

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046020.D
 Acq On : 13 Jul 2020 13:15
 Operator : CG/JU
 Sample : PB130142BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Manual Integrations
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mohammad
 7/14/2020 12:01:29 PM

Quant Time: Jul 13 14:43:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	162086	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	647259	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	387815	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	805051	20.00	ng	0.00
76) Chrysene-d12	21.63	240	662340	20.00	ng	0.00
86) Perylene-d12	24.78	264	692110	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1415843	141.65	ng	0.00
7) Phenol-d6	7.18	99	1920643	133.47	ng	0.01
23) Nitrobenzene-d5	9.16	82	1162980	103.42	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	505431	140.42	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2091167	84.11	ng	0.00
79) Terphenyl-d14	19.98	244	2656209	89.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	177809	38.560	ng	98
3) Pyridine	3.89	79	557783	40.004	ng	97
4) n-Nitrosodimethylamine	3.81	42	221855	47.055	ng	# 99
6) Aniline	7.33	93	656820	35.680	ng	98
8) 2-Chlorophenol	7.57	128	520723	48.397	ng	98
9) Benzaldehyde	7.14	77	192531	21.118	ng	98
10) Phenol	7.20	94	687715	47.643	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	505695	42.366	ng	98
12) 1,3-Dichlorobenzene	7.90	146	517877	41.758	ng	100
13) 1,4-Dichlorobenzene	8.04	146	511840	41.954	ng	100
14) 1,2-Dichlorobenzene	8.36	146	480207	40.898	ng	93
15) Benzyl Alcohol	8.24	79	496897	44.039	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	649610	41.712	ng	96
17) 2-Methylphenol	8.45	107	460588	42.524	ng	96
18) Hexachloroethane	9.09	117	196781	41.920	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	419690	41.516	ng	98
20) 3+4-Methylphenols	8.78	107	627889	42.535	ng	99
22) Acetophenone	8.82	105	708165	40.955	ng	# 96
24) Nitrobenzene	9.20	77	594980	47.936	ng	99
25) Isophorone	9.73	82	1096967	39.959	ng	98
26) 2-Nitrophenol	9.92	139	227185	56.156	ng	99
27) 2,4-Dimethylphenol	9.98	122	447228	45.768	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	646742	41.953	ng	99
29) 2,4-Dichlorophenol	10.46	162	473603	46.820	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	456060	40.691	ng	98
31) Naphthalene	10.86	128	1427705	41.146	ng	99
32) Benzoic acid	10.13	122	271778	45.874	ng	96
33) 4-Chloroaniline	10.96	127	358969	23.151	ng	99
34) Hexachlorobutadiene	11.16	225	256825	39.245	ng	98
35) Caprolactam	11.74	113	174613m	45.465	ng	
36) 4-Chloro-3-methylphenol	12.08	107	548518	47.610	ng	99
37) 2-Methylnaphthalene	12.46	142	1021082	41.397	ng	100
38) 1-Methylnaphthalene	12.68	142	970820	41.705	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	442728	40.498	ng	98

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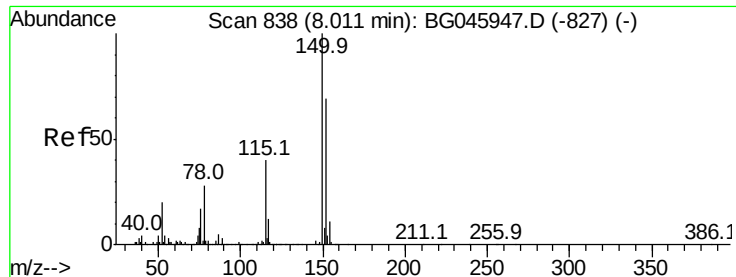
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	495029	76.313	nq	95
43) 2,4,6-Trichlorophenol	13.06	196	345759	46.766	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	371675	44.461	nq	100
46) 1,1'-Biphenyl	13.46	154	1221816	41.881	nq	99
47) 2-Chloronaphthalene	13.51	162	926047	40.231	nq	98
48) 2-Nitroaniline	13.70	65	345085	53.092	nq	99
49) Acenaphthylene	14.35	152	1522033	40.983	nq	99
50) Dimethylphthalate	14.09	163	1175469	40.388	nq	99
51) 2,6-Dinitrotoluene	14.20	165	255679	49.039	nq	96
52) Acenaphthene	14.69	154	1031882	44.050	nq	96
53) 3-Nitroaniline	14.53	138	253101	40.145	nq	# 89
54) 2,4-Dinitrophenol	14.73	184	180388	91.666	nq	88
55) Dibenzofuran	15.03	168	1392220	40.544	nq	99
56) 4-Nitrophenol	14.84	139	493771	104.133	nq	98
57) 2,4-Dinitrotoluene	14.99	165	343967	51.200	nq	98
58) Fluorene	15.68	166	1157540	41.092	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	312224m	48.375	nq	
60) Diethylphthalate	15.46	149	1229138	40.270	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	553501	39.496	nq	99
62) 4-Nitroaniline	15.69	138	307010	51.038	nq	97
63) Azobenzene	15.97	77	1385364	42.288	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	144439	51.526	nq	96
66) n-Nitrosodiphenylamine	15.88	169	1047299	41.981	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	357731	39.786	nq	99
68) Hexachlorobenzene	16.68	284	367432	40.724	nq	97
69) Atrazine	16.84	200	337073	45.700	nq	97
70) Pentachlorophenol	17.02	266	451867	90.077	nq	98
71) Phenanthrene	17.42	178	1744106	40.979	nq	98
72) Anthracene	17.51	178	1796661	41.597	nq	98
73) Carbazole	17.77	167	1714498	39.602	nq	99
74) Di-n-butylphthalate	18.35	149	2037739	38.950	nq	99
75) Fluoranthene	19.42	202	1971715	40.075	nq	98
77) Benzidine	19.60	184	1332869	70.381	nq	96
78) Pyrene	19.78	202	1944497	43.009	nq	98
80) Butylbenzylphthalate	20.68	149	955568	44.726	nq	98
81) Benzo(a)anthracene	21.61	228	1790140	41.104	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	555042	34.490	nq	99
83) Chrysene	21.68	228	1733227	41.775	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1310475	42.255	nq	100
85) Di-n-octyl phthalate	22.75	149	2259722	41.987	nq	99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2178703	43.029	nq	99
88) Benzo(b)fluoranthene	23.79	252	1909779	43.468	nq	99
89) Benzo(k)fluoranthene	23.86	252	1798840	43.300	nq	98
90) Benzo(a)pyrene	24.64	252	1760657	42.616	nq	98
91) Dibenzo(a,h)anthracene	28.44	278	1778510	43.550	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1776105	43.217	nq	98

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



#1

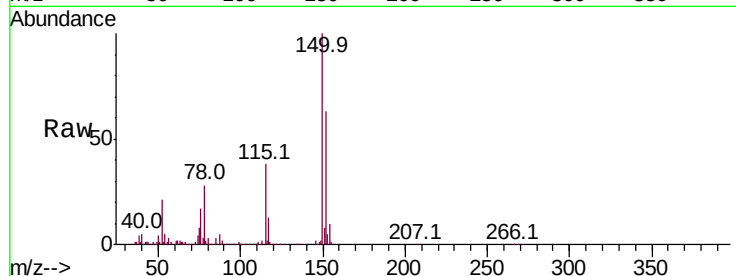
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	116.7	175.1
115	59.5	47.4	71.0

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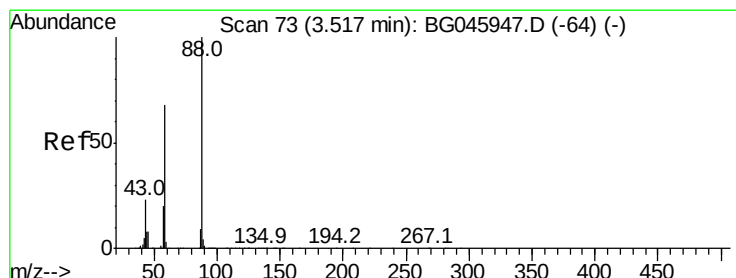
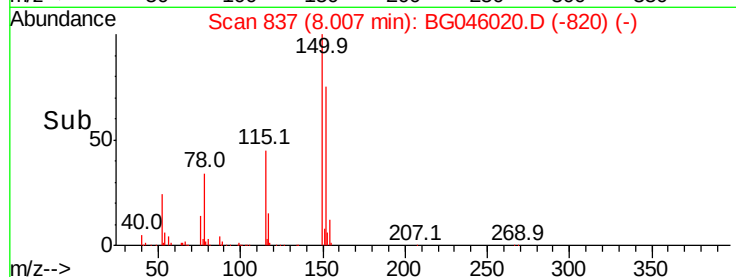
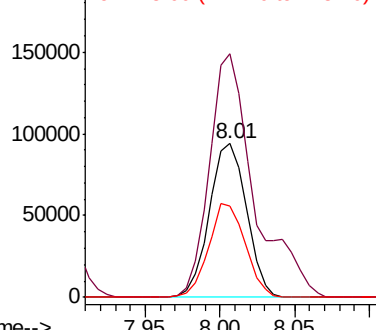


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

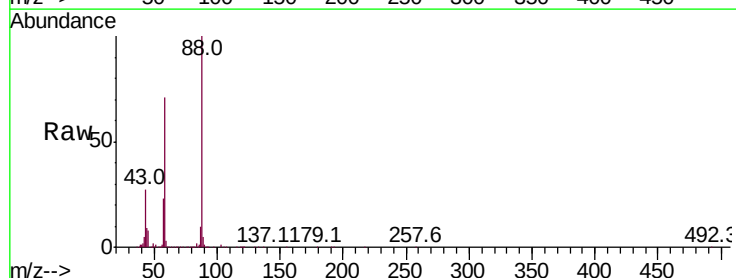
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.560 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	55.2	82.8
43	25.3	19.4	29.0

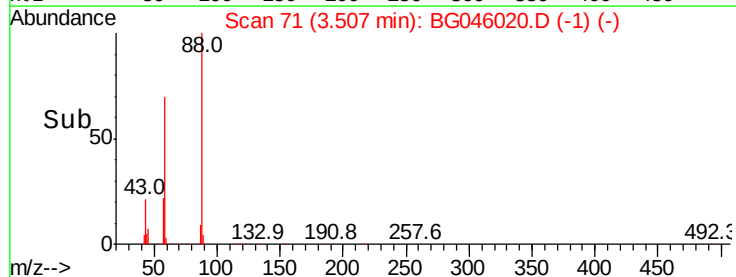
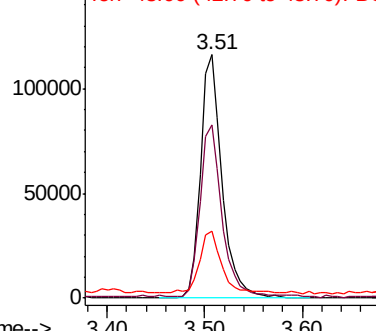


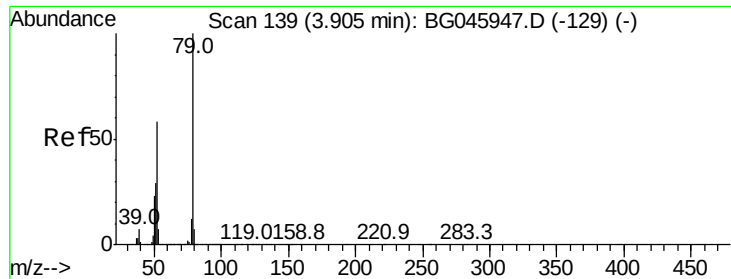
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.004 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

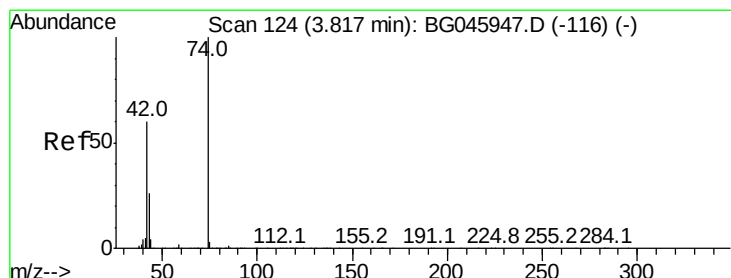
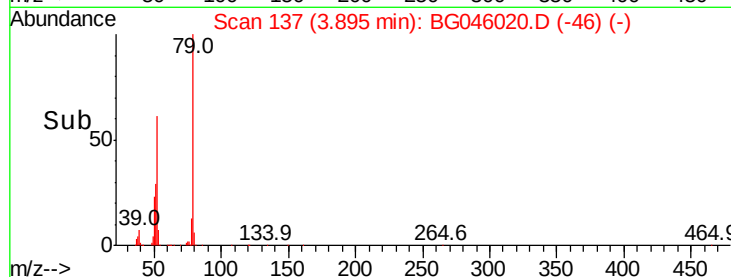
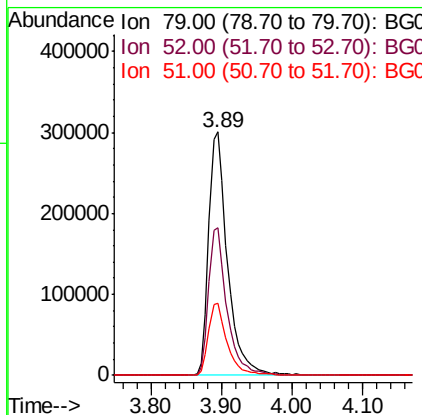
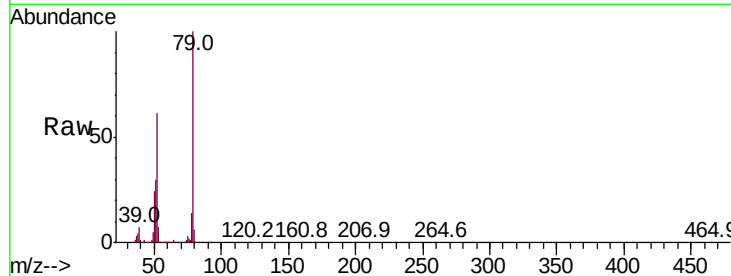
ClientSampleId :

PB130142BS

Tot Ion:	79	Resp:	557783
Ion Ratio	Lower	Upper	
79	100		
52	60.7	46.5	69.7
51	29.8	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 47.055 ng

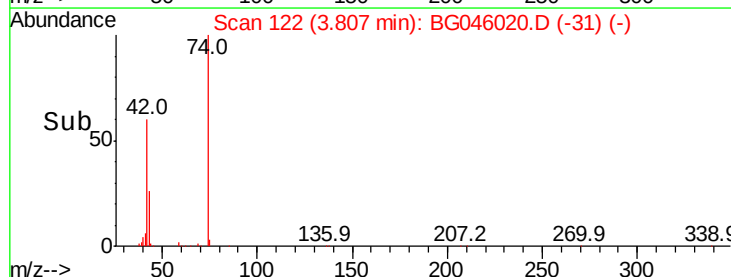
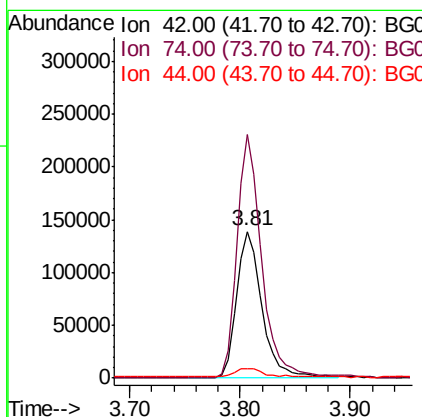
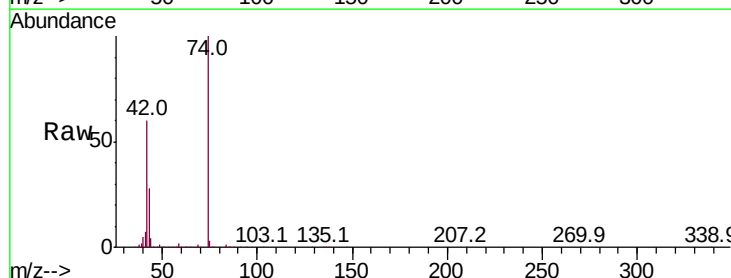
RT: 3.81 min Scan# 122

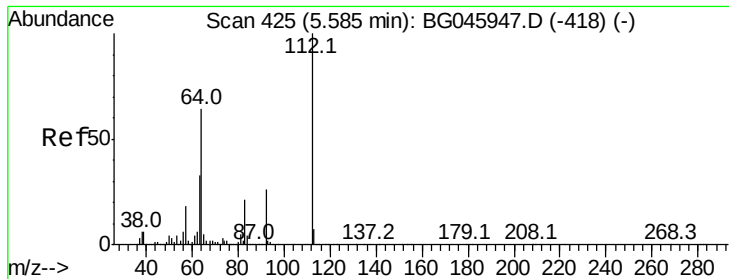
Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:	42	Resp:	221855
Ion Ratio	Lower	Upper	
42	100		
74	166.4	131.9	197.9
44	6.6	7.7	11.5#





#5

2-Fluorophenol

Concen: 141.655 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion:112 Resp: 1415843

Ion Ratio Lower Upper

112 100

64 67.6 51.4 77.2

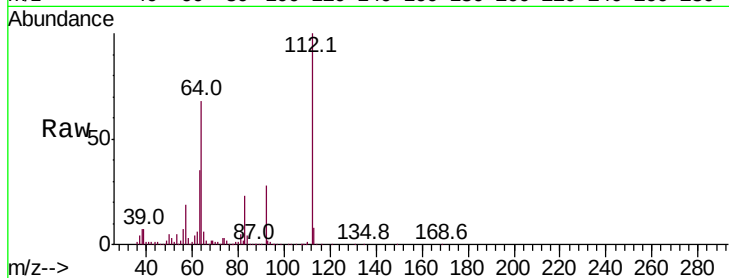
63 35.3 26.6 40.0

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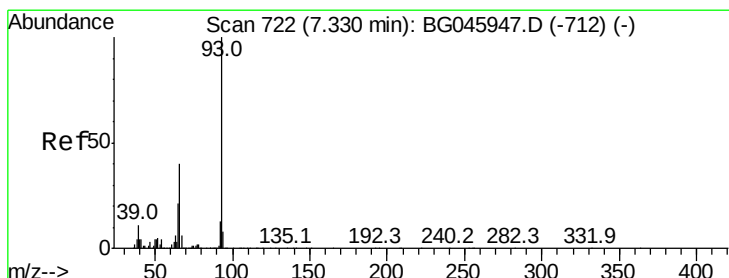
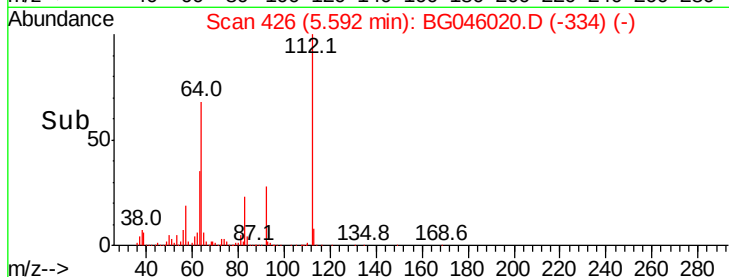
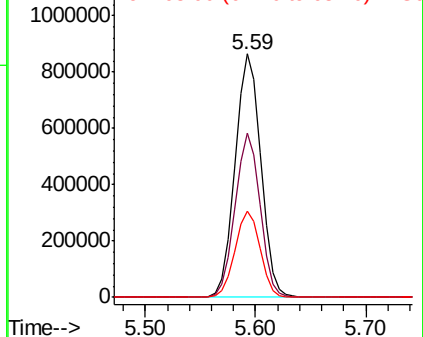
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.680 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

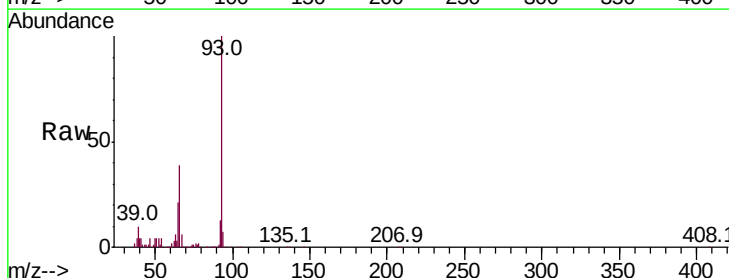
Tgt Ion: 93 Resp: 656820

Ion Ratio Lower Upper

93 100

66 38.9 32.3 48.5

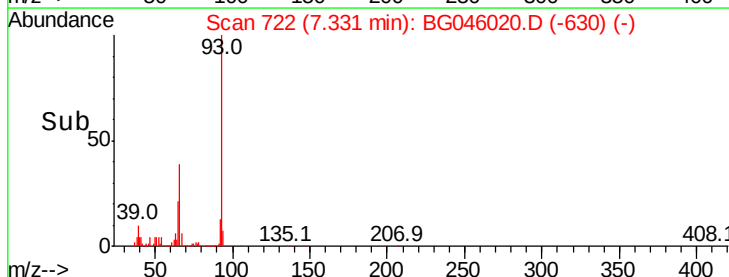
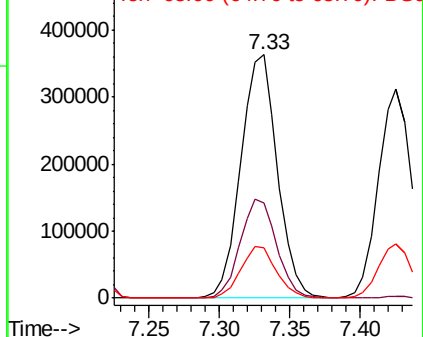
65 20.6 16.6 25.0

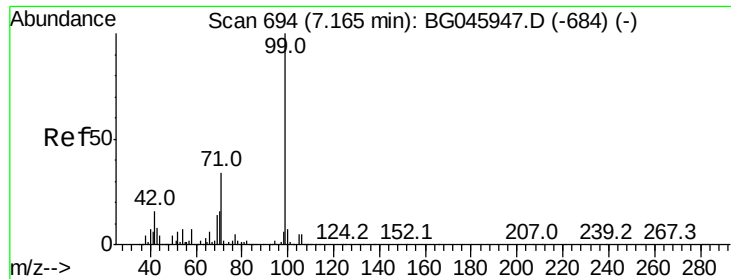


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.471 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion: 99 Resp: 1920643

Ion Ratio Lower Upper

99 100

42 18.4 13.0 19.4

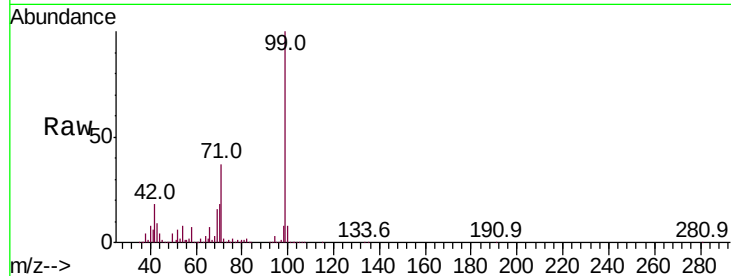
71 37.0 27.5 41.3

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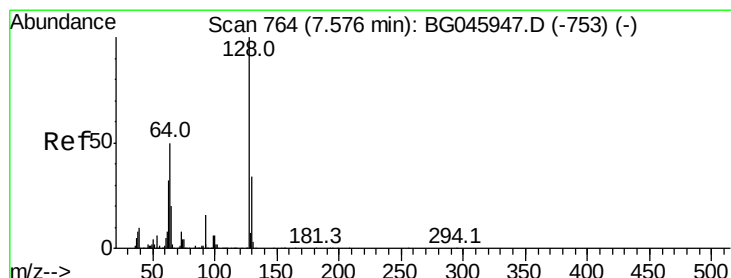
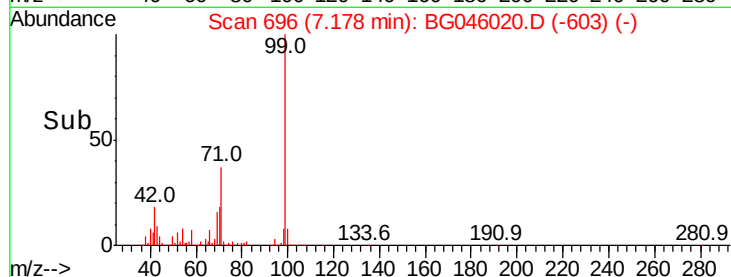
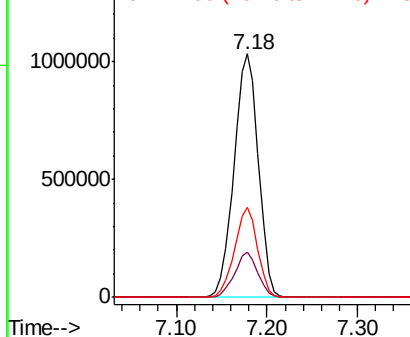
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.397 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

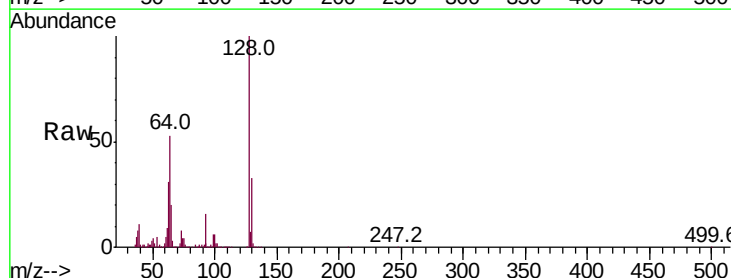
Tgt Ion: 128 Resp: 520723

Ion Ratio Lower Upper

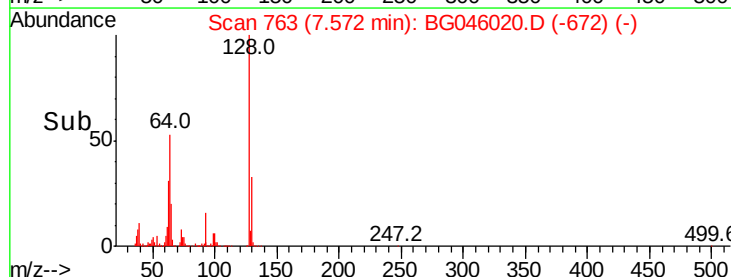
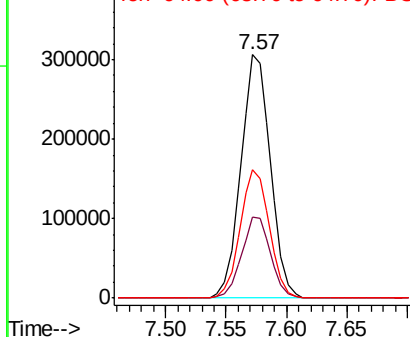
128 100

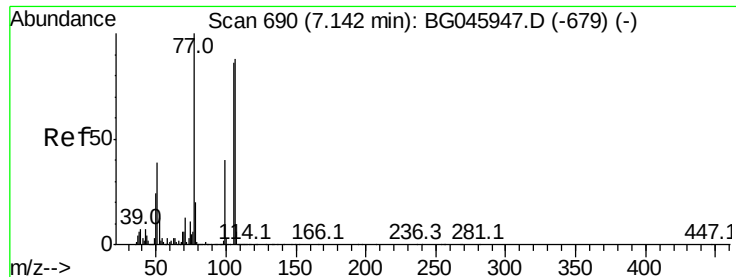
130 33.3 13.6 53.6

64 52.5 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: 21.118 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

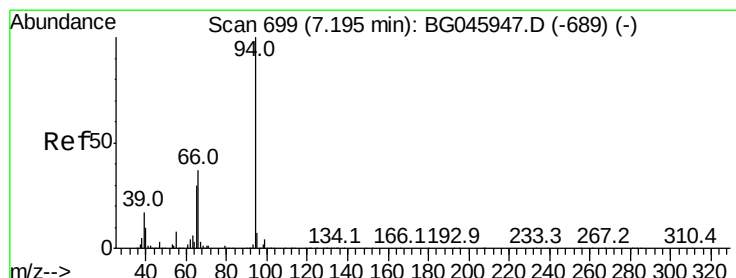
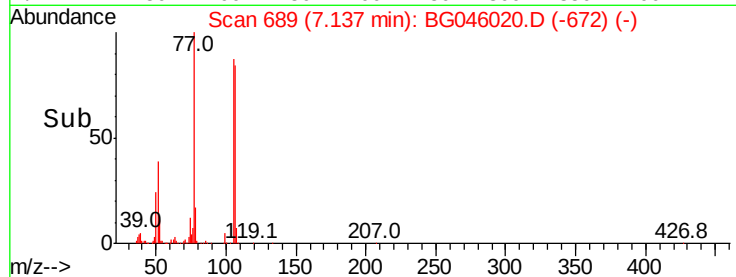
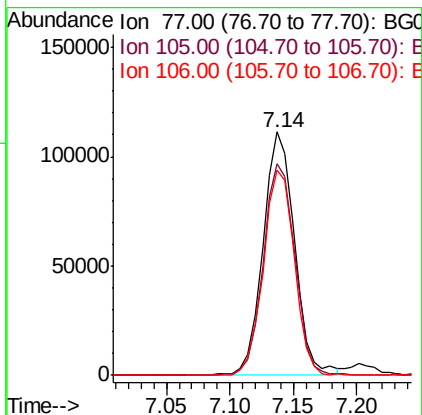
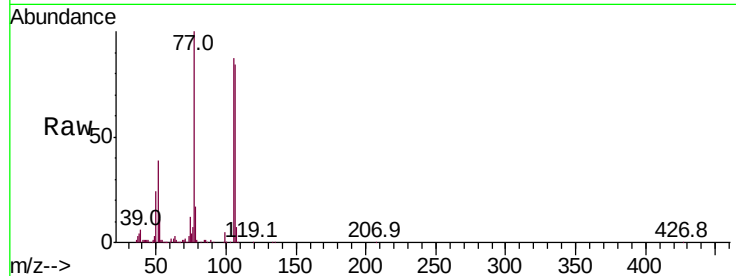
ClientSampled :

PB130142BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.1	66.0	106.0
106	84.2	67.7	107.7

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#10

Phenol

Concen: 47.643 ng

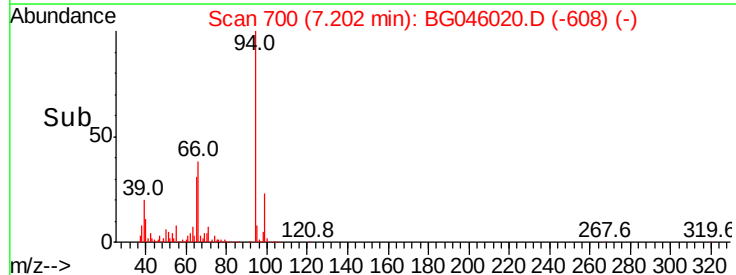
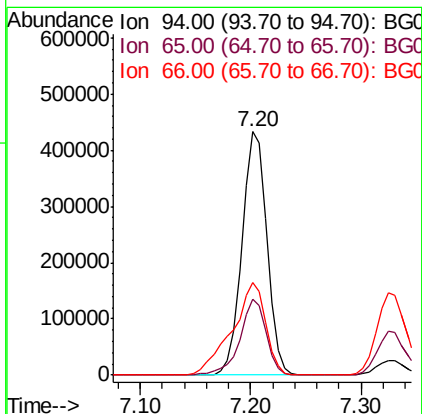
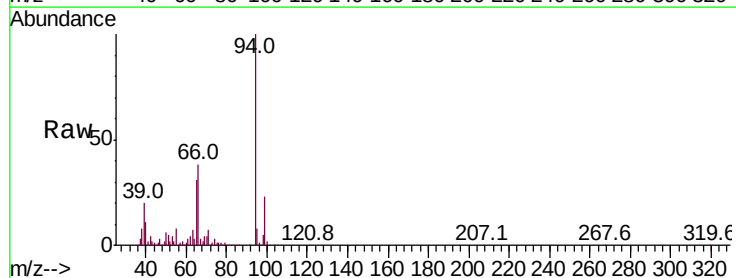
RT: 7.20 min Scan# 700

