

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
 Data File : BG046451.D
 Acq On : 25 Aug 2020 16:49
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
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mohammad
 8/26/2020 4:00:13 PM

Quant Time: Aug 25 18:01:10 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 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84258	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	313665	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	219275	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	523793	20.00	ng	0.00
76) Chrysene-d12	21.57	240	498900	20.00	ng	0.00
86) Perylene-d12	24.67	264	504051	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	691202	145.30	ng	0.00
7) Phenol-d6	7.11	99	968171	143.57	ng	0.00
23) Nitrobenzene-d5	9.10	82	850880	155.04	ng	0.01
42) 2,4,6-Tribromophenol	16.06	330	451647	152.02	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1997171	139.04	ng	0.00
79) Terphenyl-d14	19.93	244	2967933	126.60	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	141281	71.385 ng	98
3) Pyridine	3.82	79	435277m	75.204 ng	
4) n-Nitrosodimethylamine	3.73	42	163617	76.610 ng	95
6) Aniline	7.26	93	562594	74.136 ng	100
8) 2-Chlorophenol	7.51	128	361661	71.931 ng	99
9) Benzaldehyde	7.07	77	224868	59.516 ng	96
10) Phenol	7.14	94	448683	72.236 ng	97
11) bis(2-Chloroethyl)ether	7.36	93	361762	72.458 ng	99
12) 1,3-Dichlorobenzene	7.83	146	459414	71.969 ng	99
13) 1,4-Dichlorobenzene	7.97	146	457191	71.540 ng	98
14) 1,2-Dichlorobenzene	8.29	146	433013	70.665 ng	99
15) Benzyl Alcohol	8.18	79	335288	77.440 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	570512	73.668 ng	99
17) 2-Methylphenol	8.38	107	326910	74.213 ng	98
18) Hexachloroethane	9.02	117	158489	73.143 ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	299914	74.349 ng	98
20) 3+4-Methylphenols	8.72	107	454089	74.684 ng	98
22) Acetophenone	8.76	105	582616	76.306 ng	# 98
24) Nitrobenzene	9.14	77	420853	77.623 ng	99
25) Isophorone	9.66	82	792257	78.742 ng	99
26) 2-Nitrophenol	9.84	139	235934	82.478 ng	97
27) 2,4-Dimethylphenol	9.91	122	312285	79.373 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	506274	78.177 ng	98
29) 2,4-Dichlorophenol	10.38	162	414184	78.969 ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	478291	76.858 ng	99
31) Naphthalene	10.78	128	1154024	75.352 ng	97
32) Benzoic acid	10.11	122	281517	115.434 ng	98
33) 4-Chloroaniline	10.89	127	534868	79.201 ng	100
34) Hexachlorobutadiene	11.08	225	314964	77.966 ng	99
35) Caprolactam	11.69	113	155909m	79.533 ng	
36) 4-Chloro-3-methylphenol	12.02	107	409892	79.904 ng	95
37) 2-Methylnaphthalene	12.39	142	911547	75.468 ng	99
38) 1-Methylnaphthalene	12.61	142	866673	75.750 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	549198	75.952 ng	99

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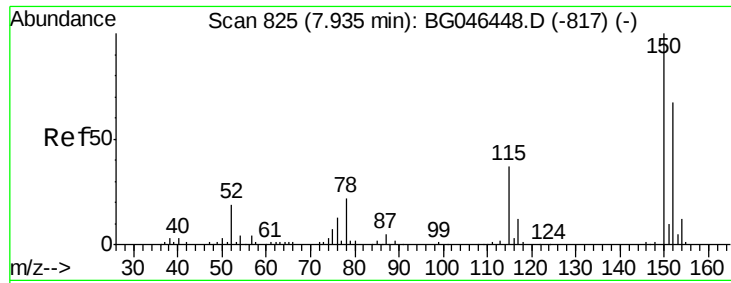
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	292050	92.887	nq	97
43) 2,4,6-Trichlorophenol	13.01	196	391306	80.192	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	404157	78.831	nq	99
46) 1,1'-Biphenyl	13.40	154	1138216	74.608	nq	97
47) 2-Chloronaphthalene	13.45	162	969704	74.968	nq	98
48) 2-Nitroaniline	13.65	65	290878	80.985	nq	98
49) Acenaphthylene	14.29	152	1440605	73.421	nq	97
50) Dimethylphthalate	14.03	163	1226322	72.289	nq	98
51) 2,6-Dinitrotoluene	14.14	165	290006	77.552	nq	98
52) Acenaphthene	14.63	154	912447	75.043	nq	98
53) 3-Nitroaniline	14.47	138	321564	79.386	nq	100
54) 2,4-Dinitrophenol	14.68	184	199114	100.307	nq	98
55) Dibenzofuran	14.97	168	1406129	72.061	nq	96
56) 4-Nitrophenol	14.79	139	251052	84.214	nq	98
57) 2,4-Dinitrotoluene	14.93	165	418322	78.454	nq	98
58) Fluorene	15.62	166	1162014	70.953	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	388964	78.128	nq	98
60) Diethylphthalate	15.39	149	1200408	72.576	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	668201	74.083	nq	96
62) 4-Nitroaniline	15.64	138	334740	78.319	nq	98
63) Azobenzene	15.90	77	998678	74.227	nq	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	262887	88.672	nq	99
66) n-Nitrosodiphenylamine	15.83	169	1062949	75.222	nq	97
67) 4-Bromophenyl-phenylether	16.50	248	481133	78.733	nq	97
68) Hexachlorobenzene	16.63	284	516487	76.315	nq	98
69) Atrazine	16.78	200	421036	73.037	nq	98
70) Pentachlorophenol	16.97	266	314389	88.910	nq	99
71) Phenanthrene	17.35	178	1873169	70.554	nq	95
72) Anthracene	17.45	178	1844435	70.413	nq	93
73) Carbazole	17.71	167	1743535	70.498	nq	96
74) Di-n-butylphthalate	18.28	149	1964097	69.063	nq	96
75) Fluoranthene	19.36	202	2241790	65.614	nq	95
77) Benzidine	19.54	184	1020982	88.070	nq	98
78) Pyrene	19.73	202	2242436	70.585	nq	93
80) Butylbenzylphthalate	20.61	149	951418	76.777	nq	94
81) Benzo(a)anthracene	21.54	228	2216381	71.275	nq	94
82) 3,3'-Dichlorobenzidine	21.46	252	876437	75.948	nq	97
83) Chrysene	21.61	228	2128856	71.170	nq	94
84) Bis(2-ethylhexyl)phthalate	21.46	149	1228596	72.651	nq	98
85) Di-n-octyl phthalate	22.63	149	2156218	74.465	nq	98
87) Indeno(1,2,3-cd)pyrene	28.22	276	2835818	78.333	nq	99
88) Benzo(b)fluoranthene	23.69	252	2323395	73.820	nq	95
89) Benzo(k)fluoranthene	23.76	252	2275455	74.807	nq	95
90) Benzo(a)pyrene	24.53	252	2220639	75.605	nq	97
91) Dibenzo(a,h)anthracene	28.26	278	2261171	77.400	nq	99
92) Benzo(g,h,i)perylene	29.31	276	2282087	78.227	nq	97

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



#1

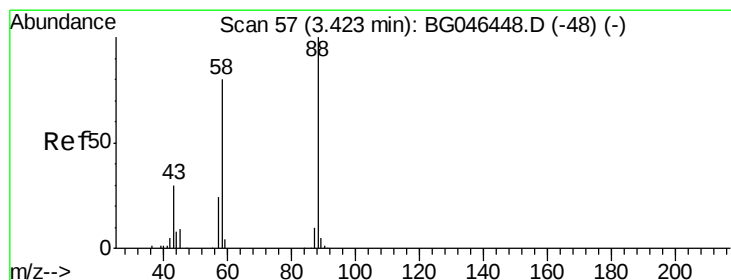
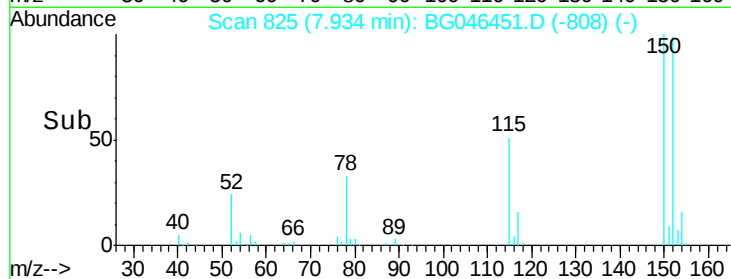
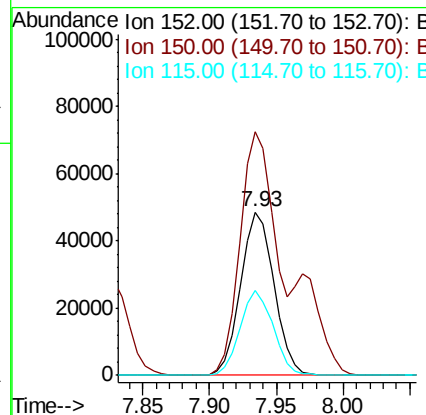
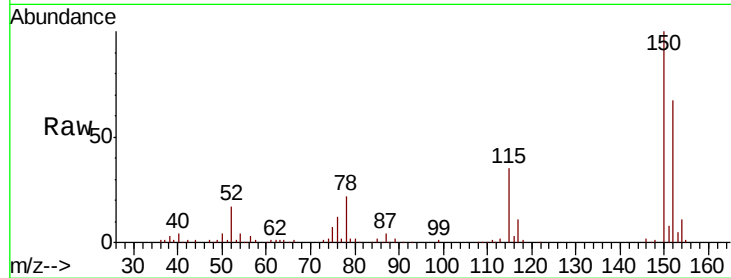
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	51.7	44.3	66.5

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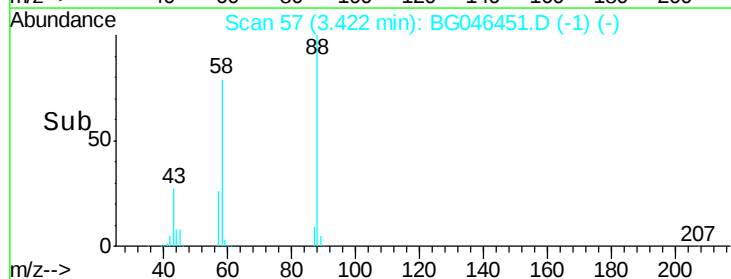
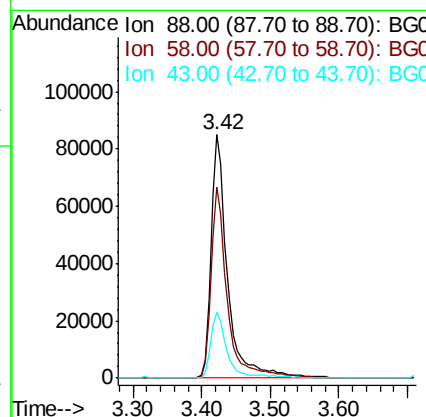
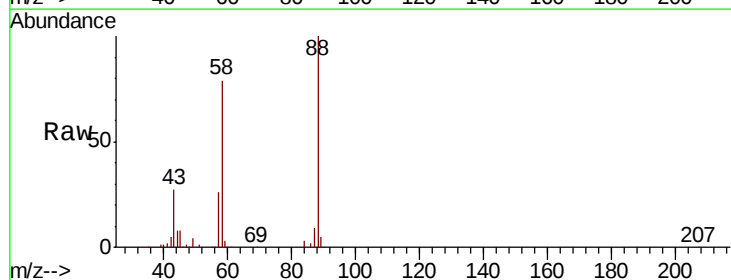
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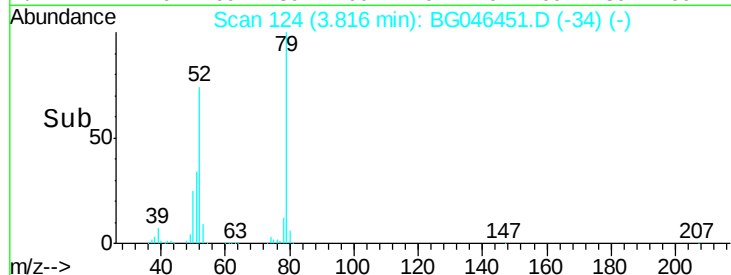
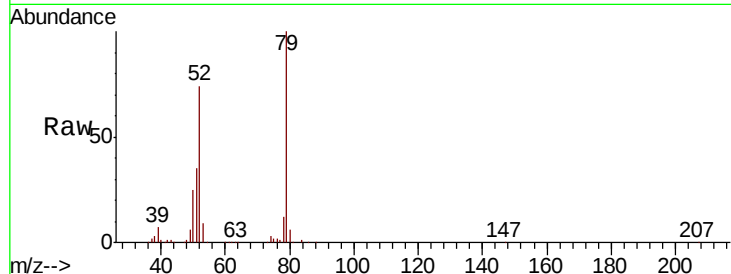
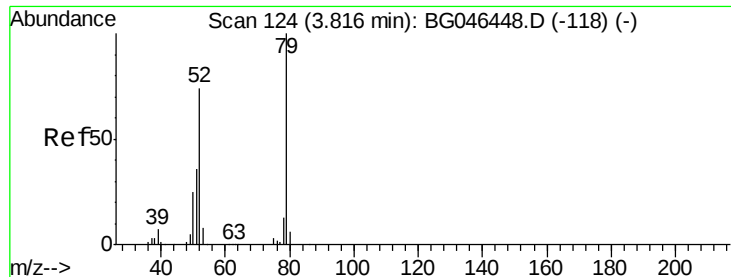


#2

1,4-Dioxane
Concen: 71.385 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	61.4	92.2
43	27.9	21.6	32.4





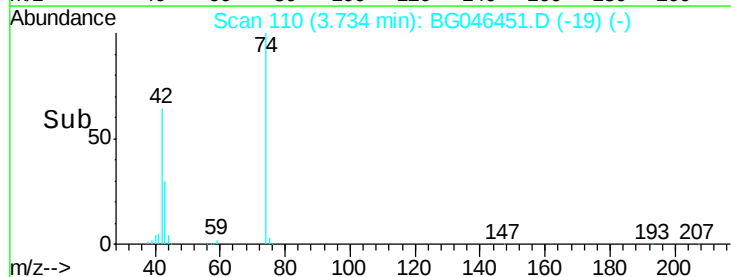
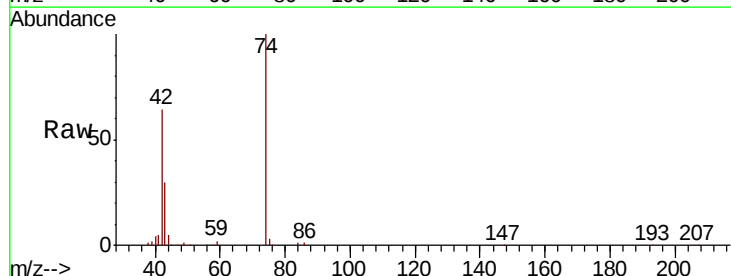
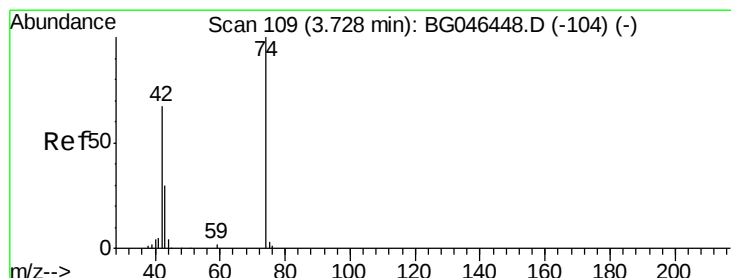
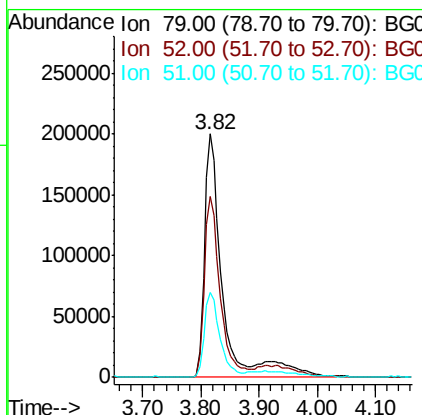
#3
 Pvridine
 Concen: 75.204 ng/ml
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	74.4	59.1	88.7
51	51	34.7	29.0	43.6

Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC080

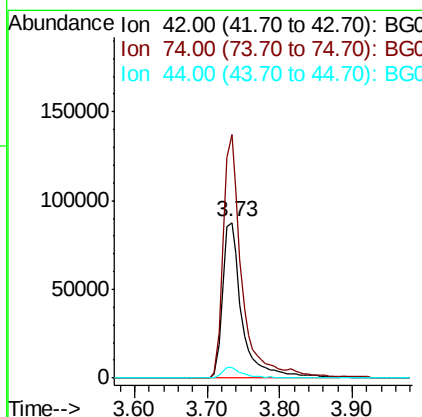
Manual Integrations
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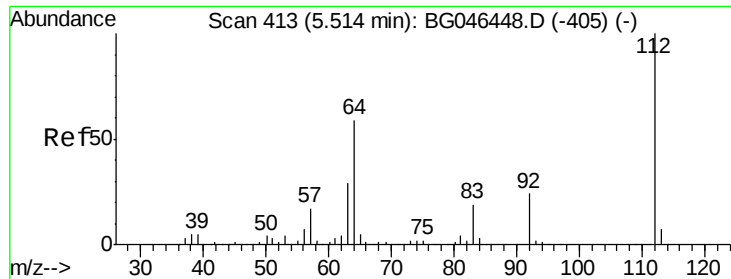
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#4
 n-Nitrosodimethylamine
 Concen: 76.610 ng/ml
 RT: 3.73 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	156.4	119.5	179.3
44	44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 145.297 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

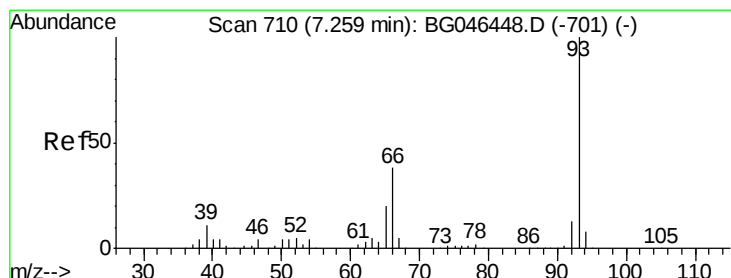
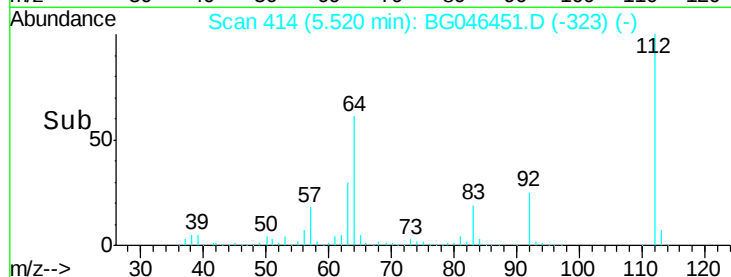
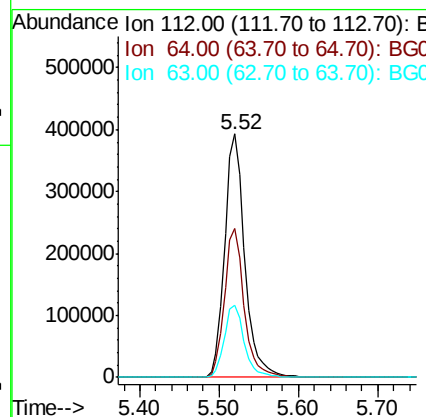
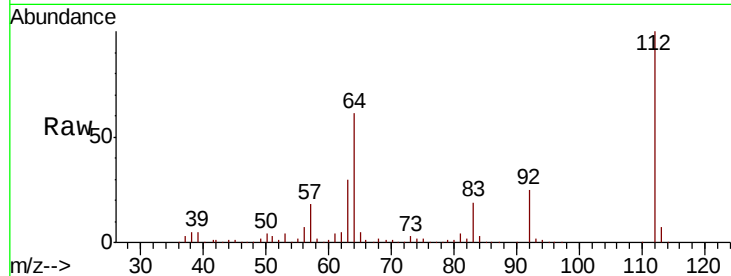
ClientSampleId :

SSTDICC080

Tot Ion:	112	Resp:	691202
Ion Ratio	Lower	Upper	
112	100		
64	61.1	47.0	70.6
63	29.9	23.5	35.3

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#6

Aniline

Concen: 74.136 ng

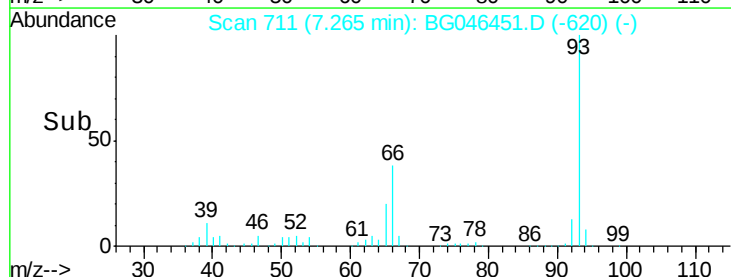
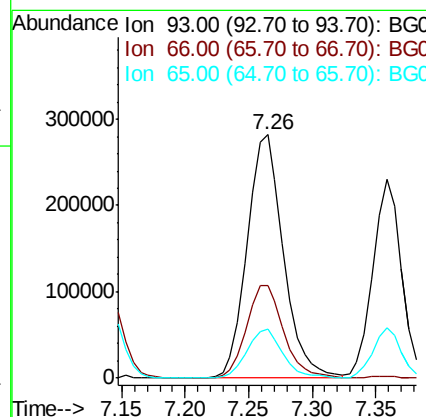
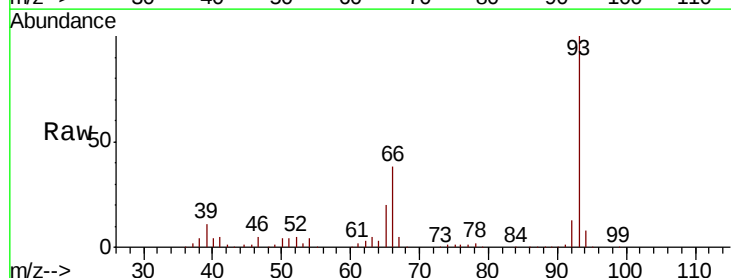
RT: 7.26 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	93	Resp:	562594
Ion Ratio	Lower	Upper	
93	100		
66	38.1	30.4	45.6
65	20.1	15.8	23.6





#7

Phenol-d6

Concen: 143.565 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

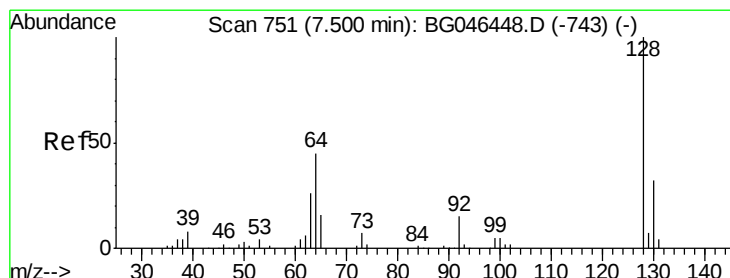
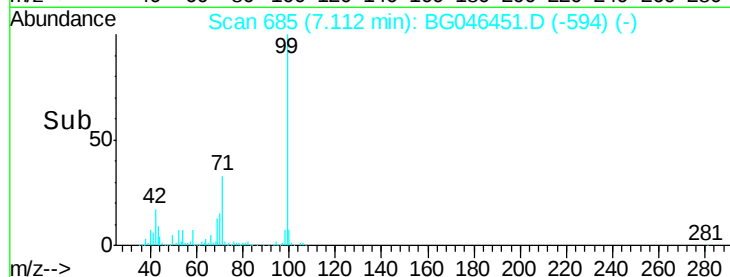
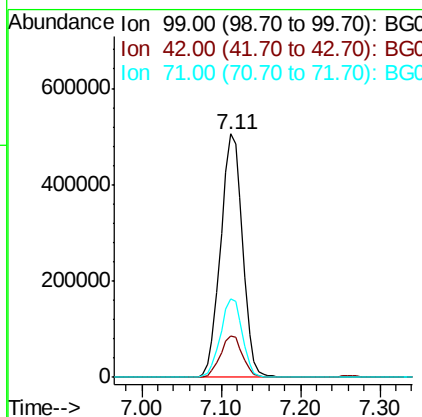
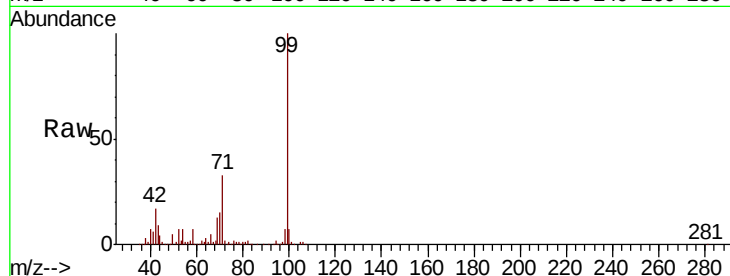
ClientSampleId :

SSTDICC080

Tot Ion:	99	Resp:	968171
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.3	19.9
71	32.5	25.3	37.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 71.931 ng

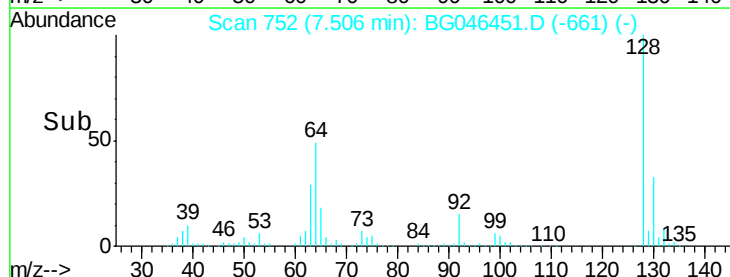
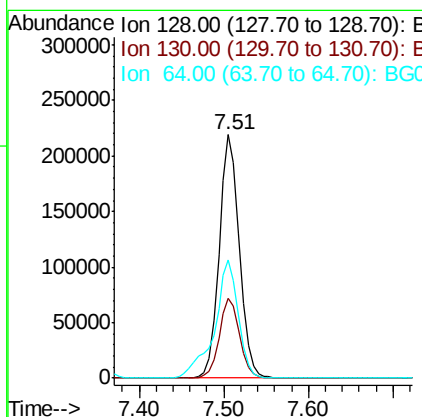
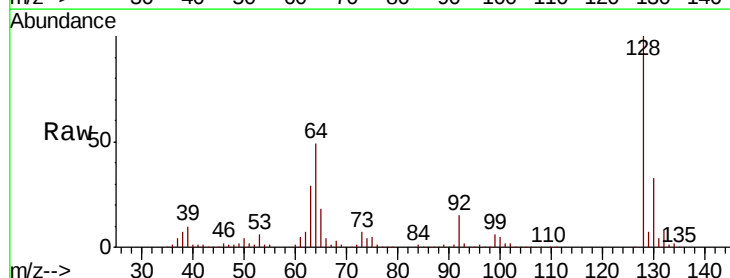
RT: 7.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	128	Resp:	361661
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.4	52.4
64	48.7	28.1	68.1





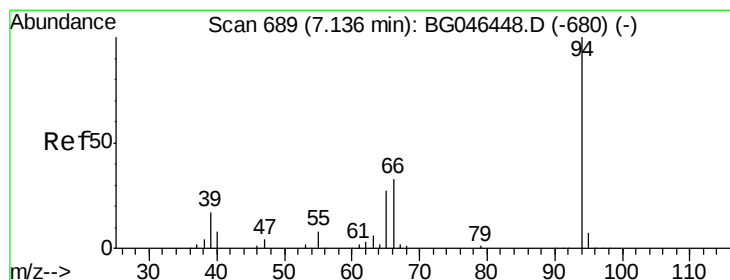
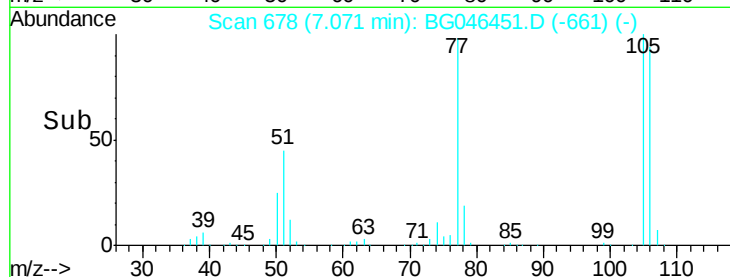
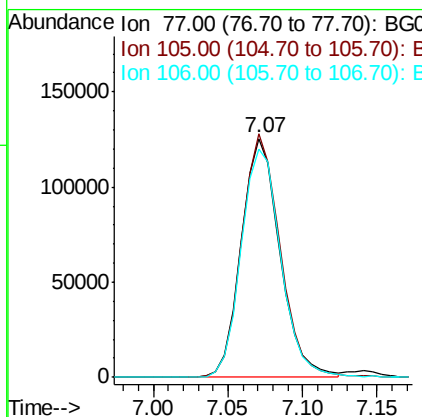
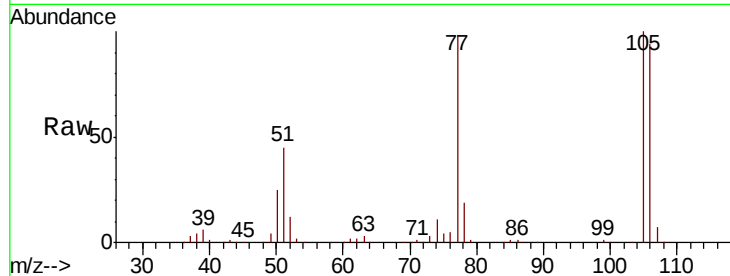
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Benzaldehyde
Concen: 59.516 ng
RT: 7.07 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	85.6	125.6
106	95.7	80.8	120.8

