

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046649.D
 Acq On : 16 Sep 2020 20:42
 Operator : CG/JU
 Sample : L3868-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Manual Integrations
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mohammad
 9/18/2020 11:27:34 AM

Quant Time: Sep 17 00:57:59 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 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	67486	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	270618	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	191042	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	442669	20.00	ng	0.00
76) Chrysene-d12	21.55	240	443694	20.00	ng	0.00
86) Perylene-d12	24.64	264	455121	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	457500	120.07	ng	0.00
7) Phenol-d6	7.10	99	561789	104.01	ng	0.00
23) Nitrobenzene-d5	9.08	82	434133	91.69	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	313825	121.24	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1100727	87.96	ng	0.00
79) Terphenyl-d14	19.91	244	1721109	82.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	61091	38.539	ng	# 46
3) Pyridine	3.82	79	160448	34.594	ng	99
4) n-Nitrosodimethylamine	3.73	42	77814	45.490	ng	99
6) Aniline	7.24	93	101168	16.645	ng	97
8) 2-Chlorophenol	7.49	128	204993	50.904	ng	97
9) Benzaldehyde	7.06	77	87107	28.784	ng	95
10) Phenol	7.13	94	217369	43.693	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	188532	47.146	ng	97
12) 1,3-Dichlorobenzene	7.81	146	211961	41.457	ng	97
13) 1,4-Dichlorobenzene	7.96	146	214085	41.825	ng	99
14) 1,2-Dichlorobenzene	8.27	146	212378	43.272	ng	98
15) Benzyl Alcohol	8.16	79	180142	51.947	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	283027	45.629	ng	98
17) 2-Methylphenol	8.37	107	175617	49.775	ng	99
18) Hexachloroethane	9.00	117	71423	41.154	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	155834	48.232	ng	99
20) 3+4-Methylphenols	8.70	107	240085	49.300	ng	100
22) Acetophenone	8.74	105	302215	45.878	ng	98
24) Nitrobenzene	9.12	77	226529	48.427	ng	97
25) Isophorone	9.64	82	430435	49.586	ng	99
26) 2-Nitrophenol	9.83	139	122604	49.678	ng	98
27) 2,4-Dimethylphenol	9.90	122	197171	58.086	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	263069	47.084	ng	99
29) 2,4-Dichlorophenol	10.37	162	231368	51.130	ng	97
30) 1,2,4-Trichlorobenzene	10.58	180	237857	44.302	ng	99
31) Naphthalene	10.77	128	618895	46.839	ng	99
32) Benzoic acid	10.06	122	52027	25.806	ng	97
33) 4-Chloroaniline	10.89	127	29351	5.038	ng	# 96
34) Hexachlorobutadiene	11.06	225	146241	41.959	ng	96
35) Caprolactam	11.65	113	58773m	34.746	ng	
36) 4-Chloro-3-methylphenol	12.01	107	230262	52.027	ng	99
37) 2-Methylnaphthalene	12.37	142	500544	48.032	ng	99
38) 1-Methylnaphthalene	12.60	142	474210	48.040	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	306337	48.626	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	243278	88.809	nq	100
43) 2,4,6-Trichlorophenol	12.99	196	208432	49.027	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	221158	49.512	nq	98
46) 1,1'-Biphenyl	13.38	154	658748	49.561	nq	100
47) 2-Chloronaphthalene	13.43	162	524689	46.558	nq	100
48) 2-Nitroaniline	13.63	65	145690	46.557	nq	98
49) Acenaphthylene	14.28	152	828530	48.467	nq	99
50) Dimethylphthalate	14.01	163	669892	45.324	nq	100
51) 2,6-Dinitrotoluene	14.12	165	156720	48.103	nq	98
52) Acenaphthene	14.62	154	506392	47.803	nq	100
53) 3-Nitroaniline	14.46	138	66015	18.706	nq	93
54) 2,4-Dinitrophenol	14.67	184	126022	66.267	nq	92
55) Dibenzofuran	14.95	168	818282	48.132	nq	99
56) 4-Nitrophenol	14.78	139	215389	82.929	nq	97
57) 2,4-Dinitrotoluene	14.92	165	222485	47.892	nq	97
58) Fluorene	15.60	166	680810	47.714	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	205874	47.463	nq	98
60) Diethylphthalate	15.38	149	658249	45.679	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	362826	46.171	nq	99
62) 4-Nitroaniline	15.62	138	147647	39.650	nq	99
63) Azobenzene	15.89	77	573123	48.893	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	118931	47.467	nq	98
66) n-Nitrosodiphenylamine	15.81	169	608744	50.974	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	254821	49.341	nq	100
68) Hexachlorobenzene	16.62	284	271190	47.414	nq	100
69) Atrazine	16.76	200	191463	39.300	nq	99
70) Pentachlorophenol	16.96	266	274452	91.840	nq	98
71) Phenanthrene	17.34	178	1095092	48.806	nq	99
72) Anthracene	17.43	178	1113137	50.283	nq	99
73) Carbazole	17.70	167	1025231	49.051	nq	98
74) Di-n-butylphthalate	18.26	149	1128242	46.943	nq	99
75) Fluoranthene	19.35	202	1356934	46.994	nq	98
77) Benzidine	19.53	184	110213	10.690	nq	96
78) Pyrene	19.71	202	1362655	48.229	nq	98
80) Butylbenzylphthalate	20.60	149	524606	47.602	nq	97
81) Benzo(a)anthracene	21.53	228	1310133	47.374	nq	98
82) 3,3'-Dichlorobenzidine	21.44	252	213747	20.827	nq	99
83) Chrysene	21.59	228	1273409	47.869	nq	97
84) Bis(2-ethylhexyl)phthalate	21.45	149	742262	49.354	nq	99
85) Di-n-octyl phthalate	22.61	149	1281192	49.751	nq	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1619672	49.550	nq	99
88) Benzo(b)fluoranthene	23.67	252	1374004	48.349	nq	99
89) Benzo(k)fluoranthene	23.73	252	1341246	48.835	nq	99
90) Benzo(a)pyrene	24.50	252	1255760	47.351	nq	99
91) Dibenzo(a,h)anthracene	28.21	278	1321492	50.098	nq	99
92) Benzo(g,h,i)perylene	29.25	276	1355909	51.476	nq	98

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

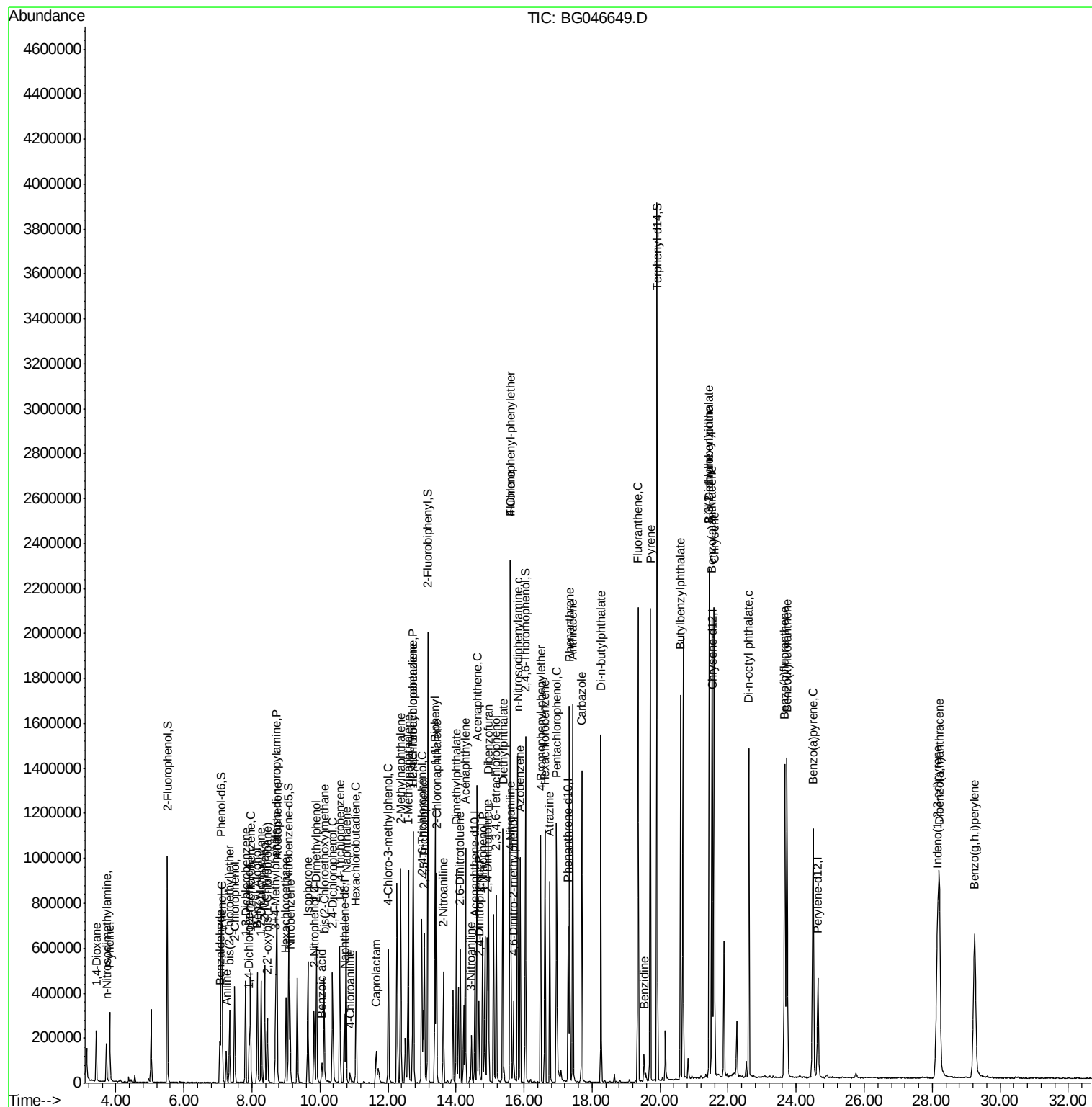
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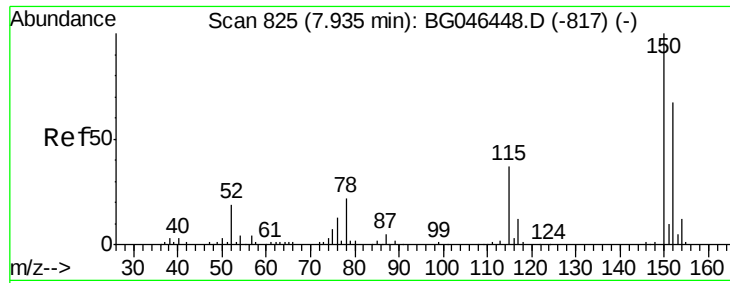
Instrument :
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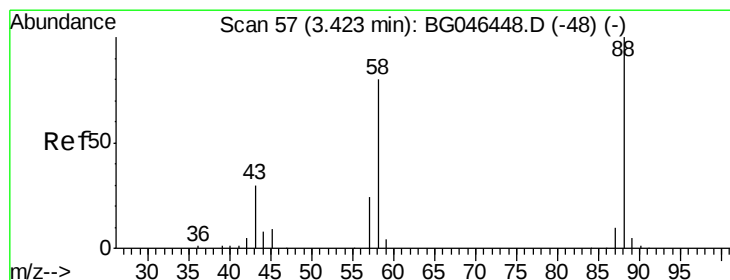
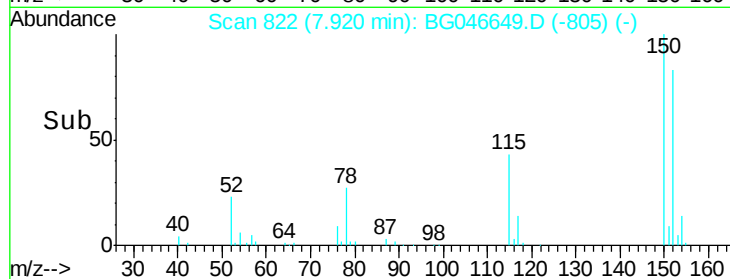
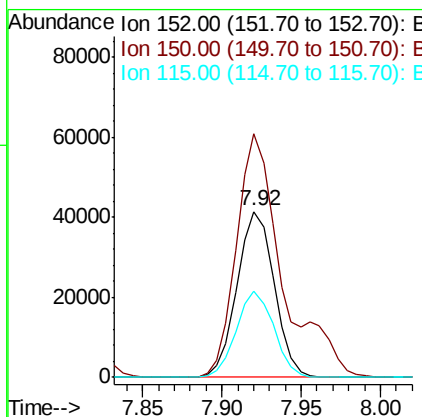
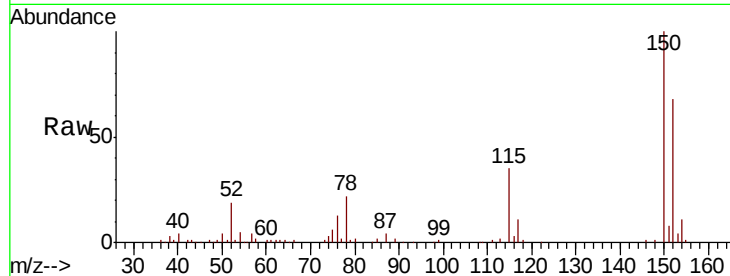
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	125.0	187.6
115	51.8	41.8	62.6

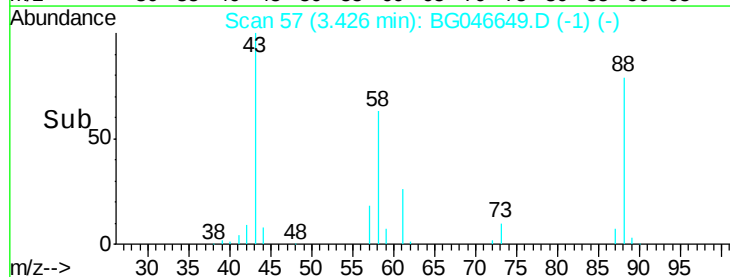
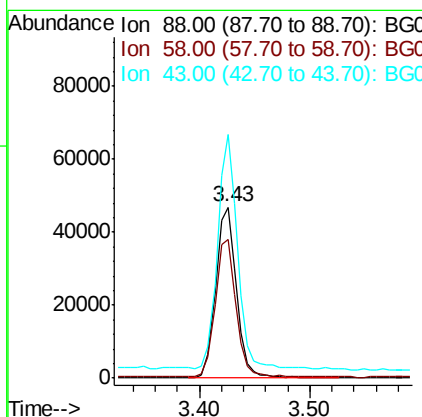
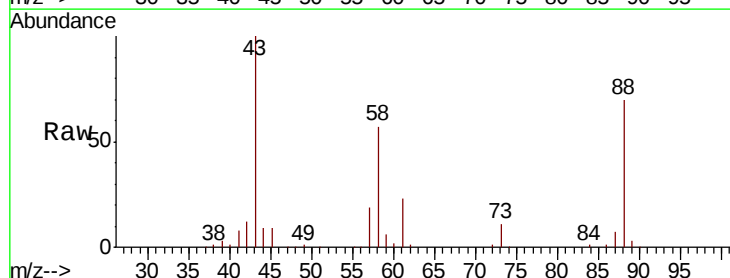
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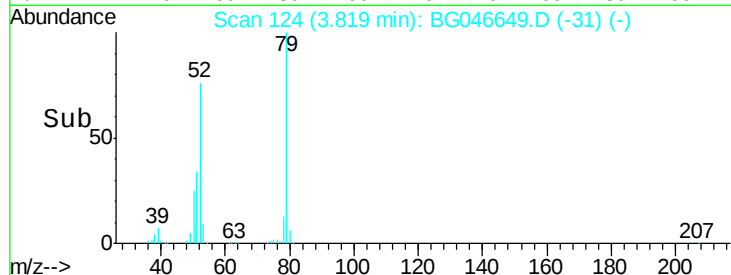
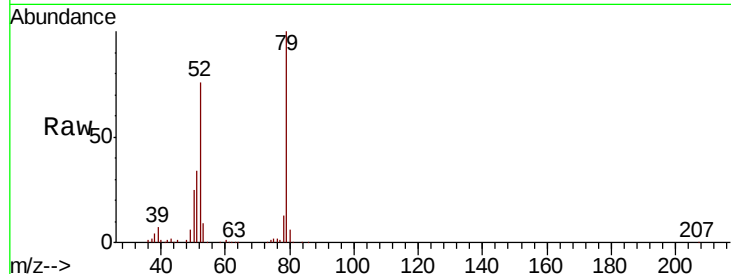
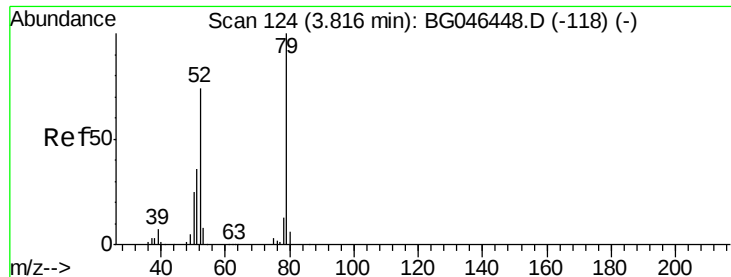
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#2
 1,4-Dioxane
 Concen: 38.539 ng
 RT: 3.43 min Scan# 57
 Delta R.T. 0.01 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	61.6	92.4
43	131.3	21.3	31.9#





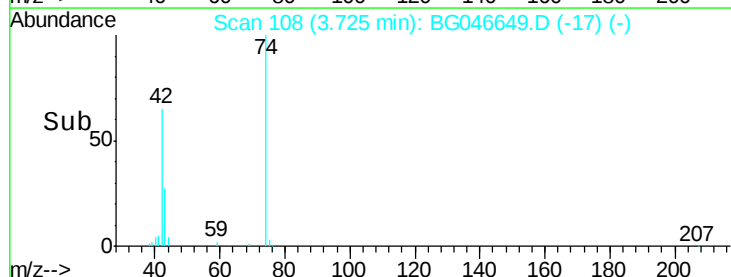
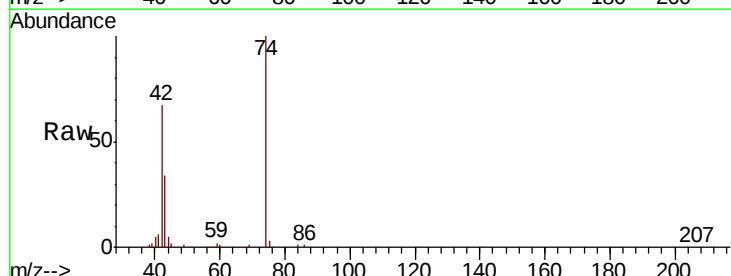
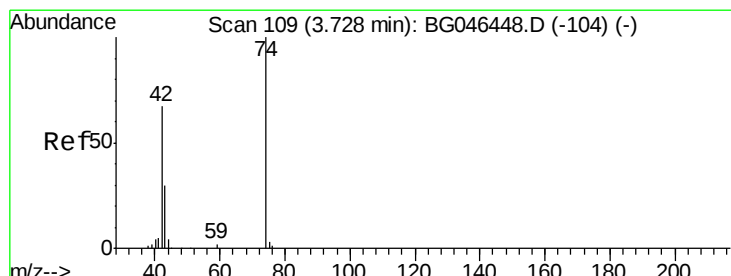
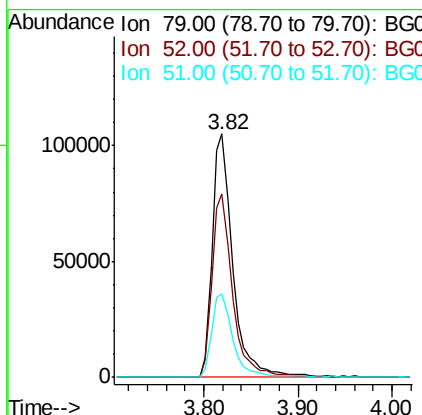
#3
 Pvridine
 Concen: 34.594 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.01 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.5	61.3	91.9
51	34.5	28.4	42.6

Instrument :
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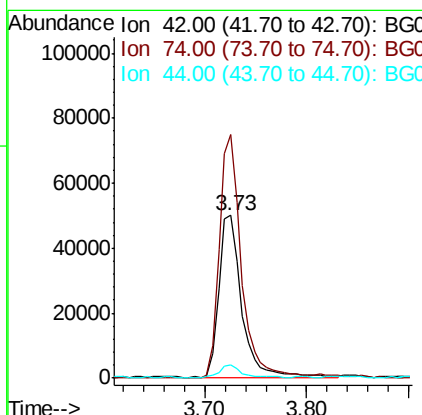
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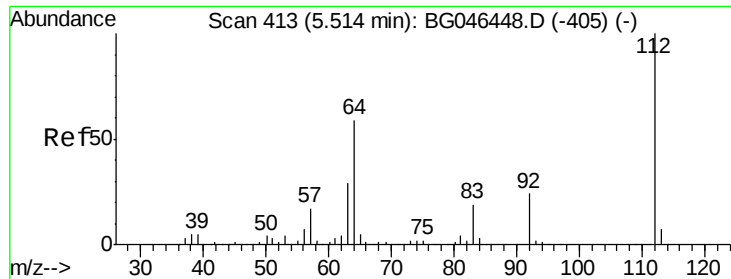
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#4
 n-Nitrosodimethylamine
 Concen: 45.490 ng
 RT: 3.73 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.4	120.4	180.6
44	7.9	6.2	9.2





#5

2-Fluorophenol

Concen: 120.072 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.01 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

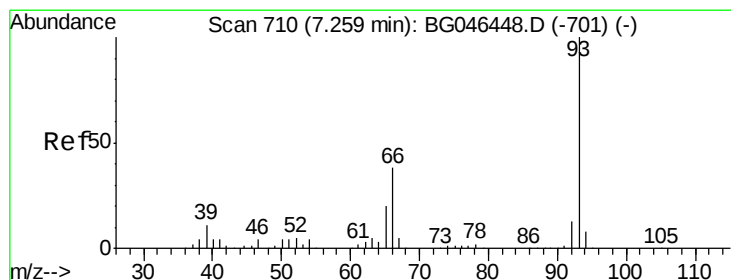
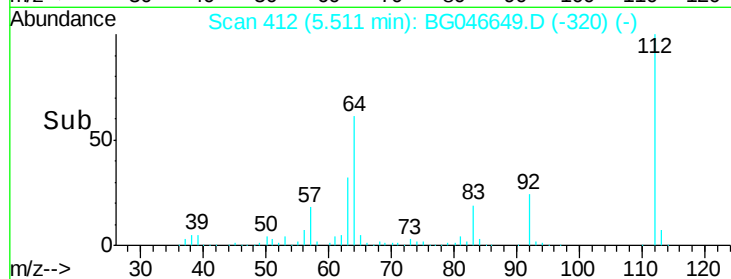
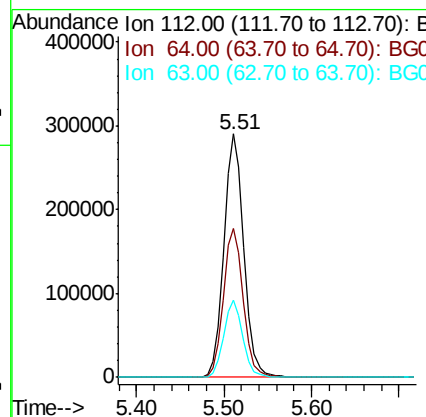
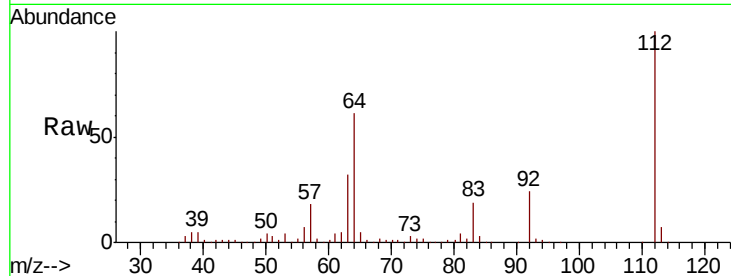
ClientSampleId :

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Tot Ion:	112	Resp:	457500
Ion Ratio	Lower	Upper	
112	100		
64	61.1	46.7	70.1
63	31.6	22.8	34.2

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#6

Aniline

Concen: 16.645 ng

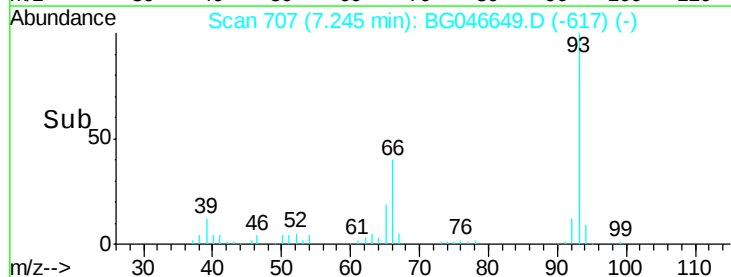
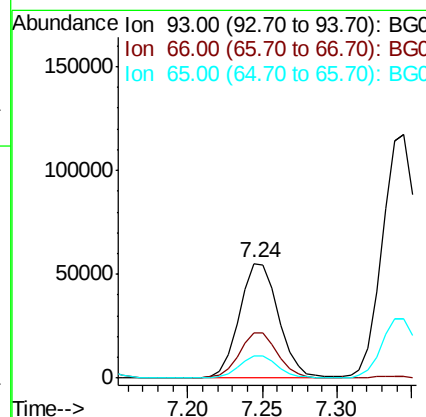
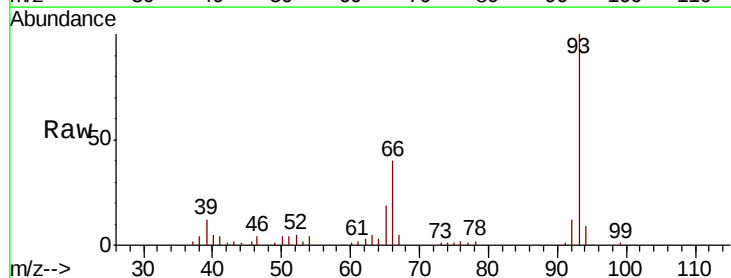
RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	93	Resp:	101168
Ion Ratio	Lower	Upper	
93	100		
66	40.0	29.5	44.3
65	19.4	15.5	23.3





#7

Phenol-d6

Concen: 104.008 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

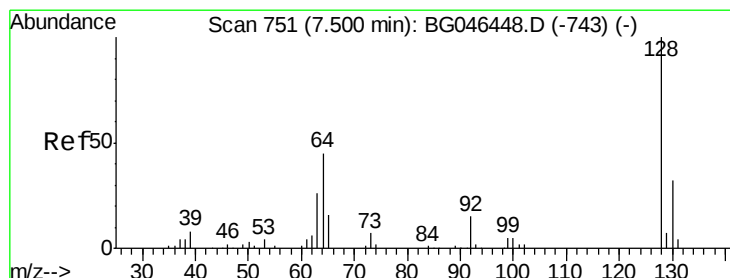
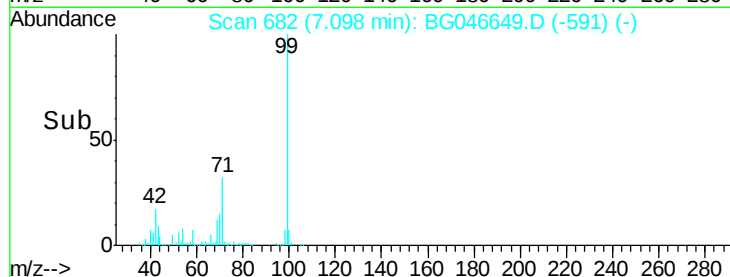
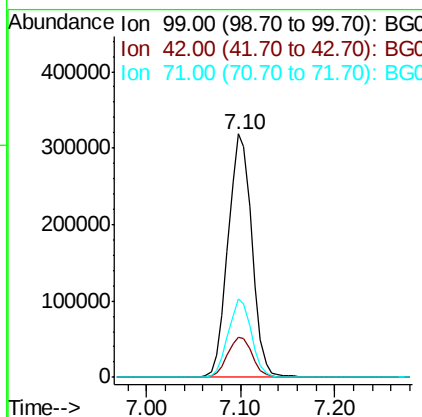
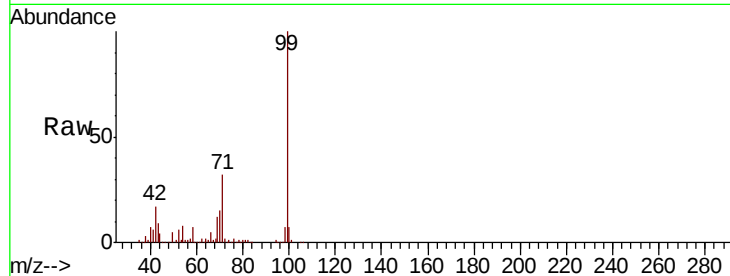
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Tot Ion:	99	Resp:	561789
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.8	19.2
71	32.4	24.6	36.8

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#8

2-Chlorophenol

Concen: 50.904 ng

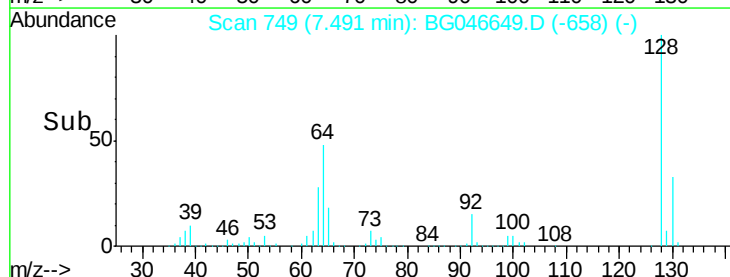
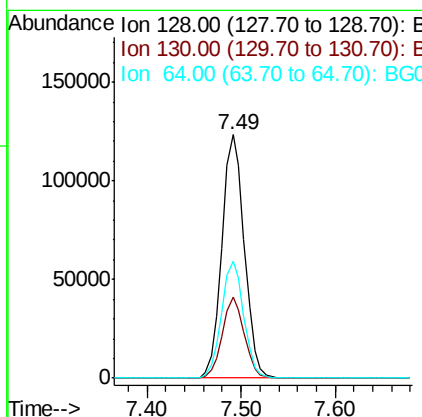
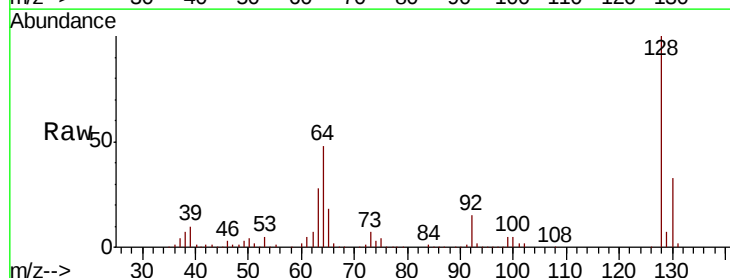
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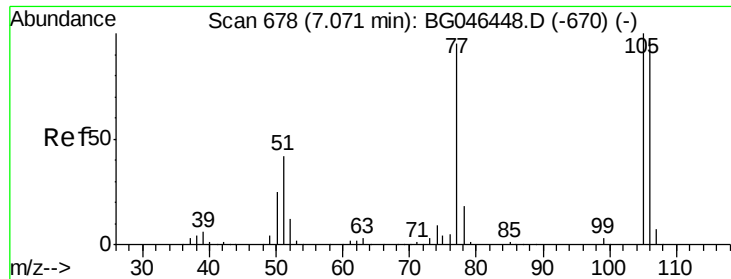
Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	128	Resp:	204993
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.6	52.6
64	48.0	24.8	64.8





