

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
 Data File : BG046450.D
 Acq On : 25 Aug 2020 16:08
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 8/26/2020 4:00:10 PM

Quant Time: Aug 25 16:52:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 15:31:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	79118	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	309534	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	224268	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	547130	20.00	ng	0.00
76) Chrysene-d12	21.56	240	532645	20.00	ng	0.00
86) Perylene-d12	24.66	264	549032	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	512995	112.71	ng	0.00
7) Phenol-d6	7.11	99	728450	117.44	ng	0.00
23) Nitrobenzene-d5	9.09	82	638522	111.69	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	358221	103.99	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1589279	102.94	ng	0.00
79) Terphenyl-d14	19.93	244	2554945	97.69	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	105712	51.030 ng	98
3) Pyridine	3.82	79	325379m	57.056 ng	
4) n-Nitrosodimethylamine	3.73	42	123060	50.702 ng	99
6) Aniline	7.26	93	421257	57.053 ng	99
8) 2-Chlorophenol	7.51	128	269136	53.502 ng	98
9) Benzaldehyde	7.07	77	184996	50.261 ng	93
10) Phenol	7.14	94	340805	54.684 ng	100
11) bis(2-Chloroethyl)ether	7.35	93	267881	54.039 ng	100
12) 1,3-Dichlorobenzene	7.82	146	340983	55.923 ng	98
13) 1,4-Dichlorobenzene	7.97	146	339253	55.409 ng	98
14) 1,2-Dichlorobenzene	8.29	146	322775	55.898 ng	99
15) Benzyl Alcohol	8.17	79	247791	57.825 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	417996	51.432 ng	99
17) 2-Methylphenol	8.38	107	242746	57.695 ng	98
18) Hexachloroethane	9.02	117	116823	57.051 ng	99
19) n-Nitroso-di-n-propylamine	8.74	70	225041	55.746 ng	98
20) 3+4-Methylphenols	8.71	107	342519	59.477 ng	99
22) Acetophenone	8.75	105	440715	55.479 ng	# 98
24) Nitrobenzene	9.13	77	316140	51.866 ng	100
25) Isophorone	9.66	82	602245	52.941 ng	98
26) 2-Nitrophenol	9.85	139	176818	64.007 ng	96
27) 2,4-Dimethylphenol	9.91	122	234756	52.233 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	377149	60.973 ng	99
29) 2,4-Dichlorophenol	10.39	162	312529	59.114 ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	357626	57.742 ng	99
31) Naphthalene	10.79	128	874969	53.423 ng	99
32) Benzoic acid	10.09	122	208301	75.525 ng	99
33) 4-Chloroaniline	10.89	127	409328	61.161 ng	98
34) Hexachlorobutadiene	11.08	225	231768	56.214 ng	99
35) Caprolactam	11.68	113	120770	69.791 ng	97
36) 4-Chloro-3-methylphenol	12.02	107	313340	60.394 ng	97
37) 2-Methylnaphthalene	12.39	142	704465	55.900 ng	99
38) 1-Methylnaphthalene	12.61	142	662459	55.550 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	421988	52.223 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	212769	45.906	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	299292	58.055	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	315155	56.028	nq	99
46) 1,1'-Biphenyl	13.40	154	890982	50.644	nq	97
47) 2-Chloronaphthalene	13.44	162	752837	53.646	nq	99
48) 2-Nitroaniline	13.64	65	226477	61.569	nq	100
49) Acenaphthylene	14.29	152	1145055	52.546	nq	99
50) Dimethylphthalate	14.03	163	981804	57.039	nq	99
51) 2,6-Dinitrotoluene	14.14	165	228111	56.943	nq	98
52) Acenaphthene	14.63	154	718536	49.961	nq	98
53) 3-Nitroaniline	14.47	138	253190	63.752	nq	100
54) 2,4-Dinitrophenol	14.67	184	152987	72.826	nq	96
55) Dibenzofuran	14.96	168	1127261	51.944	nq	99
56) 4-Nitrophenol	14.79	139	198786	57.652	nq	99
57) 2,4-Dinitrotoluene	14.93	165	327754	59.506	nq	98
58) Fluorene	15.61	166	937583	53.349	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	308071	58.146	nq	98
60) Diethylphthalate	15.39	149	967295	57.126	nq	99
61) 4-Chlorophenyl-phenylether	15.61	204	525112	57.208	nq	97
62) 4-Nitroaniline	15.64	138	262322	65.675	nq	98
63) Azobenzene	15.90	77	787370	49.616	nq	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	203618	56.272	nq	96
66) n-Nitrosodiphenylamine	15.83	169	851619	51.421	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	377378	55.830	nq	97
68) Hexachlorobenzene	16.63	284	403801	53.276	nq	96
69) Atrazine	16.77	200	343159	53.809	nq	98
70) Pentachlorophenol	16.97	266	247411	50.309	nq	99
71) Phenanthrene	17.35	178	1531241	51.091	nq	97
72) Anthracene	17.44	178	1506890	50.548	nq	97
73) Carbazole	17.71	167	1428562	49.696	nq	98
74) Di-n-butylphthalate	18.28	149	1633693	54.370	nq	97
75) Fluoranthene	19.36	202	1892391	50.575	nq	97
77) Benzidine	19.54	184	833725	55.259	nq	99
78) Pyrene	19.72	202	1884931	52.668	nq	96
80) Butylbenzylphthalate	20.61	149	784350	60.501	nq	97
81) Benzo(a)anthracene	21.54	228	1854306	52.021	nq	96
82) 3,3'-Dichlorobenzidine	21.46	252	731633	49.428	nq	99
83) Chrysene	21.61	228	1781454	51.018	nq	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	1036736	55.935	nq	99
85) Di-n-octyl phthalate	22.64	149	1808103	57.616	nq	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2319656	55.398	nq	99
88) Benzo(b)fluoranthene	23.69	252	1976246	53.714	nq	97
89) Benzo(k)fluoranthene	23.76	252	1858208	51.493	nq	98
90) Benzo(a)pyrene	24.53	252	1851013	54.067	nq	98
91) Dibenzo(a,h)anthracene	28.25	278	1847875	52.791	nq	99
92) Benzo(g,h,i)perylene	29.30	276	1867500	52.827	nq	98

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

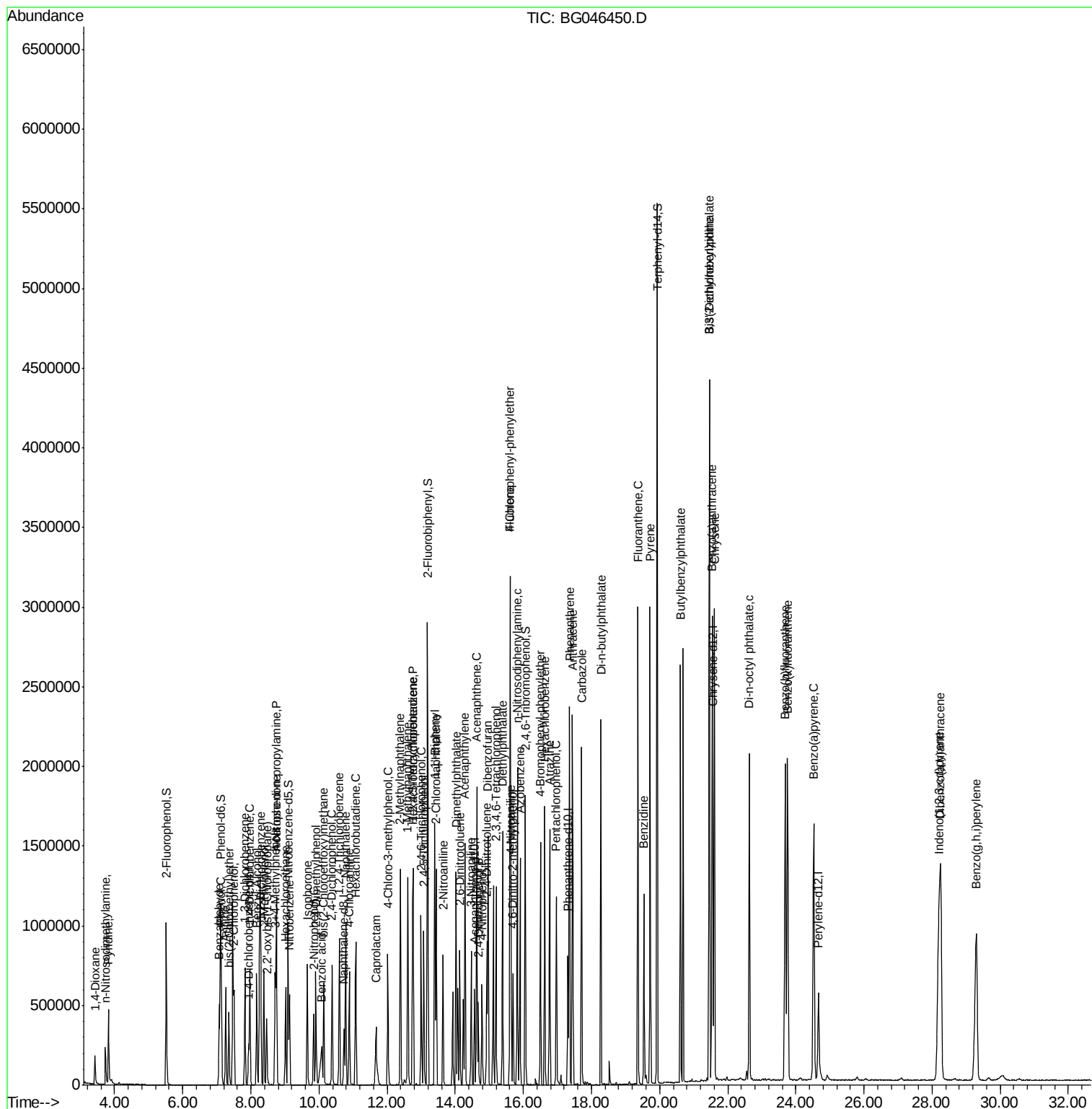
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
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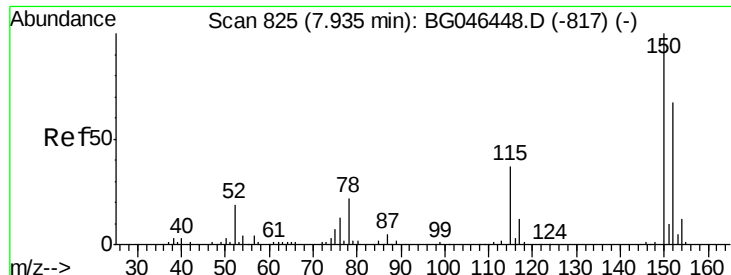
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

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#1

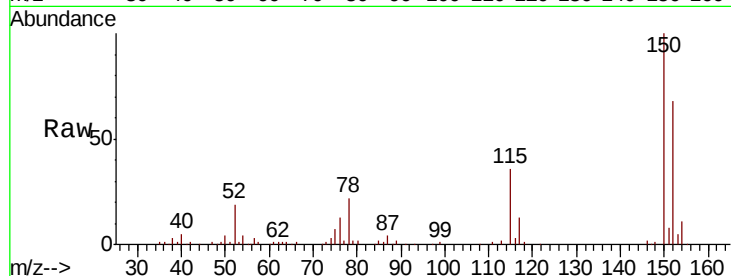
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

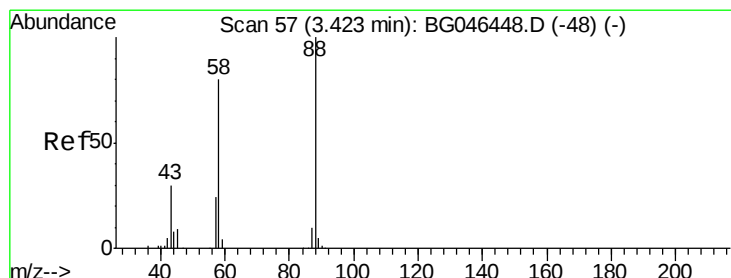
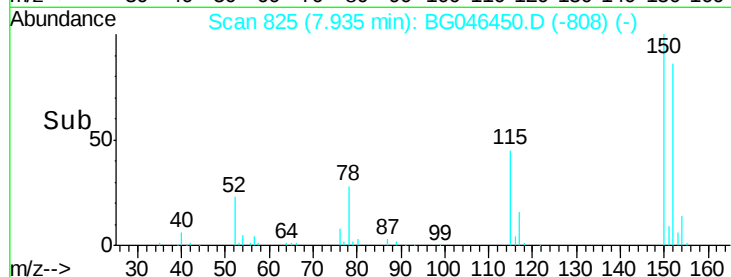
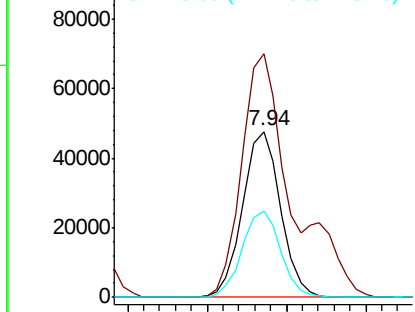
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	119.5	179.3
115	52.1	44.3	66.5

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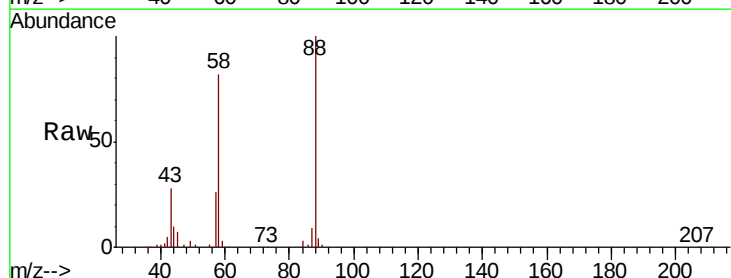
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



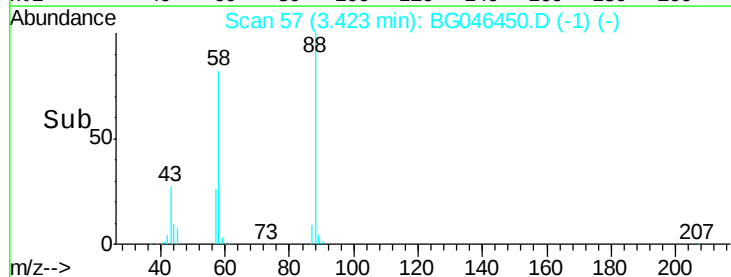
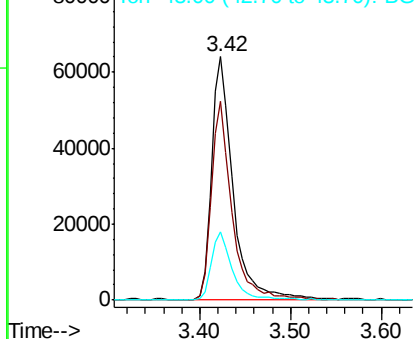
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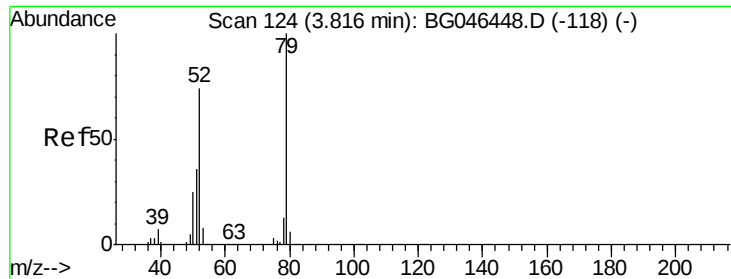
1,4-Dioxane
Concen: 51.030 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	61.4	92.2
43	27.4	21.6	32.4



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: 57.056 ng/ml

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

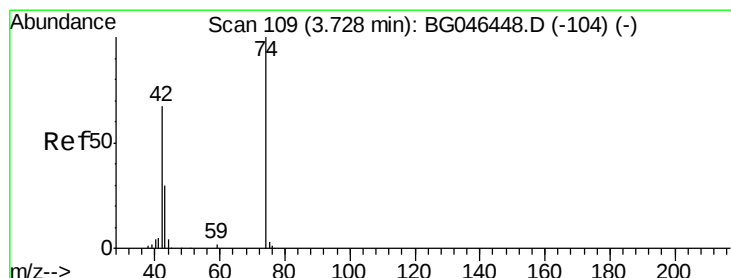
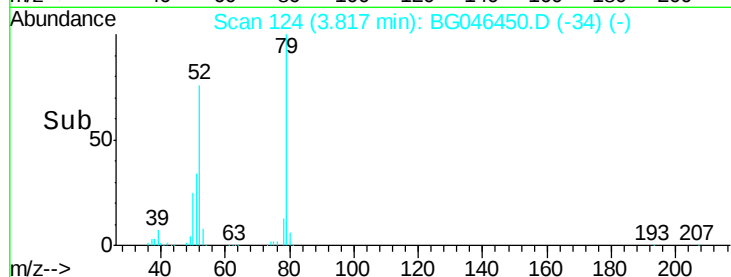
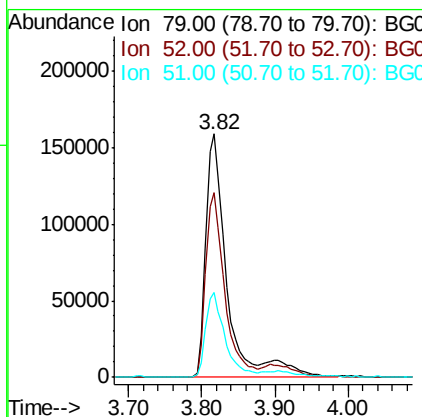
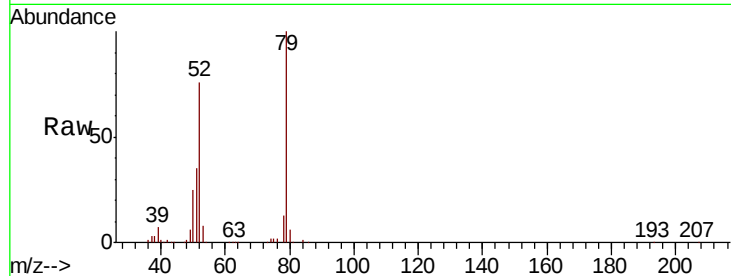
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	325379
Ion	Ratio	Lower	Upper
79	100		
52	76.1	59.1	88.7
51	35.0	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 50.702 ng/ml

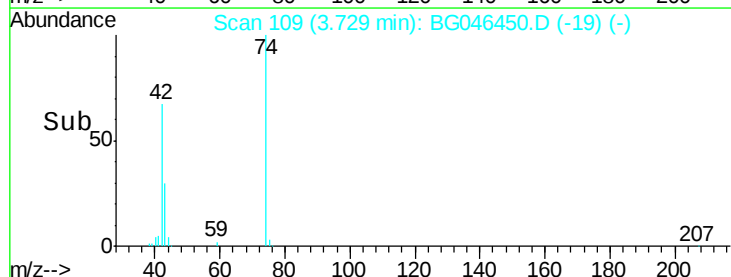
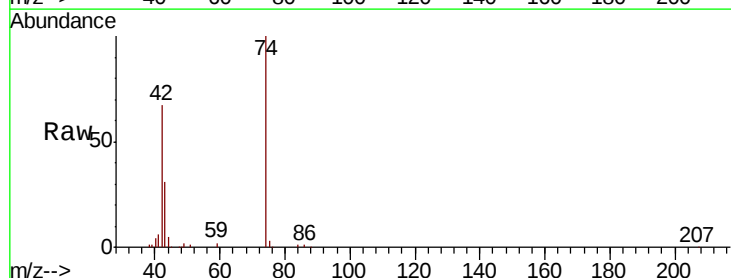
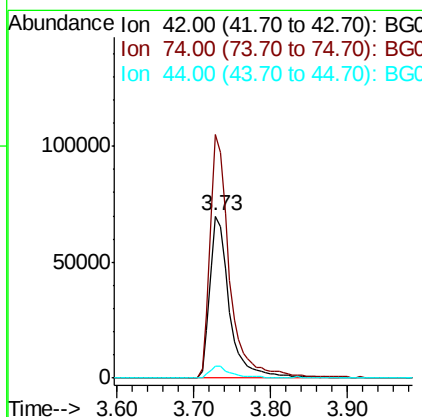
RT: 3.73 min Scan# 109

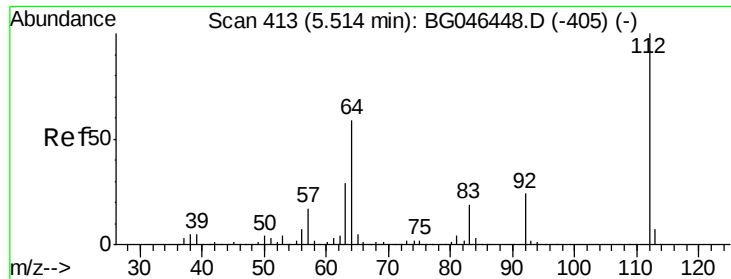
Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Tgt Ion:	42	Resp:	123060
Ion	Ratio	Lower	Upper
42	100		
74	150.3	119.5	179.3
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 112.715 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

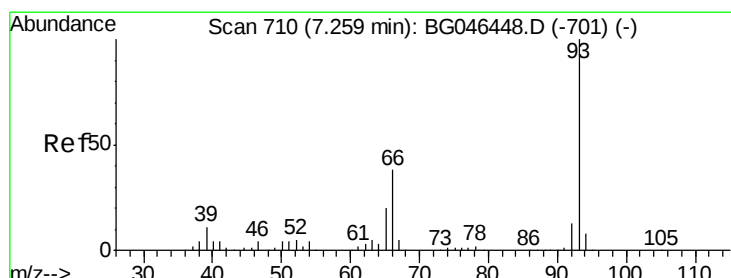
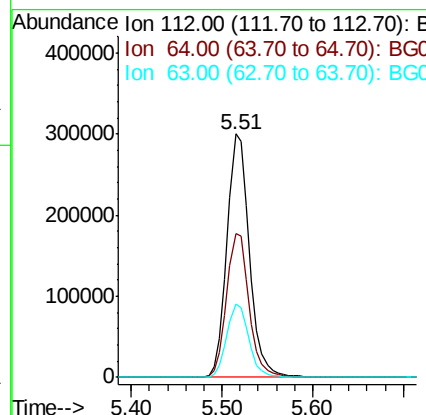
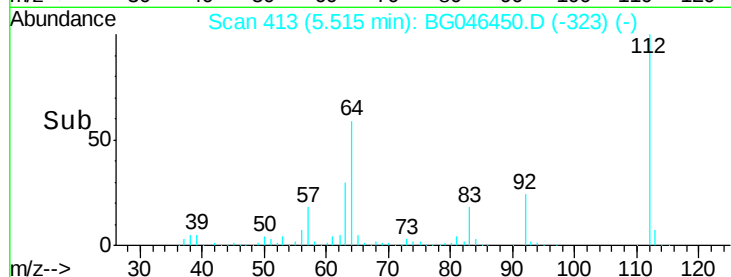
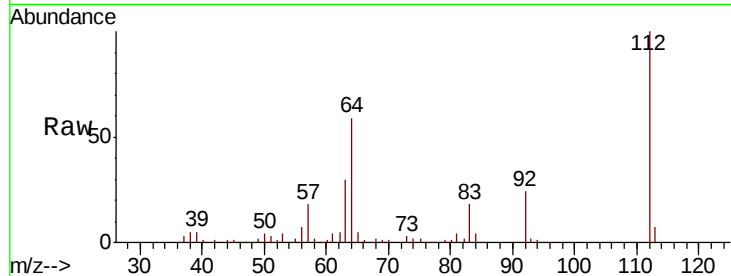
ClientSampleId :

SSTDIC060

Tot Ion:	112	Resp:	512995
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.0	70.6
63	29.9	23.5	35.3

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#6

Aniline

Concen: 57.053 ng

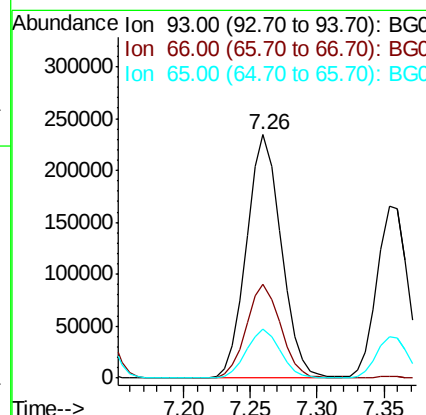
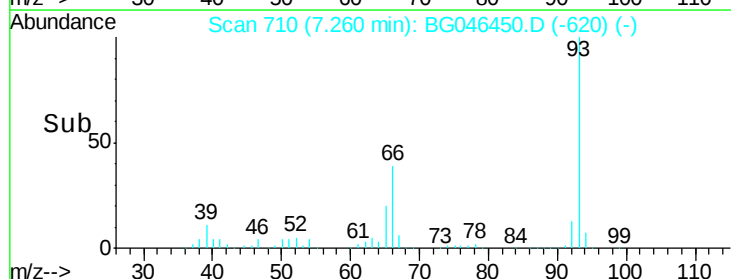
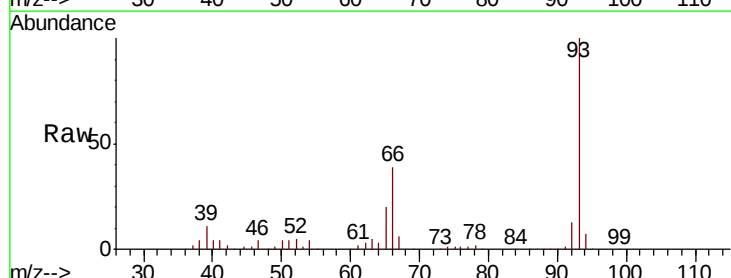
RT: 7.26 min Scan# 710

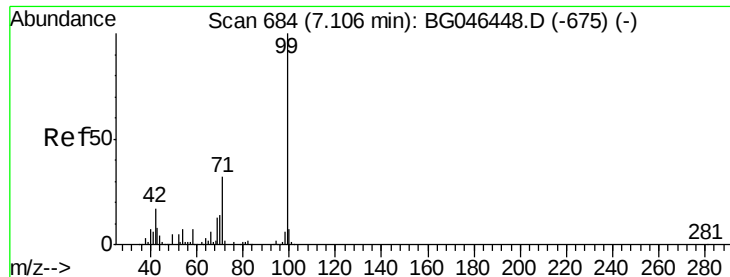
Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Tgt Ion:	93	Resp:	421257
Ion Ratio	Lower	Upper	
93	100		
66	38.8	30.4	45.6
65	20.2	15.8	23.6





#7

Phenol-d6

Concen: 117.439 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046450.D

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BNA_G

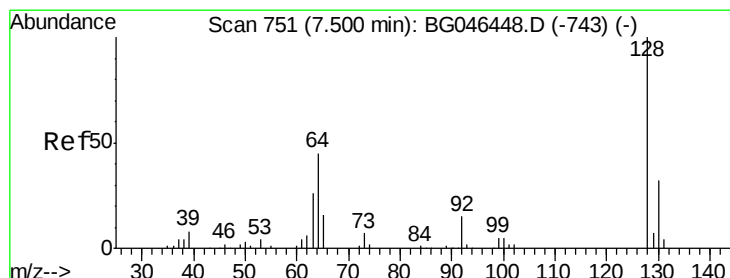
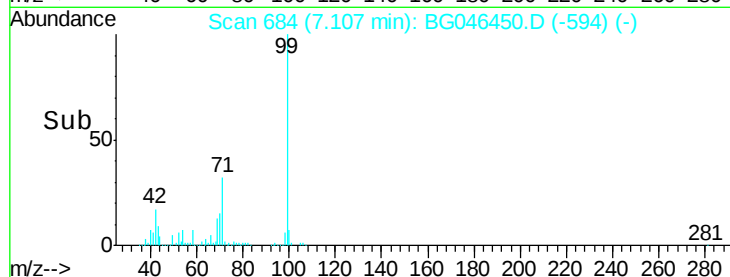
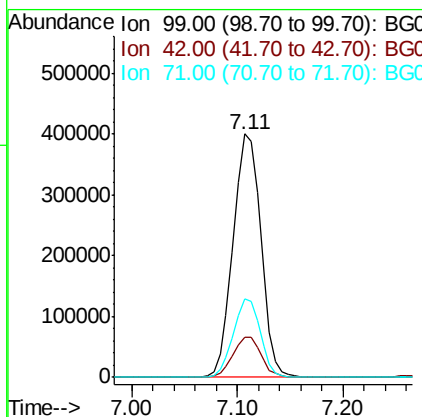
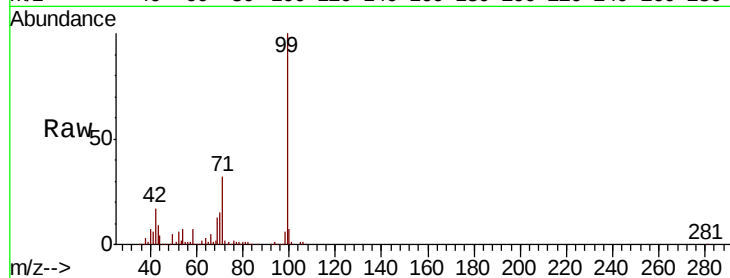
ClientSampleId :

SSTDICC060

Tot Ion:	99	Resp:	728450
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.3	19.9
71	32.3	25.3	37.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 53.502 ng

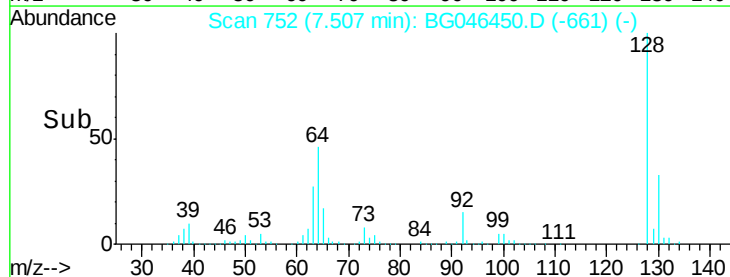
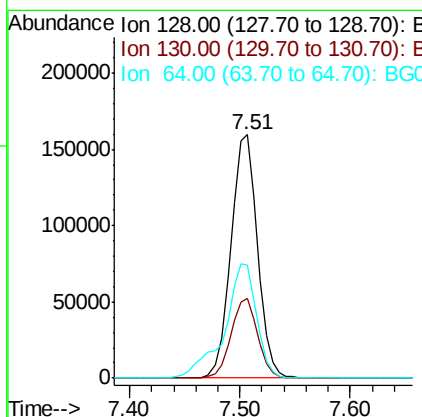
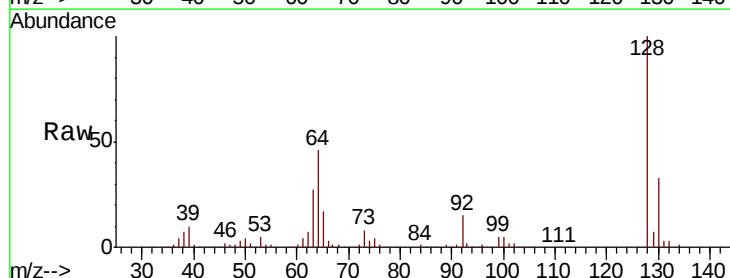
RT: 7.51 min Scan# 752

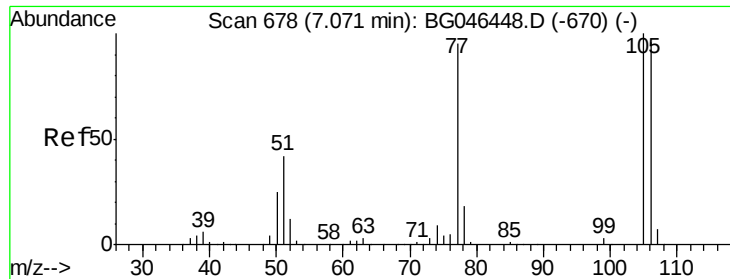
Delta R.T. 0.01 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Tgt Ion:	128	Resp:	269136
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.4	52.4
64	46.3	28.1	68.1





