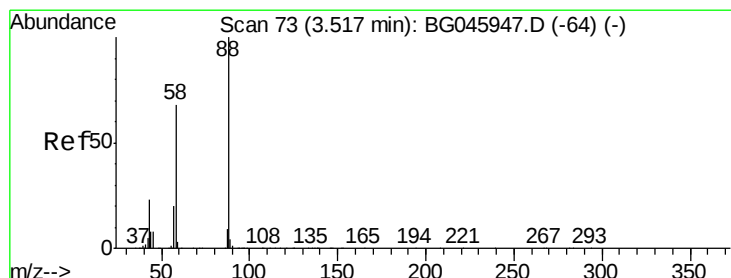
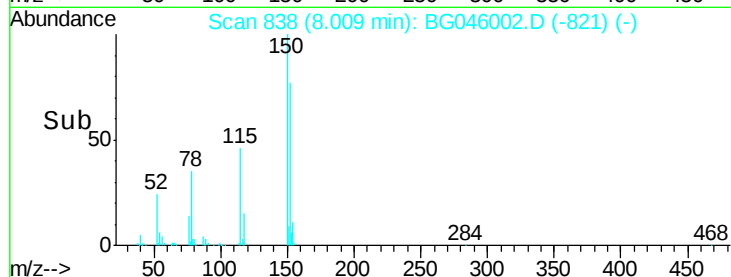
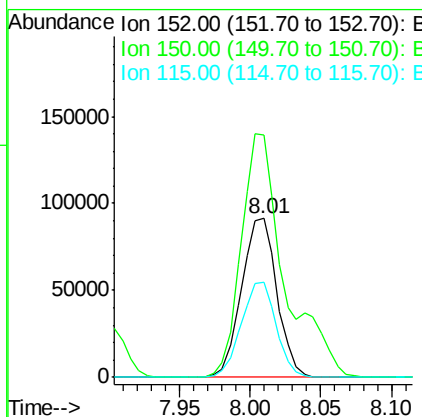
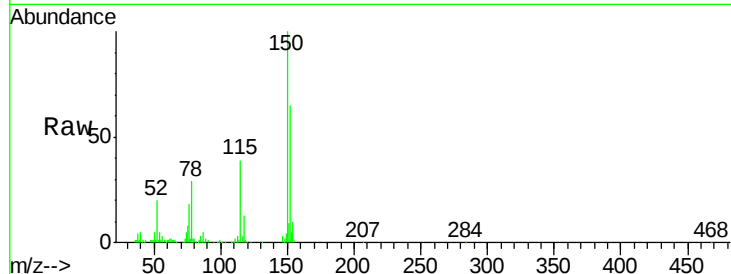
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	116.7	175.1
115	60.2	47.4	71.0

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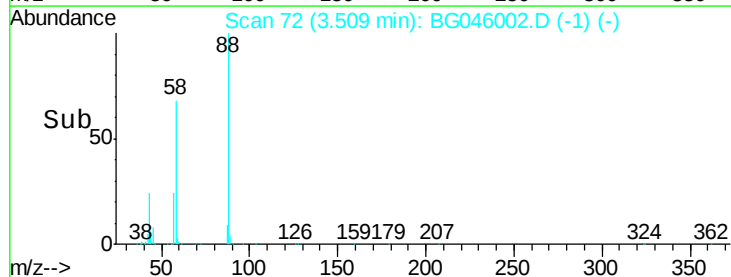
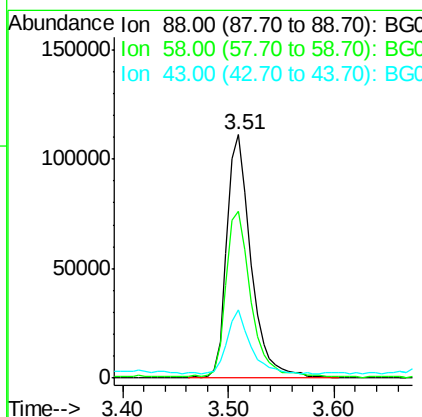
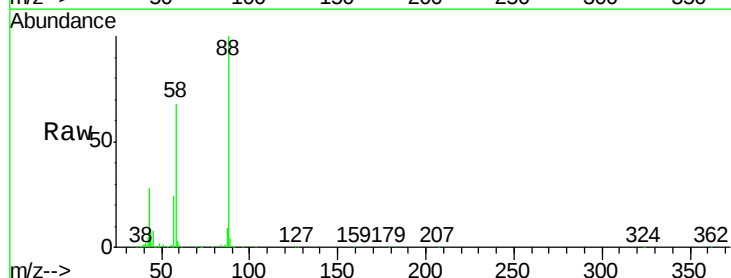
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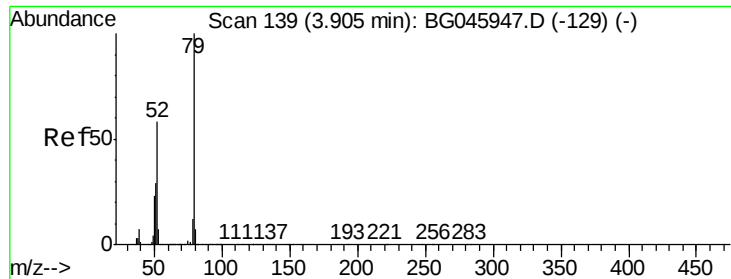


#2

1,4-Dioxane
Concen: 38.378 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.2	82.8
43	25.9	19.4	29.0





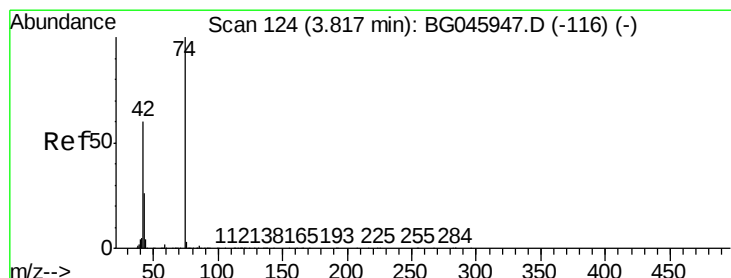
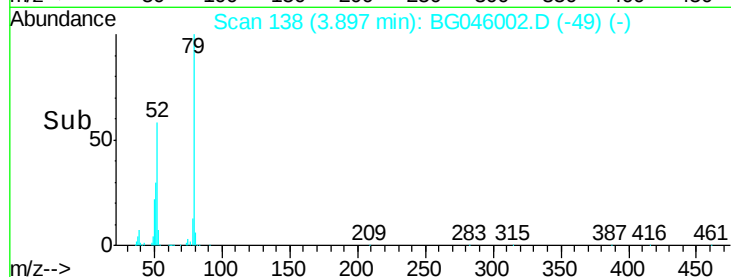
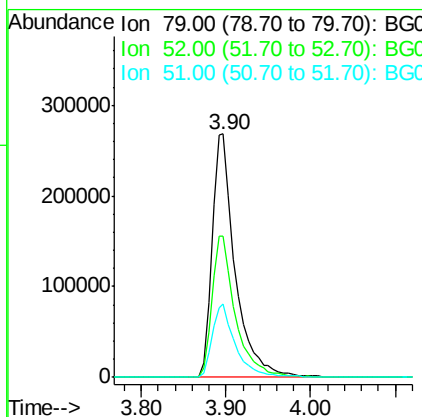
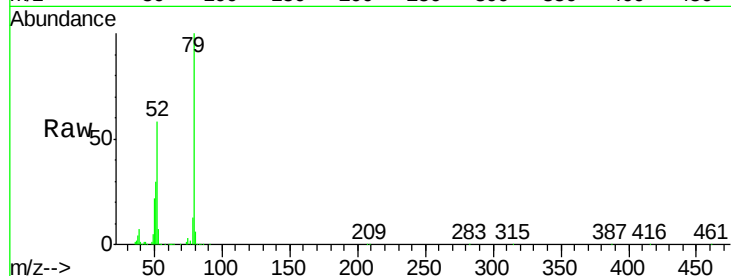
#3
 Pvridine
 Concen: 37.415 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	58.1		46.5	69.7
51	51	30.1		23.5	35.3

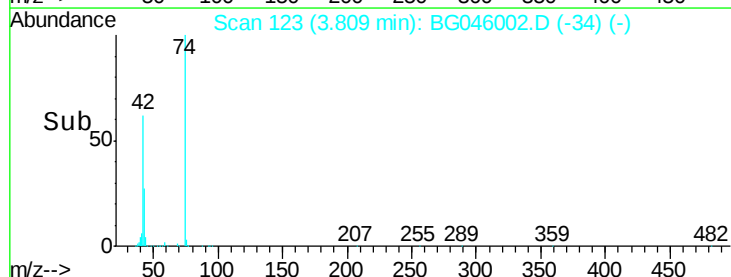
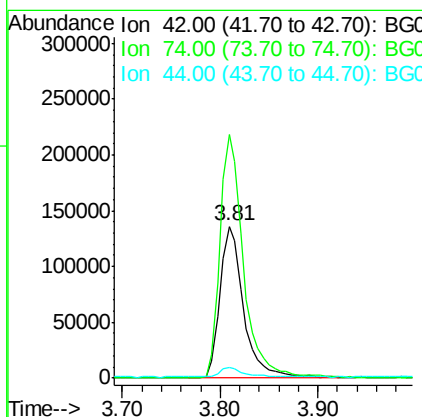
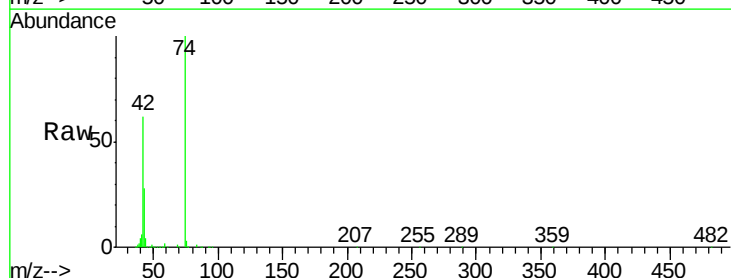
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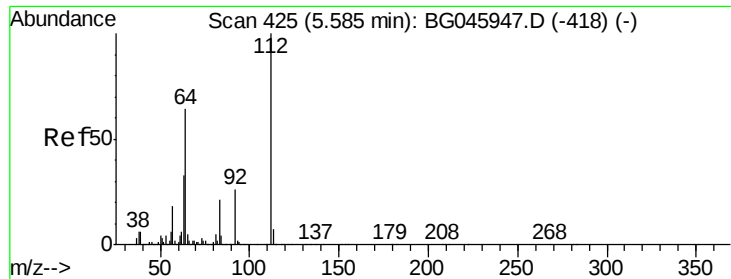
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#4
 n-Nitrosodimethylamine
 Concen: 48.997 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	160.7		131.9	197.9
44	44	7.0		7.7	11.5





#5

2-Fluorophenol

Concen: 149.591 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

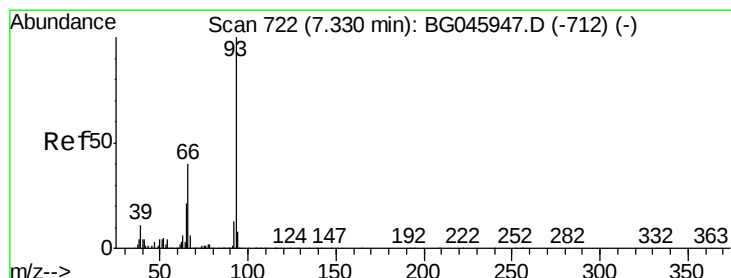
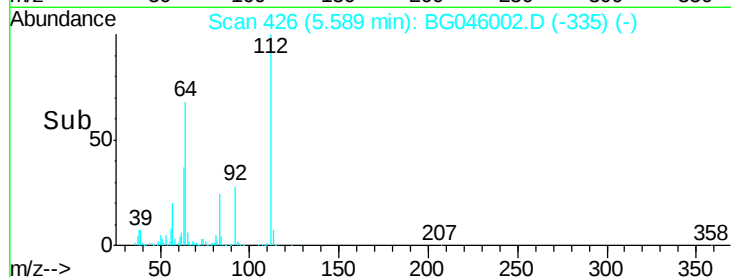
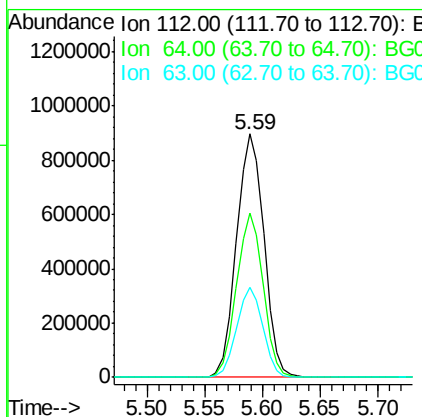
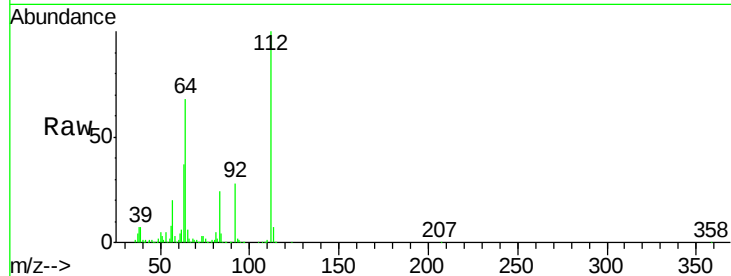
ClientSampleId :

PB130070BS

Tot Ion:	112	Resp:	1478627
Ion	Ratio	Lower	Upper
112	100		
64	67.6	51.4	77.2
63	37.1	26.6	40.0

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#6

Aniline

Concen: 40.513 ng

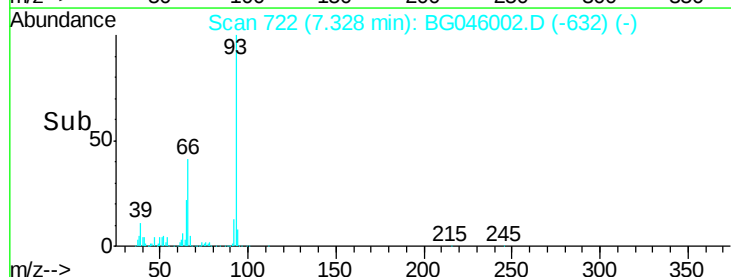
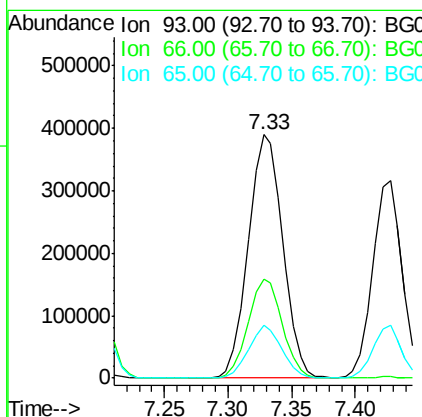
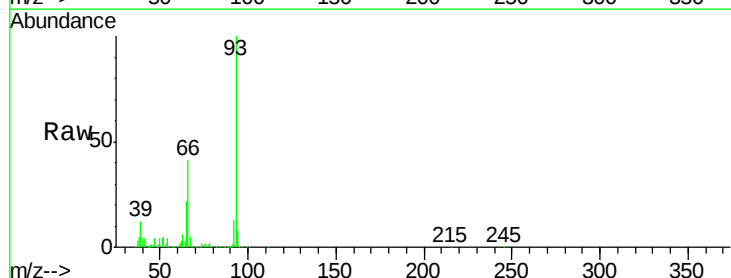
RT: 7.33 min Scan# 722

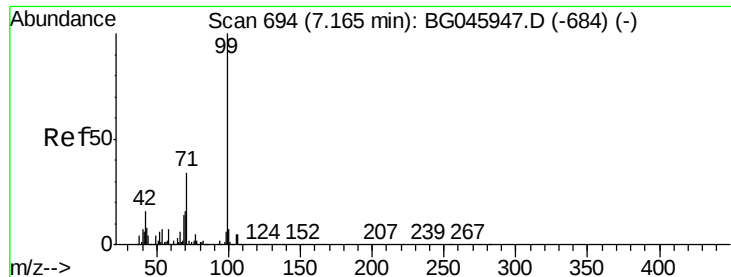
Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:	93	Resp:	737525
Ion	Ratio	Lower	Upper
93	100		
66	40.7	32.3	48.5
65	21.5	16.6	25.0





#7

Phenol-d6

Concen: 138.441 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion: 99 Resp: 1970123

Ion Ratio Lower Upper

99 100

42 19.1 13.0 19.4

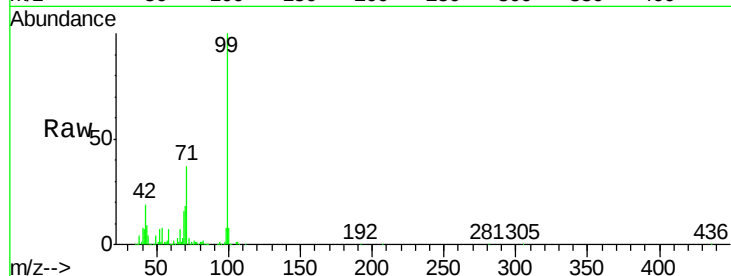
71 36.8 27.5 41.3

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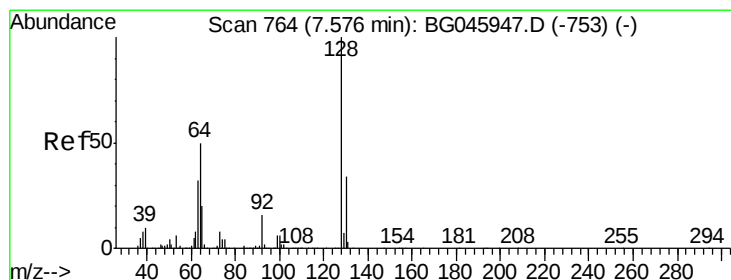
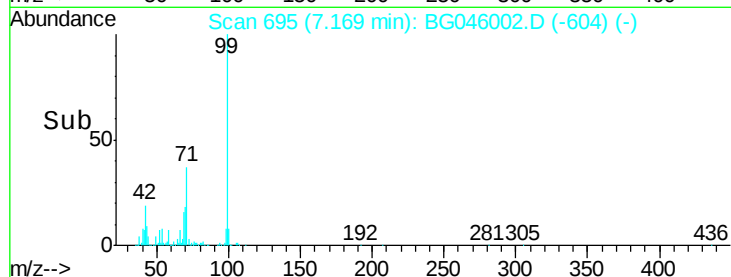
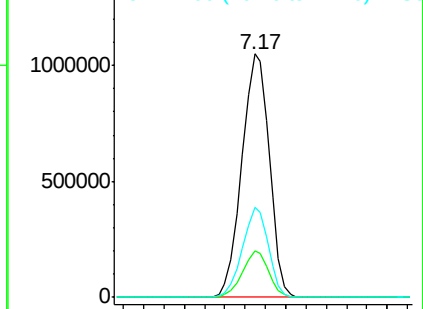
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.181 ng

RT: 7.57 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

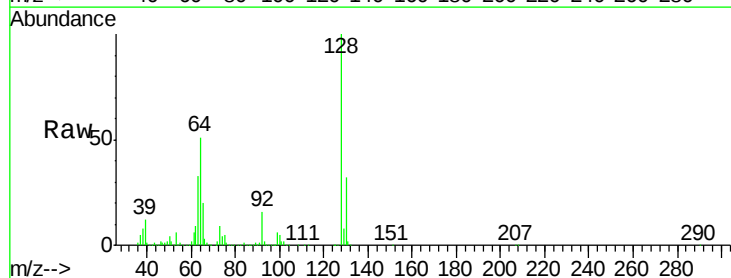
Tgt Ion:128 Resp: 502027

Ion Ratio Lower Upper

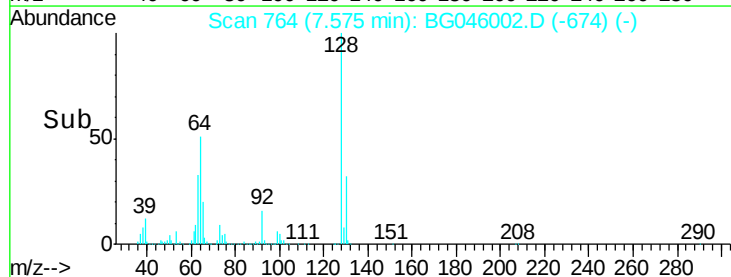
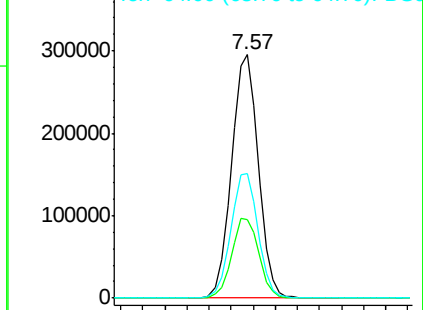
128 100

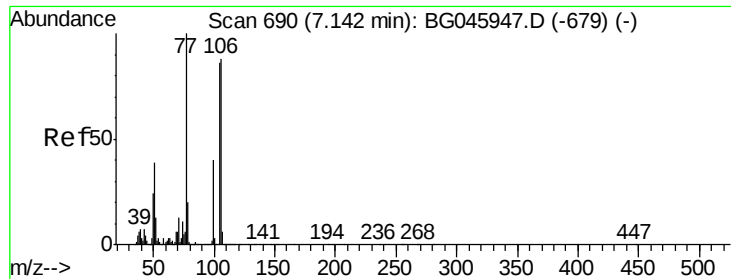
130 32.1 13.6 53.6

64 50.9 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.159 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

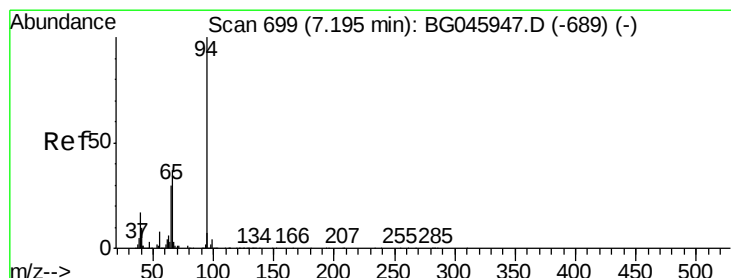
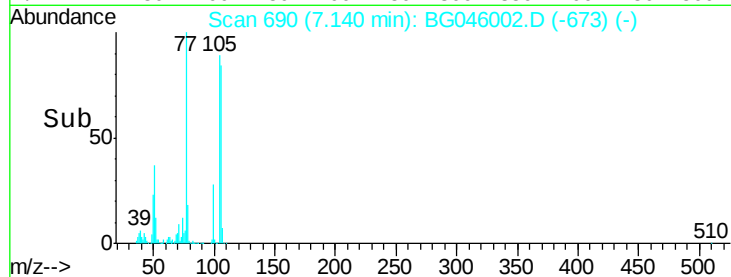
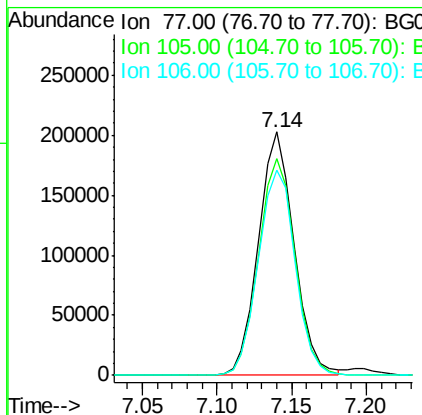
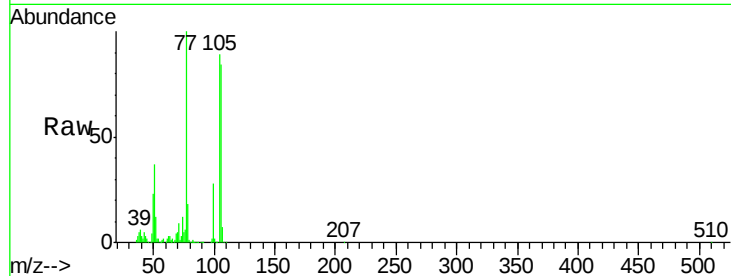
ClientSampleID :

PB130070BS

Tot Ion:	77	Resp:	335037
Ion Ratio	Lower	Upper	
77	100		
105	89.2	66.0	106.0
106	84.3	67.7	107.7

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#10

Phenol

Concen: 46.501 ng

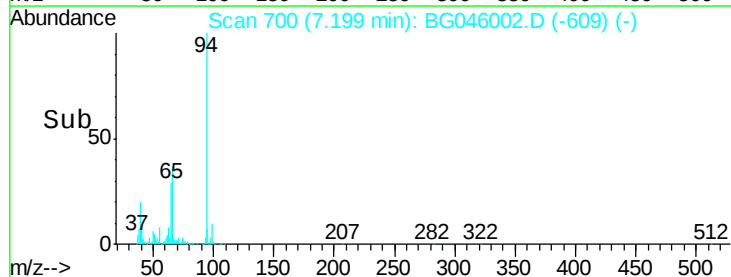
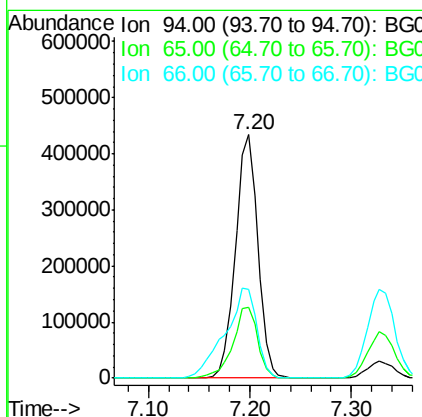
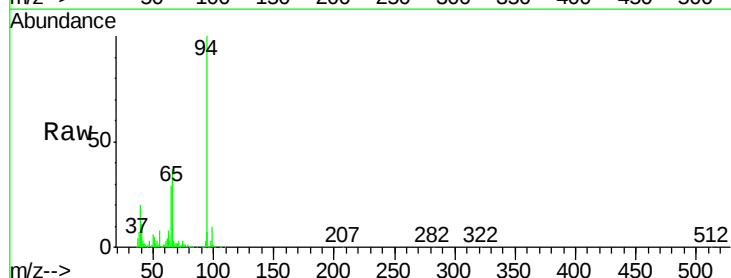
RT: 7.20 min Scan# 700

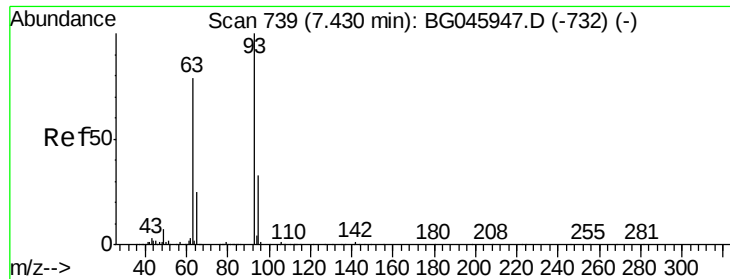
Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:	94	Resp:	663810
Ion Ratio	Lower	Upper	
94	100		
65	29.2	10.6	50.6
66	36.7	17.1	57.1





#11

bis(2-Chloroethyl)ether

Concen: 43.251 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

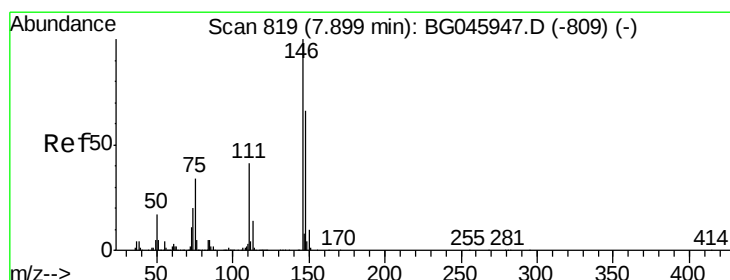
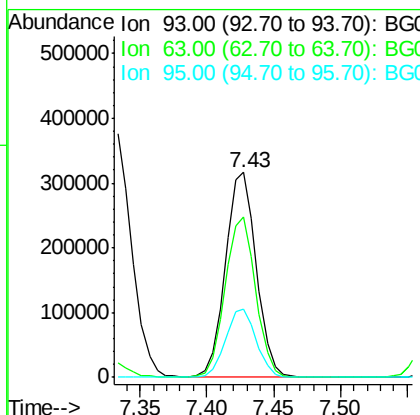
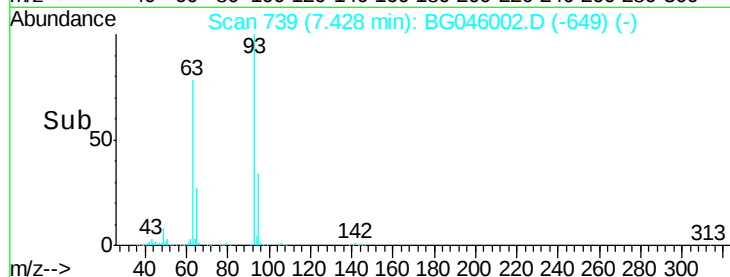
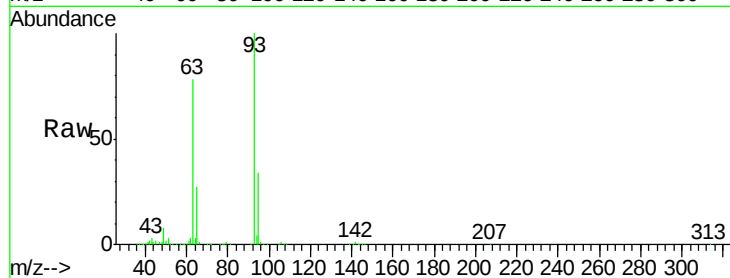
ClientSampleId :

PB130070BS

Tot Ion:	93	Resp:	510552
Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.6	98.6
95	33.5	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 42.980 ng

