

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045972.D
 Acq On : 7 Jul 2020 23:23
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:55:52 AM

Quant Time: Jul 08 00:01:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	149723	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	583275	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	346409	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	703367	20.00	ng	0.00
76) Chrysene-d12	21.63	240	606588	20.00	ng	0.00
86) Perylene-d12	24.79	264	630256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	735539	79.67	ng	0.00
7) Phenol-d6	7.17	99	1081901	81.39	ng	0.00
23) Nitrobenzene-d5	9.16	82	930851	91.86	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	271882	84.57	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1772219	79.80	ng	0.00
79) Terphenyl-d14	19.99	244	2192034	80.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	175353	41.167	ng	96
3) Pyridine	3.90	79	540316	41.951	ng	99
4) n-Nitrosodimethylamine	3.82	42	190627	43.770	ng	# 93
6) Aniline	7.33	93	682137	40.115	ng	99
8) 2-Chlorophenol	7.58	128	397445	39.989	ng	98
9) Benzaldehyde	7.14	77	332577	39.490	ng	99
10) Phenol	7.19	94	536296	40.221	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	445816	40.433	ng	98
12) 1,3-Dichlorobenzene	7.90	146	455064	39.723	ng	99
13) 1,4-Dichlorobenzene	8.05	146	451184	40.036	ng	98
14) 1,2-Dichlorobenzene	8.36	146	426444	39.318	ng	97
15) Benzyl Alcohol	8.24	79	425258	40.802	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	590795	41.068	ng	97
17) 2-Methylphenol	8.44	107	401032	40.083	ng	97
18) Hexachloroethane	9.10	117	172326	39.742	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	379409	40.631	ng	98
20) 3+4-Methylphenols	8.77	107	553416	40.586	ng	98
22) Acetophenone	8.83	105	626437	40.202	ng	# 97
24) Nitrobenzene	9.20	77	513263	45.889	ng	100
25) Isophorone	9.73	82	1008215	40.755	ng	99
26) 2-Nitrophenol	9.91	139	184297	50.552	ng	96
27) 2,4-Dimethylphenol	9.98	122	351244	39.889	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	568462	40.921	ng	99
29) 2,4-Dichlorophenol	10.45	162	368072	40.379	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	401069	39.710	ng	100
31) Naphthalene	10.86	128	1240168	39.662	ng	99
32) Benzoic acid	10.11	122	243341	45.622	ng	95
33) 4-Chloroaniline	10.95	127	550123	39.371	ng	99
34) Hexachlorobutadiene	11.16	225	231107	39.189	ng	97
35) Caprolactam	11.72	113	140755	40.670	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	420418	40.494	ng	98
37) 2-Methylnaphthalene	12.46	142	887998	39.951	ng	98
38) 1-Methylnaphthalene	12.68	142	840438	40.065	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	393478	40.295	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	229930	39.683	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	278426	42.160	nq	98
44) 2,4,5-Trichlorophenol	13.13	196	312323	41.827	nq	98
46) 1,1'-Biphenyl	13.47	154	1056906	40.558	nq	100
47) 2-Chloronaphthalene	13.51	162	821235	39.942	nq	98
48) 2-Nitroaniline	13.70	65	277530	48.138	nq	96
49) Acenaphthylene	14.35	152	1321777	39.845	nq	100
50) Dimethylphthalate	14.09	163	1029004	39.581	nq	99
51) 2,6-Dinitrotoluene	14.20	165	215959	46.552	nq	97
52) Acenaphthene	14.69	154	851288	40.684	nq	98
53) 3-Nitroaniline	14.52	138	259475	45.635	nq	# 89
54) 2,4-Dinitrophenol	14.72	184	78511	47.798	nq	93
55) Dibenzofuran	15.03	168	1215731	39.636	nq	100
56) 4-Nitrophenol	14.82	139	204446	48.270	nq	98
57) 2,4-Dinitrotoluene	14.98	165	284066	47.637	nq	97
58) Fluorene	15.68	166	989787	39.337	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	244786m	42.460	nq	
60) Diethylphthalate	15.46	149	1066521	39.118	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	488961	39.061	nq	97
62) 4-Nitroaniline	15.69	138	259707	48.335	nq	94
63) Azobenzene	15.96	77	1189980	40.666	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	115771	47.831	nq	96
66) n-Nitrosodiphenylamine	15.88	169	874523	40.123	nq	100
67) 4-Bromophenyl-phenylether	16.57	248	321331	40.905	nq	98
68) Hexachlorobenzene	16.69	284	319105	40.480	nq	98
69) Atrazine	16.83	200	251814	39.076	nq	98
70) Pentachlorophenol	17.02	266	192430	43.906	nq	96
71) Phenanthrene	17.41	178	1494385	40.188	nq	99
72) Anthracene	17.51	178	1501157	39.780	nq	99
73) Carbazole	17.77	167	1490152	39.396	nq	99
74) Di-n-butylphthalate	18.35	149	1759520	38.494	nq	99
75) Fluoranthene	19.42	202	1707481	39.721	nq	99
77) Benzidine	19.59	184	754164	43.483	nq	98
78) Pyrene	19.78	202	1709710	41.292	nq	99
80) Butylbenzylphthalate	20.68	149	830852	42.462	nq	97
81) Benzo(a)anthracene	21.61	228	1582748	39.683	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	593355	40.259	nq	99
83) Chrysene	21.68	228	1512600	39.808	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1147308	40.394	nq	99
85) Di-n-octyl phthalate	22.75	149	1982674	40.225	nq	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	1932264	41.908	nq	98
88) Benzo(b)fluoranthene	23.79	252	1684140	42.094	nq	99
89) Benzo(k)fluoranthene	23.86	252	1570072	41.502	nq	99
90) Benzo(a)pyrene	24.64	252	1582868	42.073	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1541266	41.445	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1545863	41.306	nq	99

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

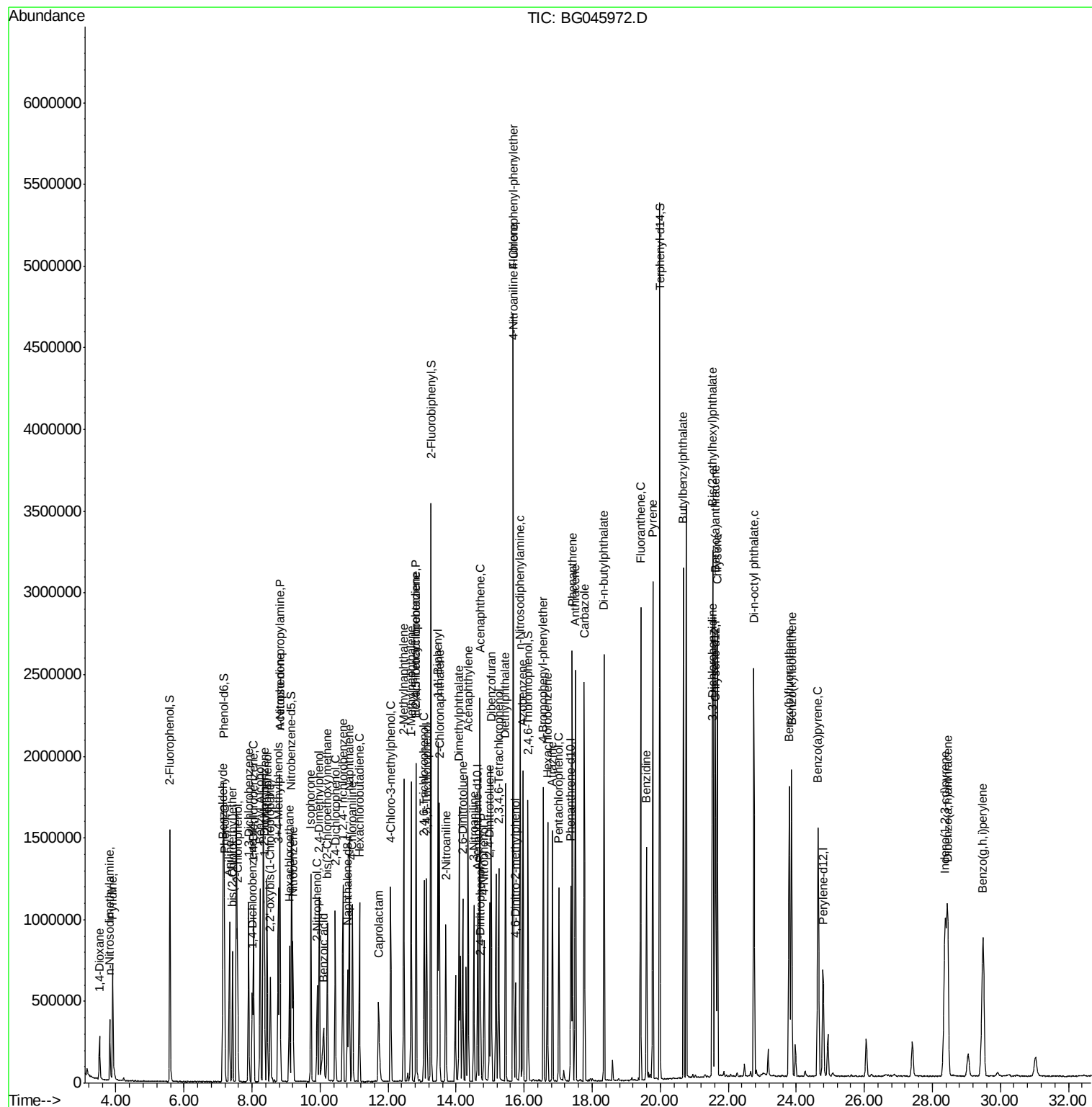
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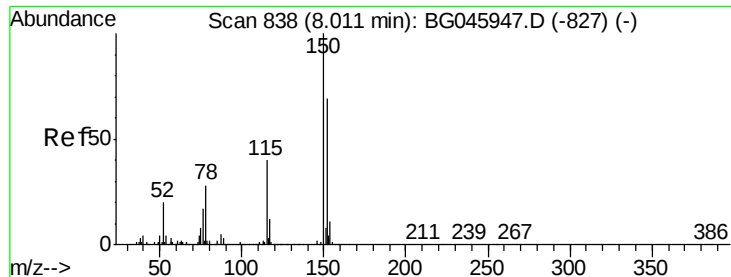
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

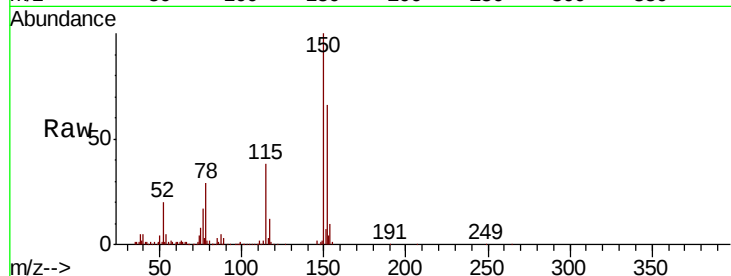
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	116.7	175.1
115	57.5	47.4	71.0

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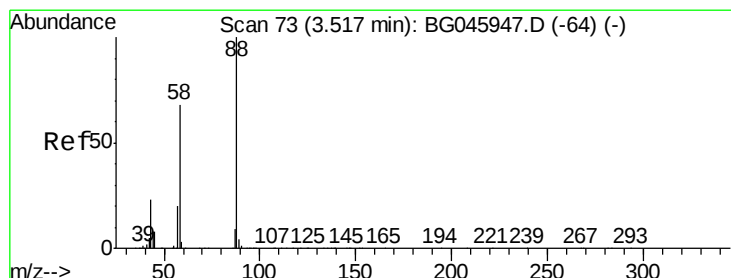
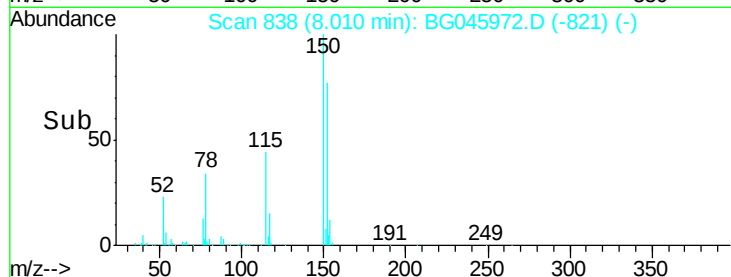
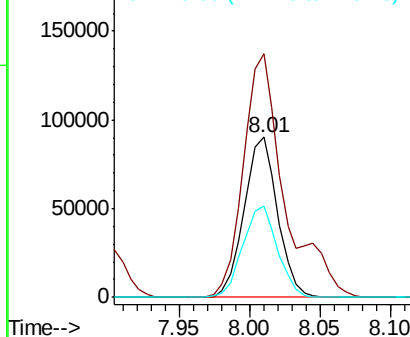


Abundance

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: 41.167 ng

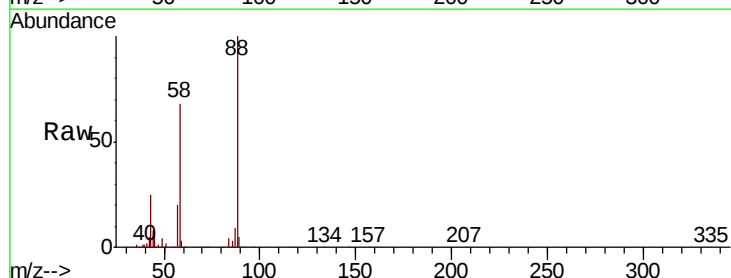
RT: 3.52 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	55.2	82.8
43	25.8	19.4	29.0

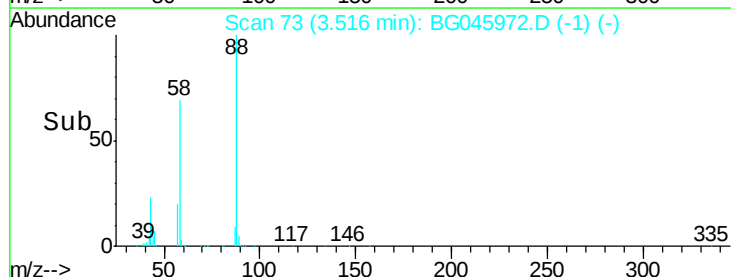
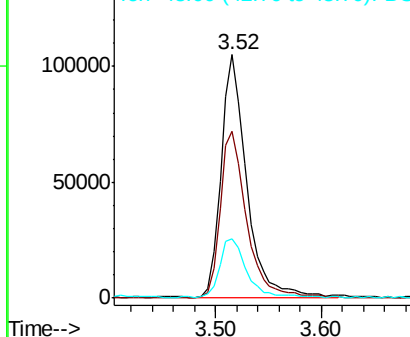


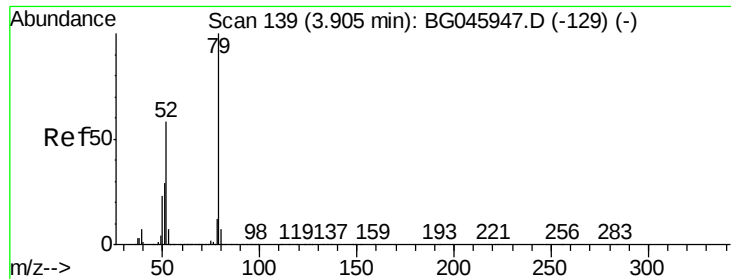
Abundance

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: 41.951 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

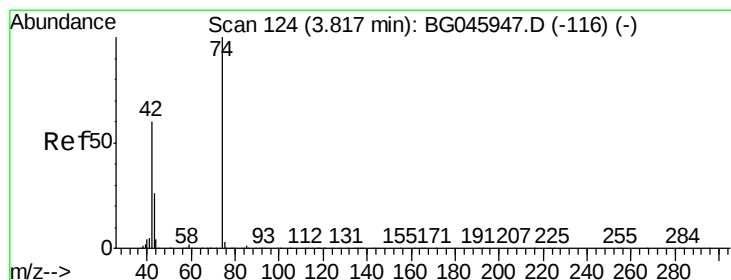
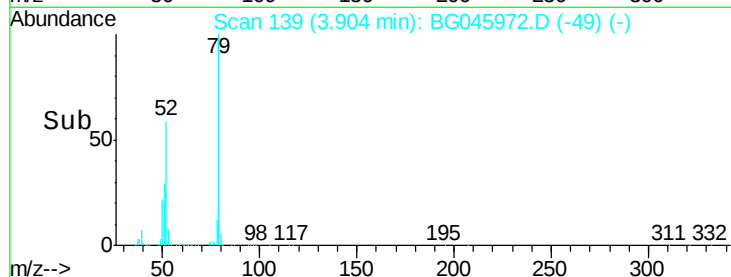
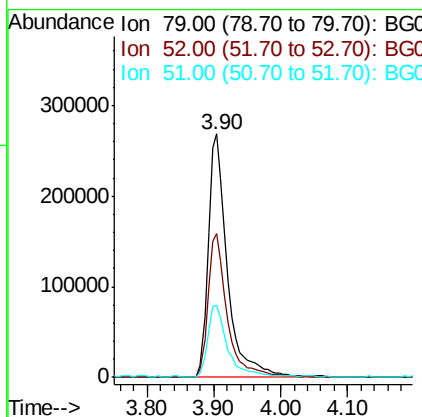
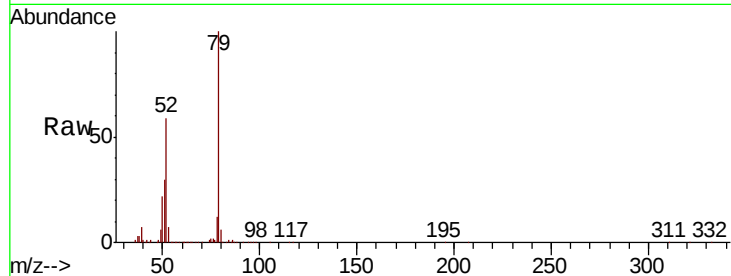
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	540316
Ion	Ratio	Lower	Upper
79	100		
52	59.1	46.5	69.7
51	29.6	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 43.770 ng

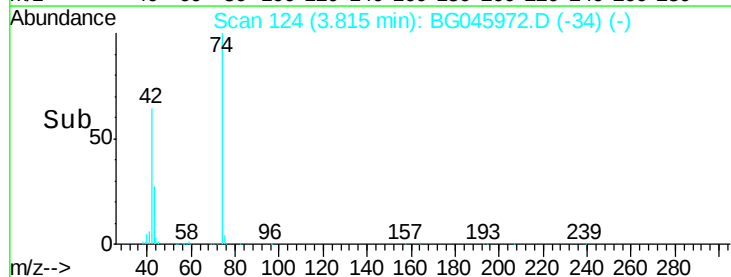
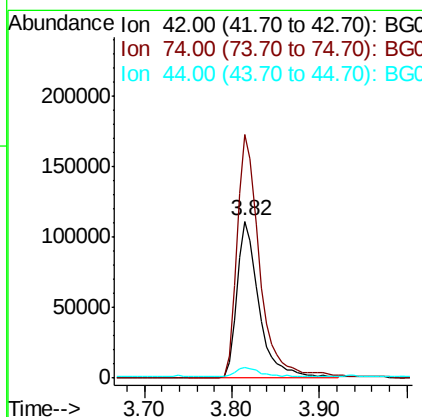
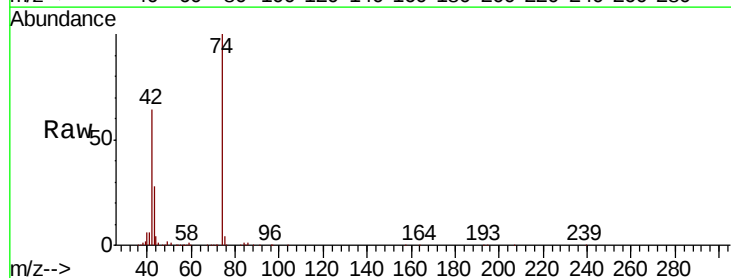
RT: 3.82 min Scan# 124

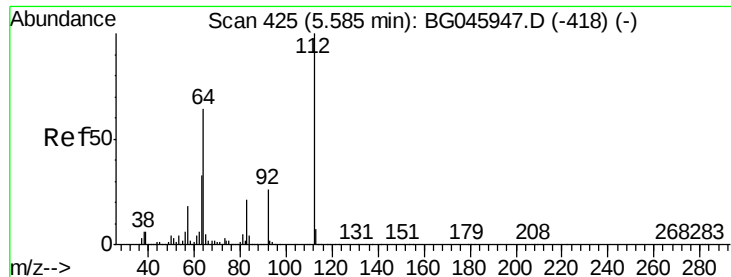
Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	42	Resp:	190627
Ion	Ratio	Lower	Upper
42	100		
74	155.5	131.9	197.9
44	6.7	7.7	11.5#





#5

2-Fluorophenol

Concen: 79.667 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

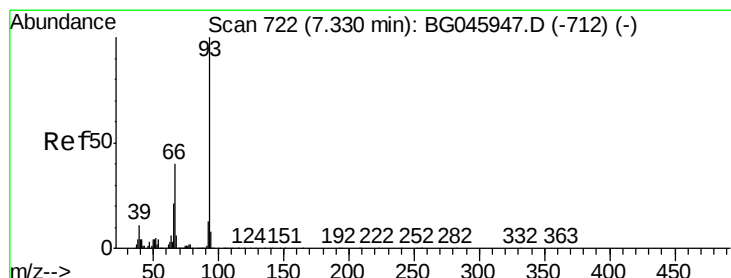
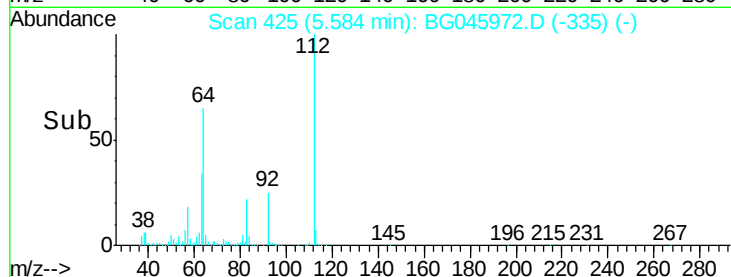
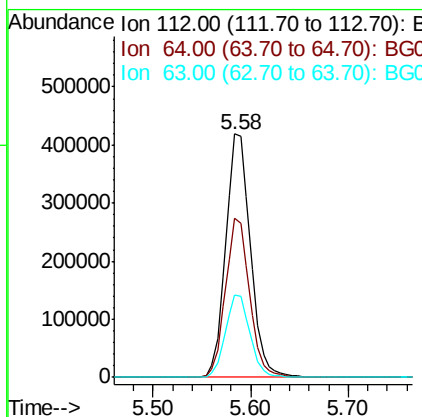
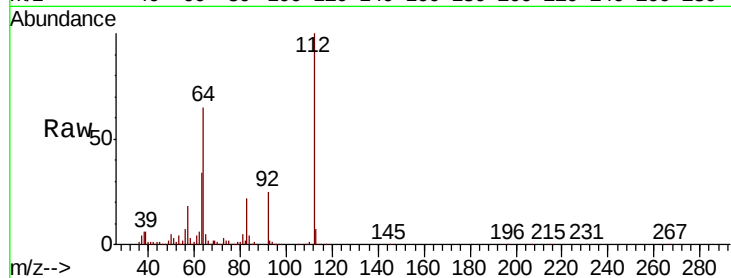
ClientSampleId :

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Tot Ion:	112	Resp:	735539
Ion Ratio	Lower	Upper	
112	100		
64	65.4	51.4	77.2
63	34.0	26.6	40.0

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#6

Aniline

Concen: 40.115 ng

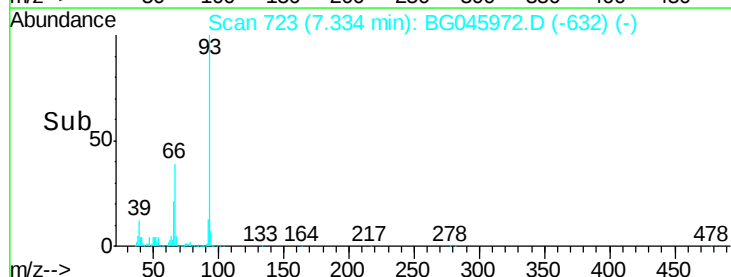
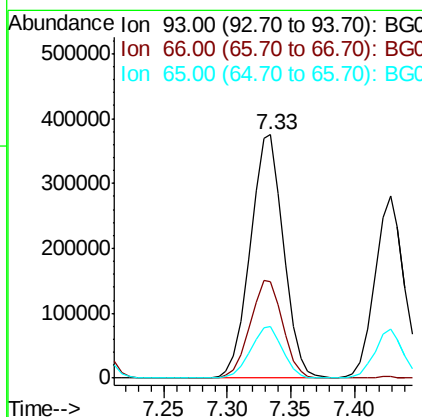
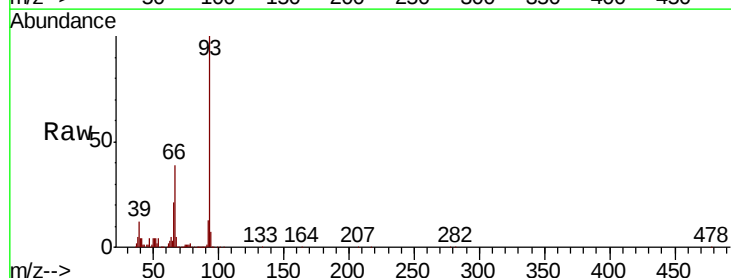
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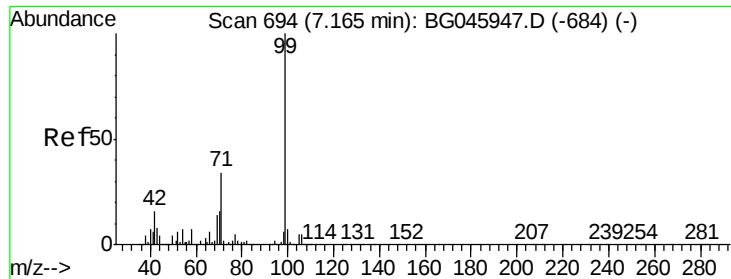
Delta R.T. 0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	93	Resp:	682137
Ion Ratio	Lower	Upper	
93	100		
66	39.4	32.3	48.5
65	21.0	16.6	25.0





#7

Phenol-d6

Concen: 81.393 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

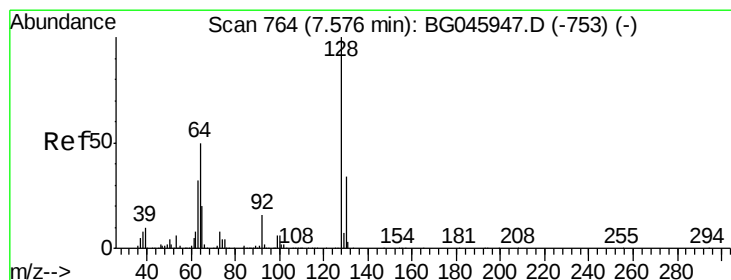
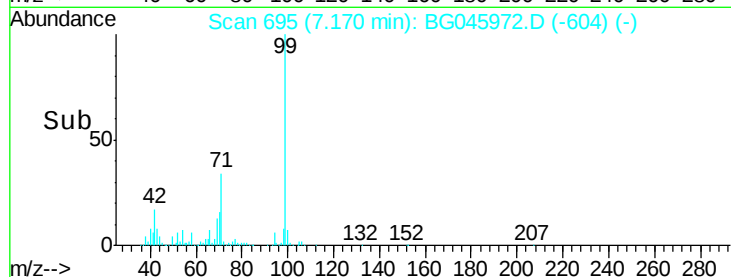
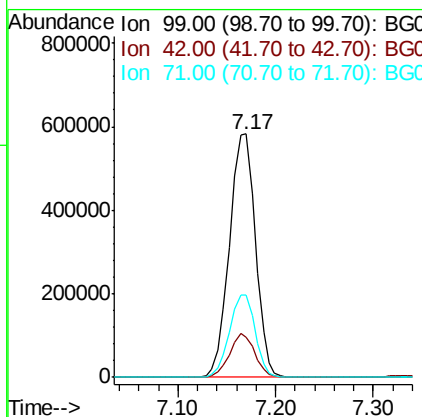
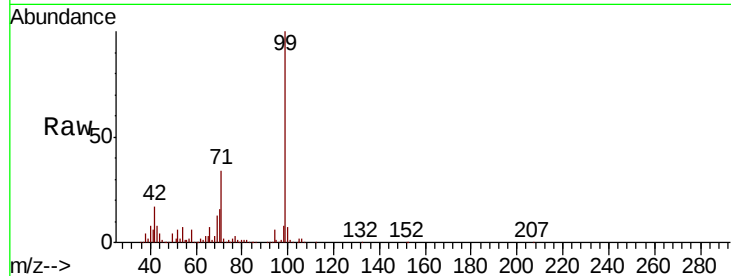
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	1081901
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	34.0	27.5	41.3

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#8

2-Chlorophenol

Concen: 39.989 ng

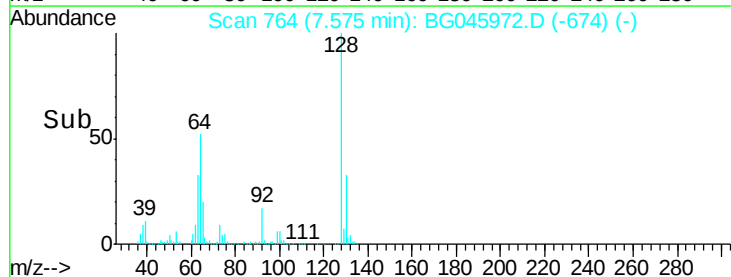
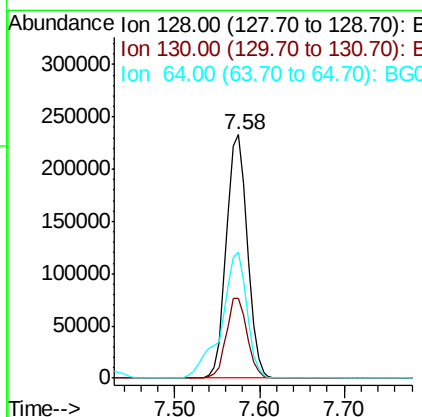
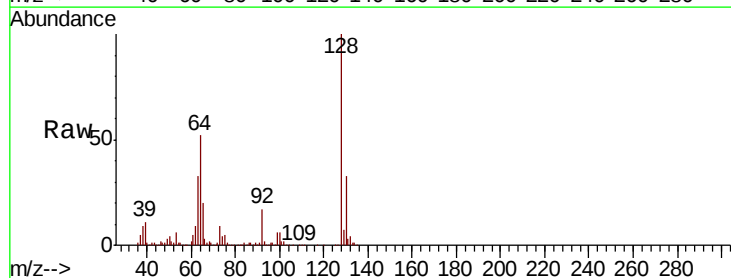
RT: 7.58 min Scan# 764

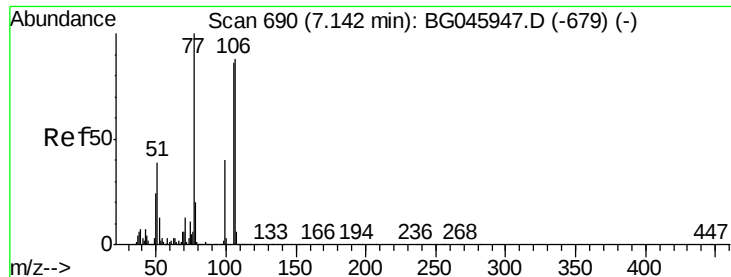
Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	128	Resp:	397445
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	51.8	30.6	70.6