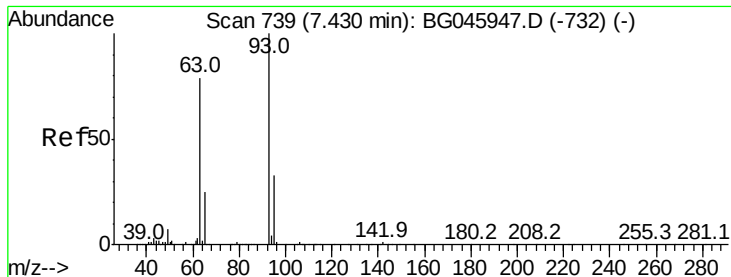
Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.6	50.6
66	38.0	17.1	57.1





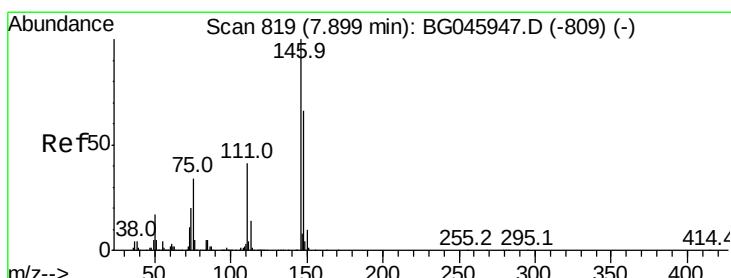
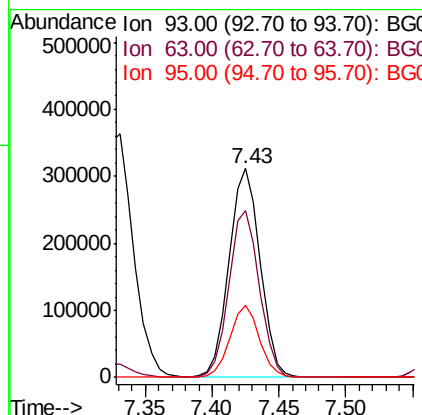
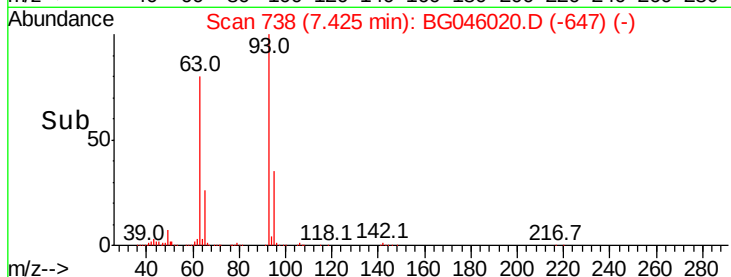
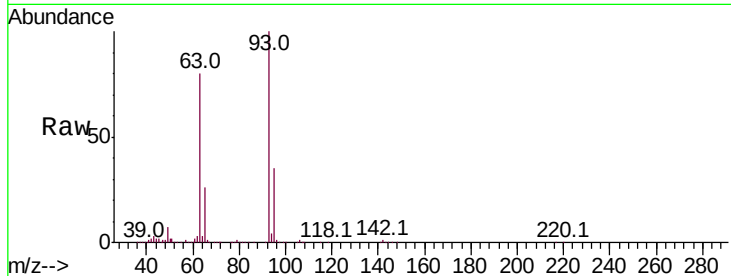
#11
bis(2-Chloroethyl)ether
Concen: 42.366 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	58.6	98.6
95	34.6	13.3	53.3

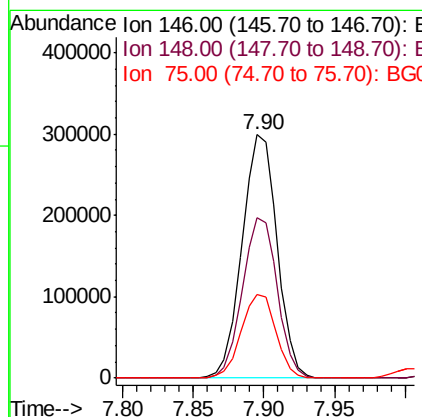
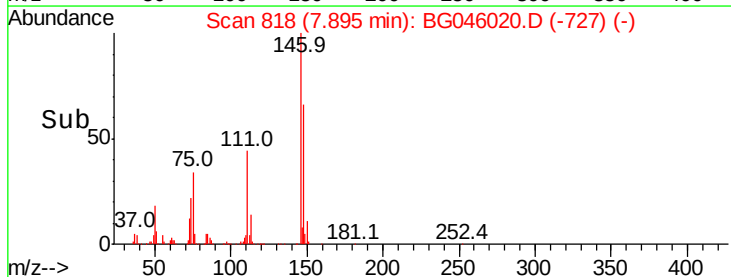
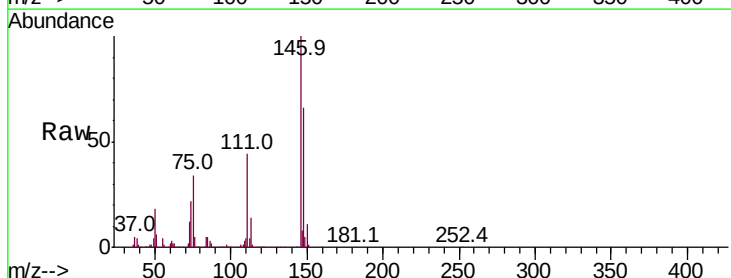
Manual Integrations
APPROVED

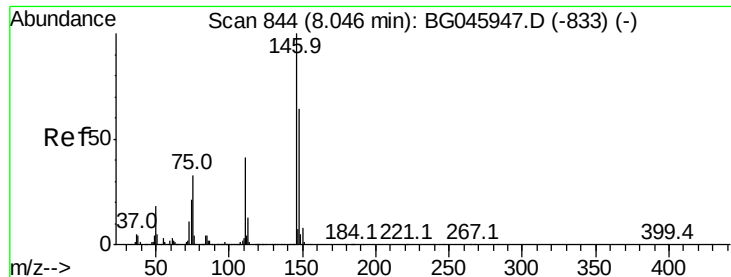
mohammad
7/14/2020 12:01:29 PM



#12
1,3-Dichlorobenzene
Concen: 41.758 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.8	79.2
75	34.1	27.2	40.8





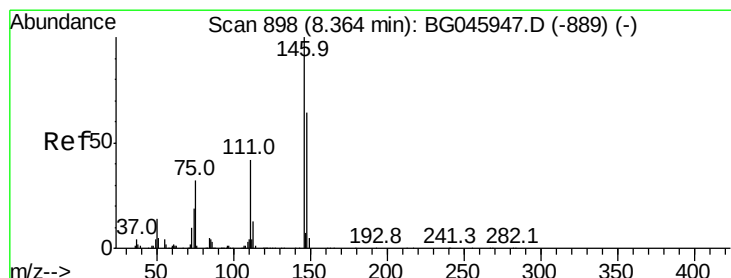
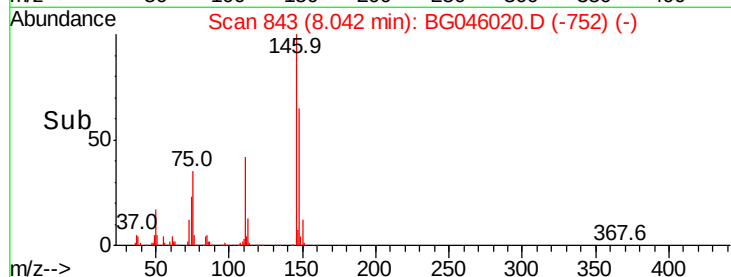
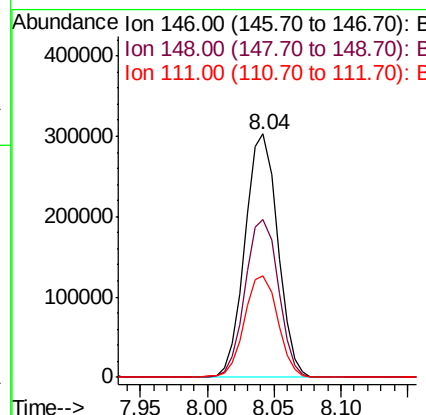
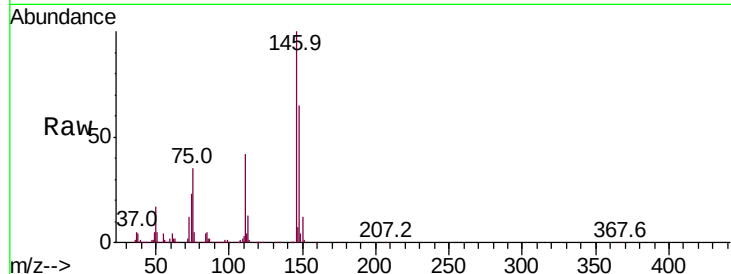
#13
1,4-Dichlorobenzene
Concen: 41.954 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	41.9	33.3	49.9

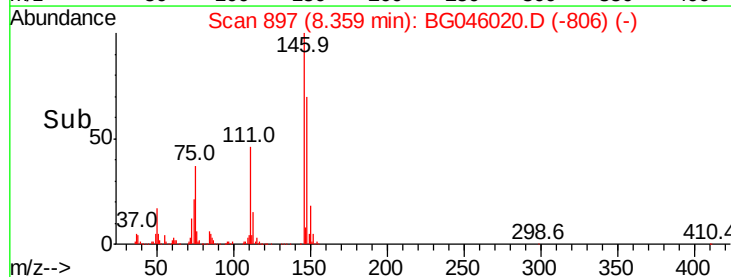
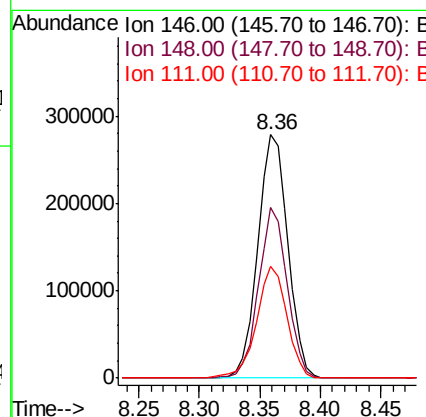
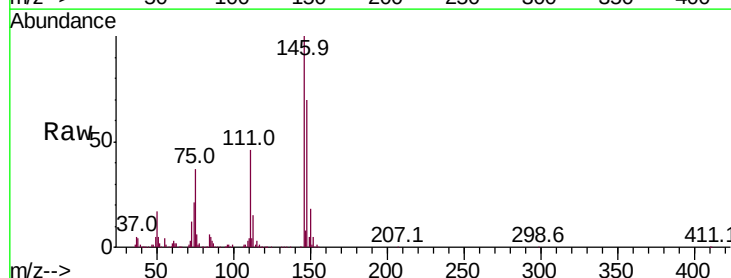
Manual Integrations
APPROVED

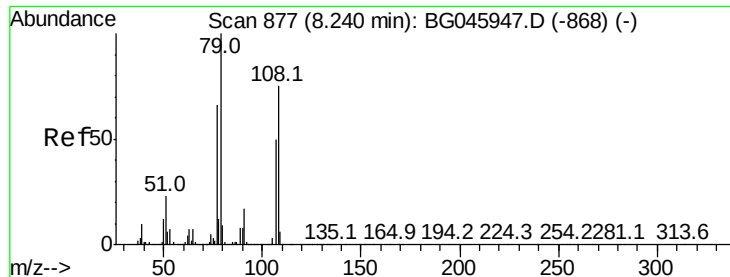
mohammad
7/14/2020 12:01:29 PM



#14
1,2-Dichlorobenzene
Concen: 40.898 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.3	51.6	77.4
111	45.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 44.039 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

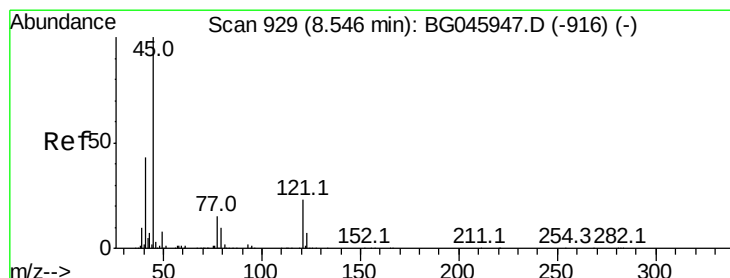
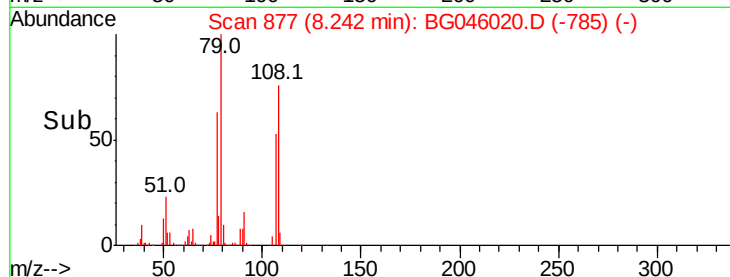
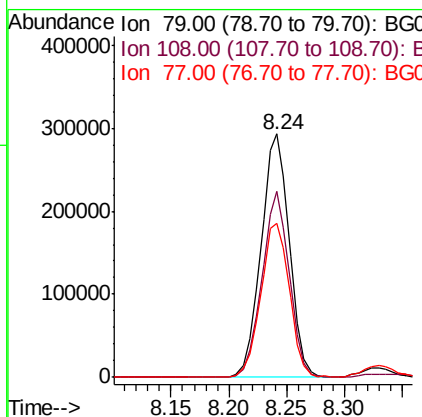
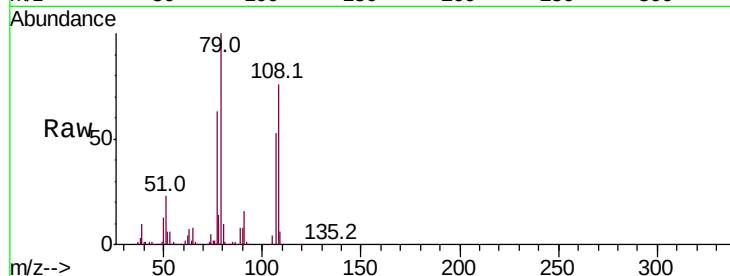
ClientSampleId :

PB130142BS

Tot Ion:	79	Resp:	496897
Ion Ratio	Lower	Upper	
79	100		
108	76.2	60.2	90.4
77	63.1	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.712 ng

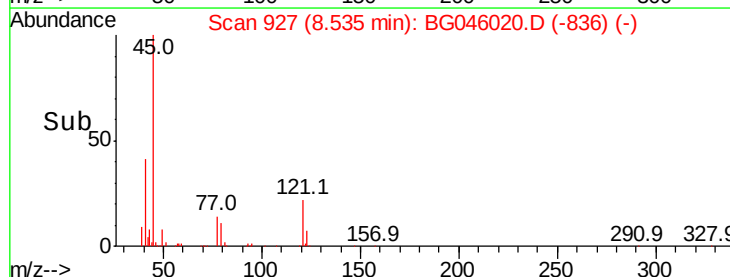
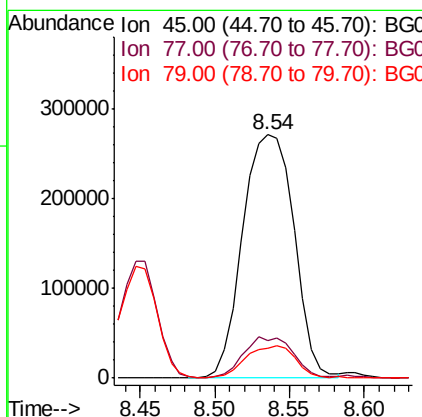
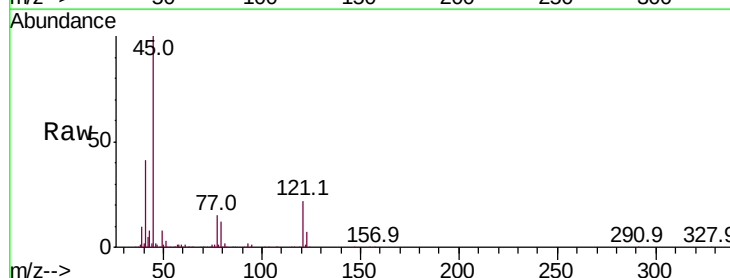
RT: 8.54 min Scan# 927

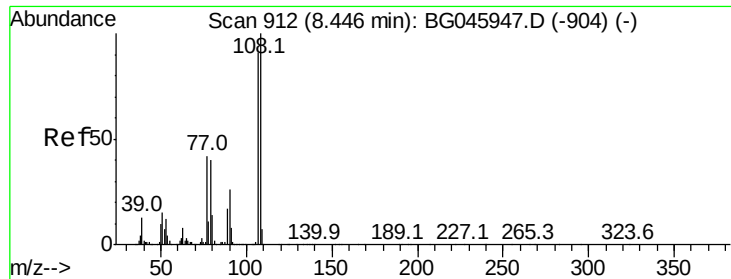
Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:	45	Resp:	649610
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	37.6
79	12.1	0.0	32.6





#17

2-Methylphenol

Concen: 42.524 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

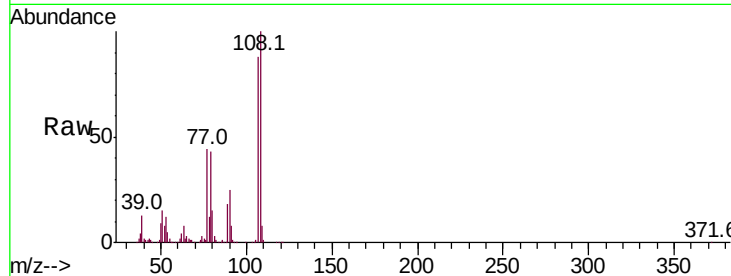
ClientSampleId :

PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	460588		
108	113.0		88.2	132.4
77	50.2		37.0	55.4
79	48.1		35.4	53.0

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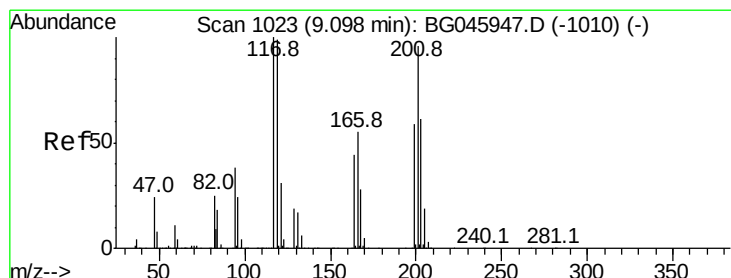
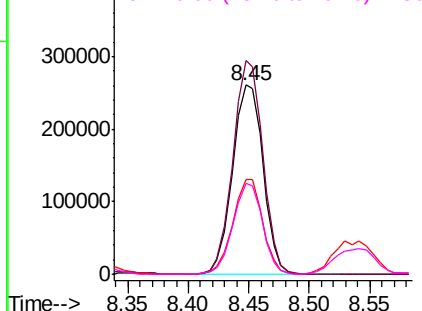
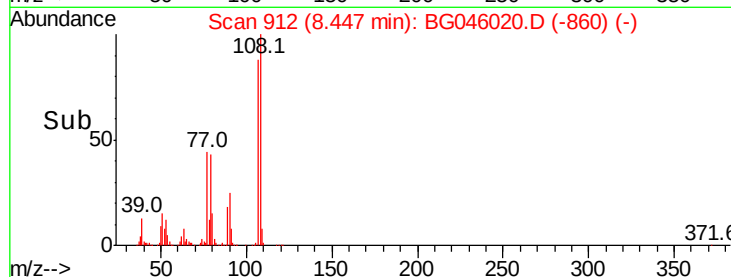
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.920 ng

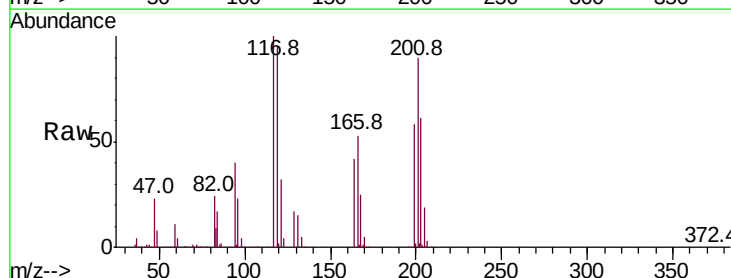
RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196781		
119	95.4		79.5	119.3
201	90.1		77.0	115.4

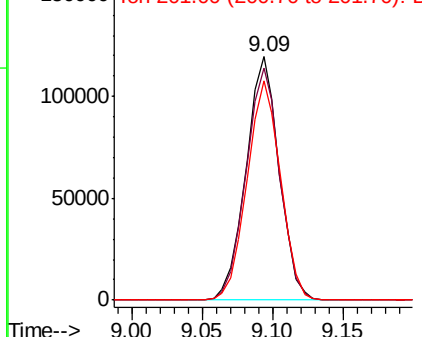
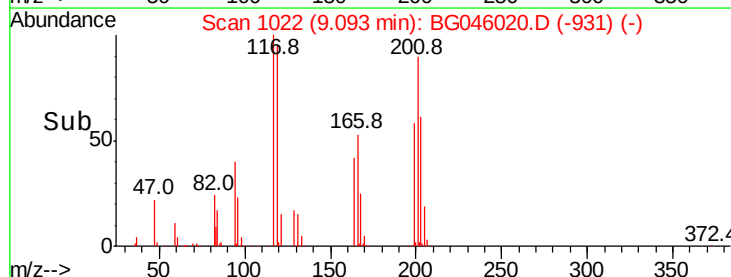


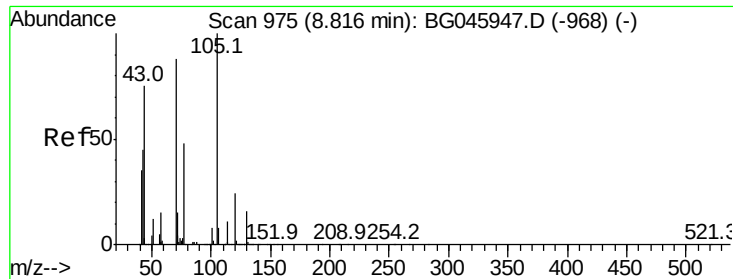
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





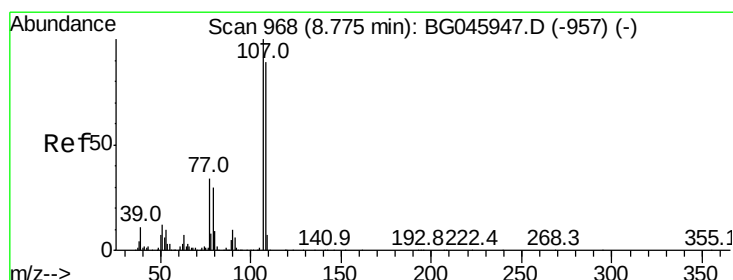
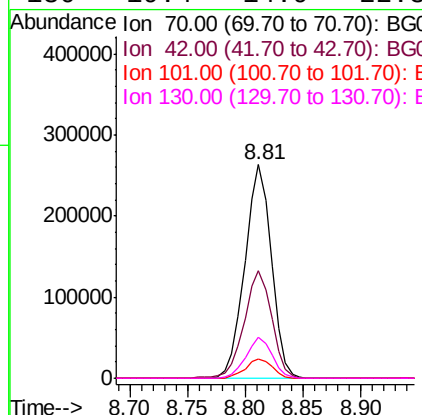
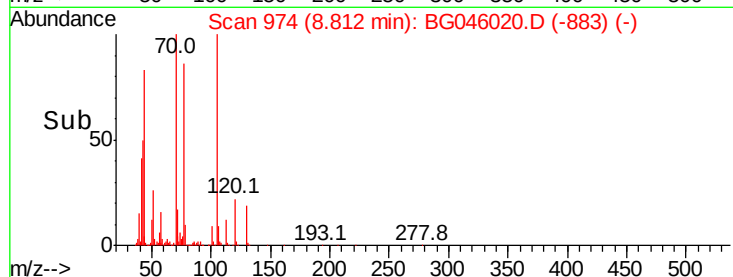
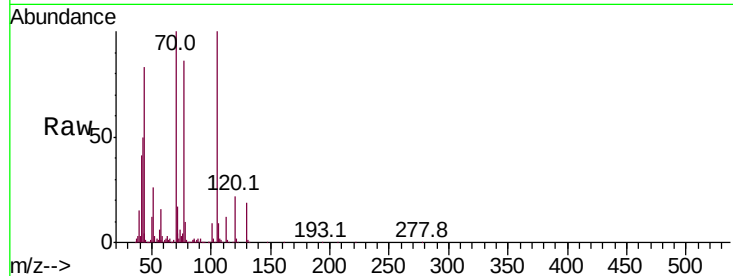
#19
n-Nitroso-di-n-propylamine
Concen: 41.516 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	41.4	62.0
101	8.8	7.1	10.7
130	19.4	14.9	22.3

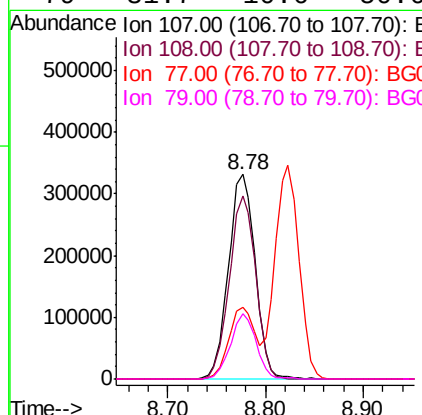
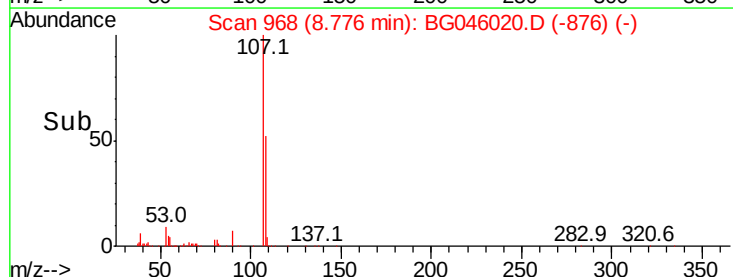
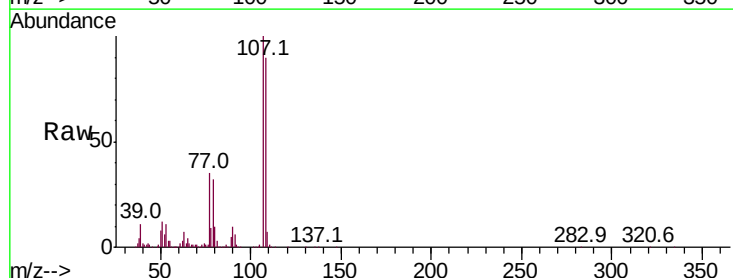
Manual Integrations
APPROVED

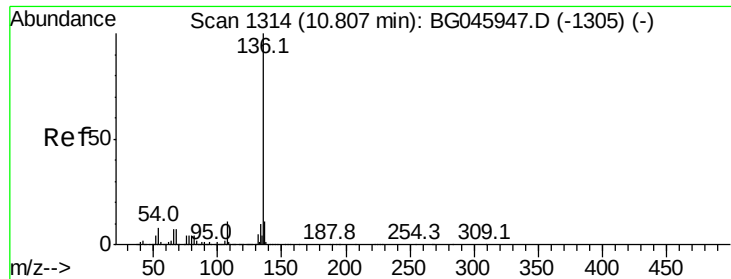
mohammad
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#20
3+4-Methylphenols
Concen: 42.535 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.7	108.7
77	35.0	14.6	54.6
79	31.7	10.6	50.6





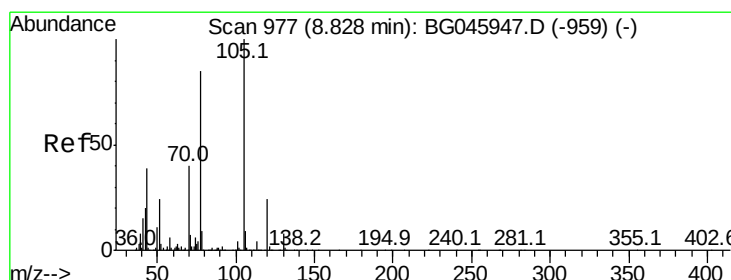
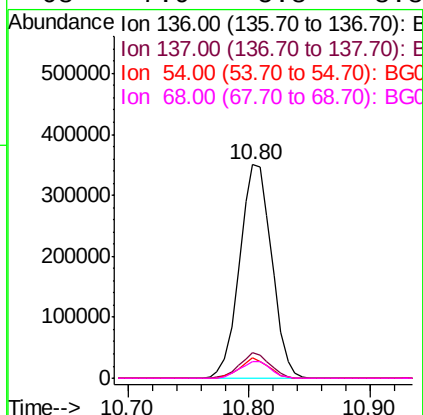
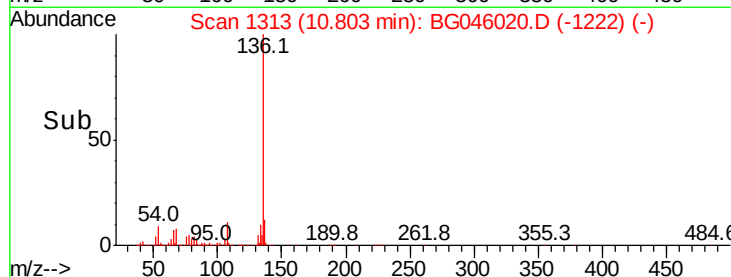
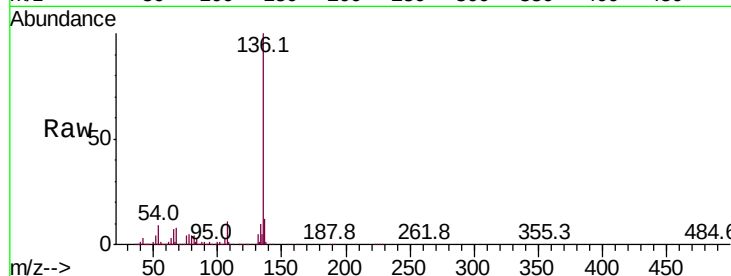
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	647259		
137	11.8		9.2	13.8
54	9.3		6.2	9.4
68	7.9		5.8	8.8

