

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045852.D
 Acq On : 24 Jun 2020 19:56
 Operator : CG/JU
 Sample : L3089-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Manual Integrations
 APPROVED

mohammad
 6/25/2020 1:06:41 PM

Quant Time: Jun 25 00:55:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55180	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	214058	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	151985	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343855	20.00	ng	0.00
76) Chrysene-d12	21.57	240	323880	20.00	ng	0.00
86) Perylene-d12	24.70	264	349716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	376808	115.35	ng	-0.01
7) Phenol-d6	7.14	99	460422	92.66	ng	-0.02
23) Nitrobenzene-d5	9.08	82	393474	83.97	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	283089	123.37	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	869093	84.03	ng	0.00
79) Terphenyl-d14	19.94	244	1415524	88.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	51949	34.723	ng	# 30
3) Pyridine	3.78	79	137952	31.116	ng	98
4) n-Nitrosodimethylamine	3.69	42	62309	41.870	ng	# 90
6) Aniline	7.25	93	200447	34.262	ng	97
8) 2-Chlorophenol	7.50	128	158859	45.434	ng	97
9) Benzaldehyde	7.05	77	75552	25.316	ng	97
10) Phenol	7.17	94	171571	35.637	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	152485	41.699	ng	97
12) 1,3-Dichlorobenzene	7.81	146	170546	40.930	ng	98
13) 1,4-Dichlorobenzene	7.95	146	172752	41.507	ng	96
14) 1,2-Dichlorobenzene	8.27	146	162875	40.878	ng	98
15) Benzyl Alcohol	8.17	79	167322	43.516	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	140341	40.721	ng	82
17) 2-Methylphenol	8.40	107	137004	38.238	ng	94
18) Hexachloroethane	9.00	117	66890	42.316	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	139509	42.707	ng	99
20) 3+4-Methylphenols	8.74	107	178734	37.931	ng	# 64
22) Acetophenone	8.74	105	252437	42.966	ng	# 95
24) Nitrobenzene	9.12	77	212907	42.615	ng	99
25) Isophorone	9.64	82	379796	41.869	ng	98
26) 2-Nitrophenol	9.84	139	93578	44.958	ng	97
27) 2,4-Dimethylphenol	9.93	122	142584	44.869	ng	92
28) bis(2-Chloroethoxy)methane	10.13	93	208310	43.963	ng	99
29) 2,4-Dichlorophenol	10.40	162	167861	45.275	ng	96
30) 1,2,4-Trichlorobenzene	10.59	180	186448	42.479	ng	99
31) Naphthalene	10.77	128	503960	43.063	ng	100
32) Benzoic acid	10.13	122	68687	36.072	ng	97
33) 4-Chloroaniline	10.90	127	93224	19.022	ng	96
34) Hexachlorobutadiene	11.06	225	129519	41.492	ng	98
35) Caprolactam	11.67	113	38809m	32.347	ng	
36) 4-Chloro-3-methylphenol	12.06	107	191129	44.648	ng	97
37) 2-Methylnaphthalene	12.38	142	379018	43.493	ng	99
38) 1-Methylnaphthalene	12.60	142	361073	43.784	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	217508	43.463	ng	98

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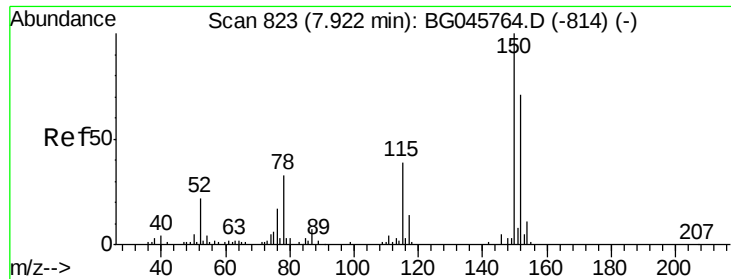
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Quant Time: Jun 25 00:55:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	219564	79.488	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	146887	43.290	nq	96
44) 2,4,5-Trichlorophenol	13.11	196	149449	38.646	nq	96
46) 1,1'-Biphenyl	13.40	154	476780	43.817	nq	100
47) 2-Chloronaphthalene	13.44	162	375696	42.743	nq	99
48) 2-Nitroaniline	13.66	65	123837	42.355	nq	99
49) Acenaphthylene	14.29	152	605218	42.988	nq	99
50) Dimethylphthalate	14.03	163	582427	48.917	nq	100
51) 2,6-Dinitrotoluene	14.14	165	113608	42.483	nq	92
52) Acenaphthene	14.63	154	360592	42.254	nq	99
53) 3-Nitroaniline	14.48	138	78543	29.404	nq	92
54) 2,4-Dinitrophenol	14.70	184	79669	56.809	nq	94
55) Dibenzofuran	14.97	168	592766	42.758	nq	97
56) 4-Nitrophenol	14.85	139	109076	58.138	nq	99
57) 2,4-Dinitrotoluene	14.94	165	162844	42.501	nq	99
58) Fluorene	15.62	166	493922	42.846	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	143610	42.787	nq	98
60) Diethylphthalate	15.39	149	512804	42.131	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	274067	41.249	nq	97
62) 4-Nitroaniline	15.65	138	109696	40.015	nq	90
63) Azobenzene	15.90	77	498373	42.643	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	83210	39.157	nq	98
66) n-Nitrosodiphenylamine	15.83	169	429968	44.147	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	188006	42.079	nq	98
68) Hexachlorobenzene	16.63	284	207349	44.754	nq	97
69) Atrazine	16.78	200	169025	44.724	nq	96
70) Pentachlorophenol	16.99	266	165409	73.118	nq	95
71) Phenanthrene	17.36	178	766003	43.194	nq	98
72) Anthracene	17.45	178	792502	44.877	nq	98
73) Carbazole	17.73	167	707666	42.086	nq	100
74) Di-n-butylphthalate	18.29	149	852579	42.823	nq	100
75) Fluoranthene	19.37	202	937433	42.988	nq	99
77) Benzidine	19.55	184	342752	40.707	nq	99
78) Pyrene	19.74	202	919279	42.386	nq	98
80) Butylbenzylphthalate	20.62	149	383615	42.257	nq	97
81) Benzo(a)anthracene	21.56	228	910792	43.374	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	232621	29.287	nq	98
83) Chrysene	21.62	228	884614	43.555	nq	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	545290	43.183	nq	# 97
85) Di-n-octyl phthalate	22.64	149	916780	42.091	nq	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1135687	44.795	nq	# 98
88) Benzo(b)fluoranthene	23.71	252	984693	44.908	nq	97
89) Benzo(k)fluoranthene	23.78	252	933728	44.493	nq	98
90) Benzo(a)pyrene	24.55	252	895482	43.719	nq	98
91) Dibenzo(a,h)anthracene	28.31	278	929930	45.740	nq	100
92) Benzo(g,h,i)perylene	29.36	276	932629	45.831	nq	98

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



#1

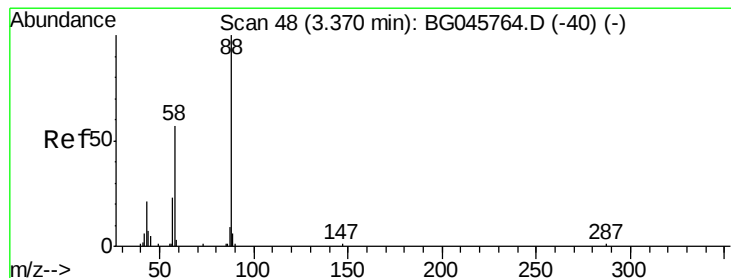
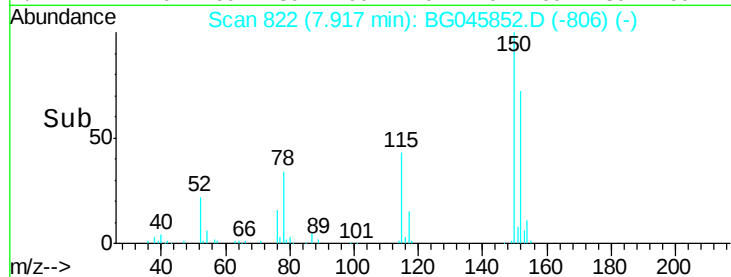
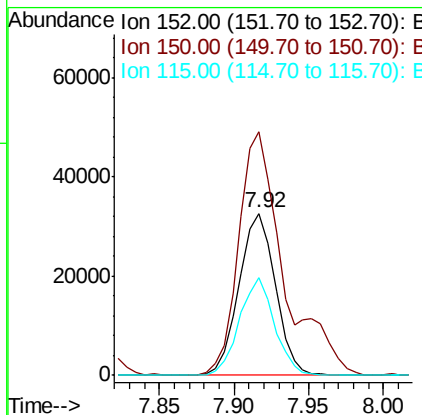
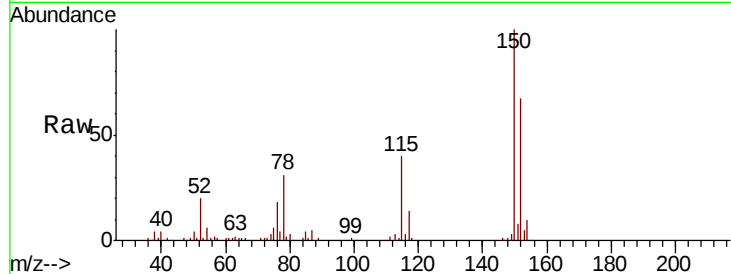
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	113.1	169.7
115	60.6	43.8	65.6