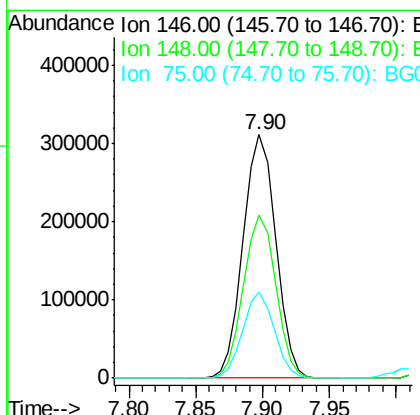
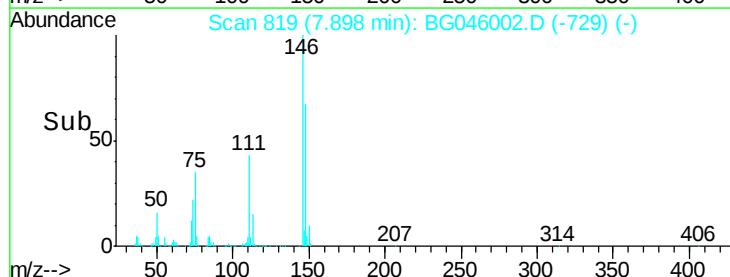
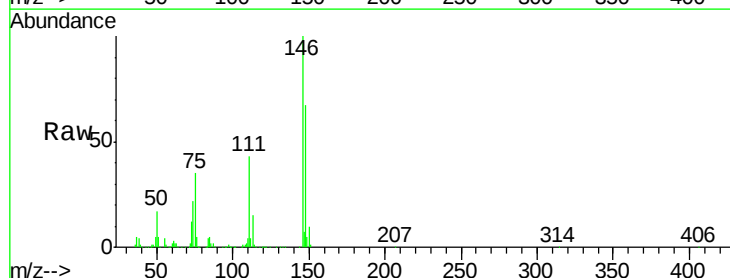
RT: 7.90 min Scan# 819

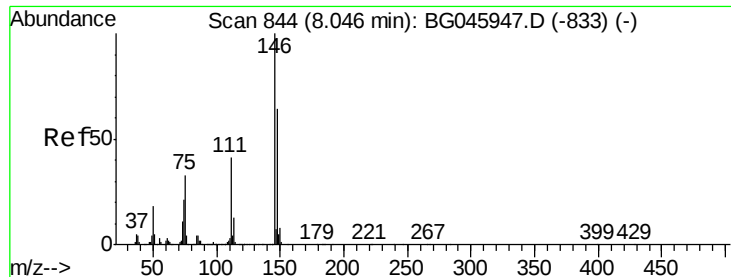
Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:	146	Resp:	527127
Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.8	79.2
75	35.2	27.2	40.8





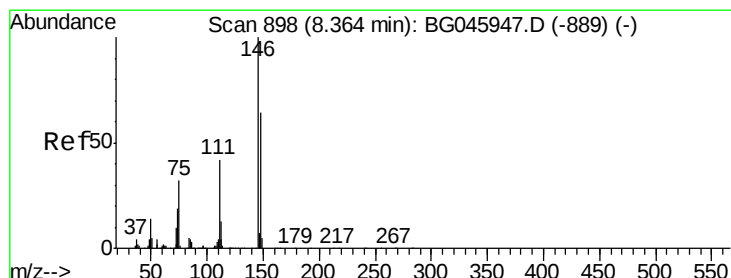
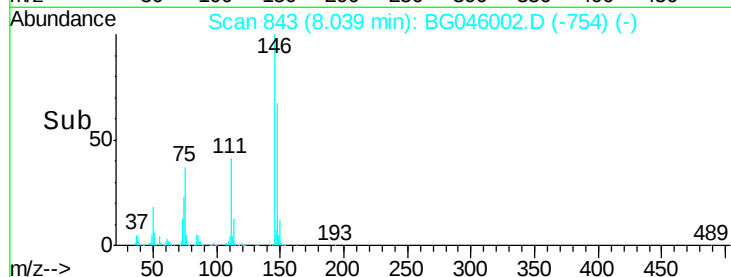
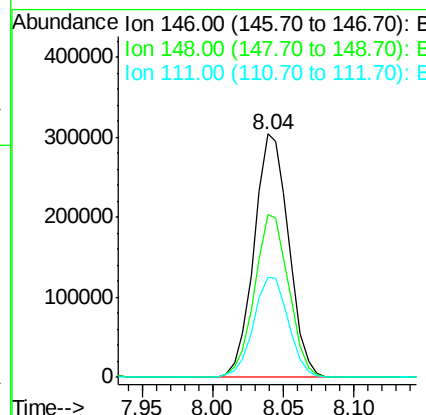
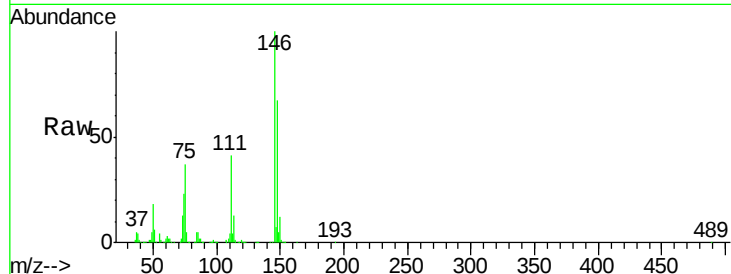
#13
1,4-Dichlorobenzene
Concen: 43.271 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.7	77.5
111	41.4	33.3	49.9

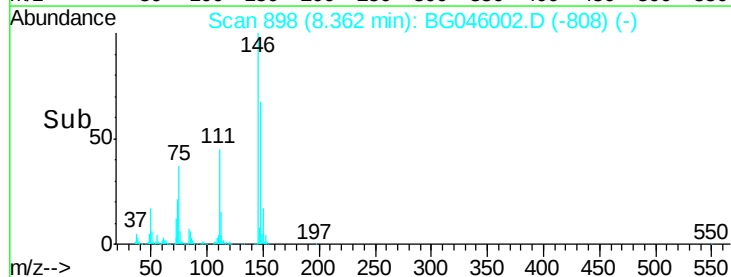
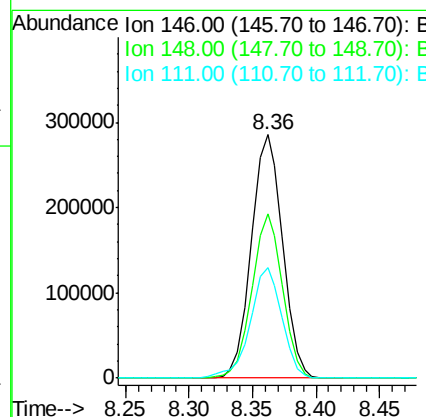
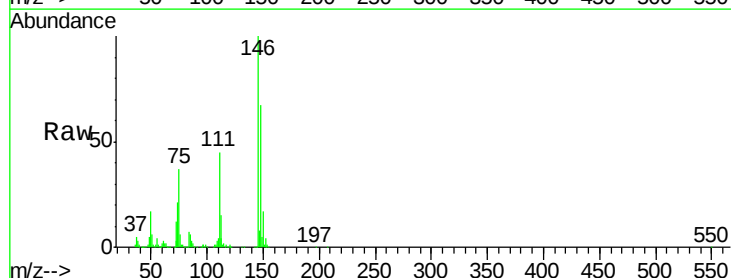
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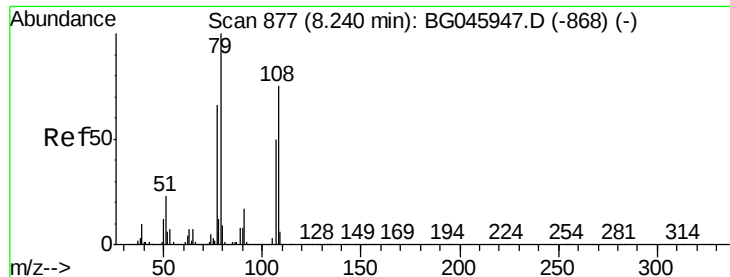
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.048 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.6	77.4
111	45.4	34.0	51.0





#15

Benzyl Alcohol

Concen: 43.417 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

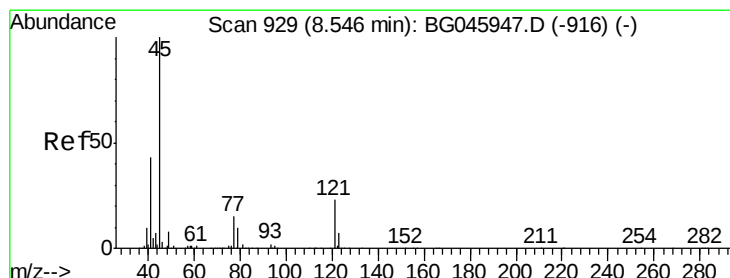
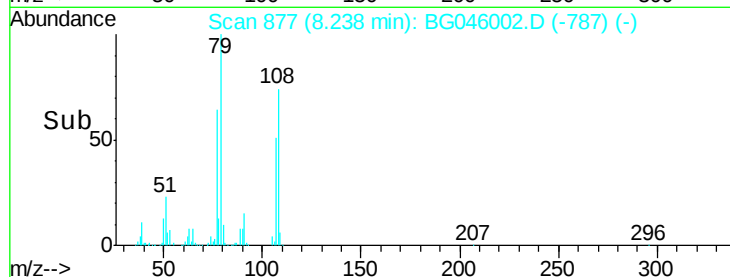
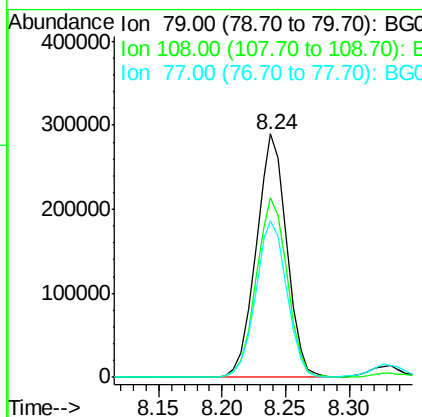
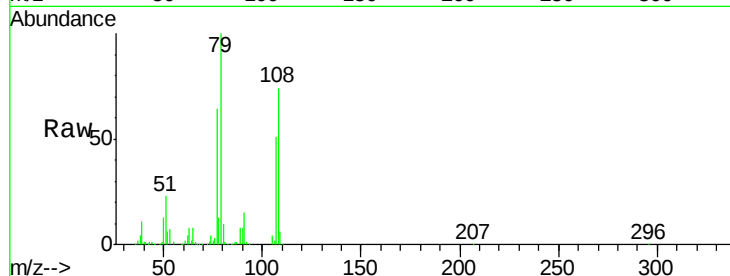
ClientSampleId :

PB130070BS

Tot Ion	79	Resp	484458
Ion	Ratio	Lower	Upper
79	100		
108	73.5	60.2	90.4
77	64.1	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.691 ng

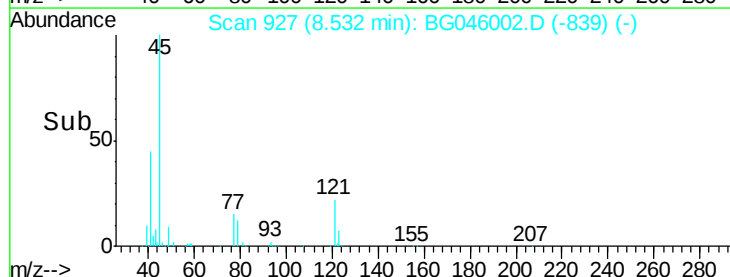
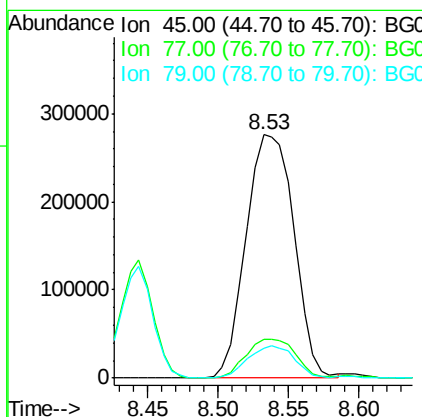
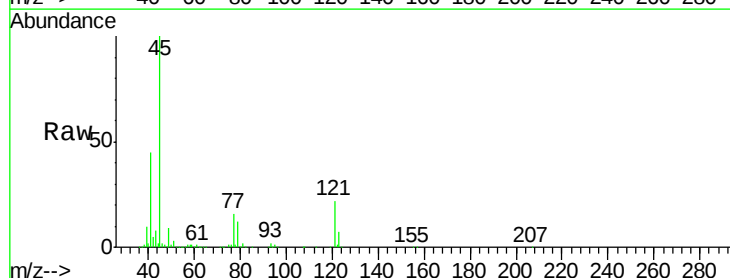
RT: 8.53 min Scan# 927

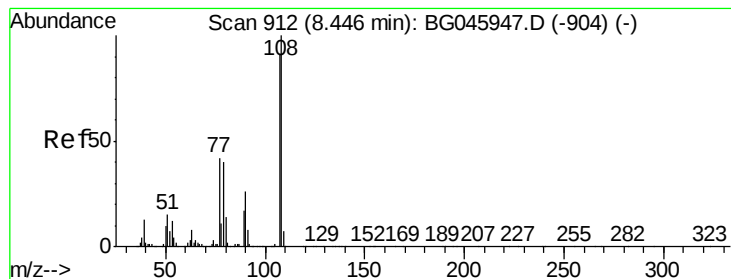
Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion	45	Resp	657512
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	37.6
79	12.2	0.0	32.6





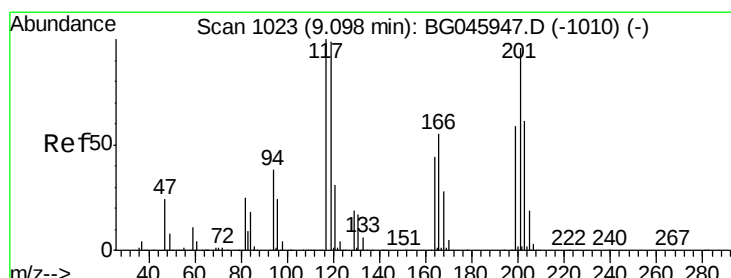
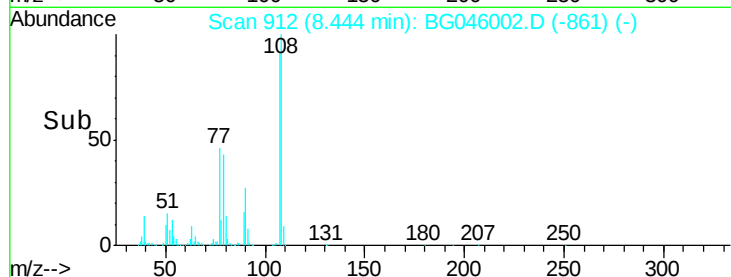
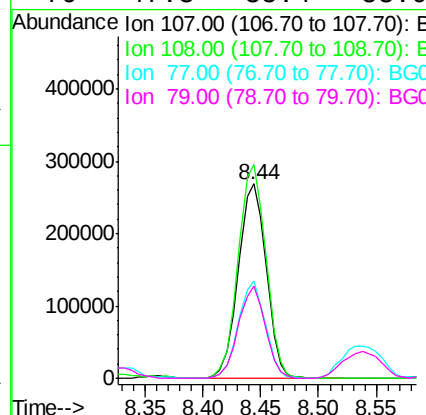
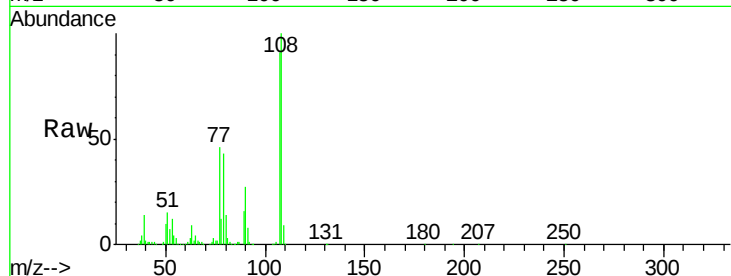
#17
2-Methylphenol
Concen: 41.777 ng
RT: 8.44 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	107	Resp	447490
Ion Ratio	Lower	Upper	
107	100		
108	110.0	88.2	132.4
77	50.1	37.0	55.4
79	47.3	35.4	53.0

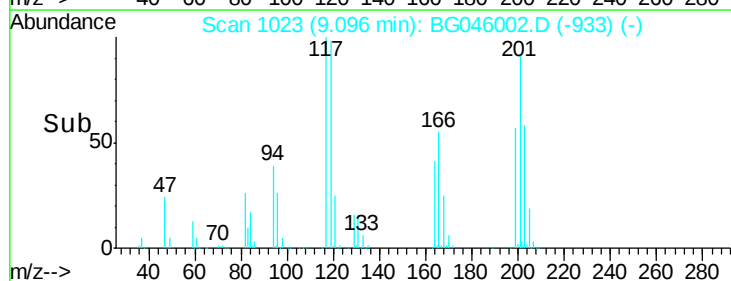
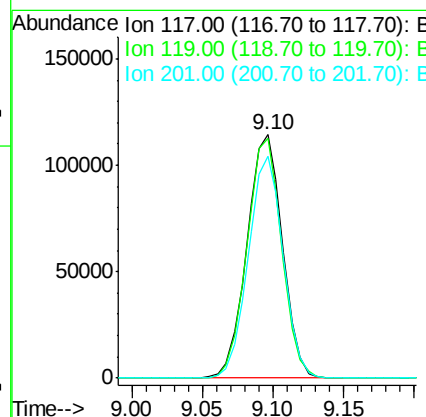
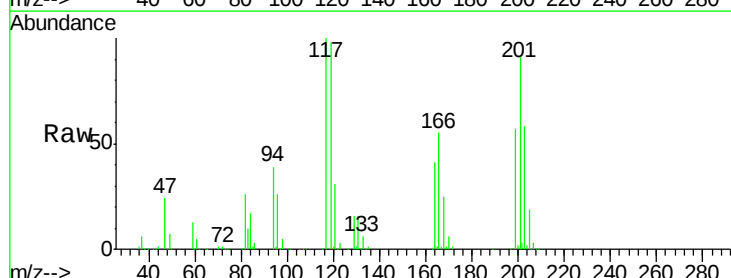
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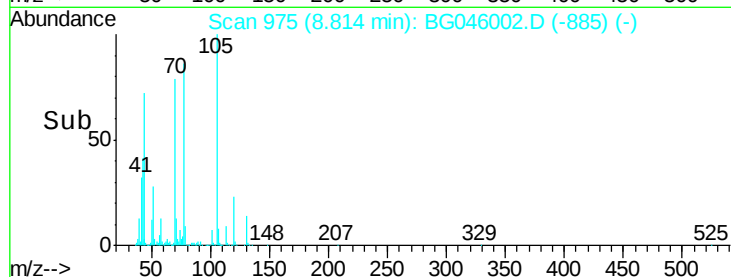
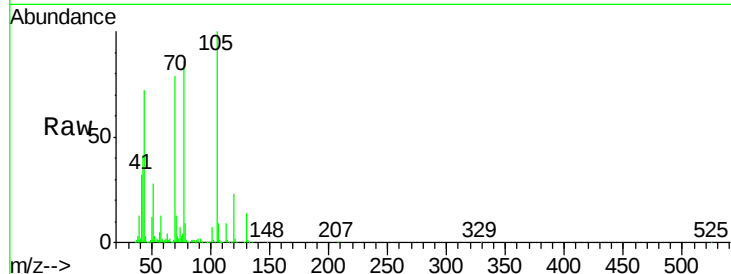
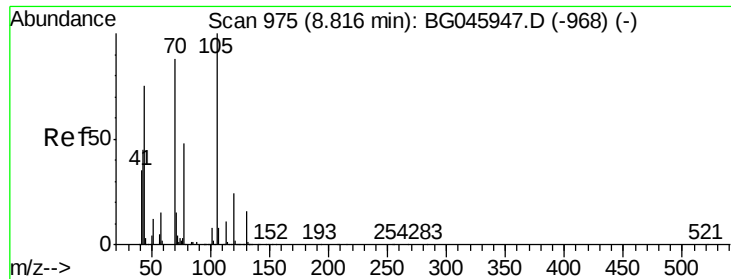
mohammad
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#18
Hexachloroethane
Concen: 43.275 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	117	Resp	200893
Ion Ratio	Lower	Upper	
117	100		
119	98.4	79.5	119.3
201	91.2	77.0	115.4





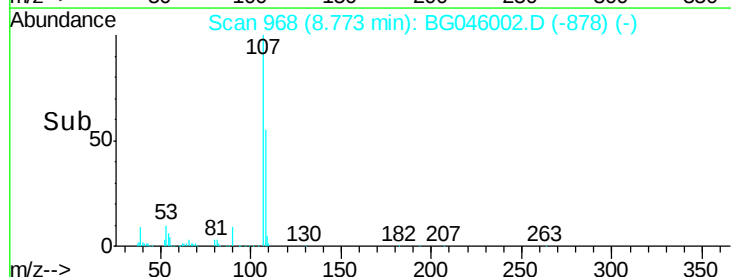
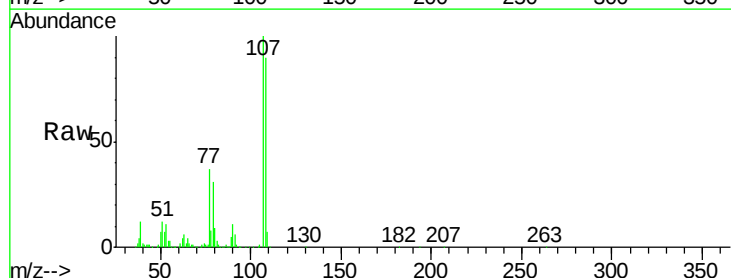
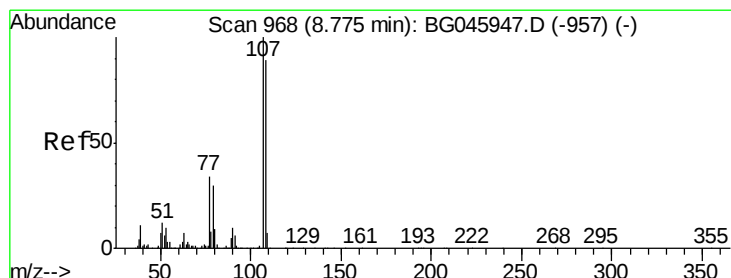
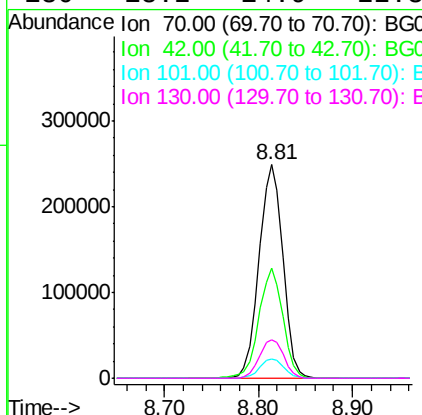
#19
n-Nitroso-di-n-propylamine
Concen: 43.644 ng
RT: 8.81 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

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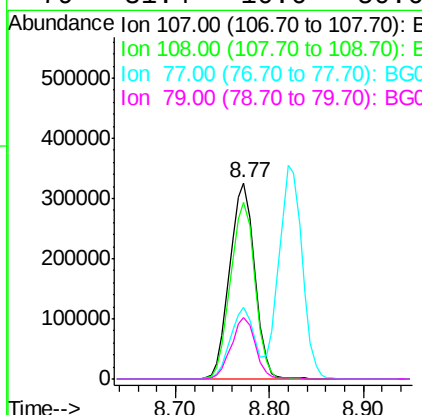
mohammad
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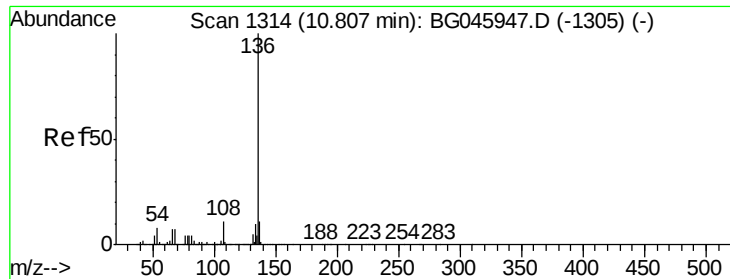
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.5	41.4	62.0	
101	9.1	7.1	10.7	
130	18.2	14.9	22.3	



#20
3+4-Methylphenols
Concen: 41.234 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	68.7	108.7	
77	36.6	14.6	54.6	
79	31.4	10.6	50.6	





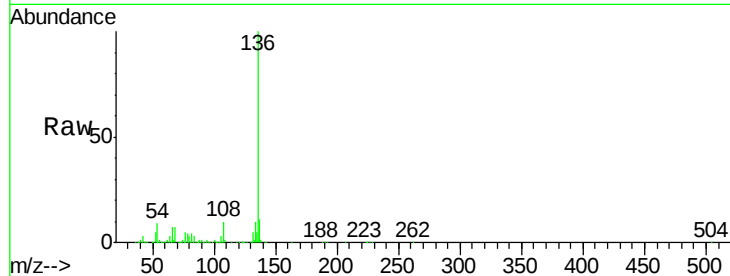
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	645042		
137	11.2		9.2	13.8
54	8.6		6.2	9.4
68	7.2		5.8	8.8

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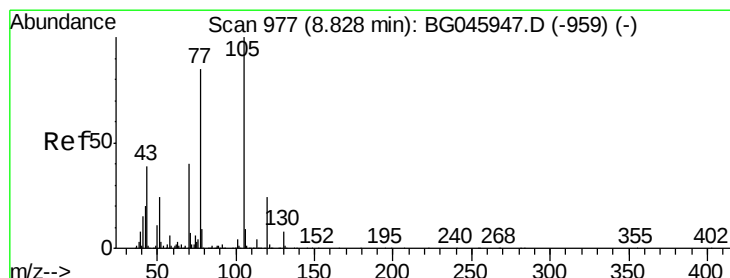
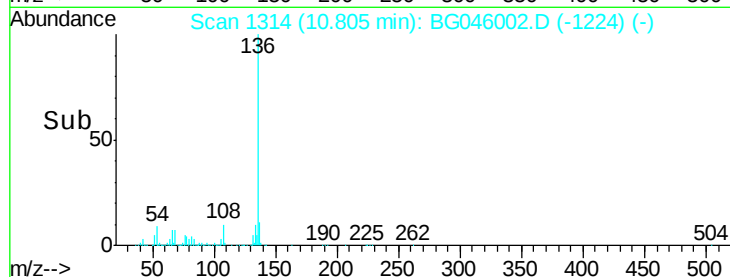
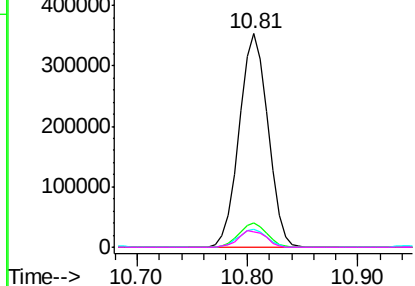
Abundance

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: 41.671 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	718093		
71	8.8		6.2	9.2
51	26.6		19.7	29.5
120	23.4		19.2	28.8

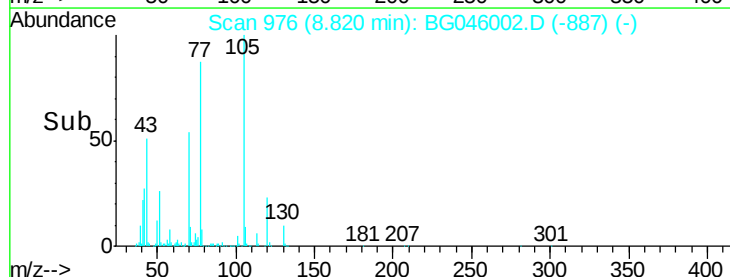
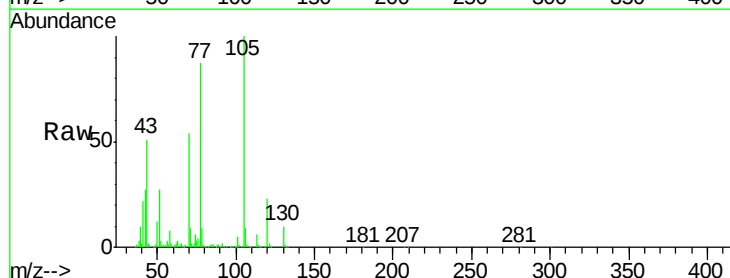
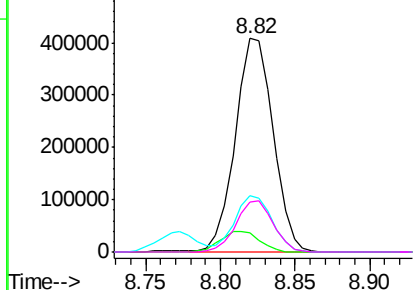
Abundance

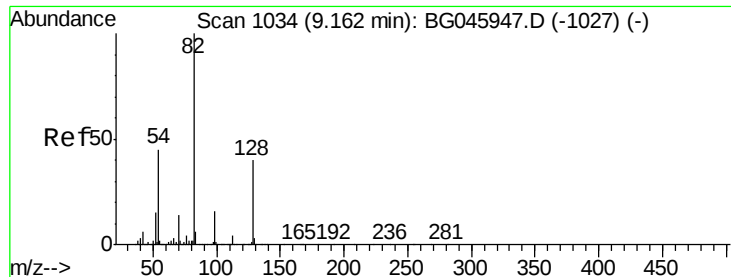
Ion 105.00 (104.70 to 105.70): E

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





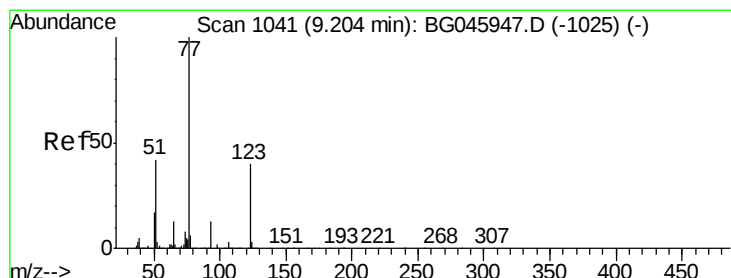
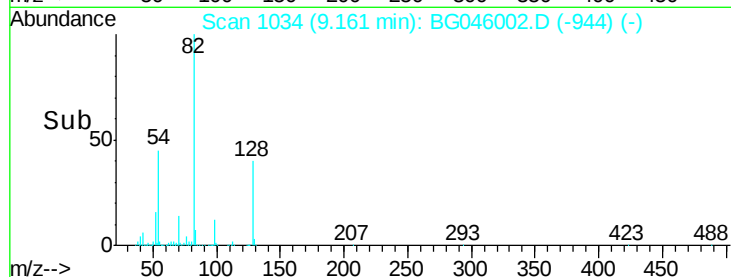
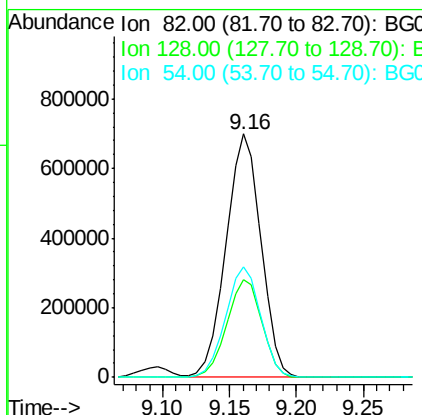
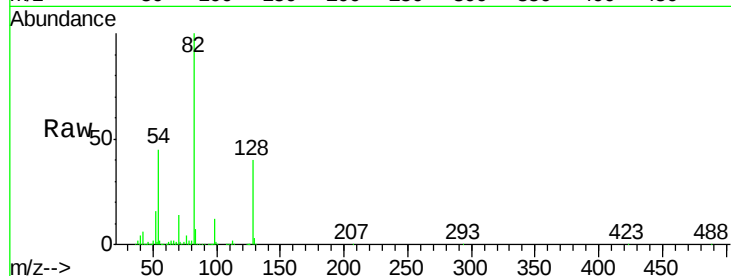
#23
Nitrobenzene-d5
Concen: 113.549 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.4
54	45.2	35.8	53.6