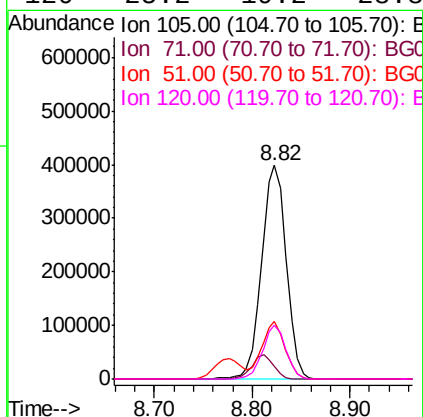
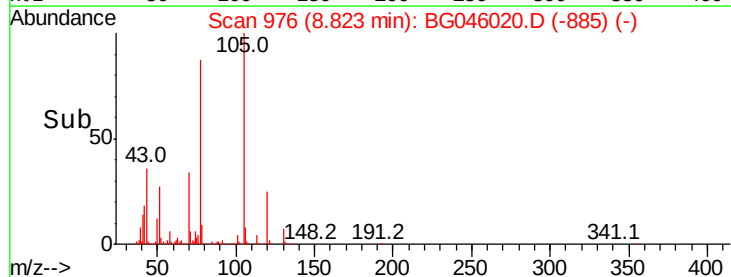
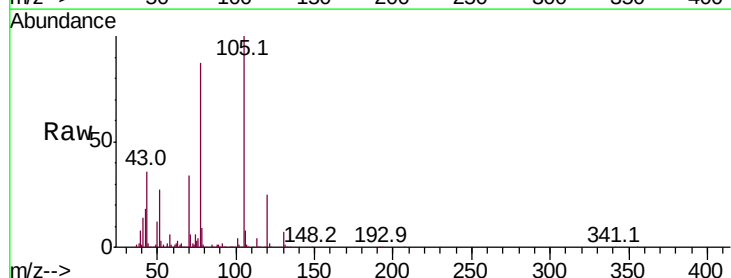
Manual Integrations
APPROVED

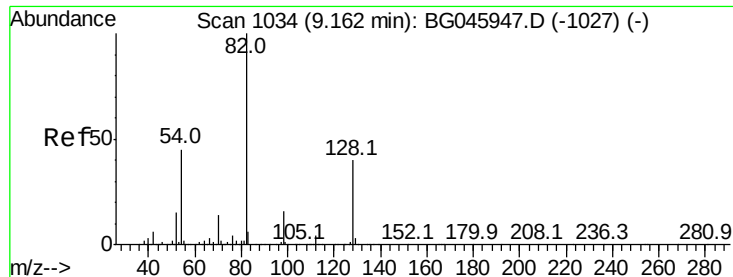
mohammad
7/14/2020 12:01:29 PM



#22
Acetophenone
Concen: 40.955 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	708165		
71	6.1		6.2	9.2#
51	26.7		19.7	29.5
120	25.2		19.2	28.8





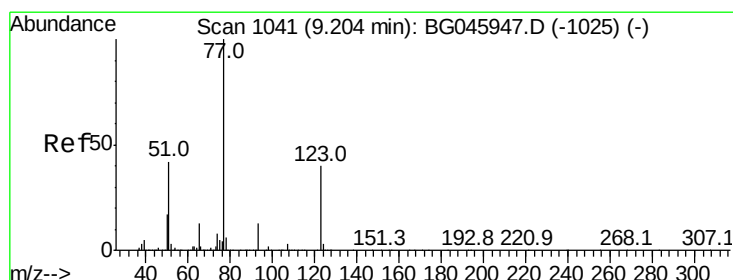
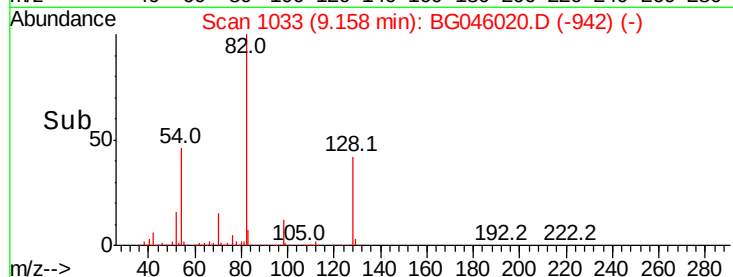
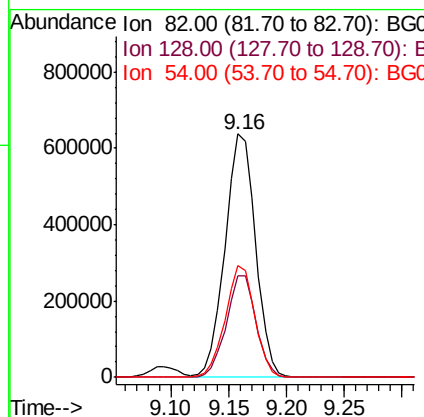
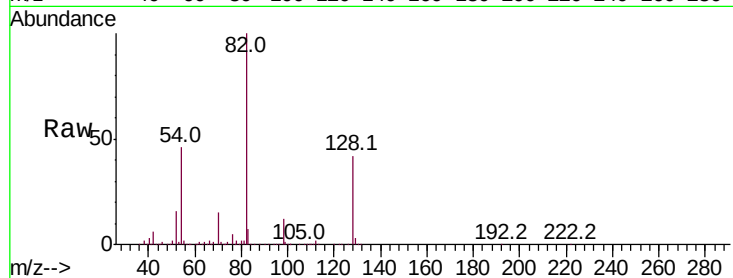
#23
Nitrobenzene-d5
Concen: 103.419 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.4
54	45.7	35.8	53.6

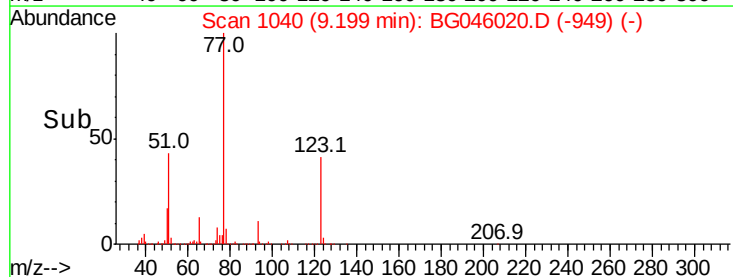
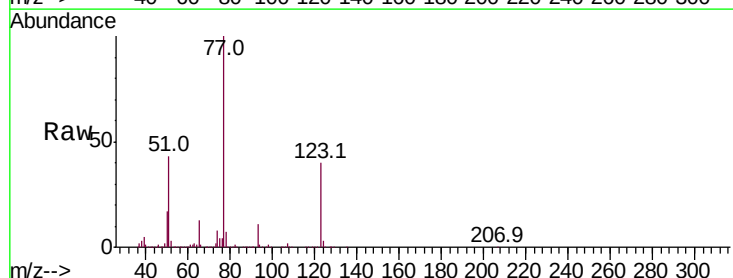
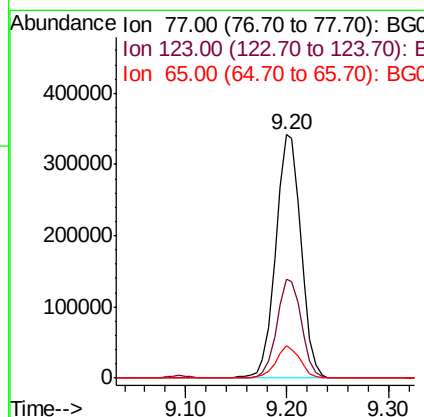
Manual Integrations
APPROVED

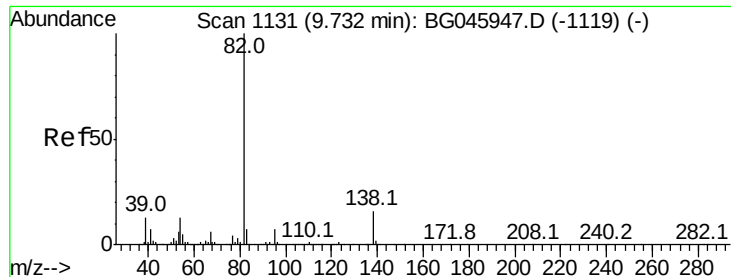
mohammad
7/14/2020 12:01:29 PM



#24
Nitrobenzene
Concen: 47.936 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

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





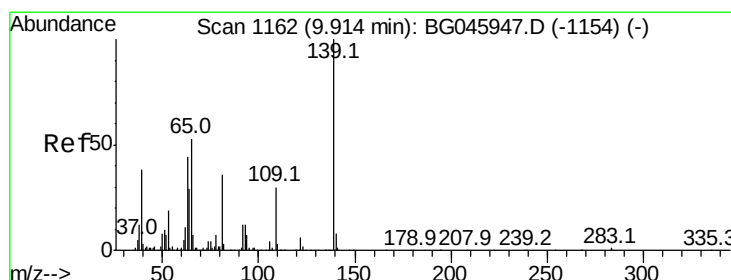
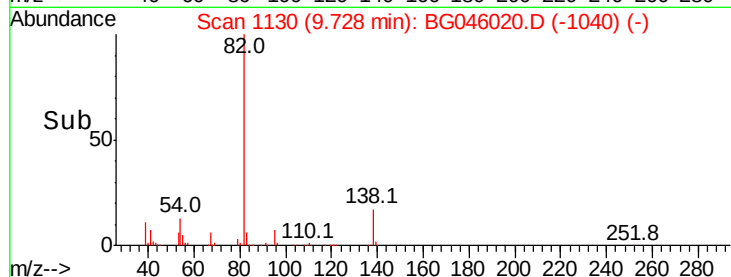
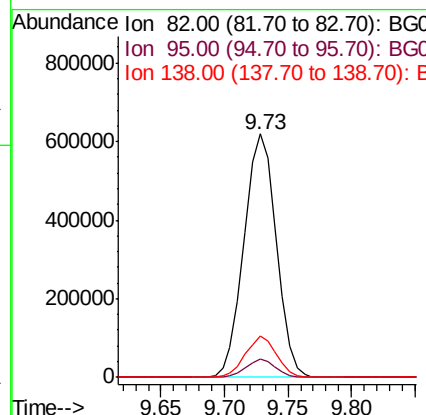
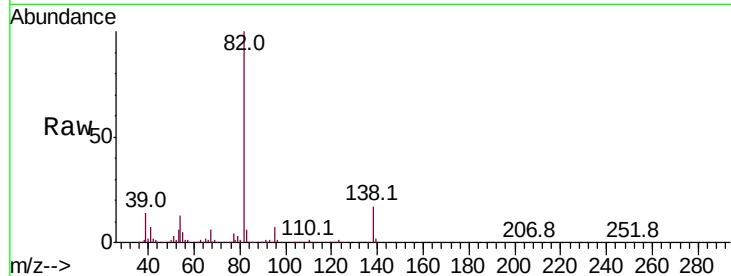
#25
Isophorone
Concen: 39.959 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	17.1	12.9	19.3

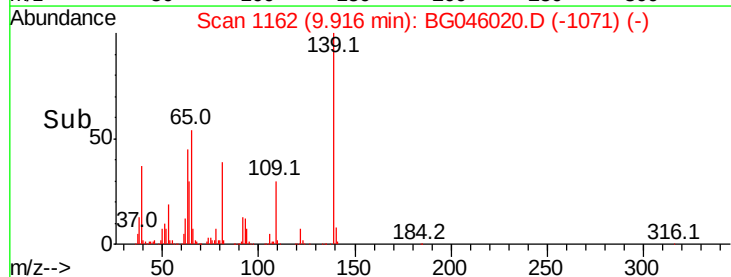
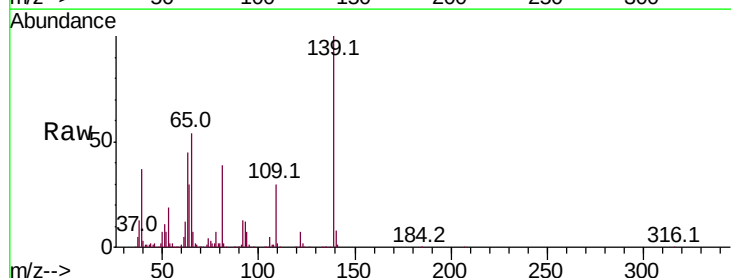
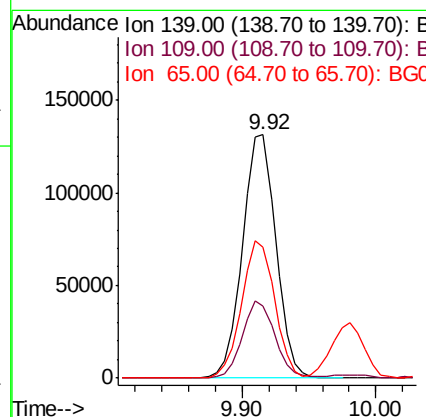
Manual Integrations
APPROVED

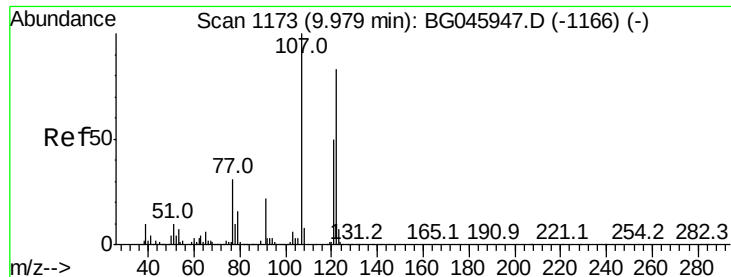
mohammad
7/14/2020 12:01:29 PM



#26
2-Nitrophenol
Concen: 56.156 ng
RT: 9.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	24.6	37.0
65	53.7	42.6	64.0





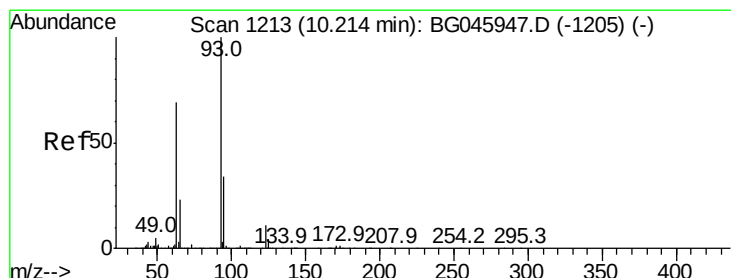
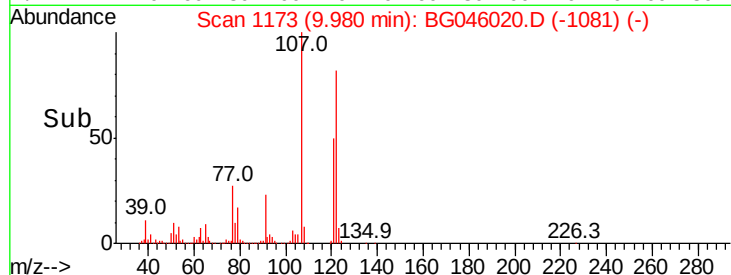
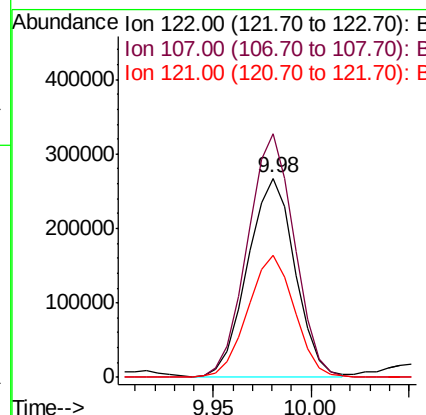
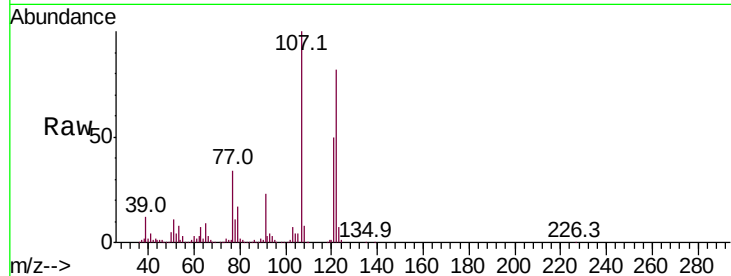
#27
2,4-Dimethylphenol
Concen: 45.768 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	447228		
107	122.5	95.6	143.4	
121	61.7	47.7	71.5	

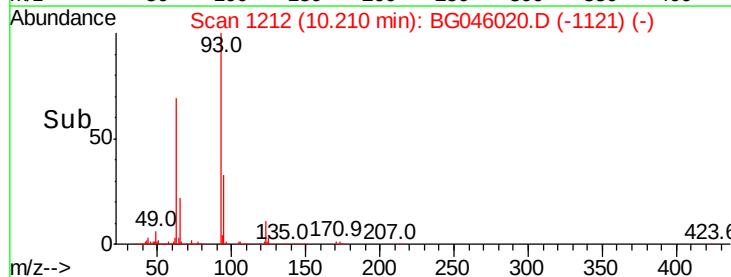
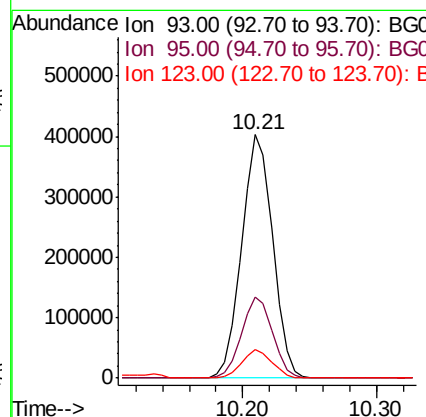
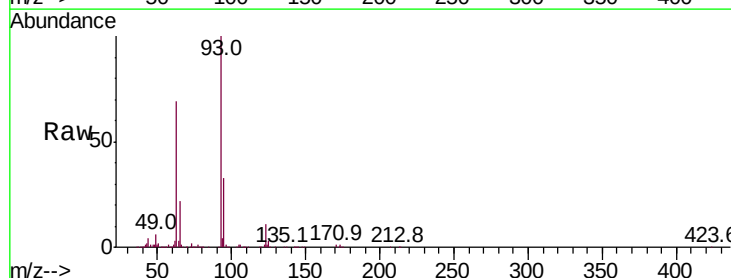
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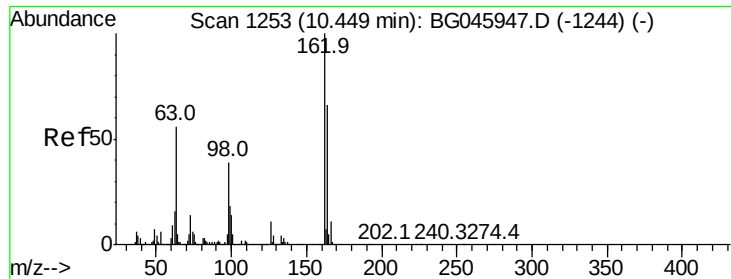
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.953 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	646742		
95	33.3	27.5	41.3	
123	11.5	9.2	13.8	





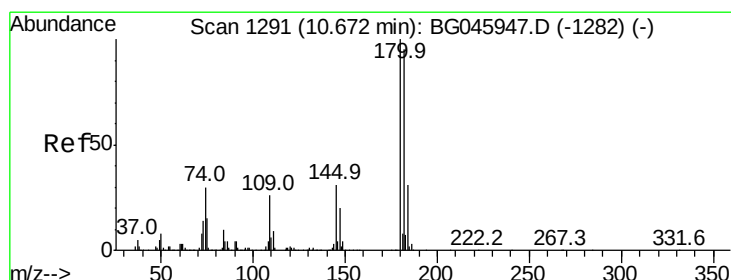
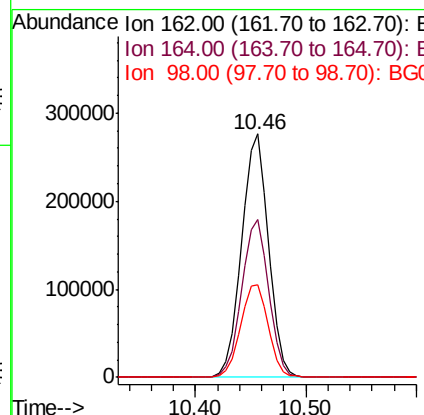
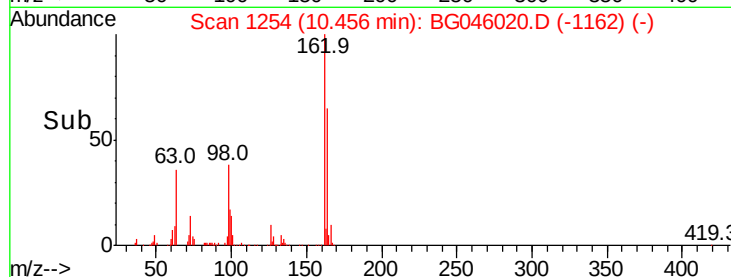
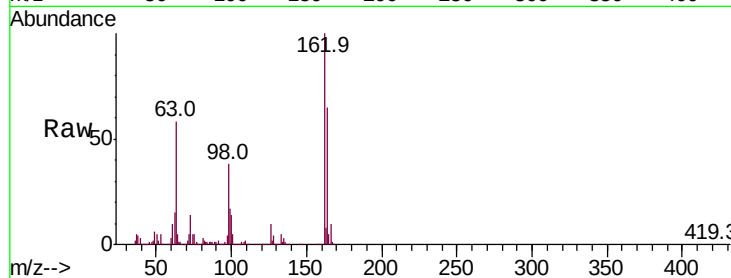
#29
2,4-Dichlorophenol
Concen: 46.820 ng
RT: 10.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	46.0	86.0
98	38.1	19.2	59.2

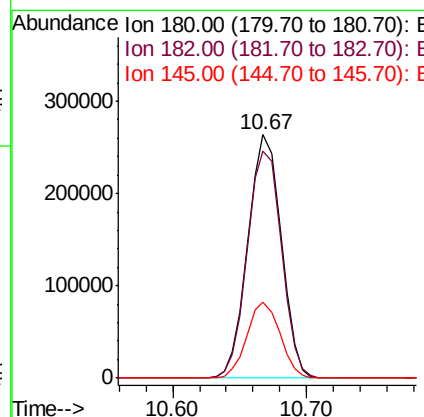
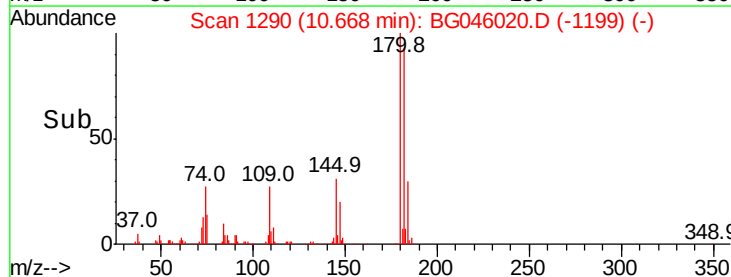
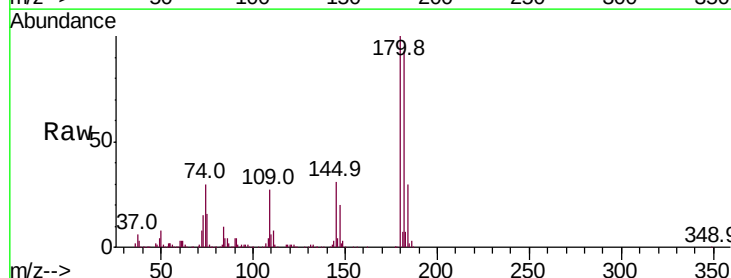
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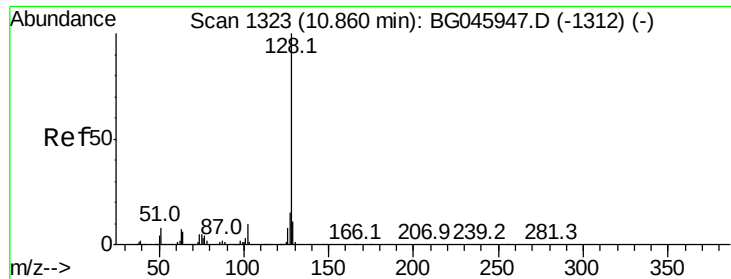
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.691 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.3	76.3	114.5
145	31.4	24.8	37.2





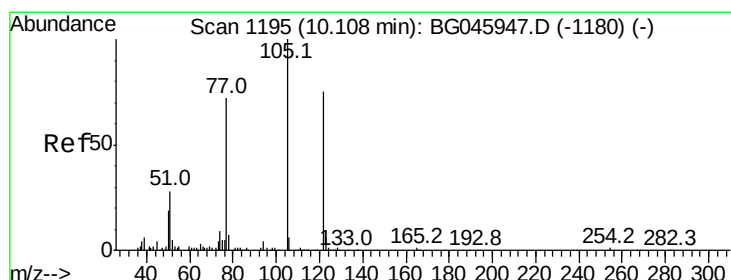
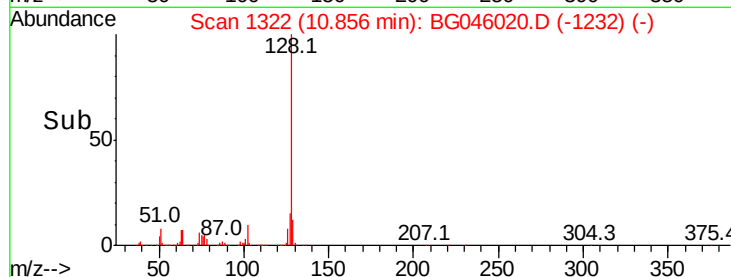
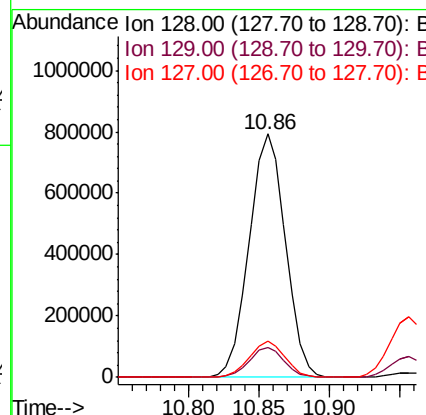
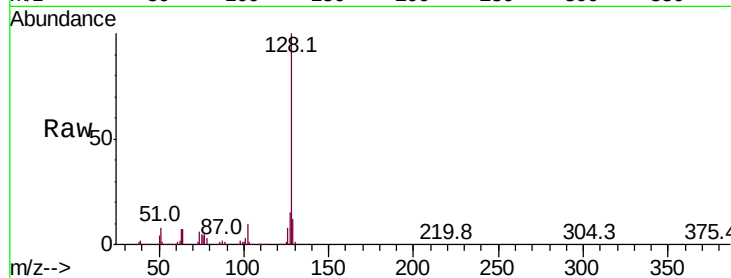
#31
Naphthalene
Concen: 41.146 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampled :
PB130142BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	14.8	11.8	17.6

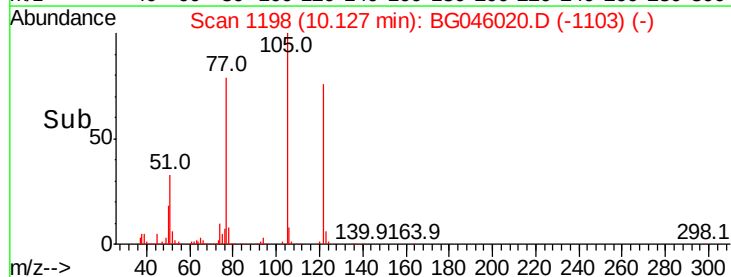
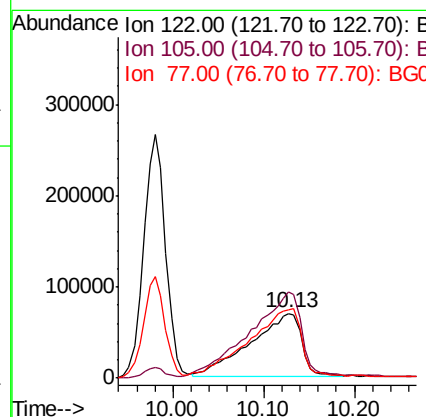
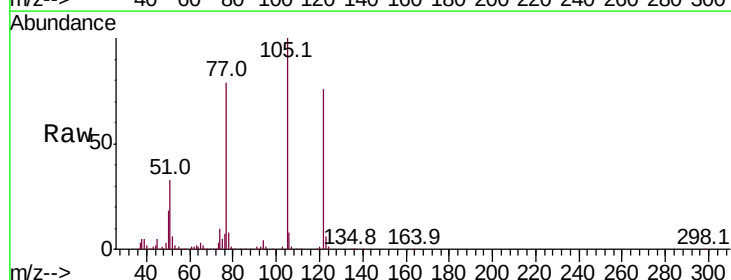
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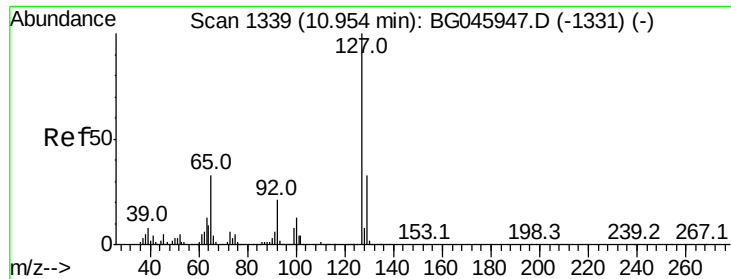
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#32
Benzoic acid
Concen: 45.874 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.03 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	110.8	150.8
77	104.4	76.4	116.4





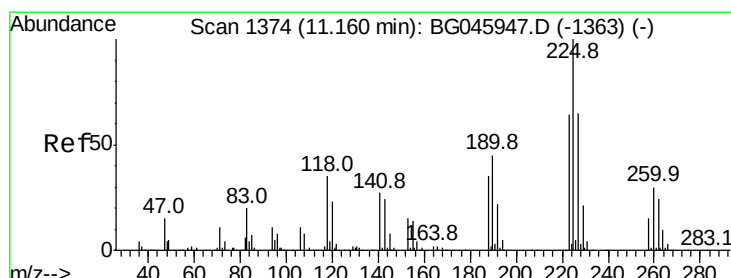
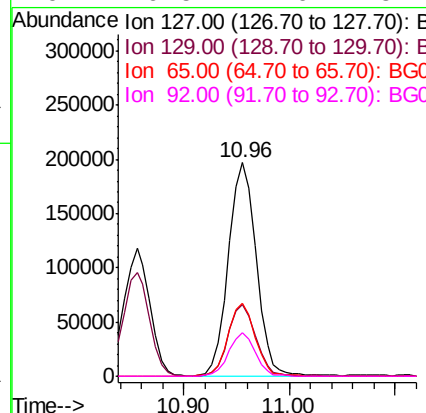
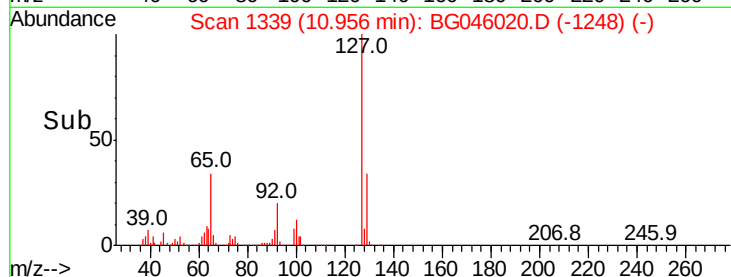
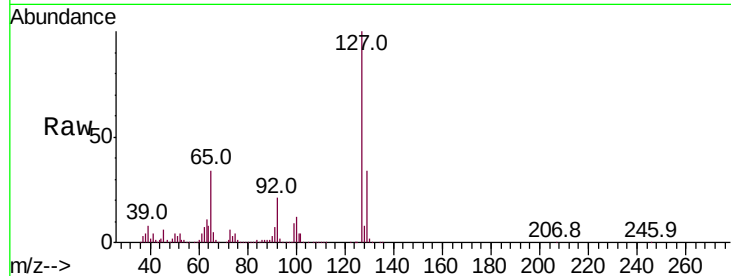
#33
4-Chloroaniline
Concen: 23.151 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	26.6	39.8	
65	34.0	26.8	40.2	
92	20.5	17.0	25.4	