Manual Integrations
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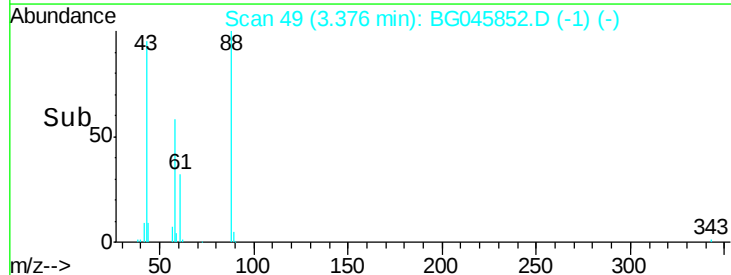
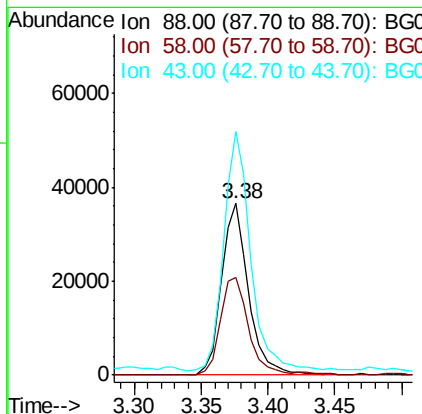
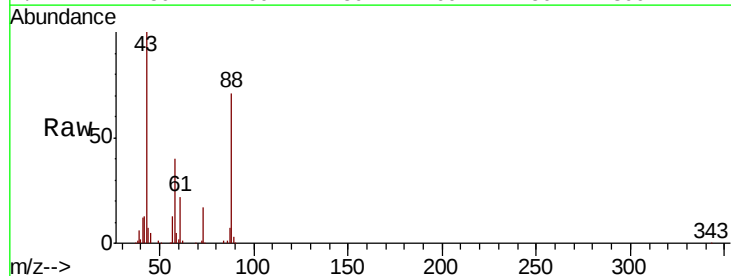
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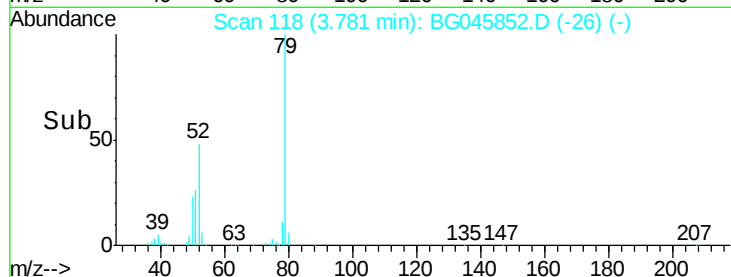
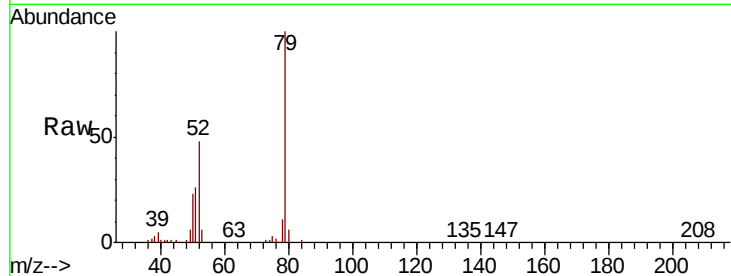
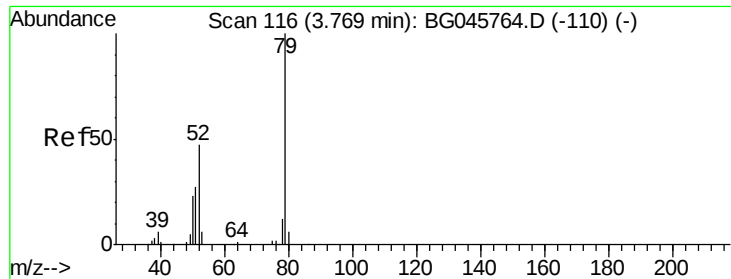


#2

1,4-Dioxane
Concen: 34.723 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	46.1	69.1
43	139.8	19.2	28.8#





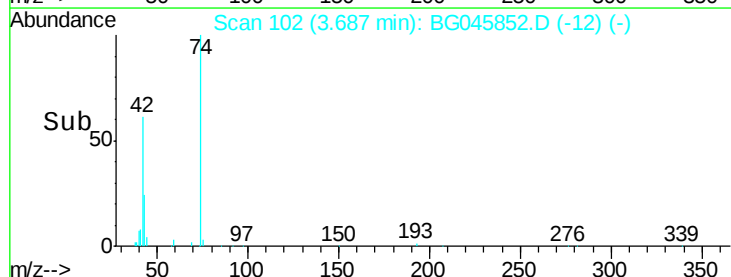
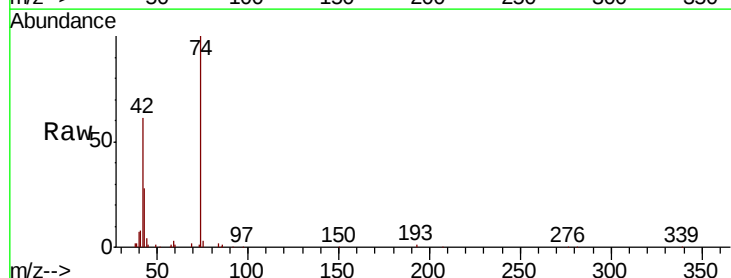
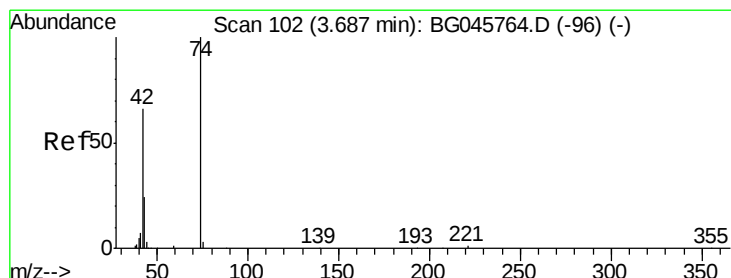
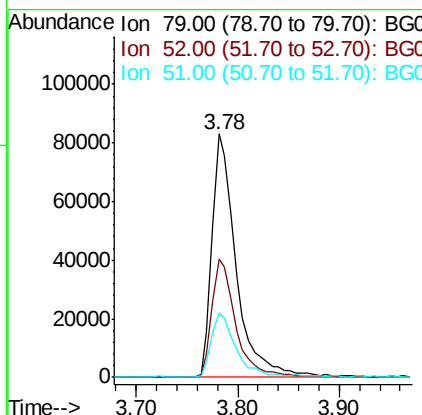
#3
Pvridine
Concen: 31.116 ng
RT: 3.78 min Scan# 118
Delta R.T. 0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.5	37.9	56.9
51	26.3	22.0	33.0

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

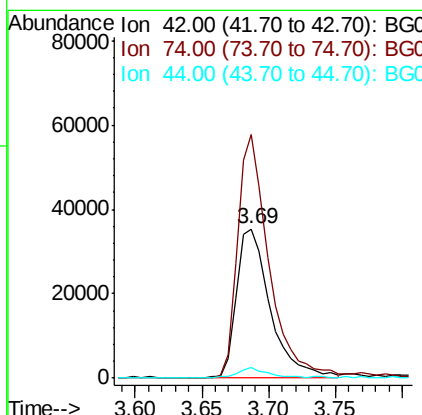
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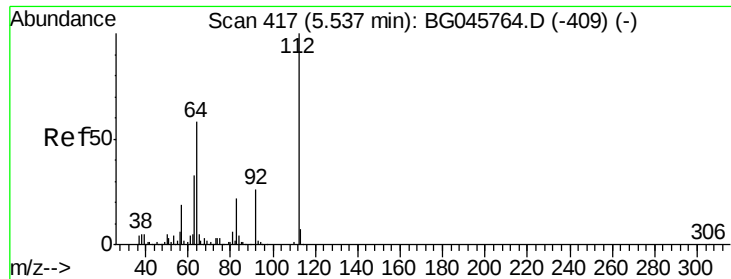
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#4
n-Nitrosodimethylamine
Concen: 41.870 ng
RT: 3.69 min Scan# 102
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.5	121.0	181.4
44	7.1	3.5	5.3#





#5

2-Fluorophenol

Concen: 115.353 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

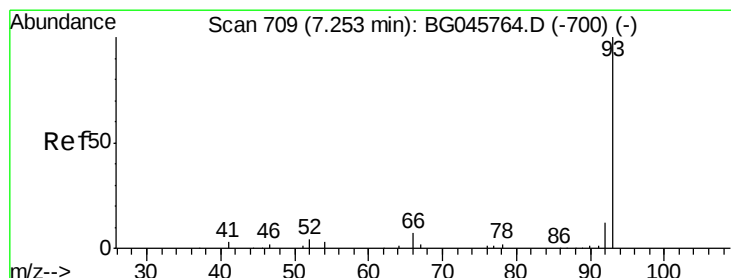
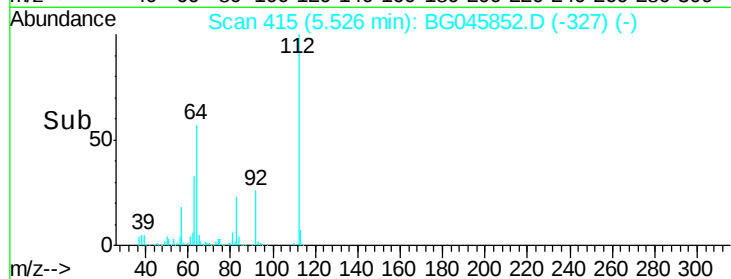
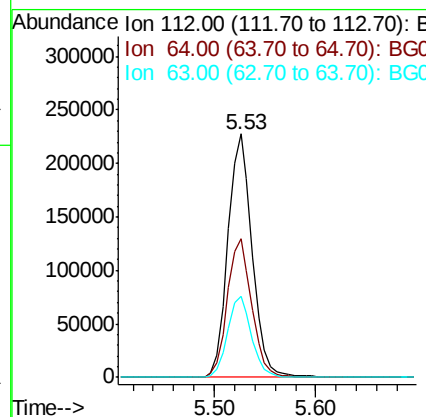
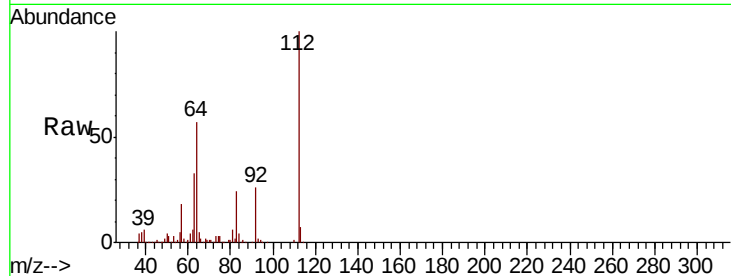
ClientSampleId :