#9

Benzaldehyde

Concen: 39.490 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

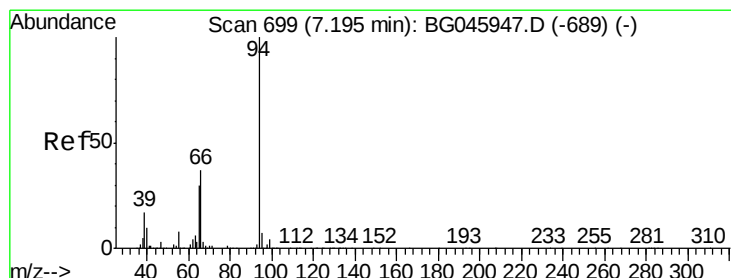
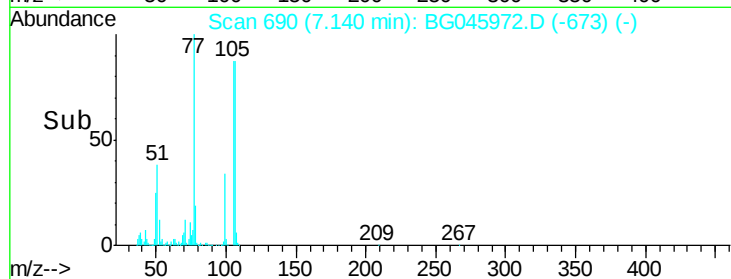
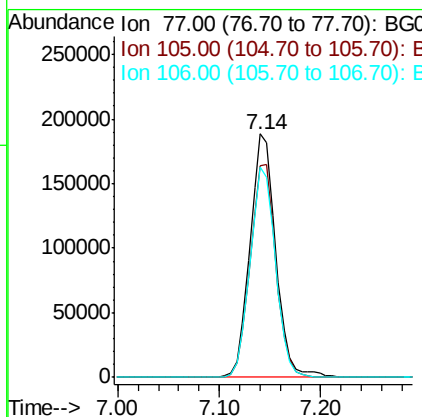
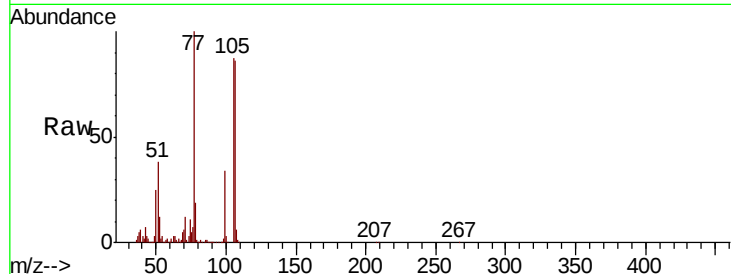
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	332577
Ion Ratio	Lower	Upper	
77	100		
105	86.9	66.0	106.0
106	86.4	67.7	107.7

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#10

Phenol

Concen: 40.221 ng

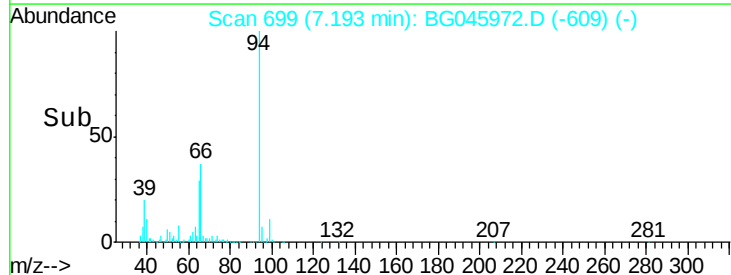
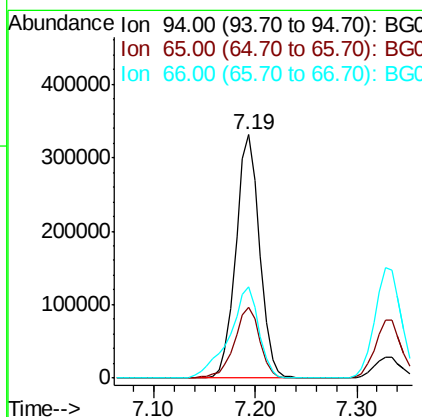
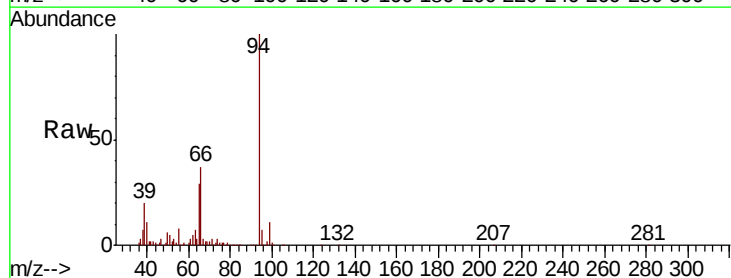
RT: 7.19 min Scan# 699

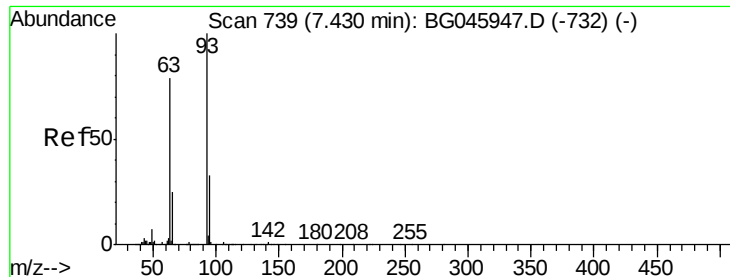
Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	94	Resp:	536296
Ion Ratio	Lower	Upper	
94	100		
65	28.8	10.6	50.6
66	37.3	17.1	57.1





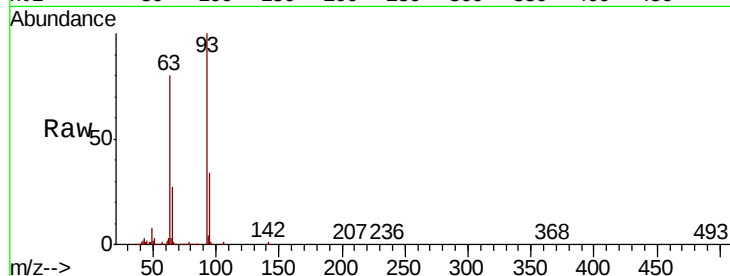
#11
bis(2-Chloroethyl)ether
Concen: 40.433 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

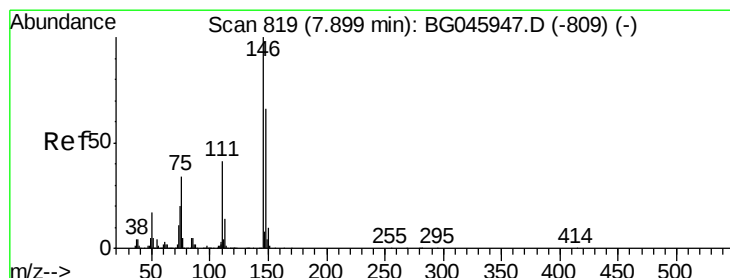
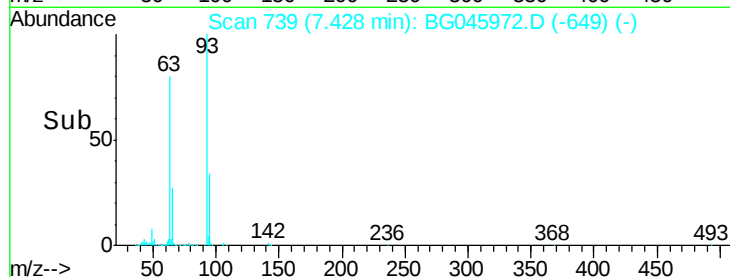
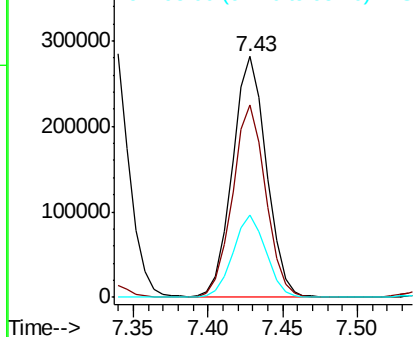
Tot Ion	93	Resp	445816
Ion	Ratio	Lower	Upper
93	100		
63	79.7	58.6	98.6
95	34.4	13.3	53.3

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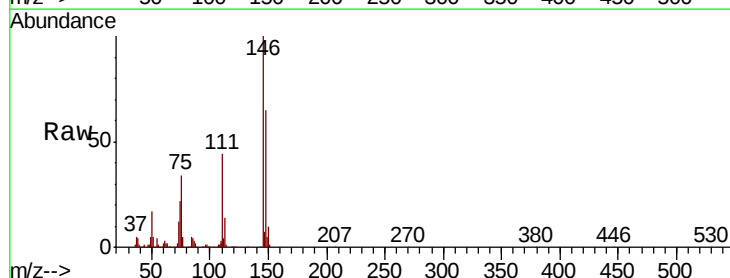


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

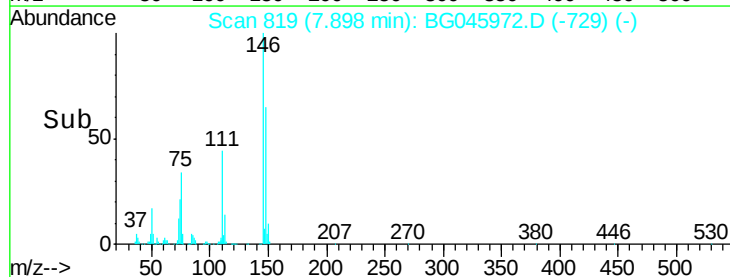
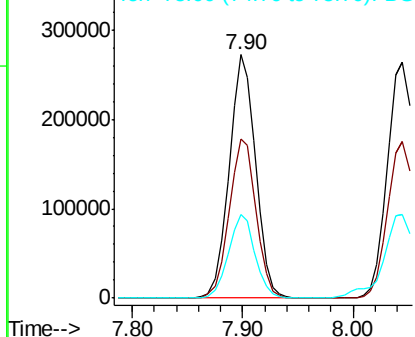


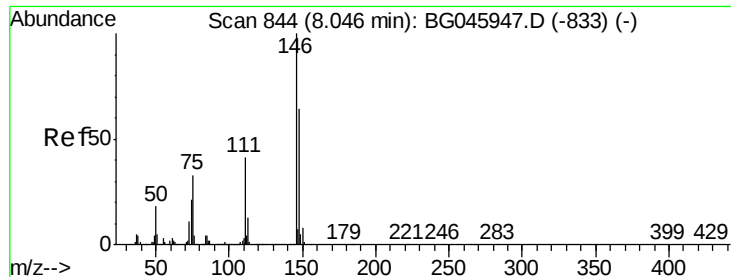
#12
1,3-Dichlorobenzene
Concen: 39.723 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	146	Resp	455064
Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.8	79.2
75	34.3	27.2	40.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





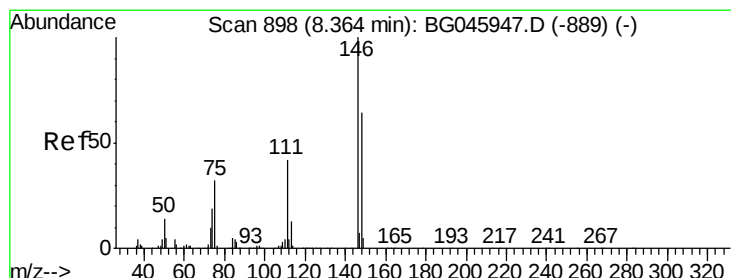
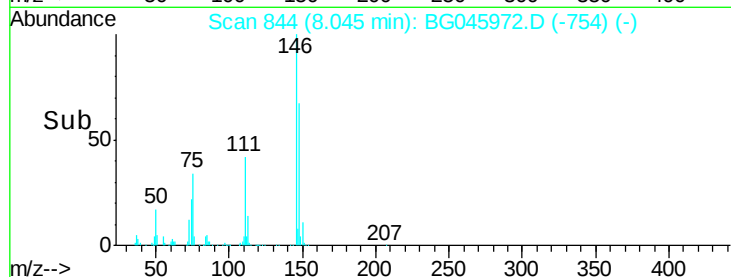
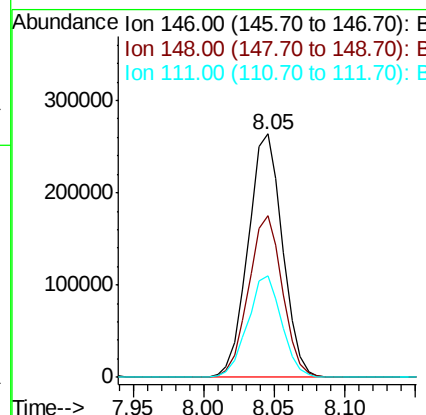
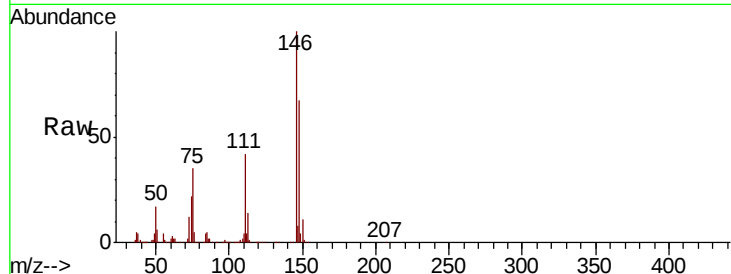
#13
 1,4-Dichlorobenzene
 Concen: 40.036 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.7	77.5
111	41.6	33.3	49.9

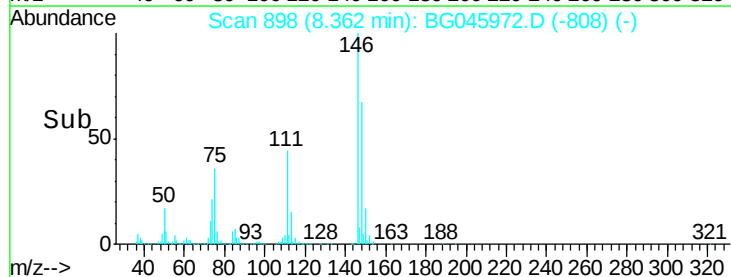
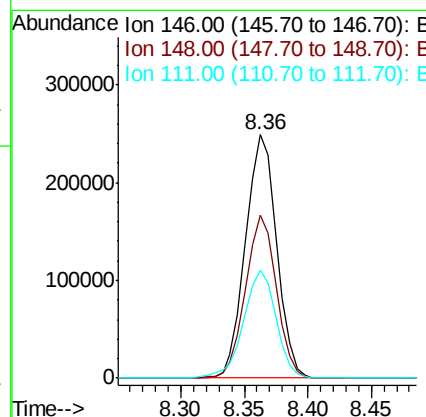
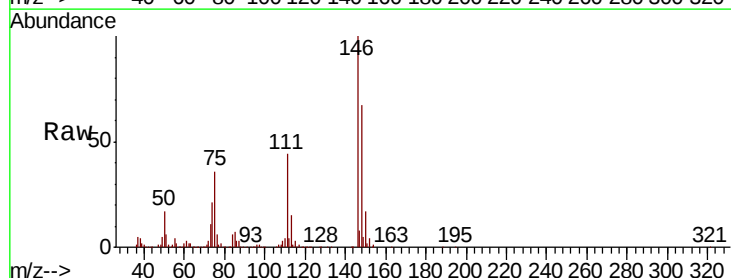
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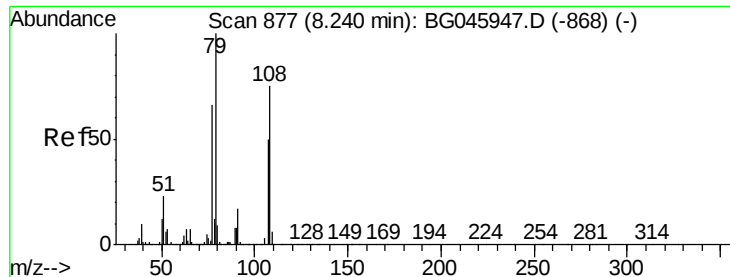
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.318 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.6	77.4
111	44.4	34.0	51.0





#15

Benzyl Alcohol

Concen: 40.802 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

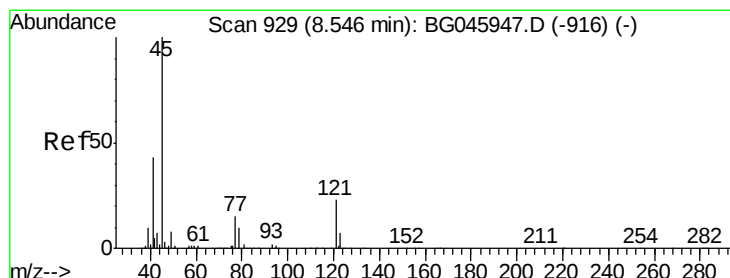
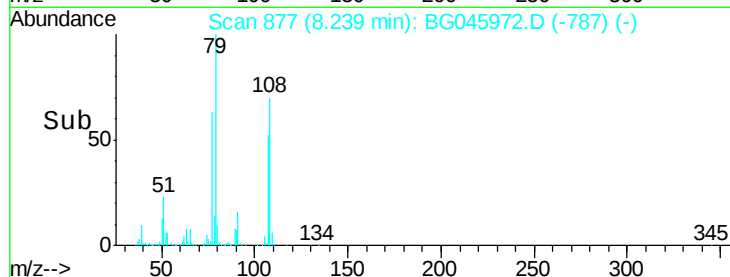
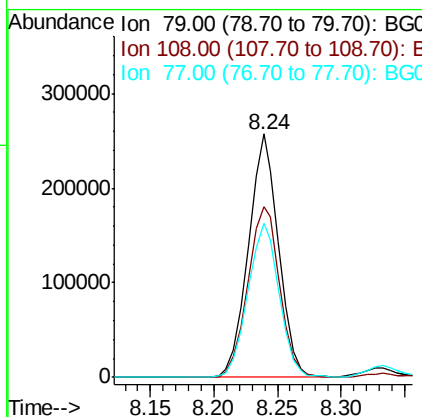
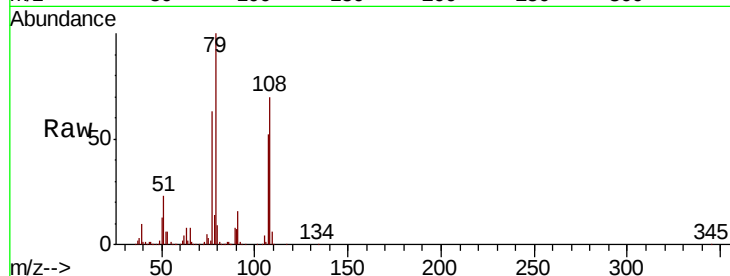
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	425258
Ion	Ratio	Lower	Upper
79	100		
108	70.3	60.2	90.4
77	63.0	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.068 ng

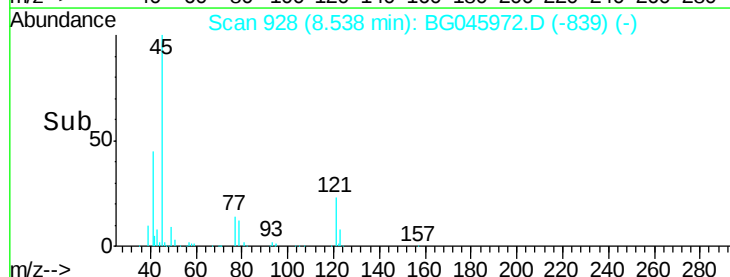
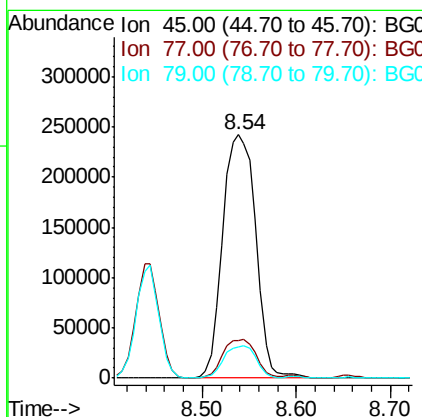
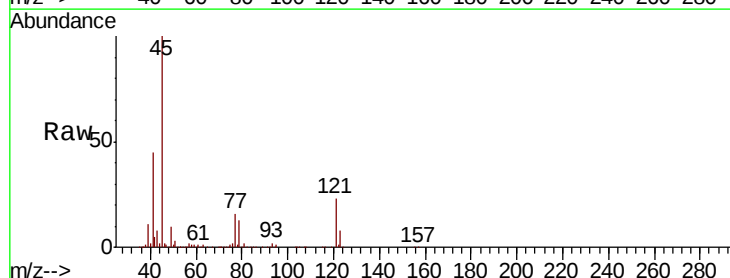
RT: 8.54 min Scan# 928

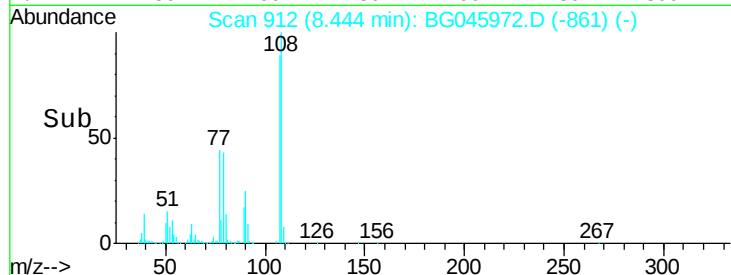
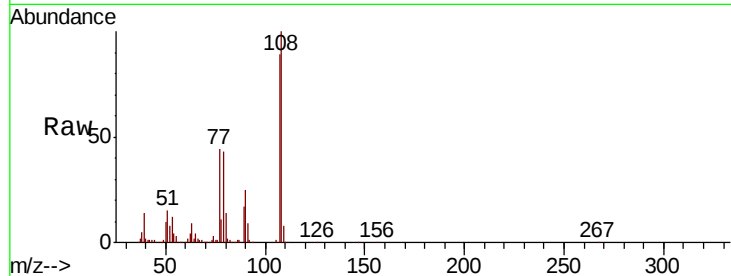
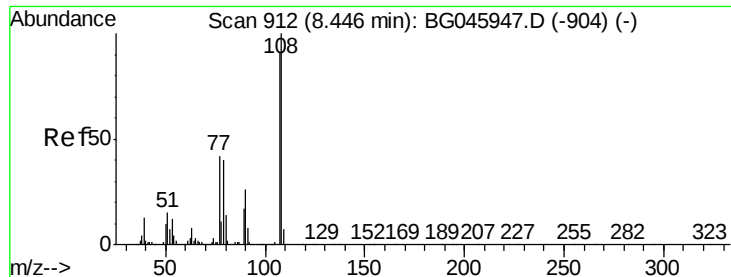
Delta R.T. -0.01 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	45	Resp:	590795
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	37.6
79	12.6	0.0	32.6





#17

2-Methylphenol

Concen: 40.083 ng

RT: 8.44 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	88.2	132.4	
77	49.0	37.0	55.4	
79	48.4	35.4	53.0	

Instrument :

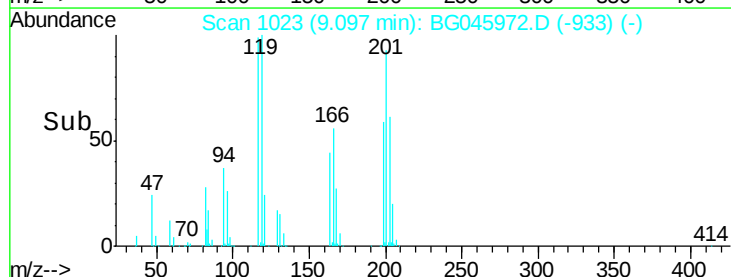
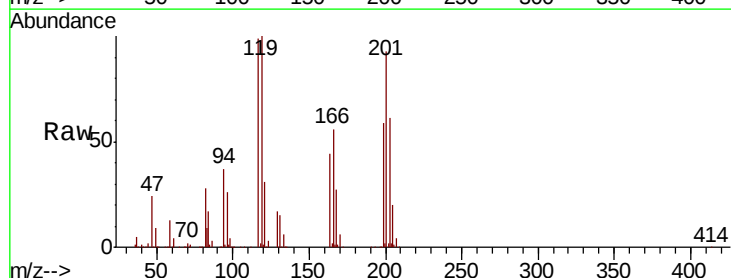
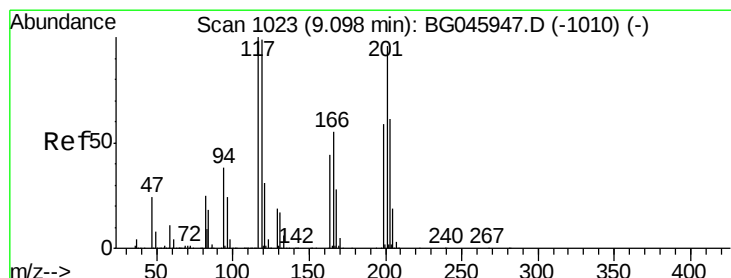
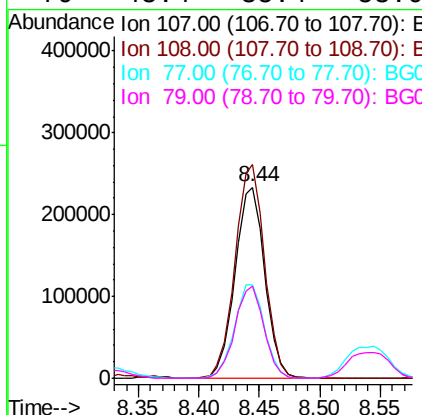
BNA_G

ClientSampleId :

SSTDCCC040EC

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#18

Hexachloroethane

Concen: 39.742 ng

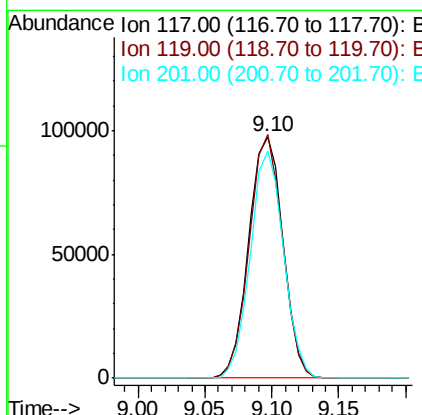
RT: 9.10 min Scan# 1023

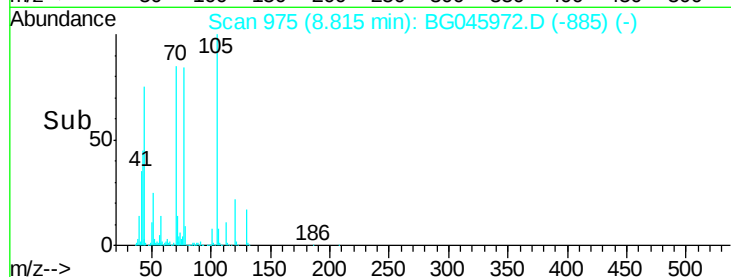
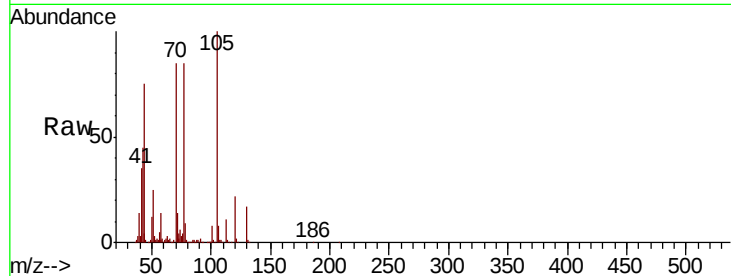
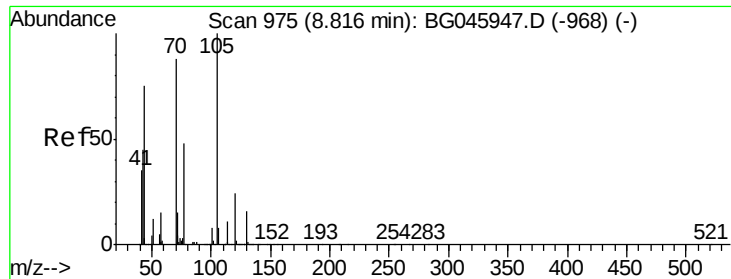
Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

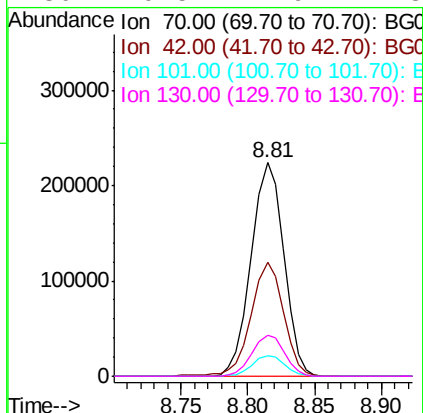
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	79.5	119.3	
201	94.0	77.0	115.4	





#19
n-Nitroso-di-n-propylamine
Concen: 40.631 ng
RT: 8.81 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

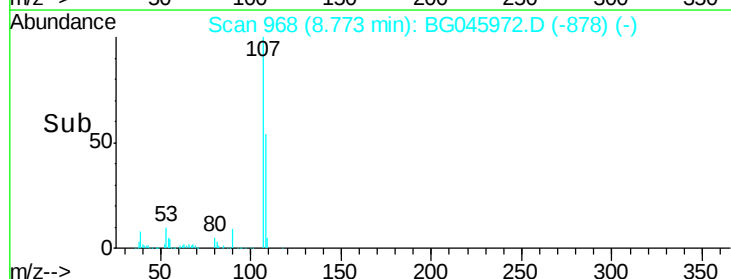
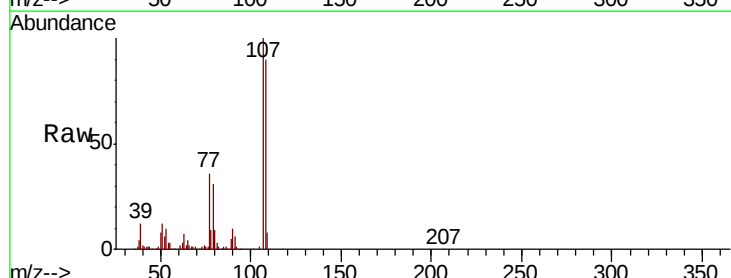
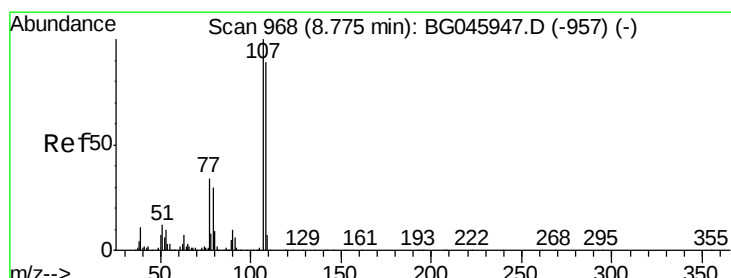
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.2	41.4	62.0	
101	9.3	7.1	10.7	
130	19.5	14.9	22.3	



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

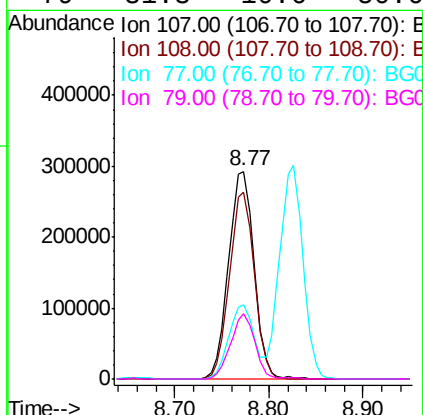
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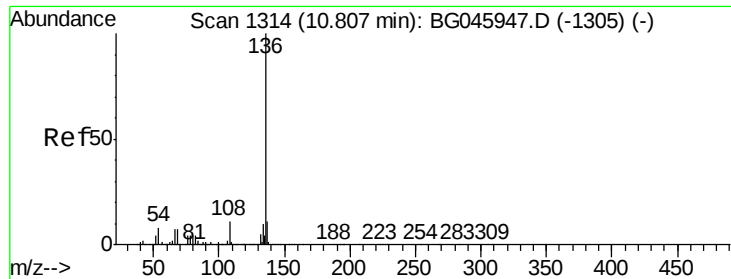
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#20
3+4-Methylphenols
Concen: 40.586 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	68.7	108.7	
77	35.6	14.6	54.6	
79	31.3	10.6	50.6	