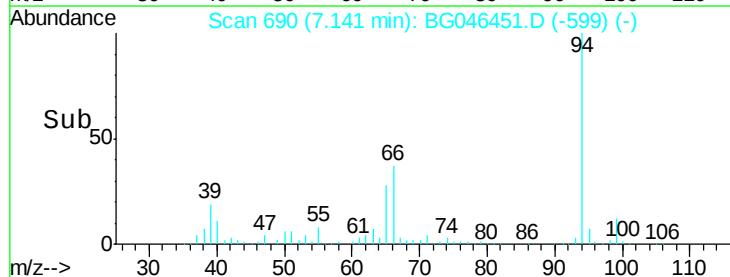
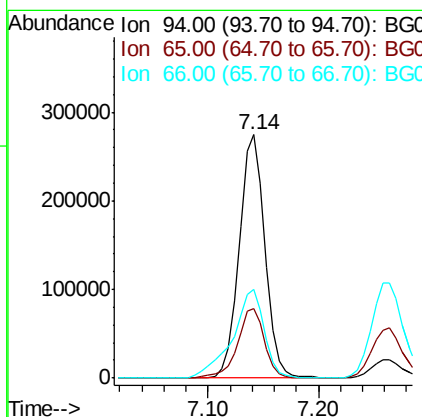
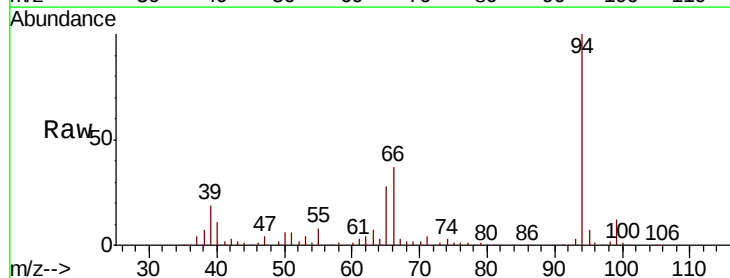
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#10
Phenol
Concen: 72.236 ng
RT: 7.14 min Scan# 690
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.5	47.5
66	36.5	14.1	54.1





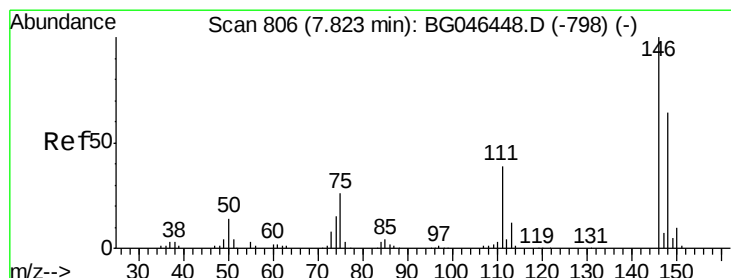
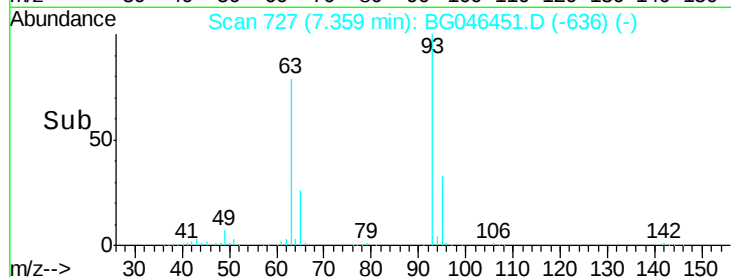
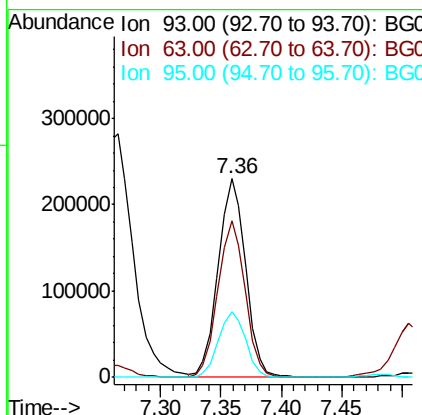
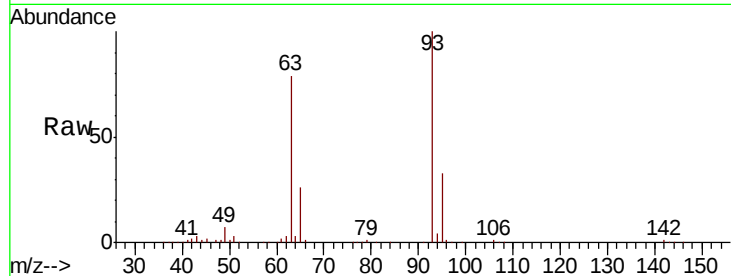
#11
bis(2-Chloroethyl)ether
Concen: 72.458 ng
RT: 7.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	57.7	97.7
95	33.0	12.3	52.3

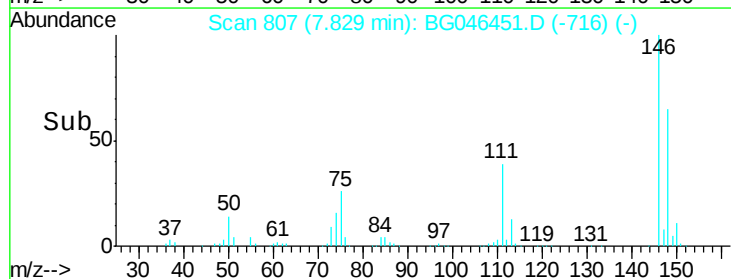
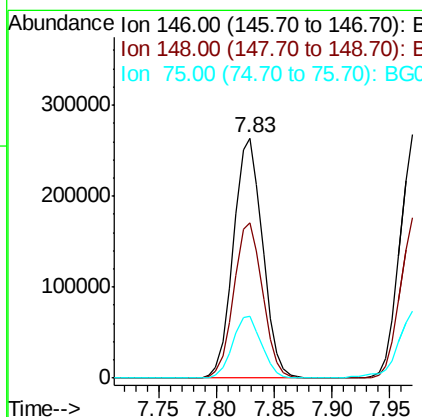
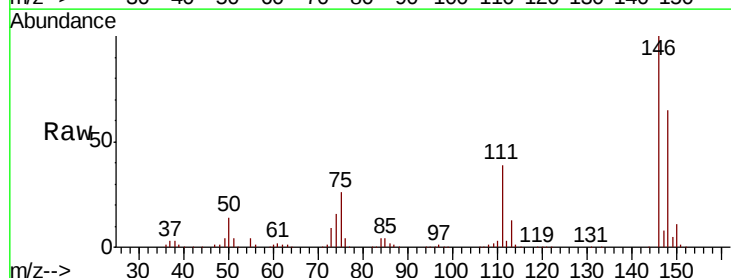
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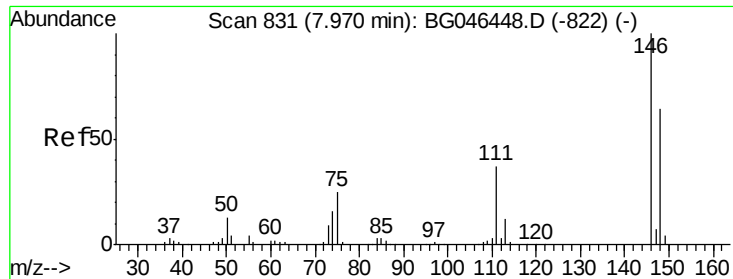
mohammad
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#12
1,3-Dichlorobenzene
Concen: 71.969 ng
RT: 7.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	25.7	20.7	31.1





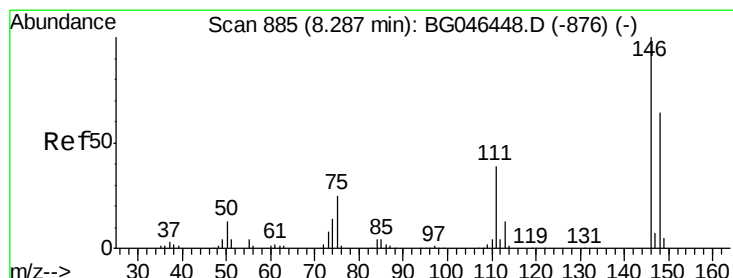
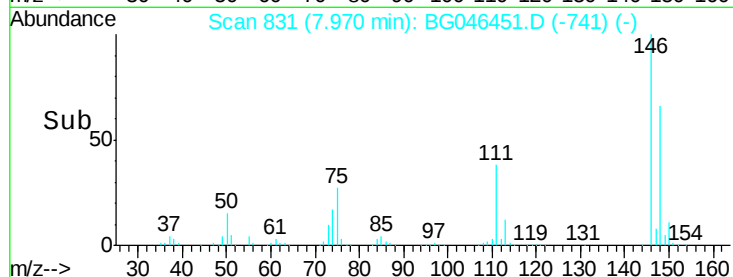
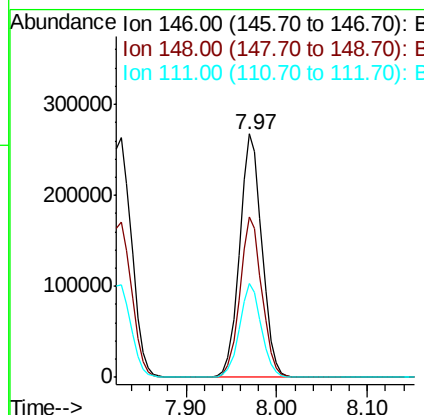
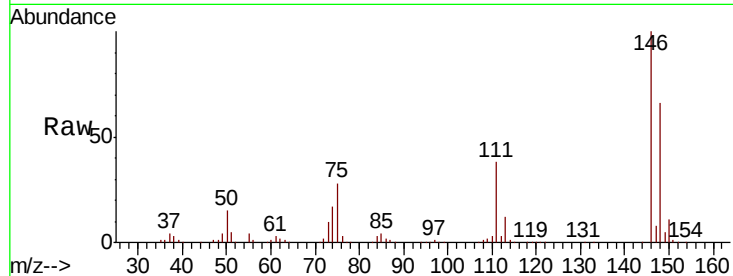
#13
 1,4-Dichlorobenzene
 Concen: 71.540 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.7	50.9	76.3	
111	38.4	29.8	44.6	

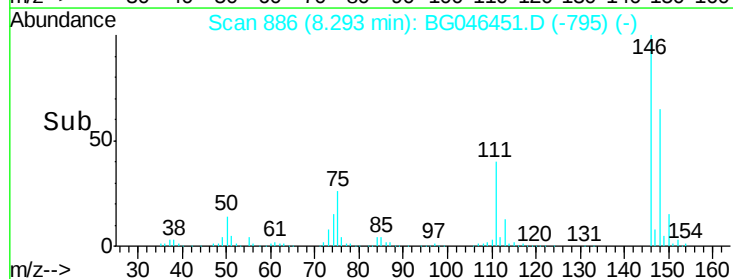
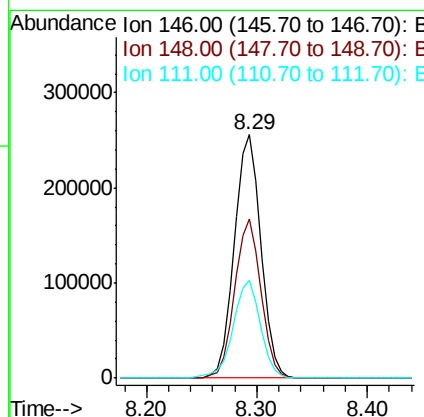
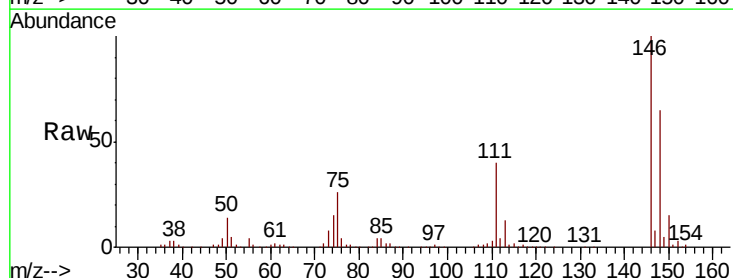
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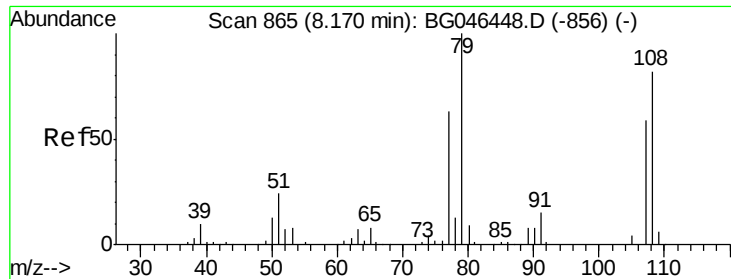
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 70.665 ng
 RT: 8.29 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.3	51.4	77.0	
111	40.2	31.4	47.2	





#15

Benzyl Alcohol

Concen: 77.440 ng

RT: 8.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

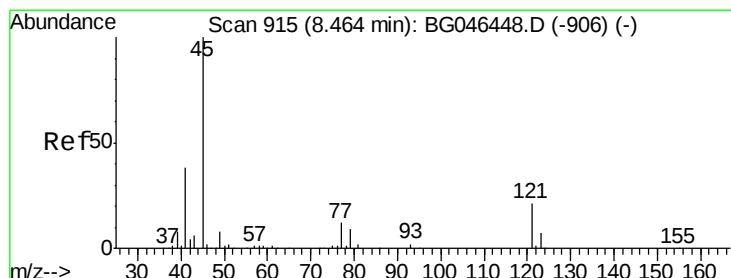
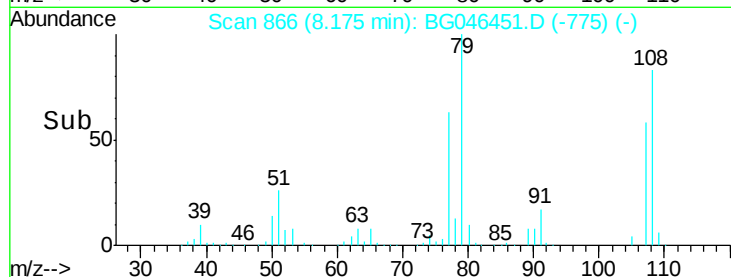
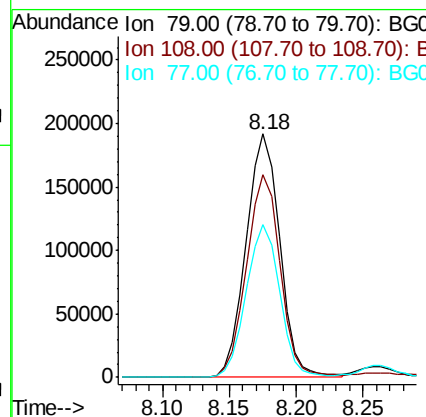
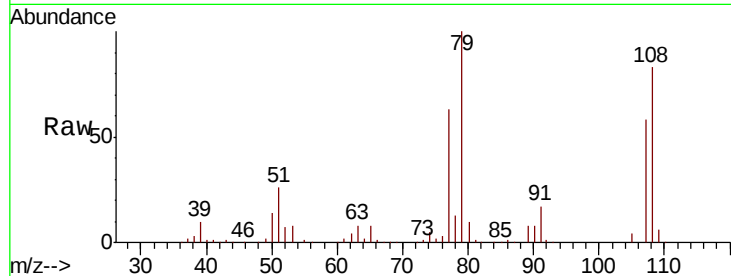
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	335288
Ion Ratio	Lower	Upper	
79	100		
108	83.0	65.7	98.5
77	62.8	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.668 ng

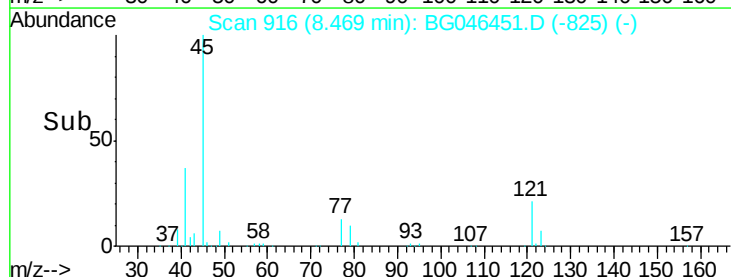
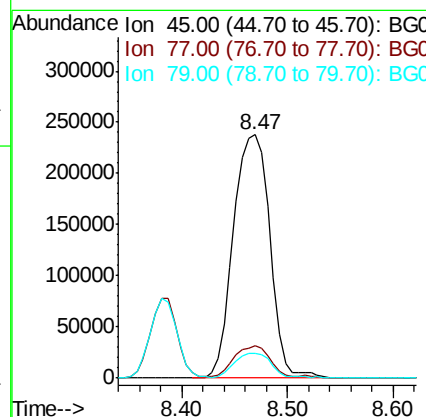
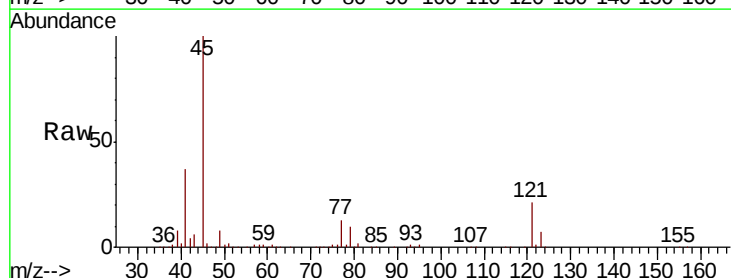
RT: 8.47 min Scan# 916

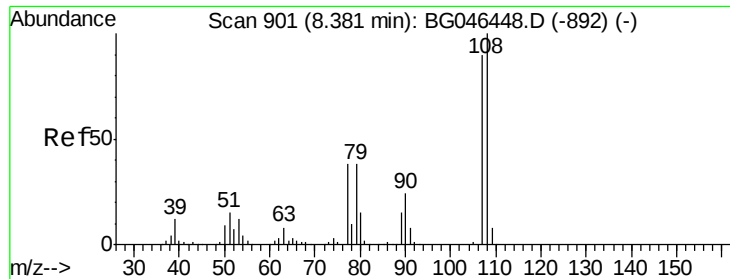
Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	45	Resp:	570512
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	33.2
79	10.4	0.0	30.3





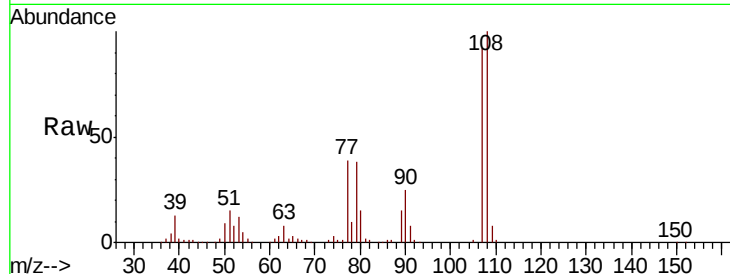
#17
2-Methylphenol
Concen: 74.213 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	89.4	134.0	
77	42.0	34.5	51.7	
79	41.9	33.8	50.6	

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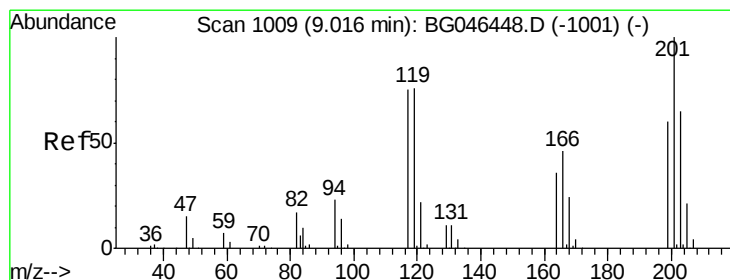
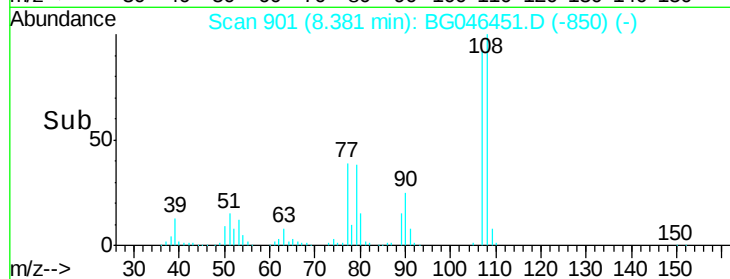
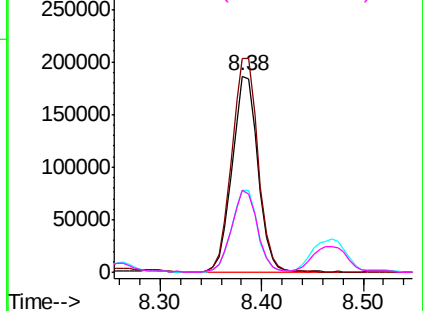
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

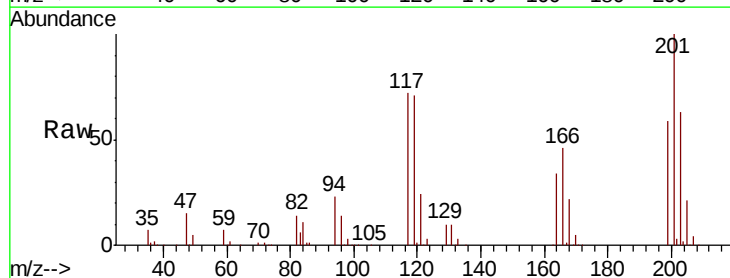
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 73.143 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	80.8	121.2	
201	138.0	106.7	160.1	

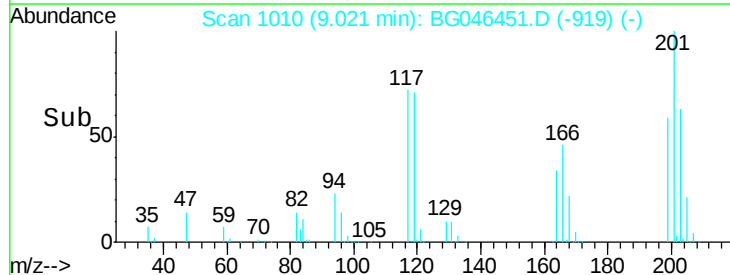
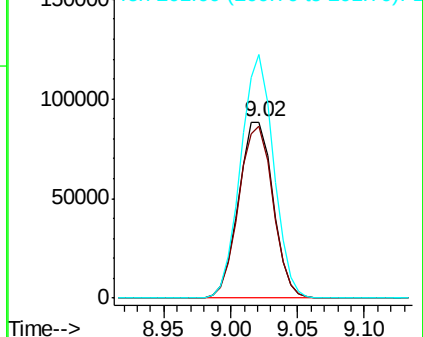


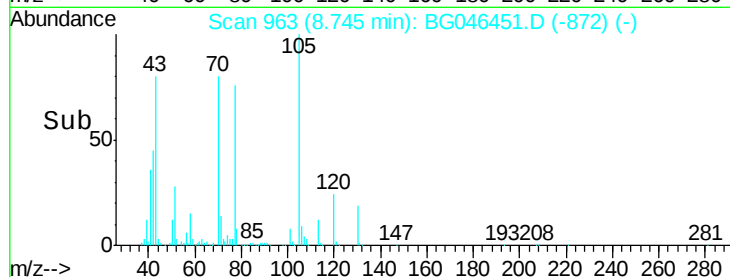
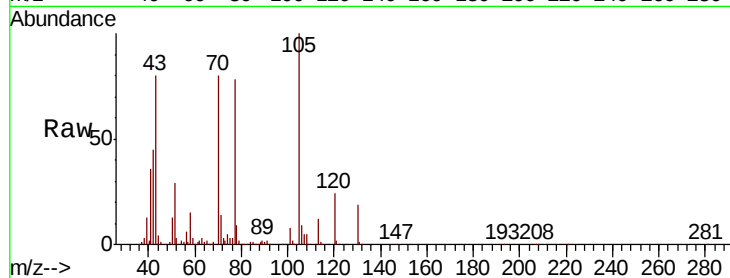
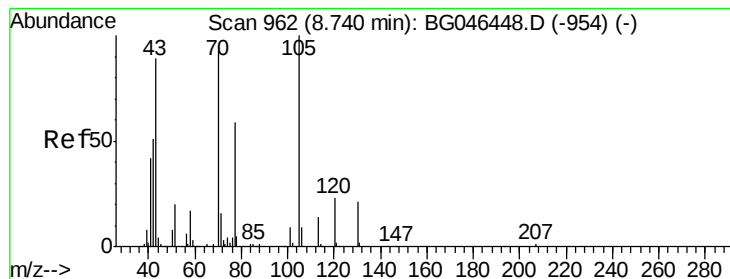
Abundance

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: 74.349 ng

RT: 8.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 299914

Ion Ratio Lower Upper

70 100

42 56.7 44.2 66.2

101 10.5 7.8 11.8

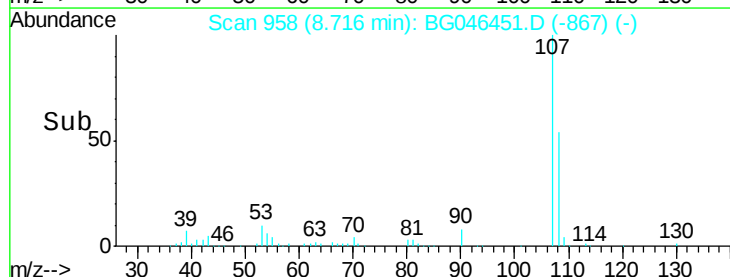
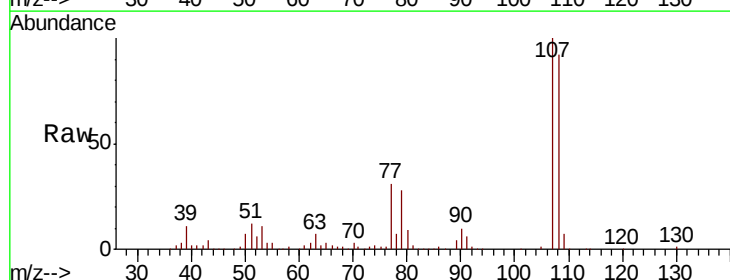
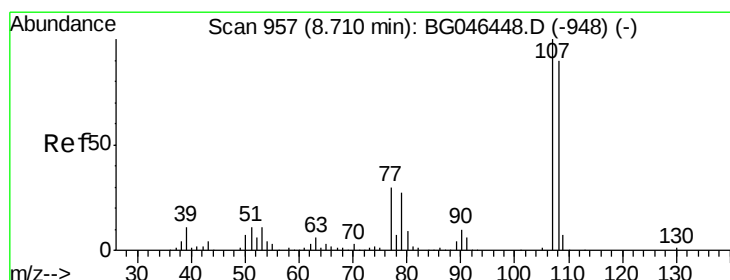
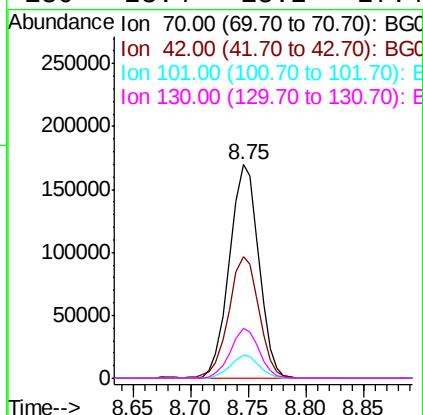
130 23.4 18.2 27.4

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#20

3+4-Methylphenols

Concen: 74.684 ng

RT: 8.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion: 107 Resp: 454089

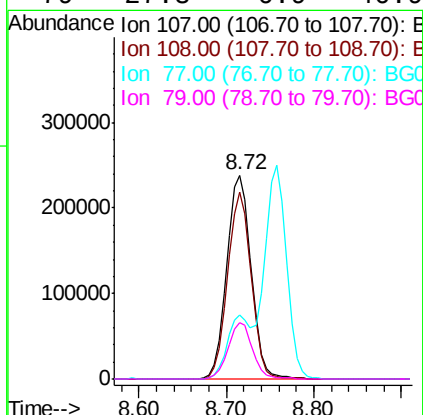
Ion Ratio Lower Upper

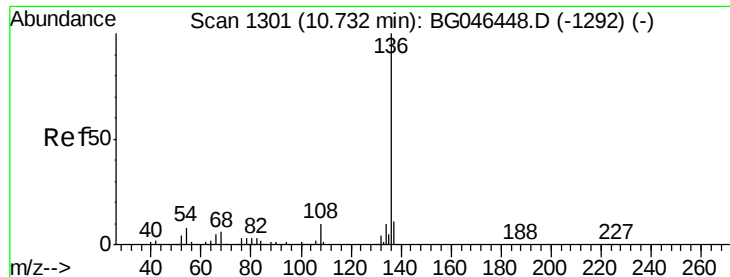
107 100

108 91.6 69.7 109.7

77 31.5 9.7 49.7

79 27.8 6.9 46.9





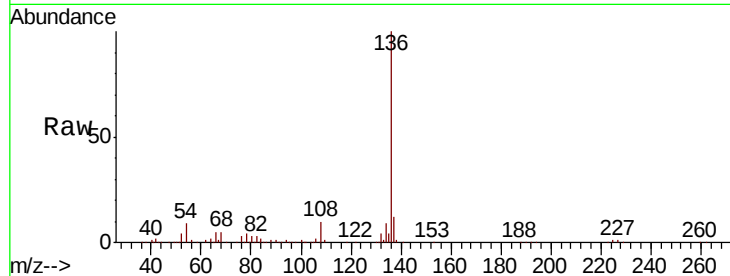
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		313665		
137	11.7	8.8	13.2		
54	8.6	6.1	9.1		
68	5.2	4.8	7.2		

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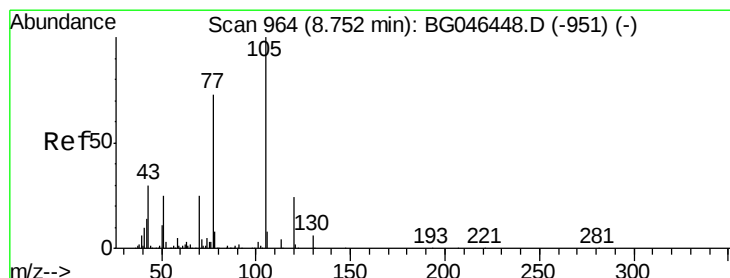
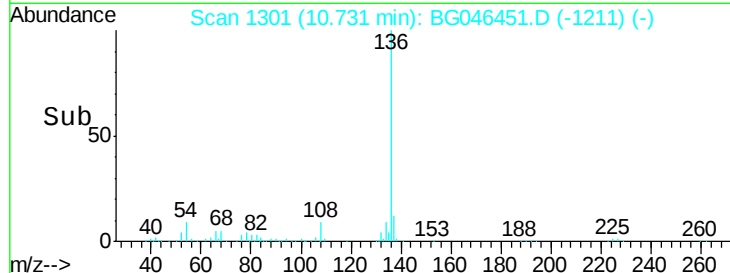
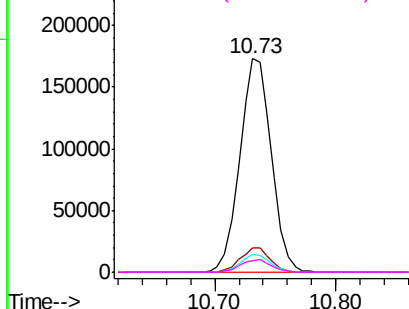
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 76.306 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		582616		
71	5.9	3.3	4.9#		
51	26.9	20.6	31.0		
120	23.7	19.0	28.6		