RB47184-RTMSD

Tot Ion:	112	Resp:	376808
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.6	69.8
63	33.3	26.3	39.5

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#6

Aniline

Concen: 34.262 ng

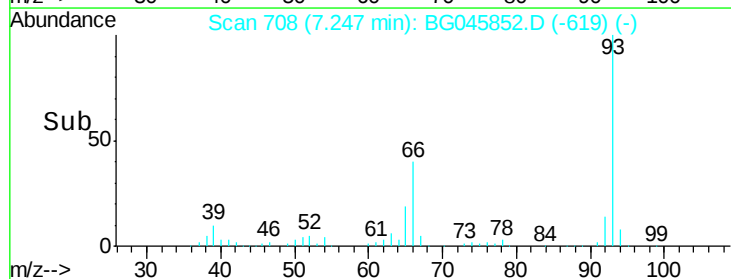
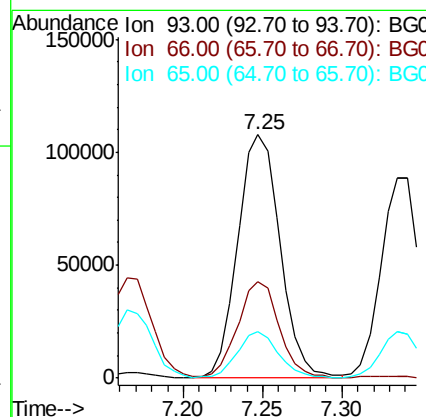
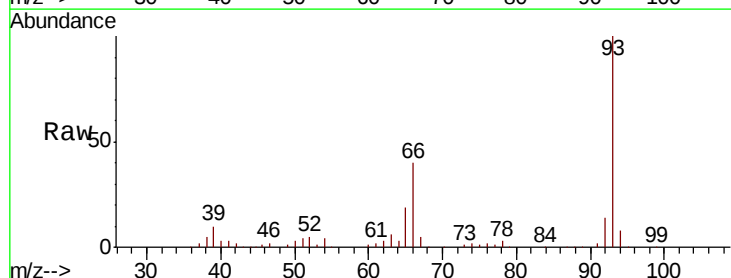
RT: 7.25 min Scan# 708

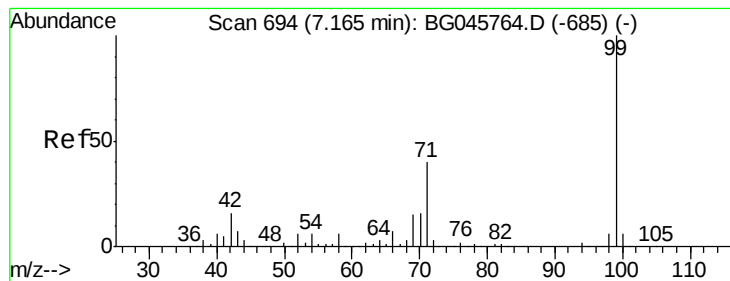
Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	93	Resp:	200447
Ion Ratio	Lower	Upper	
93	100		
66	39.6	30.0	45.0
65	19.1	14.7	22.1





#7

Phenol-d6

Concen: 92.664 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

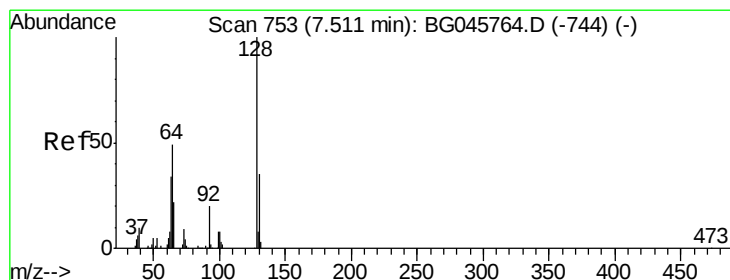
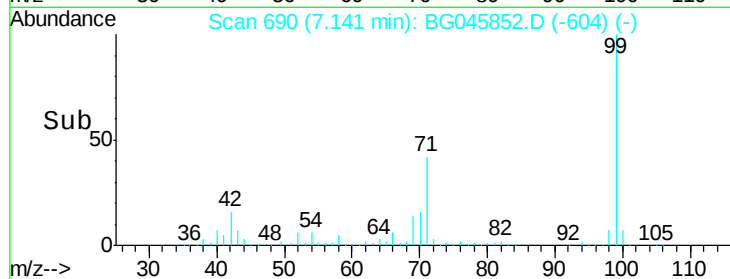
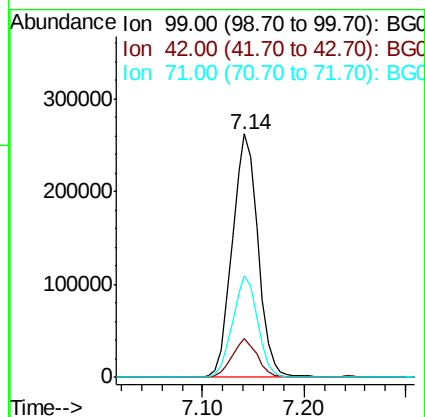
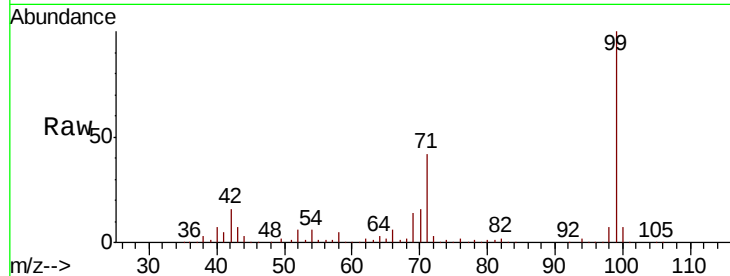
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		460422		
42	15.7	12.4	18.6		
71	41.5	32.1	48.1		

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#8

2-Chlorophenol

Concen: 45.434 ng

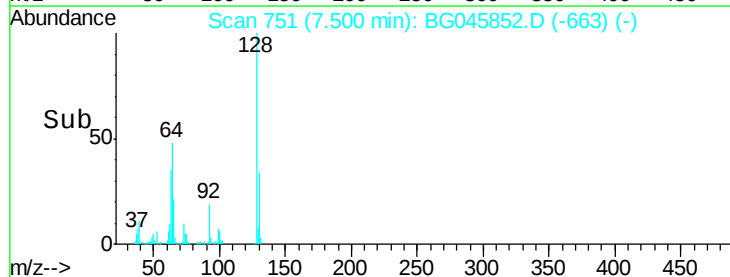
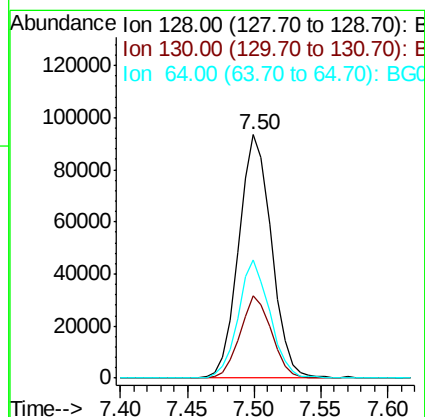
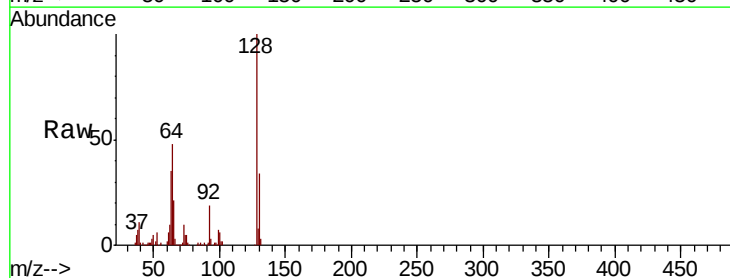
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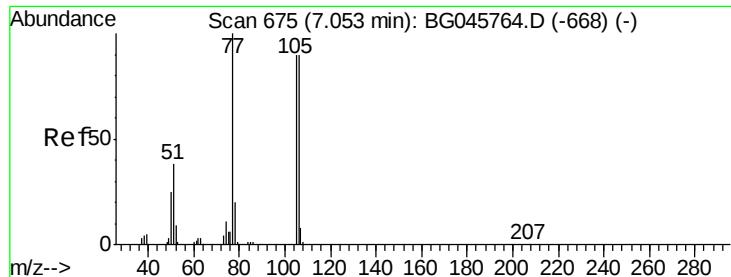
Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		158859		
130	34.0	14.5	54.5		
64	48.3	31.6	71.6		