#9

Benzaldehyde

Concen: 28.784 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG046649.D

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Instrument :

BNA_G

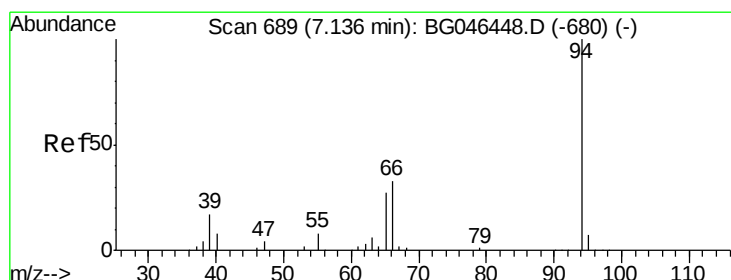
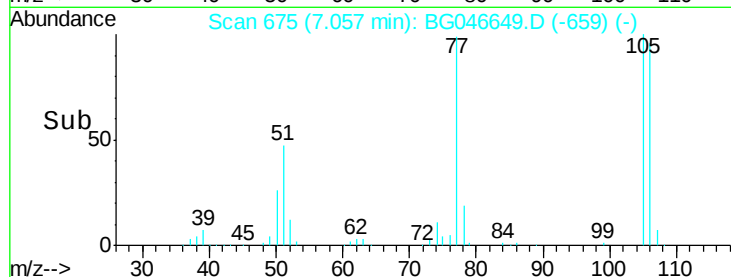
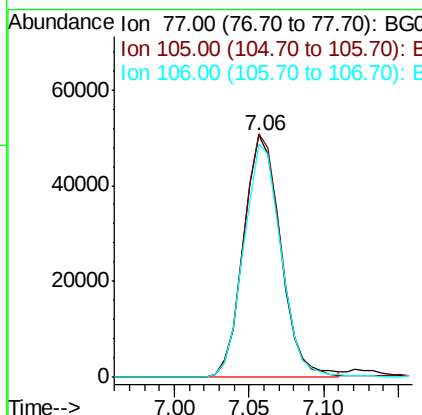
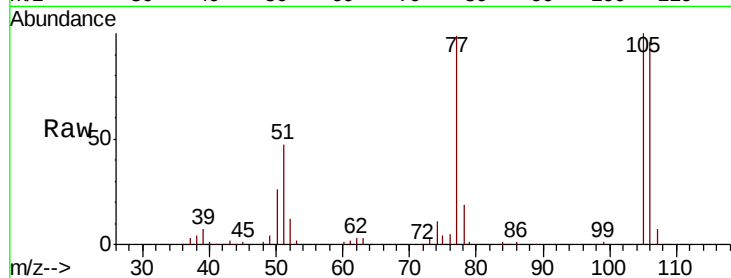
ClientSampleId :

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Tot Ion:	77	Resp:	87107
Ion	Ratio	Lower	Upper
77	100		
105	100.6	85.9	125.9
106	96.2	80.9	120.9

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#10

Phenol

Concen: 43.693 ng

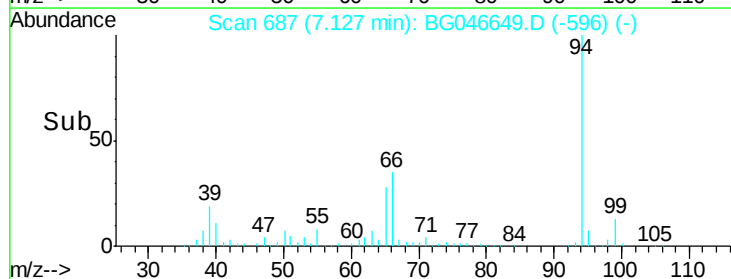
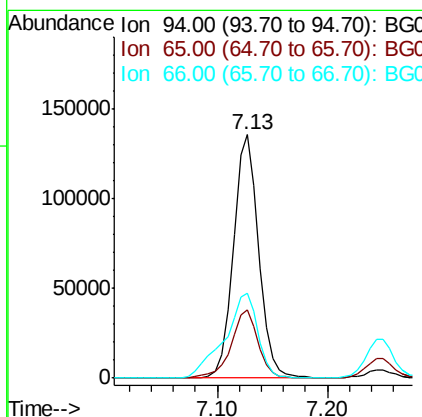
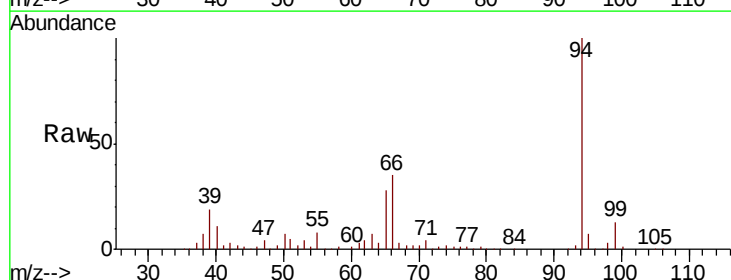
RT: 7.13 min Scan# 687

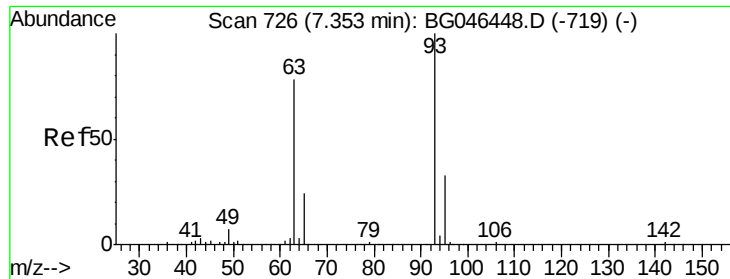
Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	94	Resp:	217369
Ion	Ratio	Lower	Upper
94	100		
65	27.8	6.6	46.6
66	34.7	13.9	53.9





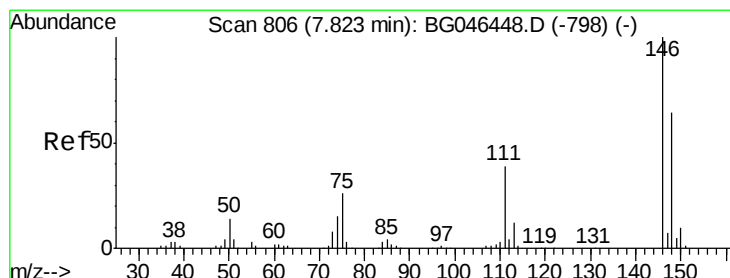
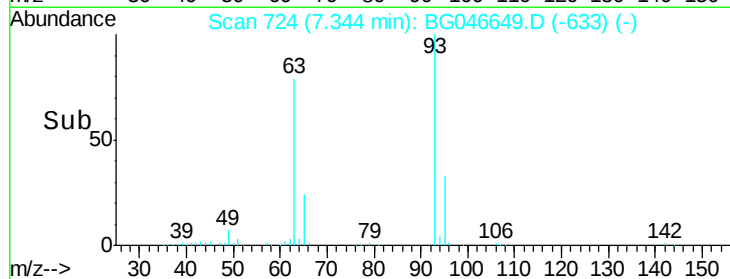
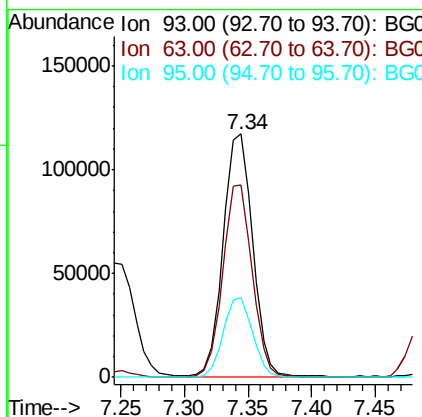
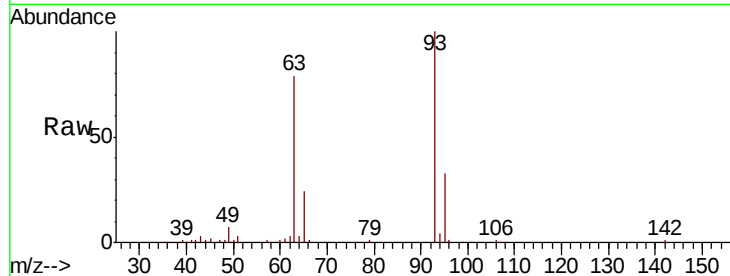
#11
bis(2-Chloroethyl)ether
Concen: 47.146 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		188532		
63	79.1	56.4	96.4		
95	32.9	13.8	53.8		

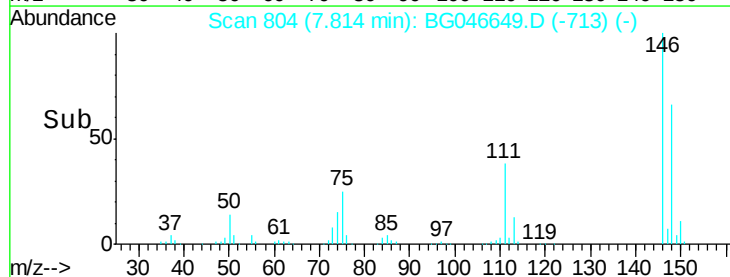
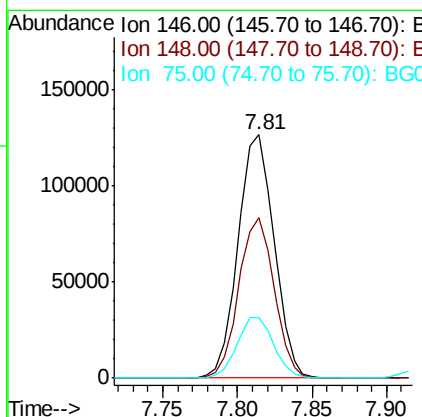
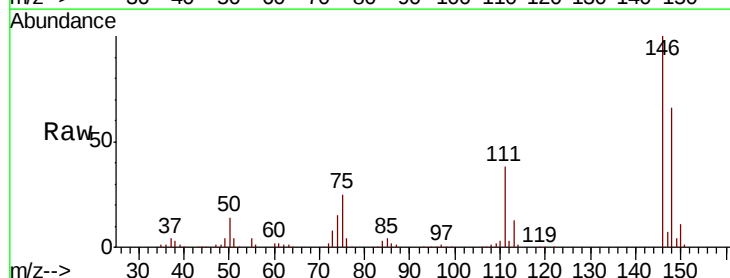
Manual Integrations
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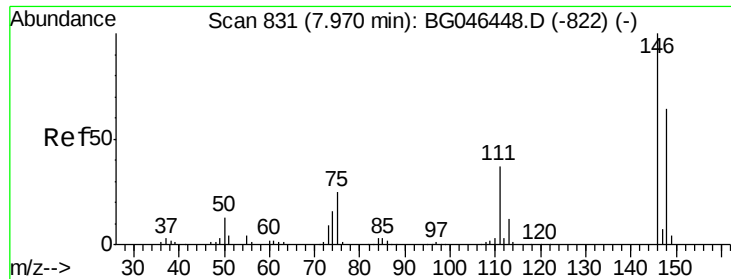
mohammad
9/18/2020 11:27:34 AM



#12
1,3-Dichlorobenzene
Concen: 41.457 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		211961		
148	65.9	50.1	75.1		
75	24.6	20.1	30.1		





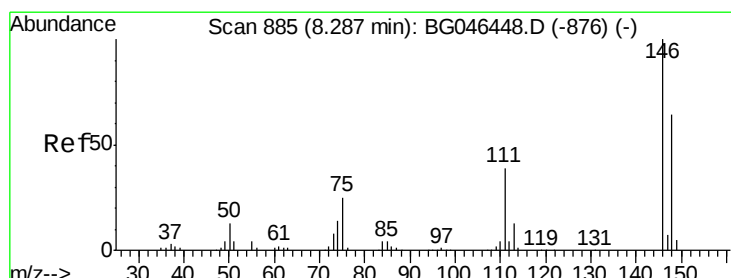
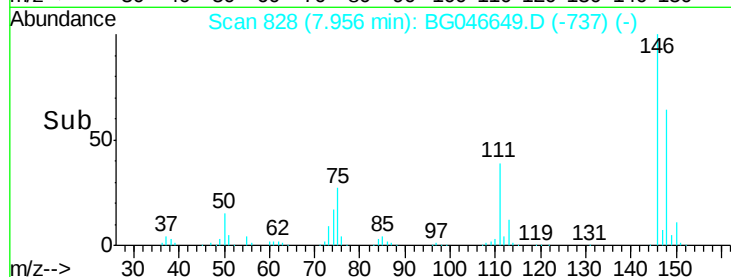
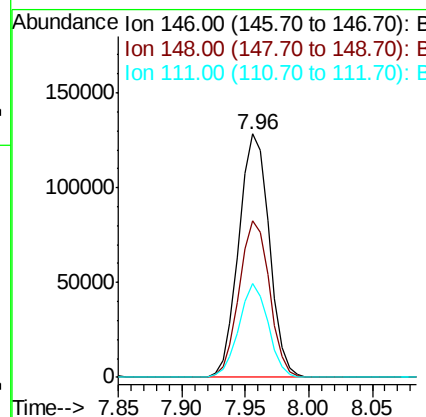
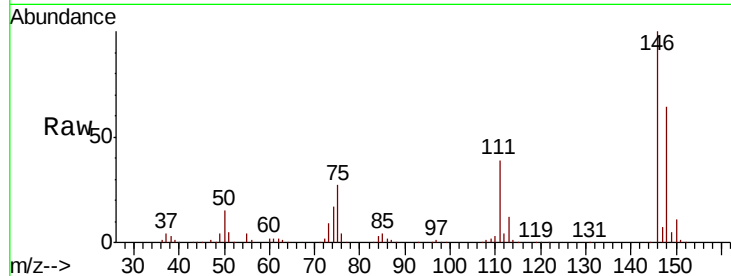
#13
1,4-Dichlorobenzene
Concen: 41.825 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	38.7	29.7	44.5

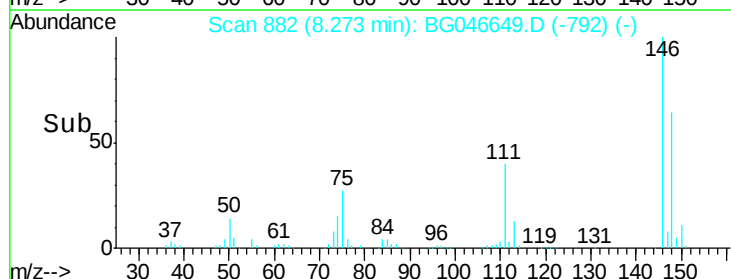
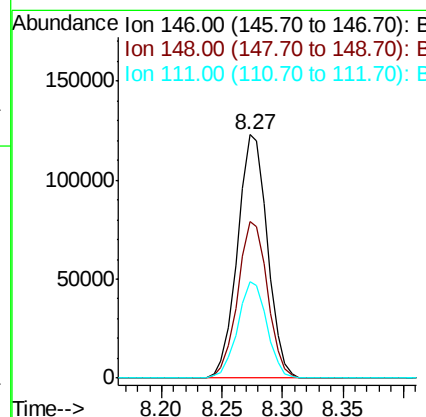
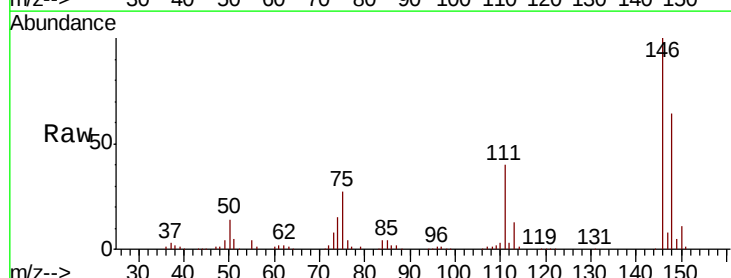
Manual Integrations
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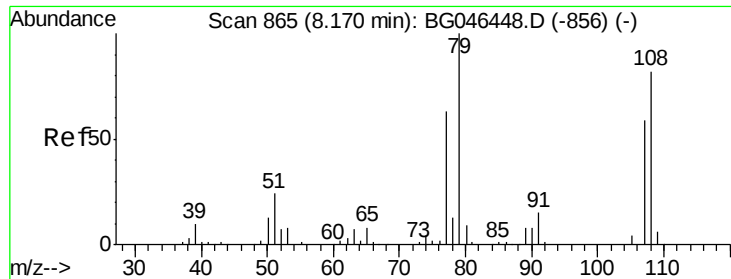
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.272 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.0	79.6
111	39.7	30.7	46.1





#15

Benzyl Alcohol

Concen: 51.947 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

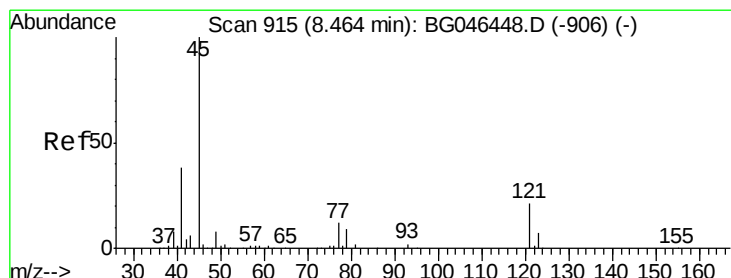
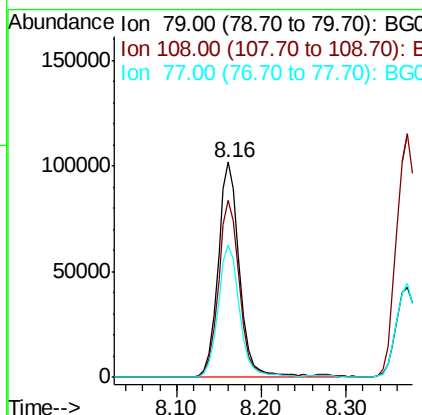
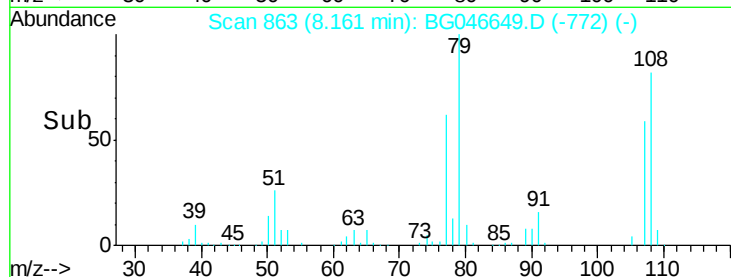
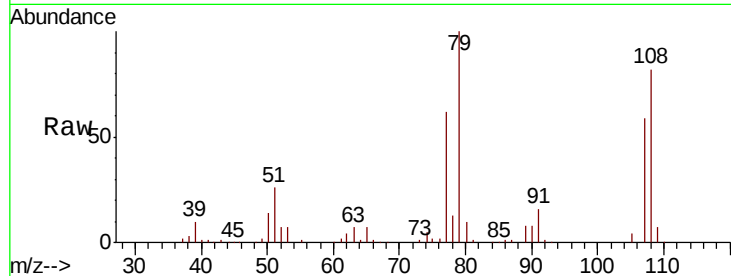
ClientSampleId :

PL-02-091520MS

Tot Ion:	79	Resp:	180142
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.5	98.3
77	61.6	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.629 ng

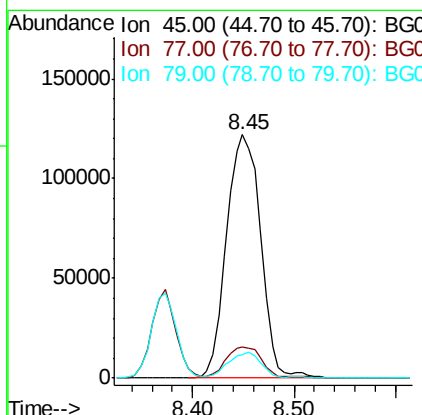
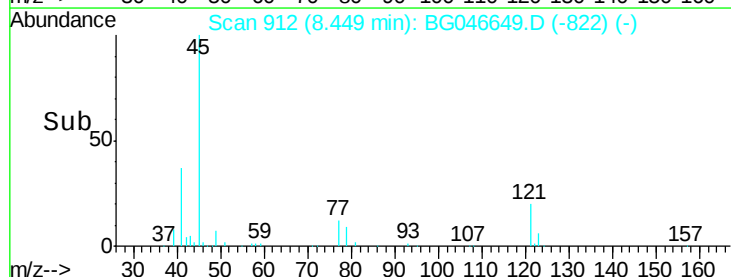
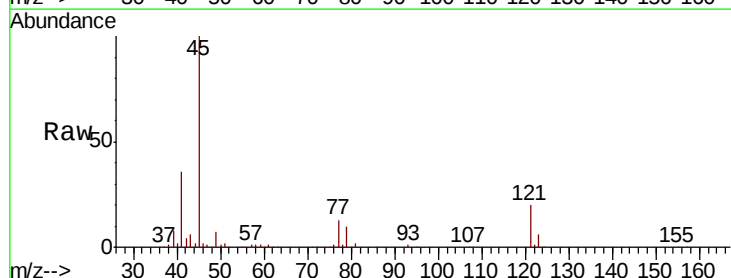
RT: 8.45 min Scan# 912

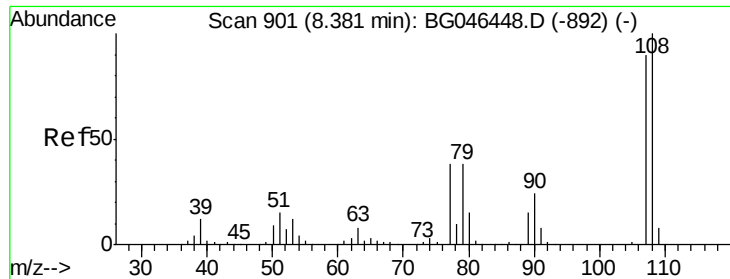
Delta R.T. -0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	45	Resp:	283027
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	33.4
79	9.8	0.0	30.8





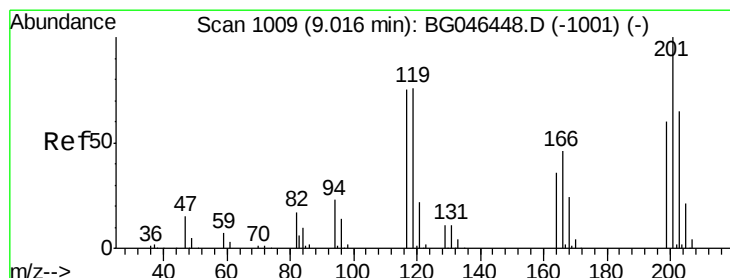
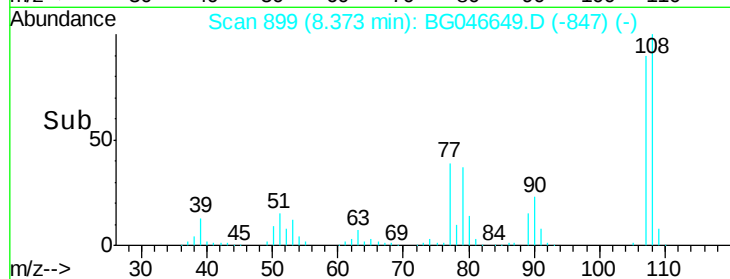
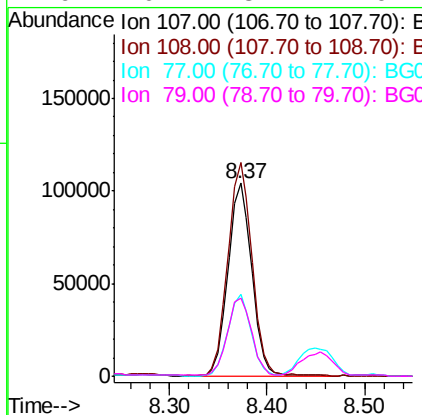
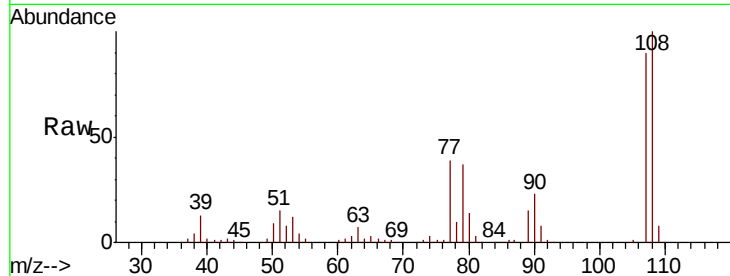
#17
2-Methylphenol
Concen: 49.775 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion:	107	Resp:	175617
Ion Ratio	Lower	Upper	
107	100		
108	110.6	87.2	130.8
77	42.7	33.8	50.8
79	40.7	32.7	49.1

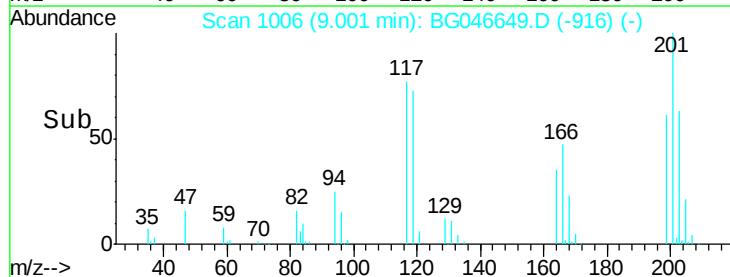
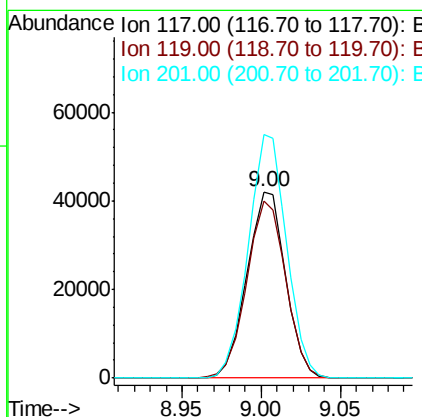
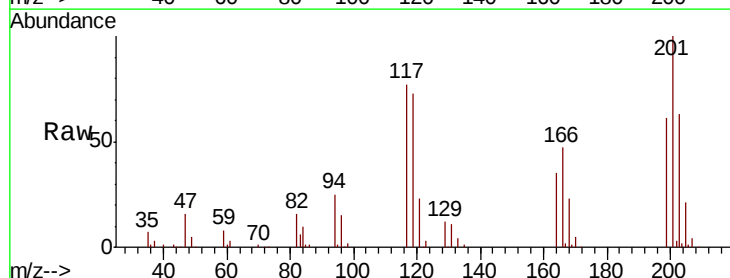
Manual Integrations
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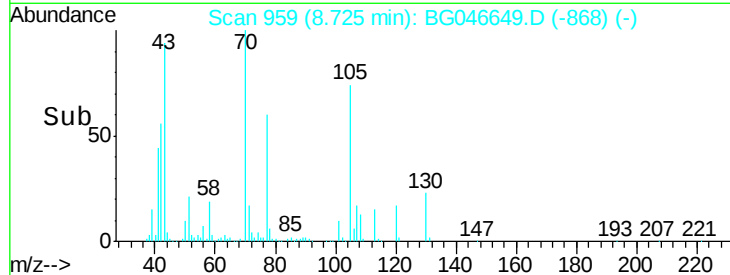
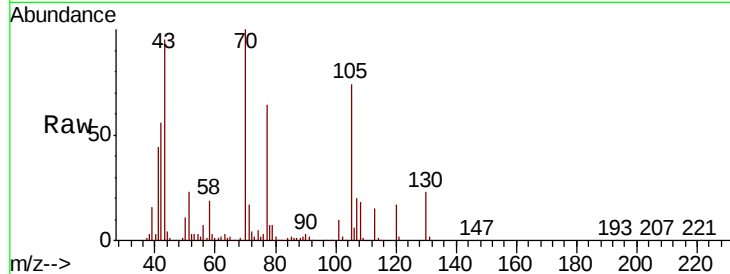
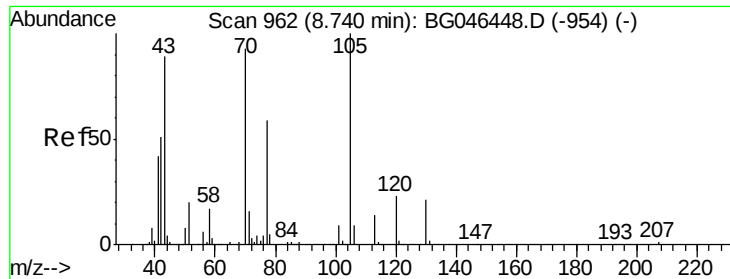
mohammad
9/18/2020 11:27:34 AM



#18
Hexachloroethane
Concen: 41.154 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion:	117	Resp:	71423
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.5	116.3
201	130.6	104.9	157.3





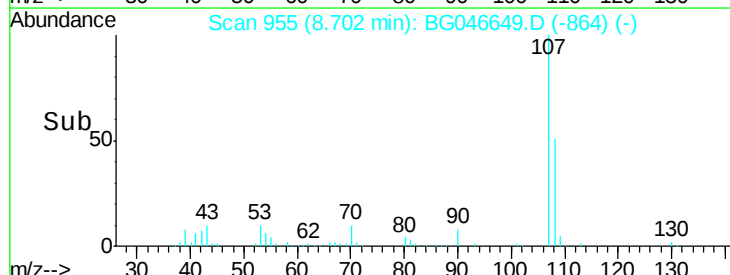
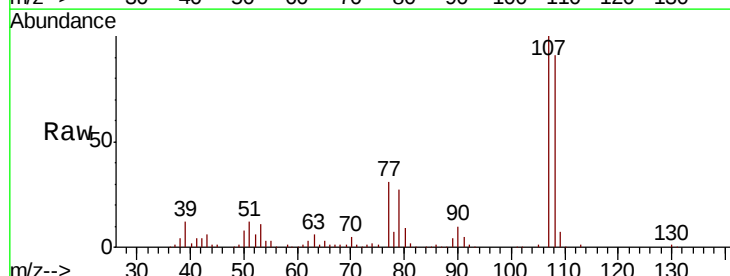
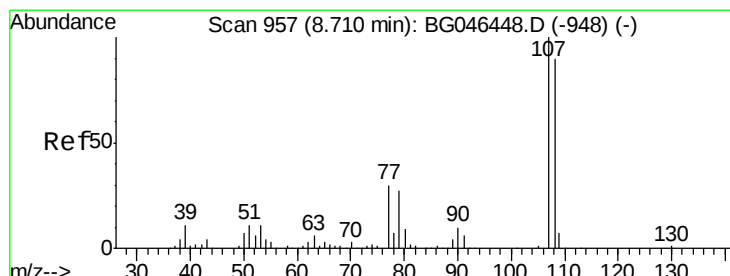
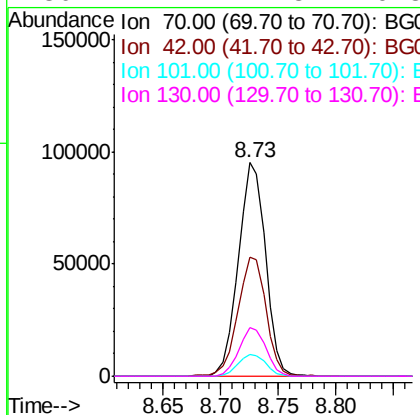
#19
n-Nitroso-di-n-propylamine
Concen: 48.232 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	45.6	68.4
101	10.1	8.4	12.6
130	22.7	17.8	26.8