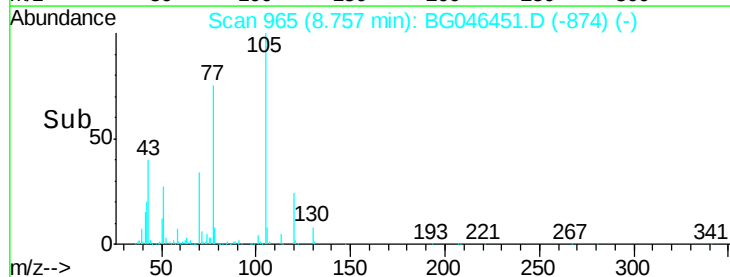
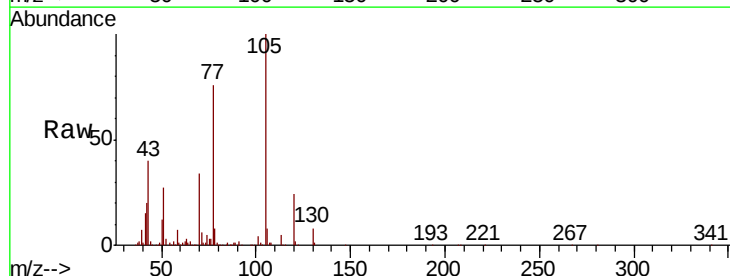
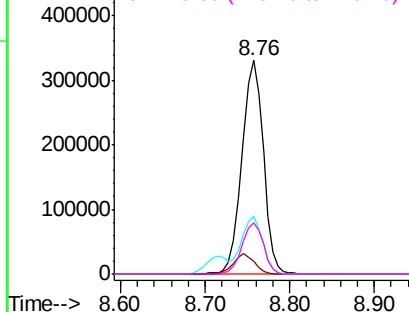
Abundance

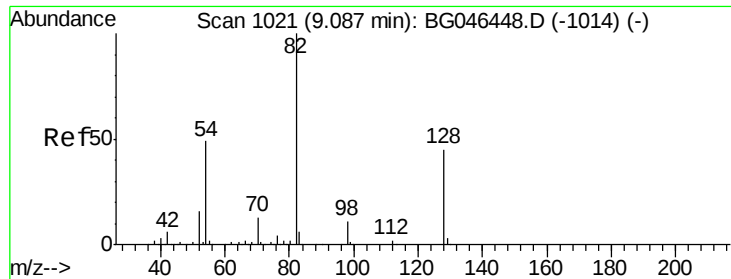
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





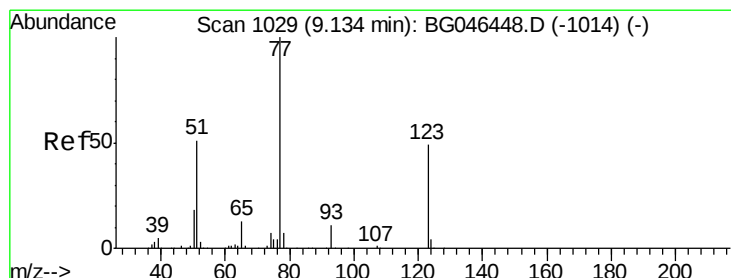
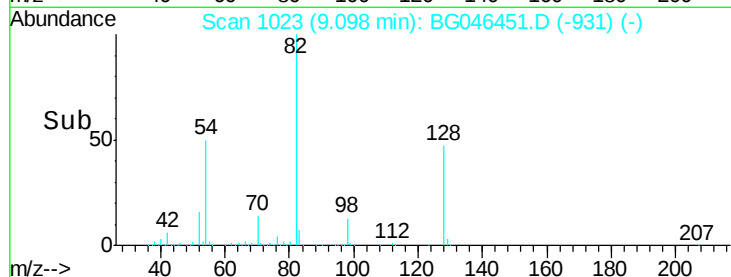
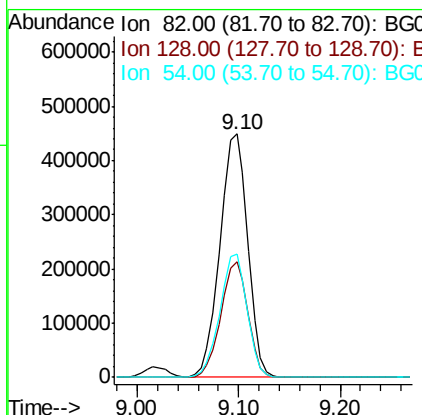
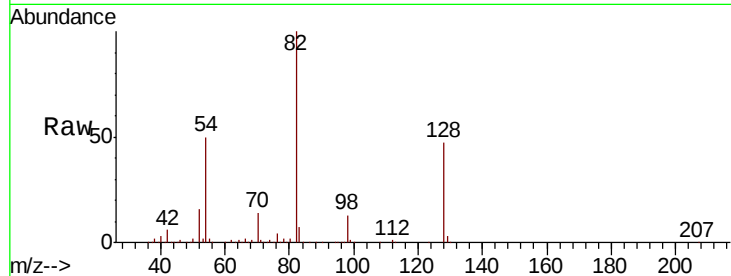
#23
 Nitrobenzene-d5
 Concen: 155.045 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	35.7	53.5	
54	50.5	39.4	59.0	

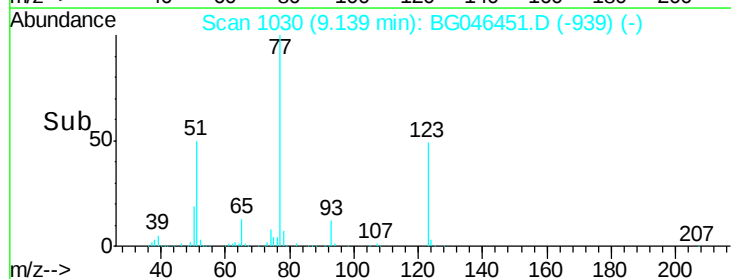
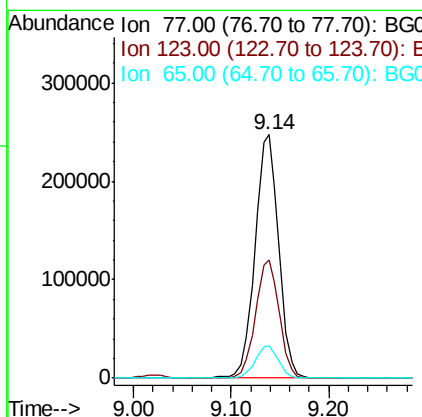
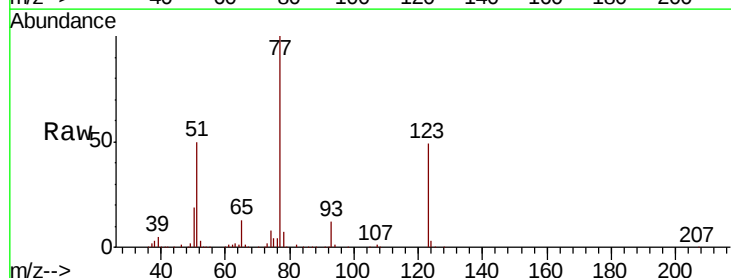
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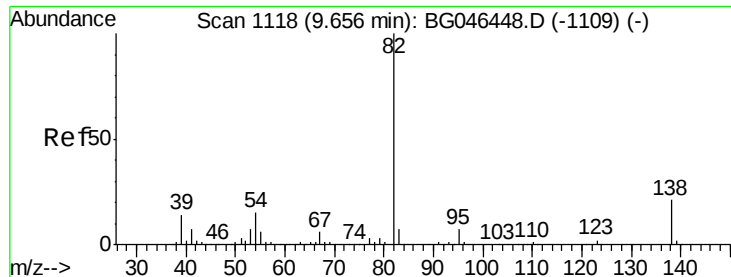
mohammad
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#24
 Nitrobenzene
 Concen: 77.623 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.7	39.6	59.4	
65	13.2	10.1	15.1	





#25

Isophorone

Concen: 78.742 ng

RT: 9.66 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

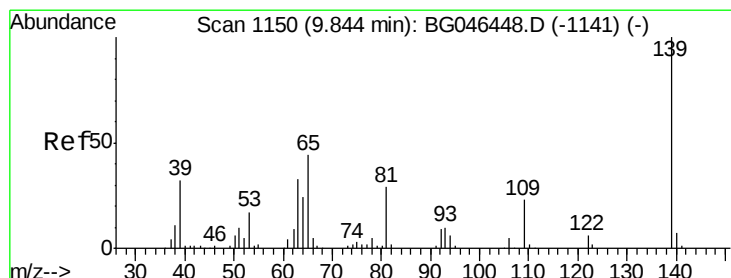
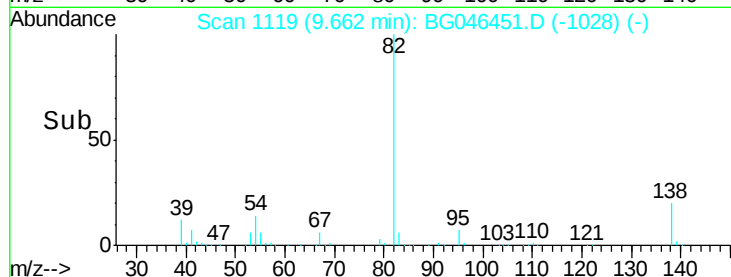
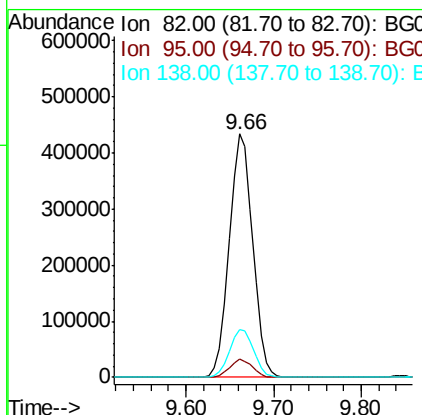
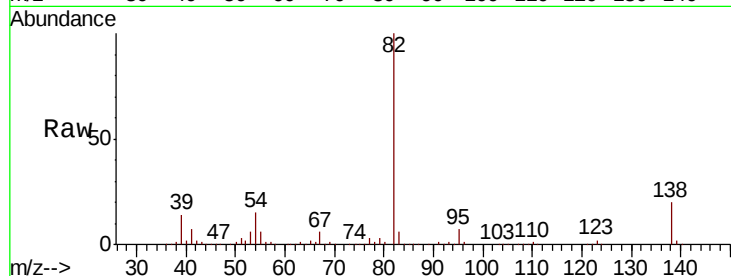
ClientSampleId :

SSTDIC080

Tot Ion:	82	Resp:	792257
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	19.9	16.4	24.6

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#26

2-Nitrophenol

Concen: 82.478 ng

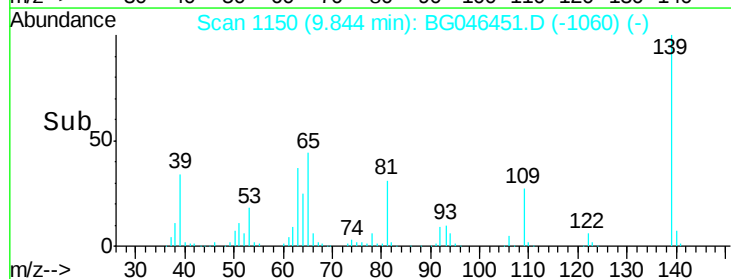
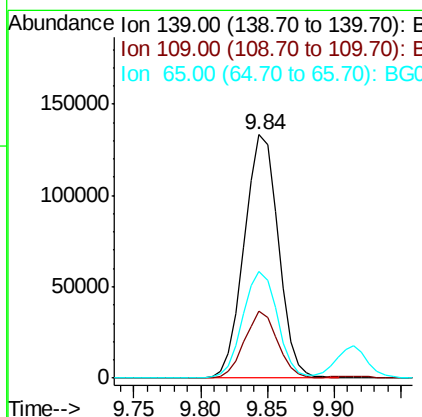
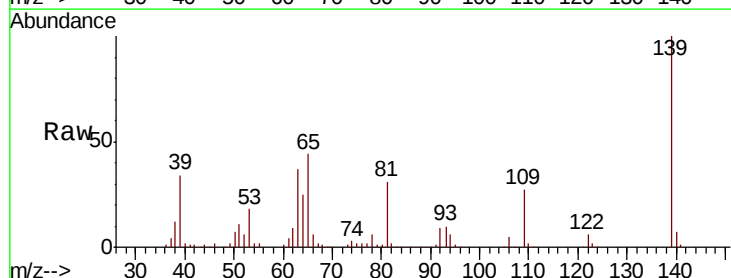
RT: 9.84 min Scan# 1150

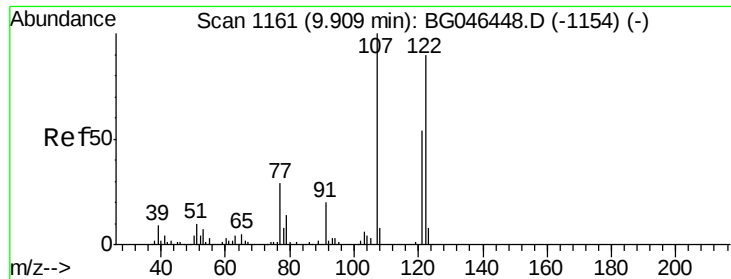
Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	139	Resp:	235934
Ion Ratio	Lower	Upper	
139	100		
109	27.5	18.8	28.2
65	43.7	35.0	52.6





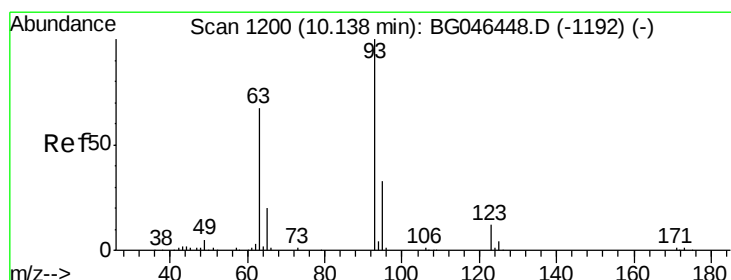
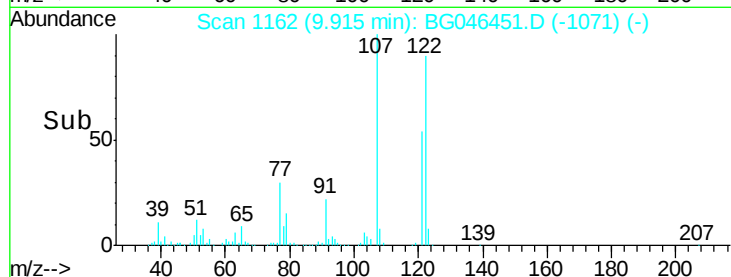
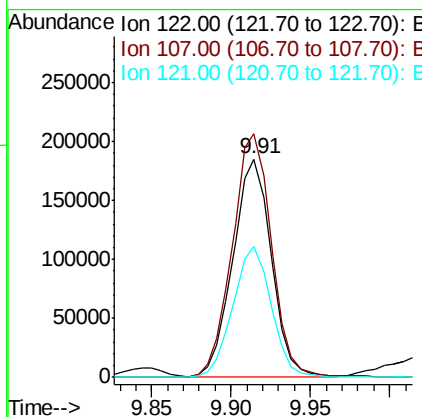
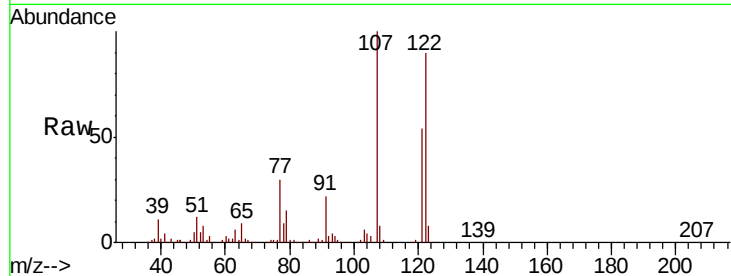
#27
2,4-Dimethylphenol
Concen: 79.373 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	312285		
107	111.4	88.2	132.2	
121	59.9	47.4	71.0	

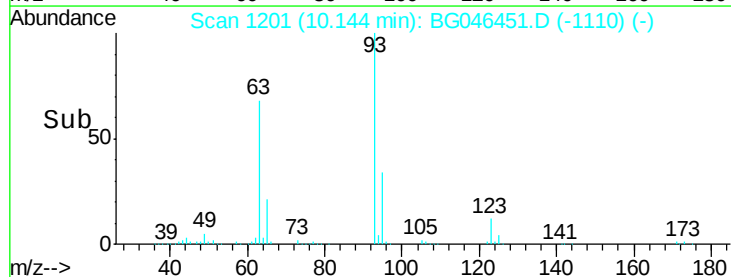
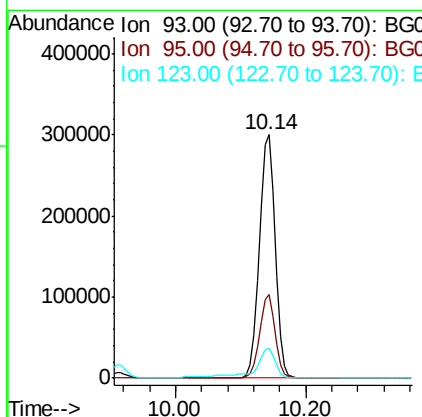
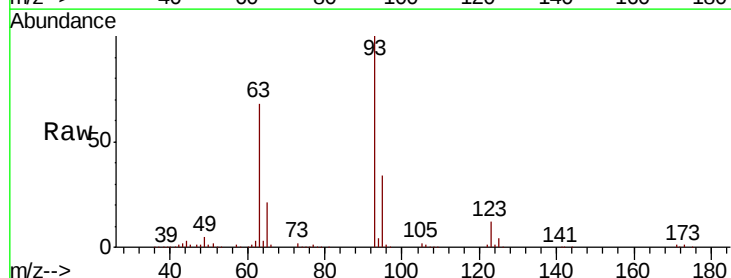
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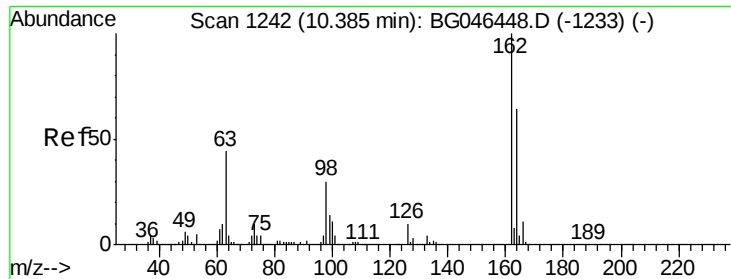
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 78.177 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	506274		
95	34.1	26.1	39.1	
123	12.0	9.5	14.3	





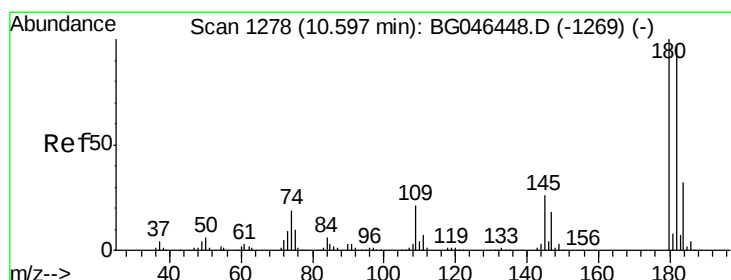
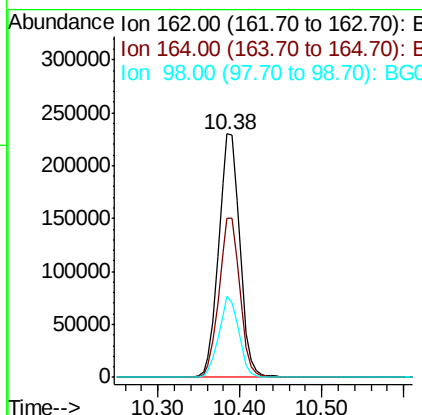
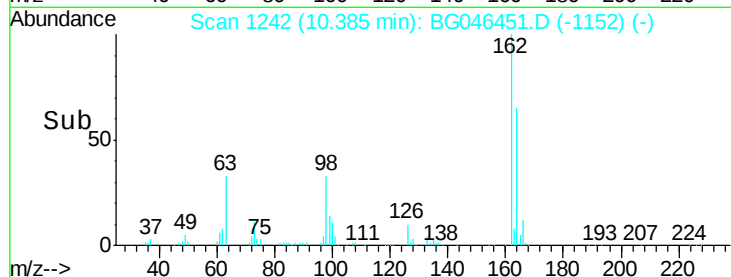
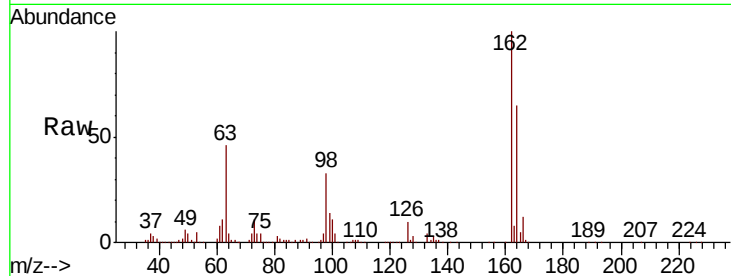
#29
2,4-Dichlorophenol
Concen: 78.969 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	414184		
164	65.4	44.3	84.3	
98	33.0	10.0	50.0	

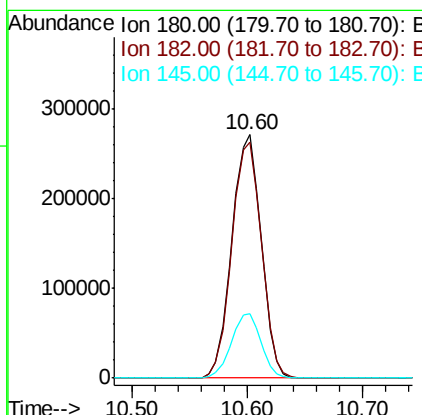
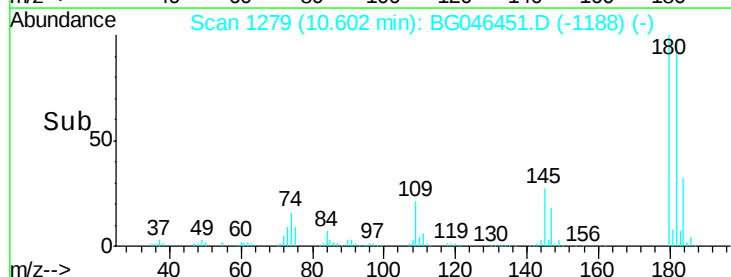
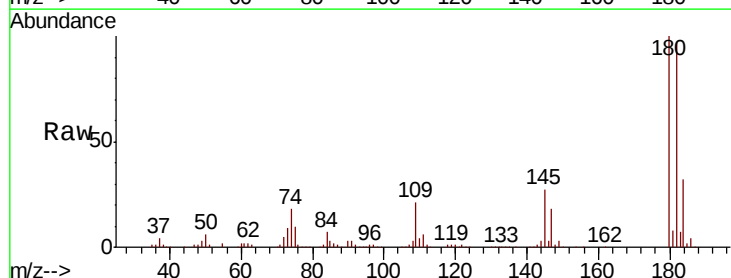
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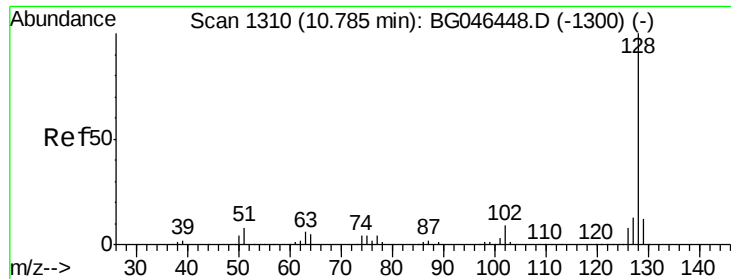
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 76.858 ng
RT: 10.60 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	478291		
182	96.9	77.8	116.8	
145	26.7	20.9	31.3	





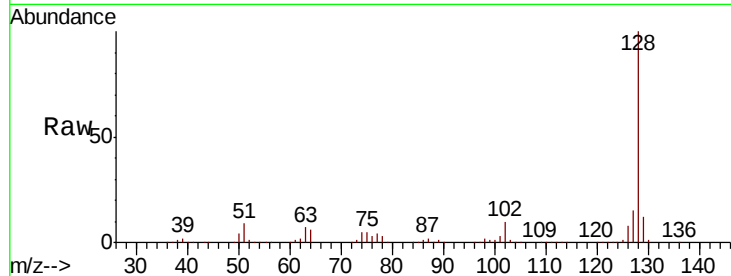
#31
Naphthalene
Concen: 75.352 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

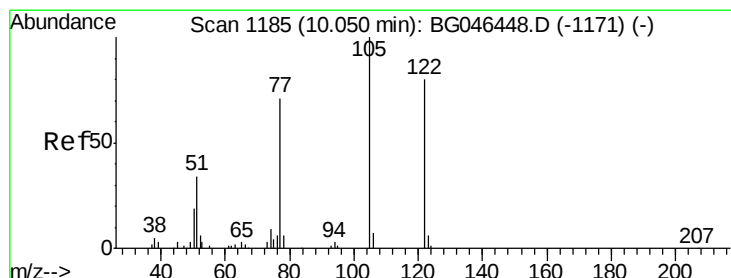
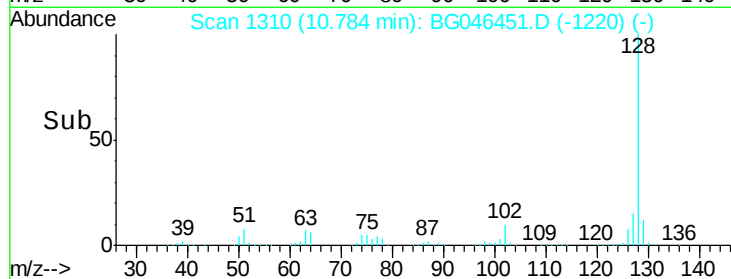
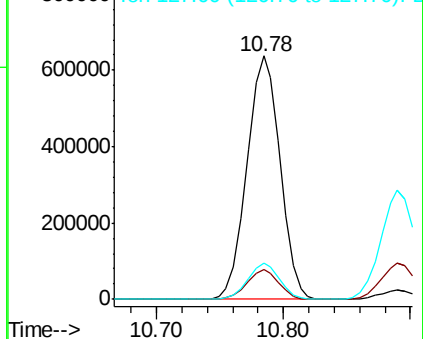
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	14.9	10.7	16.1

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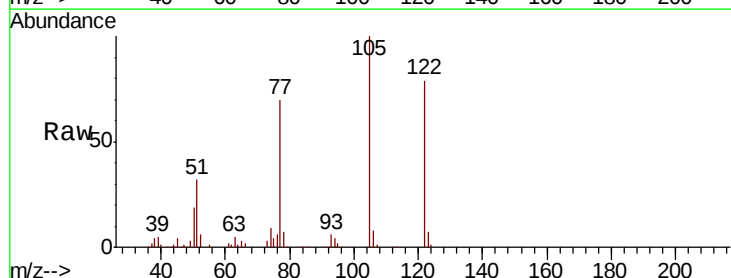


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

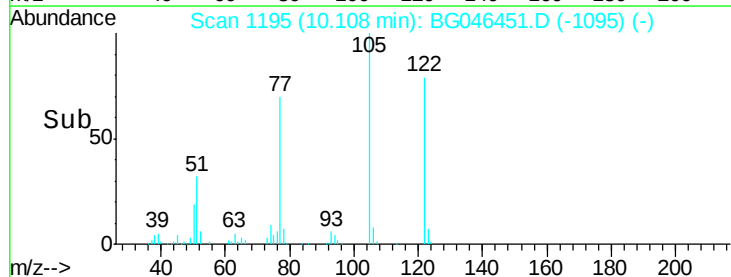
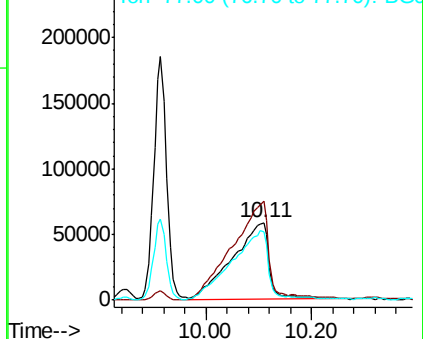


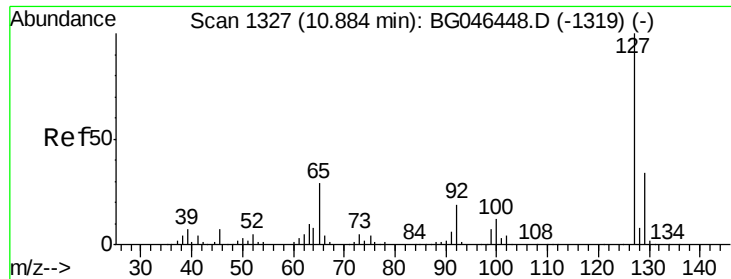
#32
Benzoic acid
Concen: 115.434 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.06 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.8	102.5	142.5
77	88.2	68.2	108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





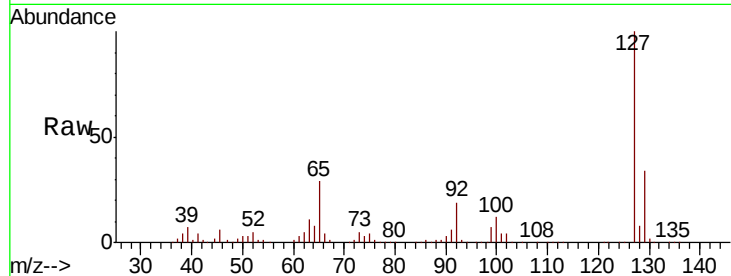
#33
4-Chloroaniline
Concen: 79.201 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