#9

Benzaldehyde

Concen: 25.316 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

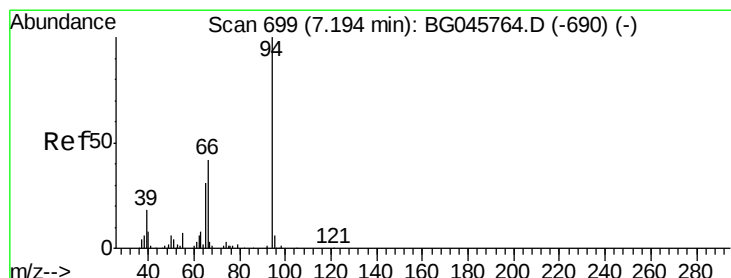
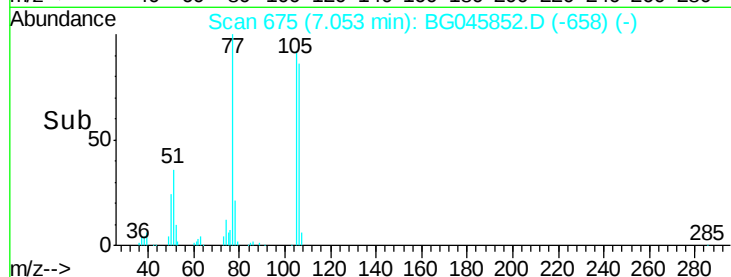
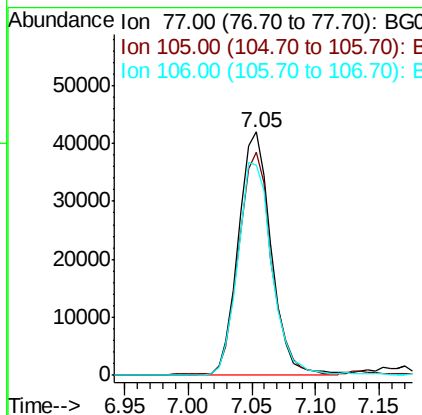
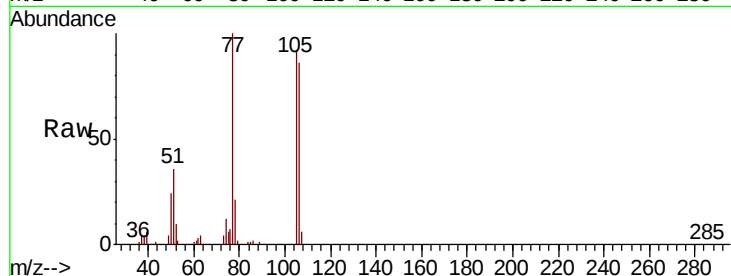
ClientSampleId :

RB47184-RTMSD

Tot Ion:	77	Resp:	7552
Ion Ratio	Lower	Upper	
77	100		
105	91.7	70.4	110.4
106	86.4	70.2	110.2

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#10

Phenol

Concen: 35.637 ng

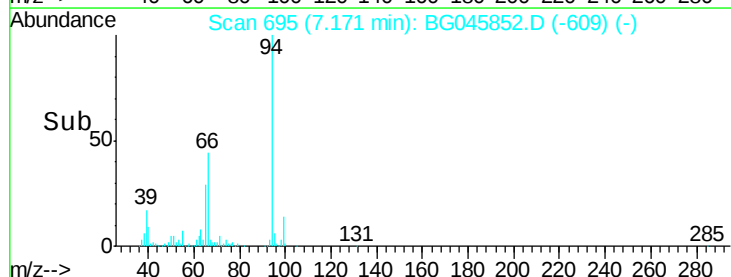
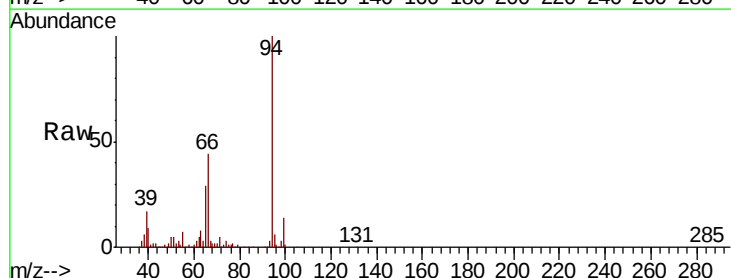
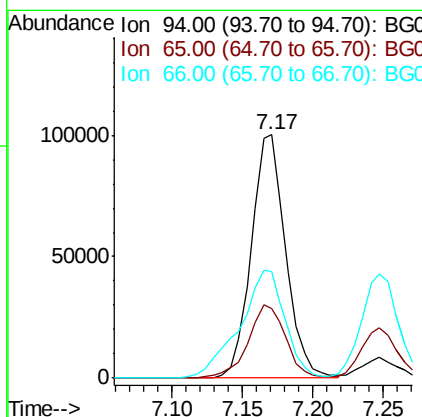
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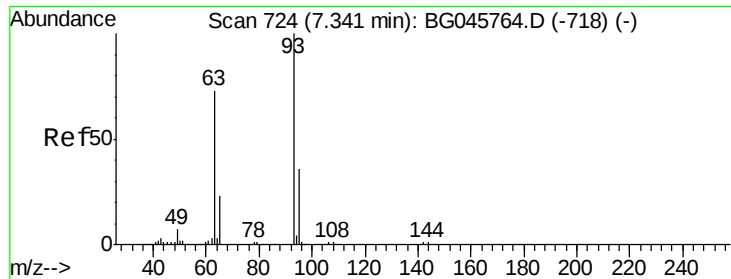
Delta R.T. -0.02 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	94	Resp:	171571
Ion Ratio	Lower	Upper	
94	100		
65	28.7	10.7	50.7
66	43.9	22.5	62.5





#11

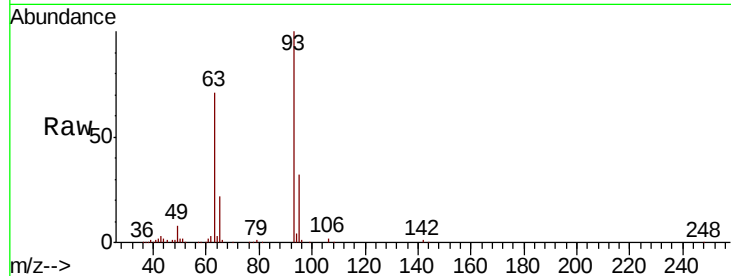
bis(2-Chloroethyl)ether
Concen: 41.699 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

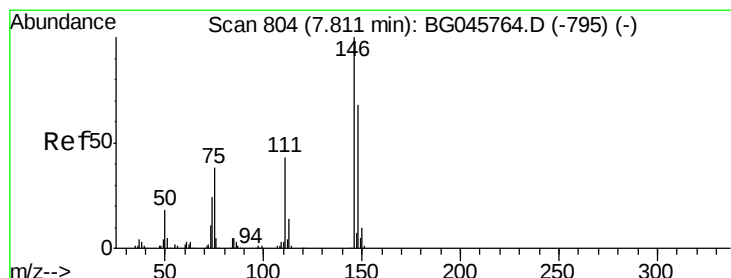
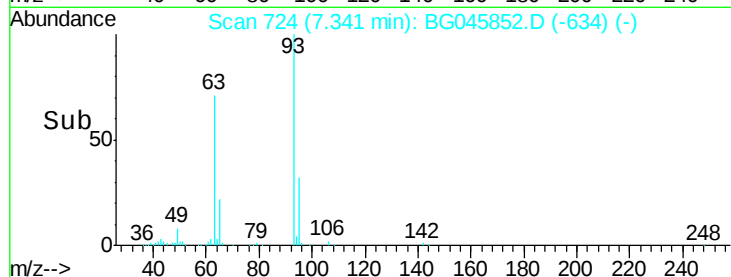
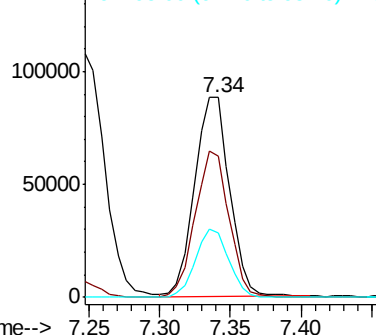
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	52.0	92.0
95	32.2	15.6	55.6

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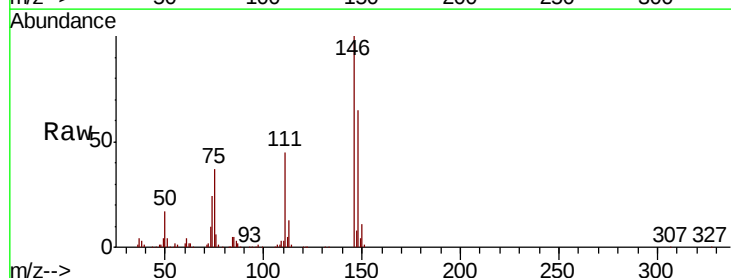
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



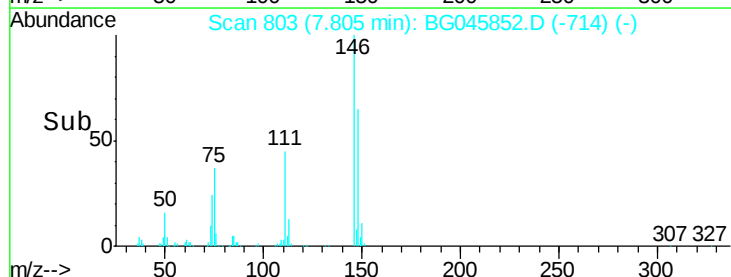
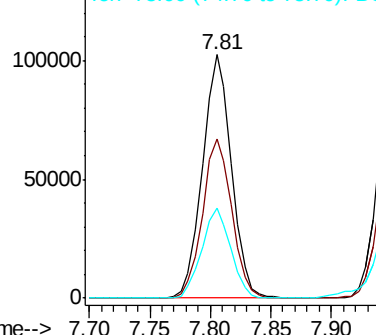
#12