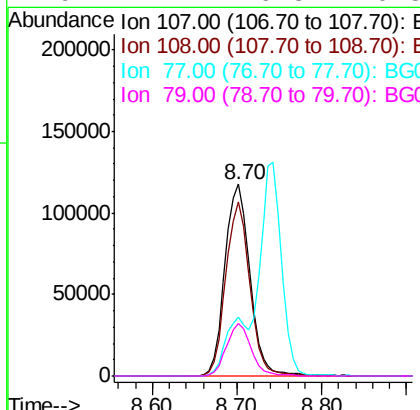
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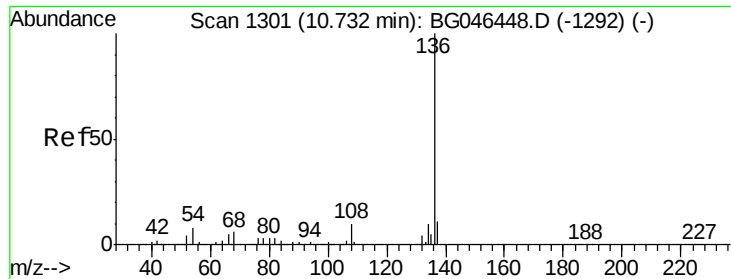
mohammad
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#20
3+4-Methylphenols
Concen: 49.300 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.6	110.6
77	30.7	10.2	50.2
79	27.1	6.8	46.8





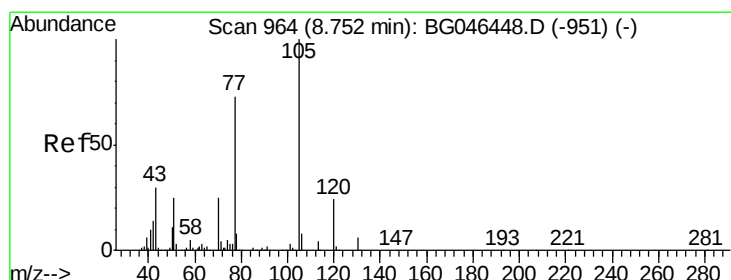
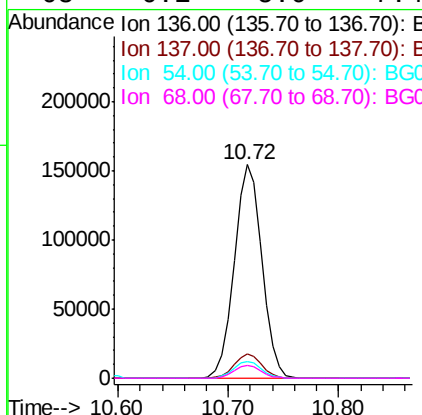
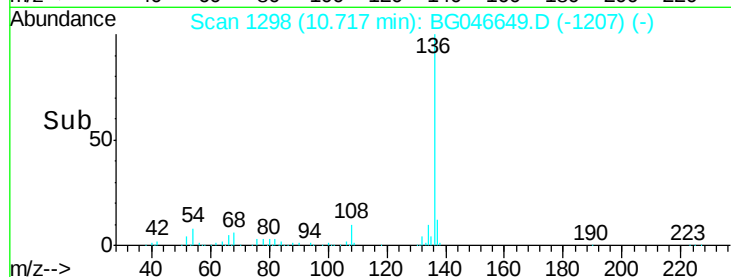
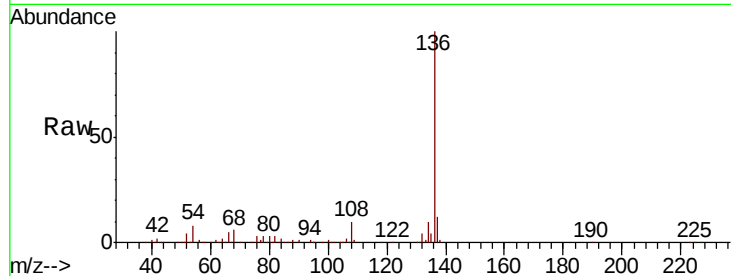
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	270618		
137	11.5	9.1	13.7	
54	7.7	6.2	9.4	
68	6.1	5.0	7.4	

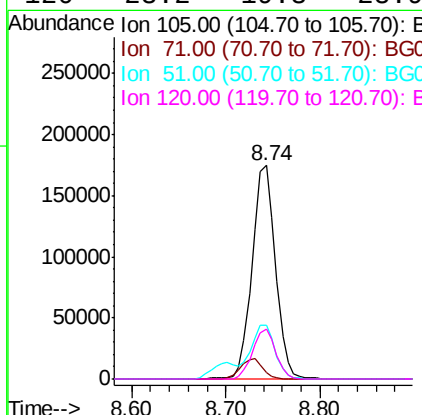
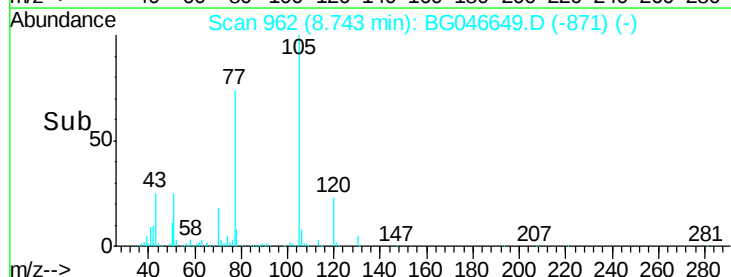
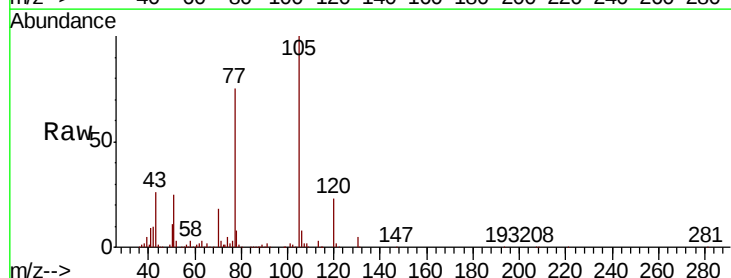
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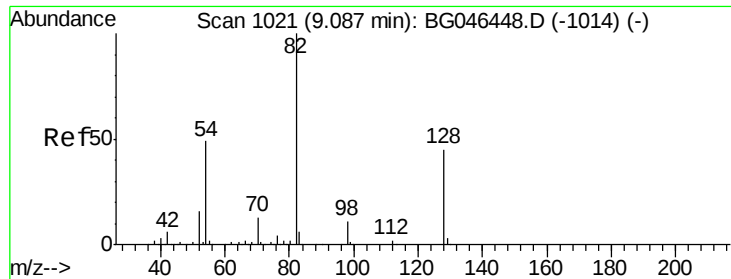
mohammad
9/18/2020 11:27:34 AM



#22
Acetophenone
Concen: 45.878 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302215		
71	3.1	2.7	4.1	
51	25.5	21.0	31.6	
120	23.2	19.3	28.9	





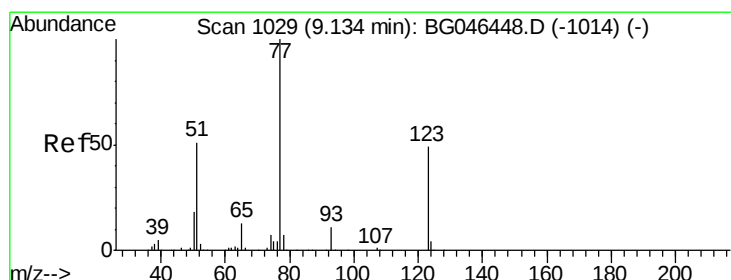
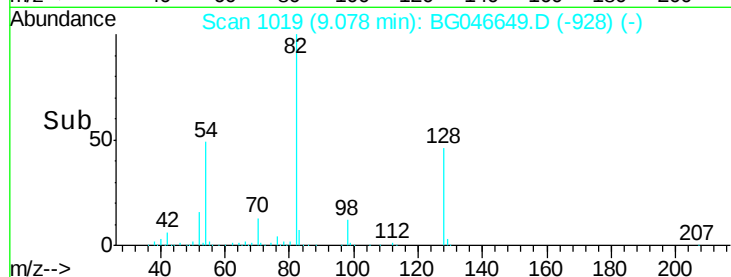
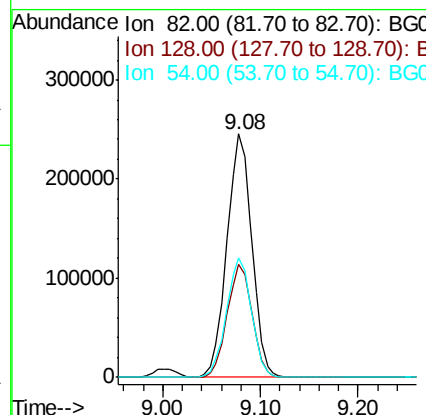
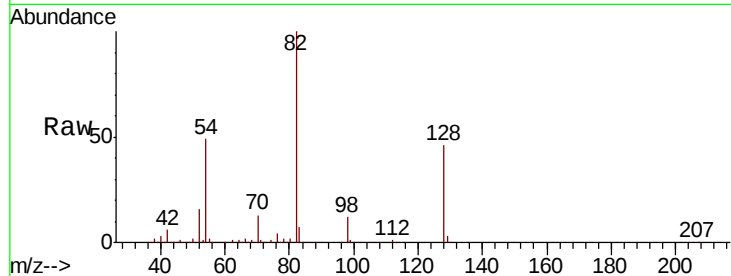
#23
Nitrobenzene-d5
Concen: 91.690 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	49.1	39.0	58.4

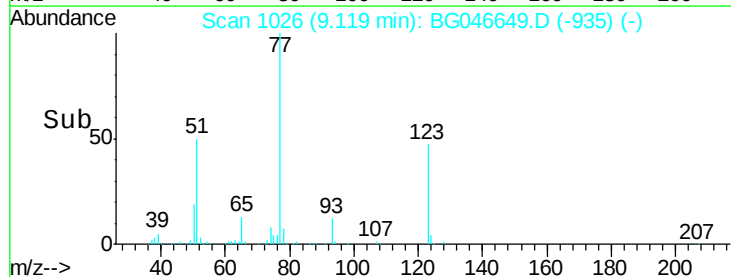
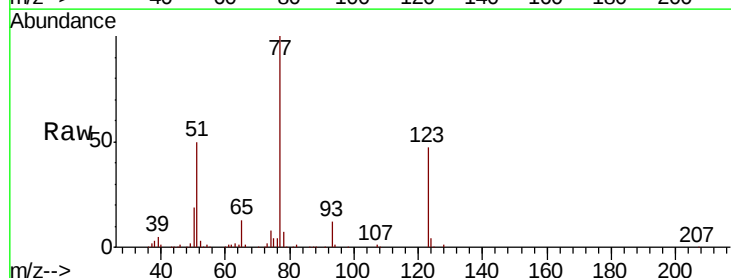
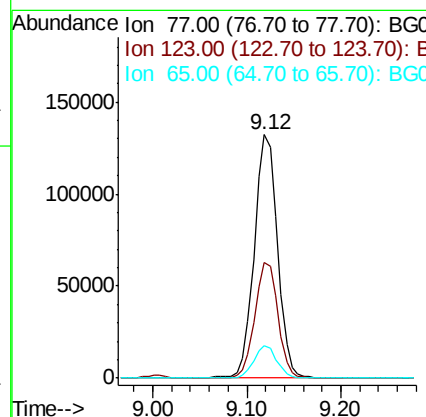
Manual Integrations
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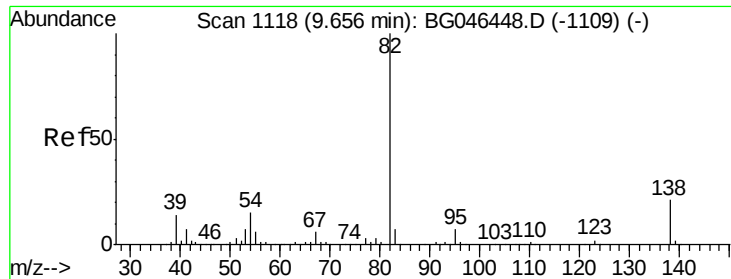
mohammad
9/18/2020 11:27:34 AM



#24
Nitrobenzene
Concen: 48.427 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	39.7	59.5
65	13.1	10.4	15.6





#25

Isophorone

Concen: 49.586 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

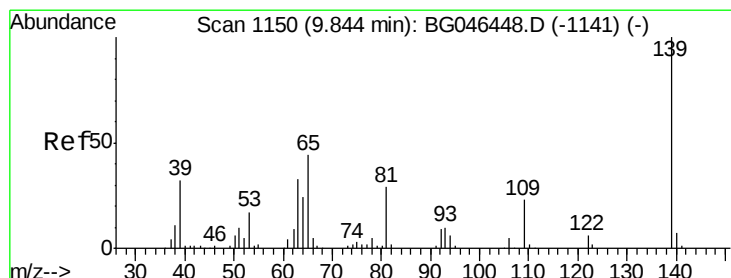
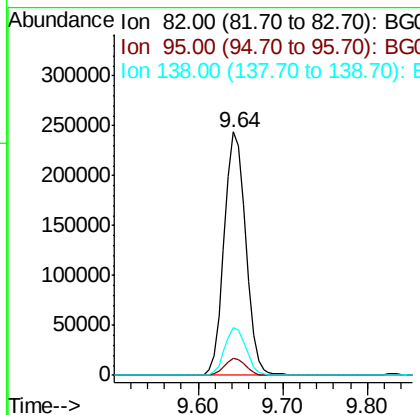
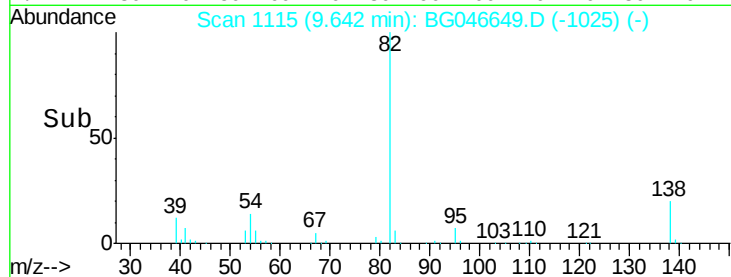
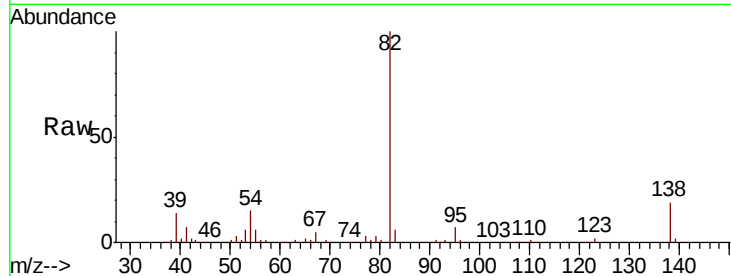
ClientSampleId :

PL-02-091520MS

Tot Ion:	82	Resp:	430435
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	19.4	15.8	23.6

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 49.678 ng

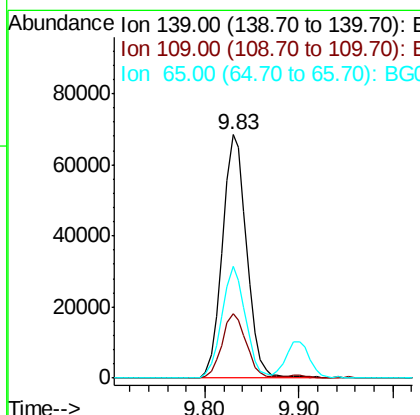
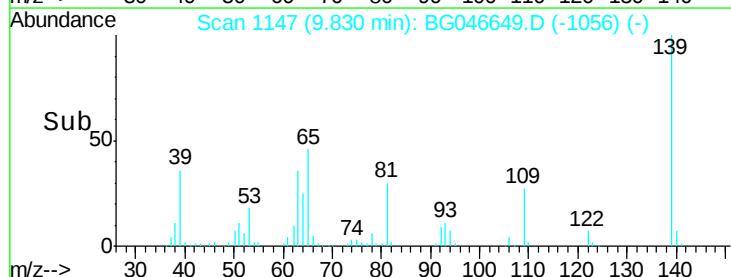
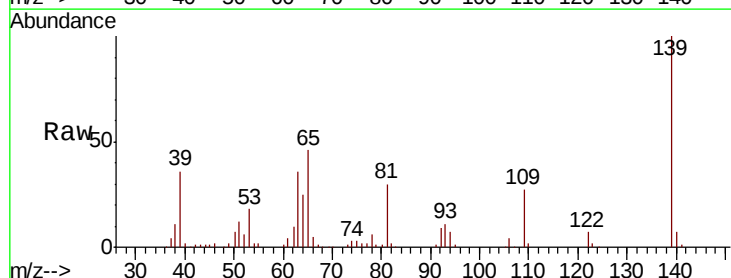
RT: 9.83 min Scan# 1147

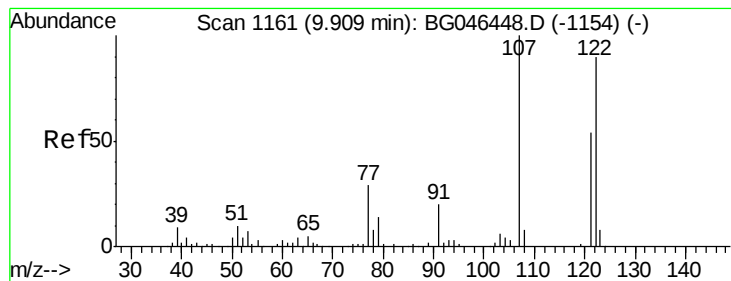
Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	139	Resp:	122604
Ion Ratio	Lower	Upper	
139	100		
109	26.7	20.7	31.1
65	46.1	36.1	54.1





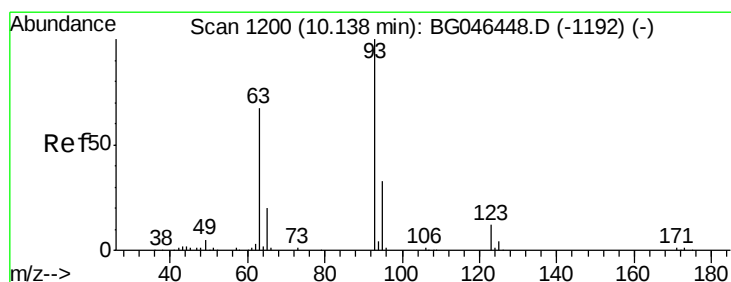
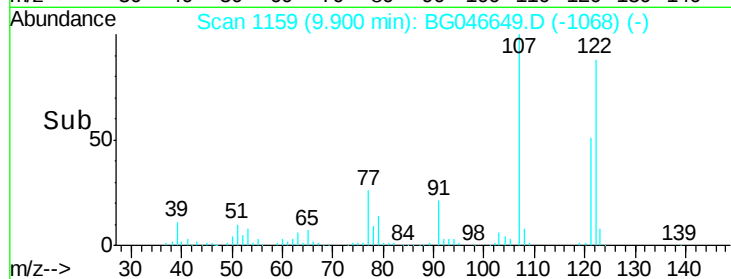
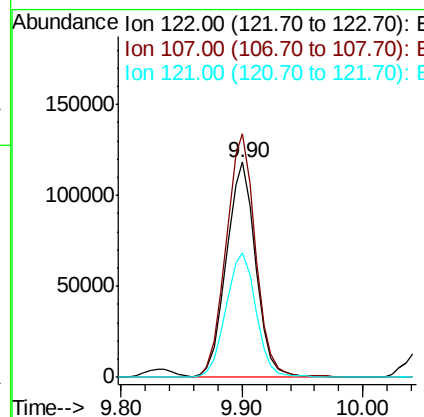
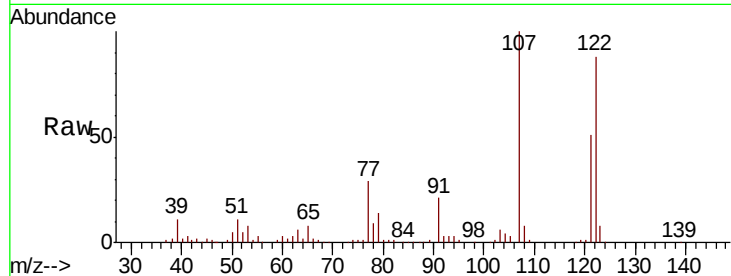
#27
2,4-Dimethylphenol
Concen: 58.086 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		197171		
107	113.3	89.2	133.8		
121	57.7	46.9	70.3		

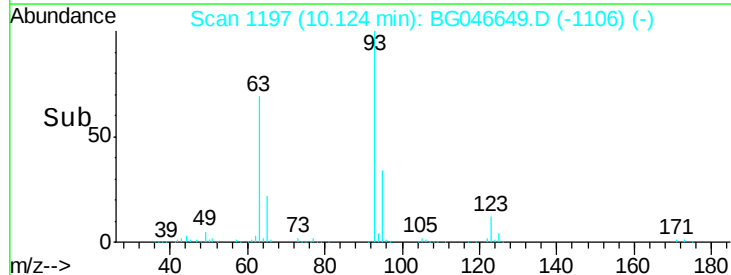
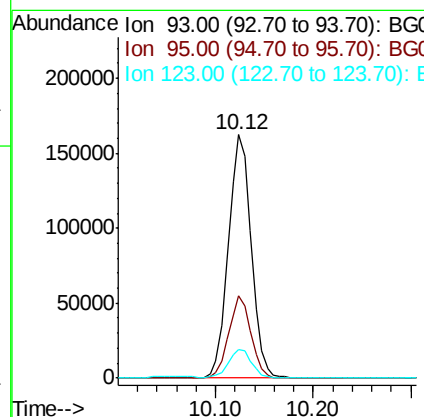
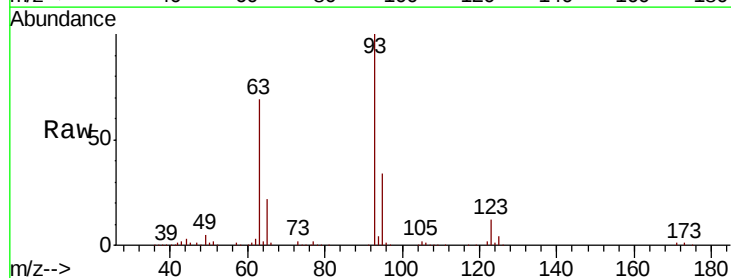
Manual Integrations
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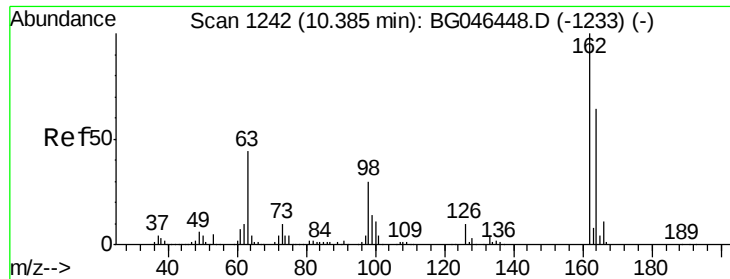
mohammad
9/18/2020 11:27:34 AM



#28
bis(2-Chloroethoxy)methane
Concen: 47.084 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		263069		
95	33.7	26.5	39.7		
123	12.0	9.4	14.0		





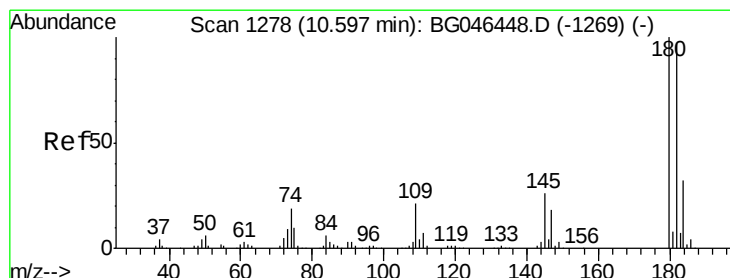
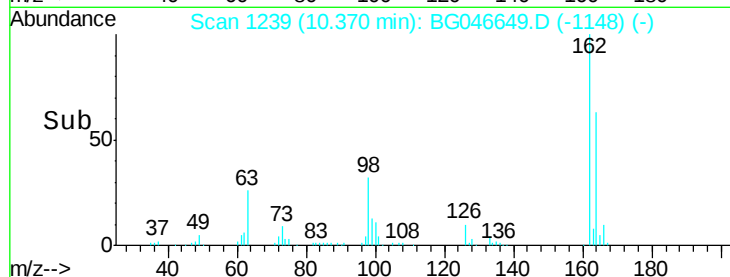
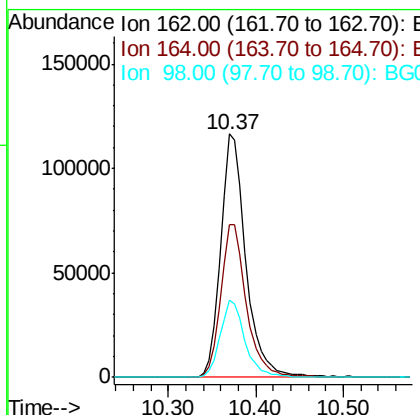
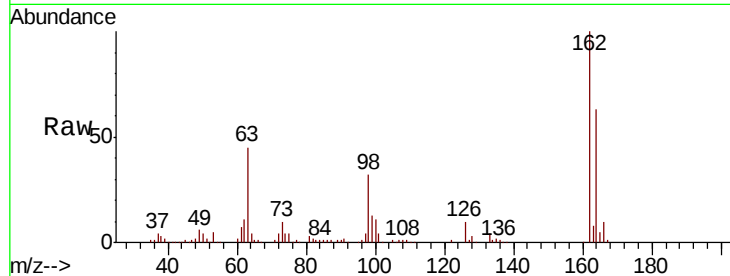
#29
2,4-Dichlorophenol
Concen: 51.130 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	231368		
164	62.9	45.6	85.6	
98	31.5	11.0	51.0	

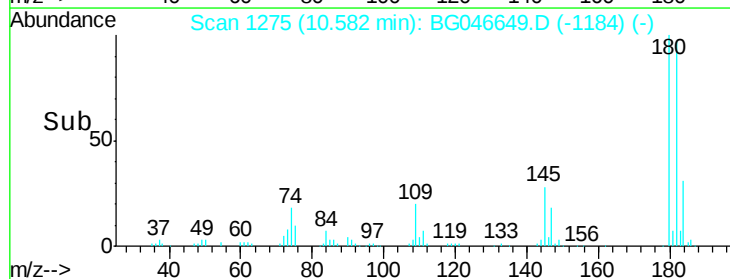
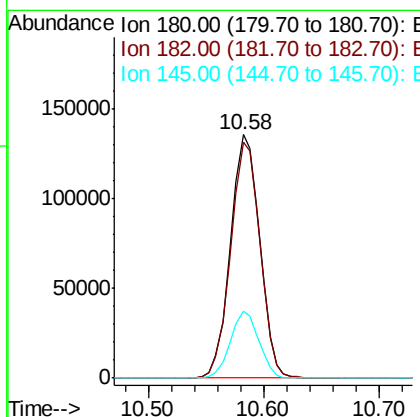
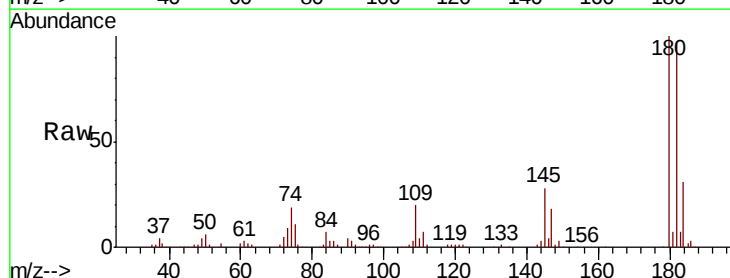
Manual Integrations
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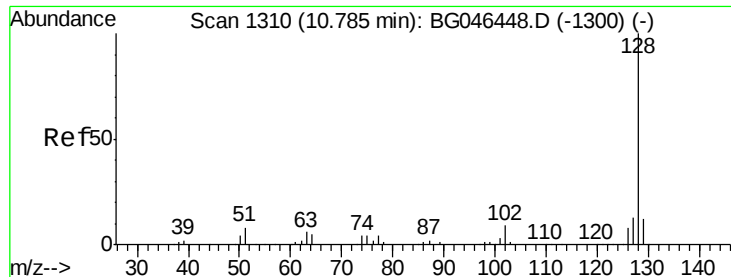
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.302 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237857		
182	97.1	76.9	115.3	
145	27.8	21.4	32.0	





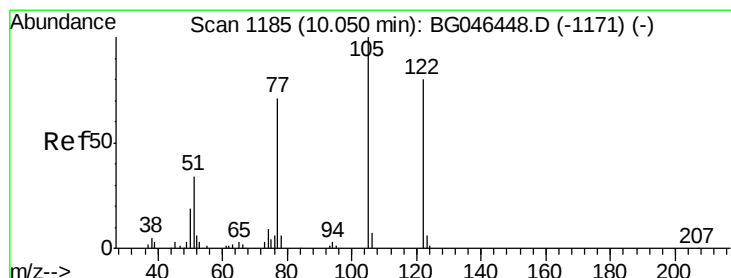
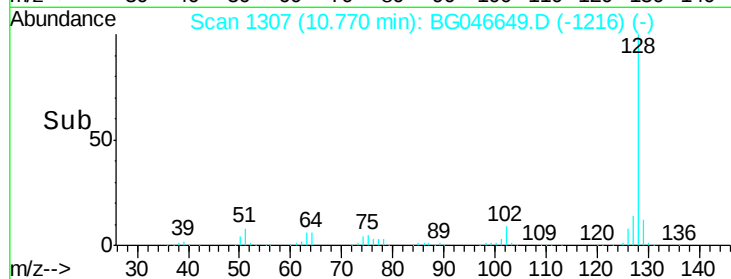
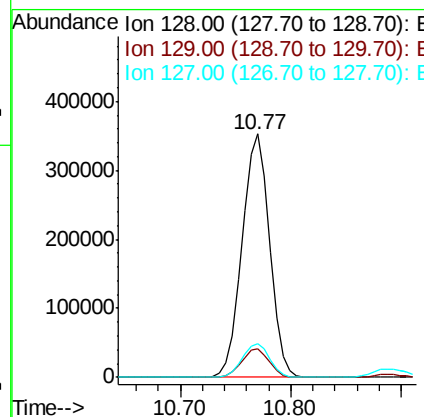
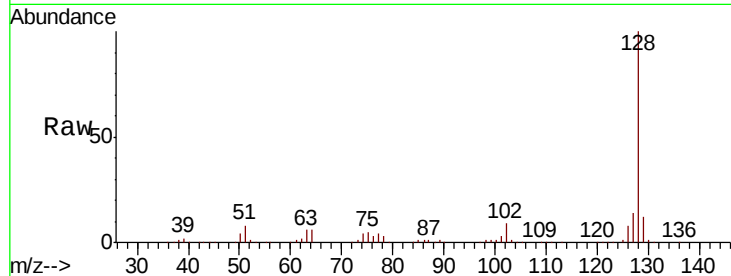
#31
Naphthalene
Concen: 46.839 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.0	11.0	16.4