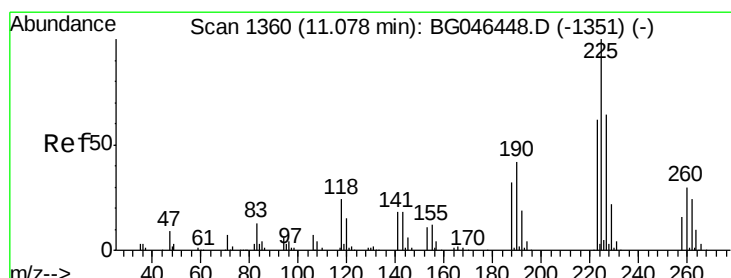
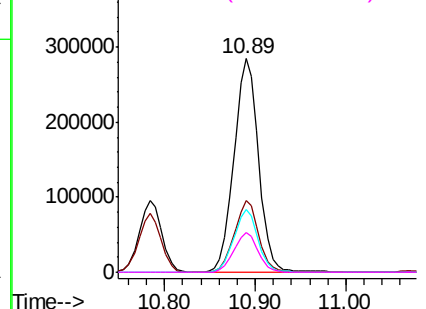
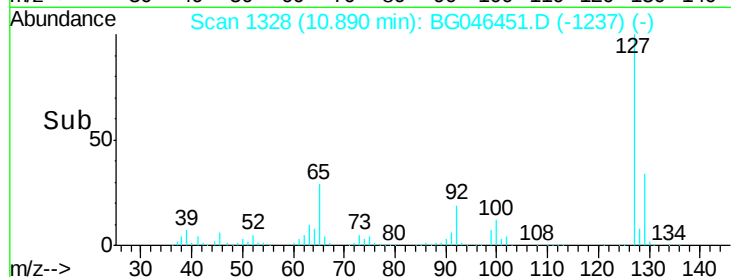
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.8	27.0	40.4	
65	29.4	23.5	35.3	
92	18.5	14.9	22.3	

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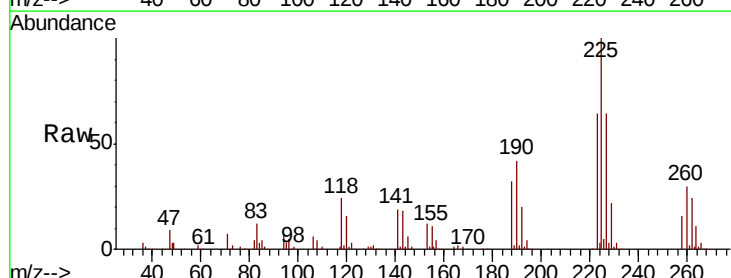


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

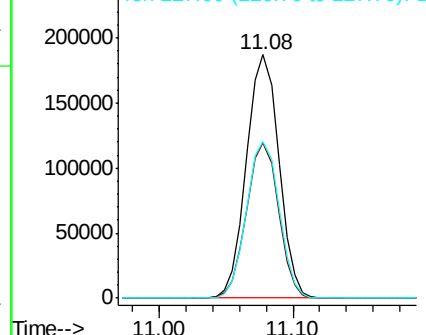
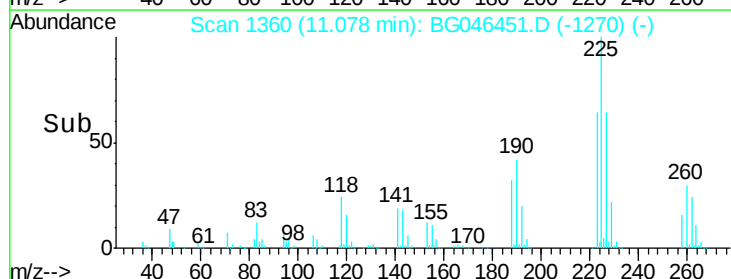


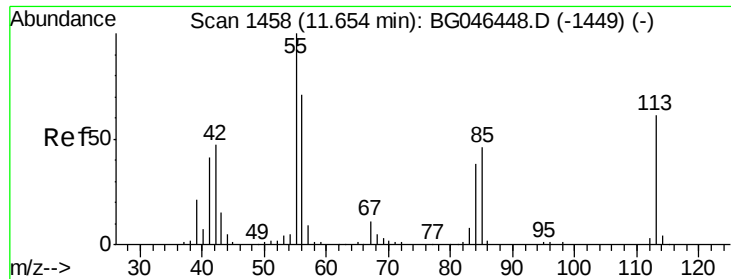
#34
Hexachlorobutadiene
Concen: 77.966 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	49.9	74.9	
227	64.2	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: 79.533 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.03 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

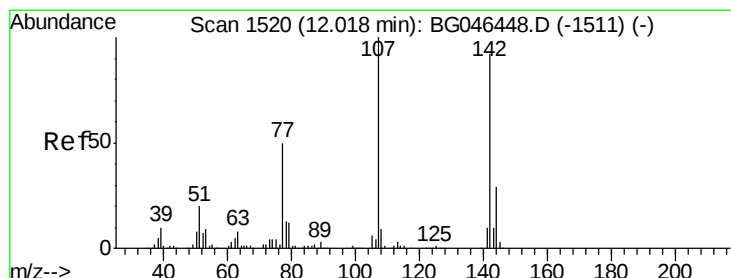
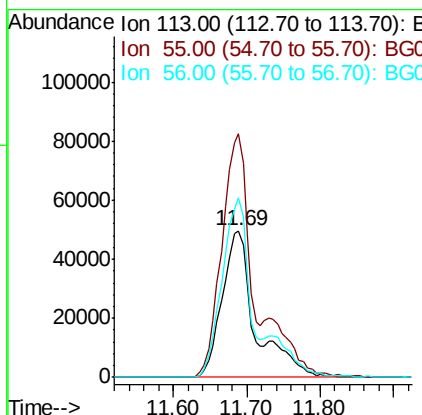
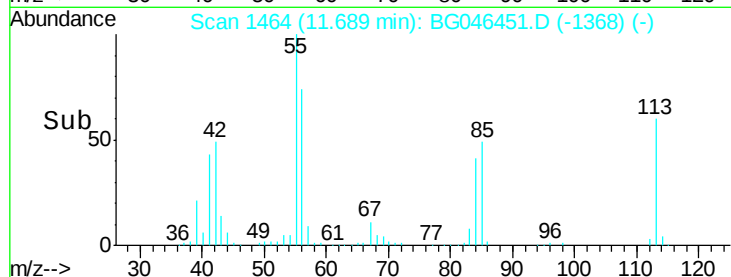
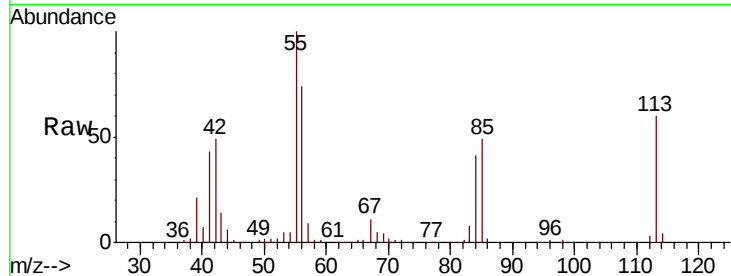
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	155909
Ion	Ratio	Lower	Upper
113	100		
55	166.1	144.2	184.2
56	122.4	97.0	137.0

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#36

4-Chloro-3-methylphenol

Concen: 79.904 ng/mL

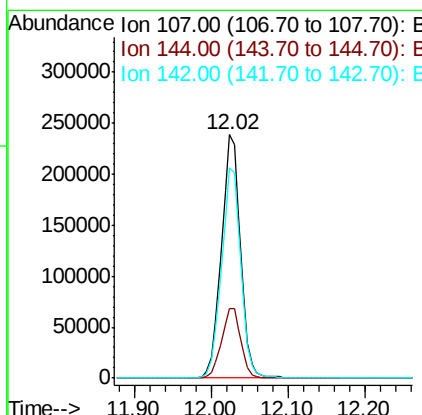
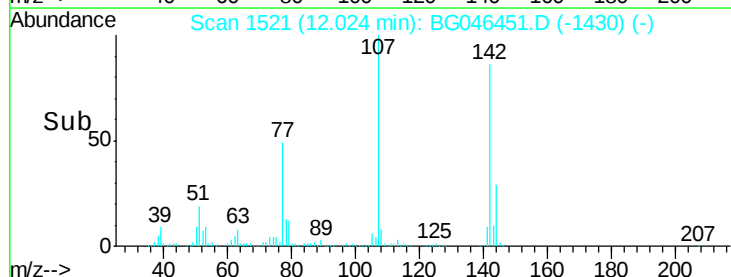
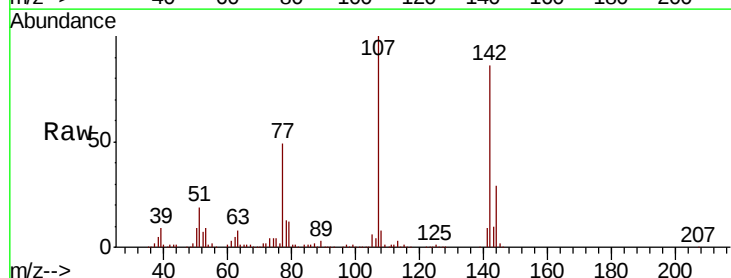
RT: 12.02 min Scan# 1521

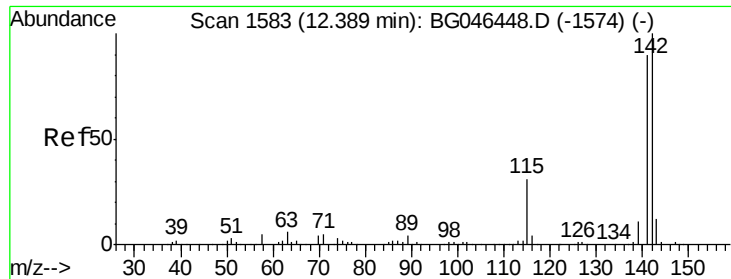
Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	107	Resp:	409892
Ion	Ratio	Lower	Upper
107	100		
144	28.7	23.3	34.9
142	86.4	73.7	110.5





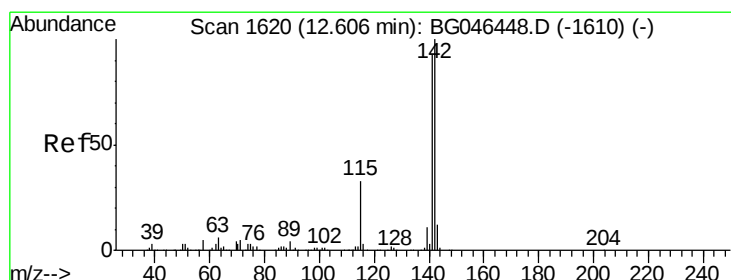
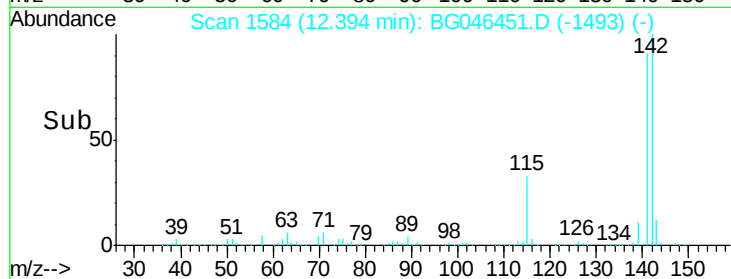
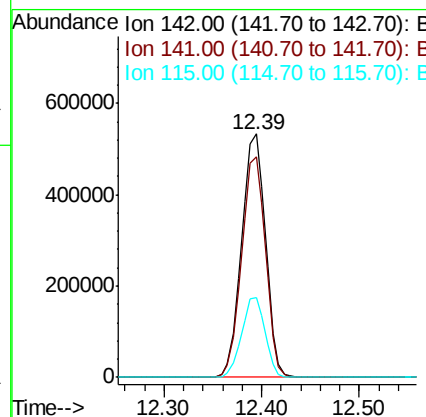
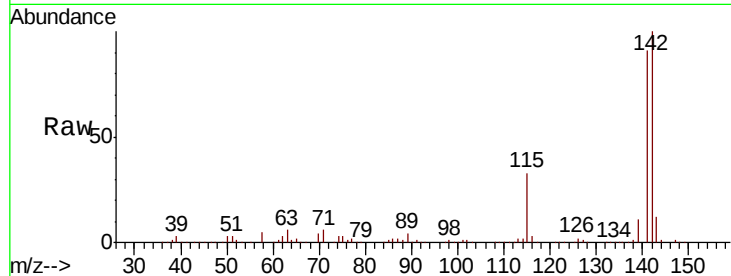
#37
2-Methylnaphthalene
Concen: 75.468 ng
RT: 12.39 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
115	32.6	24.9	37.3

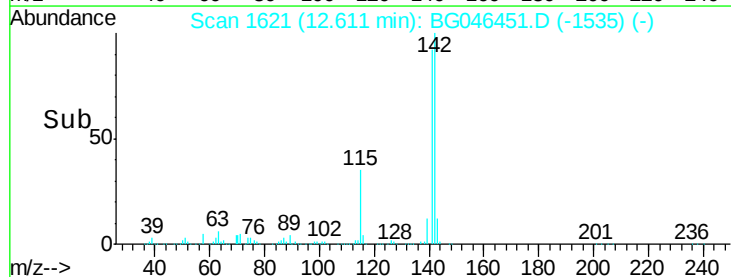
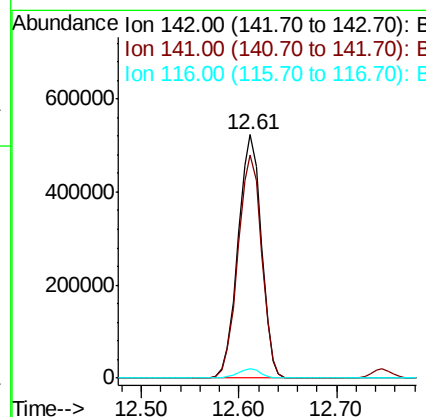
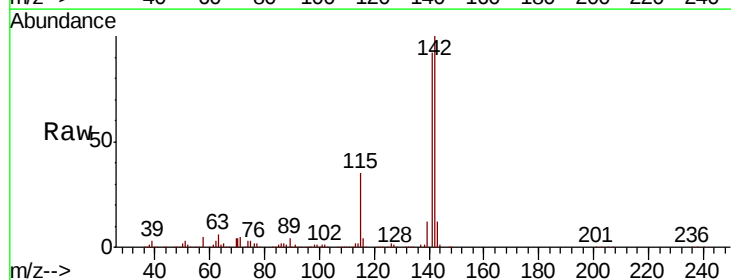
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#38
1-Methylnaphthalene
Concen: 75.750 ng
RT: 12.61 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.7	112.1
116	3.7	2.6	4.0





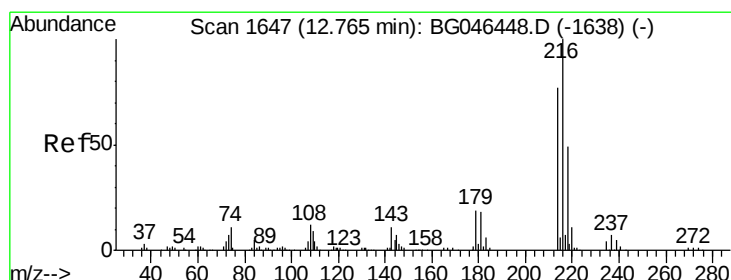
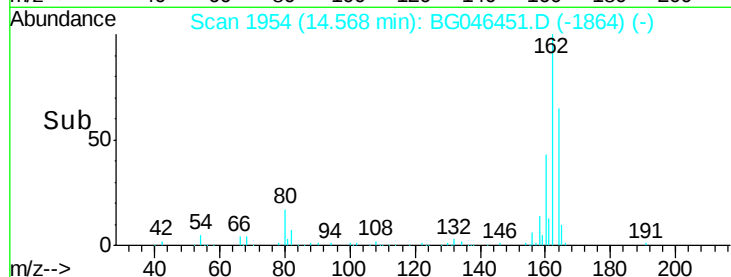
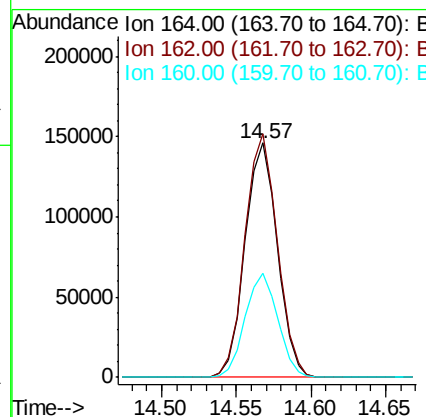
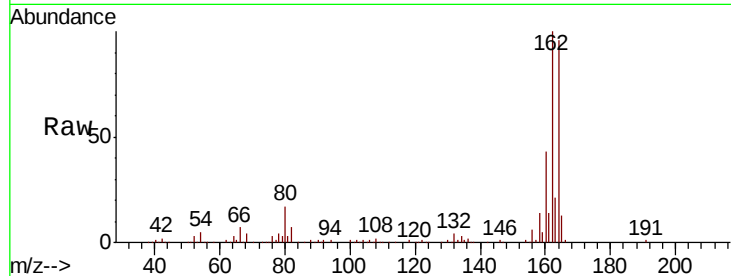
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
164	100	219275		
162	103.9	83.3	124.9	
160	44.4	35.0	52.6	

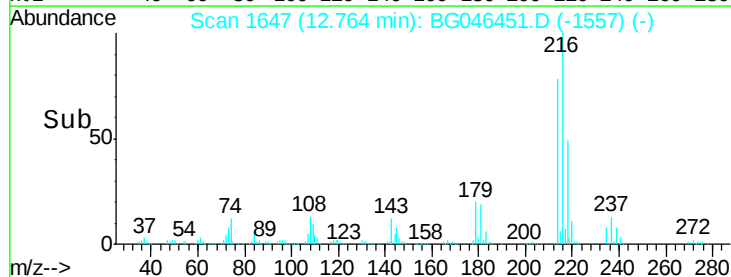
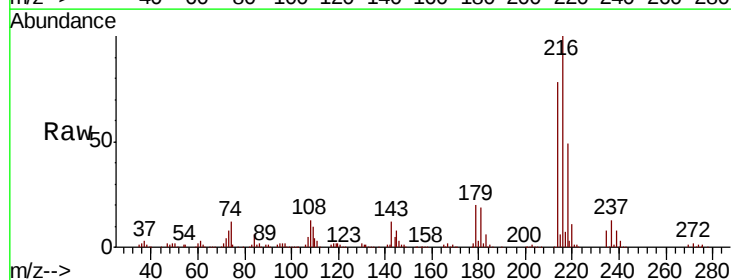
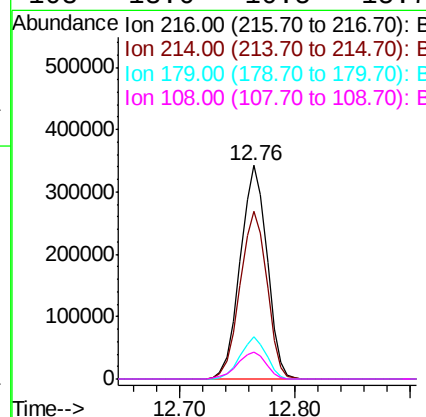
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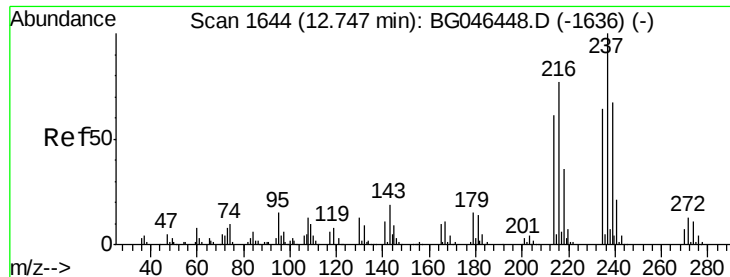
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.952 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	549198		
214	78.7	62.1	93.1	
179	19.2	14.9	22.3	
108	13.6	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 92.887 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

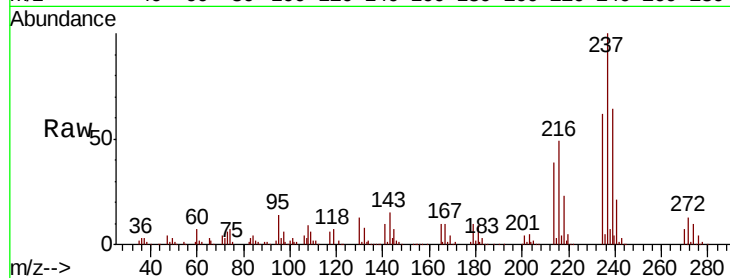
ClientSampleId :

SSTDIC080

Tot Ion:	237	Resp:	292050
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.5	84.5
272	12.9	0.0	32.8

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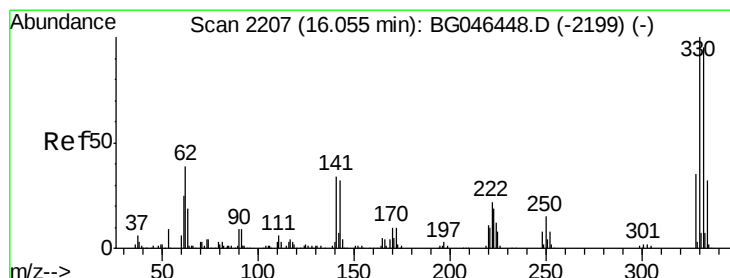
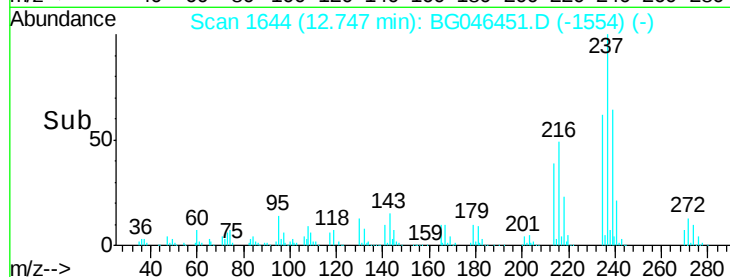
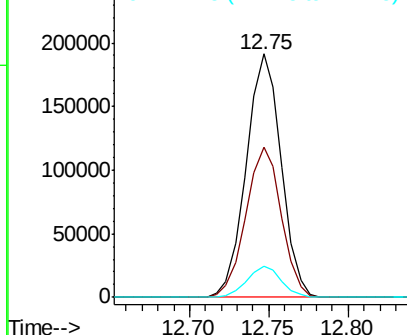


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.017 ng

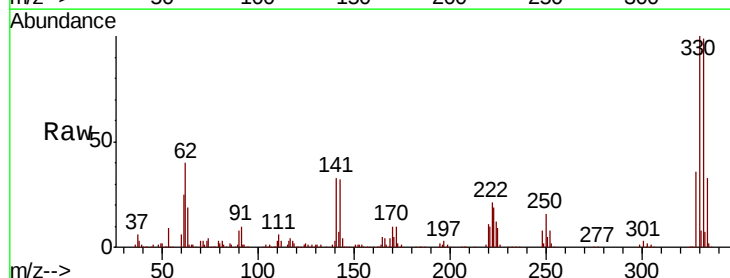
RT: 16.06 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	330	Resp:	451647
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.1	114.1
141	33.5	26.1	39.1

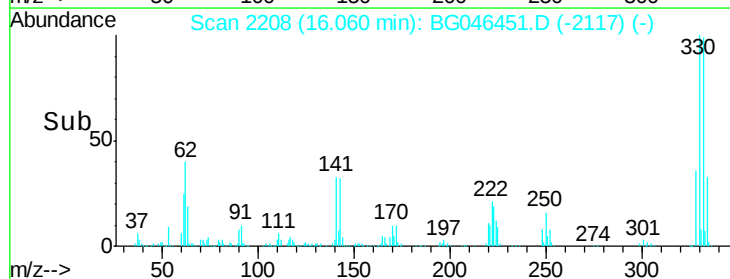
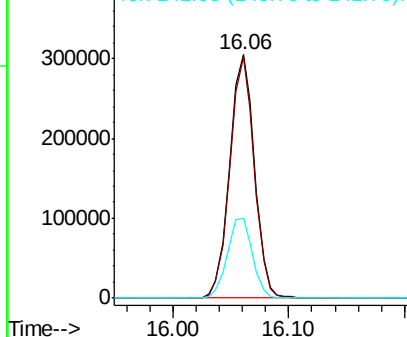


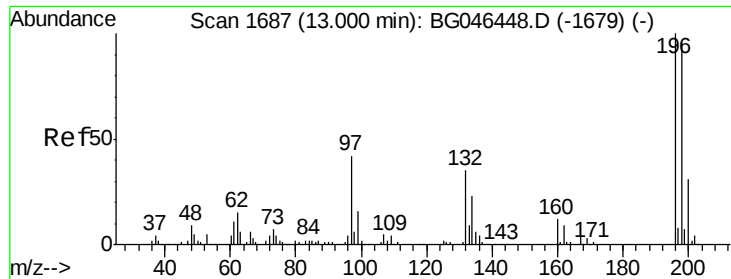
Abundance

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





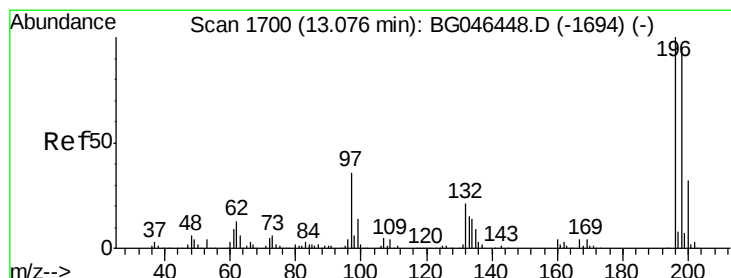
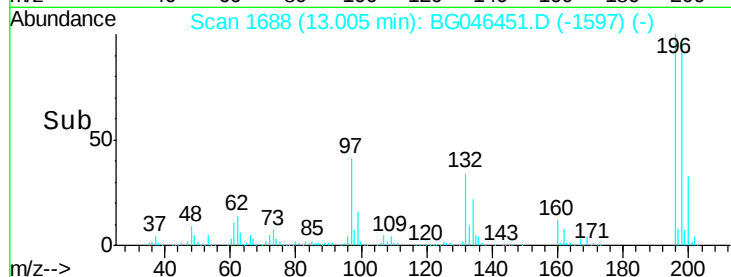
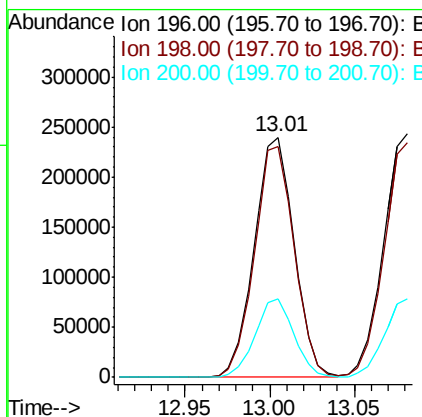
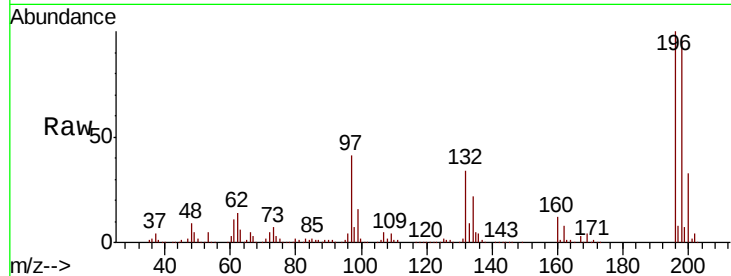
#43
 2,4,6-Trichlorophenol
 Concen: 80.192 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	391306		
198	96.2	77.0	115.6	
200	32.6	25.2	37.8	

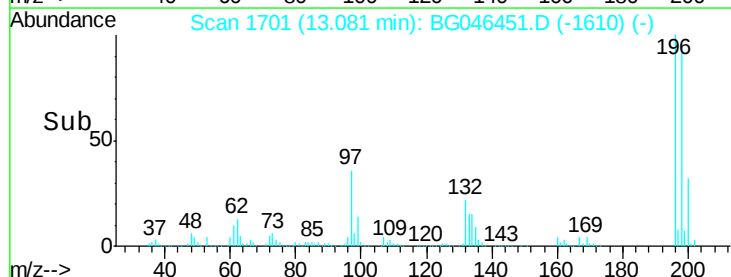
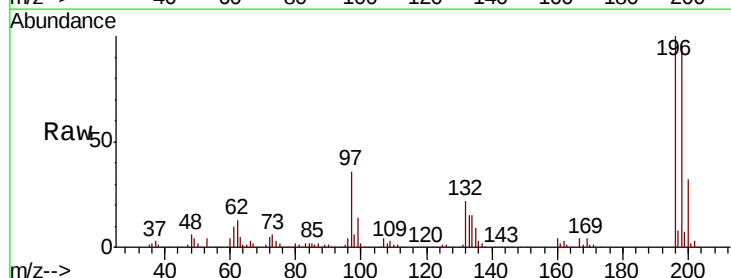
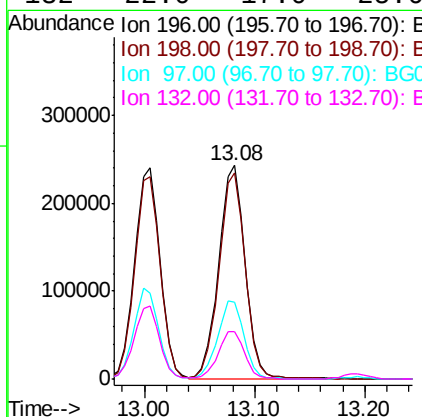
Manual Integrations
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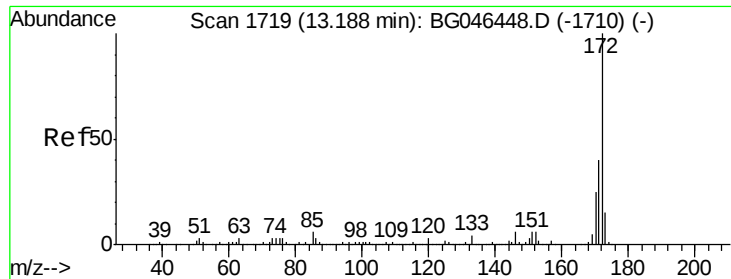
mohammad
 8/26/2020 4:00:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 78.831 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	404157		
198	96.2	75.6	113.4	
97	35.9	28.6	43.0	
132	22.0	17.0	25.6	