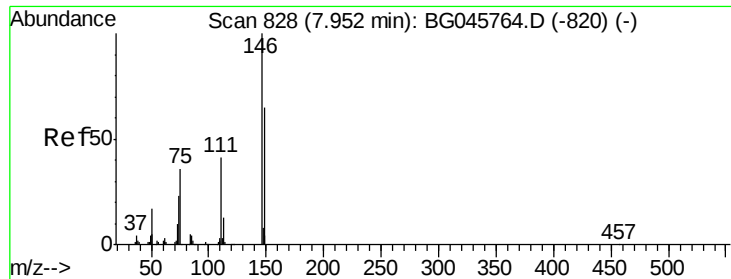
1,3-Dichlorobenzene
Concen: 40.930 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.2	81.4
75	37.0	30.1	45.1



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





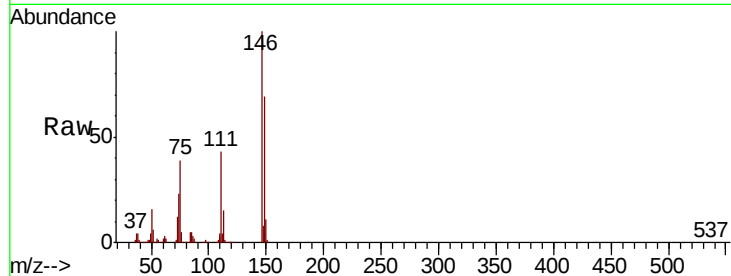
#13
 1,4-Dichlorobenzene
 Concen: 41.507 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.6	51.8	77.6
111	42.6	32.8	49.2

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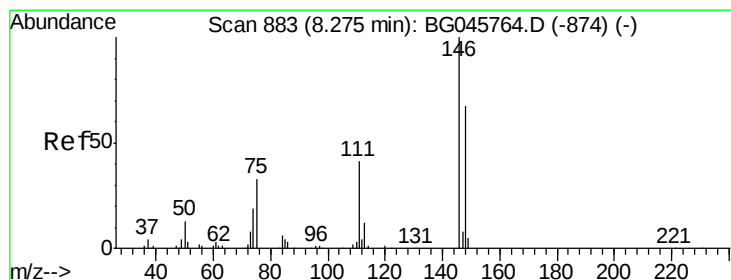
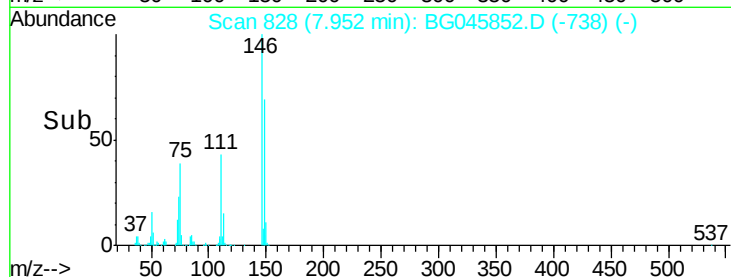
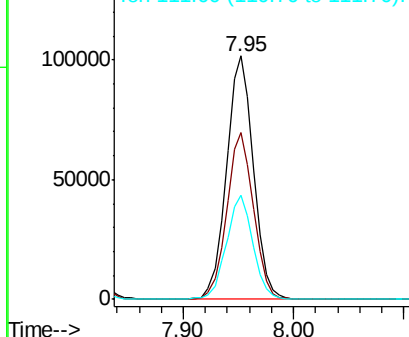


Abundance

Ion 146.00 (145.70 to 146.70): E

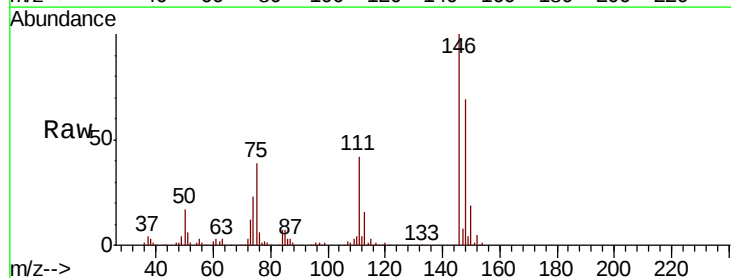
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.878 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	54.1	81.1
111	42.4	32.9	49.3

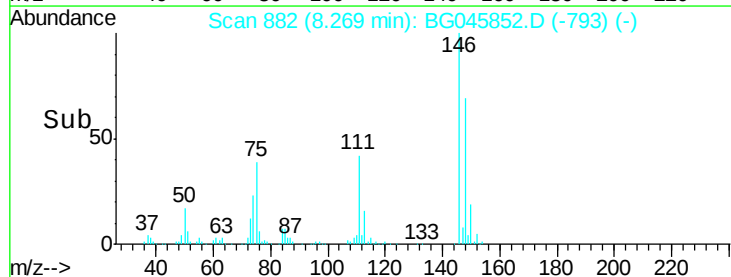
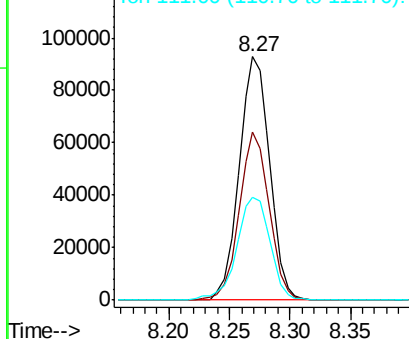


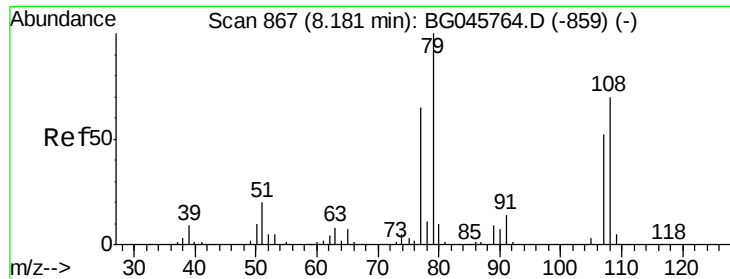
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.516 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

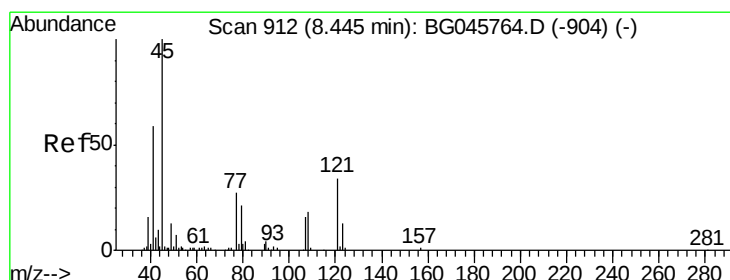
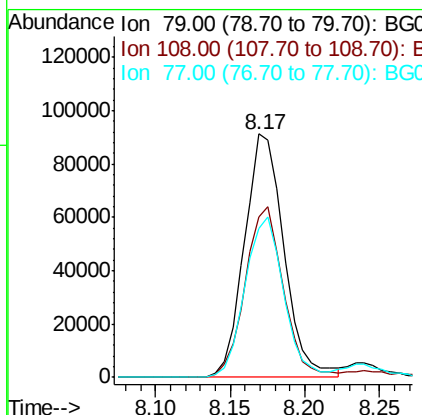
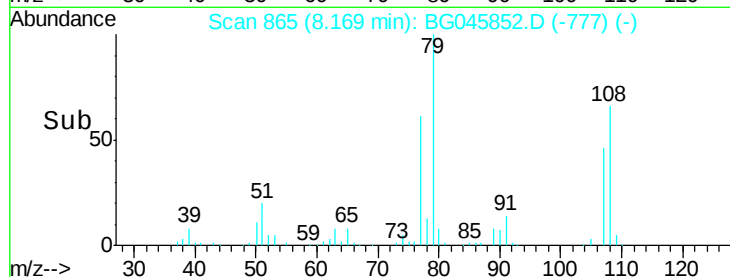
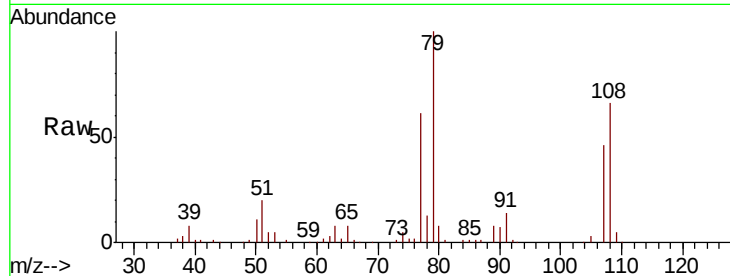
ClientSampleId :

RB47184-RTMSD

Tot Ion:	79	Resp:	167322
Ion Ratio	Lower	Upper	
79	100		
108	66.0	56.2	84.4
77	61.2	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.721 ng