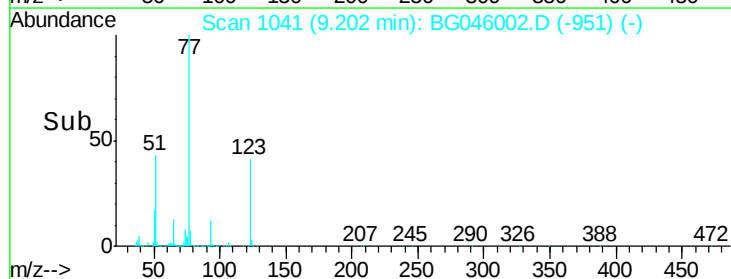
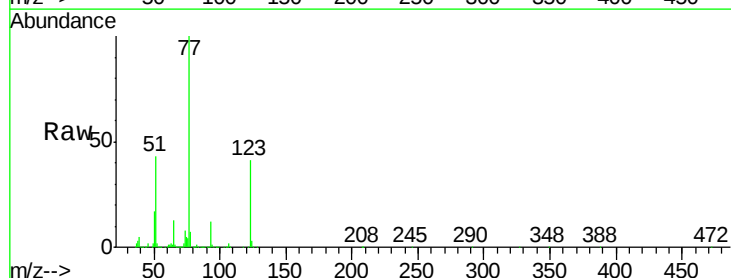
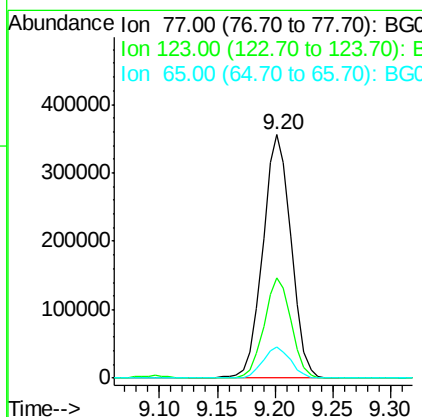
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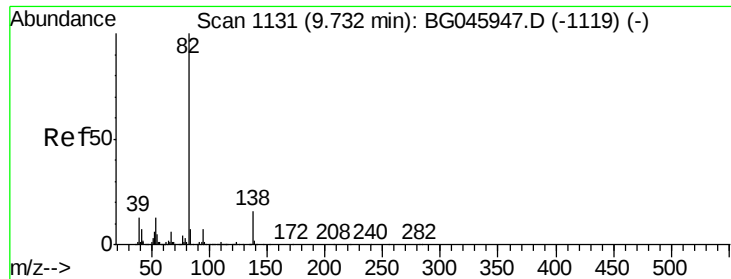
mohammad
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#24
Nitrobenzene
Concen: 49.153 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	32.7	49.1
65	12.9	10.2	15.4





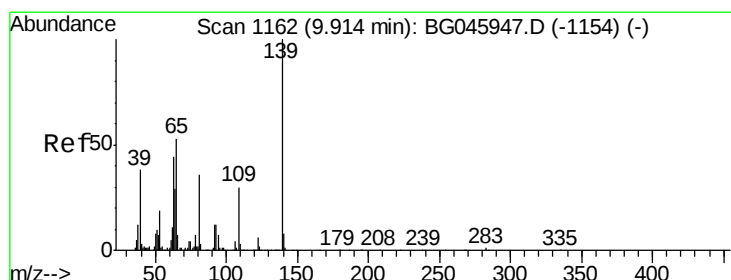
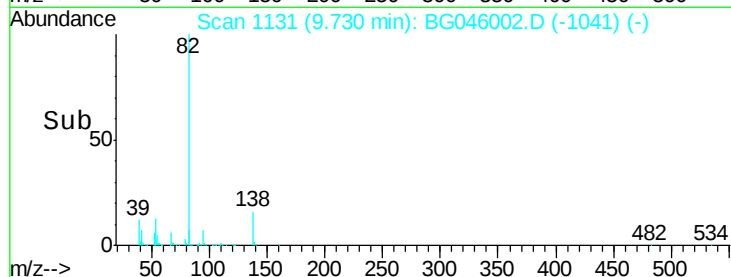
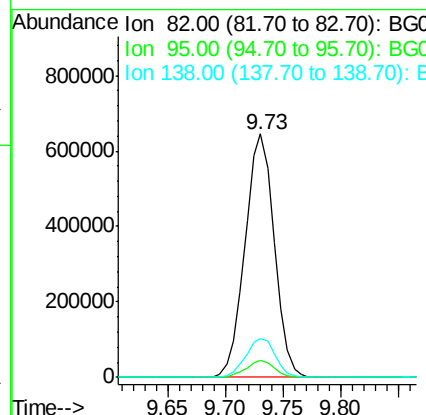
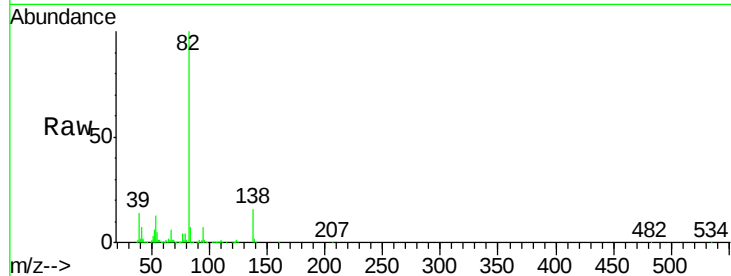
#25
Isophorone
Concen: 41.459 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	82	Resp	1134265
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	16.1	12.9	19.3

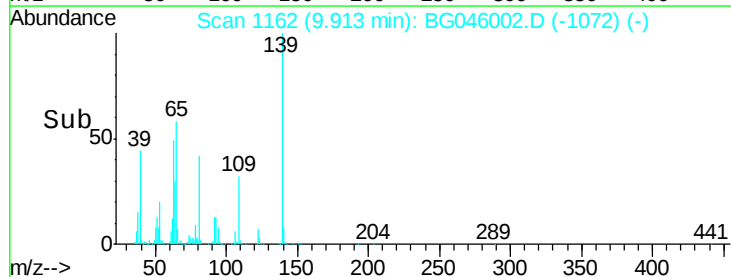
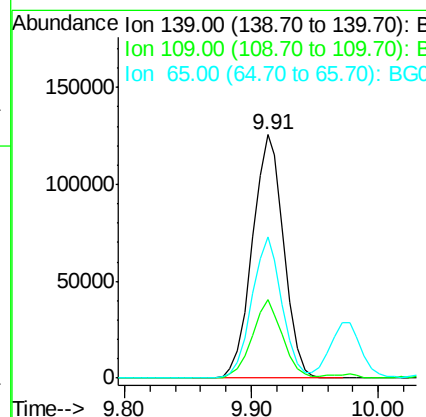
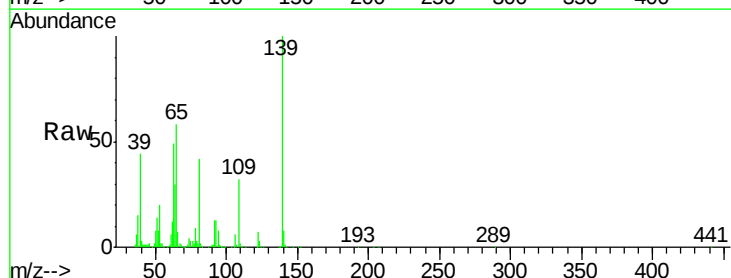
Manual Integrations
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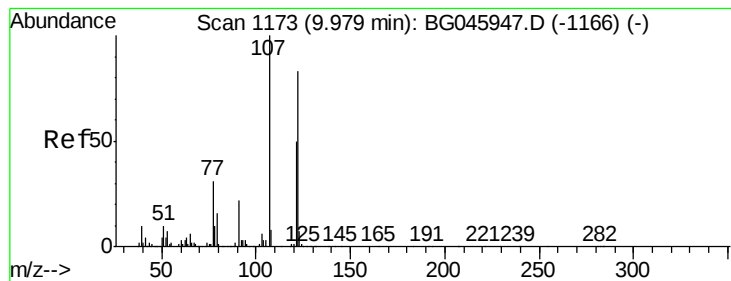
mohammad
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#26
2-Nitrophenol
Concen: 53.438 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	139	Resp	215447
Ion	Ratio	Lower	Upper
139	100		
109	32.4	24.6	37.0
65	57.8	42.6	64.0





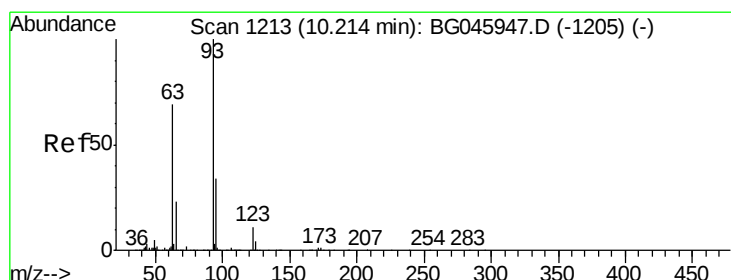
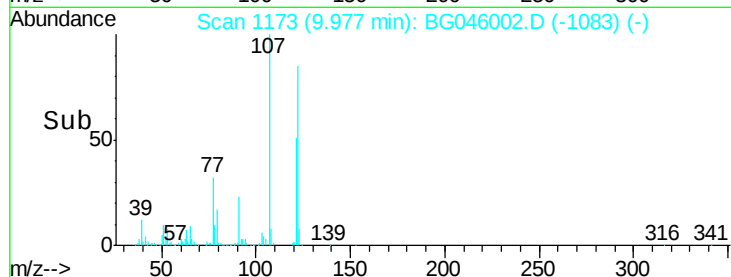
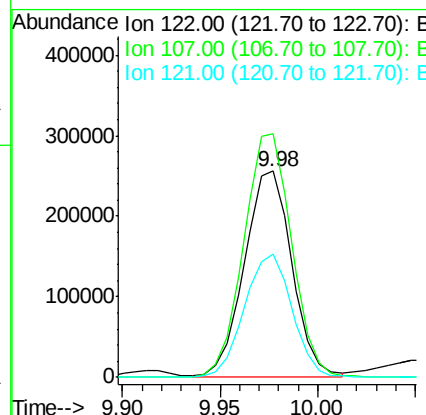
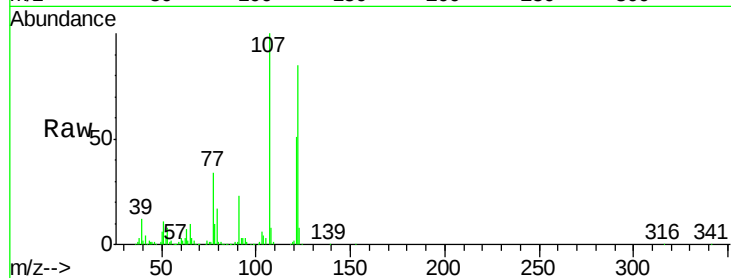
#27
2,4-Dimethylphenol
Concen: 44.216 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	430579		
107	118.1	95.6	143.4	
121	59.9	47.7	71.5	

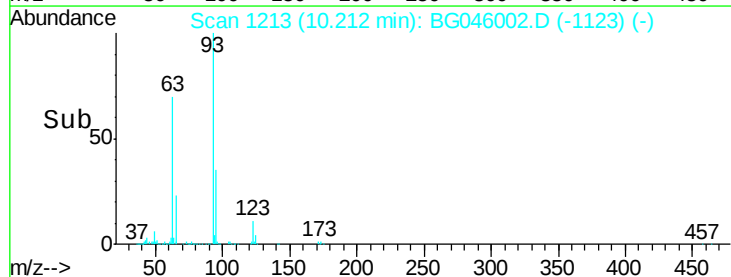
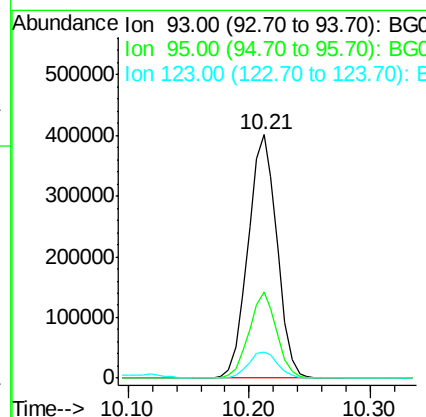
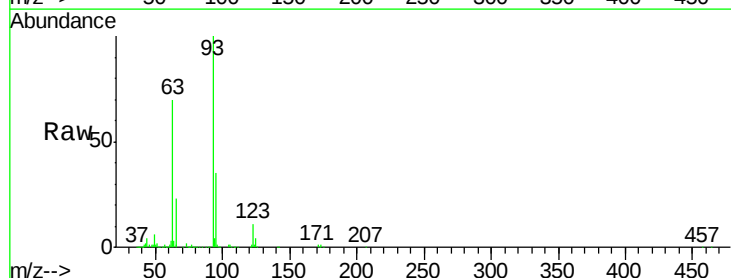
Manual Integrations
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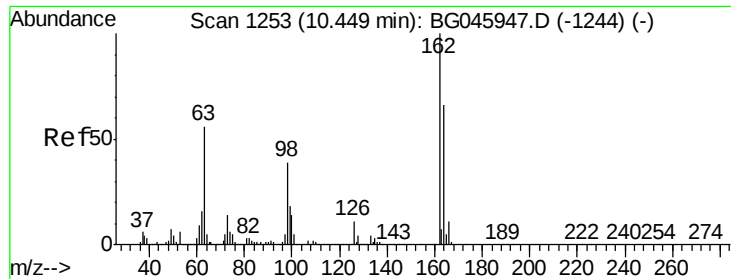
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#28
bis(2-Chloroethoxy)methane
Concen: 43.350 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	665989		
95	35.5	27.5	41.3	
123	10.9	9.2	13.8	





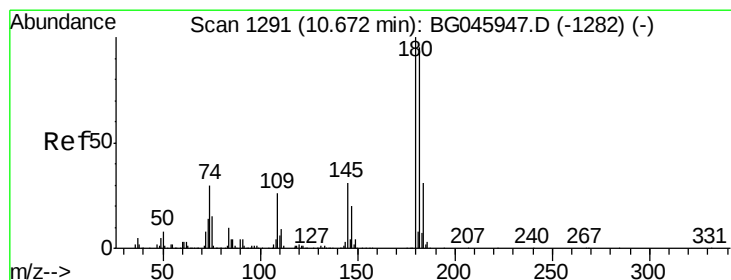
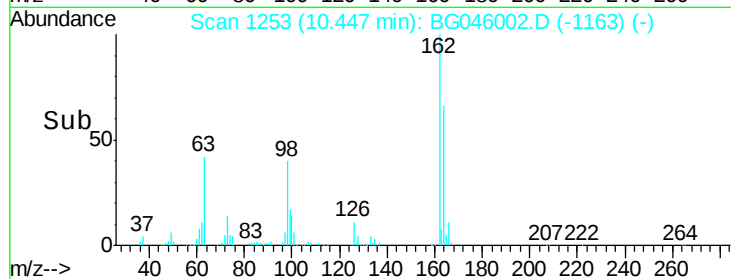
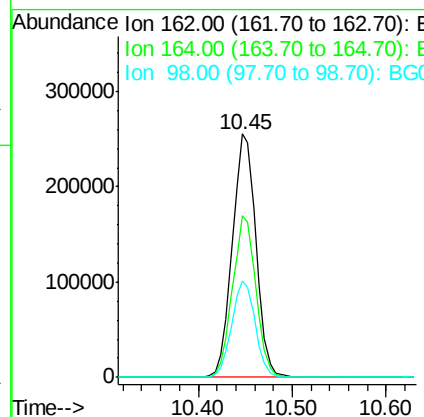
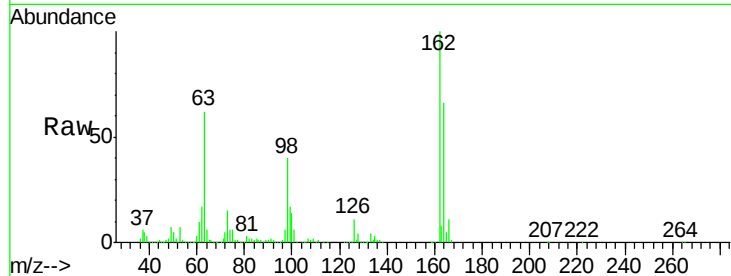
#29
 2,4-Dichlorophenol
 Concen: 44.187 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	445439		
164	66.4	46.0	86.0	
98	39.8	19.2	59.2	

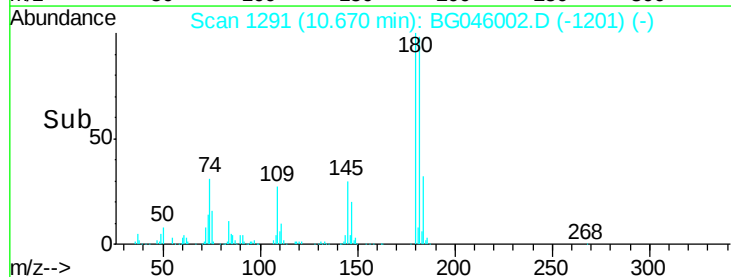
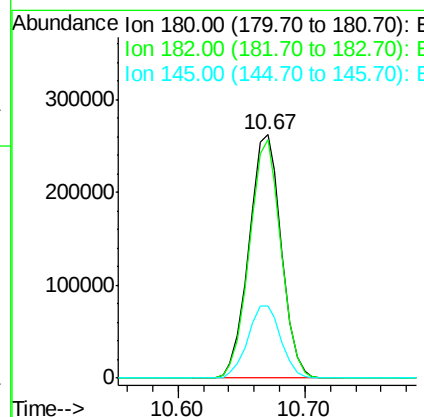
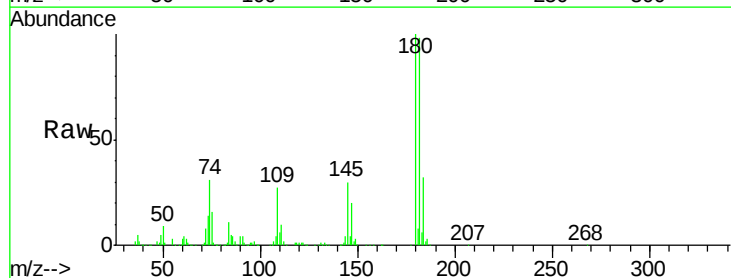
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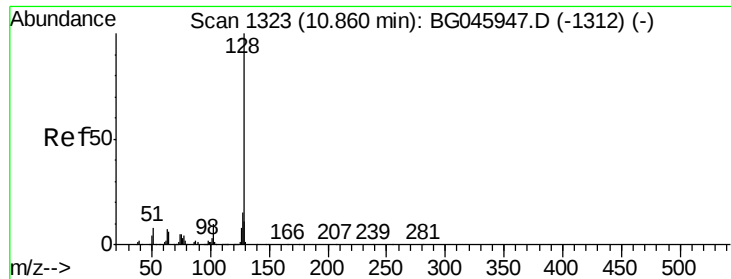
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.420 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	462641		
182	97.8	76.3	114.5	
145	29.8	24.8	37.2	





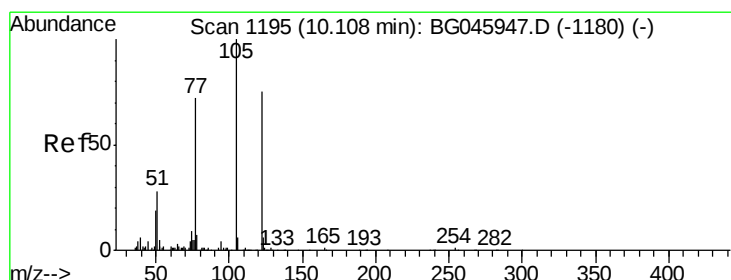
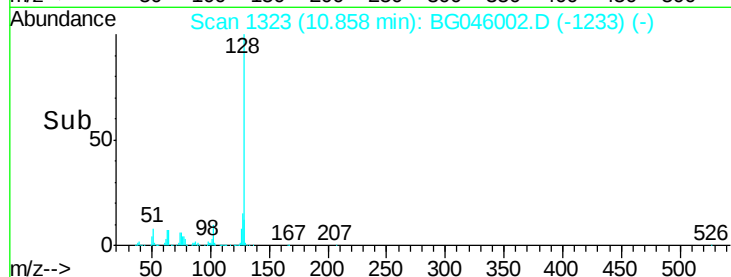
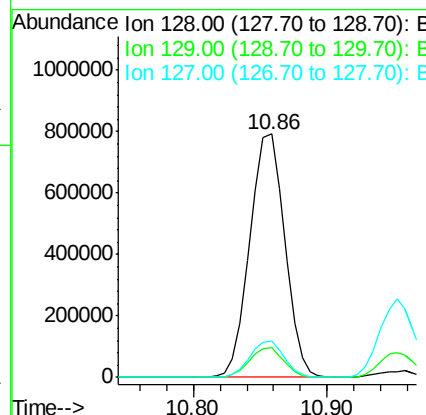
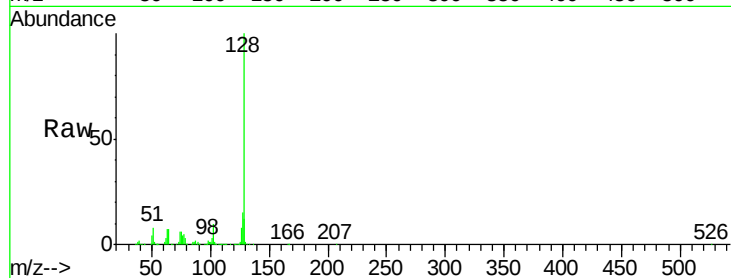
#31
Naphthalene
Concen: 41.536 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	15.0	11.8	17.6

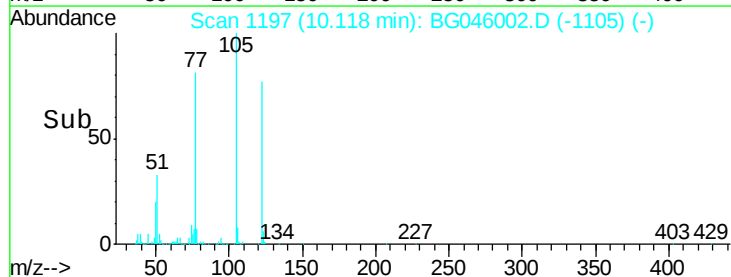
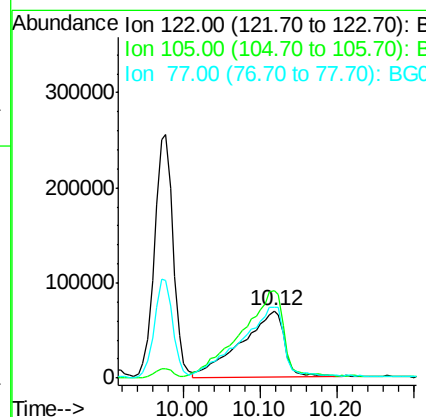
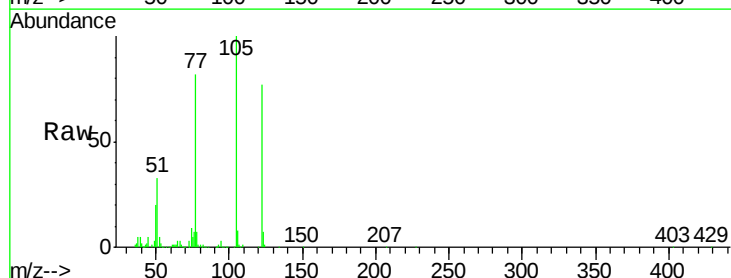
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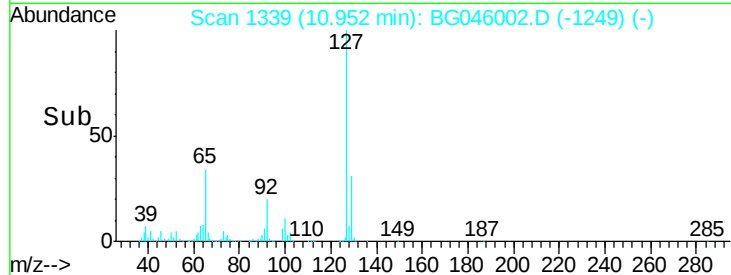
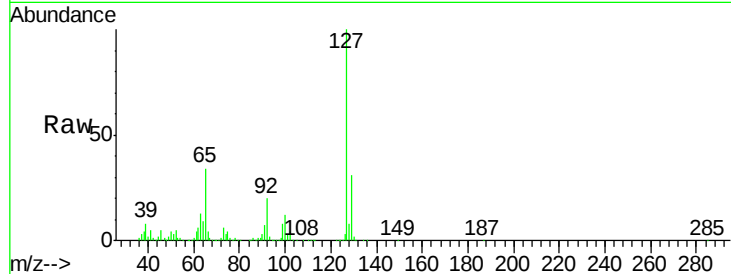
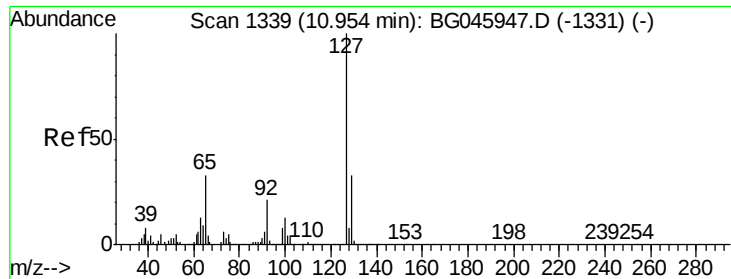
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#32
Benzoic acid
Concen: 45.800 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	110.8	150.8
77	105.8	76.4	116.4





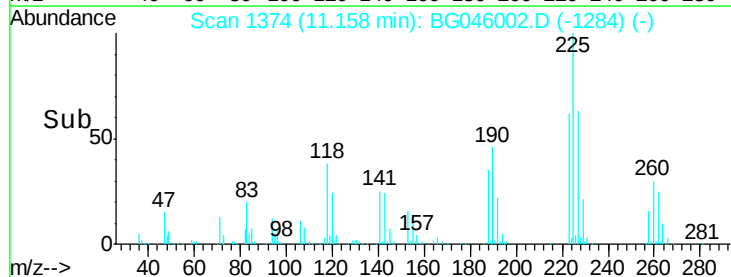
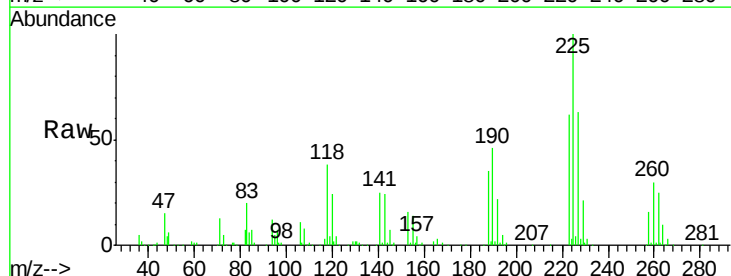
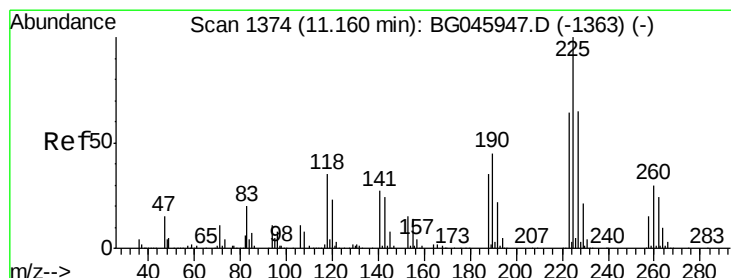
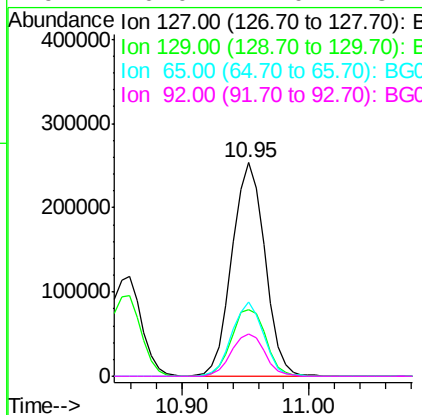
#33
4-Chloroaniline
Concen: 29.454 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.6	39.8	
65	34.5	26.8	40.2	
92	20.0	17.0	25.4	

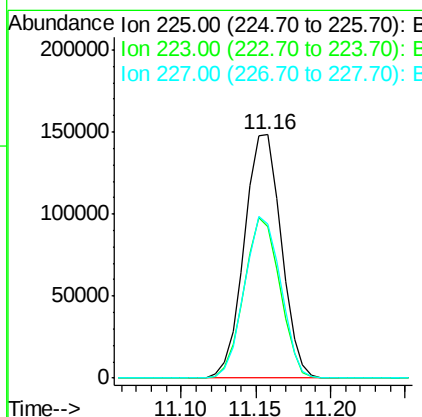
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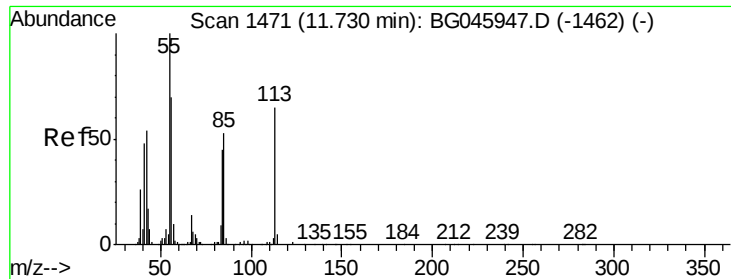
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#34
Hexachlorobutadiene
Concen: 38.955 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	51.2	76.8	
227	63.2	52.3	78.5	