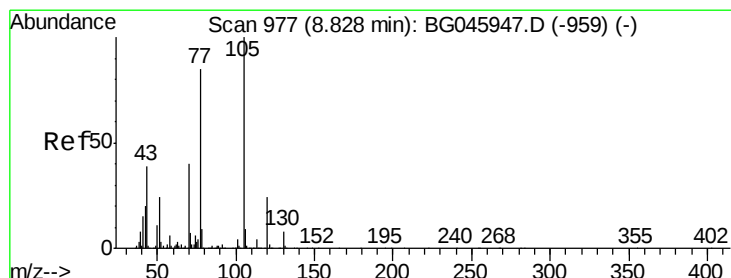
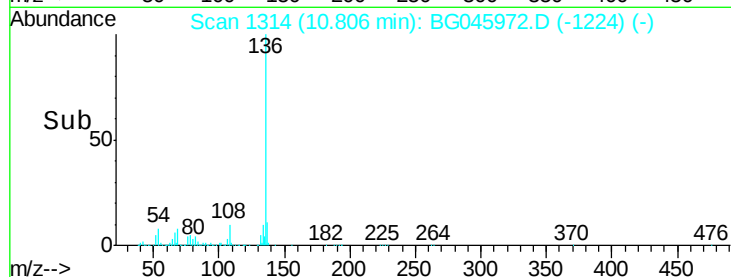
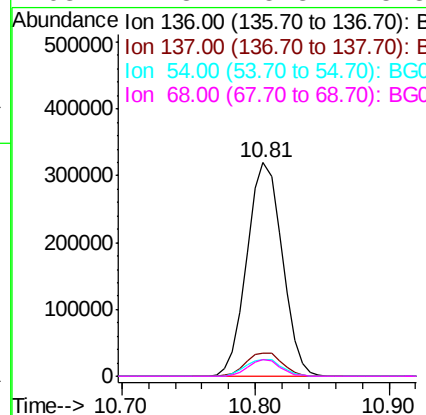
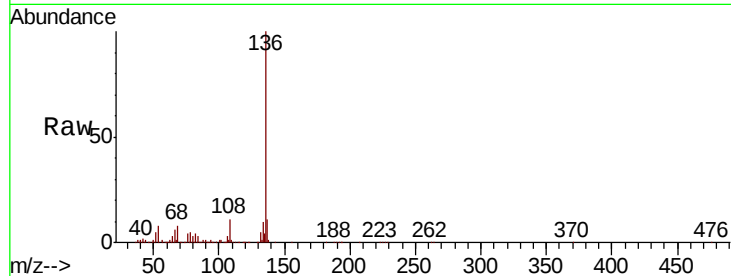
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	583275		
137	10.6		9.2	13.8
54	8.0		6.2	9.4
68	7.8		5.8	8.8

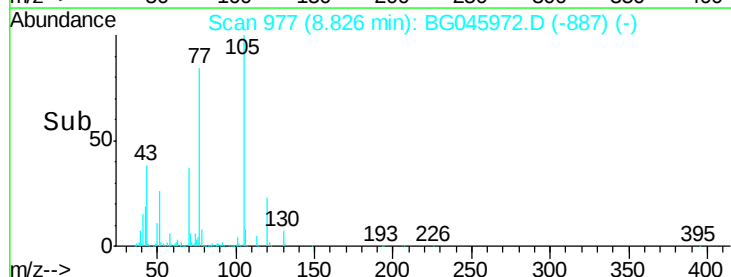
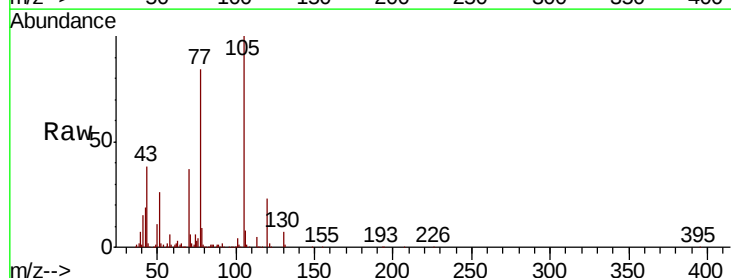
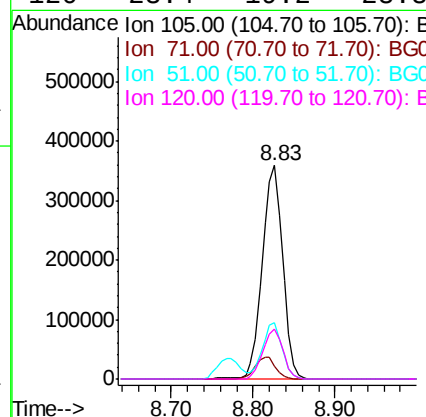
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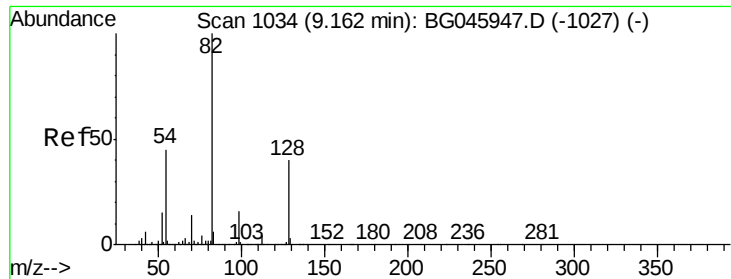
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#22
Acetophenone
Concen: 40.202 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	626437		
71	6.1		6.2	9.2#
51	26.3		19.7	29.5
120	23.4		19.2	28.8





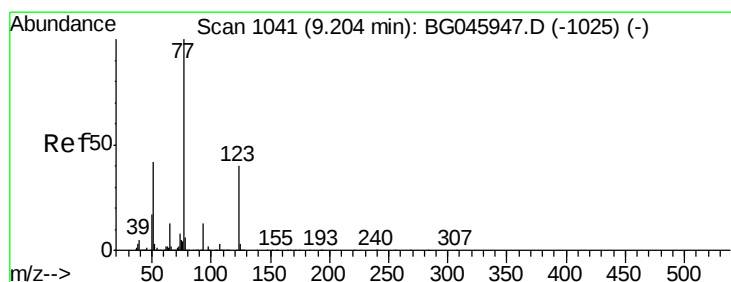
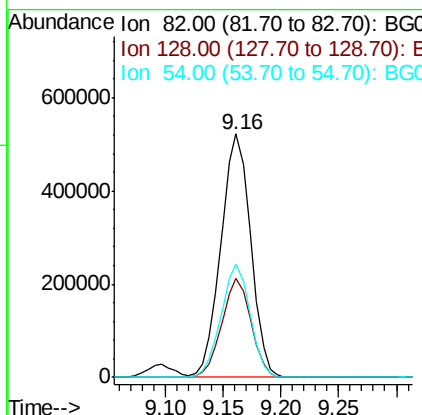
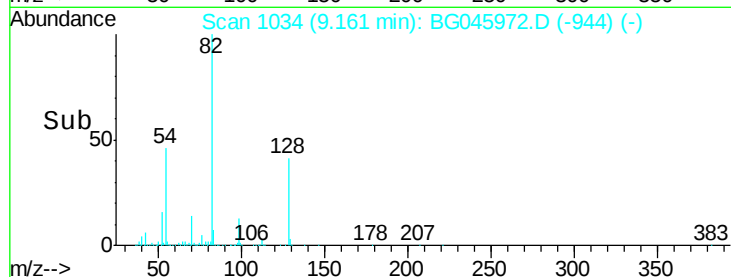
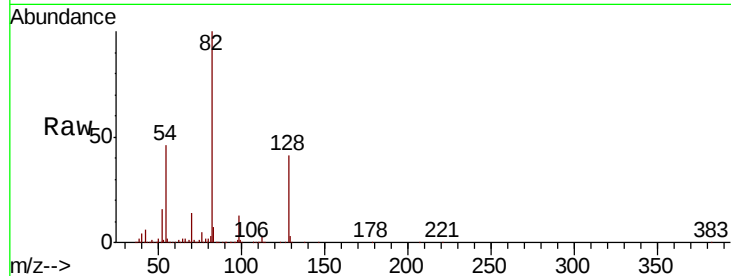
#23
 Nitrobenzene-d5
 Concen: 91.857 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	930851
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.2	48.4
54	46.4	35.8	53.6

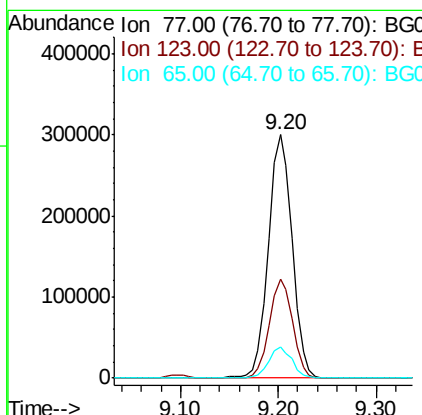
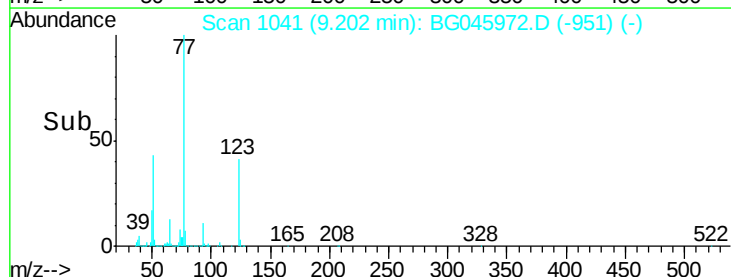
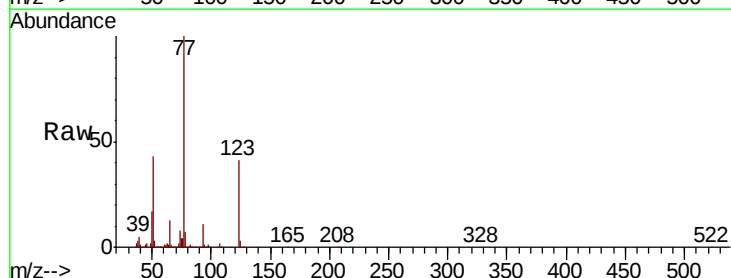
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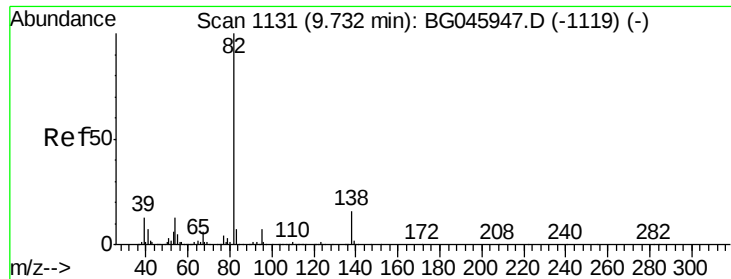
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#24
 Nitrobenzene
 Concen: 45.889 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	77	Resp	513263
Ion	Ratio	Lower	Upper
77	100		
123	40.6	32.7	49.1
65	12.6	10.2	15.4





#25

Isophorone

Concen: 40.755 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1008215

Ion Ratio Lower Upper

82 100

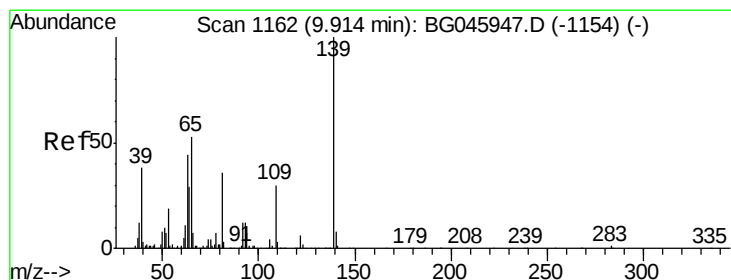
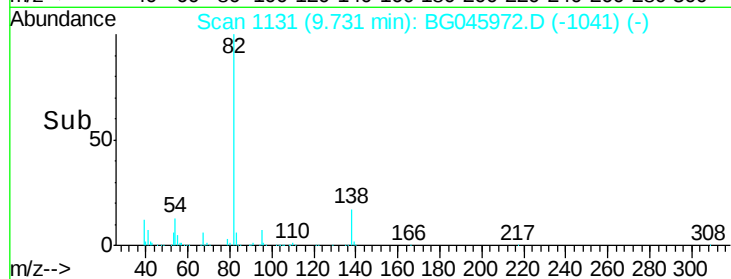
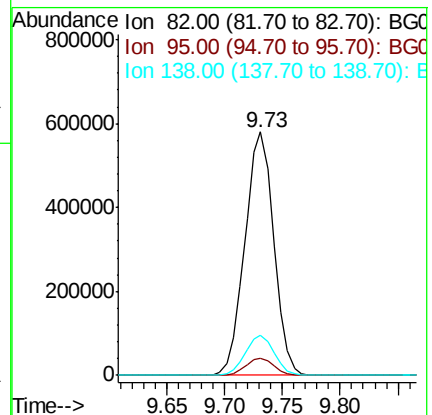
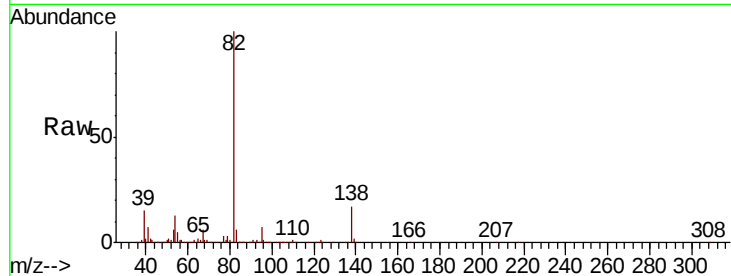
95 7.1 5.8 8.6

138 16.7 12.9 19.3

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#26

2-Nitrophenol

Concen: 50.552 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

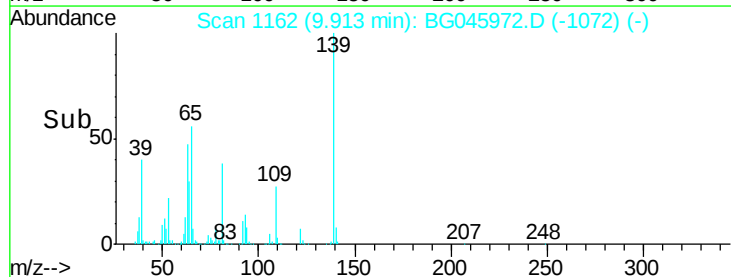
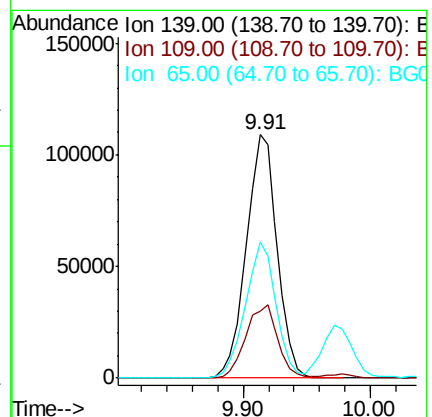
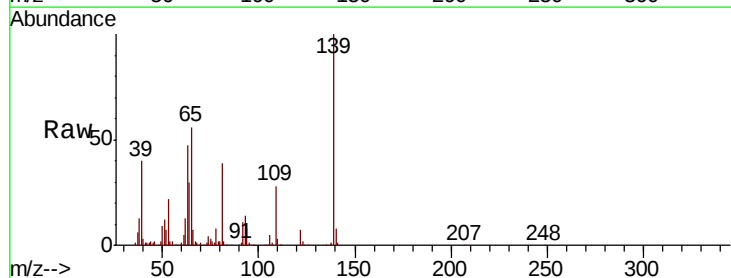
Tgt Ion: 139 Resp: 184297

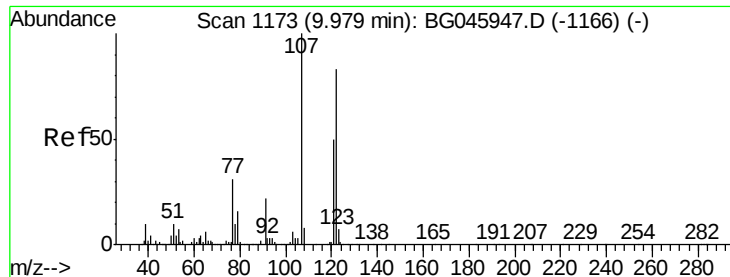
Ion Ratio Lower Upper

139 100

109 27.6 24.6 37.0

65 55.6 42.6 64.0





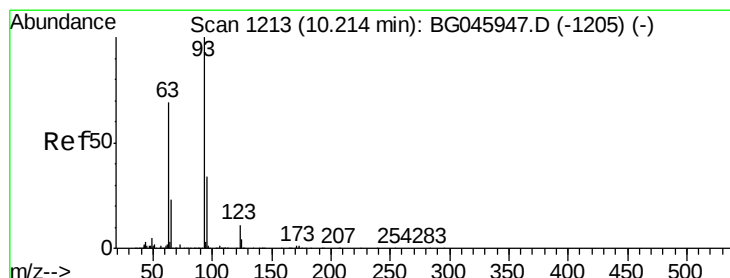
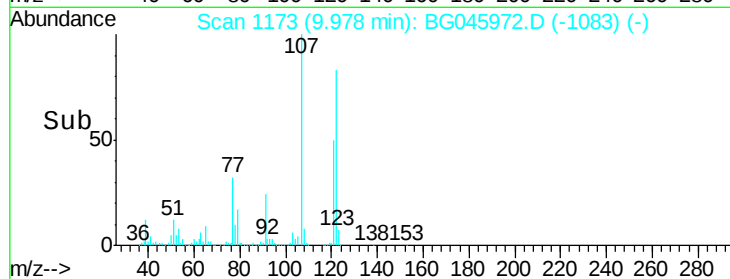
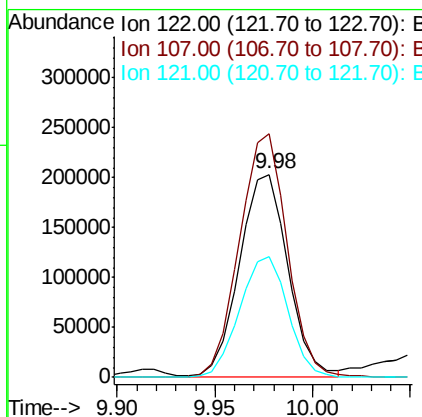
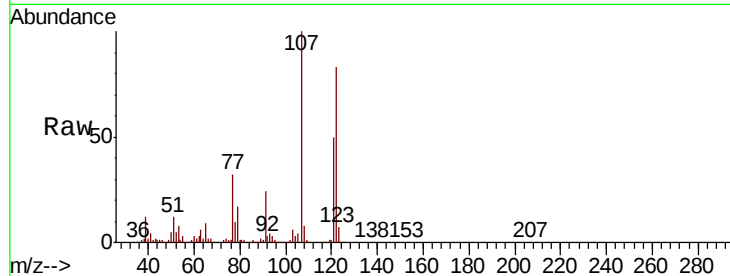
#27
 2,4-Dimethylphenol
 Concen: 39.889 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	351244		
107	119.9	95.6	143.4	
121	59.6	47.7	71.5	

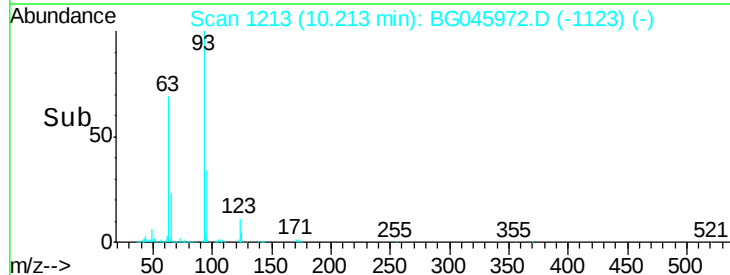
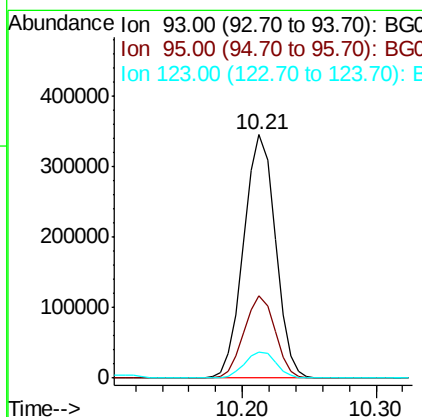
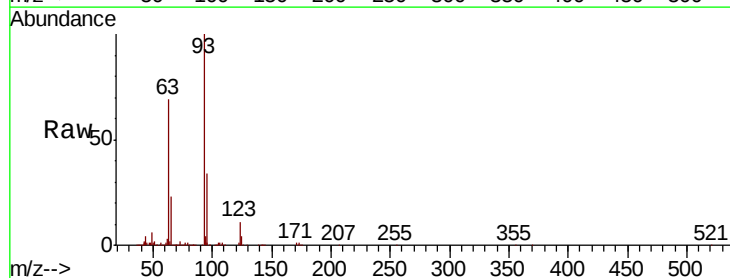
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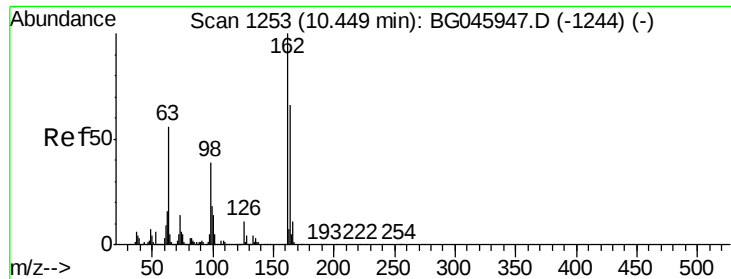
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.921 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	568462		
95	34.0	27.5	41.3	
123	10.7	9.2	13.8	





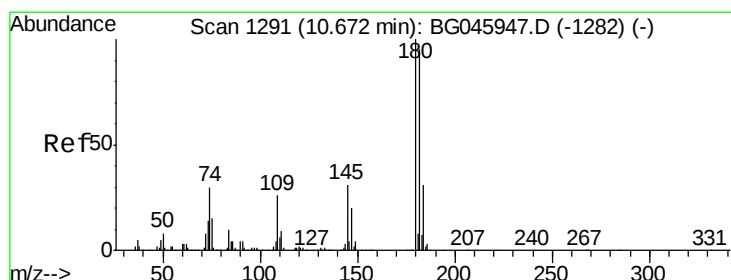
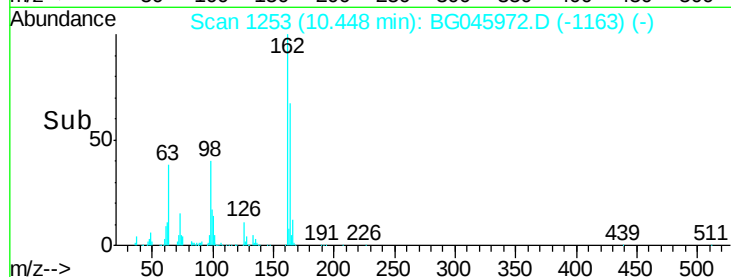
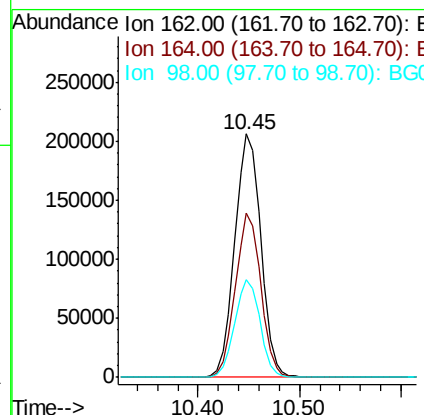
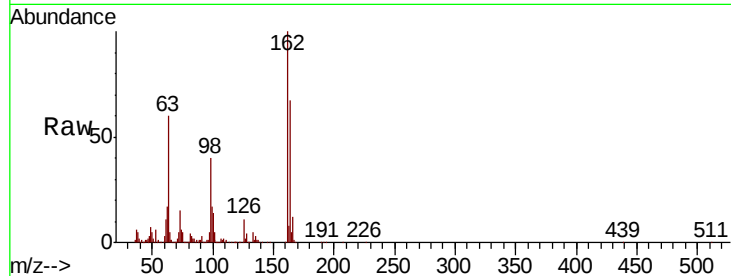
#29
 2,4-Dichlorophenol
 Concen: 40.379 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	46.0	86.0
98	40.3	19.2	59.2

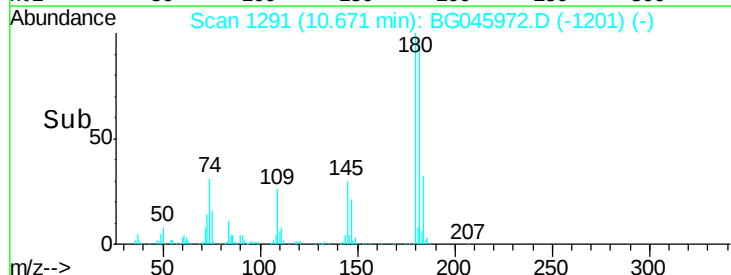
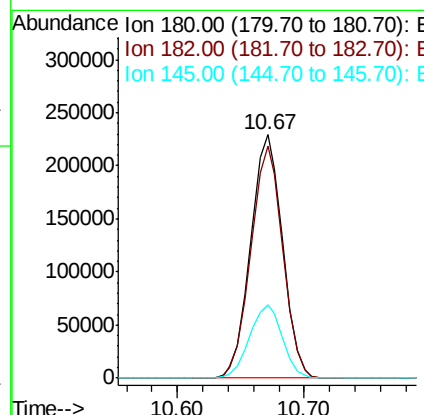
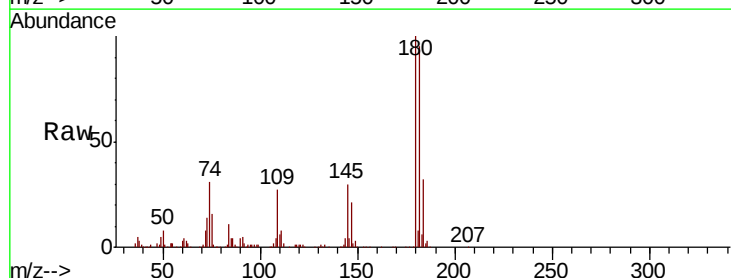
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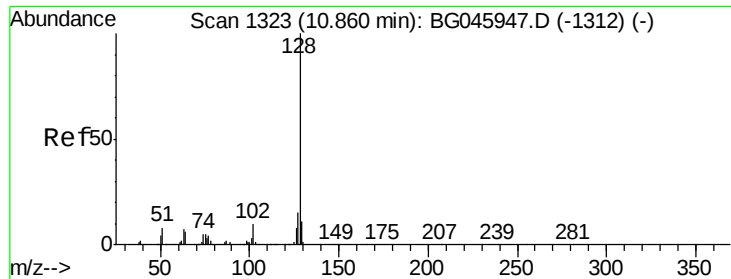
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.710 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.3	114.5
145	30.1	24.8	37.2





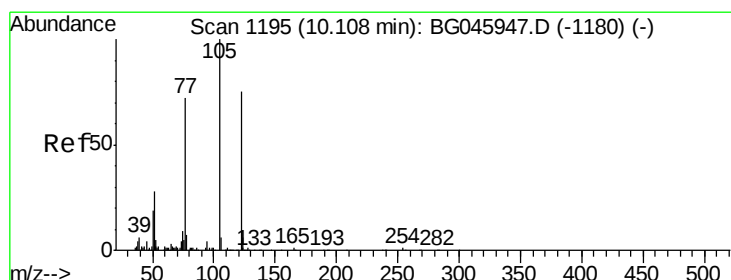
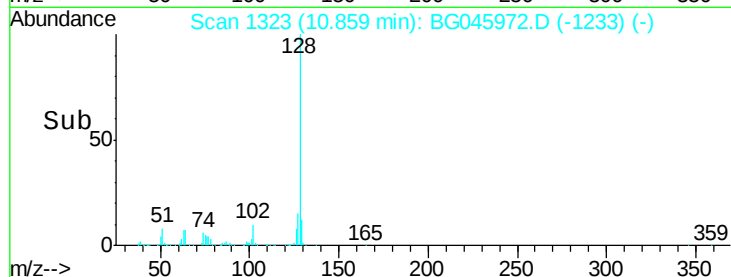
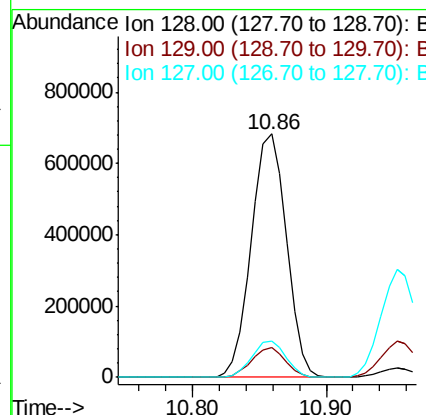
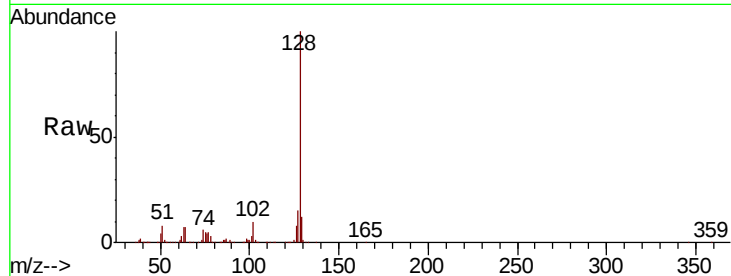
#31
Naphthalene
Concen: 39.662 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