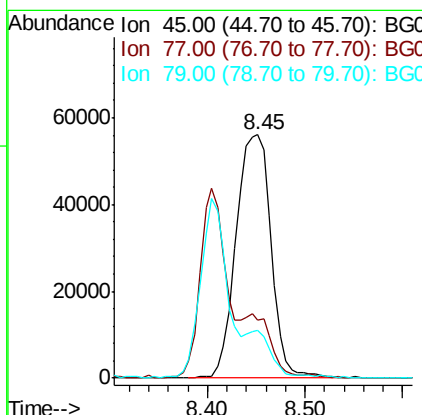
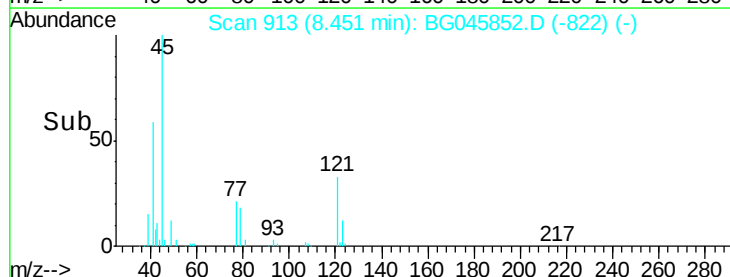
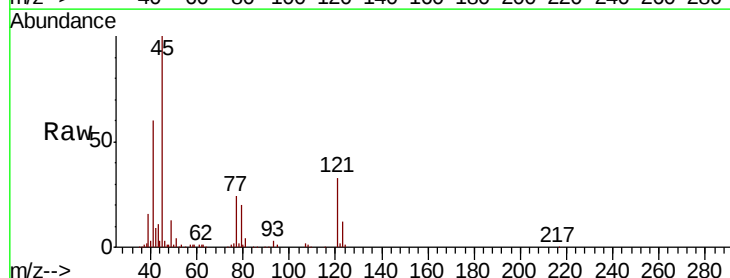
RT: 8.45 min Scan# 913

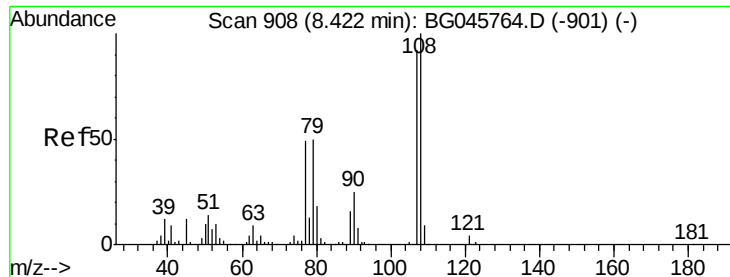
Delta R.T. 0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	45	Resp:	140341
Ion Ratio	Lower	Upper	
45	100		
77	24.0	14.9	54.9
79	19.7	9.2	49.2





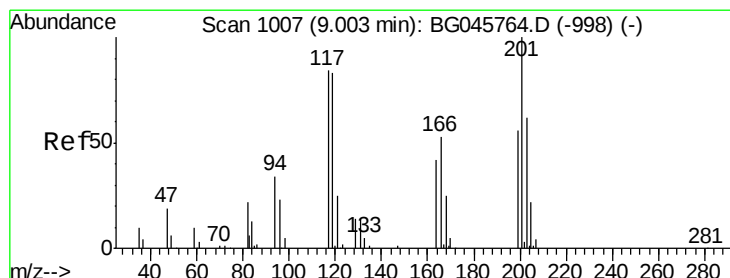
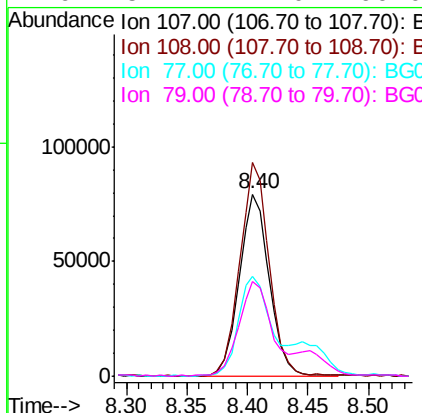
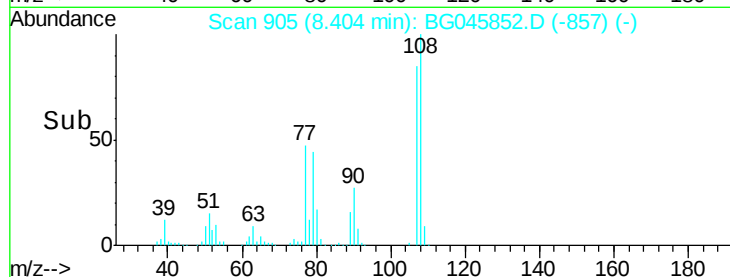
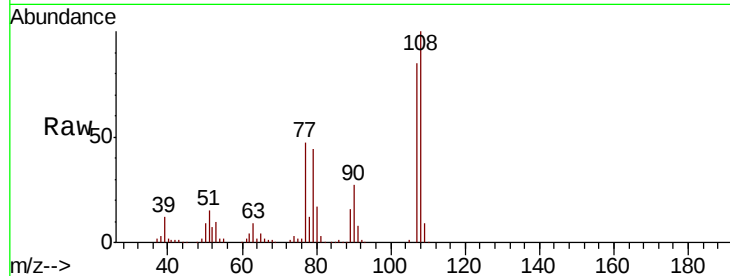
#17
2-Methylphenol
Concen: 38.238 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.4	87.4	131.0	
77	55.1	42.5	63.7	
79	52.1	44.0	66.0	

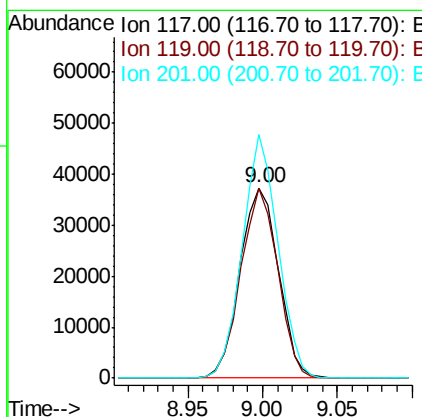
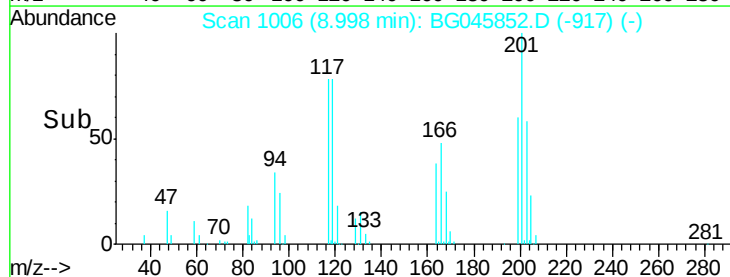
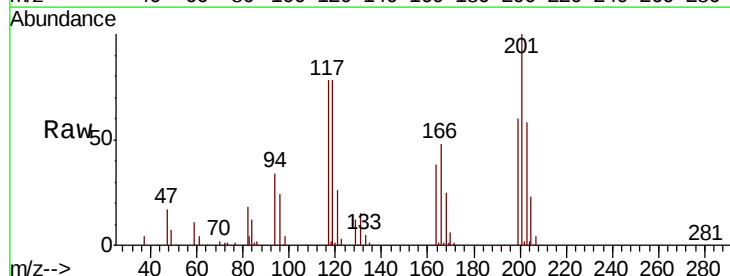
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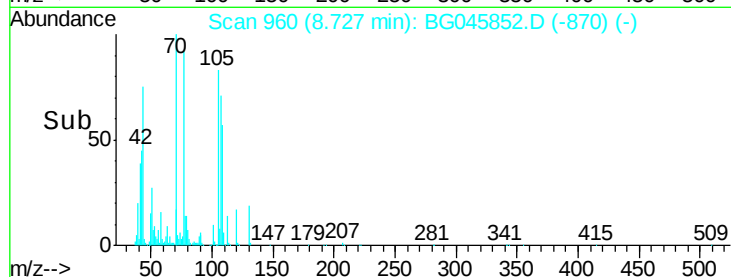
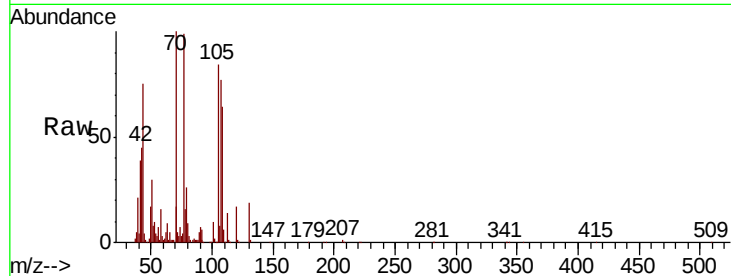
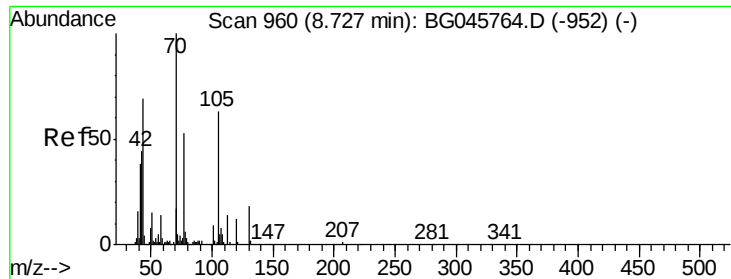
mohammad
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#18
Hexachloroethane
Concen: 42.316 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	78.9	118.3	
201	128.1	95.5	143.3	