#35

Caprolactam

Concen: 43.381 ng/ml

RT: 11.73 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

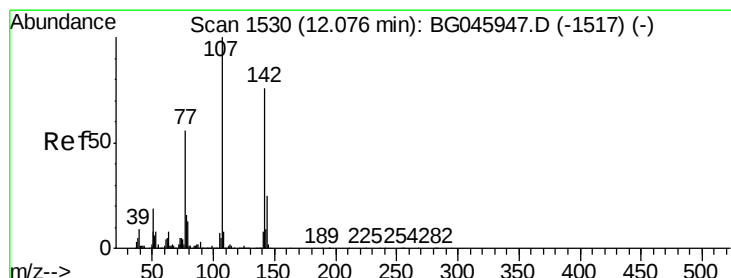
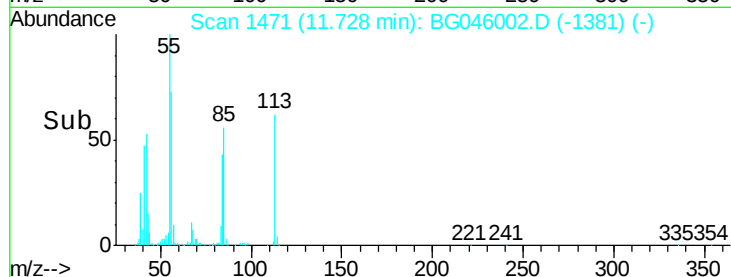
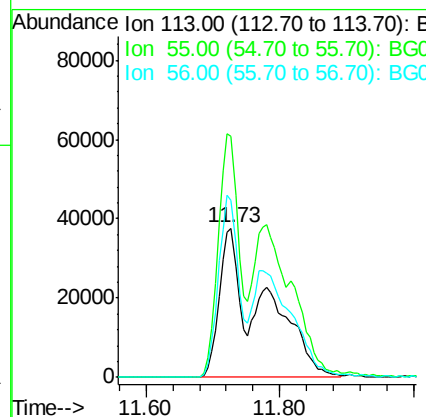
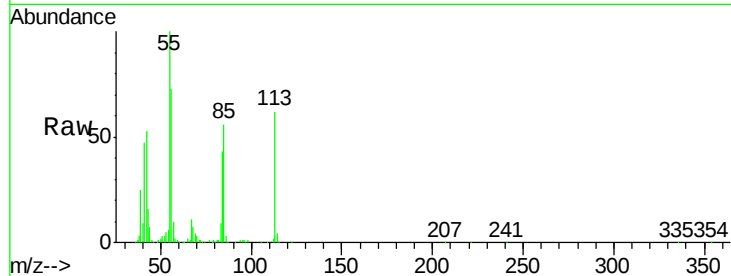
ClientSampleId :

PB130070BS

Tot Ion:	113	Resp:	166038
Ion Ratio	Lower	Upper	
113	100		
55	161.3	141.6	181.6
56	118.0	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 44.449 ng/ml

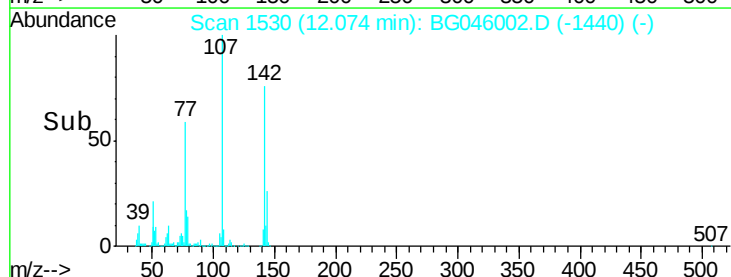
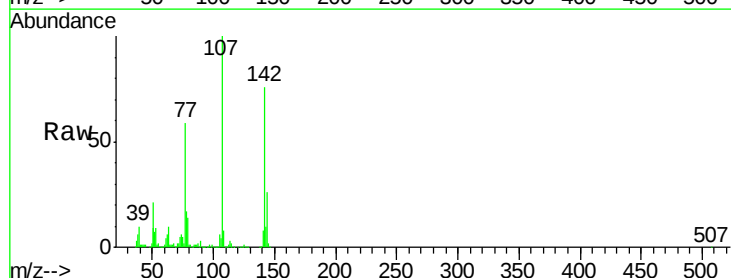
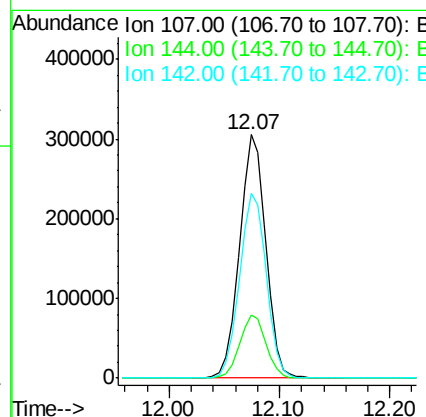
RT: 12.07 min Scan# 1530

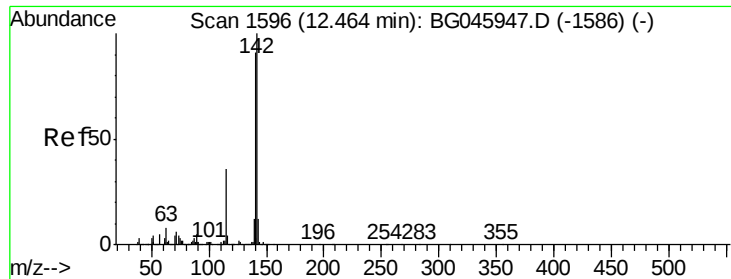
Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:	107	Resp:	510344
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.0	30.0
142	76.1	61.1	91.7





#37

2-Methylnaphthalene

Concen: 42.546 ng

RT: 12.46 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:142 Resp: 1045834

Ion Ratio Lower Upper

142 100

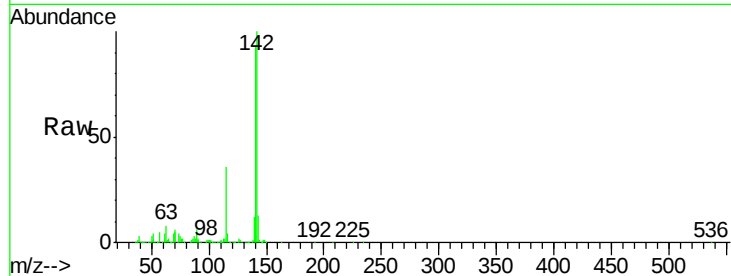
141 92.7 73.0 109.6

115 35.9 28.8 43.2

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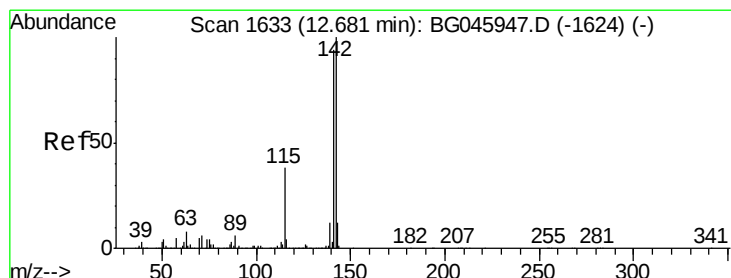
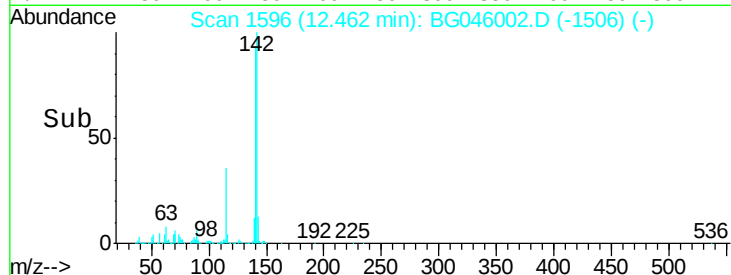
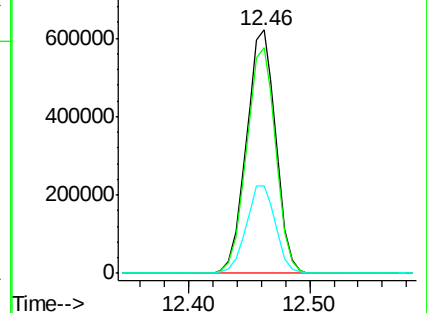
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.084 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

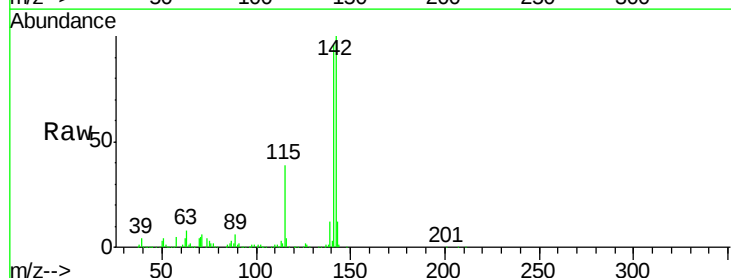
Tgt Ion:142 Resp: 999481

Ion Ratio Lower Upper

142 100

141 95.6 75.2 112.8

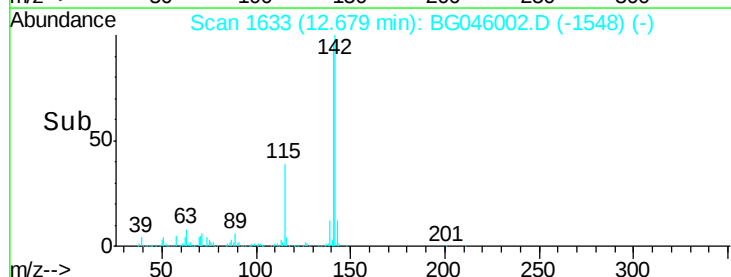
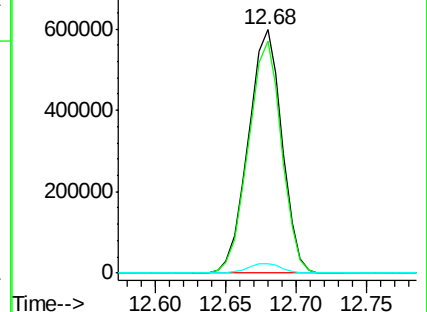
116 3.9 3.1 4.7

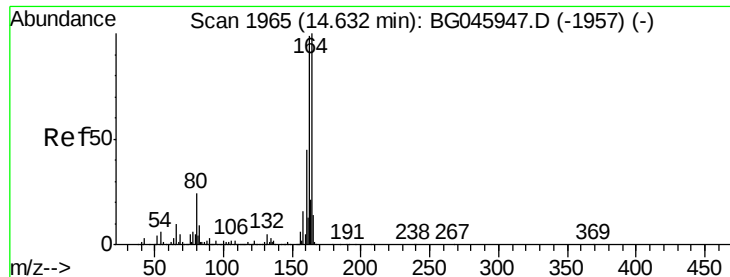


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

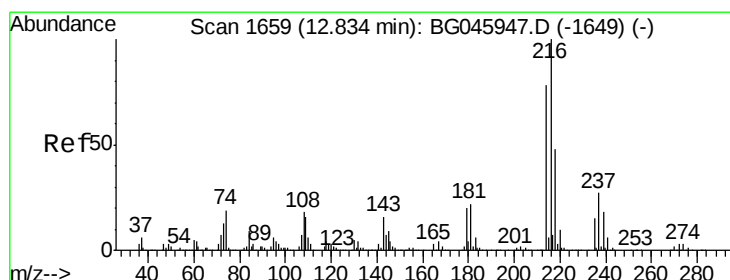
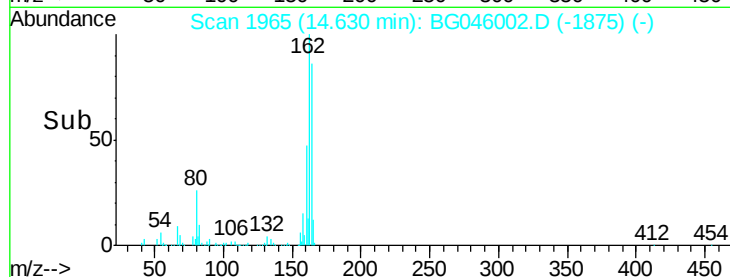
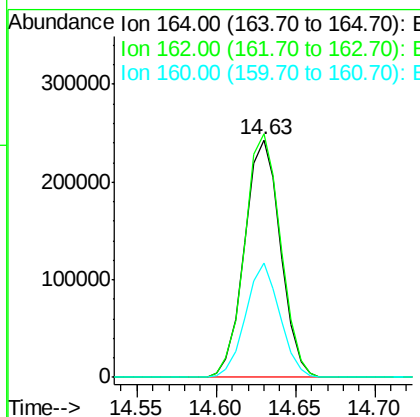
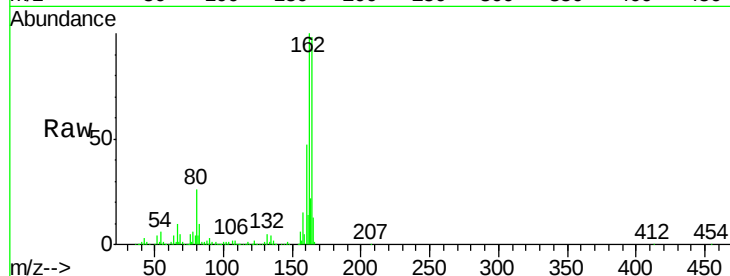
ClientSampleId :

PB130070BS

Tot Ion:	164	Resp:	382596
Ion Ratio	Lower	Upper	
164	100		
162	102.5	79.3	118.9
160	48.3	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.665 ng

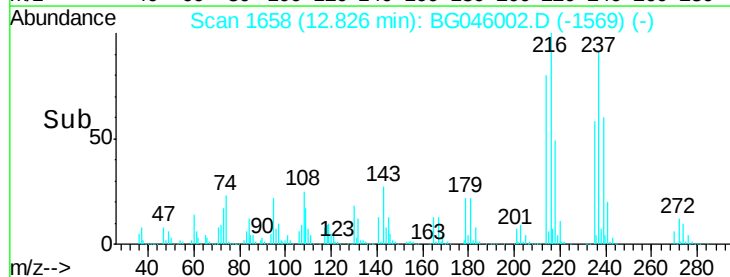
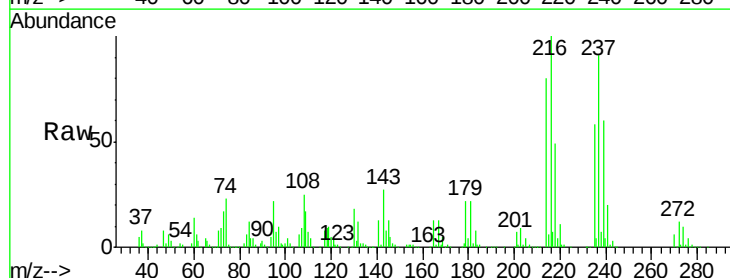
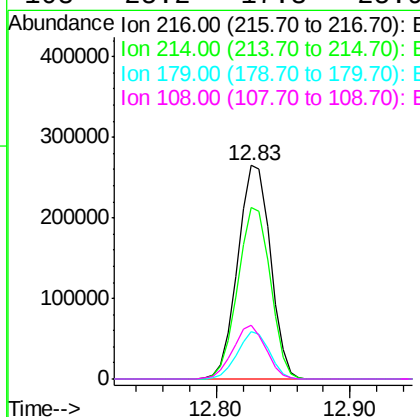
RT: 12.83 min Scan# 1658

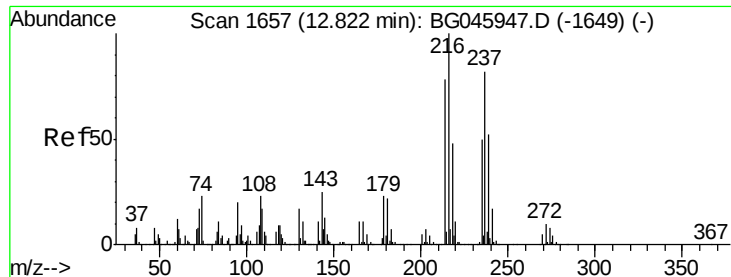
Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Tgt Ion:	216	Resp:	449362
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.4
179	21.6	17.0	25.6
108	25.2	17.3	25.9





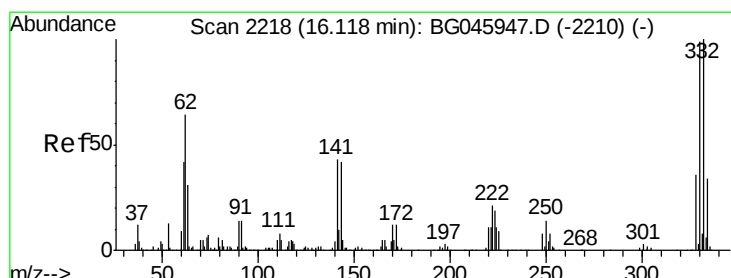
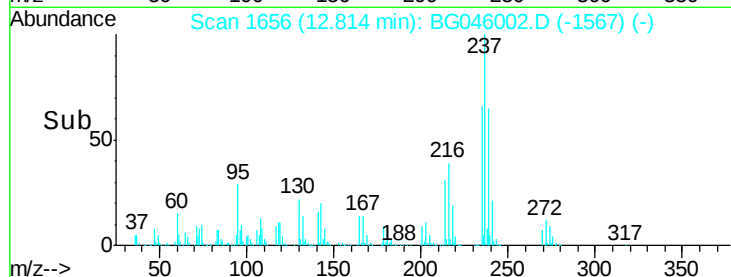
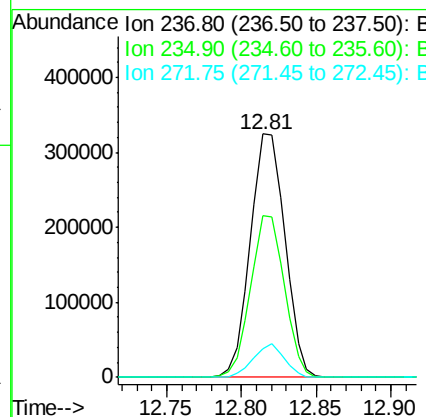
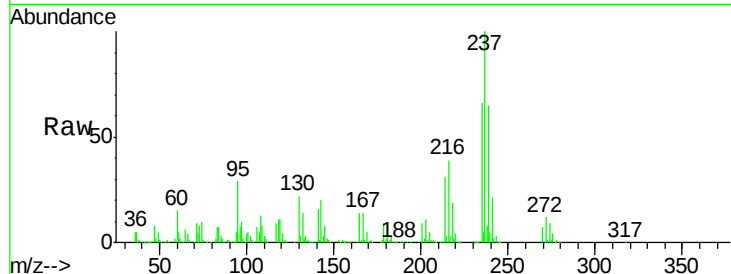
#41
Hexachlorocyclopentadiene
Concen: 81.391 ng
RT: 12.81 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	66.4	41.5	81.5
272	12.0	0.0	31.7

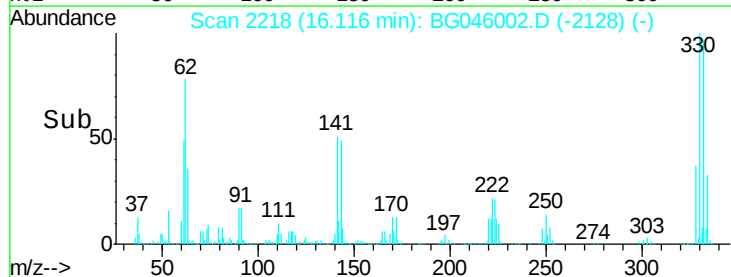
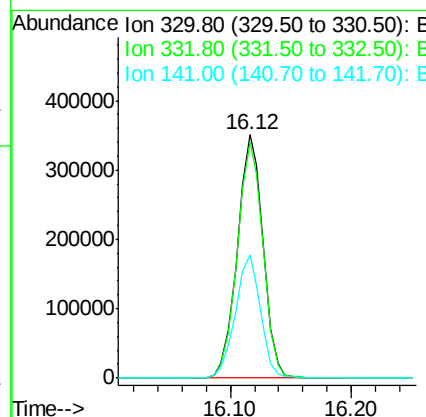
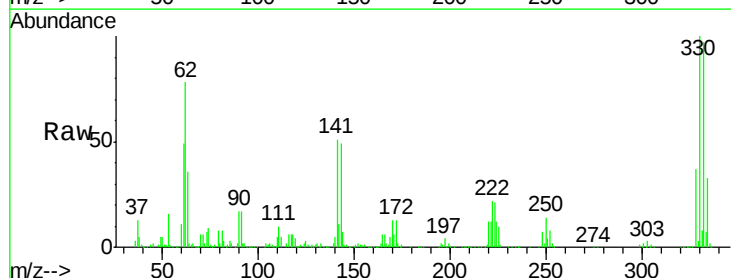
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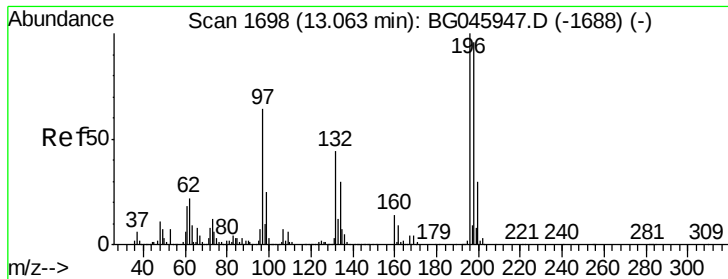
mohammad
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#42
2,4,6-Tribromophenol
Concen: 146.045 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	78.3	117.5
141	49.7	36.6	54.8





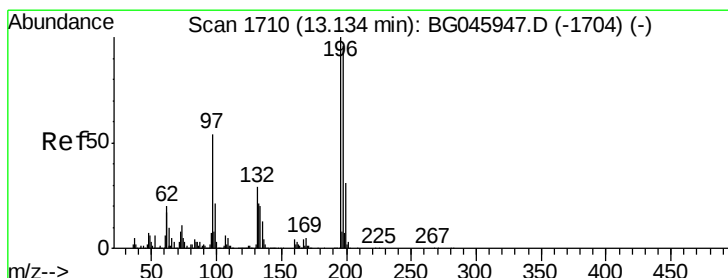
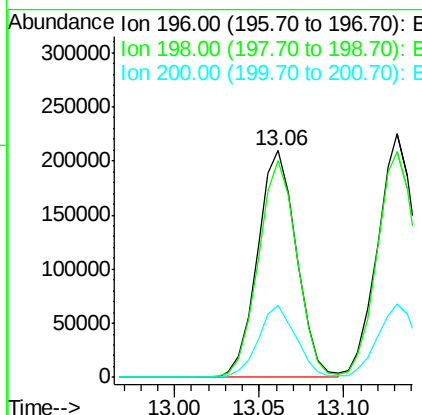
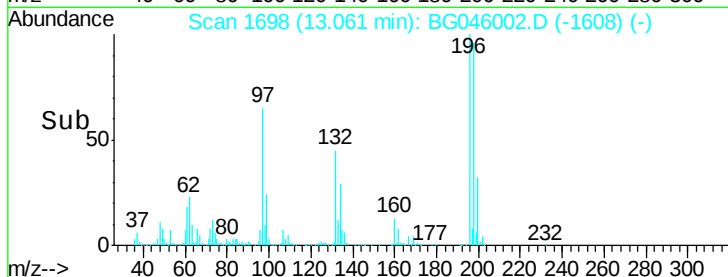
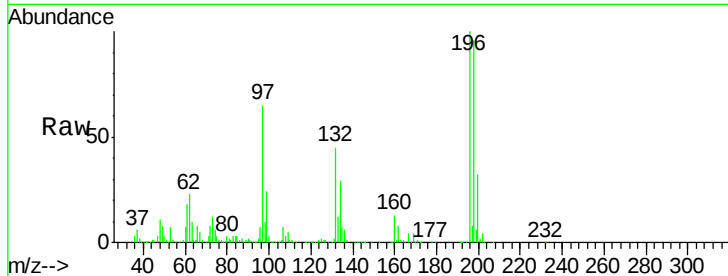
#43
 2,4,6-Trichlorophenol
 Concen: 45.639 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	332886		
198	95.6	76.7	115.1	
200	31.9	24.3	36.5	

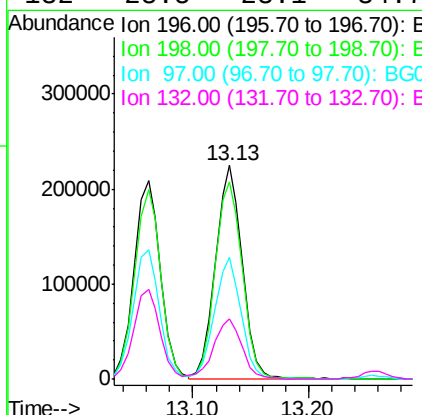
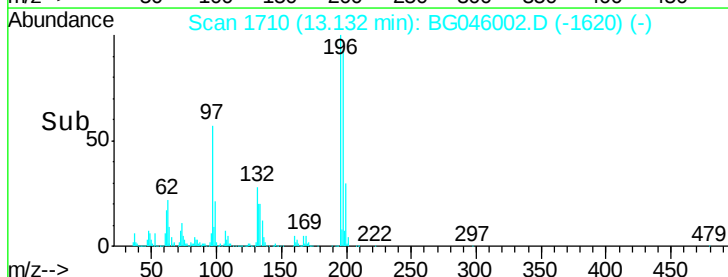
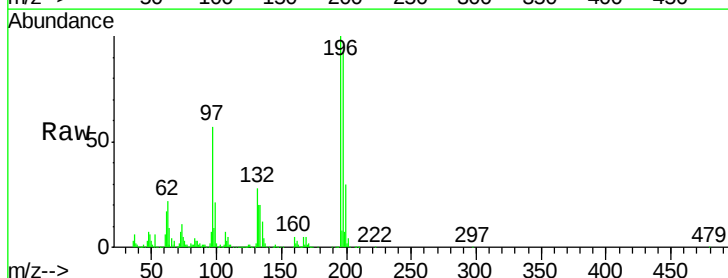
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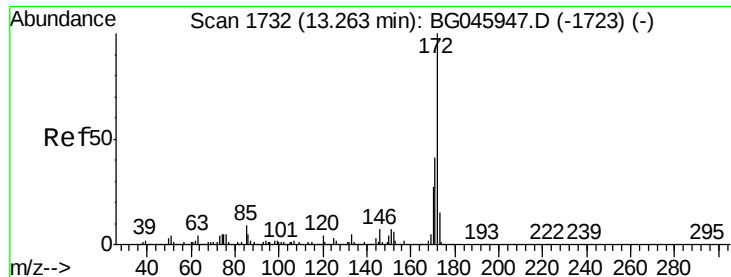
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.297 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	357071		
198	92.5	77.0	115.6	
97	57.0	44.3	66.5	
132	28.5	23.1	34.7	





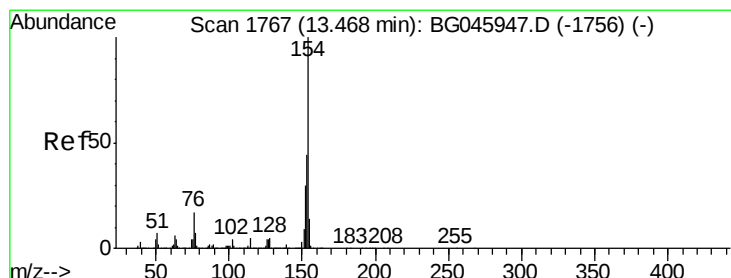
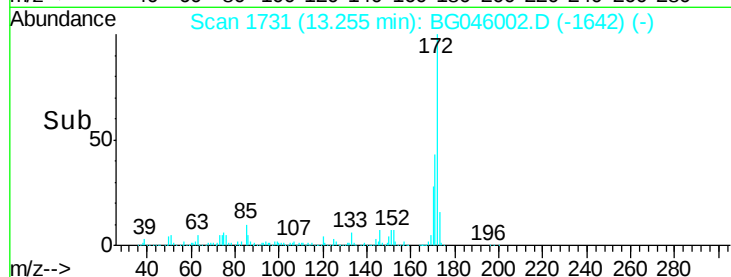
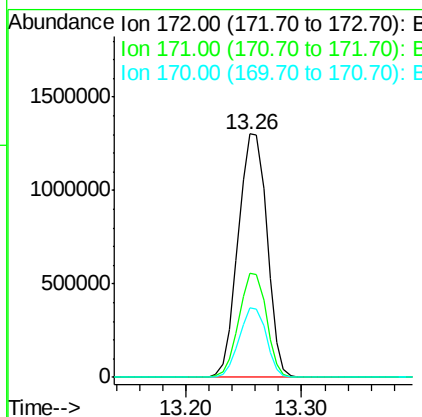
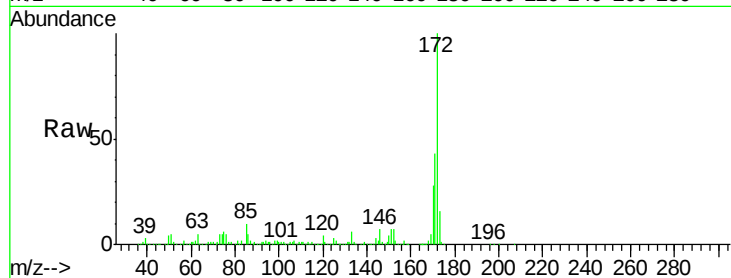
#45
2-Fluorobiphenyl
Concen: 91.968 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.6	32.9	49.3
170	28.4	21.8	32.6