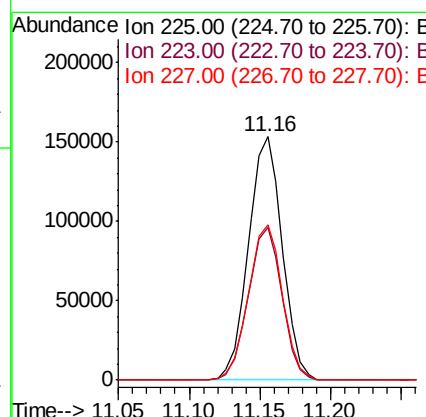
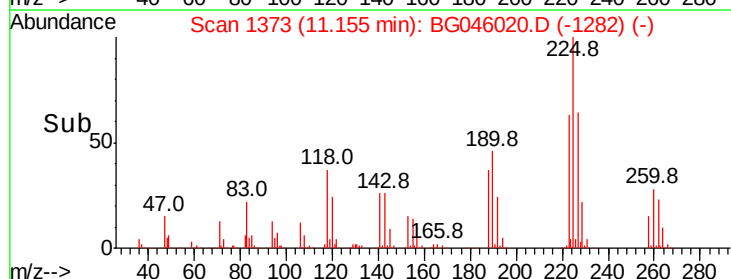
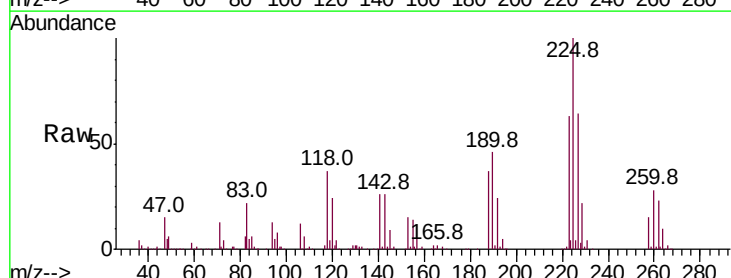
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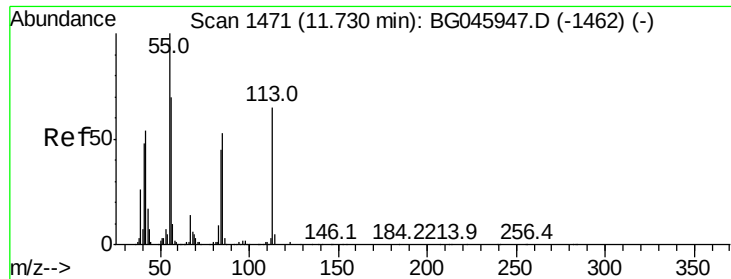
mohammad
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#34
Hexachlorobutadiene
Concen: 39.245 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.2	76.8	
227	63.5	52.3	78.5	





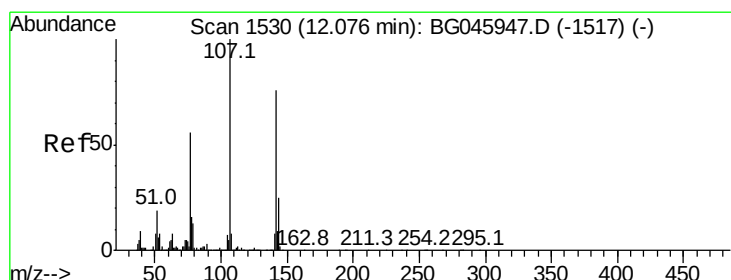
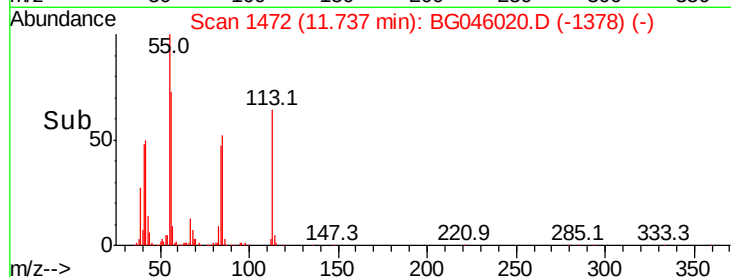
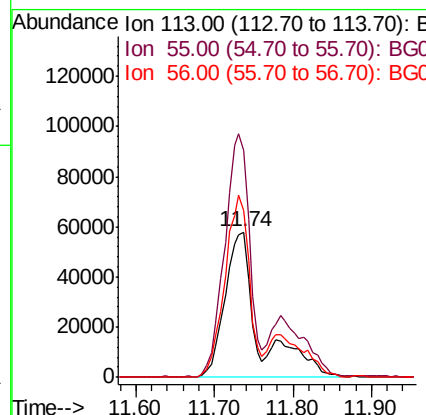
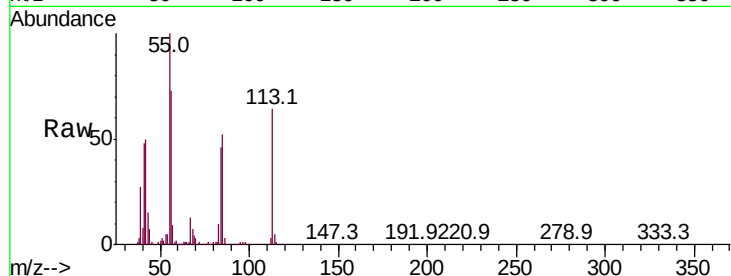
#35
Caprolactam
Concen: 45.465 ng/ml
RT: 11.74 min Scan# 1472
Delta R.T. 0.02 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	156.6	141.6	181.6		
56	114.7	89.6	129.6		

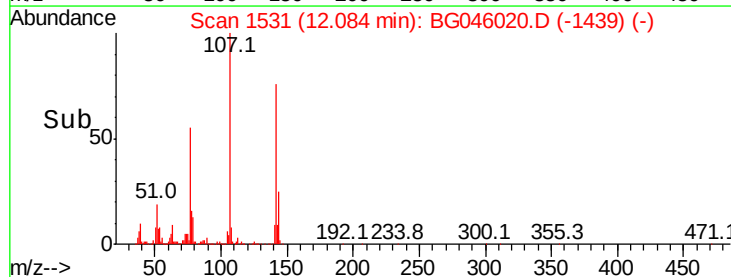
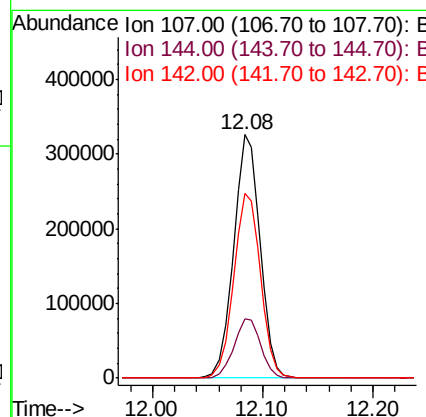
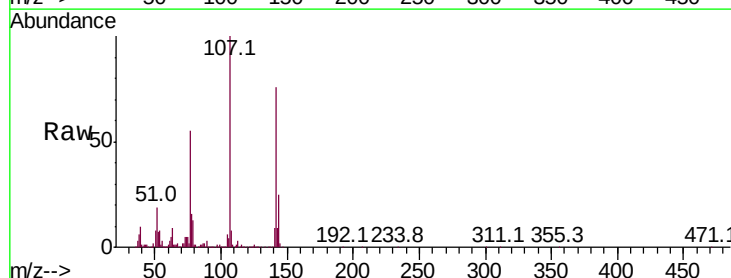
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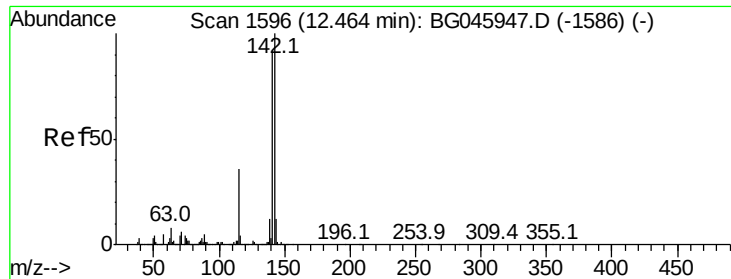
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.610 ng/ml
RT: 12.08 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.5	20.0	30.0		
142	75.9	61.1	91.7		





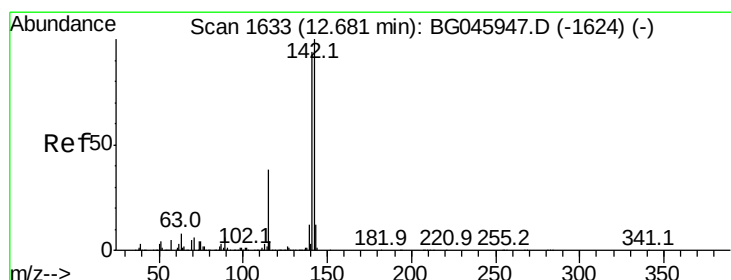
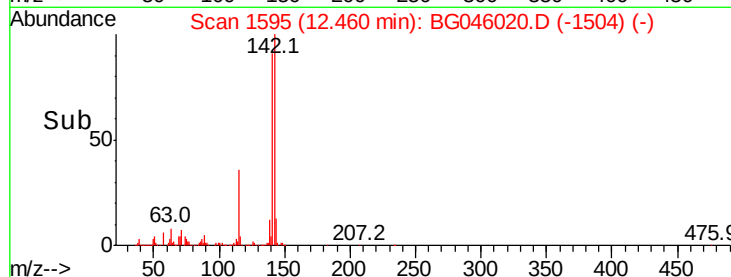
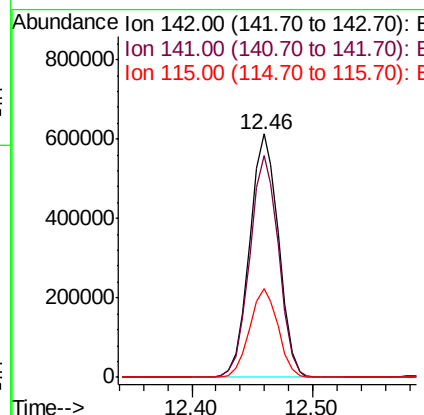
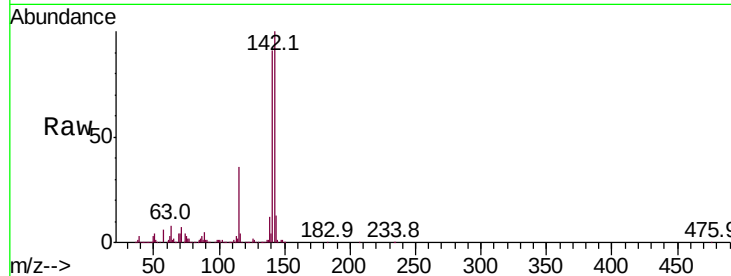
#37
2-Methylnaphthalene
Concen: 41.397 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6
115	36.3	28.8	43.2

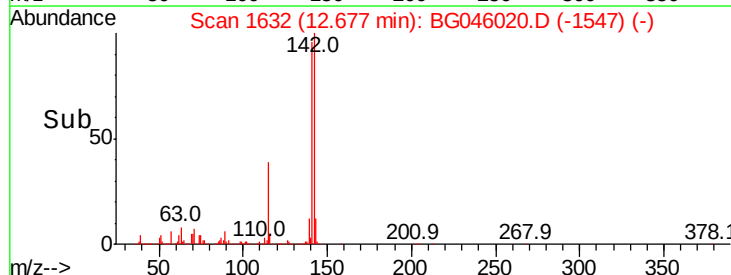
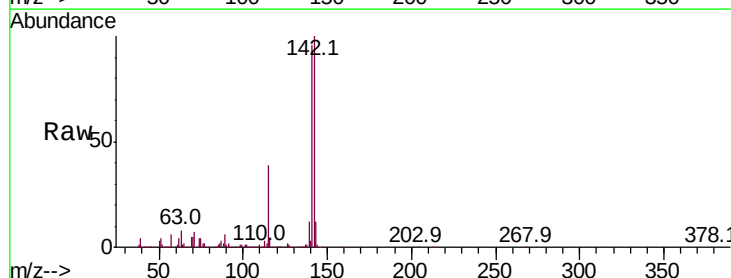
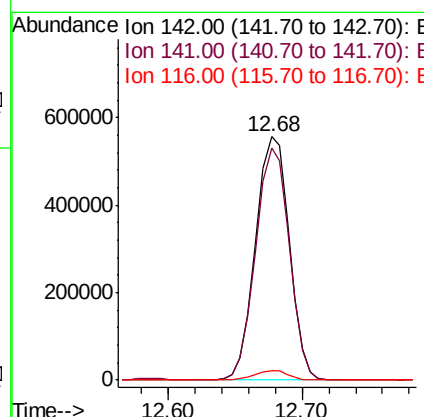
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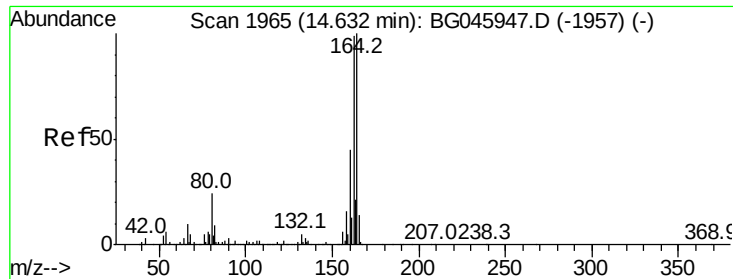
mohammad
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#38
1-Methylnaphthalene
Concen: 41.705 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.2	112.8
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

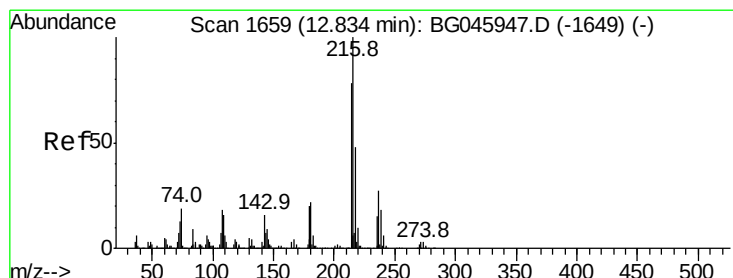
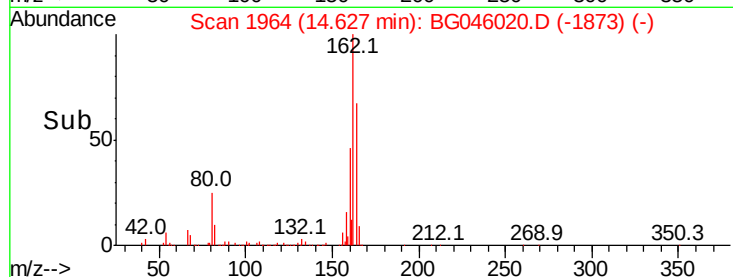
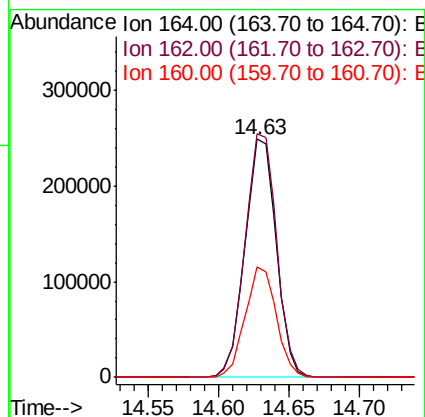
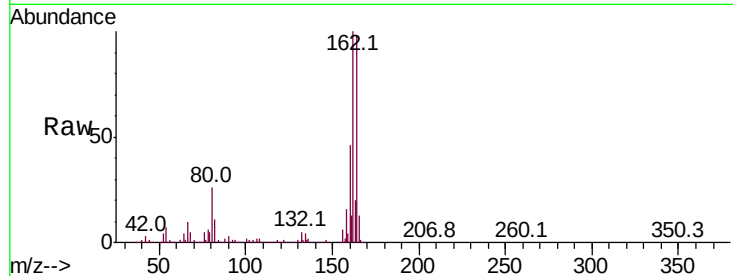
ClientSampleId :

PB130142BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.3	118.9
160	46.5	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.498 ng

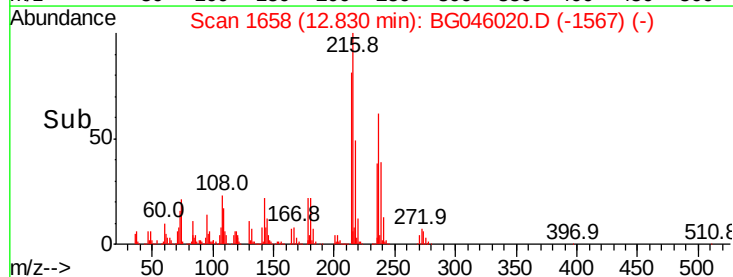
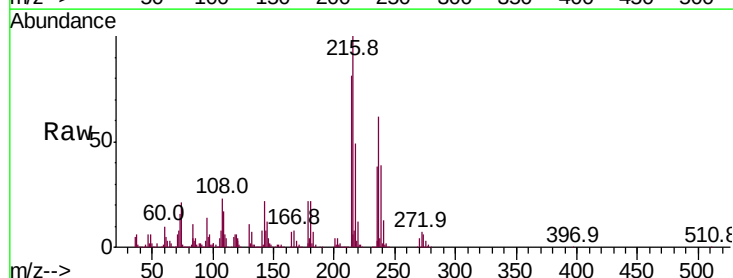
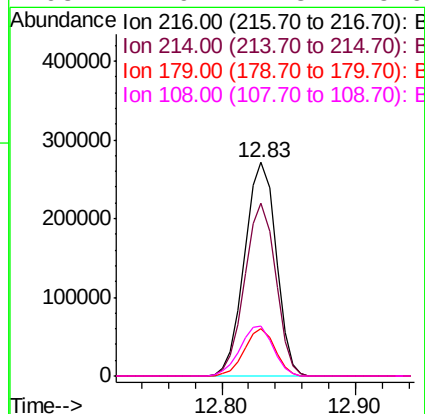
RT: 12.83 min Scan# 1658

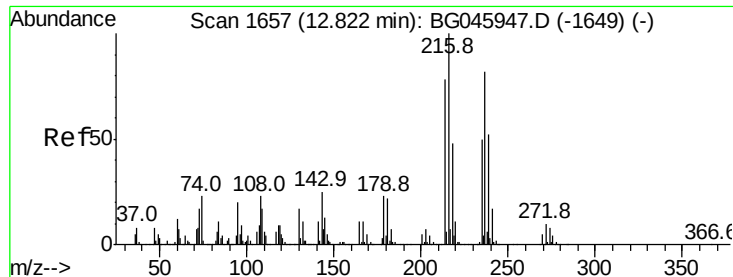
Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.4	17.0	25.6
108	24.9	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 76.313 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

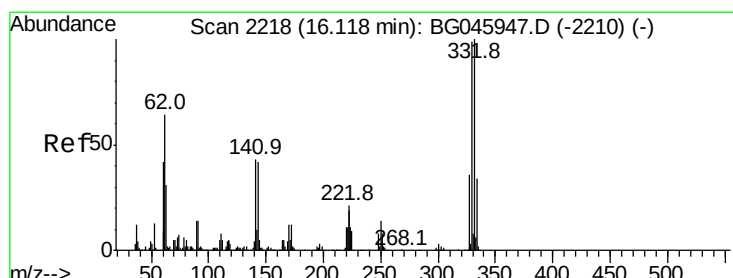
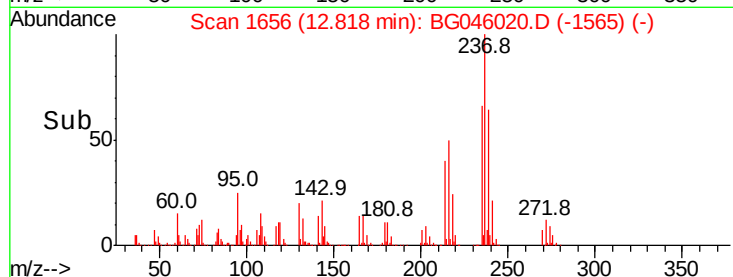
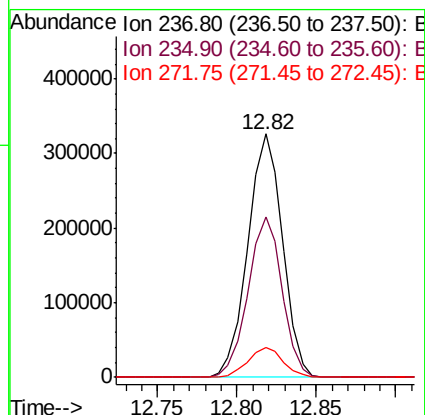
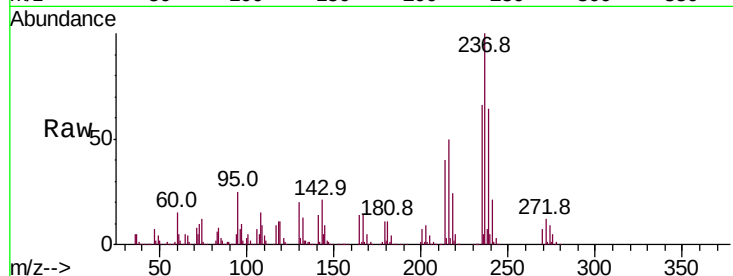
ClientSampleId :

PB130142BS

Tot Ion:	237	Resp:	495029
Ion Ratio	Lower	Upper	
237	100		
235	65.7	41.5	81.5
272	12.4	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 140.424 ng

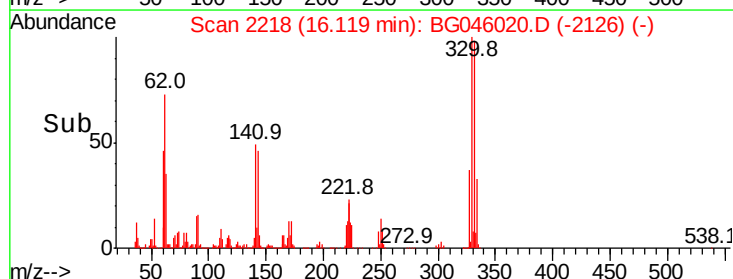
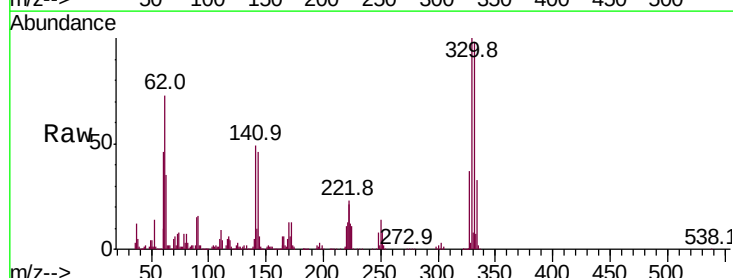
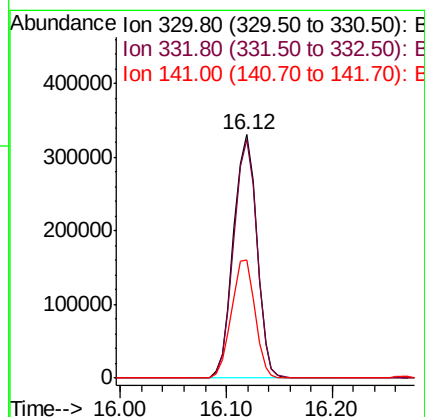
RT: 16.12 min Scan# 2218

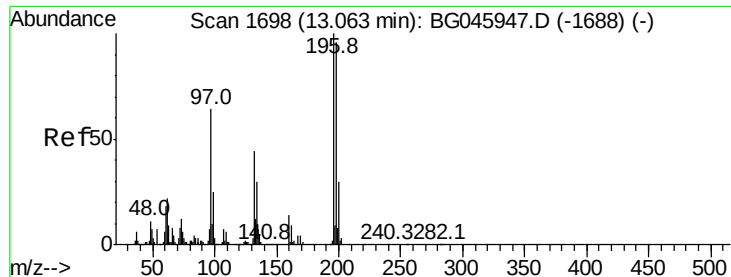
Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Tgt Ion:	330	Resp:	505431
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.3	117.5
141	48.9	36.6	54.8





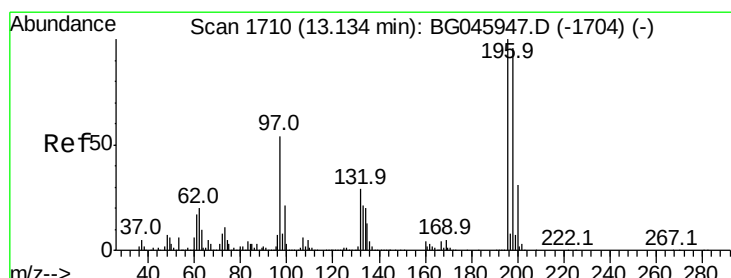
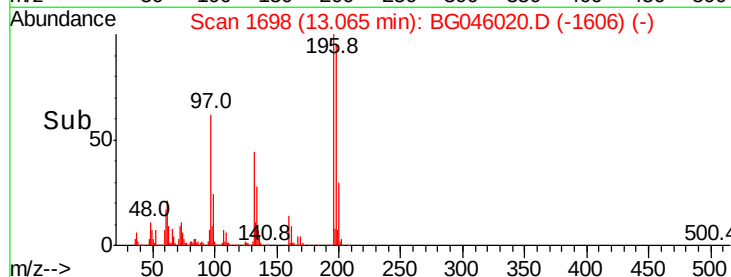
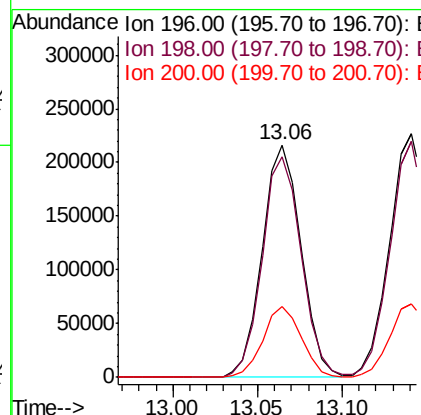
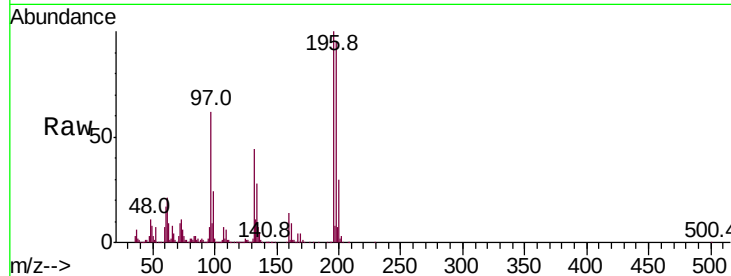
#43
 2,4,6-Trichlorophenol
 Concen: 46.766 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	345759		
198	94.8	76.7	115.1	
200	30.3	24.3	36.5	

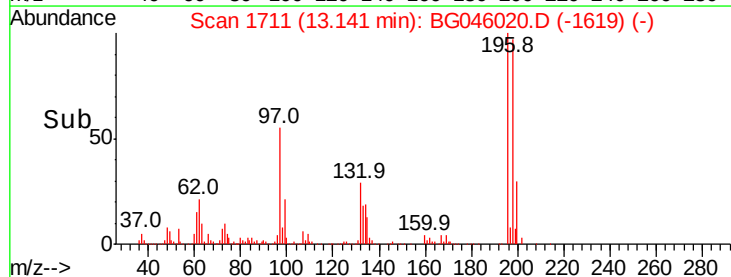
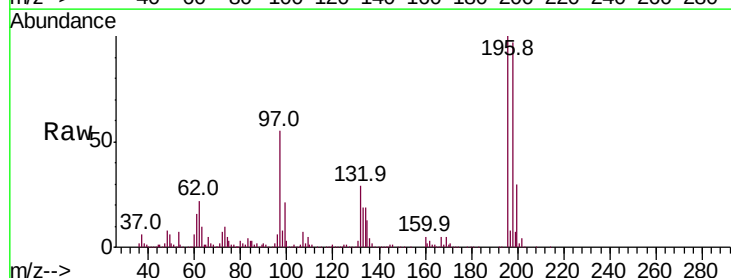
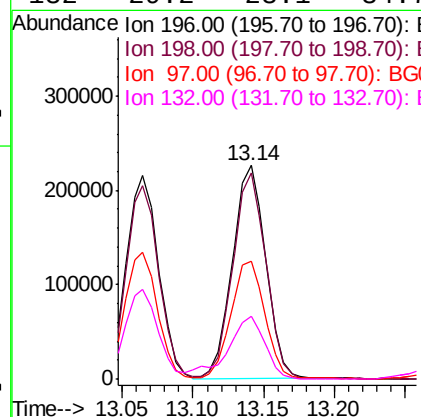
Manual Integrations
 APPROVED

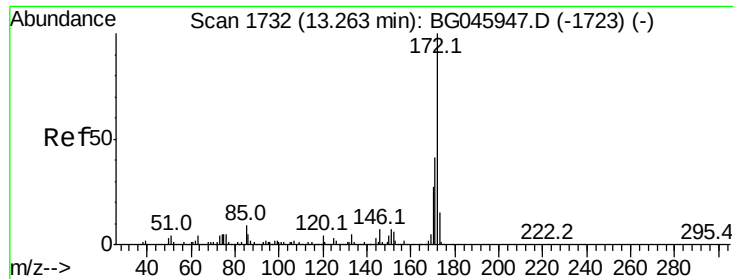
mohammad
 7/14/2020 12:01:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.461 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	371675		
198	96.7	77.0	115.6	
97	55.2	44.3	66.5	
132	29.2	23.1	34.7	