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

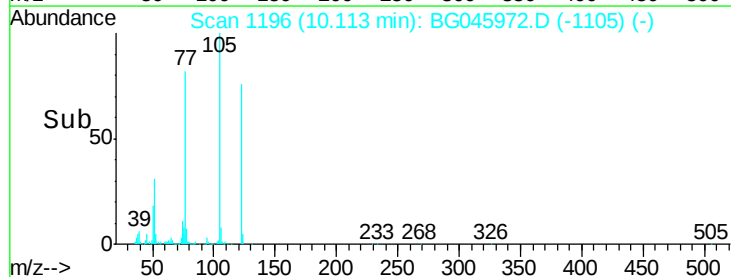
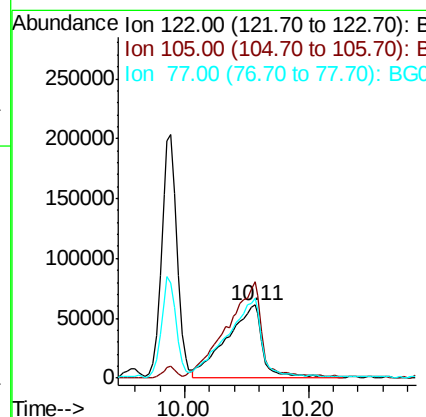
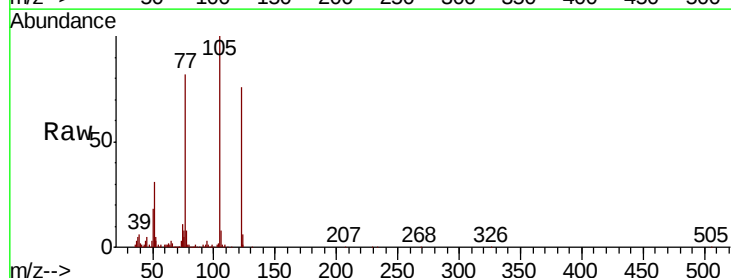
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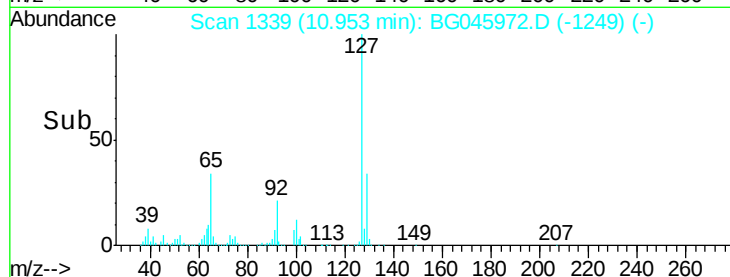
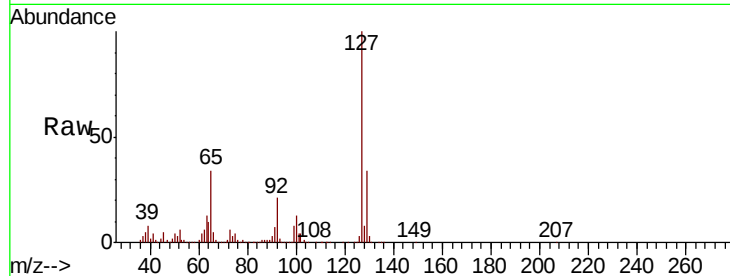
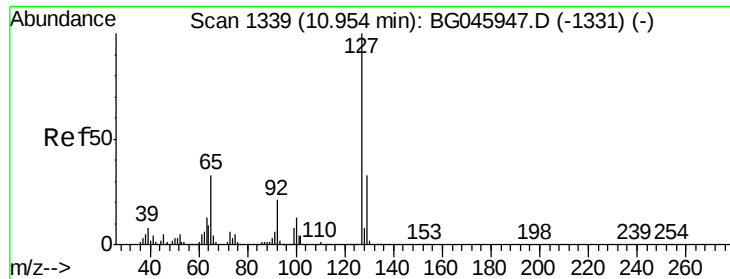
mohammad
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#32
Benzoic acid
Concen: 45.622 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	110.8	150.8
77	108.2	76.4	116.4





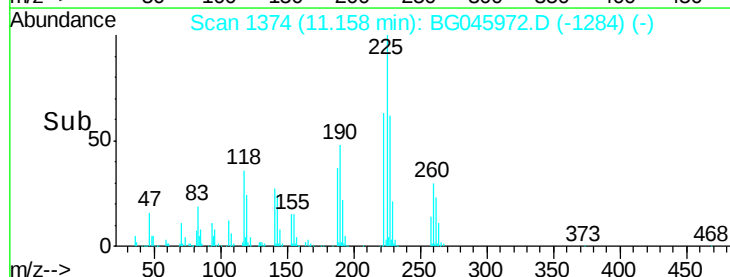
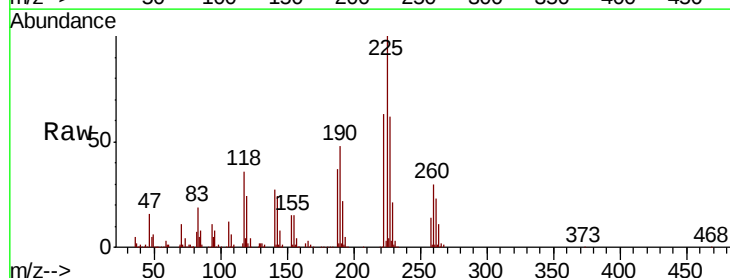
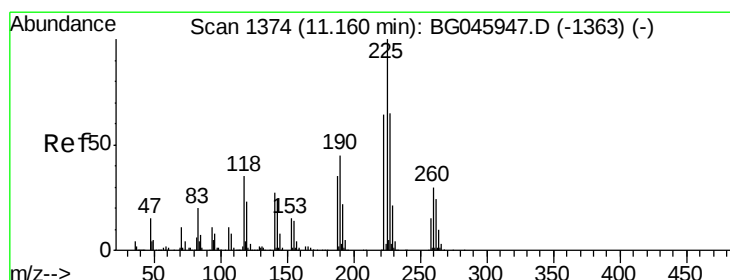
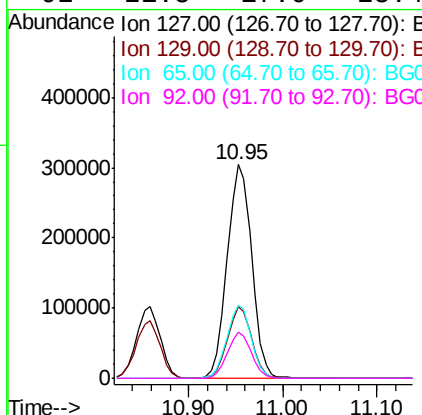
#33
4-Chloroaniline
Concen: 39.371 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.6	39.8		
65	34.3	26.8	40.2		
92	21.5	17.0	25.4		

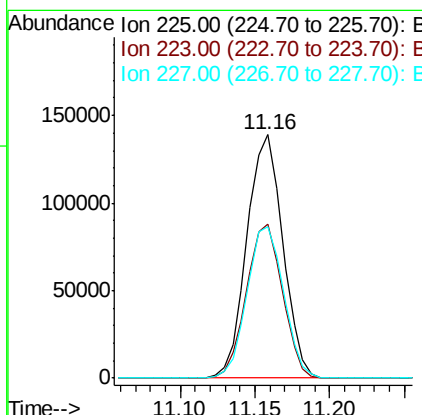
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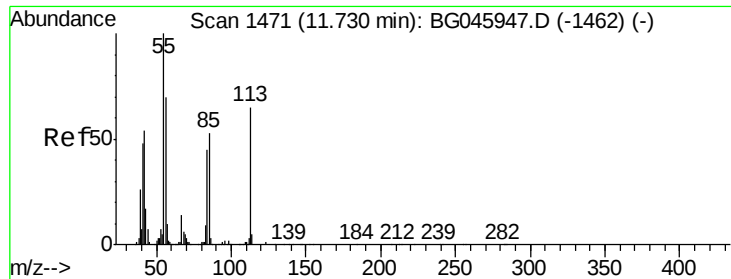
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#34
Hexachlorobutadiene
Concen: 39.189 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.2	76.8		
227	62.1	52.3	78.5		





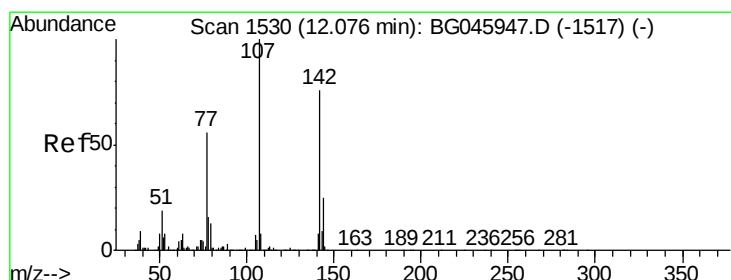
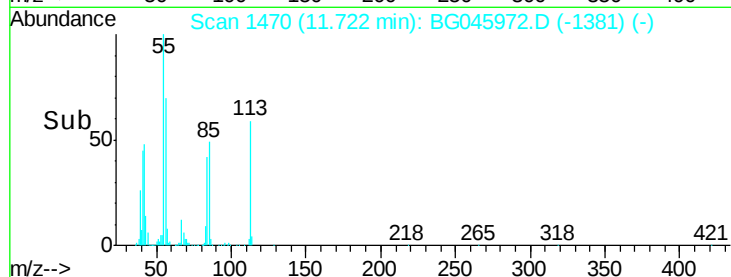
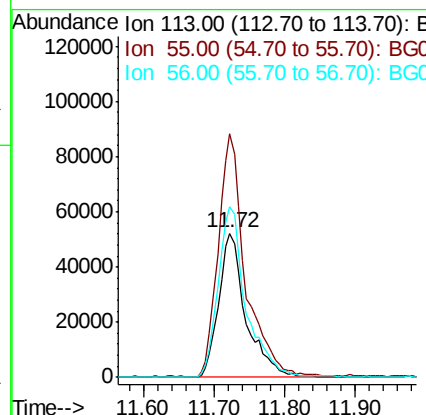
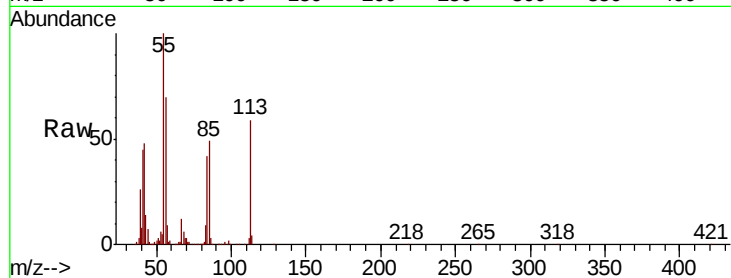
#35
 Caprolactam
 Concen: 40.670 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.1	141.6	181.6
56	118.3	89.6	129.6

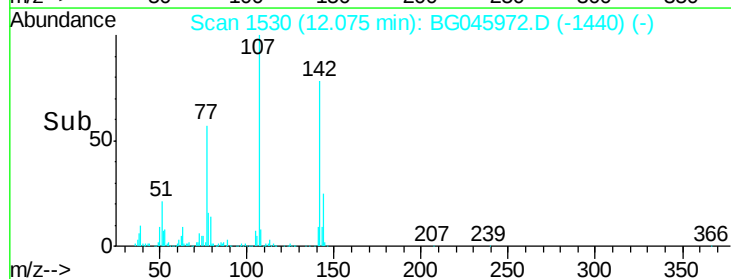
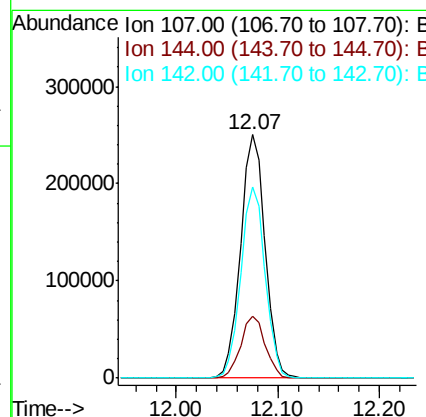
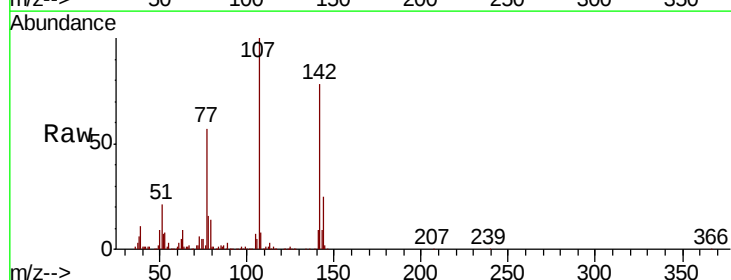
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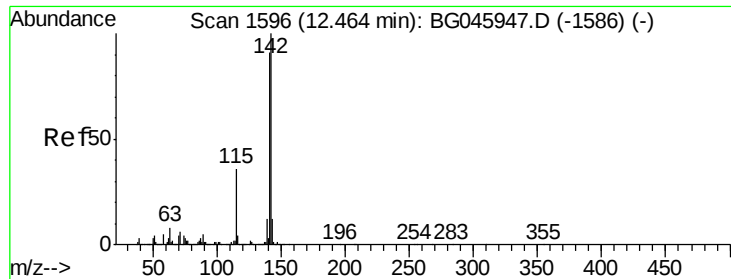
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.494 ng
 RT: 12.07 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.0	30.0
142	78.3	61.1	91.7





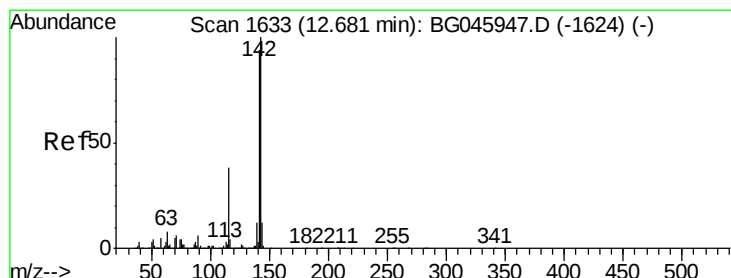
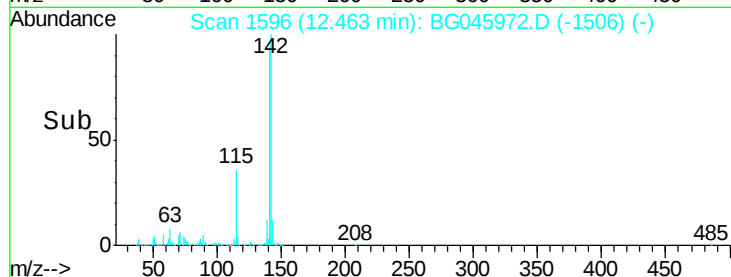
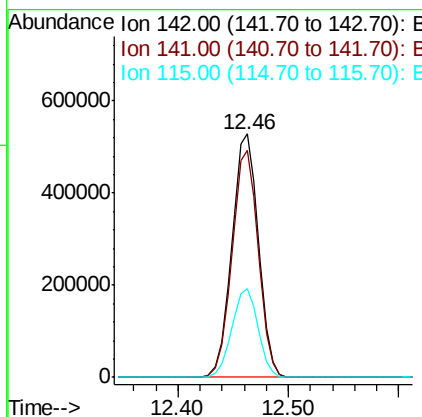
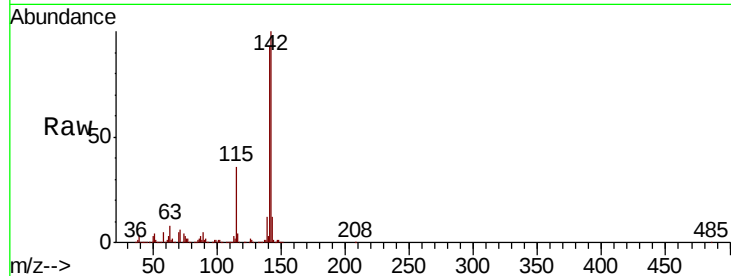
#37
2-Methylnaphthalene
Concen: 39.951 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.0	109.6
115	36.4	28.8	43.2

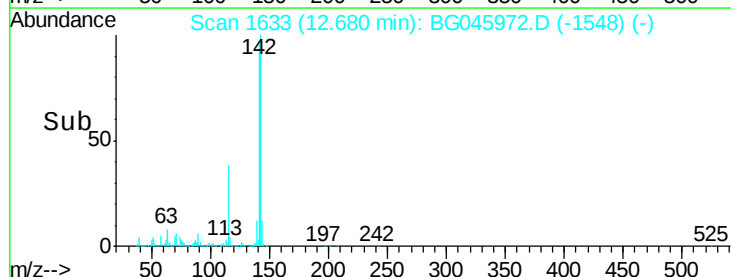
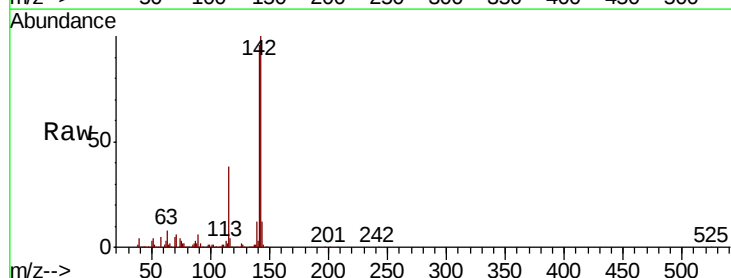
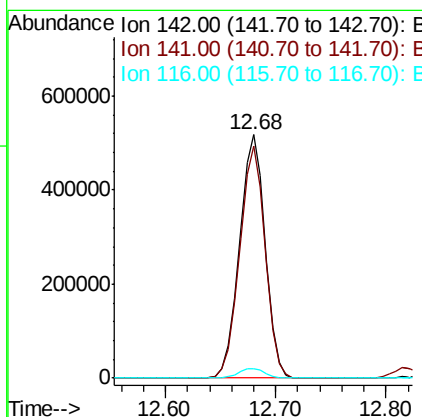
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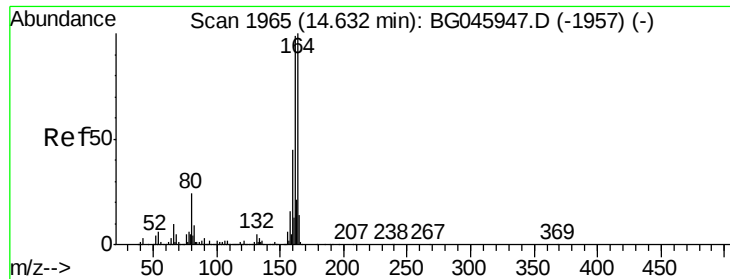
mohammad
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#38
1-Methylnaphthalene
Concen: 40.065 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

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# 1965

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

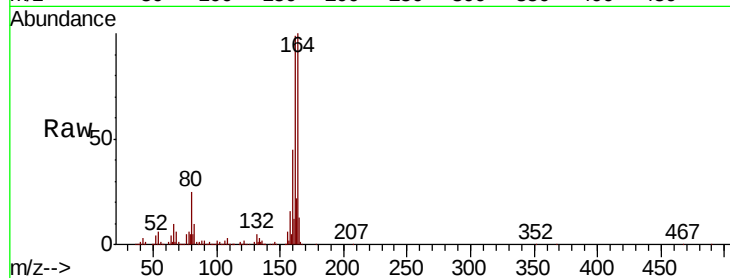
ClientSampleId :

SSTDCCC040EC

Tot Ion:	164	Resp:	346409
Ion Ratio	Lower	Upper	
164	100		
162	98.8	79.3	118.9
160	44.6	35.7	53.5

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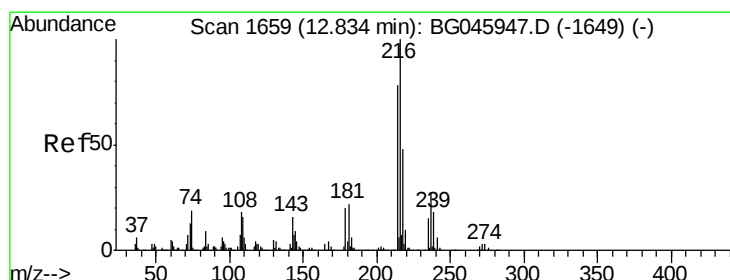
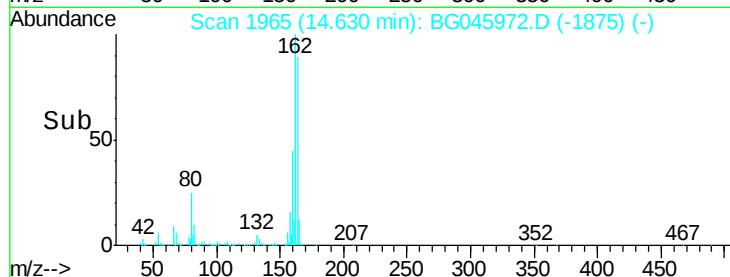
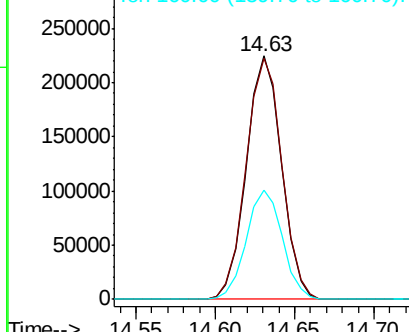


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.295 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	216	Resp:	393478
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.0	94.4
179	21.4	17.0	25.6
108	22.6	17.3	25.9

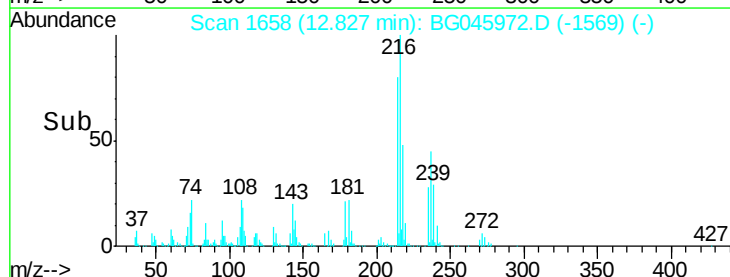
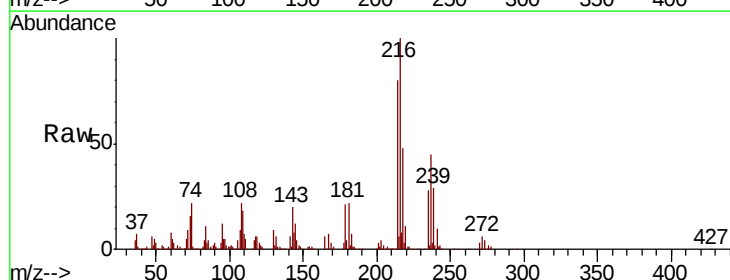
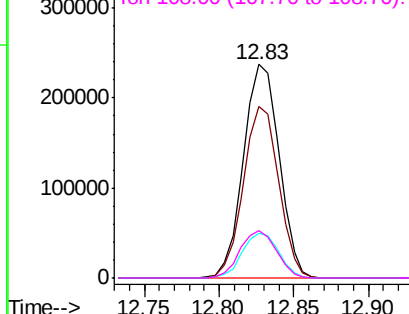
Abundance

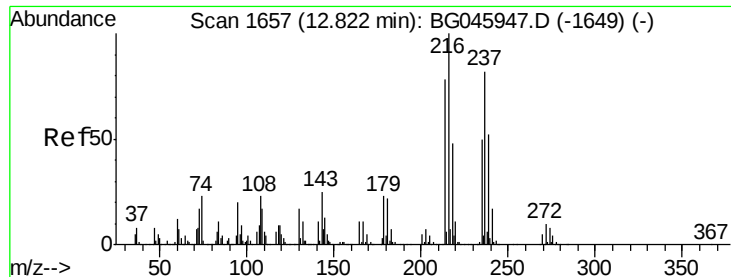
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.683 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

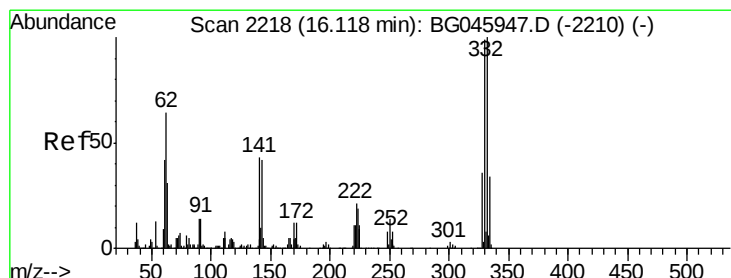
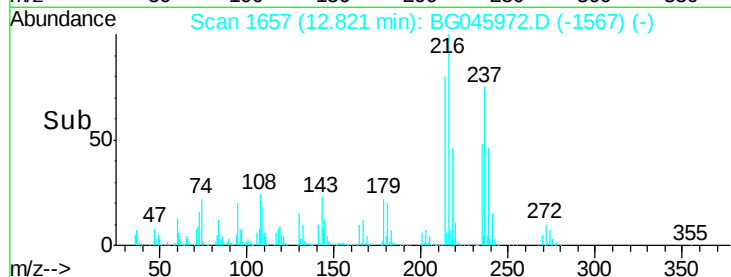
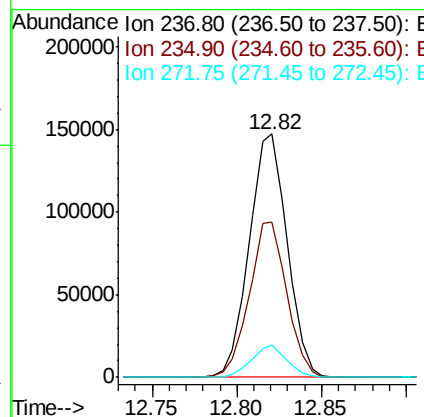
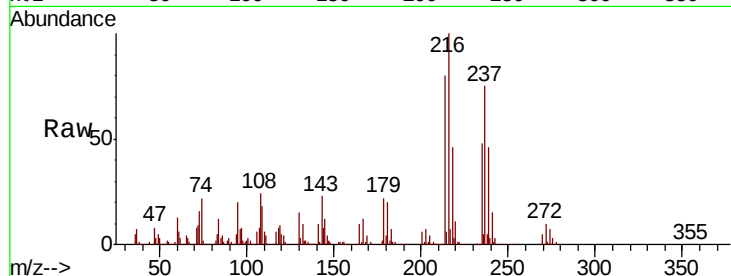
ClientSampleId :

SSTDCCC040EC

Tot Ion:	237	Resp:	229930
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.5	81.5
272	13.1	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 84.566 ng

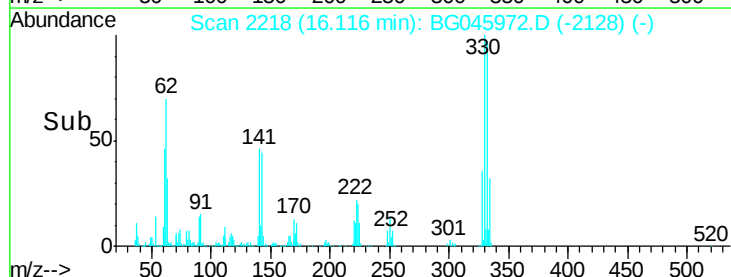
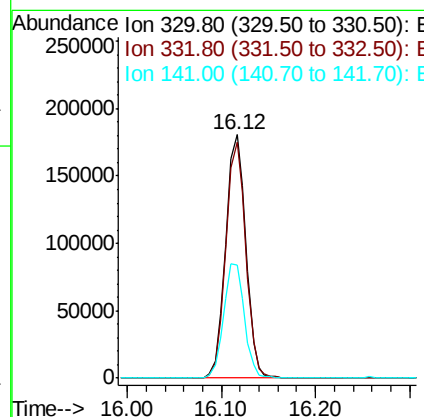
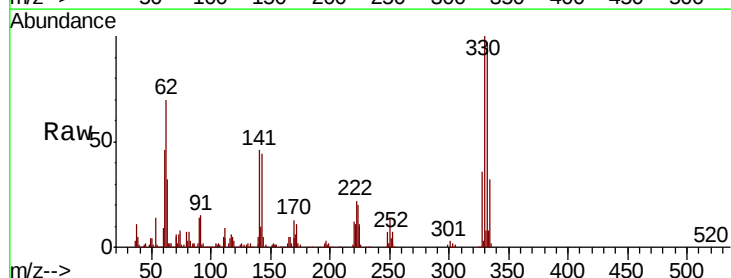
RT: 16.12 min Scan# 2218

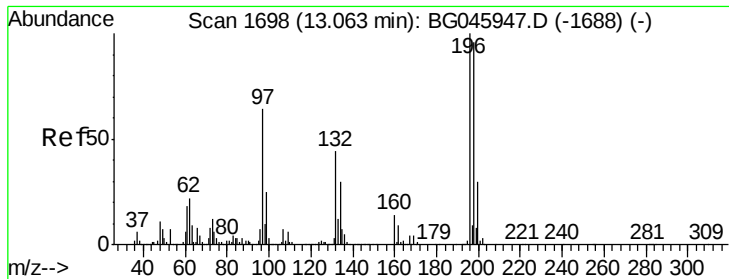
Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	330	Resp:	271882
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.3	117.5
141	48.3	36.6	54.8





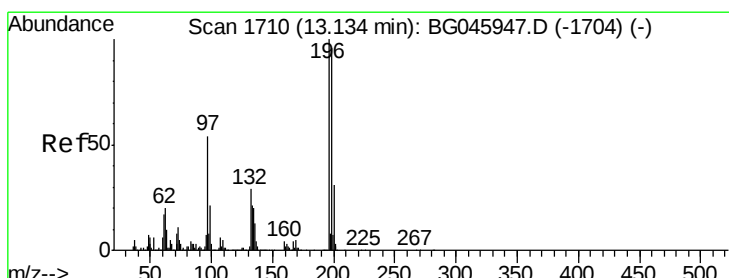
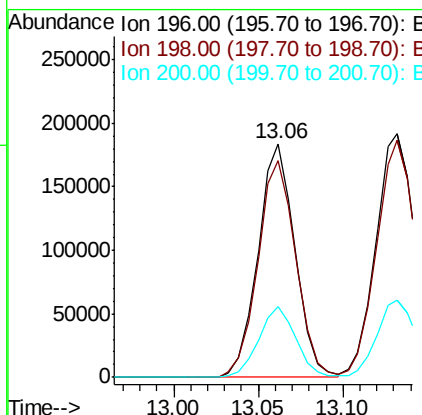
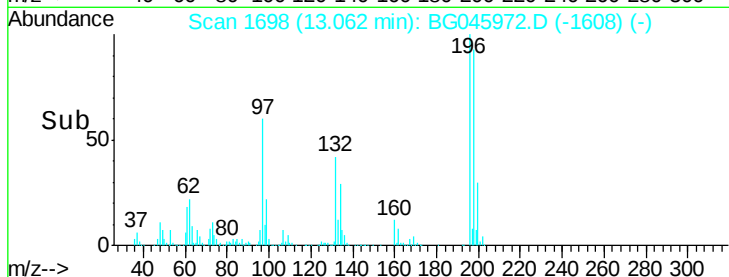
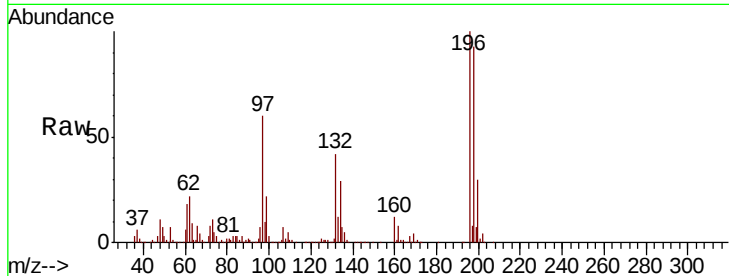
#43
 2,4,6-Trichlorophenol
 Concen: 42.160 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	76.7	115.1
200	30.4	24.3	36.5

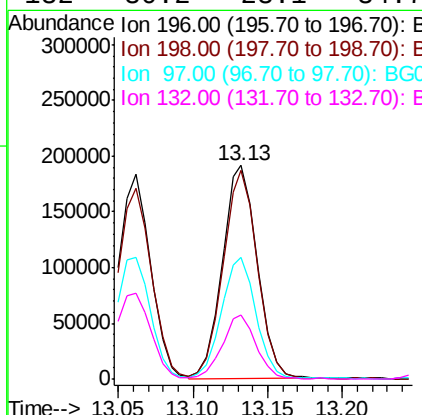
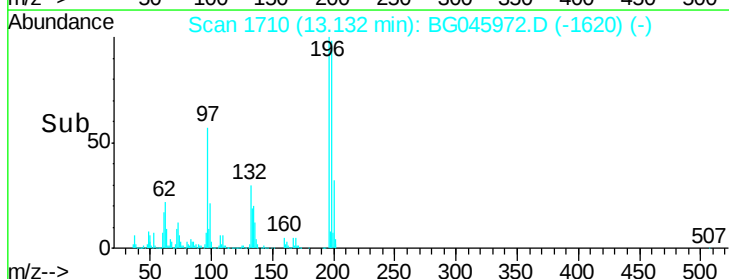
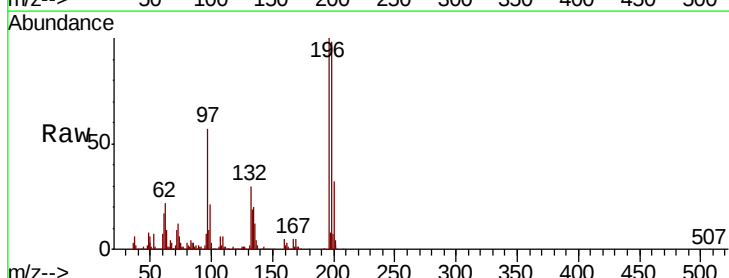
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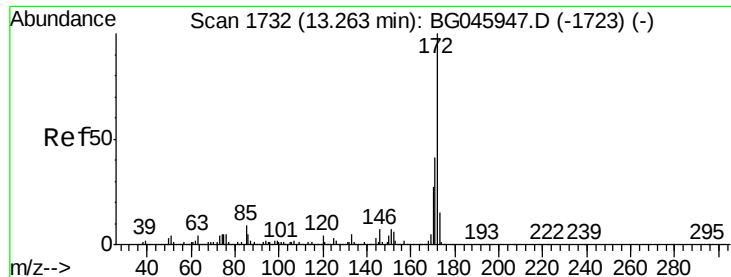
mohammad
 7/9/2020 10:55:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.827 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.0	115.6
97	57.1	44.3	66.5
132	30.2	23.1	34.7