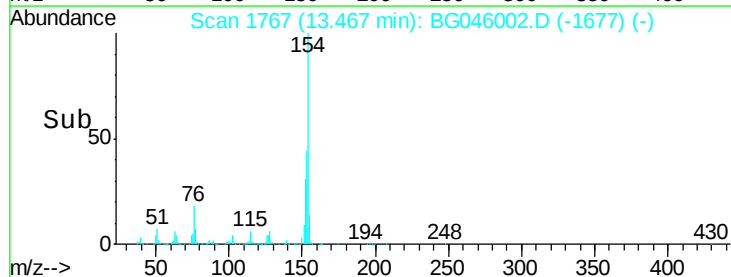
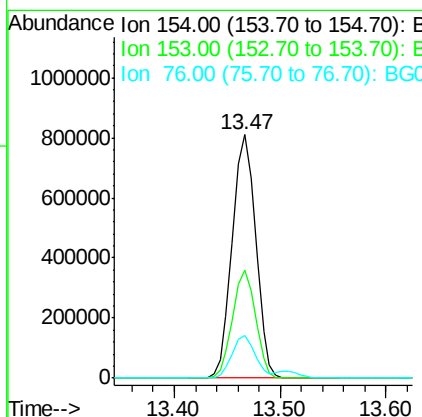
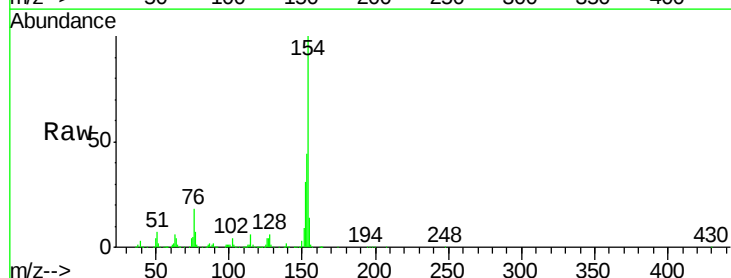
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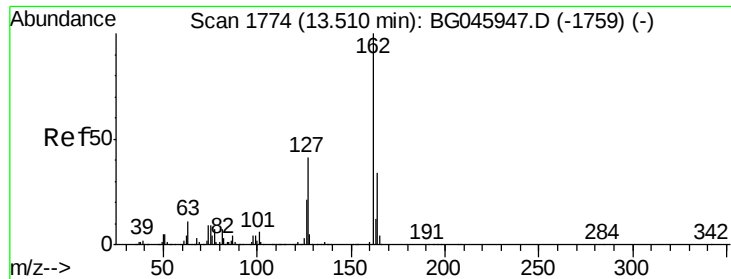
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#46
1,1'-Biphenyl
Concen: 43.191 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.6	63.6
76	17.6	0.0	36.9





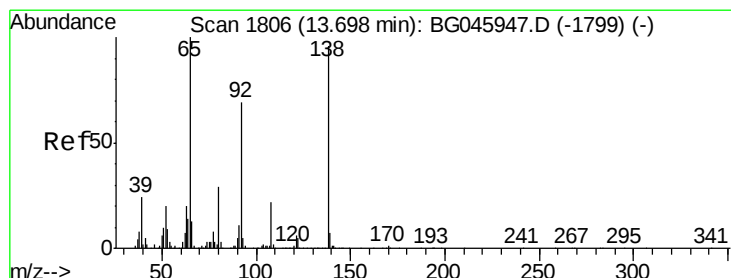
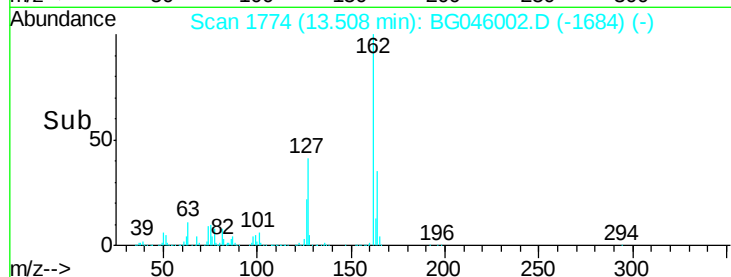
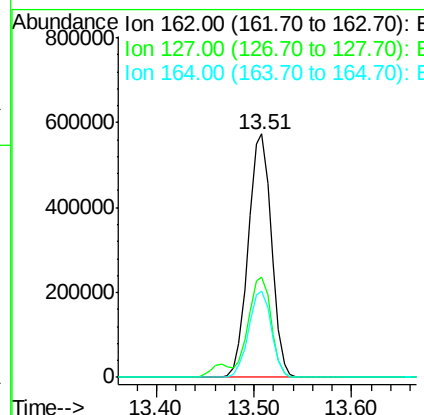
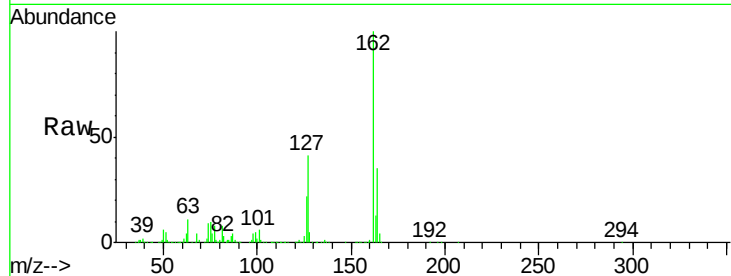
#47
 2-Chloronaphthalene
 Concen: 41.950 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	952633		
127	41.2		32.5	48.7
164	35.3		27.2	40.8

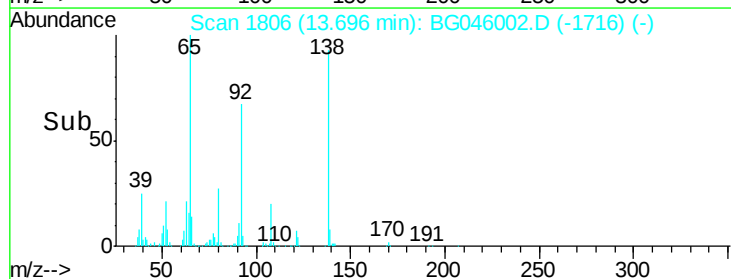
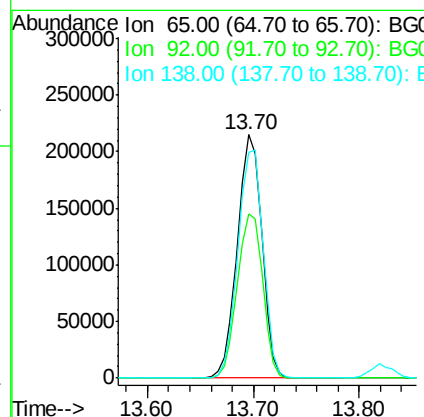
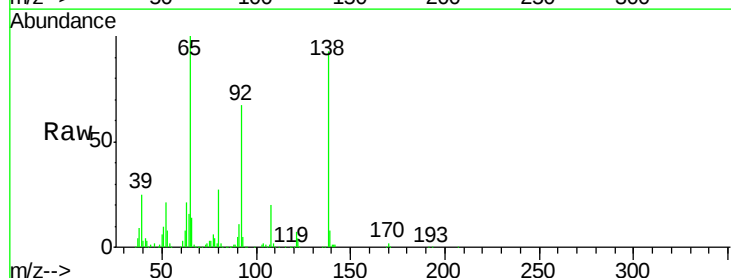
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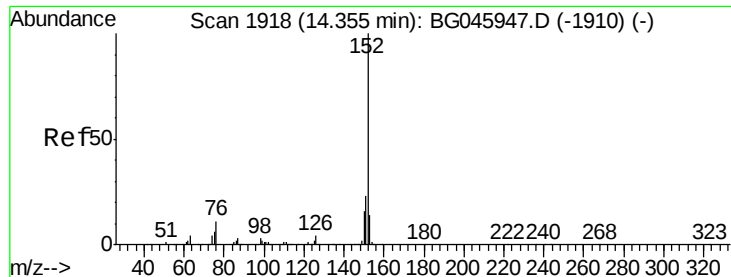
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#48
 2-Nitroaniline
 Concen: 53.729 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	344802		
92	67.3		55.4	83.0
138	92.8		77.0	115.4





#49

Acenaphthylene

Concen: 42.002 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:152 Resp: 1538894

Ion Ratio Lower Upper

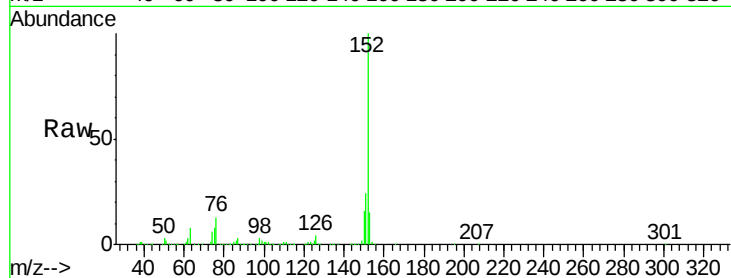
152 100

151 23.9 18.1 27.1

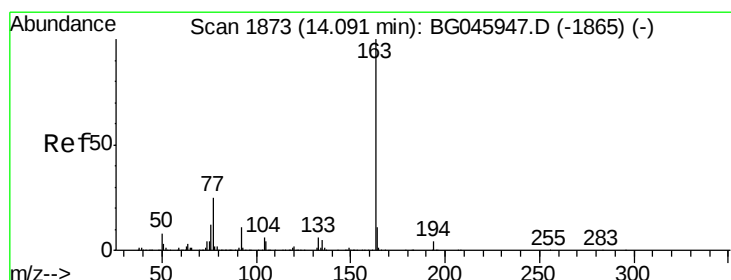
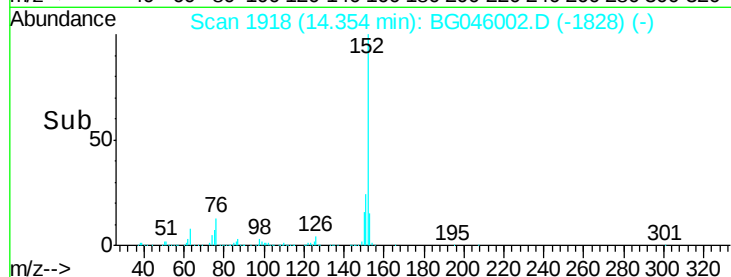
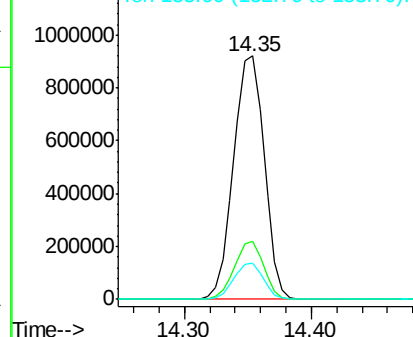
153 14.7 11.5 17.3

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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: 41.741 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

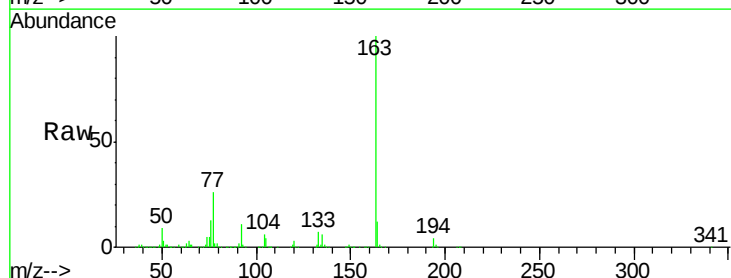
Tgt Ion:163 Resp: 1198513

Ion Ratio Lower Upper

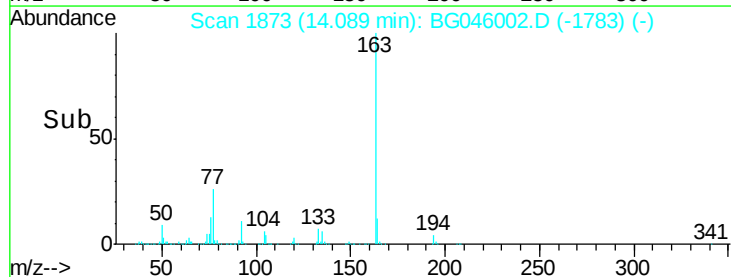
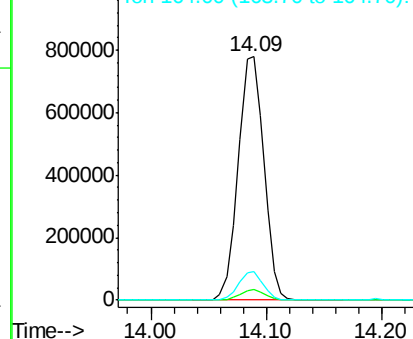
163 100

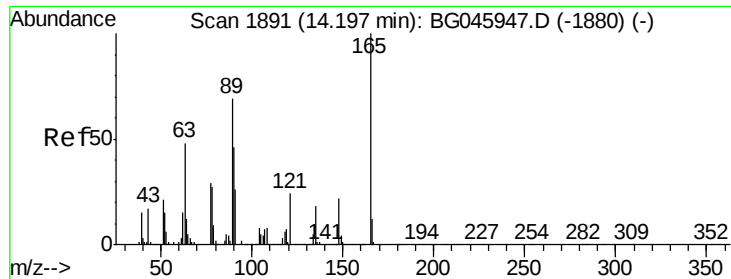
194 4.4 3.6 5.4

164 11.6 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





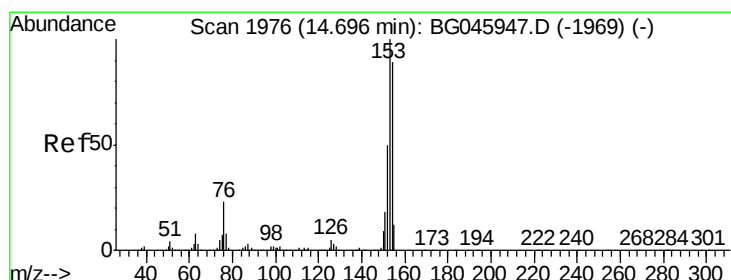
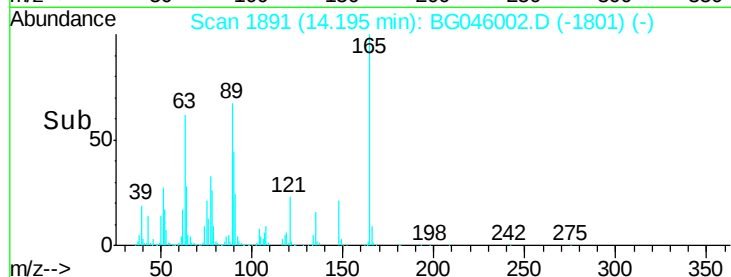
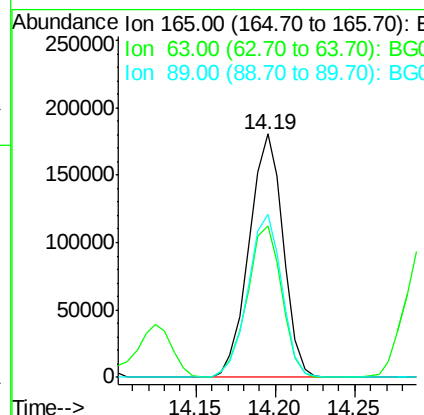
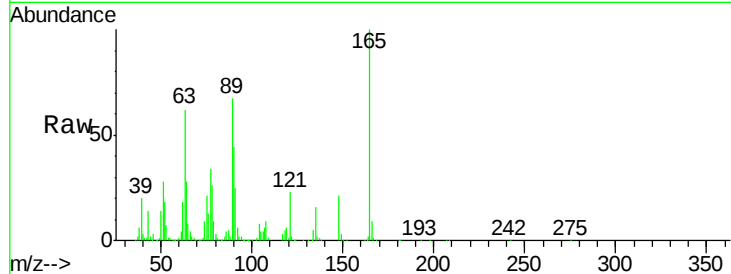
#51
2,6-Dinitrotoluene
Concen: 51.967 ng
RT: 14.19 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	268391		
63	62.3	51.0	76.4	
89	67.1	55.7	83.5	

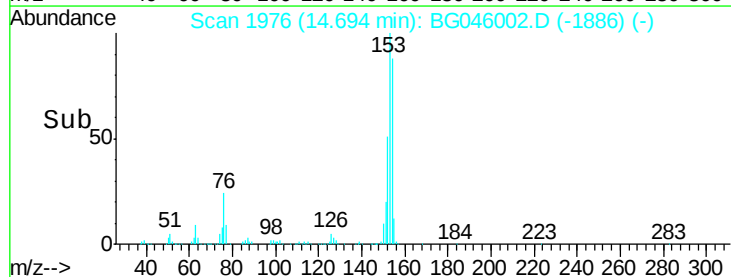
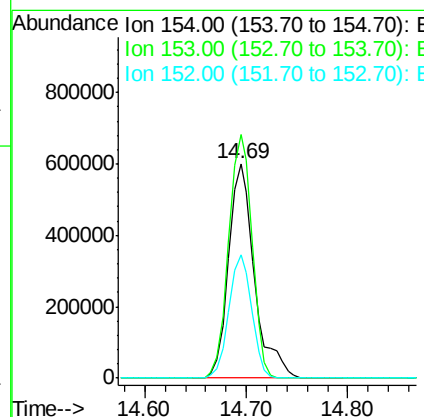
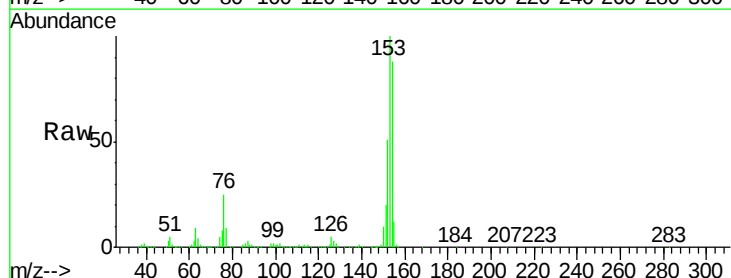
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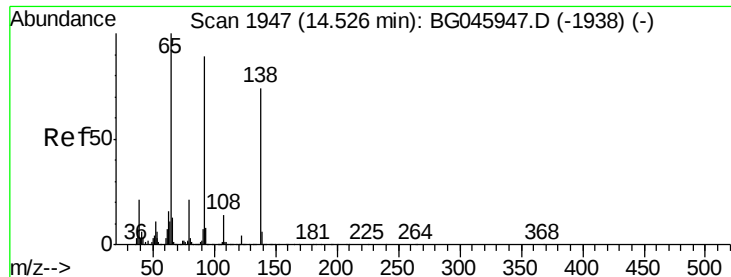
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#52
Acenaphthene
Concen: 46.007 ng
RT: 14.69 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1063235		
153	113.4	89.7	134.5	
152	57.4	44.7	67.1	





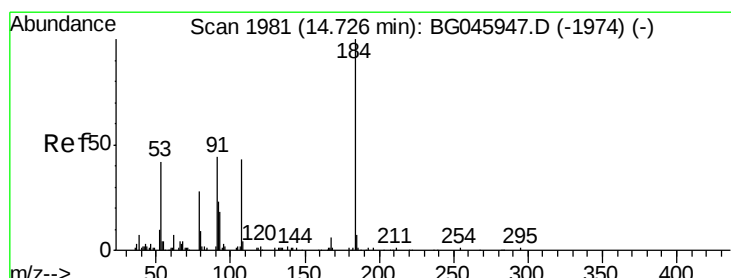
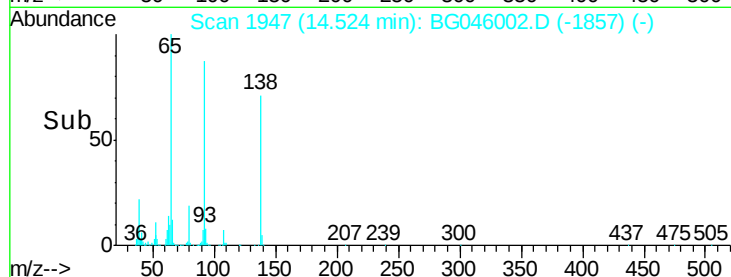
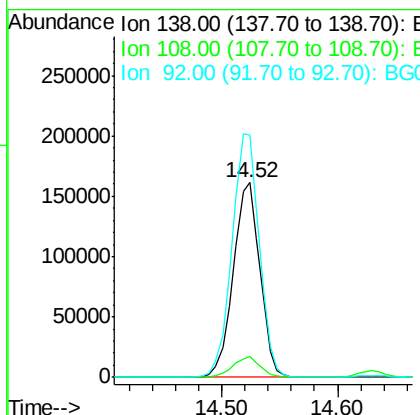
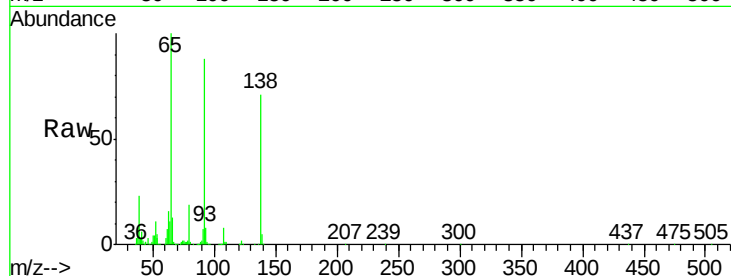
#53
3-Nitroaniline
Concen: 41.108 ng
RT: 14.52 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	15.4	23.2#
92	124.2	95.9	143.9

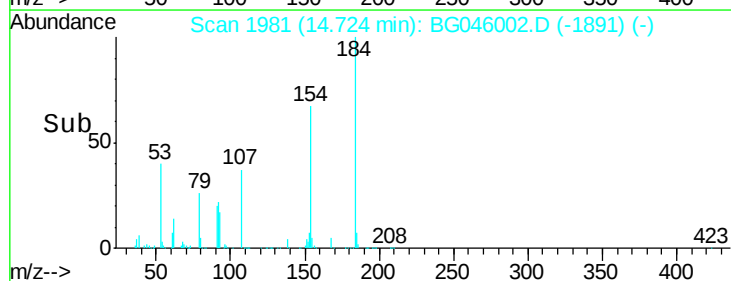
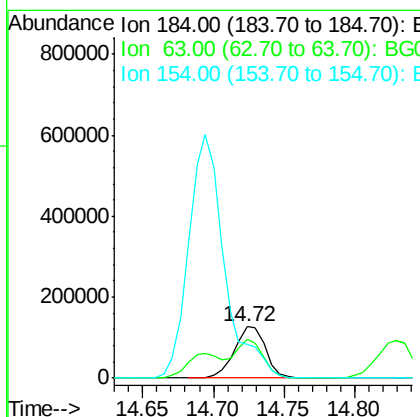
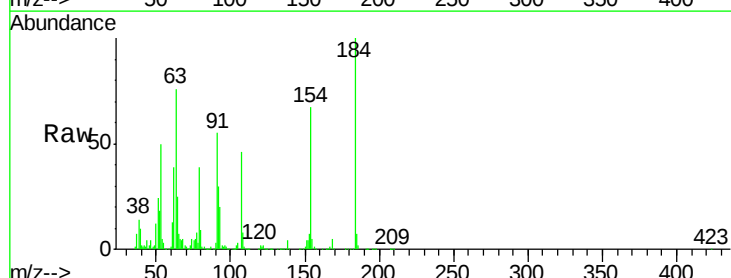
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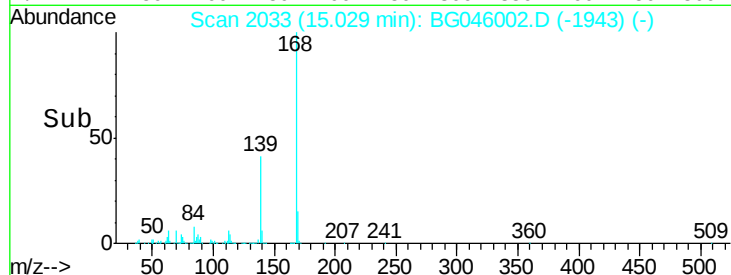
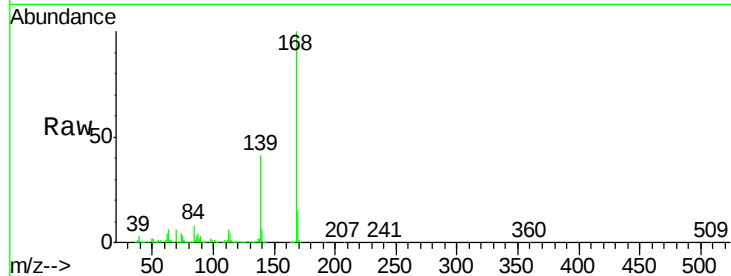
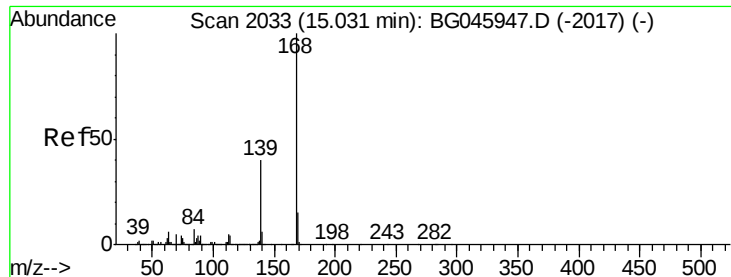
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#54
2,4-Dinitrophenol
Concen: 99.870 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.1	46.0	69.0#
154	66.7	58.2	87.2





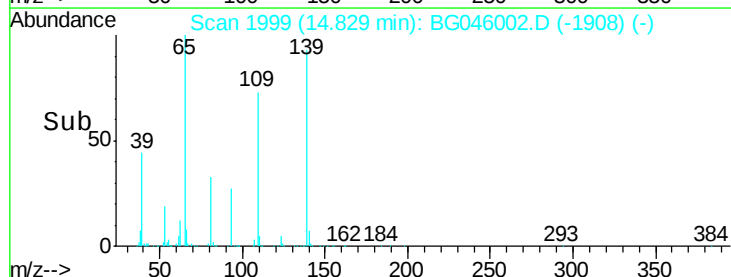
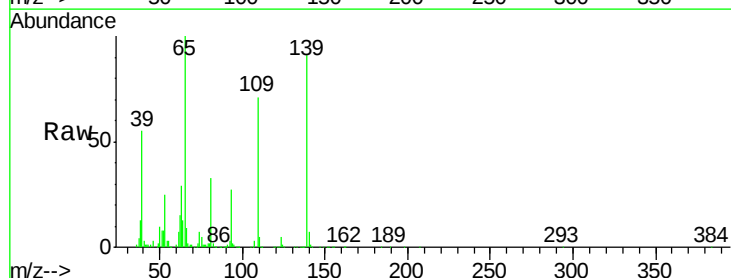
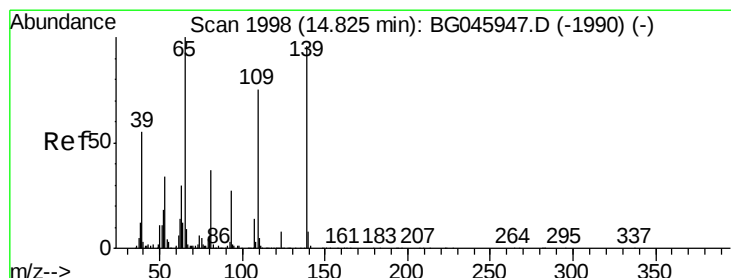
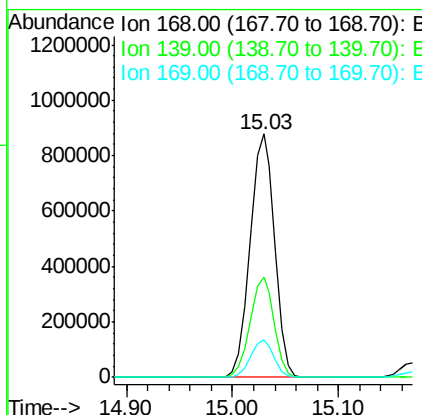
#55
Dibenzofuran
Concen: 41.814 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tot Ion:168 Resp: 1416486
Ion Ratio Lower Upper
168 100
139 41.2 32.2 48.2
169 15.2 11.8 17.8

Instrument :
BNA_G
ClientSampleId :
PB130070BS

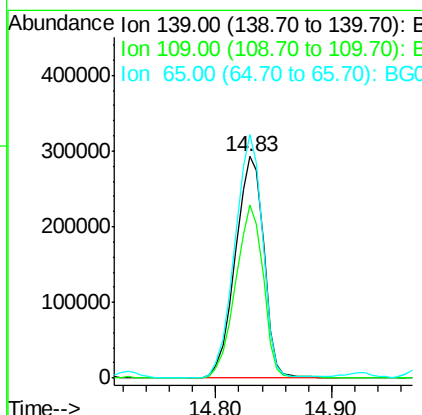
Manual Integrations
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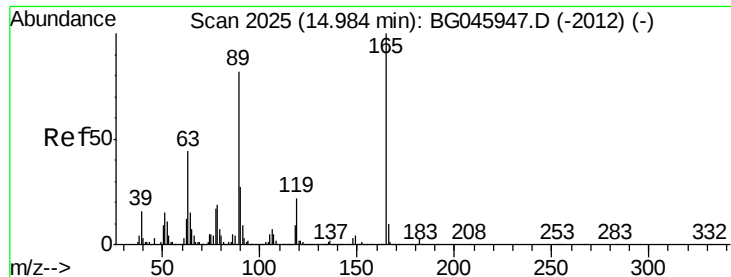
mohammad
7/13/2020 1:03:29 PM



#56
4-Nitrophenol
Concen: 106.746 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:139 Resp: 499349
Ion Ratio Lower Upper
139 100
109 78.3 58.5 98.5
65 110.1 84.7 124.7





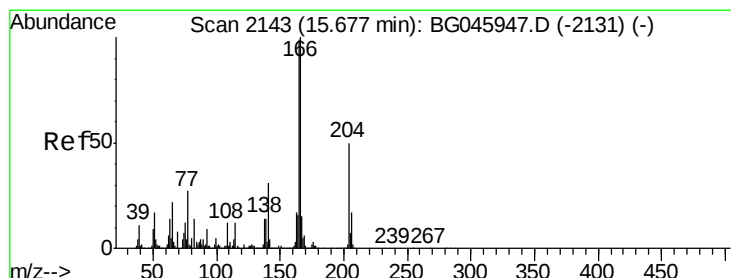
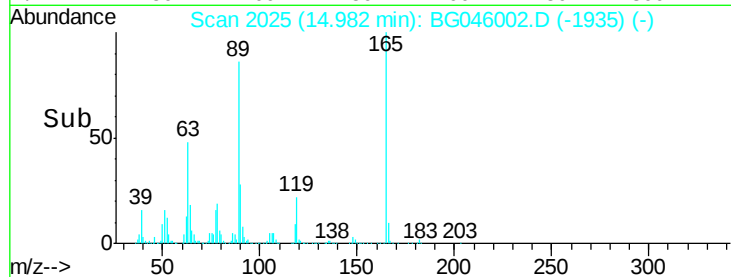
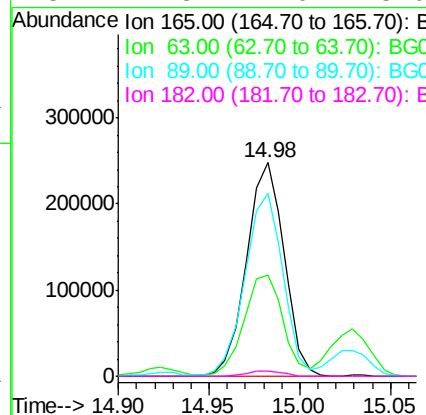
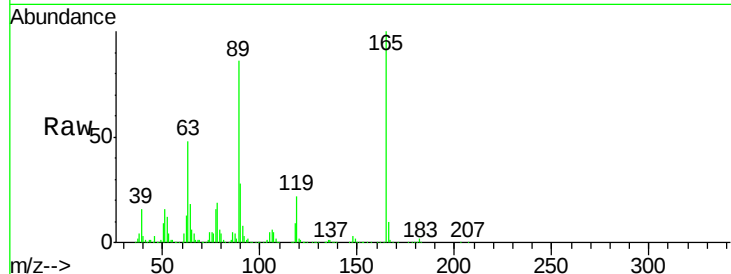
#57
2,4-Dinitrotoluene
Concen: 53.781 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357877		
63	47.6	35.4	53.0	
89	85.8	65.4	98.2	
182	2.3	2.0	3.0	