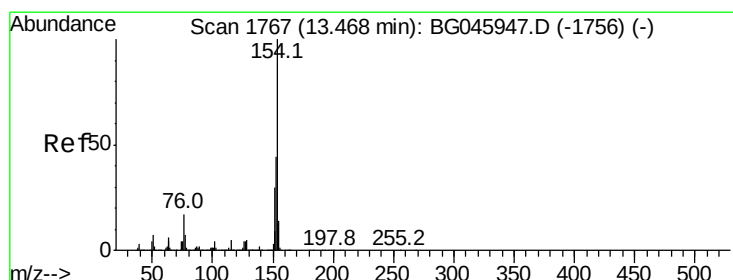
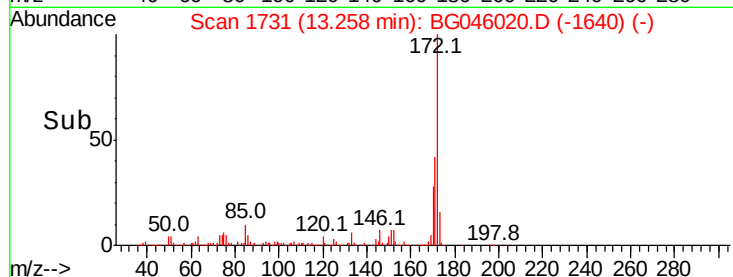
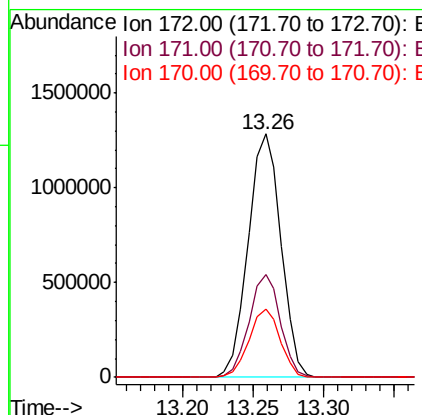
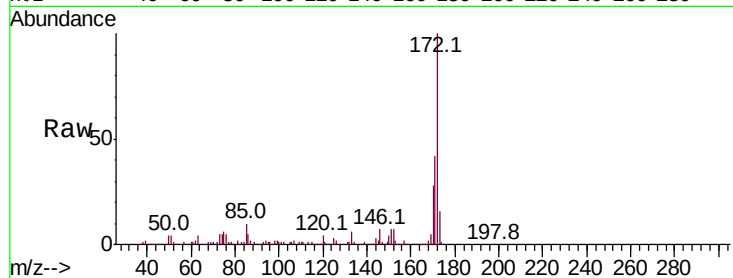
#45
2-Fluorobiphenyl
Concen: 84.109 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.3	32.9	49.3
170	28.0	21.8	32.6

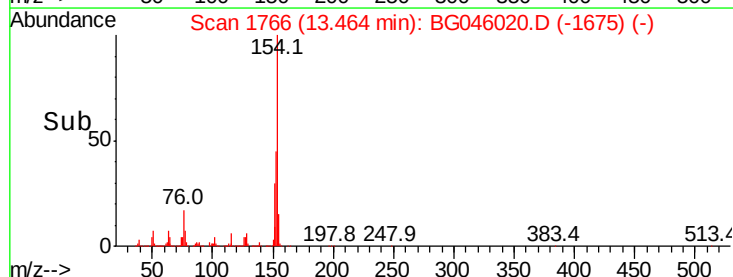
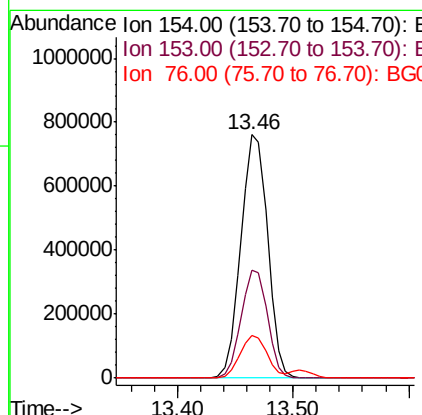
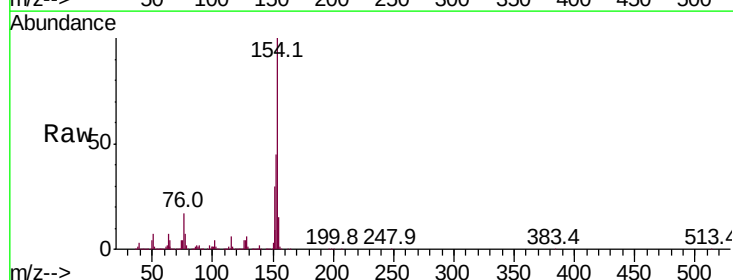
Manual Integrations
APPROVED

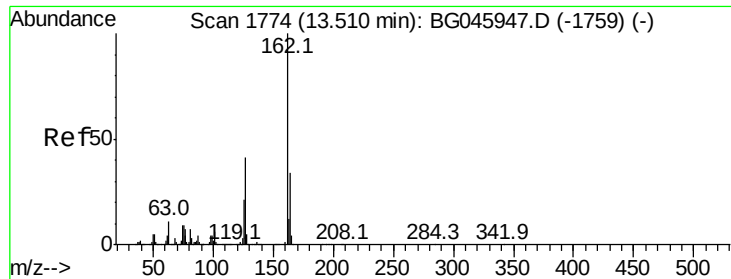
mohammad
7/14/2020 12:01:29 PM



#46
1,1'-Biphenyl
Concen: 41.881 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	23.6	63.6
76	17.4	0.0	36.9





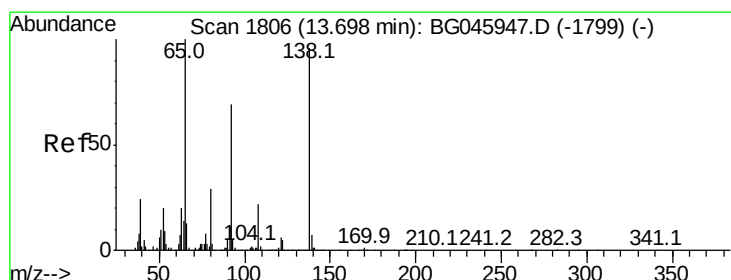
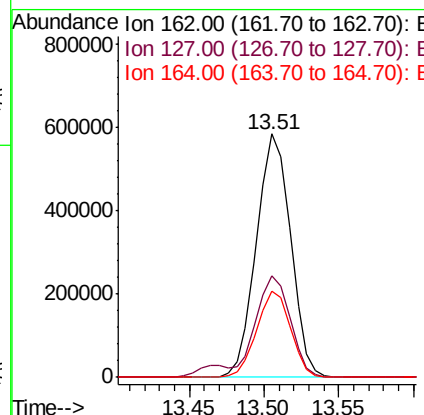
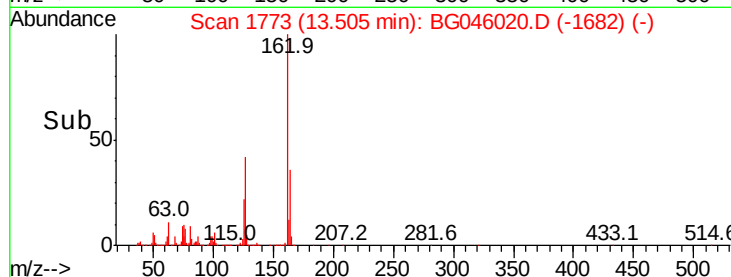
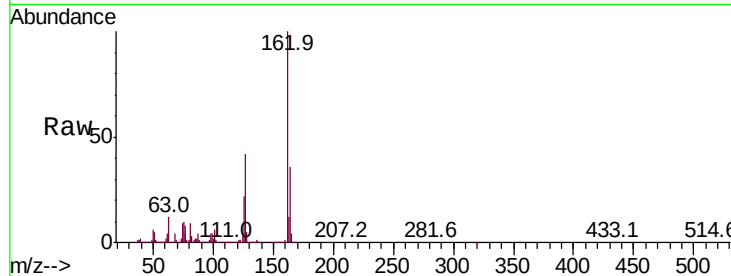
#47
 2-Chloronaphthalene
 Concen: 40.231 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.5	48.7
164	35.5	27.2	40.8

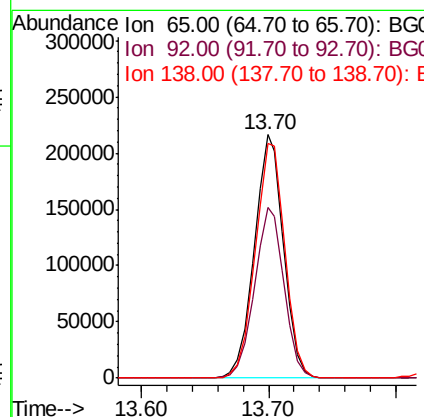
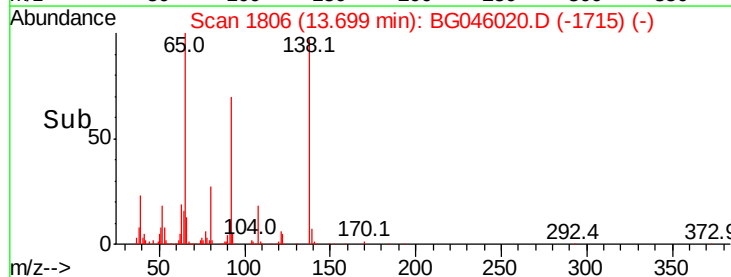
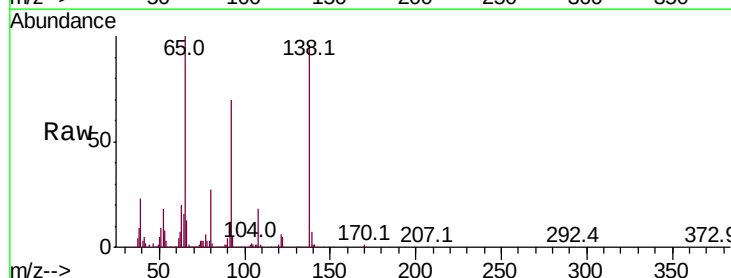
Manual Integrations
 APPROVED

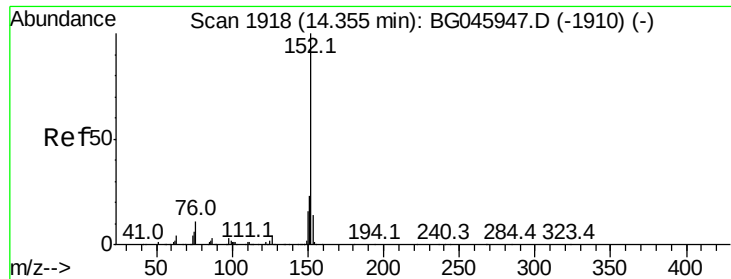
mohammad
 7/14/2020 12:01:29 PM



#48
 2-Nitroaniline
 Concen: 53.092 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.4	83.0
138	96.5	77.0	115.4





#49

Acenaphthylene

Concen: 40.983 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion:152 Resp: 1522033

Ion Ratio Lower Upper

152 100

151 23.3 18.1 27.1

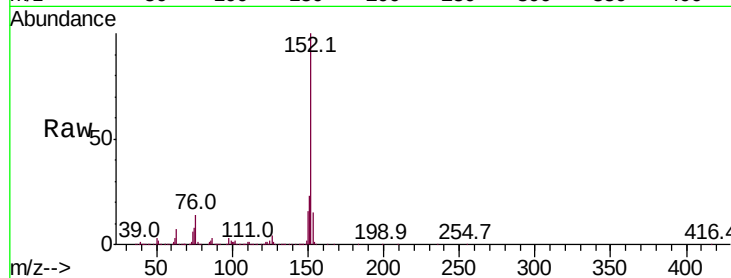
153 15.0 11.5 17.3

Manual Integrations

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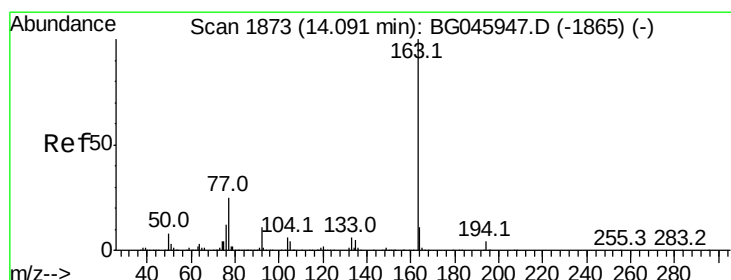
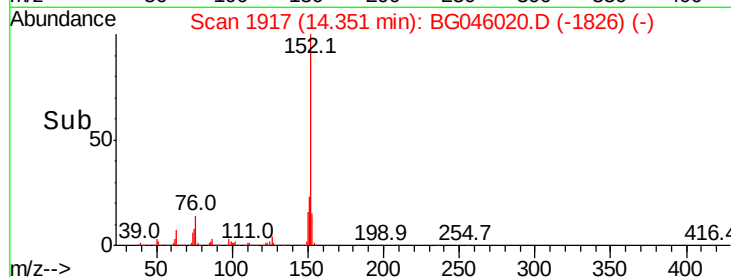
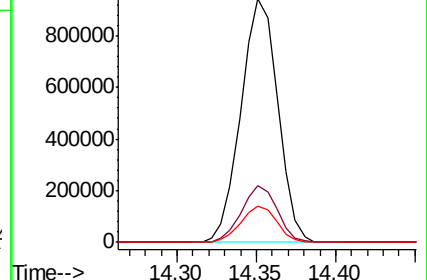
7/14/2020 12:01:29 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.388 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

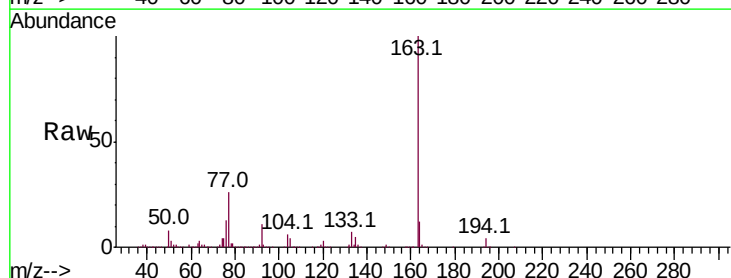
Tgt Ion:163 Resp: 1175469

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

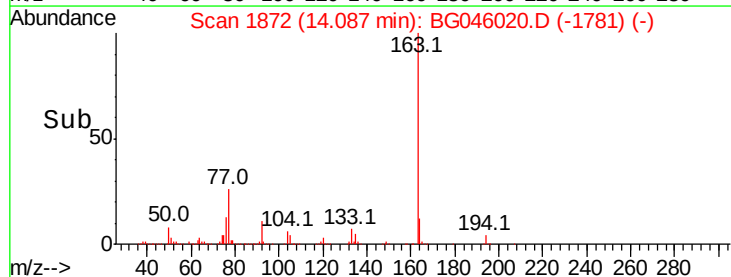
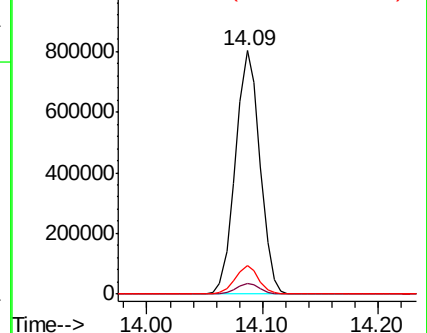
164 11.5 8.9 13.3

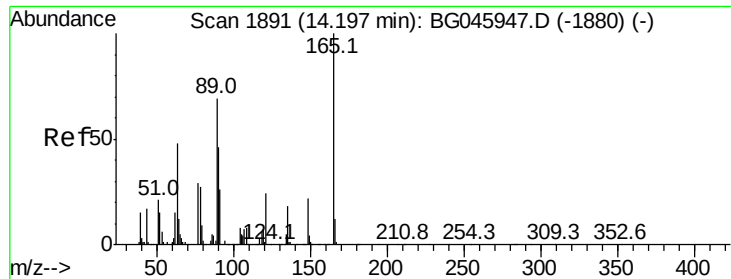


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





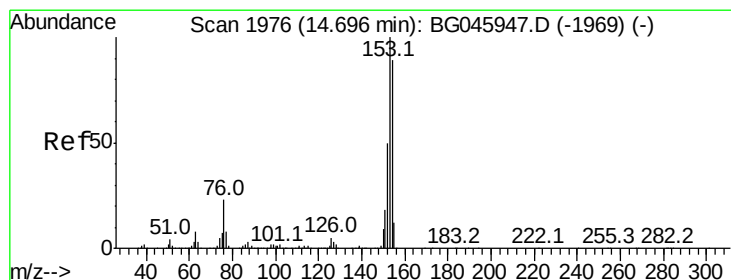
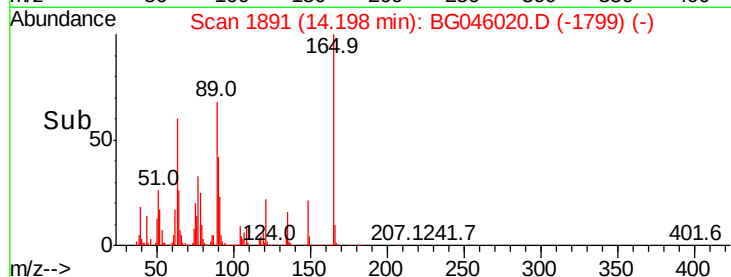
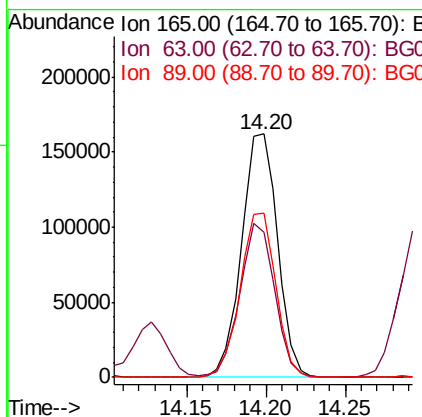
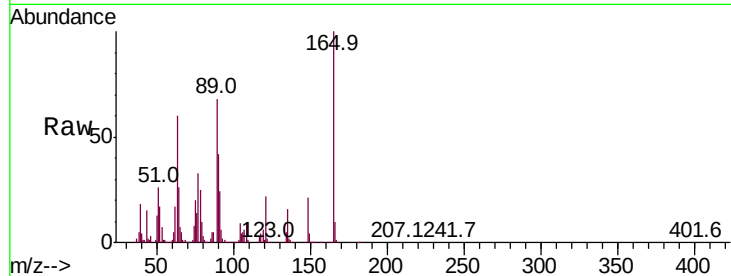
#51
2,6-Dinitrotoluene
Concen: 49.039 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255679		
63	59.7		51.0	76.4
89	67.6		55.7	83.5

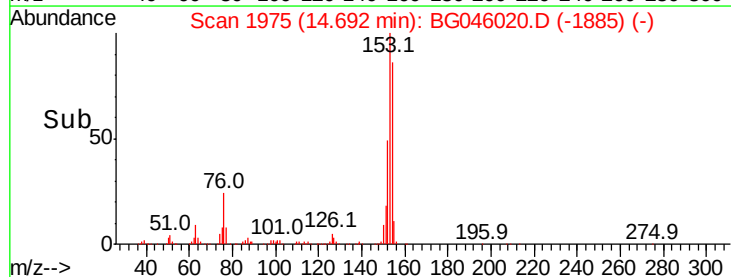
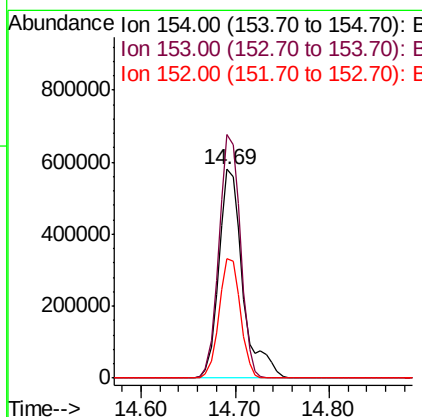
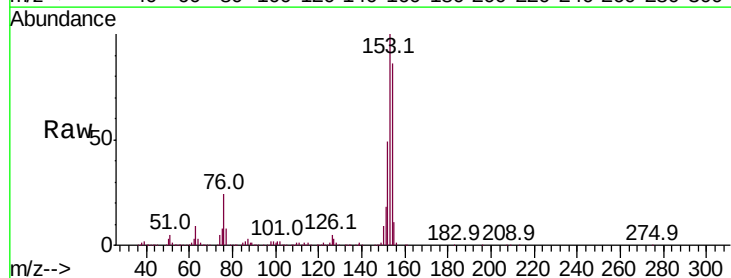
Manual Integrations
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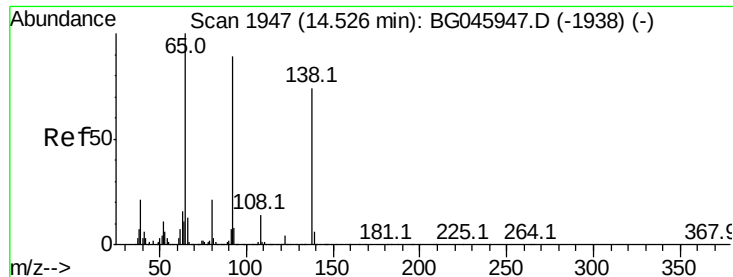
mohammad
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#52
Acenaphthene
Concen: 44.050 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1031882		
153	116.6		89.7	134.5
152	57.5		44.7	67.1





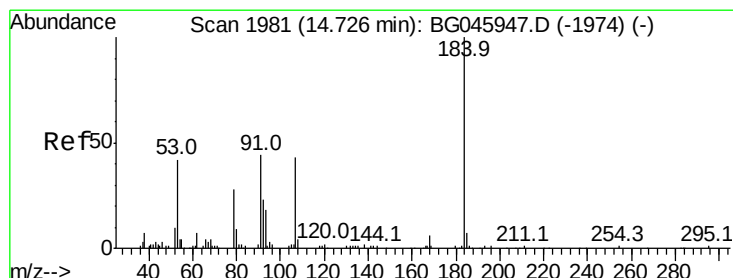
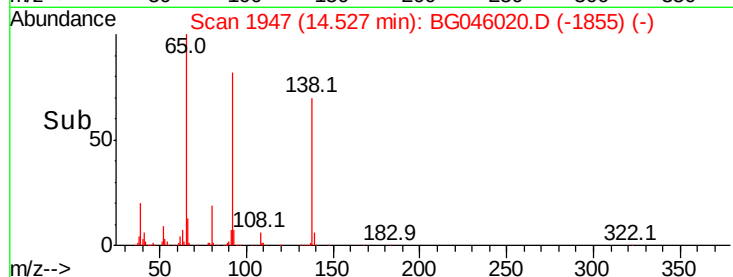
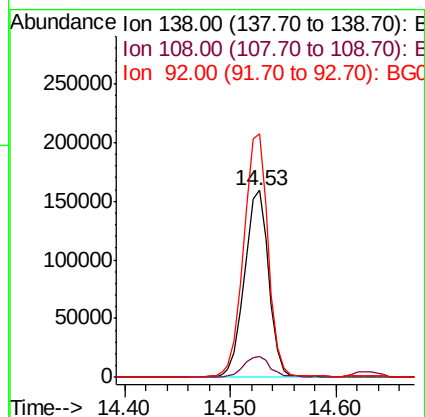
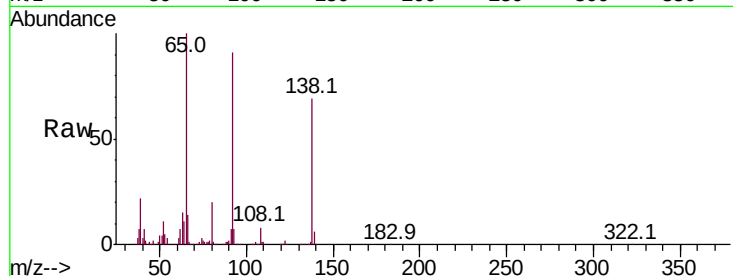
#53
 3-Nitroaniline
 Concen: 40.145 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	253101		
108	11.0	15.4	23.2#	
92	130.4	95.9	143.9	

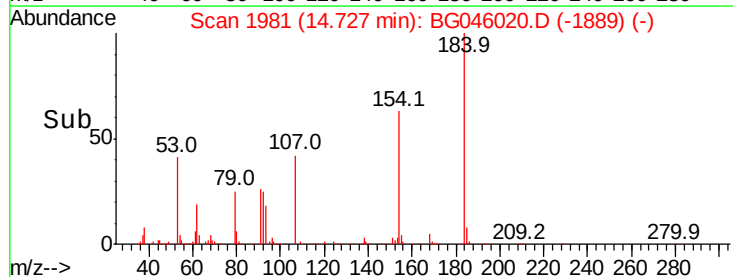
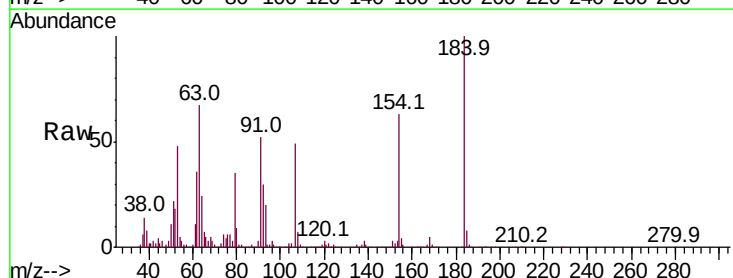
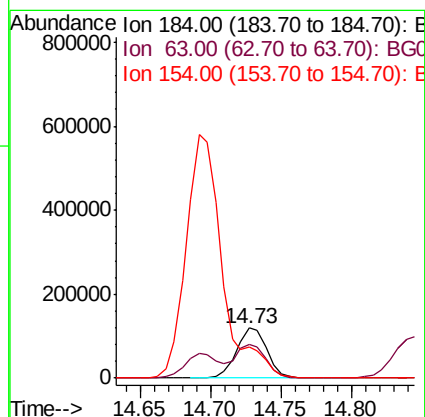
Manual Integrations
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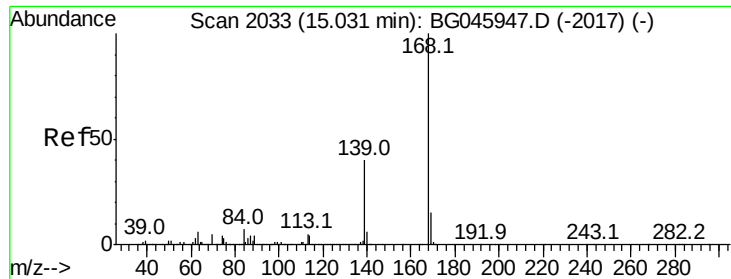
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 91.666 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	180388		
63	66.9	46.0	69.0	
154	63.2	58.2	87.2	





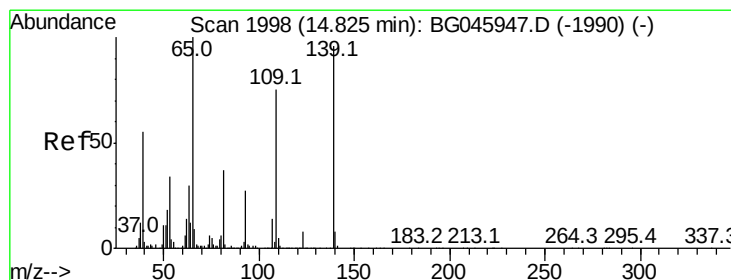
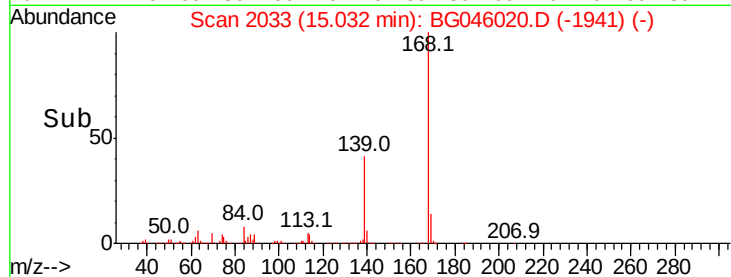
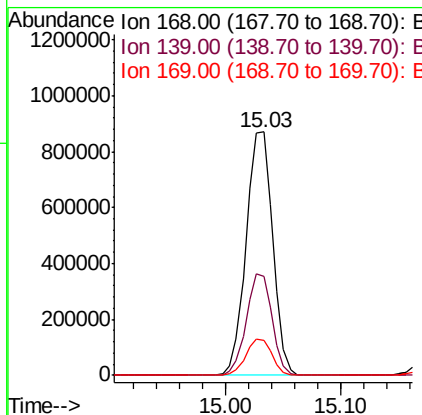
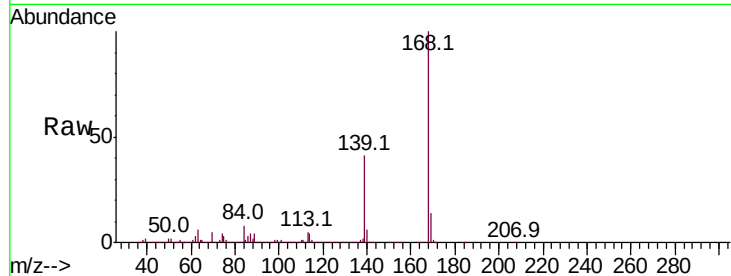
#55
Dibenzofuran
Concen: 40.544 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.2	48.2
169	14.5	11.8	17.8

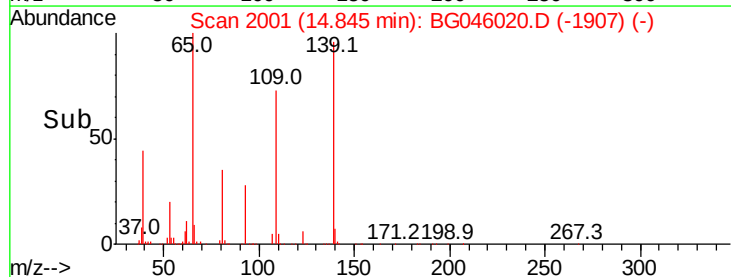
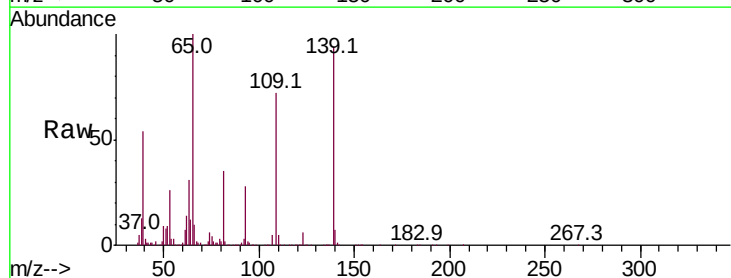
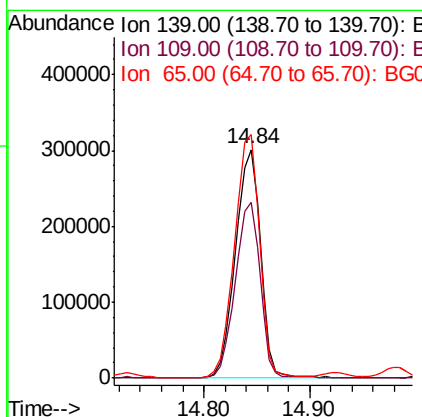
Manual Integrations
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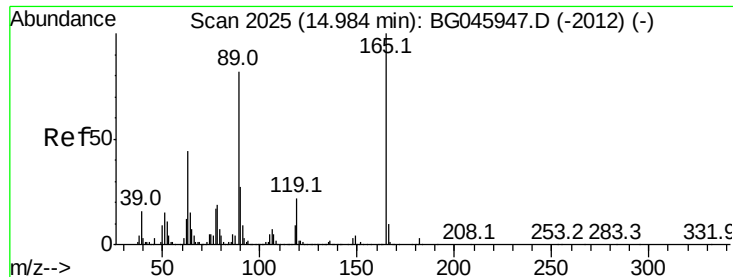
mohammad
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#56
4-Nitrophenol
Concen: 104.133 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	58.5	98.5
65	106.5	84.7	124.7