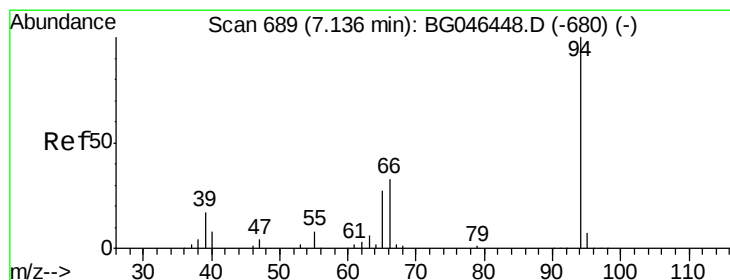
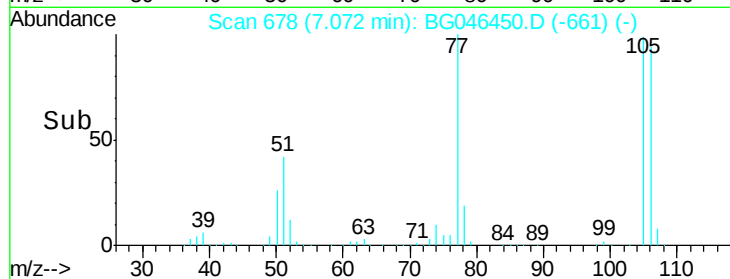
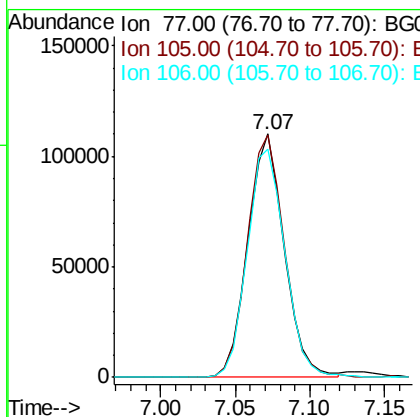
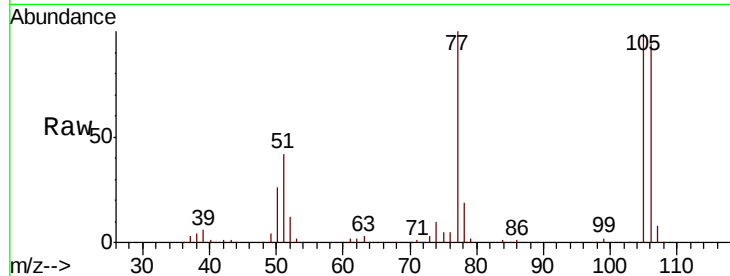
#9
Benzaldehyde
Concen: 50.261 ng
RT: 7.07 min Scan# 678
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.3	85.6	125.6
106	93.8	80.8	120.8

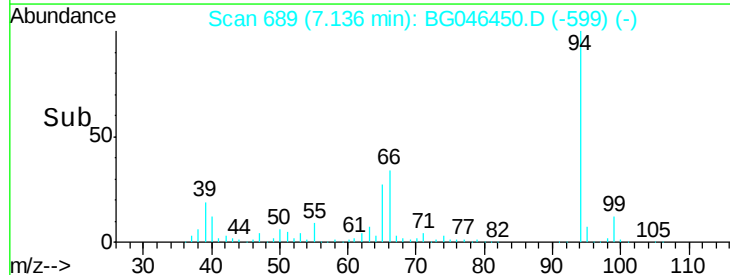
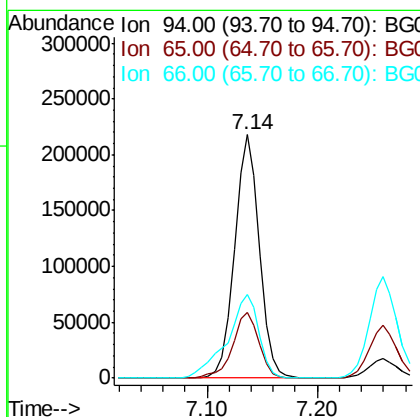
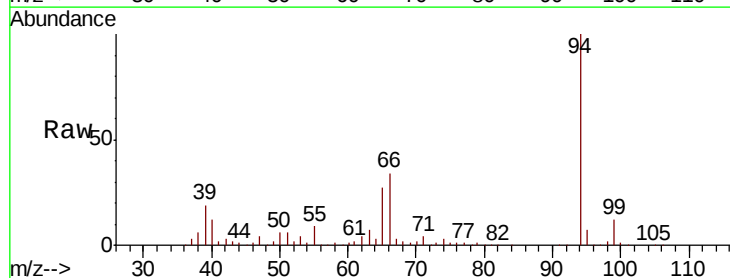
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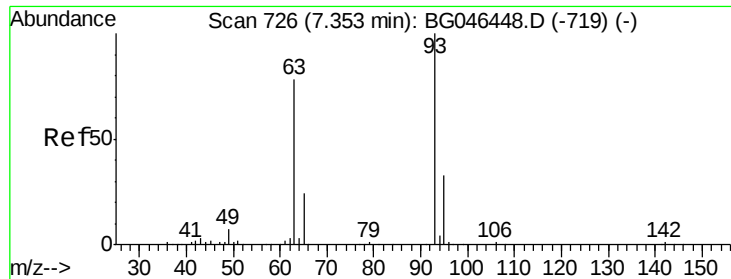
mohammad
8/26/2020 4:00:10 PM



#10
Phenol
Concen: 54.684 ng
RT: 7.14 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.5	47.5
66	34.3	14.1	54.1





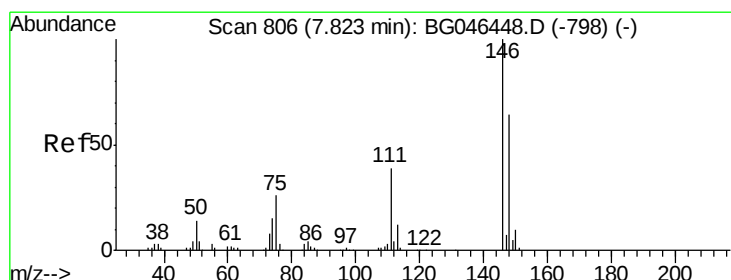
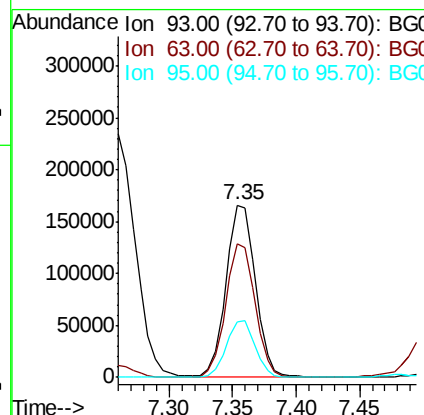
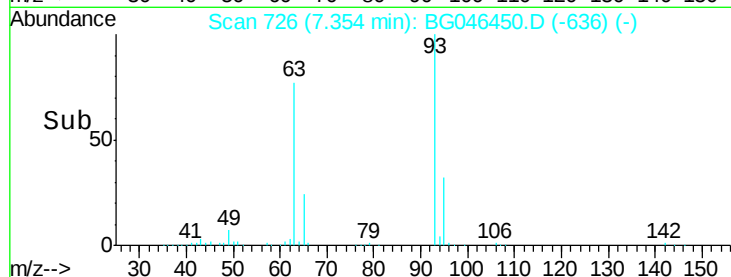
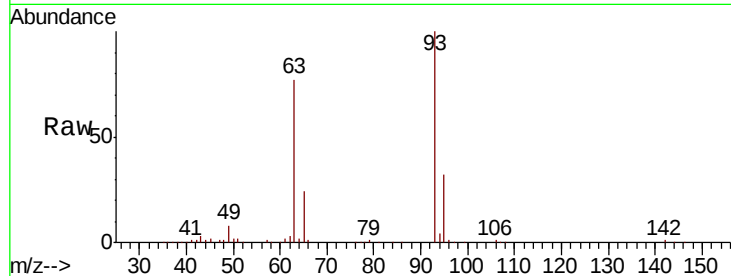
#11
bis(2-Chloroethyl)ether
Concen: 54.039 ng
RT: 7.35 min Scan# 726
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:	93	Resp:	267881
Ion	Ratio	Lower	Upper
93	100		
63	77.5	57.7	97.7
95	32.3	12.3	52.3

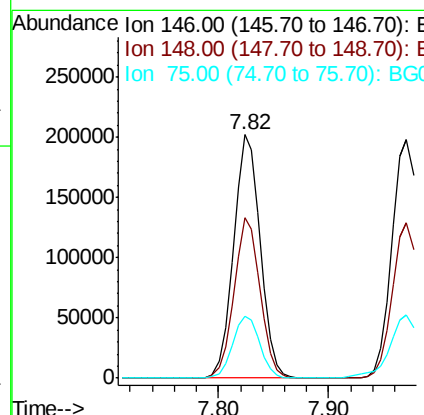
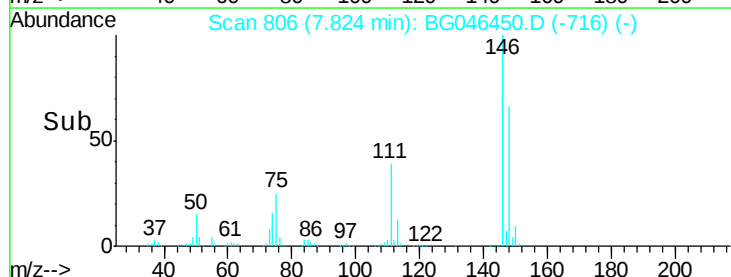
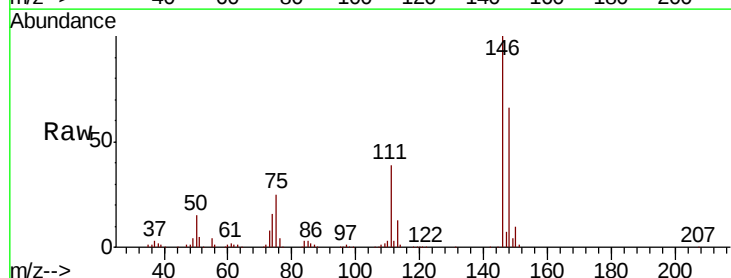
Manual Integrations
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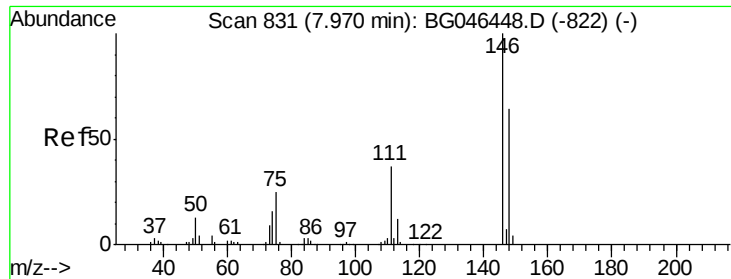
mohammad
8/26/2020 4:00:10 PM



#12
1,3-Dichlorobenzene
Concen: 55.923 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion:	146	Resp:	340983
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	25.5	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 55.409 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

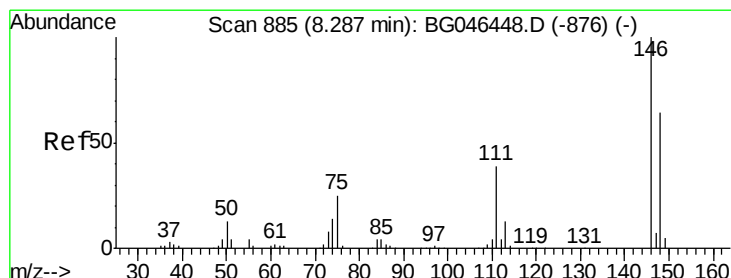
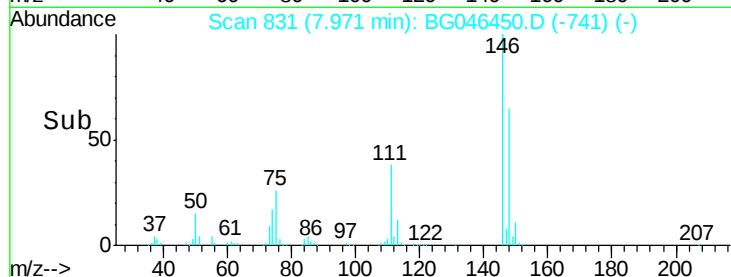
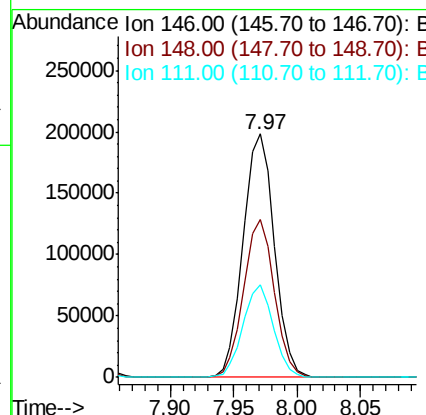
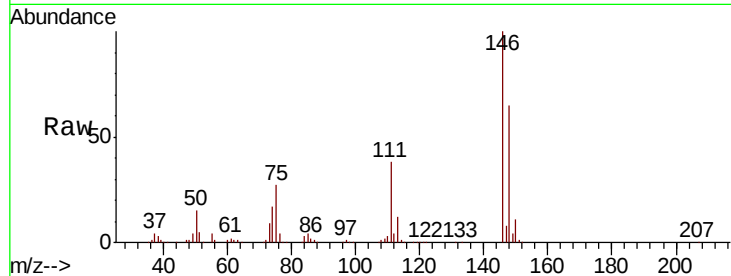
ClientSampleId :

SSTDIC060

Tot Ion:	146	Resp:	339253
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.9	76.3
111	37.9	29.8	44.6

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#14

1,2-Dichlorobenzene

Concen: 55.898 ng

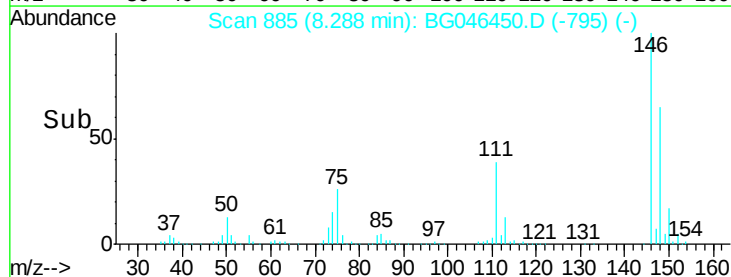
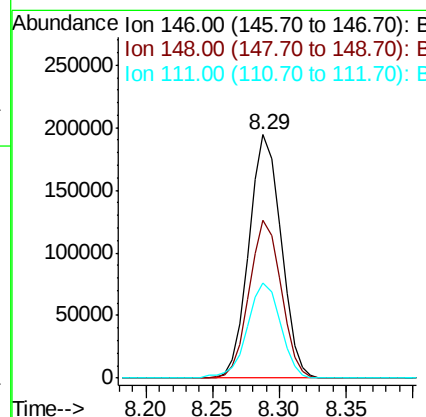
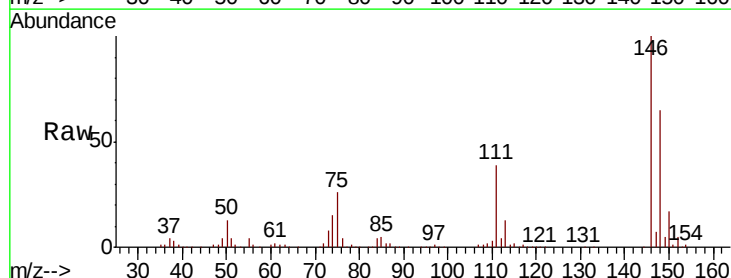
RT: 8.29 min Scan# 885

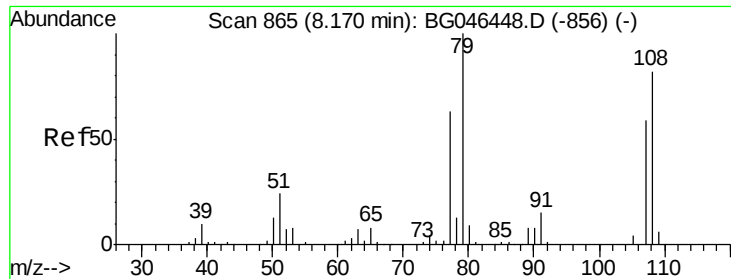
Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Tgt Ion:	146	Resp:	322775
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.0
111	39.3	31.4	47.2





#15

Benzyl Alcohol

Concen: 57.825 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

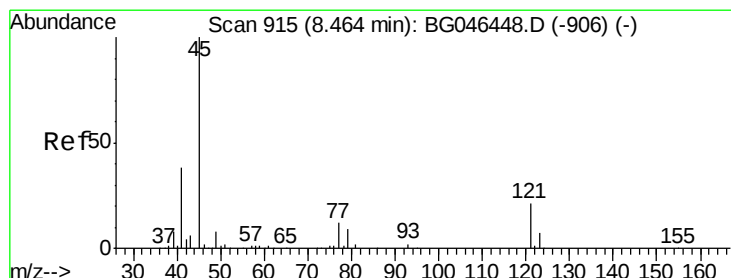
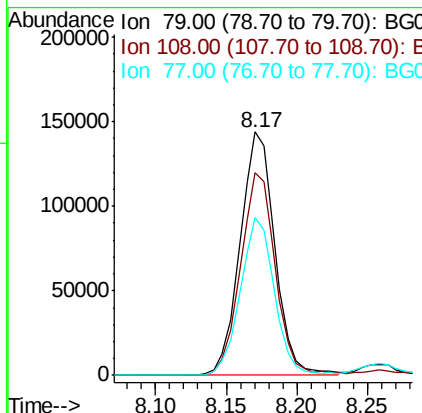
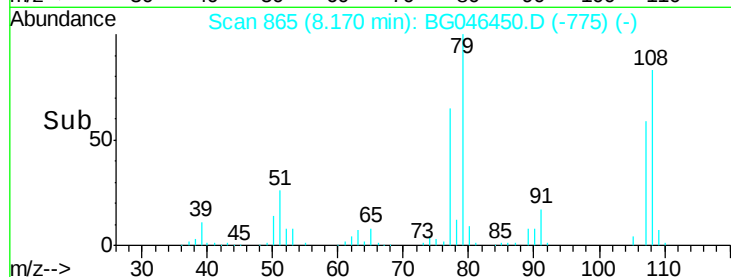
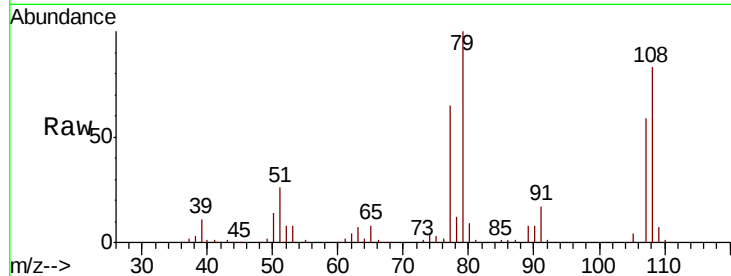
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	247791
Ion Ratio	Lower	Upper	
79	100		
108	83.1	65.7	98.5
77	64.6	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.432 ng

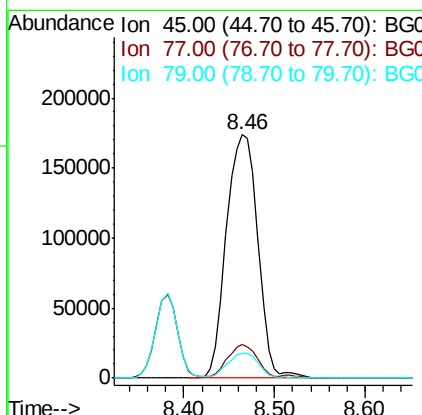
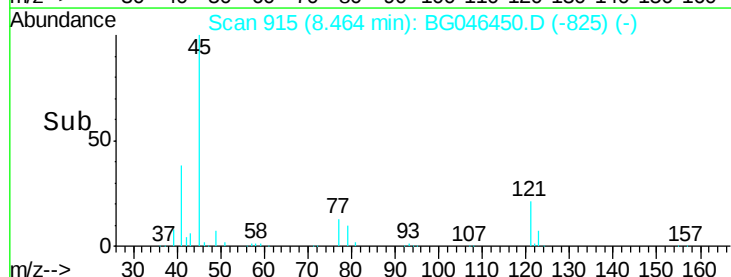
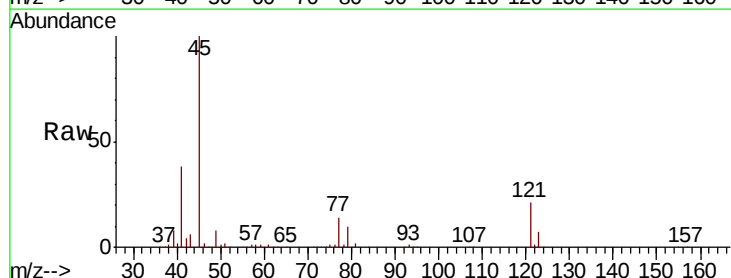
RT: 8.46 min Scan# 915

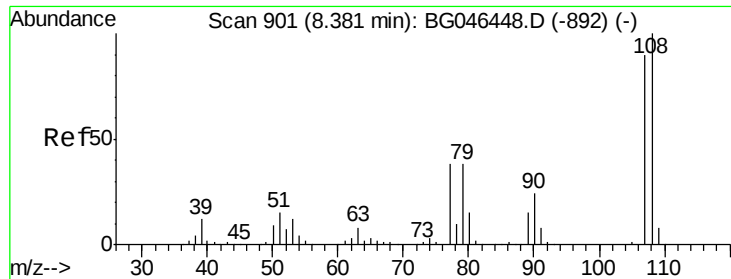
Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Tgt Ion:	45	Resp:	417996
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.2
79	10.3	0.0	30.3





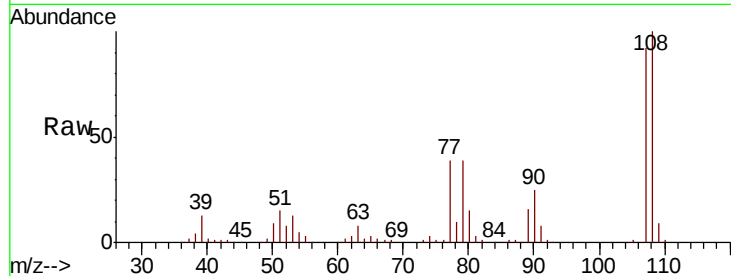
#17
2-Methylphenol
Concen: 57.695 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

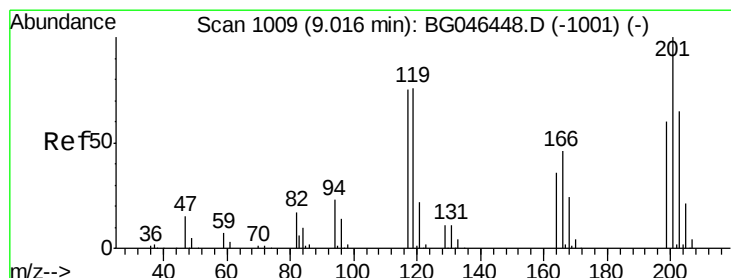
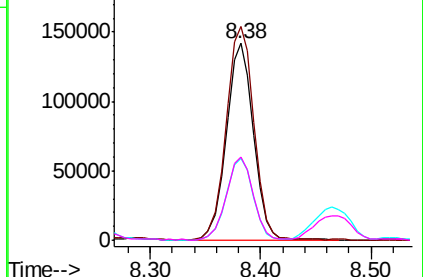
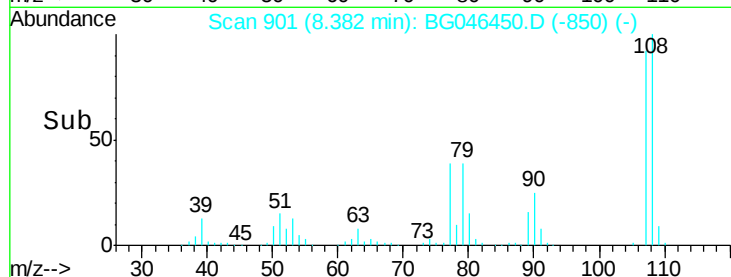
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	89.4	134.0	
77	42.0	34.5	51.7	
79	42.5	33.8	50.6	

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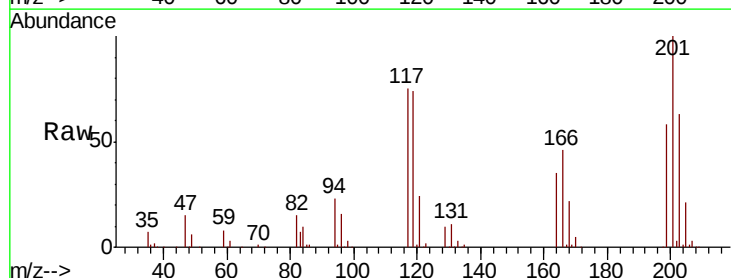


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

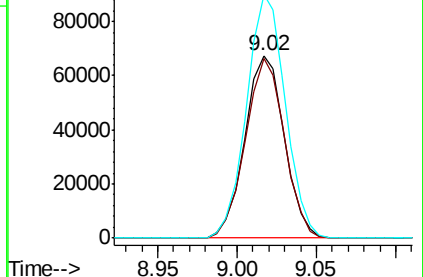
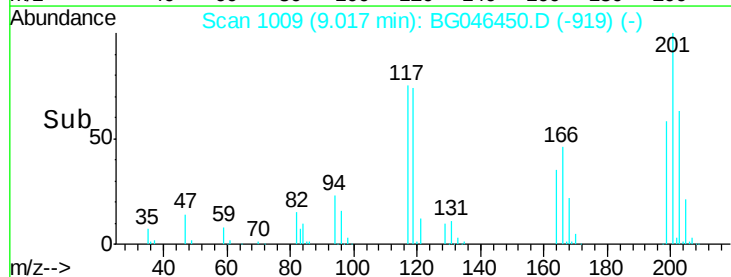


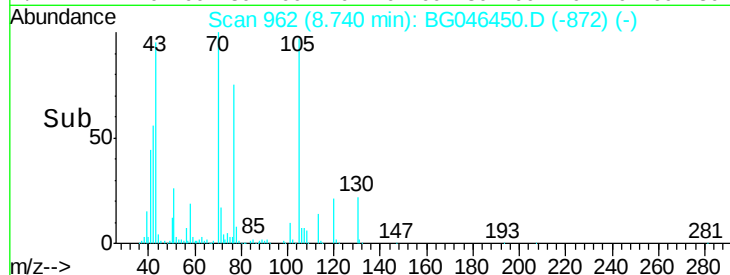
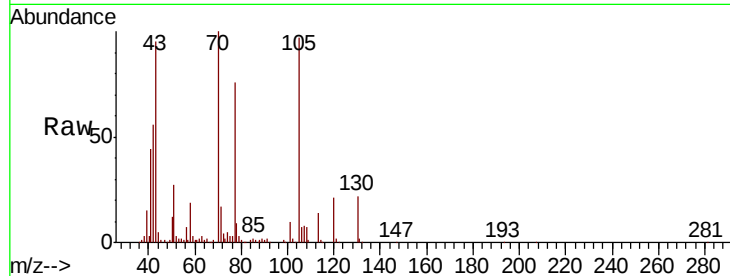
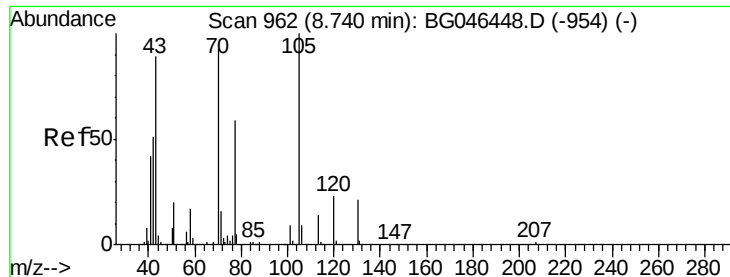
#18
Hexachloroethane
Concen: 57.051 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	80.8	121.2	
201	133.2	106.7	160.1	



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





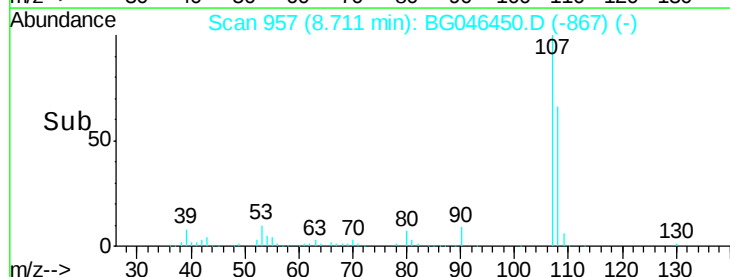
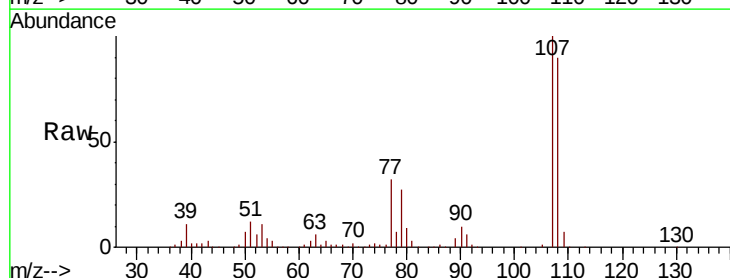
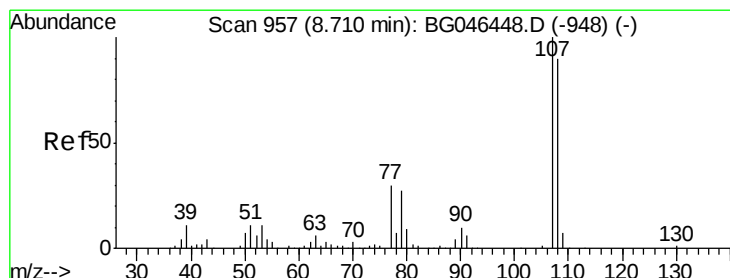
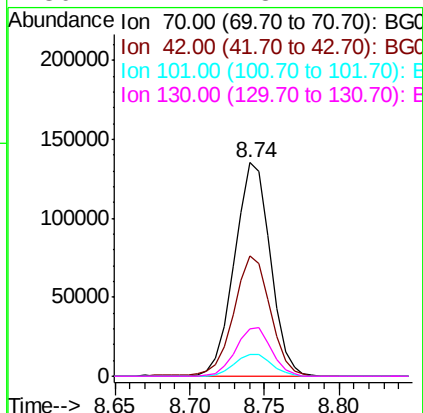
#19
n-Nitroso-di-n-propylamine
Concen: 55.746 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	44.2	66.2	
101	10.3	7.8	11.8	
130	22.2	18.2	27.4	

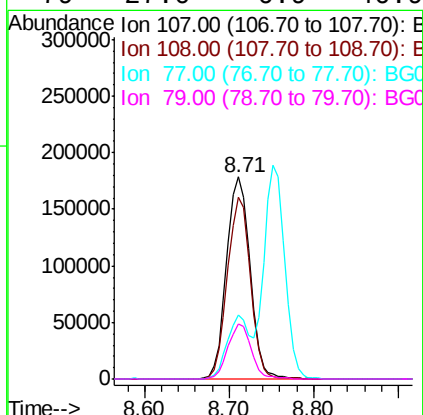
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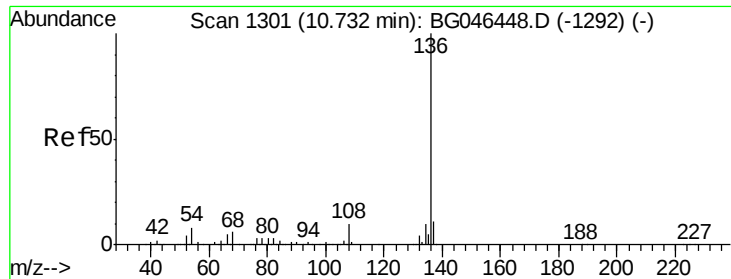
mohammad
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#20
3+4-Methylphenols
Concen: 59.477 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	69.7	109.7	
77	32.0	9.7	49.7	
79	27.0	6.9	46.9	