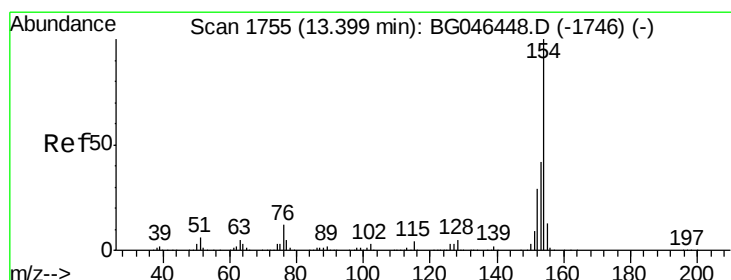
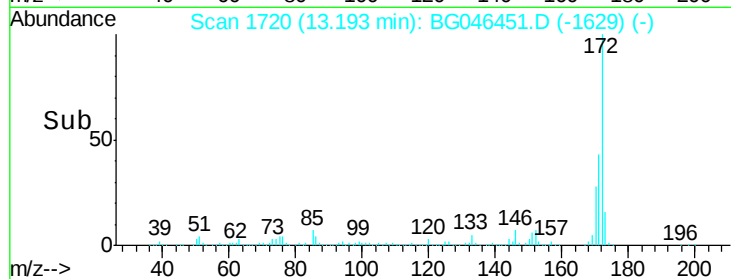
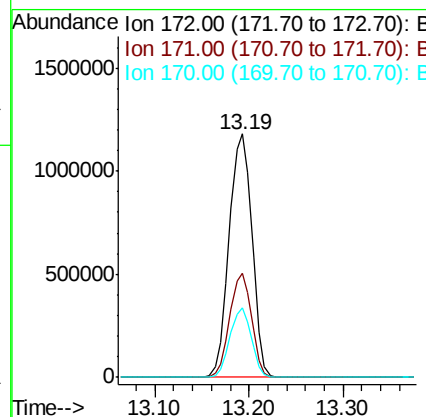
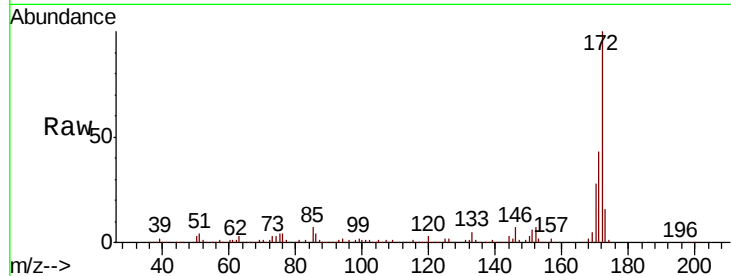
#45
2-Fluorobiphenyl
Concen: 139.040 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.0	31.8	47.6
170	28.5	20.3	30.5

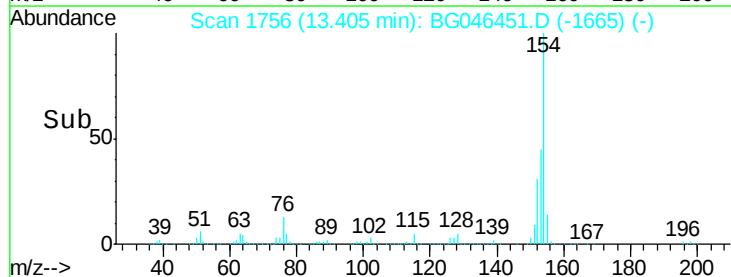
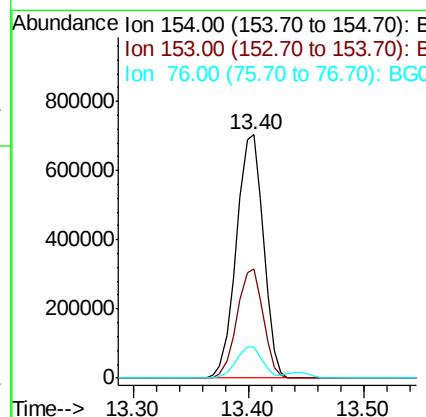
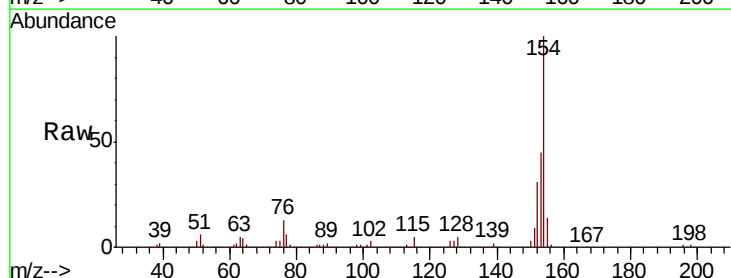
Manual Integrations
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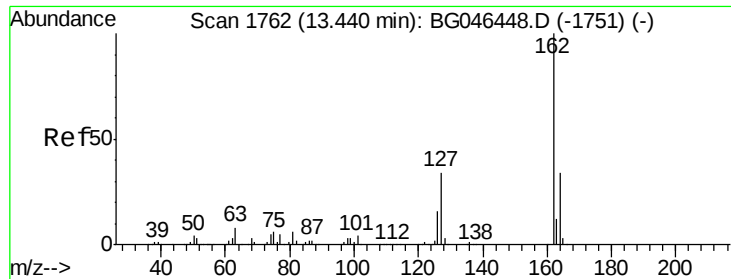
mohammad
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#46
1,1'-Biphenyl
Concen: 74.608 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	22.0	62.0
76	12.6	0.0	32.3





#47

2-Chloronaphthalene

Concen: 74.968 ng

RT: 13.45 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

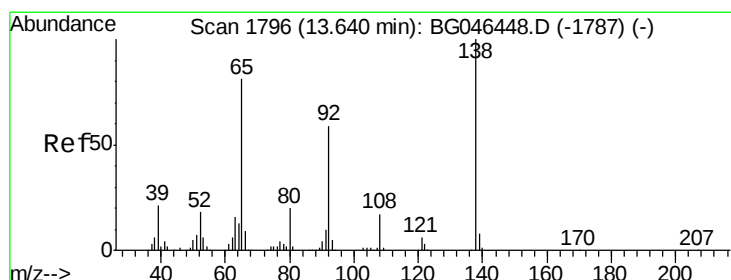
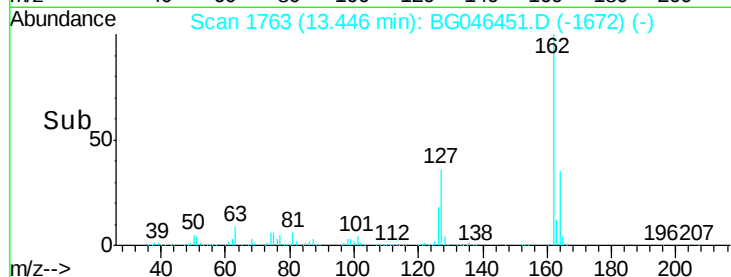
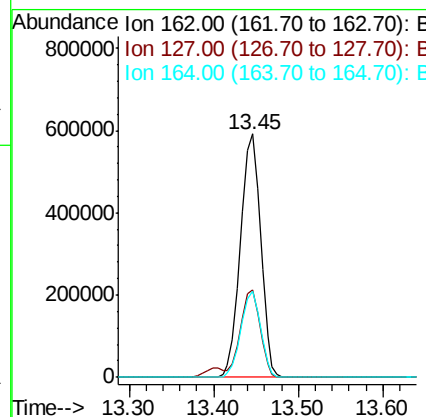
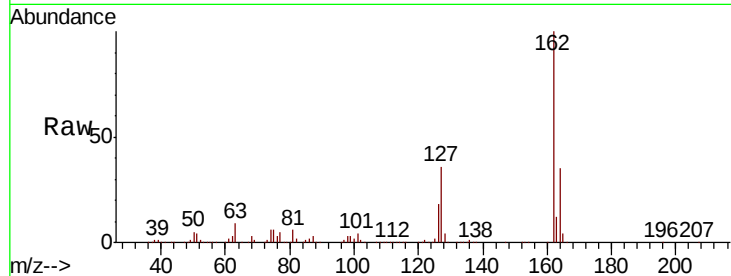
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.8	27.6	41.4
164	35.4	27.3	40.9

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#48

2-Nitroaniline

Concen: 80.985 ng

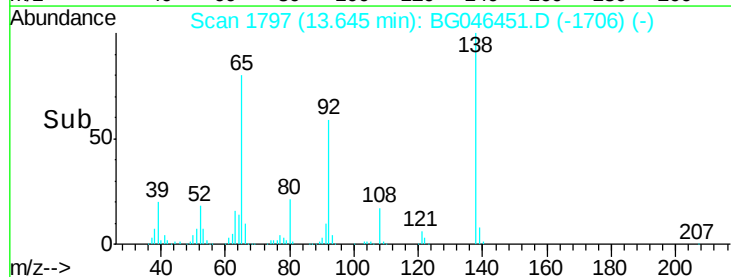
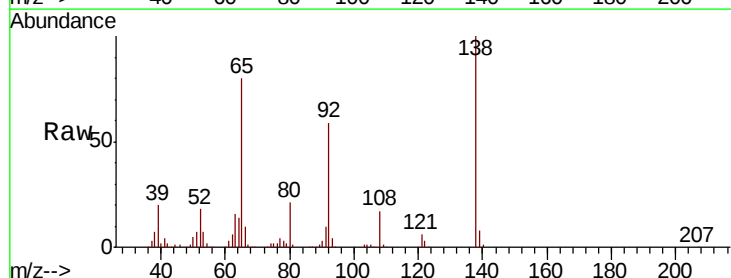
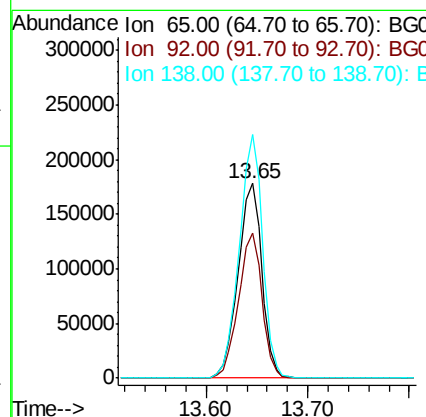
RT: 13.65 min Scan# 1797

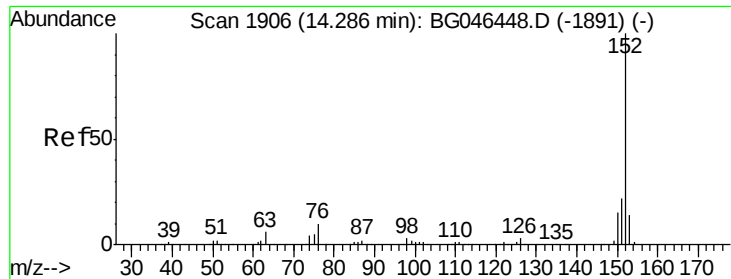
Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	58.5	87.7
138	125.2	98.4	147.6





#49

Acenaphthylene

Concen: 73.421 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 1440605

Ion Ratio Lower Upper

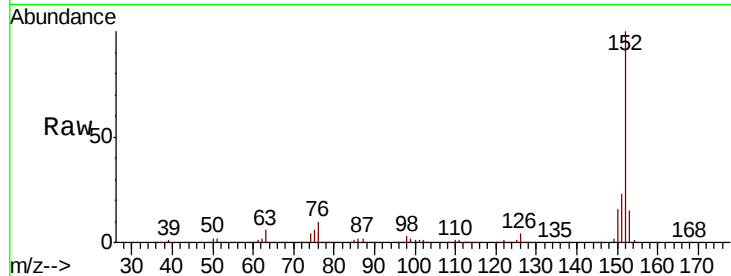
152 100

151 23.4 17.7 26.5

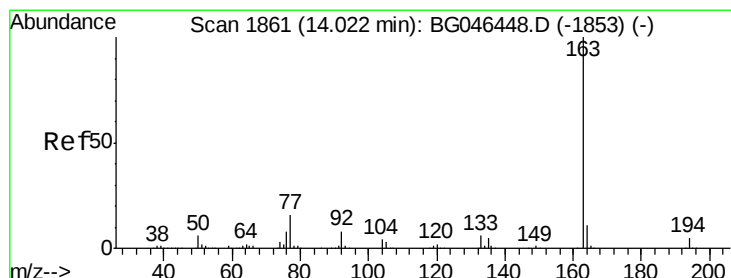
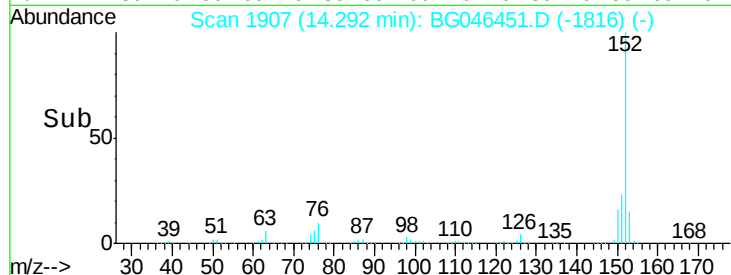
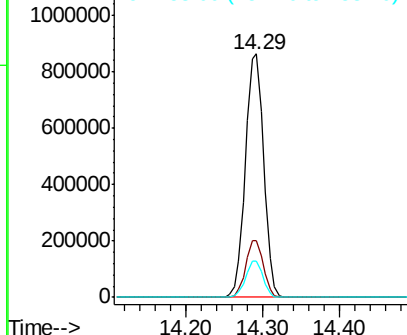
153 14.9 11.2 16.8

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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: 72.289 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

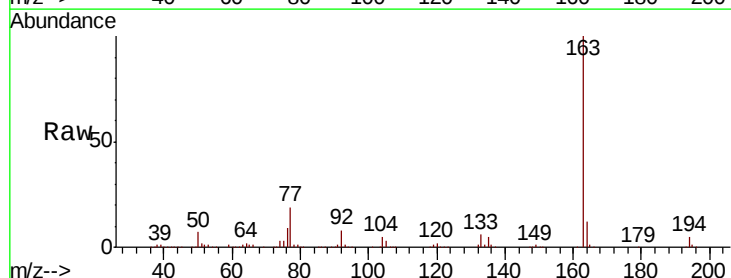
Tgt Ion:163 Resp: 1226322

Ion Ratio Lower Upper

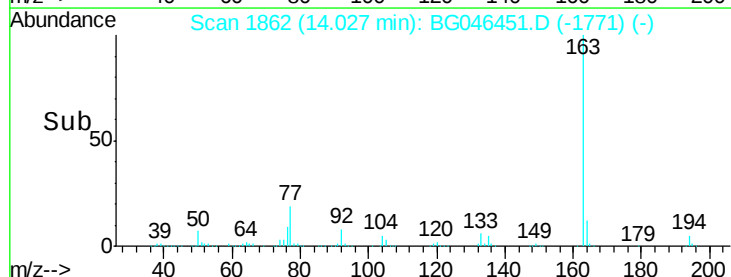
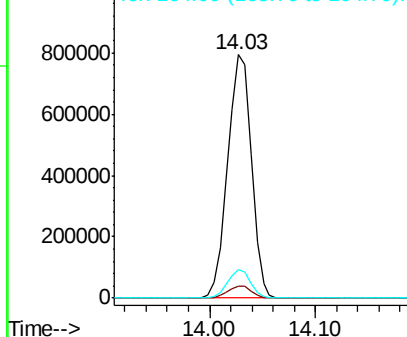
163 100

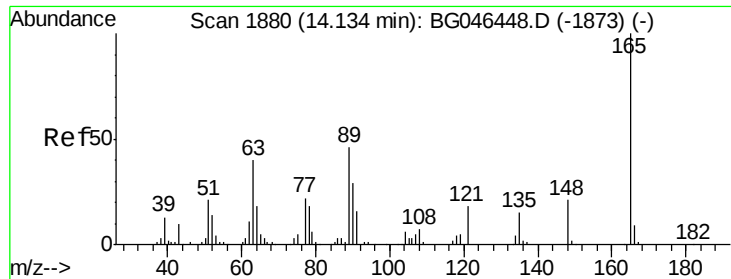
194 4.9 3.7 5.5

164 11.8 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





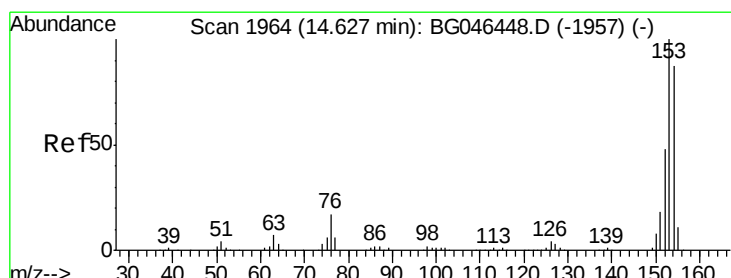
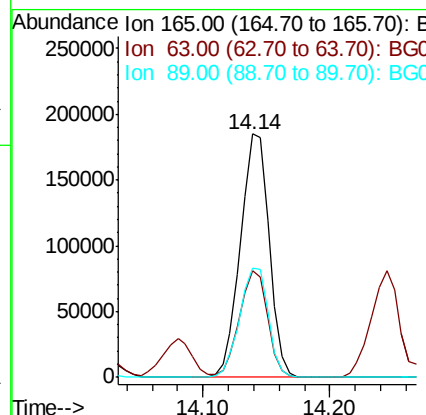
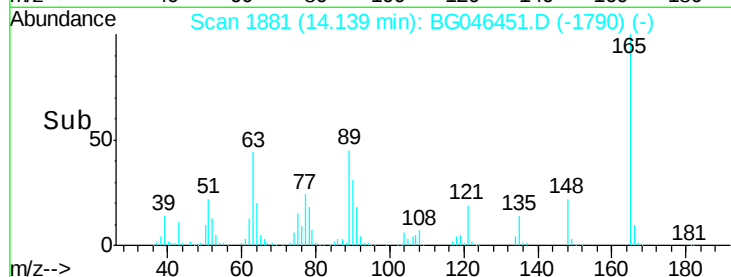
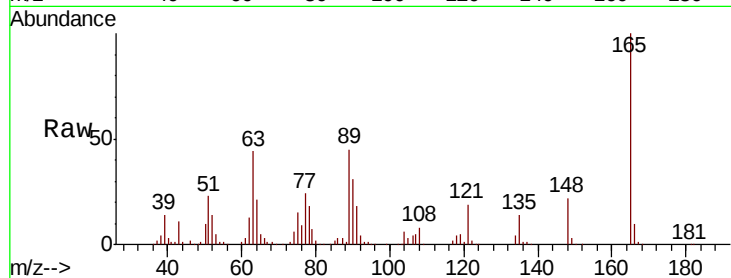
#51
2,6-Dinitrotoluene
Concen: 77.552 ng
RT: 14.14 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	34.2	51.4
89	44.8	37.0	55.4

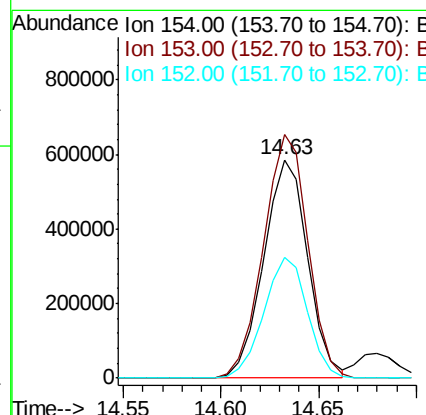
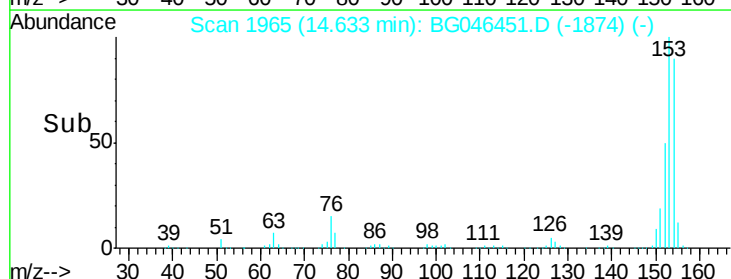
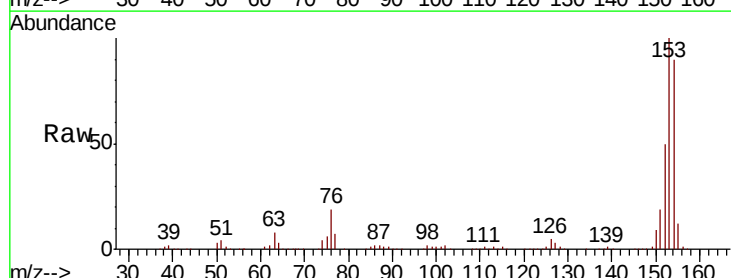
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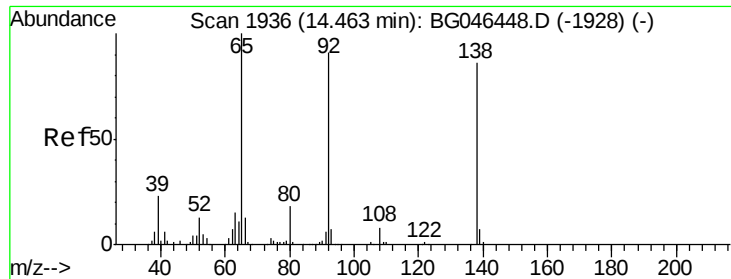
mohammad
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#52
Acenaphthene
Concen: 75.043 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.9	137.9
152	55.5	43.8	65.6





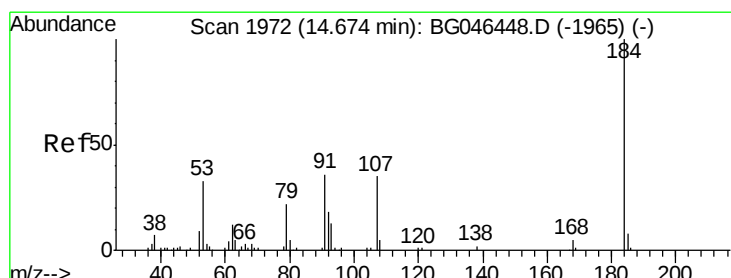
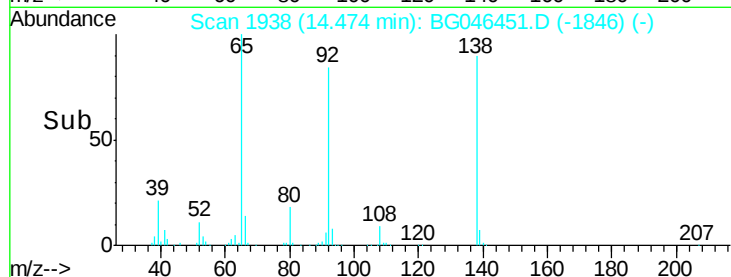
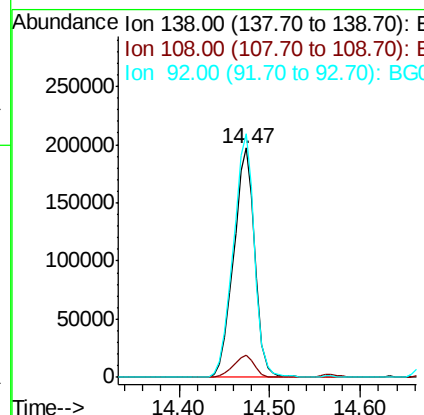
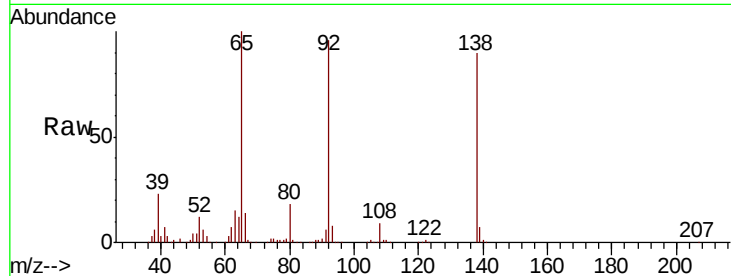
#53
3-Nitroaniline
Concen: 79.386 ng
RT: 14.47 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.0	10.6
92	106.1	84.6	127.0

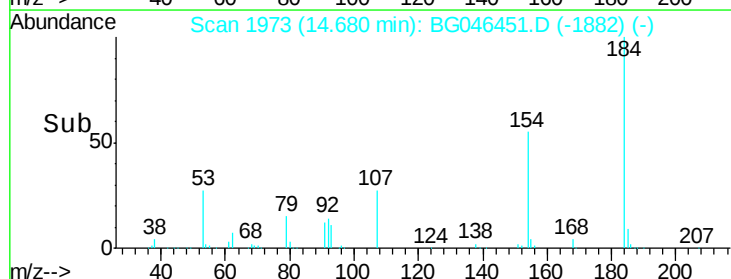
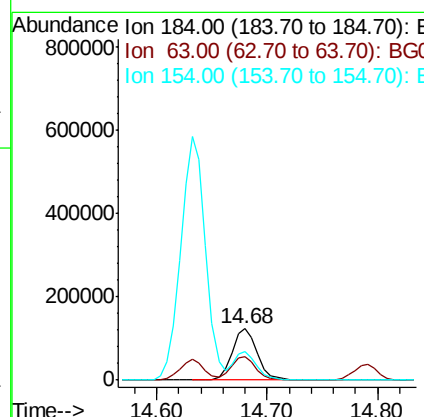
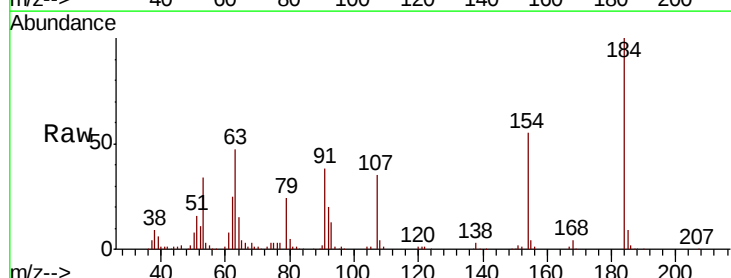
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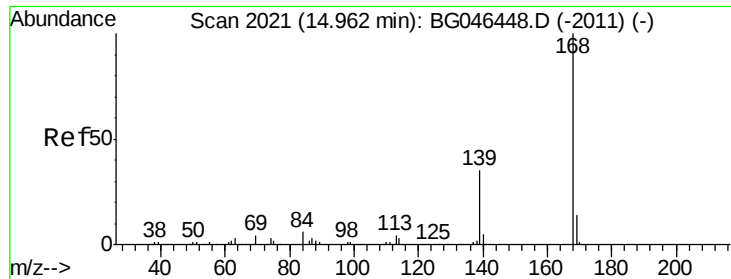
mohammad
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#54
2,4-Dinitrophenol
Concen: 100.307 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.7	35.6	53.4
154	54.9	44.3	66.5





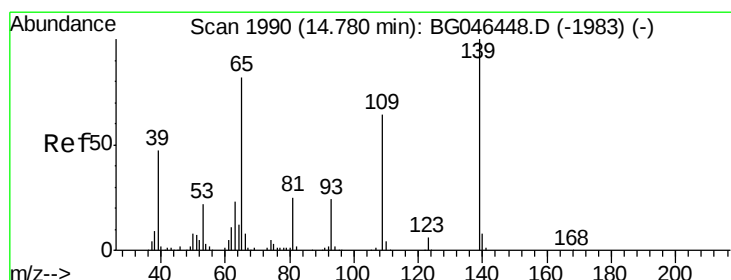
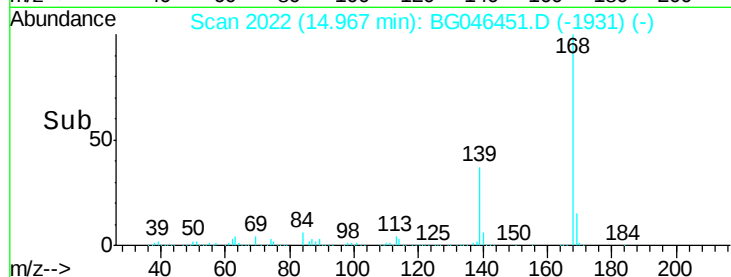
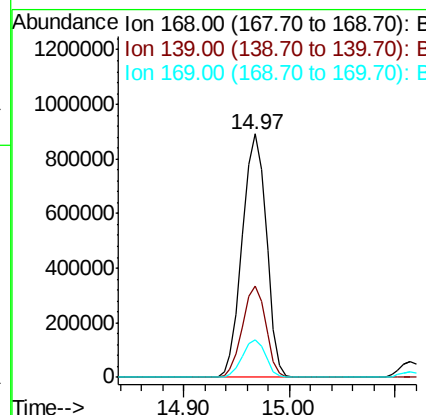
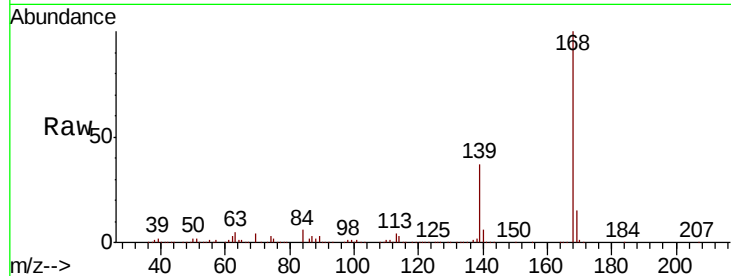
#55
Dibenzofuran
Concen: 72.061 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	28.1	42.1
169	15.4	11.5	17.3

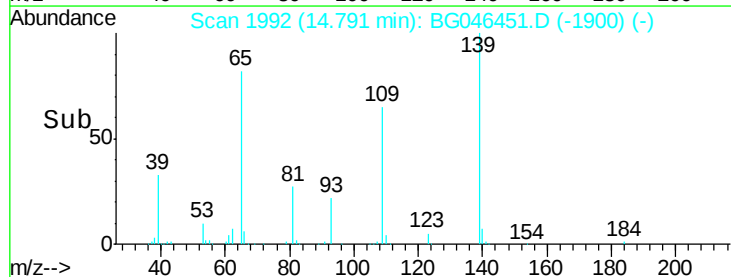
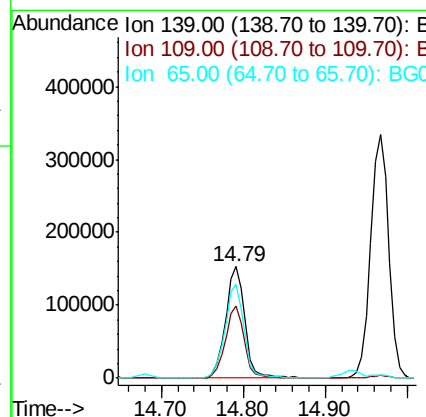
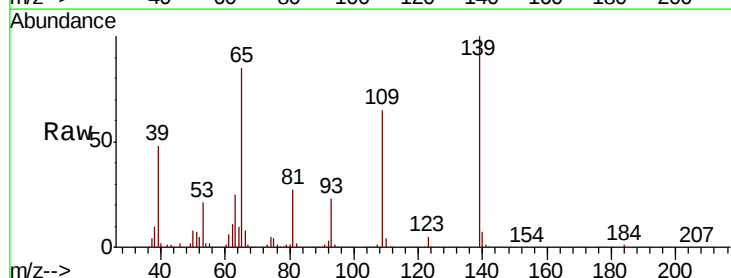
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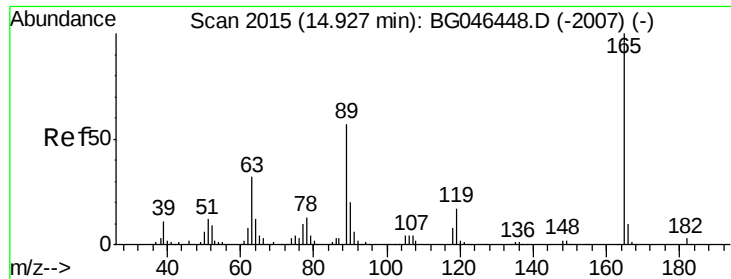
mohammad
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#56
4-Nitrophenol
Concen: 84.214 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	44.3	84.3
65	84.7	61.5	101.5