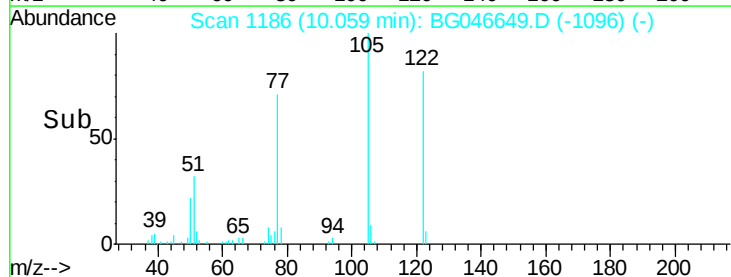
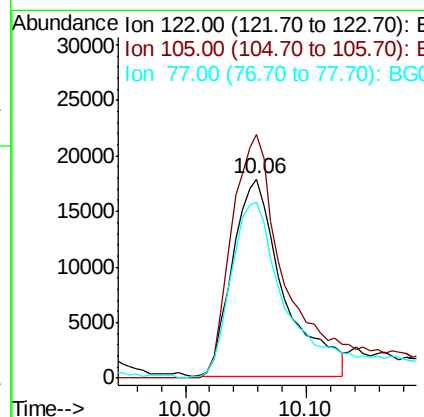
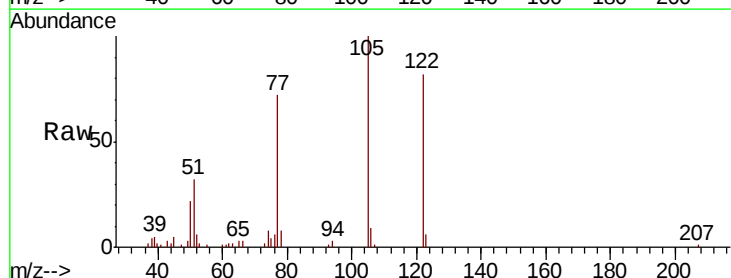
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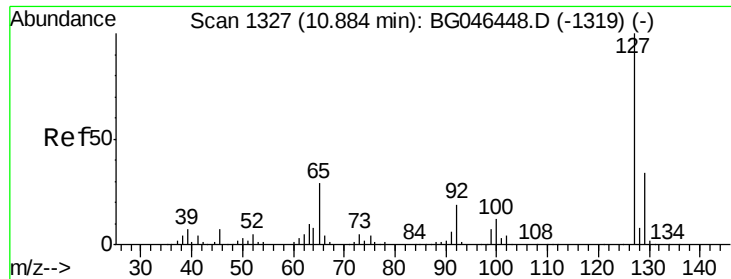
mohammad
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#32
Benzoic acid
Concen: 25.806 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.7	143.7
77	88.2	63.0	103.0





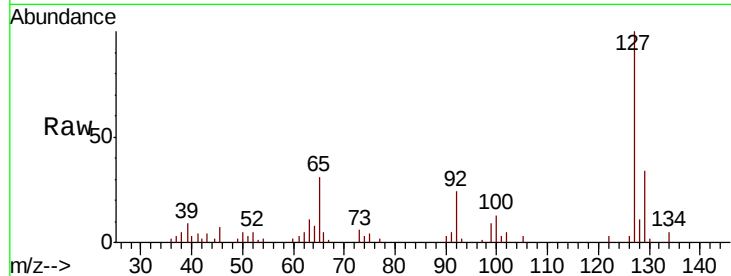
#33
4-Chloroaniline
Concen: 5.038 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		29351		
129	34.3	26.8	40.2		
65	30.6	23.8	35.6		
92	24.1	14.5	21.7		

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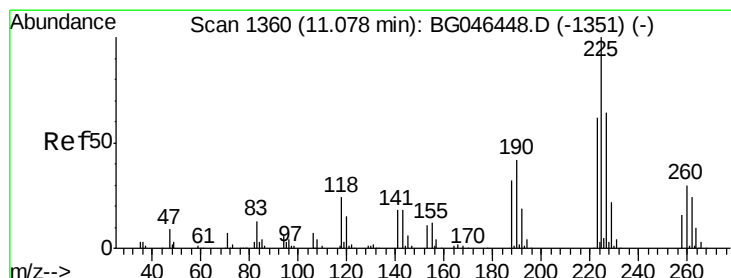
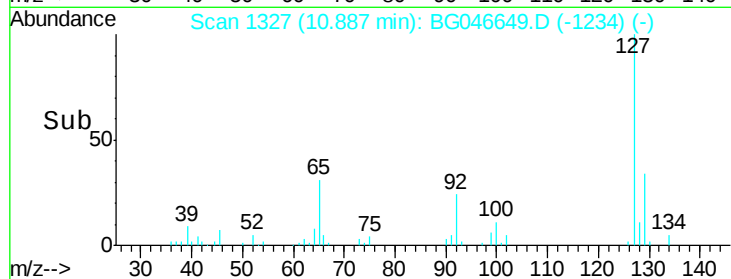
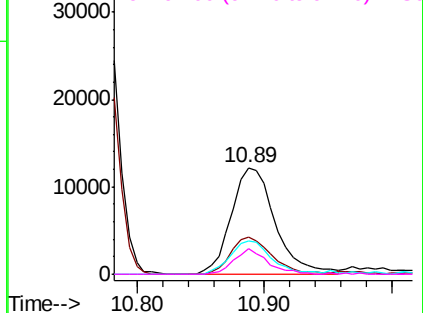
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

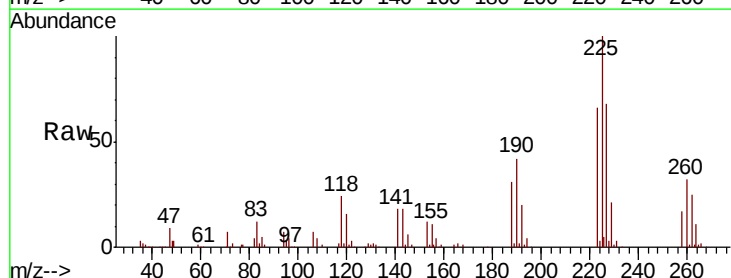
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.959 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		146241		
223	65.5	49.5	74.3		
227	67.8	52.0	78.0		

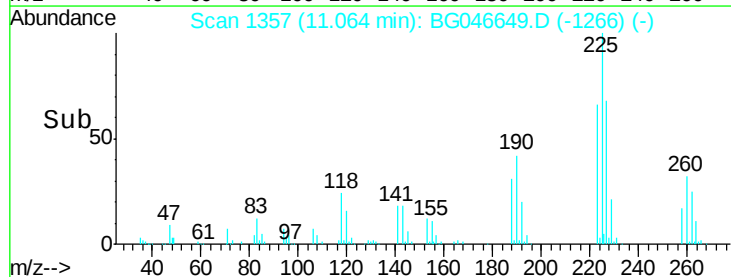
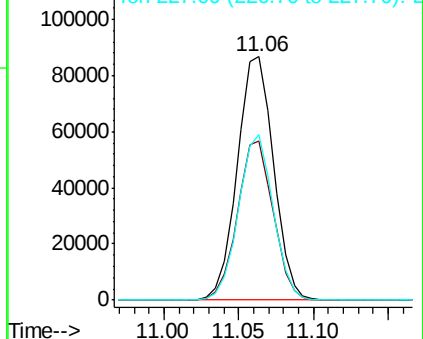


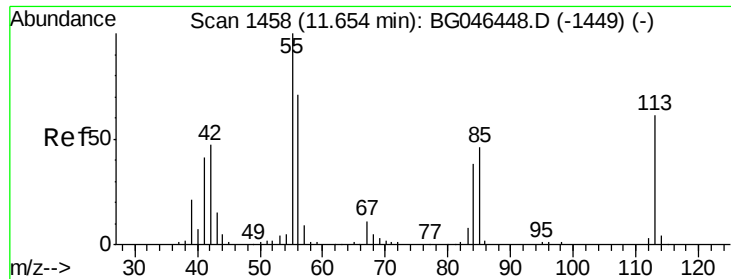
Abundance

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: 34.746 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MS

Tot Ion: 113 Resp: 58773

Ion Ratio Lower Upper

113 100

55 164.8 149.2 189.2

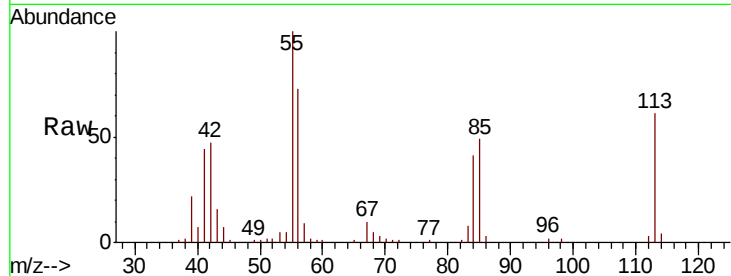
56 120.8 107.2 147.2

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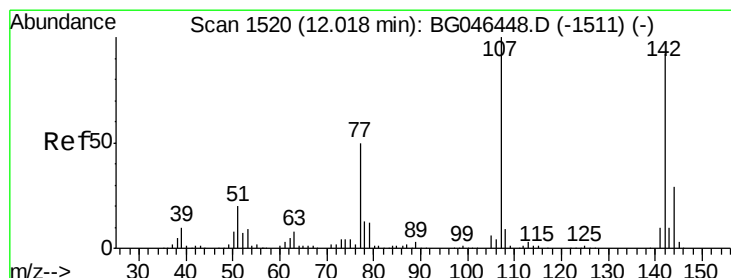
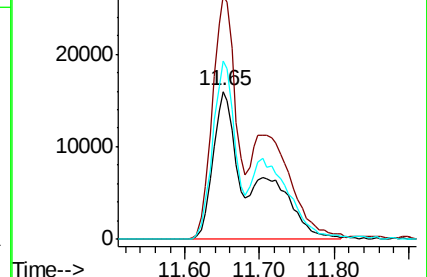
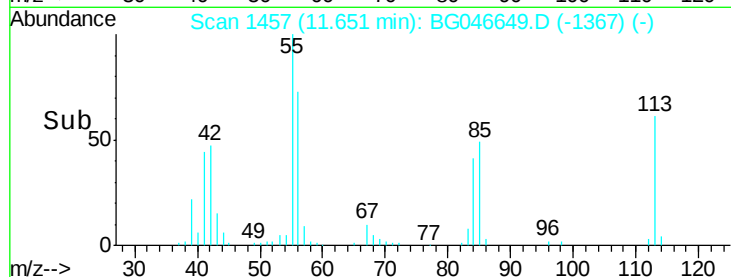
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG046448.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG046448.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 52.027 ng/mL

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

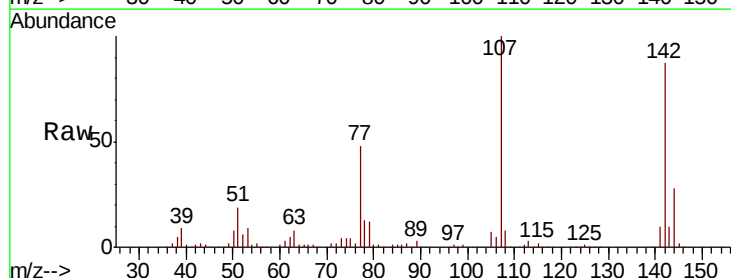
Tgt Ion: 107 Resp: 230262

Ion Ratio Lower Upper

107 100

144 28.0 22.5 33.7

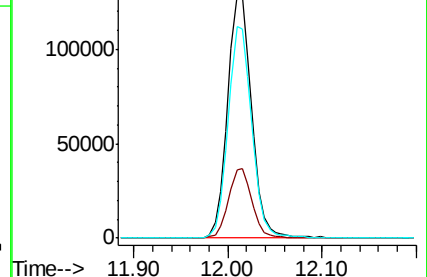
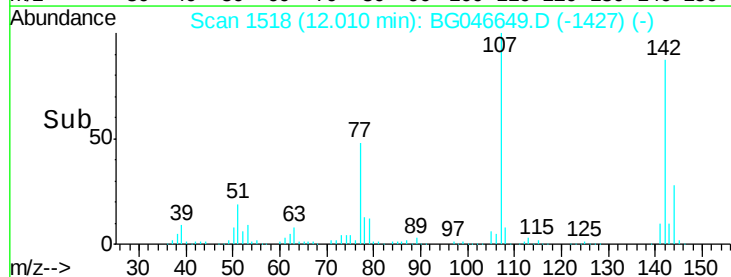
142 86.9 70.8 106.2

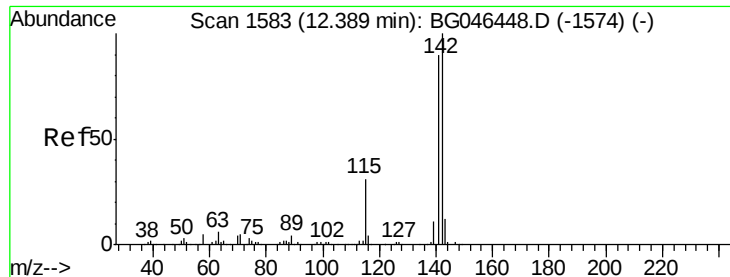


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





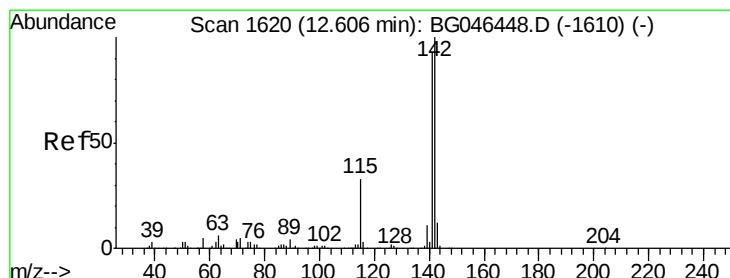
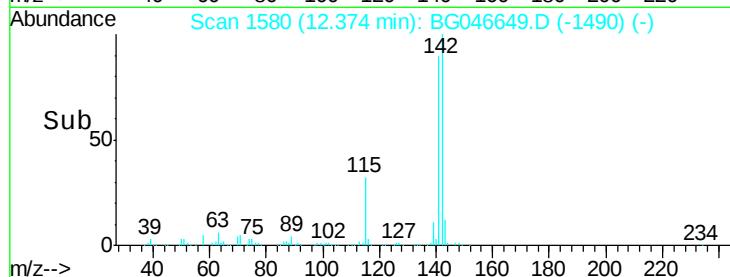
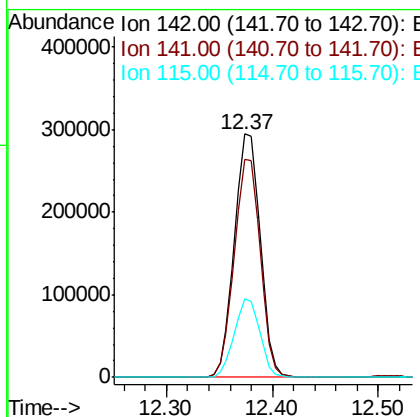
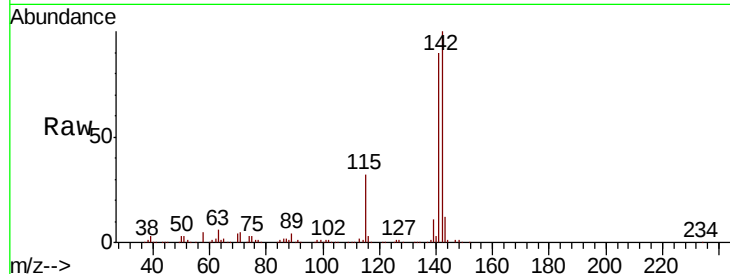
#37
2-Methylnaphthalene
Concen: 48.032 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4
115	32.5	25.4	38.2

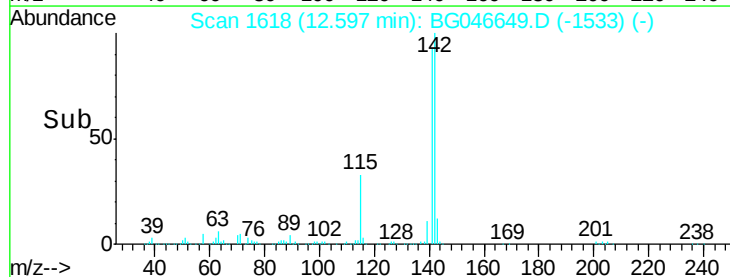
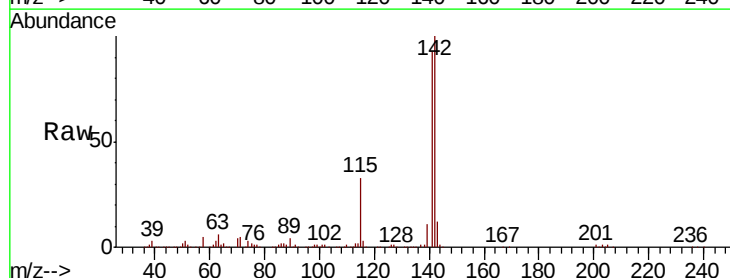
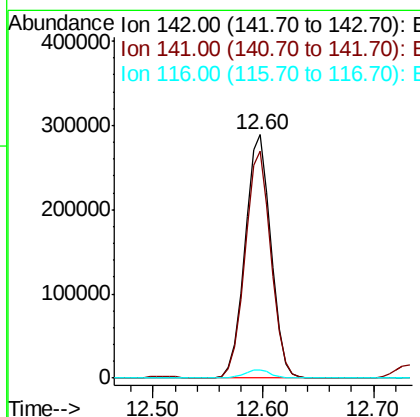
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 48.040 ng
RT: 12.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.4	113.2
116	3.3	2.9	4.3





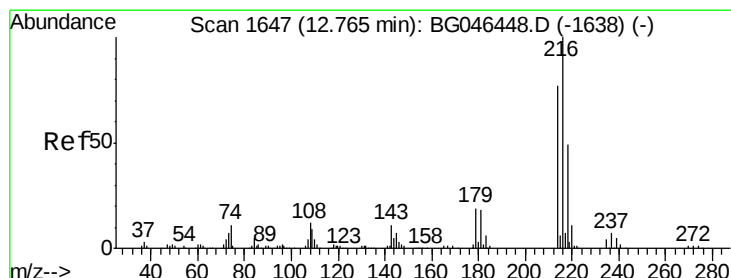
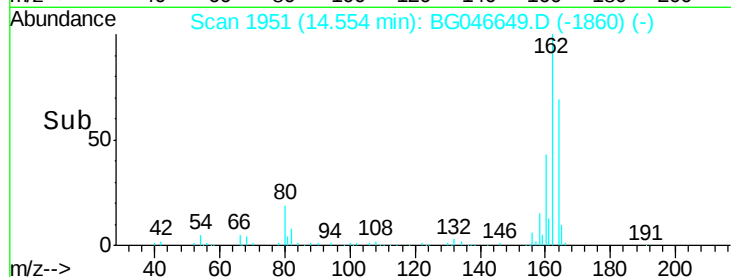
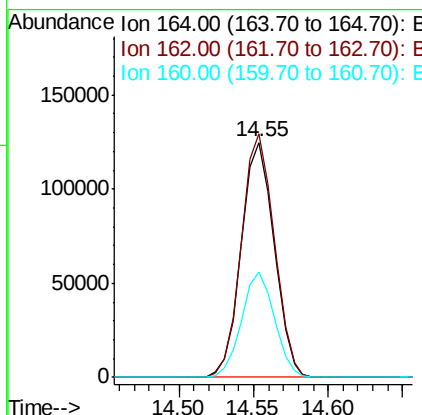
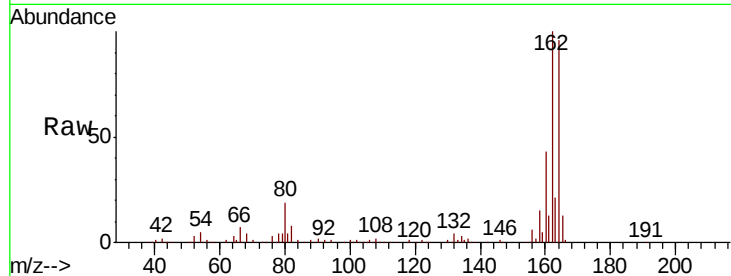
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.3	123.5
160	45.1	35.3	52.9

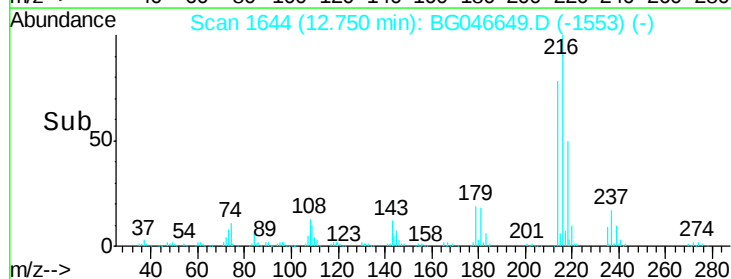
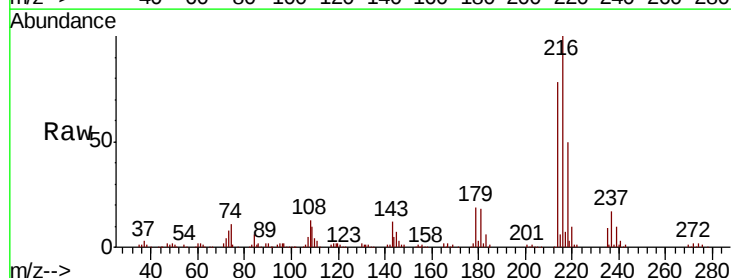
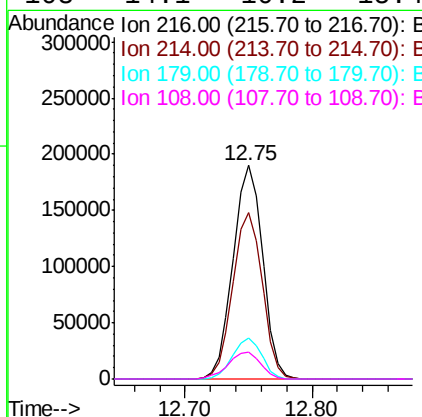
Manual Integrations
APPROVED

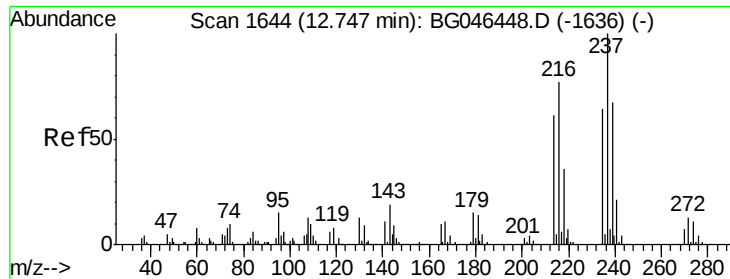
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.626 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.9	92.9
179	18.9	14.8	22.2
108	14.1	10.2	15.4





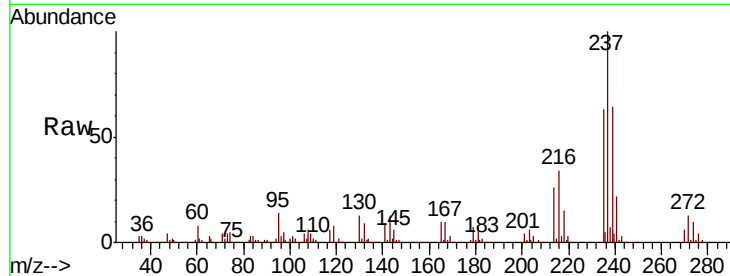
#41
Hexachlorocyclopentadiene
Concen: 88.809 ng
RT: 12.73 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	43.1	83.1
272	13.1	0.0	33.1

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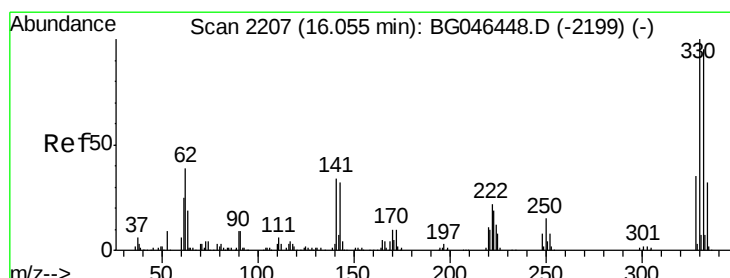
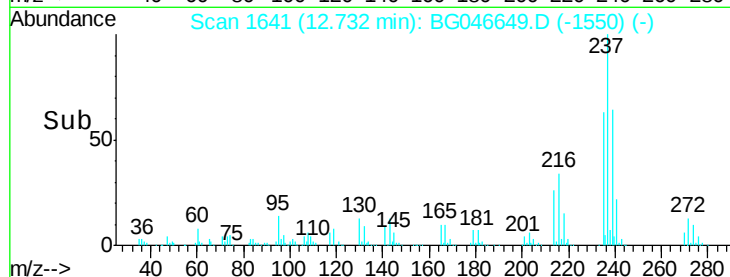
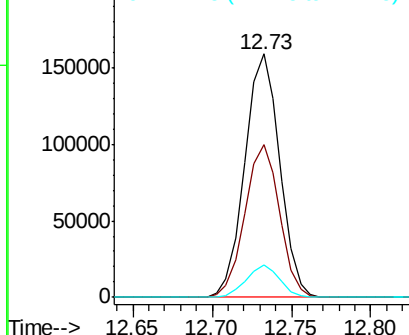


Abundance

Ion 236.80 (236.50 to 237.50): E

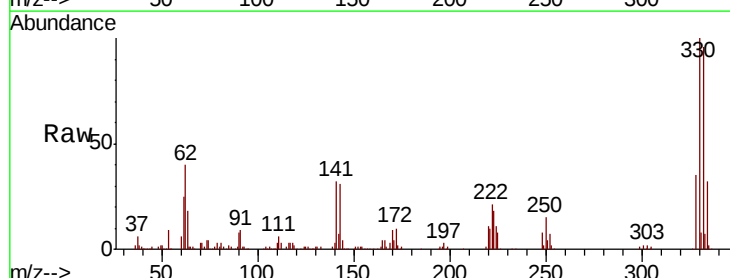
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 121.239 ng
RT: 16.05 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	76.5	114.7
141	33.4	26.0	39.0

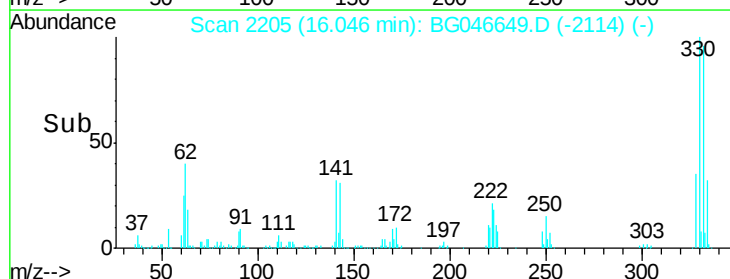
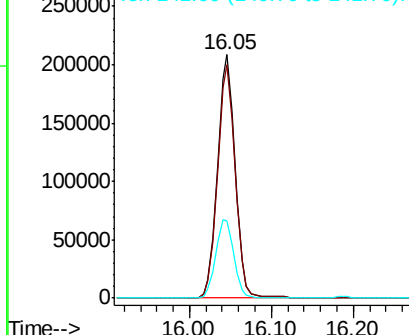


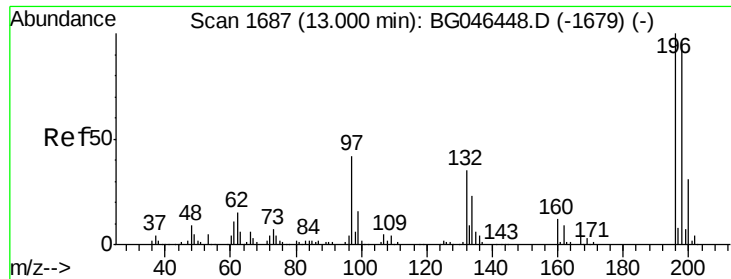
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





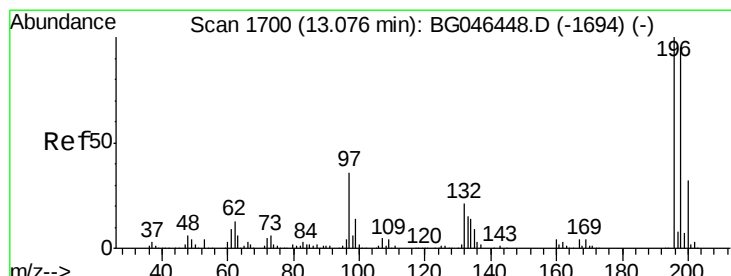
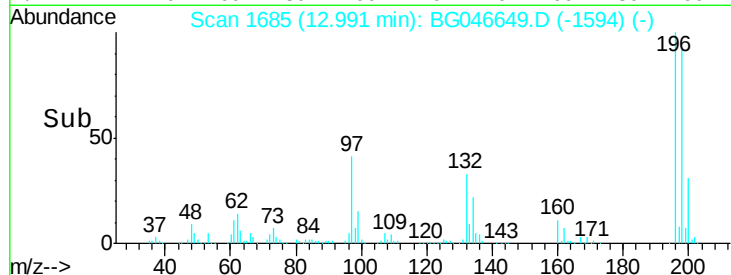
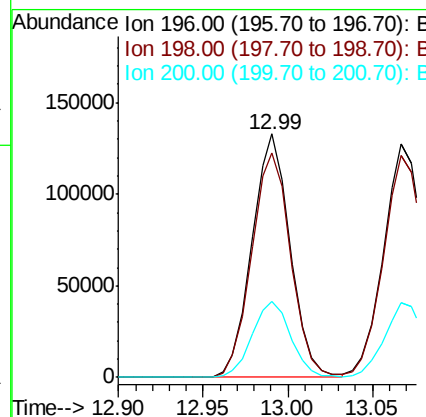
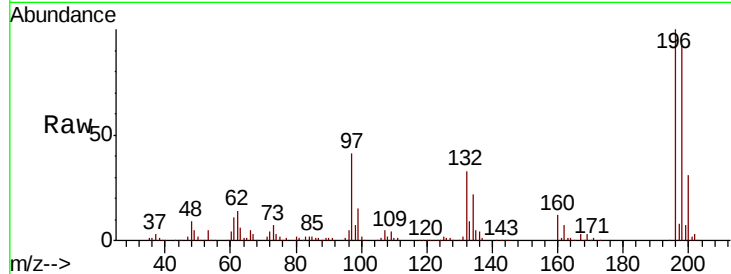
#43
 2,4,6-Trichlorophenol
 Concen: 49.027 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208432		
198	92.3	74.9	112.3	
200	31.0	25.3	37.9	

