

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046611.D
 Acq On : 14 Sep 2020 20:12
 Operator : CG/JU
 Sample : L3981-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Manual Integrations
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mohammad
 9/15/2020 11:18:24 AM

Quant Time: Sep 15 02:30:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	61570	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	257131	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194061	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	489439	20.00	ng	0.00
76) Chrysene-d12	21.55	240	485916	20.00	ng	0.00
86) Perylene-d12	24.65	264	496982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	350740	100.90	ng	0.00
7) Phenol-d6	7.10	99	489818	99.40	ng	0.00
23) Nitrobenzene-d5	9.08	82	294960	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249158	94.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	767559	60.38	ng	0.00
79) Terphenyl-d14	19.91	244	1339443	58.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	55568	38.423	ng	97
3) Pyridine	3.81	79	159198	37.623	ng	96
4) n-Nitrosodimethylamine	3.72	42	69900	44.790	ng	99
6) Aniline	7.25	93	167976	30.292	ng	99
8) 2-Chlorophenol	7.50	128	181034	49.274	ng	97
9) Benzaldehyde	7.06	77	77910	28.219	ng	100
10) Phenol	7.13	94	230997	50.894	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	162382	44.508	ng	99
12) 1,3-Dichlorobenzene	7.81	146	198528	42.561	ng	99
13) 1,4-Dichlorobenzene	7.96	146	199562	42.734	ng	99
14) 1,2-Dichlorobenzene	8.28	146	195463	43.652	ng	99
15) Benzyl Alcohol	8.17	79	152633	48.244	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	240230	42.451	ng	98
17) 2-Methylphenol	8.37	107	161534	50.183	ng	98
18) Hexachloroethane	9.01	117	66069	41.726	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	134341	45.575	ng	99
20) 3+4-Methylphenols	8.70	107	222760	50.138	ng	100
22) Acetophenone	8.74	105	260184	41.569	ng	99
24) Nitrobenzene	9.12	77	194487	43.758	ng	97
25) Isophorone	9.65	82	374468	45.401	ng	99
26) 2-Nitrophenol	9.84	139	108294	46.181	ng	96
27) 2,4-Dimethylphenol	9.90	122	179931	55.788	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	227099	42.778	ng	99
29) 2,4-Dichlorophenol	10.38	162	207201	48.191	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	209308	41.029	ng	98
31) Naphthalene	10.77	128	550111	43.817	ng	99
32) Benzoic acid	10.06	122	79147	36.426	ng	98
33) 4-Chloroaniline	10.88	127	97140	17.547	ng	99
34) Hexachlorobutadiene	11.06	225	131633	39.749	ng	97
35) Caprolactam	11.65	113	76351m	47.506	ng	
36) 4-Chloro-3-methylphenol	12.02	107	213290	50.720	ng	95
37) 2-Methylnaphthalene	12.38	142	444145	44.856	ng	99
38) 1-Methylnaphthalene	12.60	142	419106	44.685	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263277	41.141	ng	99

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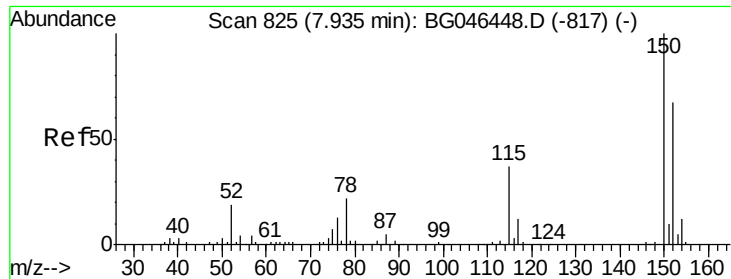
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264694	95.124	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	184870	42.809	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	204504	45.071	ng	99
46) 1,1'-Biphenyl	13.39	154	585472	43.363	ng	98
47) 2-Chloronaphthalene	13.43	162	467813	40.866	ng	99
48) 2-Nitroaniline	13.63	65	133619	42.035	ng	99
49) Acenaphthylene	14.28	152	760962	43.822	ng	100
50) Dimethylphthalate	14.01	163	712383	47.449	ng	99
51) 2,6-Dinitrotoluene	14.13	165	150769	45.557	ng	99
52) Acenaphthene	14.62	154	460023	42.750	ng	98
53) 3-Nitroaniline	14.46	138	83559	23.309	ng	99
54) 2,4-Dinitrophenol	14.67	184	182640	94.545	ng	97
55) Dibenzofuran	14.96	168	755244	43.733	ng	100
56) 4-Nitrophenol	14.78	139	243101	92.143	ng	96
57) 2,4-Dinitrotoluene	14.92	165	213226	45.185	ng	99
58) Fluorene	15.60	166	642478	44.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	198889	45.140	ng	99
60) Diethylphthalate	15.38	149	637456	43.548	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	340738	42.686	ng	98
62) 4-Nitroaniline	15.62	138	153624	40.614	ng	97
63) Azobenzene	15.89	77	534364	44.877	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	141384	51.037	ng	96
66) n-Nitrosodiphenylamine	15.81	169	587959	44.529	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	244146	42.756	ng	98
68) Hexachlorobenzene	16.62	284	263201	41.620	ng	98
69) Atrazine	16.76	200	190667	35.396	ng	99
70) Pentachlorophenol	16.96	266	295811	89.528	ng	99
71) Phenanthrene	17.34	178	1090299	43.949	ng	100
72) Anthracene	17.43	178	1105909	45.182	ng	99
73) Carbazole	17.70	167	1021002	44.181	ng	99
74) Di-n-butylphthalate	18.27	149	1123146	42.265	ng	99
75) Fluoranthene	19.35	202	1383246	43.327	ng	100
77) Benzidine	19.53	184	581395	51.491	ng	98
78) Pyrene	19.71	202	1374877	44.433	ng	100
80) Butylbenzylphthalate	20.60	149	510856	42.327	ng	98
81) Benzo(a)anthracene	21.53	228	1300449	42.937	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	273048	24.293	ng	99
83) Chrysene	21.60	228	1269730	43.583	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	713880	43.342	ng	100
85) Di-n-octyl phthalate	22.61	149	1254525	44.483	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1594183	44.662	ng	99
88) Benzo(b)fluoranthene	23.67	252	1369601	44.135	ng	97
89) Benzo(k)fluoranthene	23.74	252	1338045	44.615	ng	99
90) Benzo(a)pyrene	24.51	252	1255493	43.353	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1292386	44.868	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1323245	46.004	ng	98

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



#1

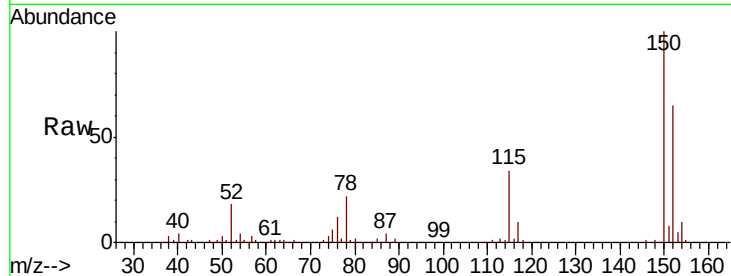
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

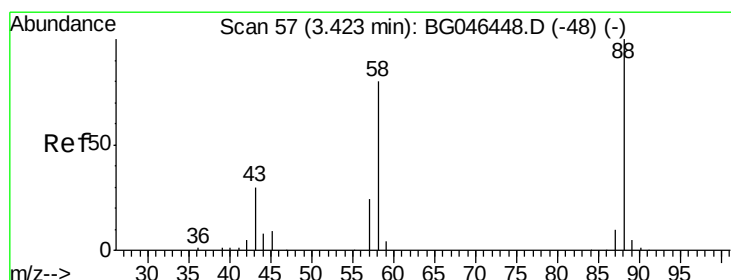
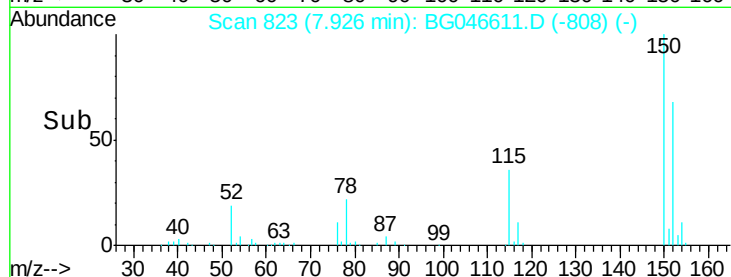
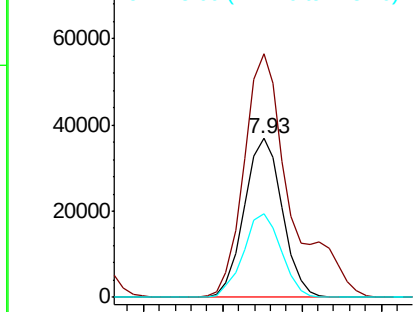
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	119.5	179.3
115	52.7	44.3	66.5

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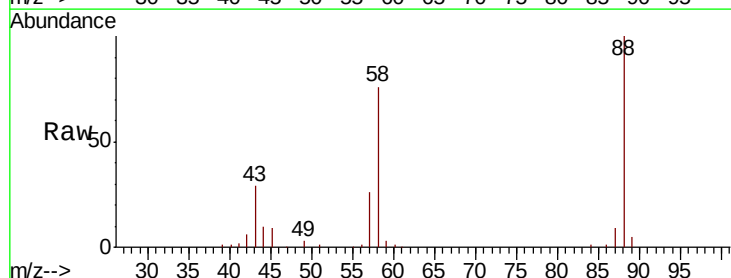
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



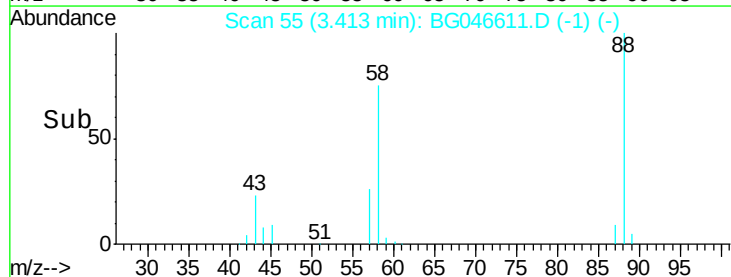
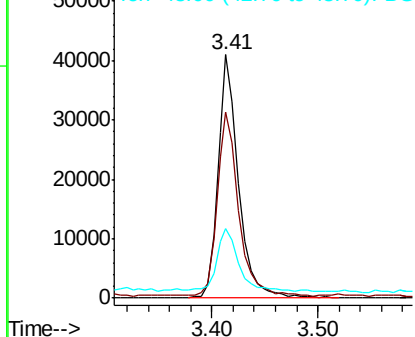
#2

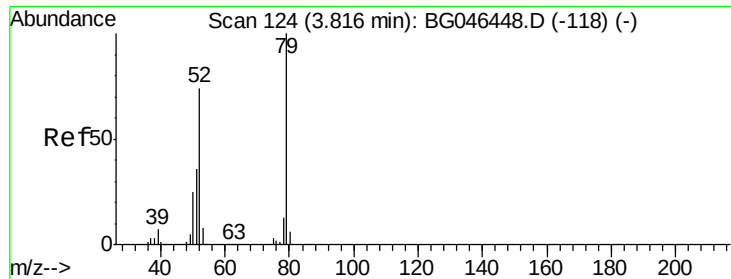
1,4-Dioxane
Concen: 38.423 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	61.4	92.2
43	28.6	21.6	32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.623 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

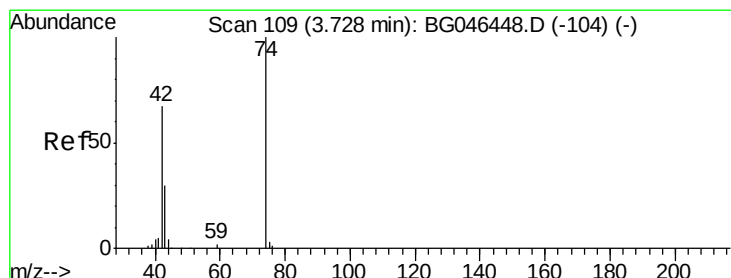
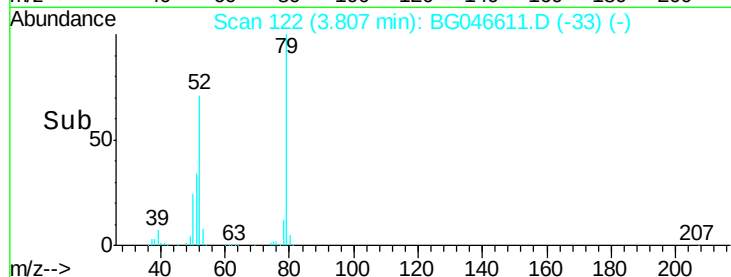
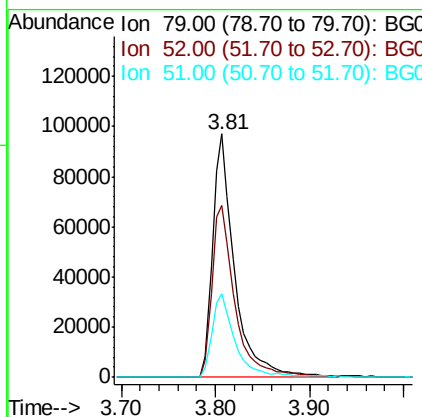
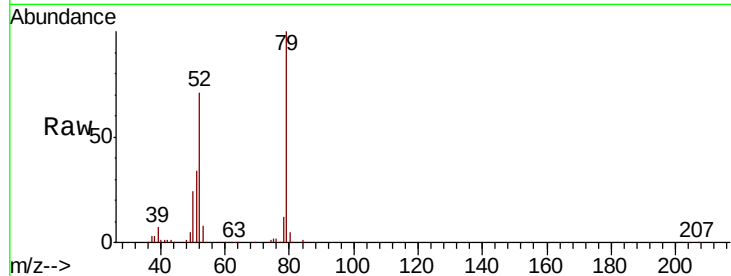
ClientSampleId :

B20-7-9MSD

Tot Ion:	79	Resp:	159198
Ion	Ratio	Lower	Upper
79	100		
52	70.8	59.1	88.7
51	34.1	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 44.790 ng

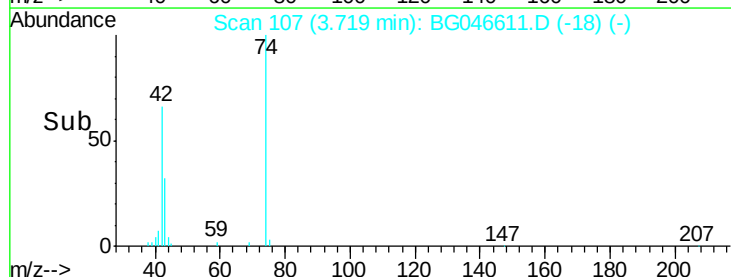
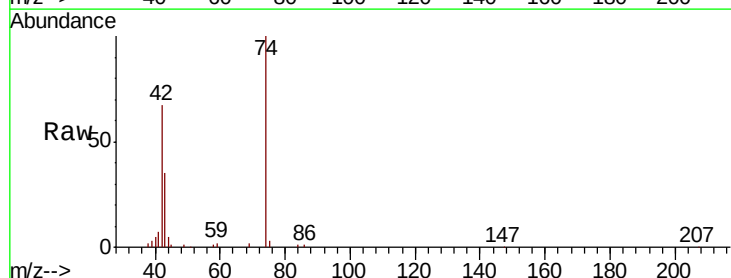
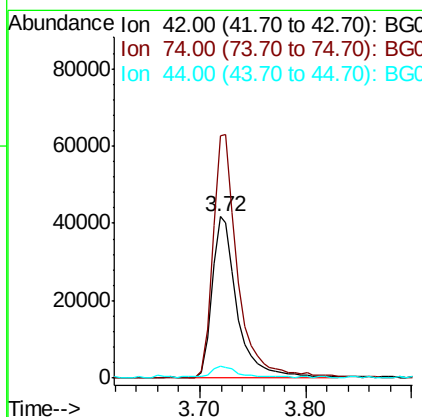
RT: 3.72 min Scan# 107

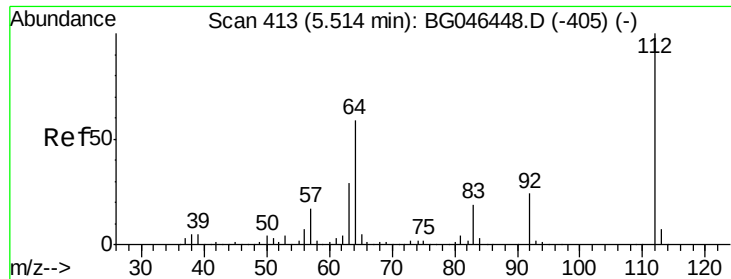
Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	42	Resp:	69900
Ion	Ratio	Lower	Upper
42	100		
74	150.1	119.5	179.3
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 100.897 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

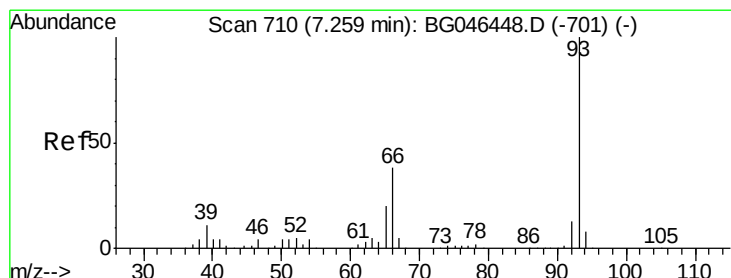
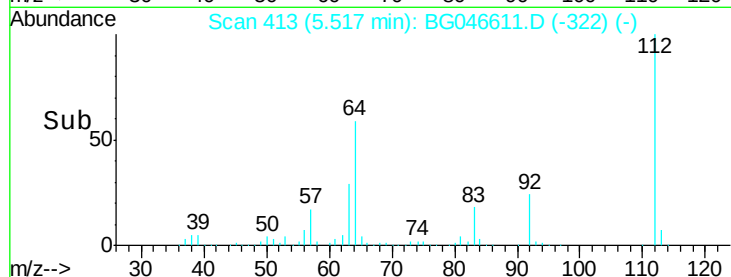
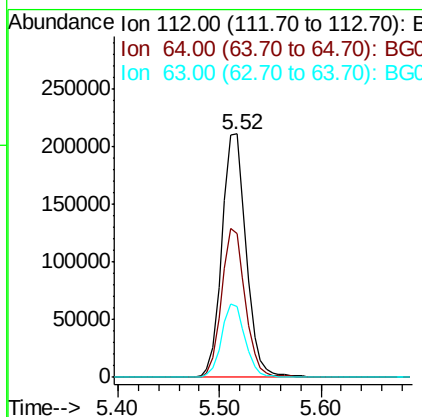
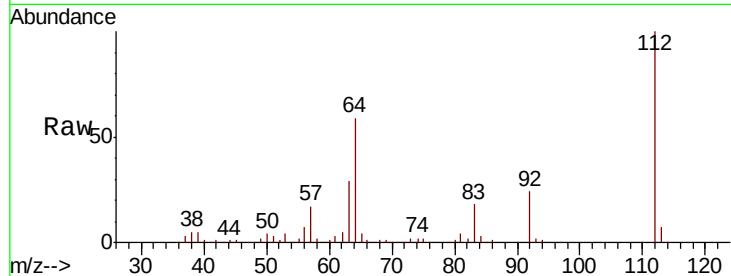
ClientSampleId :

B20-7-9MSD

Tot Ion:	112	Resp:	350740
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.0	70.6
63	29.0	23.5	35.3

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#6

Aniline

Concen: 30.292 ng

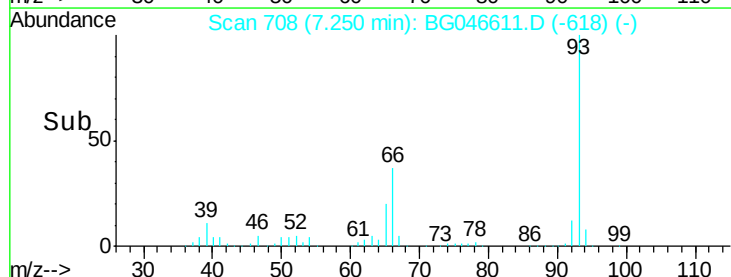
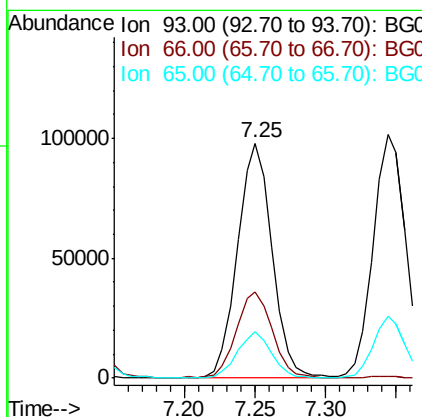
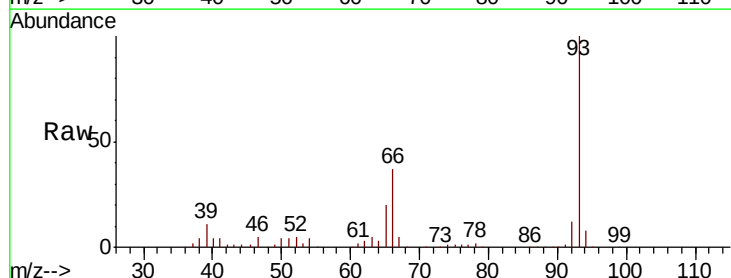
RT: 7.25 min Scan# 708

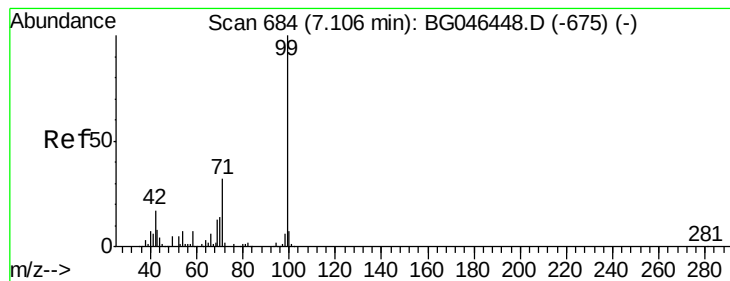
Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	93	Resp:	167976
Ion Ratio	Lower	Upper	
93	100		
66	36.7	30.4	45.6
65	19.6	15.8	23.6





#7

Phenol-d6

Concen: 99.397 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

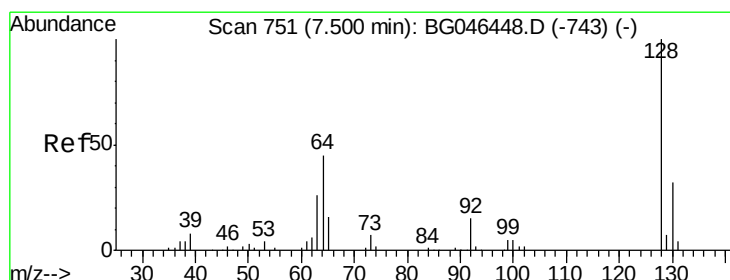
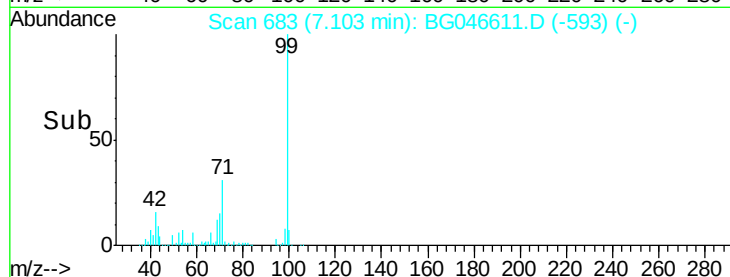
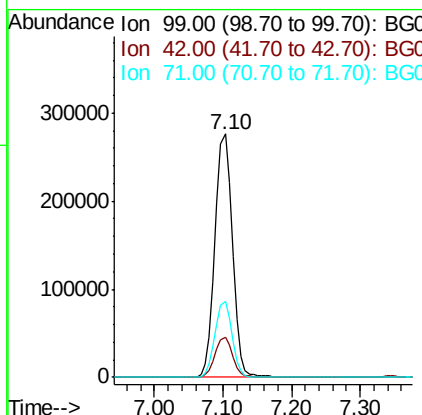
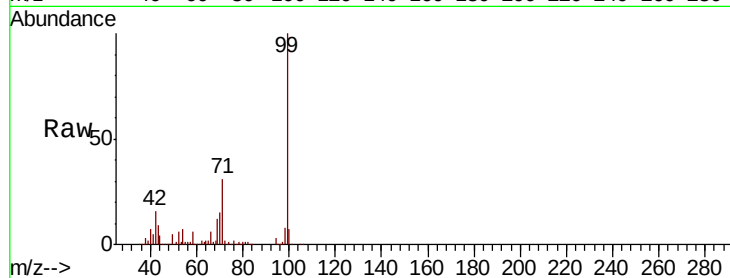
ClientSampleId :

B20-7-9MSD

Tot Ion:	99	Resp:	489818
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.3	19.9
71	31.3	25.3	37.9

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#8

2-Chlorophenol

Concen: 49.274 ng

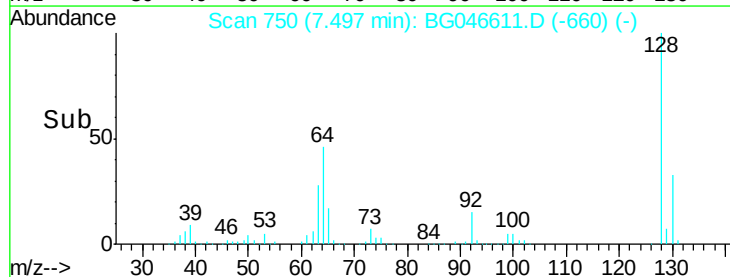
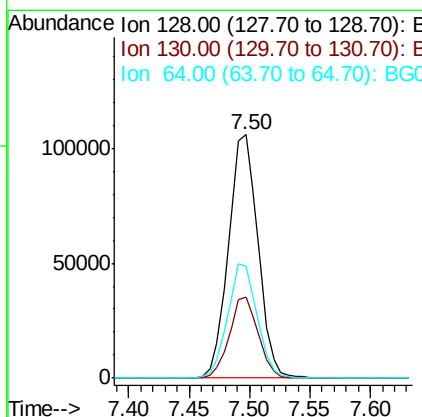
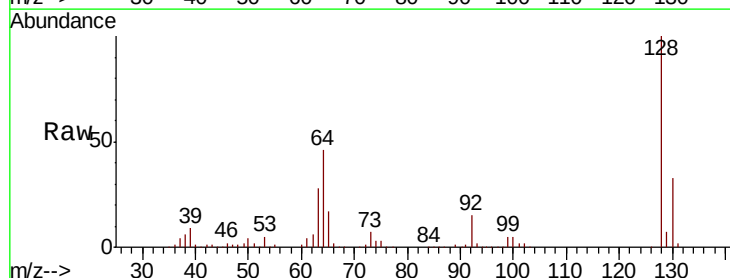
RT: 7.50 min Scan# 750

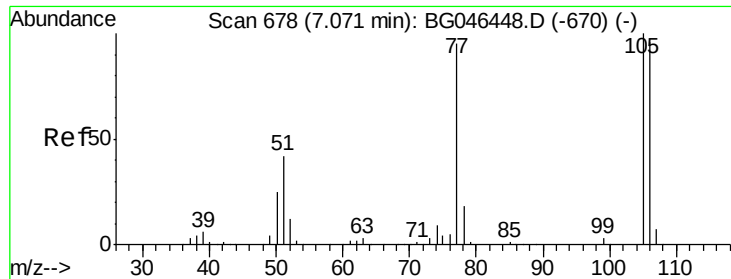
Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	128	Resp:	181034
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.4	52.4
64	46.0	28.1	68.1





#9

Benzaldehyde

Concen: 28.219 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

Tot Ion: 77 Resp: 77910

Ion Ratio Lower Upper

77 100

105 105.5 85.6 125.6

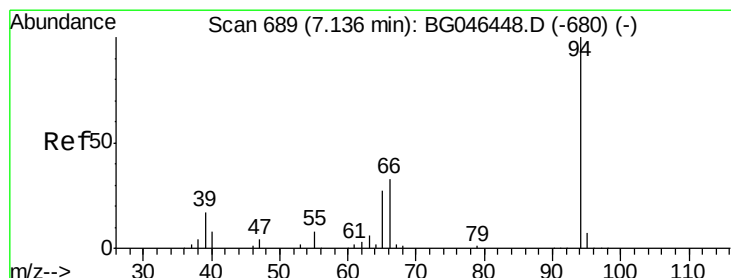
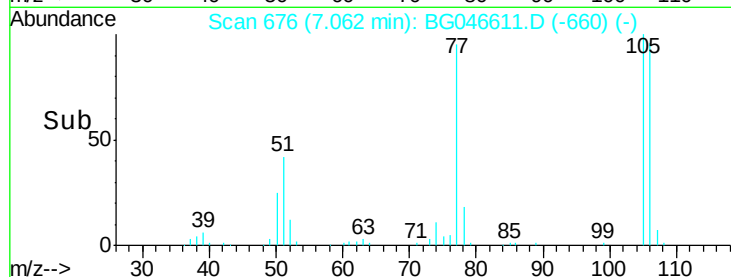
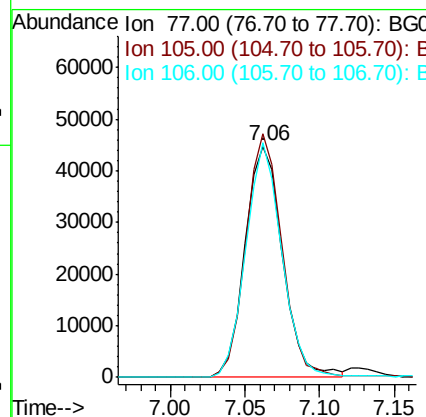
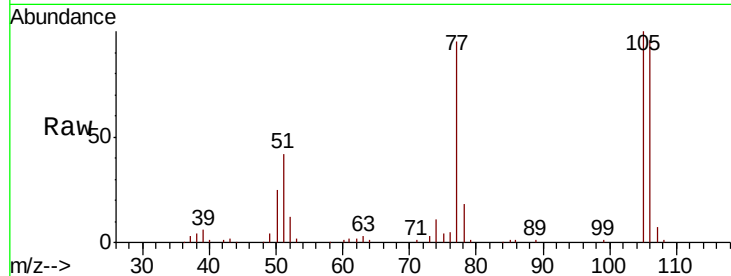
106 101.4 80.8 120.8