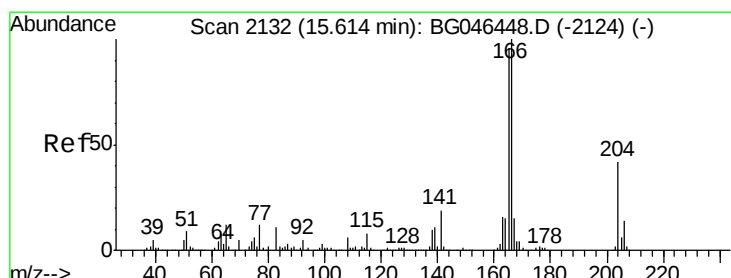
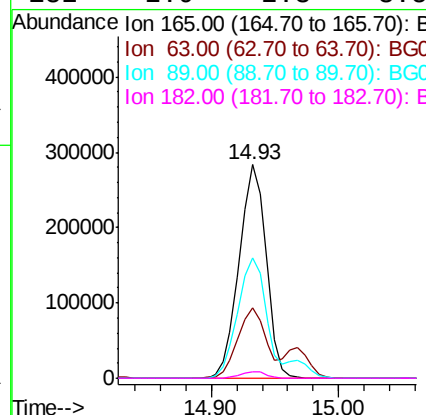
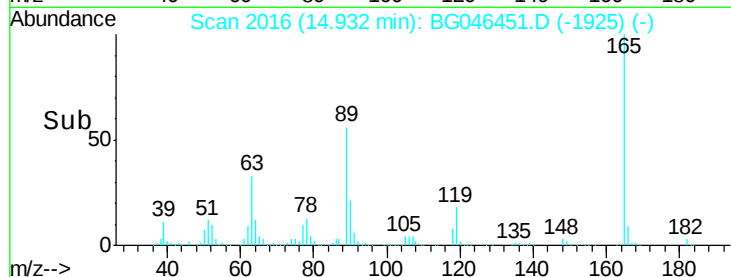
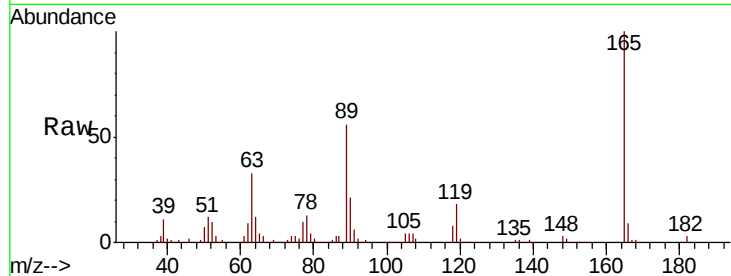
#57
2,4-Dinitrotoluene
Concen: 78.454 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		418322		
63	33.1	25.4	38.0		
89	56.5	45.9	68.9		
182	2.9	2.3	3.5		

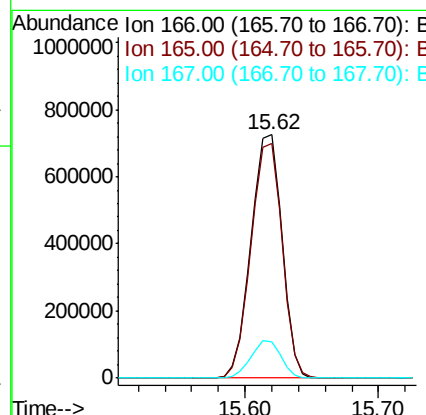
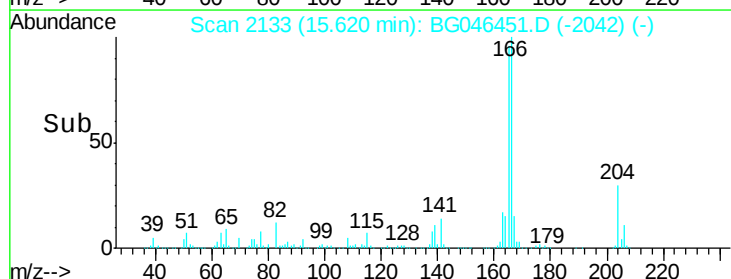
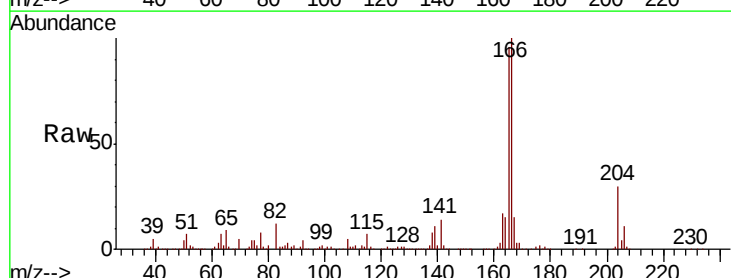
Manual Integrations
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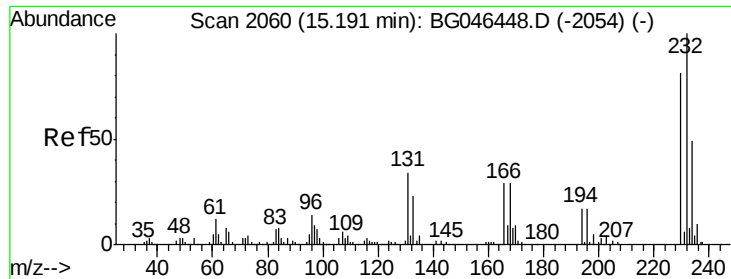
mohammad
8/26/2020 4:00:13 PM



#58
Fluorene
Concen: 70.953 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1162014		
165	96.2	77.0	115.4		
167	14.7	11.8	17.6		





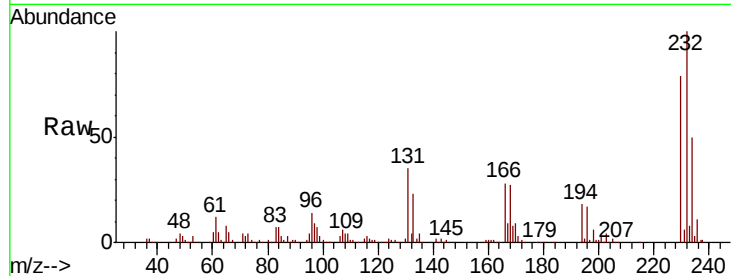
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 78.128 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

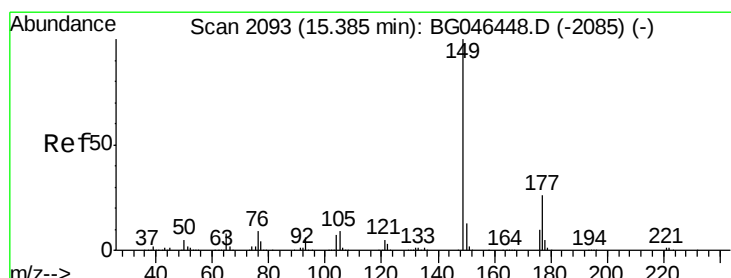
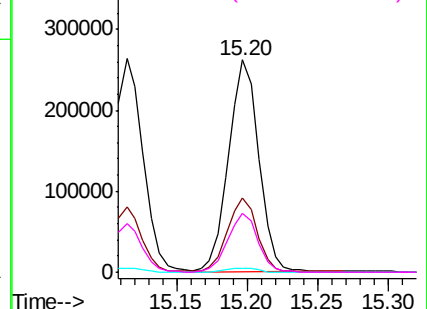
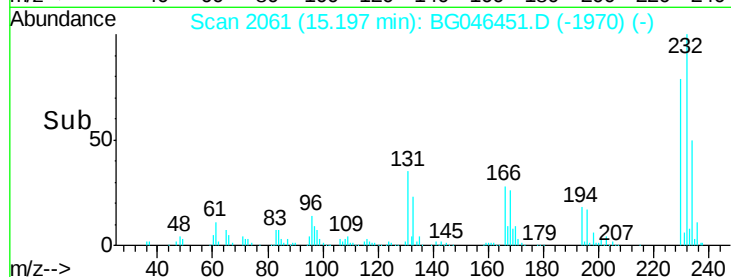
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		388964		
131	35.1	26.8	40.2		
130	1.9	1.4	2.2		
166	27.8	22.8	34.2		

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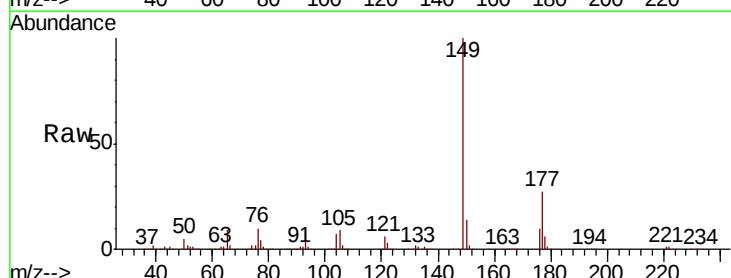


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

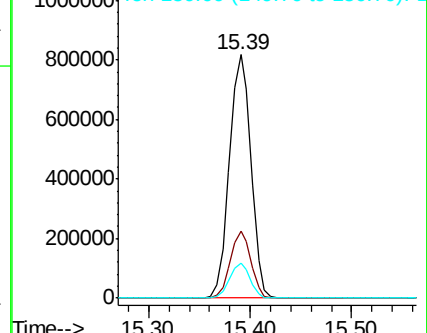
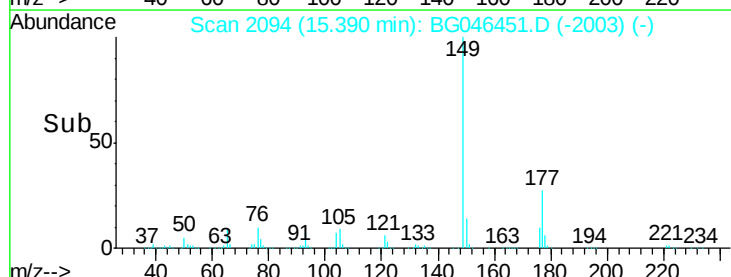


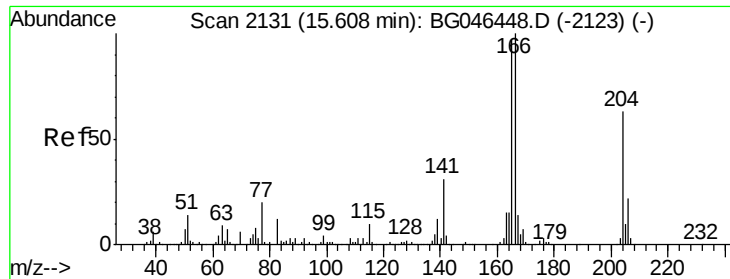
#60
 Diethylphthalate
 Concen: 72.576 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1200408		
177	27.3	20.6	30.8		
150	14.3	10.3	15.5		



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





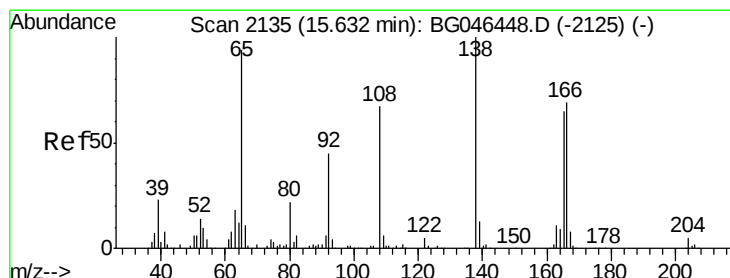
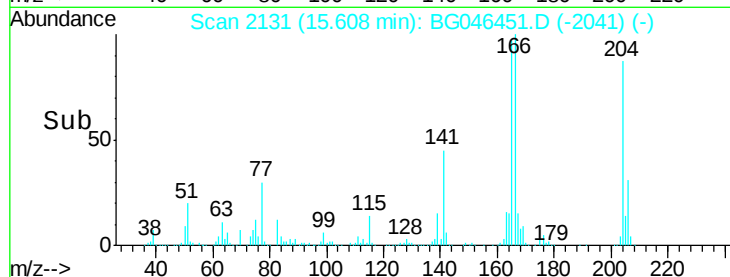
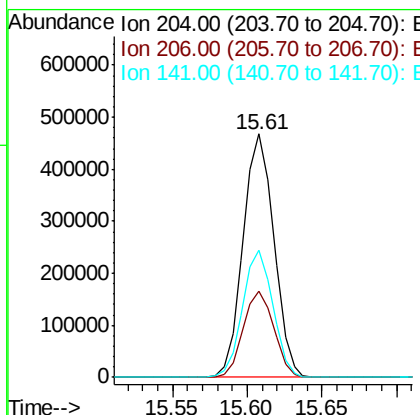
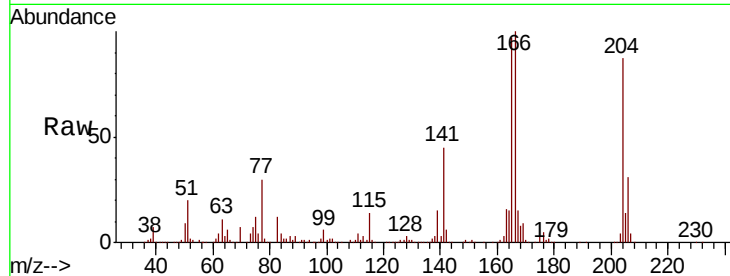
#61
 4-Chlorophenyl-phenylether
 Concen: 74.083 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.7	41.5
141	52.1	38.7	58.1

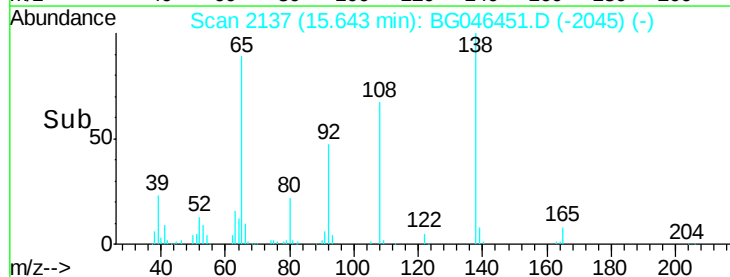
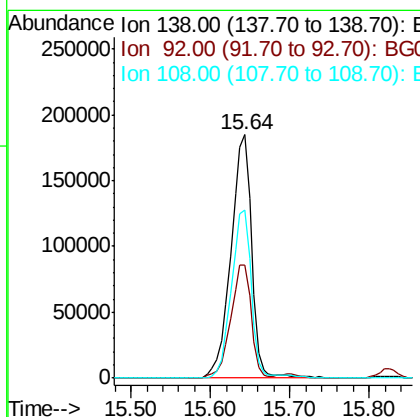
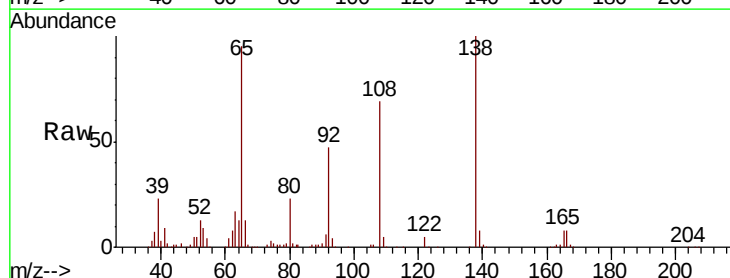
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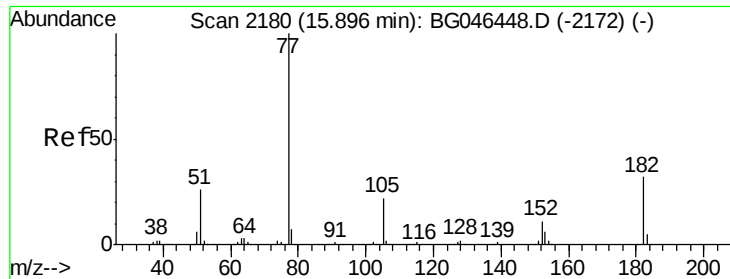
mohammad
 8/26/2020 4:00:13 PM



#62
 4-Nitroaniline
 Concen: 78.319 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.3	65.3
108	68.8	46.7	86.7





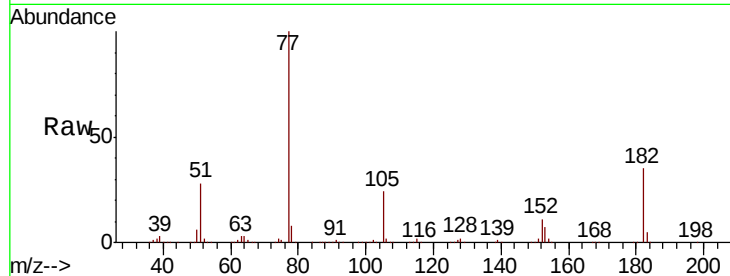
#63
Azobenzene
Concen: 74.227 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		998678		
182	34.8	12.3	52.3		
105	23.7	2.3	42.3		
51	28.3	6.5	46.5		

Manual Integrations
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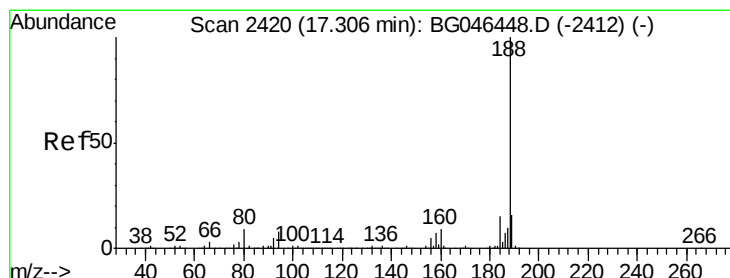
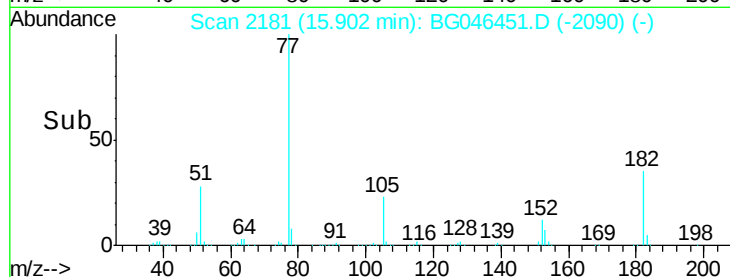
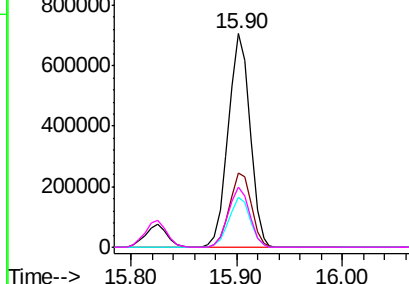
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

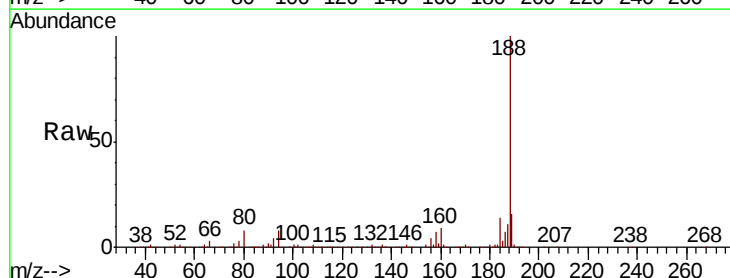
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		523793		
94	7.6	6.3	9.5		
80	8.1	6.9	10.3		

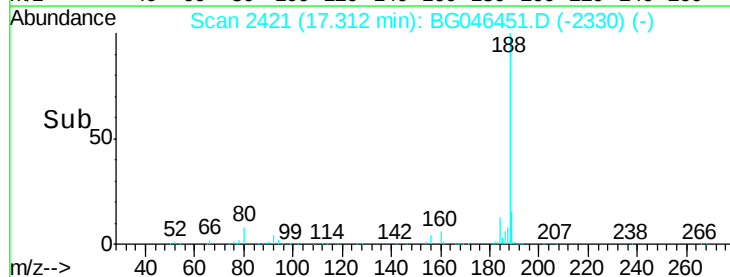
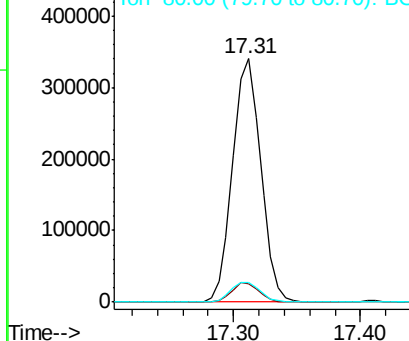


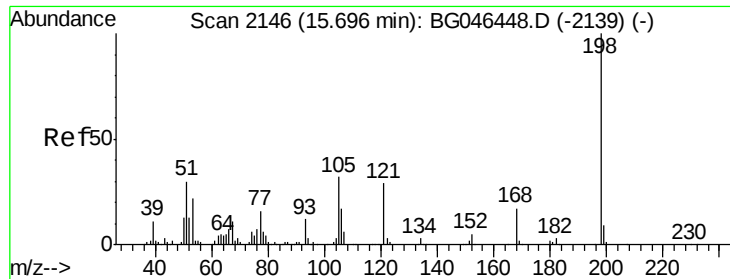
Abundance

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





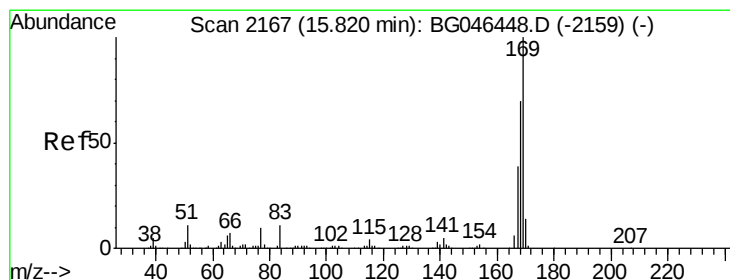
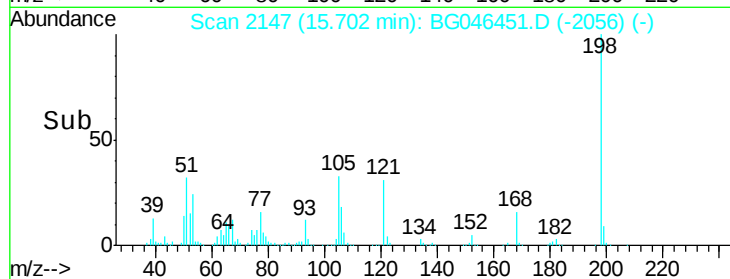
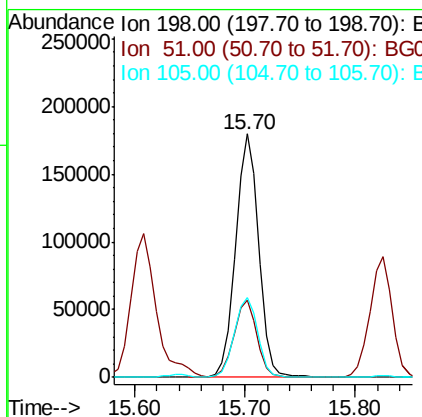
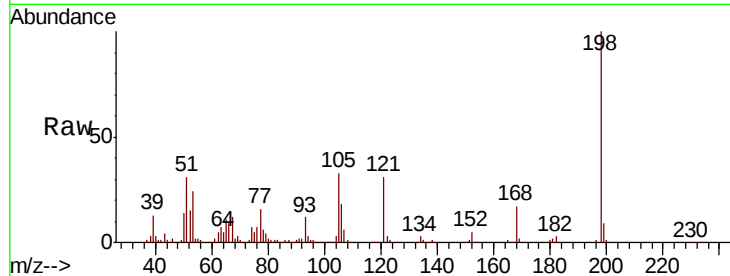
#65
 4,6-Dinitro-2-methylphenol
 Concen: 88.672 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	262887		
51	31.5		10.4	50.4
105	32.9		12.4	52.4

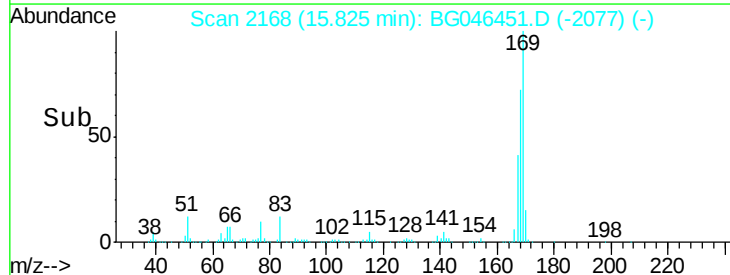
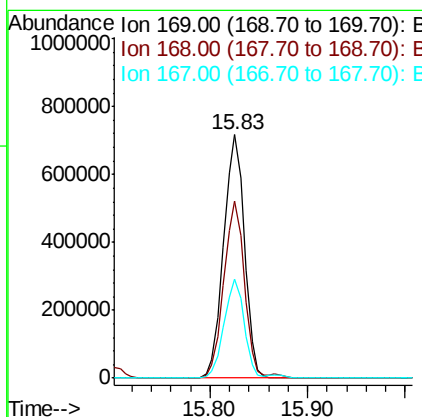
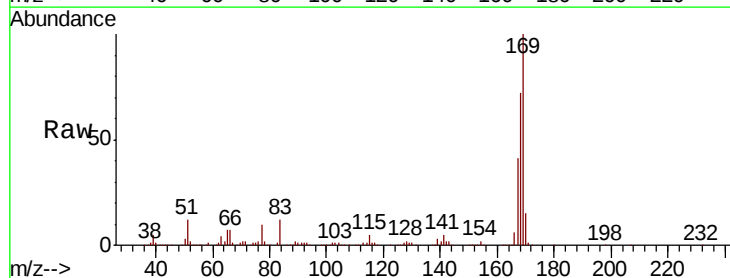
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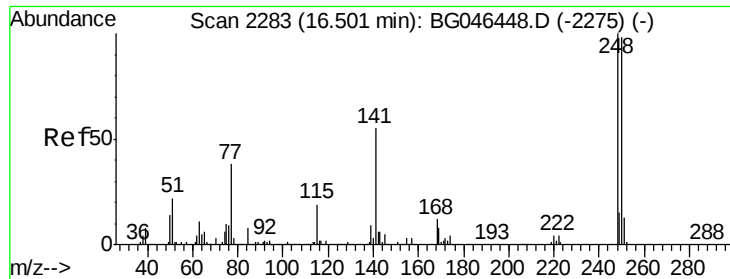
mohammad
 8/26/2020 4:00:13 PM



#66
 n-Nitrosodiphenylamine
 Concen: 75.222 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1062949		
168	72.5		55.8	83.8
167	40.5		31.0	46.6





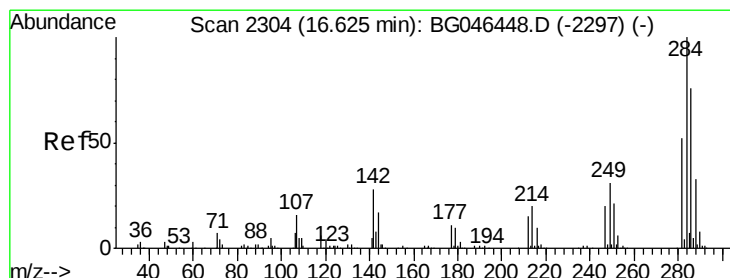
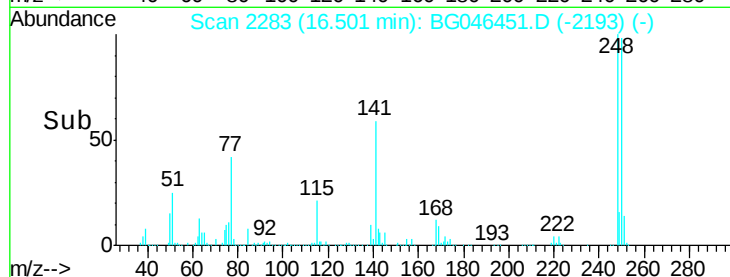
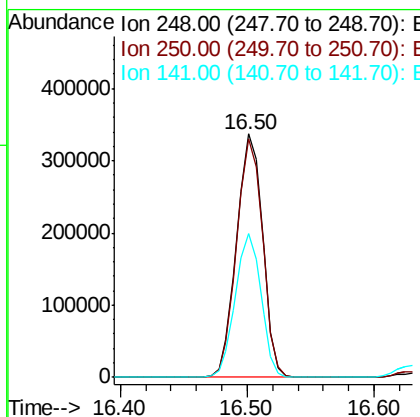
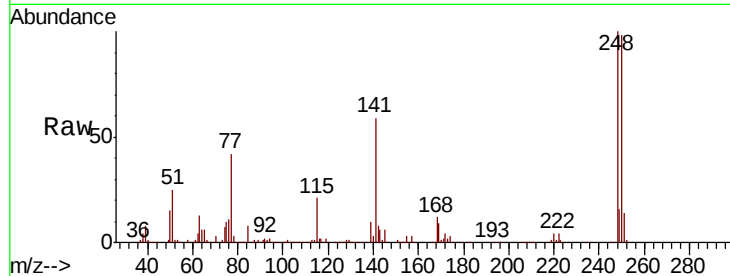
#67
4-Bromophenyl-phenylether
Concen: 78.733 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.6	118.0
141	59.3	43.9	65.9