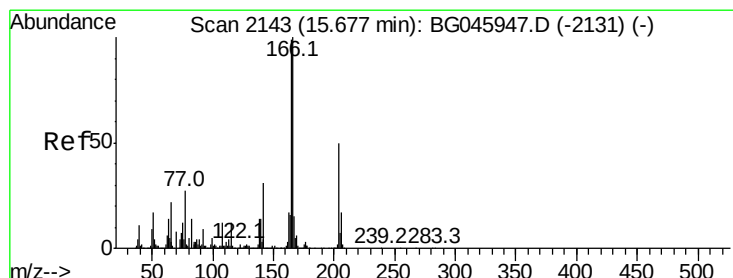
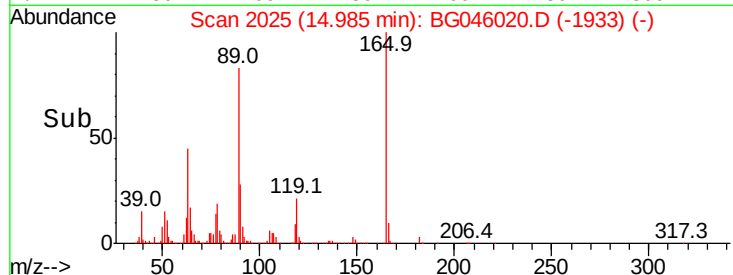
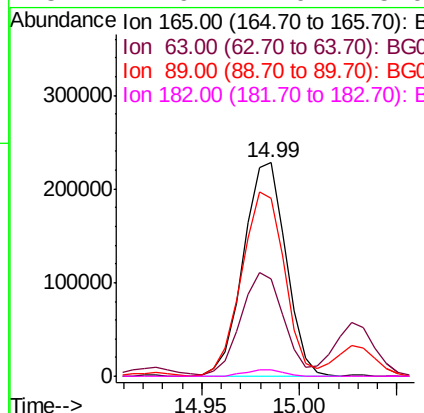
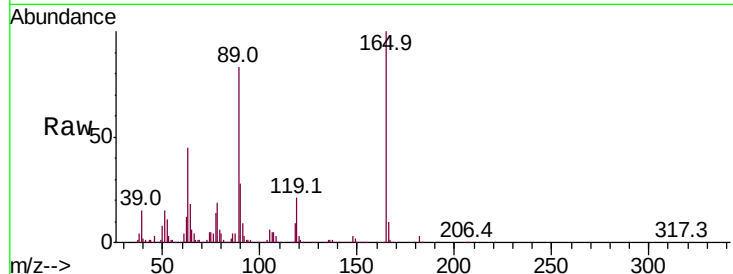
#57
2,4-Dinitrotoluene
Concen: 51.200 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	343967		
63	45.4	35.4	53.0	
89	83.2	65.4	98.2	
182	2.9	2.0	3.0	

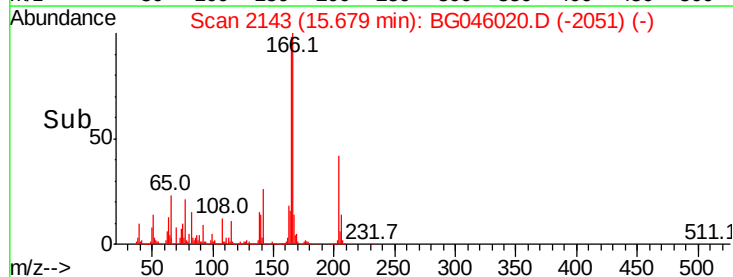
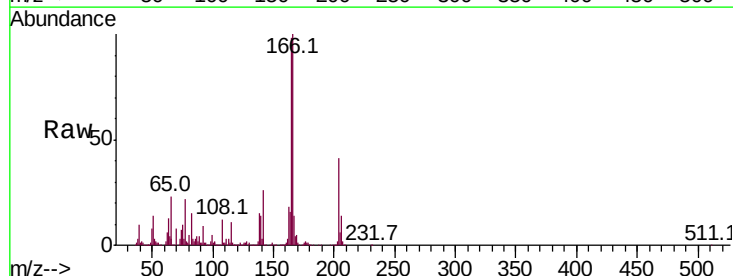
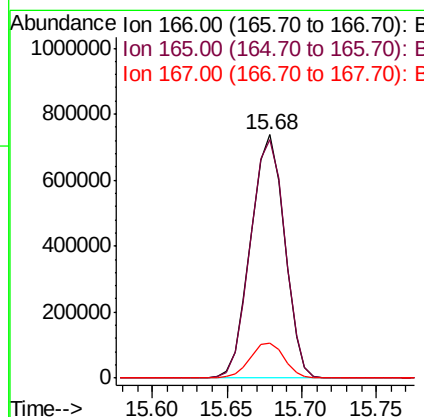
Manual Integrations
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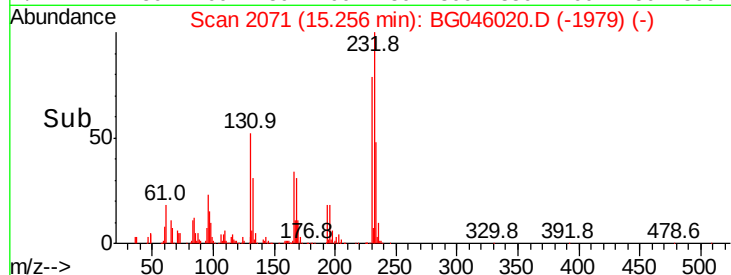
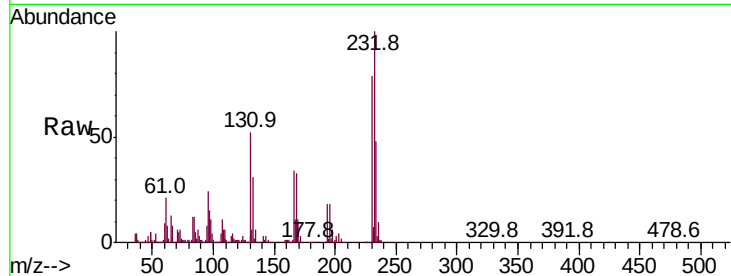
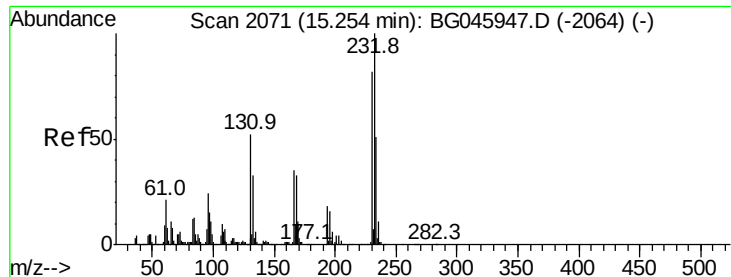
mohammad
7/14/2020 12:01:29 PM



#58
Fluorene
Concen: 41.092 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1157540		
165	98.2	78.9	118.3	
167	14.5	12.1	18.1	





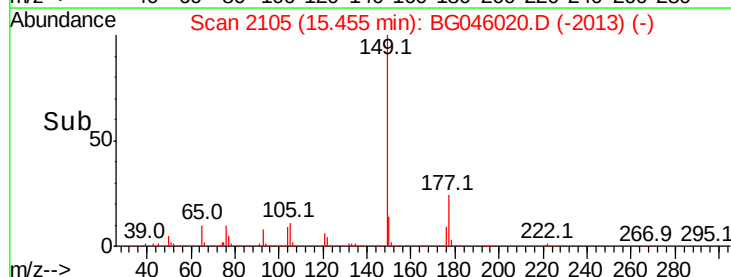
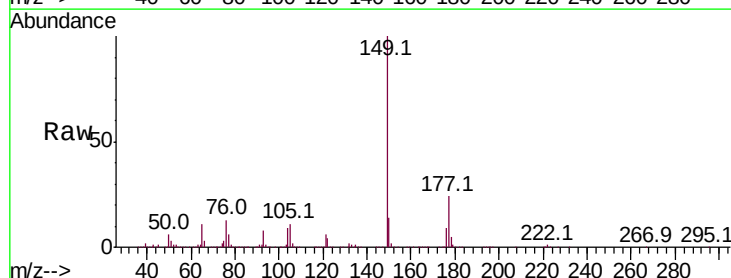
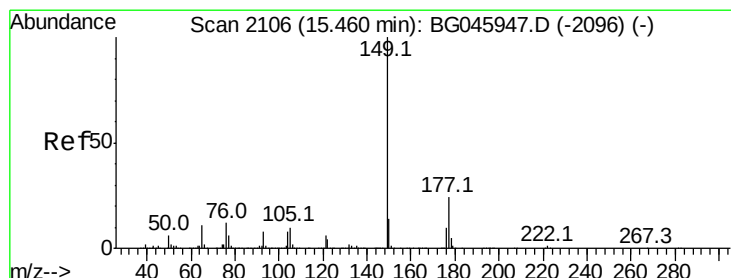
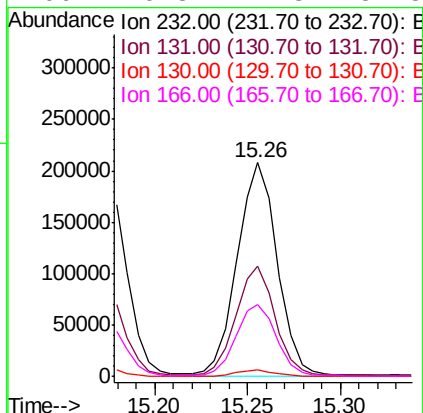
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.375 ng m
RT: 15.26 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.8	53.6
130	3.2	2.5	3.7
166	26.3	21.8	32.8

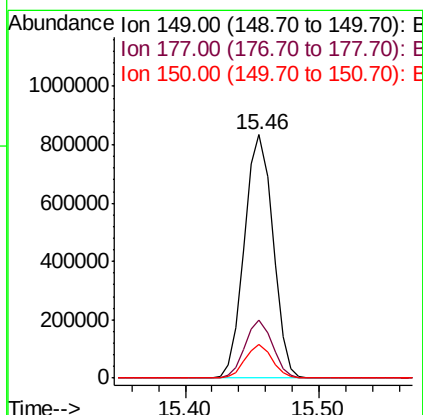
Manual Integrations
APPROVED

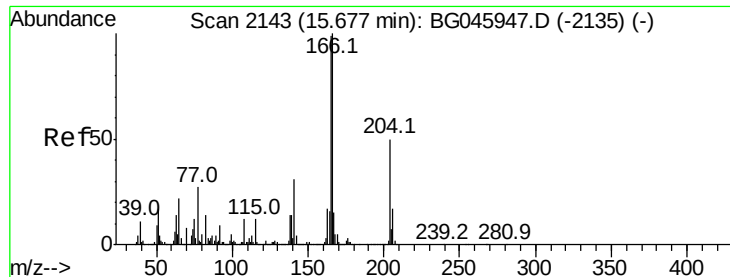
mohammad
7/14/2020 12:01:29 PM



#60
Diethylphthalate
Concen: 40.270 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	14.0	11.0	16.4





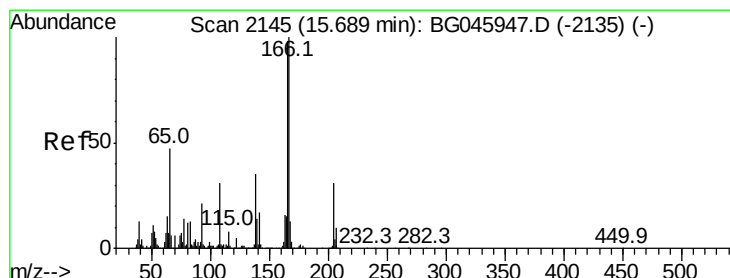
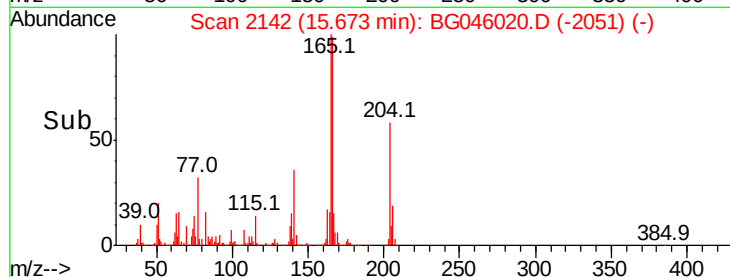
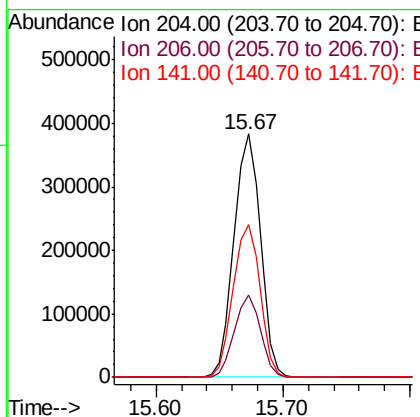
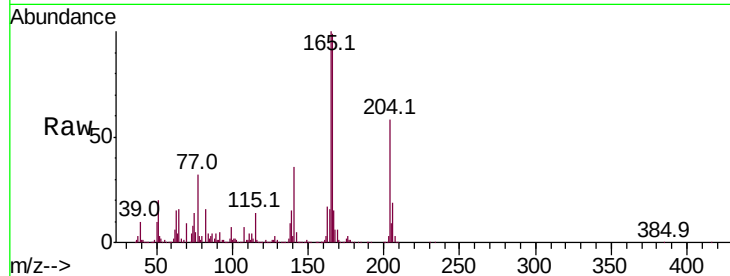
#61
4-Chlorophenyl-phenylether
Concen: 39.496 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	27.1	40.7	
141	63.0	49.8	74.8	

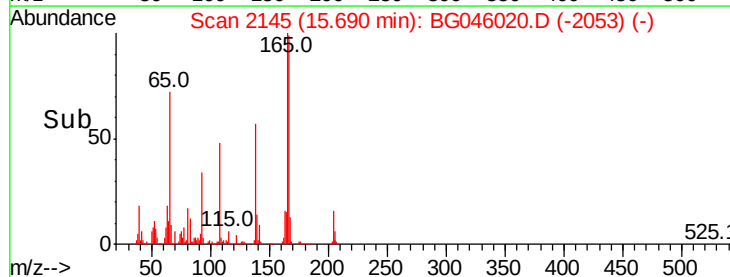
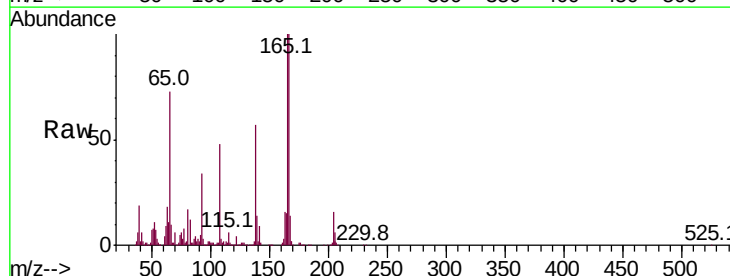
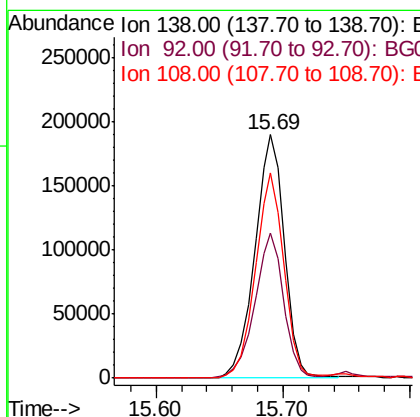
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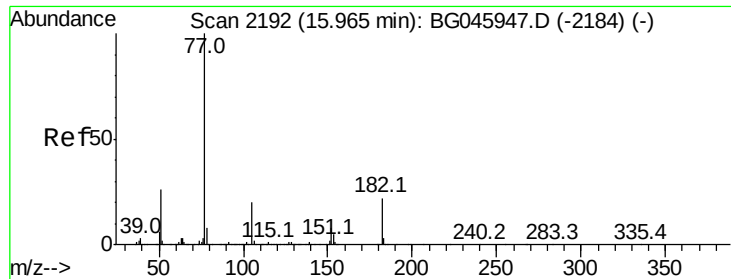
mohammad
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#62
4-Nitroaniline
Concen: 51.038 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.7	40.3	80.3	
108	84.0	68.0	108.0	





#63

Azobenzene

Concen: 42.288 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion: 77 Resp: 1385364

Ion Ratio Lower Upper

77 100

182 24.0 2.4 42.4

105 21.4 0.3 40.3

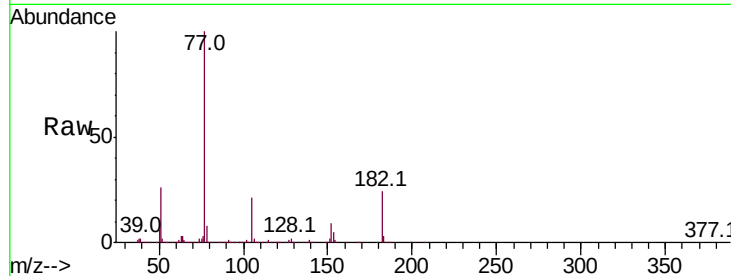
51 25.9 6.3 46.3

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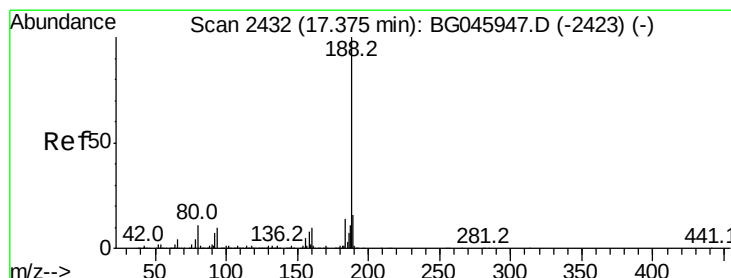
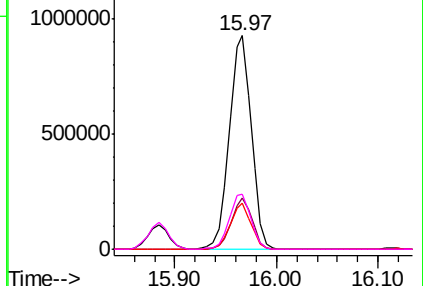
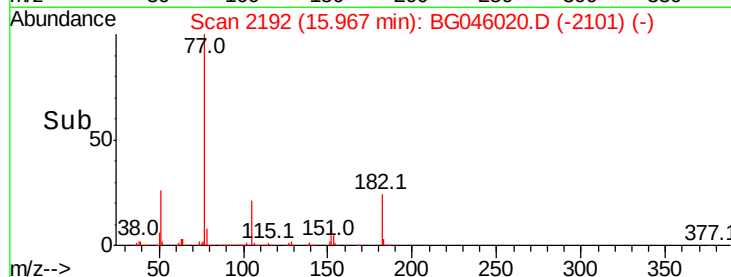


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

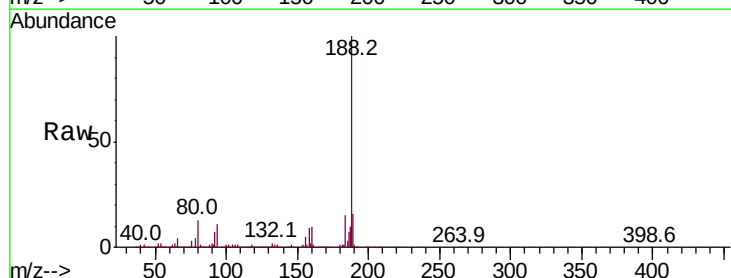
Tgt Ion: 188 Resp: 805051

Ion Ratio Lower Upper

188 100

94 11.3 8.2 12.4

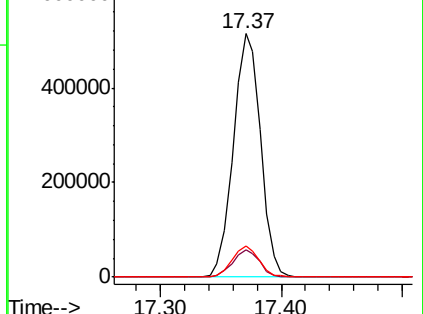
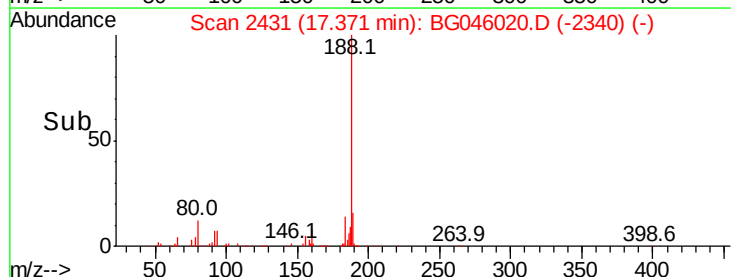
80 12.8 9.0 13.6

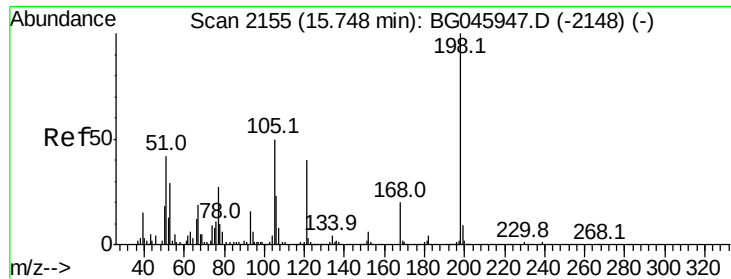


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





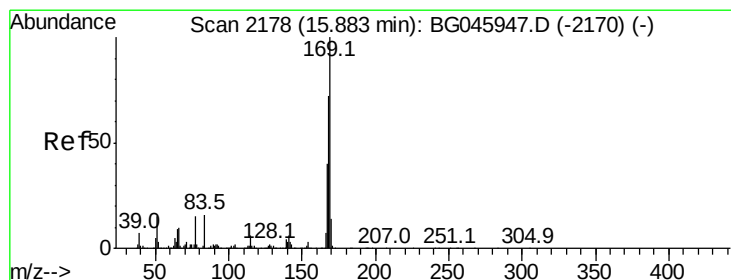
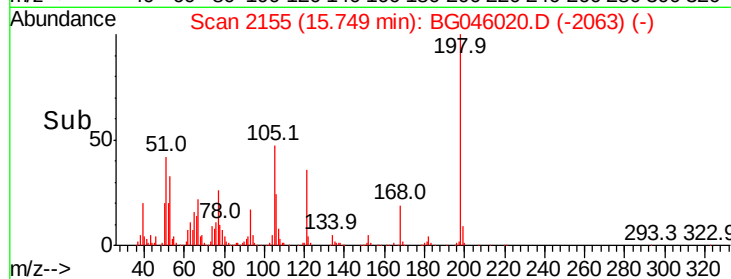
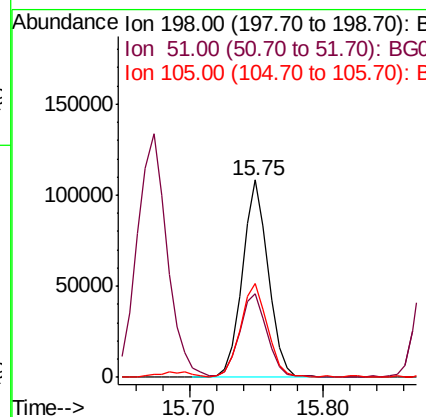
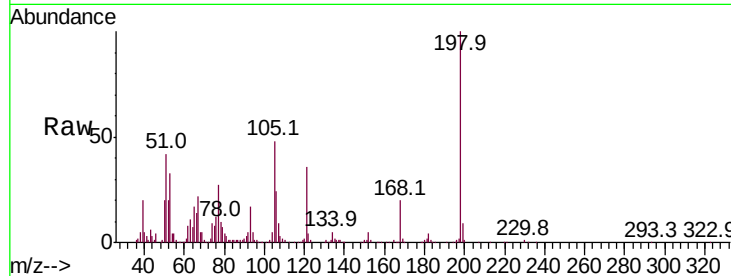
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.526 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	144439		
51	42.4		24.5	64.5
105	47.7		30.9	70.9

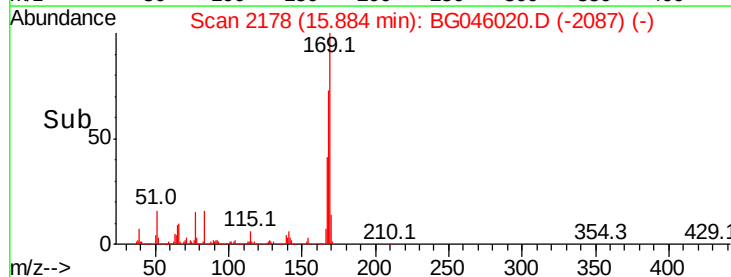
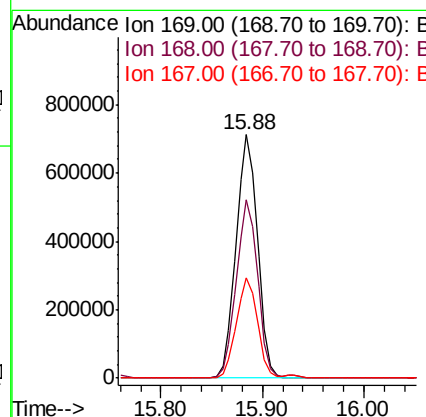
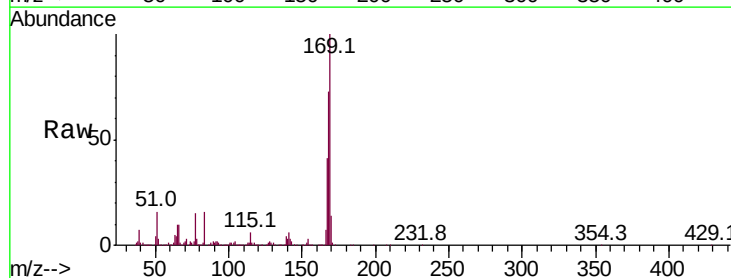
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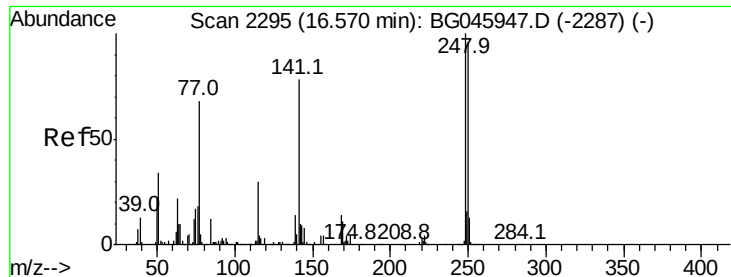
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 41.981 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1047299		
168	73.3		57.3	85.9
167	41.4		32.1	48.1





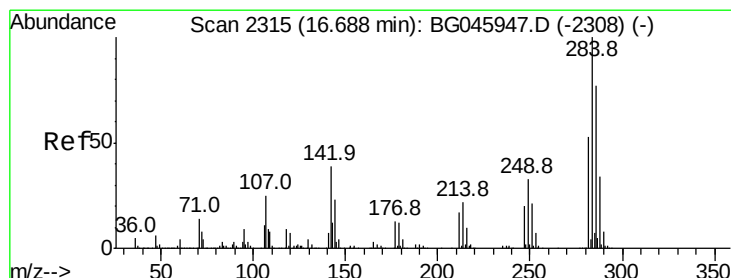
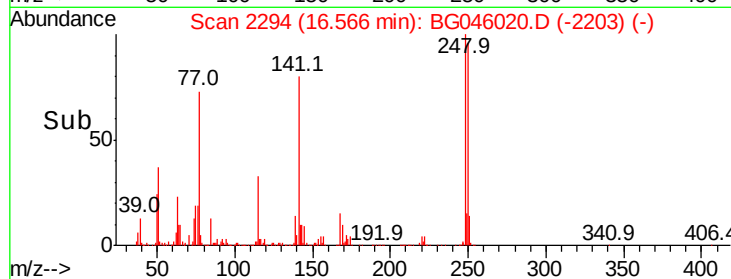
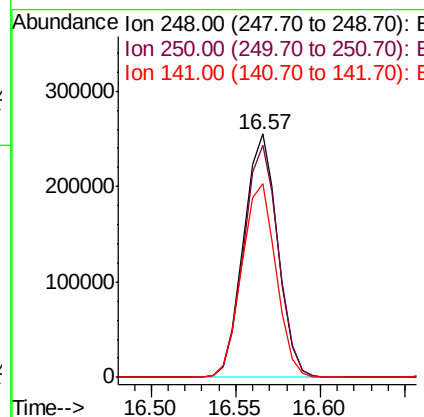
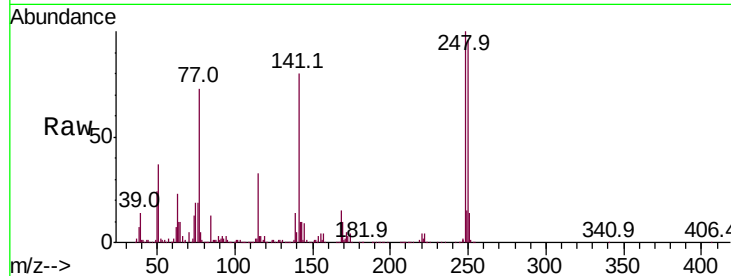
#67
4-Bromophenyl-phenylether
Concen: 39.786 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.6	114.8
141	79.7	62.7	94.1