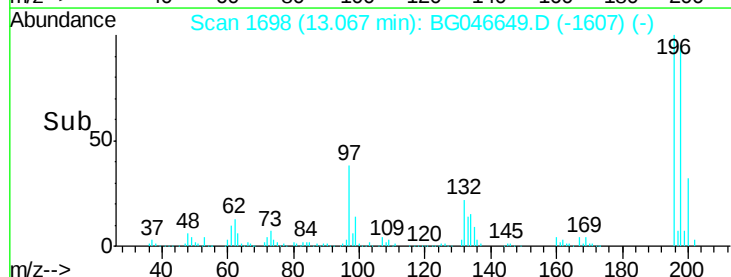
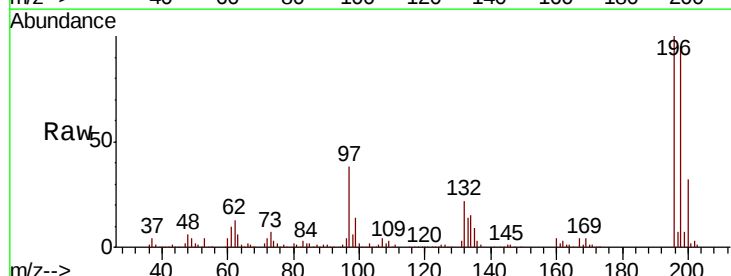
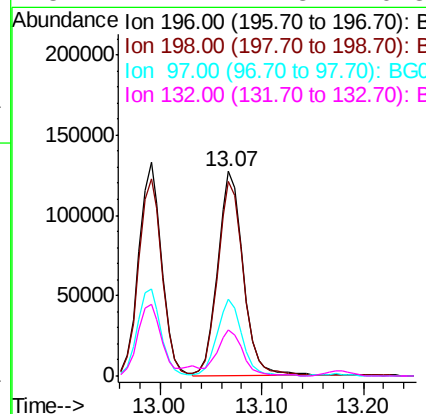
Manual Integrations
 APPROVED

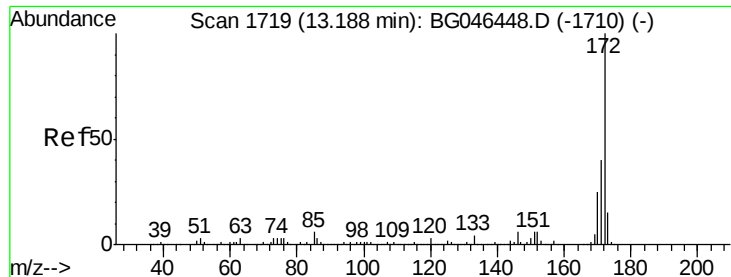
mohammad
 9/18/2020 11:27:34 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.512 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221158		
198	95.3	77.6	116.4	
97	37.6	28.6	43.0	
132	22.4	17.8	26.8	





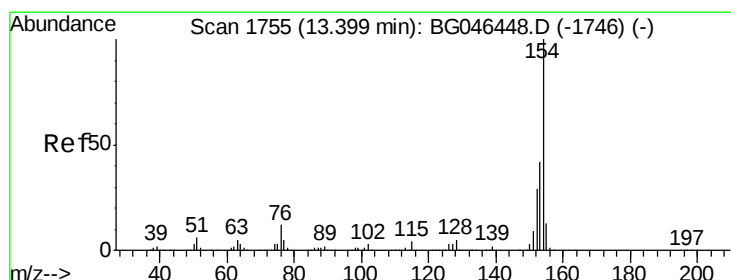
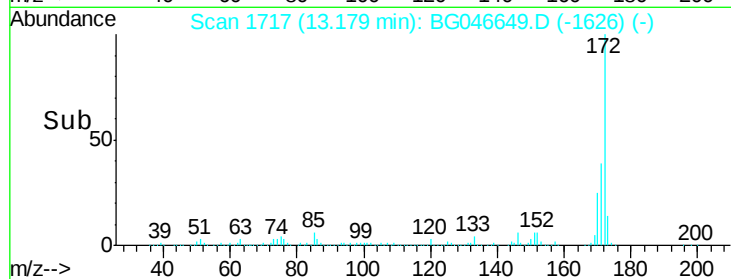
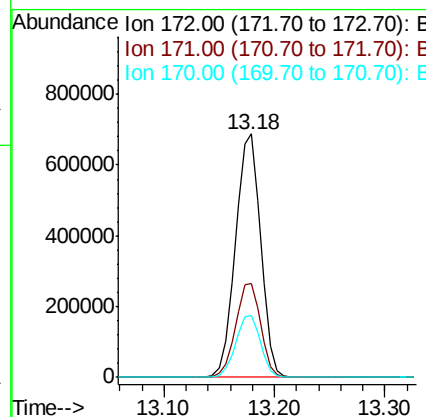
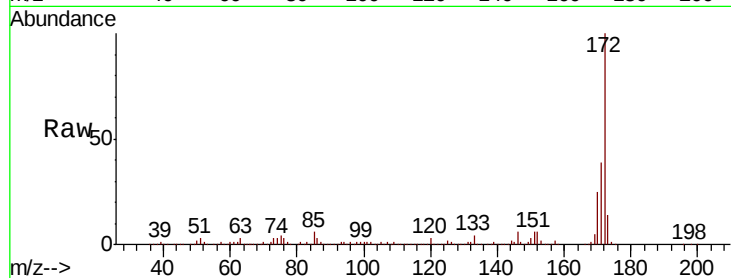
#45
2-Fluorobiphenyl
Concen: 87.956 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.5	20.8	31.2

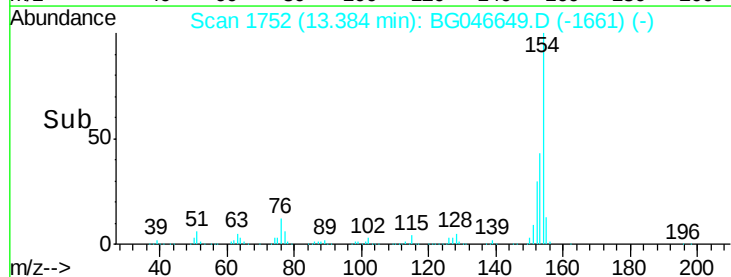
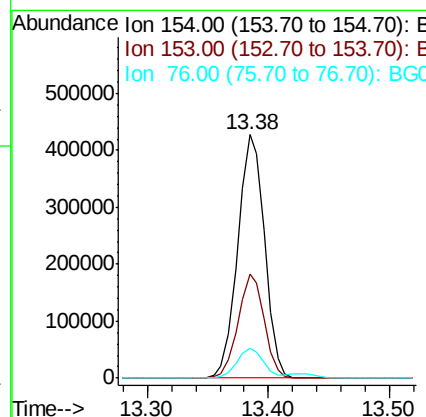
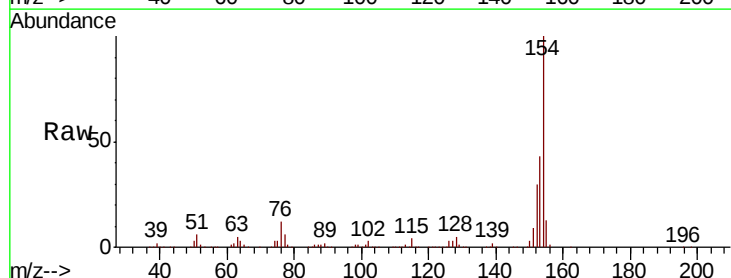
Manual Integrations
APPROVED

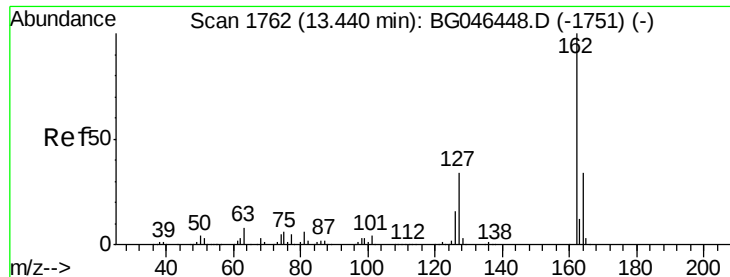
mohammad
9/18/2020 11:27:34 AM



#46
1,1'-Biphenyl
Concen: 49.561 ng
RT: 13.38 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.6	62.6
76	12.4	0.0	32.6





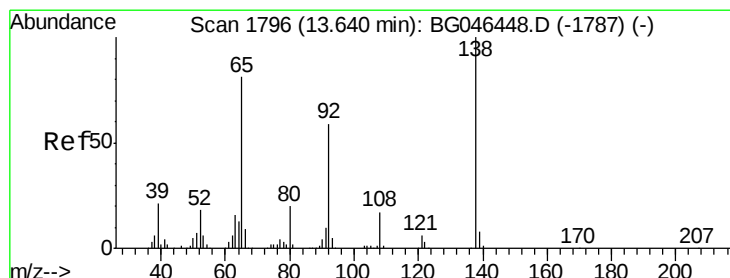
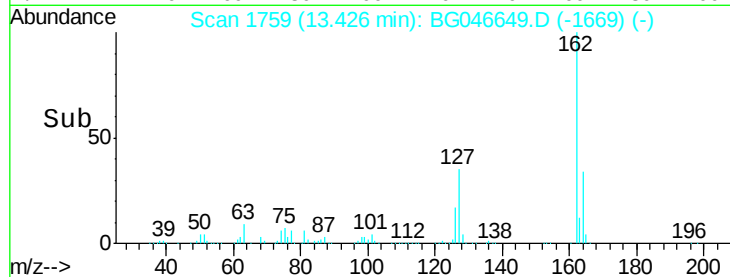
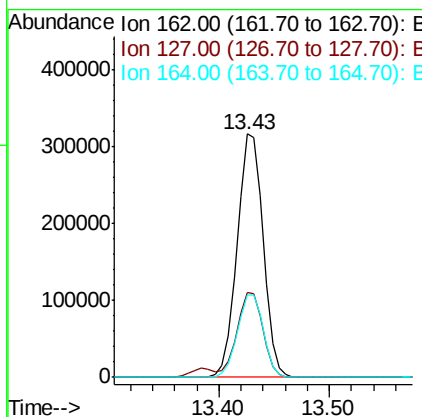
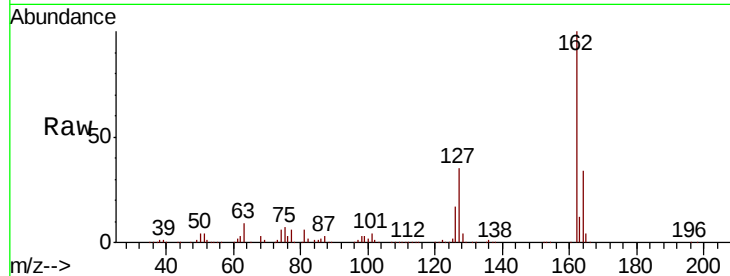
#47
2-Chloronaphthalene
Concen: 46.558 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	27.8	41.6
164	33.6	27.0	40.4

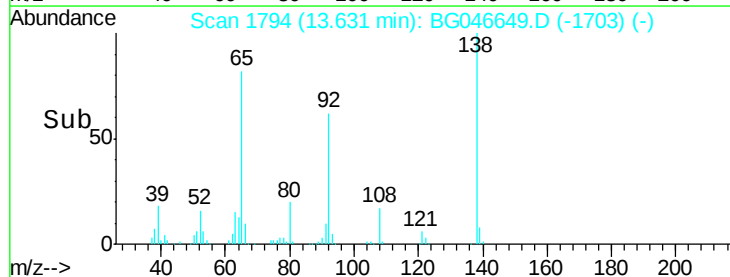
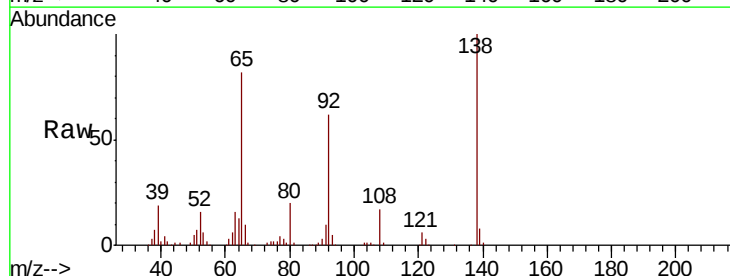
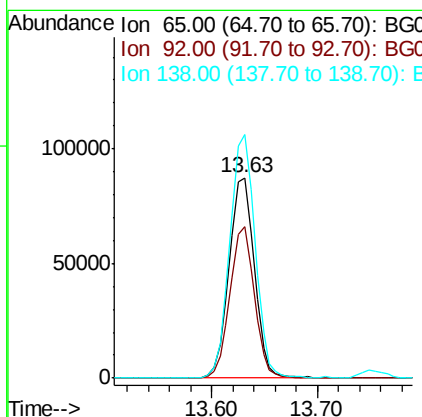
Manual Integrations
APPROVED

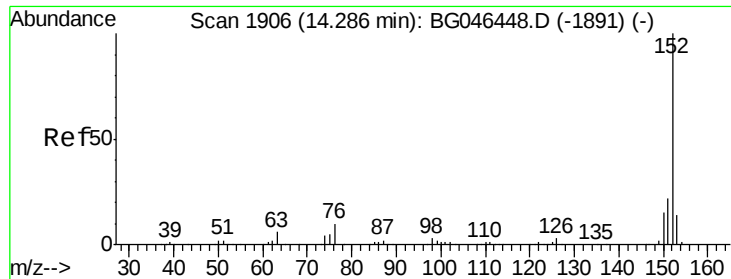
mohammad
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#48
2-Nitroaniline
Concen: 46.557 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	58.6	88.0
138	121.3	98.2	147.4





#49

Acenaphthylene

Concen: 48.467 ng

RT: 14.28 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

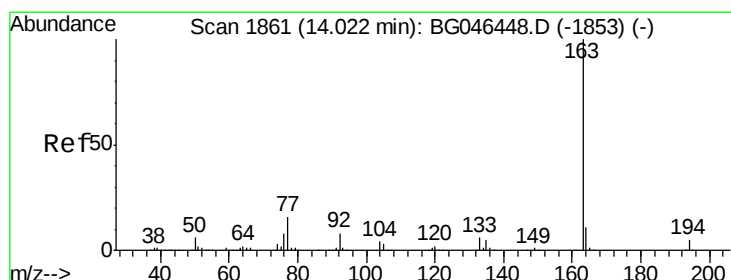
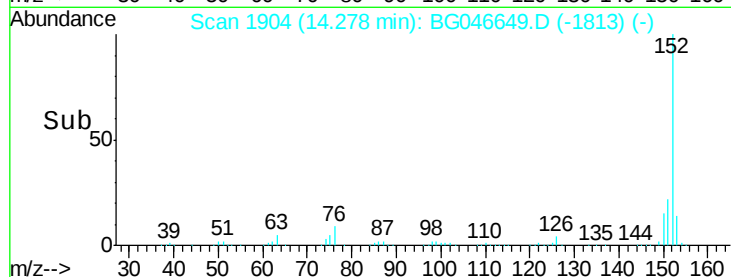
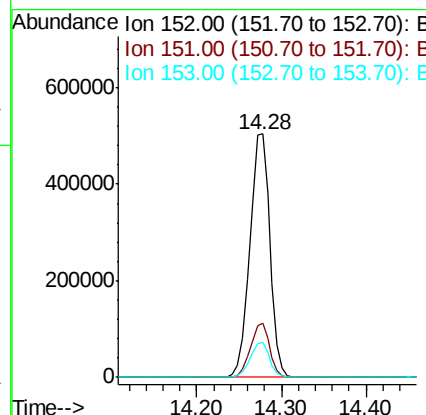
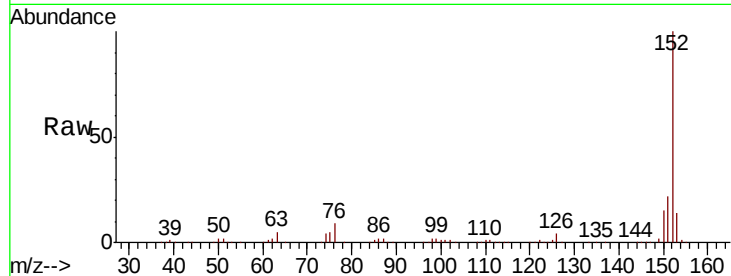
ClientSampleId :

PL-02-091520MS

Tot Ion:	152	Resp:	828530
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.4	26.0
153	14.1	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.324 ng

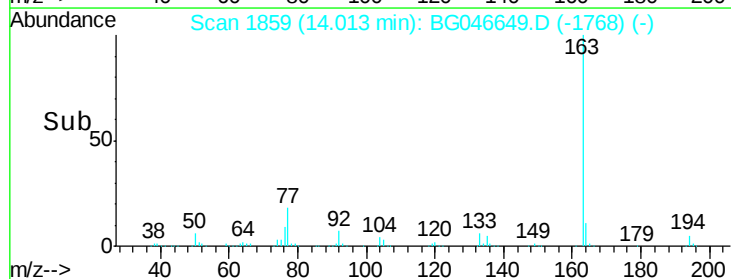
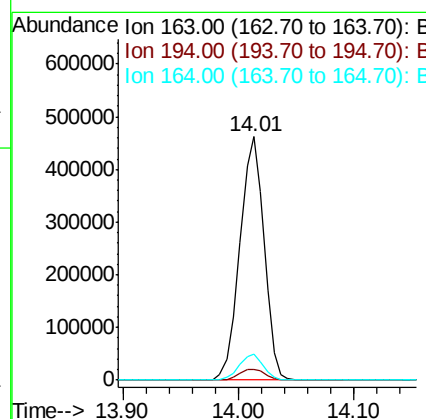
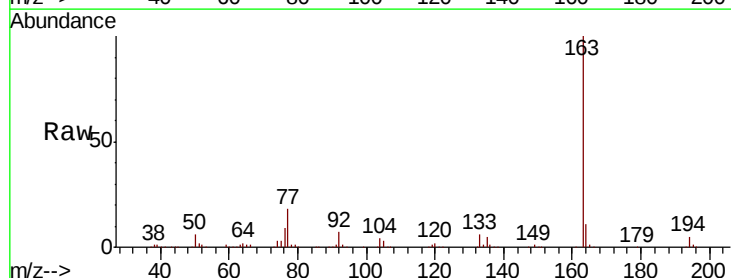
RT: 14.01 min Scan# 1859

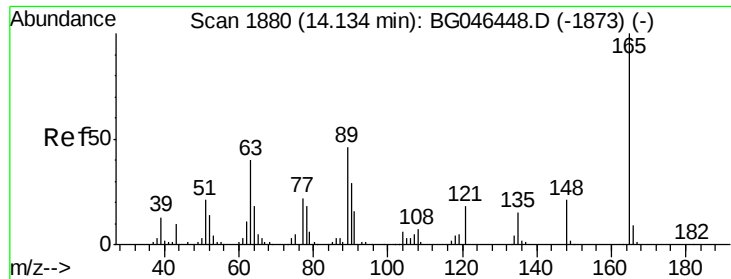
Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	163	Resp:	669892
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.8
164	10.9	8.8	13.2





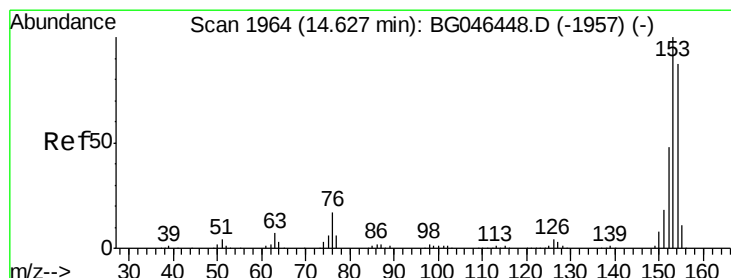
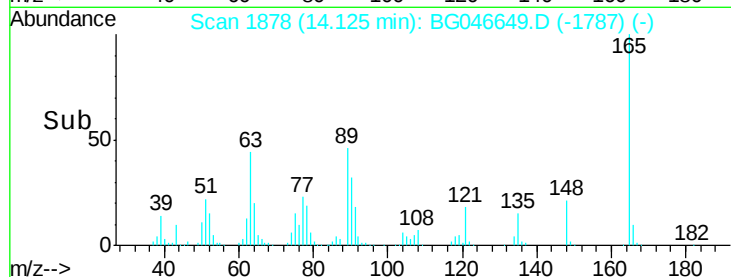
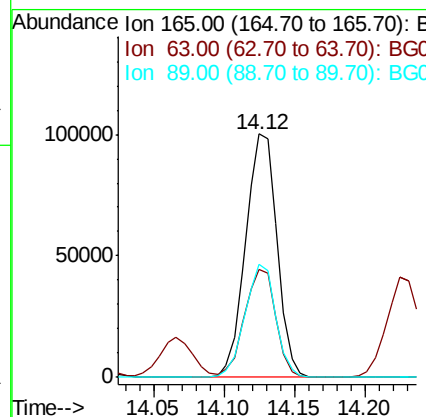
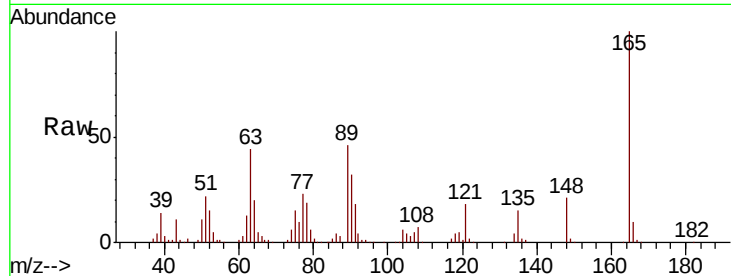
#51
2,6-Dinitrotoluene
Concen: 48.103 ng
RT: 14.12 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.7	50.5
89	46.3	36.6	54.8

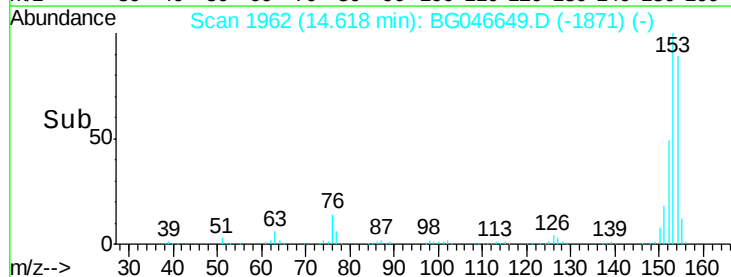
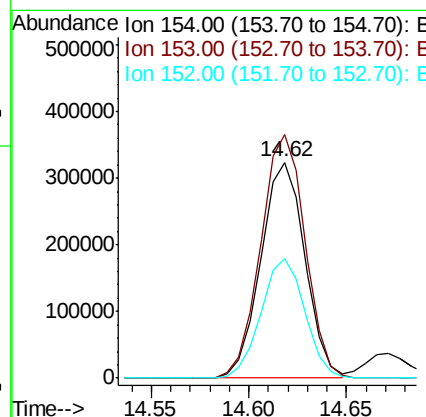
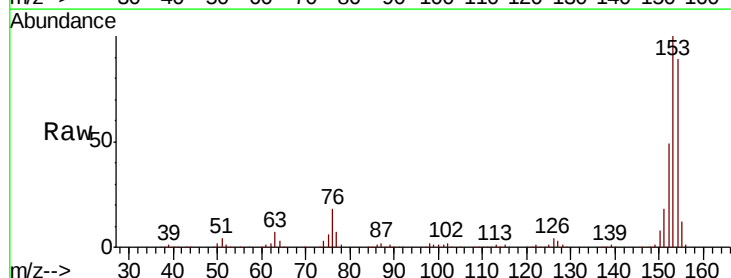
Manual Integrations
APPROVED

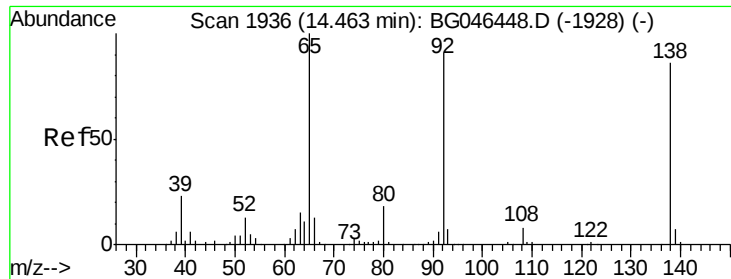
mohammad
9/18/2020 11:27:34 AM



#52
Acenaphthene
Concen: 47.803 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.3	135.5
152	55.6	43.8	65.8





#53

3-Nitroaniline

Concen: 18.706 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MS

Tot Ion:138 Resp: 66015

Ion Ratio Lower Upper

138 100

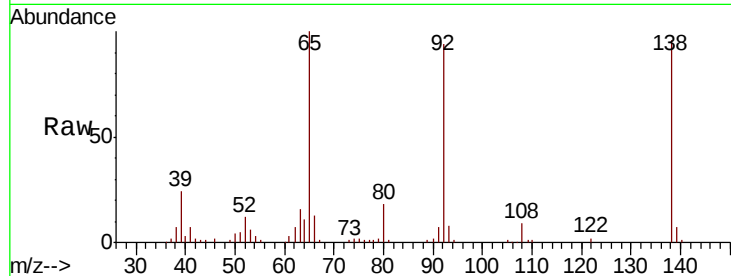
108 9.2 7.4 11.0

92 98.2 85.2 127.8

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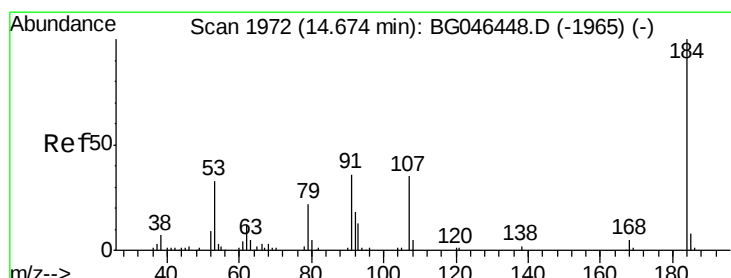
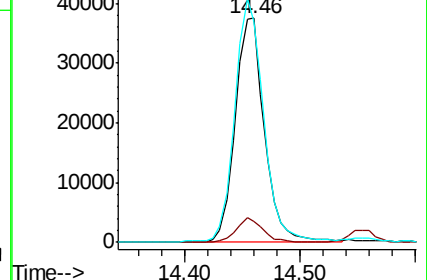
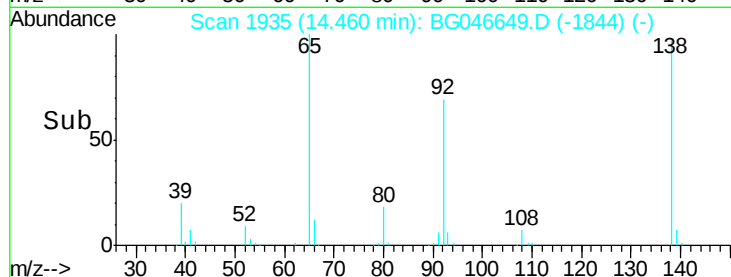
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 66.267 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

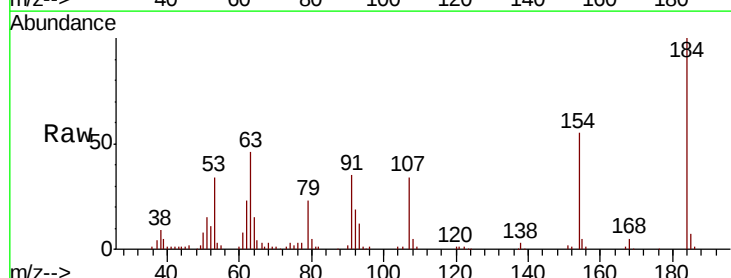
Tgt Ion:184 Resp: 126022

Ion Ratio Lower Upper

184 100

63 45.8 32.3 48.5

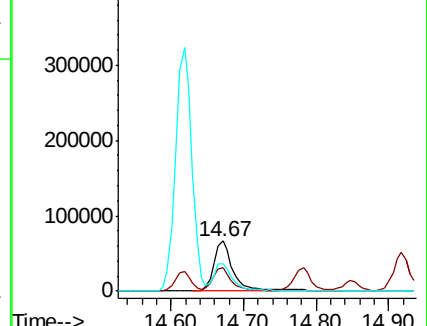
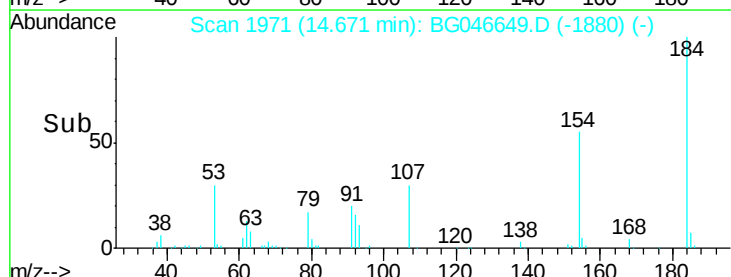
154 55.2 40.4 60.6

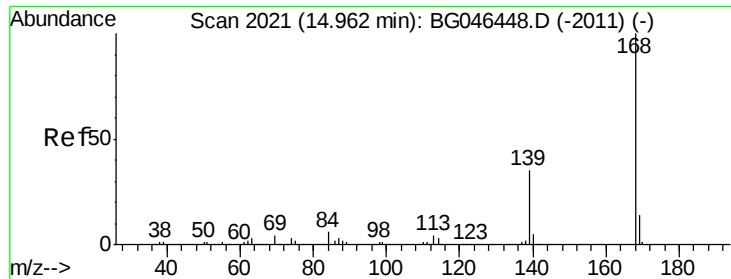


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





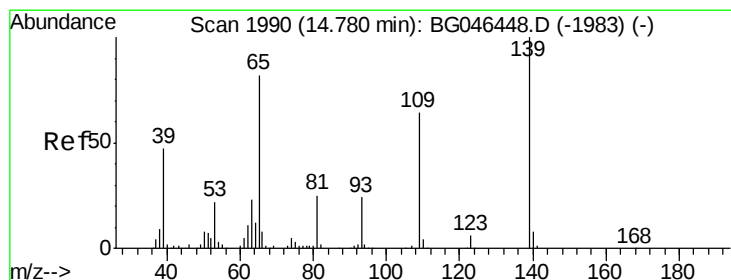
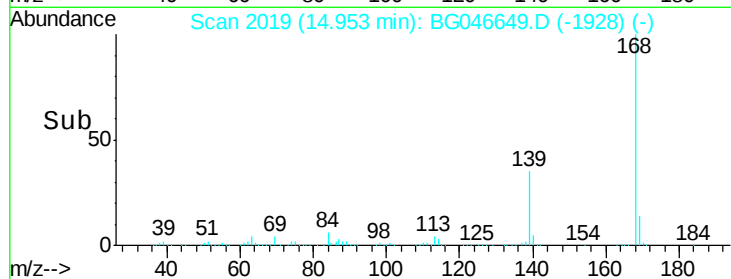
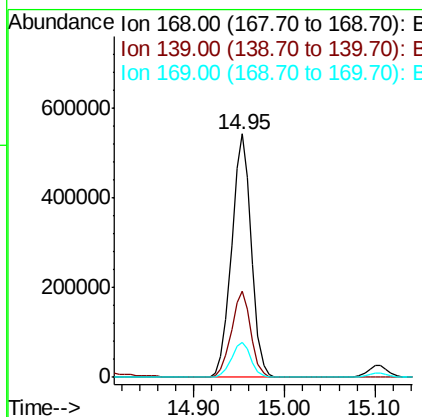
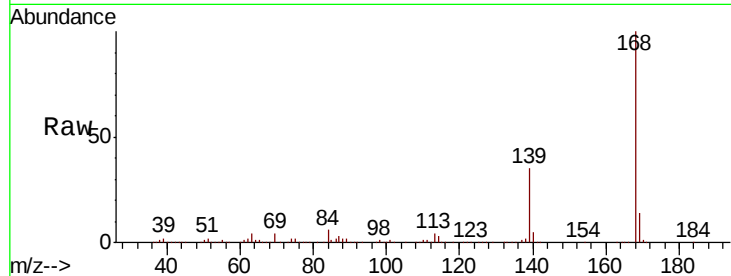
#55
Dibenzofuran
Concen: 48.132 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.6	43.0
169	14.4	11.0	16.6