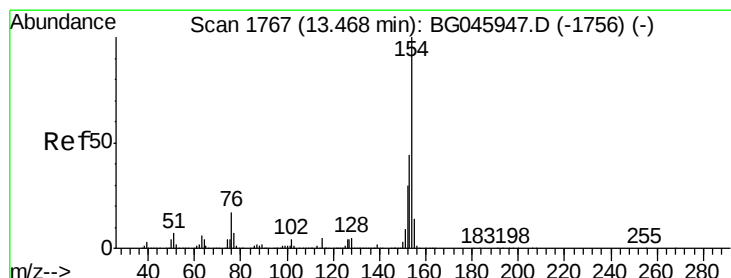
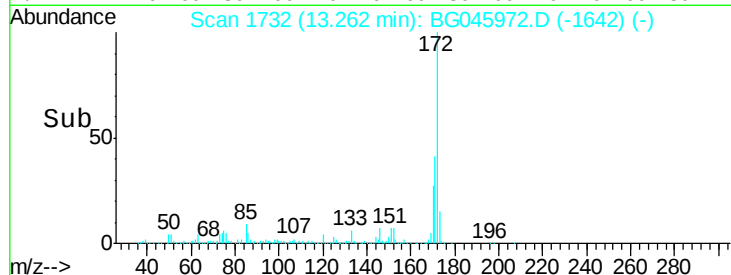
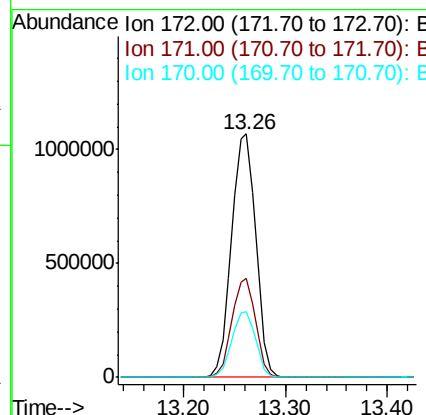
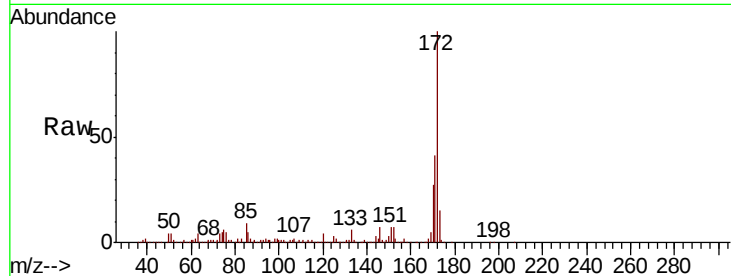
#45
2-Fluorobiphenyl
Concen: 79.800 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	32.9	49.3
170	27.1	21.8	32.6

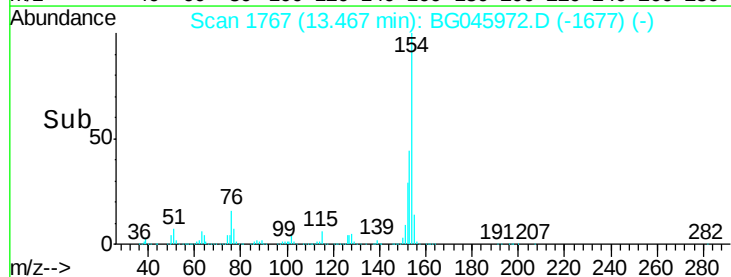
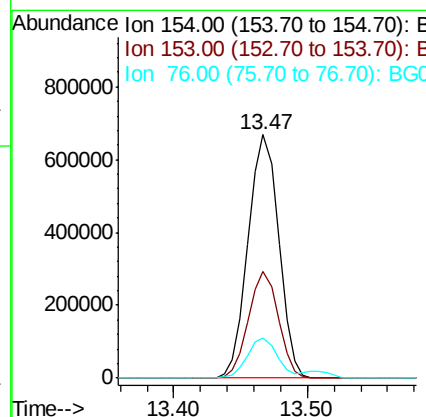
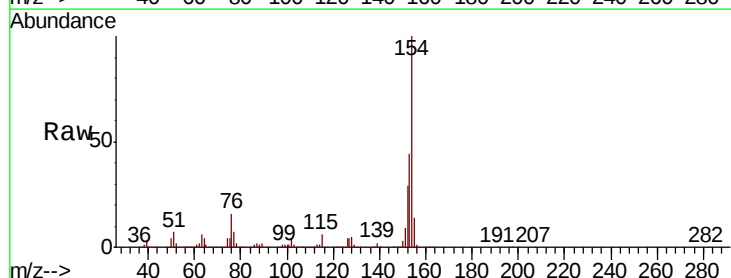
Manual Integrations
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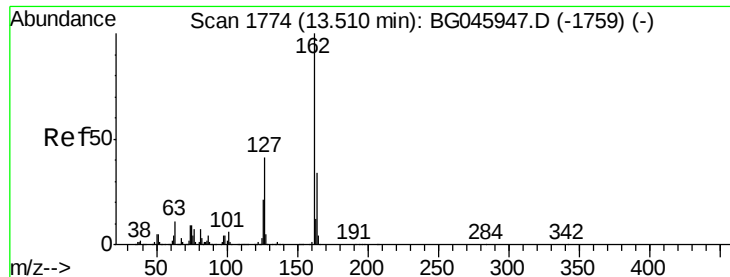
mohammad
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#46
1,1'-Biphenyl
Concen: 40.558 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.6	63.6
76	16.2	0.0	36.9





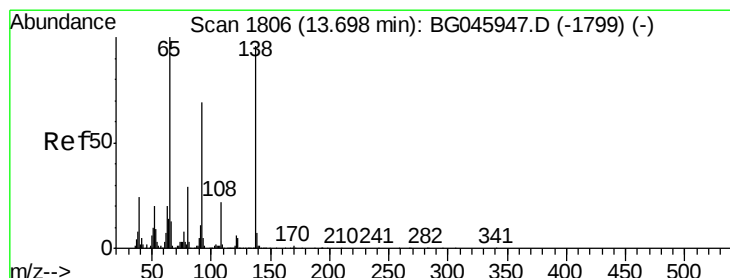
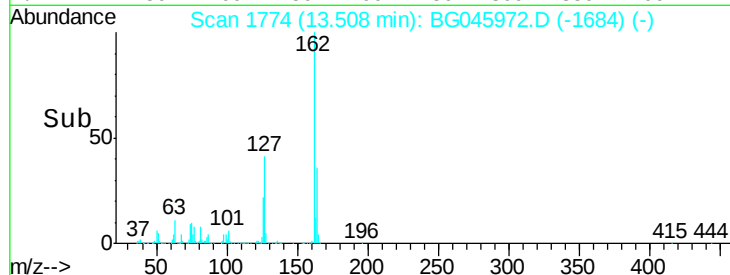
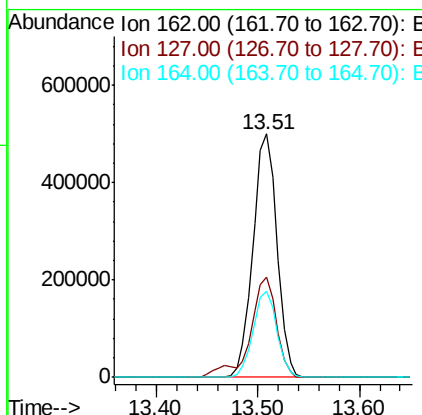
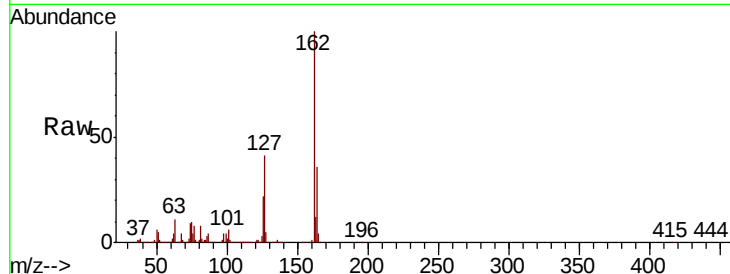
#47
 2-Chloronaphthalene
 Concen: 39.942 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.5	48.7
164	35.6	27.2	40.8

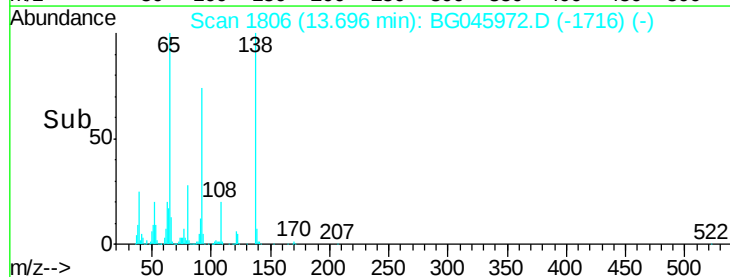
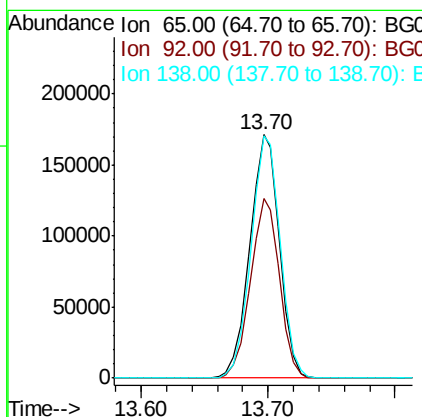
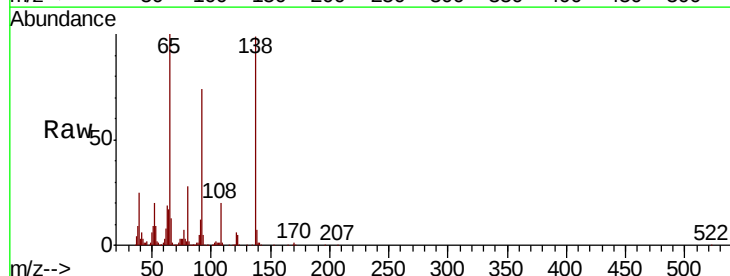
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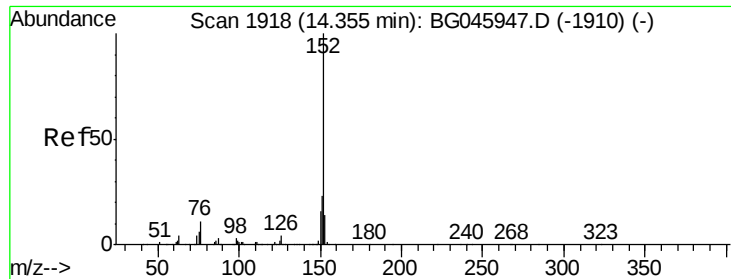
mohammad
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#48
 2-Nitroaniline
 Concen: 48.138 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	55.4	83.0
138	99.4	77.0	115.4





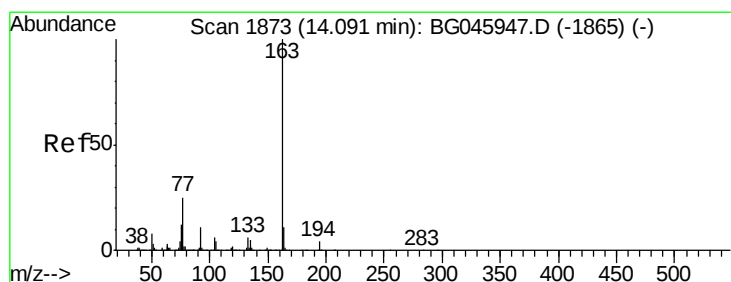
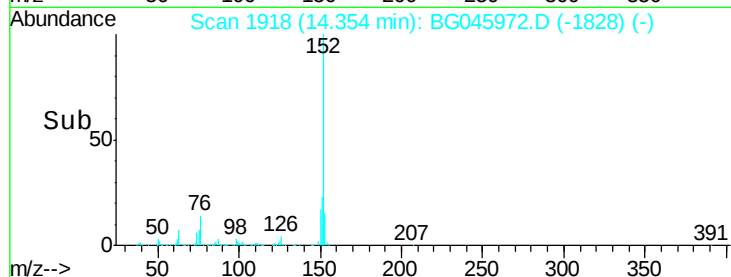
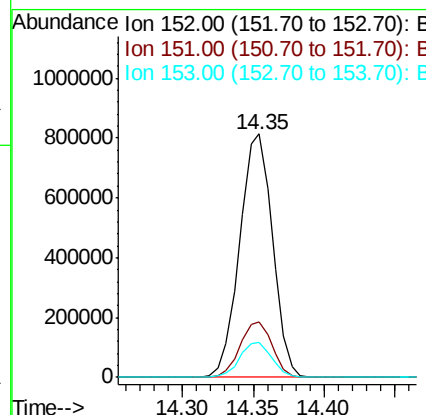
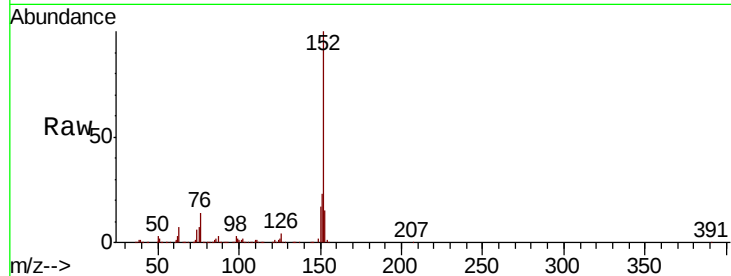
#49
Acenaphthylene
Concen: 39.845 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.1	27.1
153	14.5	11.5	17.3

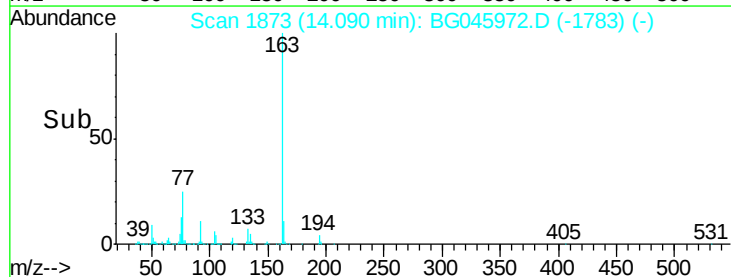
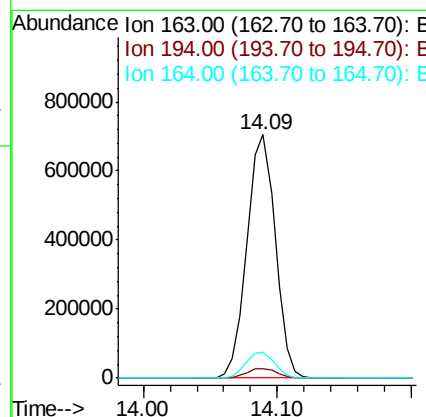
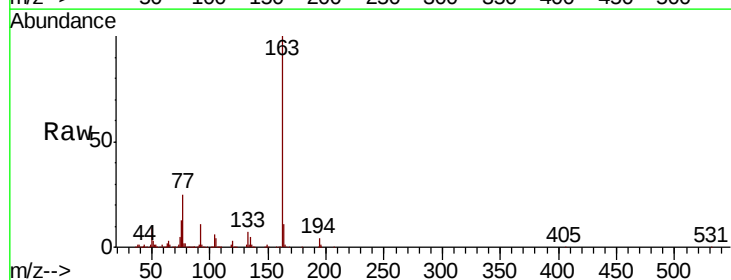
Manual Integrations
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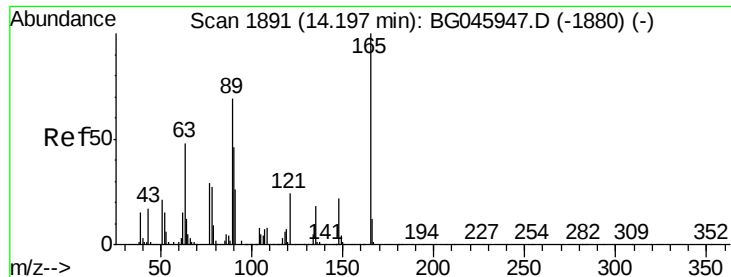
mohammad
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#50
Dimethylphthalate
Concen: 39.581 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.6	8.9	13.3





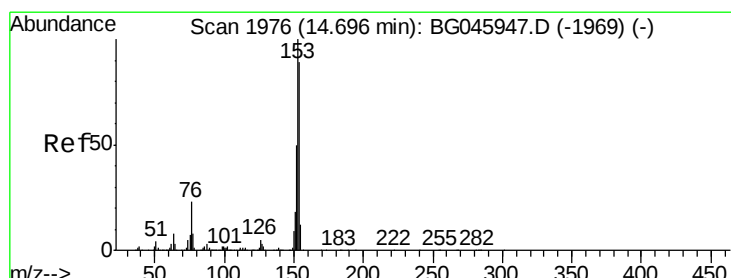
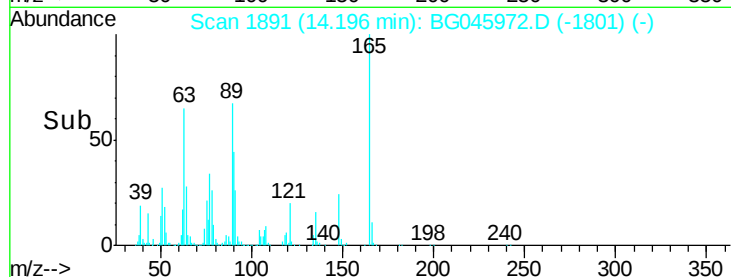
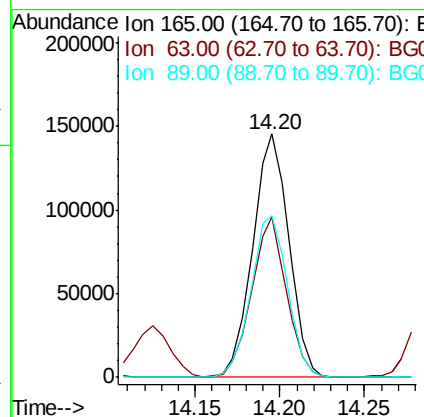
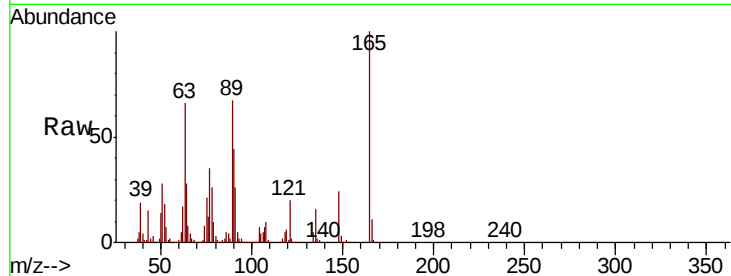
#51
 2,6-Dinitrotoluene
 Concen: 46.552 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	215959		
63	66.0	51.0	76.4	
89	66.6	55.7	83.5	

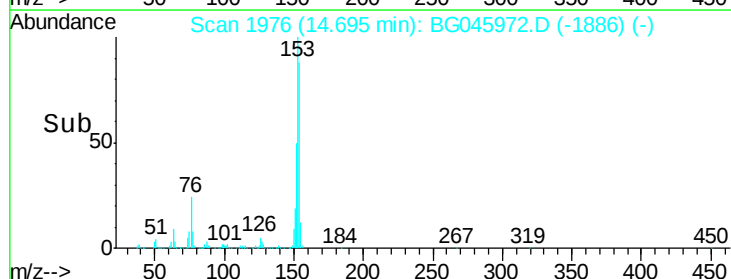
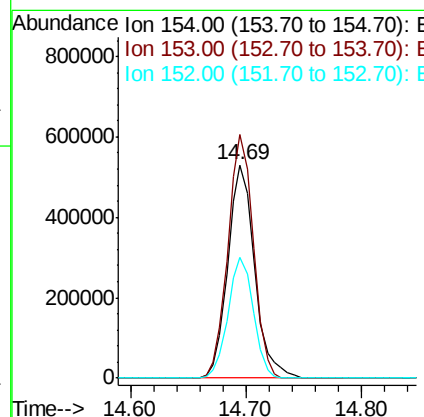
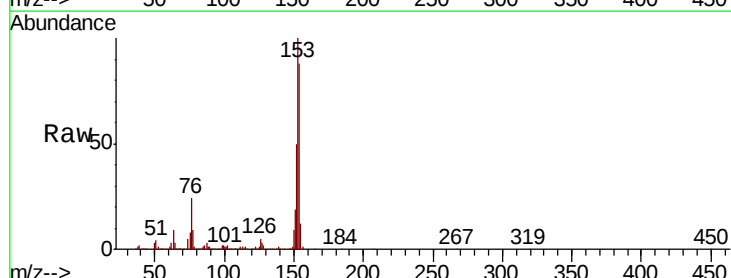
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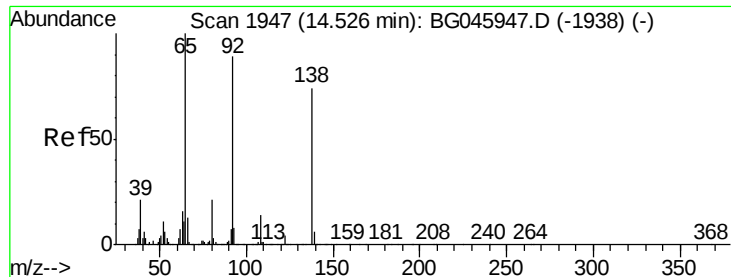
mohammad
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#52
 Acenaphthene
 Concen: 40.684 ng
 RT: 14.69 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	851288		
153	114.1	89.7	134.5	
152	56.5	44.7	67.1	





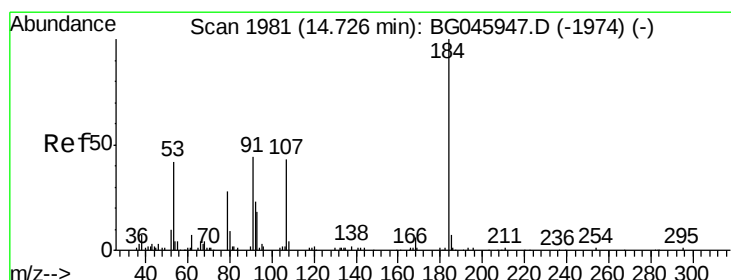
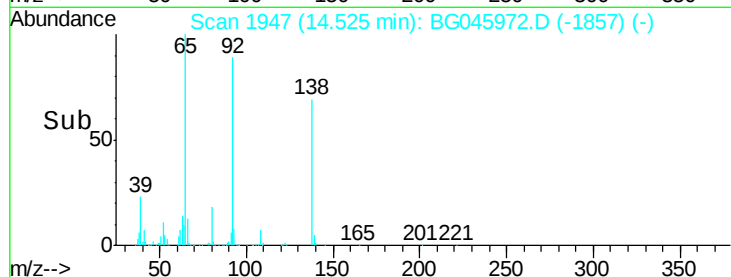
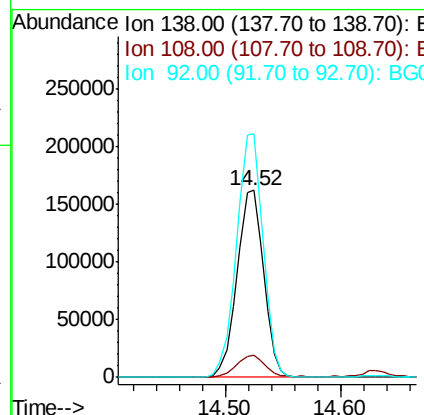
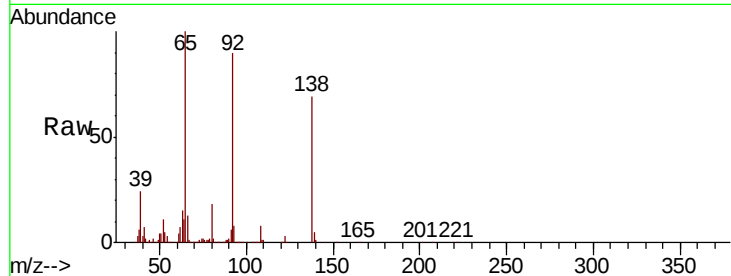
#53
3-Nitroaniline
Concen: 45.635 ng
RT: 14.52 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	15.4	23.2#
92	130.4	95.9	143.9

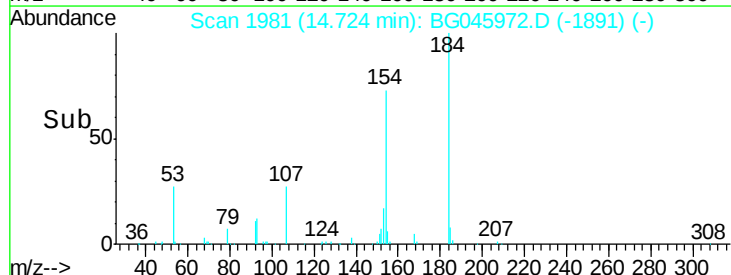
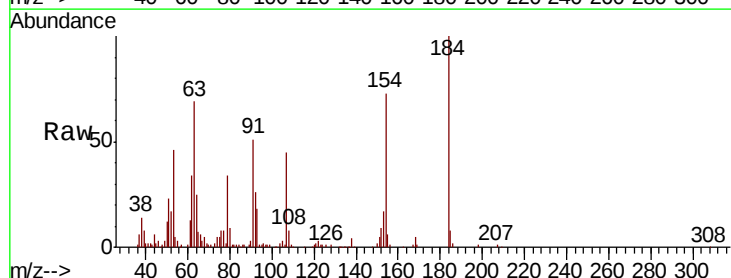
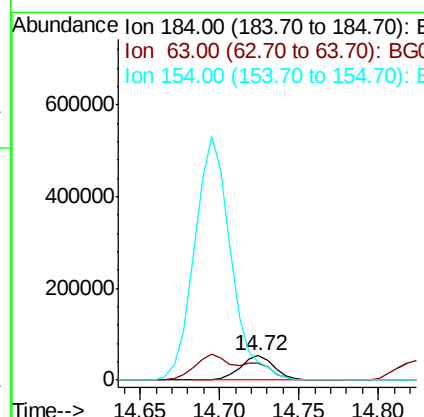
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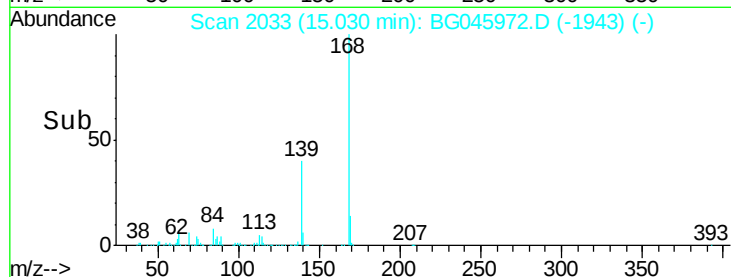
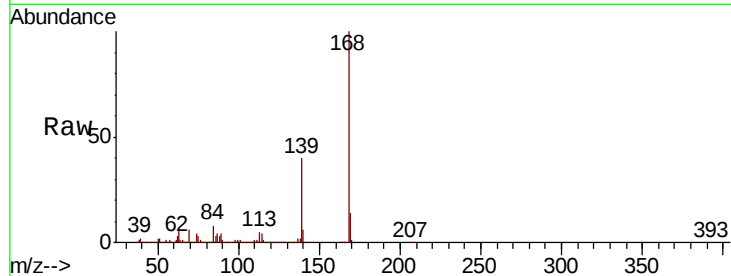
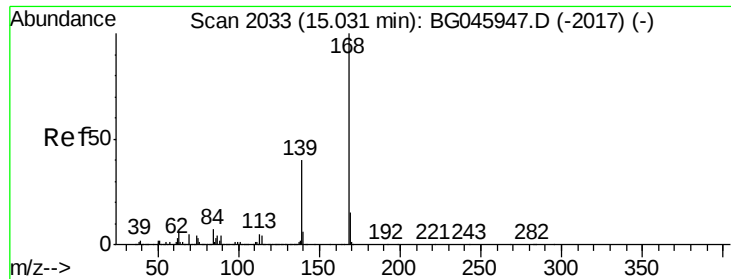
mohammad
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#54
2,4-Dinitrophenol
Concen: 47.798 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.5	46.0	69.0
154	72.5	58.2	87.2





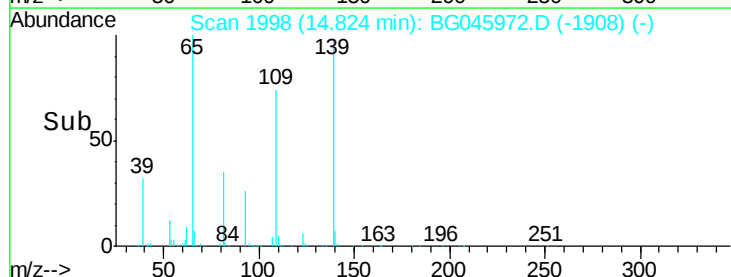
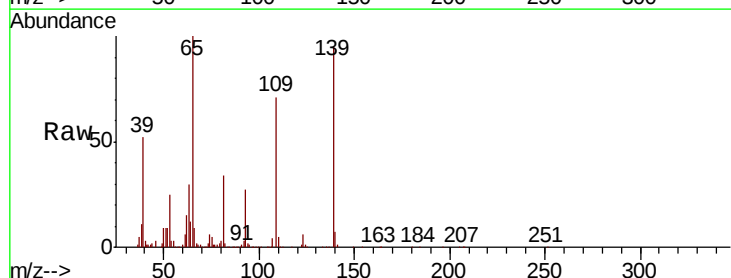
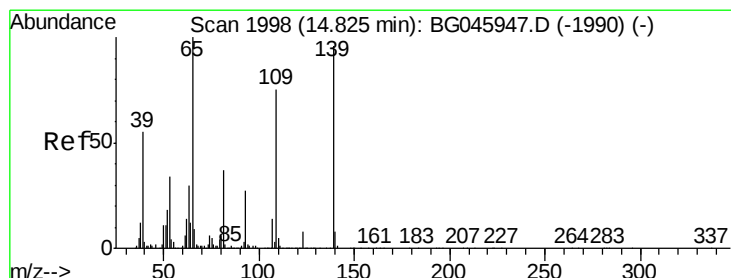
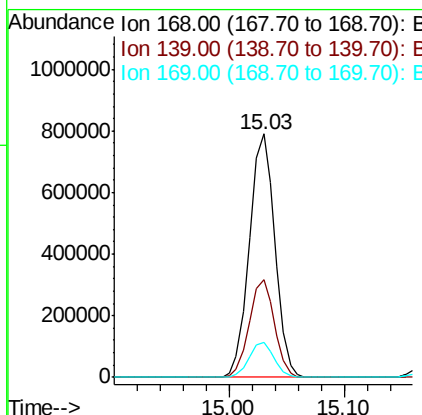
#55
Dibenzofuran
Concen: 39.636 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.2	48.2
169	14.4	11.8	17.8