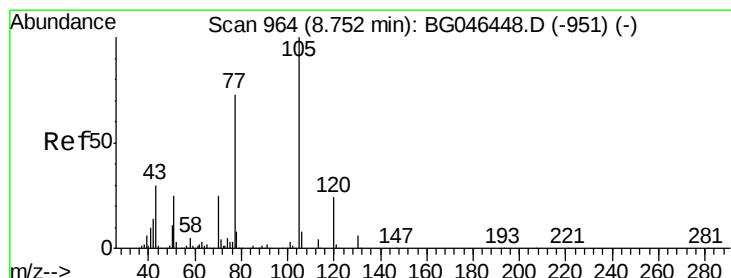
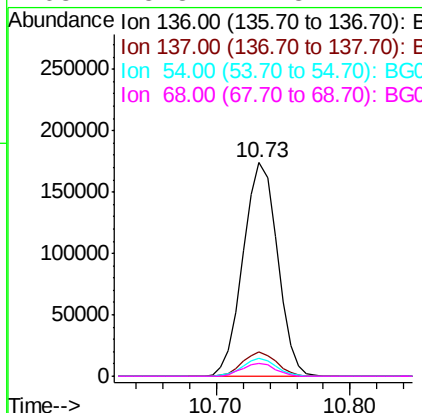
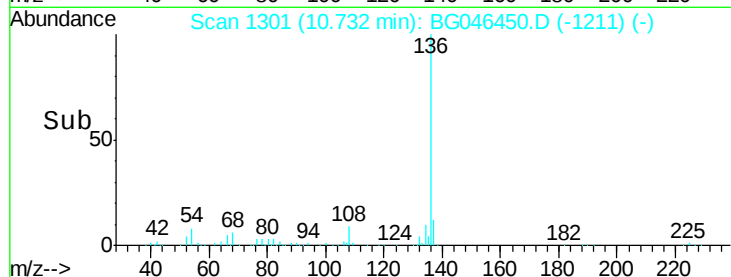
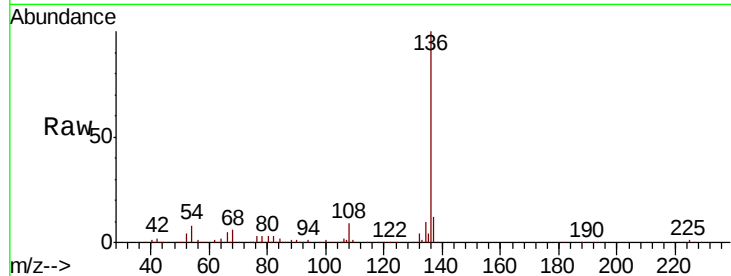
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	309534		
137	11.5		8.8	13.2
54	8.4		6.1	9.1
68	5.8		4.8	7.2

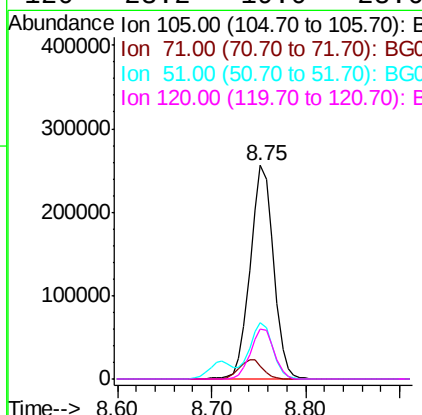
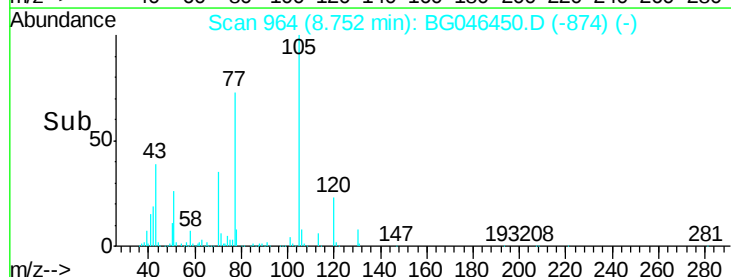
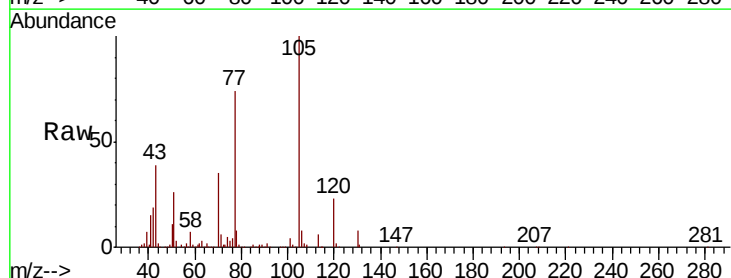
Manual Integrations
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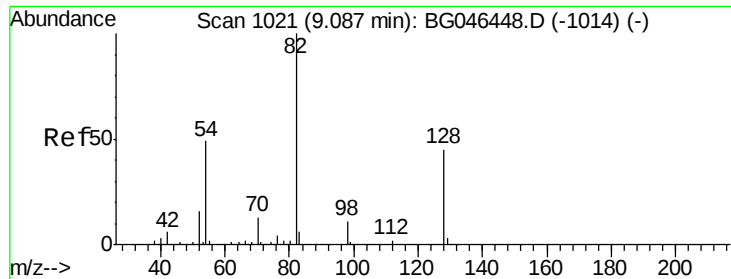
mohammad
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#22
Acetophenone
Concen: 55.479 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	440715		
71	6.1		3.3	4.9#
51	26.3		20.6	31.0
120	23.2		19.0	28.6





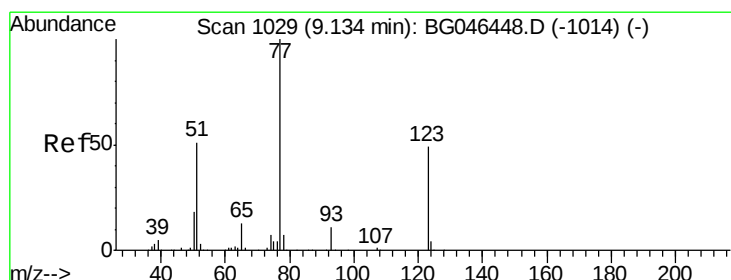
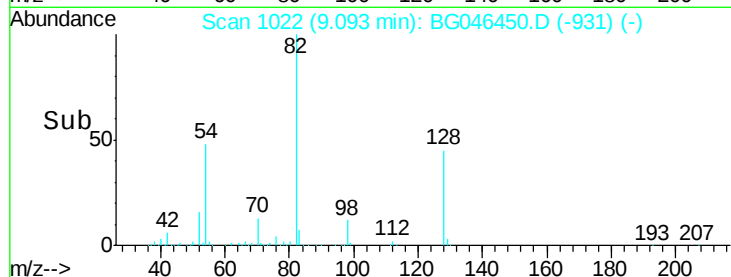
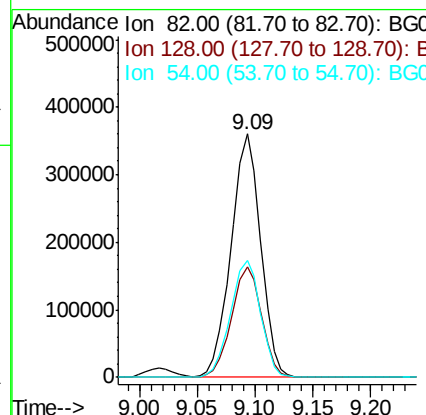
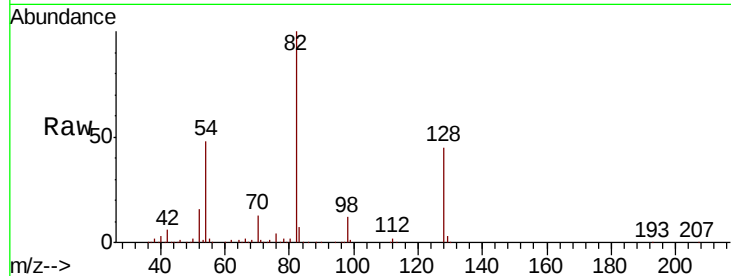
#23
Nitrobenzene-d5
Concen: 111.688 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	82	Resp	638522
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	48.0	39.4	59.0

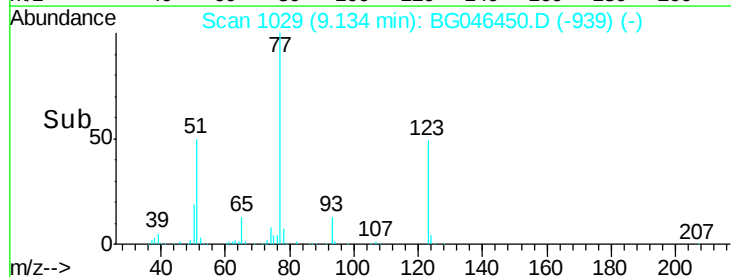
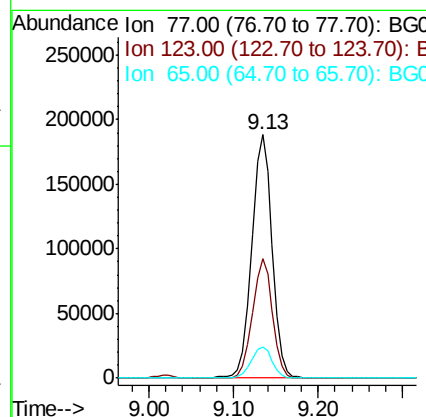
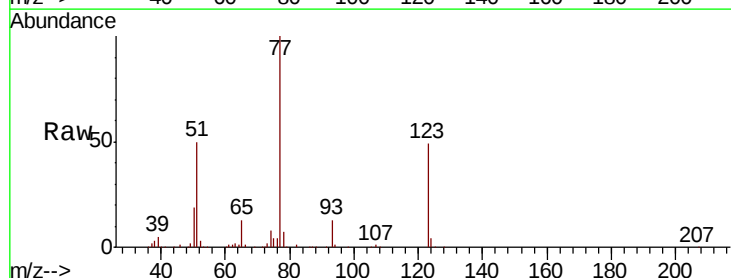
Manual Integrations
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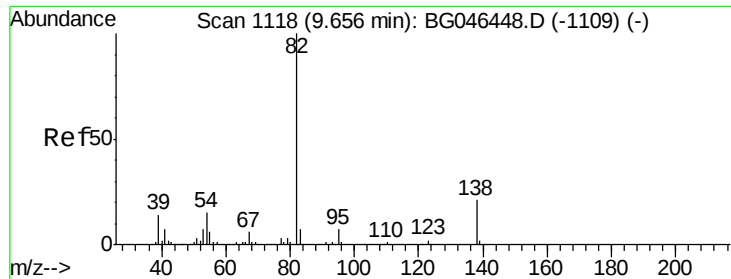
mohammad
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#24
Nitrobenzene
Concen: 51.866 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	77	Resp	316140
Ion Ratio	100	Lower	Upper
77	100		
123	49.2	39.6	59.4
65	12.7	10.1	15.1





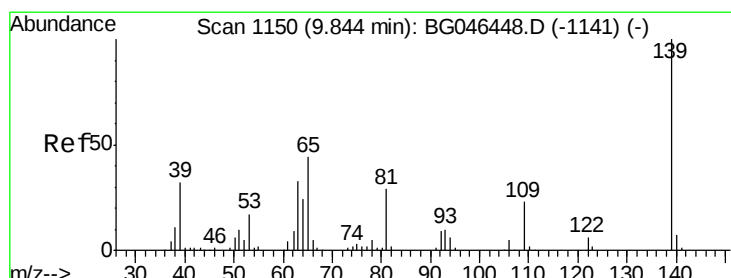
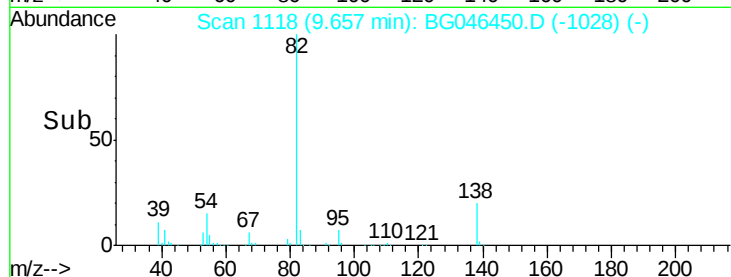
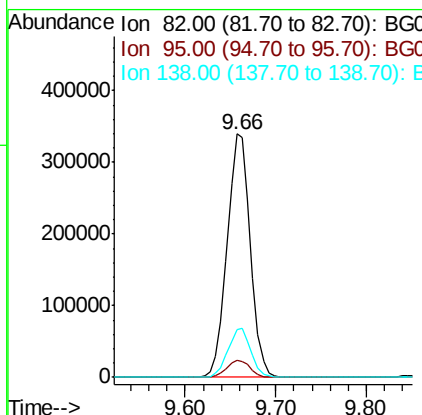
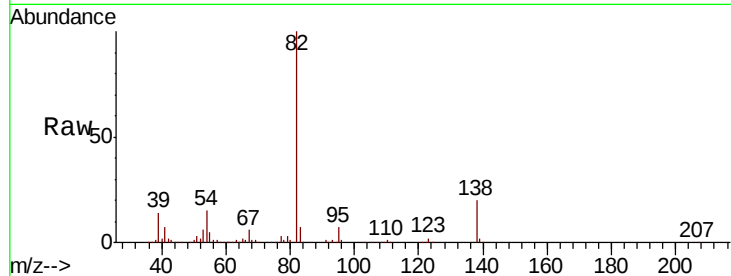
#25
Isophorone
Concen: 52.941 ng
RT: 9.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
82	100	602245		
95	6.9		5.8	8.6
138	19.5		16.4	24.6

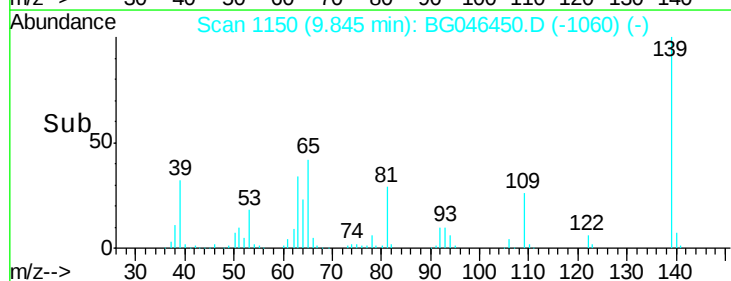
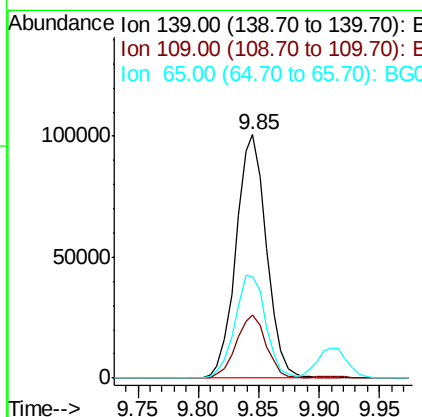
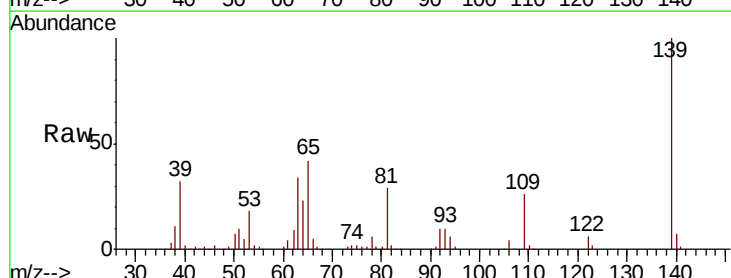
Manual Integrations
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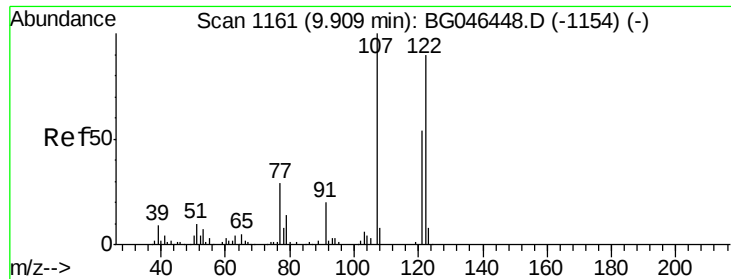
mohammad
8/26/2020 4:00:10 PM



#26
2-Nitrophenol
Concen: 64.007 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	176818		
109	26.1		18.8	28.2
65	41.6		35.0	52.6





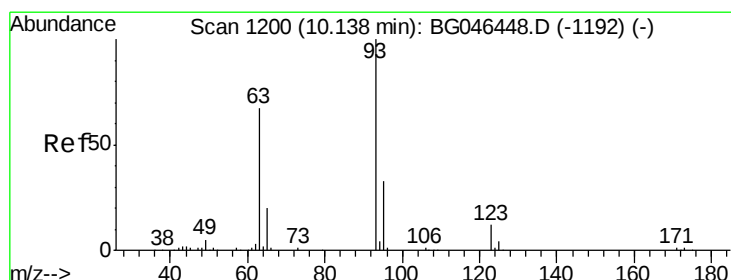
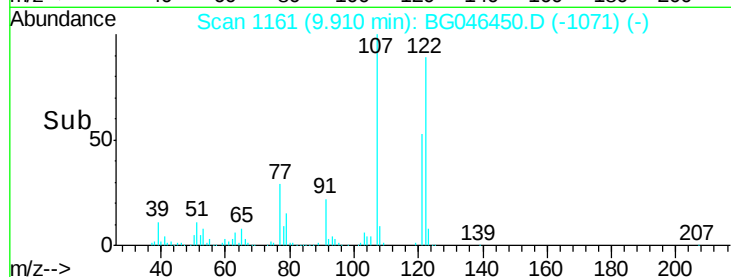
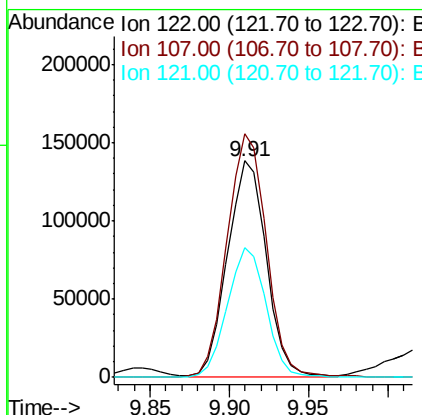
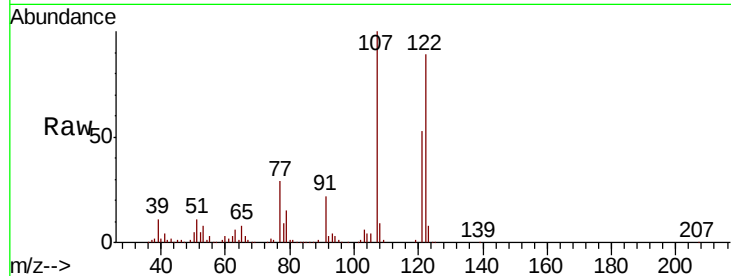
#27
 2,4-Dimethylphenol
 Concen: 52.233 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	234756		
107	112.4	88.2	132.2	
121	59.9	47.4	71.0	

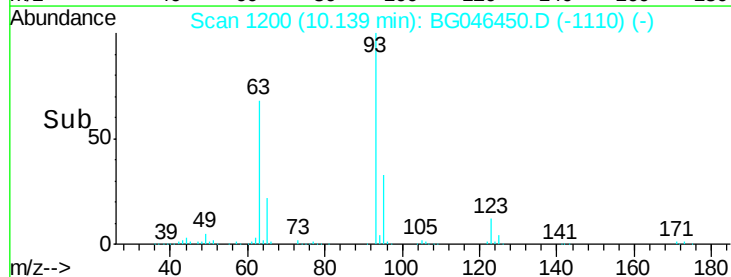
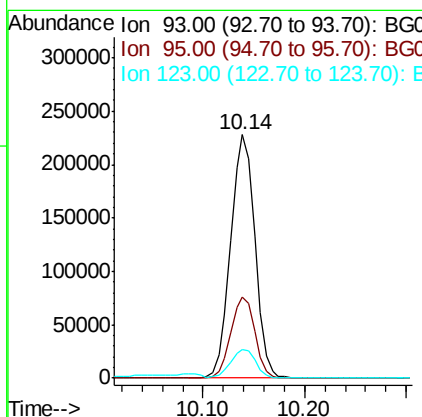
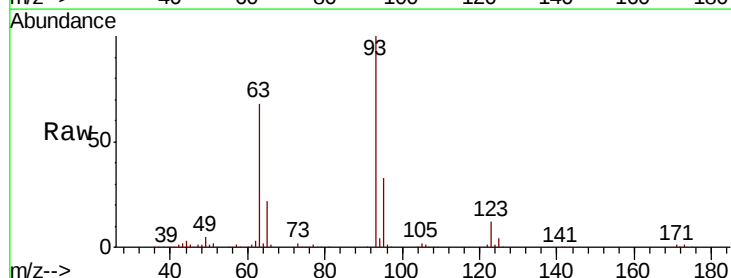
Manual Integrations
 APPROVED

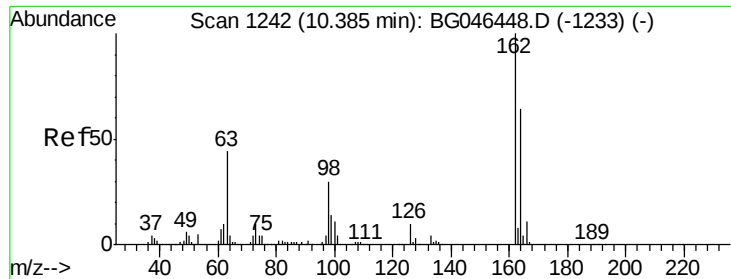
mohammad
 8/26/2020 4:00:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.973 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	377149		
95	33.2	26.1	39.1	
123	11.6	9.5	14.3	





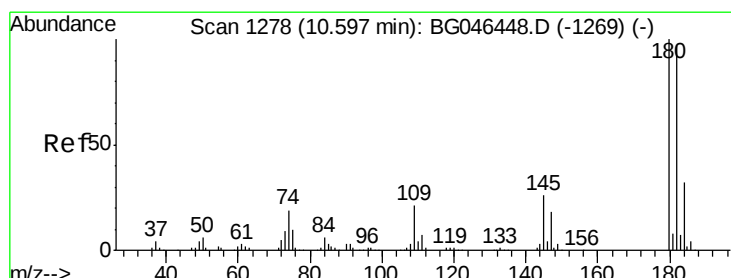
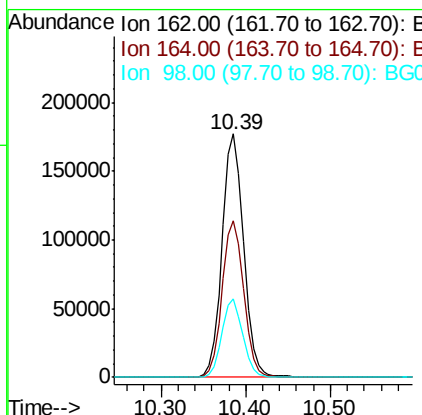
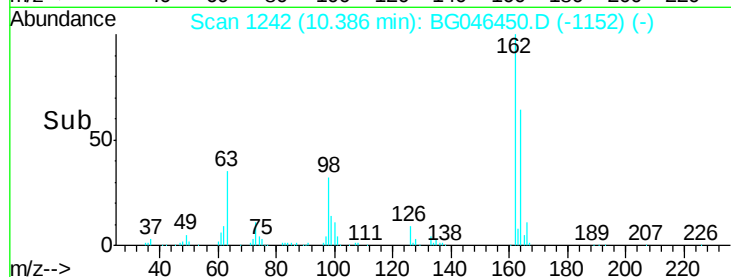
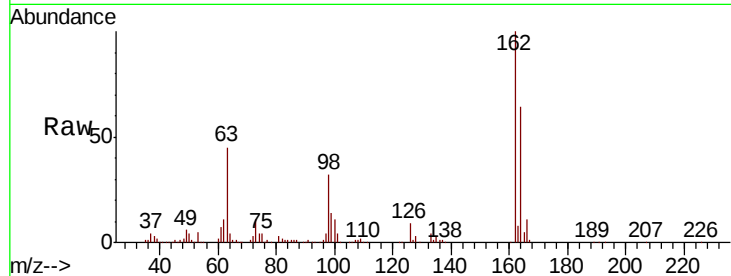
#29
 2,4-Dichlorophenol
 Concen: 59.114 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	44.3	84.3	
98	32.3	10.0	50.0	

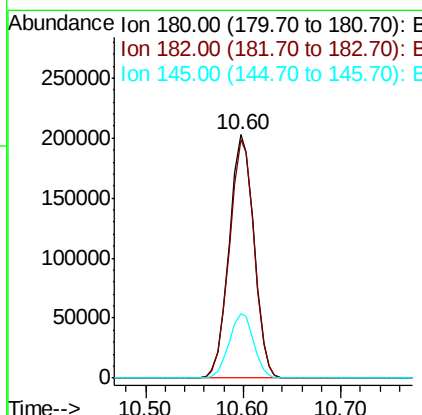
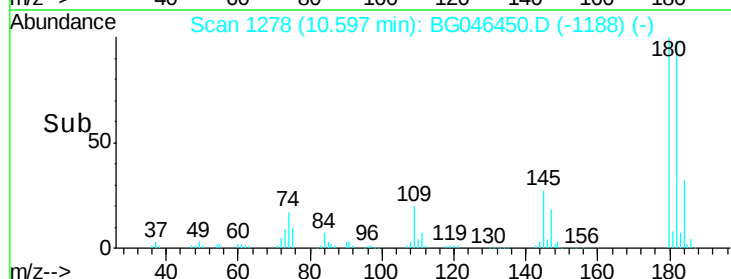
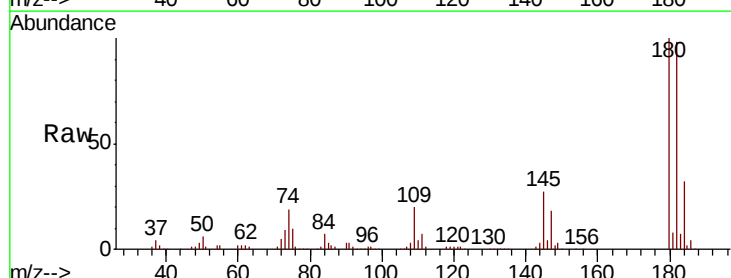
Manual Integrations
 APPROVED

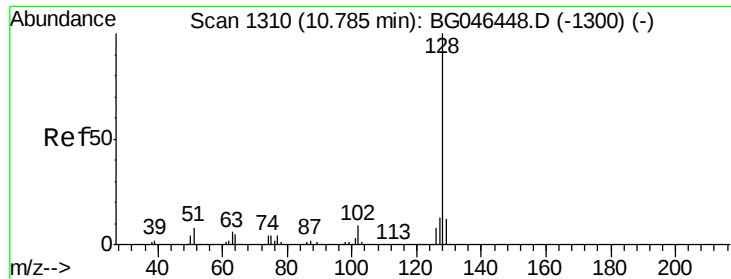
mohammad
 8/26/2020 4:00:10 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 57.742 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.9	77.8	116.8	
145	26.6	20.9	31.3	





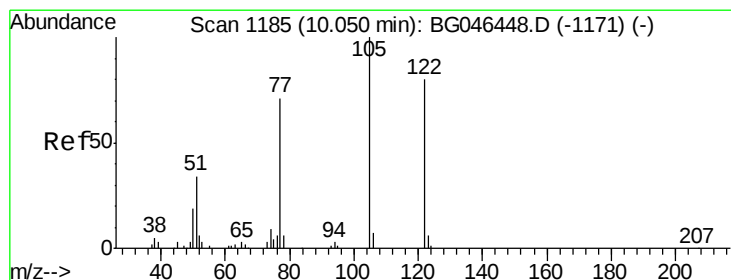
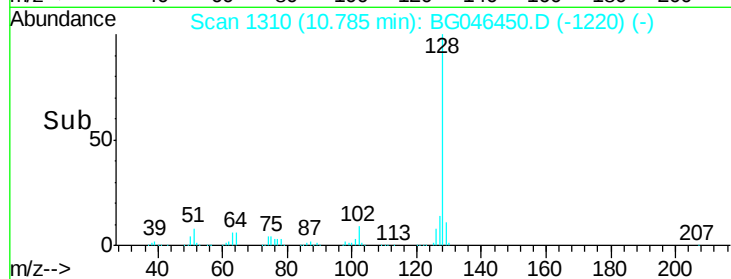
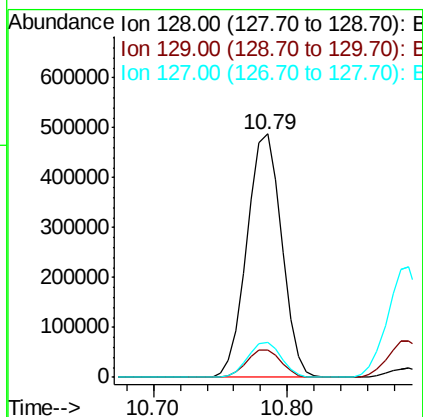
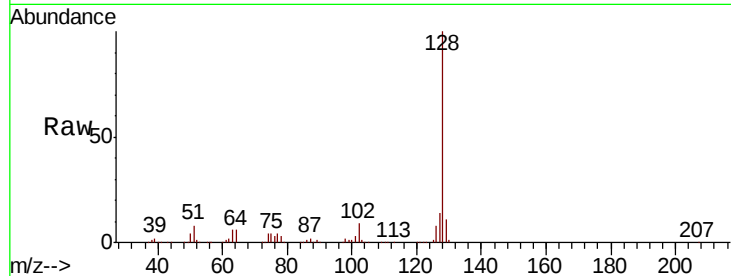
#31
Naphthalene
Concen: 53.423 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.3	10.7	16.1

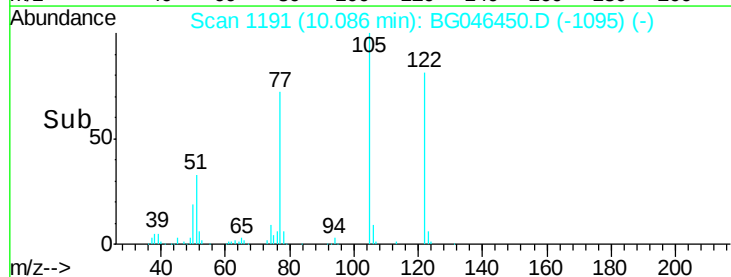
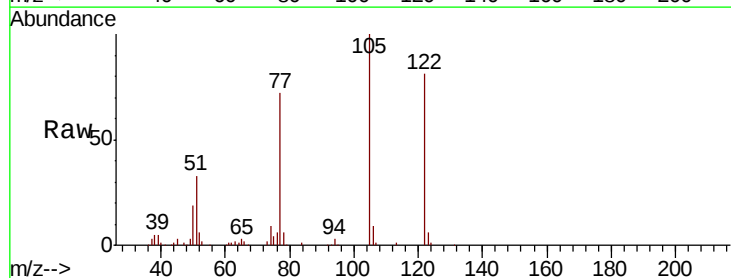
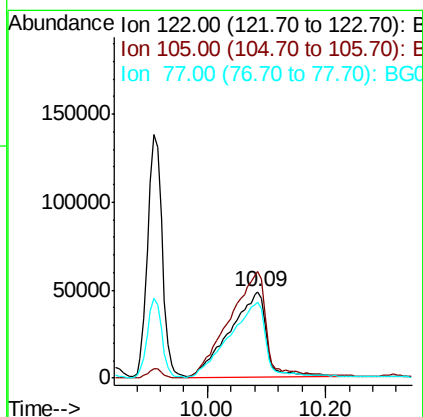
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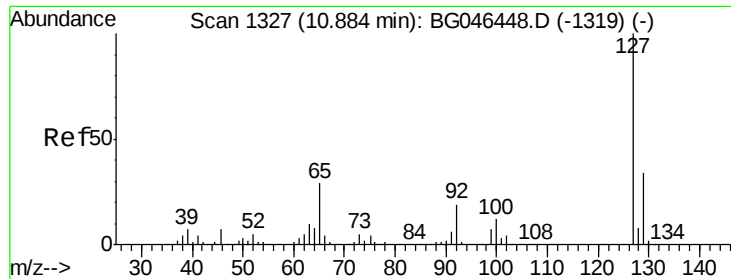
mohammad
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#32
Benzoic acid
Concen: 75.525 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.04 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	102.5	142.5
77	88.6	68.2	108.2