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#10

Phenol

Concen: 50.894 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

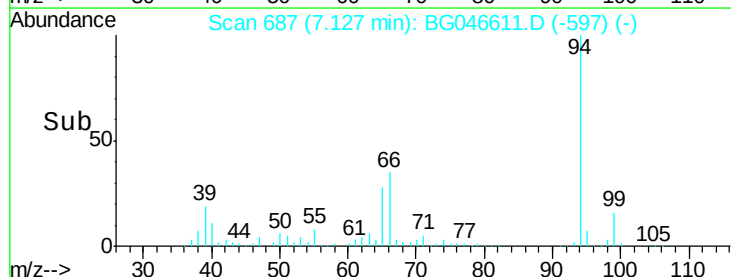
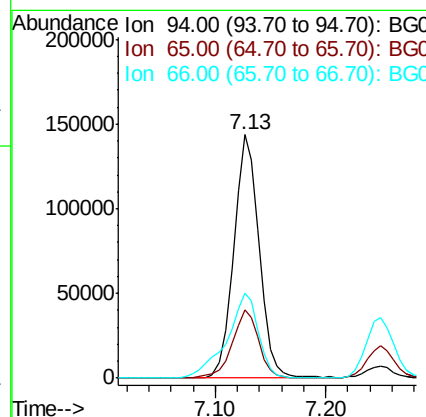
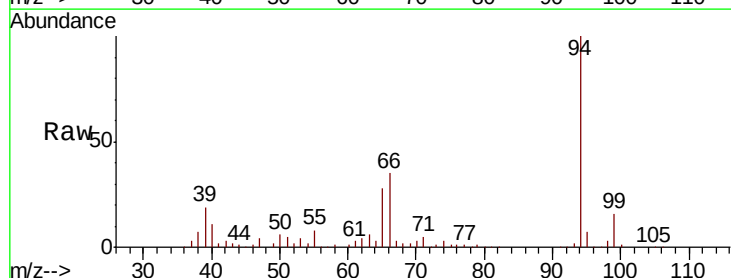
Tgt Ion: 94 Resp: 230997

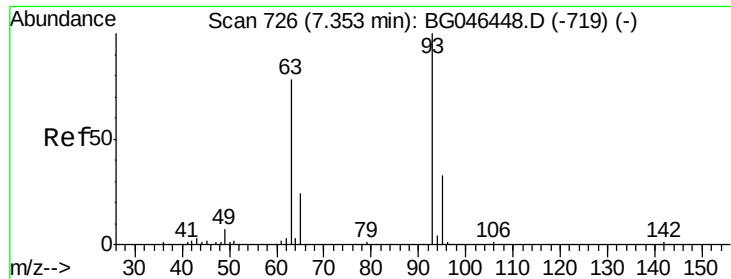
Ion Ratio Lower Upper

94 100

65 28.0 7.5 47.5

66 35.1 14.1 54.1





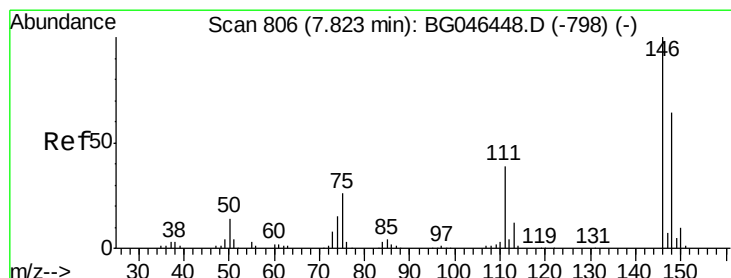
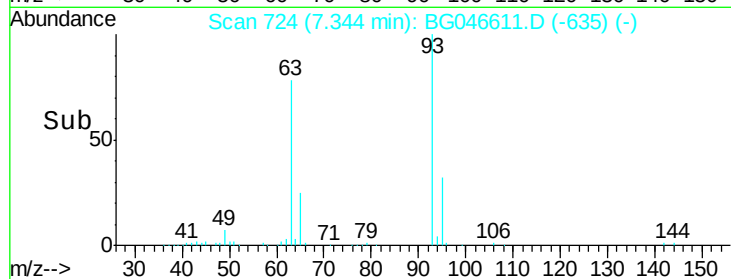
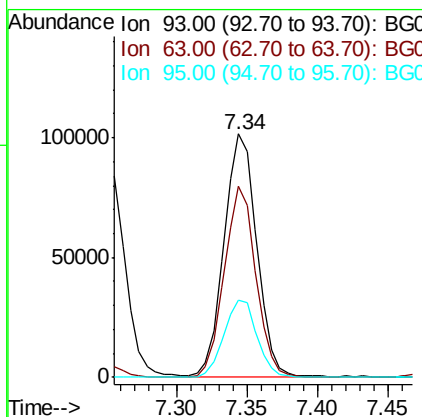
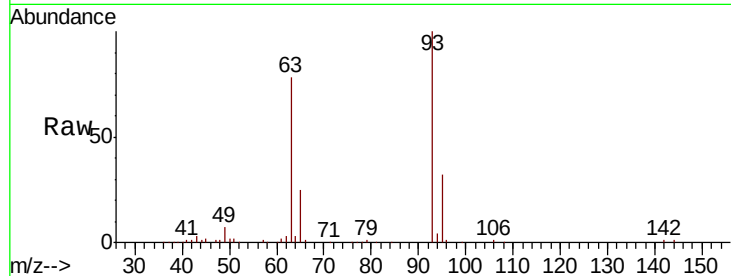
#11
bis(2-Chloroethyl)ether
Concen: 44.508 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	57.7	97.7
95	31.6	12.3	52.3

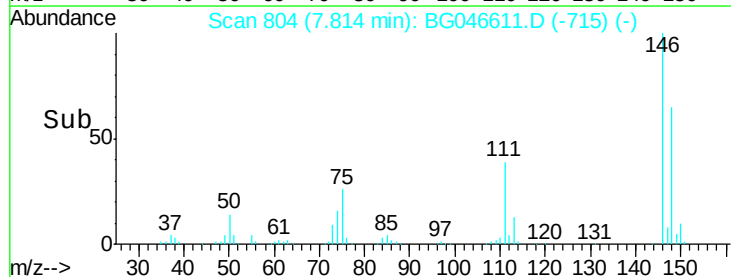
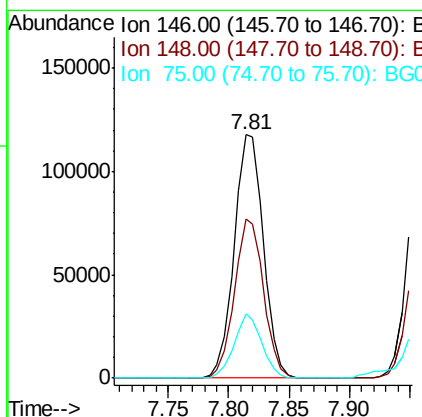
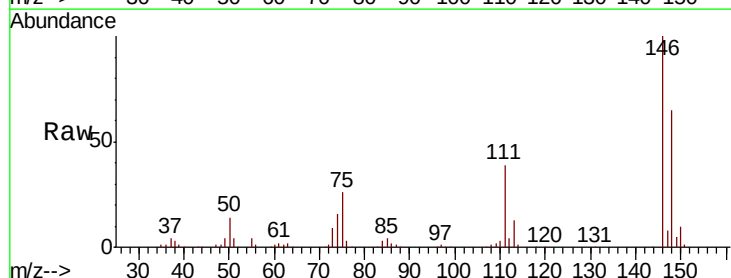
Manual Integrations
APPROVED

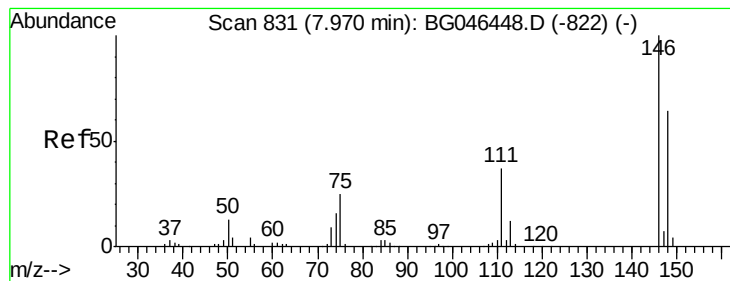
mohammad
9/15/2020 11:18:24 AM



#12
1,3-Dichlorobenzene
Concen: 42.561 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.0
75	26.3	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 42.734 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

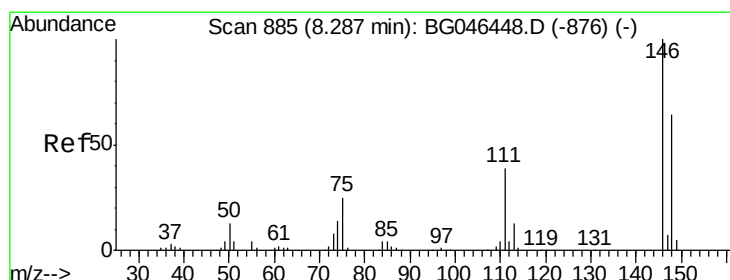
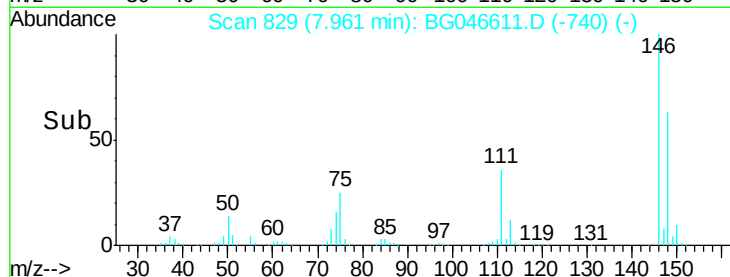
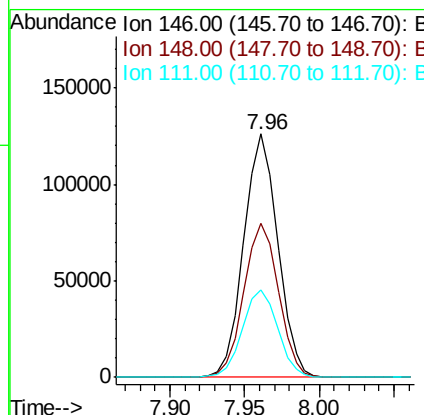
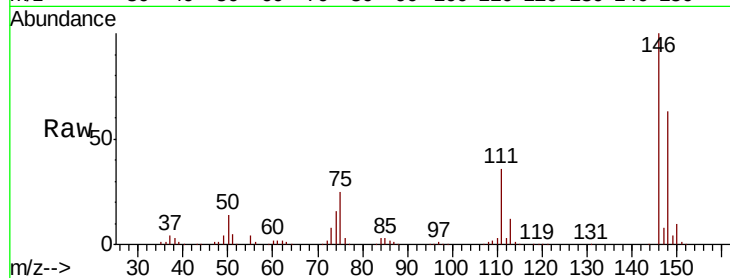
ClientSampleId :

B20-7-9MSD

Tot Ion:	146	Resp:	199562
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.9	76.3
111	35.9	29.8	44.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.652 ng

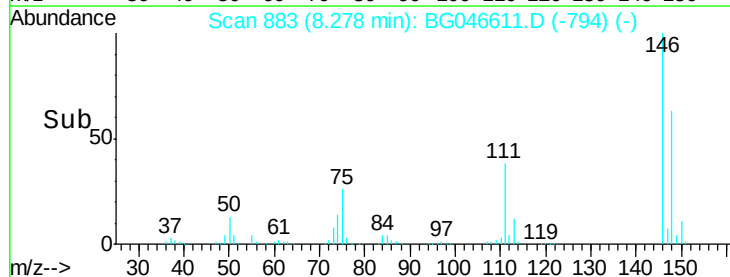
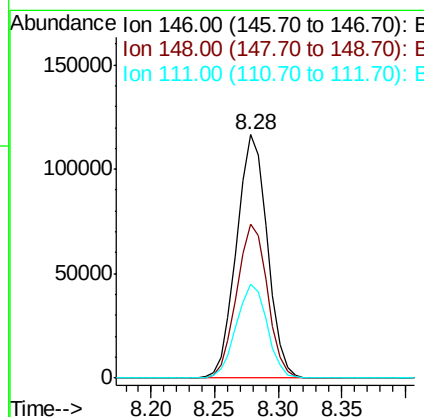
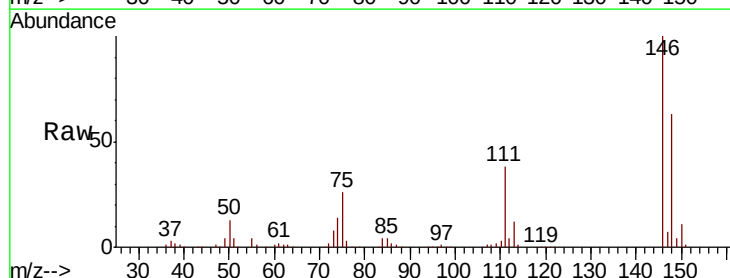
RT: 8.28 min Scan# 883

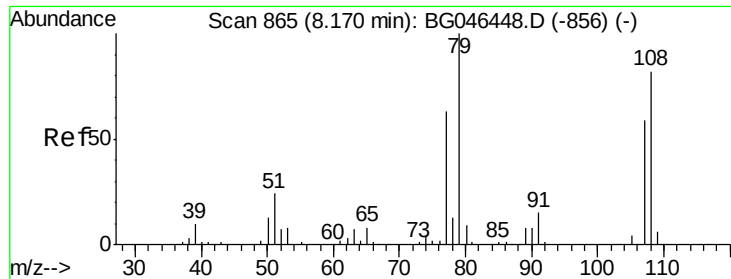
Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	146	Resp:	195463
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.4	77.0
111	38.4	31.4	47.2





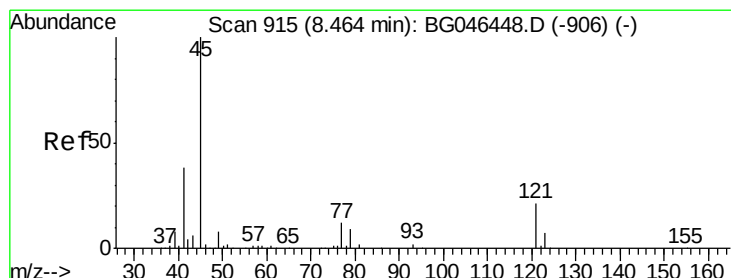
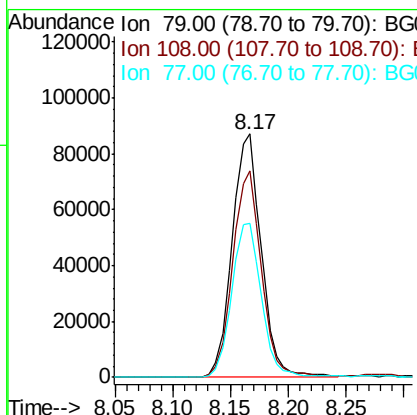
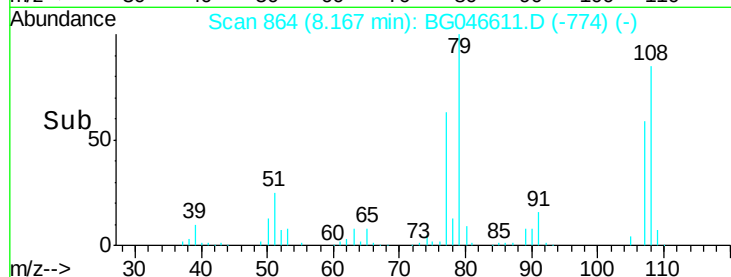
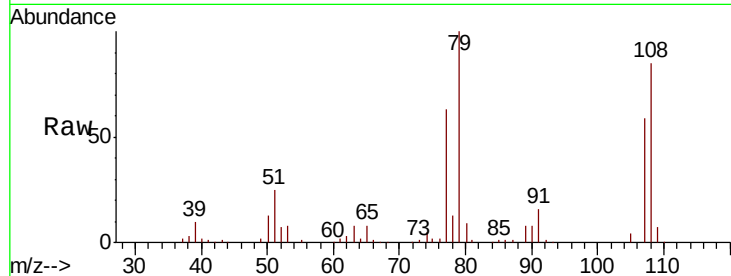
#15
Benzyl Alcohol
Concen: 48.244 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampled :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	152633		
108	84.6	65.7	98.5	
77	63.3	50.3	75.5	

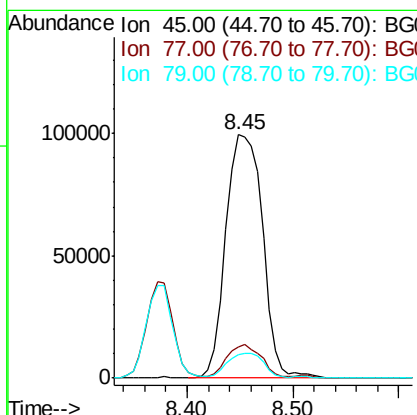
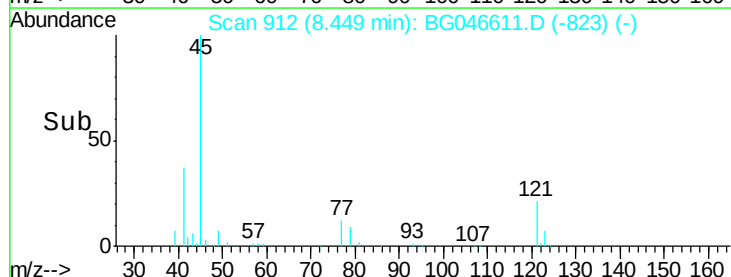
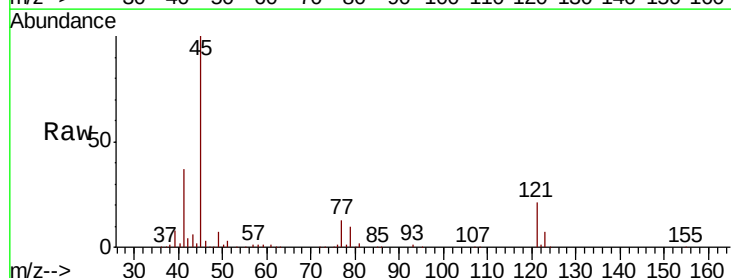
Manual Integrations
APPROVED

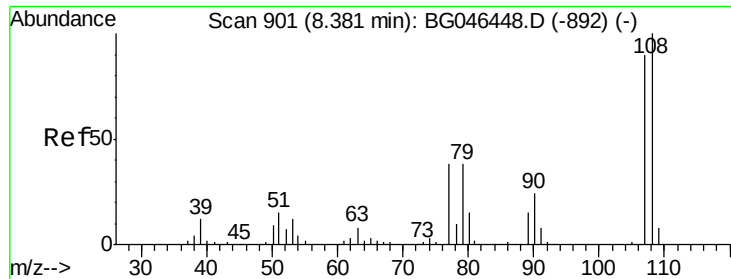
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.451 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	240230		
77	12.6	0.0	33.2	
79	9.7	0.0	30.3	





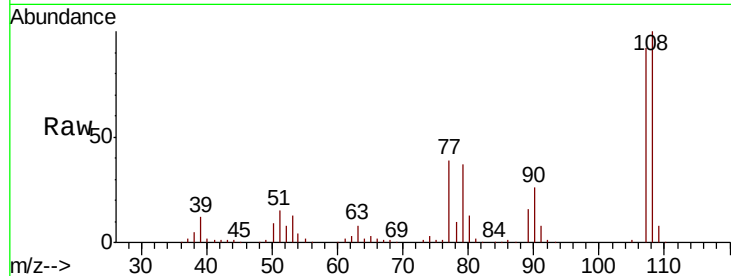
#17
2-Methylphenol
Concen: 50.183 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	89.4	134.0	
77	42.5	34.5	51.7	
79	40.7	33.8	50.6	

Manual Integrations
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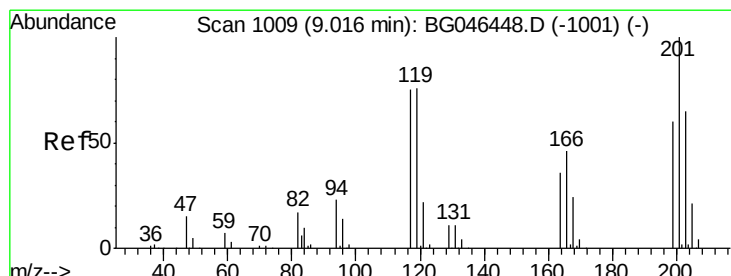
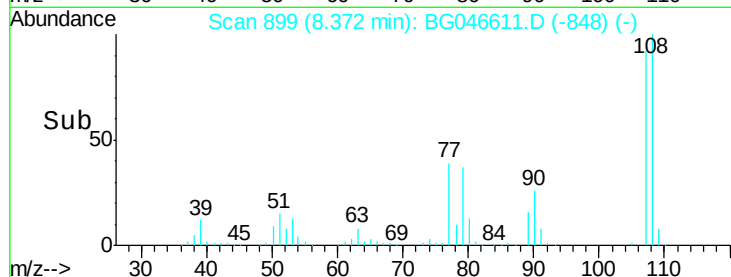
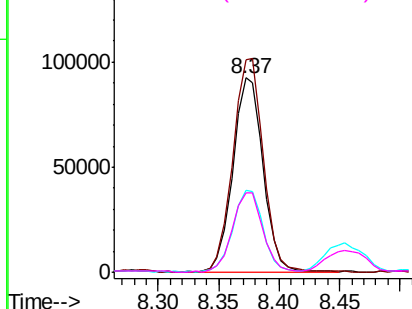
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

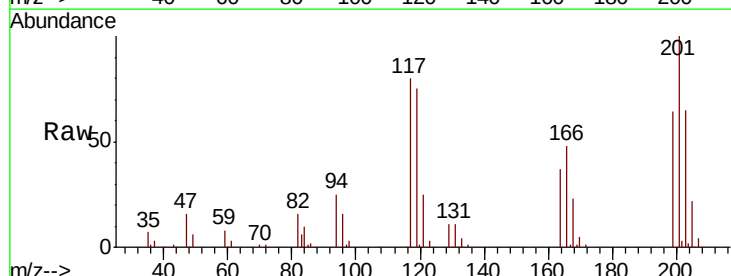
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.726 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	80.8	121.2	
201	124.4	106.7	160.1	

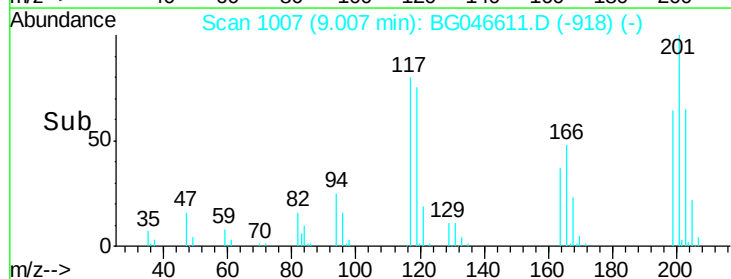
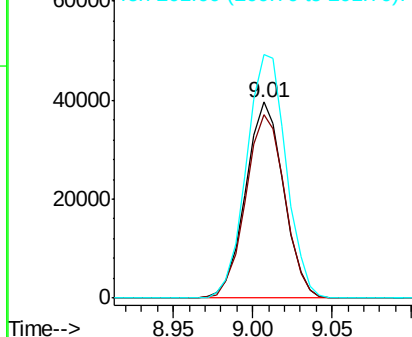


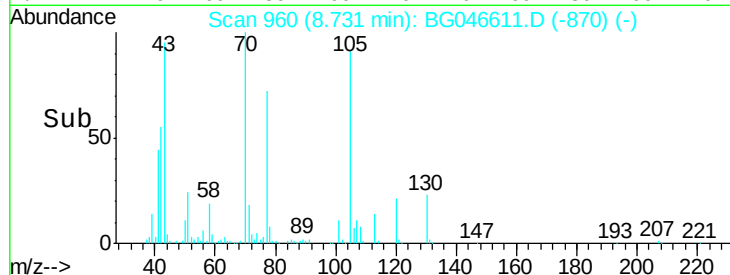
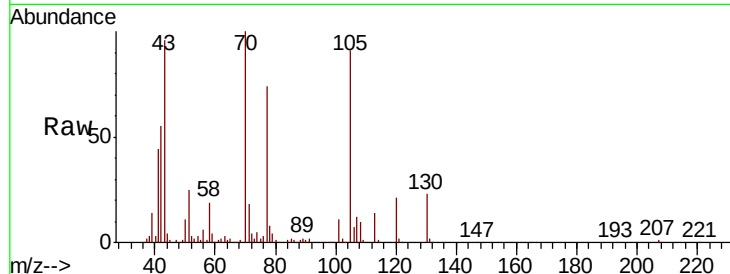
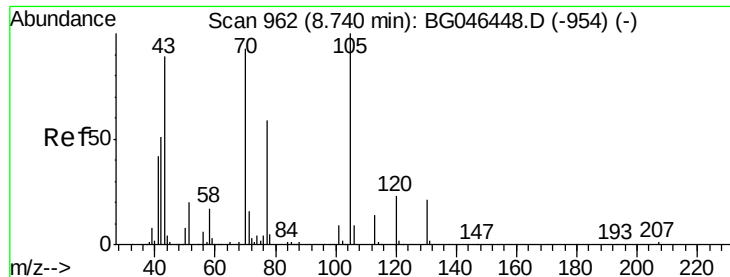
Abundance

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





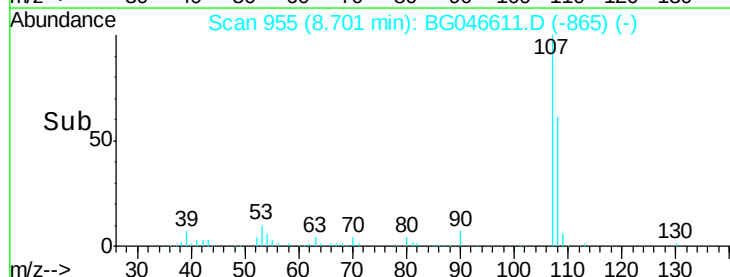
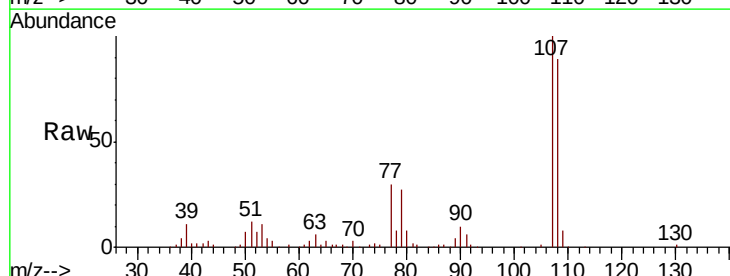
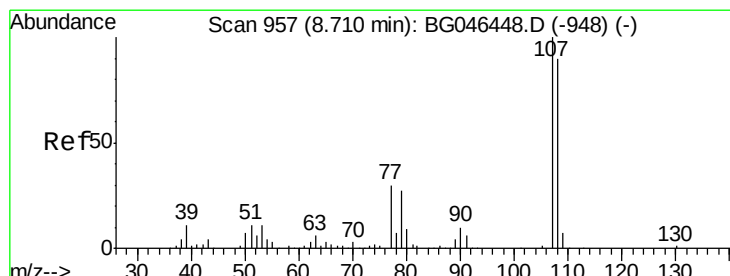
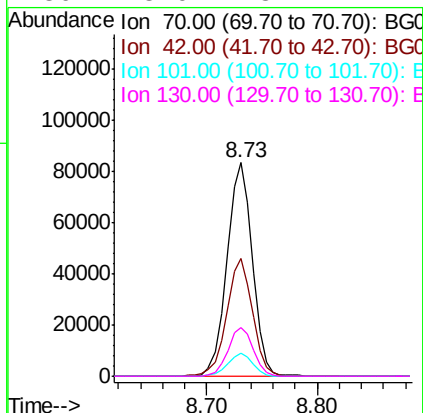
#19
n-Nitroso-di-n-propylamine
Concen: 45.575 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	44.2	66.2	
101	10.8	7.8	11.8	
130	23.0	18.2	27.4	

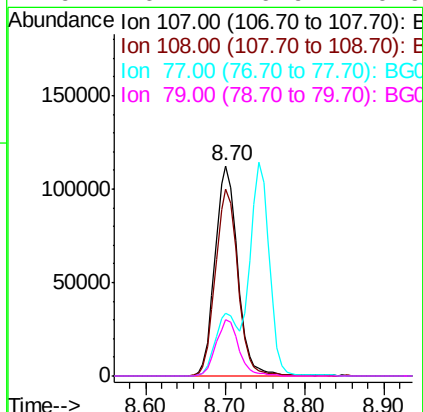
Manual Integrations
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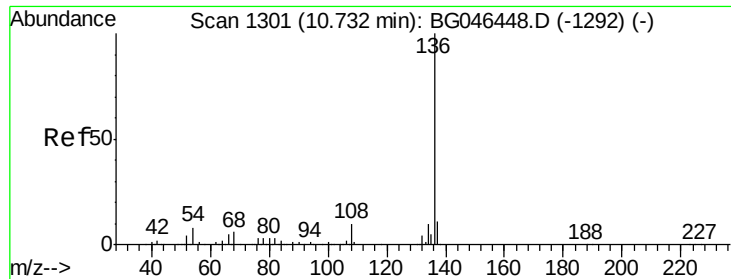
mohammad
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#20
3+4-Methylphenols
Concen: 50.138 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	69.7	109.7	
77	29.9	9.7	49.7	
79	26.7	6.9	46.9	





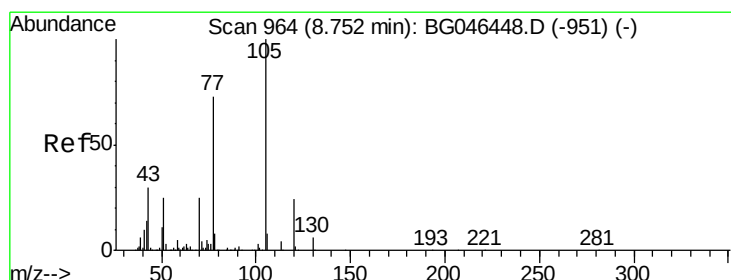
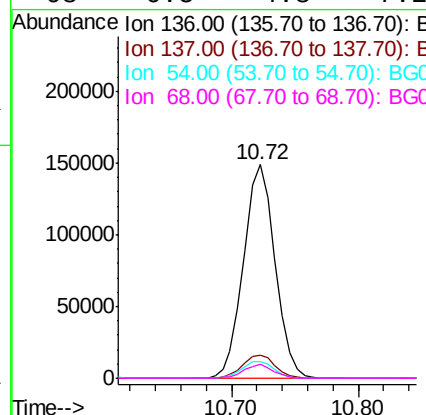
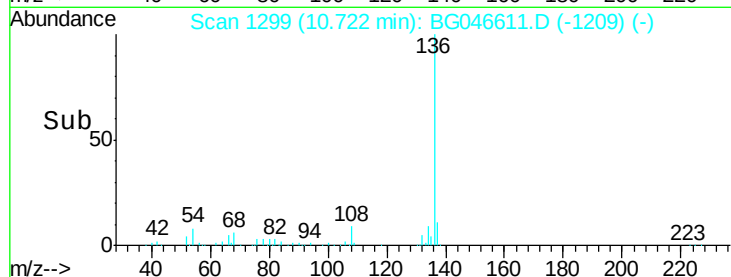
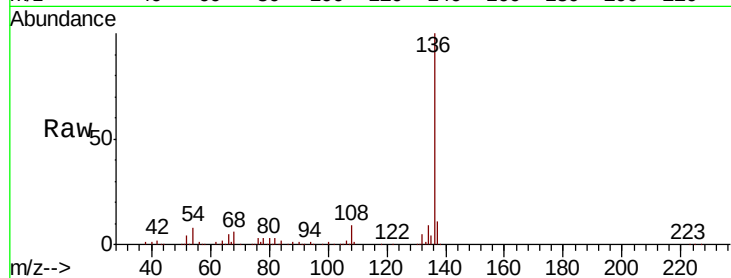
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	257131		
137	11.0		8.8	13.2
54	7.9		6.1	9.1
68	6.5		4.8	7.2