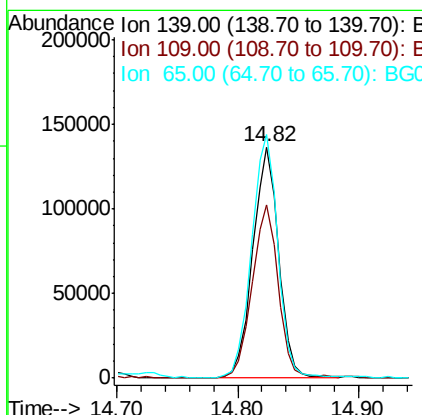
Manual Integrations
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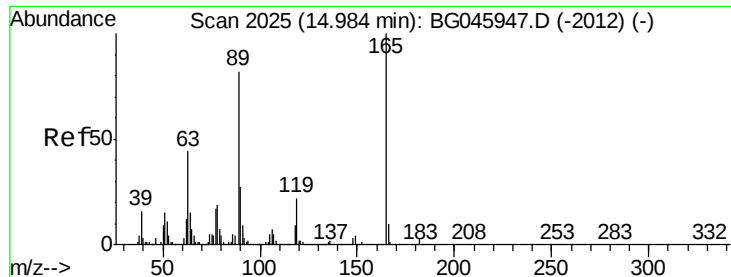
mohammad
7/9/2020 10:55:52 AM



#56
4-Nitrophenol
Concen: 48.270 ng
RT: 14.82 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	58.5	98.5
65	105.3	84.7	124.7





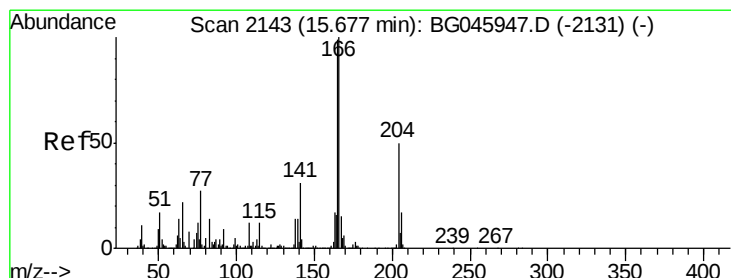
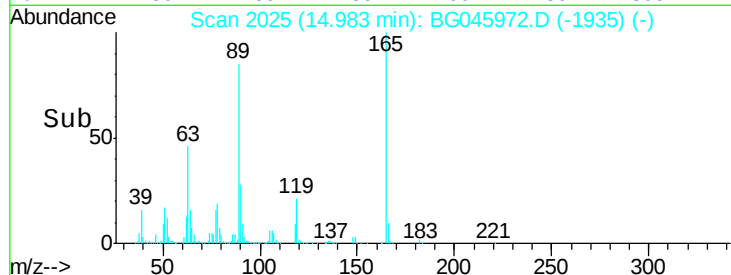
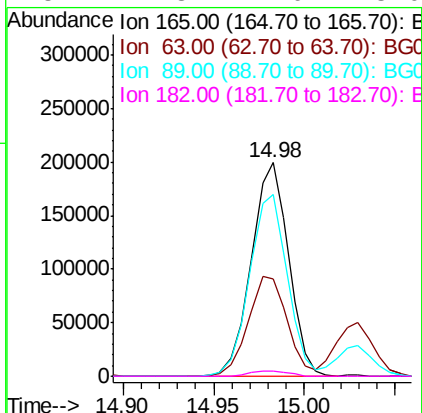
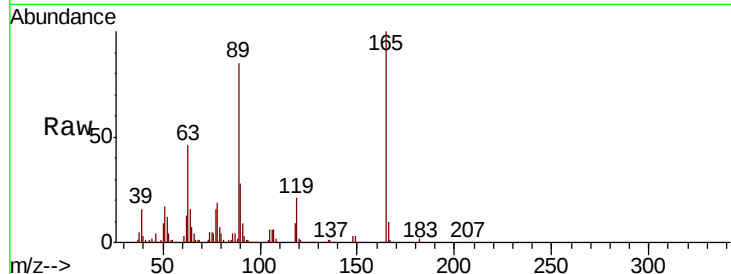
#57
2,4-Dinitrotoluene
Concen: 47.637 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	284066		
63	45.8		35.4	53.0
89	85.1		65.4	98.2
182	2.3		2.0	3.0

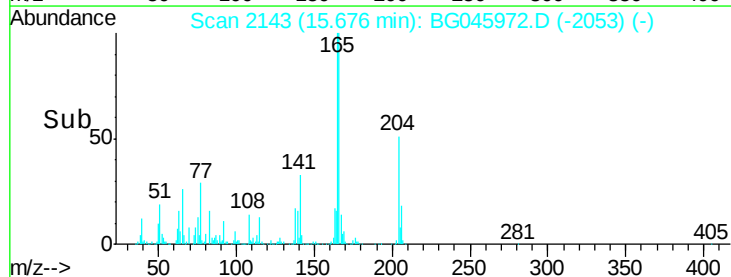
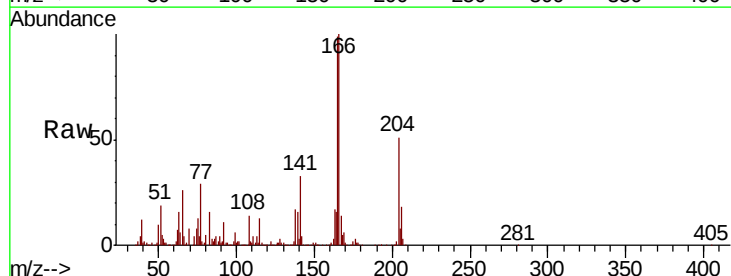
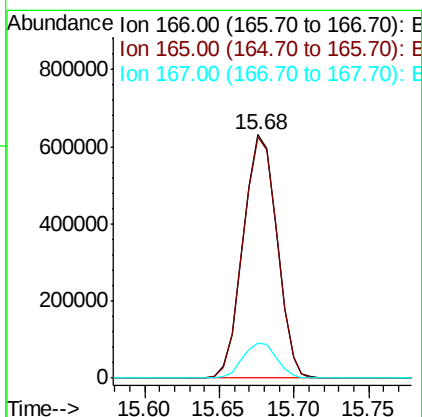
Manual Integrations
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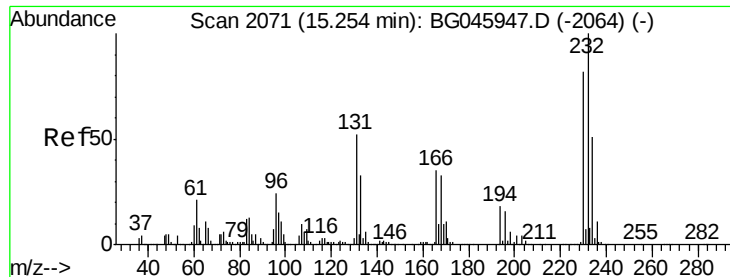
mohammad
7/9/2020 10:55:52 AM



#58
Fluorene
Concen: 39.337 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	989787		
165	99.2		78.9	118.3
167	14.1		12.1	18.1





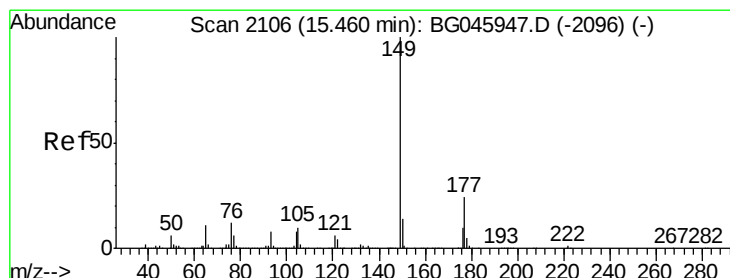
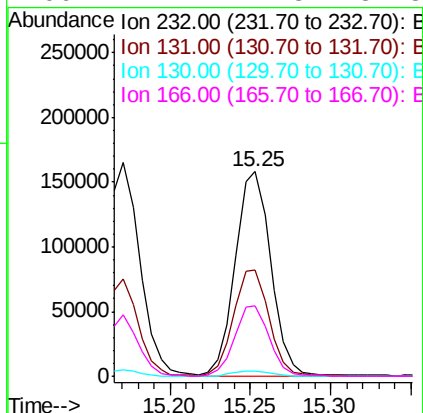
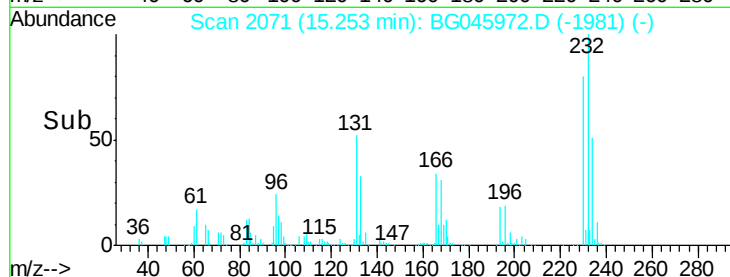
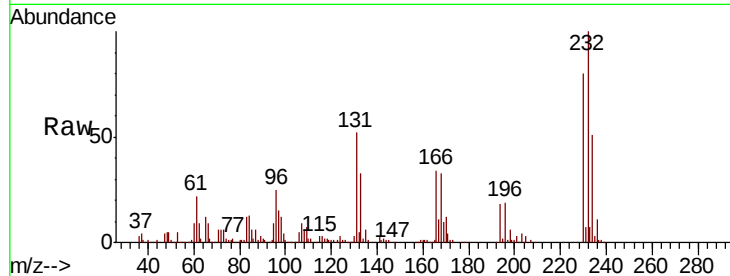
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.460 ng m
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.8	53.6
130	2.8	2.5	3.7
166	27.2	21.8	32.8

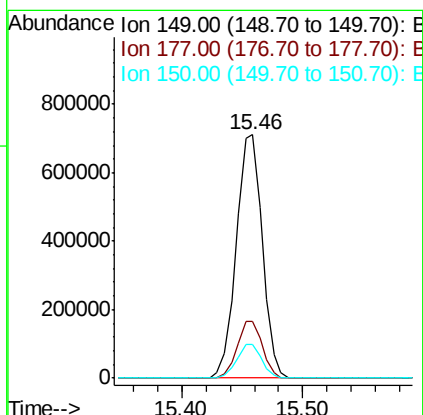
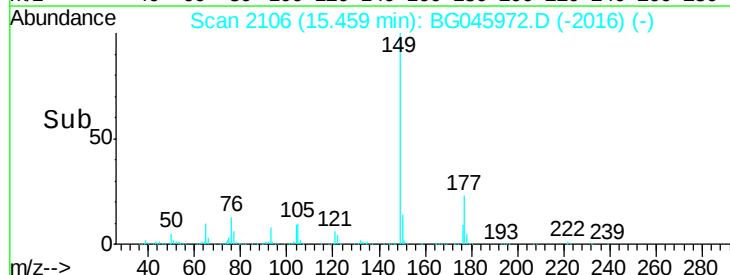
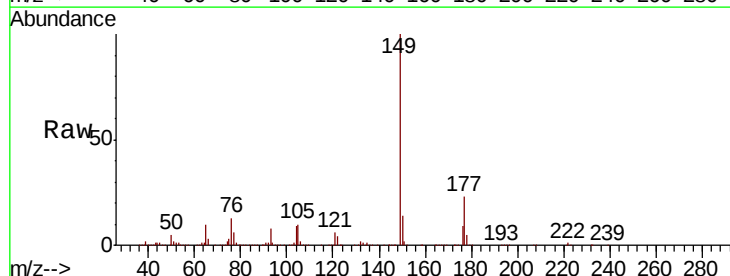
Manual Integrations
 APPROVED

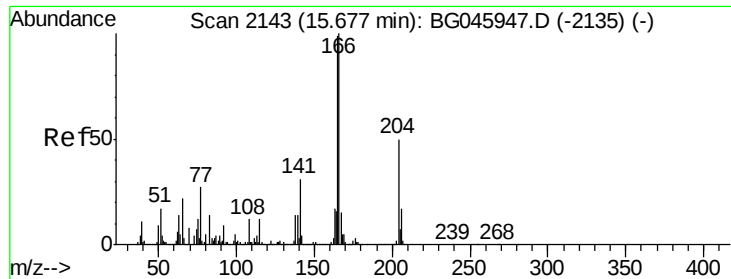
mohammad
 7/9/2020 10:55:52 AM



#60
 Diethylphthalate
 Concen: 39.118 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.4
150	13.7	11.0	16.4





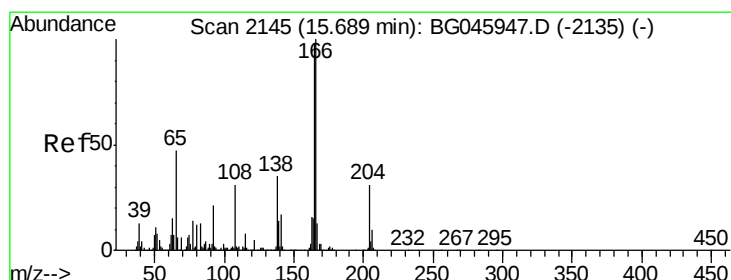
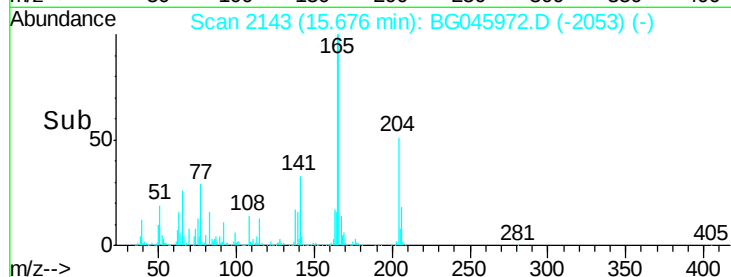
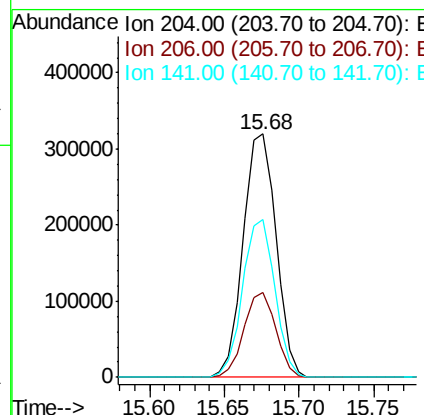
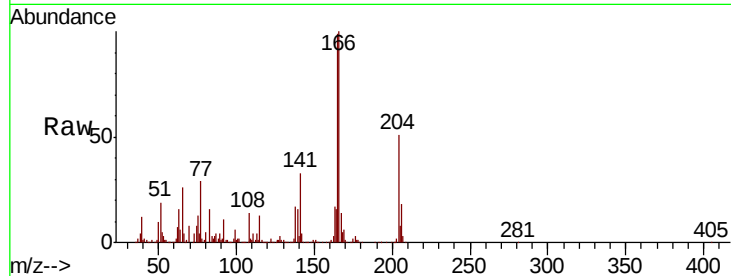
#61
 4-Chlorophenyl-phenylether
 Concen: 39.061 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.1	40.7
141	64.9	49.8	74.8

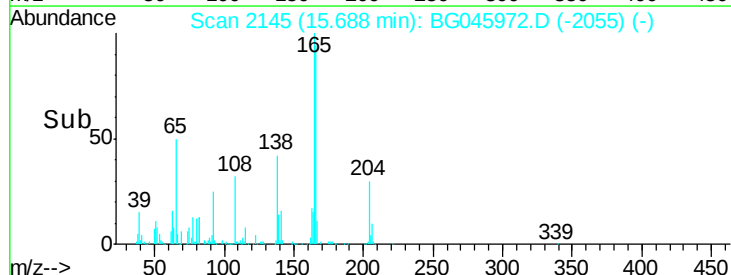
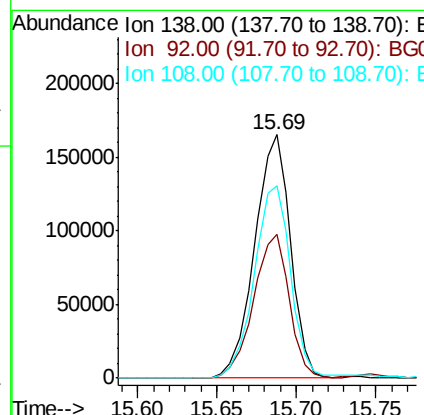
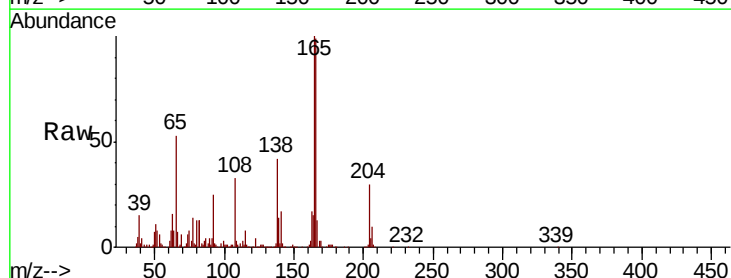
Manual Integrations
 APPROVED

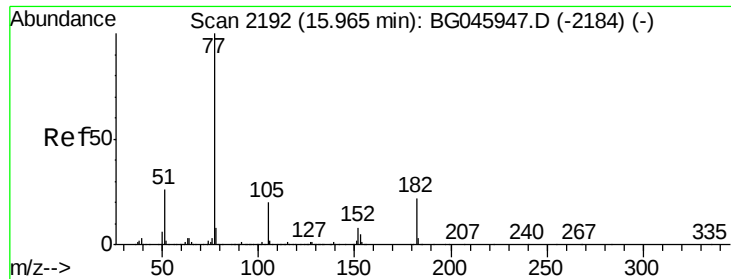
mohammad
 7/9/2020 10:55:52 AM



#62
 4-Nitroaniline
 Concen: 48.335 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.2	40.3	80.3
108	79.2	68.0	108.0





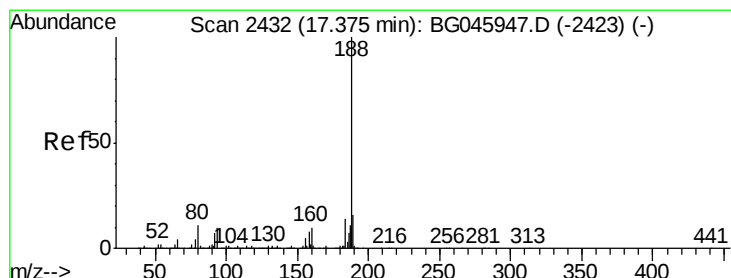
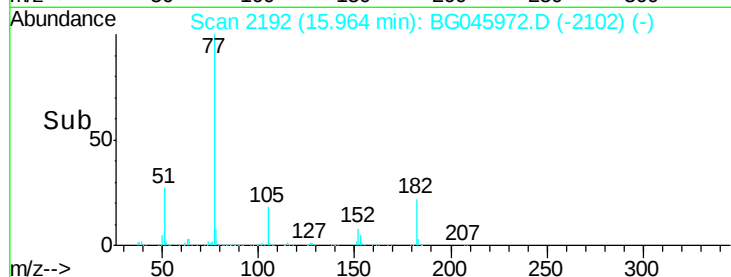
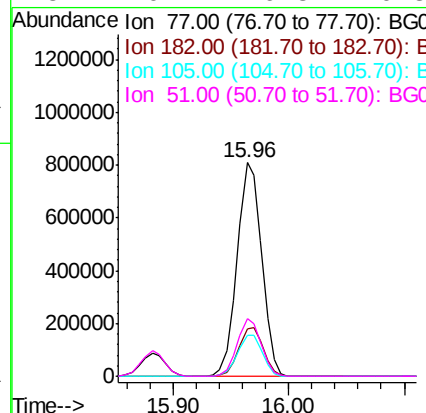
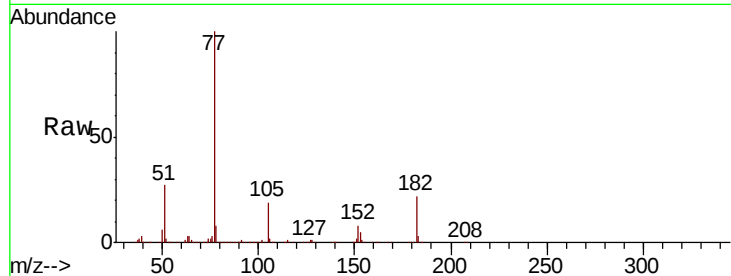
#63
Azobenzene
Concen: 40.666 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.1	2.4	42.4	
105	19.4	0.3	40.3	
51	26.7	6.3	46.3	

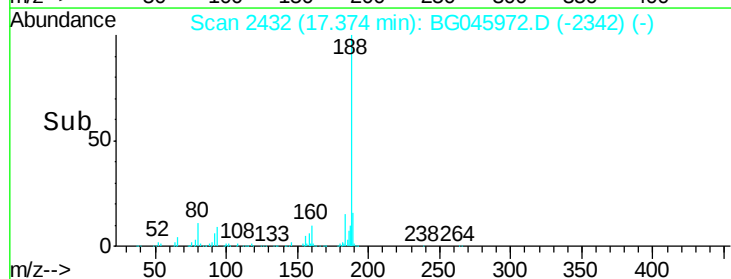
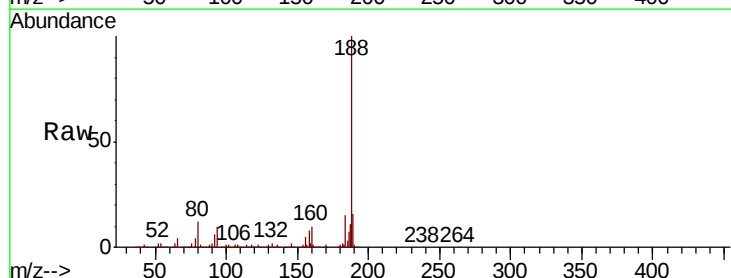
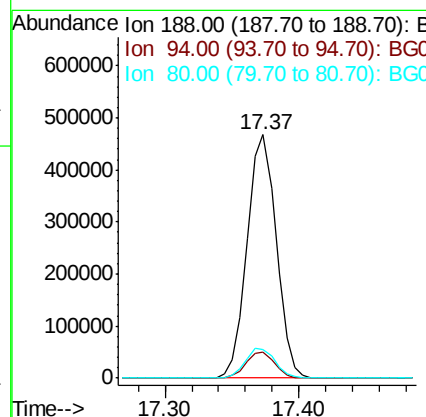
Manual Integrations
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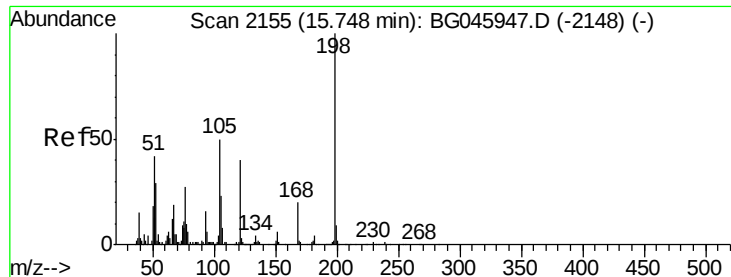
mohammad
7/9/2020 10:55:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.2	12.4	
80	11.6	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.831 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 115771

Ion Ratio Lower Upper

198 100

51 42.2 24.5 64.5

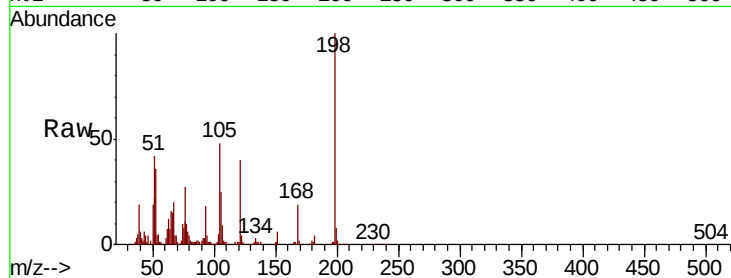
105 47.7 30.9 70.9

Manual Integrations

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

150000

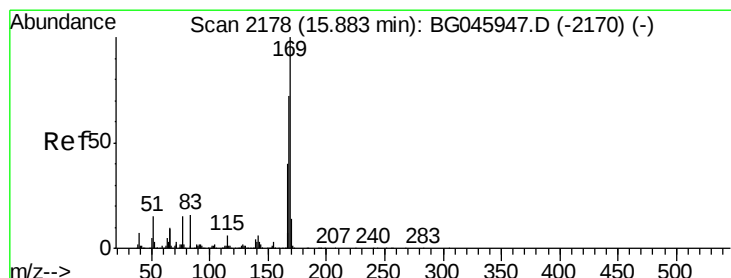
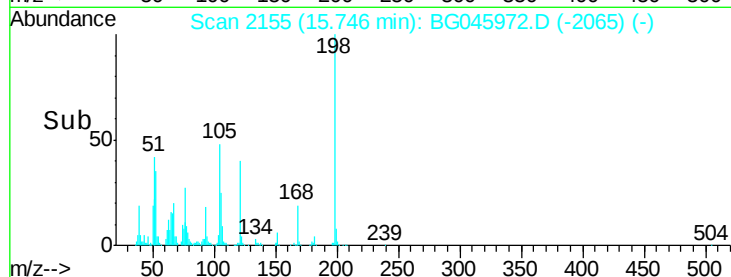
100000

50000

0

15.70 15.75 15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.123 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

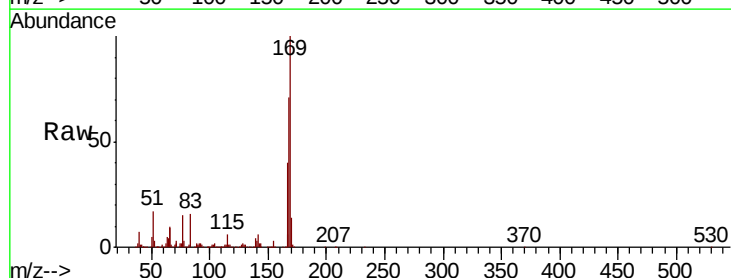
Tgt Ion:169 Resp: 874523

Ion Ratio Lower Upper

169 100

168 71.2 57.3 85.9

167 40.1 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

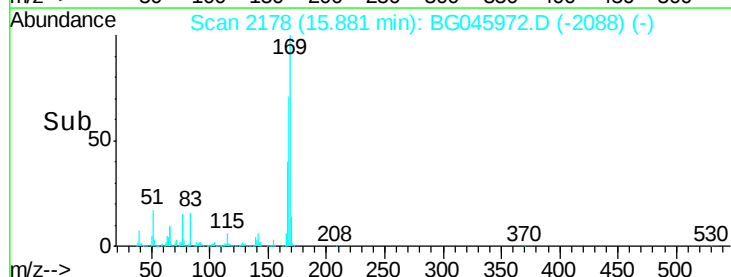
400000

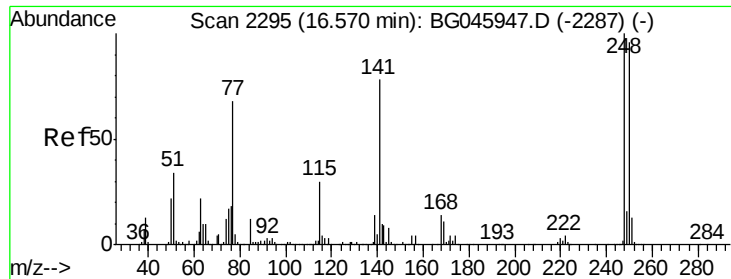
200000

0

15.80 15.90 16.00

Time-->





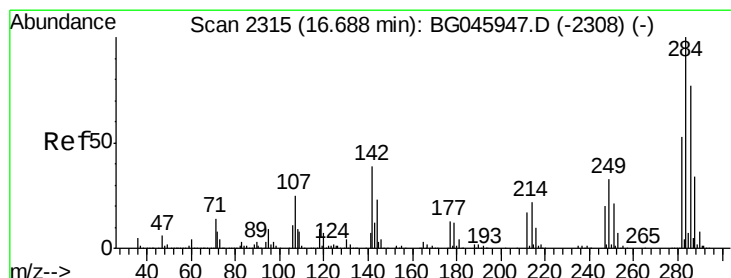
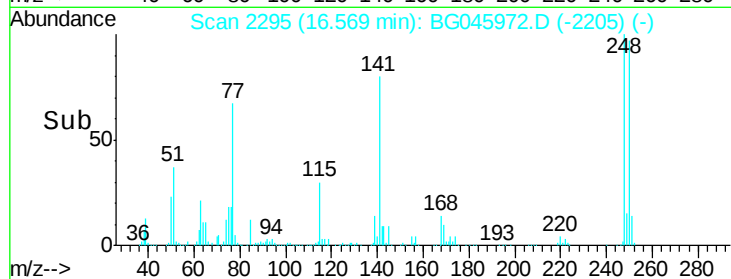
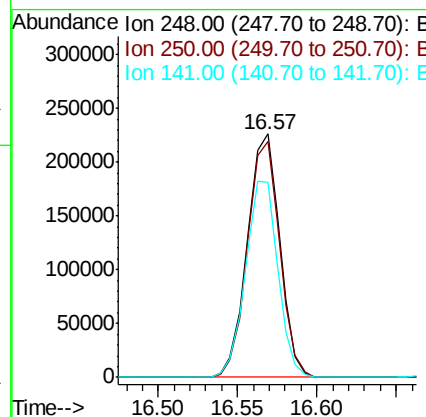
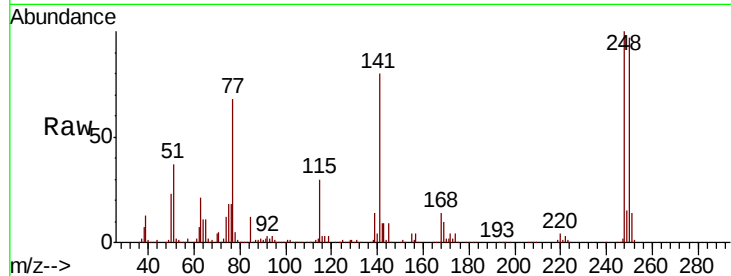
#67
4-Bromophenyl-phenylether
Concen: 40.905 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.6	114.8
141	79.9	62.7	94.1

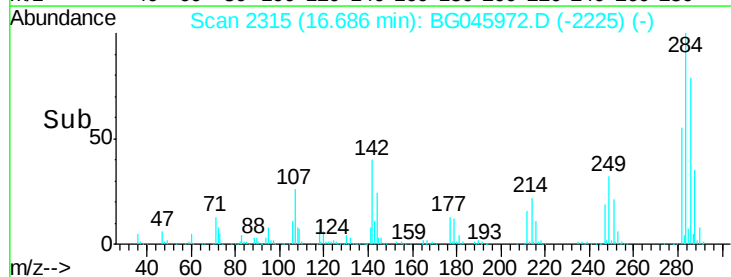
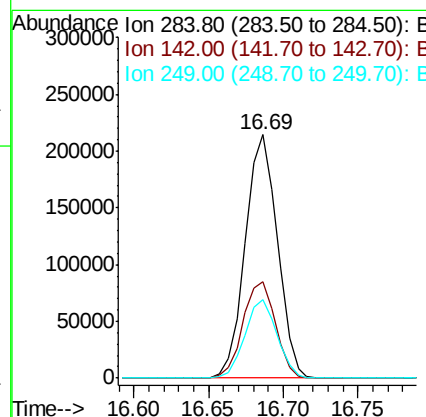
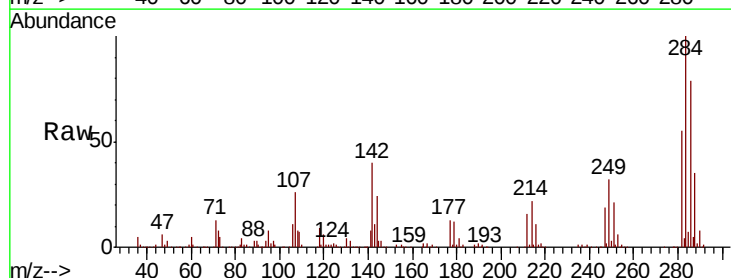
Manual Integrations
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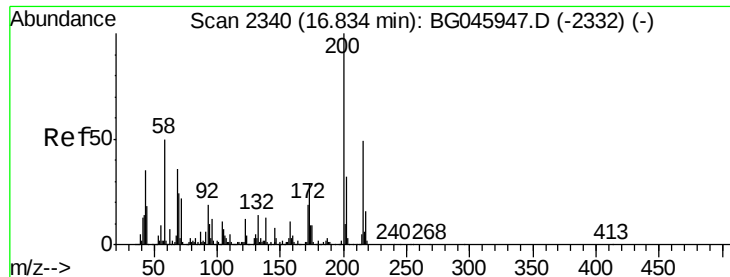
mohammad
7/9/2020 10:55:52 AM