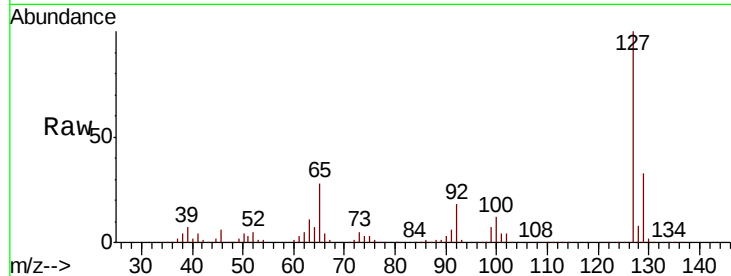
#33
4-Chloroaniline
Concen: 61.161 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

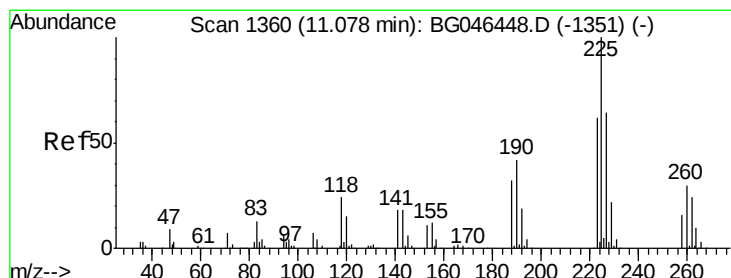
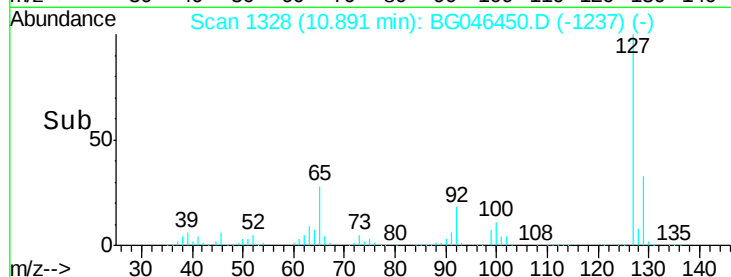
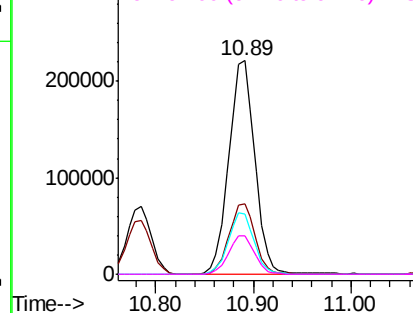
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	27.0	40.4		
65	28.0	23.5	35.3		
92	17.9	14.9	22.3		

Manual Integrations
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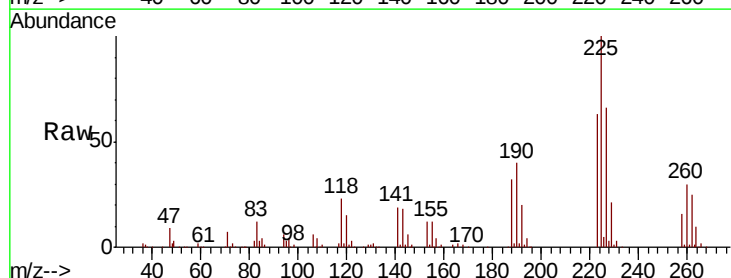


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

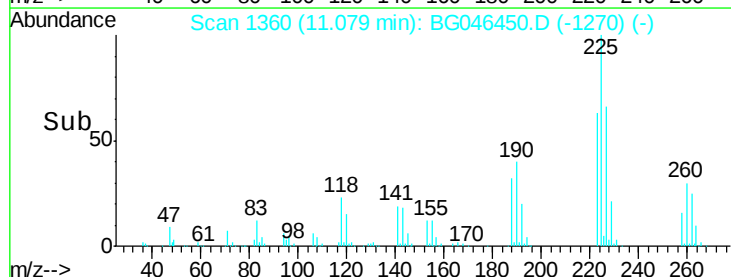
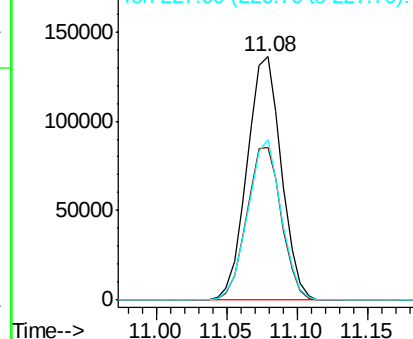


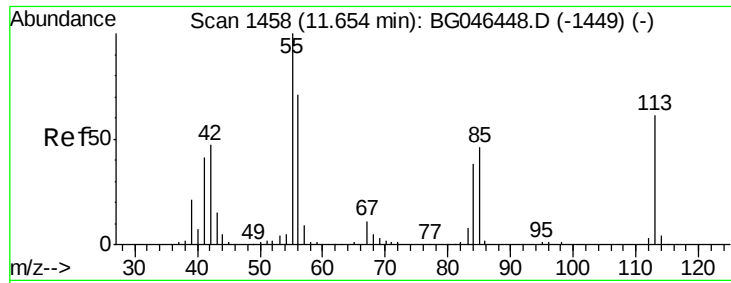
#34
Hexachlorobutadiene
Concen: 56.214 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.9	74.9		
227	65.7	51.6	77.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





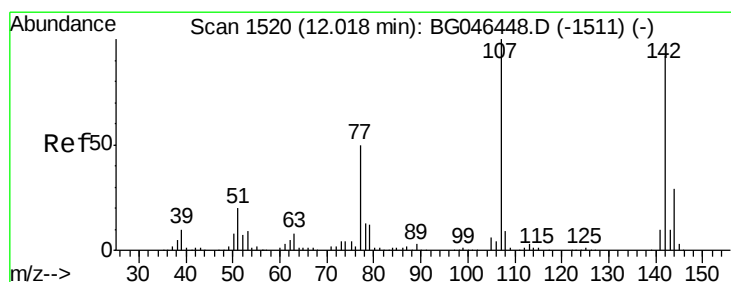
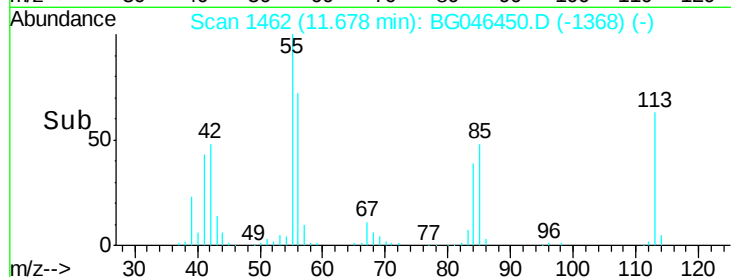
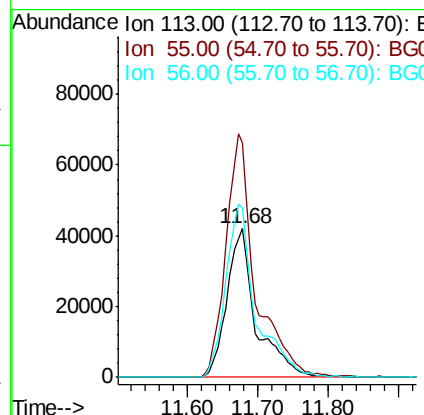
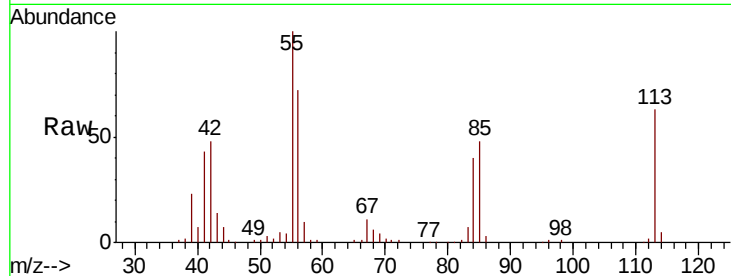
#35
 Caprolactam
 Concen: 69.791 ng
 RT: 11.68 min Scan# 1462
 Delta R.T. 0.02 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	158.4	144.2	184.2		
56	114.4	97.0	137.0		

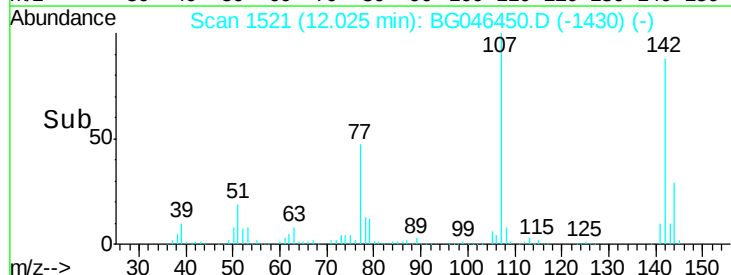
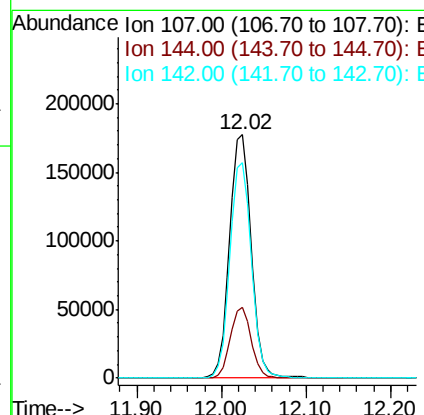
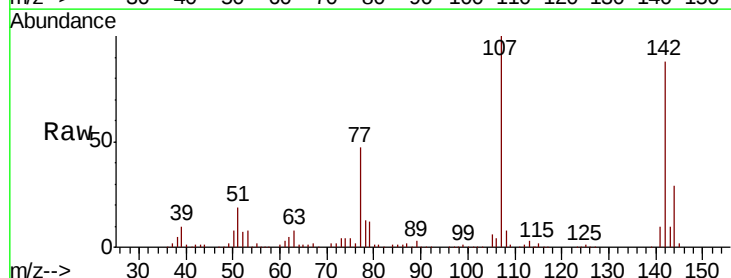
Manual Integrations
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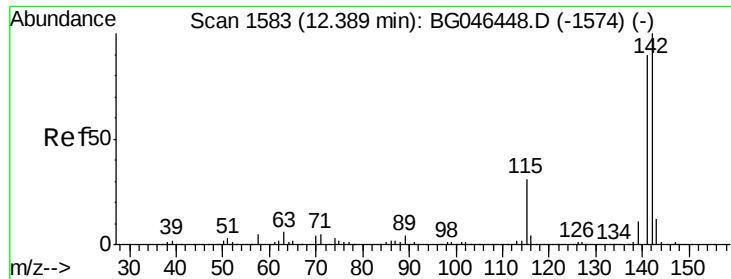
mohammad
 8/26/2020 4:00:10 PM



#36
 4-Chloro-3-methylphenol
 Concen: 60.394 ng
 RT: 12.02 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	29.3	23.3	34.9		
142	88.4	73.7	110.5		





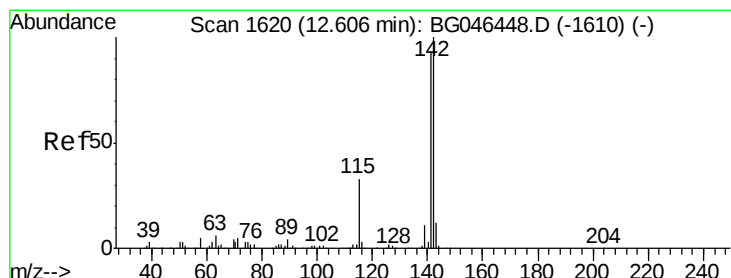
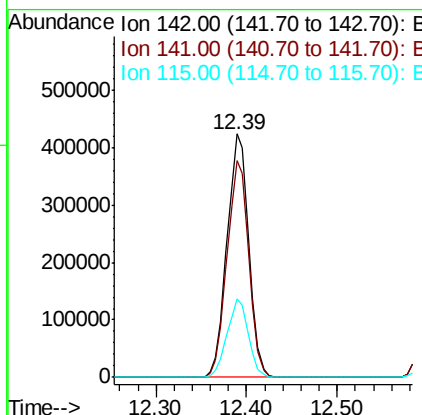
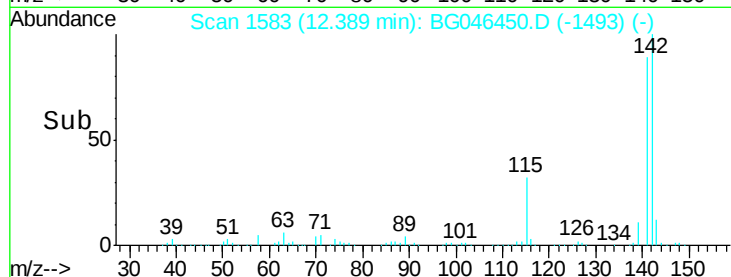
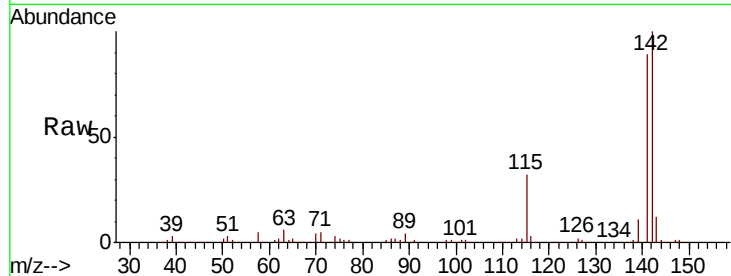
#37
2-Methylnaphthalene
Concen: 55.900 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.1	108.1
115	32.0	24.9	37.3

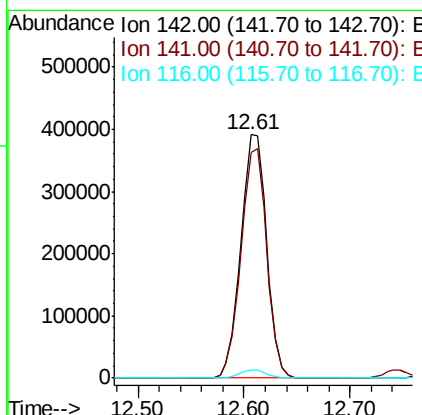
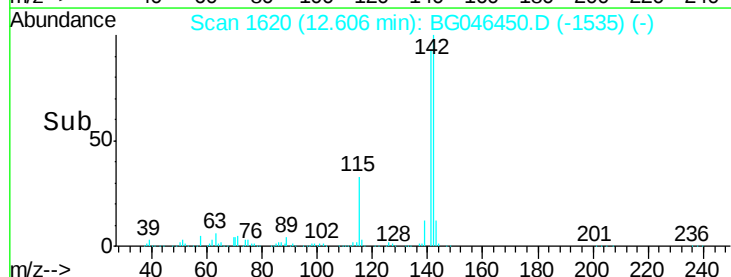
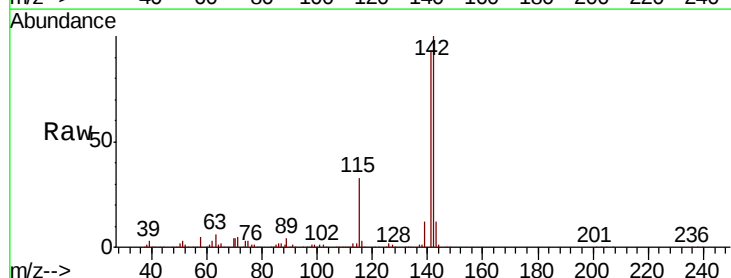
Manual Integrations
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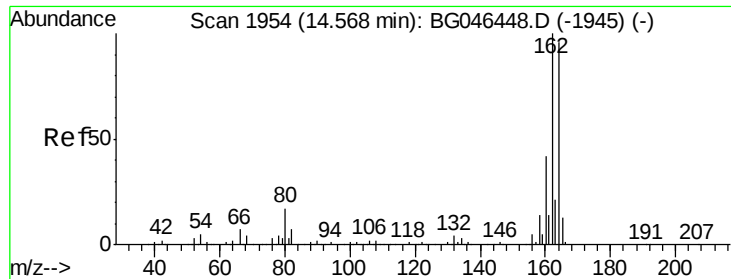
mohammad
8/26/2020 4:00:10 PM



#38
1-Methylnaphthalene
Concen: 55.550 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	3.5	2.6	4.0





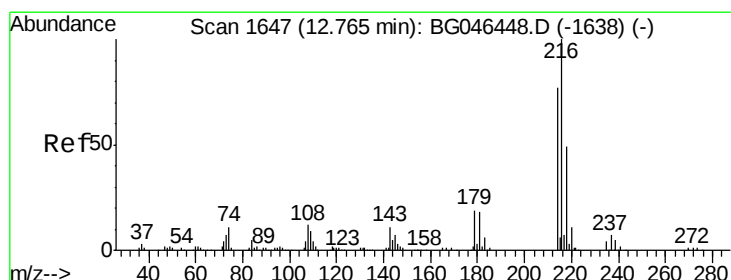
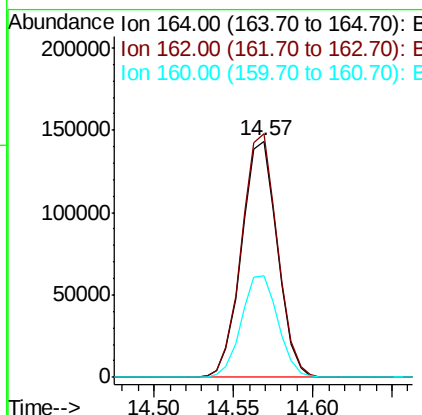
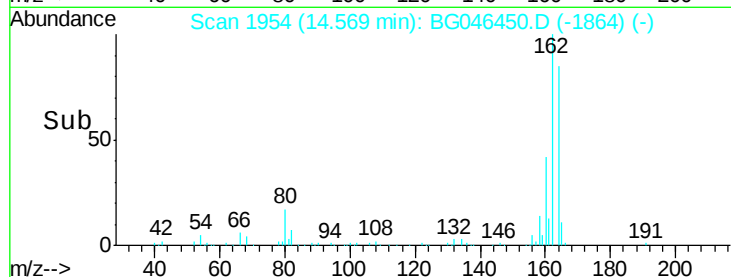
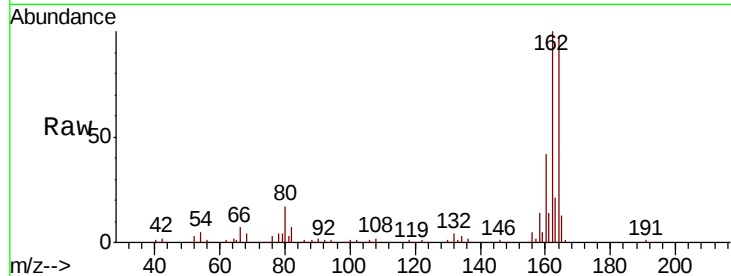
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.3	124.9
160	42.9	35.0	52.6

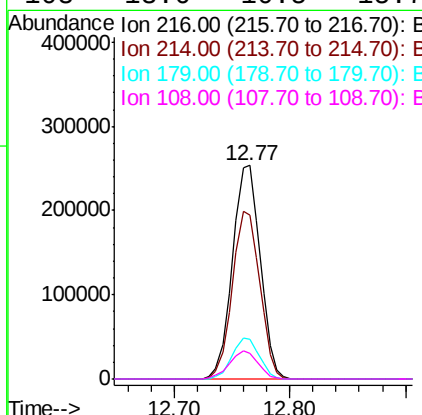
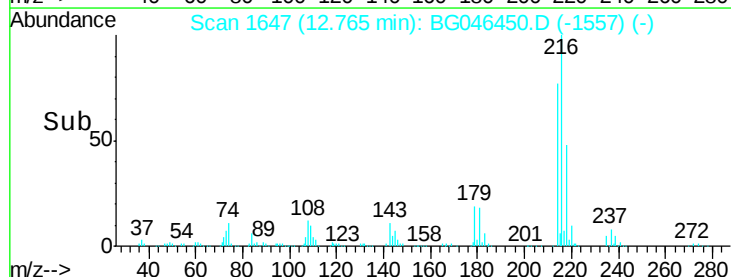
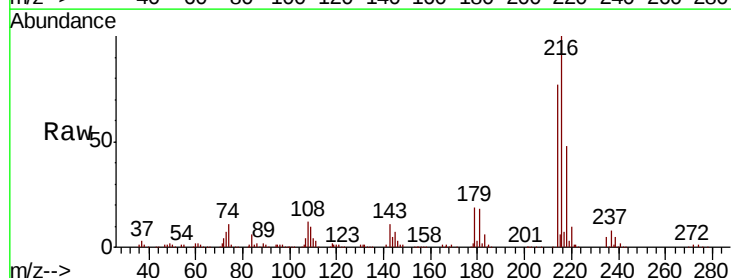
Manual Integrations
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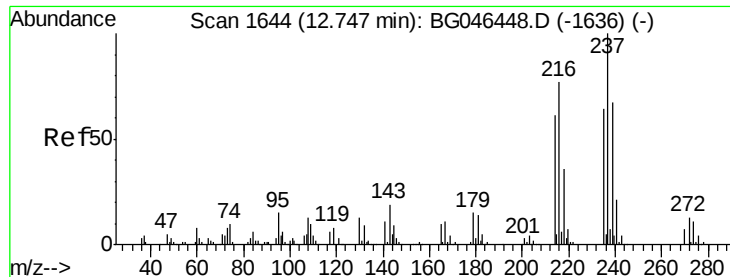
mohammad
8/26/2020 4:00:10 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.223 ng
RT: 12.77 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.1	93.1
179	18.7	14.9	22.3
108	13.6	10.5	15.7





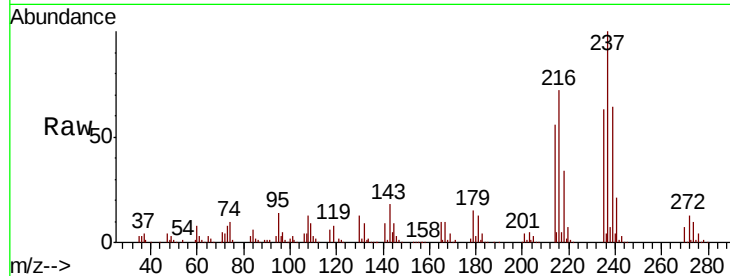
#41
 Hexachlorocyclopentadiene
 Concen: 45.906 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

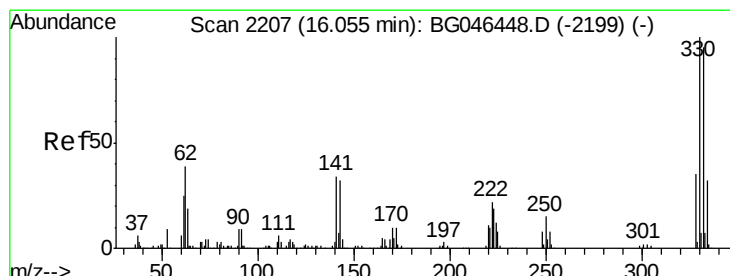
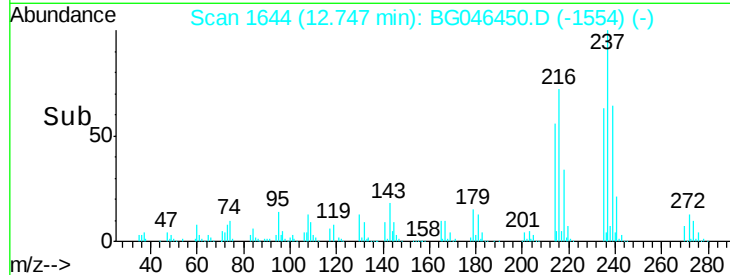
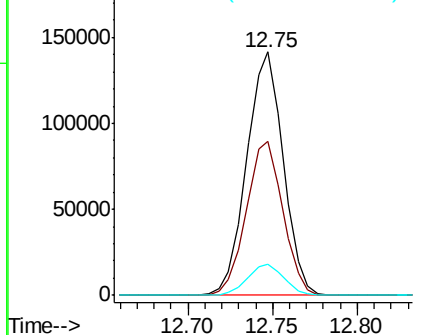
Tot Ion:	237	Resp:	212769
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.5	84.5
272	12.8	0.0	32.8

Manual Integrations
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mohammad
 8/26/2020 4:00:10 PM

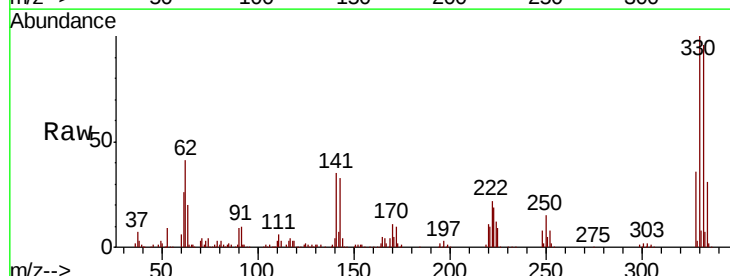


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

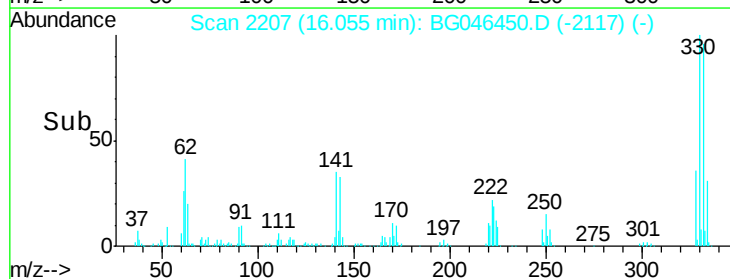
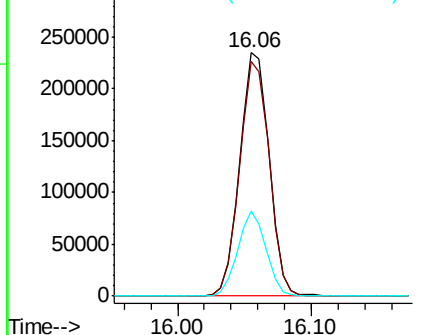


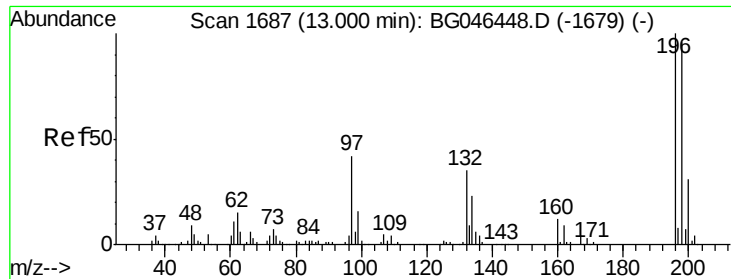
#42
 2,4,6-Tribromophenol
 Concen: 103.992 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion:	330	Resp:	358221
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.1	114.1
141	33.6	26.1	39.1



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





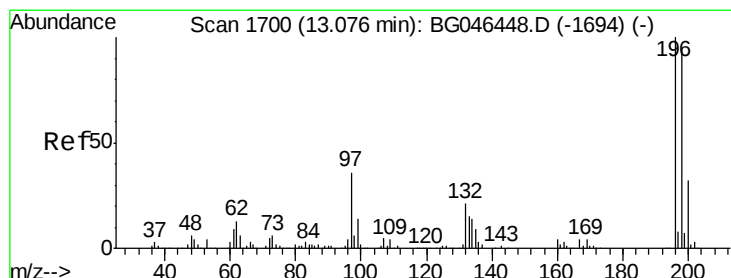
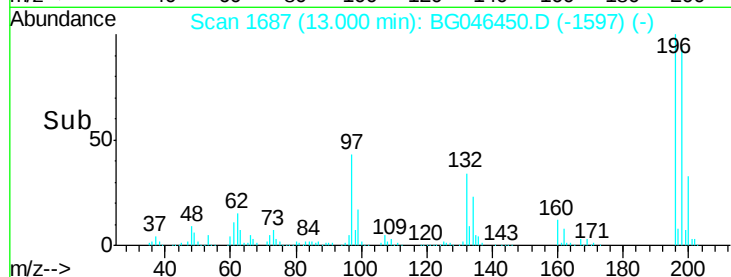
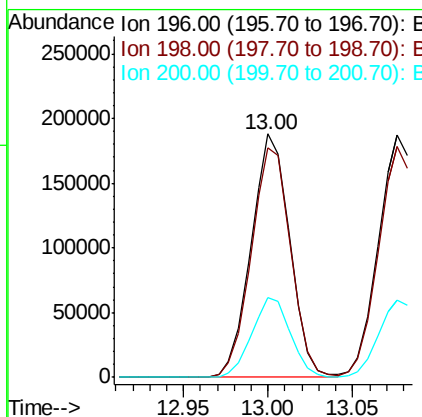
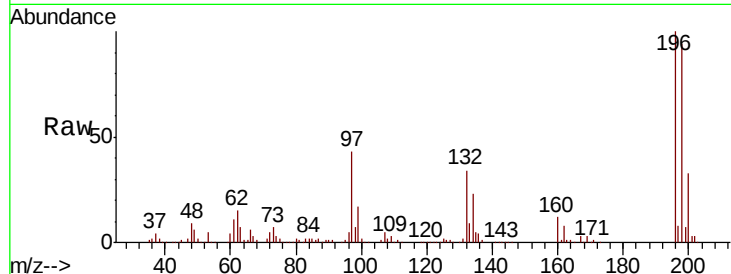
#43
 2,4,6-Trichlorophenol
 Concen: 58.055 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	299292		
198	94.1	77.0	115.6	
200	32.6	25.2	37.8	