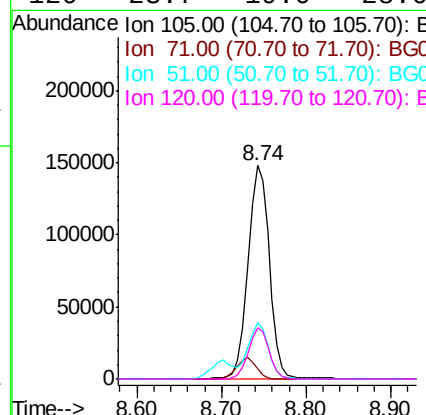
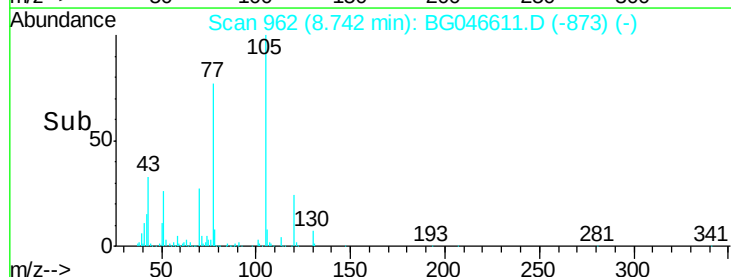
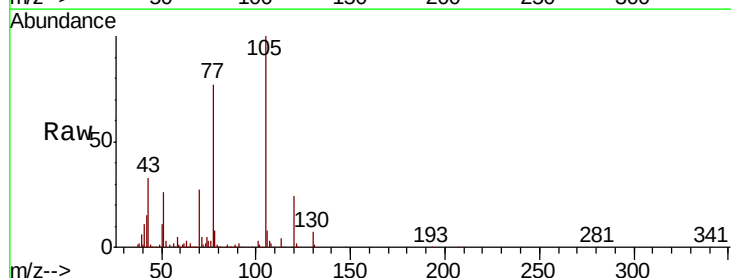
Manual Integrations
APPROVED

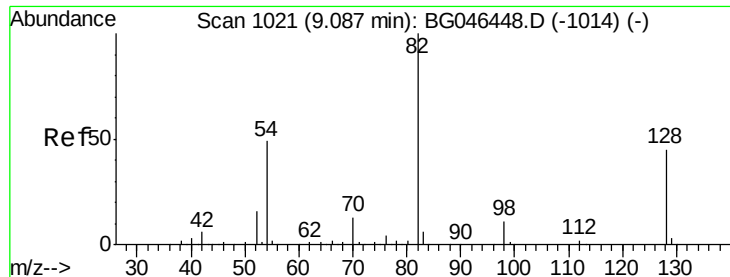
mohammad
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#22
Acetophenone
Concen: 41.569 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260184		
71	4.6		3.3	4.9
51	26.4		20.6	31.0
120	23.7		19.0	28.6





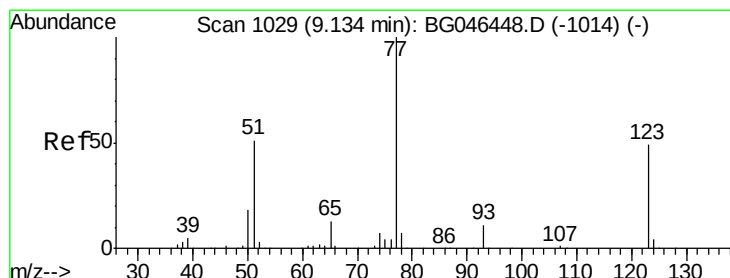
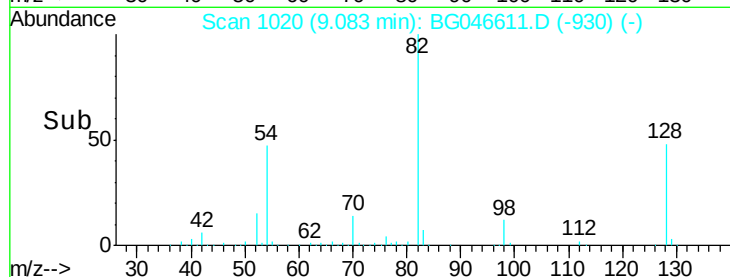
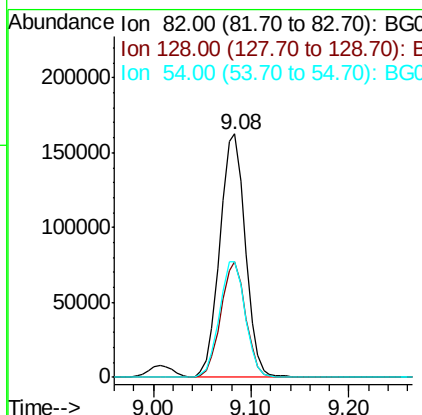
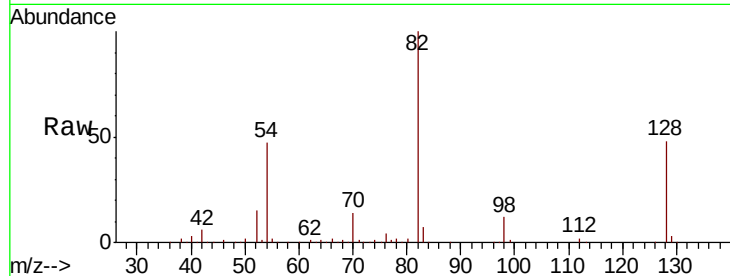
#23
Nitrobenzene-d5
Concen: 65.564 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.7	53.5
54	47.3	39.4	59.0

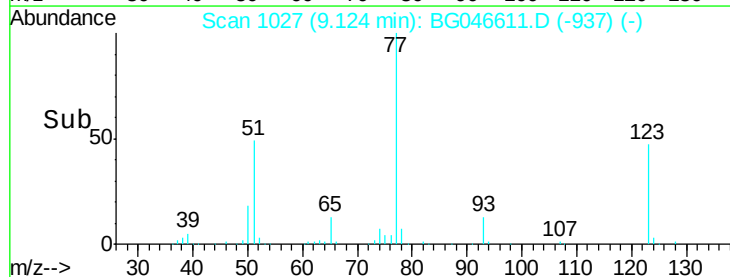
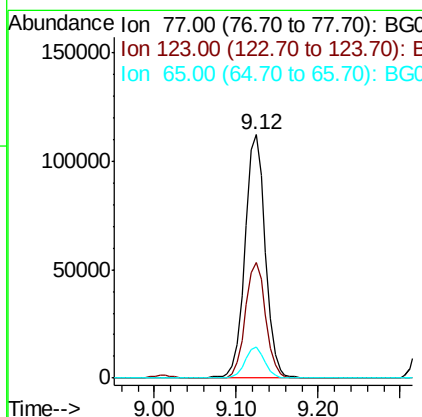
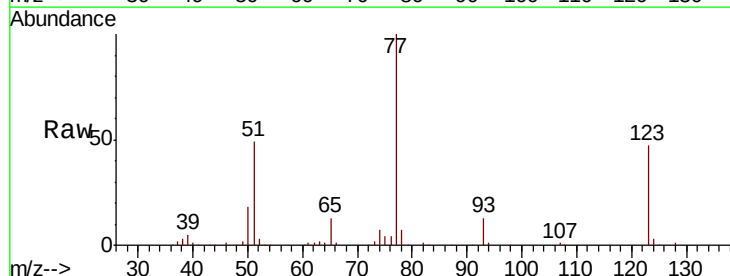
Manual Integrations
APPROVED

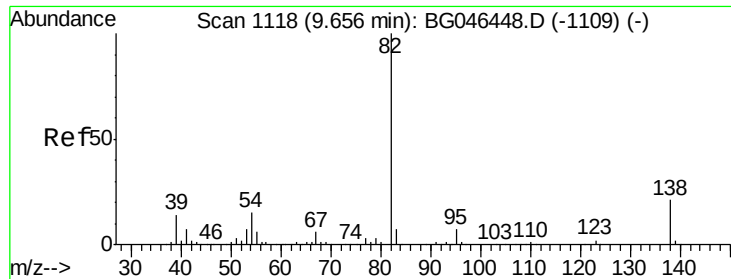
mohammad
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#24
Nitrobenzene
Concen: 43.758 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	39.6	59.4
65	12.5	10.1	15.1





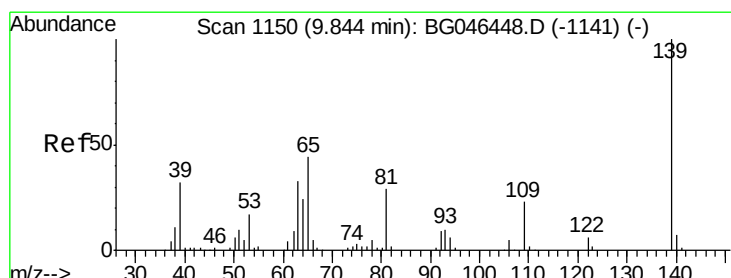
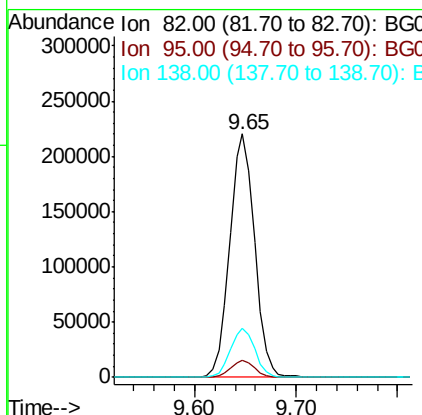
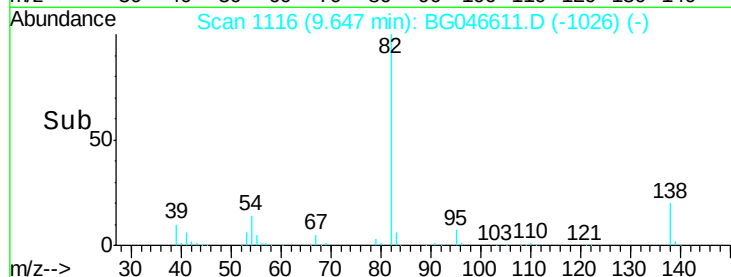
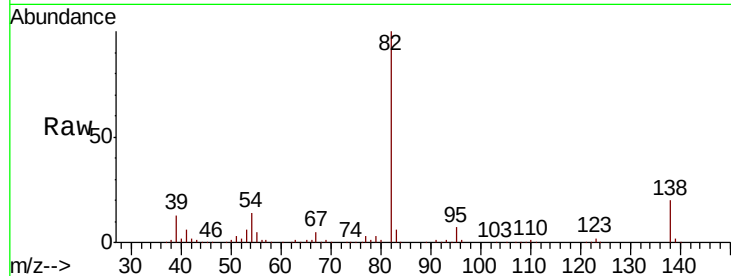
#25
Isophorone
Concen: 45.401 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	374468		
95	6.9		5.8	8.6
138	19.9		16.4	24.6

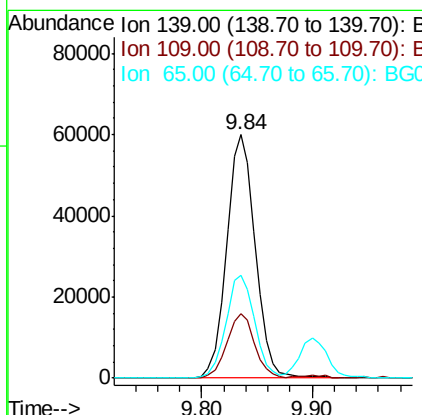
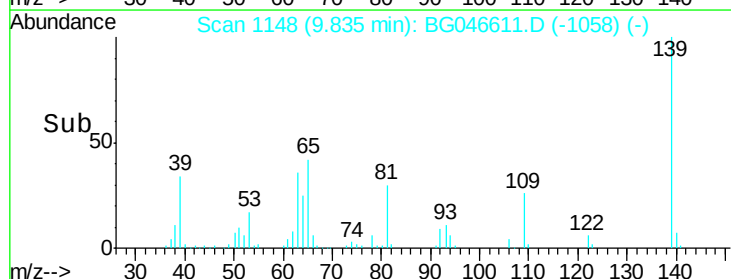
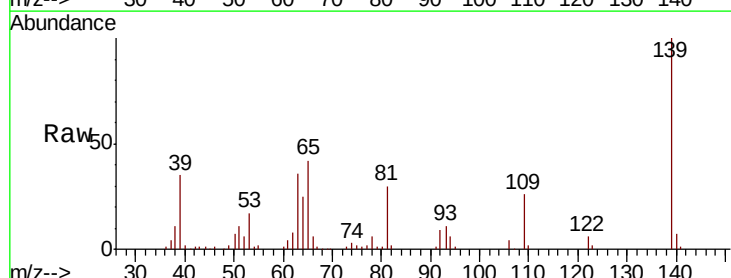
Manual Integrations
APPROVED

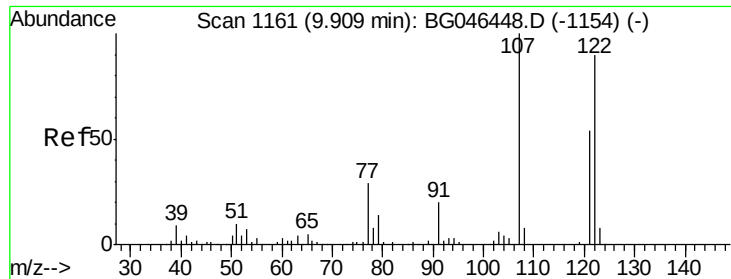
mohammad
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#26
2-Nitrophenol
Concen: 46.181 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108294		
109	26.2		18.8	28.2
65	42.1		35.0	52.6





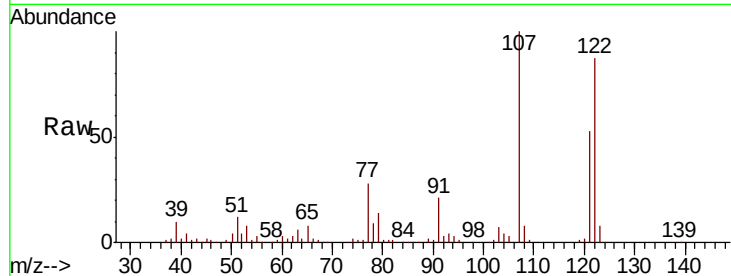
#27
2,4-Dimethylphenol
Concen: 55.788 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		179931		
107	115.2	88.2	132.2		
121	61.3	47.4	71.0		

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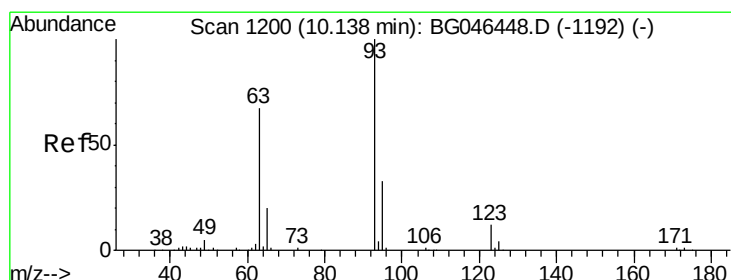
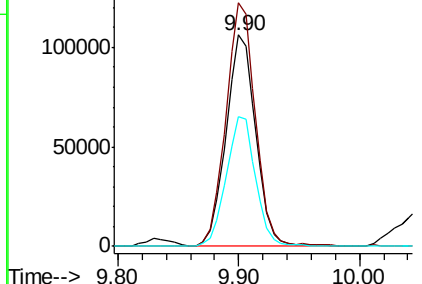
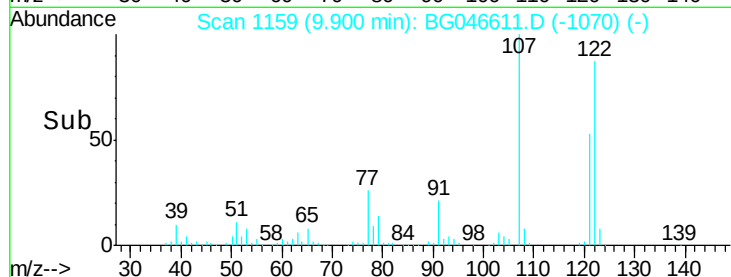


Abundance

Ion 122.00 (121.70 to 122.70): E

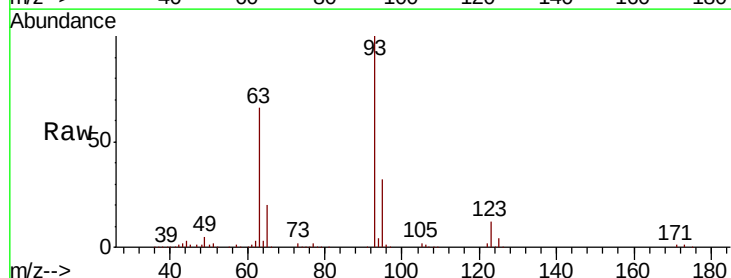
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.778 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		227099		
95	32.3	26.1	39.1		
123	12.3	9.5	14.3		

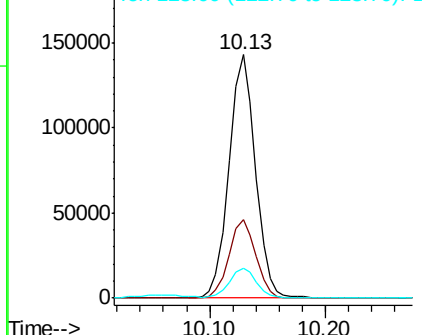
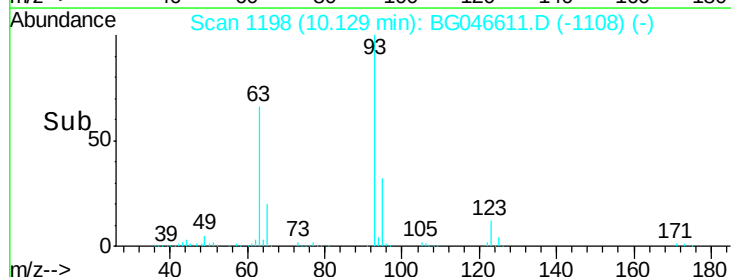


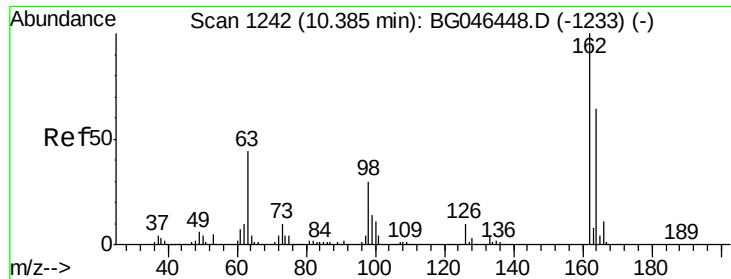
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





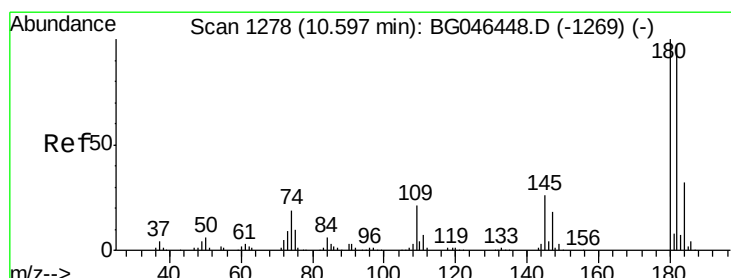
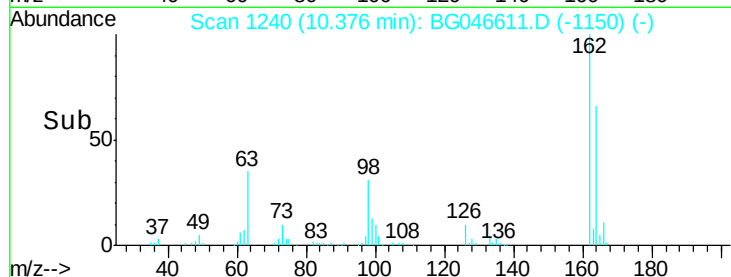
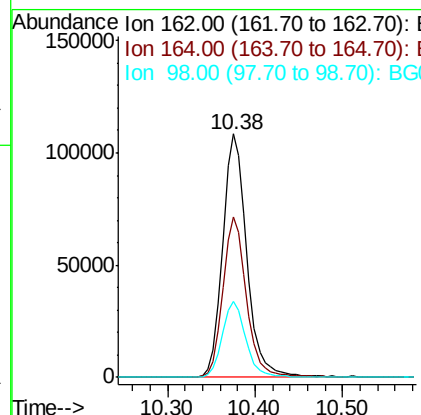
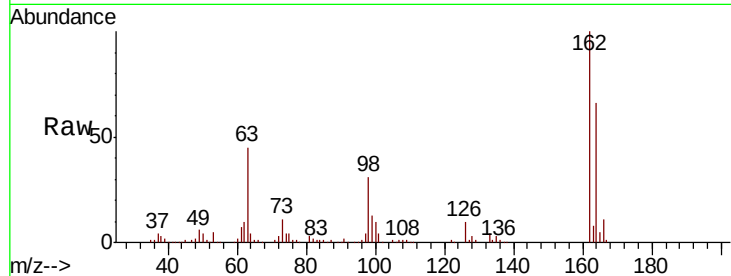
#29
 2,4-Dichlorophenol
 Concen: 48.191 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampled :
 B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	207201		
164	66.2	44.3	84.3	
98	30.9	10.0	50.0	

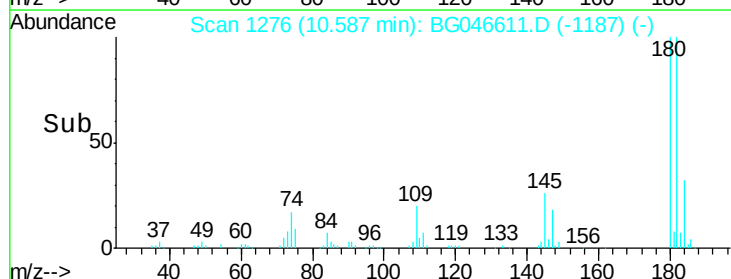
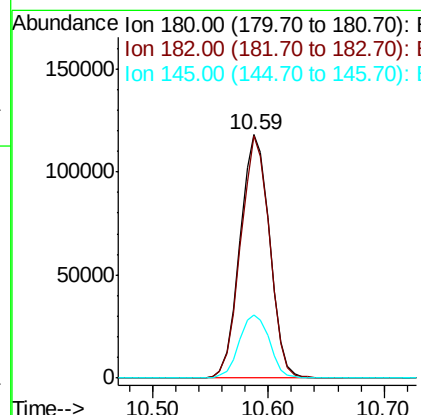
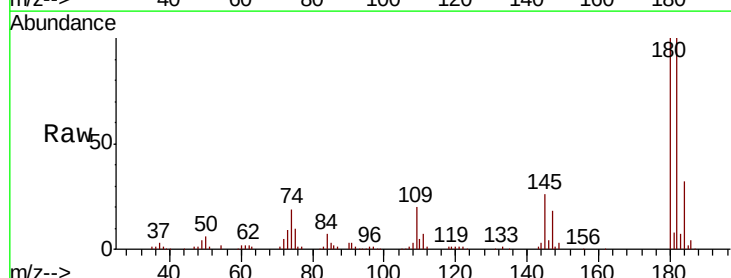
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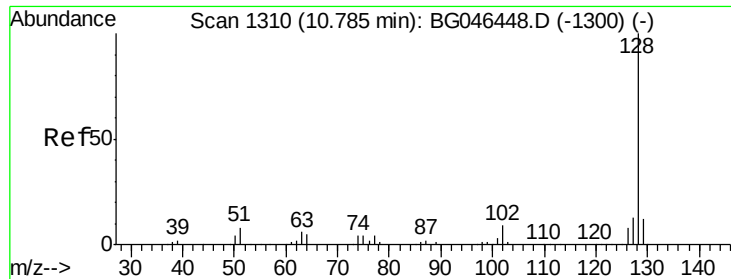
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.029 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209308		
182	99.8	77.8	116.8	
145	26.1	20.9	31.3	





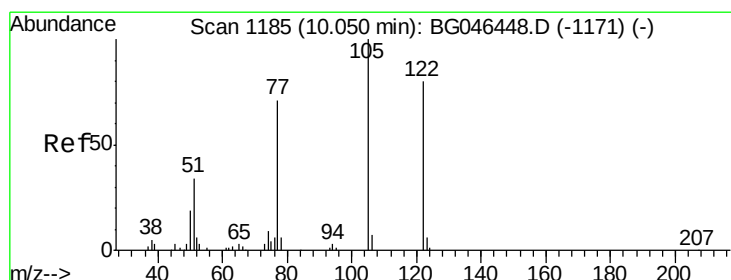
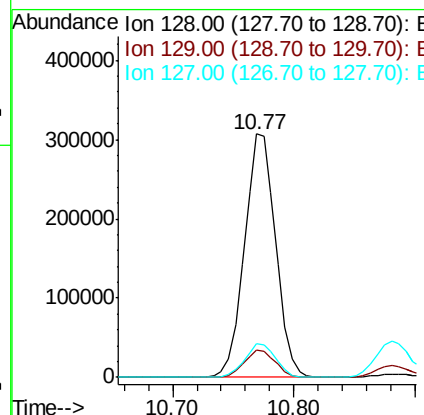
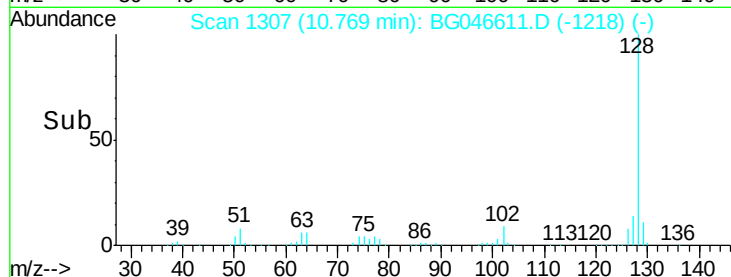
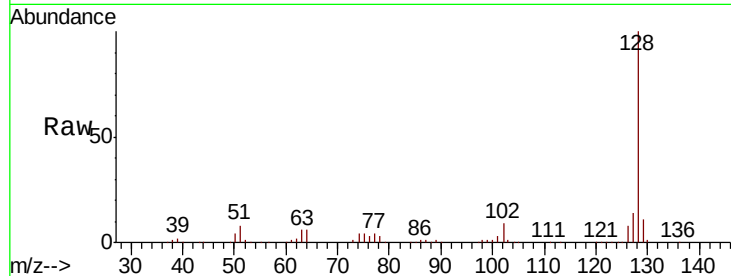
#31
Naphthalene
Concen: 43.817 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	550111		
129	11.3	9.2	13.8	
127	13.7	10.7	16.1	

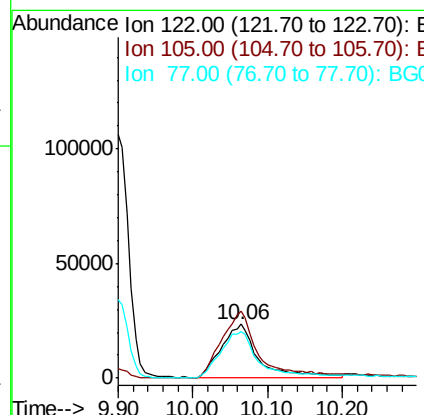
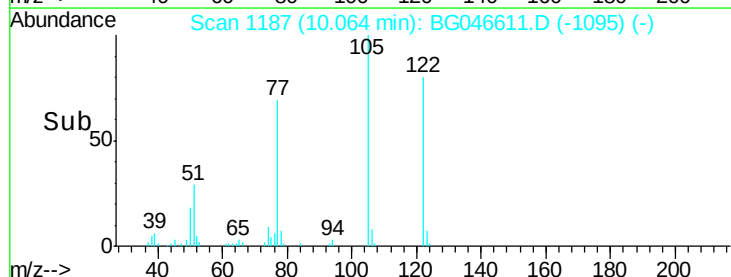
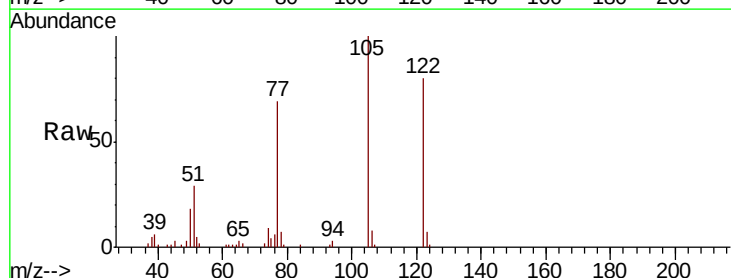
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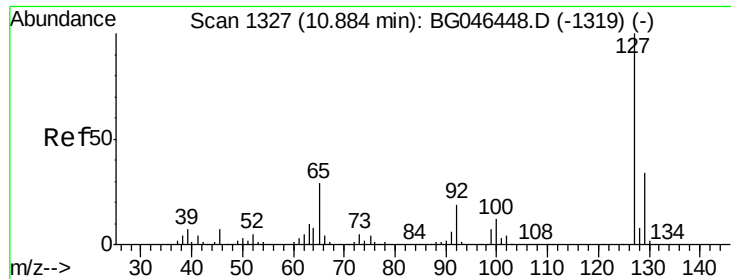
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#32
Benzoic acid
Concen: 36.426 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79147		
105	124.8	102.5	142.5	
77	86.7	68.2	108.2	





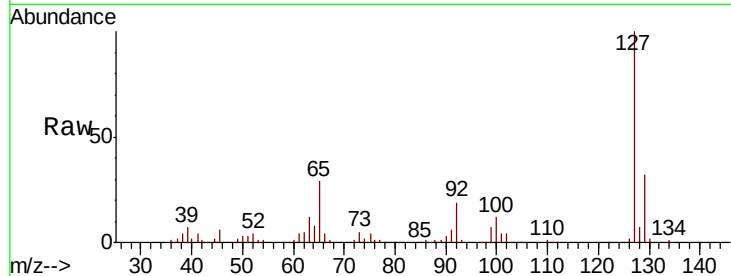
#33
4-Chloroaniline
Concen: 17.547 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