#68
Hexachlorobenzene
Concen: 40.480 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.9	31.3	46.9
249	32.1	26.8	40.2





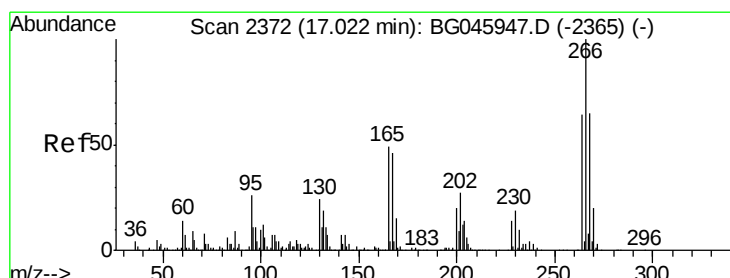
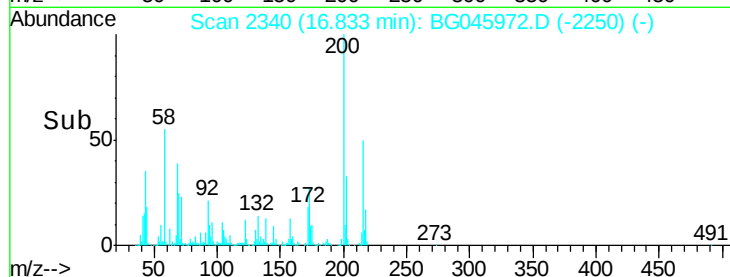
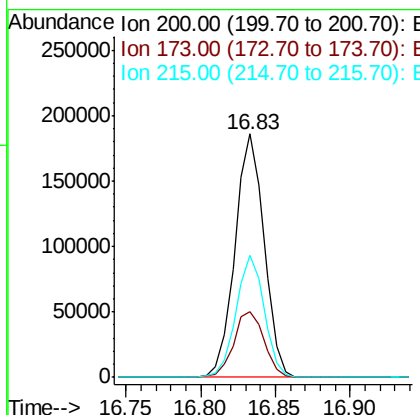
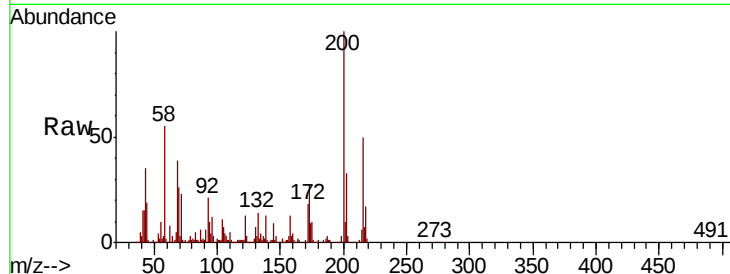
#69
Atrazine
Concen: 39.076 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	9.1	49.1
215	50.0	28.8	68.8

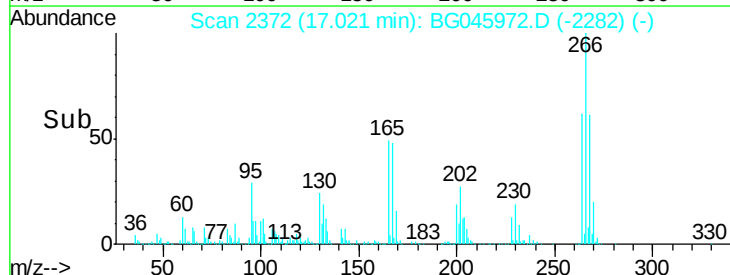
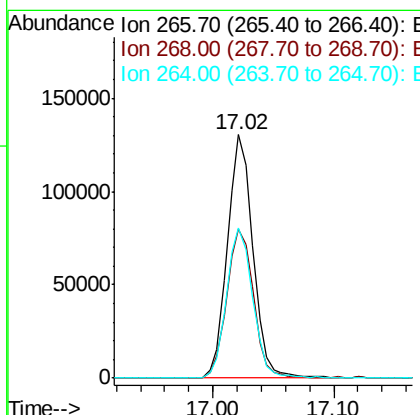
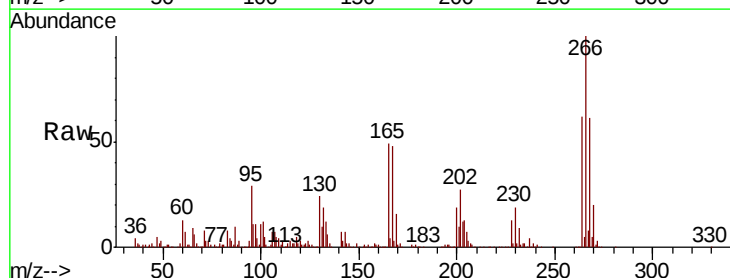
Manual Integrations
APPROVED

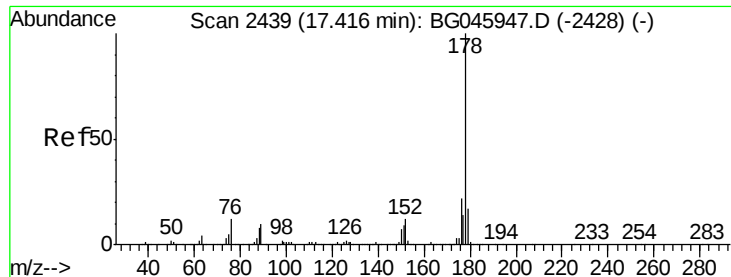
mohammad
7/9/2020 10:55:52 AM



#70
Pentachlorophenol
Concen: 43.906 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.8	77.8
264	61.7	51.4	77.0





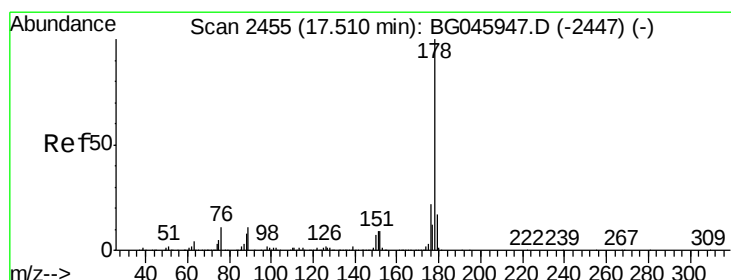
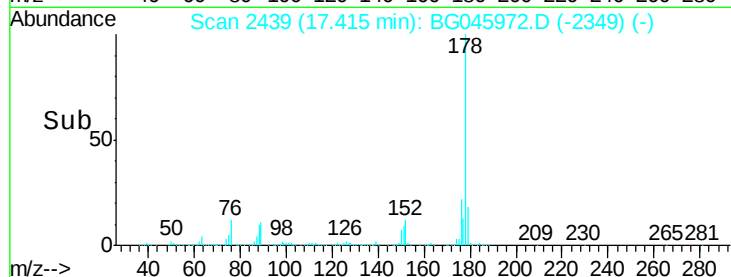
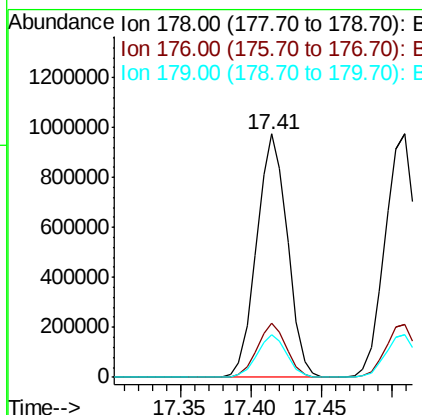
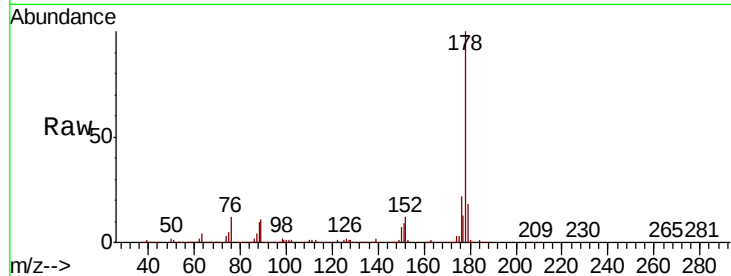
#71
Phenanthrene
Concen: 40.188 ng
RT: 17.41 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	17.4	26.2
179	17.6	13.4	20.2

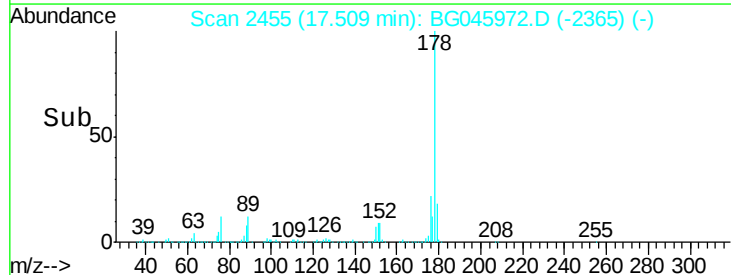
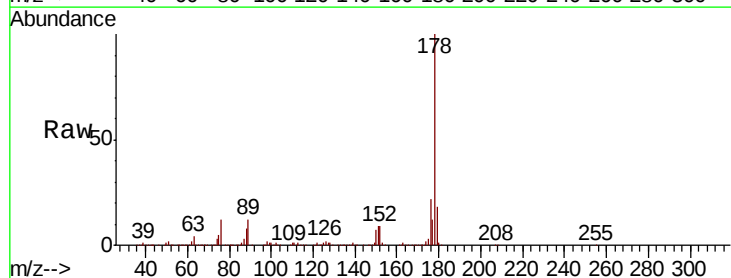
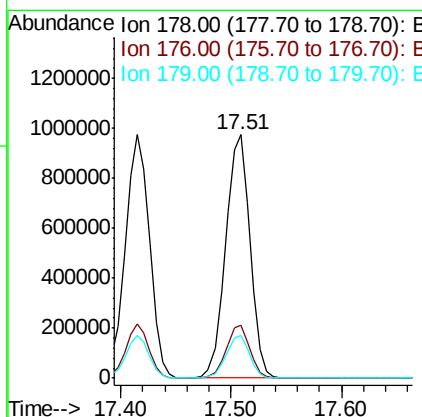
Manual Integrations
APPROVED

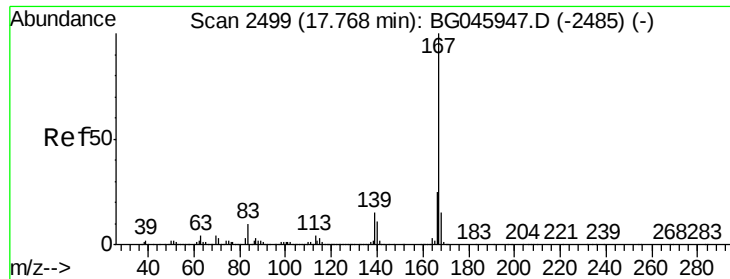
mohammad
7/9/2020 10:55:52 AM



#72
Anthracene
Concen: 39.780 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.2	25.8
179	17.7	14.0	21.0





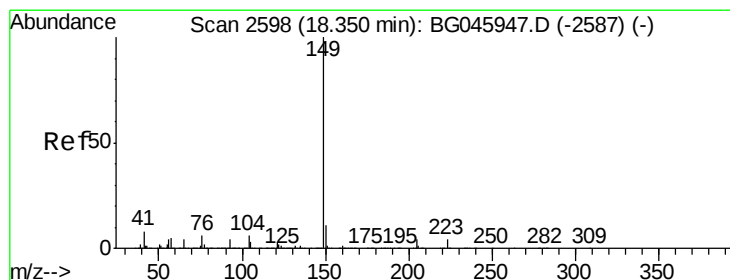
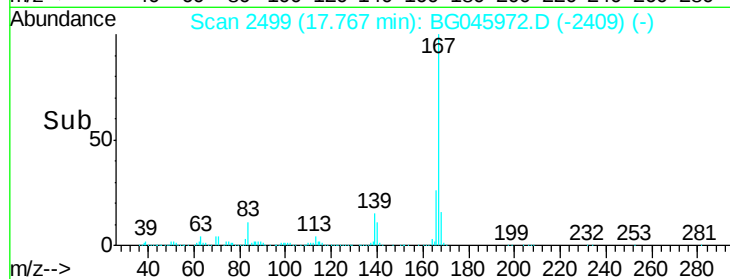
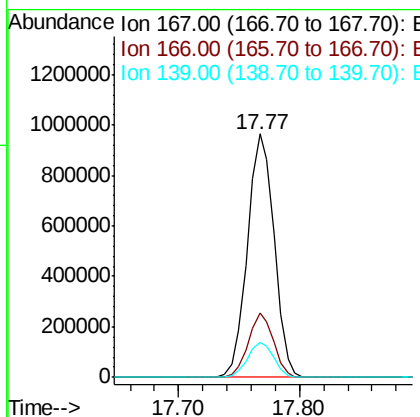
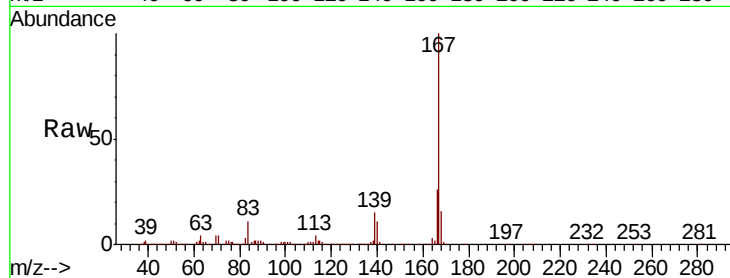
#73
 Carbazole
 Concen: 39.396 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	20.4	30.6
139	14.5	11.8	17.8

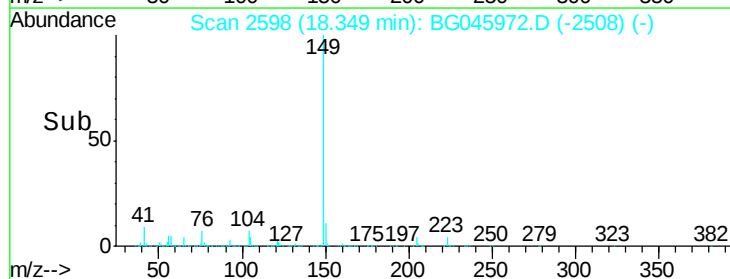
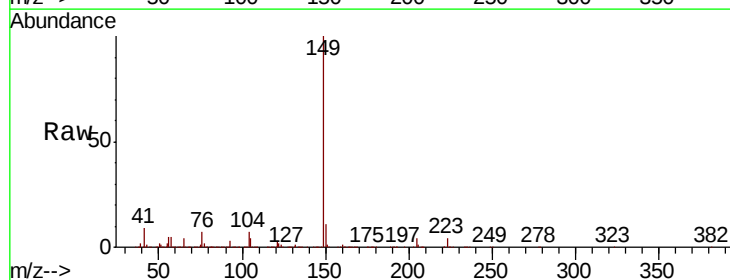
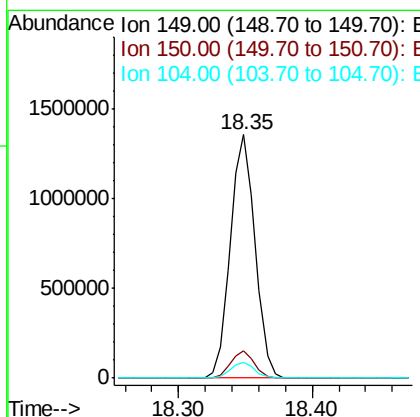
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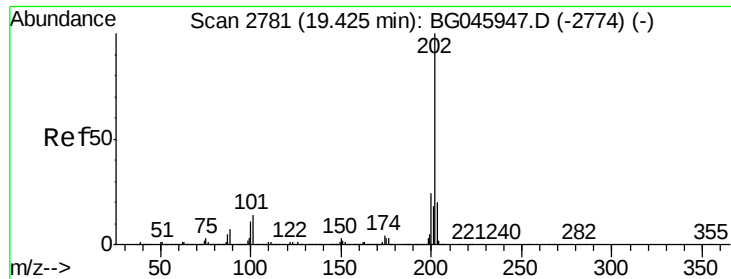
mohammad
 7/9/2020 10:55:52 AM



#74
 Di-n-butylphthalate
 Concen: 38.494 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045972.D
 Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.0	13.4
104	6.6	5.2	7.8





#75

Fluoranthene

Concen: 39.721 ng

RT: 19.42 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

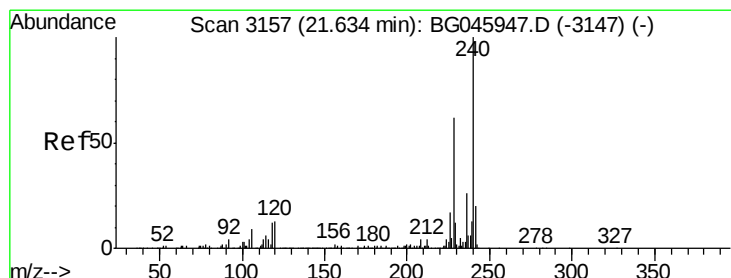
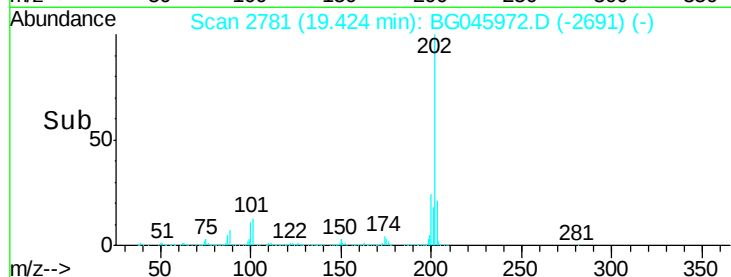
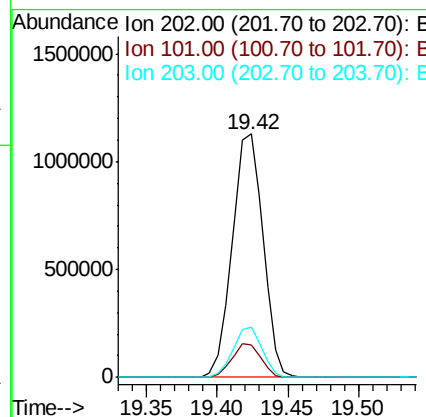
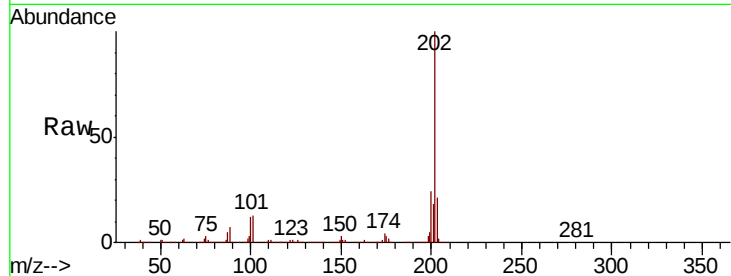
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1707481
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.8
203	20.6	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

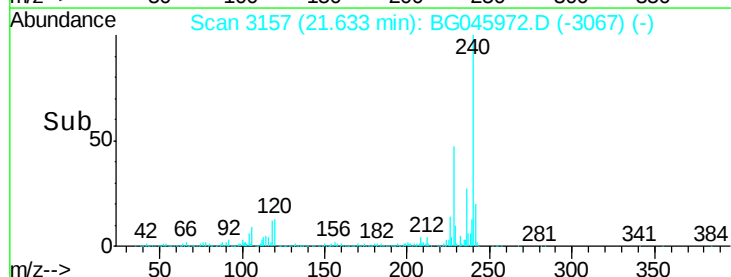
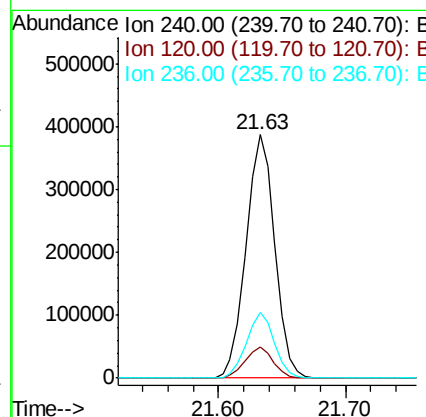
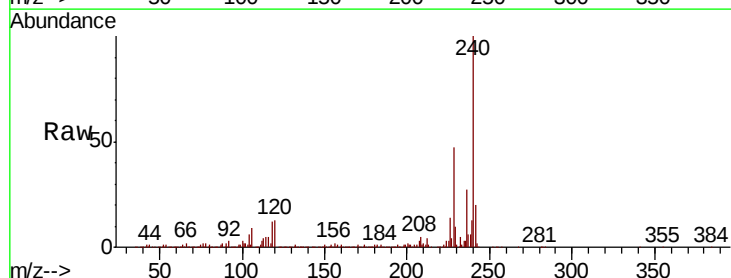
RT: 21.63 min Scan# 3157

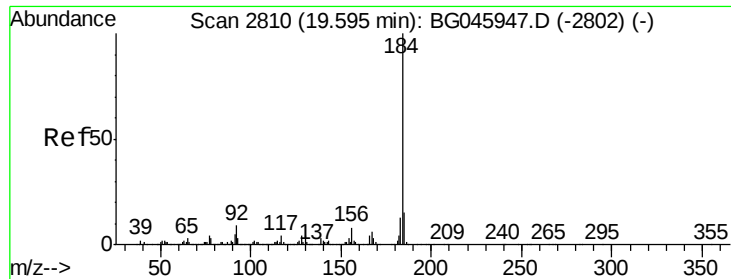
Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	240	Resp:	606588
Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.6	16.0
236	26.9	20.4	30.6





#77

Benzidine

Concen: 43.483 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

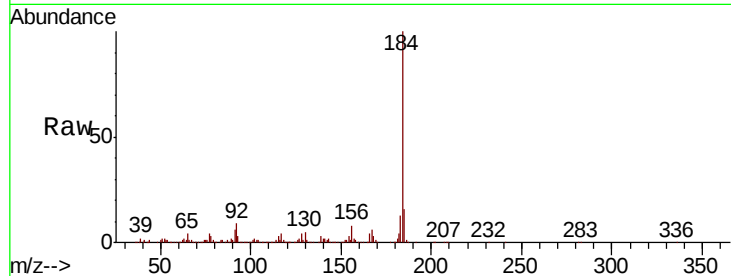
ClientSampleId :

SSTDCCC040EC

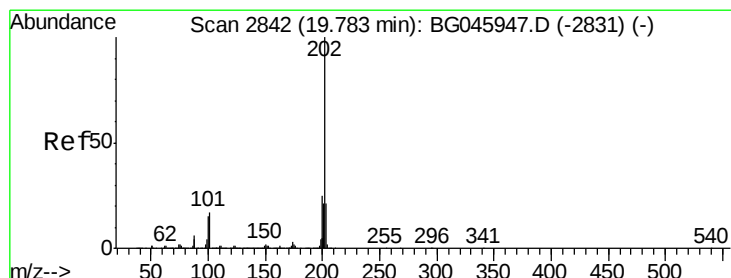
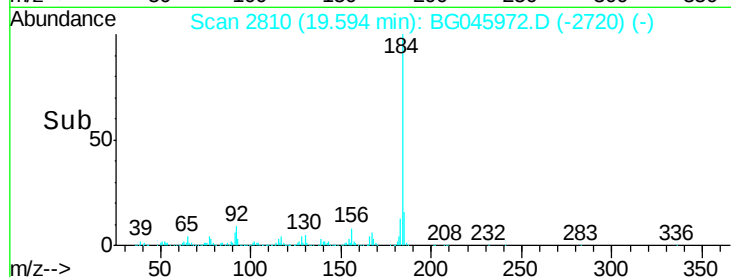
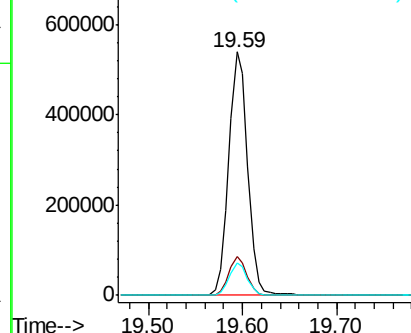
Tot Ion:	184	Resp:	754164
Ion Ratio	Lower	Upper	
184	100		
185	16.1	11.6	17.4
183	13.2	10.4	15.6

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



#78

Pyrene

Concen: 41.292 ng

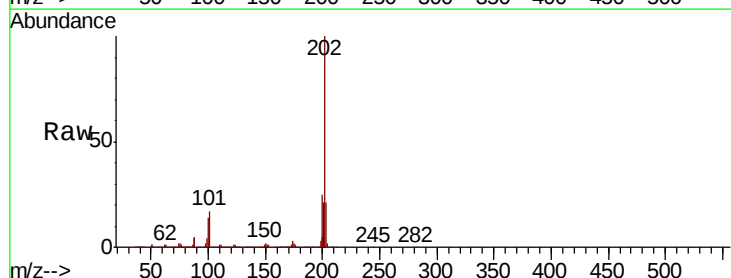
RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

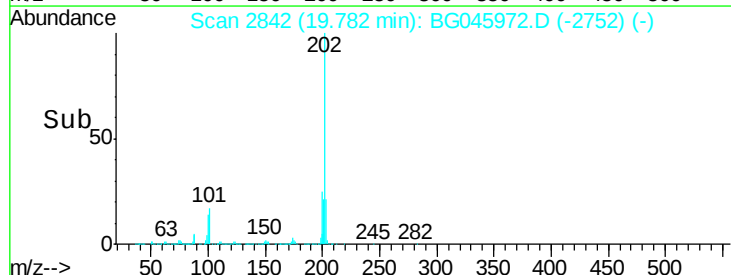
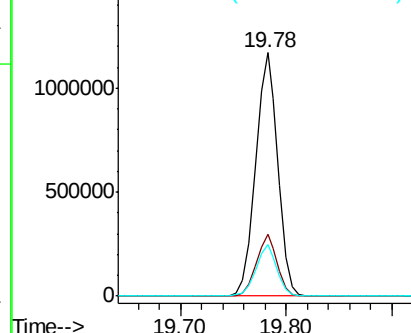
Lab File: BG045972.D

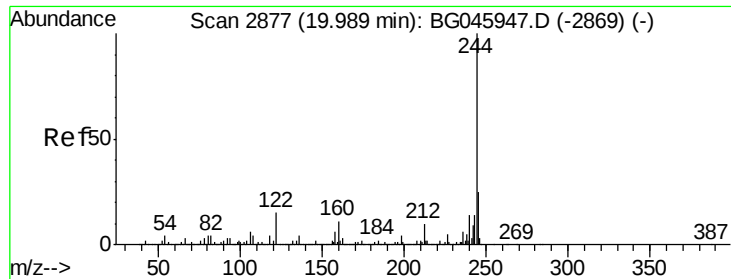
Acq: 7 Jul 2020 23:23

Tgt Ion:	202	Resp:	1709710
Ion Ratio	Lower	Upper	
202	100		
200	25.4	20.1	30.1
203	21.0	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: 80.424 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2192034

Ion Ratio Lower Upper

244 100

212 9.8 8.3 12.5

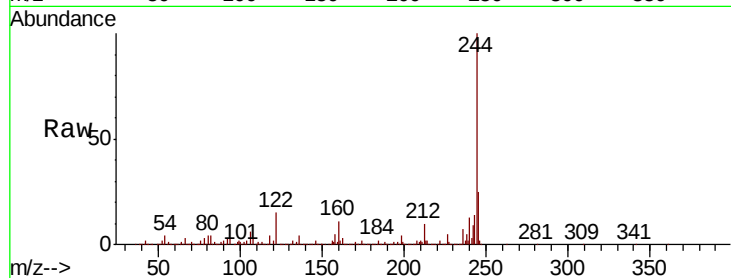
122 15.2 12.1 18.1

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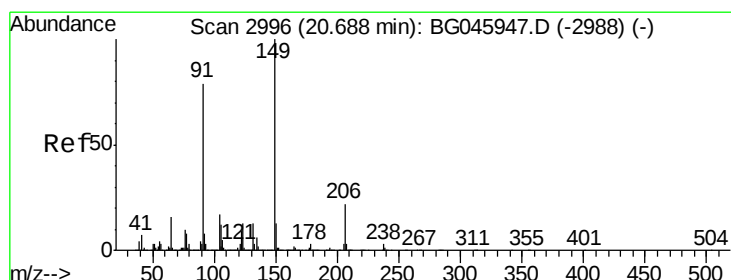
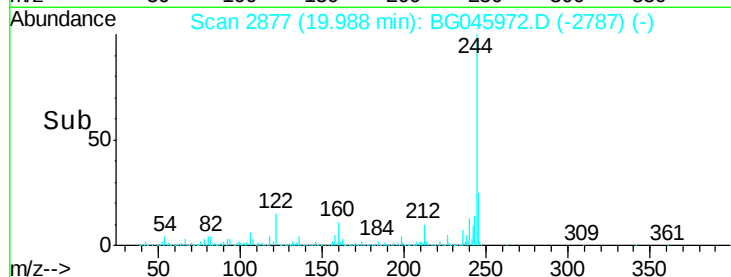
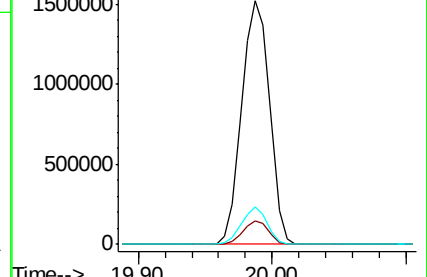
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.462 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

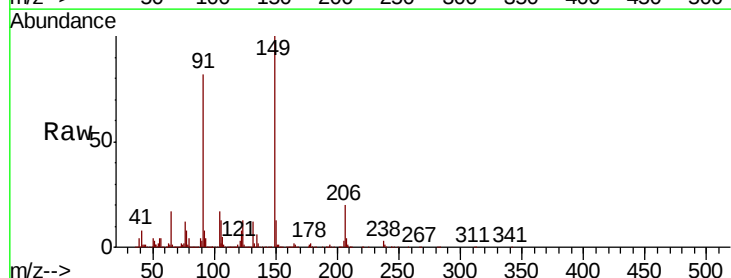
Tgt Ion:149 Resp: 830852

Ion Ratio Lower Upper

149 100

91 82.0 63.1 94.7

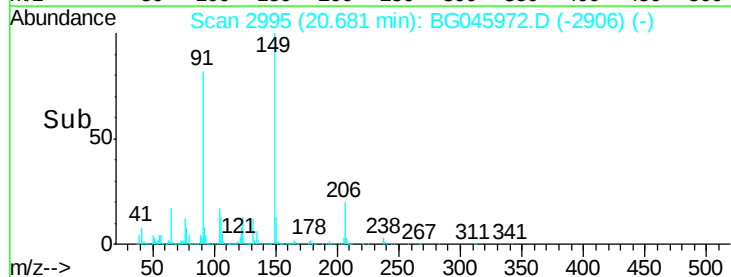
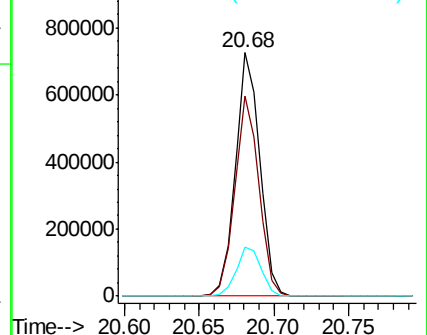
206 20.2 17.4 26.0