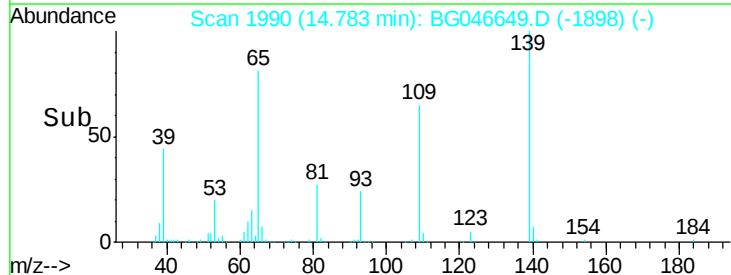
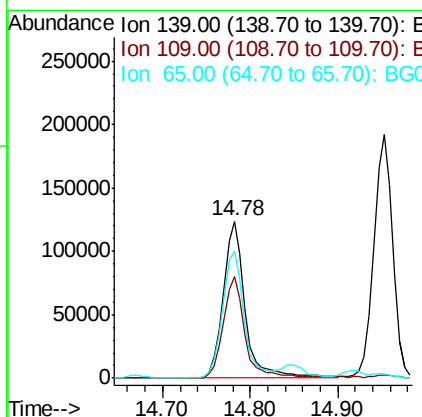
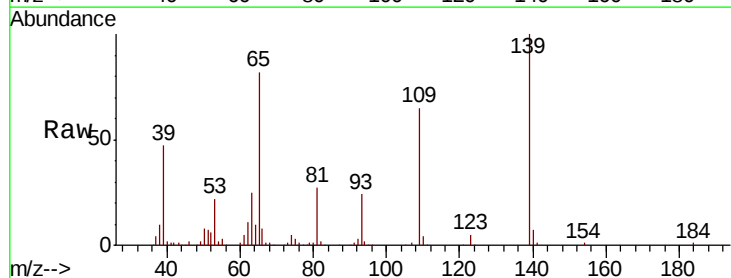
Manual Integrations
APPROVED

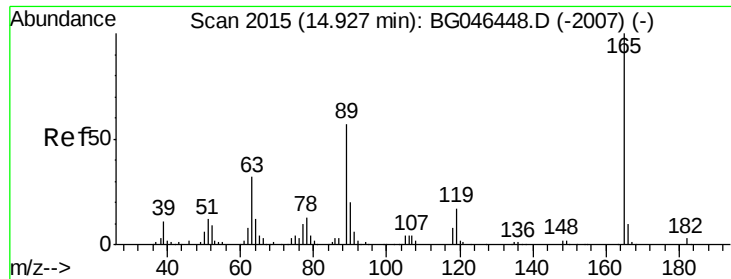
mohammad
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#56
4-Nitrophenol
Concen: 82.929 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	45.9	85.9
65	81.6	65.4	105.4





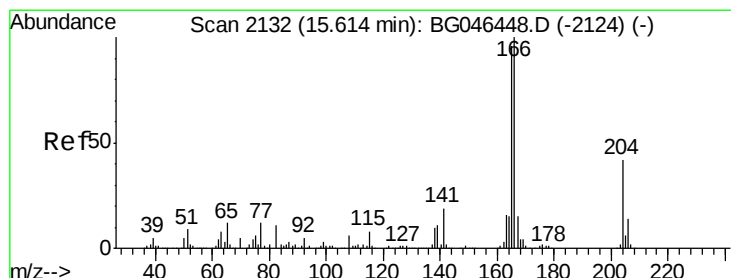
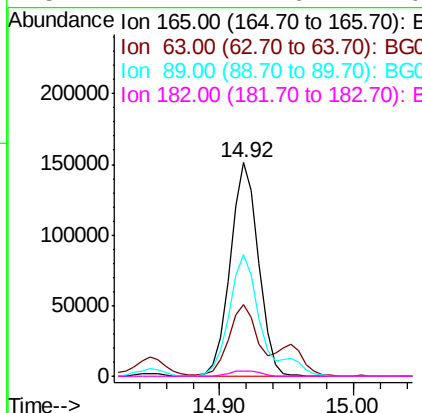
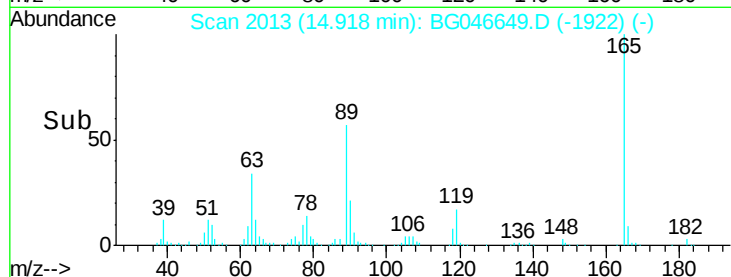
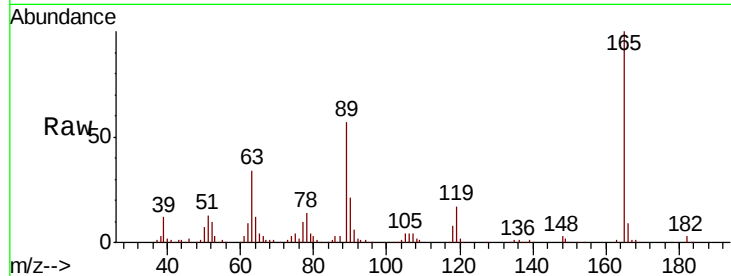
#57
2,4-Dinitrotoluene
Concen: 47.892 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222485		
63	33.9	26.4	39.6	
89	56.9	47.8	71.8	
182	2.7	2.6	4.0	

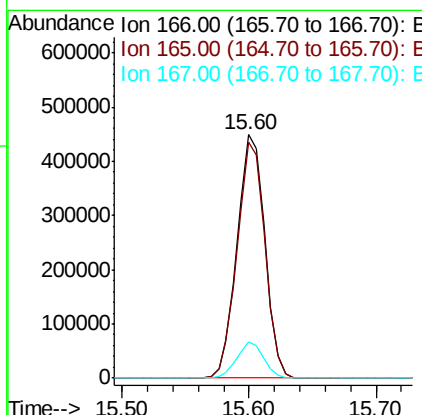
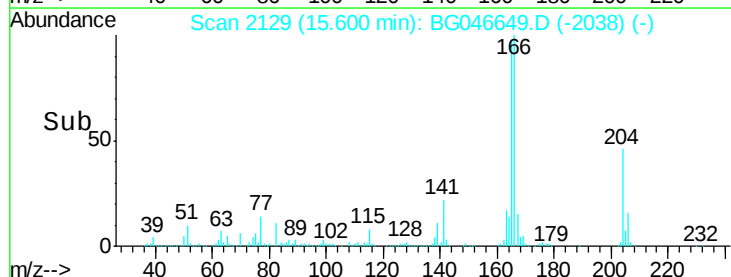
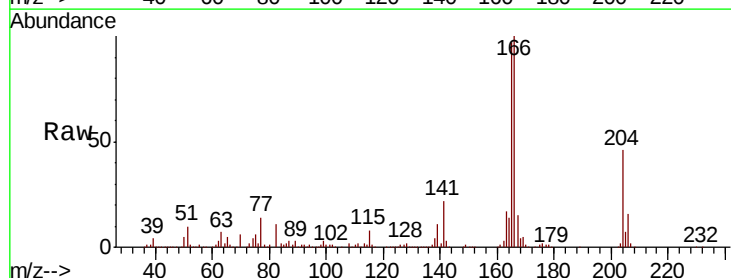
Manual Integrations
APPROVED

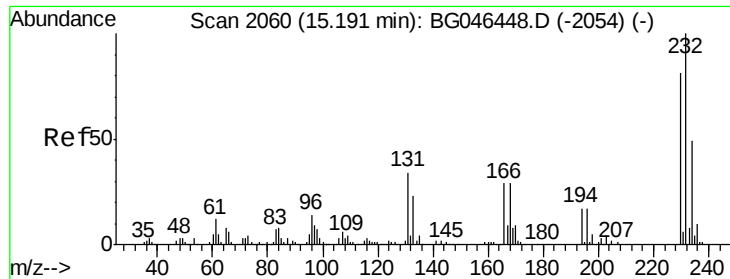
mohammad
9/18/2020 11:27:34 AM



#58
Fluorene
Concen: 47.714 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	680810		
165	96.7	77.2	115.8	
167	14.6	11.4	17.2	





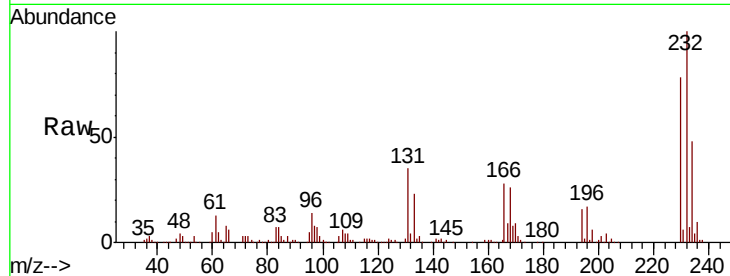
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.463 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

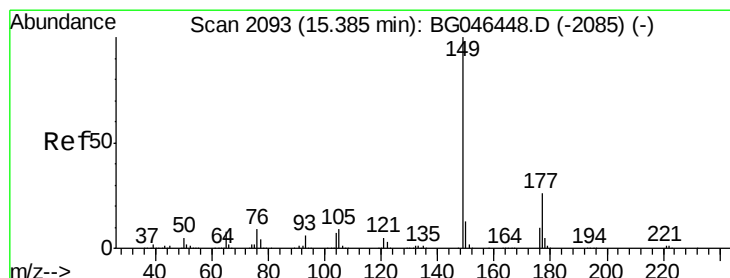
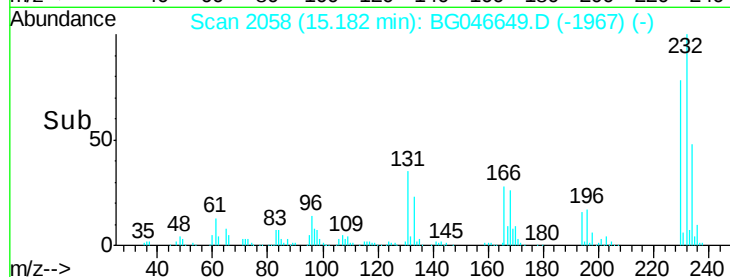
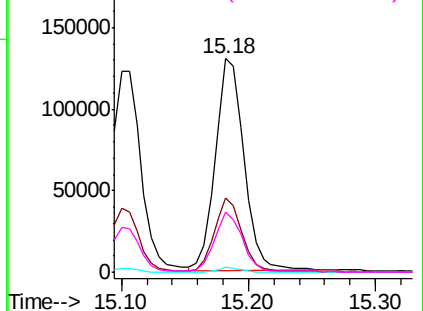
Tot Ion	Ratio	Lower	Upper
232	100		
131	33.8	26.6	40.0
130	1.8	1.4	2.0
166	28.0	21.0	31.6

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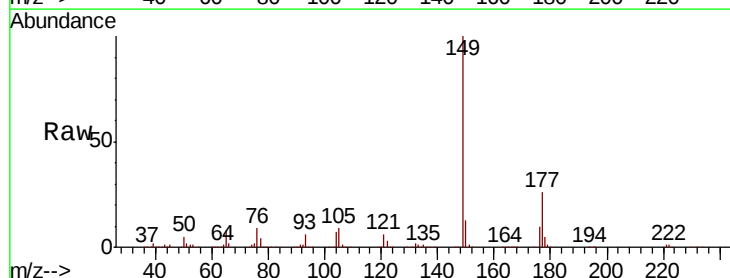


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

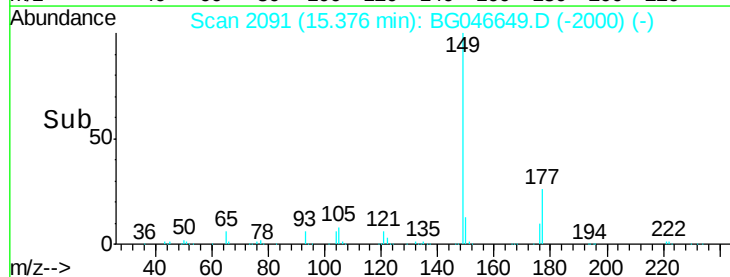
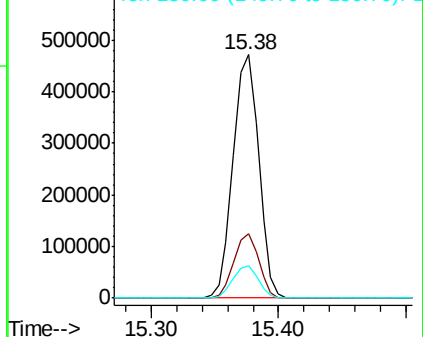


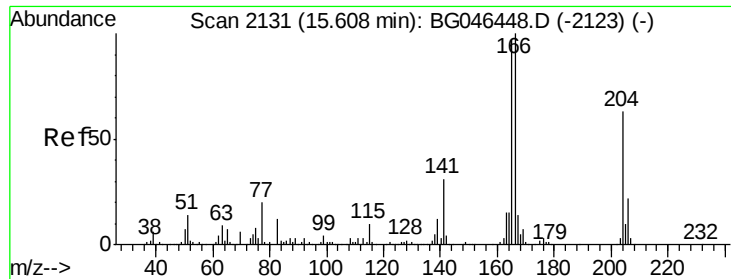
#60
 Diethylphthalate
 Concen: 45.679 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.3	21.4	32.2
150	13.2	10.7	16.1



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





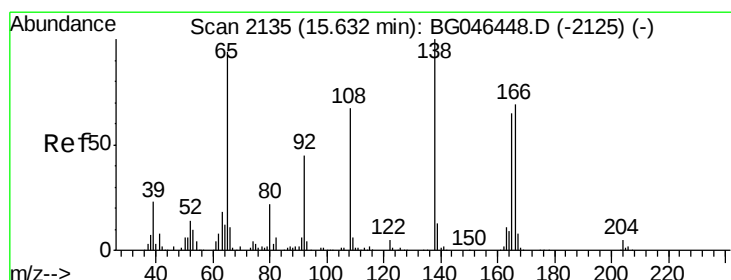
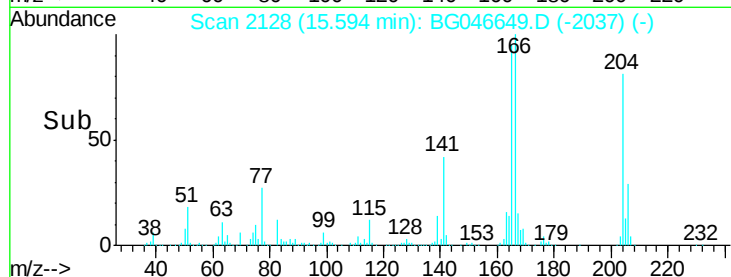
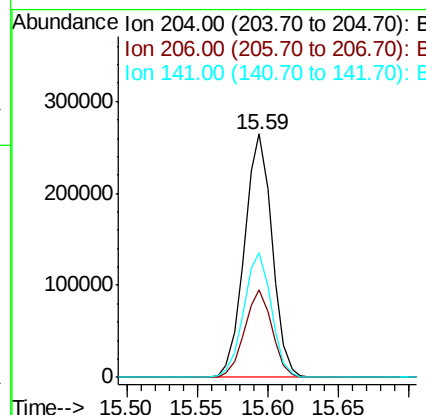
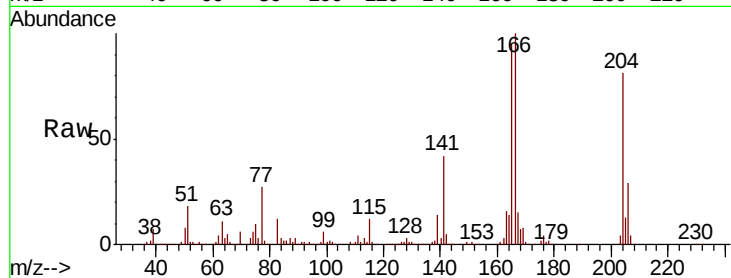
#61
4-Chlorophenyl-phenylether
Concen: 46.171 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	27.8	41.8
141	51.2	41.5	62.3

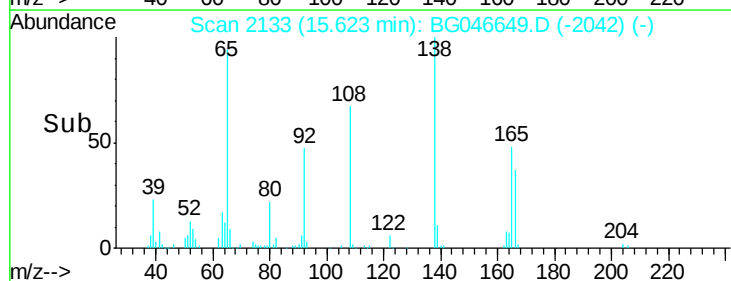
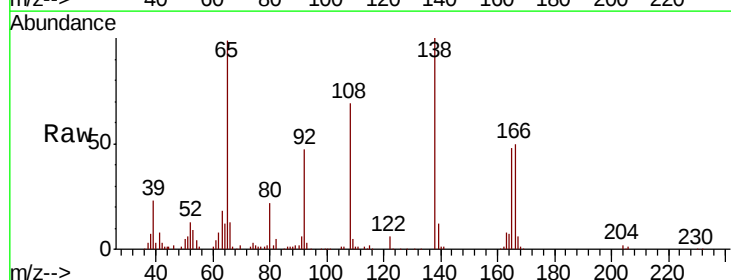
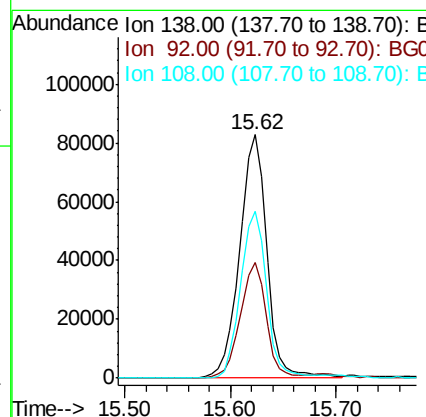
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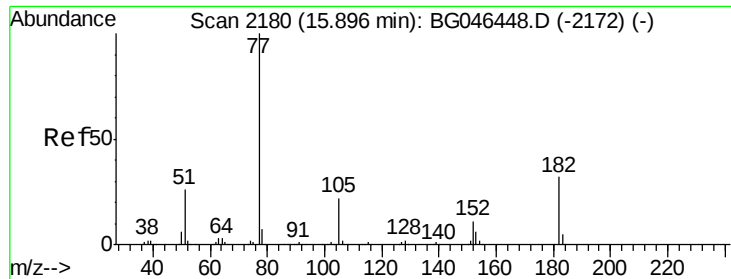
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#62
4-Nitroaniline
Concen: 39.650 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	26.9	66.9
108	68.5	49.4	89.4





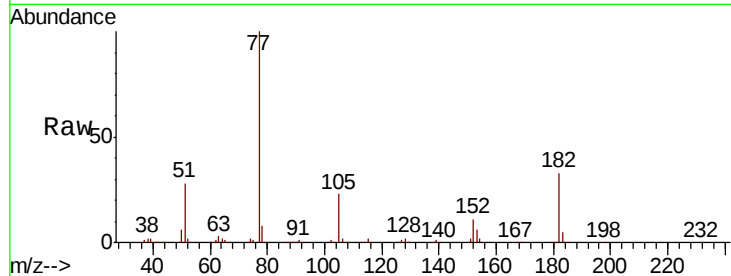
#63
Azobenzene
Concen: 48.893 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

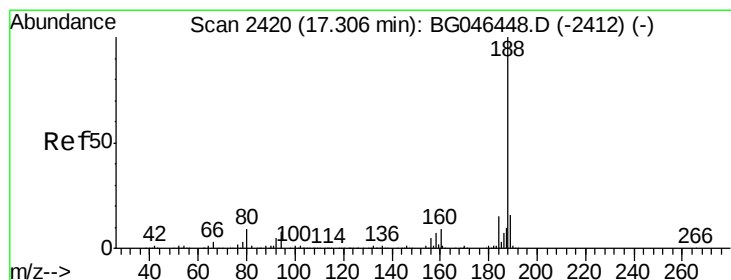
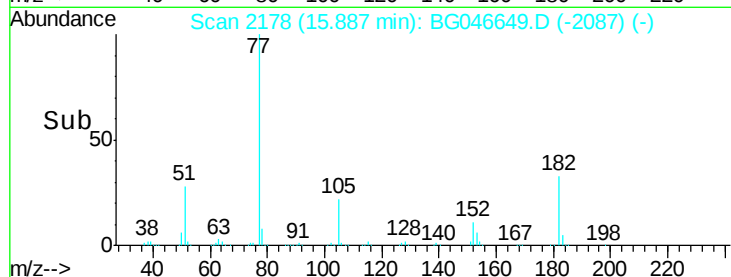
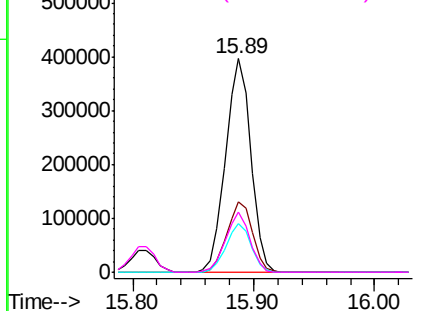
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.0	14.0	54.0	
105	22.7	3.0	43.0	
51	27.9	8.1	48.1	

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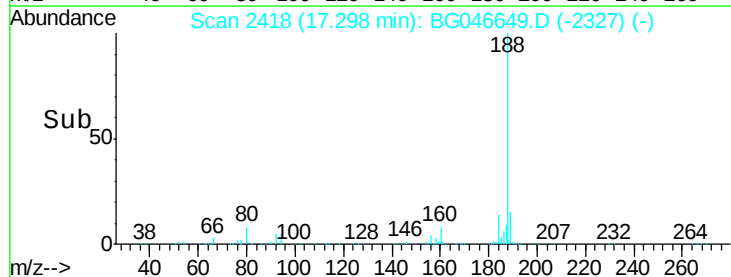
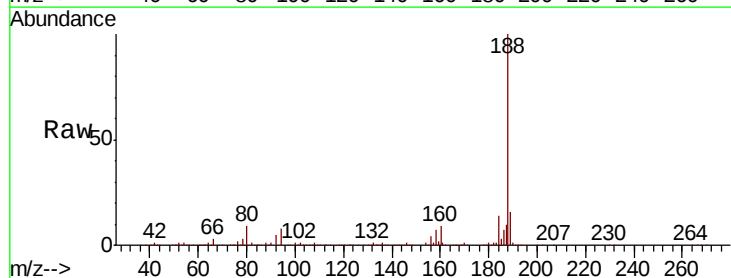
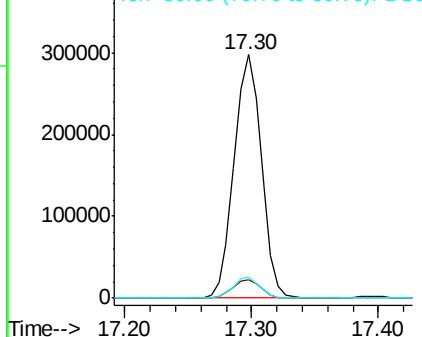
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

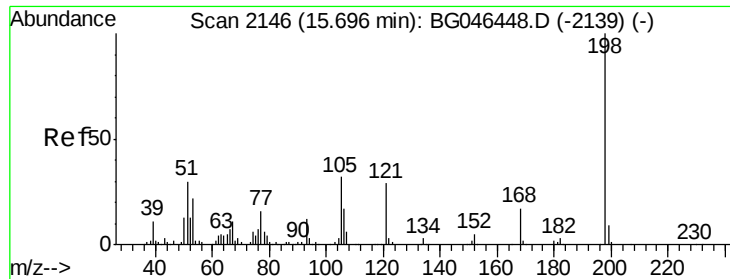


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	6.3	9.5	
80	8.7	7.0	10.6	

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





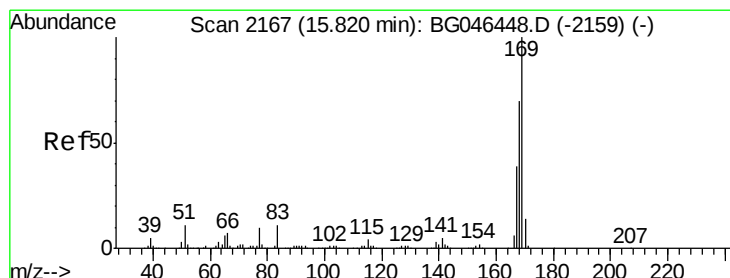
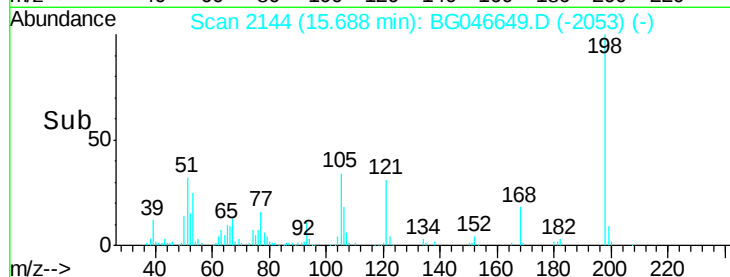
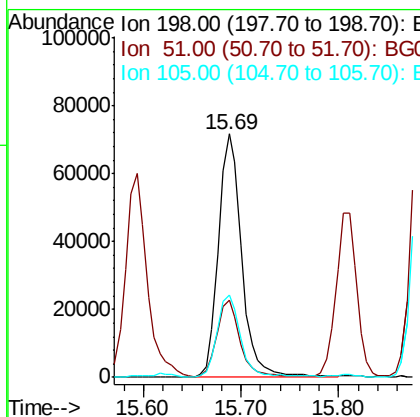
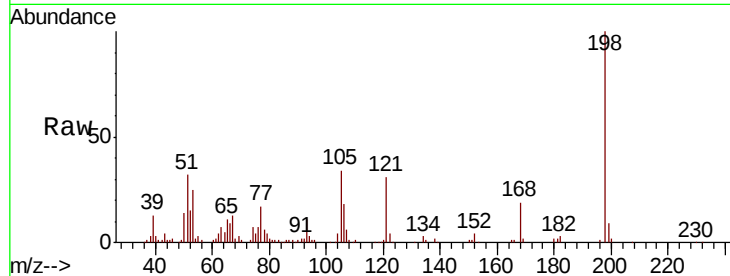
#65
4,6-Dinitro-2-methylphenol
Concen: 47.467 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	118931		
51	31.6	10.4	50.4	
105	33.7	12.9	52.9	

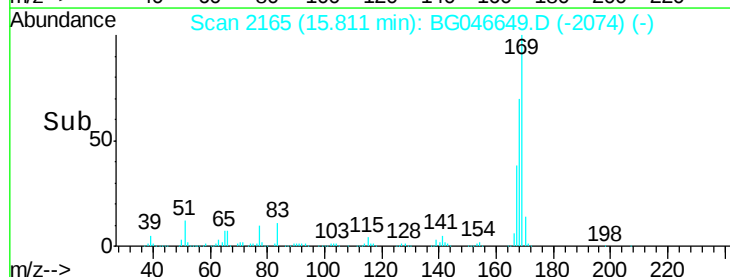
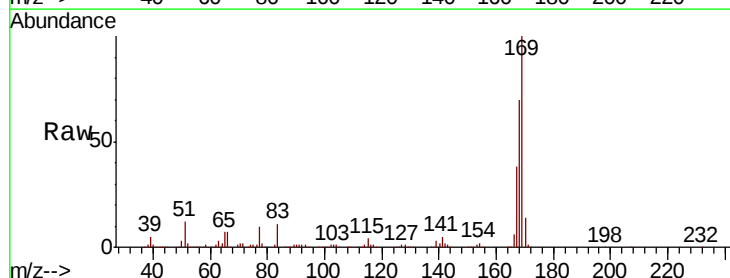
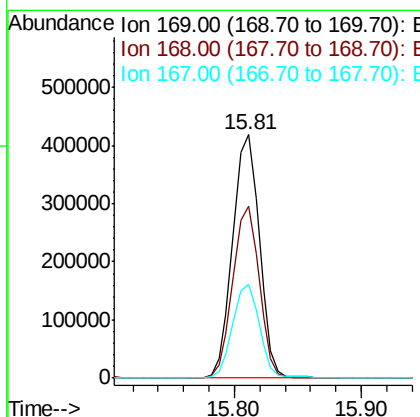
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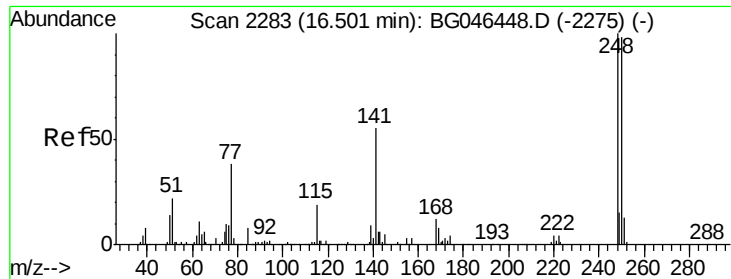
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#66
n-Nitrosodiphenylamine
Concen: 50.974 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	608744		
168	70.4	55.5	83.3	
167	38.3	30.5	45.7	





#67

4-Bromophenyl-phenylether

Concen: 49.341 ng

RT: 16.49 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

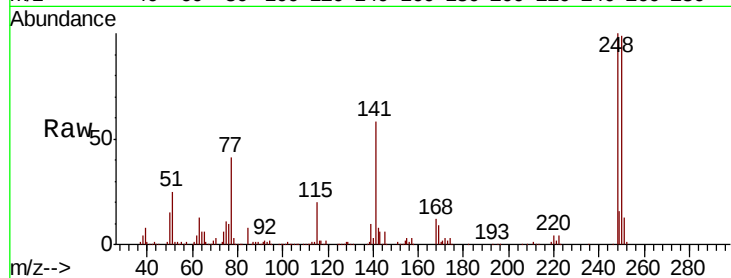
ClientSampleId :

PL-02-091520MS

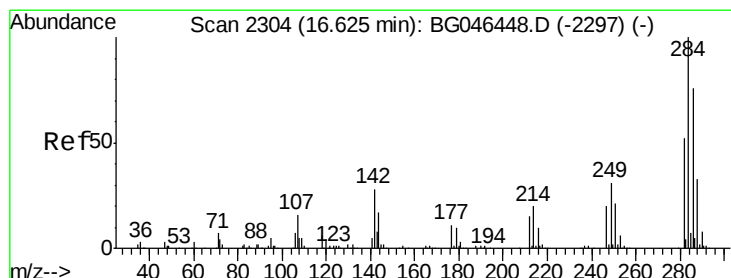
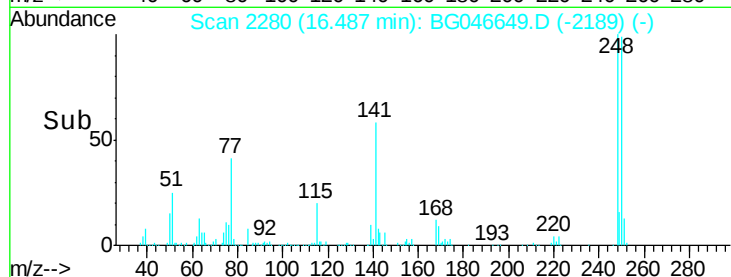
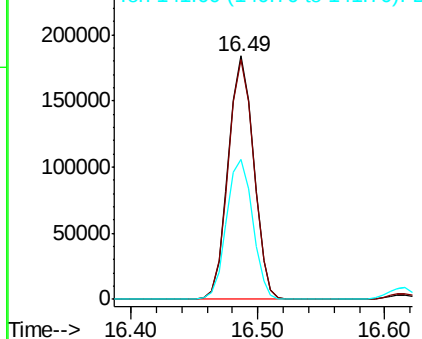
Tot Ion:	248	Resp:	254821
Ion Ratio	Lower	Upper	
248	100		
250	98.6	78.9	118.3
141	57.7	46.2	69.4