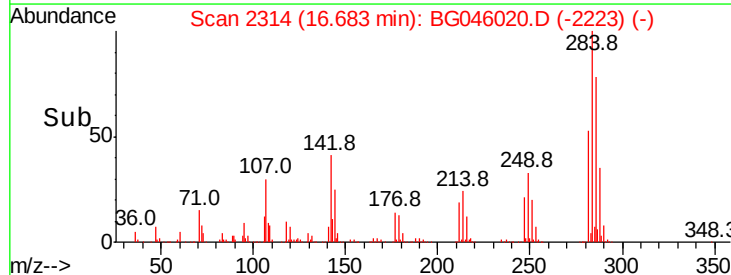
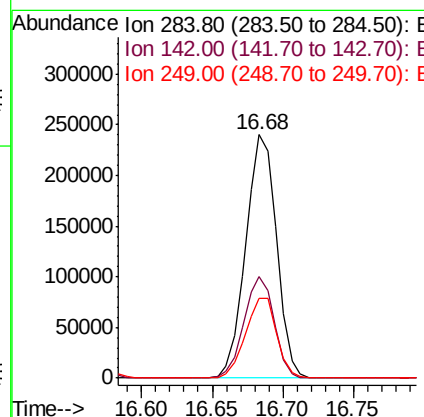
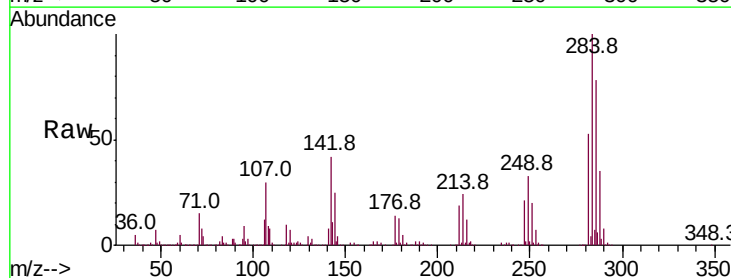
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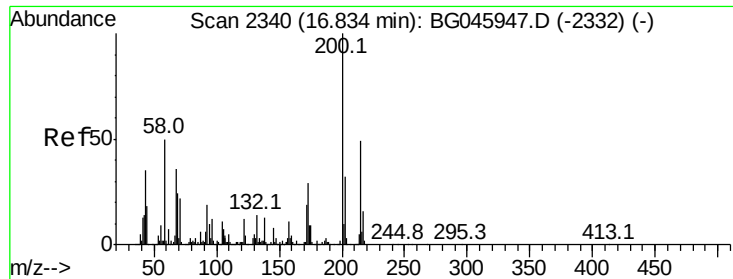
mohammad
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#68
Hexachlorobenzene
Concen: 40.724 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	31.3	46.9
249	32.6	26.8	40.2





#69

Atrazine

Concen: 45.700 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

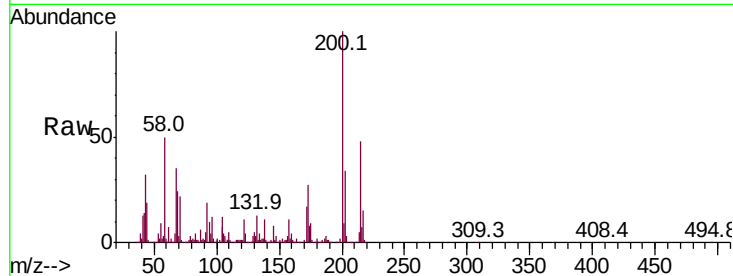
ClientSampleId :

PB130142BS

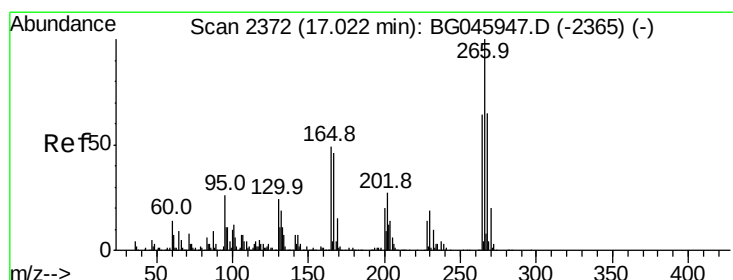
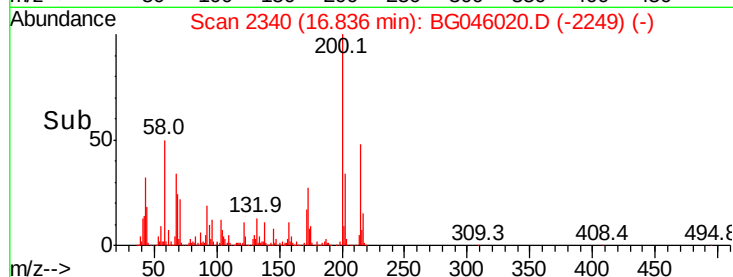
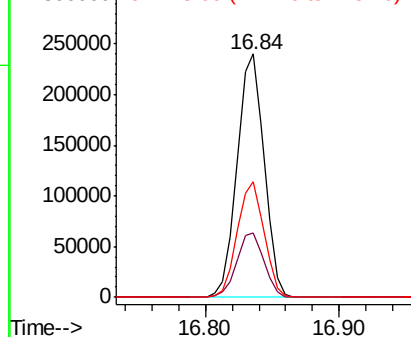
Tot Ion:	200	Resp:	337073
Ion Ratio	Lower	Upper	
200	100		
173	26.5	9.1	49.1
215	47.7	28.8	68.8

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.077 ng

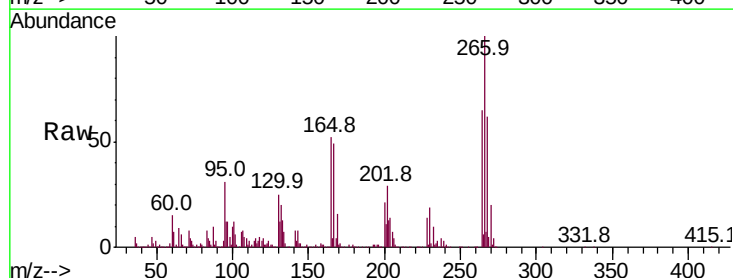
RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

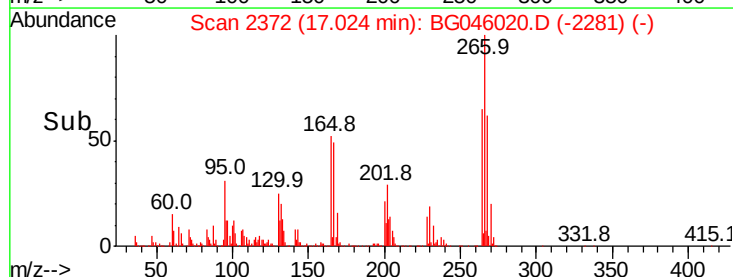
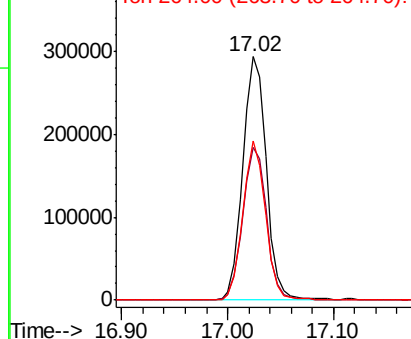
Lab File: BG046020.D

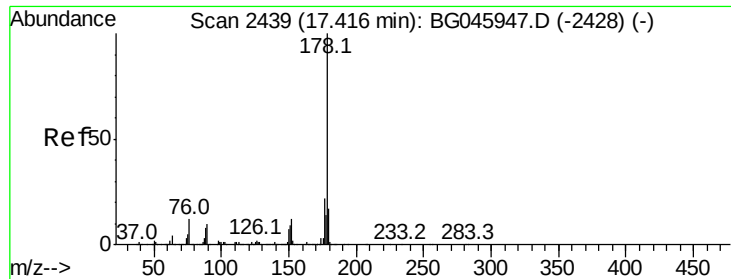
Acq: 13 Jul 2020 13:15

Tgt Ion:	266	Resp:	451867
Ion Ratio	Lower	Upper	
266	100		
268	62.5	51.8	77.8
264	65.2	51.4	77.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





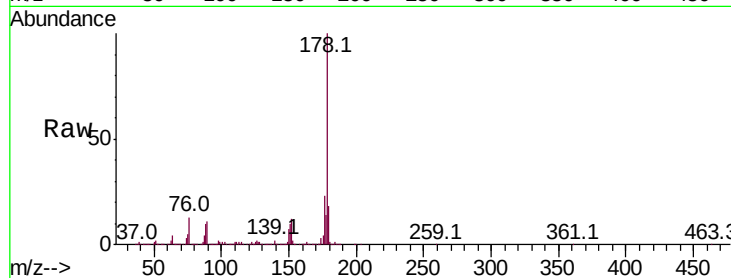
#71
Phenanthrene
Concen: 40.979 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

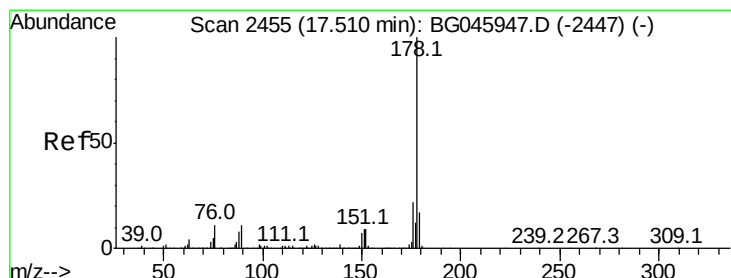
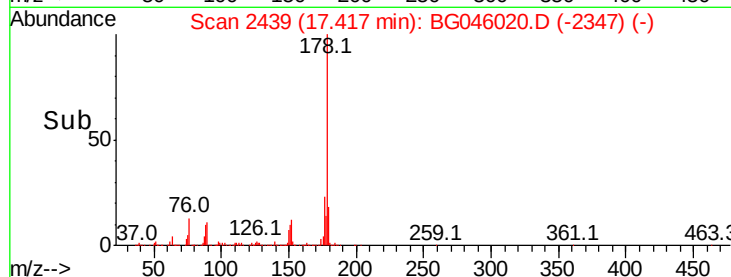
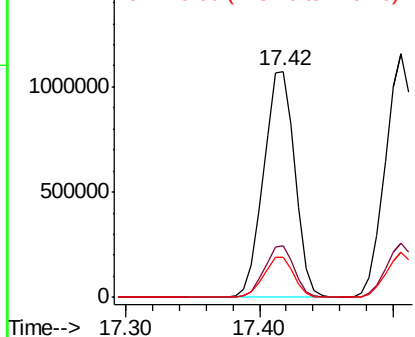
Tot Ion:178 Resp: 1744106
Ion Ratio Lower Upper
178 100
176 22.8 17.4 26.2
179 17.9 13.4 20.2

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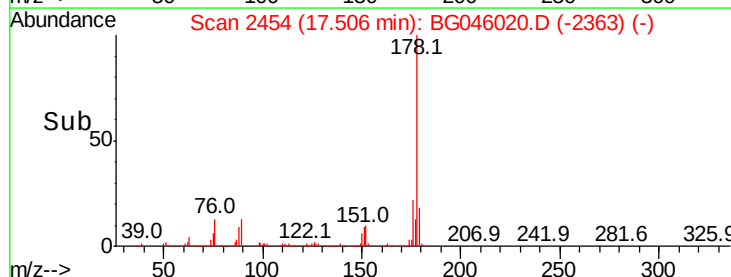
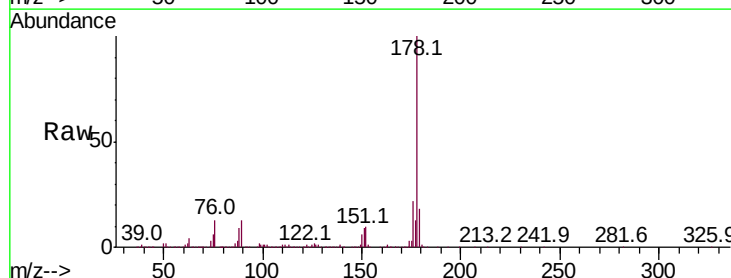
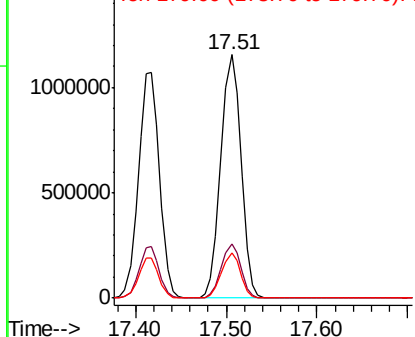
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

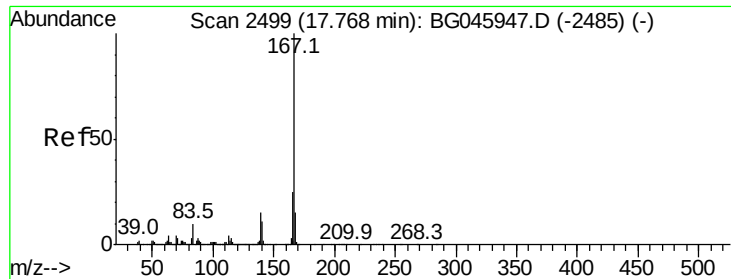


#72
Anthracene
Concen: 41.597 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:178 Resp: 1796661
Ion Ratio Lower Upper
178 100
176 22.4 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





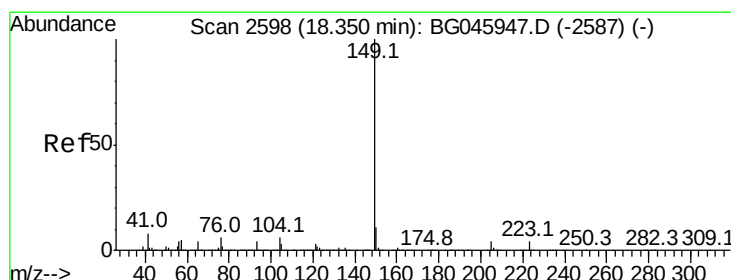
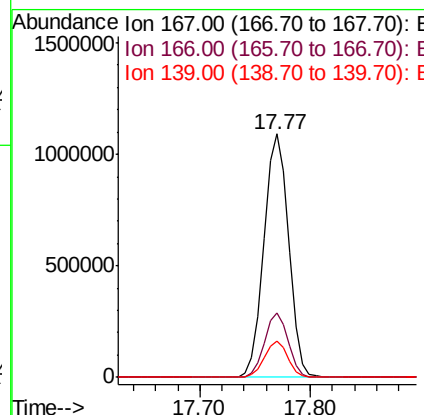
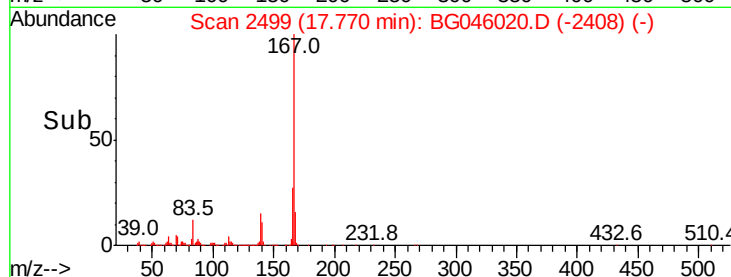
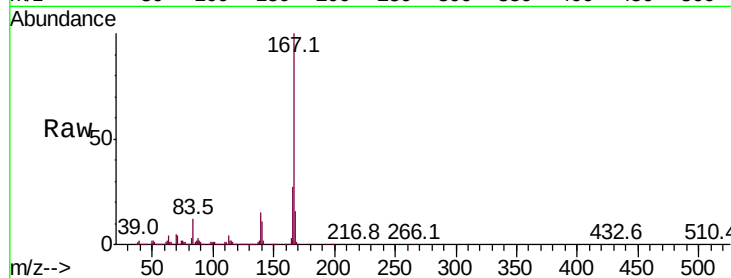
#73
 Carbazole
 Concen: 39.602 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.6	20.4	30.6
139	14.8	11.8	17.8

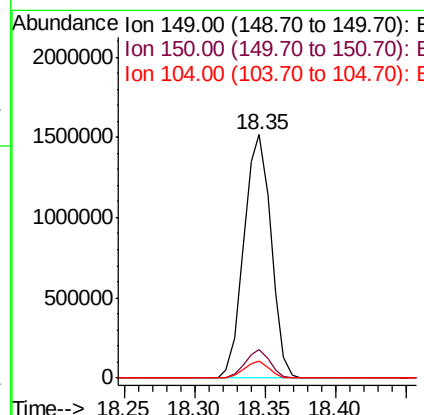
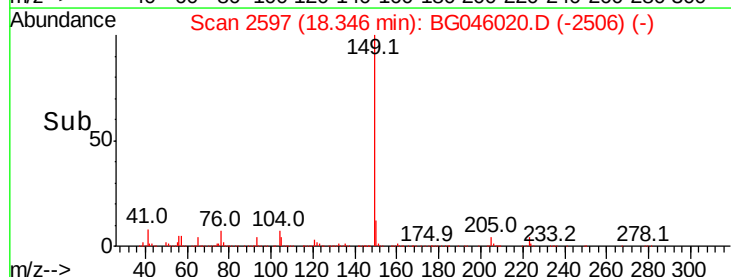
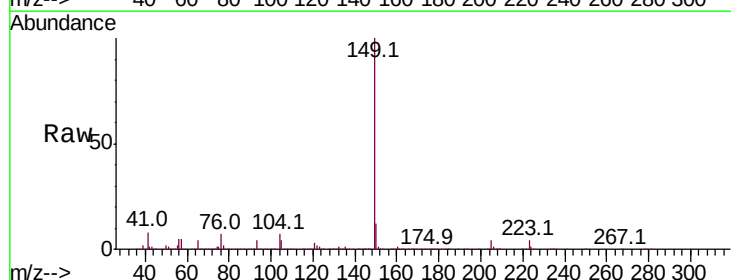
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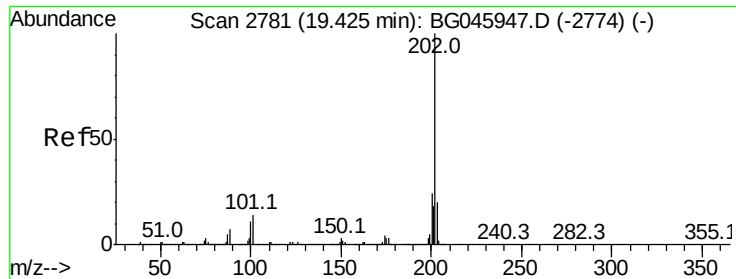
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#74
 Di-n-butylphthalate
 Concen: 38.950 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.7	9.0	13.4
104	6.8	5.2	7.8





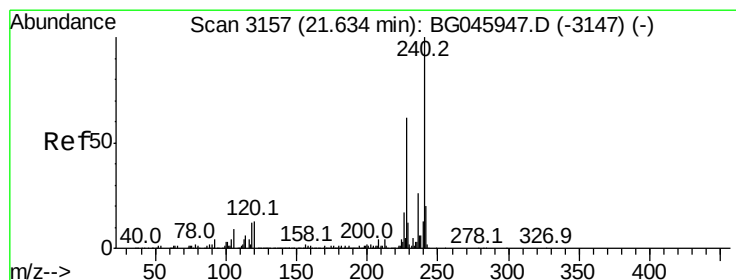
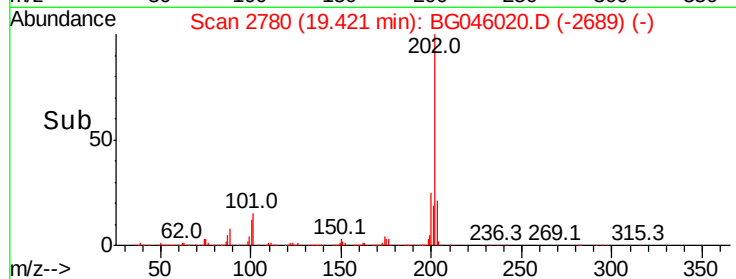
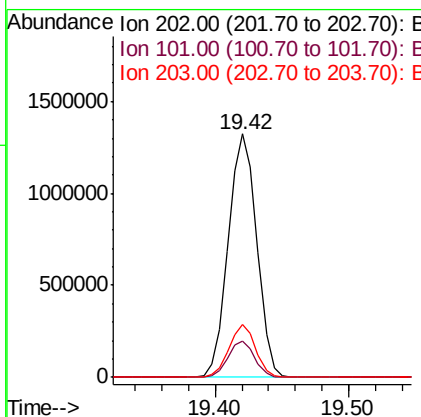
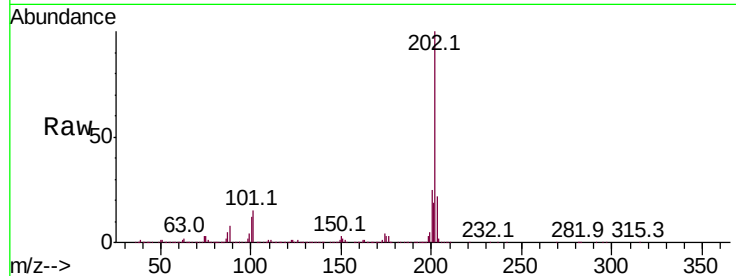
#75
Fluoranthene
Concen: 40.075 ng
RT: 19.42 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1971715		
101	14.8		0.0	33.8
203	21.5		0.4	40.4

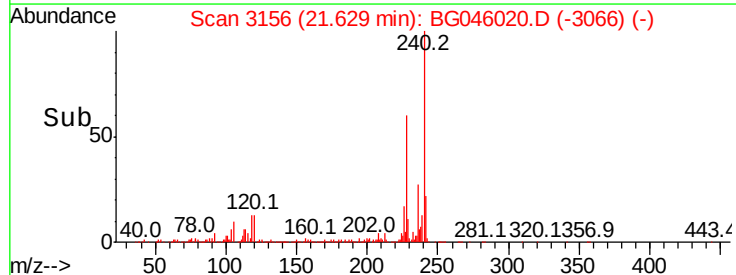
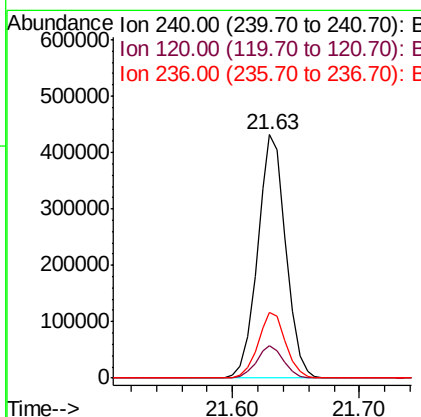
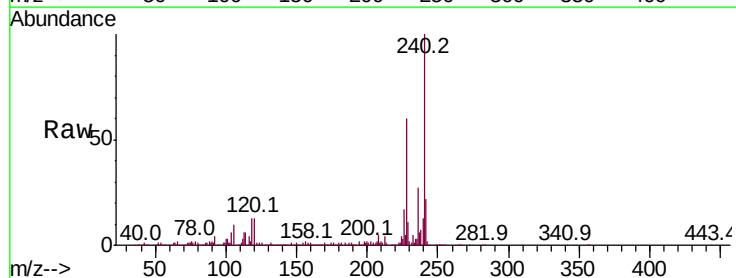
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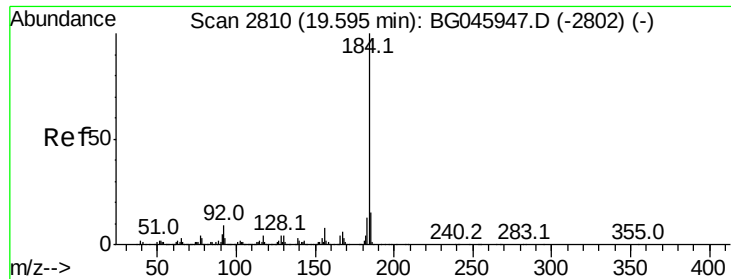
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	662340		
120	13.5		10.6	16.0
236	26.8		20.4	30.6





#77

Benzidine

Concen: 70.381 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion:184 Resp: 1332869

Ion Ratio Lower Upper

184 100

185 16.0 11.6 17.4

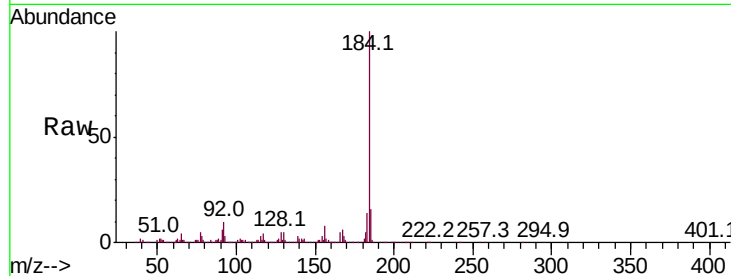
183 14.5 10.4 15.6

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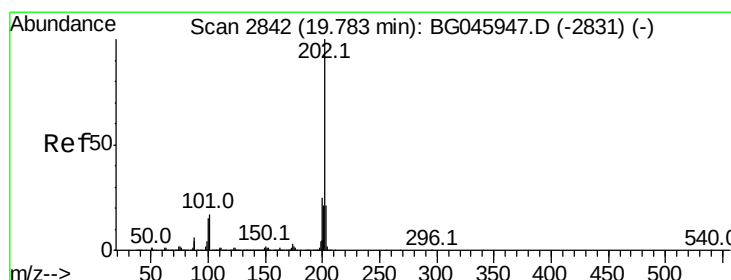
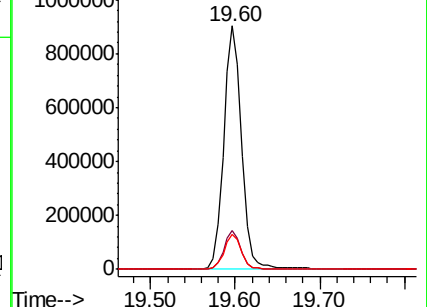
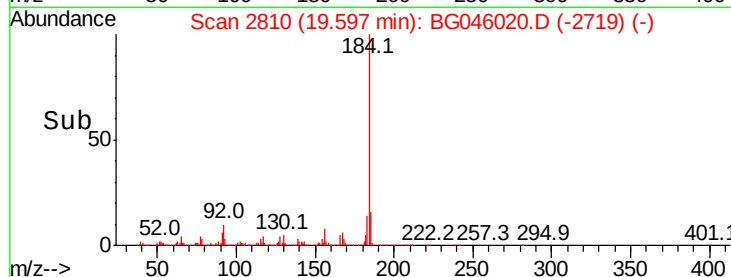
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.009 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

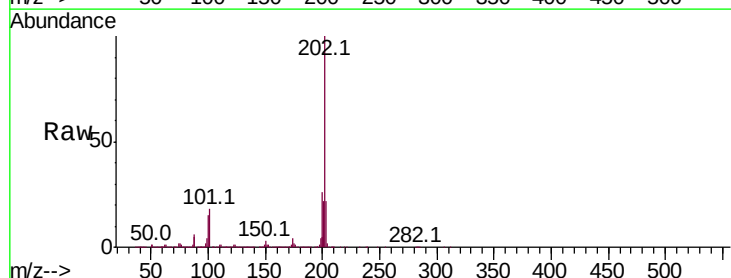
Tgt Ion:202 Resp: 1944497

Ion Ratio Lower Upper

202 100

200 25.9 20.1 30.1

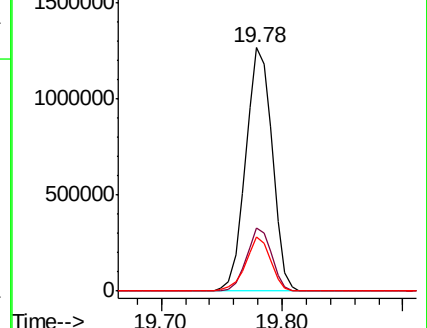
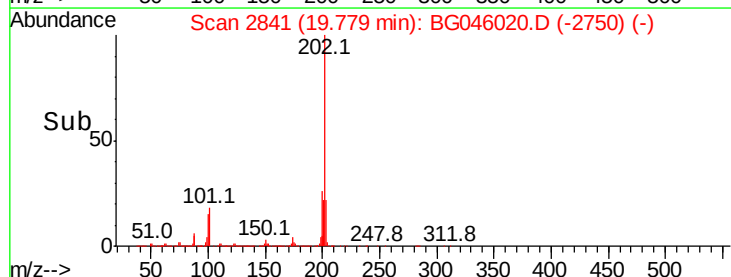
203 22.0 16.5 24.7

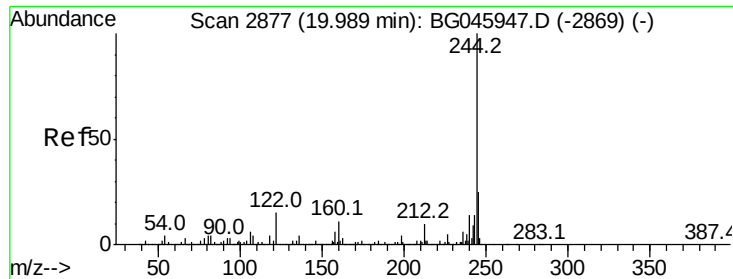


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





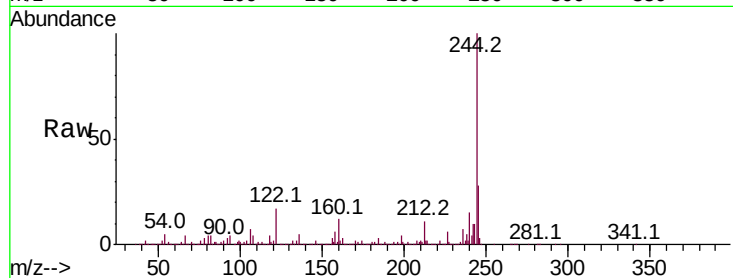
#79
Terphenyl-d14
Concen: 89.251 ng
RT: 19.98 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.3	12.5
122	16.9	12.1	18.1

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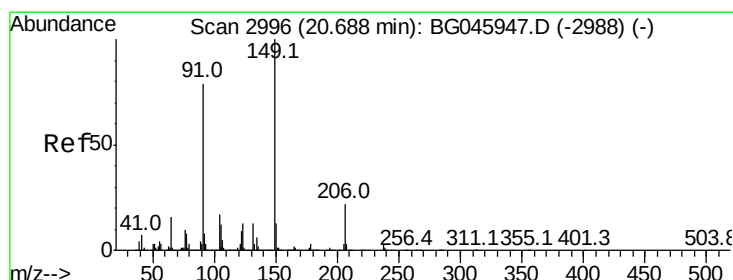
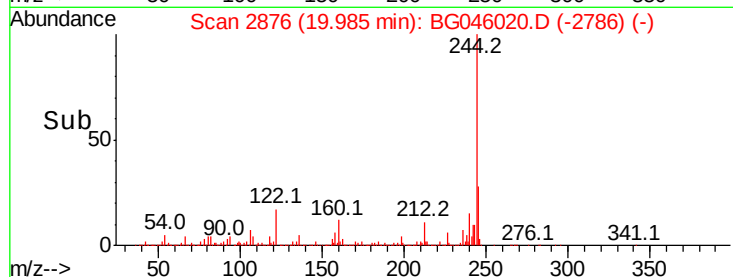
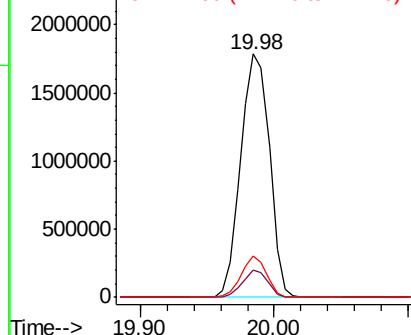


Abundance

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: 44.726 ng
RT: 20.68 min Scan# 2994
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