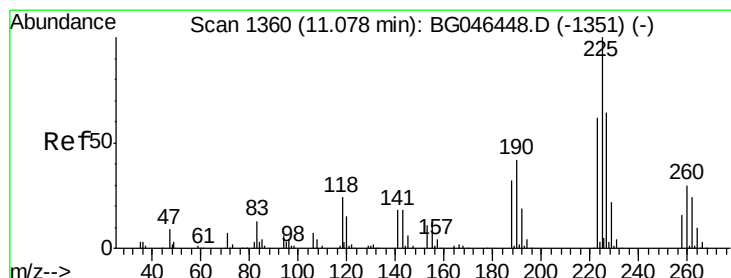
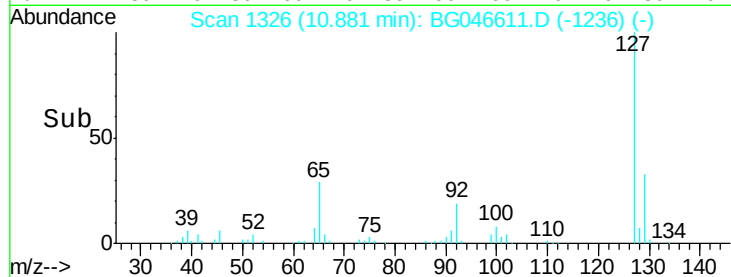
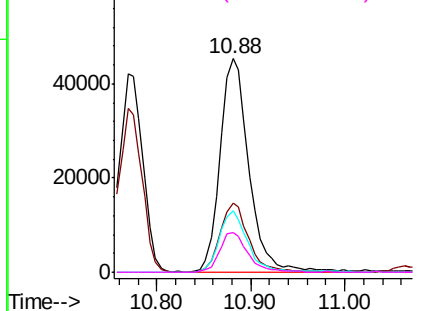
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		97140		
129	32.4	27.0	40.4		
65	29.0	23.5	35.3		
92	18.9	14.9	22.3		

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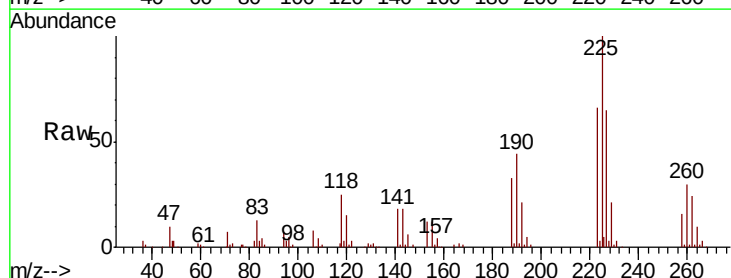


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

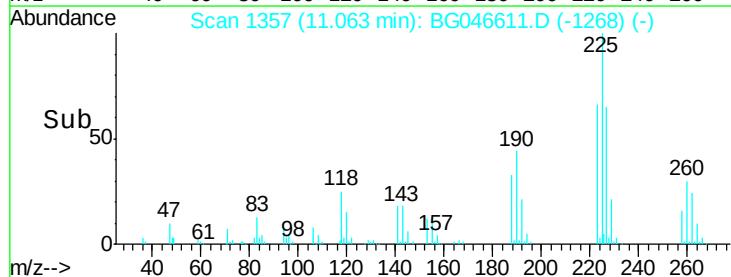
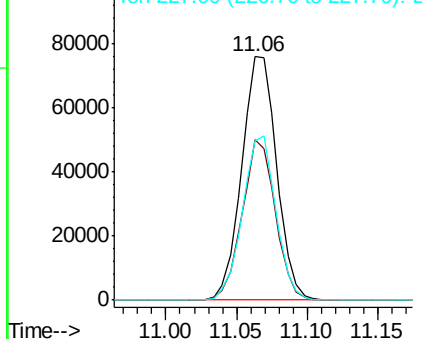


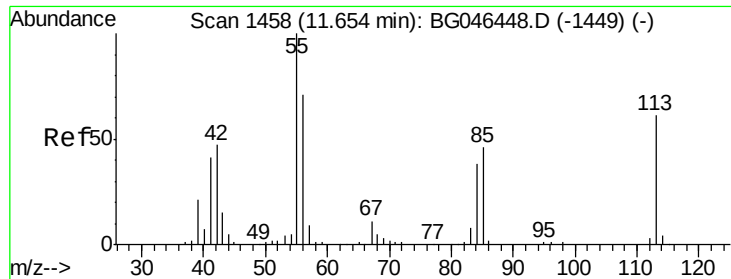
#34
Hexachlorobutadiene
Concen: 39.749 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		131633		
223	65.6	49.9	74.9		
227	65.2	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





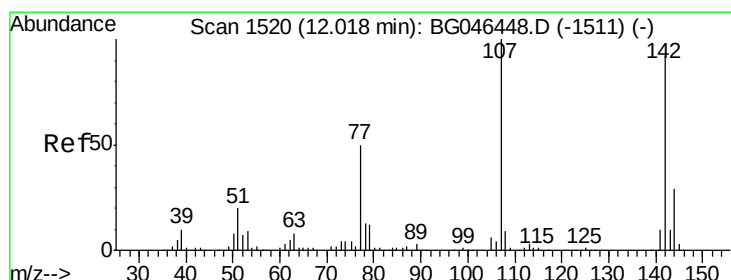
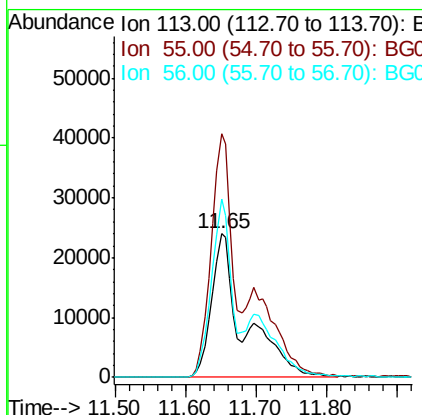
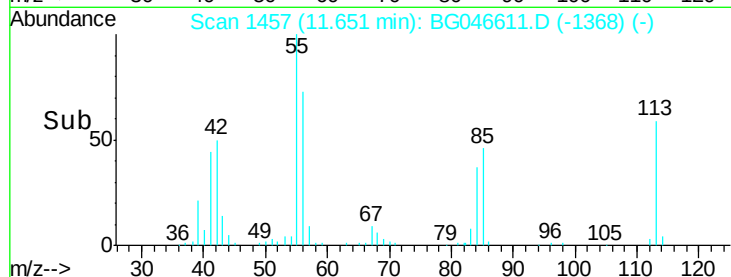
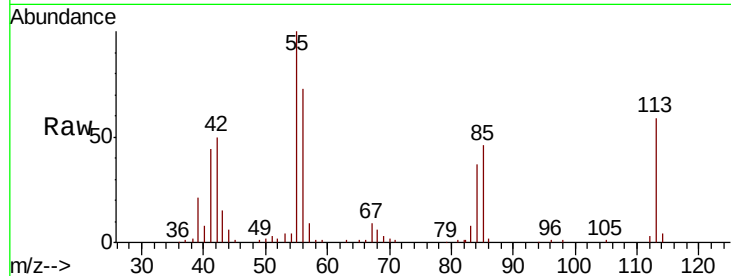
#35
 Caprolactam
 Concen: 47.506 ng/ml
 RT: 11.65 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampled :
 B20-7-9MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	169.7	144.2	184.2	
56	124.0	97.0	137.0	

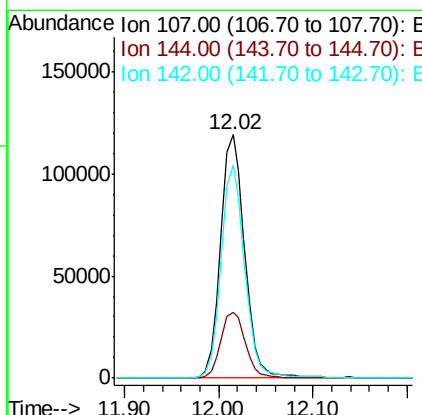
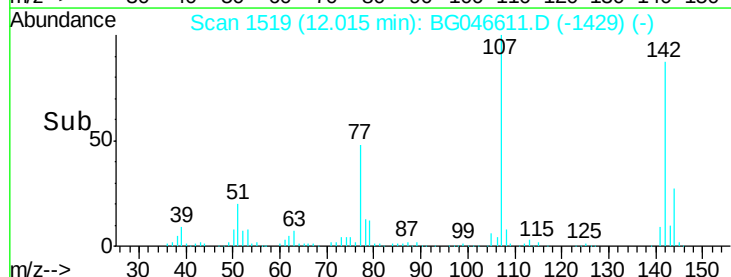
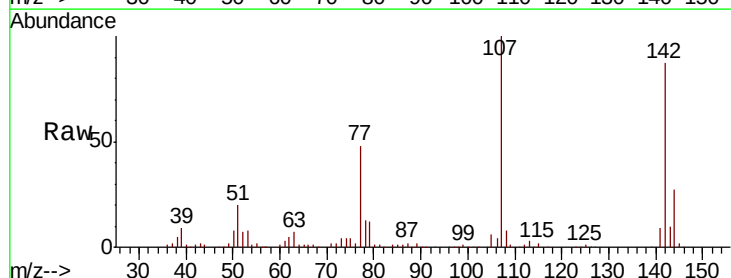
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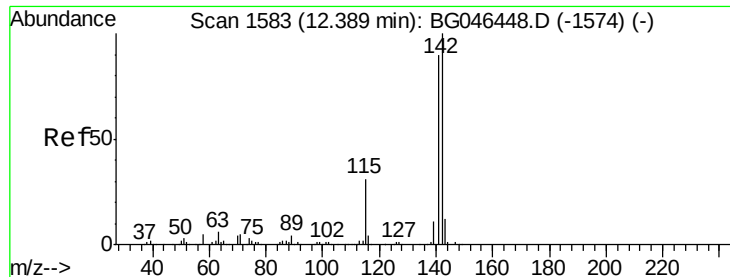
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#36
 4-Chloro-3-methylphenol
 Concen: 50.720 ng/ml
 RT: 12.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.2	23.3	34.9	
142	87.5	73.7	110.5	





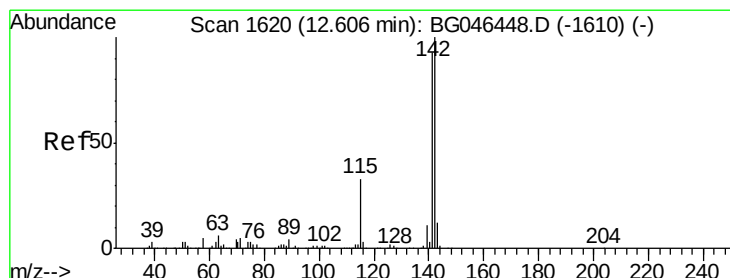
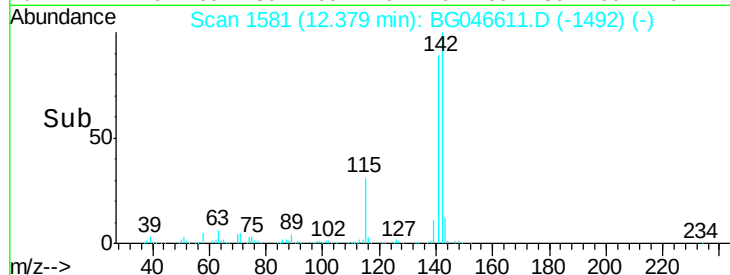
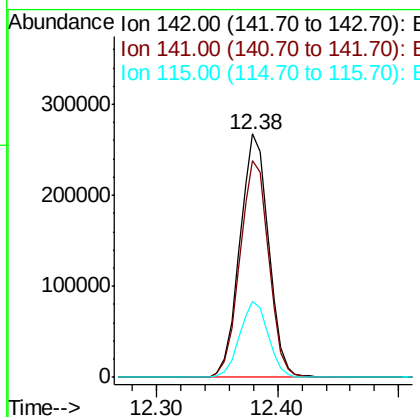
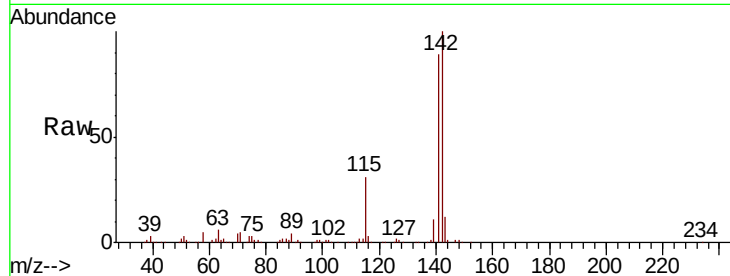
#37
2-Methylnaphthalene
Concen: 44.856 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	31.0	24.9	37.3

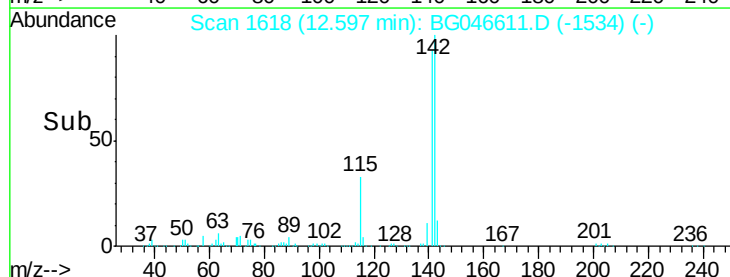
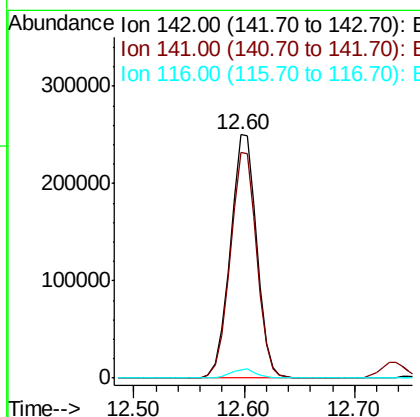
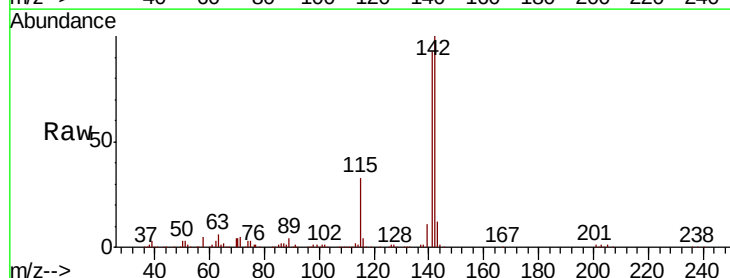
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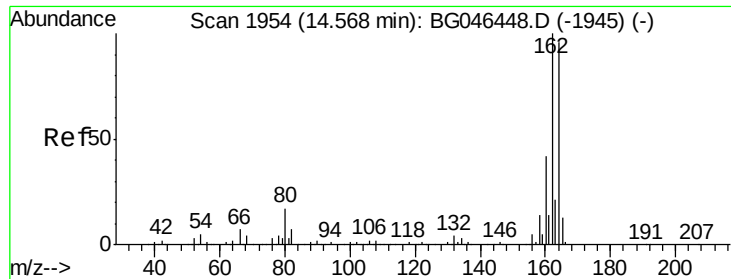
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#38
1-Methylnaphthalene
Concen: 44.685 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

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





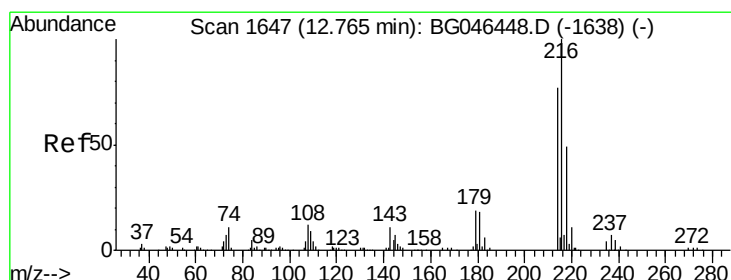
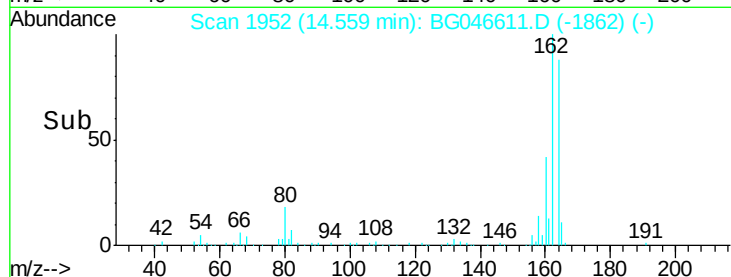
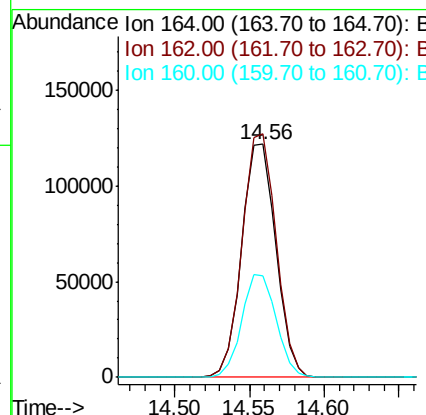
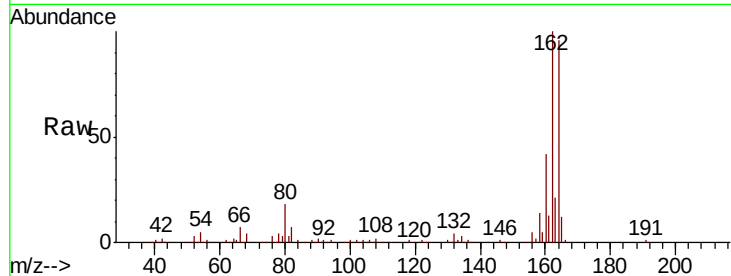
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	194061		
162	104.5	83.3	124.9	
160	43.7	35.0	52.6	

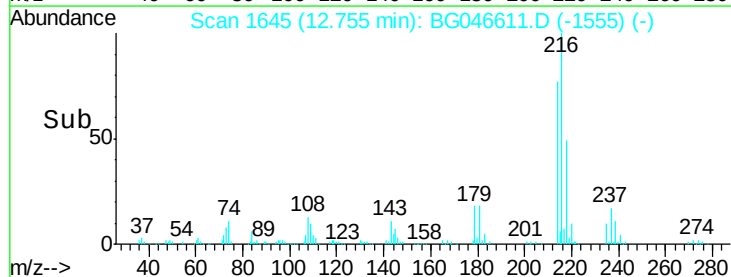
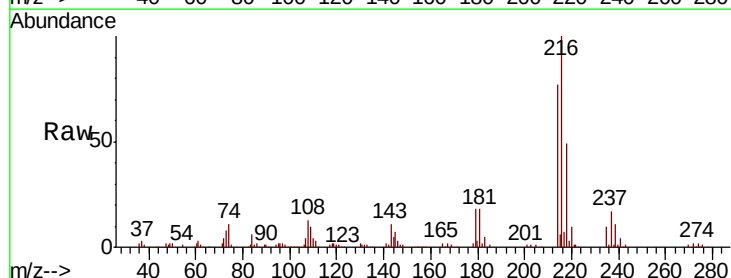
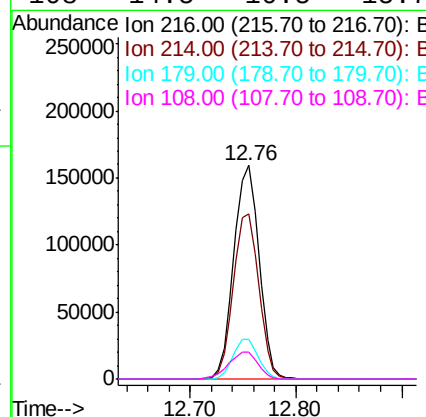
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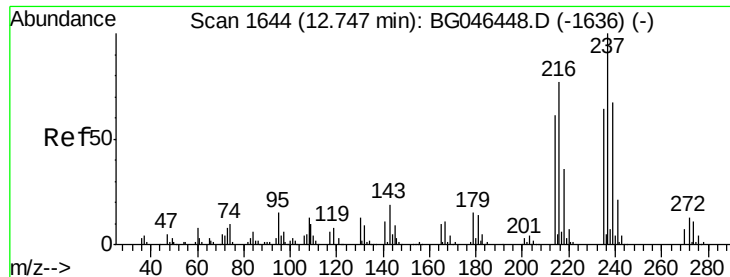
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.141 ng
RT: 12.76 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	263277		
214	77.7	62.1	93.1	
179	18.5	14.9	22.3	
108	14.5	10.5	15.7	





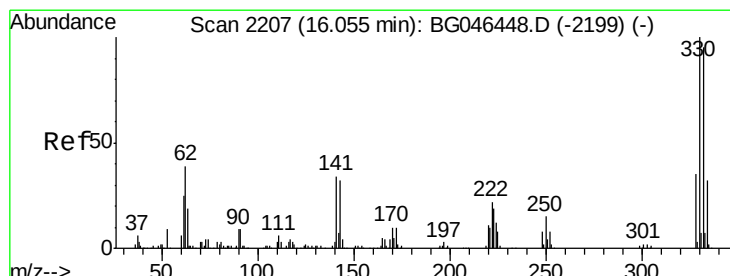
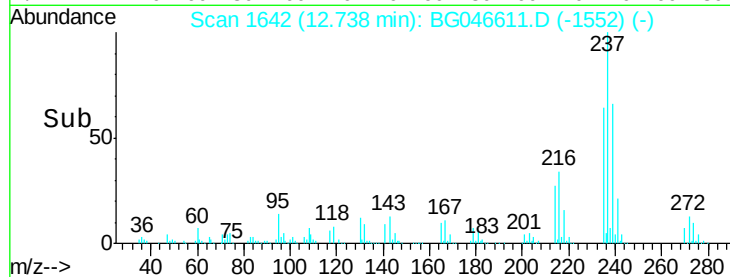
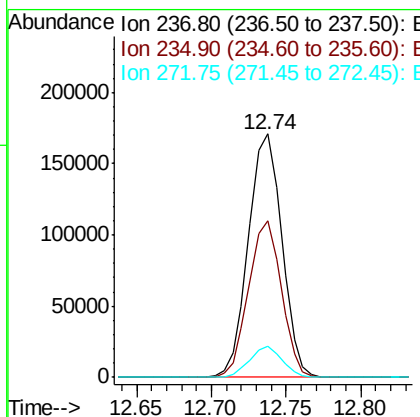
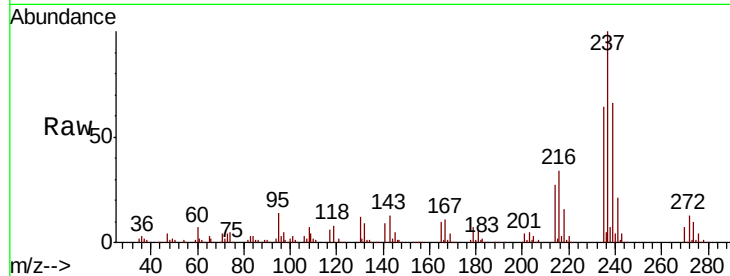
#41
Hexachlorocyclopentadiene
Concen: 95.124 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion:	237	Resp:	264694
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.5	84.5
272	12.7	0.0	32.8

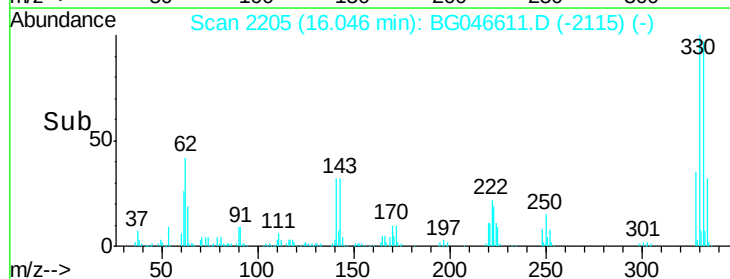
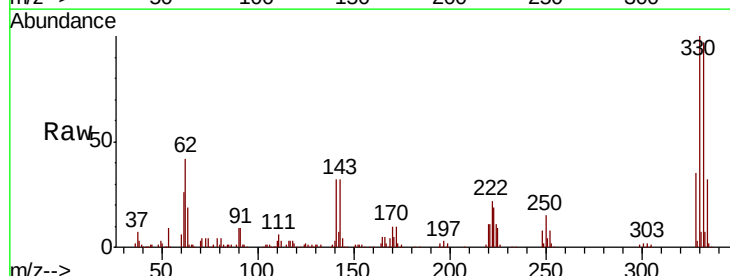
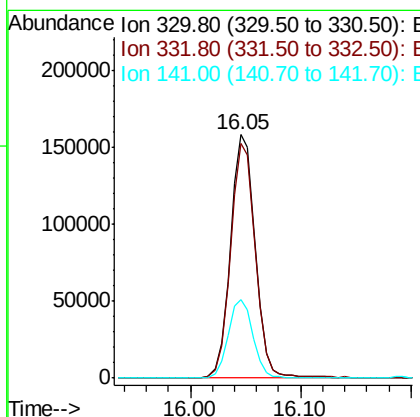
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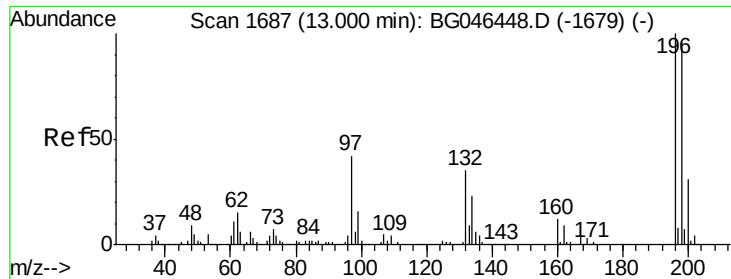
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#42
2,4,6-Tribromophenol
Concen: 94.759 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:	330	Resp:	249158
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.1	114.1
141	32.5	26.1	39.1





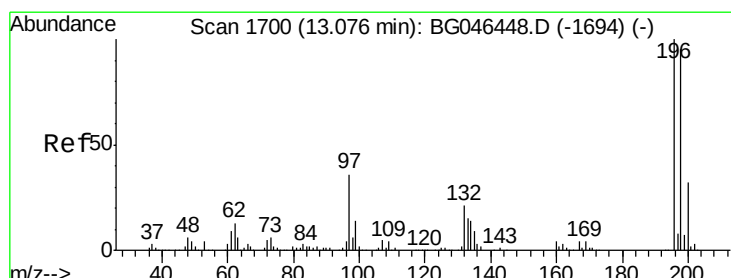
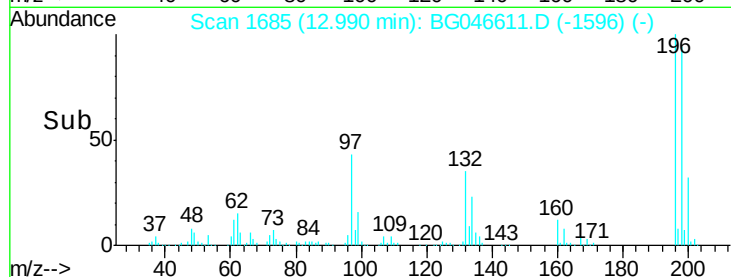
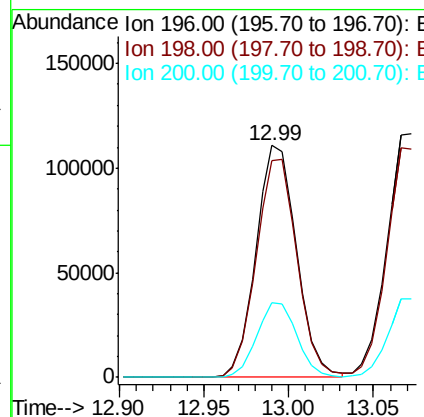
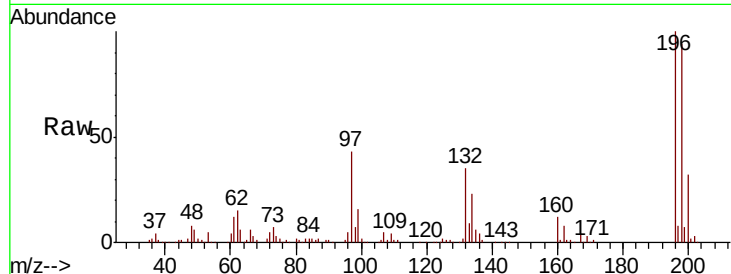
#43
 2,4,6-Trichlorophenol
 Concen: 42.809 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184870		
198	93.6	77.0	115.6	
200	32.0	25.2	37.8	

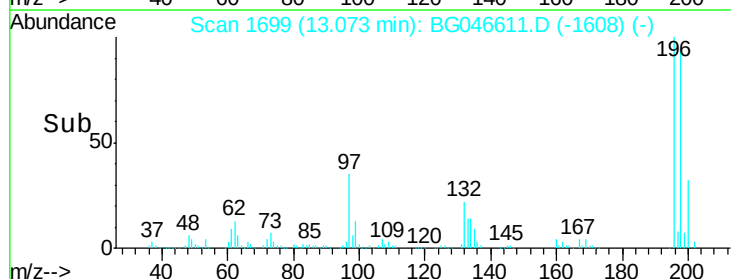
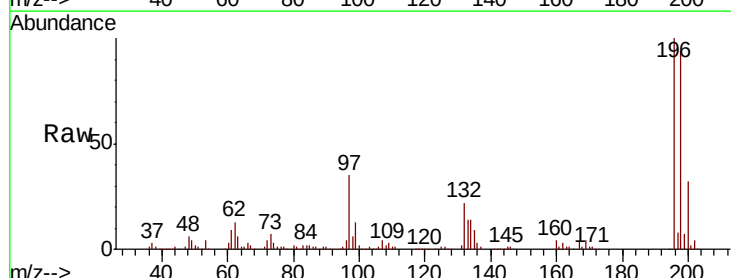
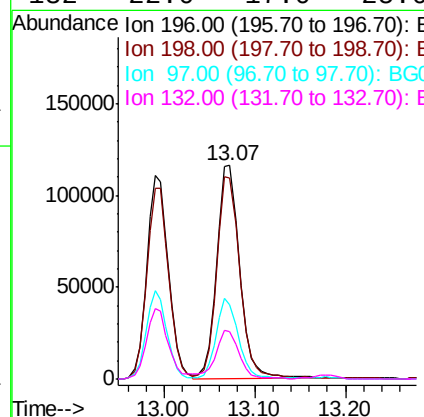
Manual Integrations
 APPROVED

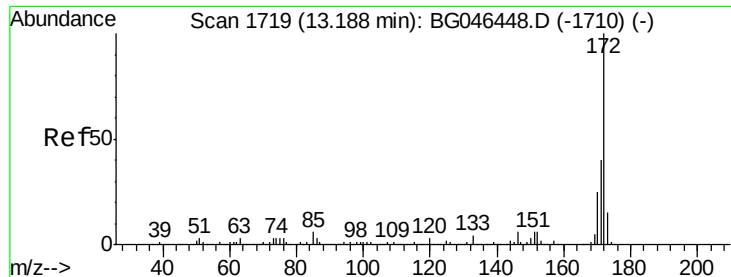
mohammad
 9/15/2020 11:18:24 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.071 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204504		
198	93.9	75.6	113.4	
97	34.7	28.6	43.0	
132	22.0	17.0	25.6	