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 47.414 ng

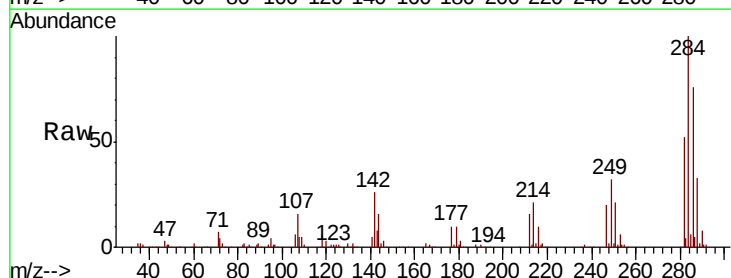
RT: 16.62 min Scan# 2302

Delta R.T. 0.00 min

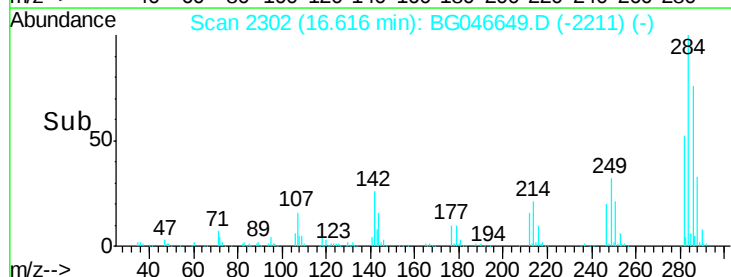
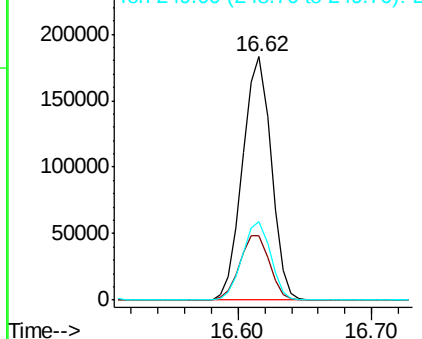
Lab File: BG046649.D

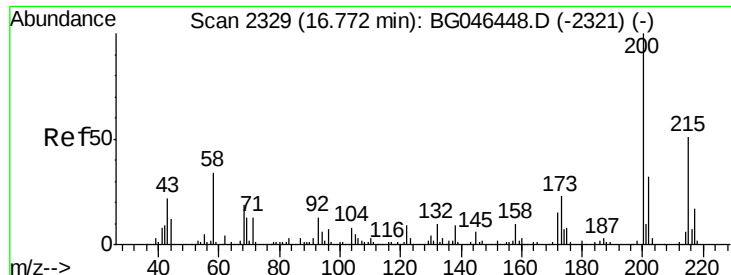
Acq: 16 Sep 2020 20:42

Tgt Ion:	284	Resp:	271190
Ion Ratio	Lower	Upper	
284	100		
142	26.2	21.1	31.7
249	32.3	25.9	38.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





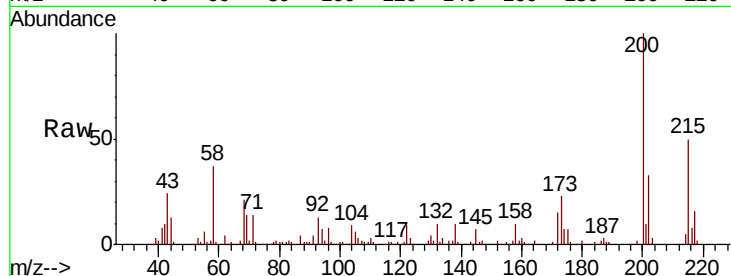
#69
Atrazine
Concen: 39.300 ng
RT: 16.76 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

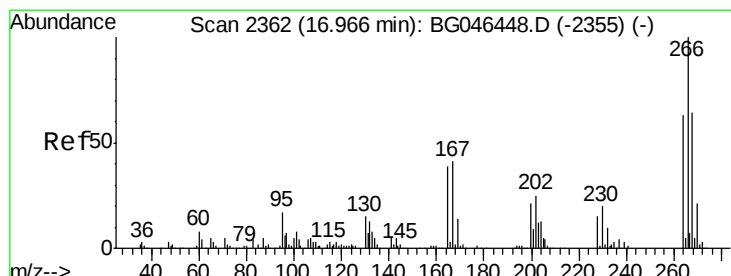
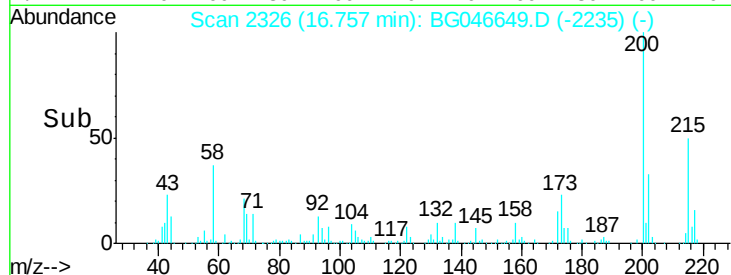
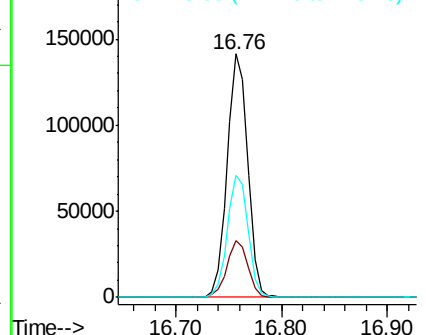
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	4.2	44.2
215	50.2	30.0	70.0

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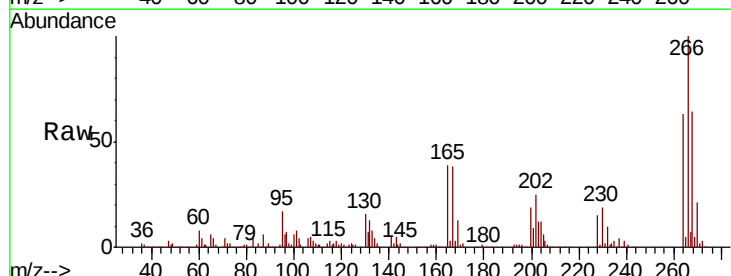


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

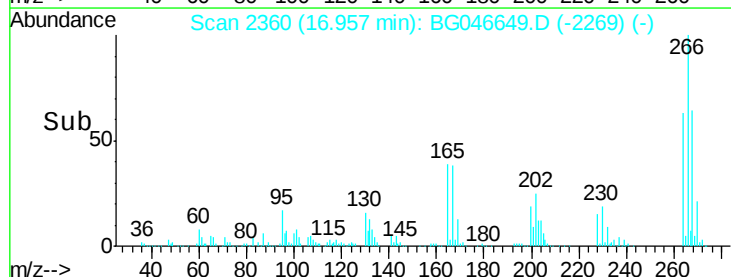
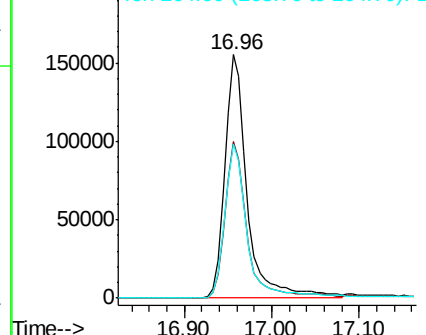


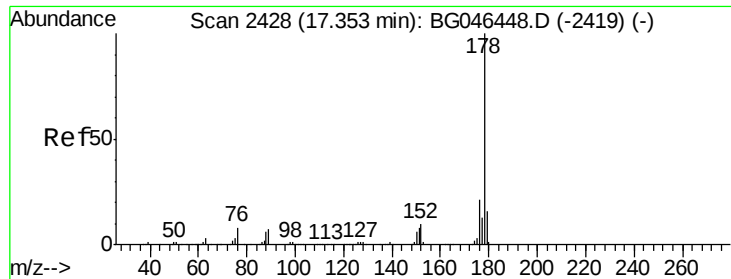
#70
Pentachlorophenol
Concen: 91.840 ng
RT: 16.96 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	49.8	74.6
264	63.4	49.3	73.9



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





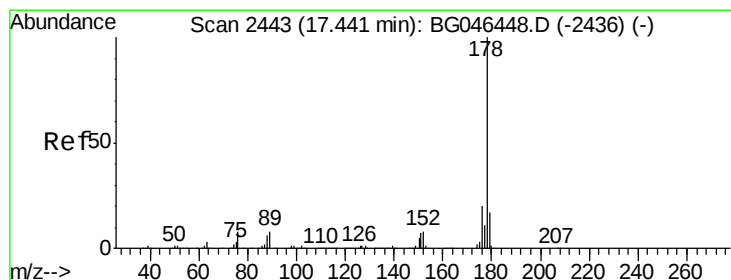
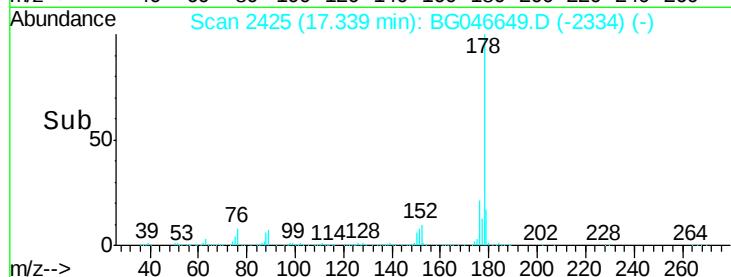
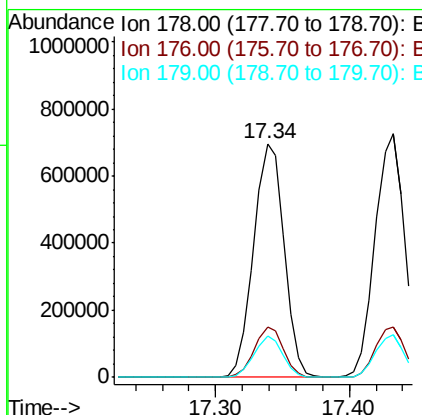
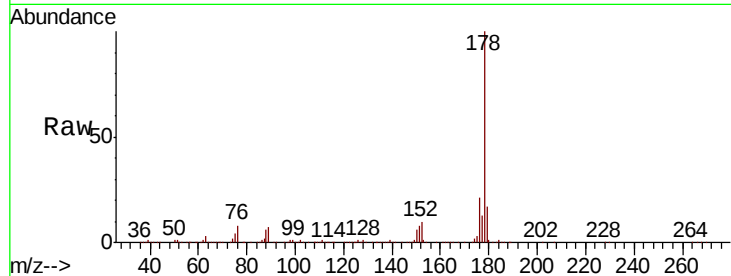
#71
Phenanthrene
Concen: 48.806 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion:178 Resp: 1095092
Ion Ratio Lower Upper
178 100
176 21.4 16.7 25.1
179 17.5 14.0 21.0

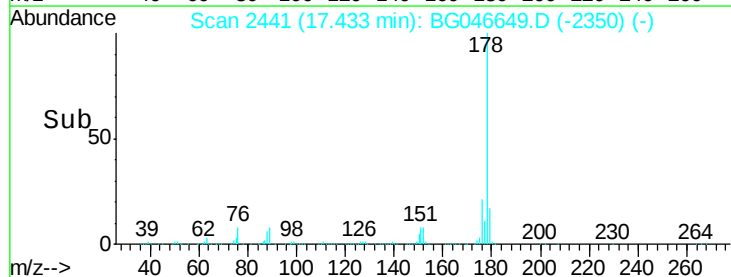
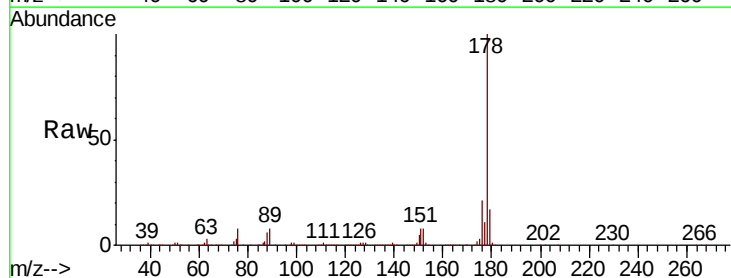
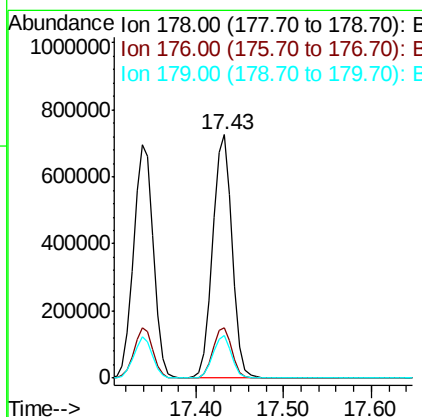
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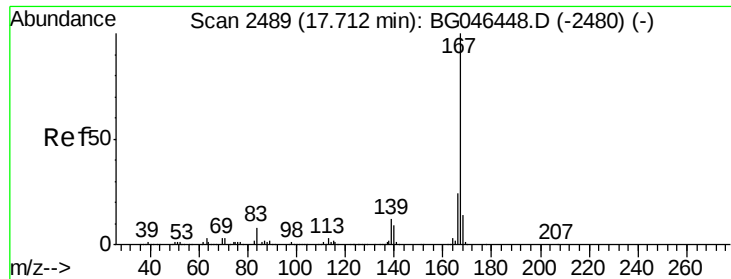
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#72
Anthracene
Concen: 50.283 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion:178 Resp: 1113137
Ion Ratio Lower Upper
178 100
176 20.8 16.4 24.6
179 17.4 13.8 20.6





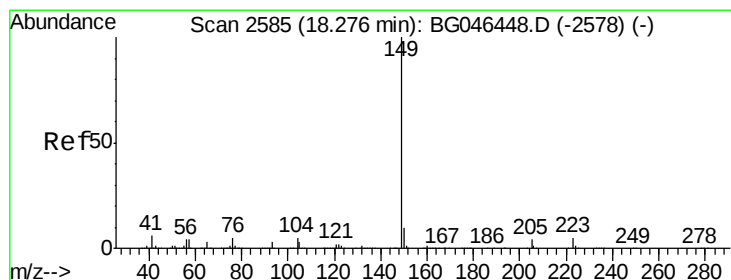
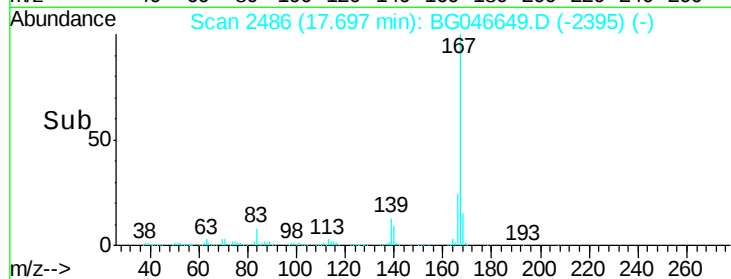
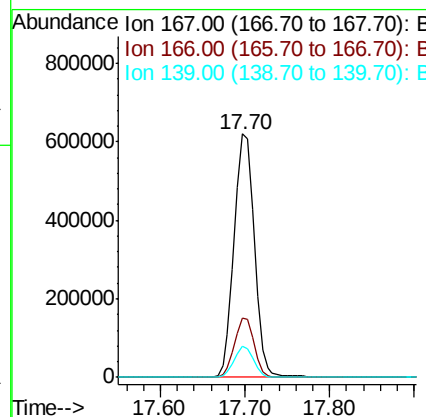
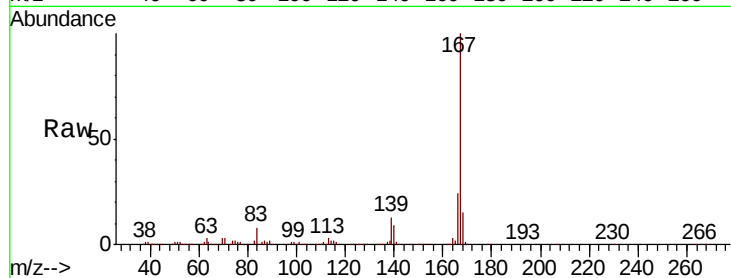
#73
 Carbazole
 Concen: 49.051 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.7	28.1
139	12.7	9.6	14.4

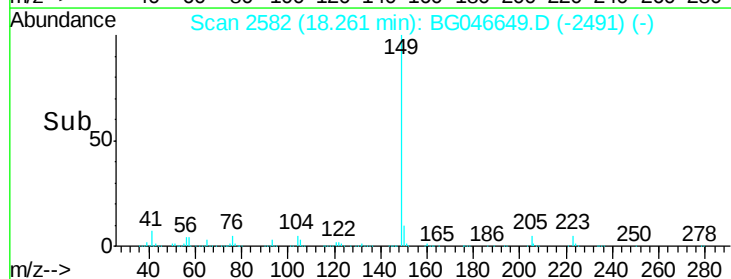
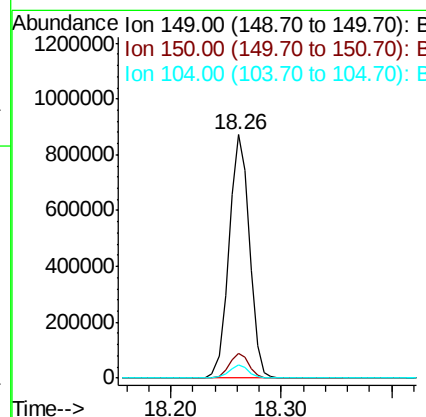
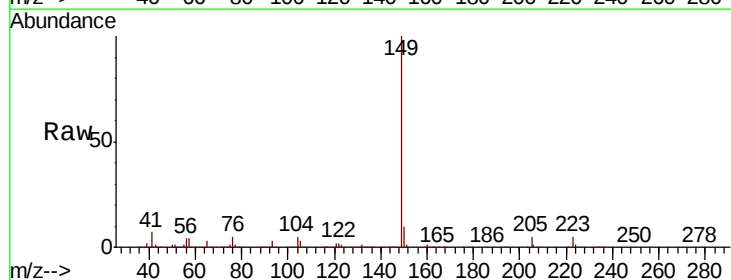
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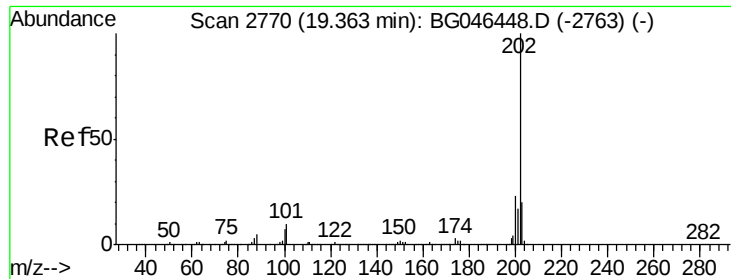
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.943 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.4
104	5.2	3.8	5.8





#75

Fluoranthene

Concen: 46.994 ng

RT: 19.35 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

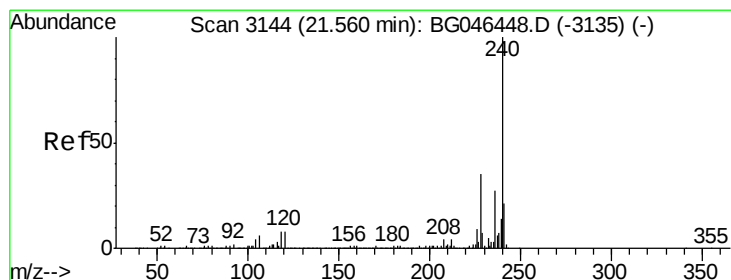
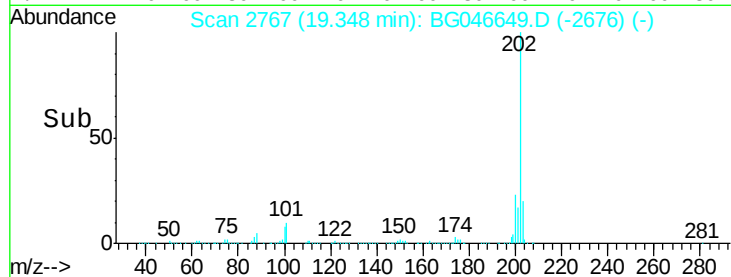
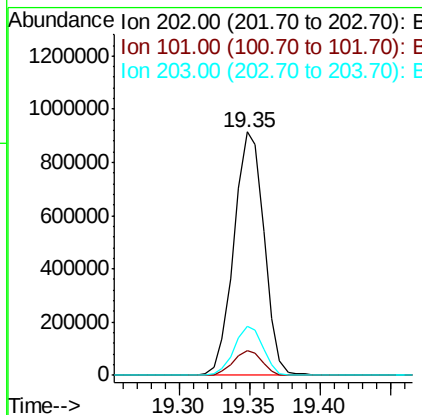
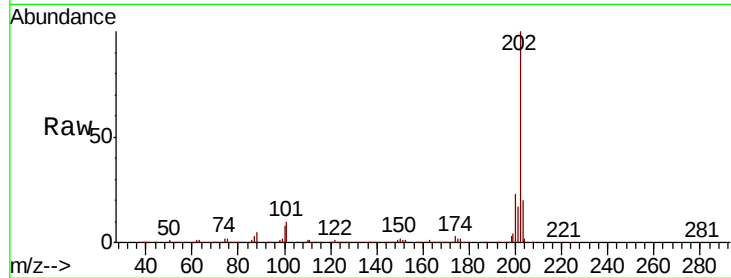
ClientSampleId :

PL-02-091520MS

Tot Ion:	202	Resp:	1356934
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	20.3	0.0	39.2

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#76

Chrysene-d12

Concen: 20.000 ng

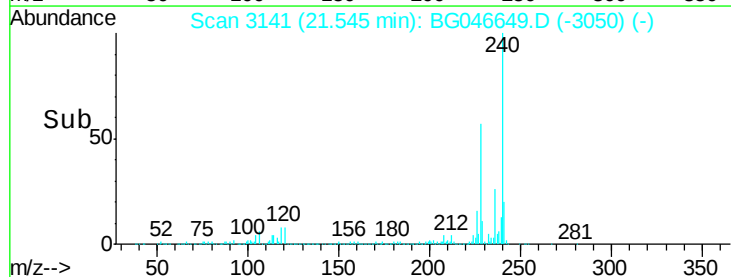
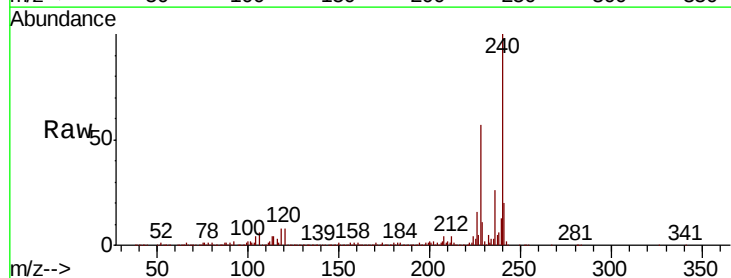
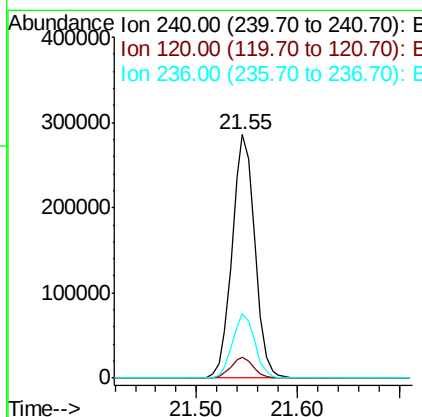
RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Tgt Ion:	240	Resp:	443694
Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.2	9.4
236	26.5	20.5	30.7





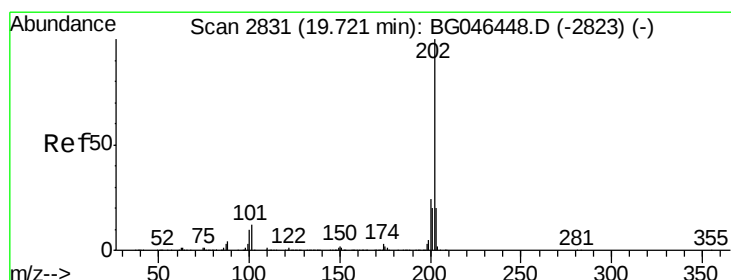
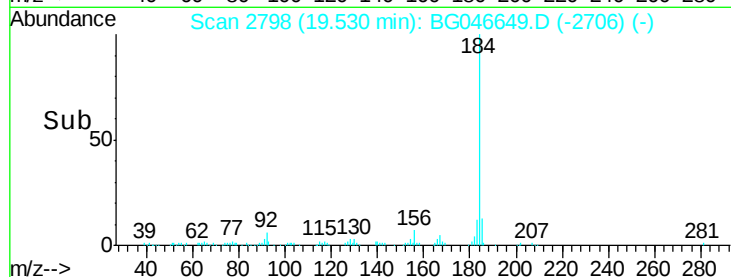
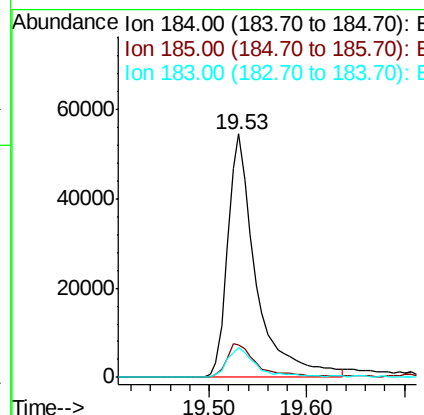
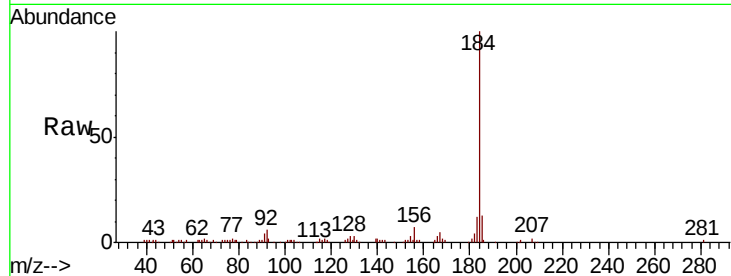
#77
Benzidine
Concen: 10.690 ng
RT: 19.53 min Scan# 2798
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion:	184	Resp:	110213
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.4	18.6
183	12.1	10.6	15.8

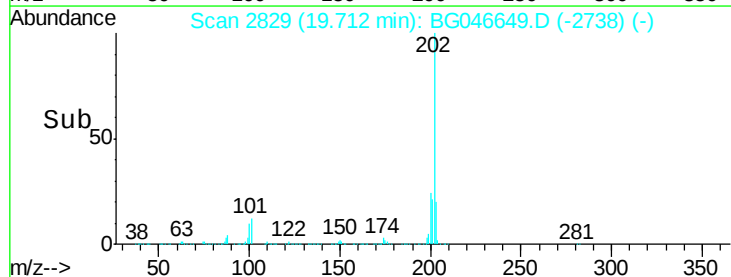
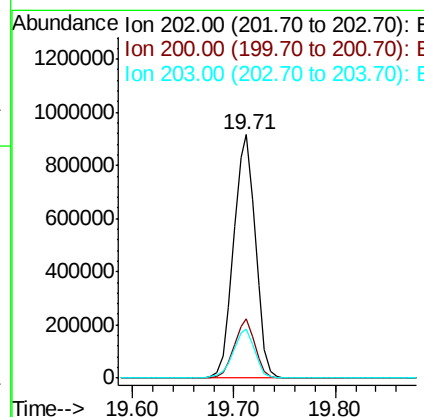
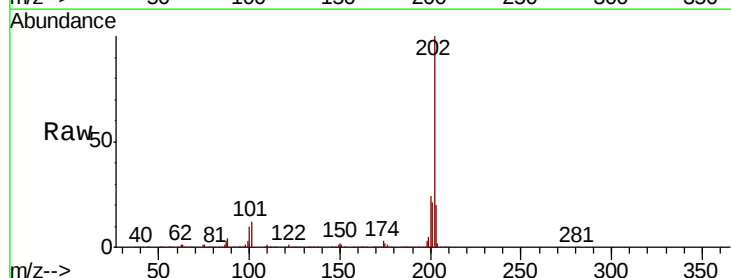
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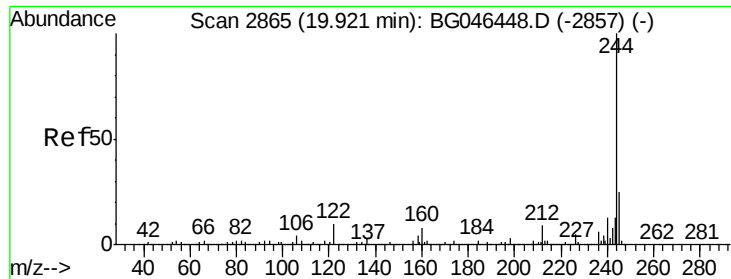
mohammad
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#78
Pyrene
Concen: 48.229 ng
RT: 19.71 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion:	202	Resp:	1362655
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.6	27.8
203	20.4	15.3	22.9





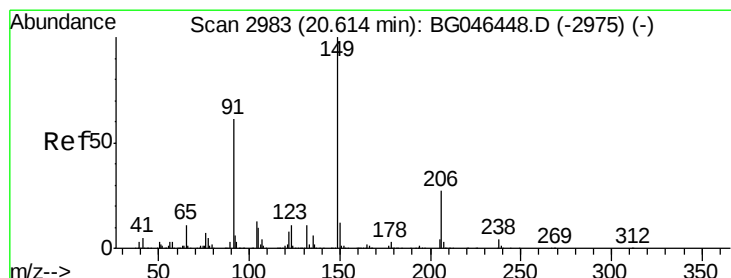
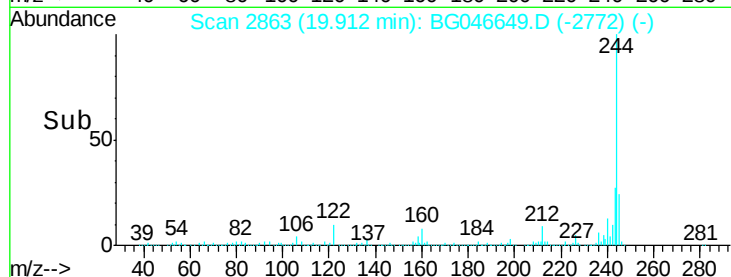
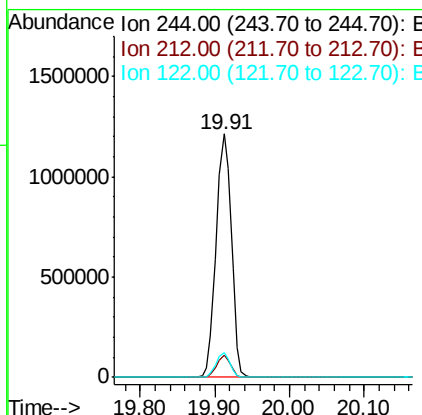
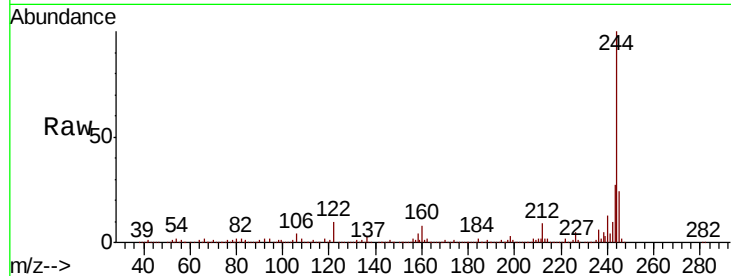
#79
 Terphenyl-d14
 Concen: 82.553 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.7	10.1
122	10.0	7.8	11.6