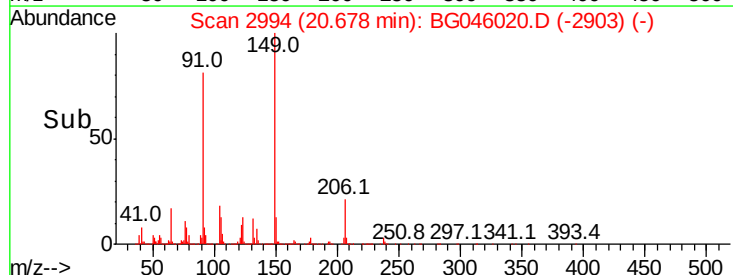
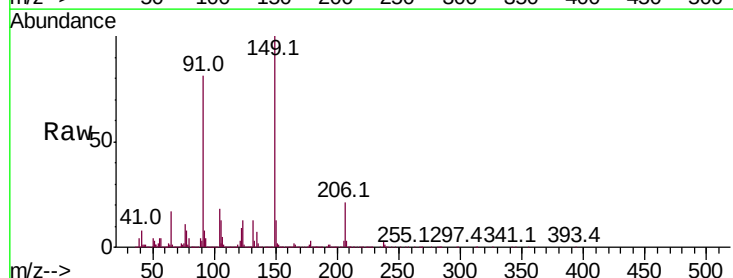
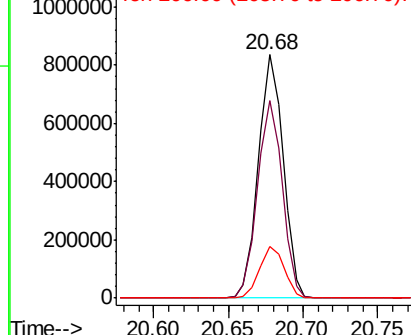
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.3	63.1	94.7
206	21.0	17.4	26.0

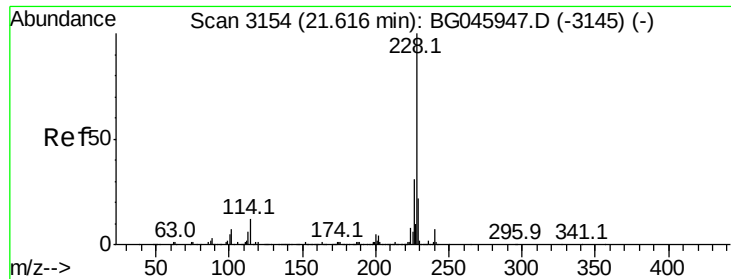
Abundance

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





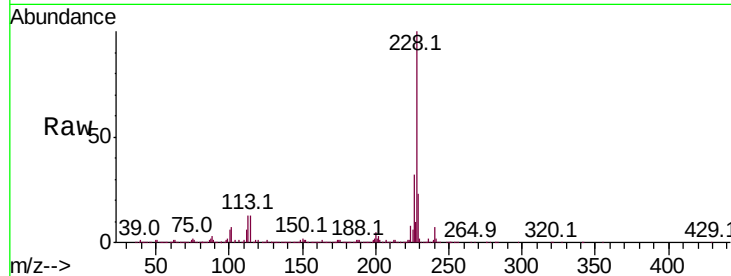
#81
Benzo(a)anthracene
Concen: 41.104 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampled :
PB130142BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	22.5	17.8	26.8

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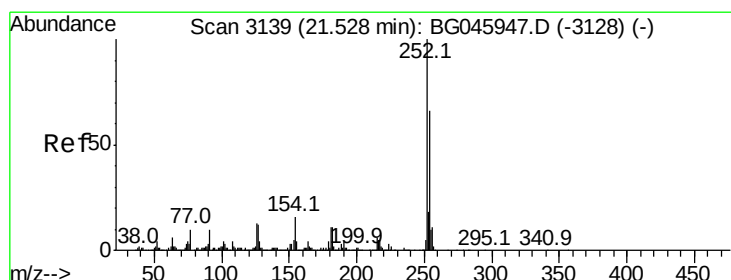
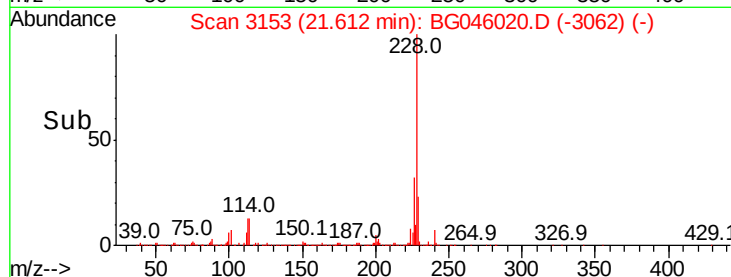
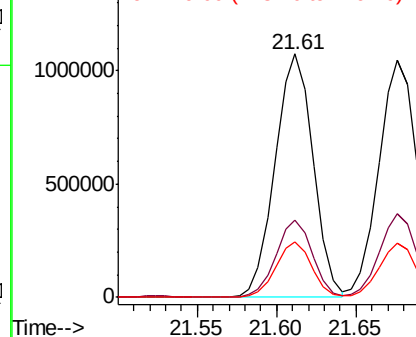


Abundance

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: 34.490 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

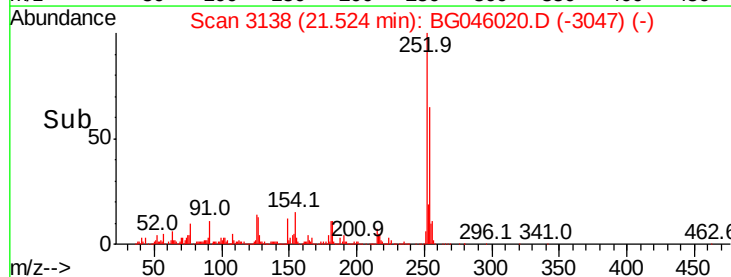
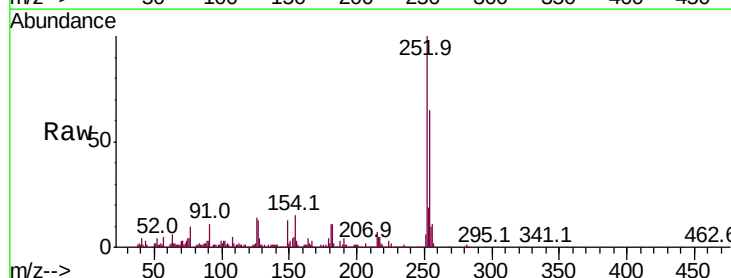
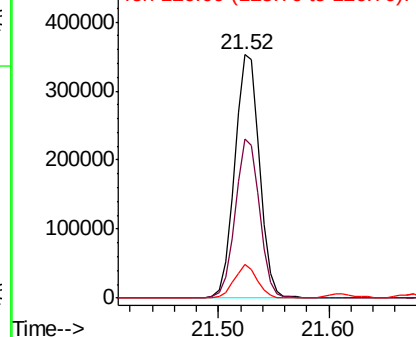
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.9	79.3
126	14.0	10.4	15.6

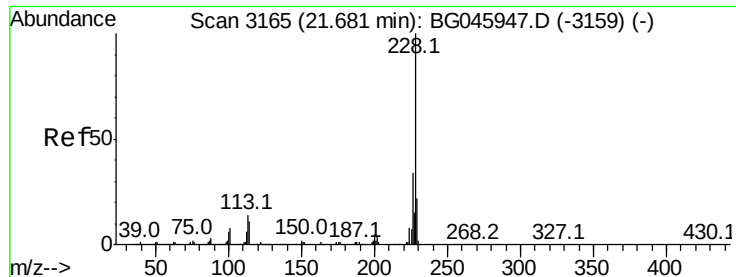
Abundance

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





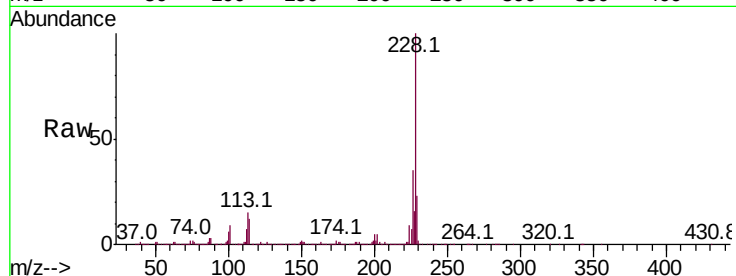
#83
Chrysene
Concen: 41.775 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

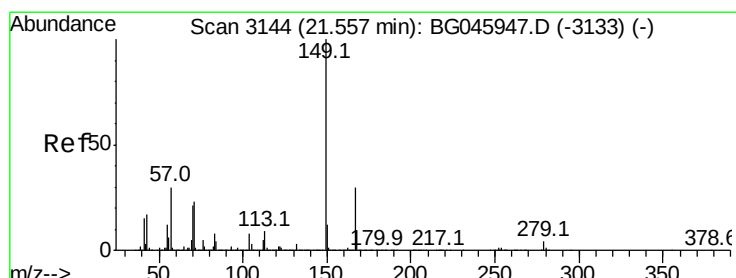
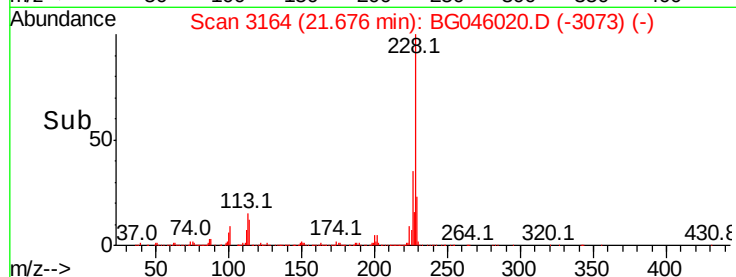
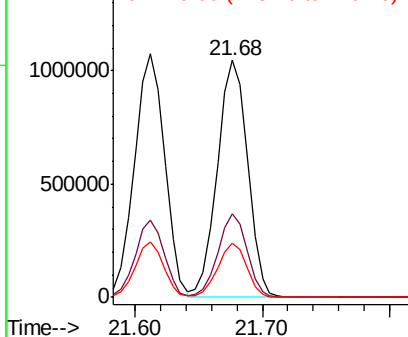
Tot Ion:	228	Resp:	1733227
Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.7	40.1
229	23.1	17.3	25.9

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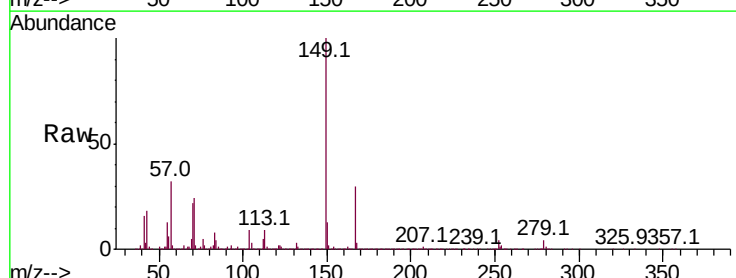


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

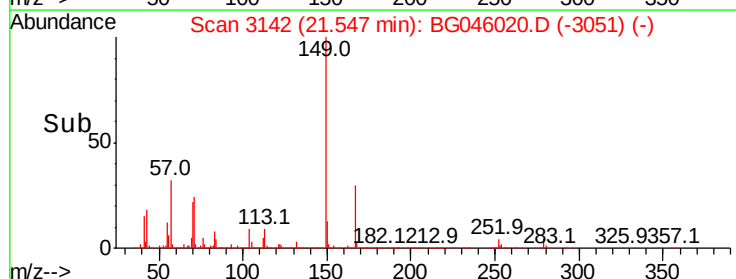
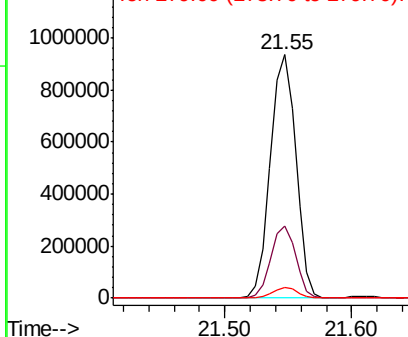


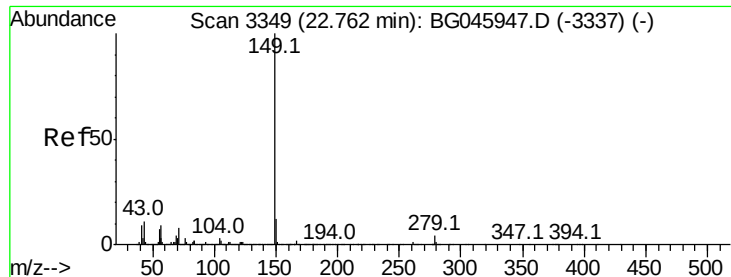
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.255 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion:	149	Resp:	1310475
Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.8	35.8
279	4.3	3.5	5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.987 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

Instrument :

BNA_G

ClientSampleId :

PB130142BS

Tot Ion:149 Resp: 2259722

Ion Ratio Lower Upper

149 100

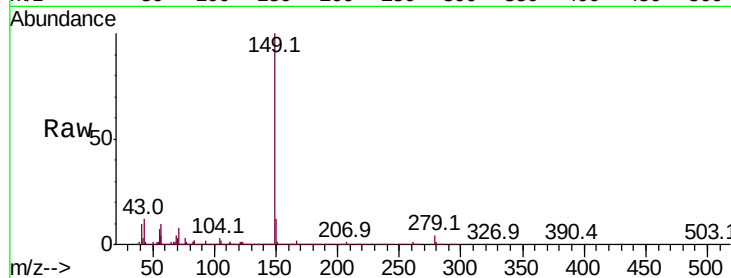
167 1.7 1.4 2.0

43 11.0 8.6 12.8

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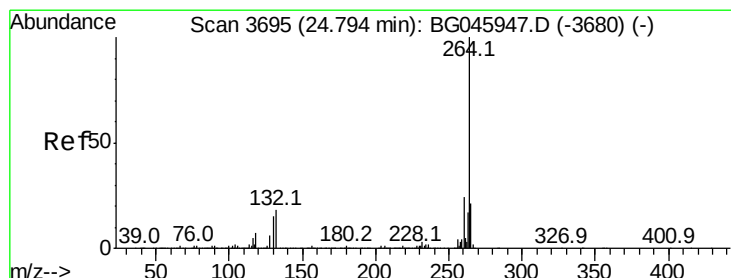
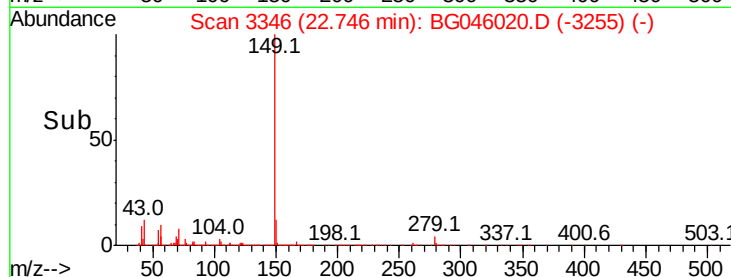
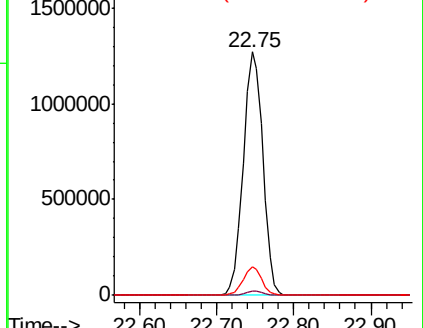
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG046020.D

Acq: 13 Jul 2020 13:15

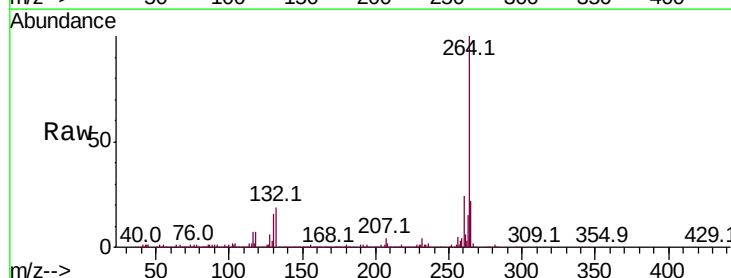
Tgt Ion:264 Resp: 692110

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

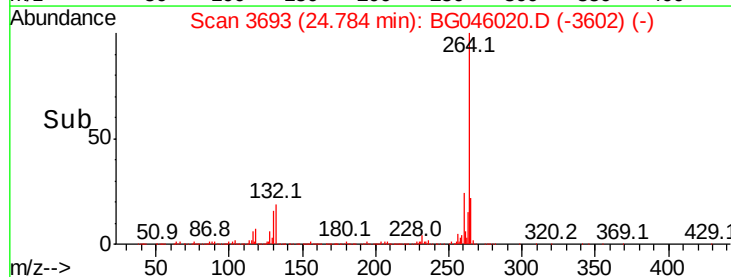
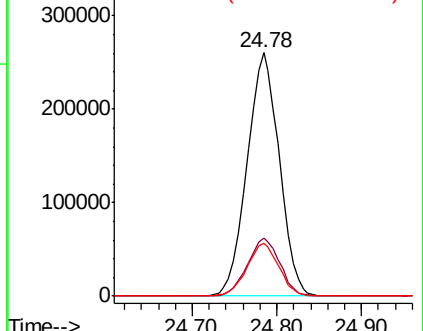
265 21.9 16.9 25.3

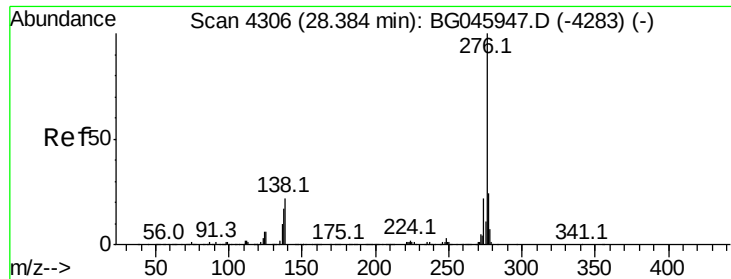


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





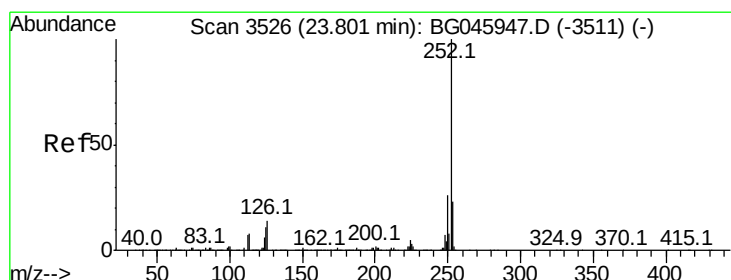
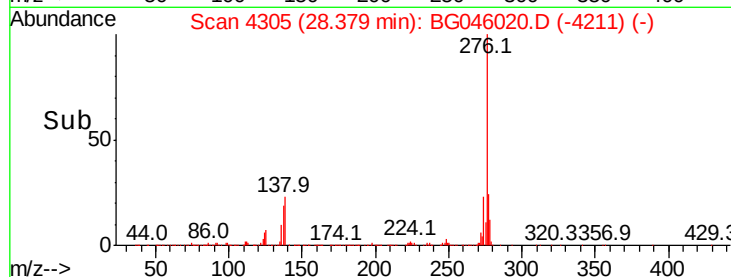
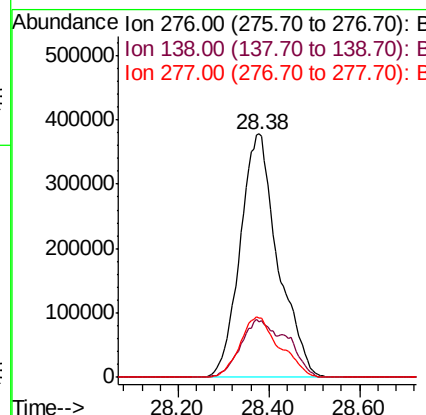
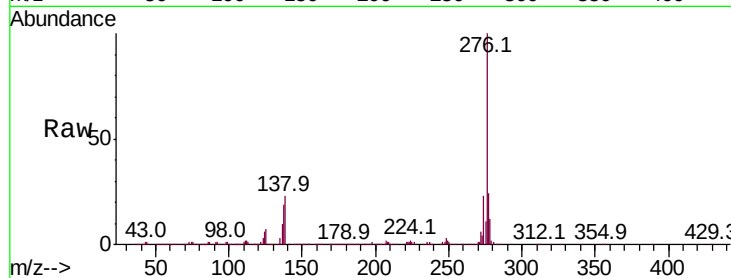
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.029 ng
 RT: 28.38 min Scan# 4305
 Delta R.T. 0.02 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130142BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	26.2	20.6	31.0

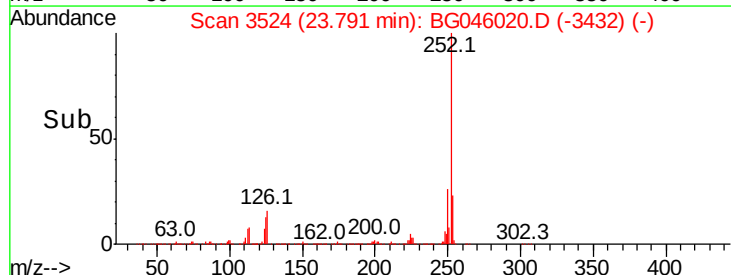
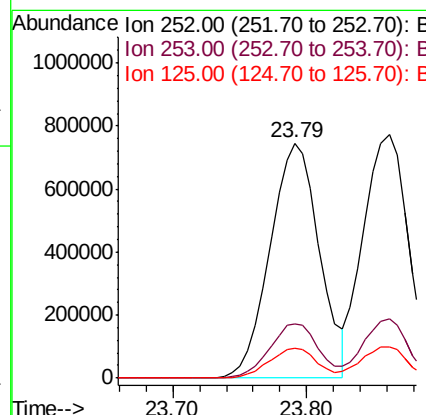
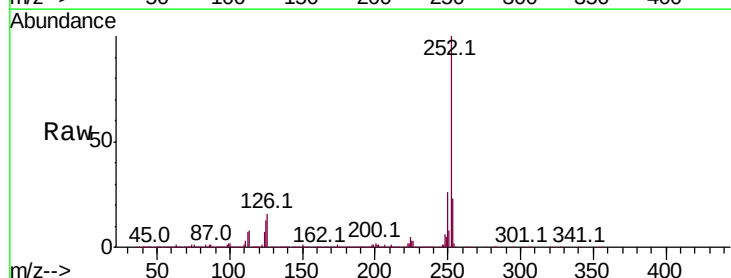
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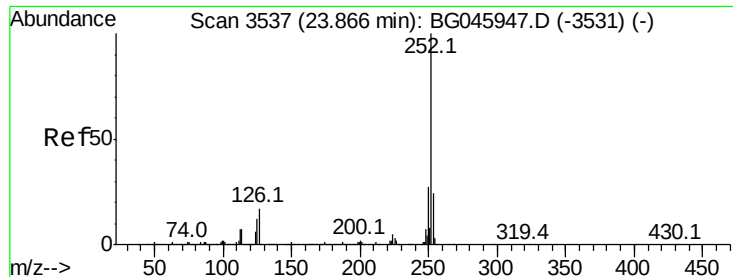
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#88
 Benzo(b)fluoranthene
 Concen: 43.468 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. 0.01 min
 Lab File: BG046020.D
 Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	12.6	9.2	13.8





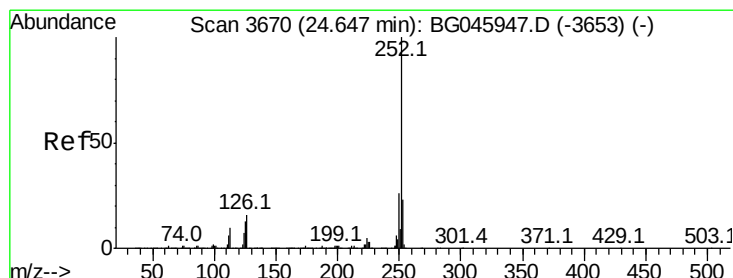
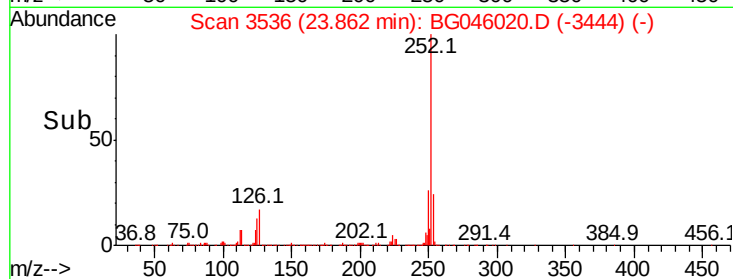
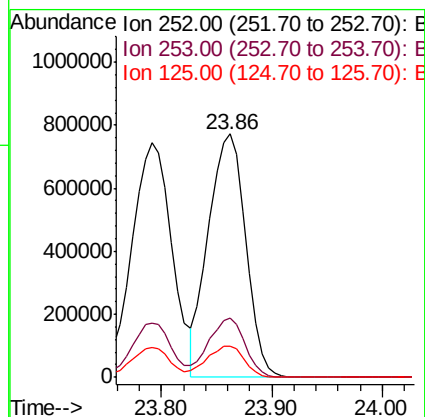
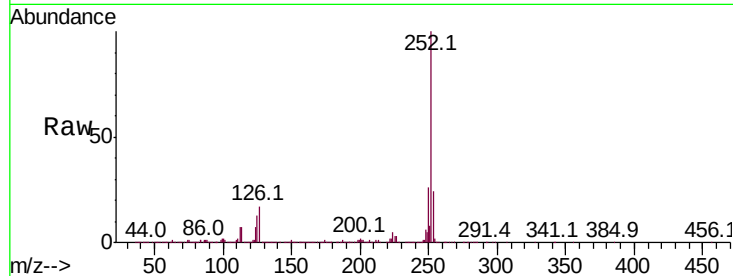
#89
Benzo(k)fluoranthene
Concen: 43.300 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	13.0	9.6	14.4

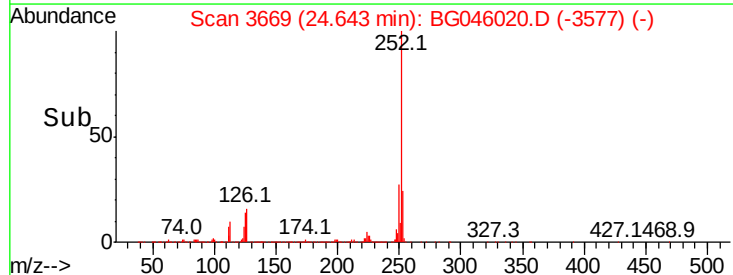
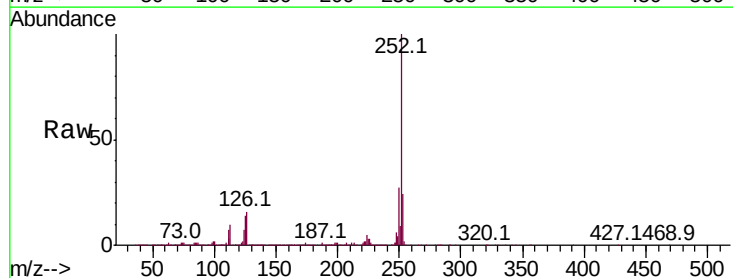
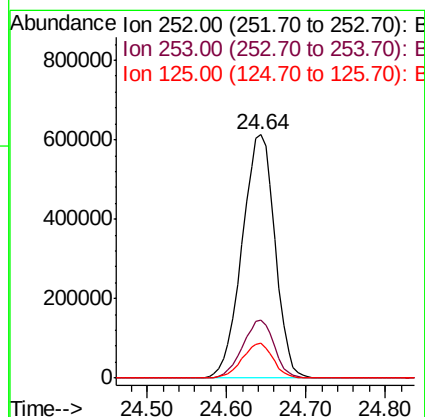
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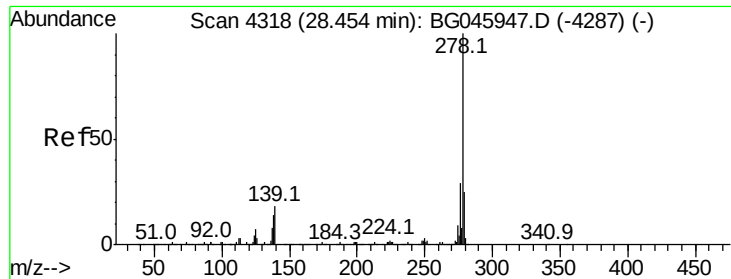
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#90
Benzo(a)pyrene
Concen: 42.616 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	28.0
125	14.1	10.5	15.7





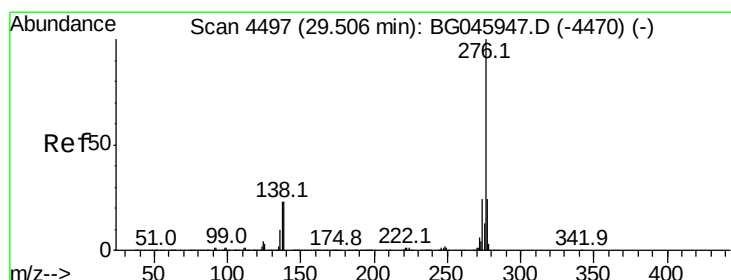
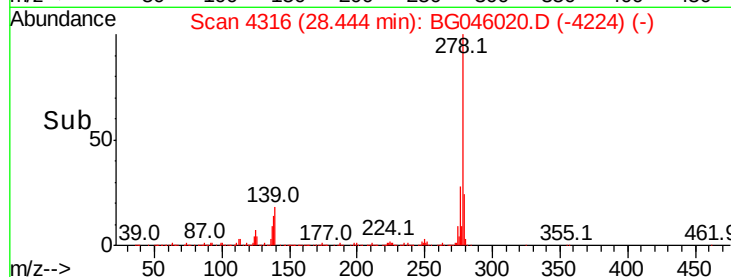
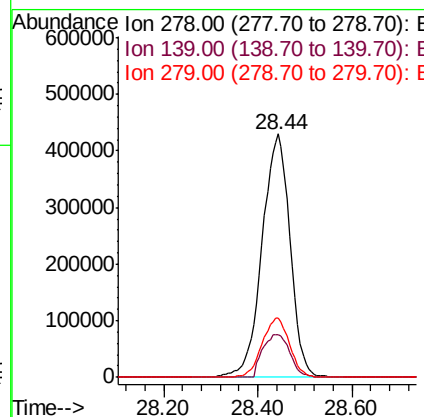
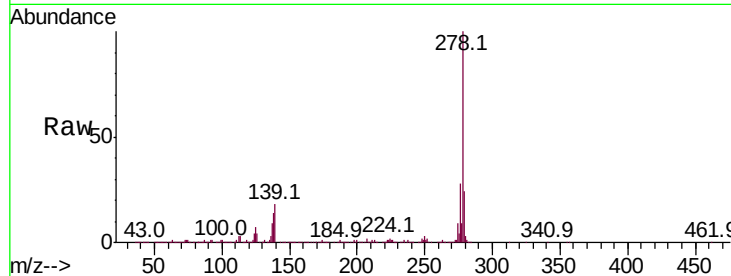
#91
Dibenzo(a,h)anthracene
Concen: 43.550 ng
RT: 28.44 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.3	21.5
279	24.1	19.8	29.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.217 ng
RT: 29.49 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG046020.D
Acq: 13 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	25.2	18.6	28.0