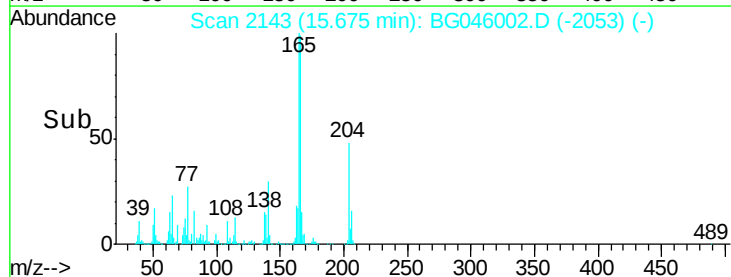
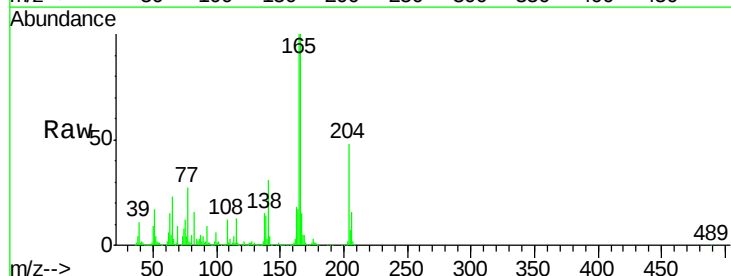
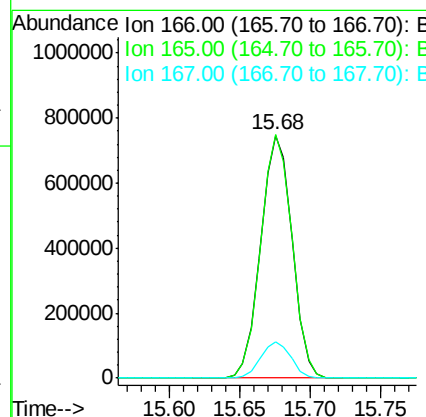
Manual Integrations
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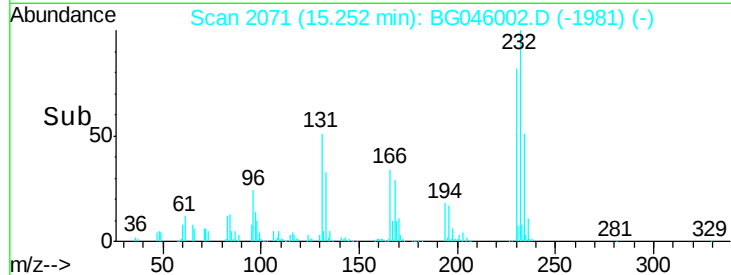
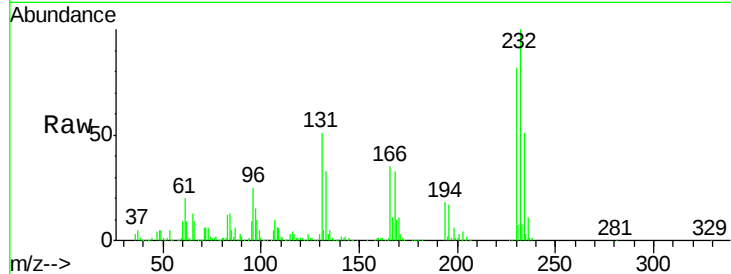
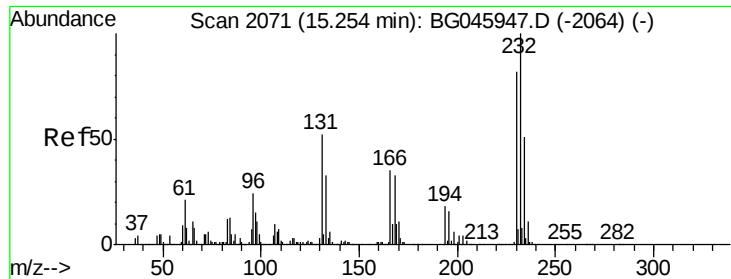
mohammad
7/13/2020 1:03:29 PM



#58
Fluorene
Concen: 41.987 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1166822		
165	100.3	78.9	118.3	
167	14.9	12.1	18.1	





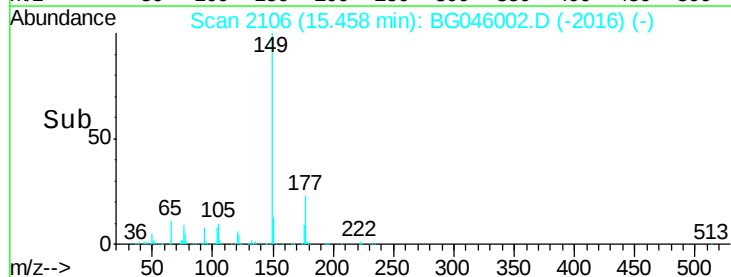
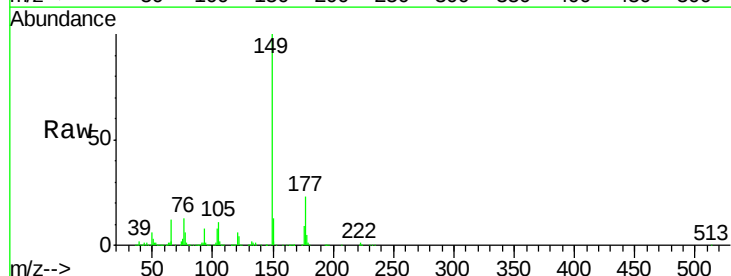
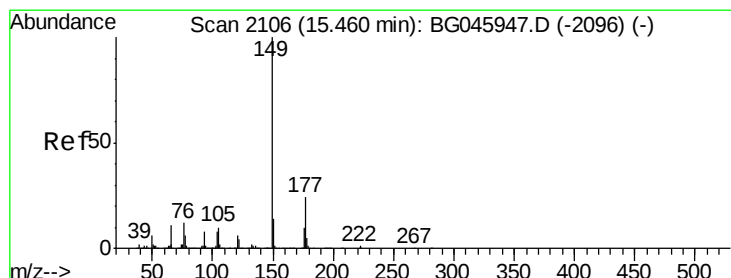
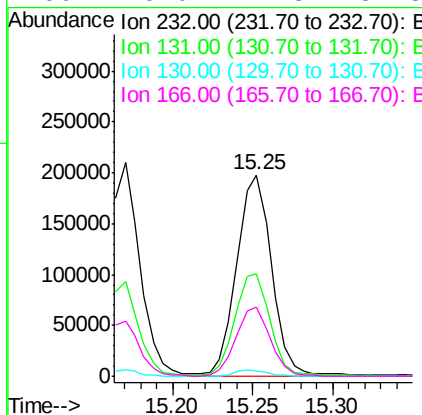
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.539 ng m
RT: 15.25 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.8	53.6
130	2.8	2.5	3.7
166	26.0	21.8	32.8

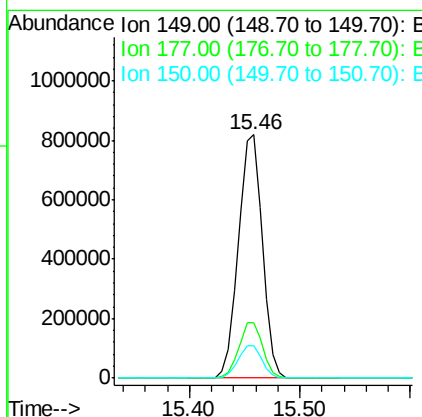
Manual Integrations
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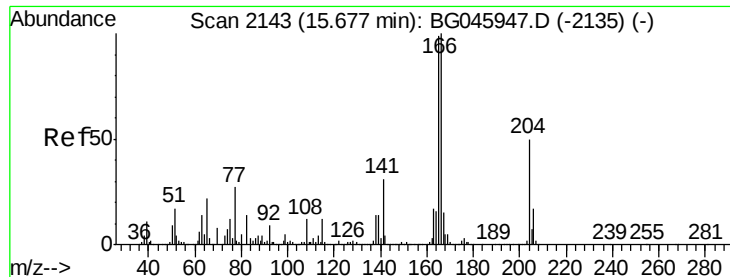
mohammad
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#60
Diethylphthalate
Concen: 41.403 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	13.4	11.0	16.4





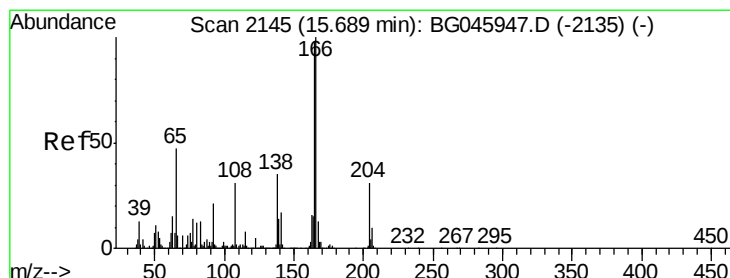
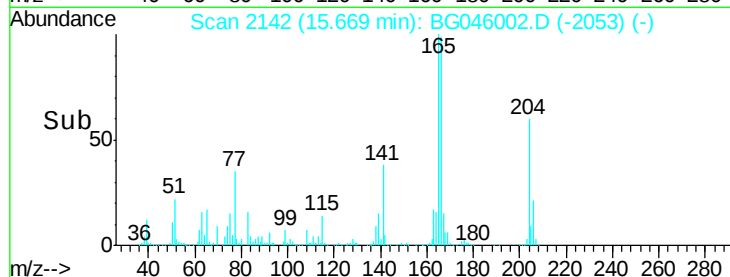
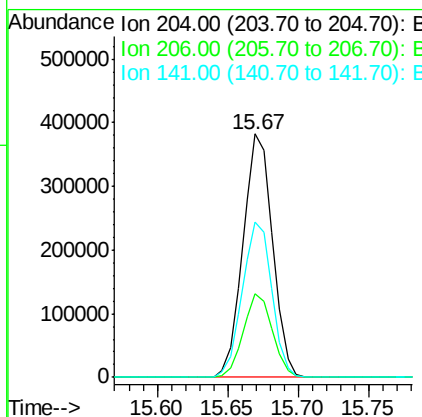
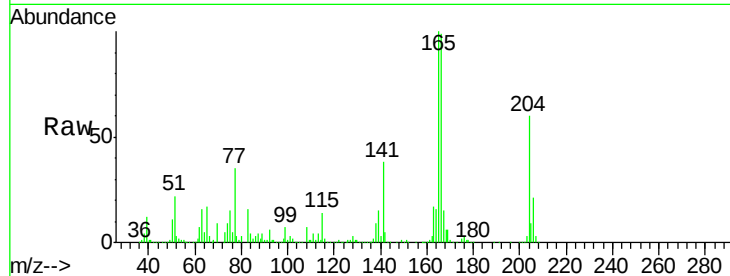
#61
4-Chlorophenyl-phenylether
Concen: 40.515 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleID :
PB130070BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.1	40.7
141	63.9	49.8	74.8

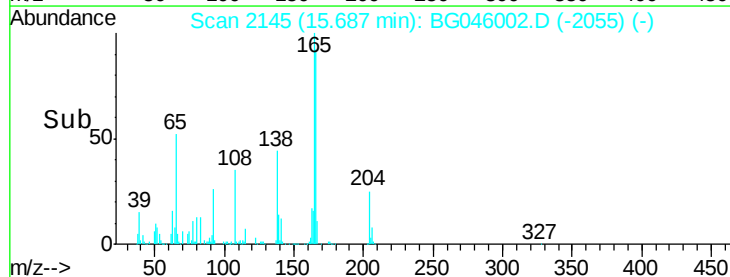
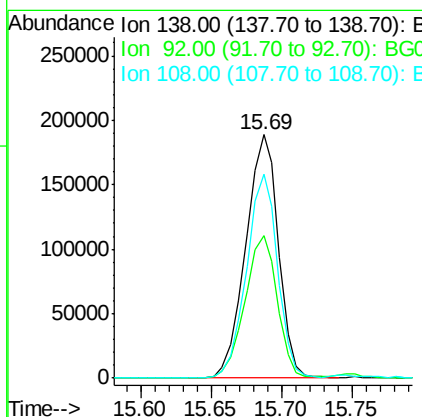
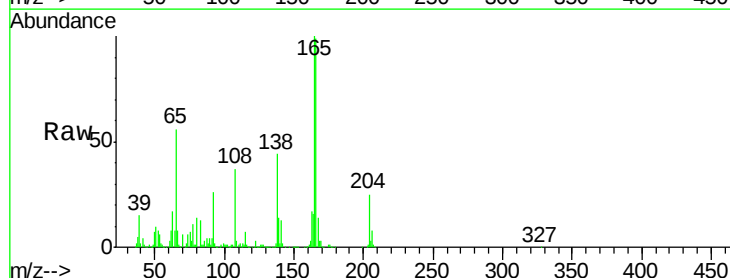
Manual Integrations
APPROVED

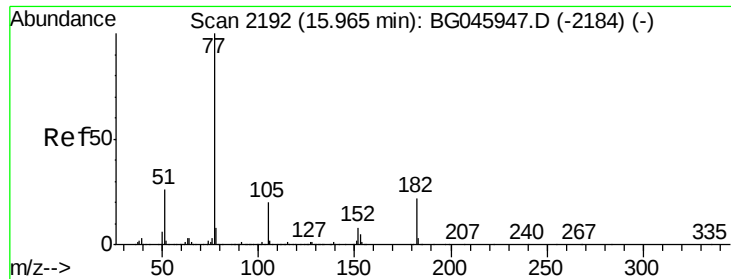
mohammad
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#62
4-Nitroaniline
Concen: 51.585 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	40.3	80.3
108	83.9	68.0	108.0





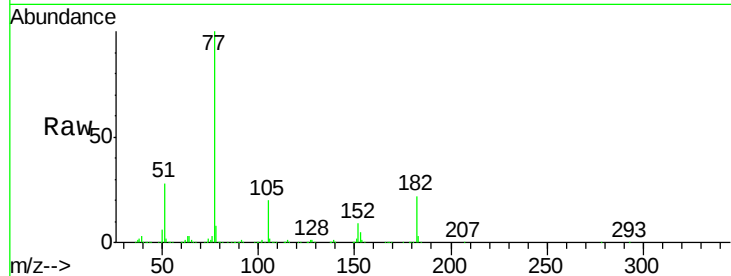
#63
Azobenzene
Concen: 43.491 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

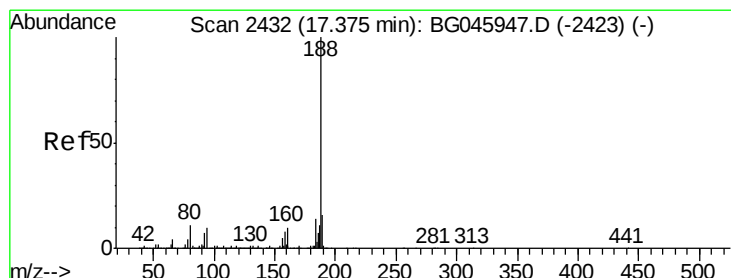
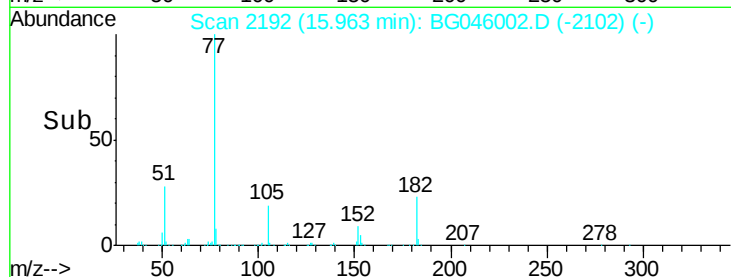
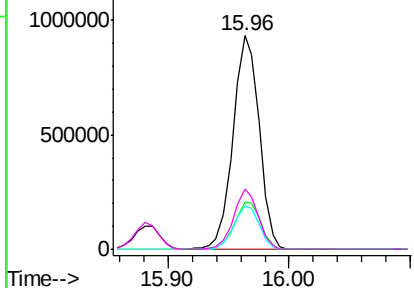
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	2.4	42.4	
105	20.5	0.3	40.3	
51	28.1	6.3	46.3	

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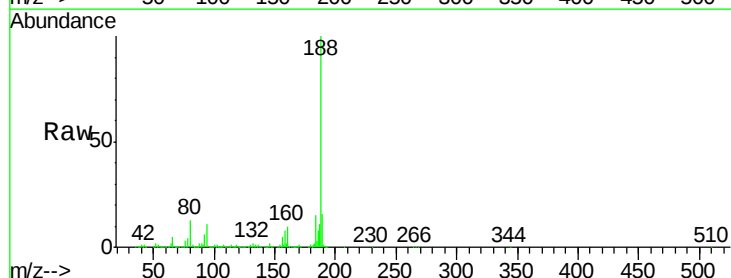


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

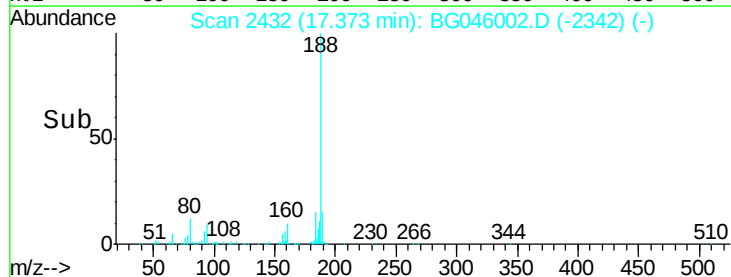
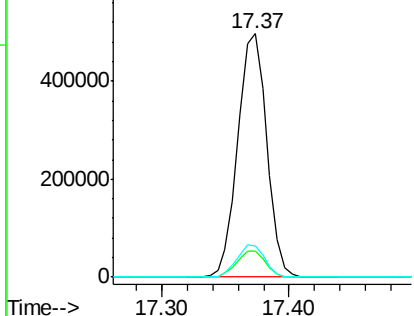


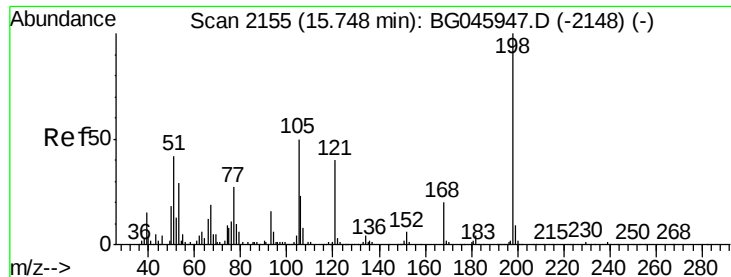
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.9	8.2	12.4	
80	12.6	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: 51.595 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:198 Resp: 141533

Ion Ratio Lower Upper

198 100

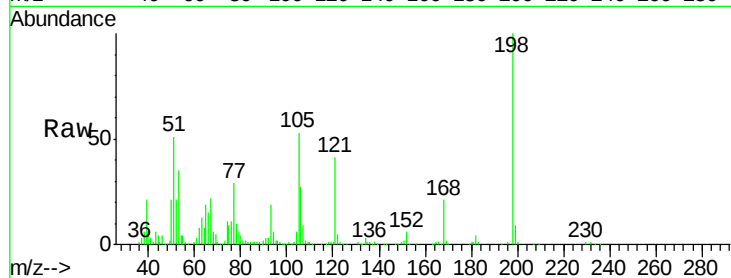
51 51.4 24.5 64.5

105 53.3 30.9 70.9

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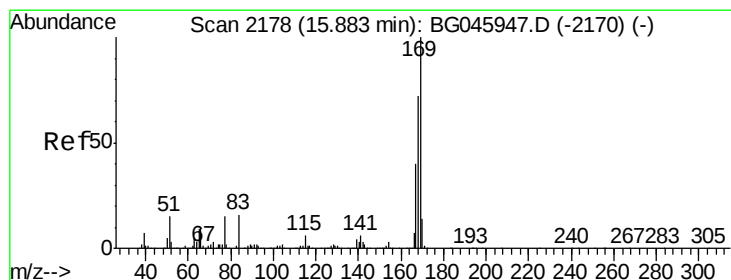
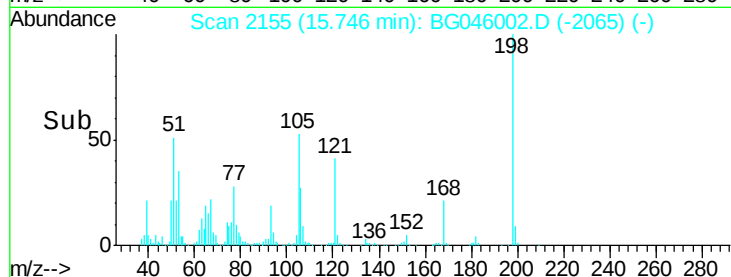
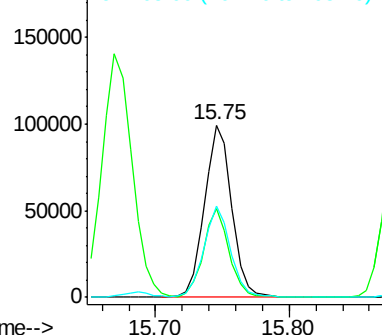
7/13/2020 1:03:29 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045947.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BG045947.D (-2148) (-)



#66

n-Nitrosodiphenylamine

Concen: 43.329 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

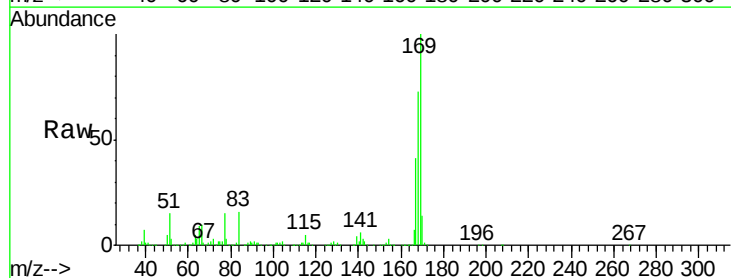
Tgt Ion:169 Resp: 1057555

Ion Ratio Lower Upper

169 100

168 73.1 57.3 85.9

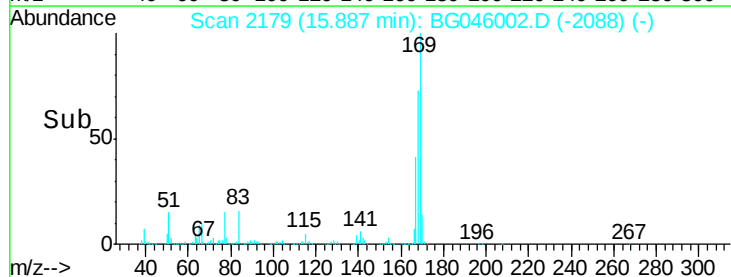
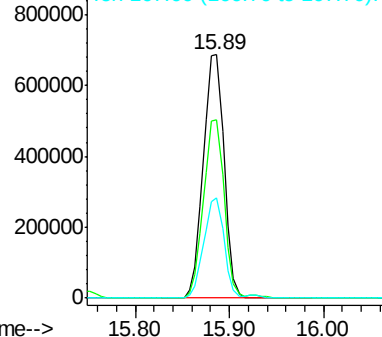
167 41.3 32.1 48.1

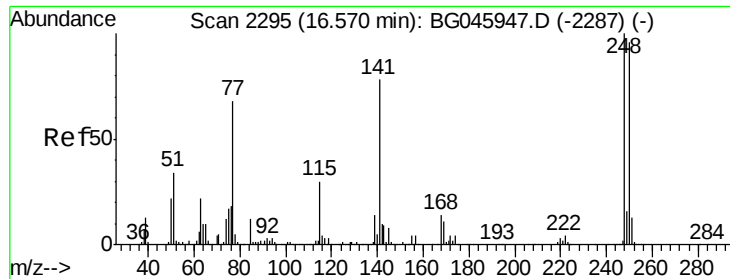


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG045947.D (-2170) (-)

Ion 167.00 (166.70 to 167.70): BG045947.D (-2170) (-)





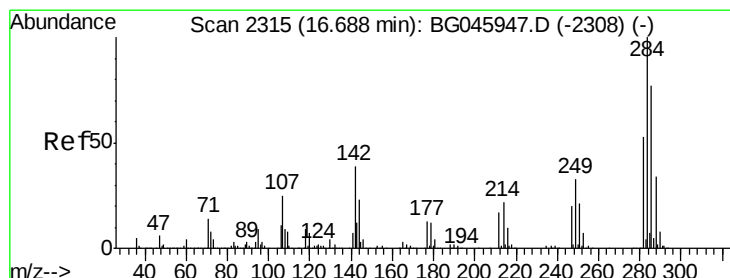
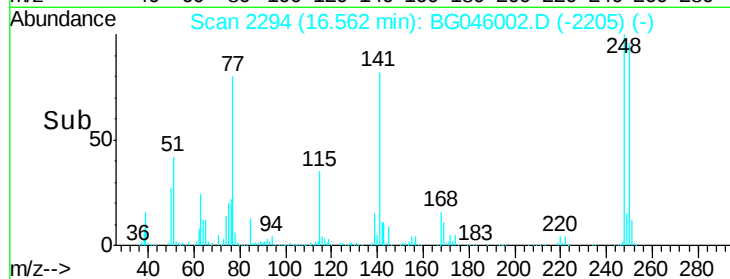
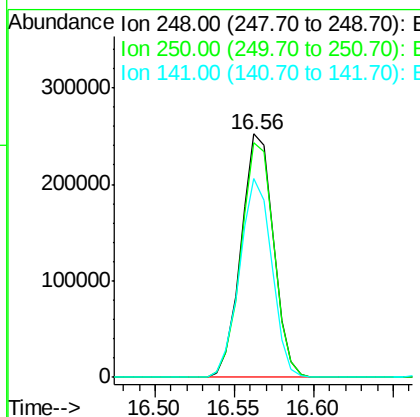
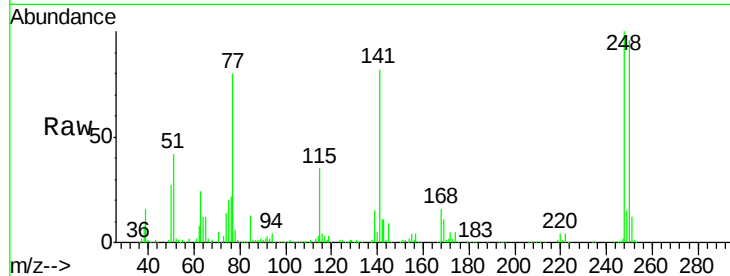
#67
4-Bromophenyl-phenylether
Concen: 40.556 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.6	114.8
141	81.8	62.7	94.1

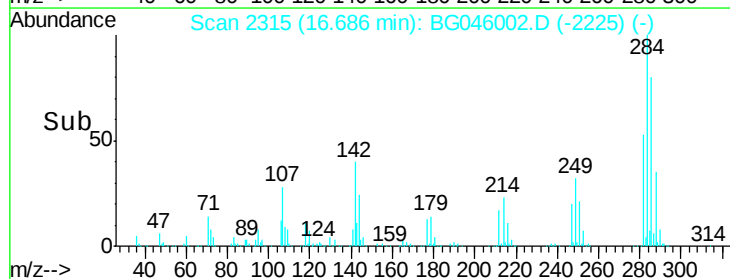
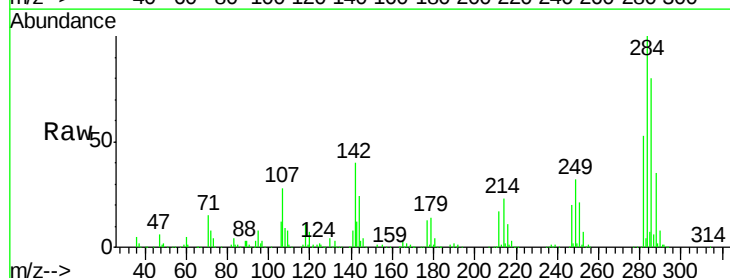
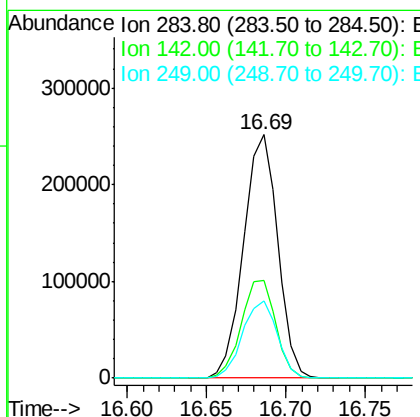
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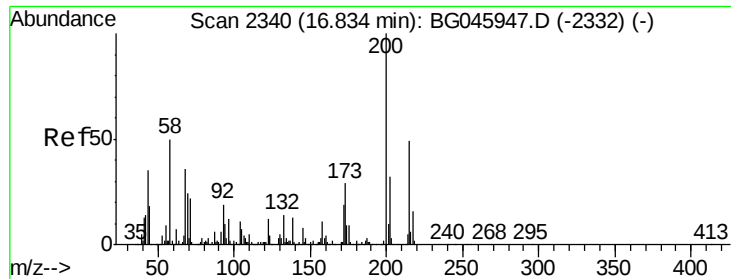
mohammad
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#68
Hexachlorobenzene
Concen: 42.595 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	31.3	46.9
249	31.8	26.8	40.2