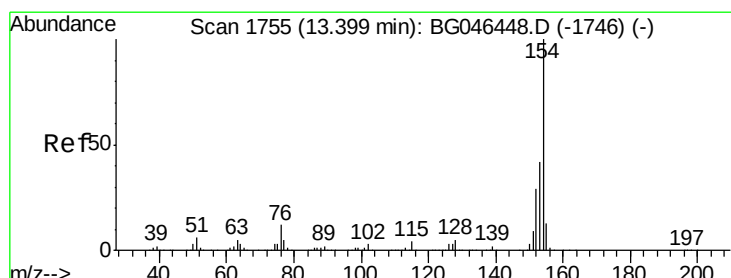
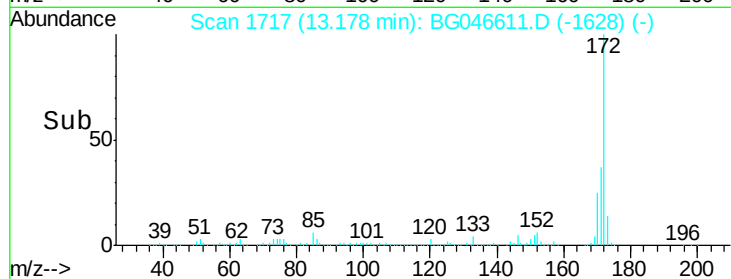
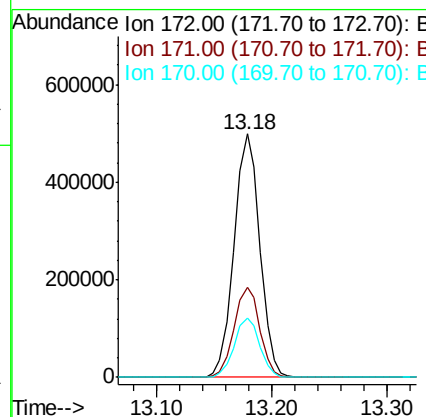
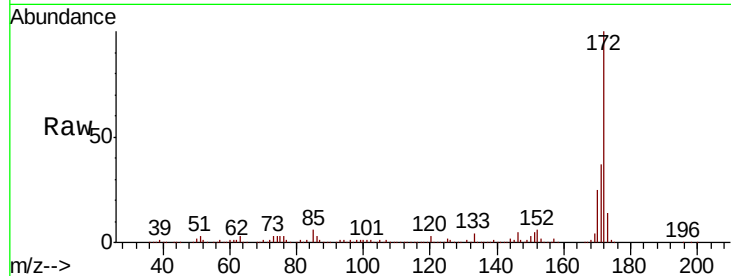
#45
2-Fluorobiphenyl
Concen: 60.379 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.6
170	24.5	20.3	30.5

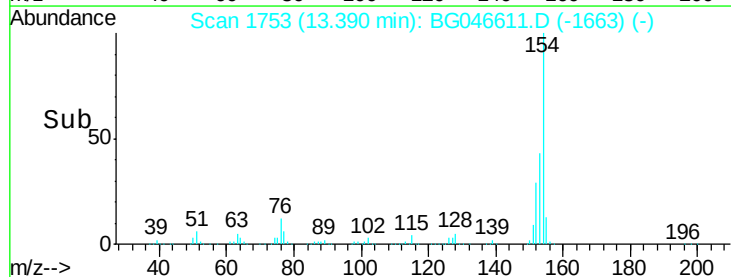
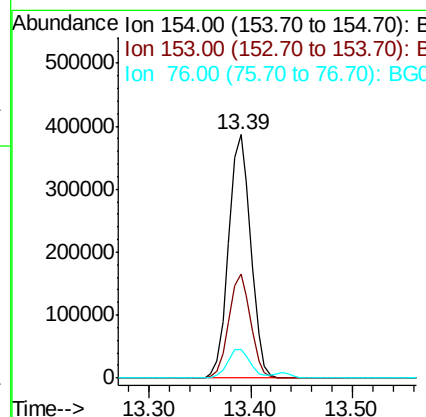
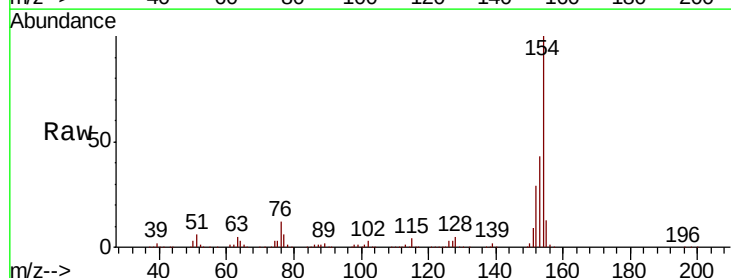
Manual Integrations
APPROVED

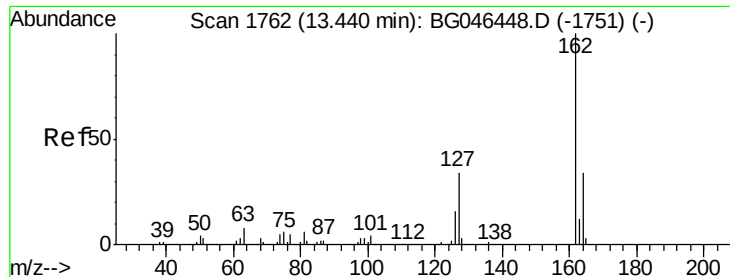
mohammad
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#46
1,1'-Biphenyl
Concen: 43.363 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	11.6	0.0	32.3





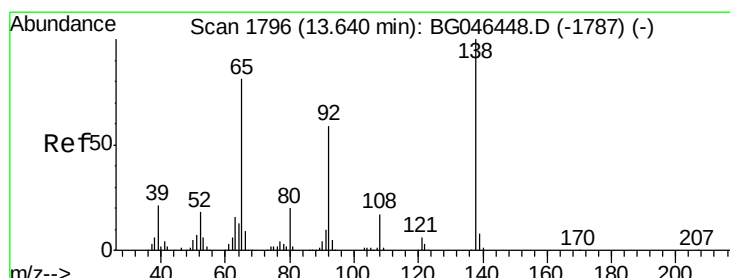
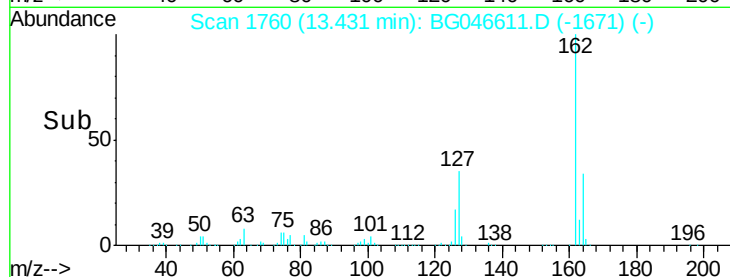
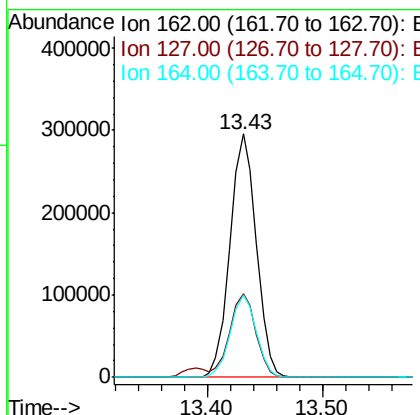
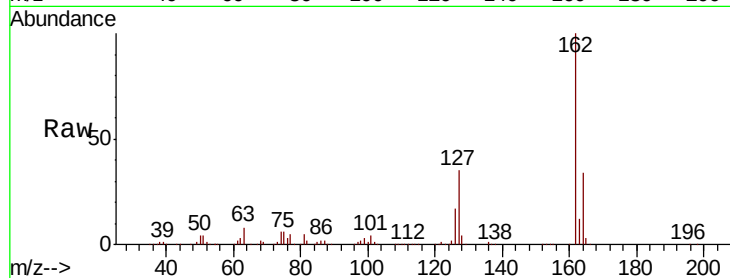
#47
2-Chloronaphthalene
Concen: 40.866 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	467813		
127	34.6	27.6	41.4	
164	33.6	27.3	40.9	

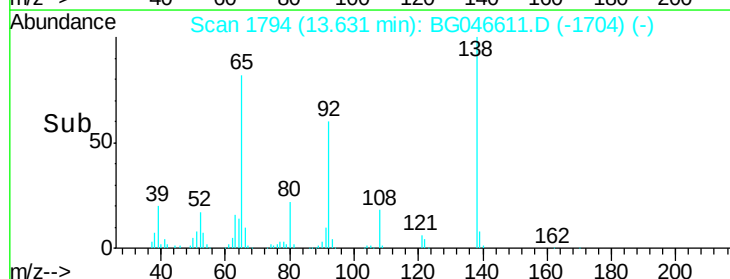
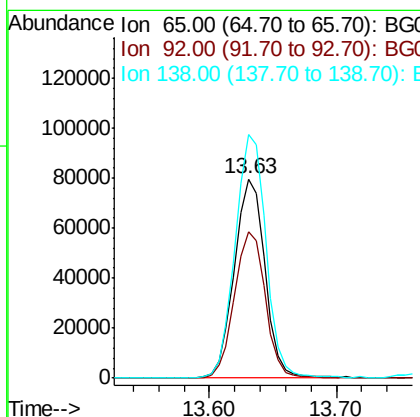
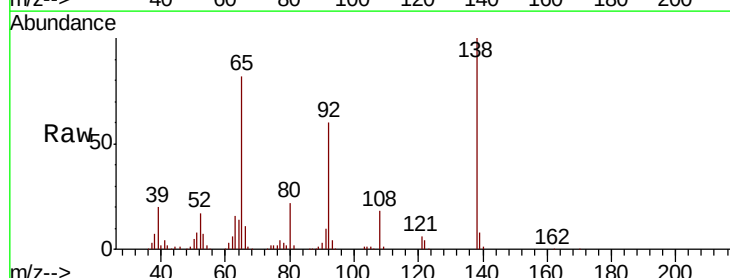
Manual Integrations
APPROVED

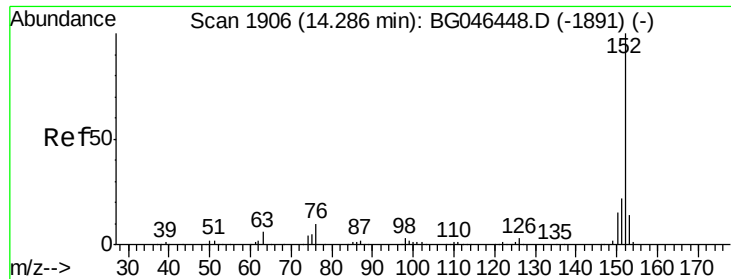
mohammad
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#48
2-Nitroaniline
Concen: 42.035 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	133619		
92	73.6	58.5	87.7	
138	122.1	98.4	147.6	





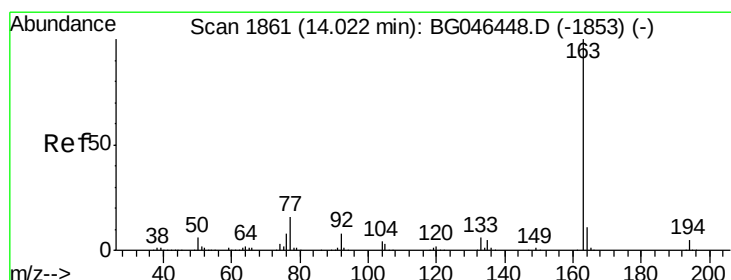
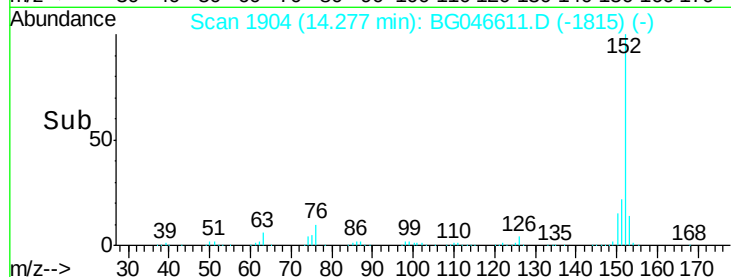
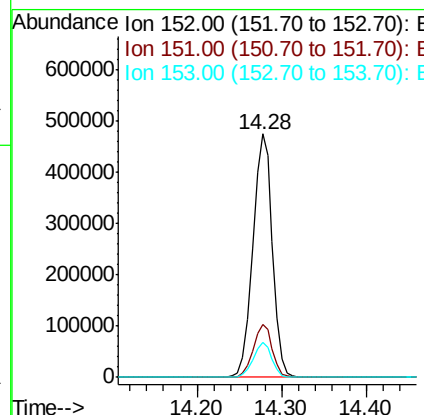
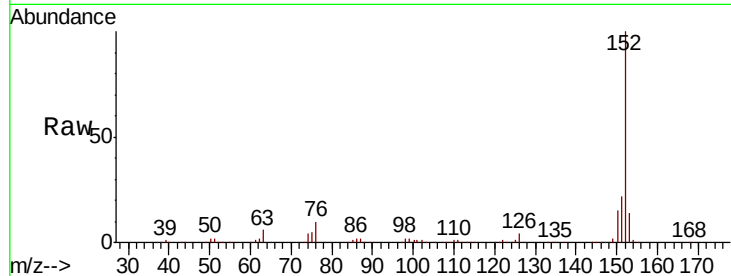
#49
Acenaphthylene
Concen: 43.822 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.7	26.5
153	14.2	11.2	16.8

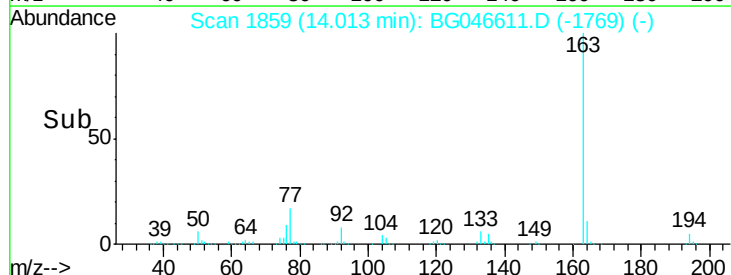
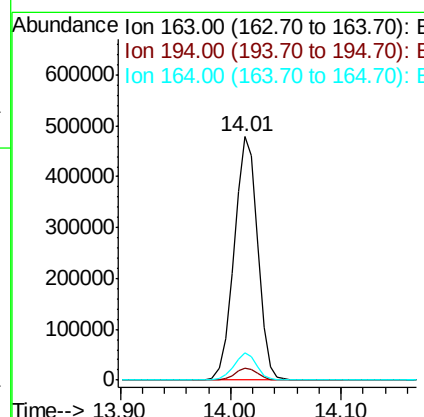
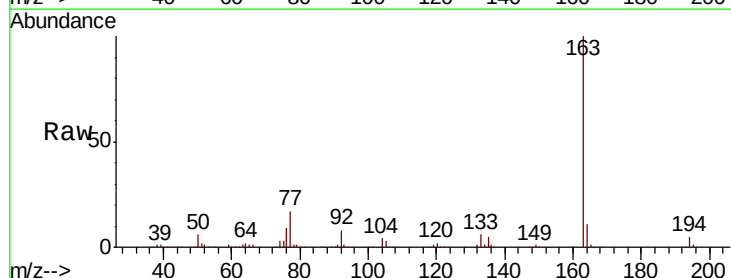
Manual Integrations
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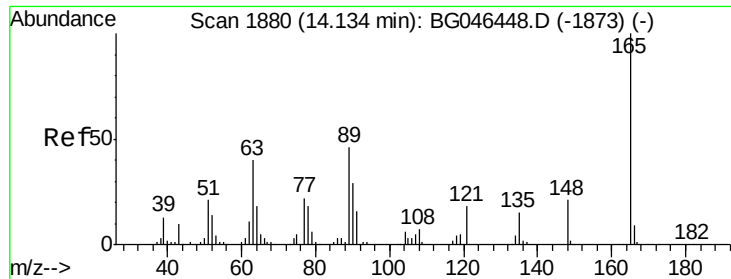
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#50
Dimethylphthalate
Concen: 47.449 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.1	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 45.557 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

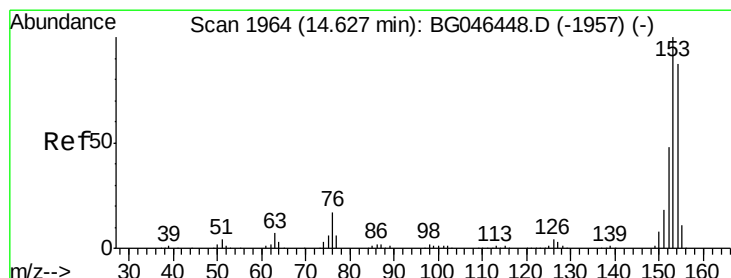
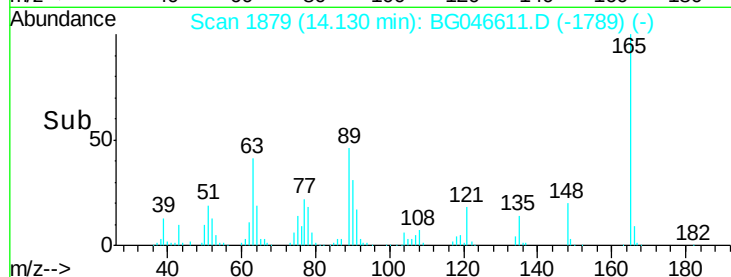
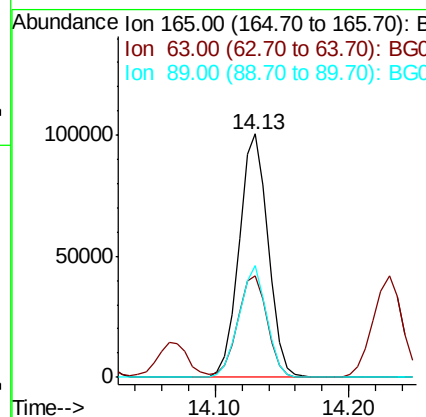
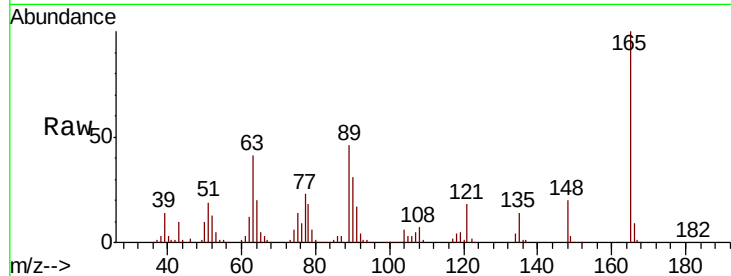
ClientSampleId :

B20-7-9MSD

Tot Ion:	165	Resp:	150769
Ion Ratio	Lower	Upper	
165	100		
63	41.5	34.2	51.4
89	46.1	37.0	55.4

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#52

Acenaphthene

Concen: 42.750 ng

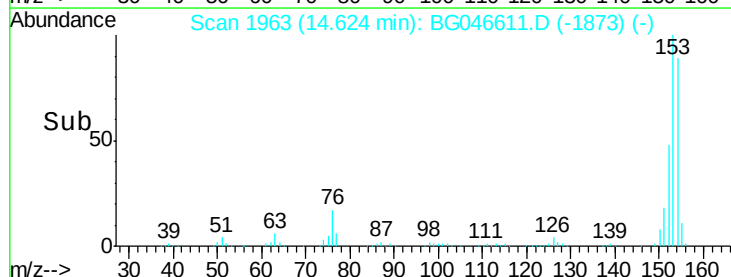
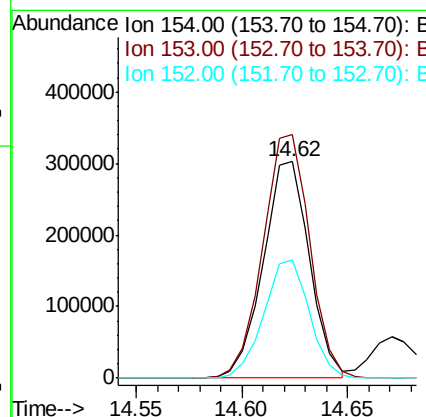
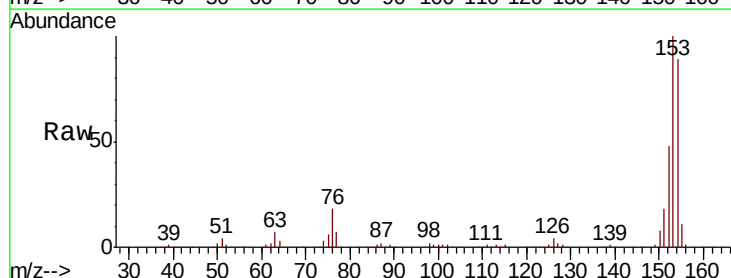
RT: 14.62 min Scan# 1963

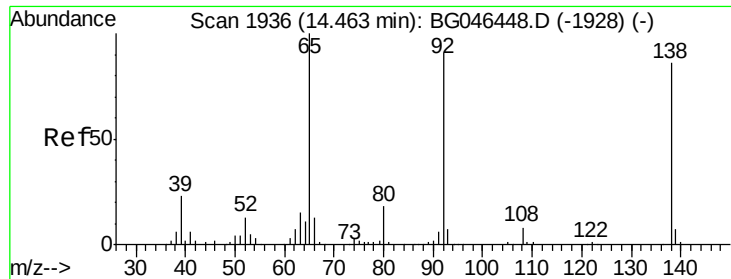
Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	154	Resp:	460023
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.9	137.9
152	54.4	43.8	65.6





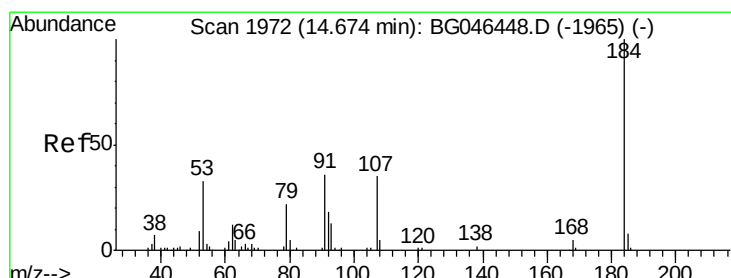
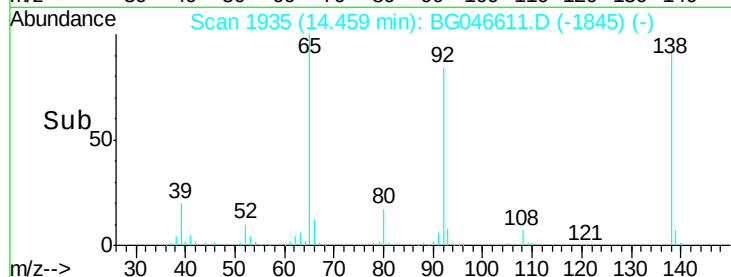
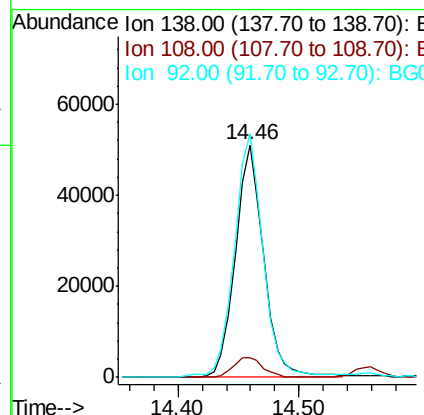
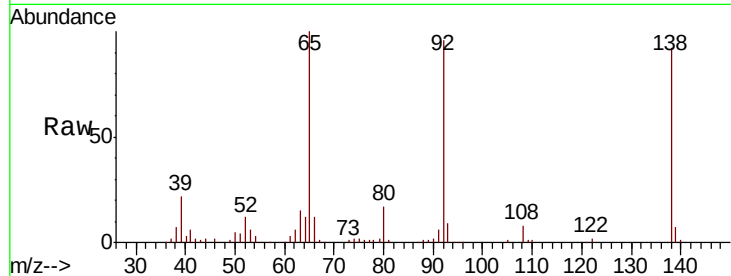
#53
 3-Nitroaniline
 Concen: 23.309 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.3	7.0	10.6
92	104.7	84.6	127.0

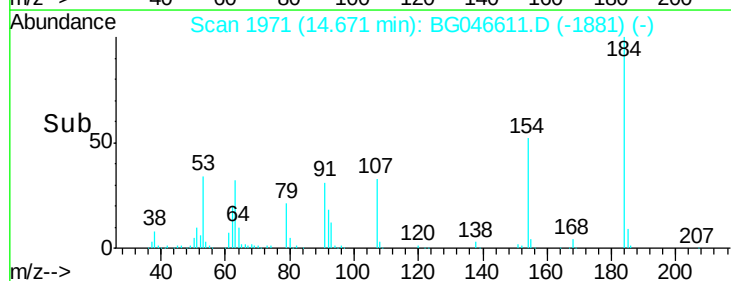
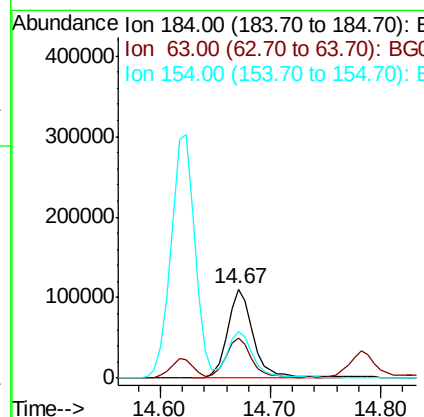
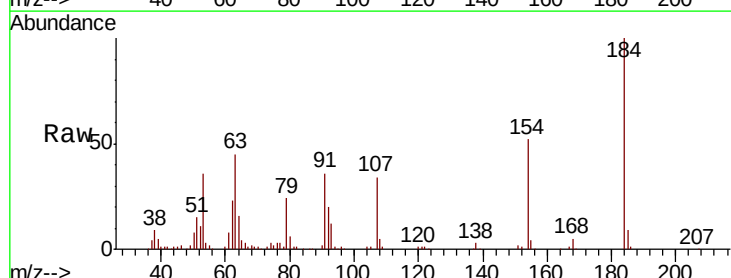
Manual Integrations
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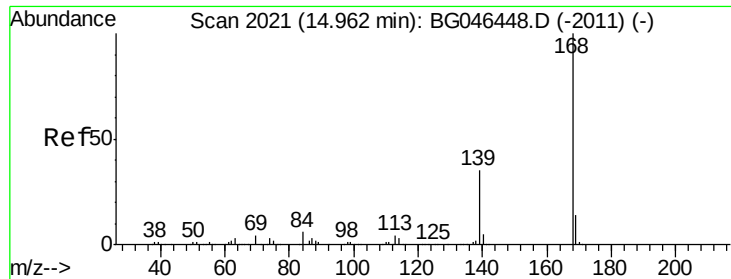
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#54
 2,4-Dinitrophenol
 Concen: 94.545 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.2	35.6	53.4
154	52.0	44.3	66.5





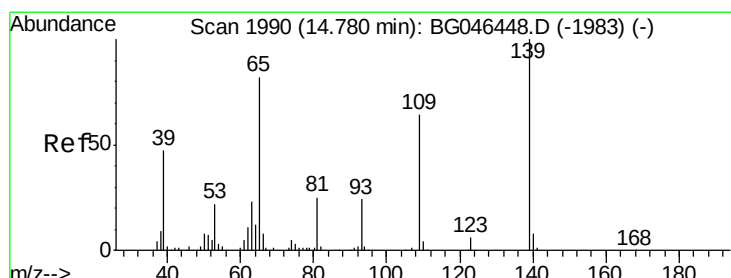
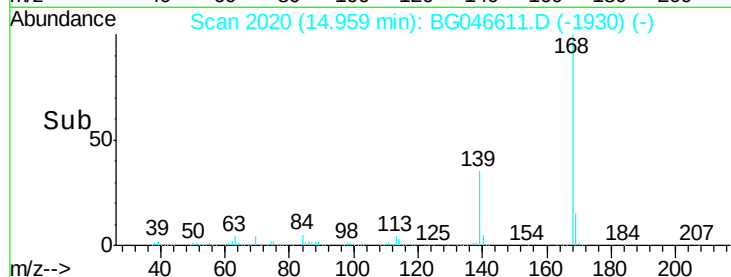
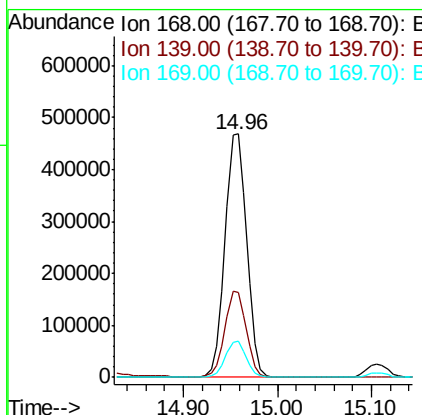
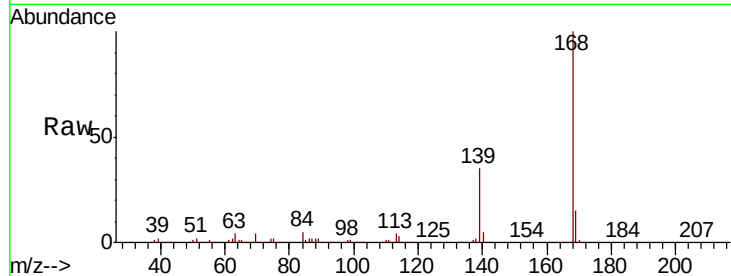
#55
Dibenzofuran
Concen: 43.733 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.1	42.1
169	14.7	11.5	17.3

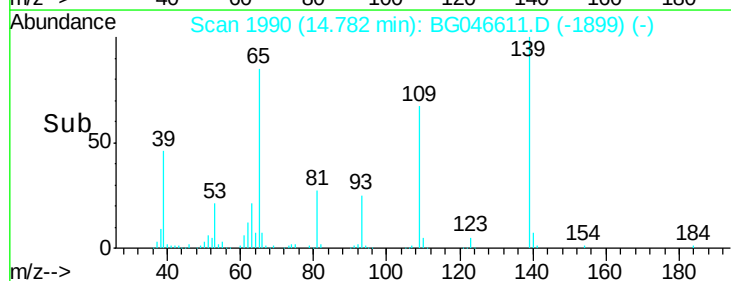
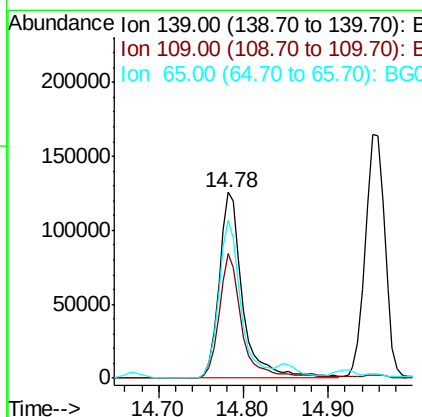
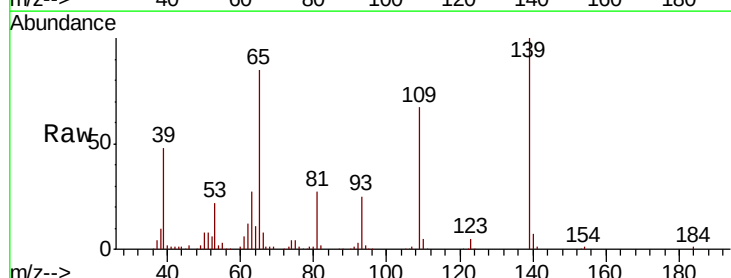
Manual Integrations
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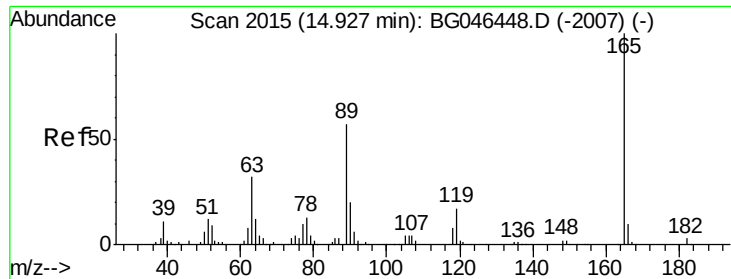
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#56
4-Nitrophenol
Concen: 92.143 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	44.3	84.3
65	84.8	61.5	101.5