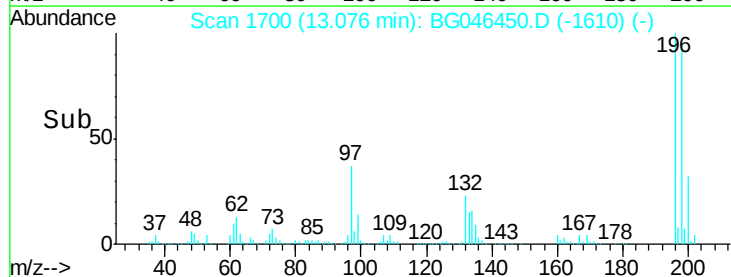
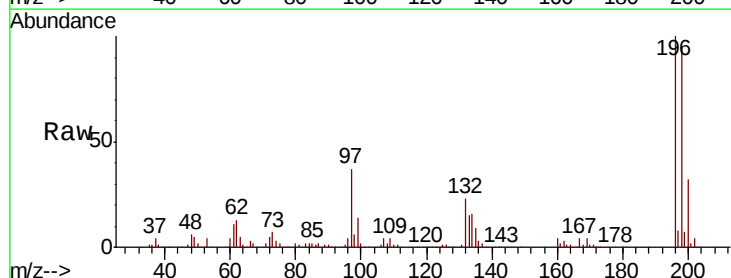
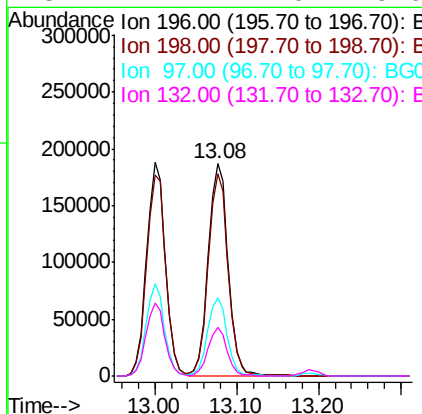
Manual Integrations
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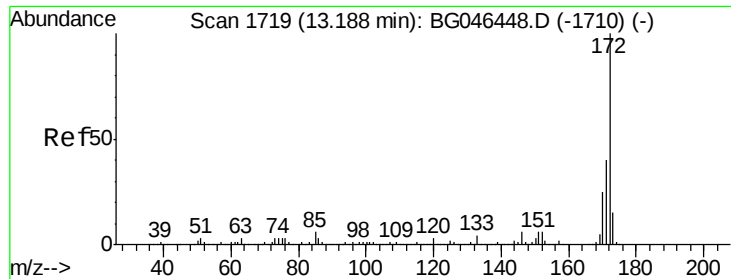
mohammad
 8/26/2020 4:00:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 56.028 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	315155		
198	95.3	75.6	113.4	
97	36.9	28.6	43.0	
132	22.7	17.0	25.6	





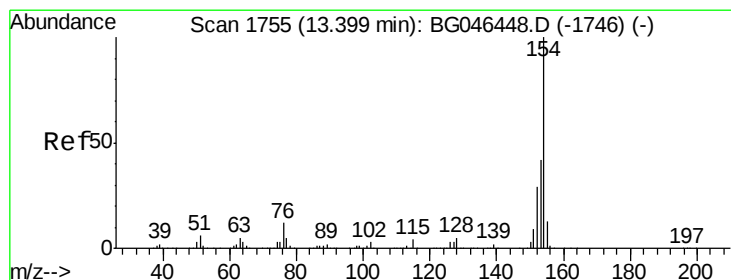
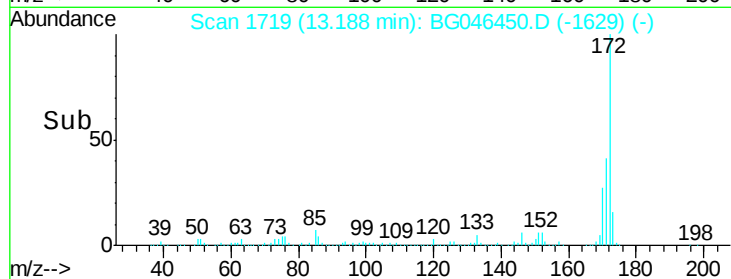
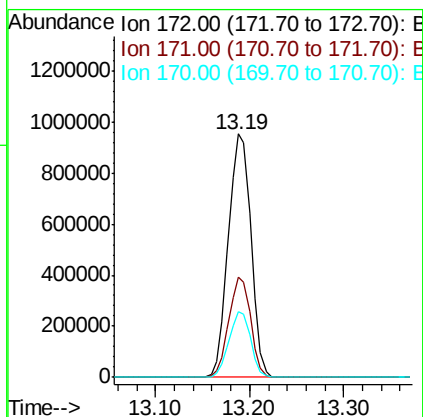
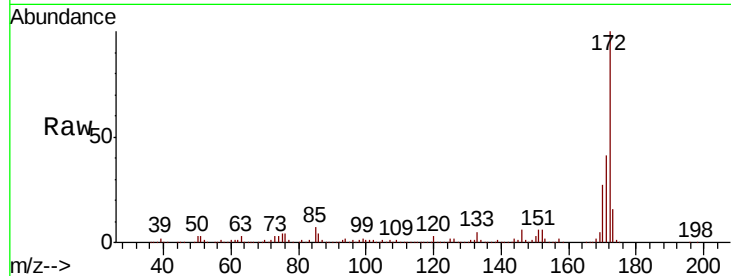
#45
2-Fluorobiphenyl
Concen: 102.941 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	41.1	31.8	47.6	
170	26.8	20.3	30.5	

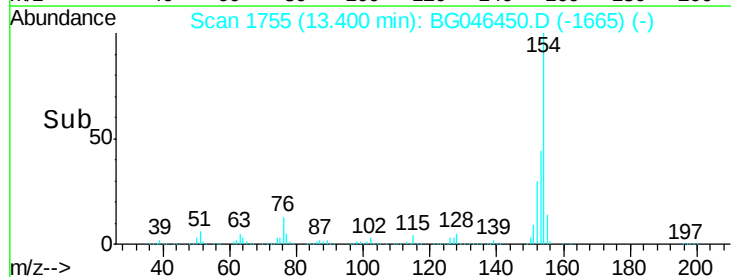
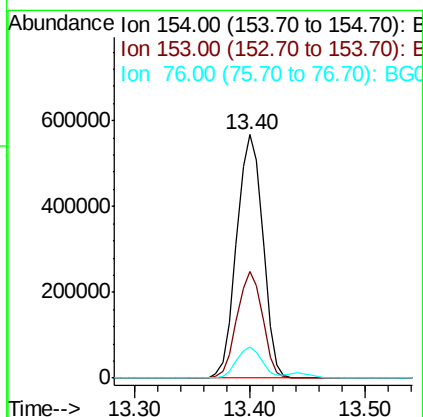
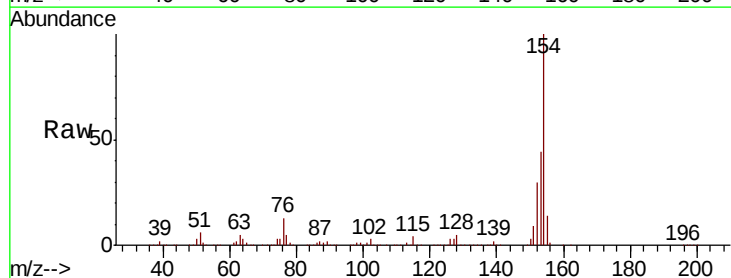
Manual Integrations
APPROVED

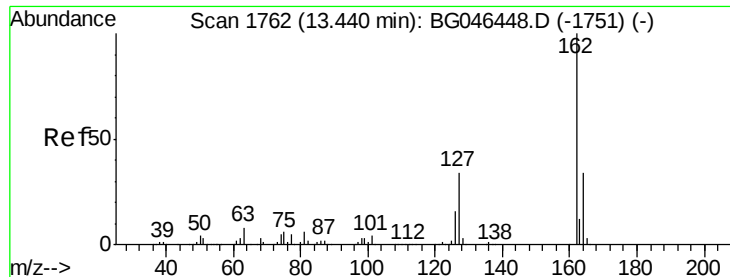
mohammad
8/26/2020 4:00:10 PM



#46
1,1'-Biphenyl
Concen: 50.644 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.9	22.0	62.0	
76	13.0	0.0	32.3	





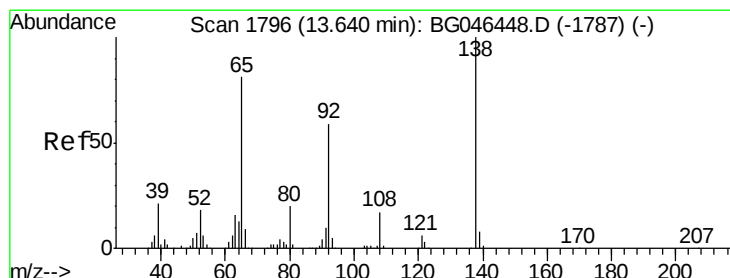
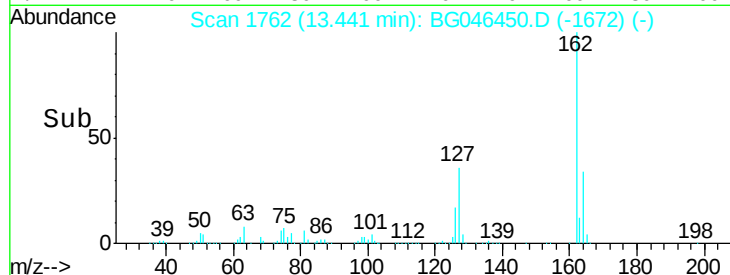
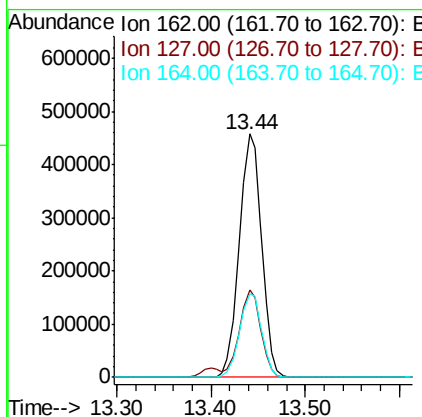
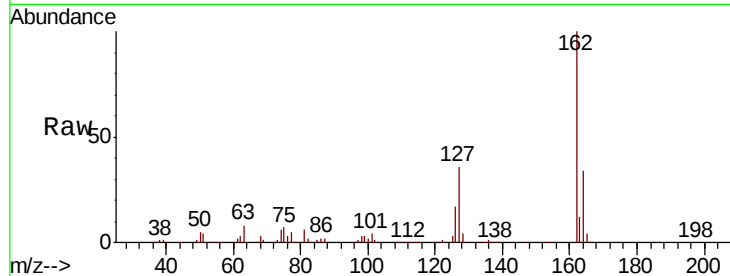
#47
2-Chloronaphthalene
Concen: 53.646 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	27.6	41.4
164	34.4	27.3	40.9

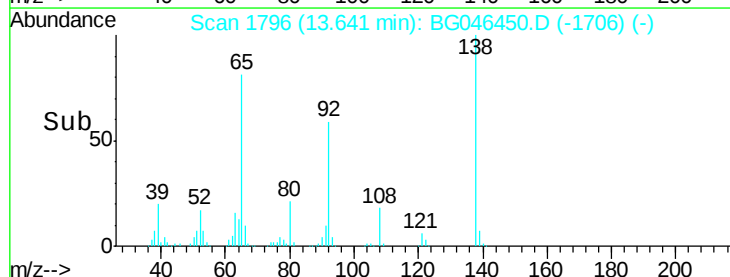
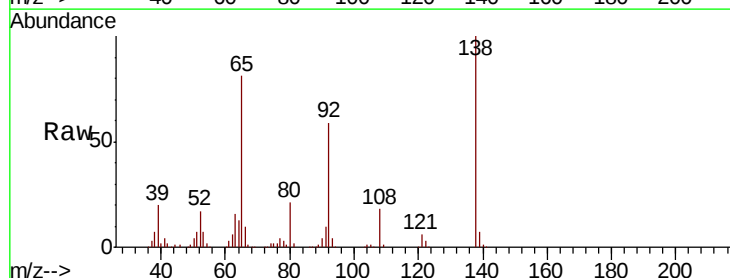
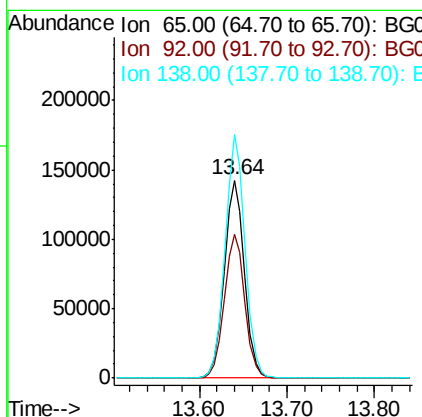
Manual Integrations
APPROVED

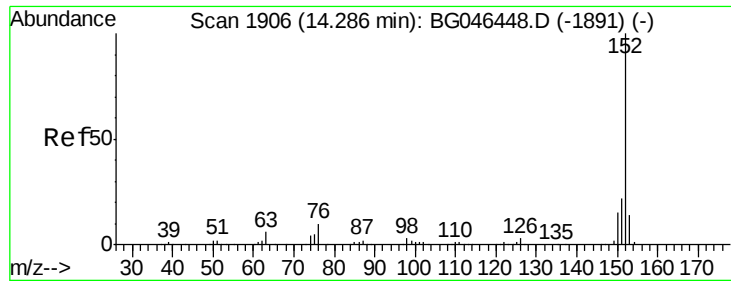
mohammad
8/26/2020 4:00:10 PM



#48
2-Nitroaniline
Concen: 61.569 ng
RT: 13.64 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.5	87.7
138	122.9	98.4	147.6





#49

Acenaphthylene

Concen: 52.546 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1145055

Ion Ratio Lower Upper

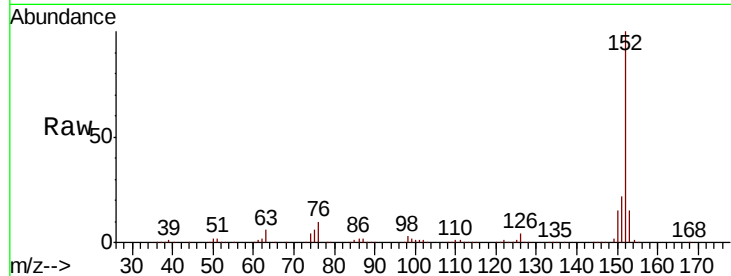
152 100

151 22.4 17.7 26.5

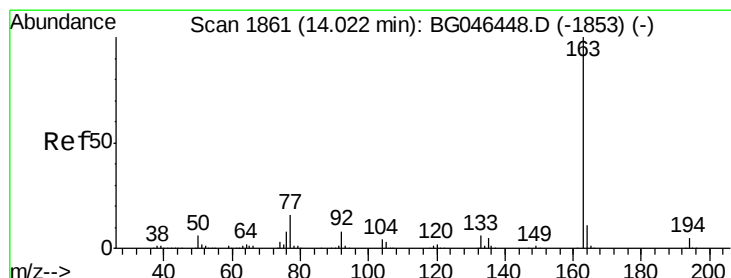
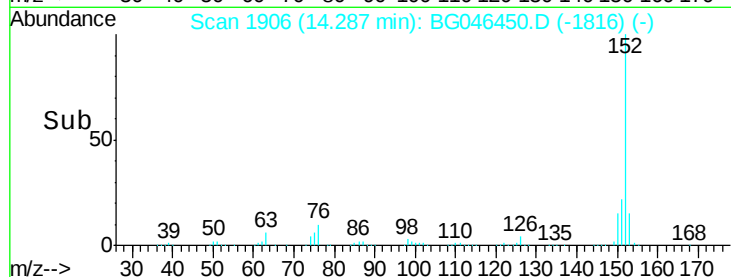
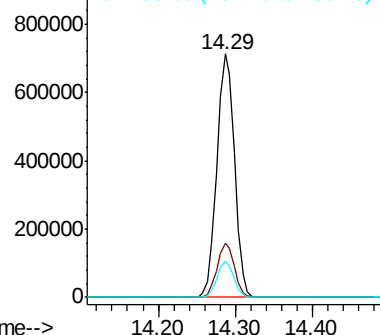
153 14.9 11.2 16.8

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



#50

Dimethylphthalate

Concen: 57.039 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

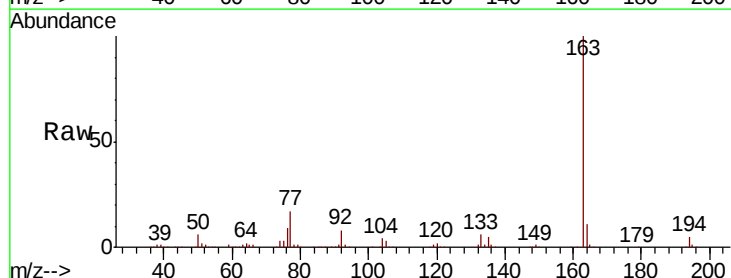
Tgt Ion:163 Resp: 981804

Ion Ratio Lower Upper

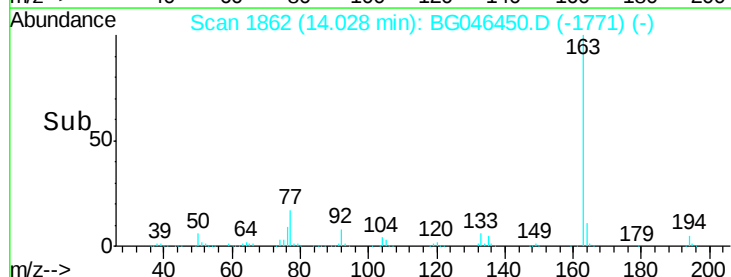
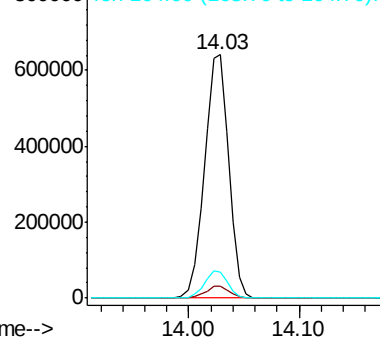
163 100

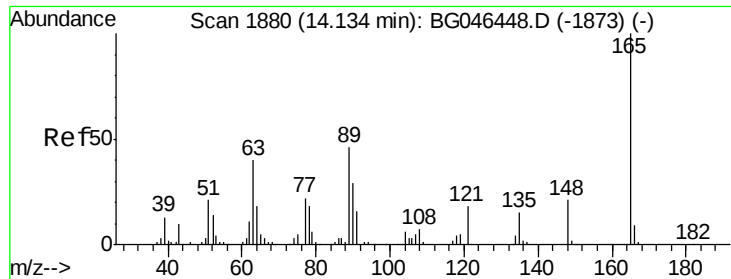
194 4.9 3.7 5.5

164 10.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





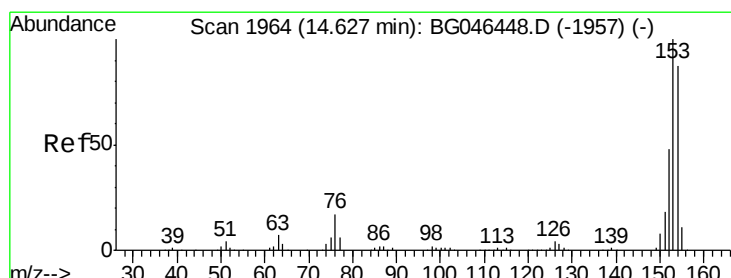
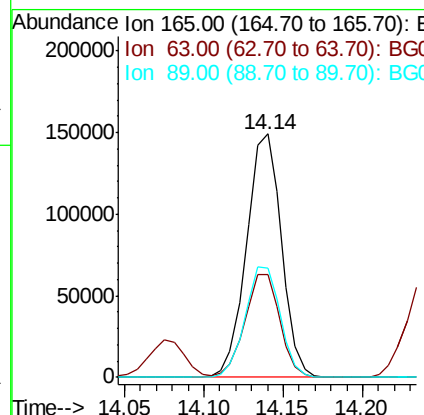
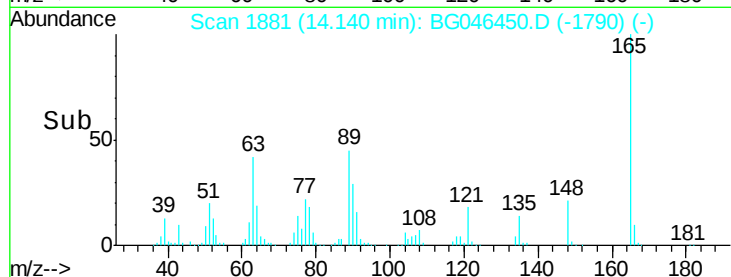
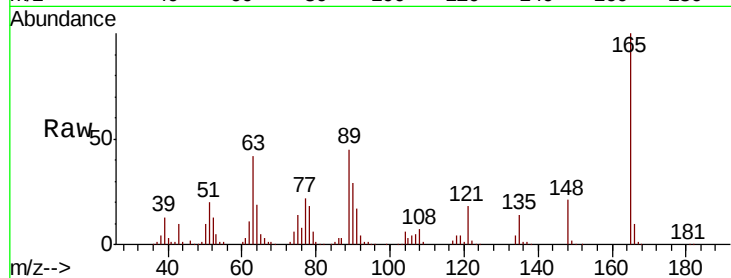
#51
2,6-Dinitrotoluene
Concen: 56.943 ng
RT: 14.14 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	34.2	51.4
89	44.7	37.0	55.4

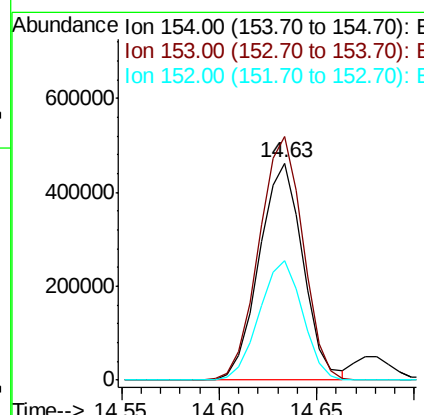
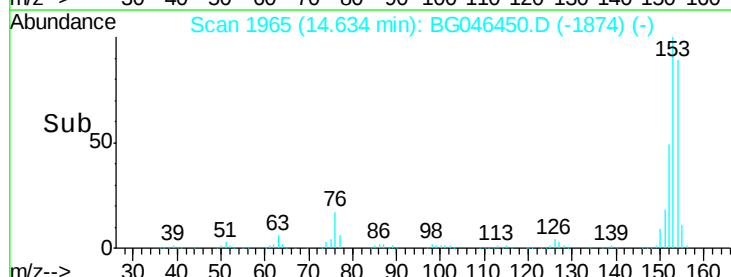
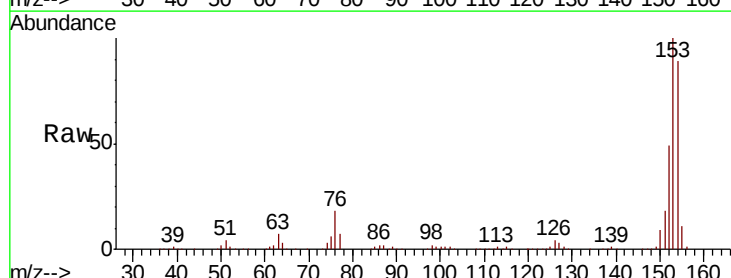
Manual Integrations
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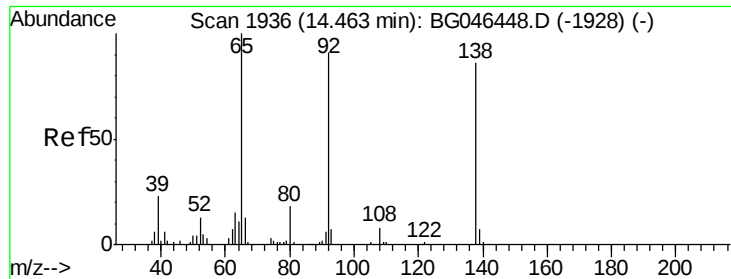
mohammad
8/26/2020 4:00:10 PM



#52
Acenaphthene
Concen: 49.961 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.9	137.9
152	55.3	43.8	65.6





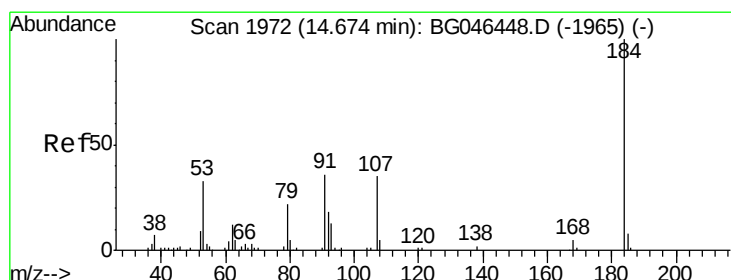
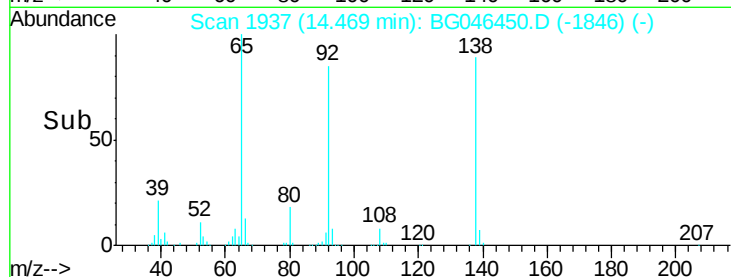
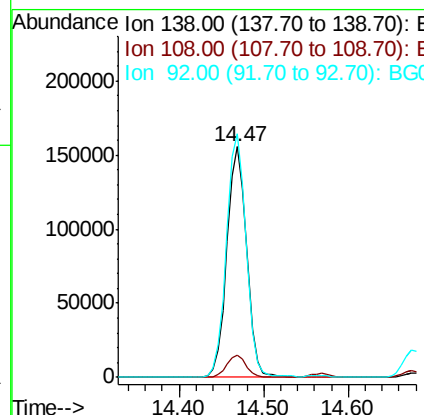
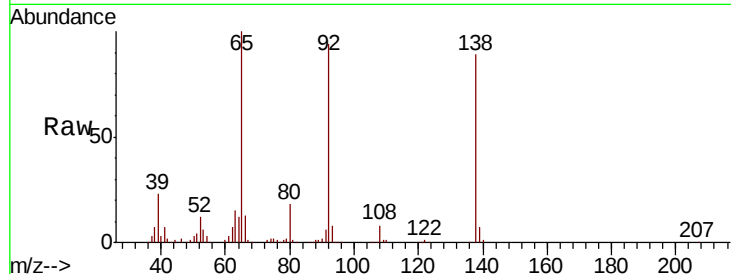
#53
3-Nitroaniline
Concen: 63.752 ng
RT: 14.47 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.0	10.6
92	105.5	84.6	127.0

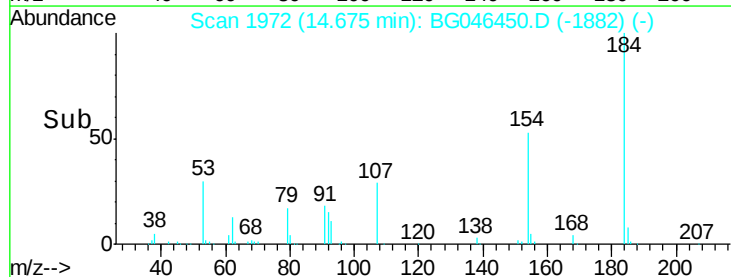
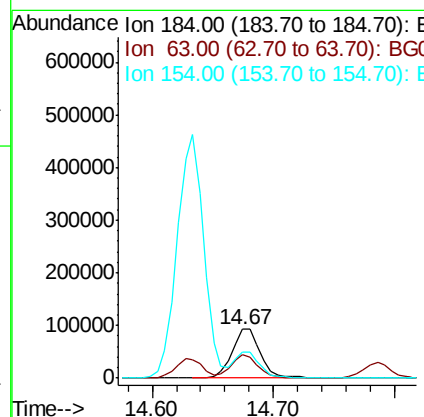
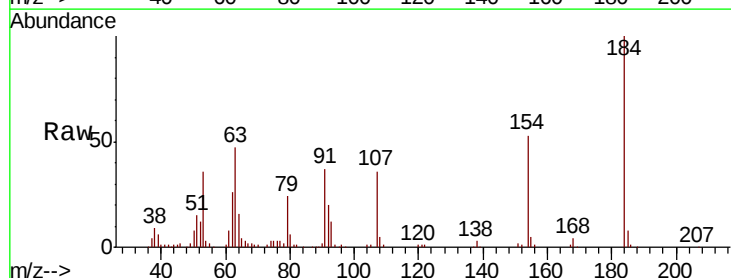
Manual Integrations
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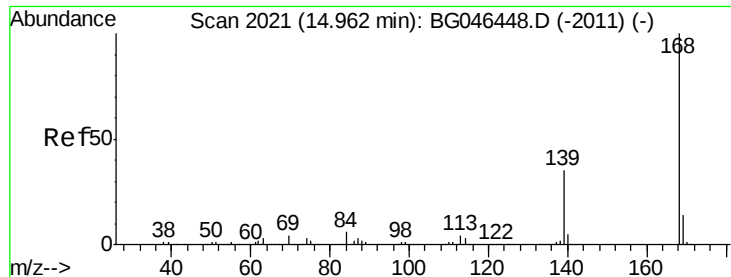
mohammad
8/26/2020 4:00:10 PM



#54
2,4-Dinitrophenol
Concen: 72.826 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.5	35.6	53.4
154	53.3	44.3	66.5





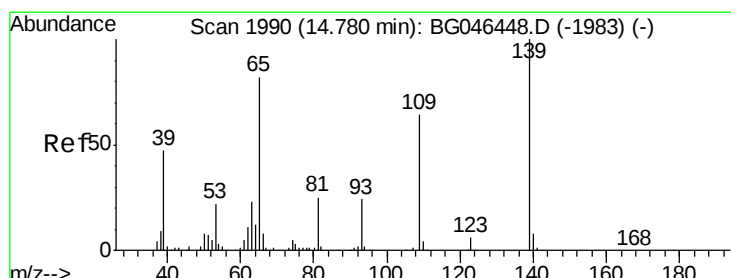
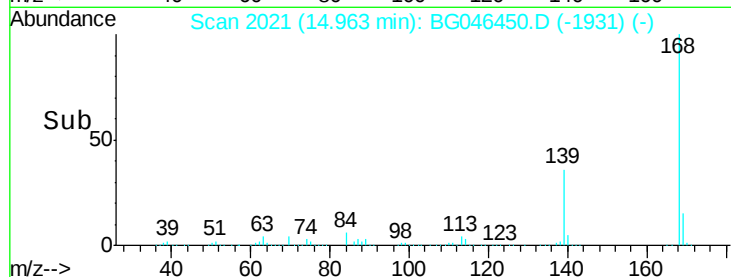
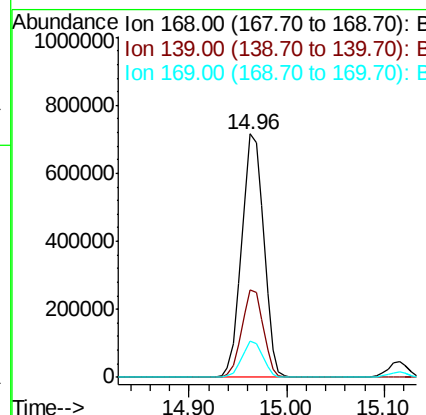
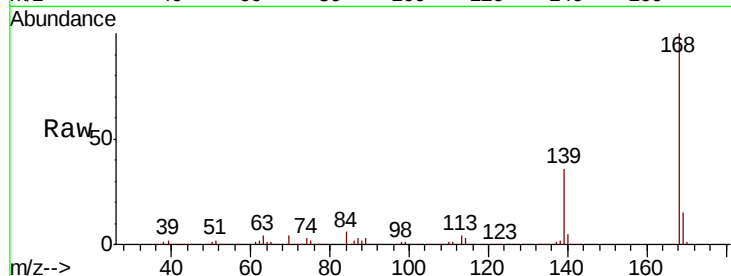
#55
Dibenzenofuran
Concen: 51.944 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.1	42.1
169	14.7	11.5	17.3