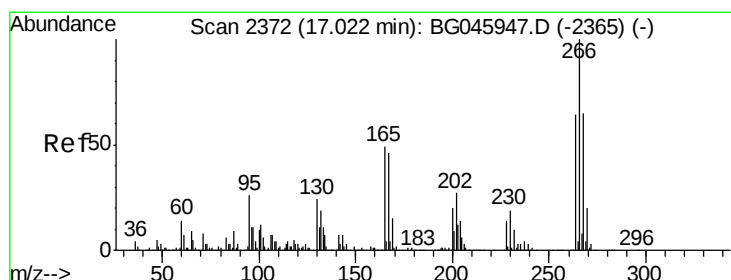
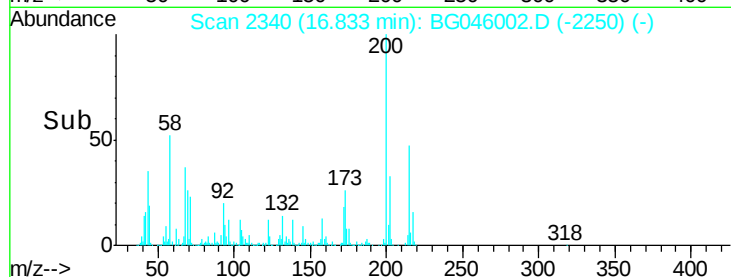
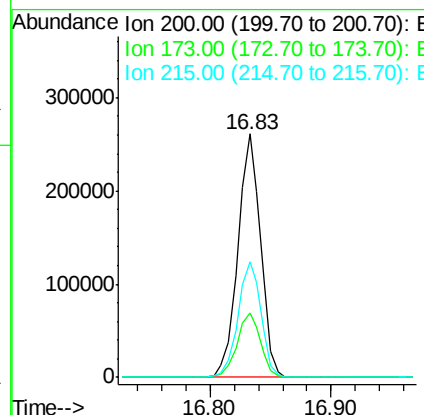
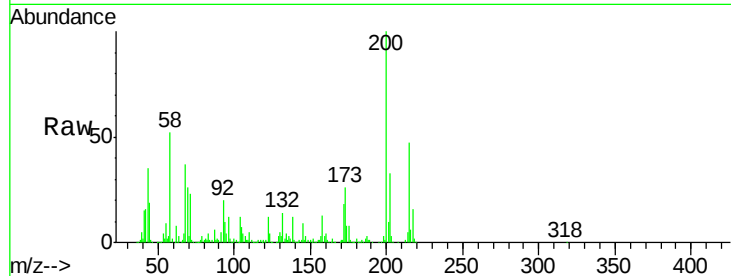
#69
 Atrazine
 Concen: 47.170 ng
 RT: 16.83 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	9.1	49.1
215	47.3	28.8	68.8

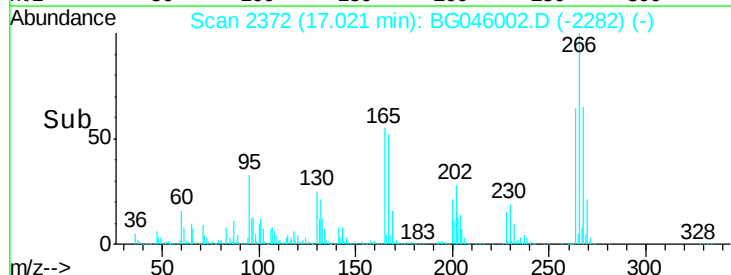
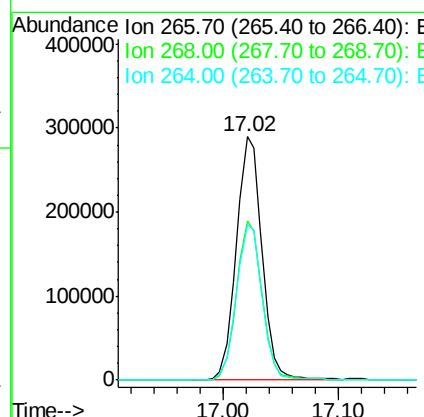
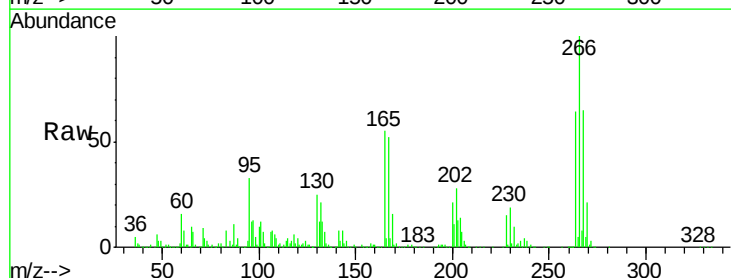
Manual Integrations
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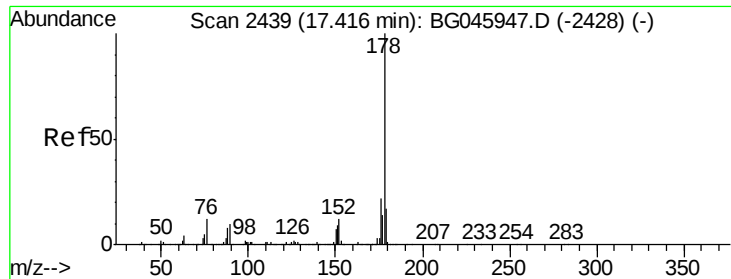
mohammad
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#70
 Pentachlorophenol
 Concen: 91.012 ng
 RT: 17.02 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	51.8	77.8
264	64.0	51.4	77.0





#71

Phenanthrene

Concen: 42.299 ng

RT: 17.41 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:178 Resp: 1761348

Ion Ratio Lower Upper

178 100

176 23.9 17.4 26.2

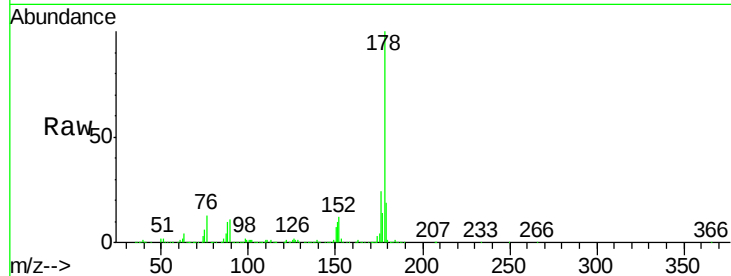
179 18.7 13.4 20.2

Manual Integrations

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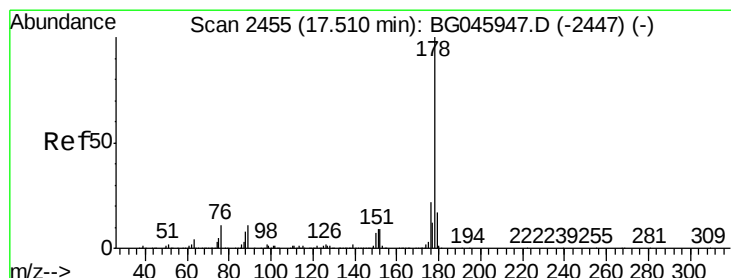
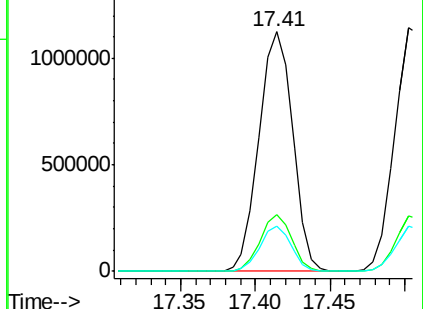
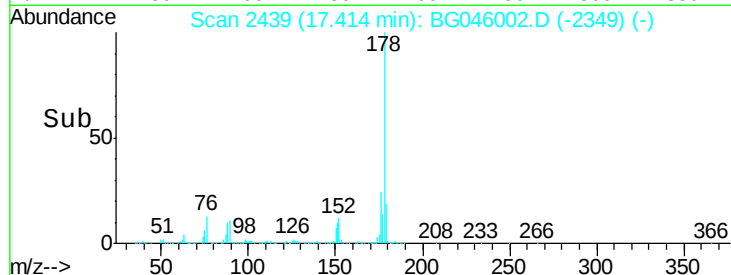
7/13/2020 1:03:29 PM



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: 42.736 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

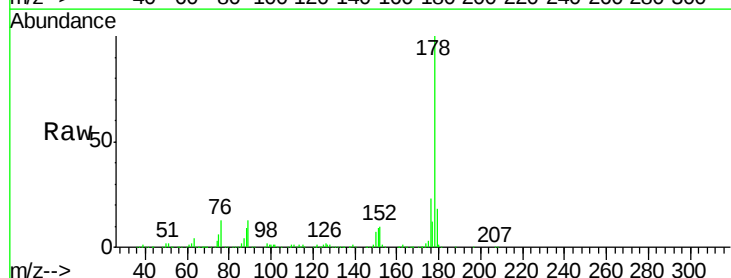
Tgt Ion:178 Resp: 1805947

Ion Ratio Lower Upper

178 100

176 22.7 17.2 25.8

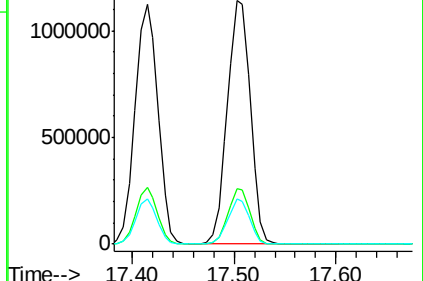
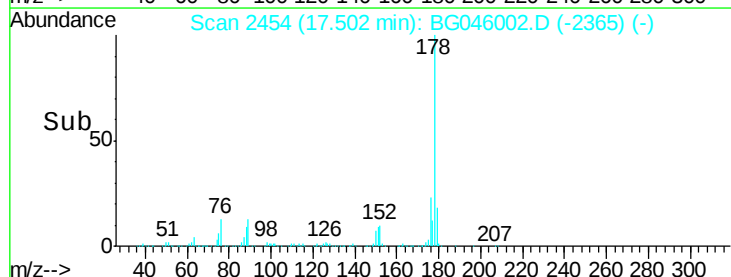
179 18.4 14.0 21.0

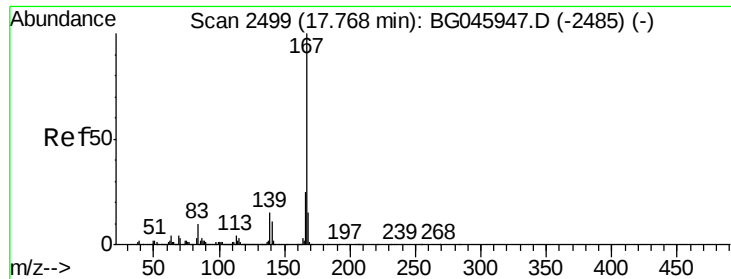


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





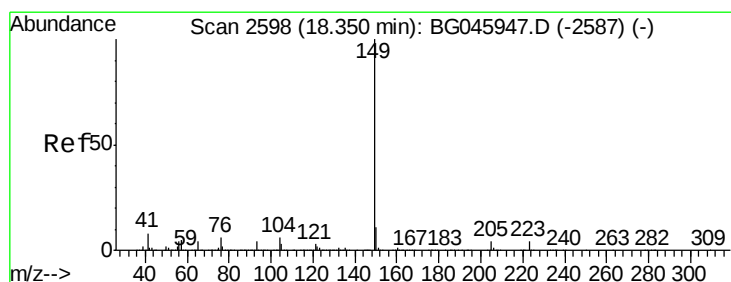
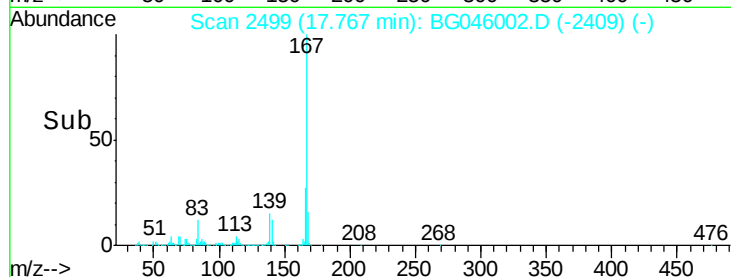
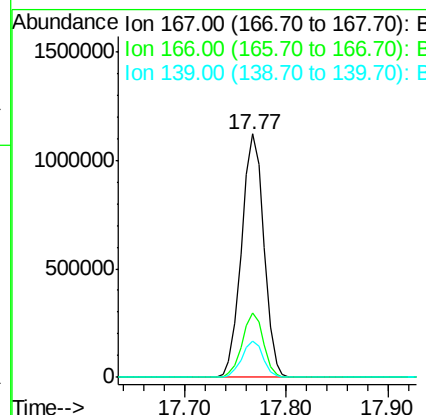
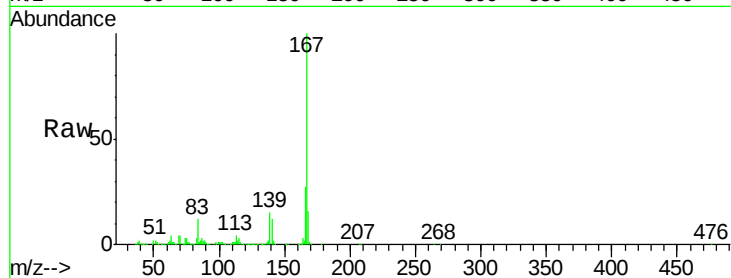
#73
 Carbazole
 Concen: 40.496 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.6	20.4	30.6
139	15.1	11.8	17.8

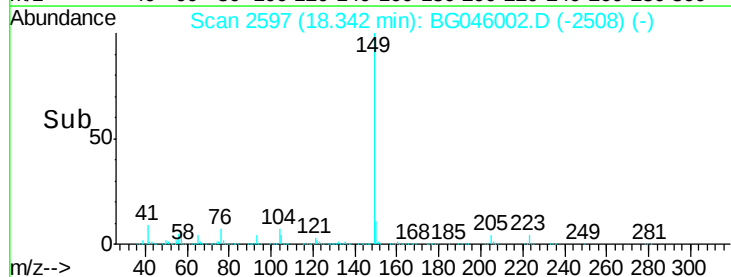
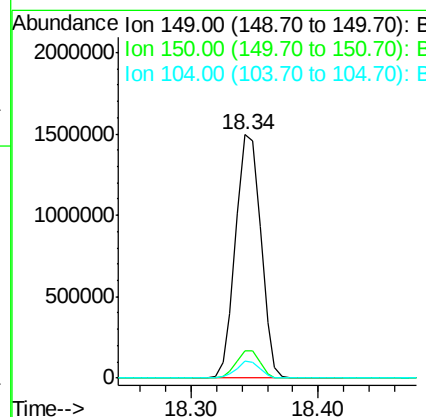
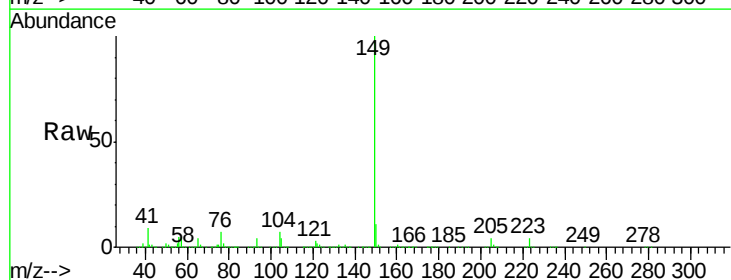
Manual Integrations
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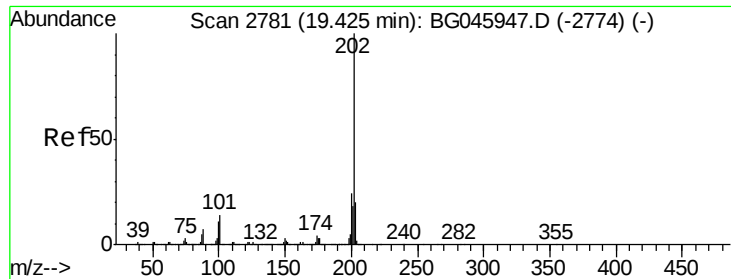
mohammad
 7/13/2020 1:03:29 PM



#74
 Di-n-butylphthalate
 Concen: 40.123 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.0	13.4
104	7.0	5.2	7.8





#75

Fluoranthene

Concen: 41.906 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:202 Resp: 2017253

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.8

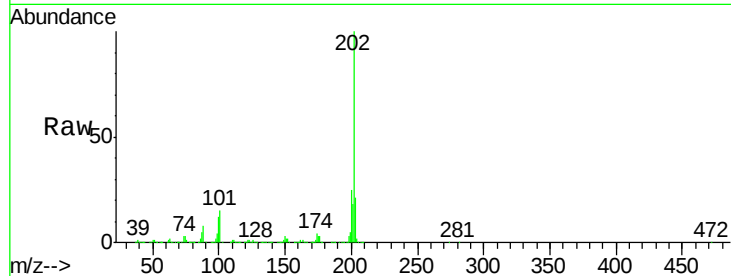
203 21.3 0.4 40.4

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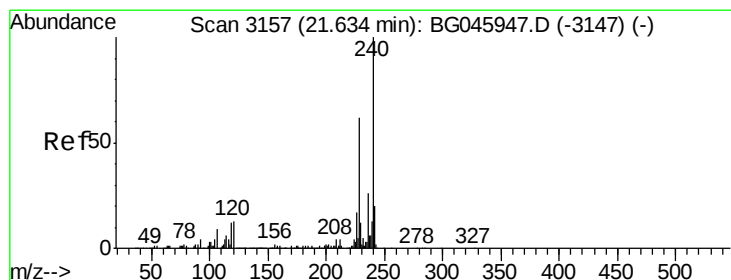
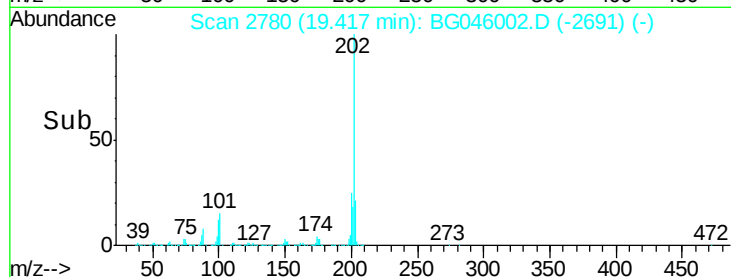
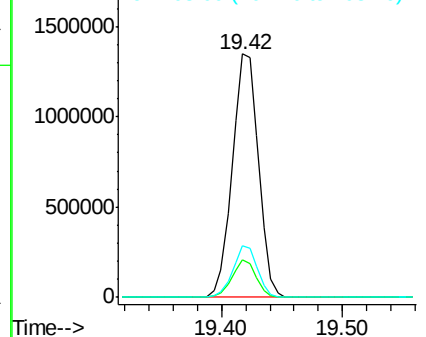
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

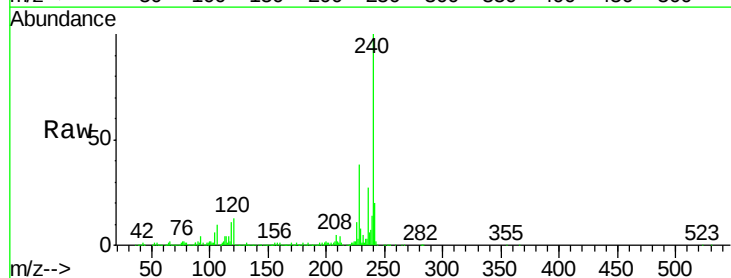
Tgt Ion:240 Resp: 657055

Ion Ratio Lower Upper

240 100

120 13.3 10.6 16.0

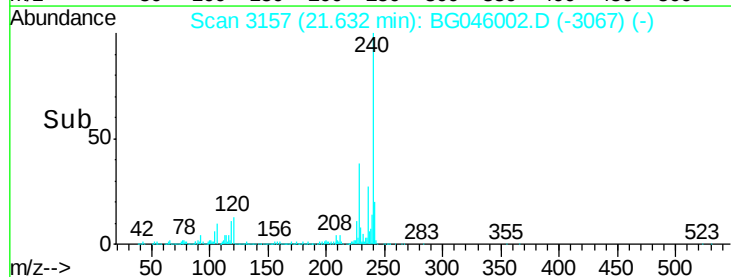
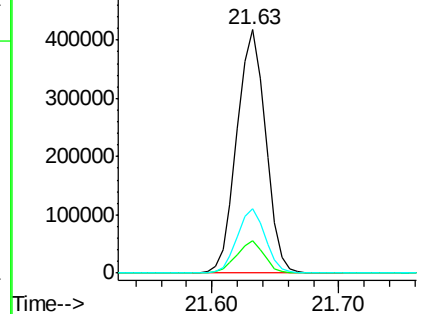
236 26.6 20.4 30.6

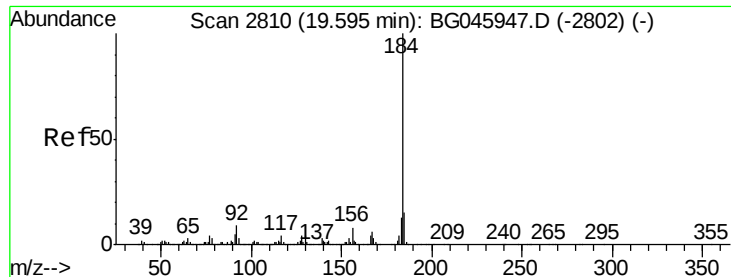


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.928 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:184 Resp: 1125869

Ion Ratio Lower Upper

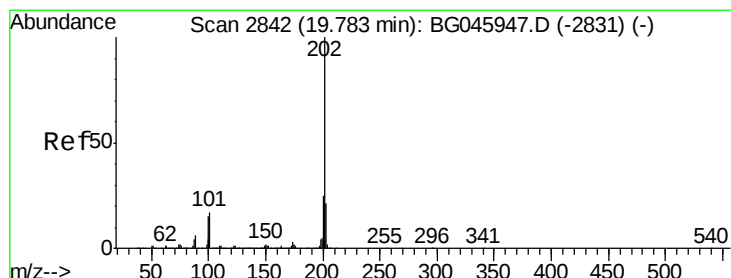
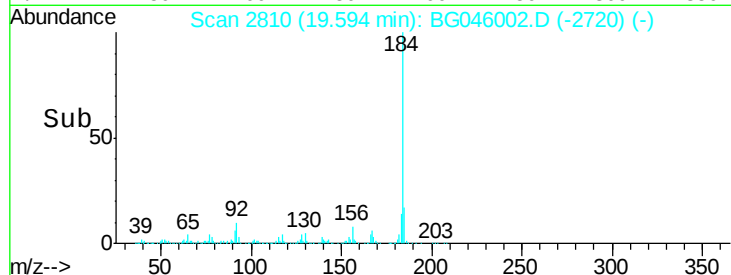
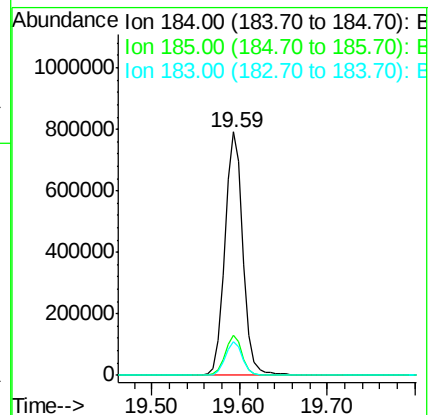
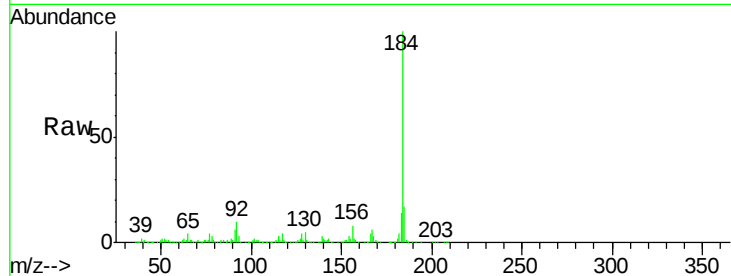
184 100

185 16.6 11.6 17.4

183 13.6 10.4 15.6

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#78

Pyrene

Concen: 44.603 ng

RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

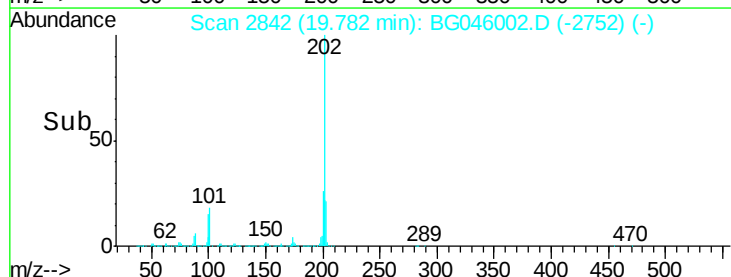
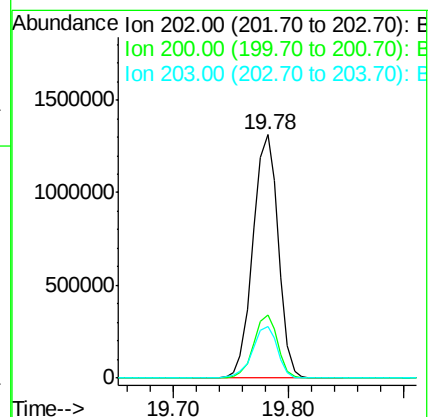
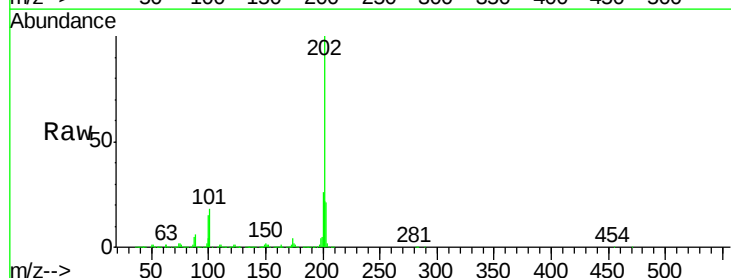
Tgt Ion:202 Resp: 2000455

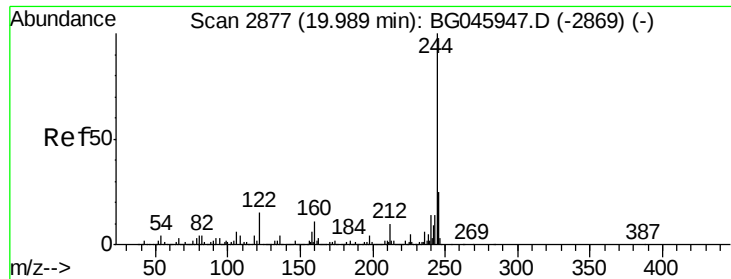
Ion Ratio Lower Upper

202 100

200 26.0 20.1 30.1

203 21.1 16.5 24.7





#79

Terphenyl-d14

Concen: 95.838 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:244 Resp: 2829500

Ion Ratio Lower Upper

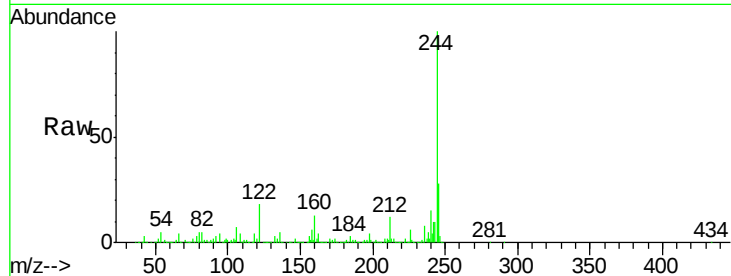
244 100

212 11.5 8.3 12.5

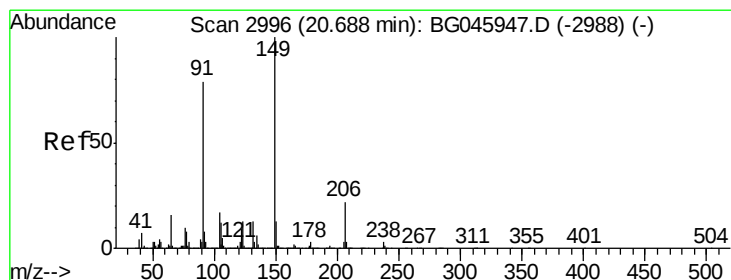
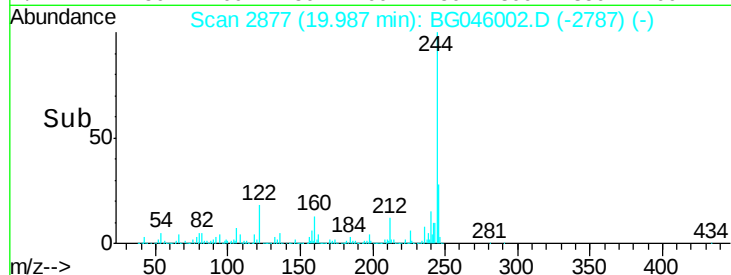
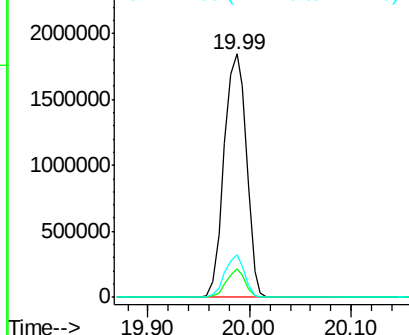
122 17.6 12.1 18.1

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



#80

Butylbenzylphthalate

Concen: 44.520 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

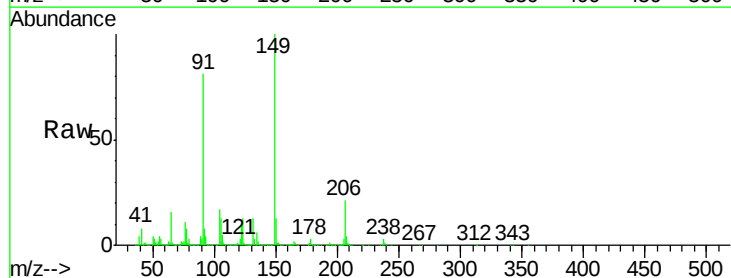
Tgt Ion:149 Resp: 943587

Ion Ratio Lower Upper

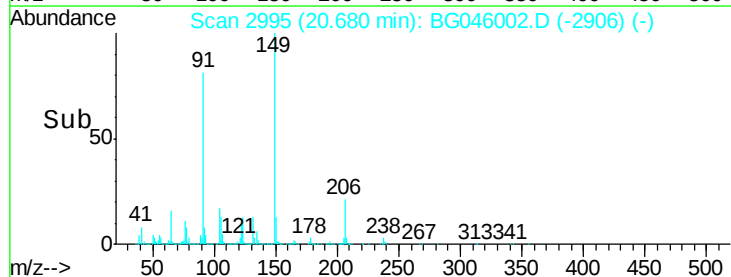
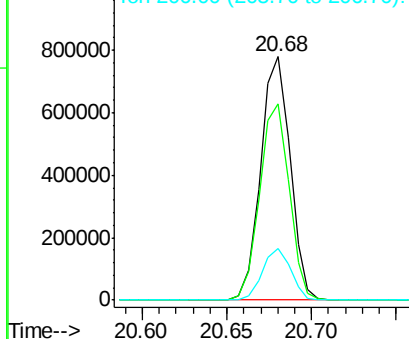
149 100