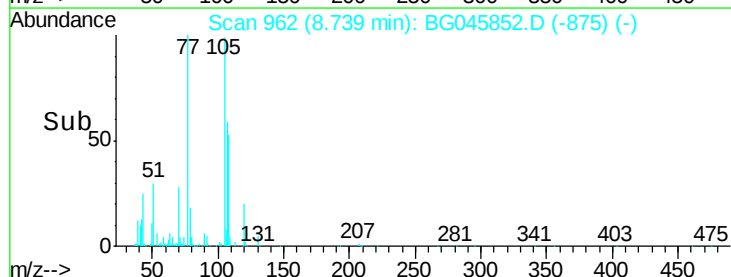
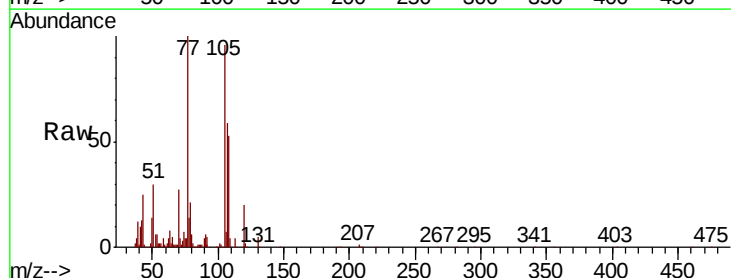
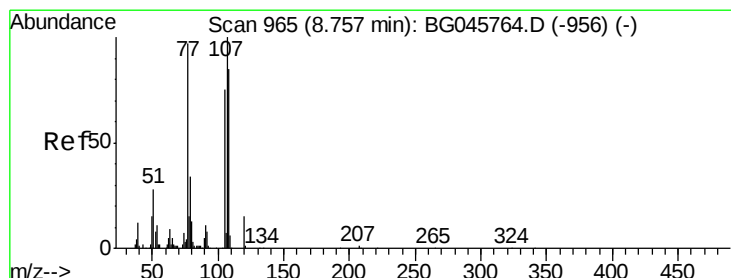
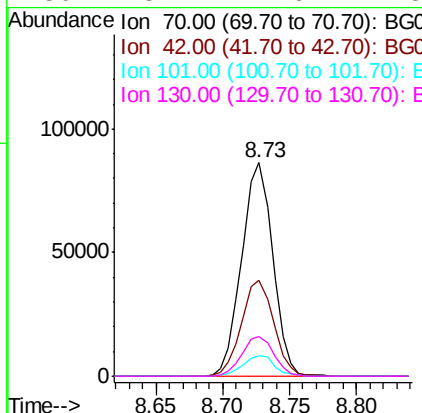
#19
n-Nitroso-di-n-propylamine
Concen: 42.707 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		139509		
42	45.0	35.1	52.7		
101	9.6	7.4	11.0		
130	18.7	14.6	21.8		

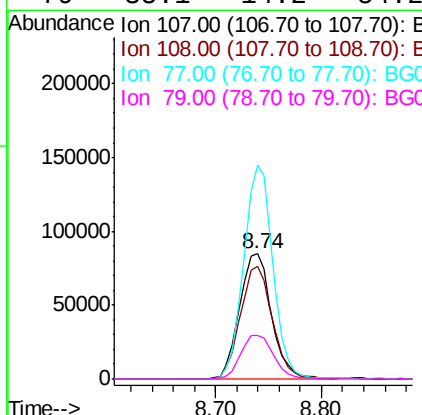
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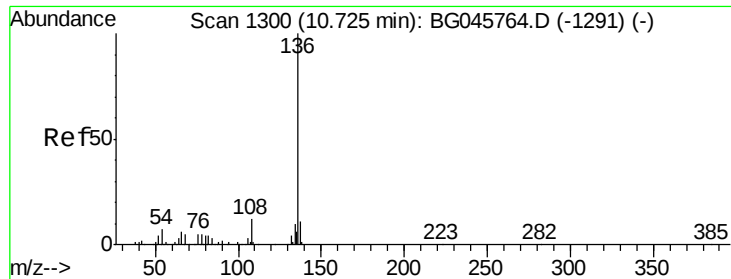
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#20
3+4-Methylphenols
Concen: 37.931 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.02 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		178734		
108	90.4	65.4	105.4		
77	170.8	77.2	117.2		
79	35.1	14.2	54.2		





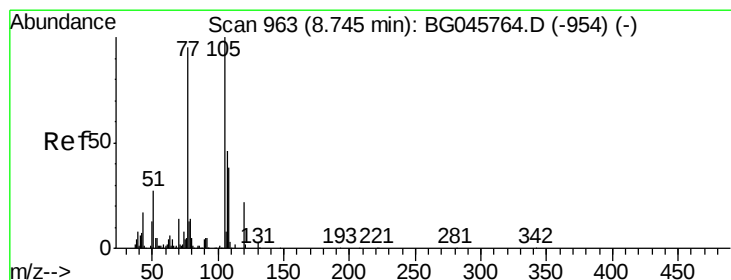
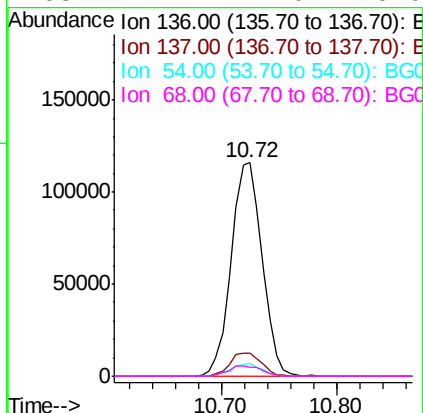
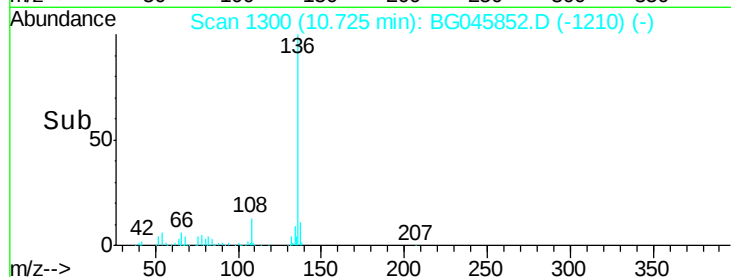
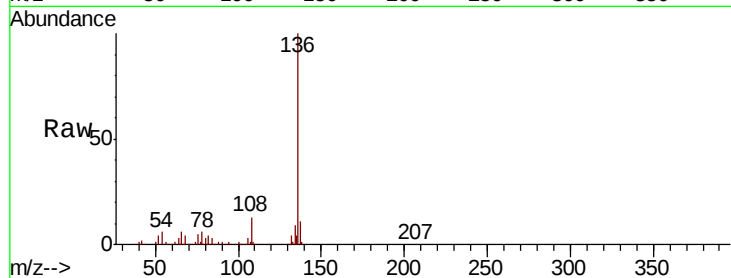
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	214058		
137	10.7		8.7	13.1
54	5.9		5.8	8.6
68	4.1		4.0	6.0

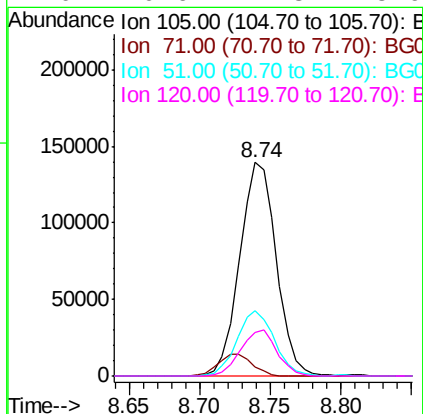
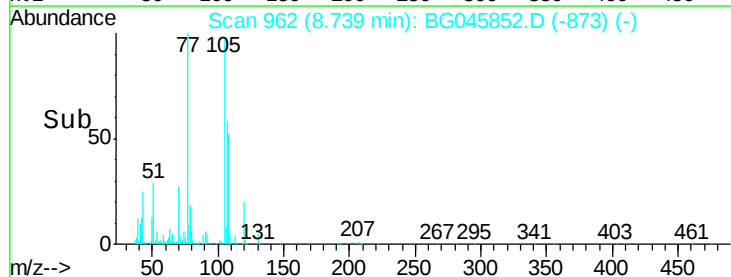
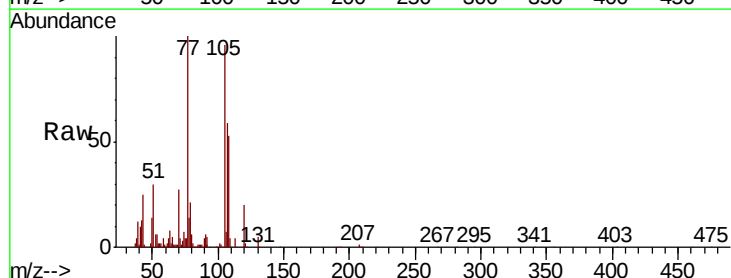
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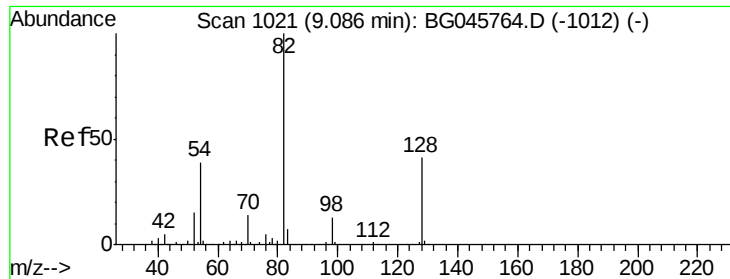
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#22
Acetophenone
Concen: 42.966 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252437		
71	4.0		1.8	2.8#
51	30.7		21.9	32.9
120	20.6		17.3	25.9