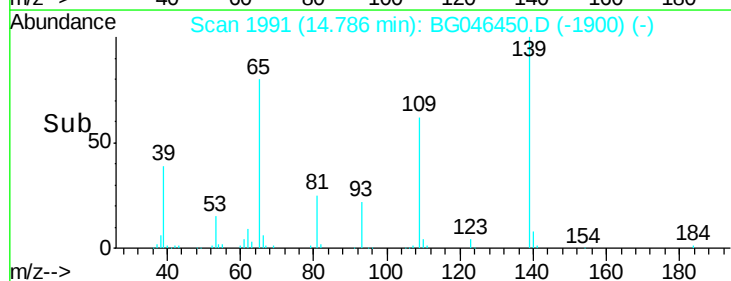
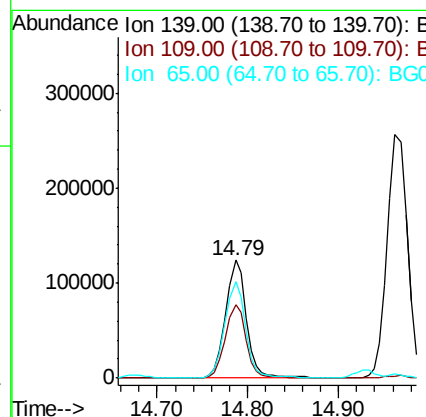
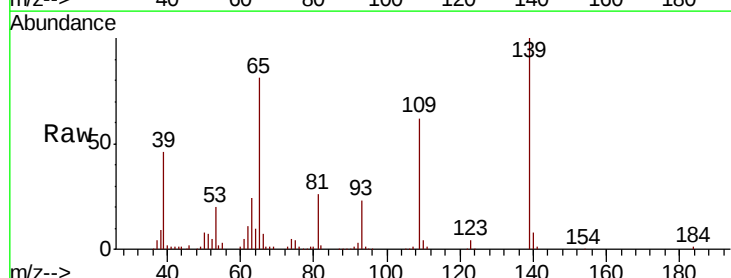
Manual Integrations
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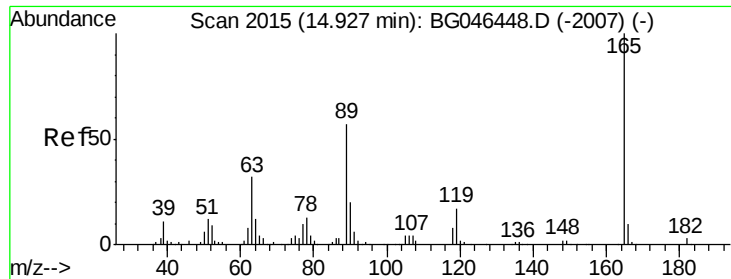
mohammad
8/26/2020 4:00:10 PM



#56
4-Nitrophenol
Concen: 57.652 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.4	44.3	84.3
65	81.3	61.5	101.5





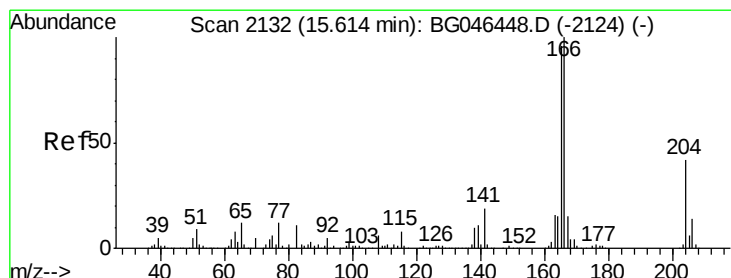
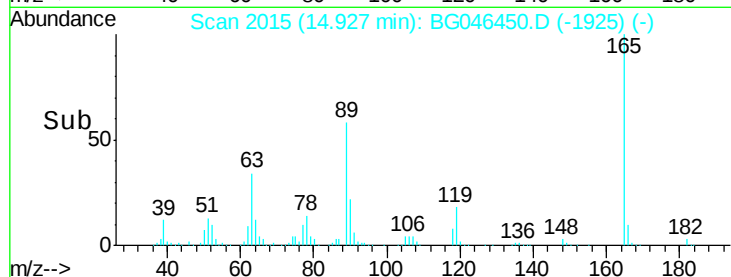
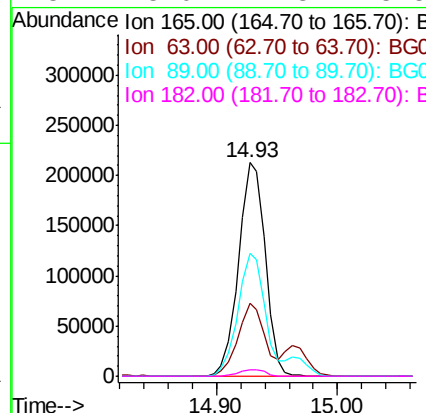
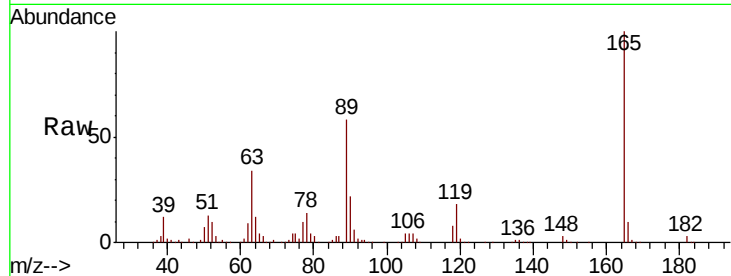
#57
 2,4-Dinitrotoluene
 Concen: 59.506 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		327754		
63	34.1	25.4	38.0		
89	57.7	45.9	68.9		
182	3.0	2.3	3.5		

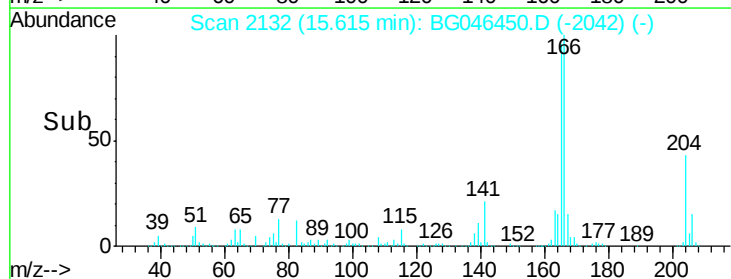
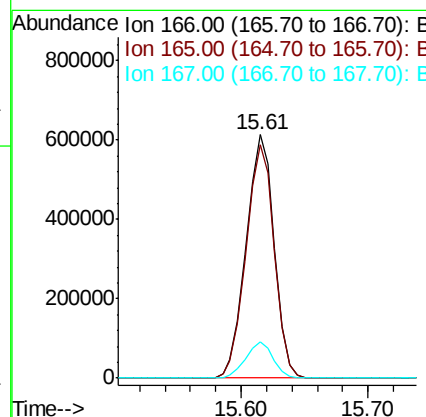
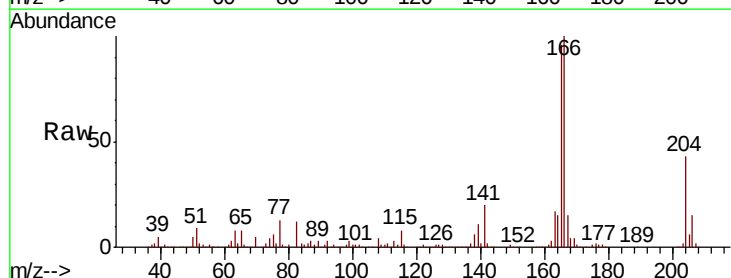
Manual Integrations
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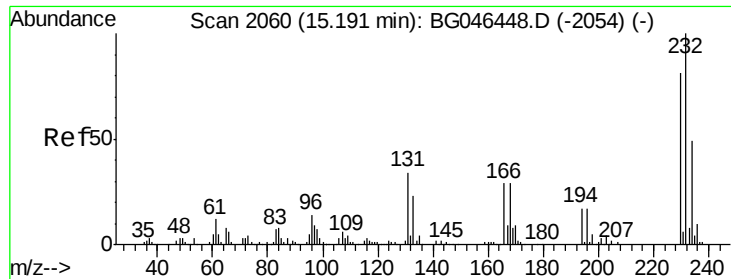
mohammad
 8/26/2020 4:00:10 PM



#58
 Fluorene
 Concen: 53.349 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		937583		
165	95.7	77.0	115.4		
167	14.7	11.8	17.6		





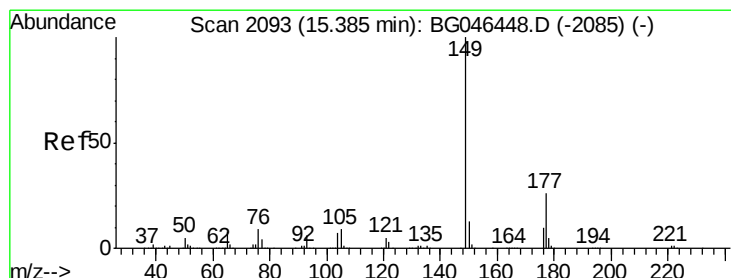
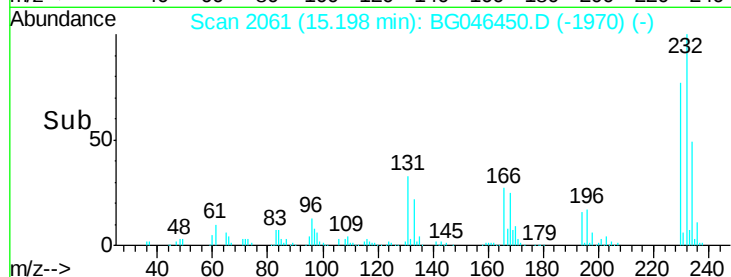
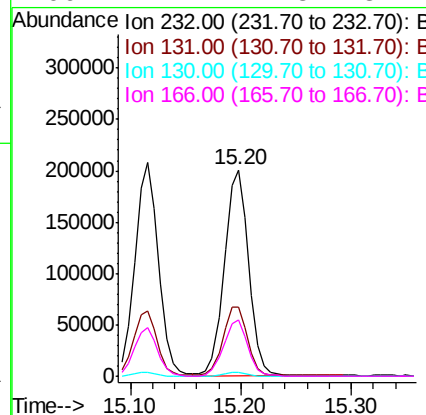
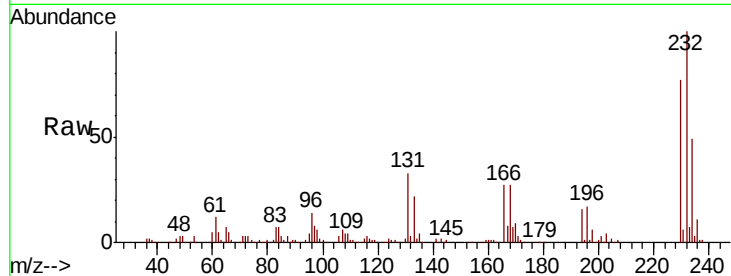
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.146 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. 0.01 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
232	100	308071		
131	34.2		26.8	40.2
130	1.9		1.4	2.2
166	27.2		22.8	34.2

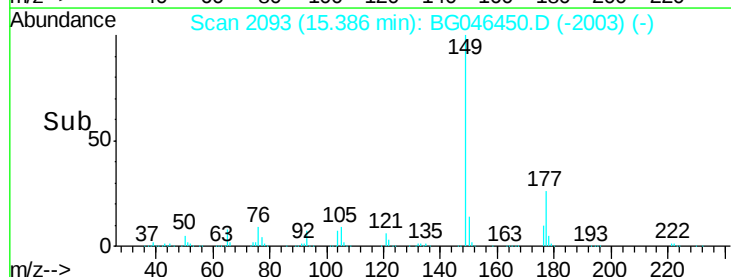
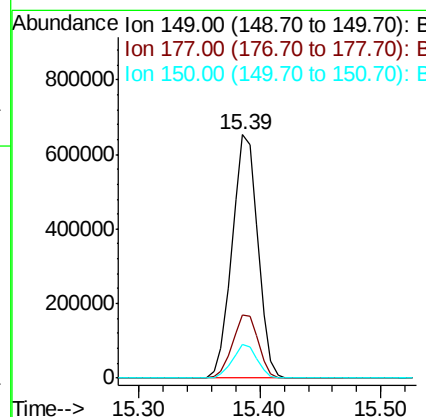
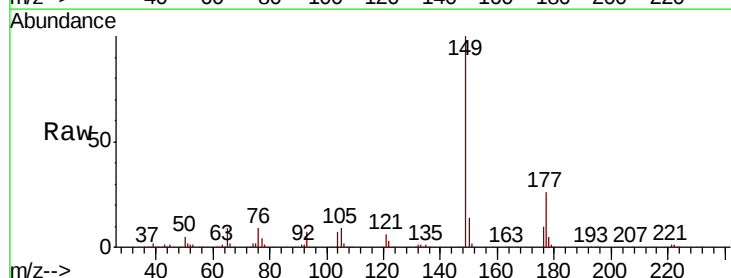
Manual Integrations
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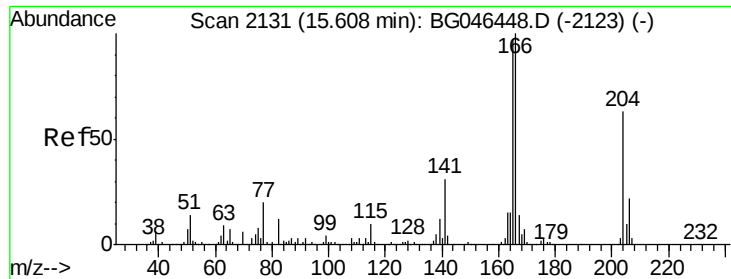
mohammad
 8/26/2020 4:00:10 PM



#60
 Diethylphthalate
 Concen: 57.126 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	967295		
177	26.0		20.6	30.8
150	13.8		10.3	15.5





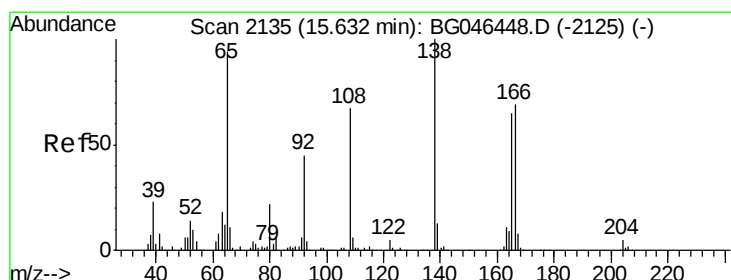
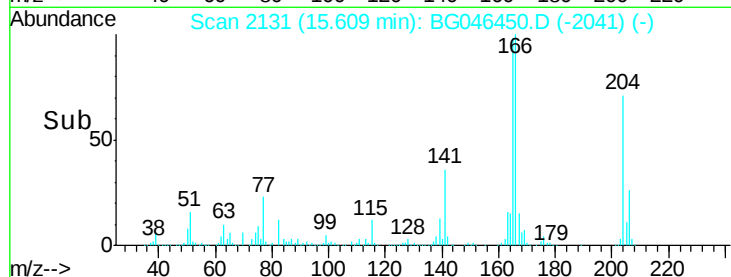
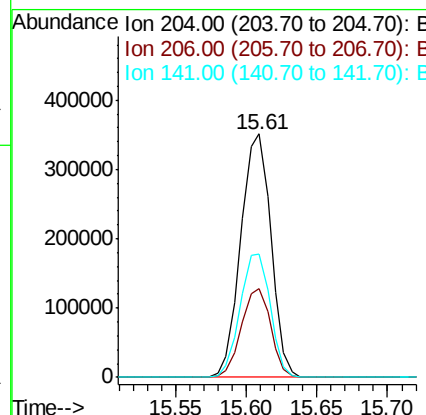
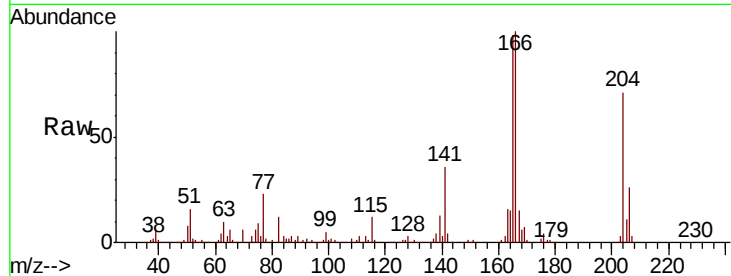
#61
 4-Chlorophenyl-phenylether
 Concen: 57.208 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	27.7	41.5
141	50.4	38.7	58.1

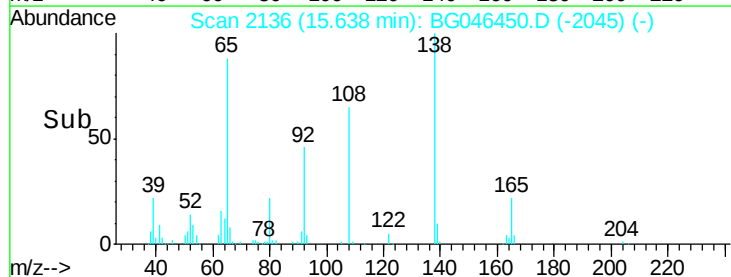
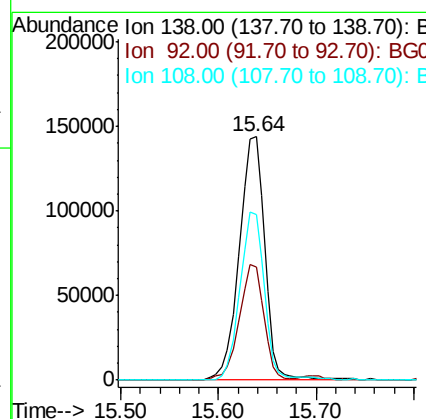
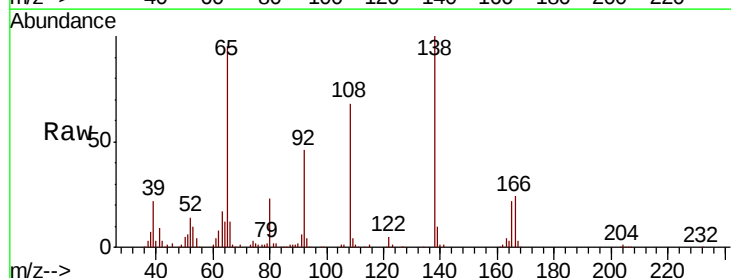
Manual Integrations
 APPROVED

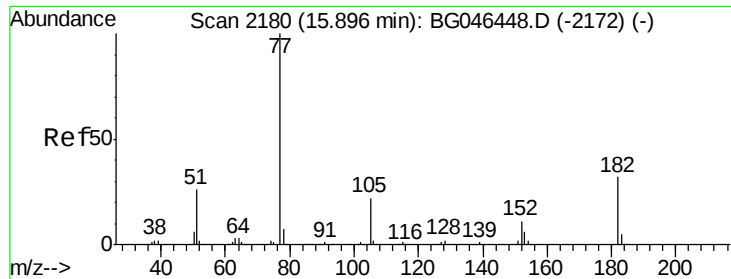
mohammad
 8/26/2020 4:00:10 PM



#62
 4-Nitroaniline
 Concen: 65.675 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.01 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	25.3	65.3
108	67.9	46.7	86.7





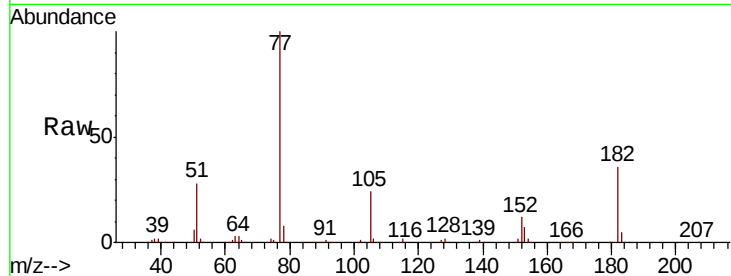
#63
Azobenzene
Concen: 49.616 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

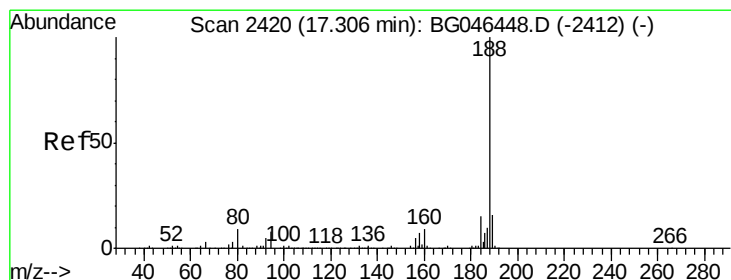
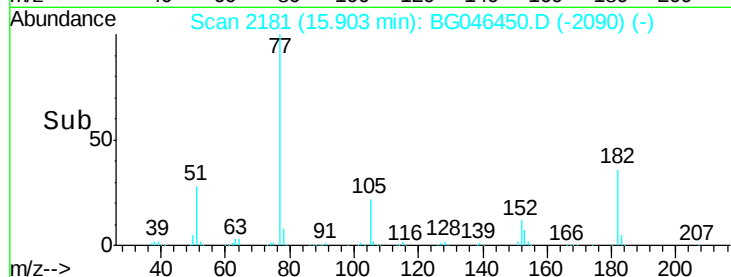
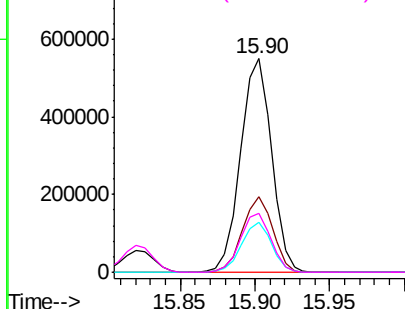
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.6	12.3	52.3	
105	23.5	2.3	42.3	
51	27.9	6.5	46.5	

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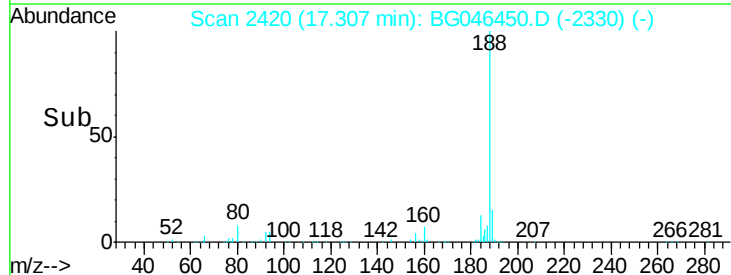
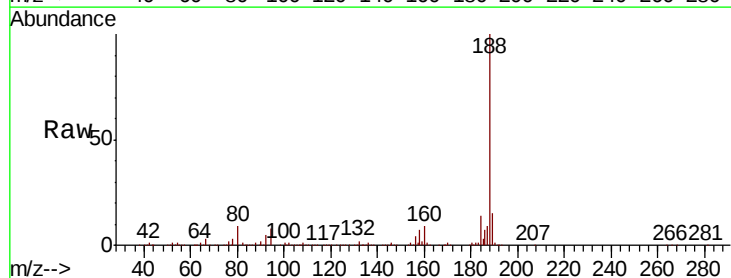
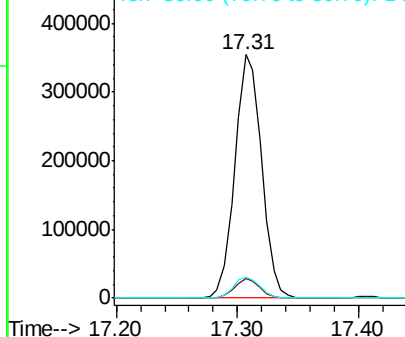
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

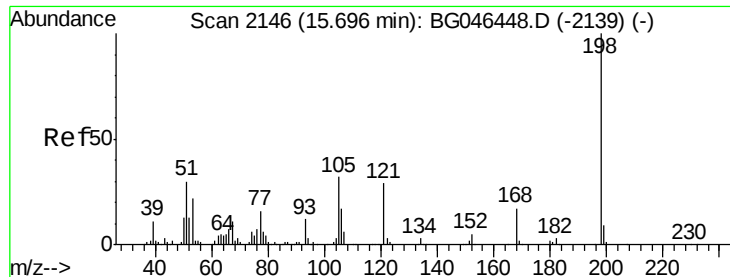


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.3	9.5	
80	8.5	6.9	10.3	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 56.272 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:198 Resp: 203618

Ion Ratio Lower Upper

198 100

51 32.1 10.4 50.4

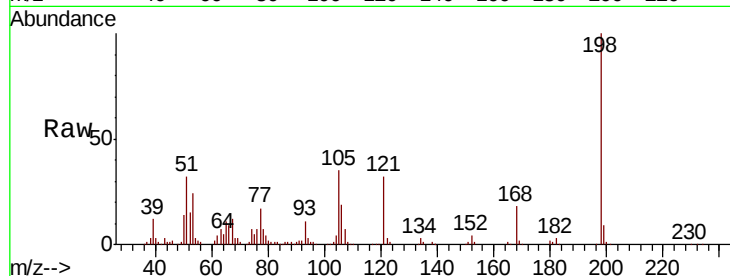
105 34.8 12.4 52.4

Manual Integrations

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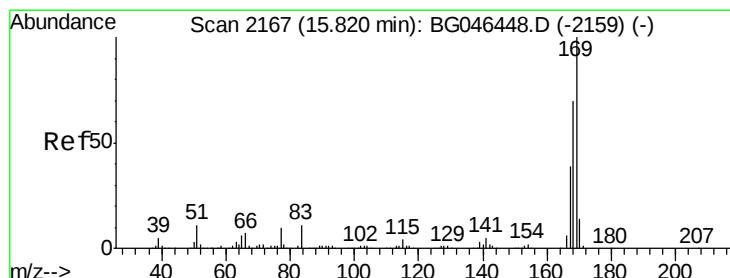
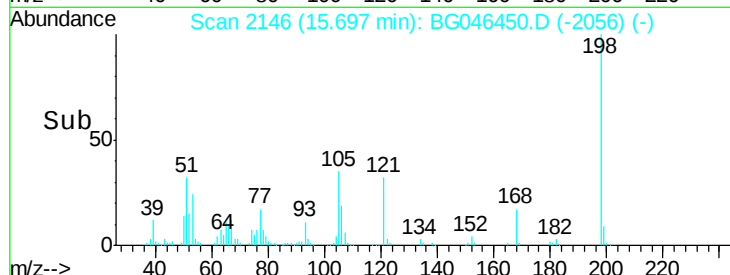
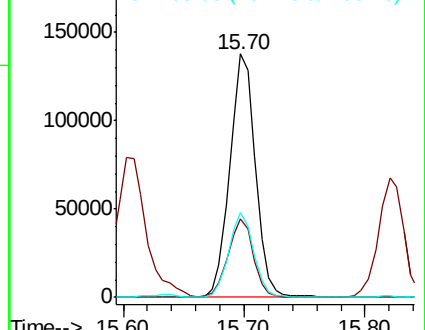
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.421 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

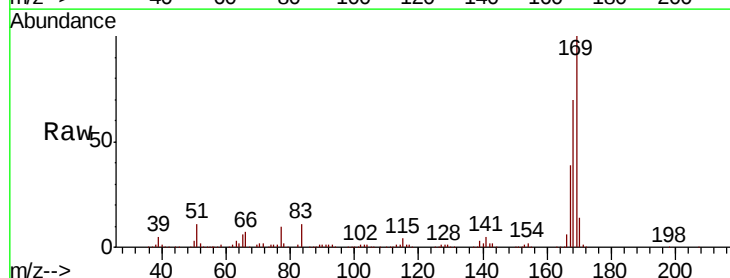
Tgt Ion:169 Resp: 851619

Ion Ratio Lower Upper

169 100

168 70.2 55.8 83.8

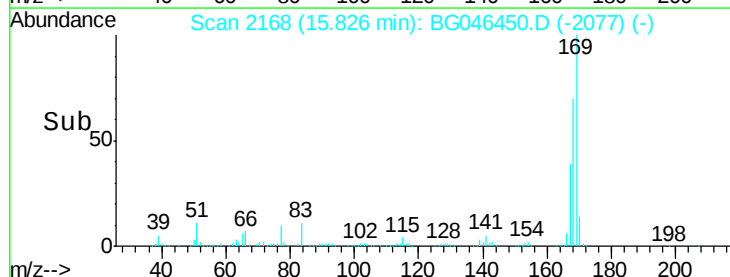
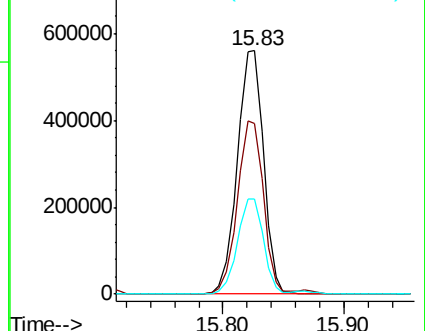
167 39.0 31.0 46.6

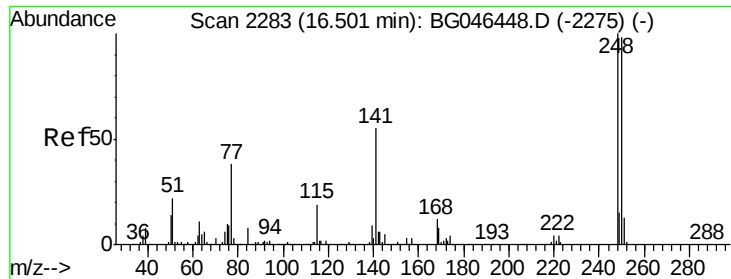


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





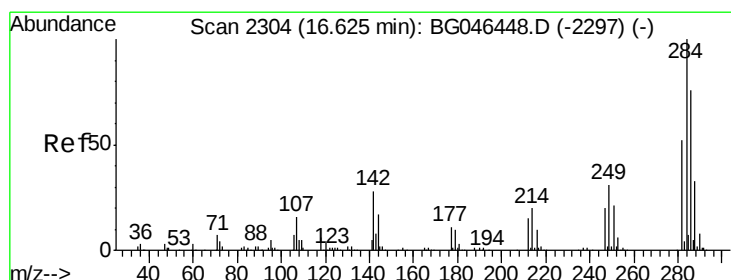
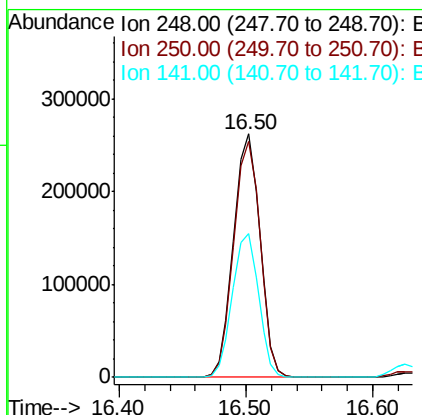
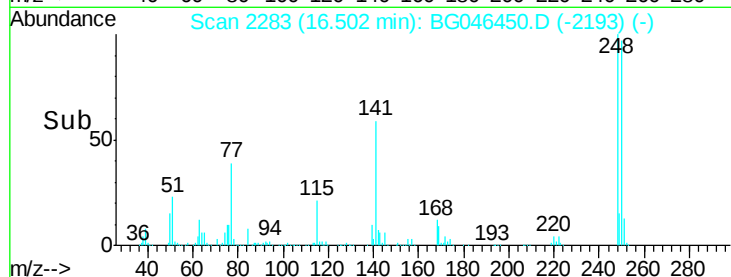
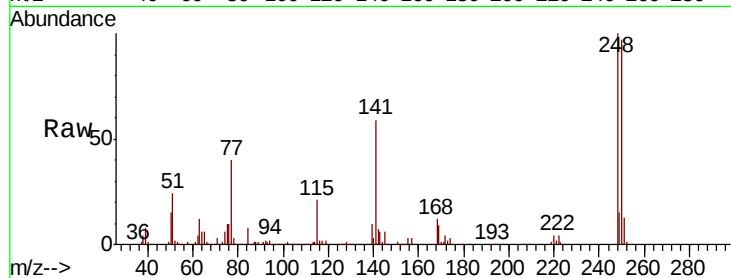
#67
4-Bromophenyl-phenylether
Concen: 55.830 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.6	118.0
141	59.0	43.9	65.9