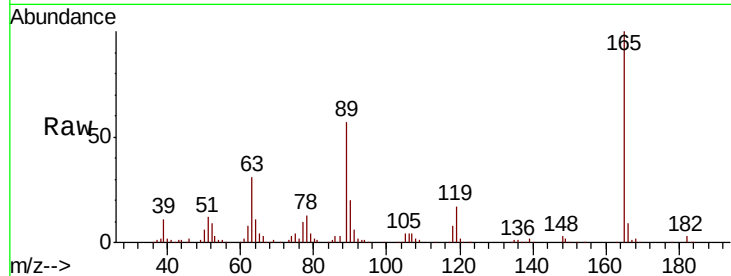
#57
2,4-Dinitrotoluene
Concen: 45.185 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	213226		
63	31.5	25.4	38.0	
89	56.8	45.9	68.9	
182	2.6	2.3	3.5	

Manual Integrations
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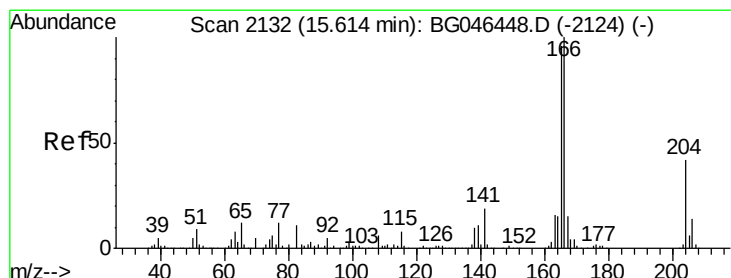
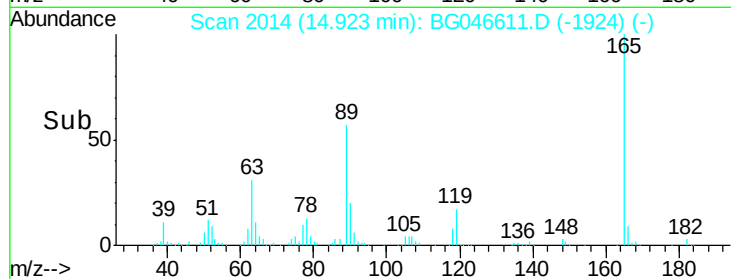
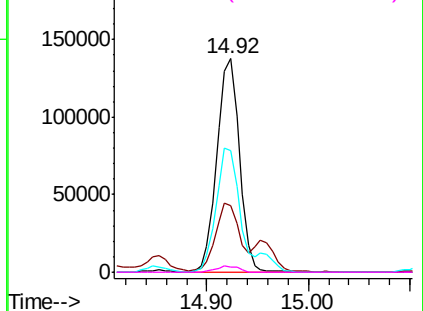
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

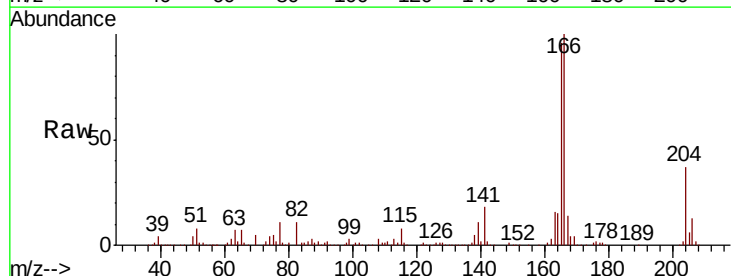
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.327 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	642478		
165	95.6	77.0	115.4	
167	14.3	11.8	17.6	

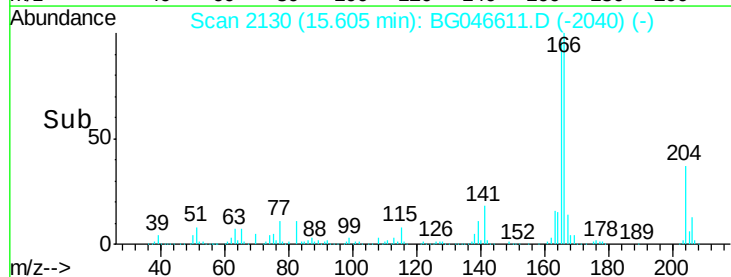
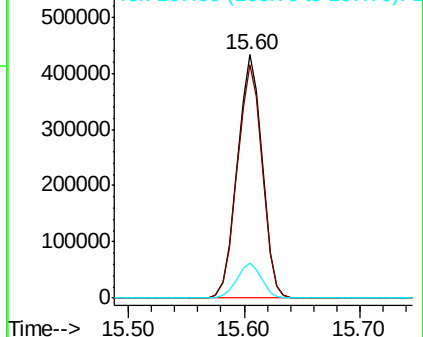


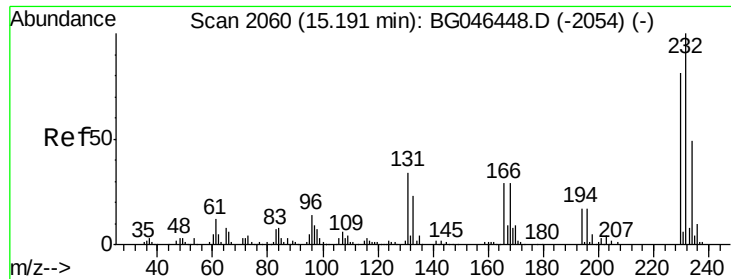
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





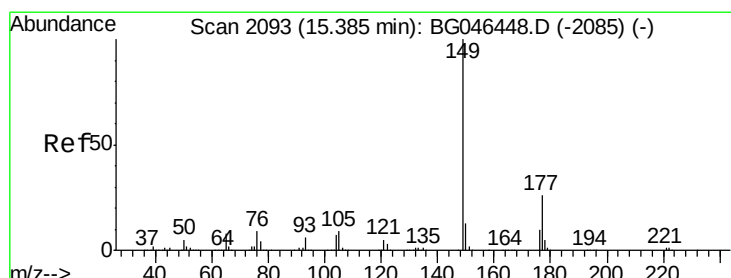
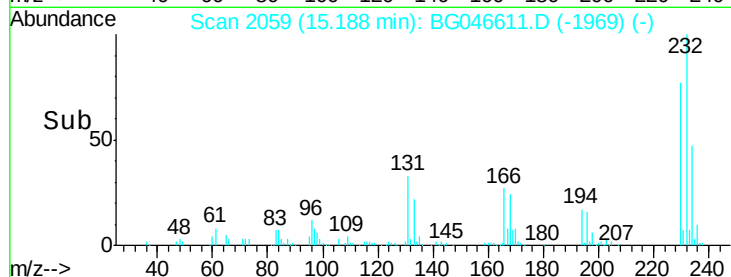
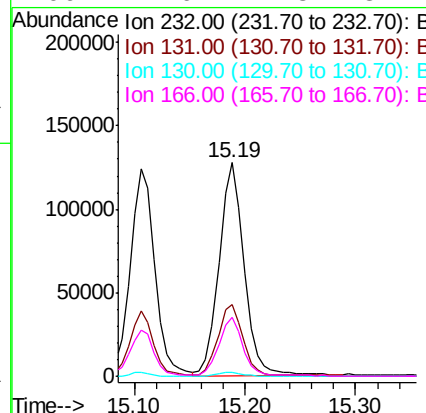
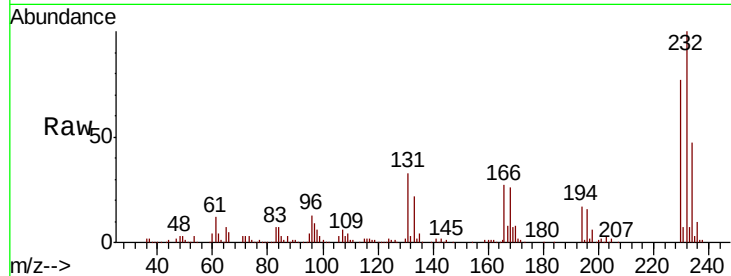
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.140 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	198889		
131	34.0		26.8	40.2
130	1.9		1.4	2.2
166	27.6		22.8	34.2

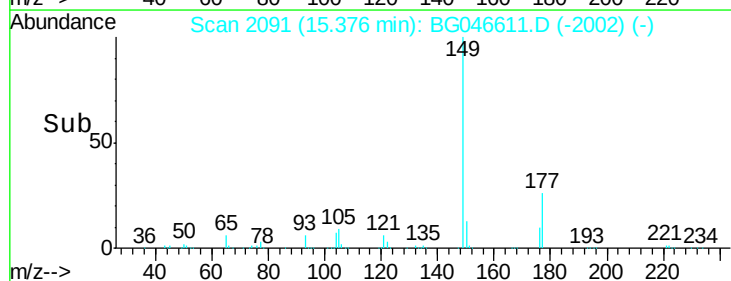
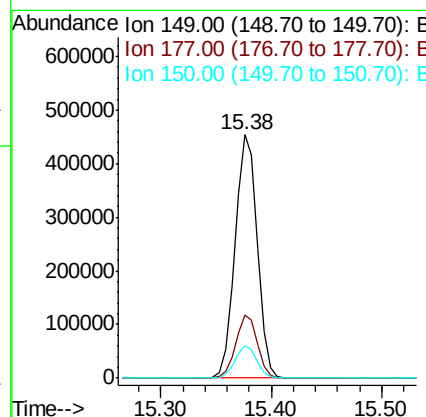
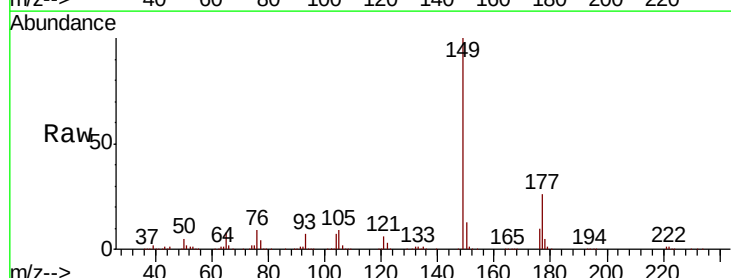
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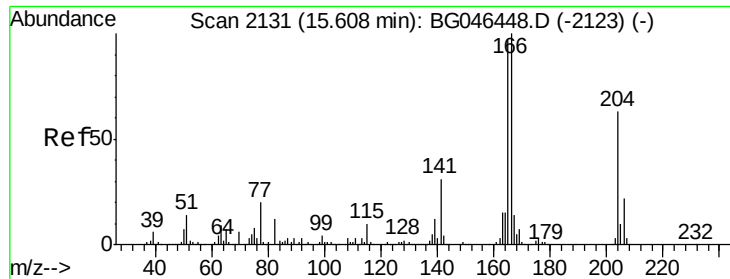
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#60
 Diethylphthalate
 Concen: 43.548 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	637456		
177	25.9		20.6	30.8
150	13.2		10.3	15.5





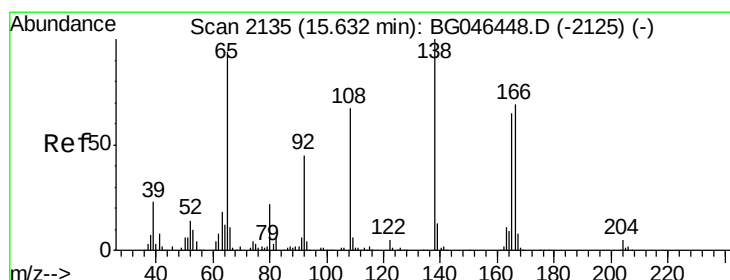
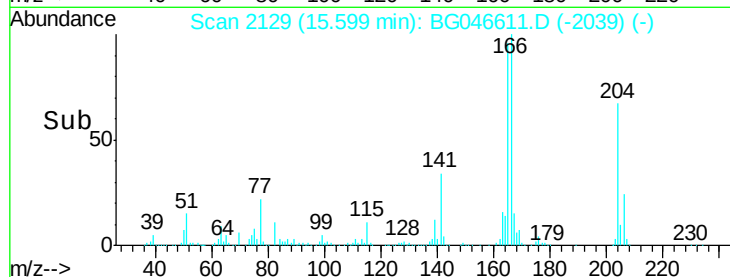
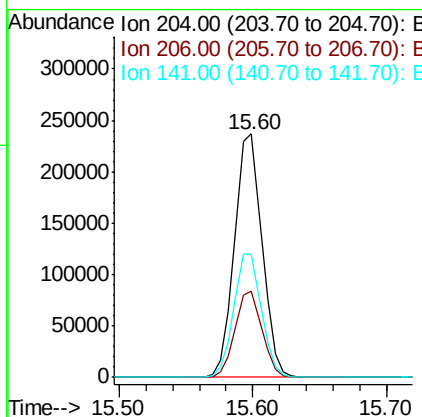
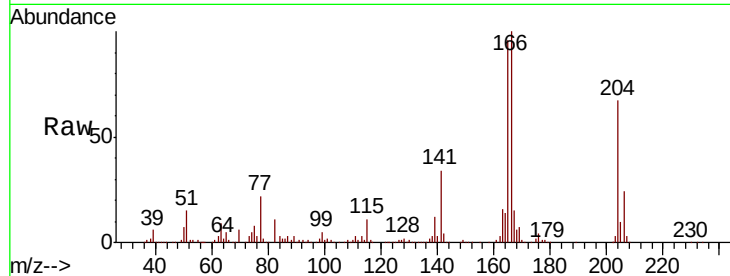
#61
4-Chlorophenyl-phenylether
Concen: 42.686 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.7	41.5
141	50.6	38.7	58.1

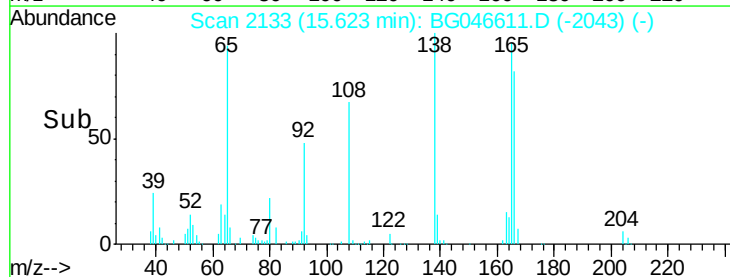
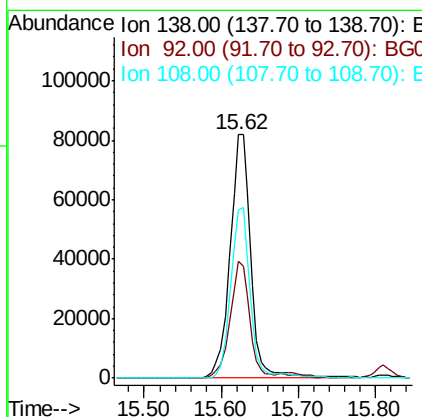
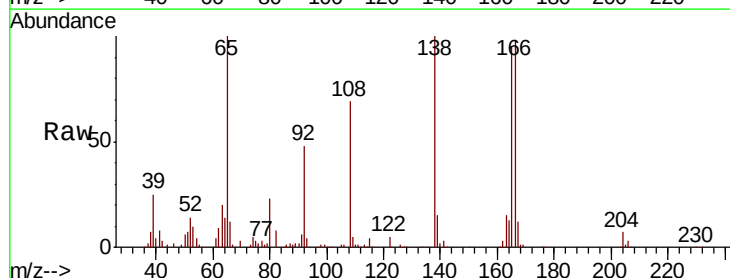
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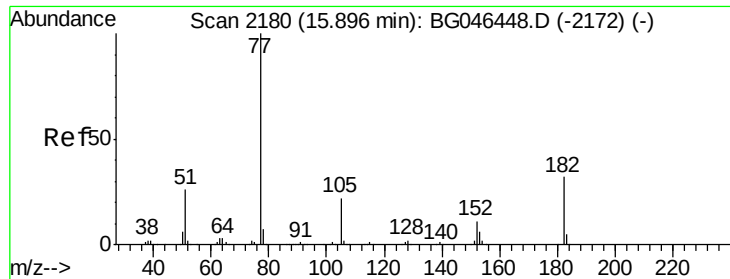
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#62
4-Nitroaniline
Concen: 40.614 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	25.3	65.3
108	68.9	46.7	86.7





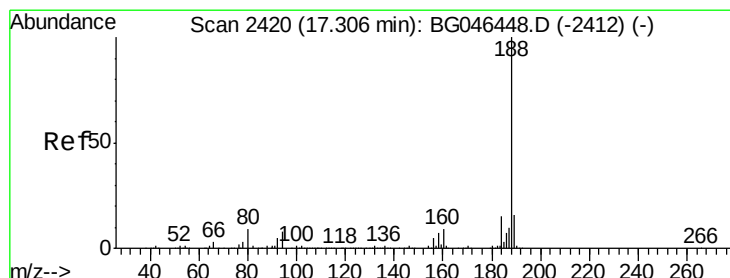
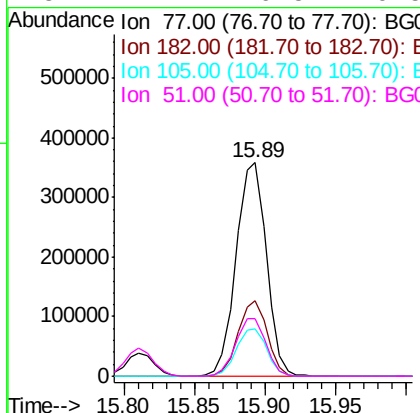
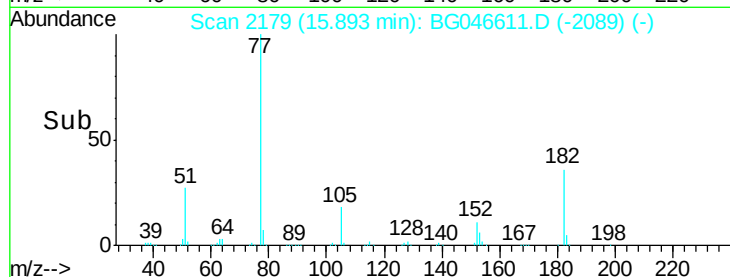
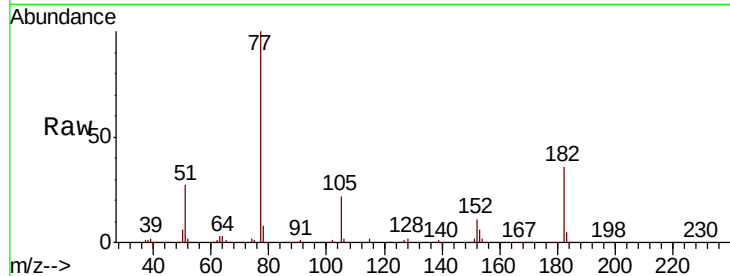
#63
Azobenzene
Concen: 44.877 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.6	12.3	52.3	
105	22.3	2.3	42.3	
51	27.1	6.5	46.5	

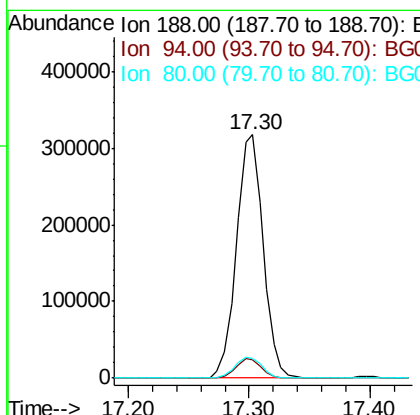
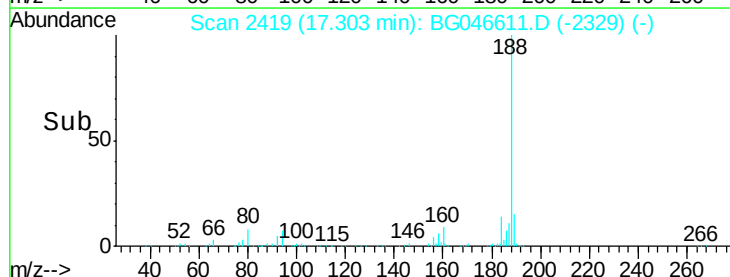
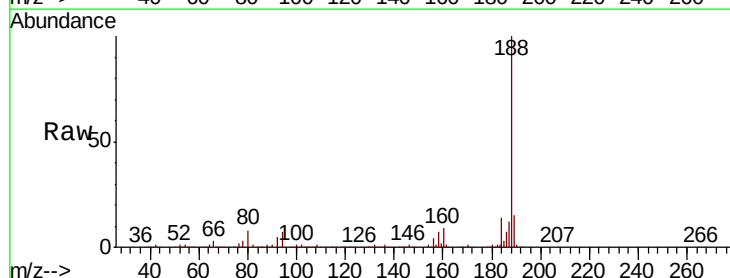
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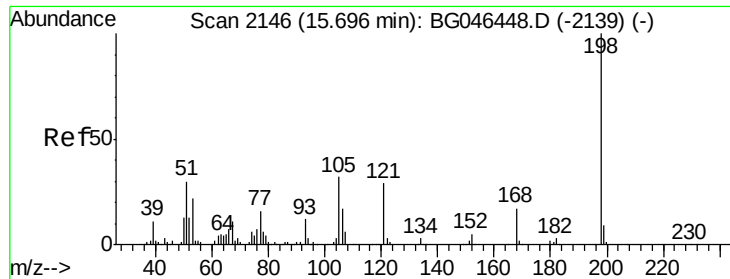
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.5	6.3	9.5	
80	8.3	6.9	10.3	





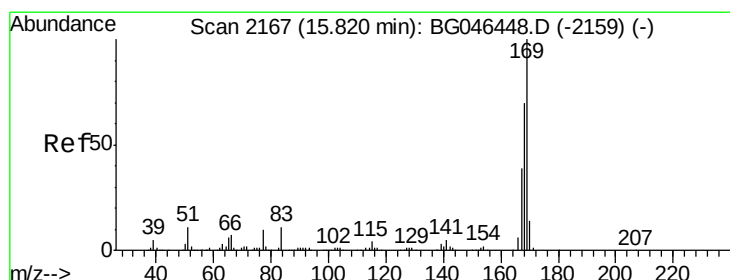
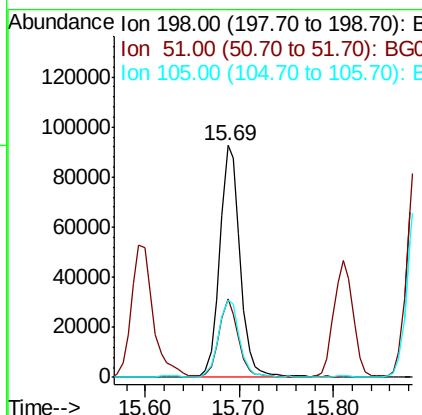
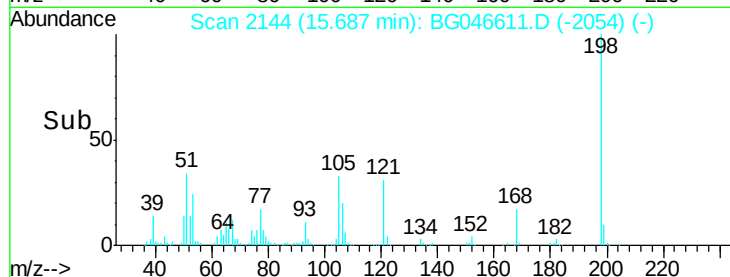
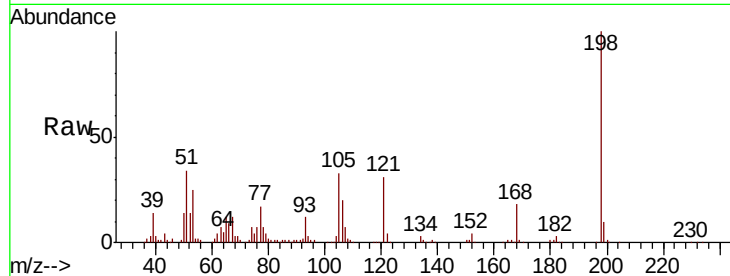
#65
4,6-Dinitro-2-methylphenol
Concen: 51.037 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141384		
51	33.7	10.4	50.4	
105	33.5	12.4	52.4	

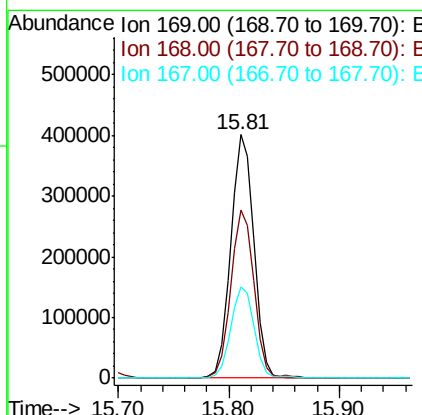
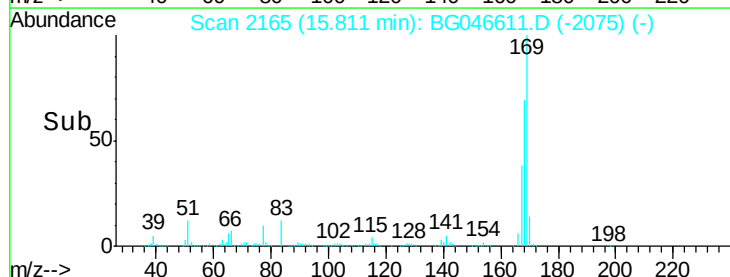
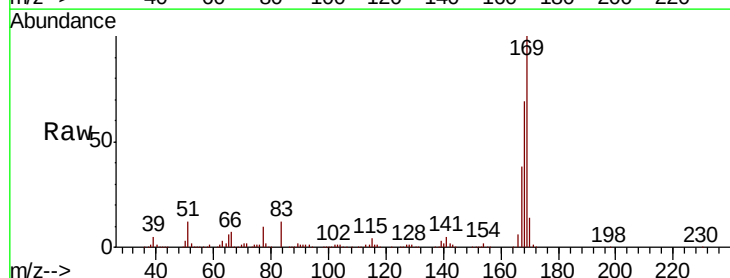
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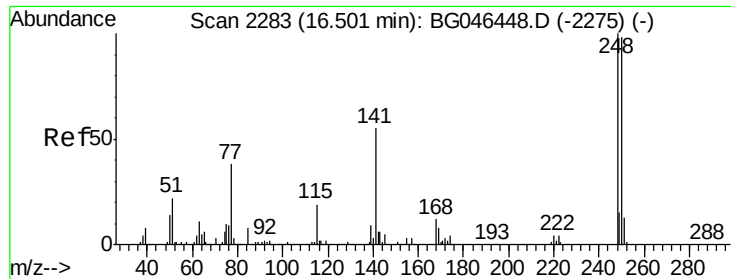
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#66
n-Nitrosodiphenylamine
Concen: 44.529 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	587959		
168	69.2	55.8	83.8	
167	37.6	31.0	46.6	





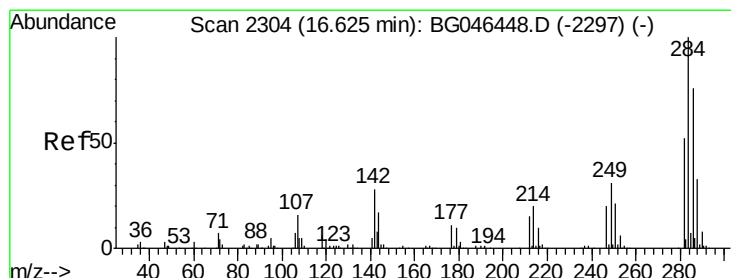
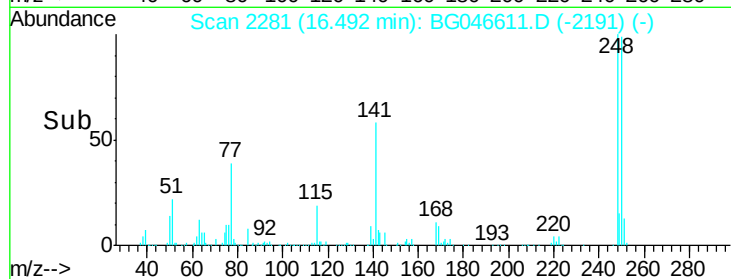
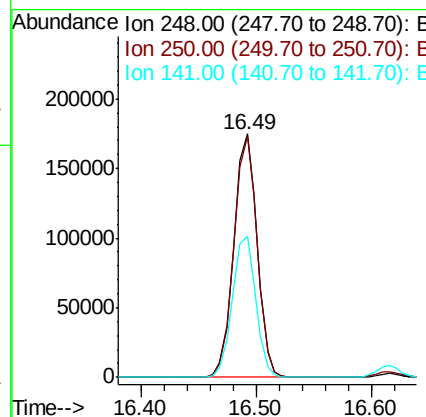
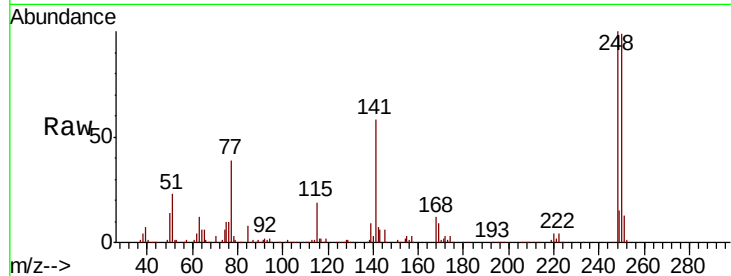
#67
4-Bromophenyl-phenylether
Concen: 42.756 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.6	118.0
141	58.0	43.9	65.9

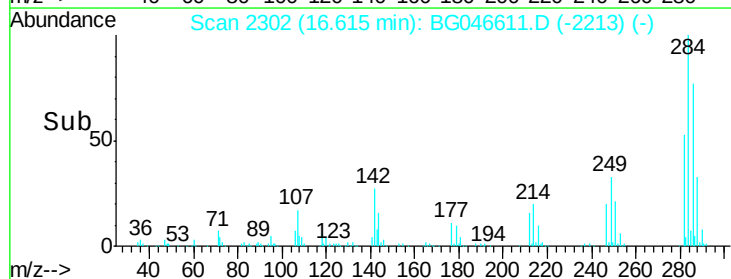
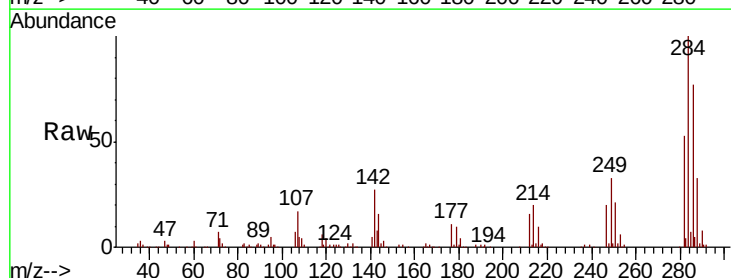
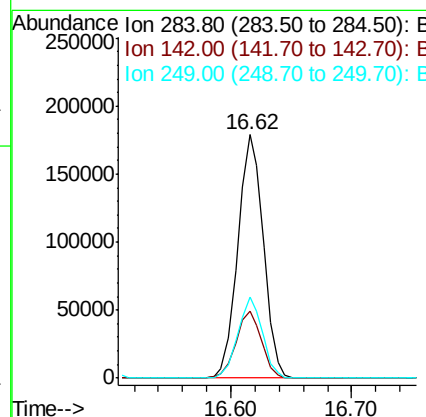
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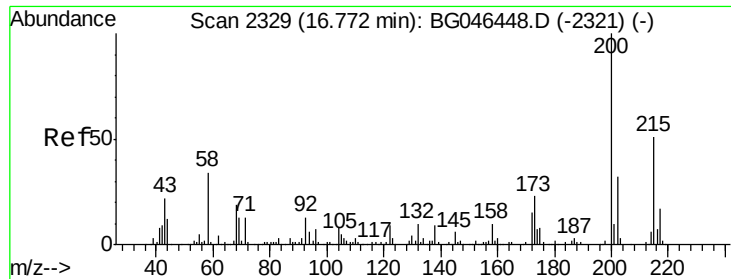
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#68
Hexachlorobenzene
Concen: 41.620 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	22.3	33.5
249	33.1	24.8	37.2