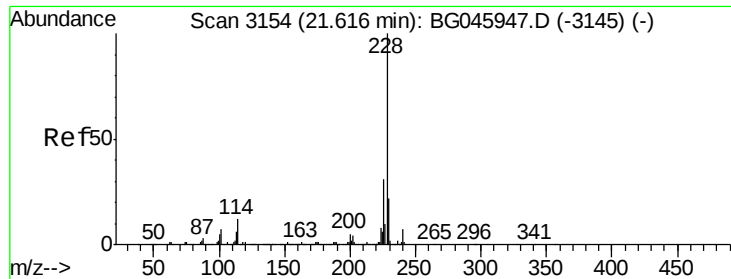
91 80.7 63.1 94.7

206 21.3 17.4 26.0



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





#81

Benzo(a)anthracene

Concen: 41.752 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

Instrument :

BNA_G

ClientSampleId :

PB130070BS

Tot Ion:228 Resp: 1803842

Ion Ratio Lower Upper

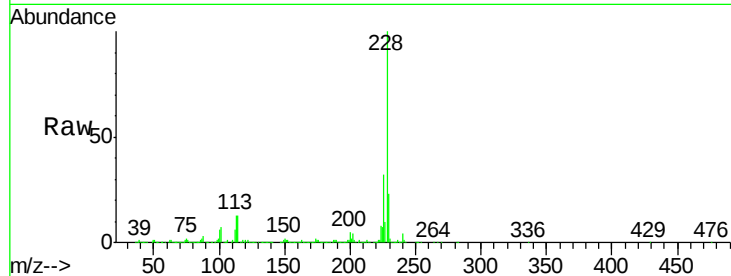
228 100

226 31.7 24.8 37.2

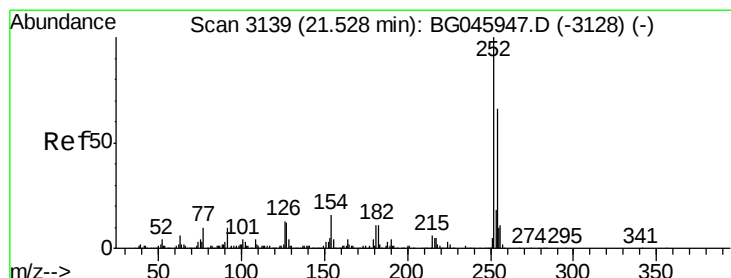
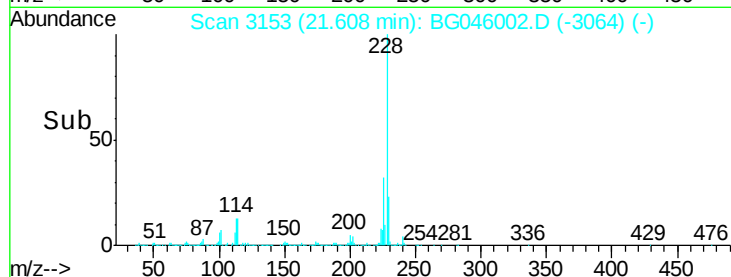
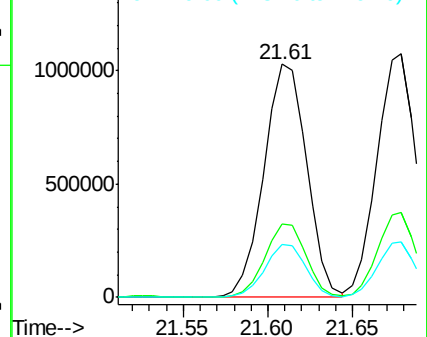
229 22.9 17.8 26.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.205 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG046002.D

Acq: 10 Jul 2020 11:40

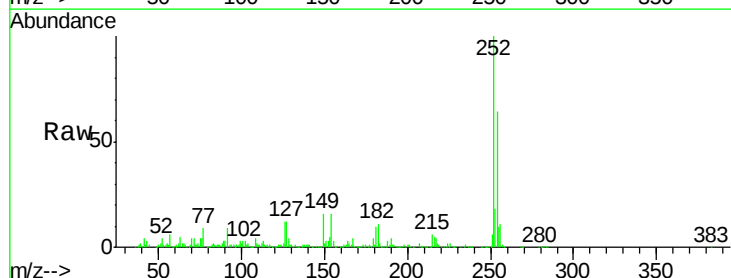
Tgt Ion:252 Resp: 609926

Ion Ratio Lower Upper

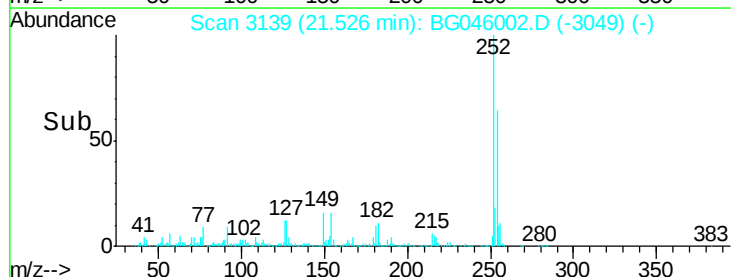
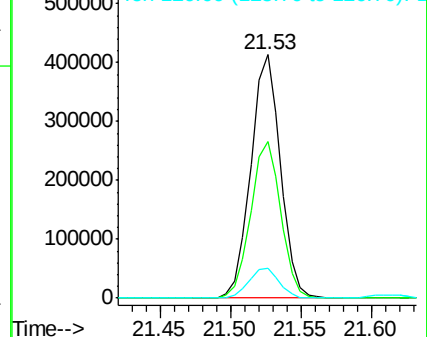
252 100

254 64.3 52.9 79.3

126 12.0 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





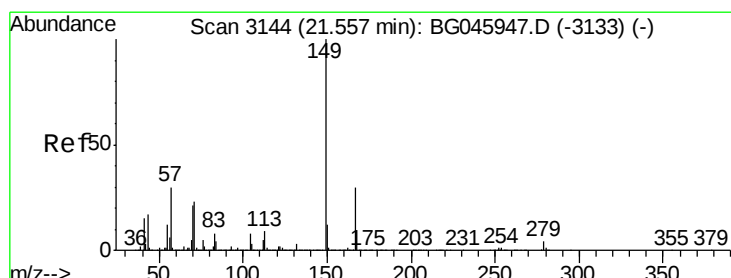
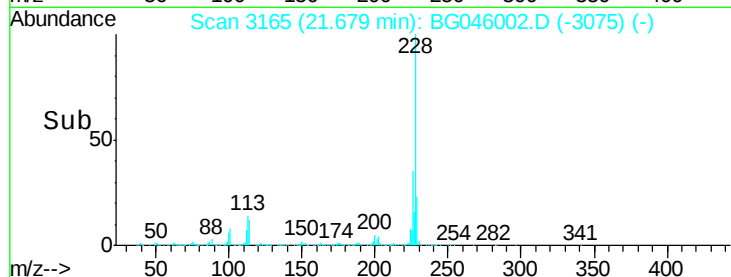
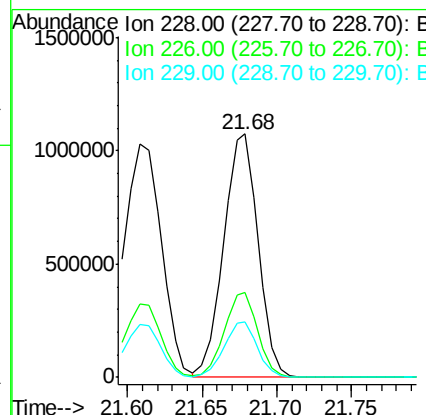
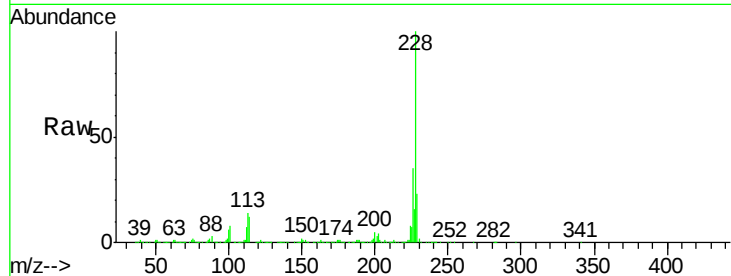
#83
 Chrvsene
 Concen: 42.004 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.7	40.1
229	22.9	17.3	25.9

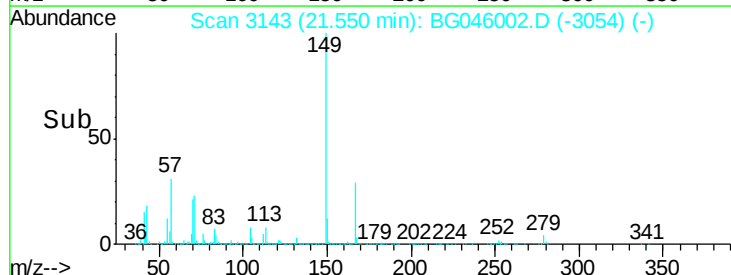
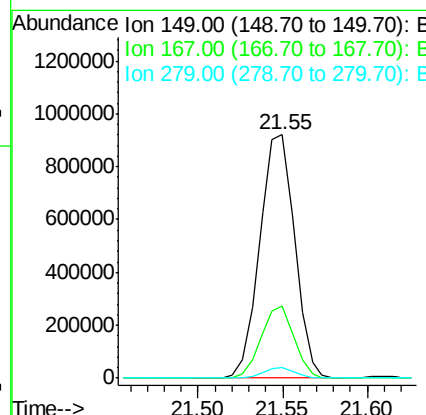
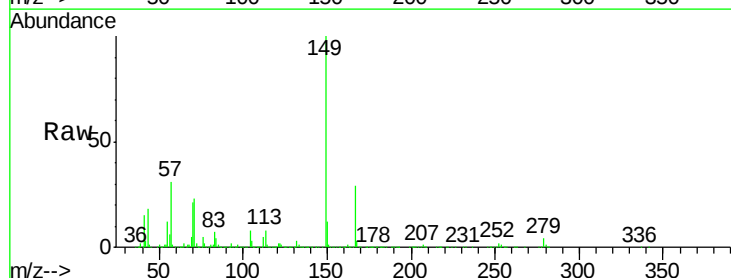
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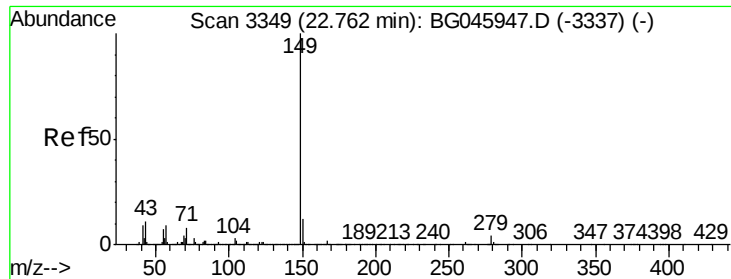
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.911 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.8	35.8
279	4.4	3.5	5.3





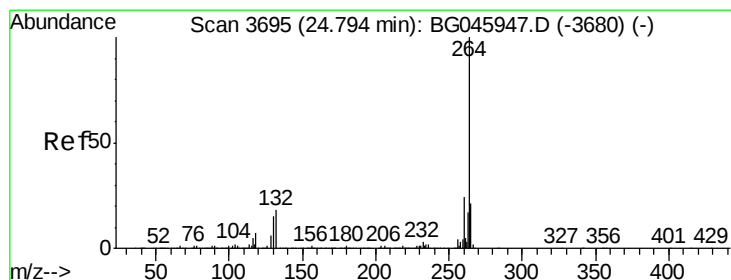
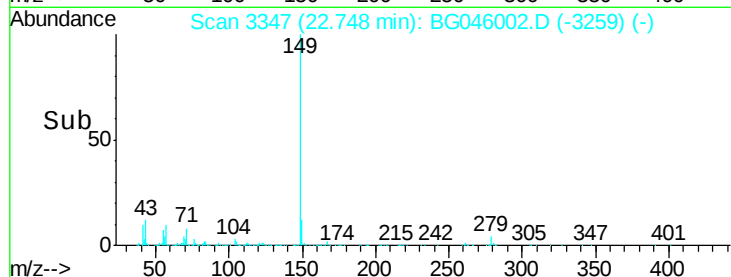
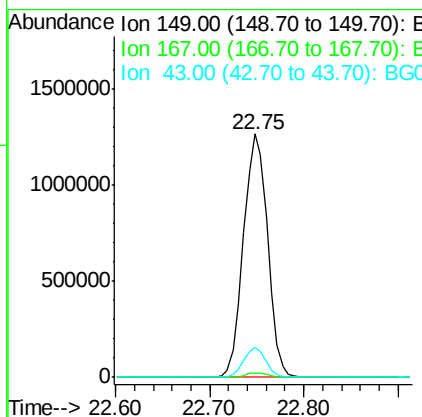
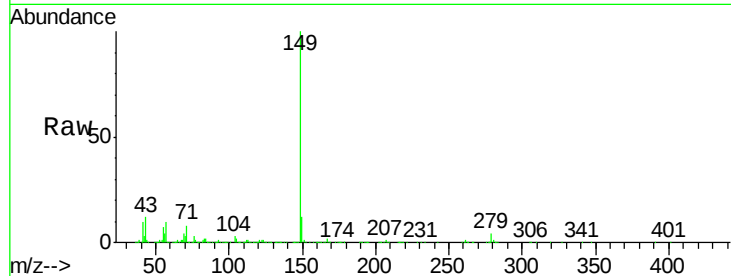
#85
Di-n-octyl phthalate
Concen: 41.989 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.2	8.6	12.8

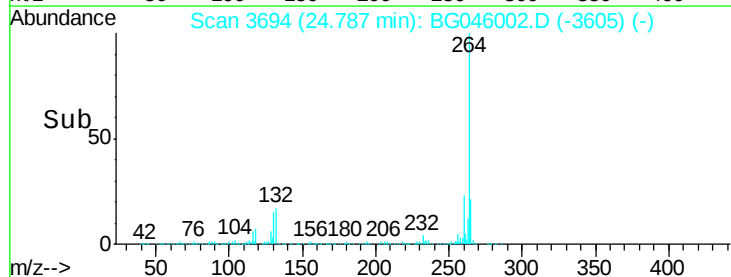
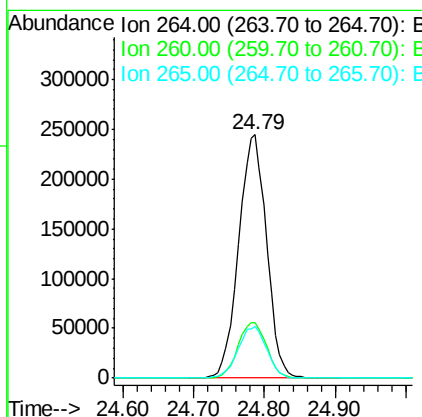
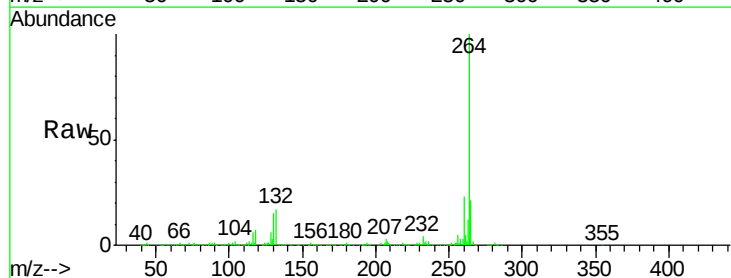
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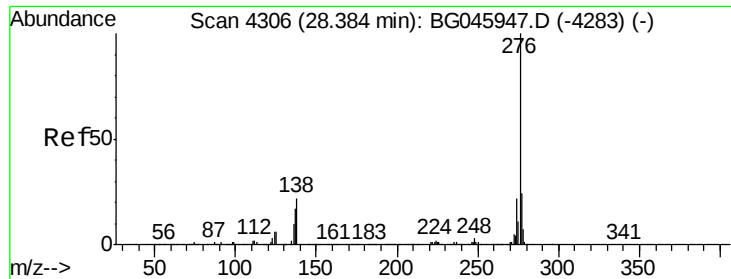
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	21.1	16.9	25.3





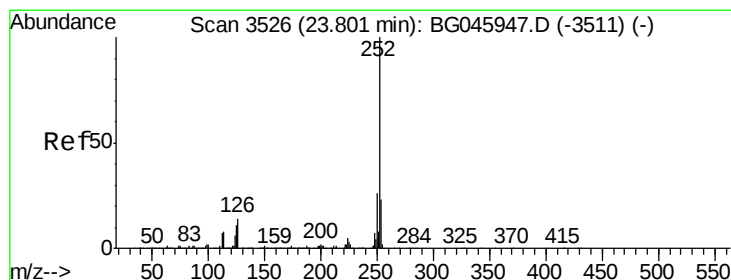
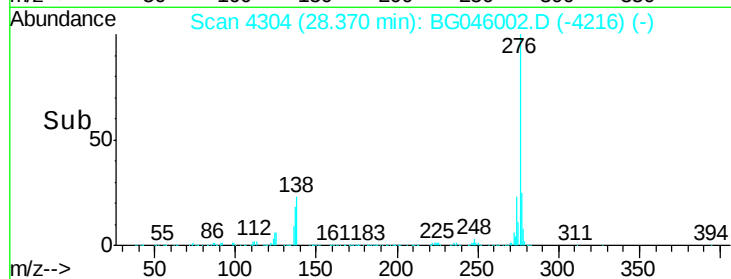
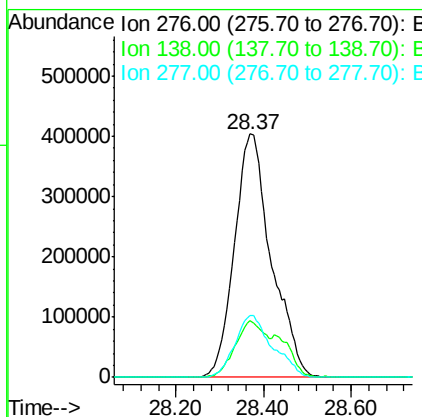
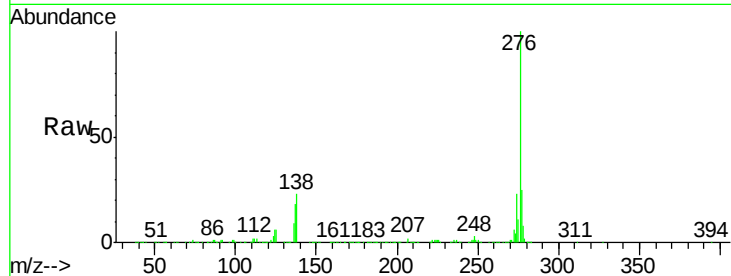
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.134 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.4	24.6
277	26.0	20.6	31.0

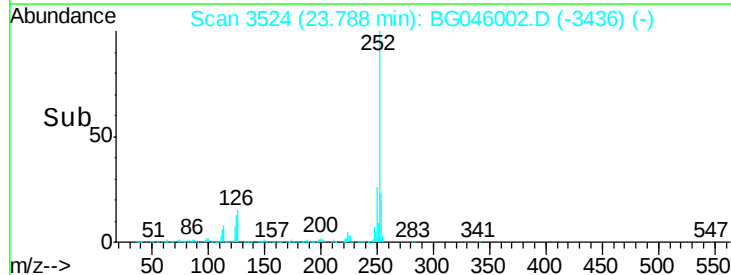
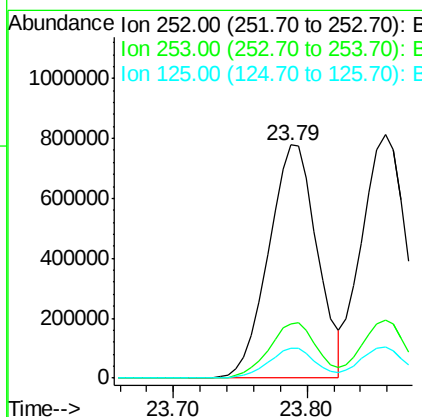
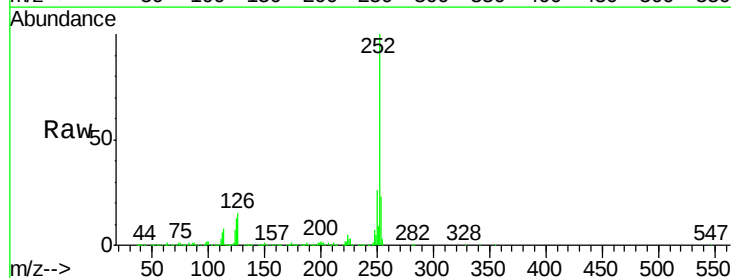
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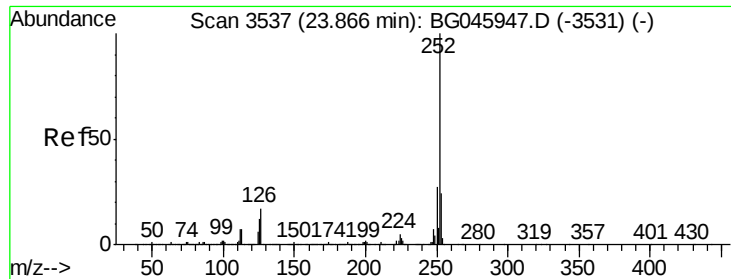
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#88
 Benzo(b)fluoranthene
 Concen: 46.247 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG046002.D
 Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	12.7	9.2	13.8





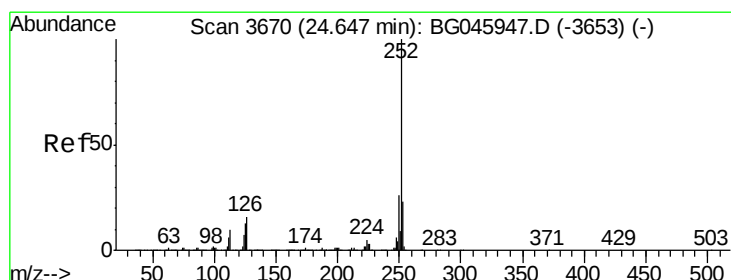
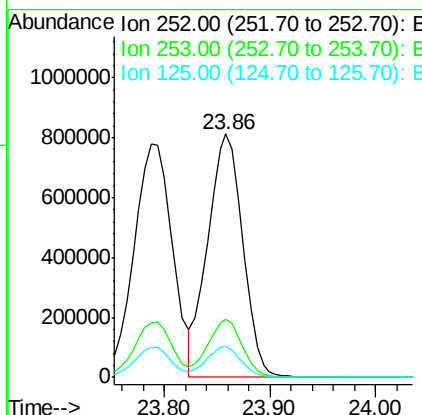
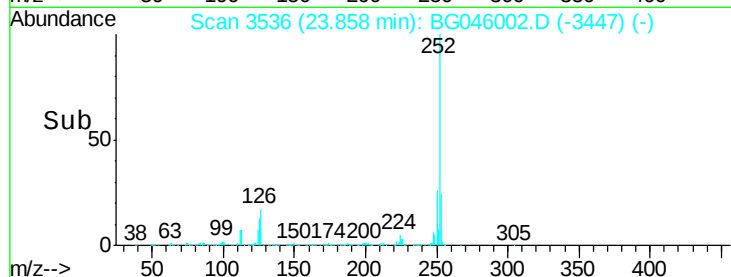
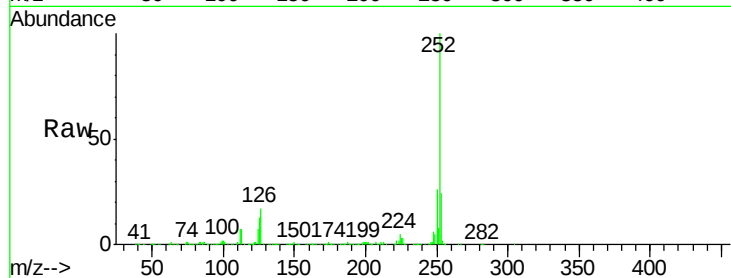
#89
Benzo(k)fluoranthene
Concen: 46.440 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

Tot Ion:252 Resp: 1867089
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 12.9 9.6 14.4

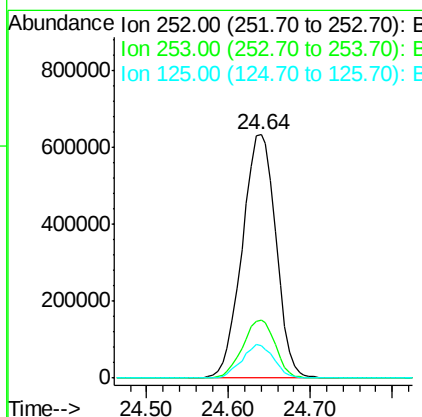
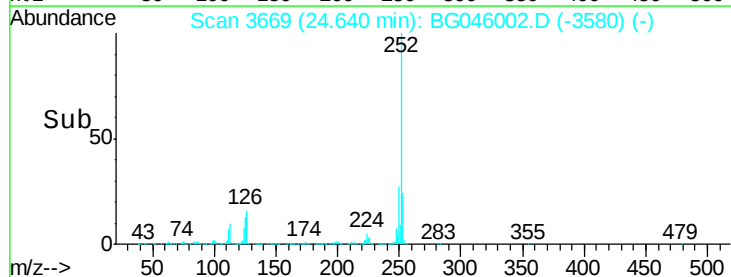
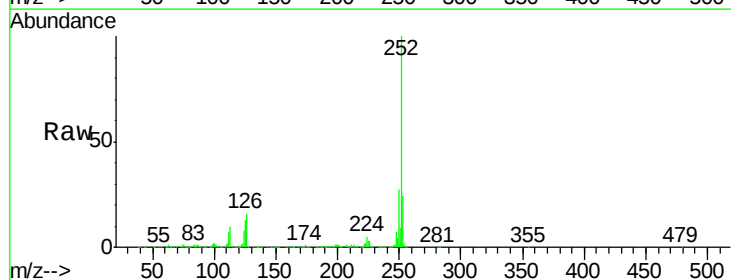
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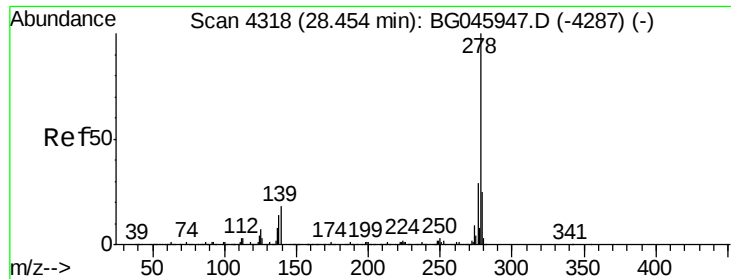
mohammad
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#90
Benzo(a)pyrene
Concen: 45.329 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion:252 Resp: 1812347
Ion Ratio Lower Upper
252 100
253 23.7 18.6 28.0
125 13.4 10.5 15.7





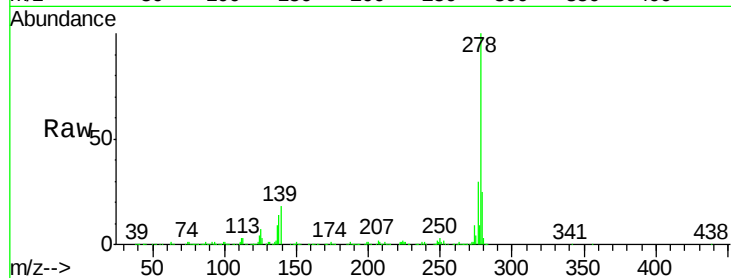
#91
Dibenzo(a,h)anthracene
Concen: 46.865 ng
RT: 28.44 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Instrument :
BNA_G
ClientSampleId :
PB130070BS

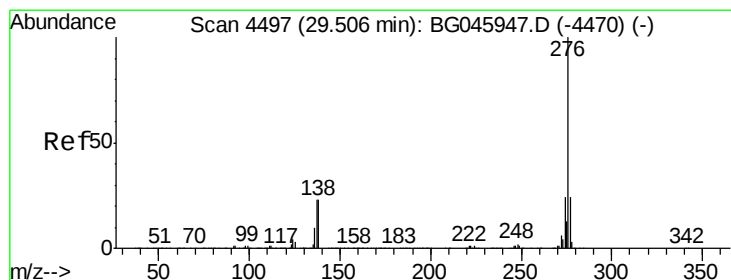
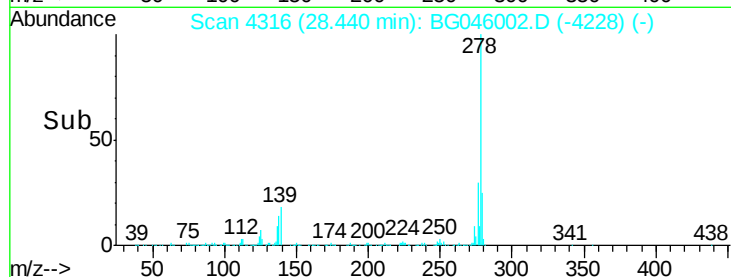
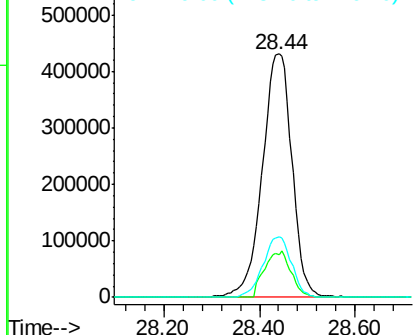
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.3	21.5
279	24.8	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/13/2020 1:03:29 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: 46.920 ng
RT: 29.49 min Scan# 4494
Delta R.T. -0.02 min
Lab File: BG046002.D
Acq: 10 Jul 2020 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	24.5	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