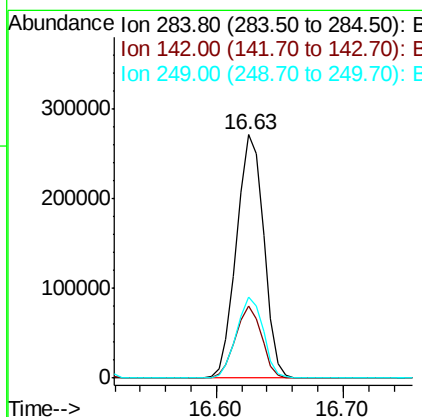
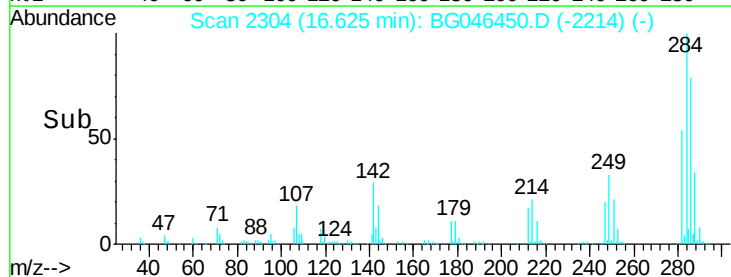
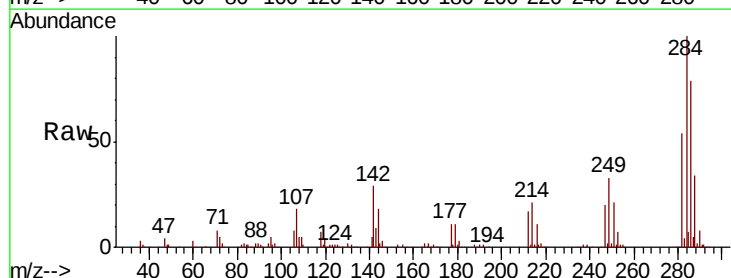
Manual Integrations
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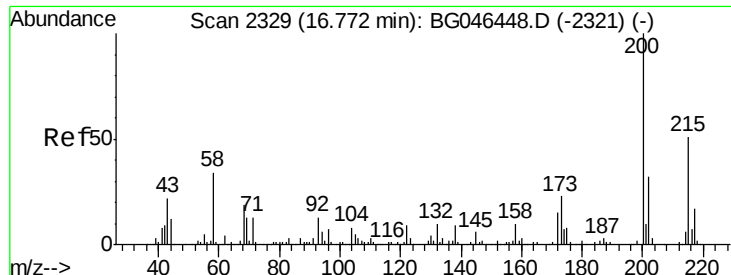
mohammad
8/26/2020 4:00:10 PM



#68
Hexachlorobenzene
Concen: 53.276 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	22.3	33.5
249	33.4	24.8	37.2





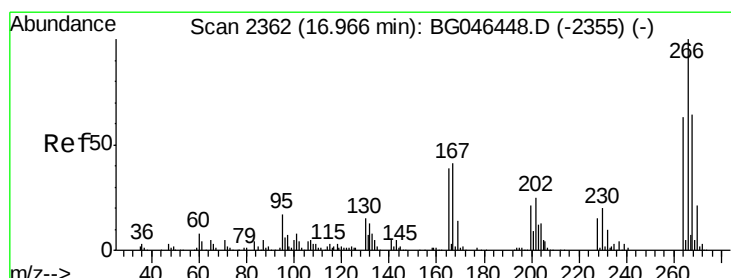
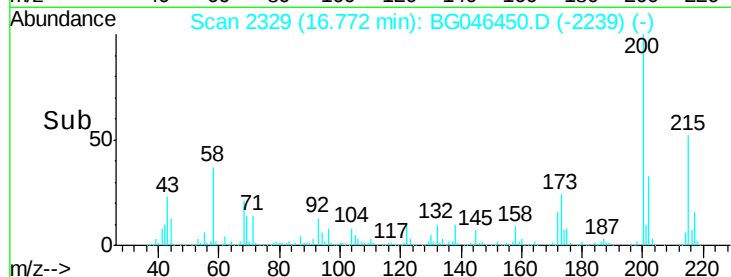
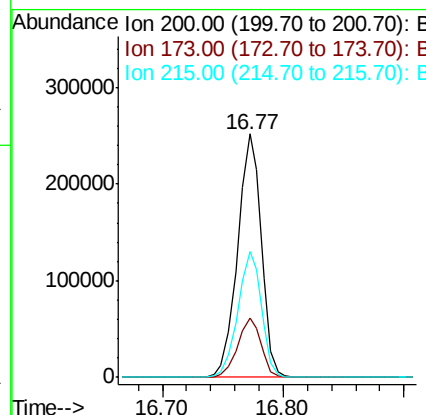
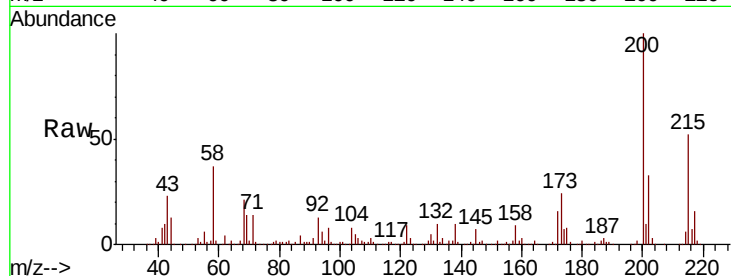
#69
Atrazine
Concen: 53.809 ng
RT: 16.77 min Scan# 2329
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
200	100	343159		
173	24.4	3.3	43.3	
215	51.8	30.9	70.9	

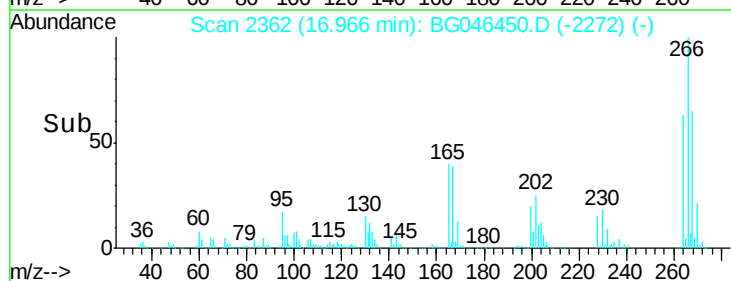
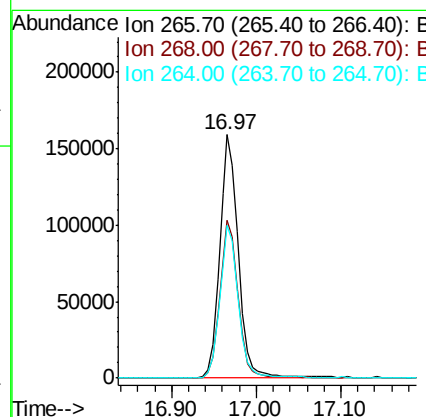
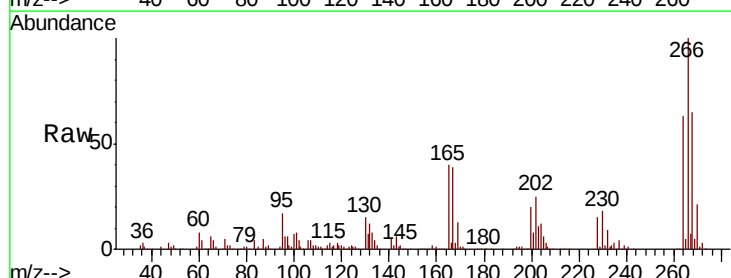
Manual Integrations
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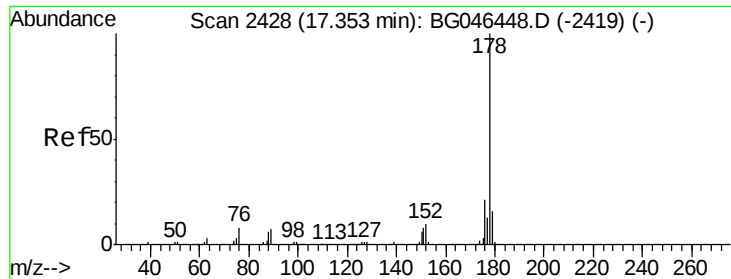
mohammad
8/26/2020 4:00:10 PM



#70
Pentachlorophenol
Concen: 50.309 ng
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	247411		
268	64.6	51.1	76.7	
264	62.9	50.2	75.2	





#71

Phenanthrene

Concen: 51.091 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:178 Resp: 1531241

Ion Ratio Lower Upper

178 100

176 22.3 16.8 25.2

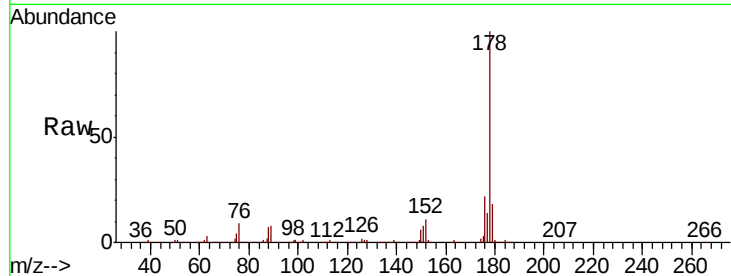
179 17.9 13.2 19.8

Manual Integrations

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mohammad

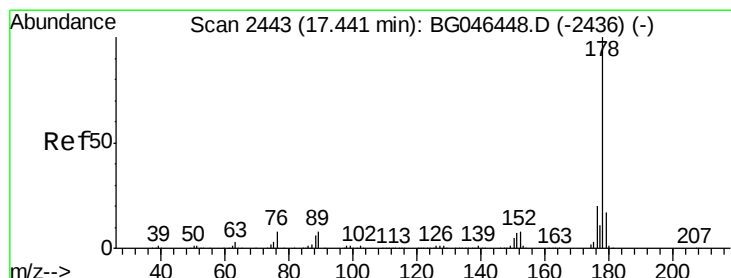
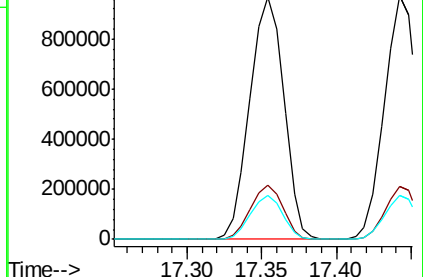
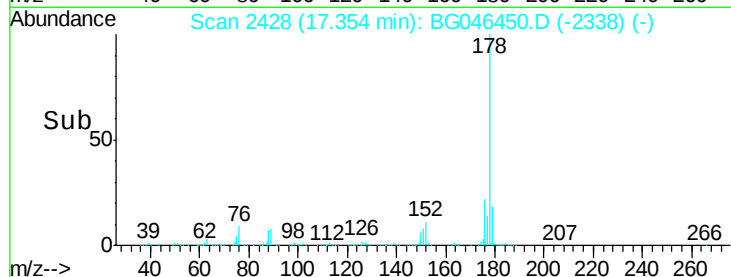
8/26/2020 4:00:10 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.548 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

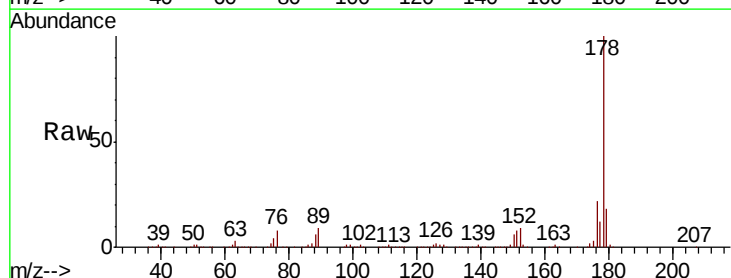
Tgt Ion:178 Resp: 1506890

Ion Ratio Lower Upper

178 100

176 21.5 16.1 24.1

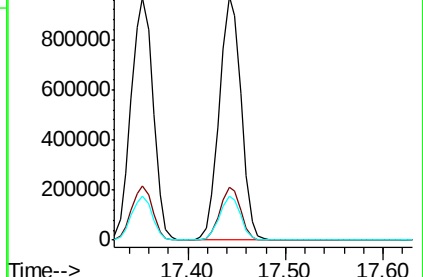
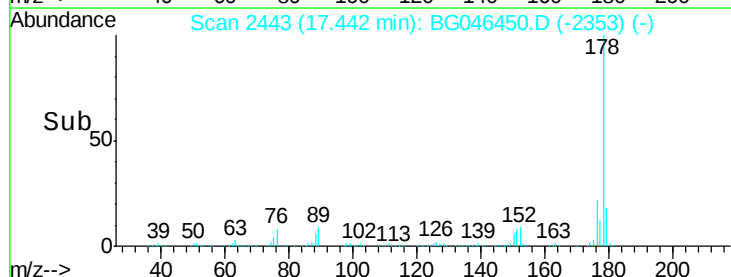
179 18.2 13.3 19.9

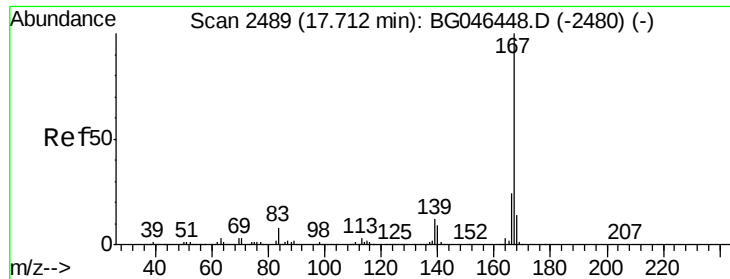


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





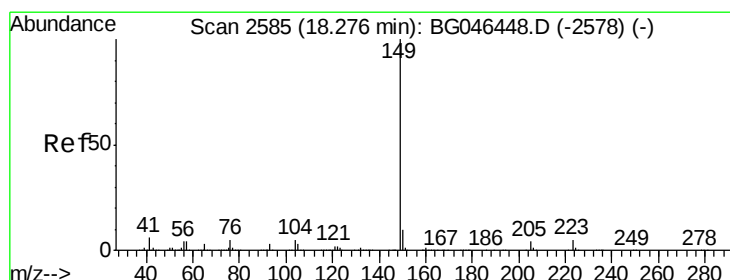
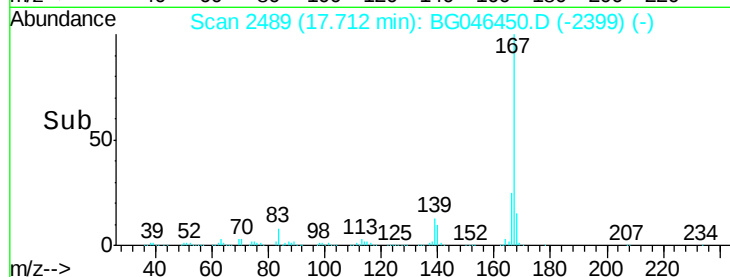
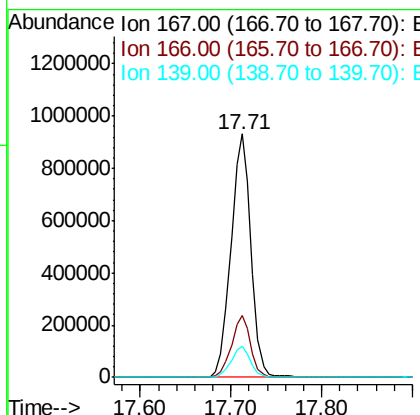
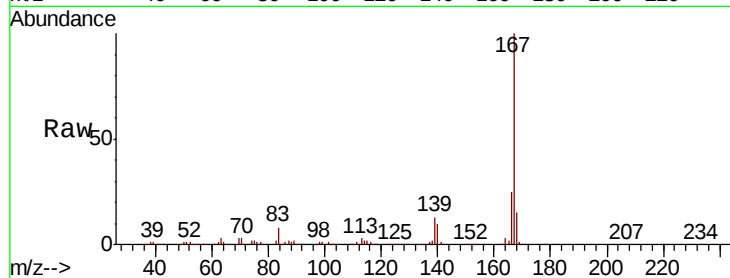
#73
 Carbazole
 Concen: 49.696 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion:167 Resp: 1428562
 Ion Ratio Lower Upper
 167 100
 166 25.4 19.3 28.9
 139 13.0 9.7 14.5

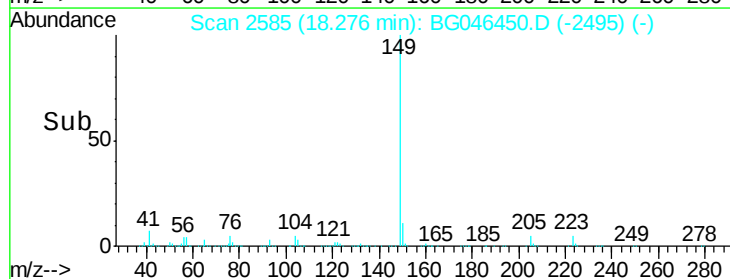
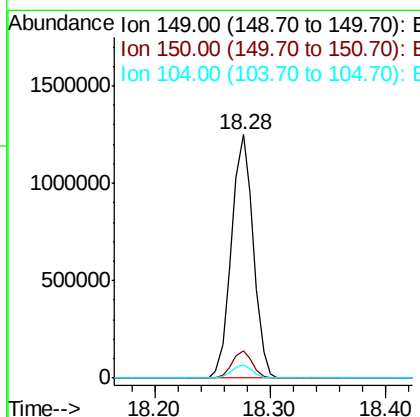
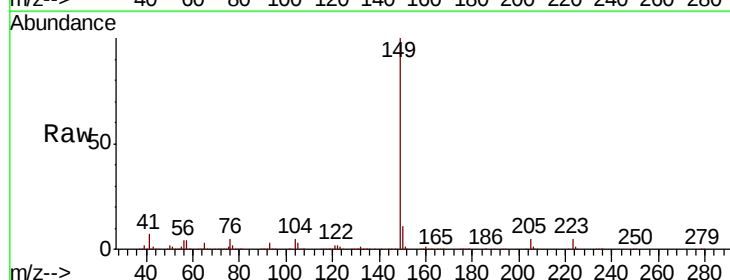
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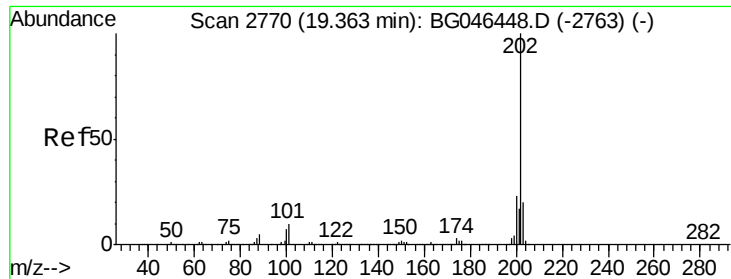
mohammad
 8/26/2020 4:00:10 PM



#74
 Di-n-butylphthalate
 Concen: 54.370 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion:149 Resp: 1633693
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.1 12.1
 104 5.5 4.0 6.0





#75

Fluoranthene

Concen: 50.575 ng

RT: 19.36 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

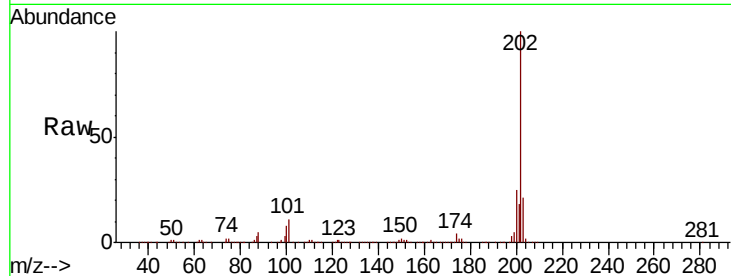
ClientSampleId :

SSTDICC060

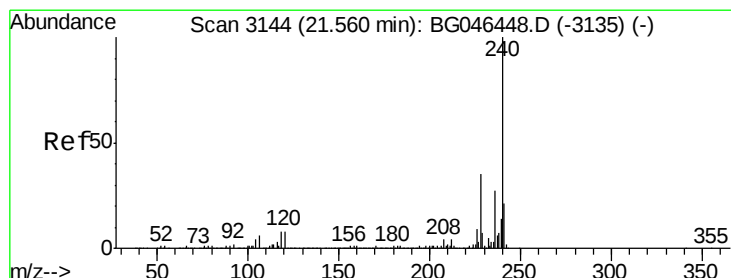
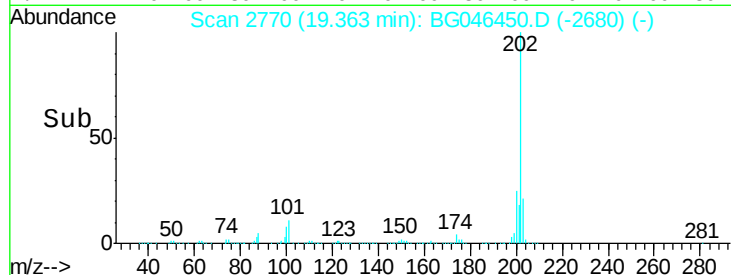
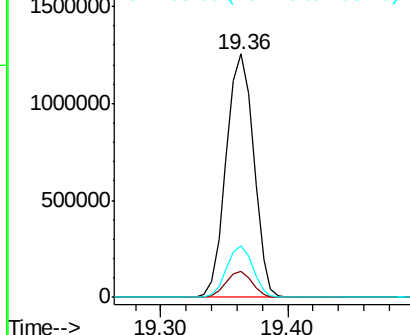
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1892391		
101	10.9	0.0	29.9		
203	21.2	0.0	40.0		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

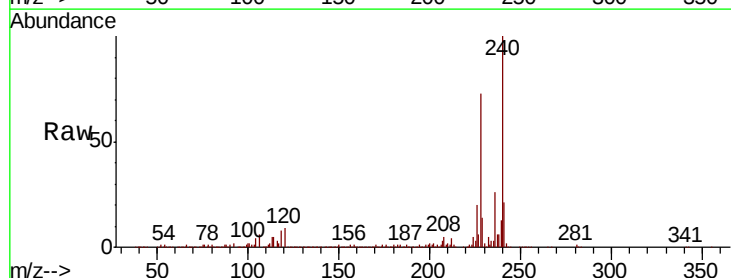
RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

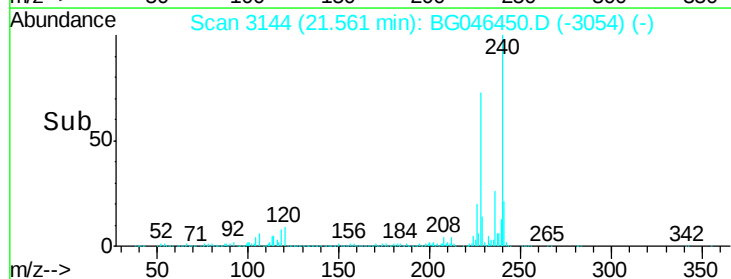
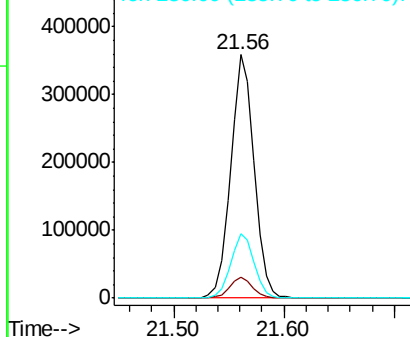
Lab File: BG046450.D

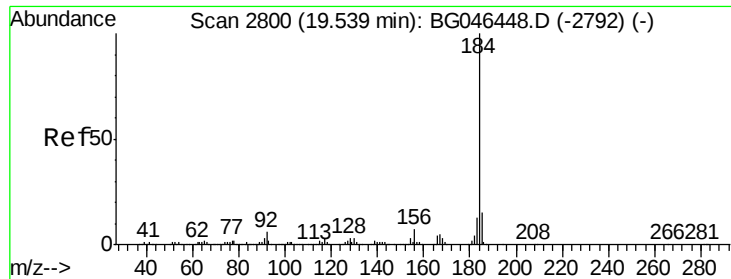
Acq: 25 Aug 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		532645		
120	8.6	6.6	10.0		
236	26.2	21.4	32.2		



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





#77

Benzidine

Concen: 55.259 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

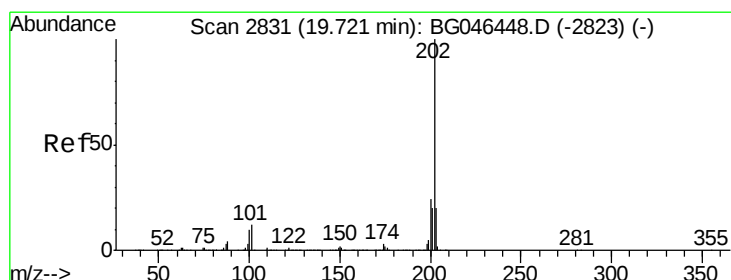
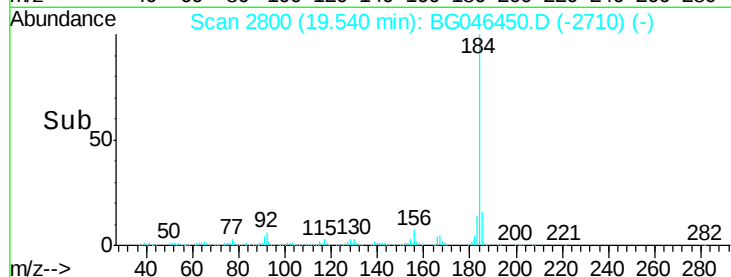
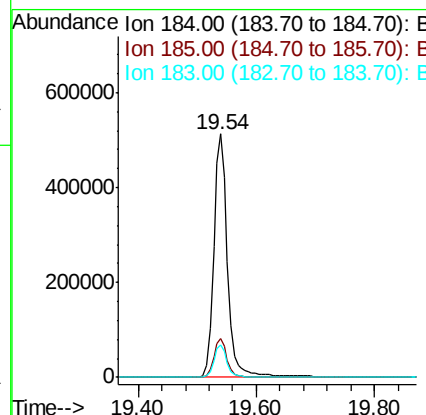
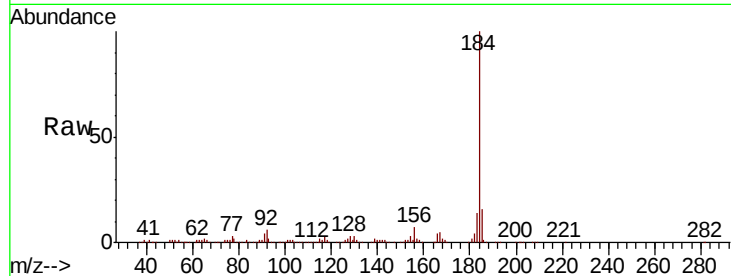
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	13.6	10.7	16.1

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#78

Pyrene

Concen: 52.668 ng

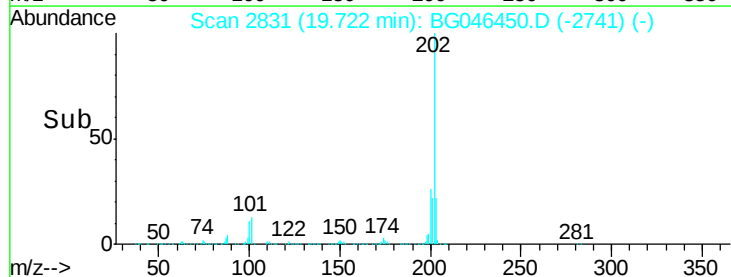
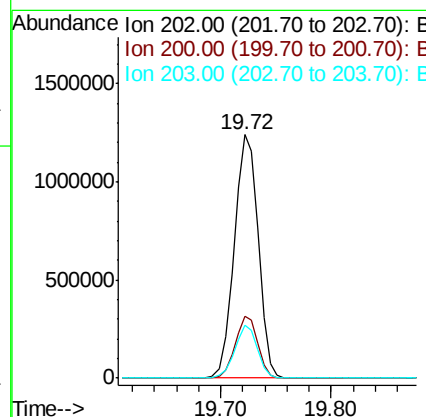
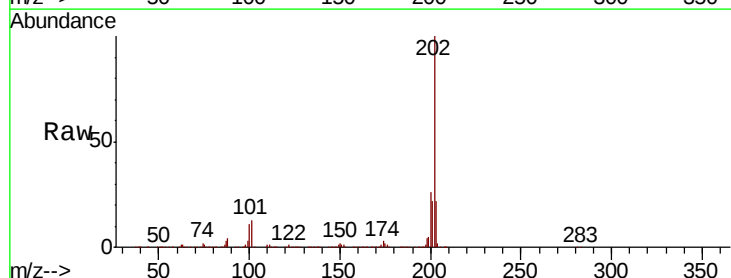
RT: 19.72 min Scan# 2831

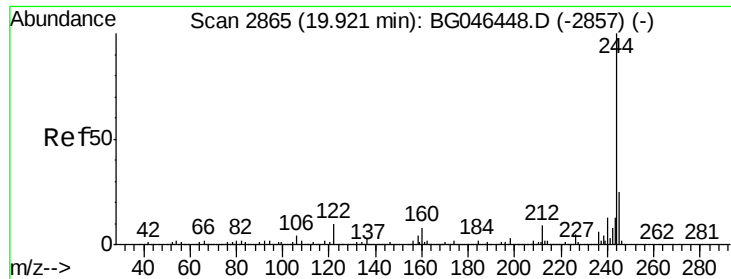
Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.6	18.9	28.3
203	21.6	16.1	24.1





#79

Terphenyl-d14

Concen: 97.691 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:244 Resp: 2554945

Ion Ratio Lower Upper

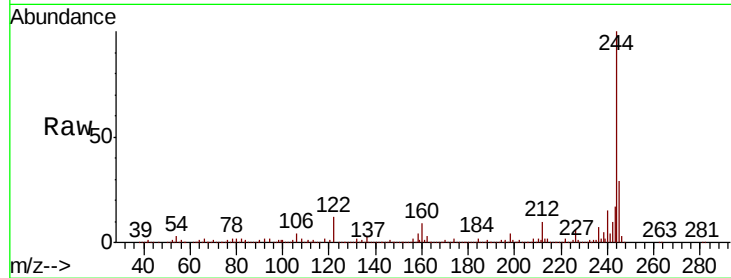
244 100

212 10.4 6.9 10.3#

122 11.7 8.2 12.4

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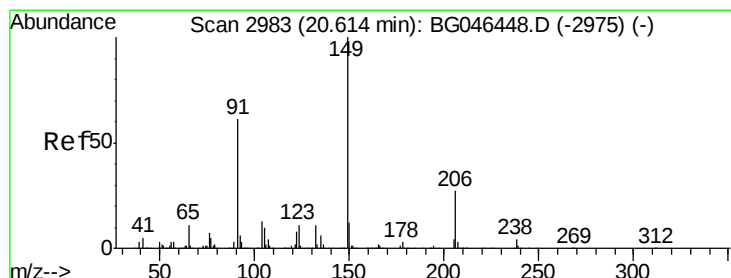
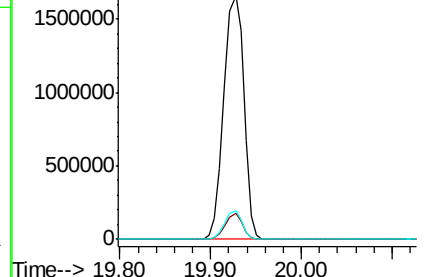
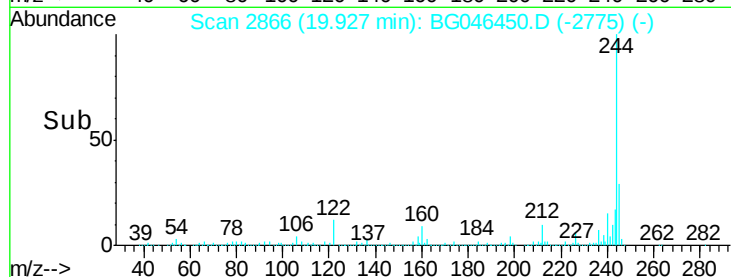
mohammad
8/26/2020 4:00:10 PM