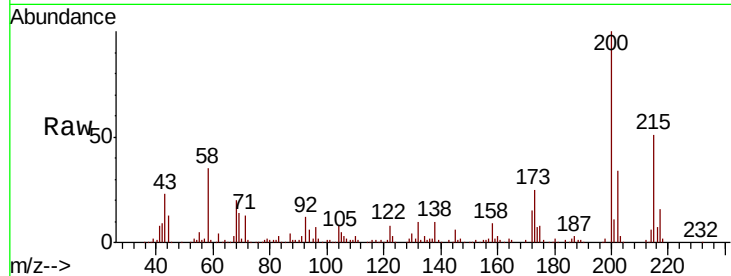
#69
 Atrazine
 Concen: 35.396 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

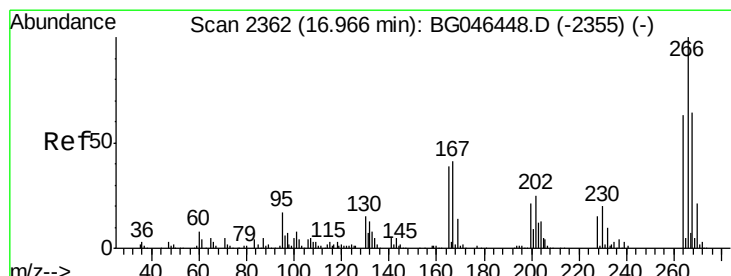
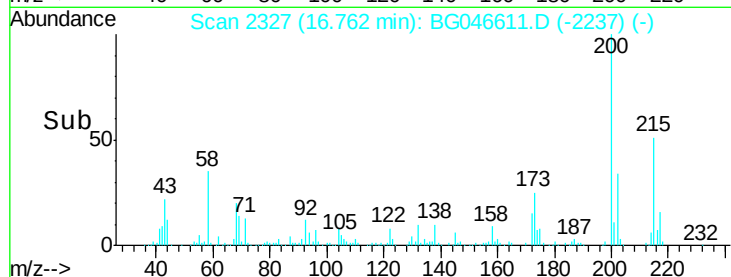
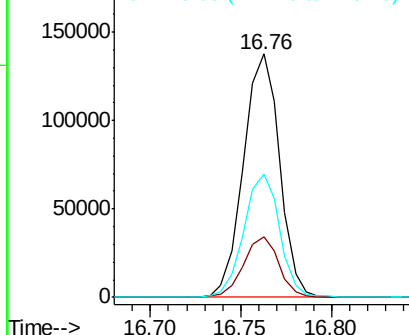
Tot Ion	Ratio	Resp	Lower	Upper
200	100	190667		
173	24.8	3.3	43.3	
215	50.7	30.9	70.9	

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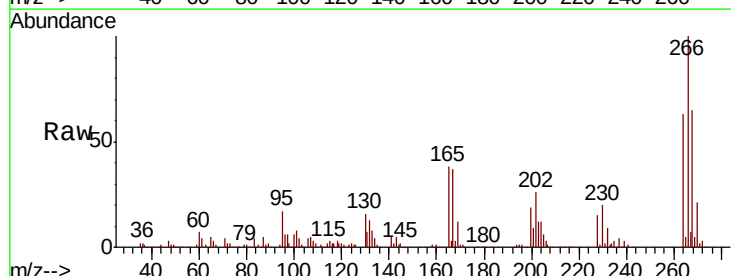


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

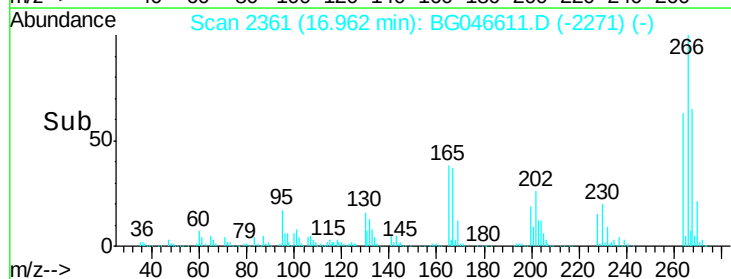
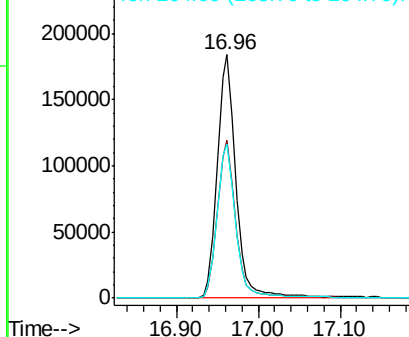


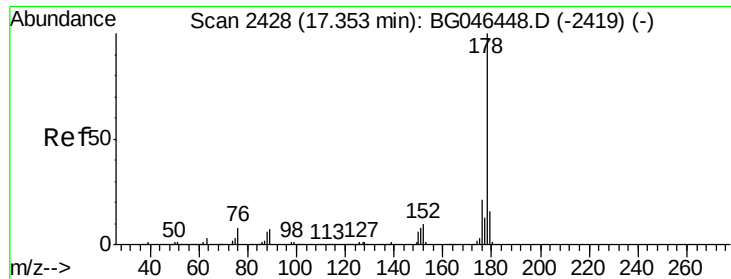
#70
 Pentachlorophenol
 Concen: 89.528 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	295811		
268	65.0	51.1	76.7	
264	63.4	50.2	75.2	



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





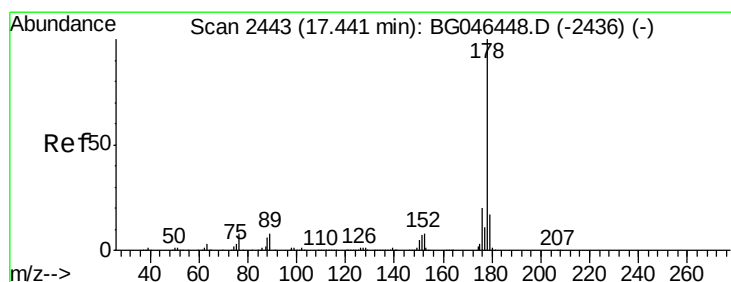
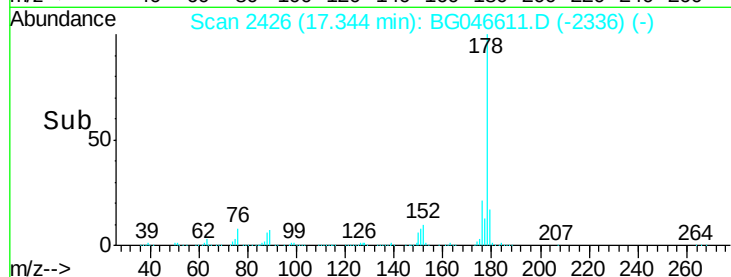
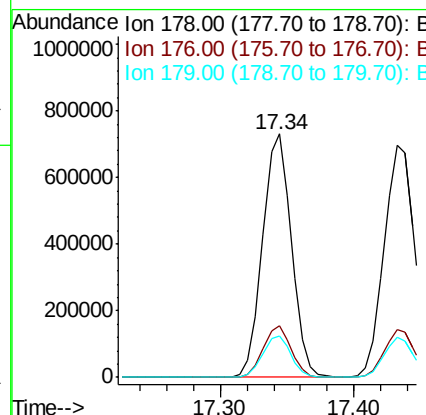
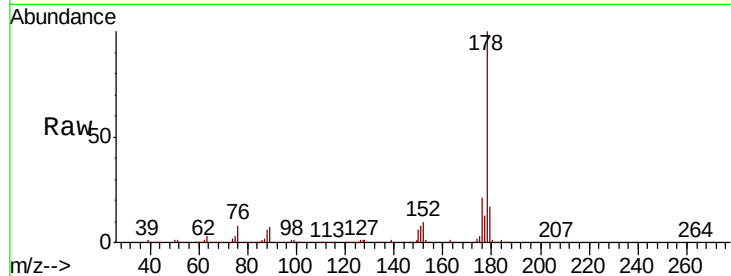
#71
Phenanthrene
Concen: 43.949 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion:178 Resp: 1090299
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 16.8 13.2 19.8

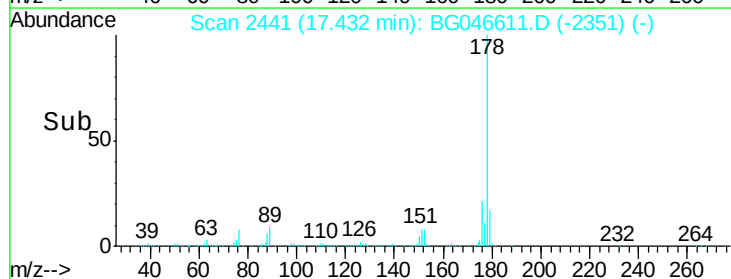
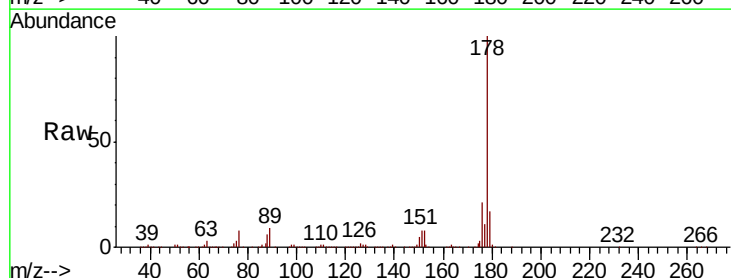
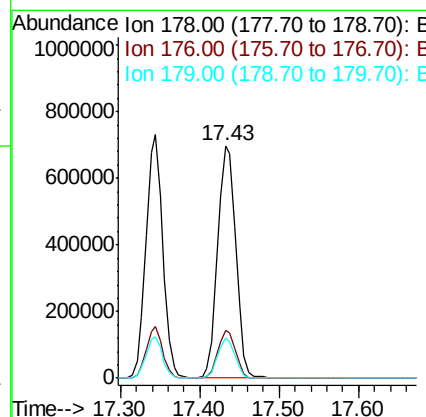
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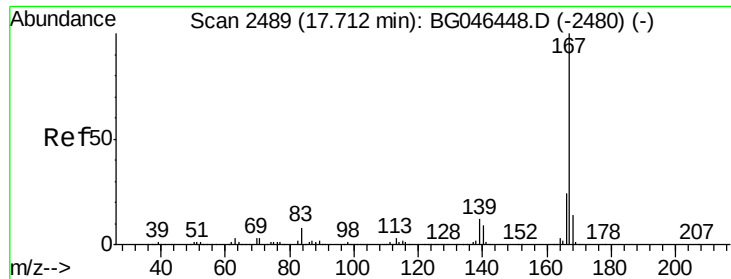
mohammad
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#72
Anthracene
Concen: 45.182 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion:178 Resp: 1105909
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.3 13.3 19.9





#73

Carbazole

Concen: 44.181 ng

RT: 17.70 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

Tot Ion:167 Resp: 1021002

Ion Ratio Lower Upper

167 100

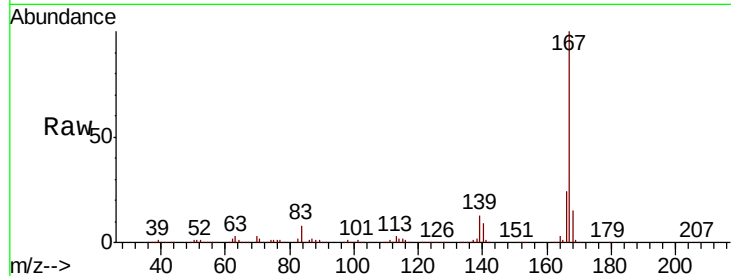
166 23.7 19.3 28.9

139 12.8 9.7 14.5

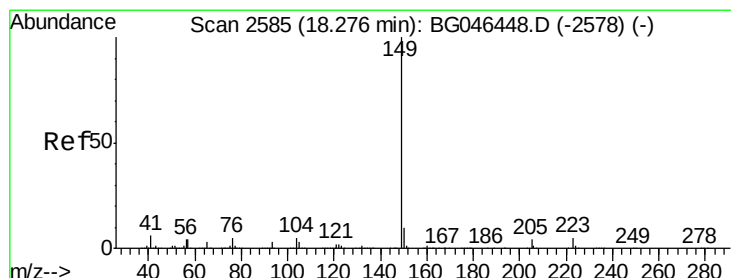
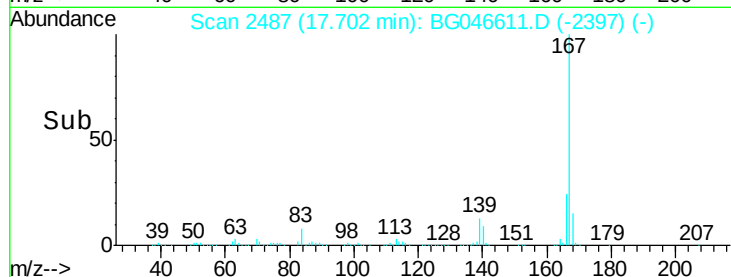
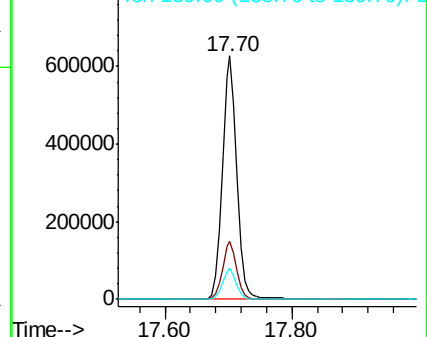
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.265 ng

RT: 18.27 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

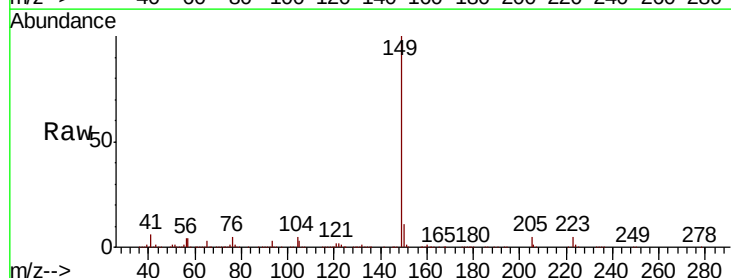
Tgt Ion:149 Resp: 1123146

Ion Ratio Lower Upper

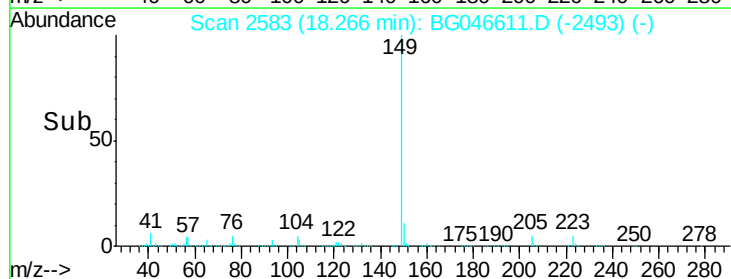
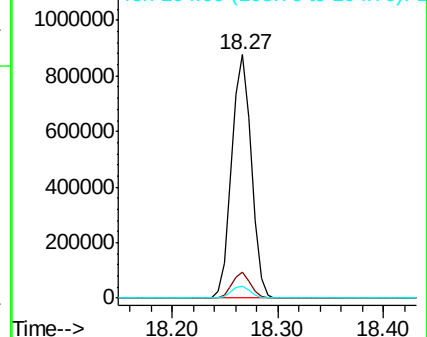
149 100

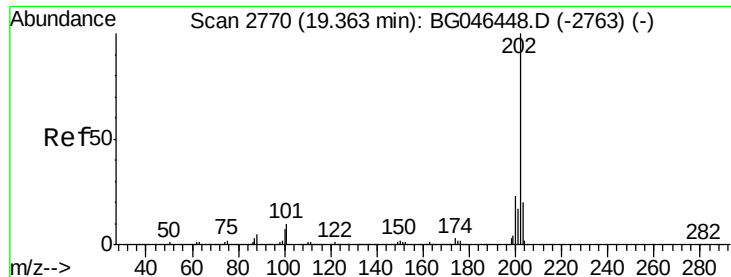
150 10.6 8.1 12.1

104 4.9 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: 43.327 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

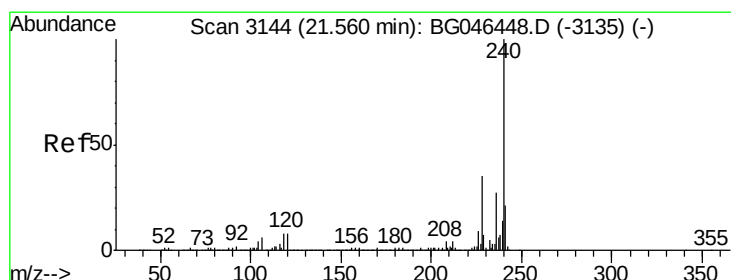
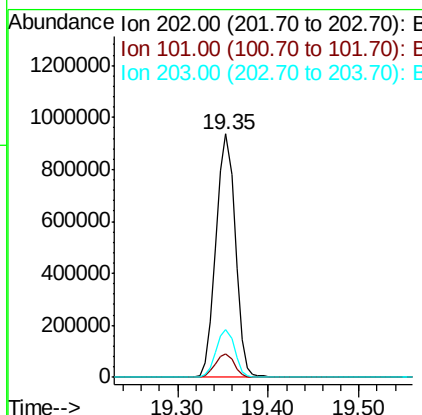
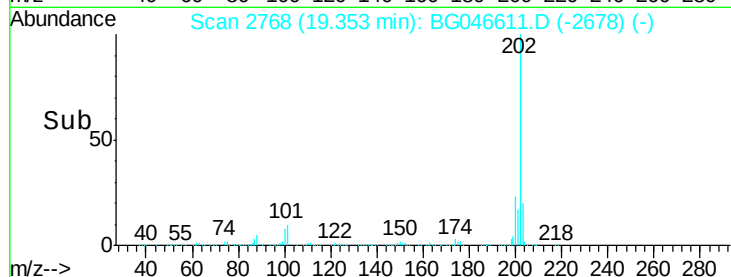
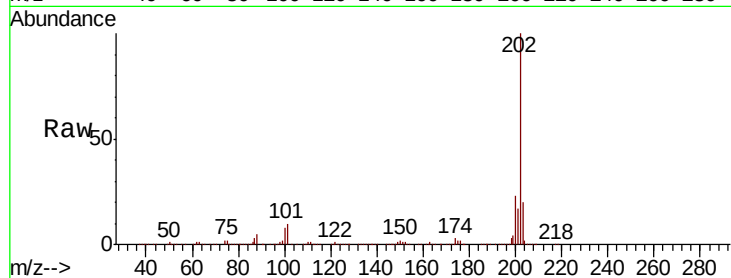
ClientSampleId :

B20-7-9MSD

Tot Ion:	202	Resp:	1383246
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.9
203	19.9	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

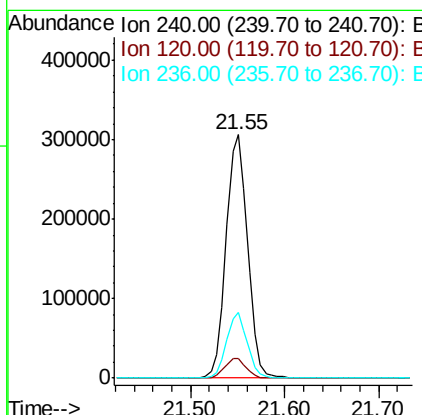
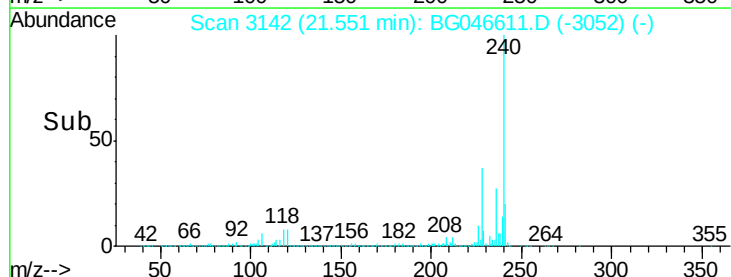
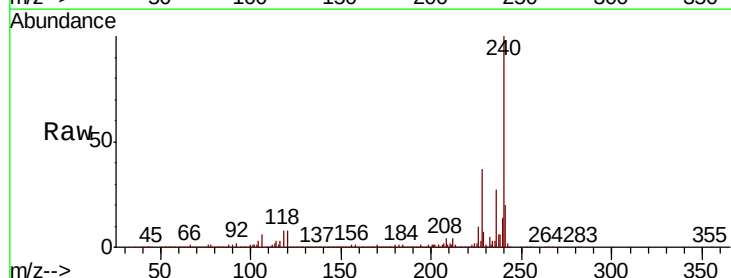
RT: 21.55 min Scan# 3142

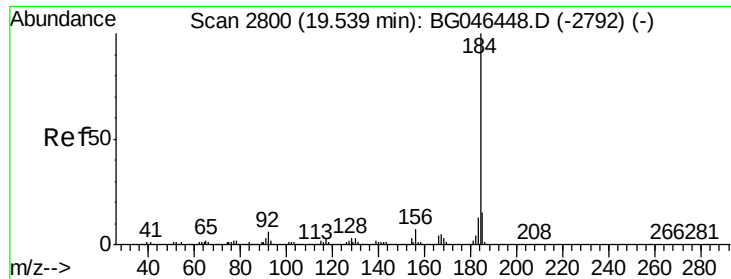
Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	240	Resp:	485916
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.6	10.0
236	26.9	21.4	32.2





#77

Benzidine

Concen: 51.491 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

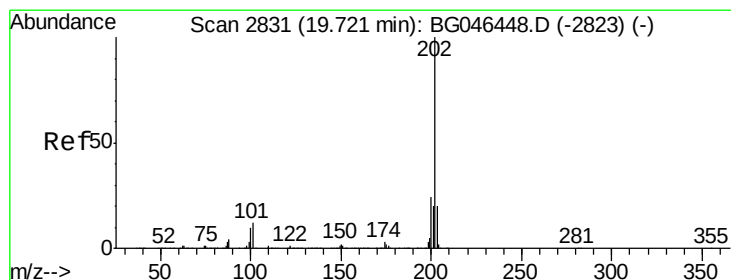
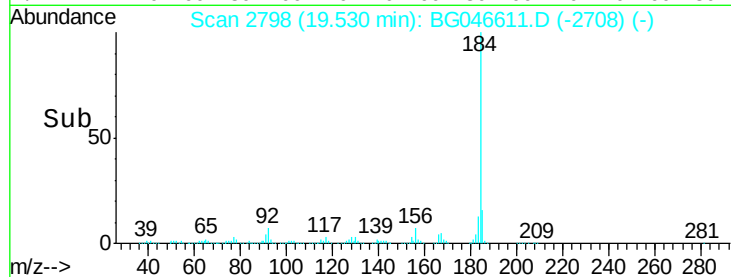
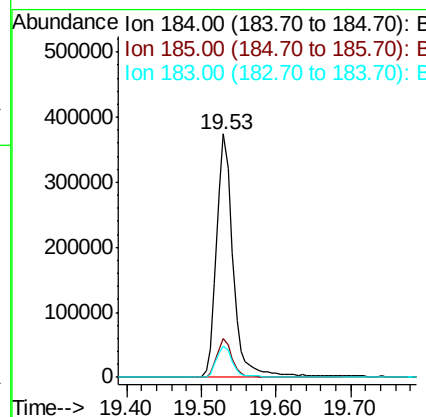
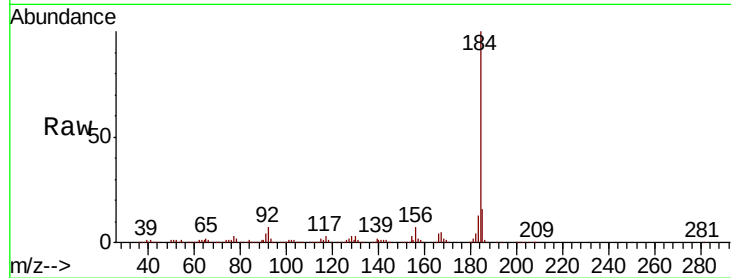
ClientSampleId :

B20-7-9MSD

Tot Ion:	184	Resp:	581395
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	12.8	10.7	16.1

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#78

Pyrene

Concen: 44.433 ng

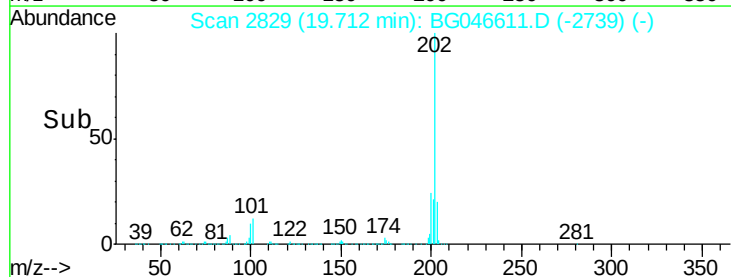
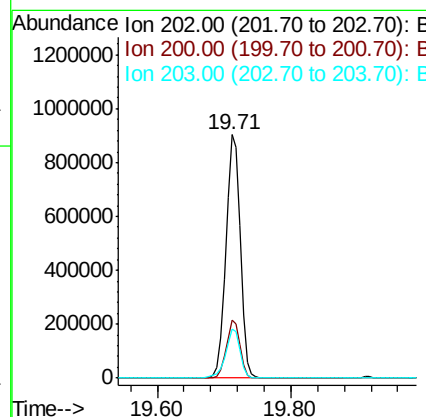
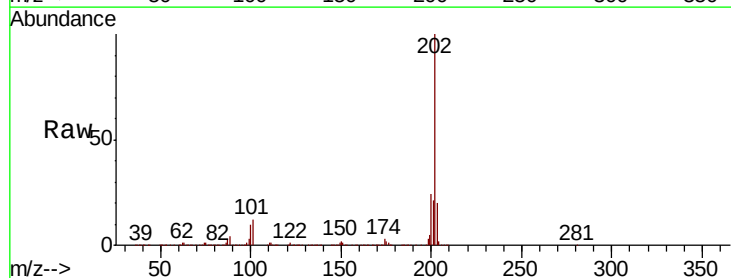
RT: 19.71 min Scan# 2829

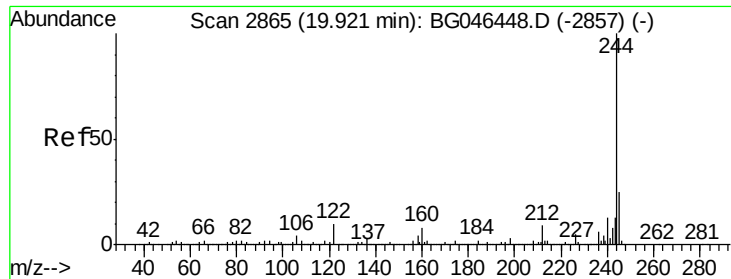
Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	202	Resp:	1374877
Ion Ratio	Lower	Upper	
202	100		
200	23.9	18.9	28.3
203	20.1	16.1	24.1





#79

Terphenyl-d14

Concen: 58.664 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

ClientSampleId :

B20-7-9MSD

Tot Ion:244 Resp: 1339443

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

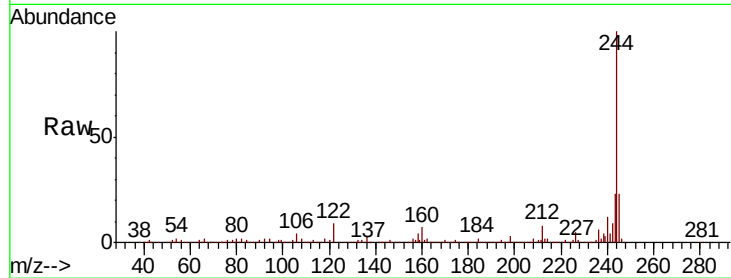
122 9.4 8.2 12.4

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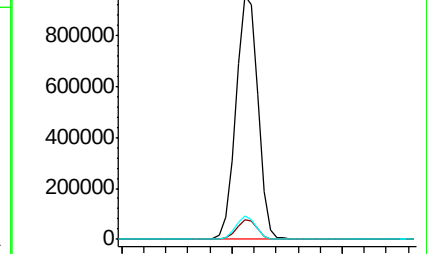
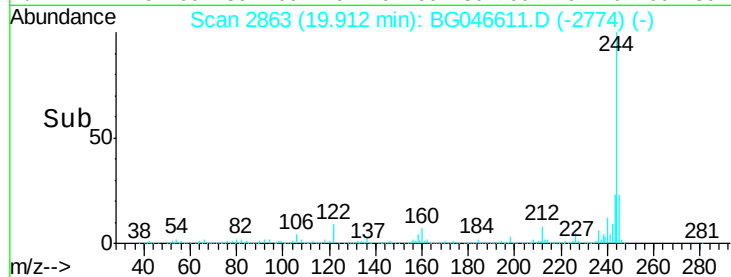
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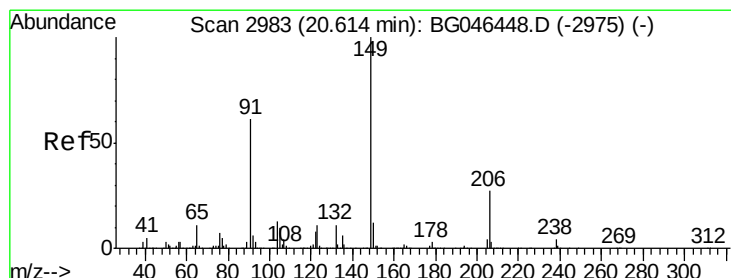
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.90 20.00