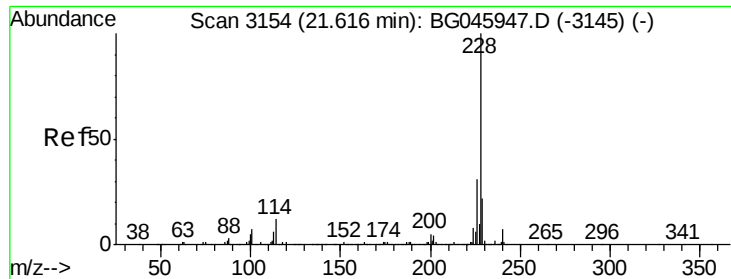


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





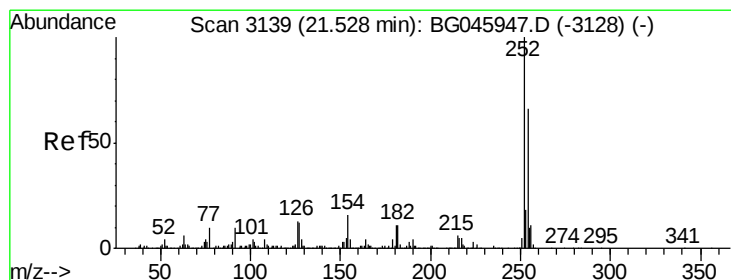
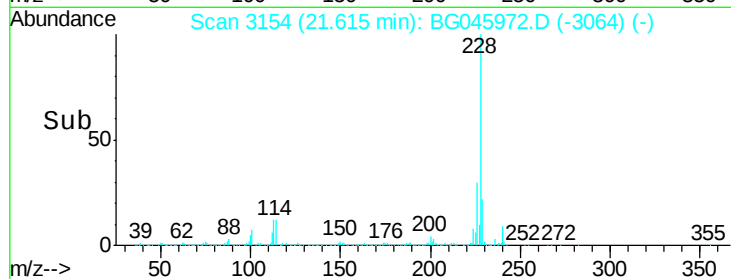
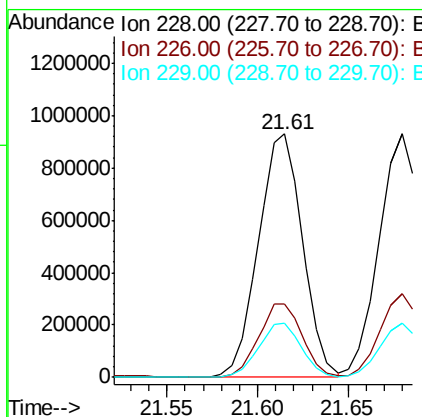
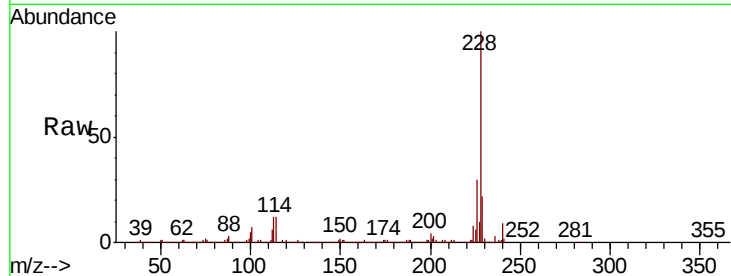
#81
Benzo(a)anthracene
Concen: 39.683 ng
RT: 21.61 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	22.1	17.8	26.8

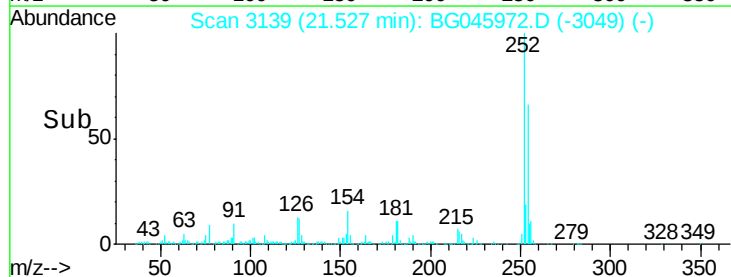
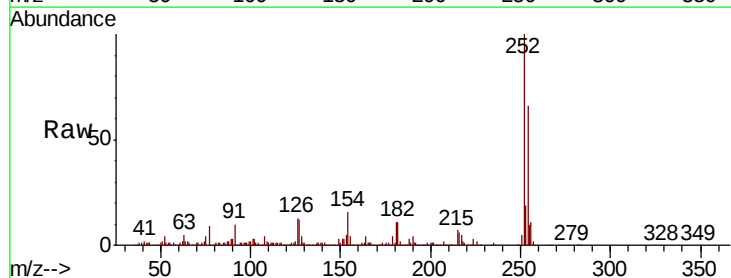
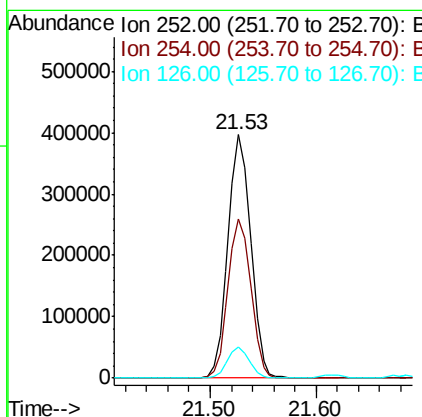
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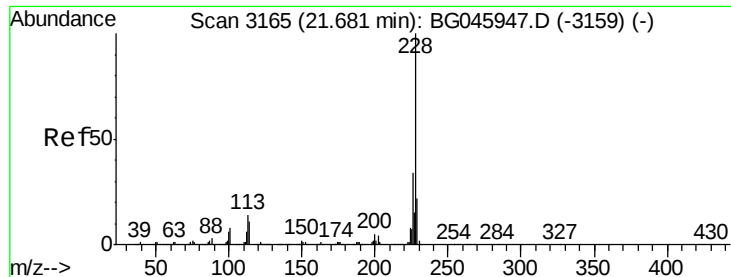
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.259 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.9	79.3
126	12.8	10.4	15.6





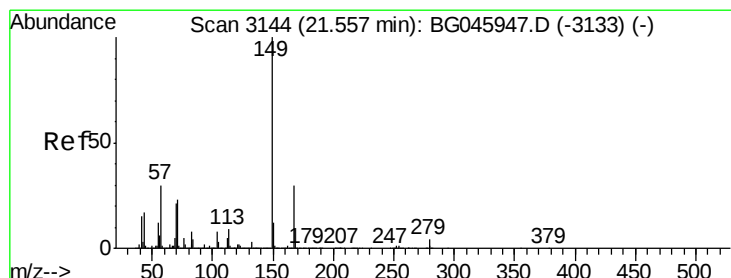
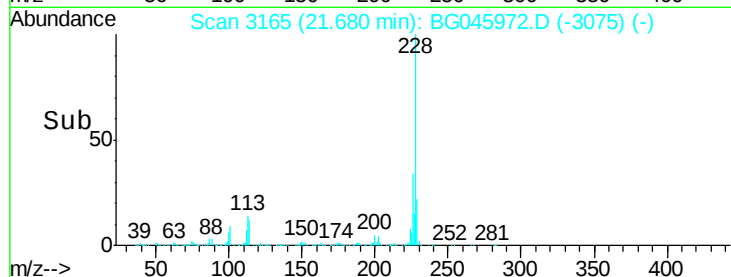
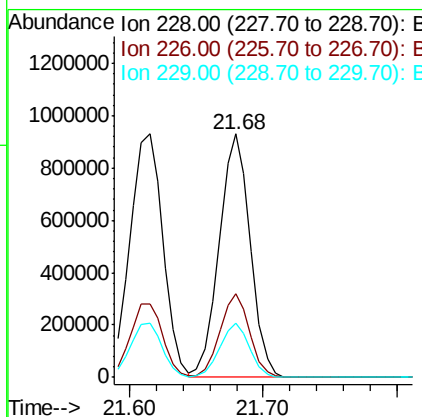
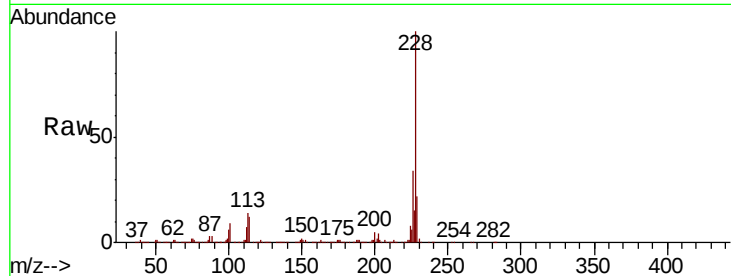
#83
Chrysene
Concen: 39.808 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 1512600
Ion Ratio Lower Upper
228 100
226 34.4 26.7 40.1
229 22.1 17.3 25.9

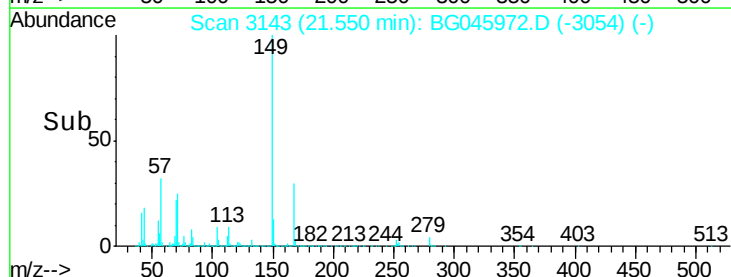
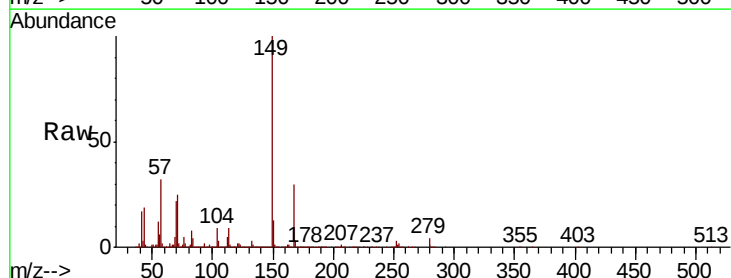
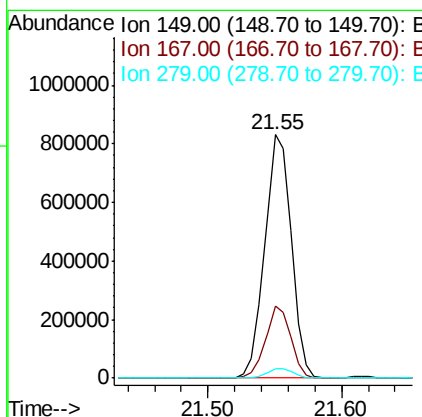
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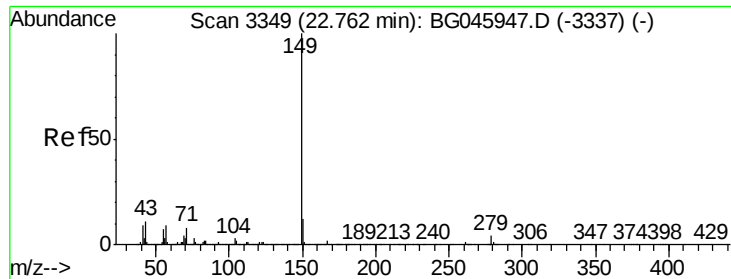
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.394 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion:149 Resp: 1147308
Ion Ratio Lower Upper
149 100
167 29.5 23.8 35.8
279 3.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 40.225 ng

RT: 22.75 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

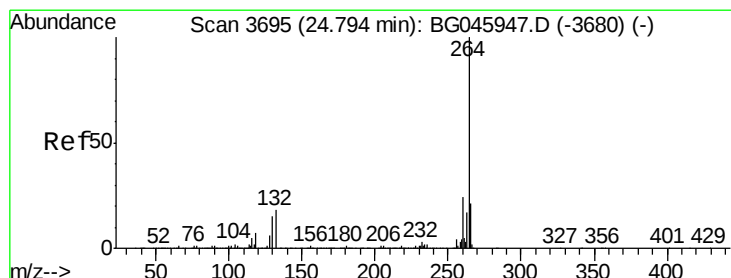
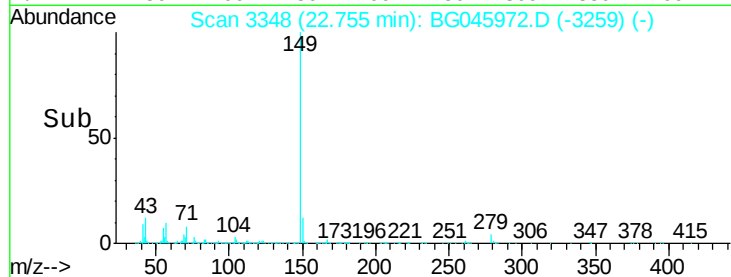
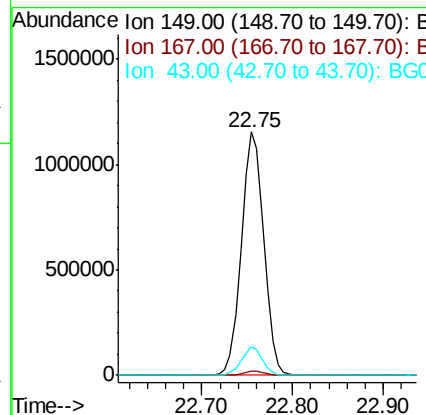
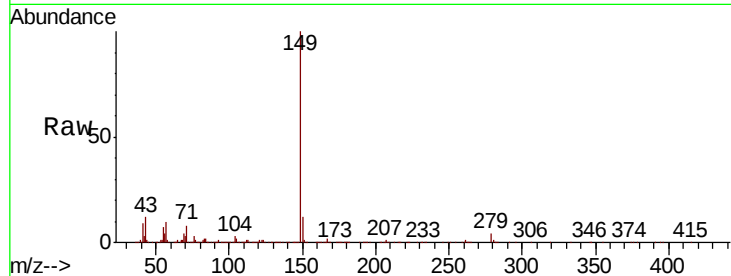
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	1982674
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.9	8.6	12.8

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#86

Perylene-d12

Concen: 20.000 ng

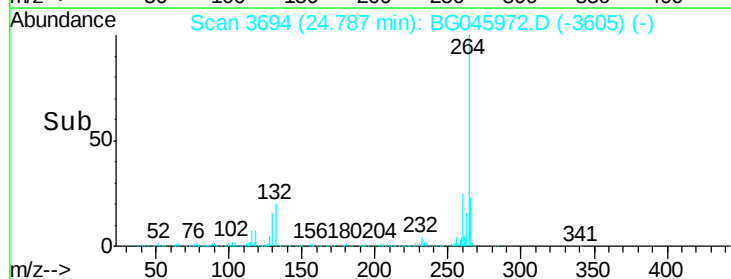
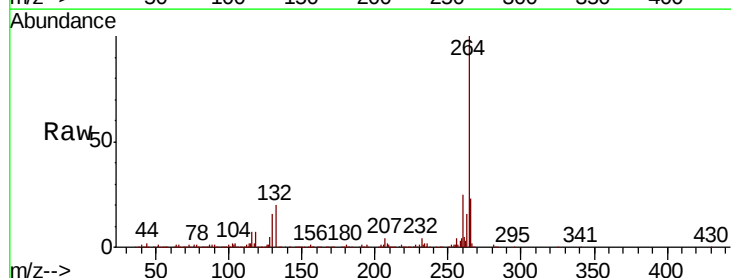
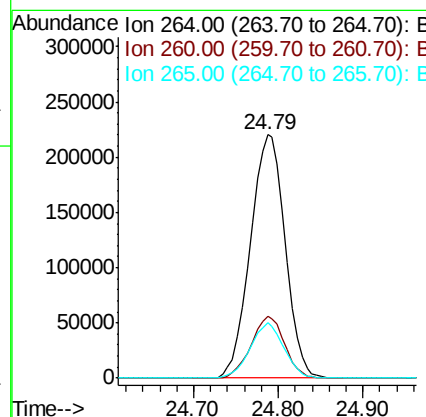
RT: 24.79 min Scan# 3694

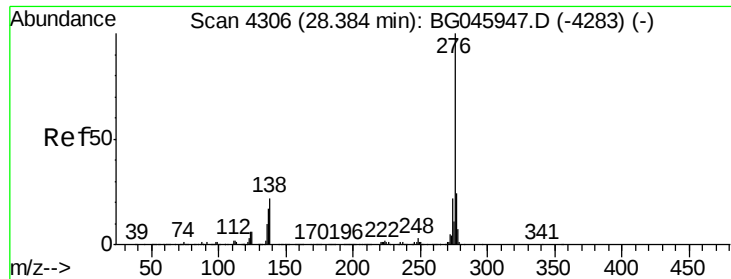
Delta R.T. -0.01 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Tgt Ion:	264	Resp:	630256
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.0	28.6
265	22.9	16.9	25.3





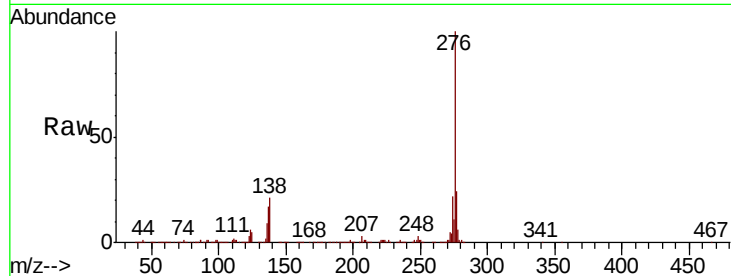
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.908 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.01 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

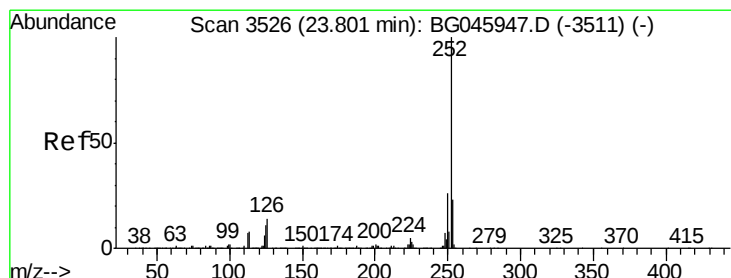
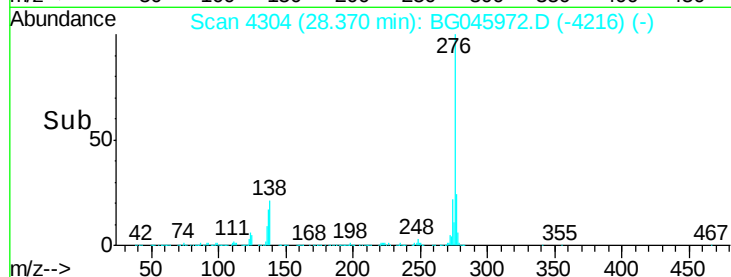
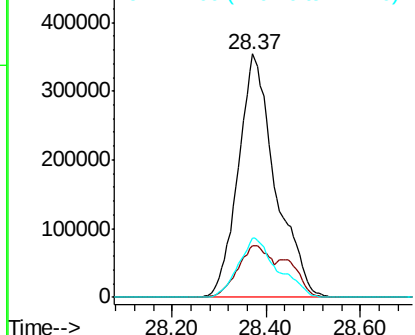
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.4	24.6
277	25.8	20.6	31.0

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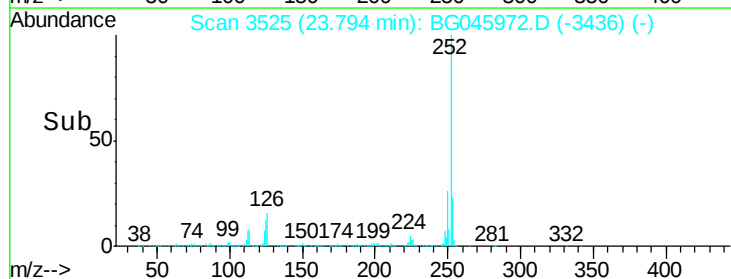
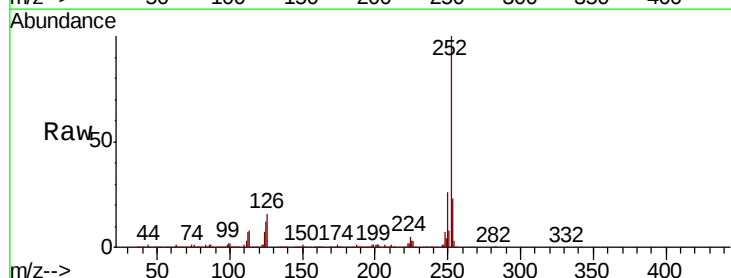
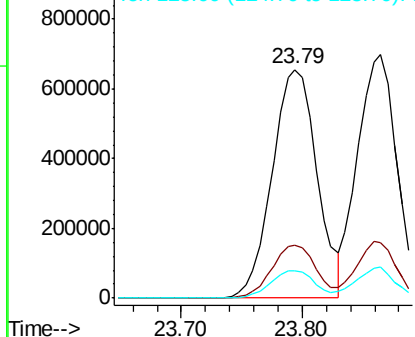
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

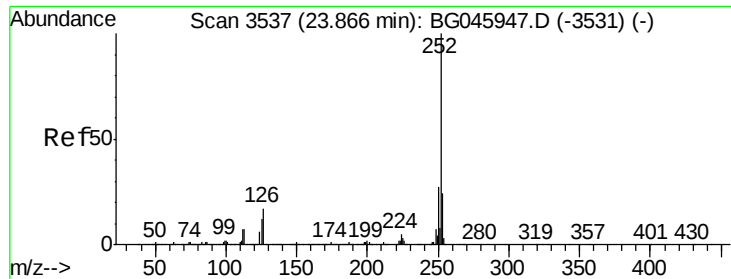


#88
Benzo(b)fluoranthene
Concen: 42.094 ng
RT: 23.79 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	11.8	9.2	13.8

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





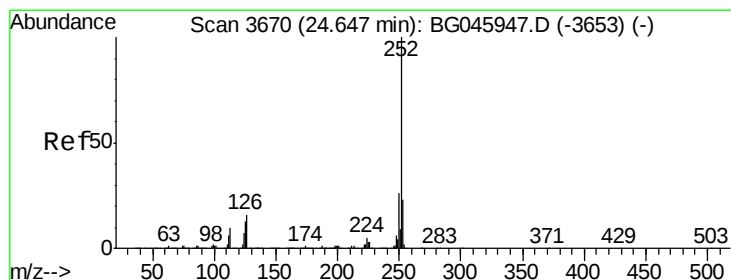
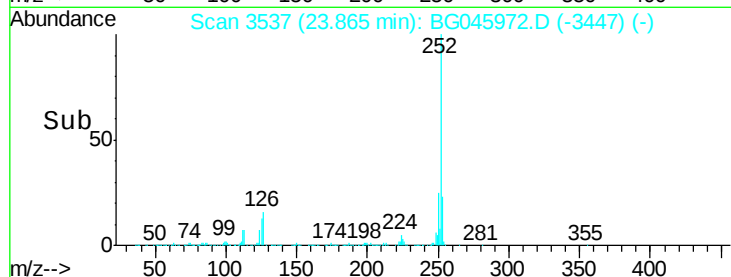
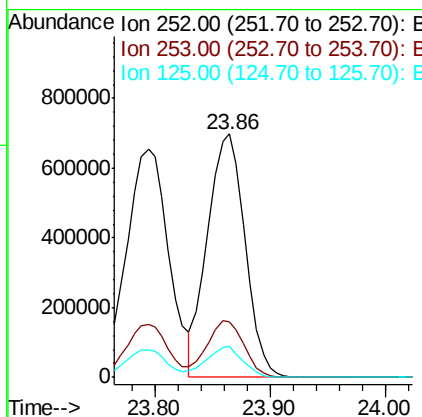
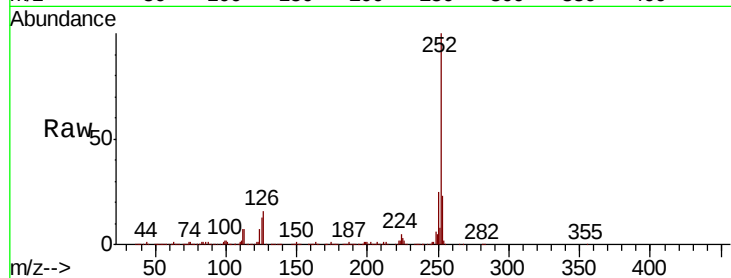
#89
Benzo(k)fluoranthene
Concen: 41.502 ng
RT: 23.86 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	12.6	9.6	14.4

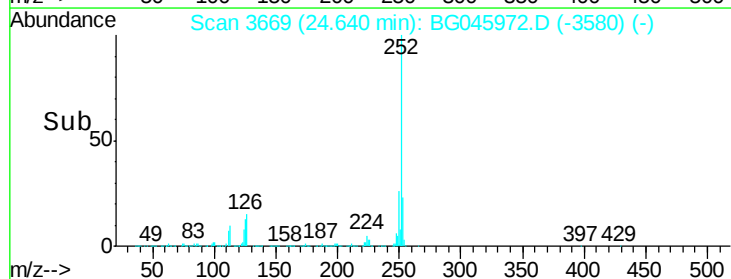
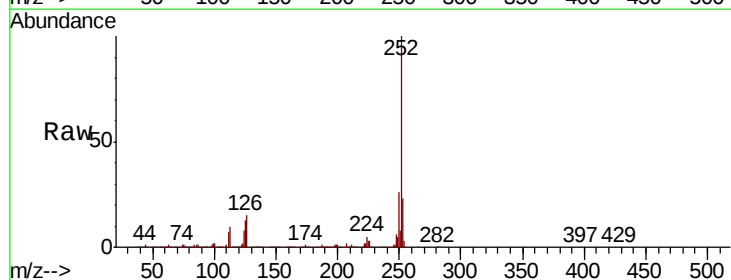
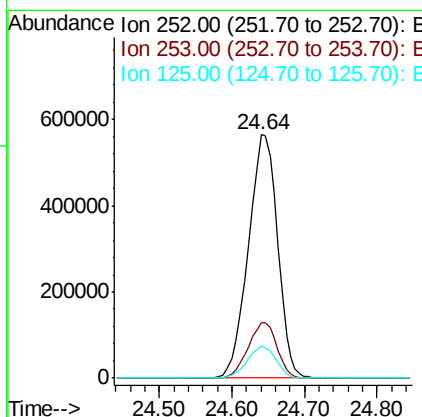
Manual Integrations
APPROVED

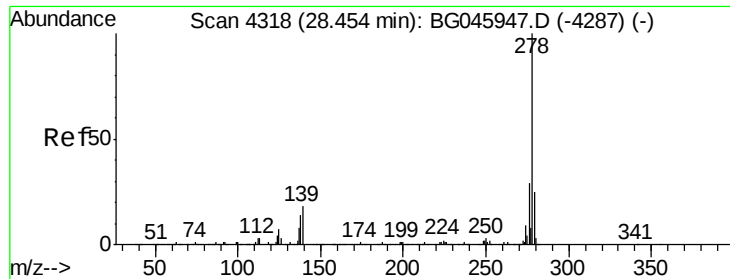
mohammad
7/9/2020 10:55:52 AM



#90
Benzo(a)pyrene
Concen: 42.073 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045972.D
Acq: 7 Jul 2020 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	13.5	10.5	15.7





#91

Dibenzo(a,h)anthracene

Concen: 41.445 ng

RT: 28.45 min Scan# 4318

Delta R.T. -0.00 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1541266

Ion Ratio Lower Upper

278 100

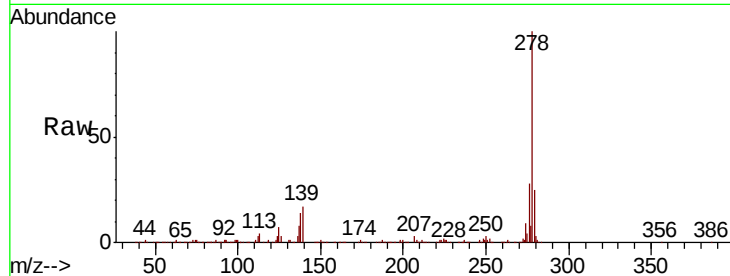
139 16.8 14.3 21.5

279 24.7 19.8 29.6

Manual Integrations
APPROVED

mohammad

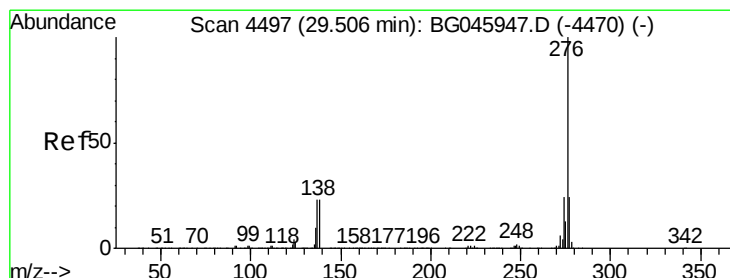
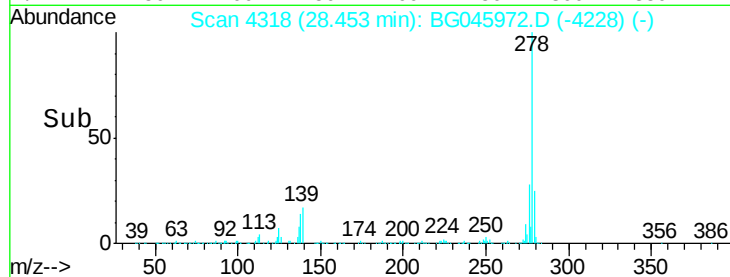
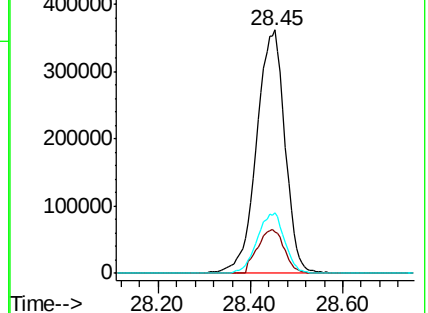
7/9/2020 10:55:52 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.306 ng

RT: 29.49 min Scan# 4495

Delta R.T. -0.01 min

Lab File: BG045972.D

Acq: 7 Jul 2020 23:23

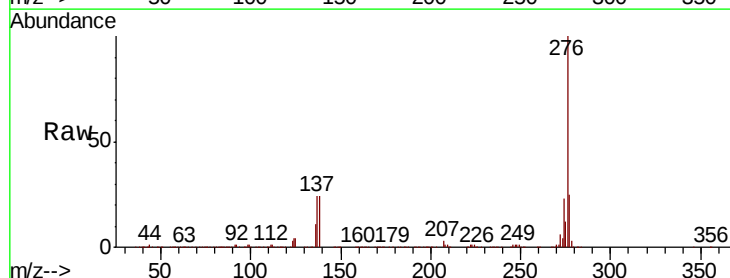
Tgt Ion:276 Resp: 1545863

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.0

138 24.0 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