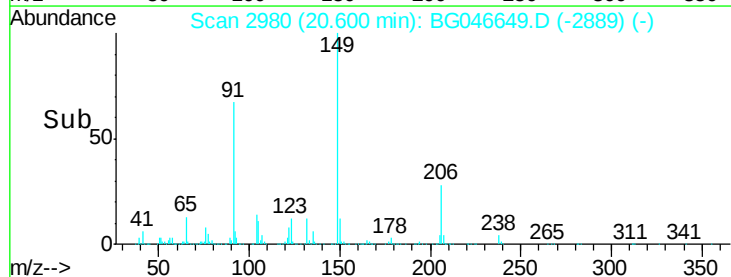
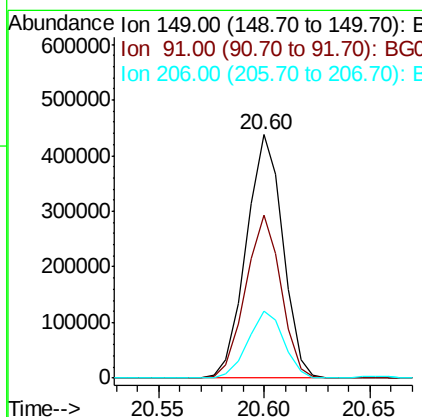
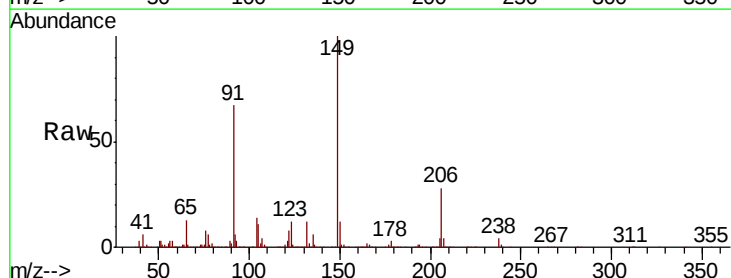
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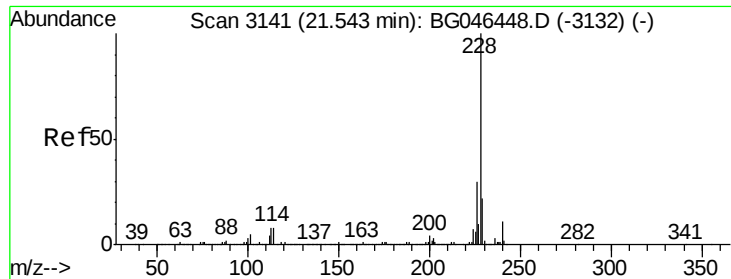
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.602 ng
 RT: 20.60 min Scan# 2980
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.7	51.5	77.3
206	27.6	21.2	31.8





#81

Benzo(a)anthracene

Concen: 47.374 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

Instrument :

BNA_G

ClientSampleId :

PL-02-091520MS

Tot Ion:228 Resp: 1310133

Ion Ratio Lower Upper

228 100

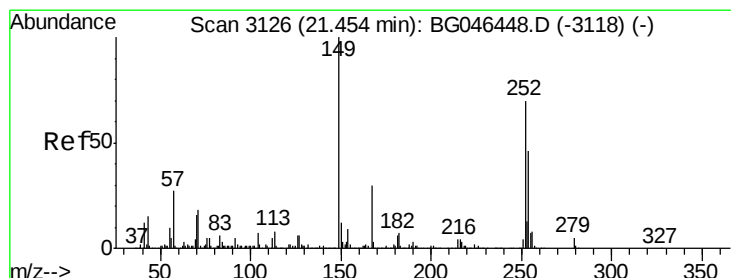
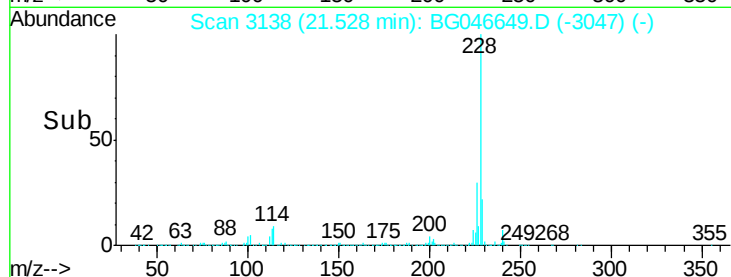
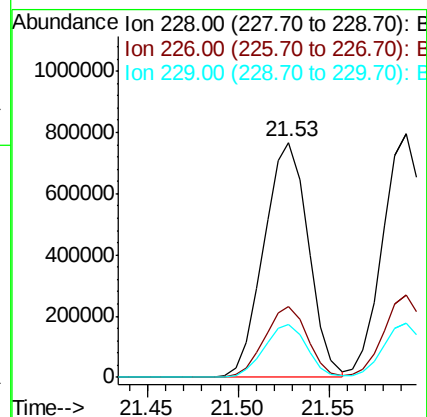
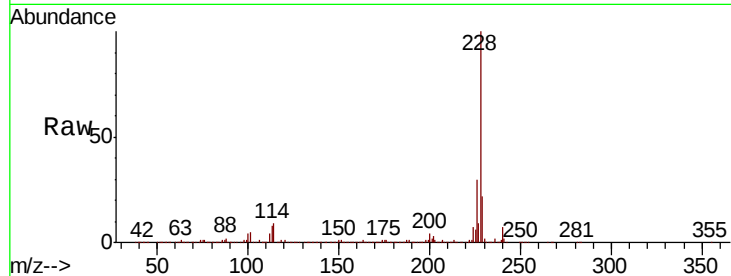
226 30.2 23.3 34.9

229 22.4 17.4 26.0

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#82

3,3'-Dichlorobenzidine

Concen: 20.827 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG046649.D

Acq: 16 Sep 2020 20:42

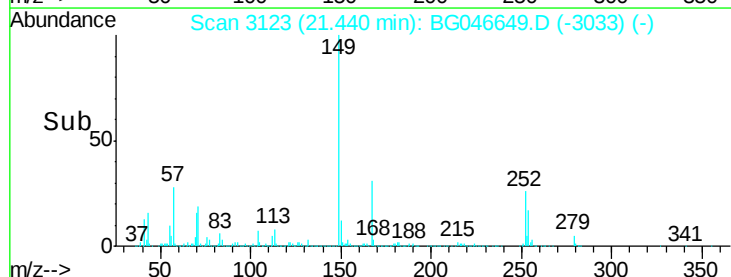
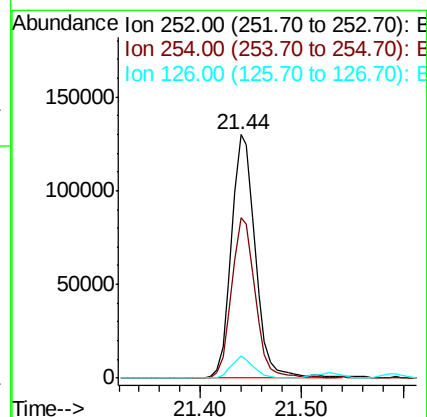
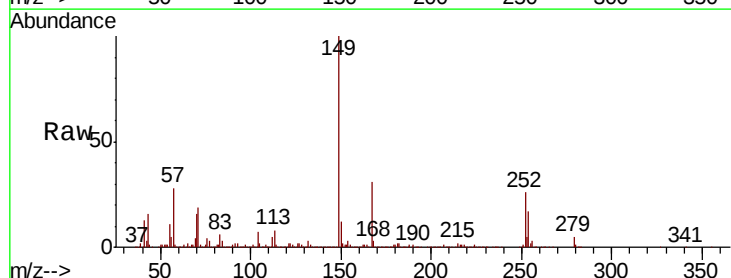
Tgt Ion:252 Resp: 213747

Ion Ratio Lower Upper

252 100

254 65.8 53.2 79.8

126 8.9 6.8 10.2





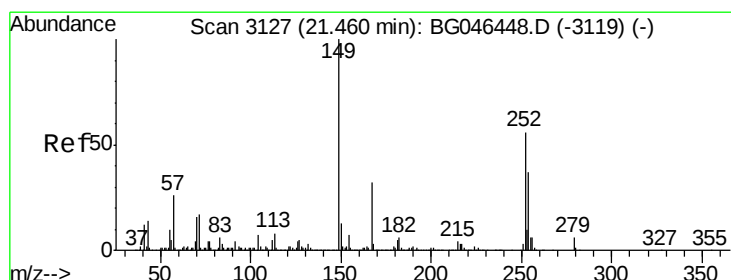
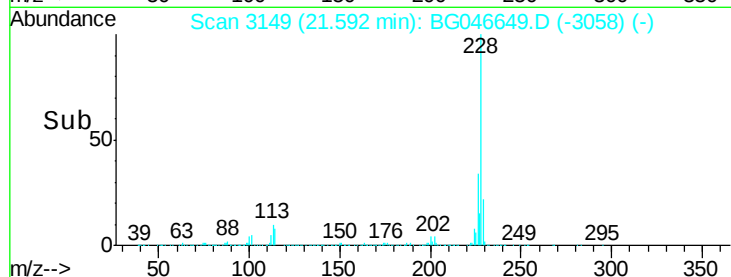
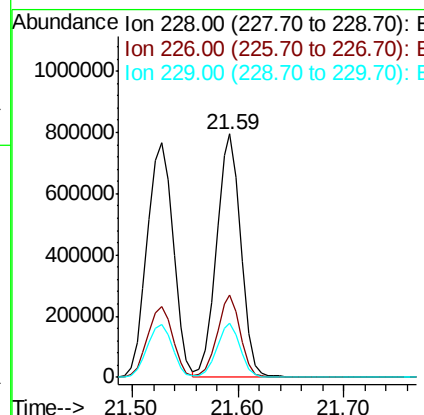
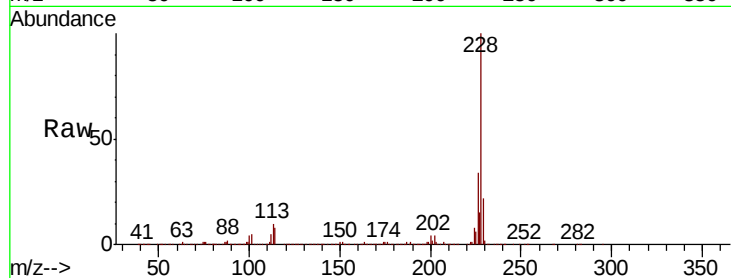
#83
 Chrvsene
 Concen: 47.869 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.4
229	22.3	17.3	25.9

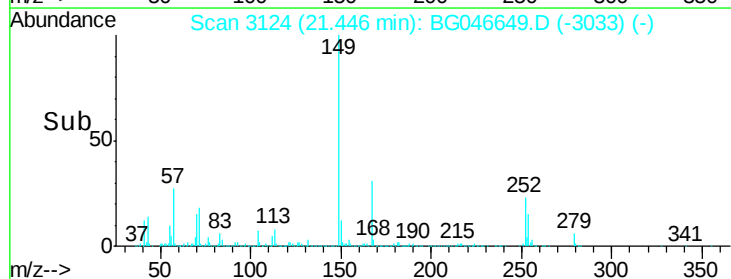
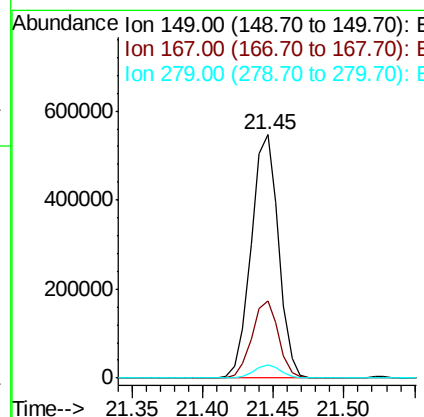
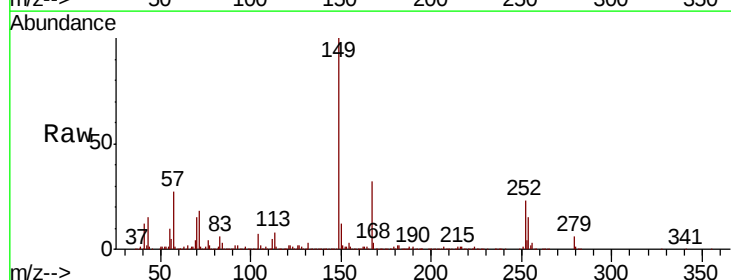
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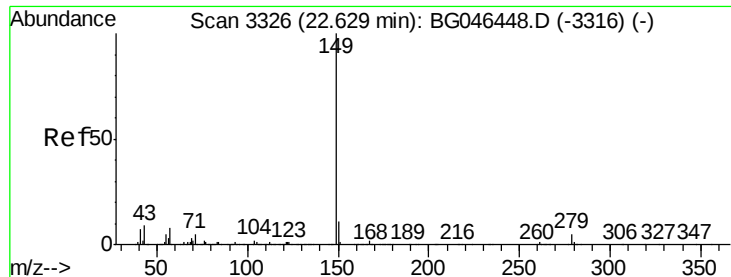
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.354 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.8	37.2
279	5.6	4.6	7.0





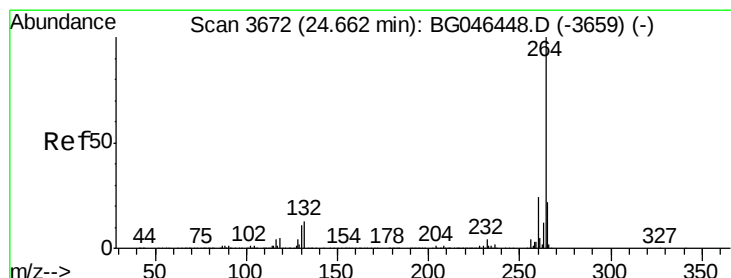
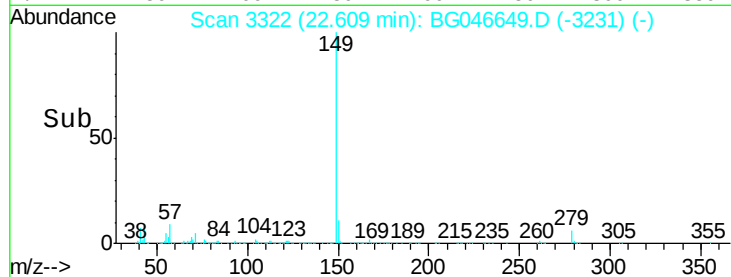
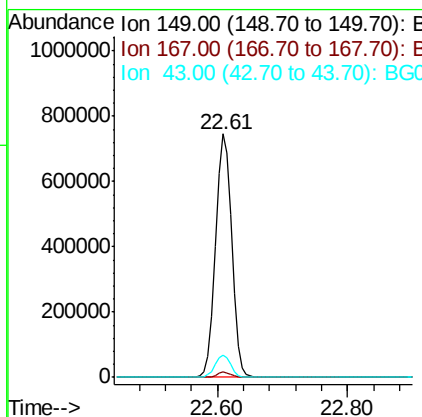
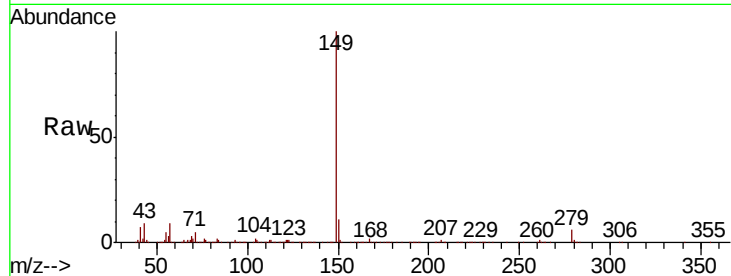
#85
Di-n-octyl phthalate
Concen: 49.751 ng
RT: 22.61 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.7	6.8	10.2

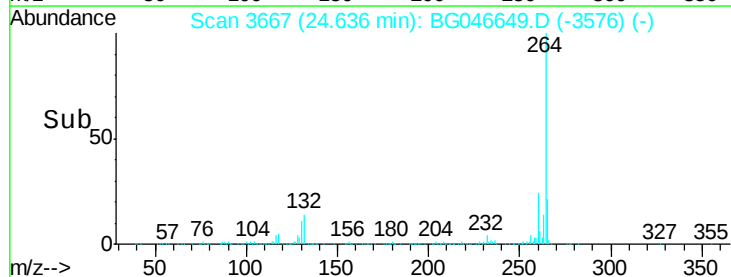
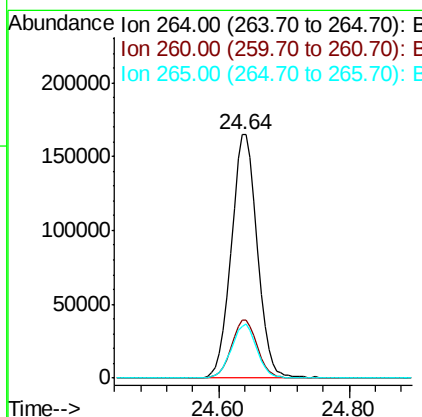
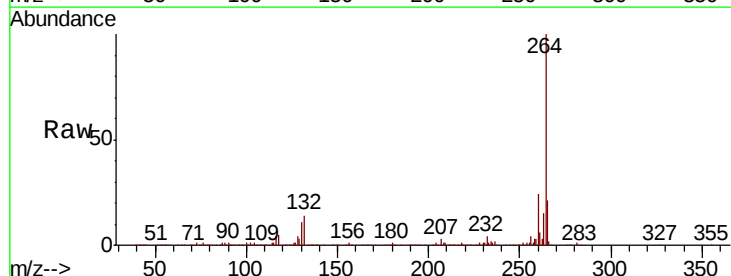
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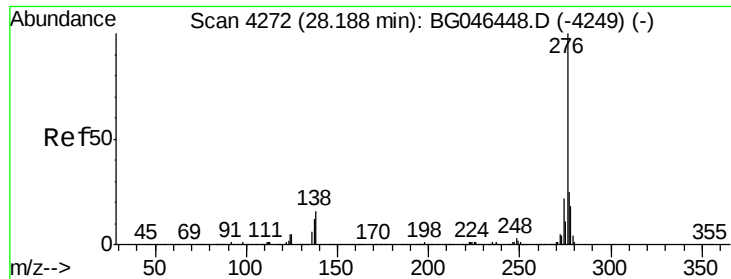
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.1	17.8	26.8





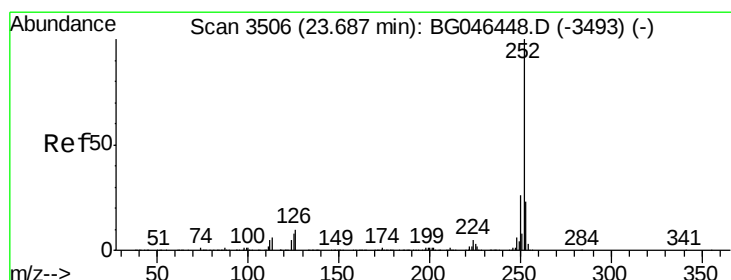
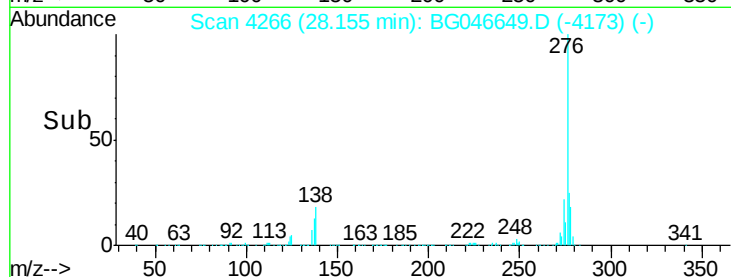
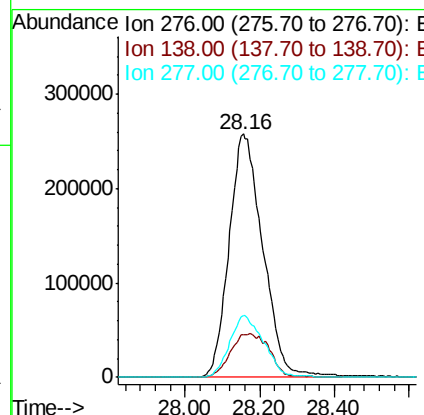
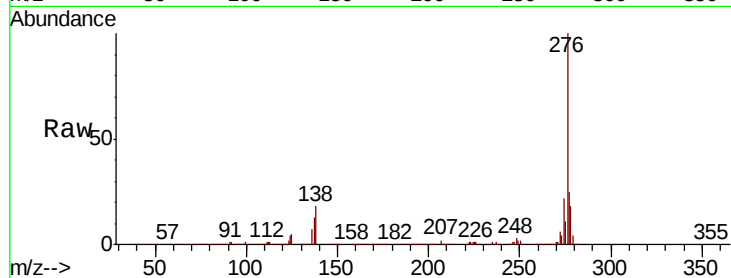
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.550 ng
 RT: 28.16 min Scan# 4266
 Delta R.T. 0.01 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.2	24.2
277	25.8	20.3	30.5

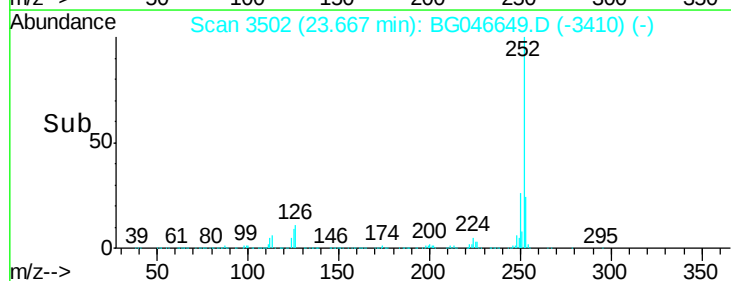
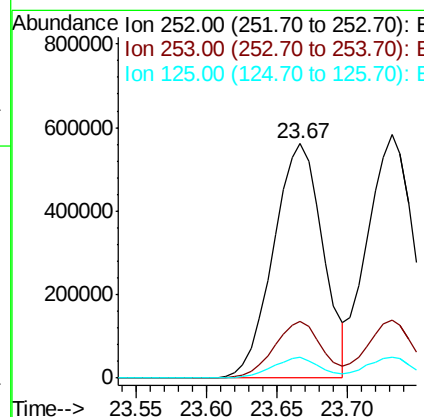
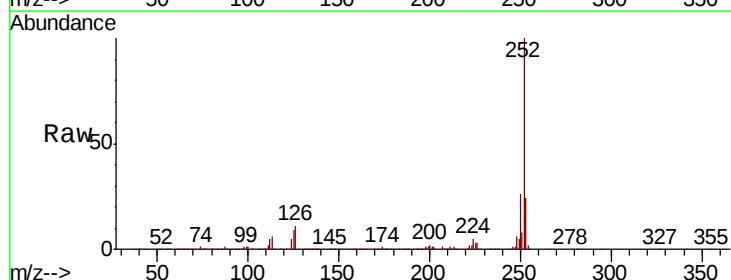
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#88
 Benzo(b)fluoranthene
 Concen: 48.349 ng
 RT: 23.67 min Scan# 3502
 Delta R.T. 0.01 min
 Lab File: BG046649.D
 Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	8.7	6.5	9.7





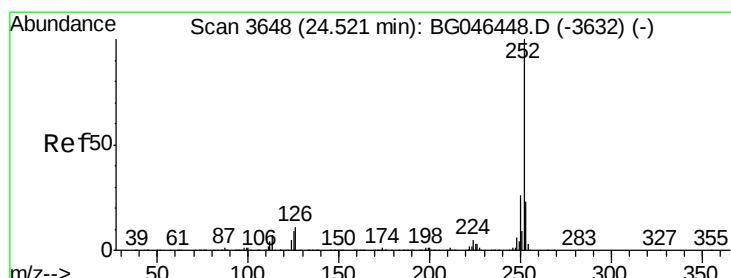
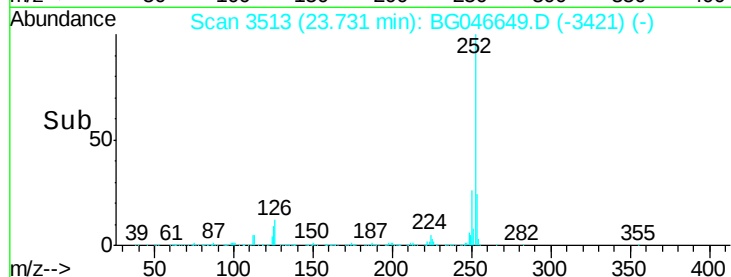
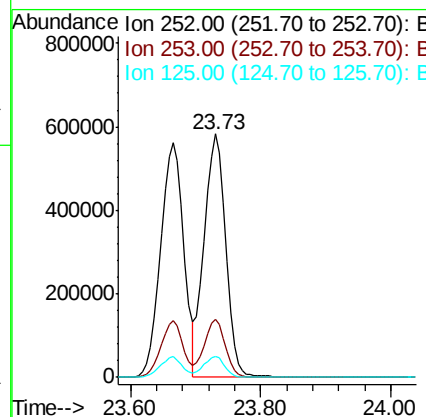
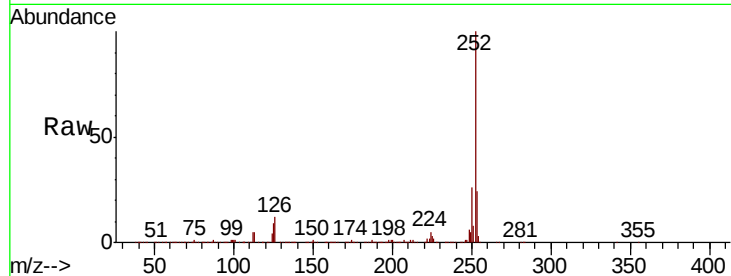
#89
Benzo(k)fluoranthene
Concen: 48.835 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	8.6	6.8	10.2

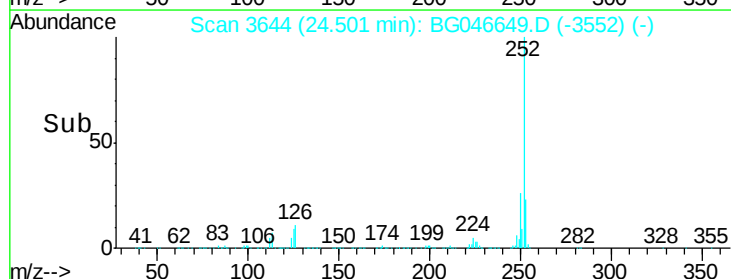
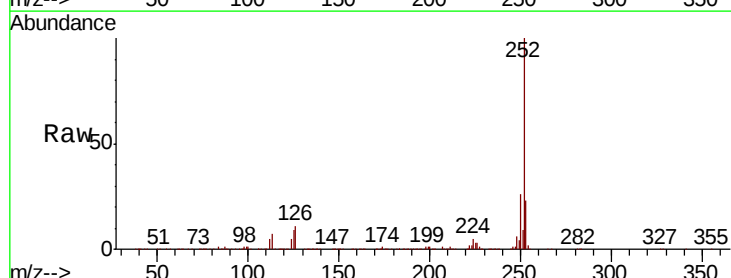
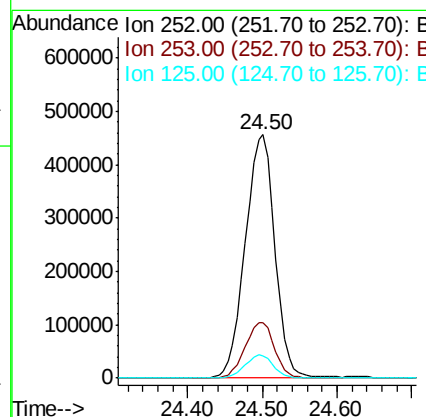
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#90
Benzo(a)pyrene
Concen: 47.351 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.2	7.0	10.4





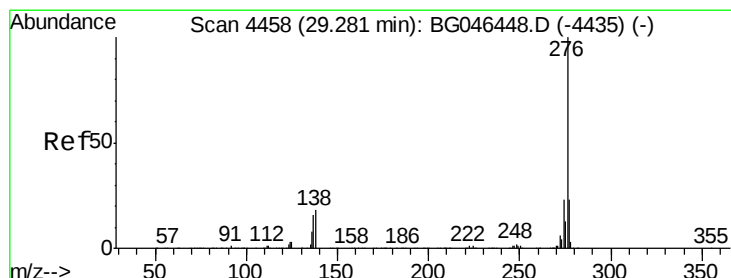
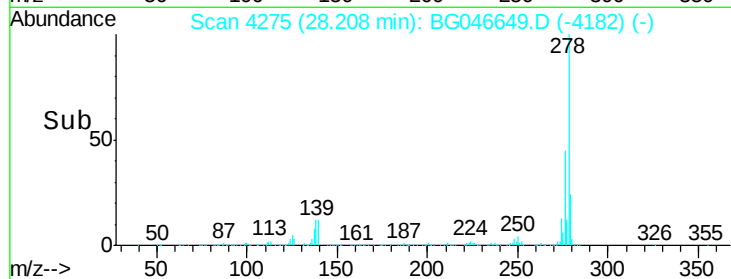
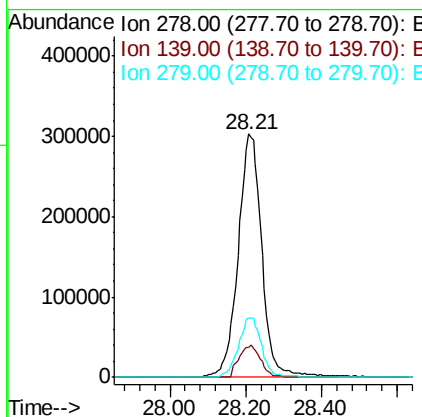
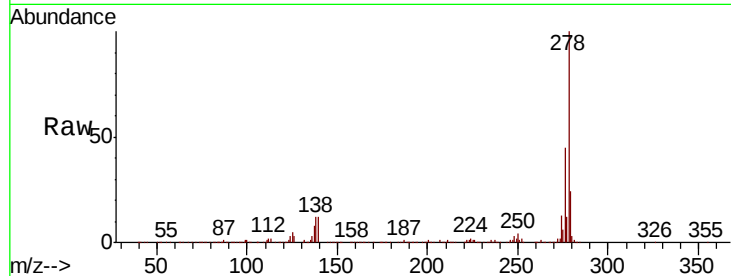
#91
Dibenzo(a,h)anthracene
Concen: 50.098 ng
RT: 28.21 min Scan# 4275
Delta R.T. 0.01 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.5	15.7
279	24.2	19.4	29.0

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#92
Benzo(g,h,i)perylene
Concen: 51.476 ng
RT: 29.25 min Scan# 4452
Delta R.T. 0.02 min
Lab File: BG046649.D
Acq: 16 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	17.9	13.4	20.2