#80

Butylbenzylphthalate

Concen: 42.327 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

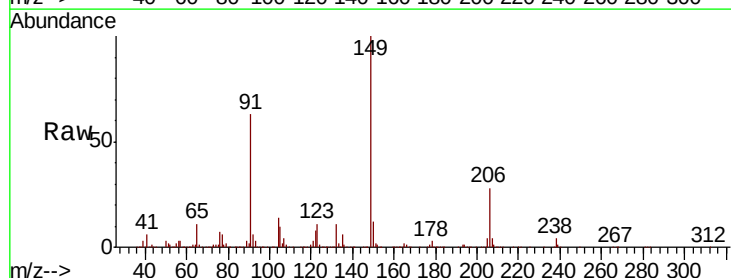
Tgt Ion:149 Resp: 510856

Ion Ratio Lower Upper

149 100

91 63.2 49.1 73.7

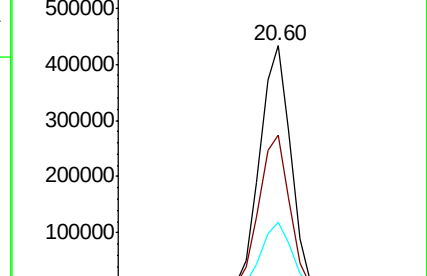
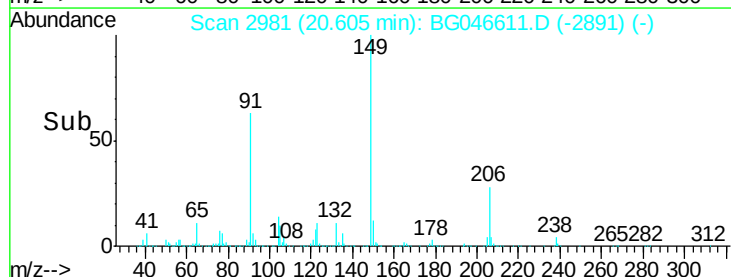
206 27.5 21.9 32.9



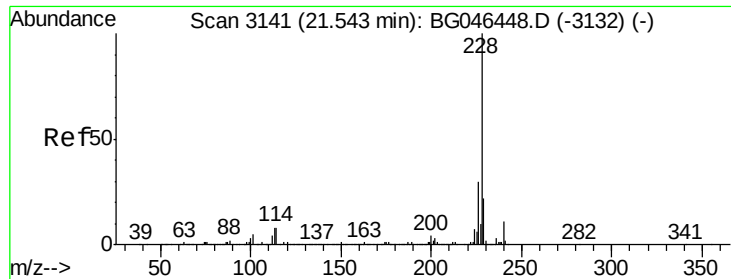
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time--> 20.55 20.60 20.65



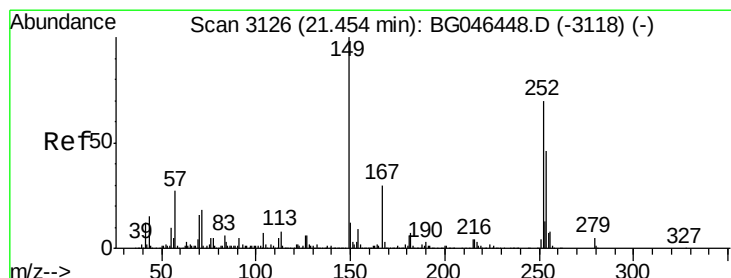
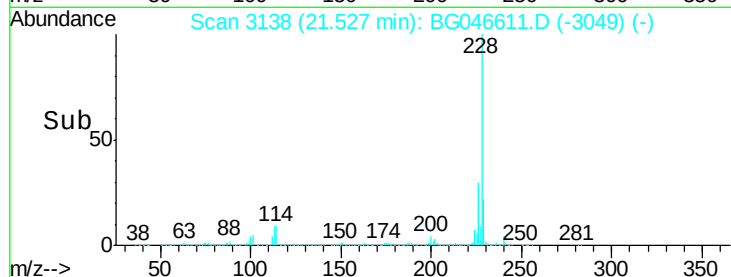
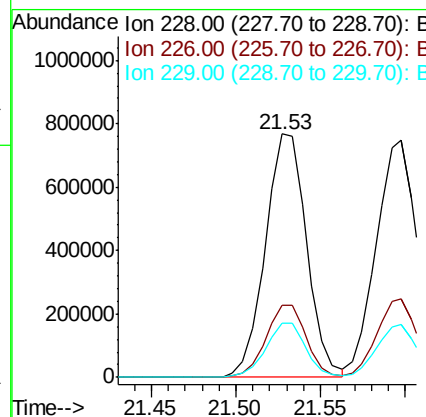
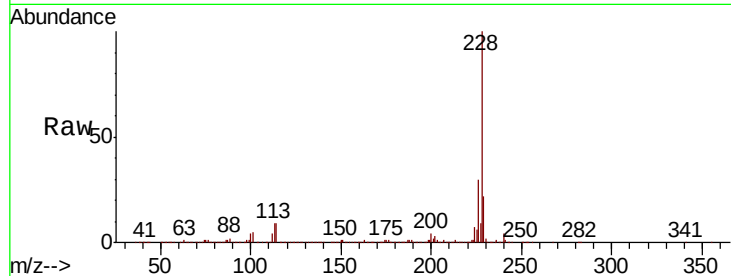
#81
Benzo(a)anthracene
Concen: 42.937 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	22.1	17.4	26.2

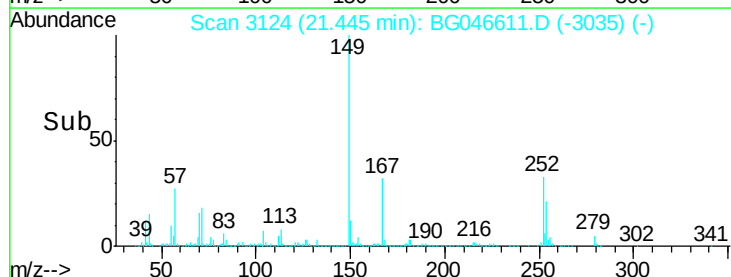
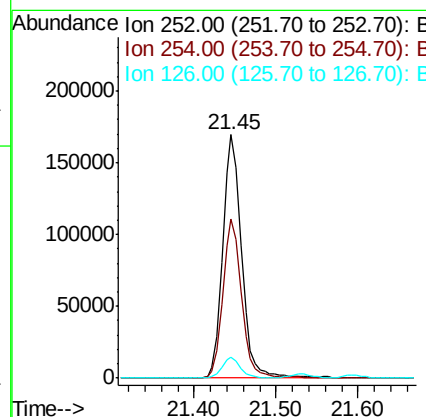
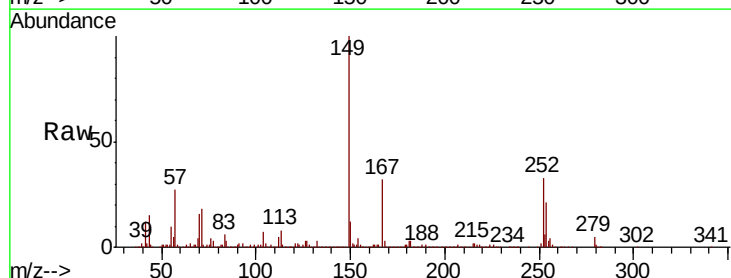
Manual Integrations
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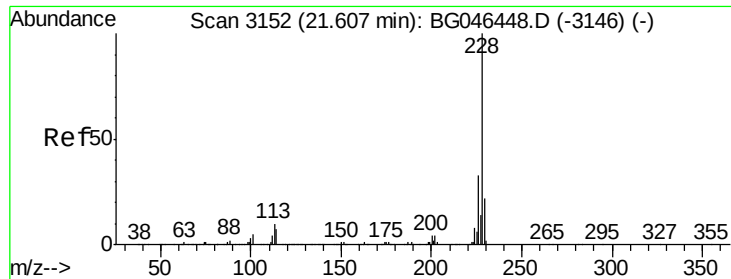
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.293 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	8.6	7.4	11.0





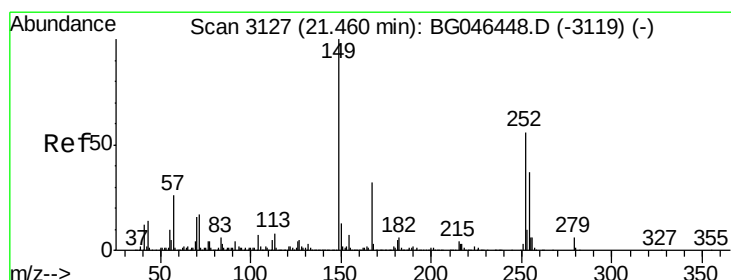
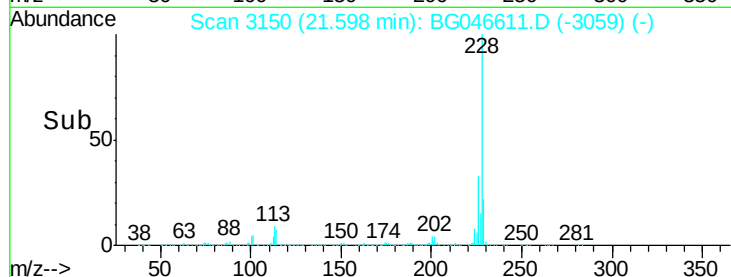
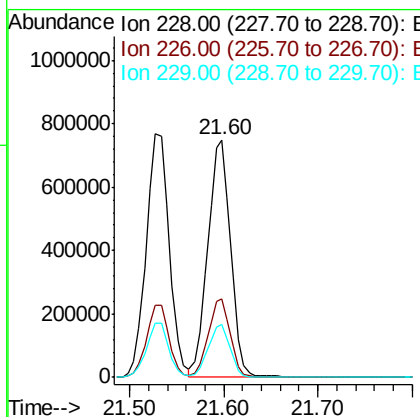
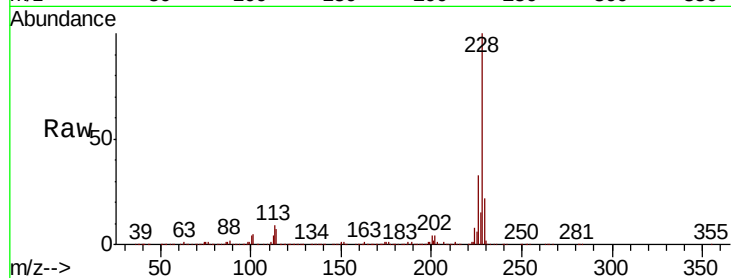
#83
Chrysene
Concen: 43.583 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.2	39.4
229	22.2	17.9	26.9

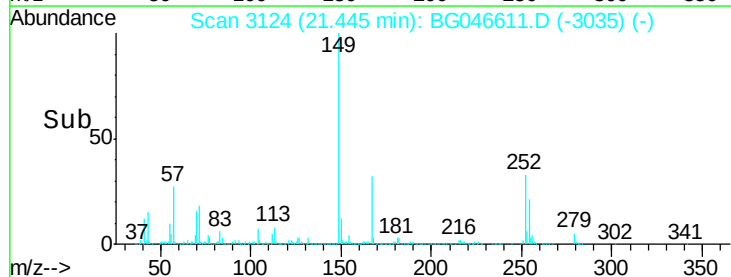
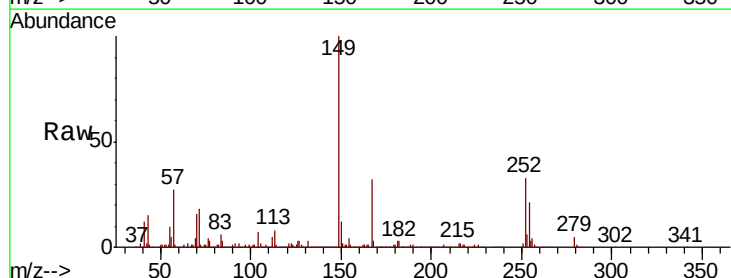
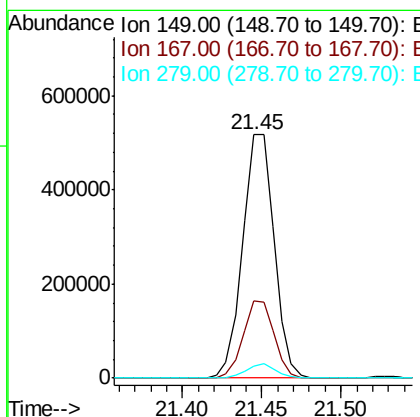
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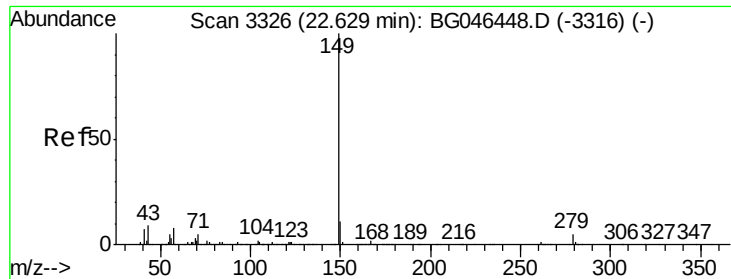
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.342 ng
RT: 21.45 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	25.4	38.2
279	5.1	4.5	6.7





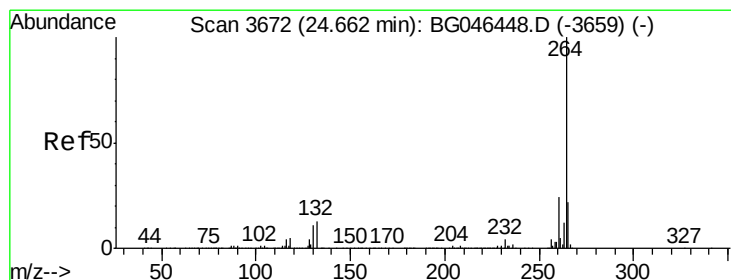
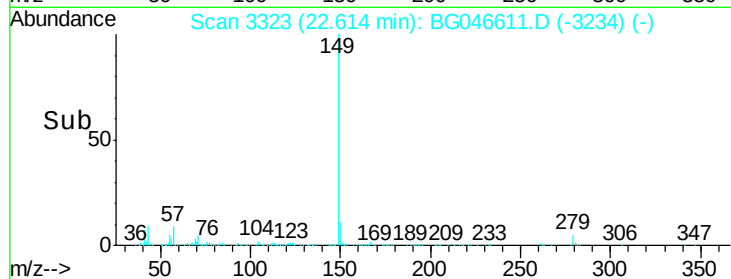
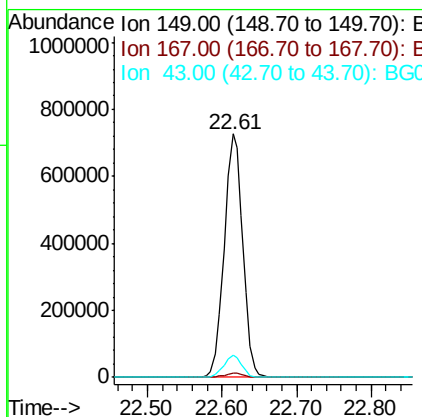
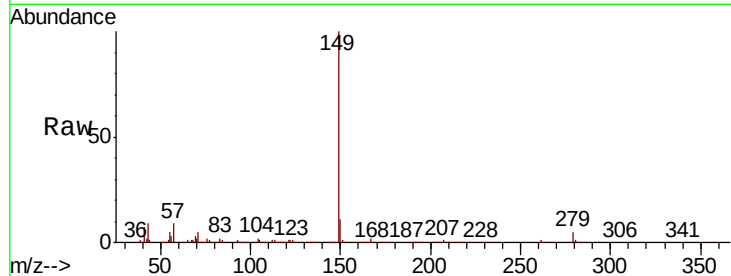
#85
Di-n-octyl phthalate
Concen: 44.483 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.6	7.0	10.4

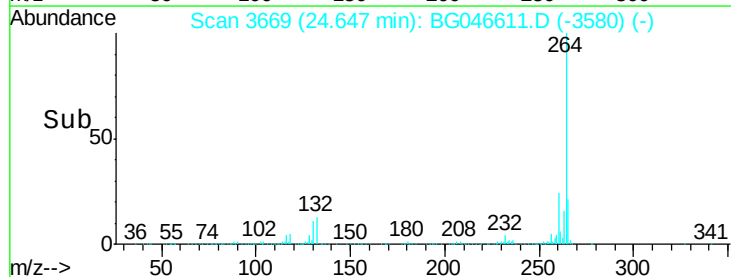
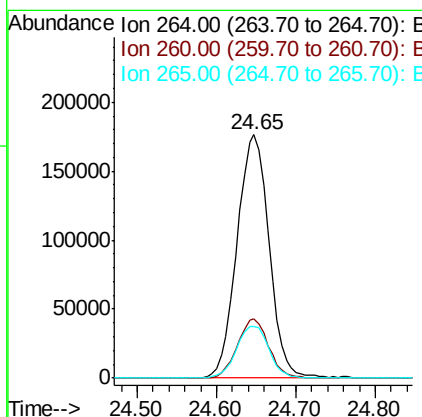
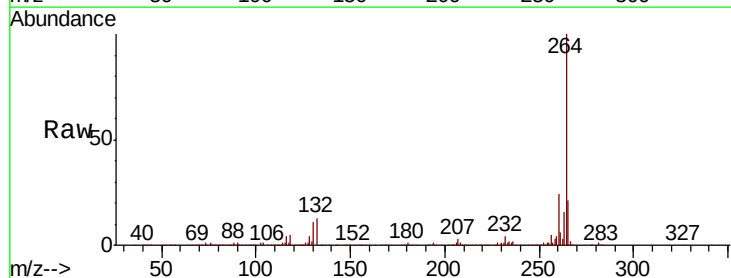
Manual Integrations
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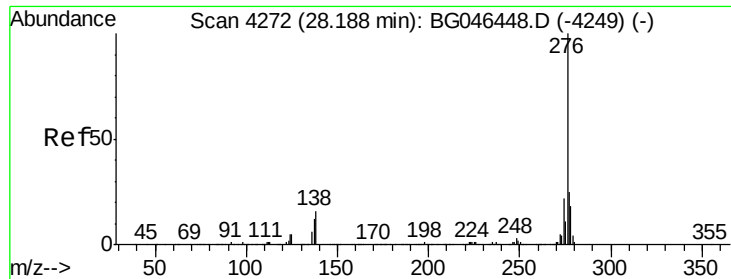
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.9	26.9





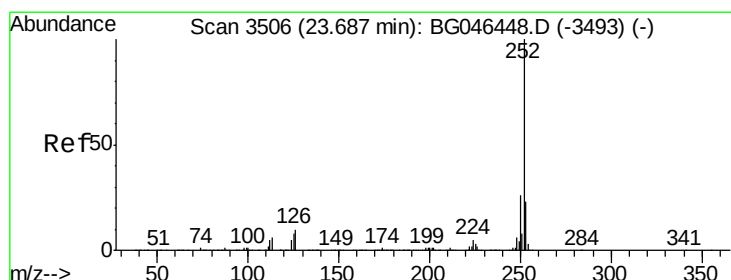
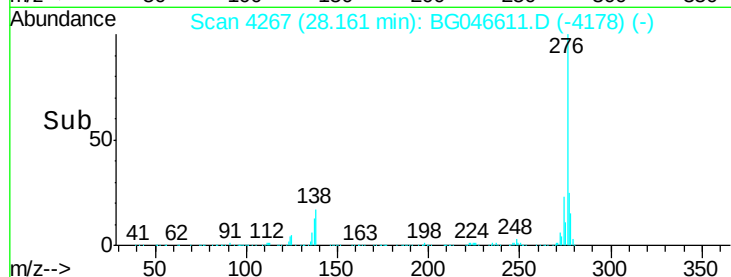
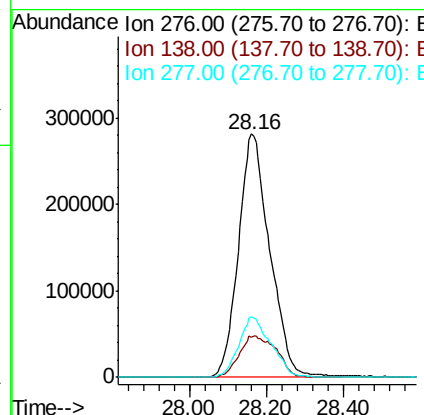
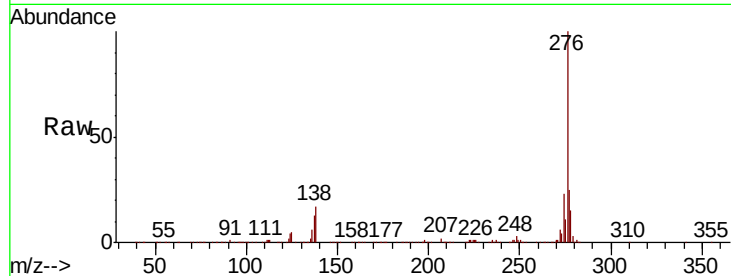
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.662 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	25.5	20.7	31.1

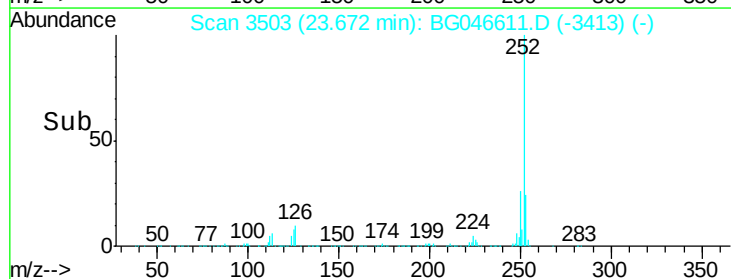
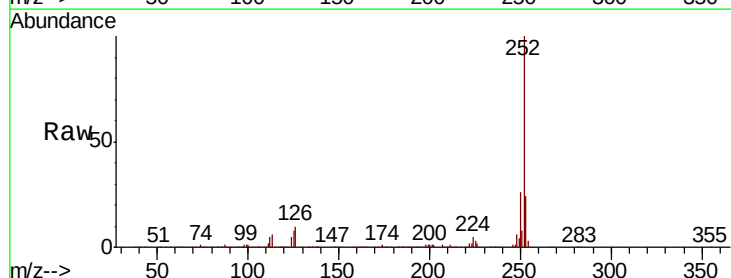
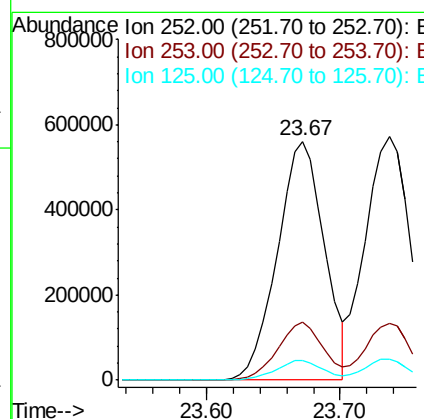
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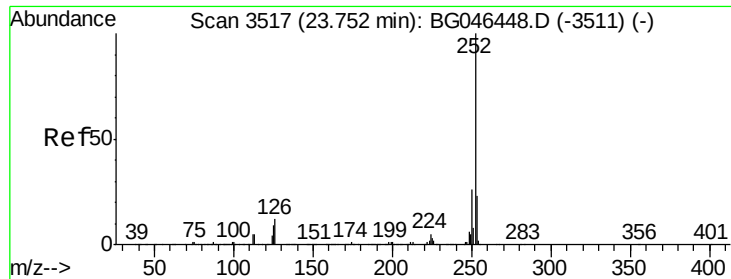
mohammad
 9/15/2020 11:18:24 AM



#88
 Benzo(b)fluoranthene
 Concen: 44.135 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046611.D
 Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	8.1	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 44.615 ng

RT: 23.74 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Instrument :

BNA_G

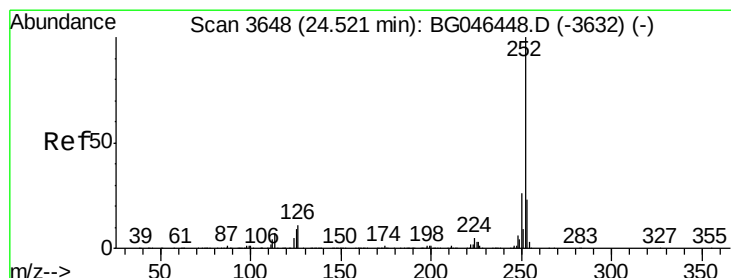
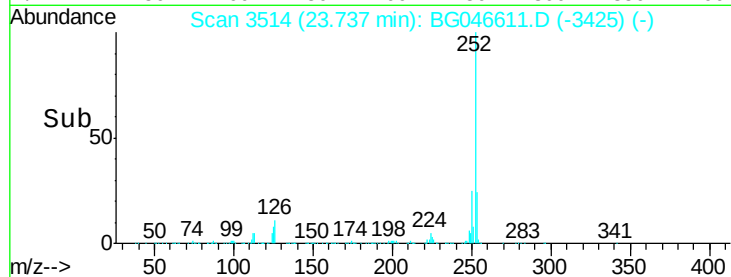
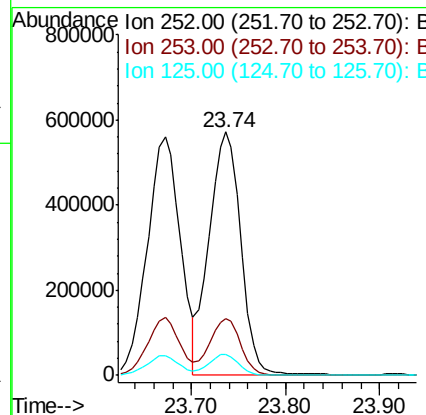
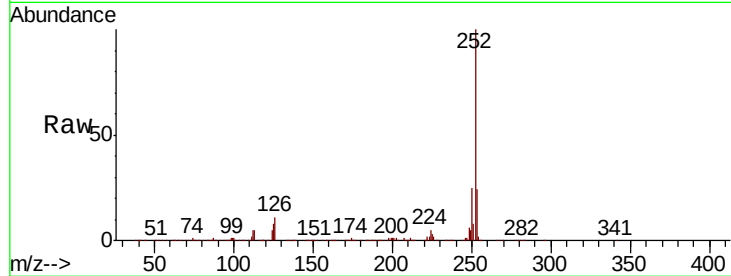
ClientSampleId :

B20-7-9MSD

Tot Ion:	252	Resp:	1338045
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.5	27.7
125	8.5	6.8	10.2

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#90

Benzo(a)pyrene

Concen: 43.353 ng

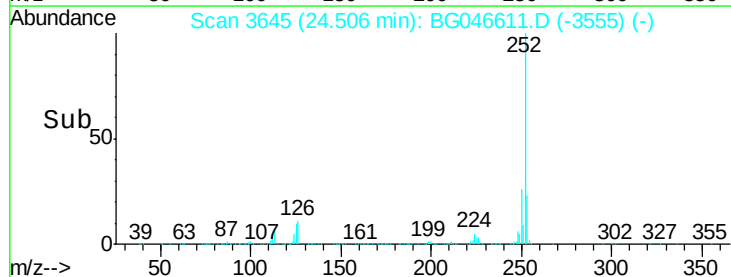
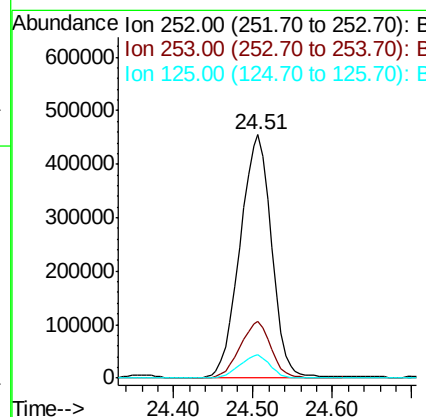
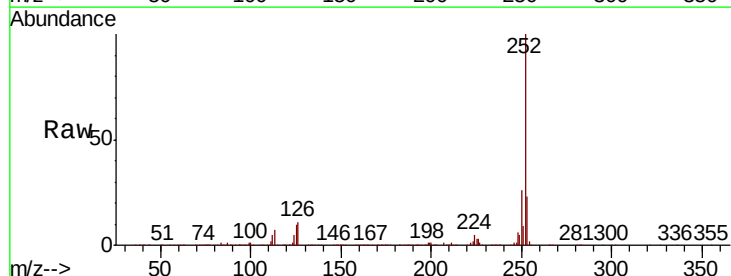
RT: 24.51 min Scan# 3645

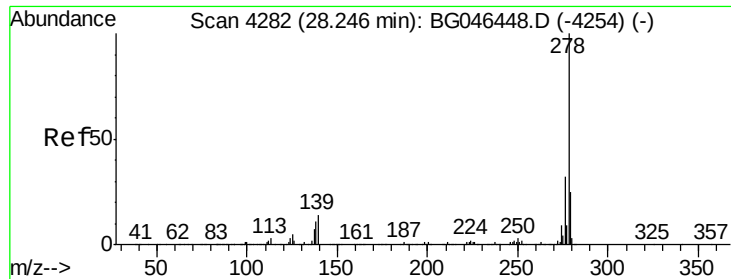
Delta R.T. -0.00 min

Lab File: BG046611.D

Acq: 14 Sep 2020 20:12

Tgt Ion:	252	Resp:	1255493
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	9.6	7.4	11.0





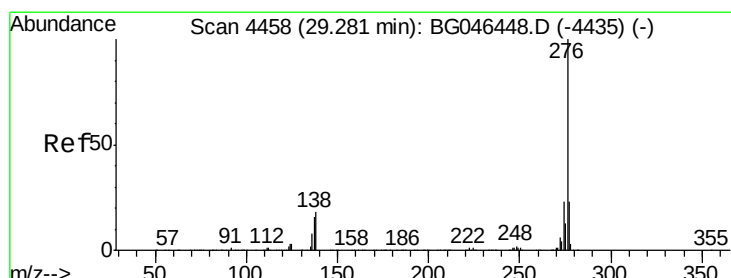
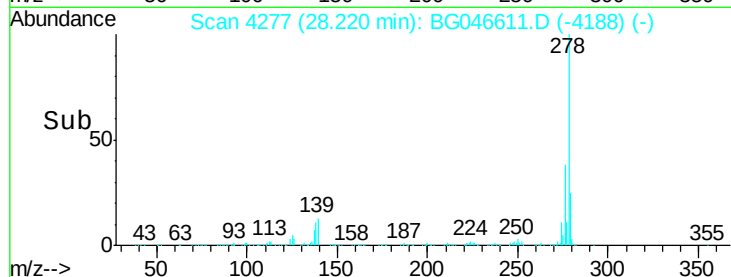
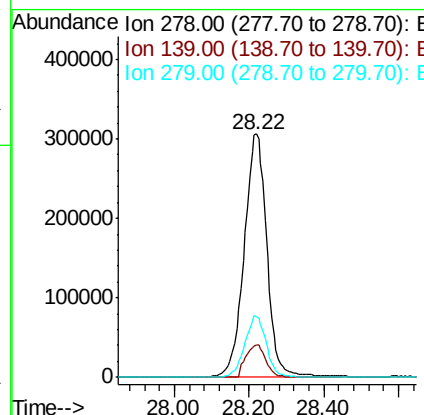
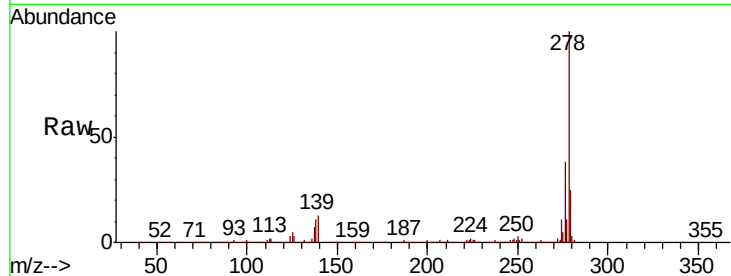
#91
Dibenzo(a,h)anthracene
Concen: 44.868 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Instrument :
BNA_G
ClientSampleId :
B20-7-9MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.2	16.8
279	25.0	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 46.004 ng
RT: 29.25 min Scan# 4453
Delta R.T. -0.02 min
Lab File: BG046611.D
Acq: 14 Sep 2020 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.8	14.7	22.1