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: 60.501 ng

RT: 20.61 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

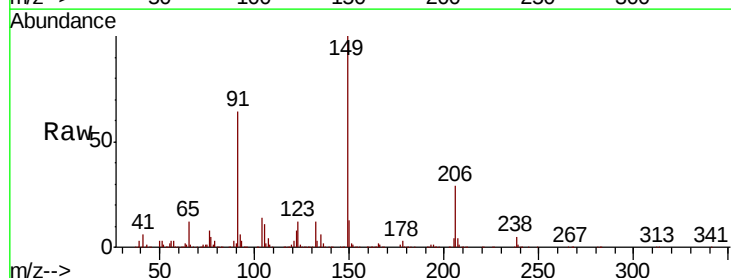
Tgt Ion:149 Resp: 784350

Ion Ratio Lower Upper

149 100

91 63.6 49.1 73.7

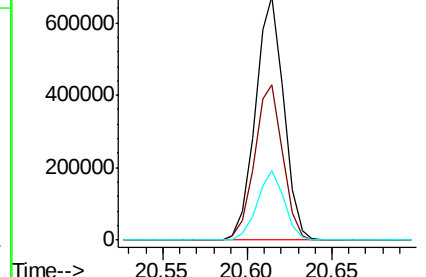
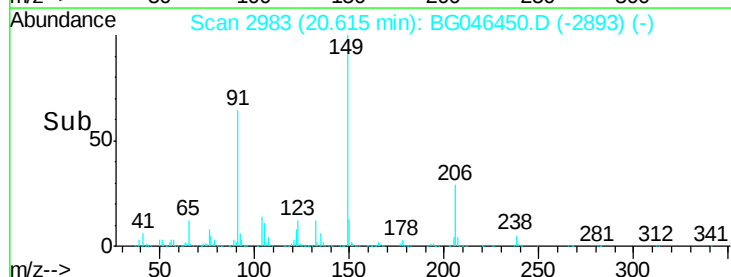
206 28.6 21.9 32.9

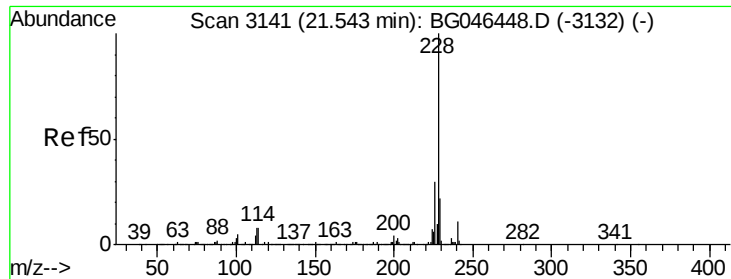


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





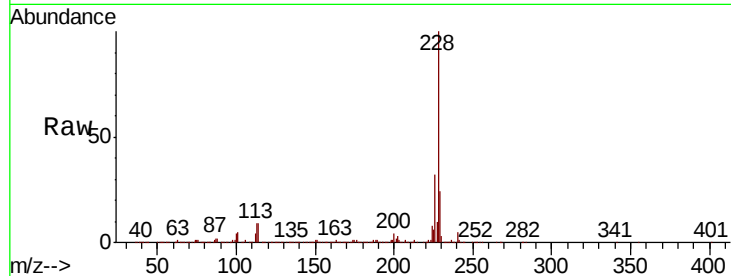
#81
Benzo(a)anthracene
Concen: 52.021 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.2	36.4
229	23.6	17.4	26.2

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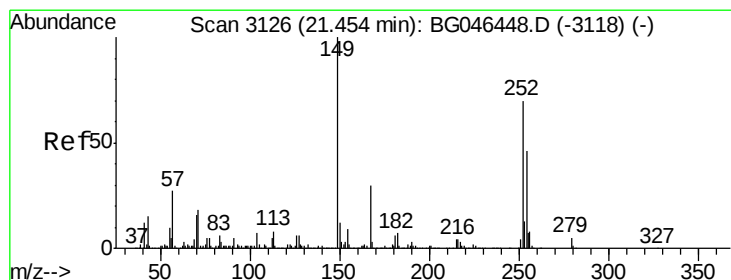
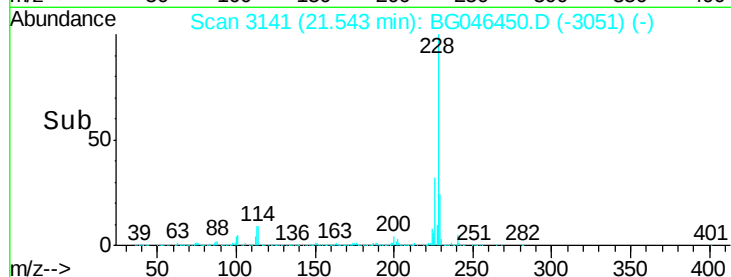
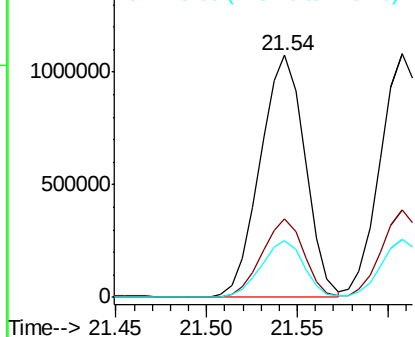


Abundance

Ion 228.00 (227.70 to 228.70): E

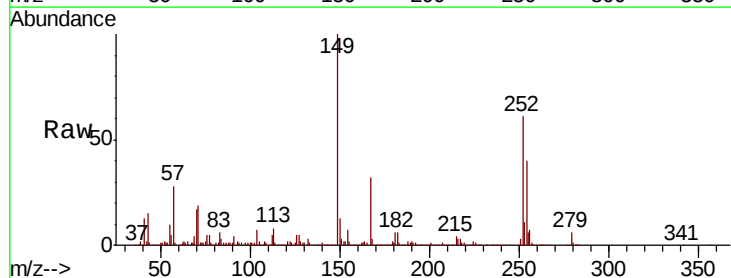
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 49.428 ng
RT: 21.46 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.9	77.9
126	8.2	7.4	11.0

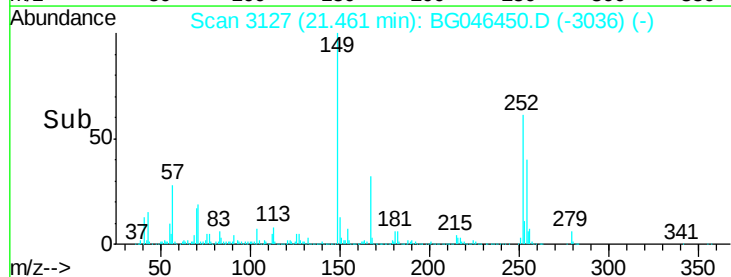
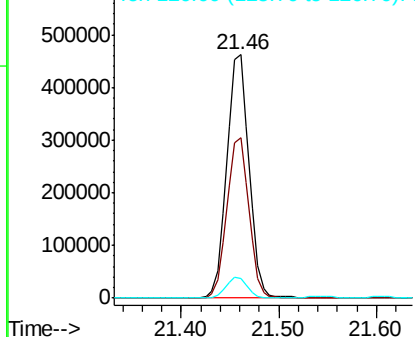


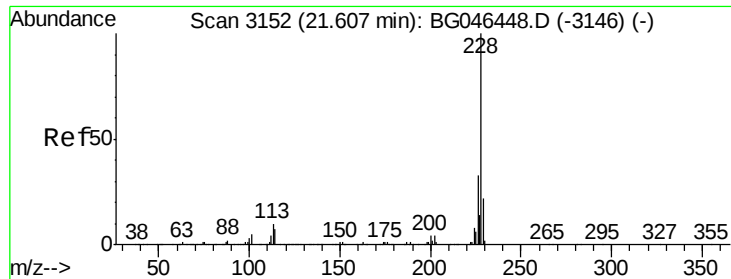
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





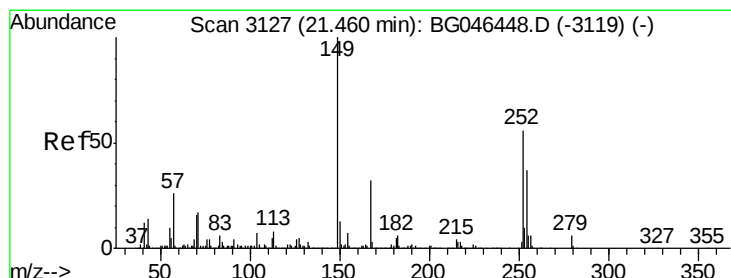
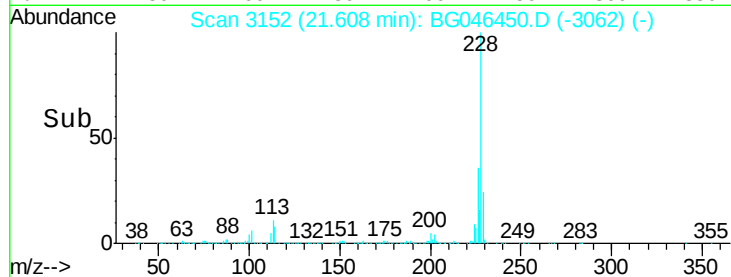
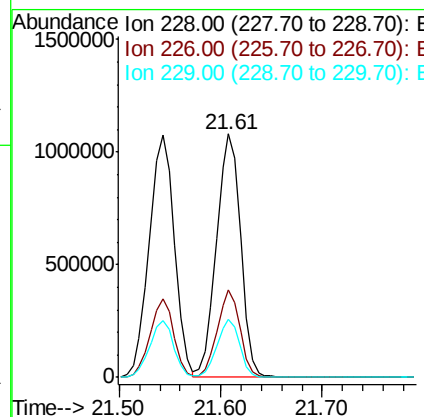
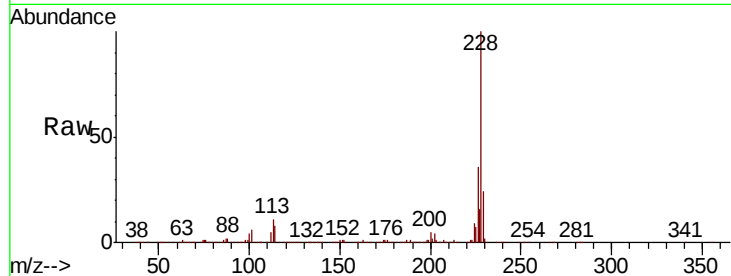
#83
 Chrvsene
 Concen: 51.018 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.9	26.2	39.4
229	24.1	17.9	26.9

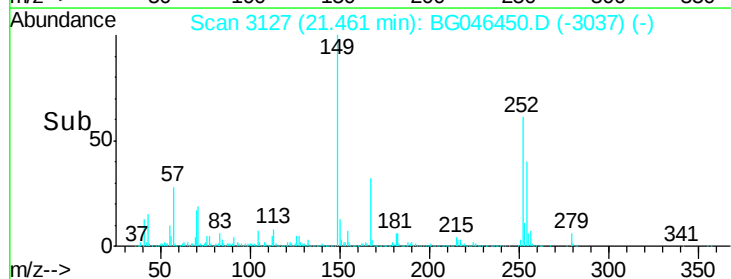
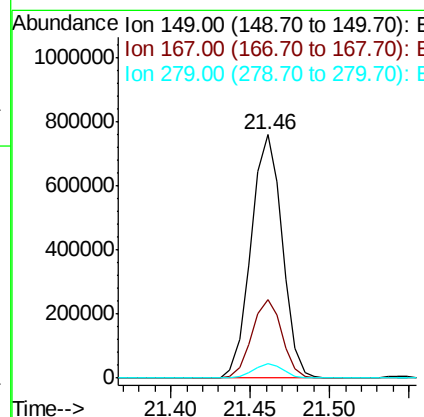
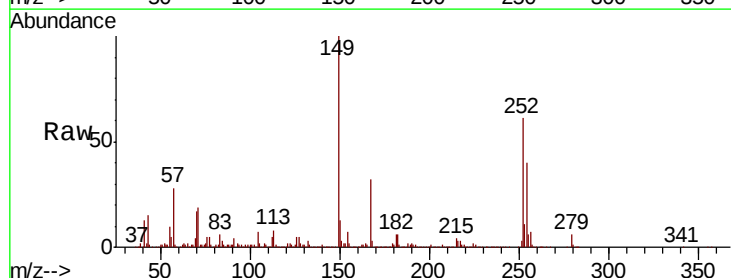
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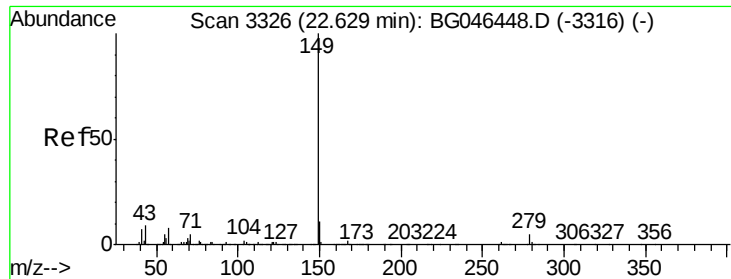
mohammad
 8/26/2020 4:00:10 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.935 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	25.4	38.2
279	5.7	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 57.616 ng

RT: 22.64 min Scan# 3327

Delta R.T. 0.01 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1808103

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

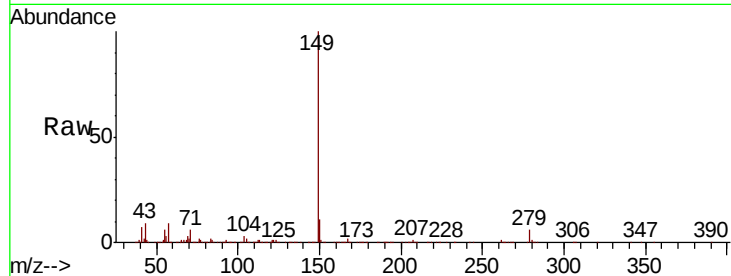
43 9.1 7.0 10.4

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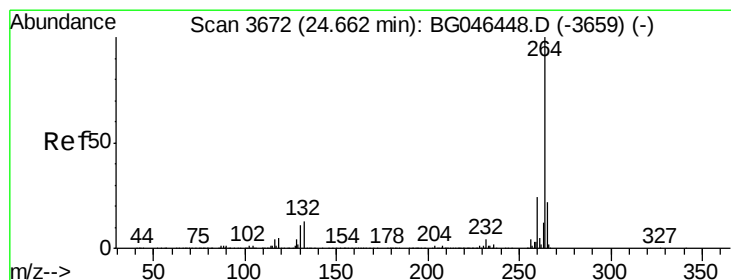
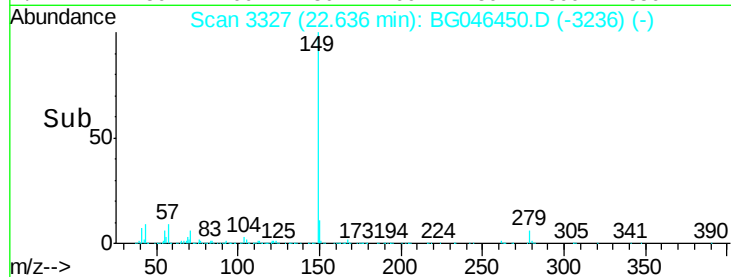
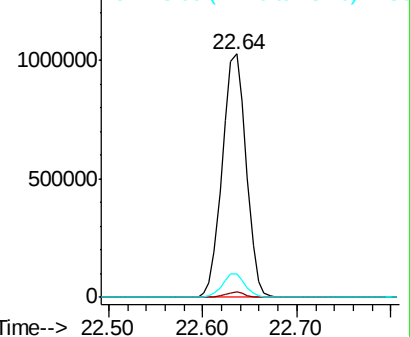
8/26/2020 4:00:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG046450.D

Acq: 25 Aug 2020 16:08

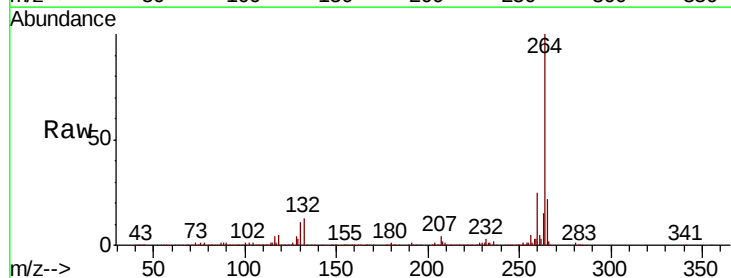
Tgt Ion:264 Resp: 549032

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

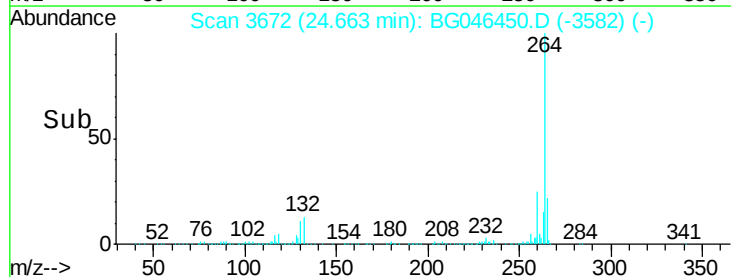
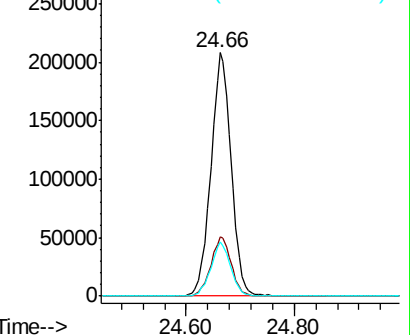
265 22.1 17.9 26.9

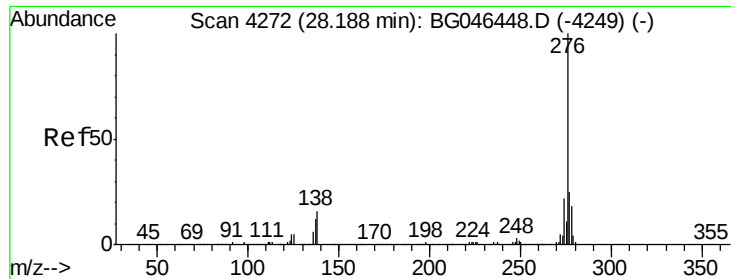


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





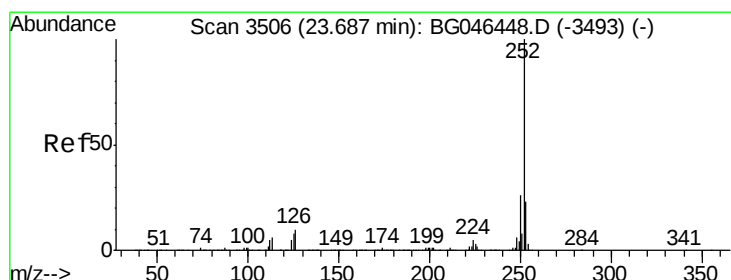
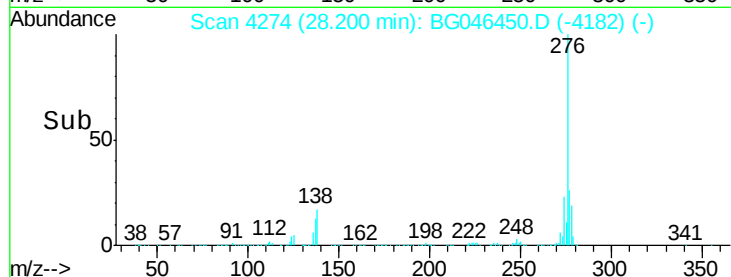
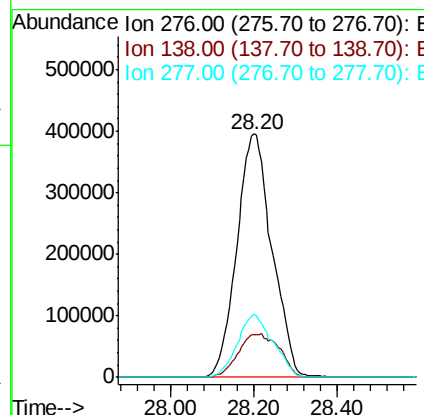
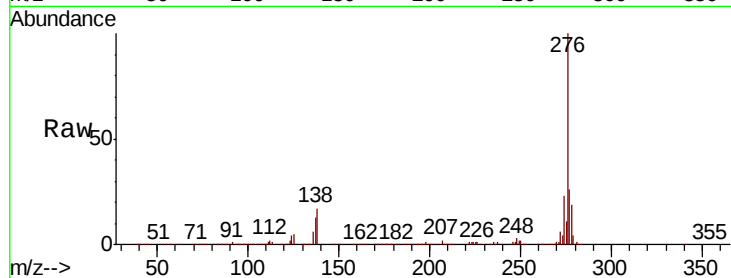
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.398 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. 0.01 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.5	24.7
277	26.1	20.7	31.1

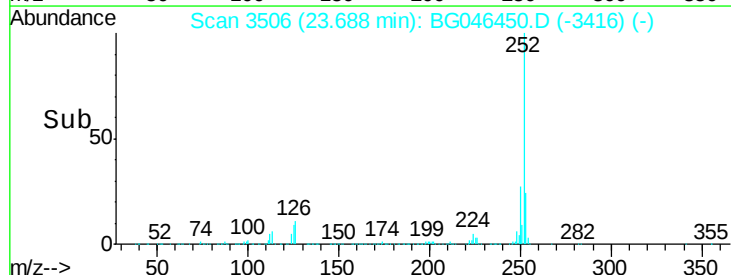
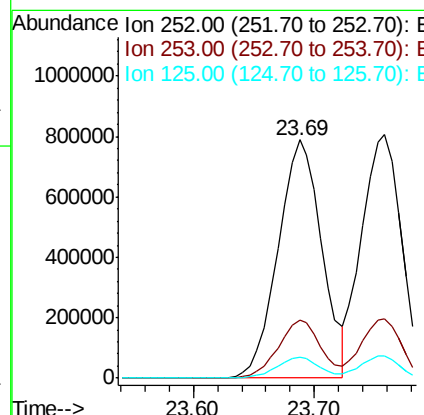
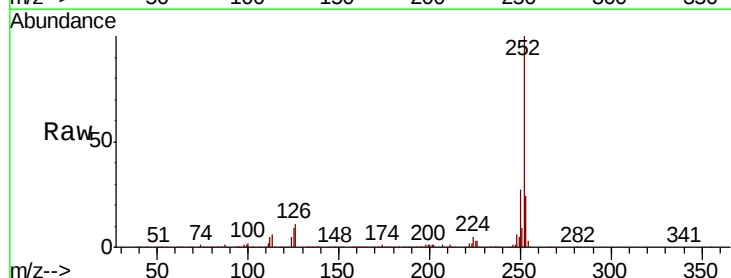
Manual Integrations
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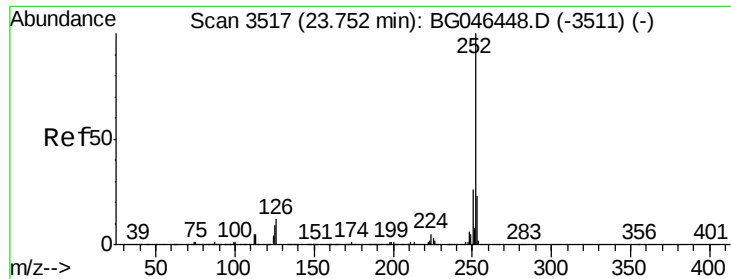
mohammad
 8/26/2020 4:00:10 PM



#88
 Benzo(b)fluoranthene
 Concen: 53.714 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: BG046450.D
 Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	8.9	6.2	9.2





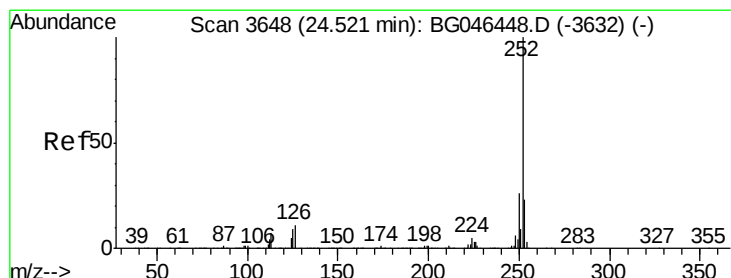
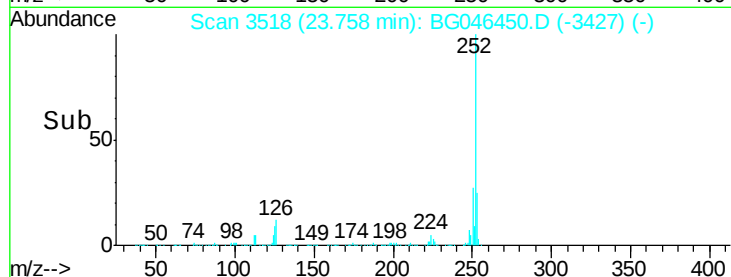
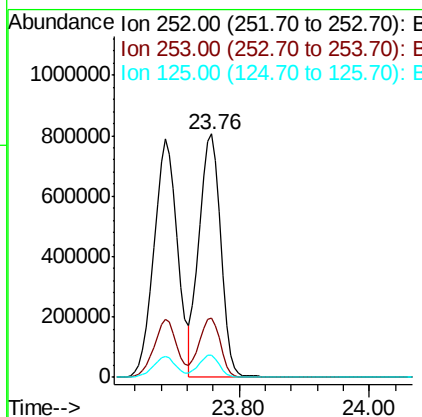
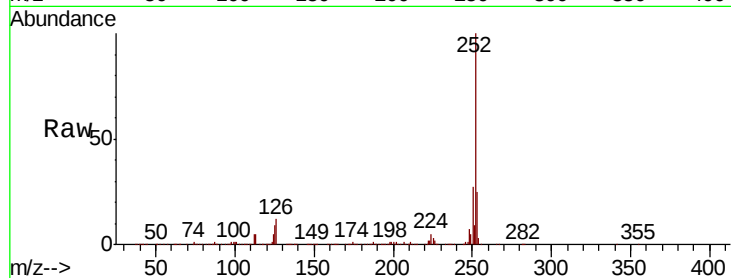
#89
Benzo(k)fluoranthene
Concen: 51.493 ng
RT: 23.76 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	9.0	6.8	10.2

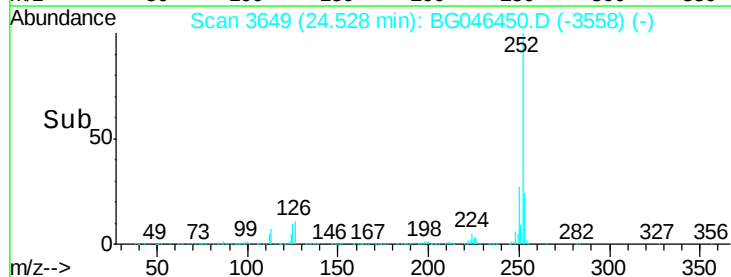
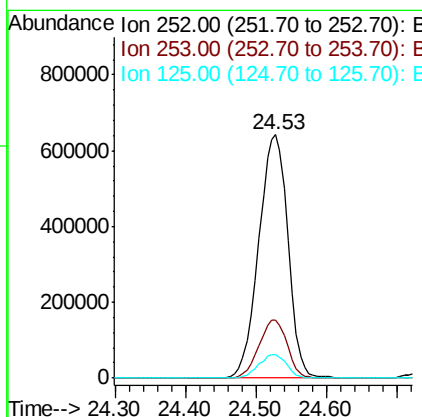
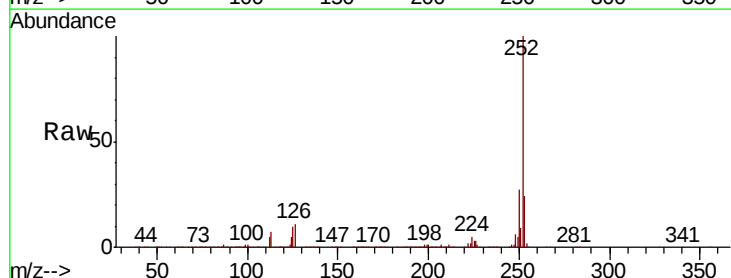
Manual Integrations
APPROVED

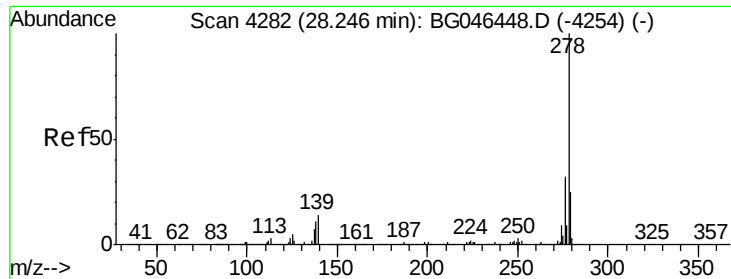
mohammad
8/26/2020 4:00:10 PM



#90
Benzo(a)pyrene
Concen: 54.067 ng
RT: 24.53 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	9.6	7.4	11.0





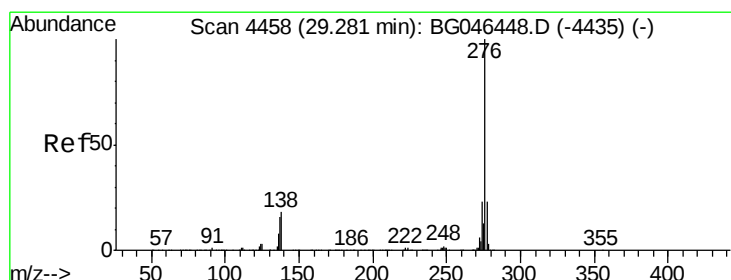
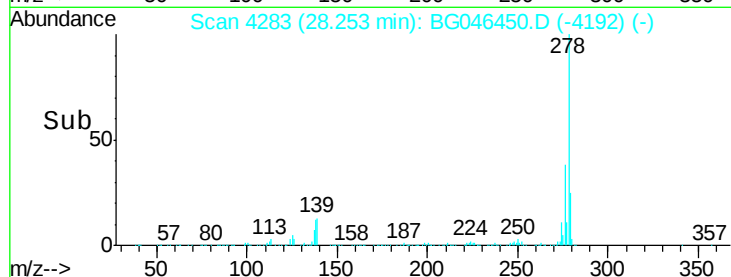
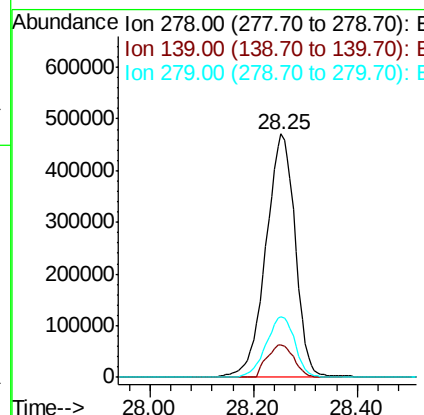
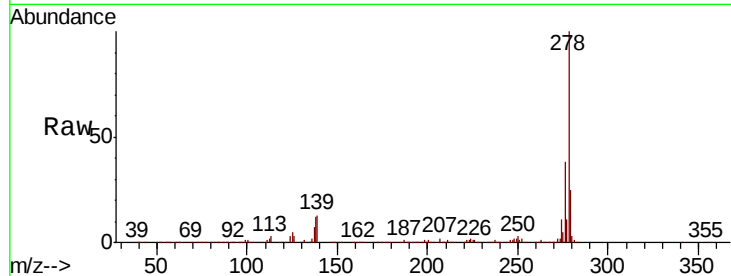
#91
Dibenzo(a,h)anthracene
Concen: 52.791 ng
RT: 28.25 min Scan# 4283
Delta R.T. 0.01 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	25.0	19.8	29.8

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:10 PM



#92
Benzo(g,h,i)perylene
Concen: 52.827 ng
RT: 29.30 min Scan# 4462
Delta R.T. 0.02 min
Lab File: BG046450.D
Acq: 25 Aug 2020 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.7	28.1
138	17.6	14.7	22.1