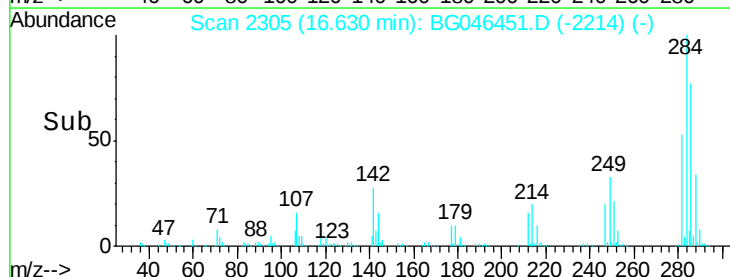
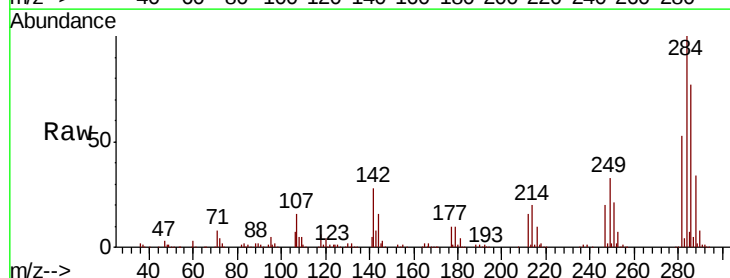
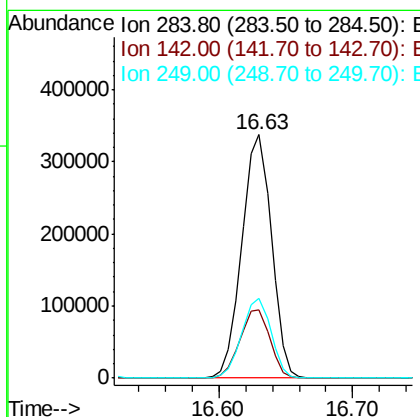
Manual Integrations
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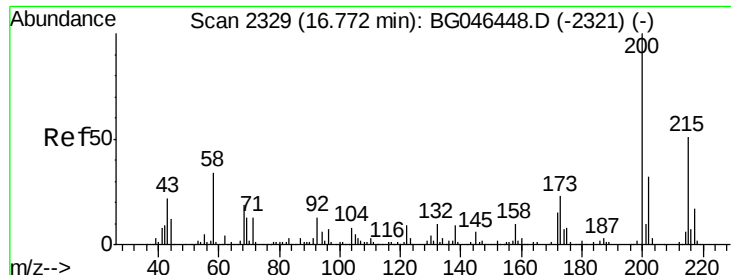
mohammad
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#68
Hexachlorobenzene
Concen: 76.315 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	22.3	33.5
249	32.5	24.8	37.2





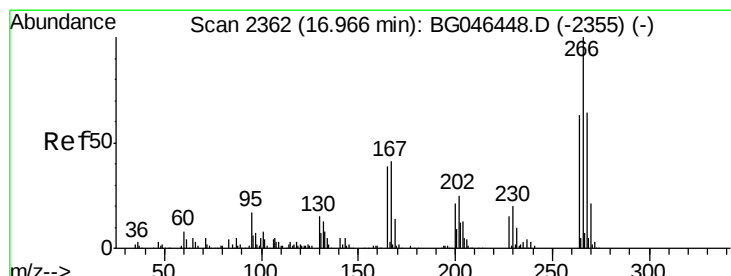
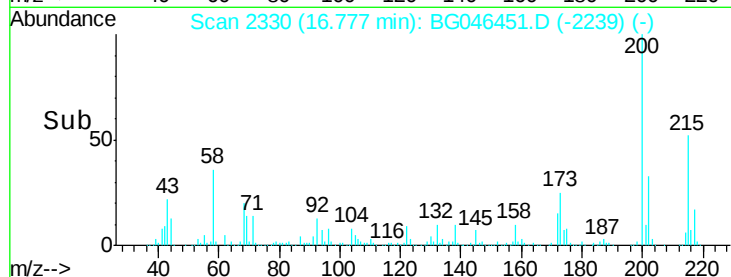
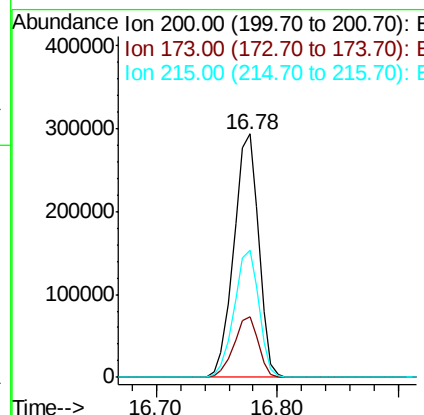
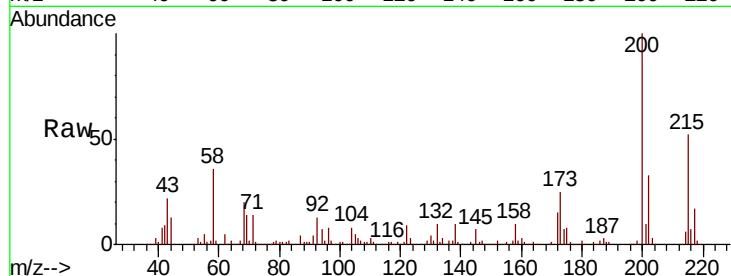
#69
 Atrazine
 Concen: 73.037 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100	421036		
173	25.0	3.3	43.3	
215	52.0	30.9	70.9	

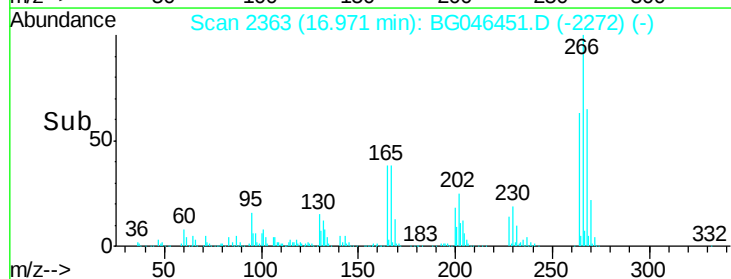
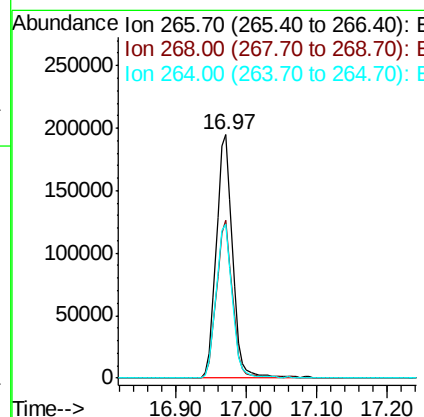
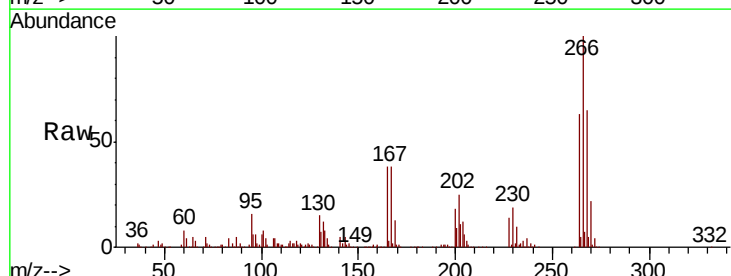
Manual Integrations
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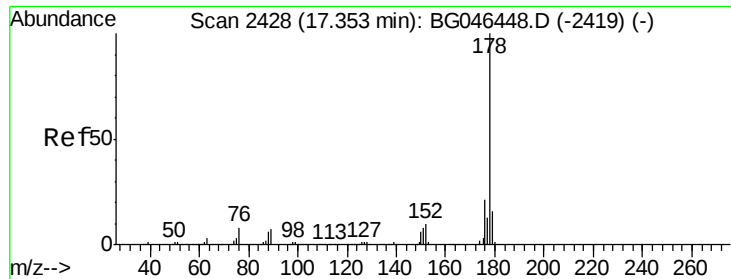
mohammad
 8/26/2020 4:00:13 PM



#70
 Pentachlorophenol
 Concen: 88.910 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	314389		
268	64.7	51.1	76.7	
264	63.1	50.2	75.2	





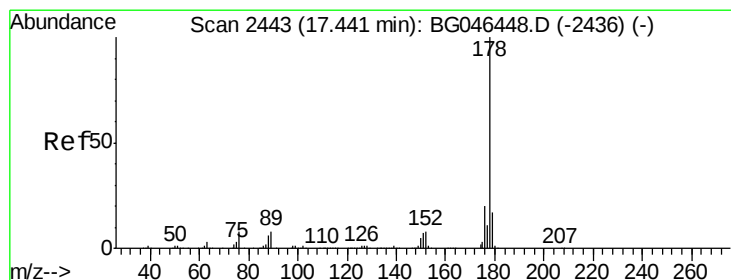
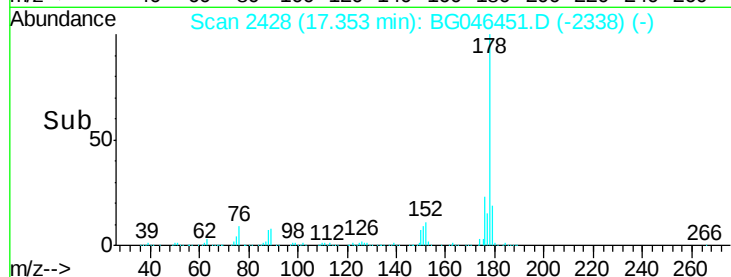
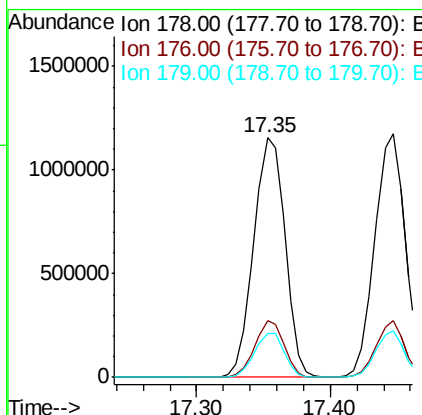
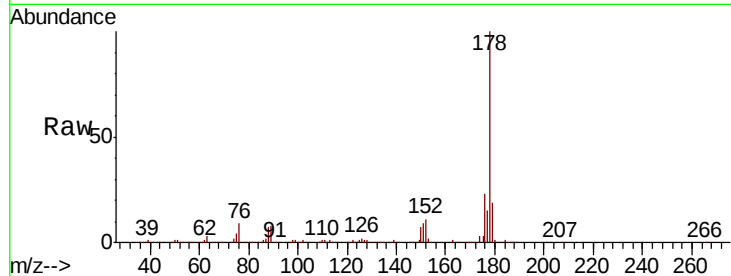
#71
Phenanthrene
Concen: 70.554 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion:178 Resp: 1873169
Ion Ratio Lower Upper
178 100
176 23.4 16.8 25.2
179 18.6 13.2 19.8

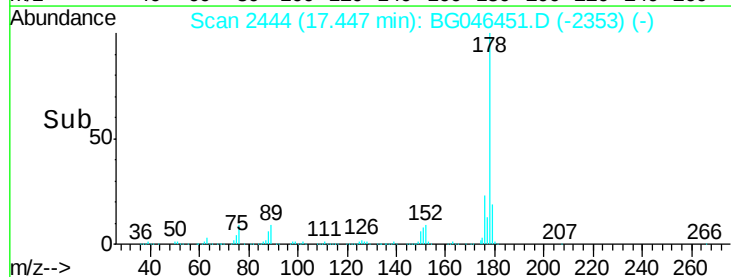
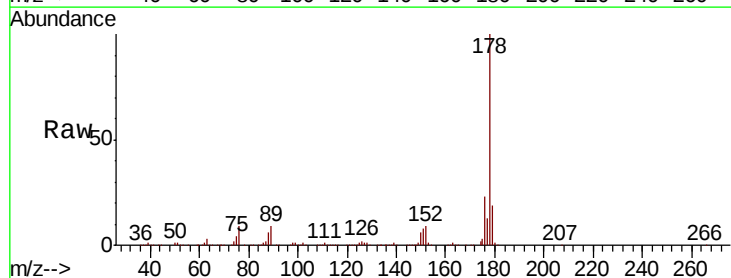
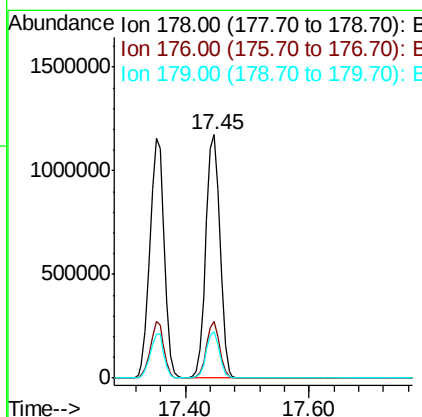
Manual Integrations
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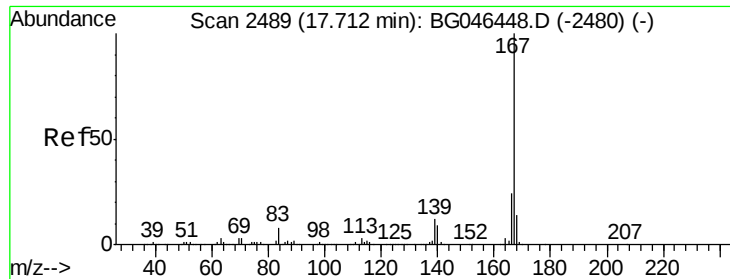
mohammad
8/26/2020 4:00:13 PM



#72
Anthracene
Concen: 70.413 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion:178 Resp: 1844435
Ion Ratio Lower Upper
178 100
176 23.3 16.1 24.1
179 19.3 13.3 19.9





#73

Carbazole

Concen: 70.498 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 1743535

Ion Ratio Lower Upper

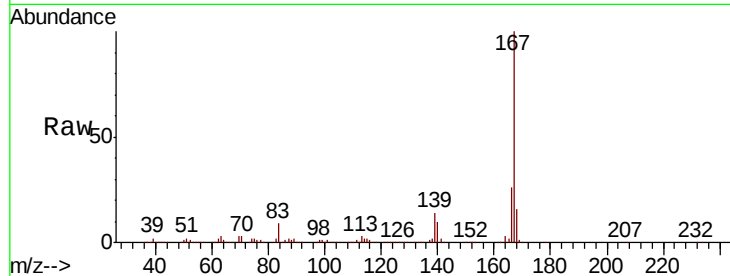
167 100

166 26.1 19.3 28.9

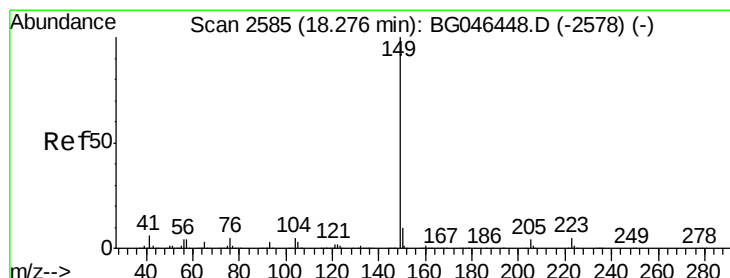
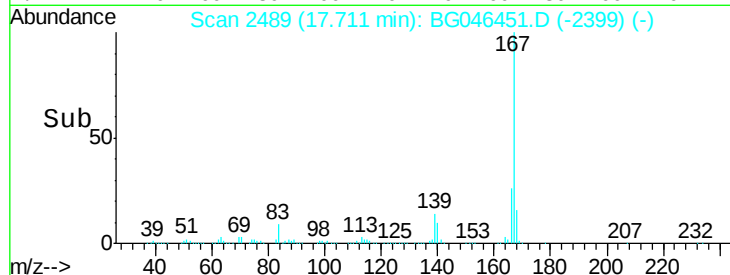
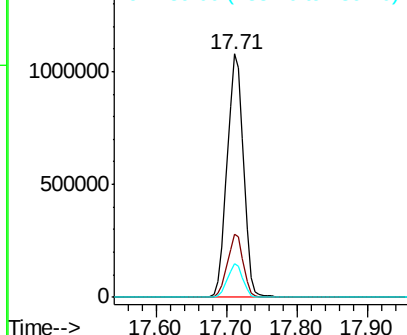
139 13.6 9.7 14.5

Manual Integrations
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mohammad
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 69.063 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

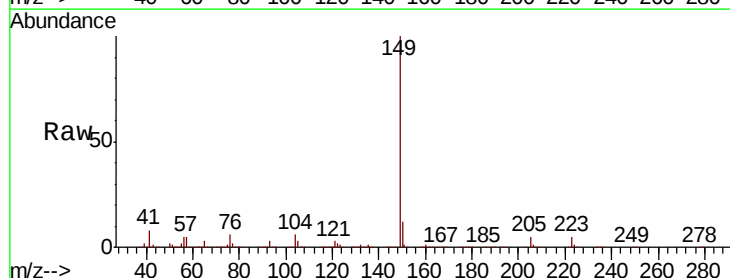
Tgt Ion:149 Resp: 1964097

Ion Ratio Lower Upper

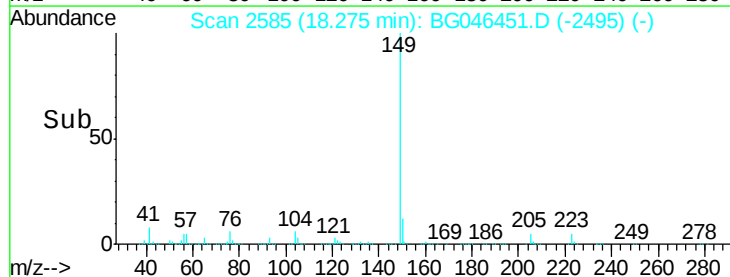
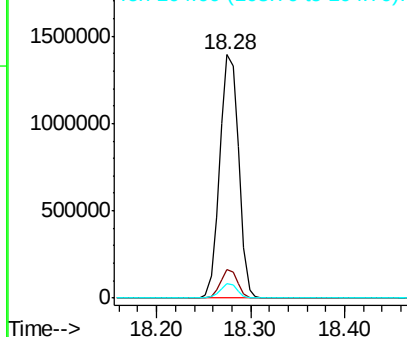
149 100

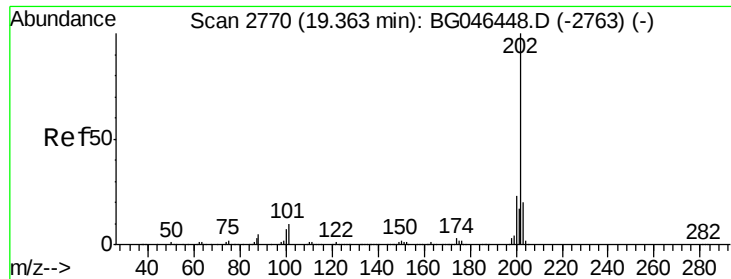
150 11.9 8.1 12.1

104 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 65.614 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

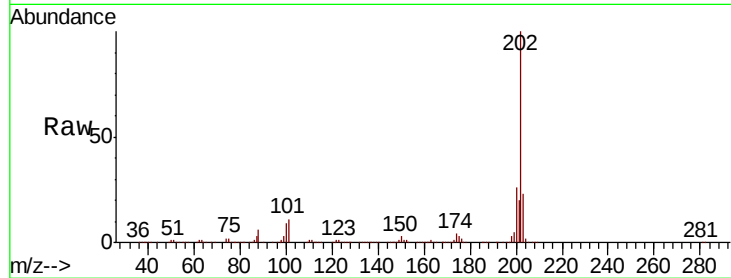
ClientSampleId :

SSTDIC080

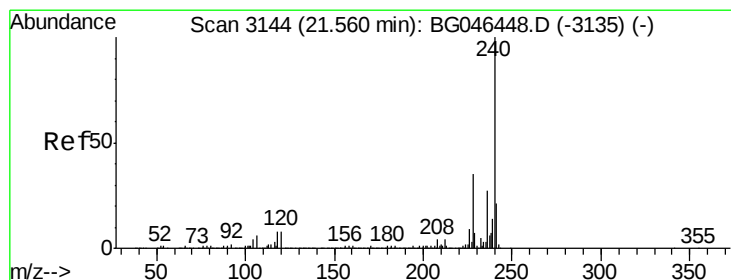
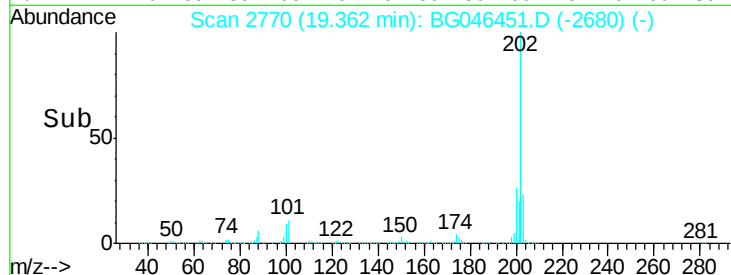
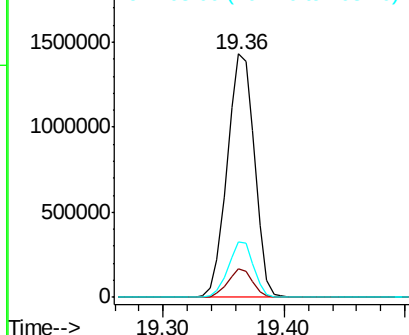
Tot Ion:	202	Resp:	2241790
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	29.9
203	22.6	0.0	40.0

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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

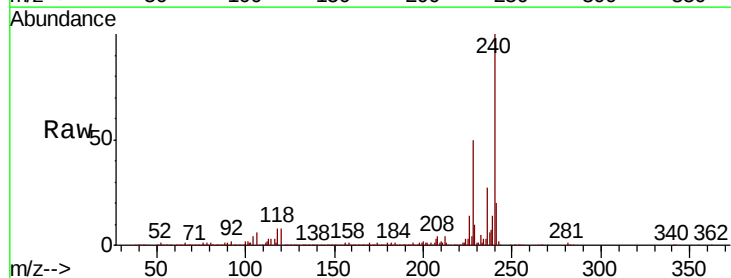
RT: 21.57 min Scan# 3145

Delta R.T. 0.01 min

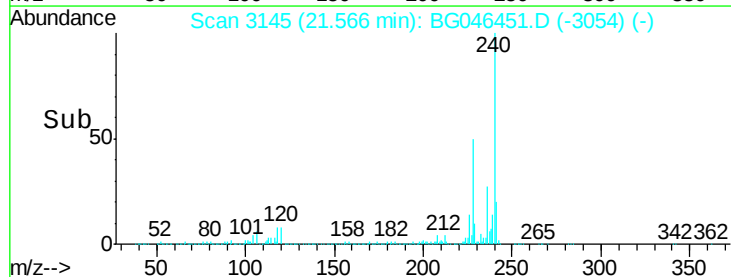
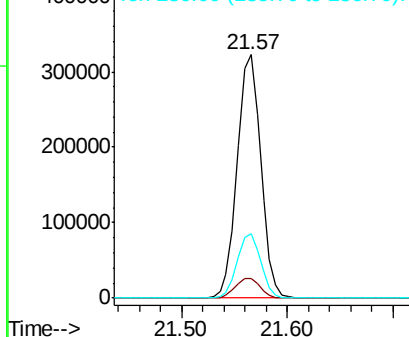
Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Tgt Ion:	240	Resp:	498900
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.6	10.0
236	26.7	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: 88.070 ng

RT: 19.54 min Scan# 2801

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1020982

Ion Ratio Lower Upper

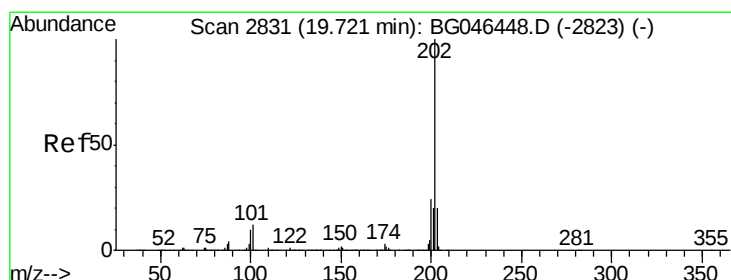
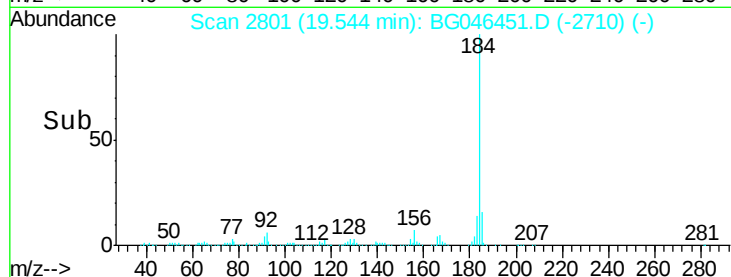
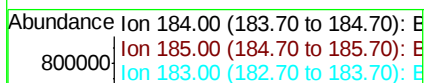
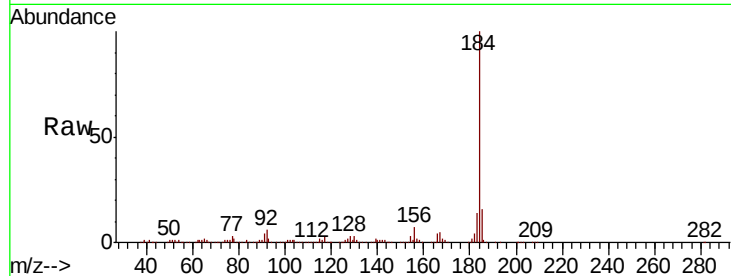
184 100

185 16.1 11.8 17.8

183 13.9 10.7 16.1

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#78

Pyrene

Concen: 70.585 ng

RT: 19.73 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

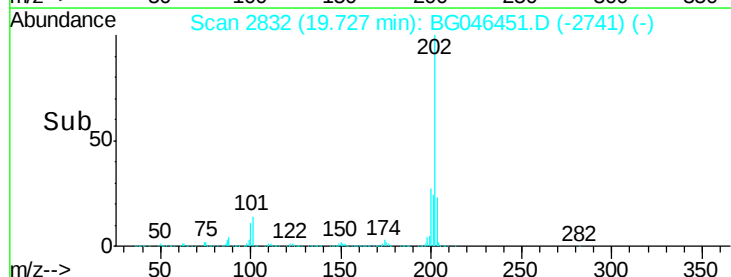
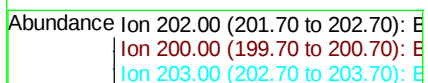
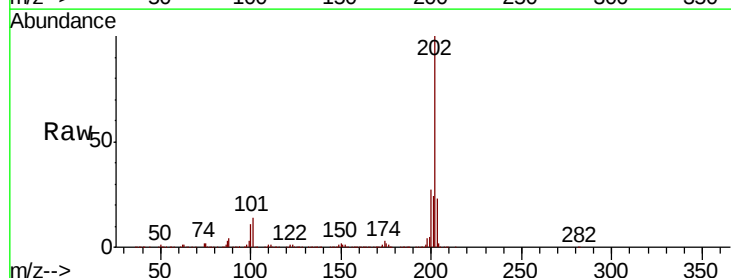
Tgt Ion:202 Resp: 2242436

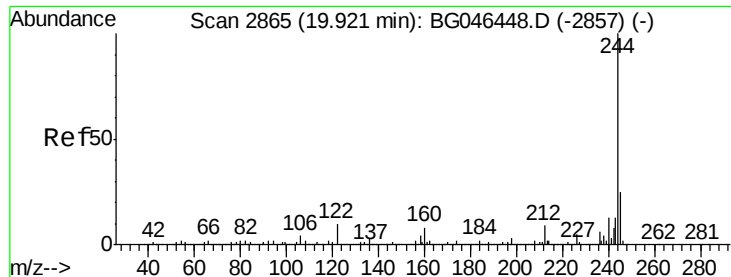
Ion Ratio Lower Upper

202 100

200 27.5 18.9 28.3

203 23.0 16.1 24.1





#79

Terphenyl-d14

Concen: 126.604 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:244 Resp: 2967933

Ion Ratio Lower Upper

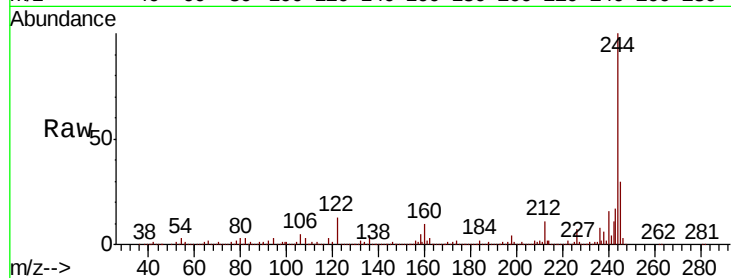
244 100

212 11.1 6.9 10.3#

122 12.7 8.2 12.4#

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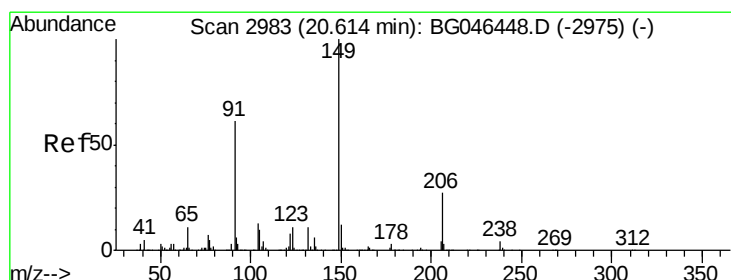
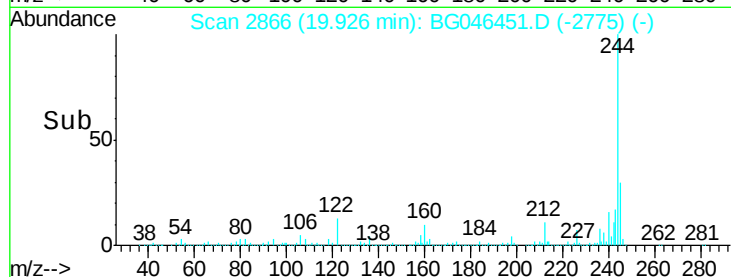
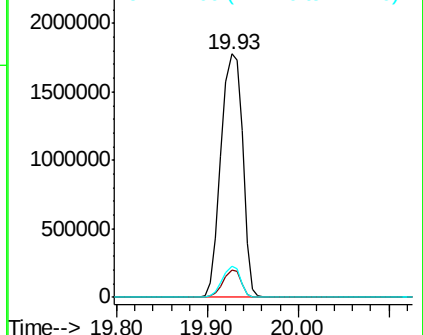
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 76.777 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

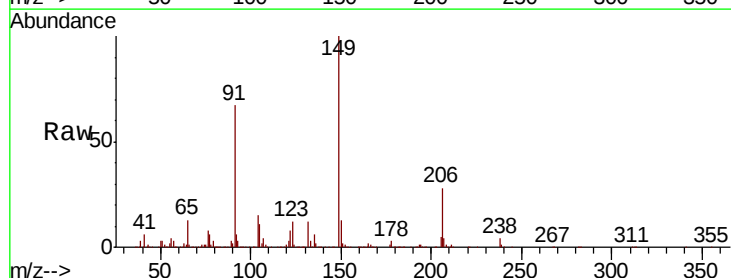
Tgt Ion:149 Resp: 951418

Ion Ratio Lower Upper

149 100

91 67.1 49.1 73.7

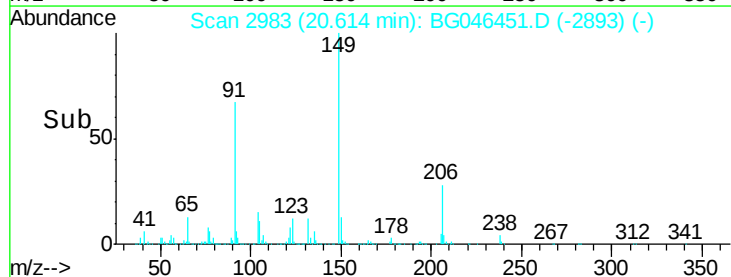
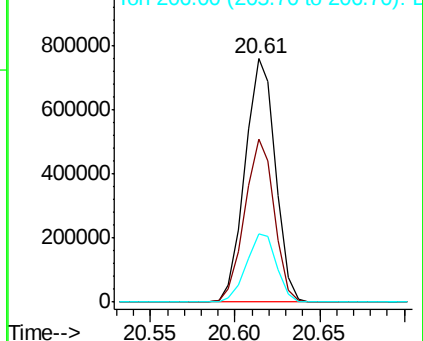
206 28.0 21.9 32.9

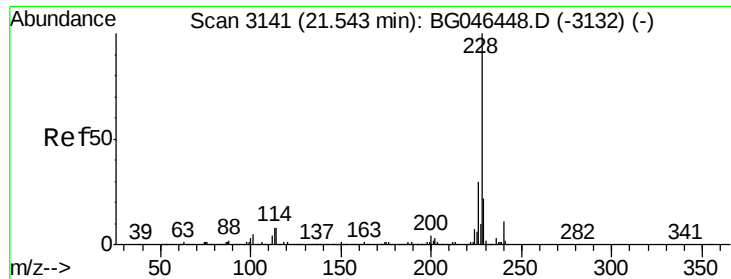


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 71.275 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 2216381

Ion Ratio Lower Upper

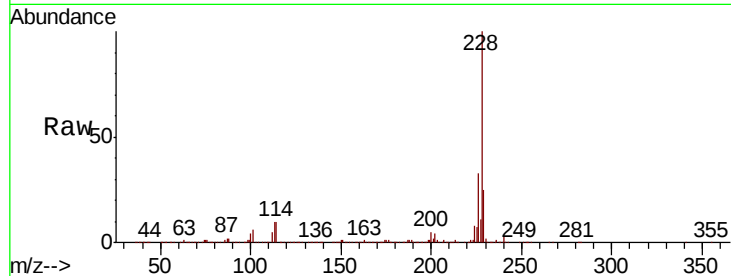
228 100

226 33.1 24.2 36.4

229 25.2 17.4 26.2

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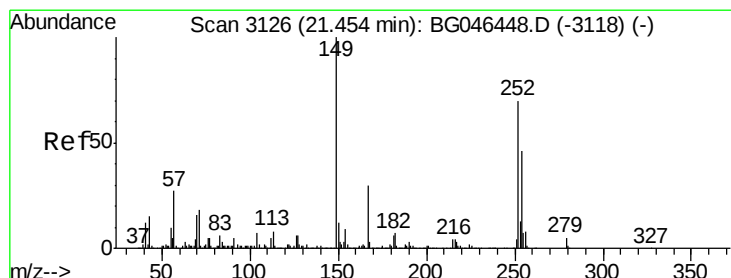
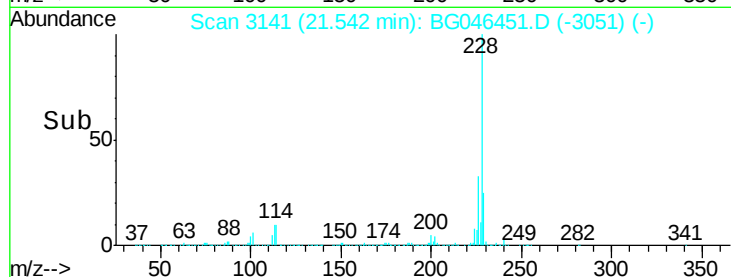
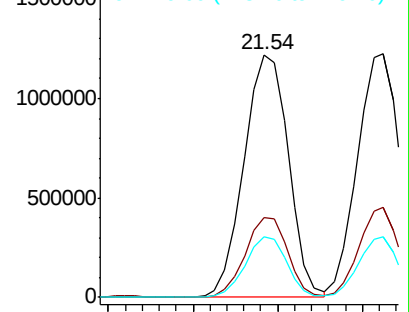
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 75.948 ng

RT: 21.46 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

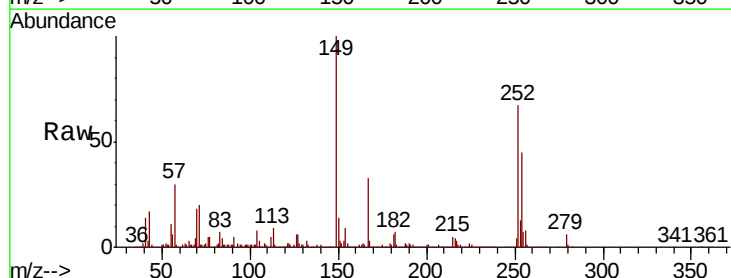
Tgt Ion:252 Resp: 876437

Ion Ratio Lower Upper

252 100

254 67.1 51.9 77.9

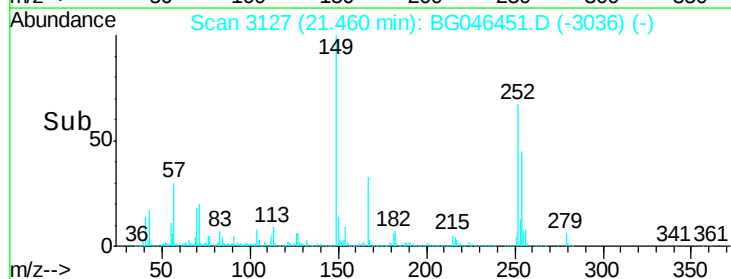
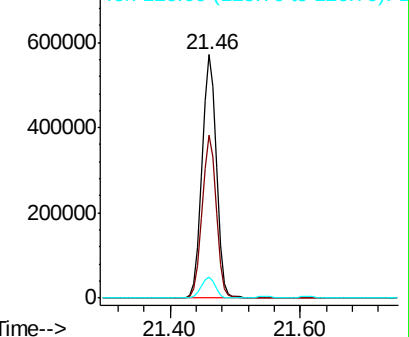
126 8.7 7.4 11.0

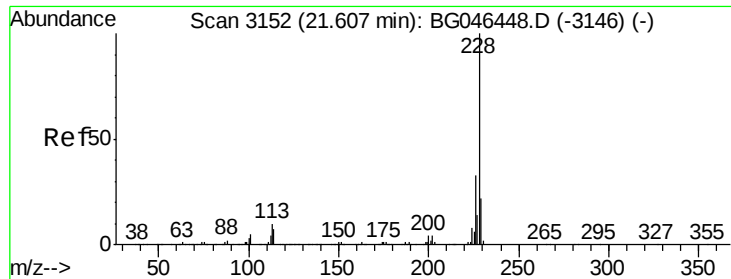


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





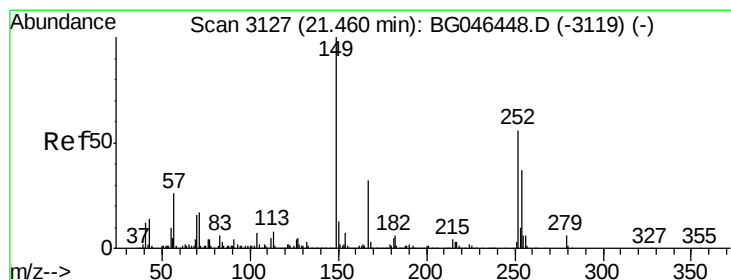
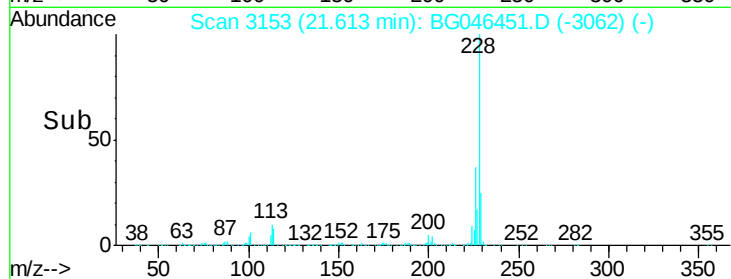
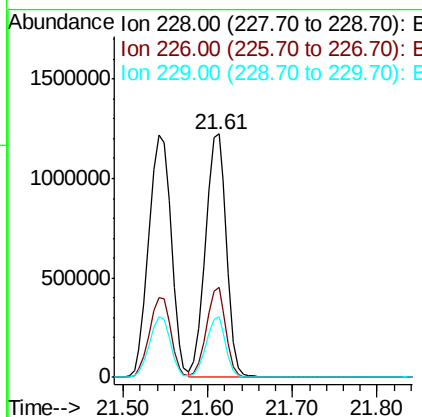
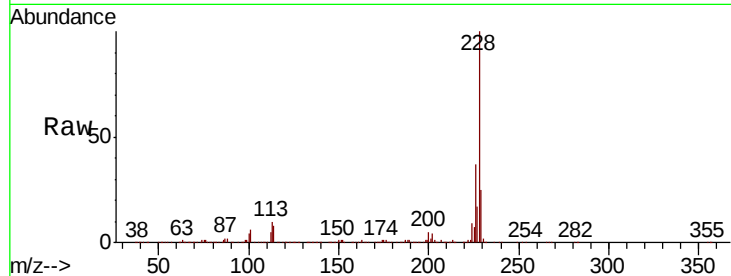
#83
Chrysene
Concen: 71.170 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.8	26.2	39.4
229	24.7	17.9	26.9

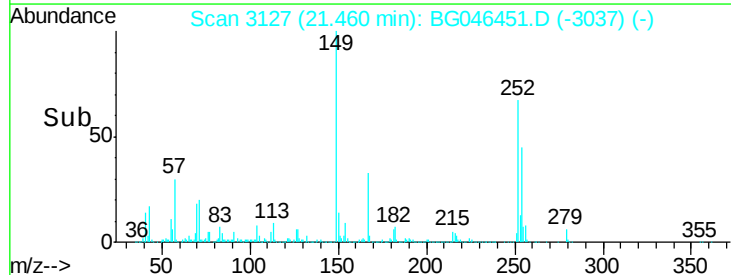
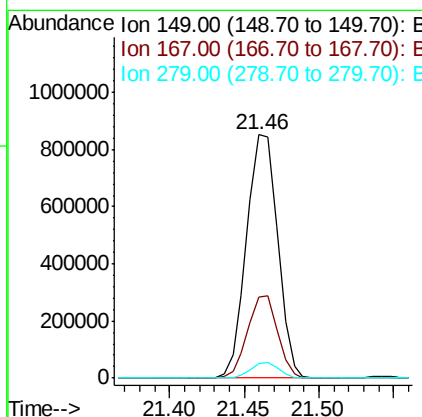
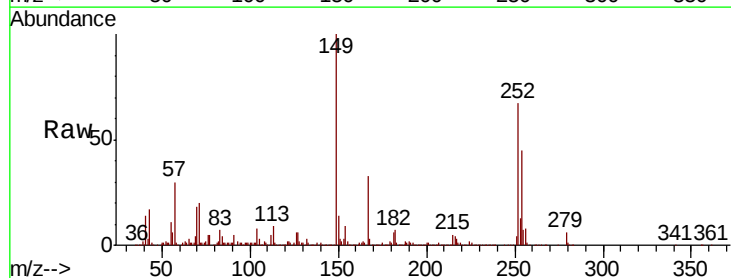
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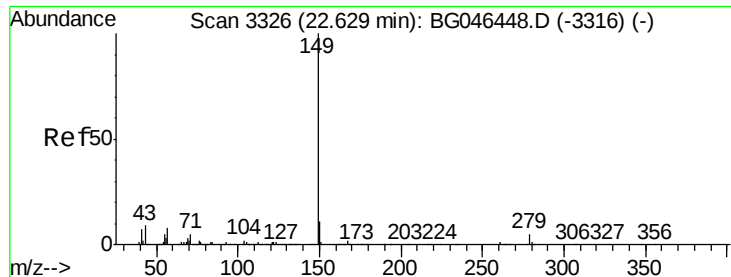
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#84
Bis(2-ethylhexyl)phthalate
Concen: 72.651 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.3	25.4	38.2
279	5.7	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 74.465 ng

RT: 22.63 min Scan# 3327

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2156218

Ion Ratio Lower Upper

149 100

167 2.0 1.5 2.3

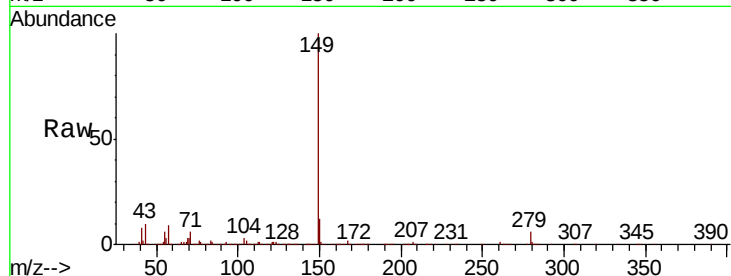
43 9.4 7.0 10.4

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

22.63

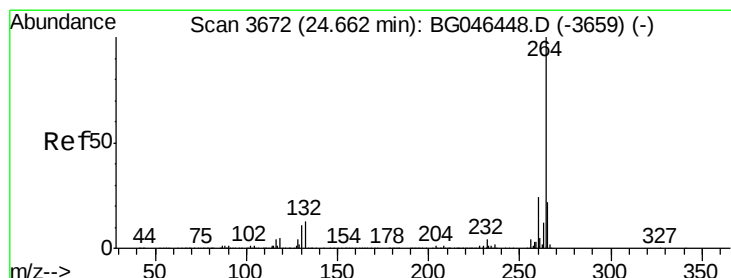
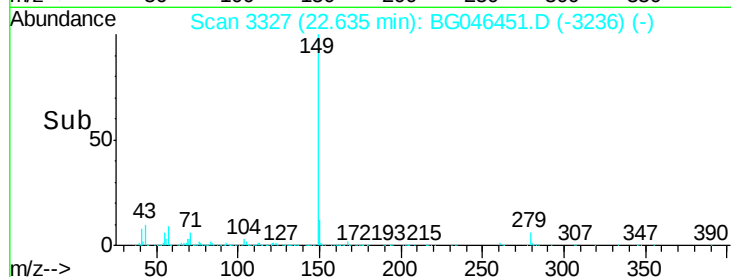
1500000

1000000

500000

0

Time--> 22.50 22.60 22.70



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

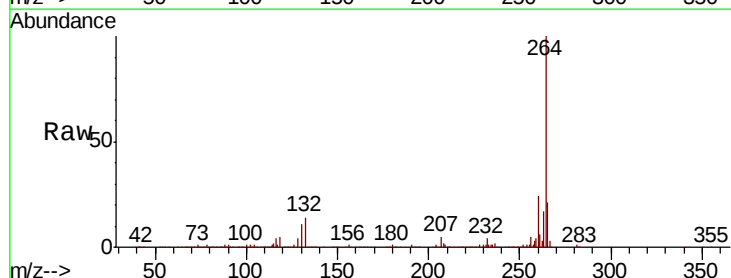
Tgt Ion:264 Resp: 504051

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

24.67

250000

200000

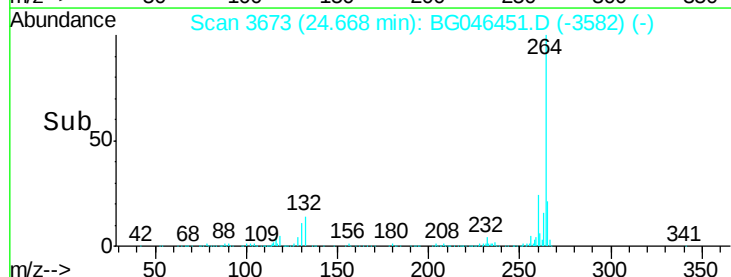
150000

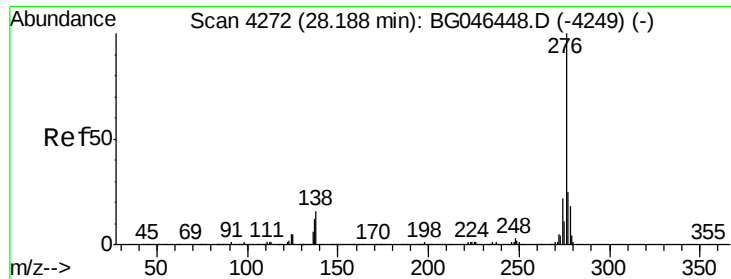
100000

50000

0

Time--> 24.50 24.60 24.70 24.80





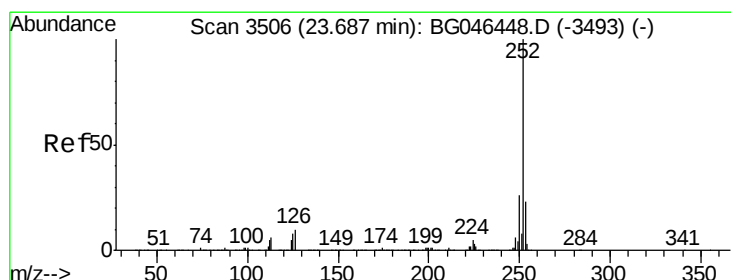
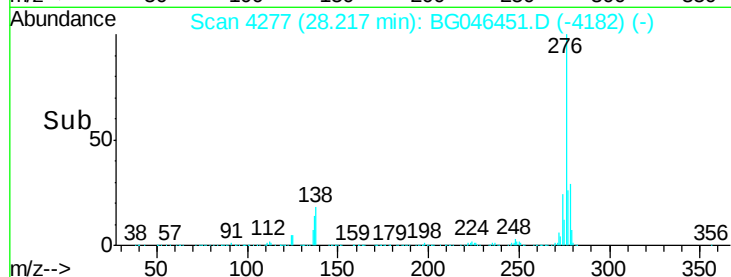
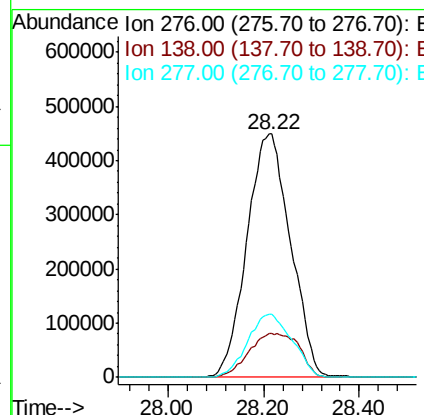
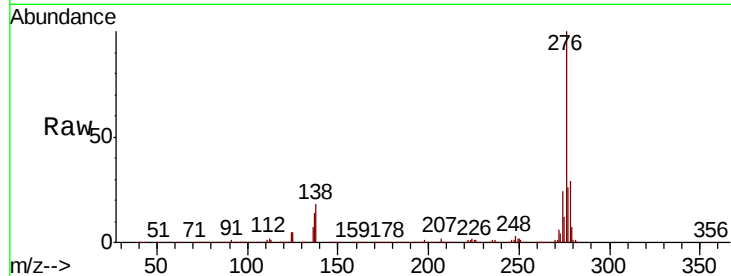
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 78.333 ng
 RT: 28.22 min Scan# 4277
 Delta R.T. 0.03 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.5	24.7
277	26.6	20.7	31.1

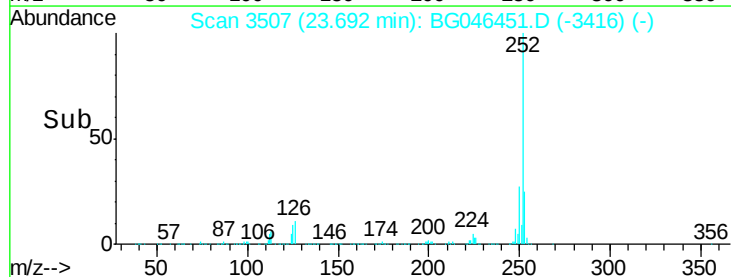
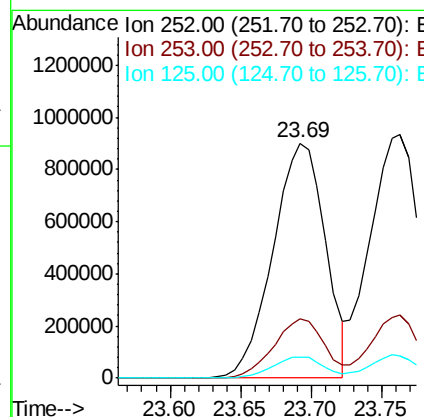
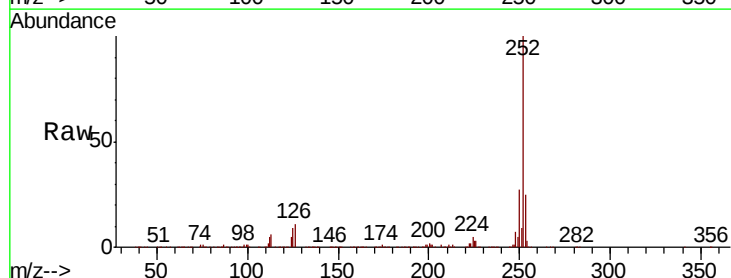
Manual Integrations
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#88
 Benzo(b)fluoranthene
 Concen: 73.820 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. 0.01 min
 Lab File: BG046451.D
 Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.4
125	9.0	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 74.807 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 2275455

Ion Ratio Lower Upper

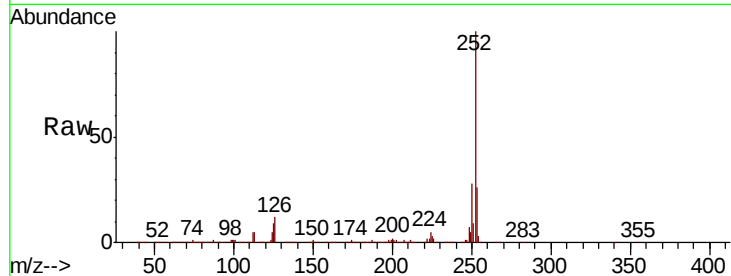
252 100

253 25.8 18.5 27.7

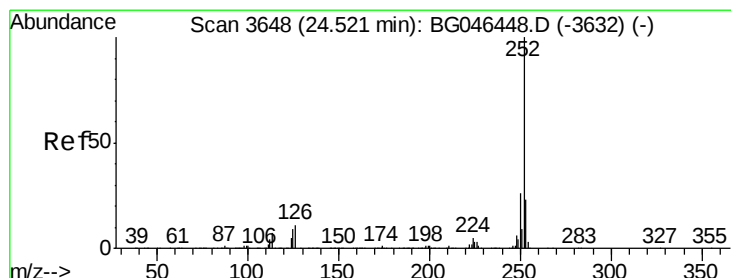
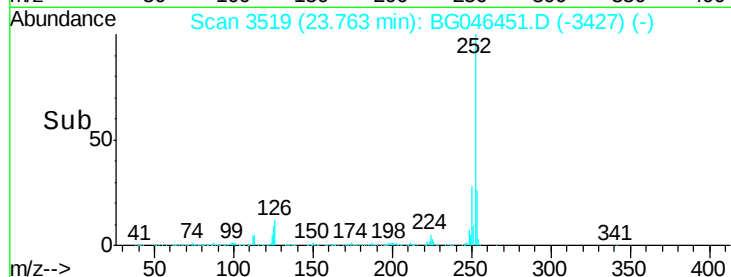
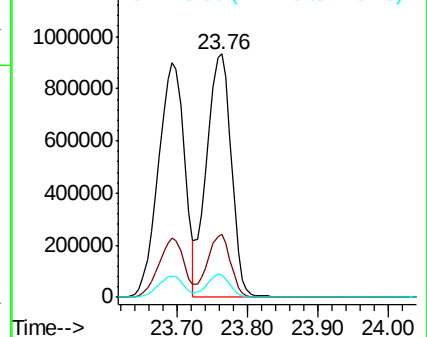
125 9.3 6.8 10.2

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



#90

Benzo(a)pyrene

Concen: 75.605 ng

RT: 24.53 min Scan# 3650

Delta R.T. 0.01 min

Lab File: BG046451.D

Acq: 25 Aug 2020 16:49

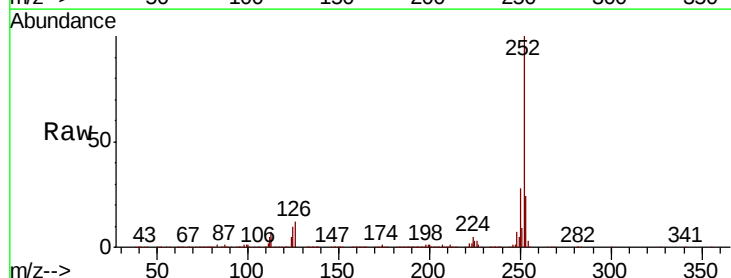
Tgt Ion:252 Resp: 2220639

Ion Ratio Lower Upper

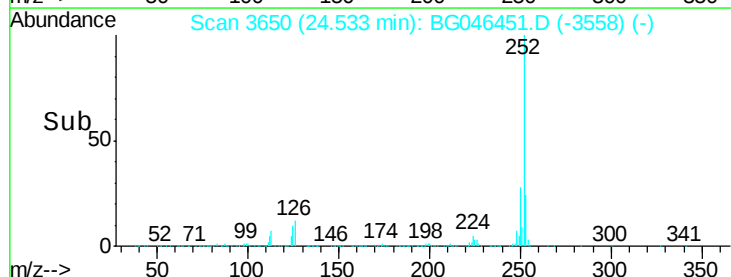
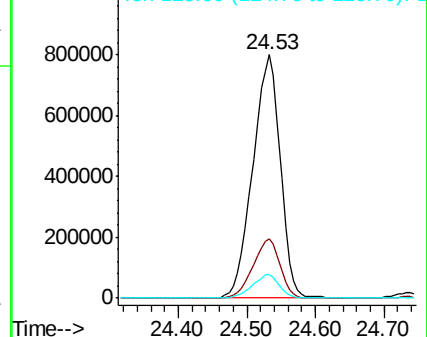
252 100

253 24.4 18.2 27.4

125 9.6 7.4 11.0



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





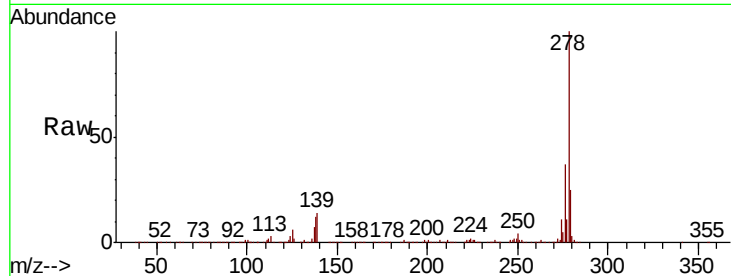
#91
Dibenzo(a,h)anthracene
Concen: 77.400 ng
RT: 28.26 min Scan# 4285
Delta R.T. 0.02 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

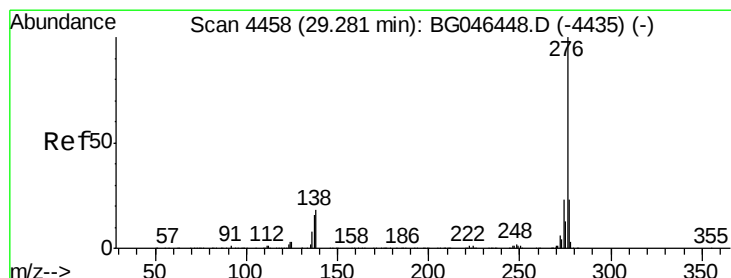
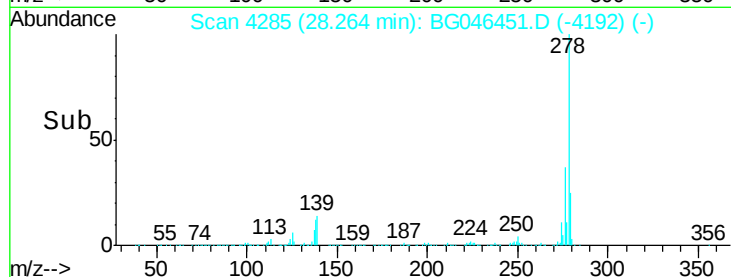
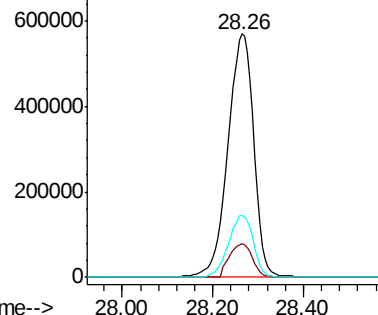
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.2	16.8
279	25.4	19.8	29.8

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:13 PM

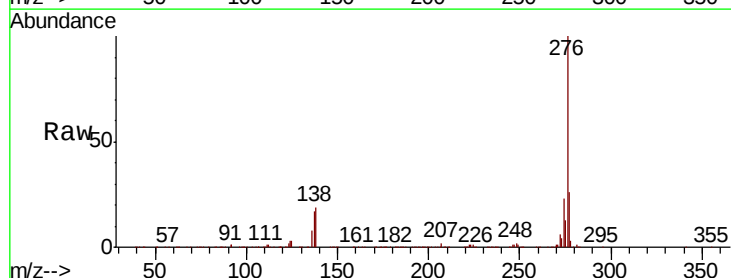


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 78.227 ng
RT: 29.31 min Scan# 4463
Delta R.T. 0.03 min
Lab File: BG046451.D
Acq: 25 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.7	28.1
138	19.2	14.7	22.1



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