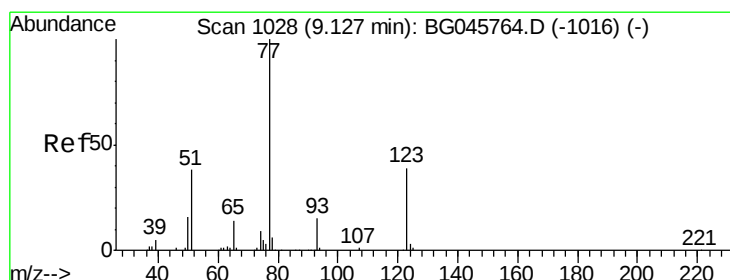
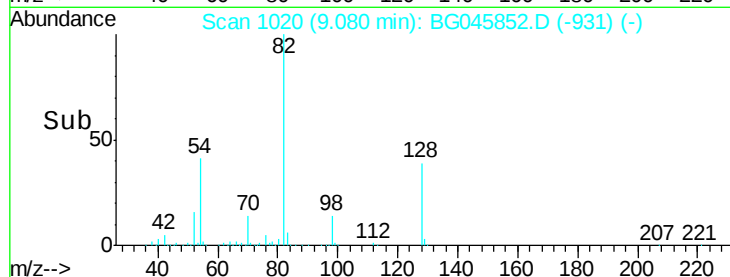
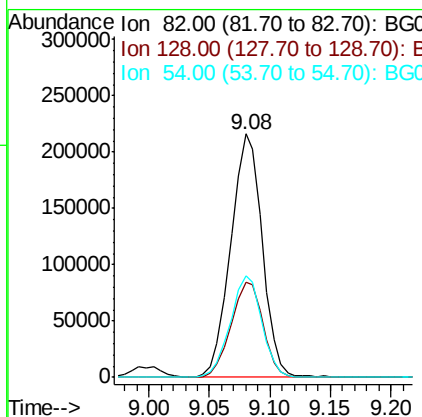
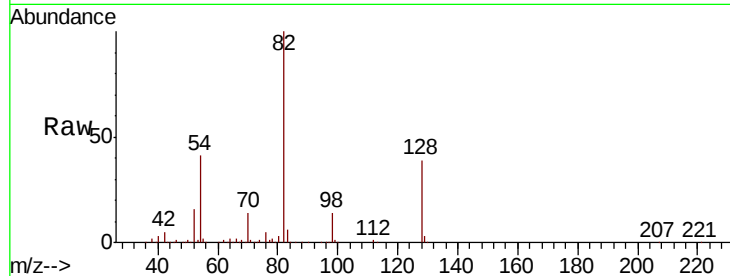
#23
Nitrobenzene-d5
Concen: 83.974 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.5	48.7
54	41.4	31.2	46.8

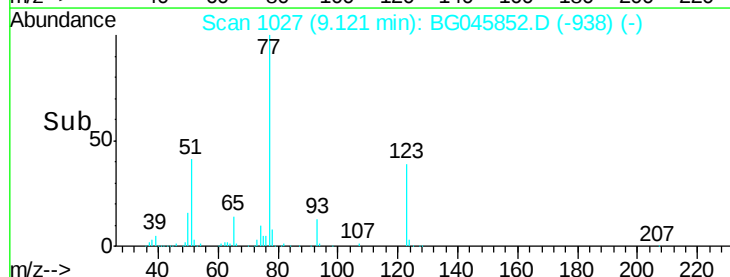
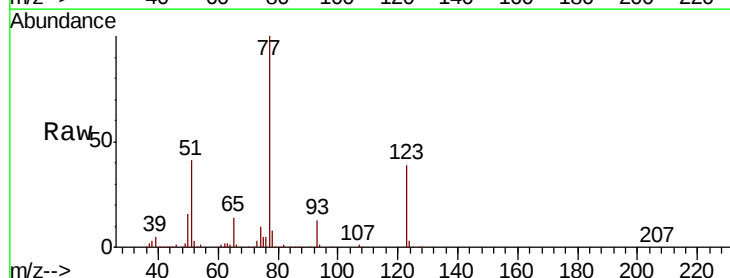
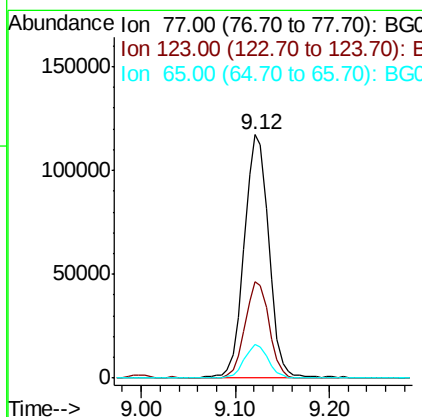
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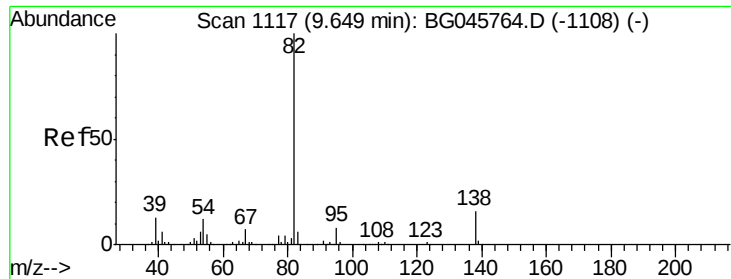
mohammad
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#24
Nitrobenzene
Concen: 42.615 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	31.2	46.8
65	14.0	11.4	17.2





#25

Isophorone

Concen: 41.869 ng

RT: 9.64 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

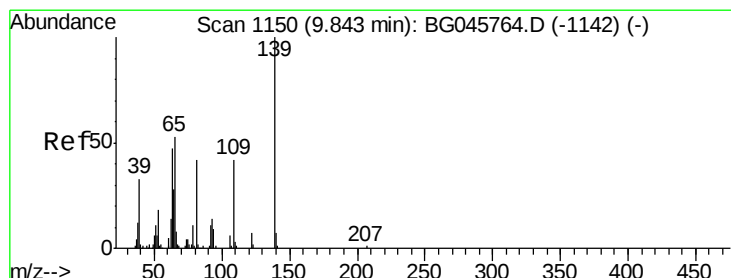
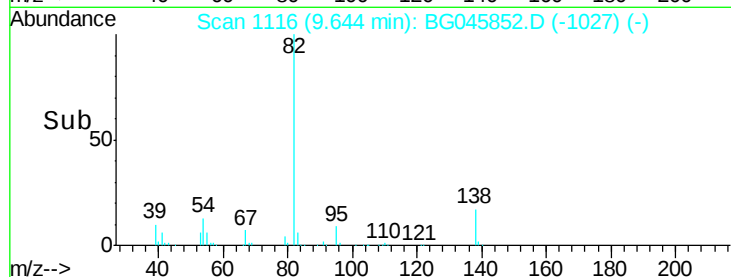
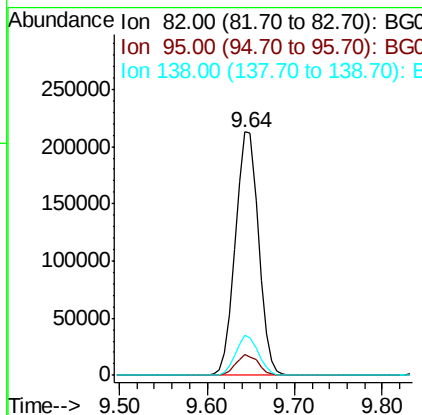
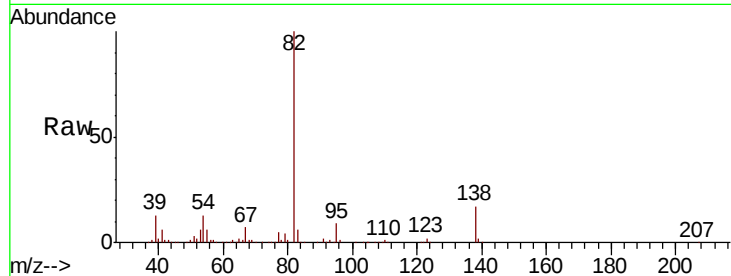
ClientSampleId :

RB47184-RTMSD

Tot Ion	82	Resp	379796
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.2	9.4
138	16.6	12.6	18.8

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#26

2-Nitrophenol

Concen: 44.958 ng

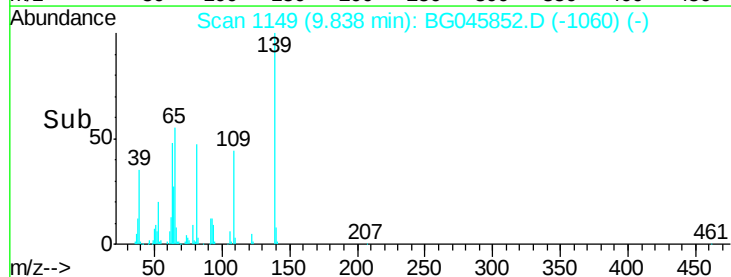
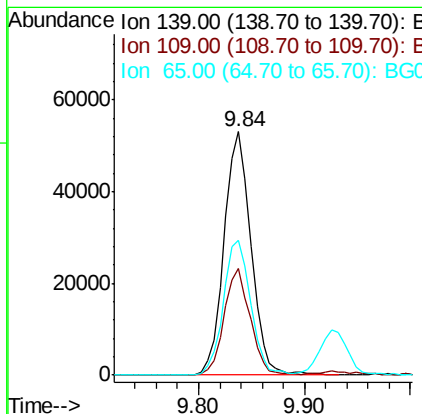
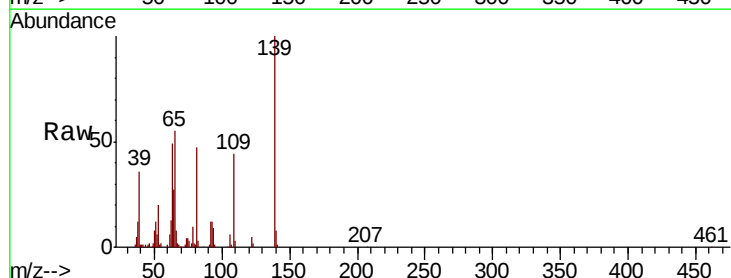
RT: 9.84 min Scan# 1149

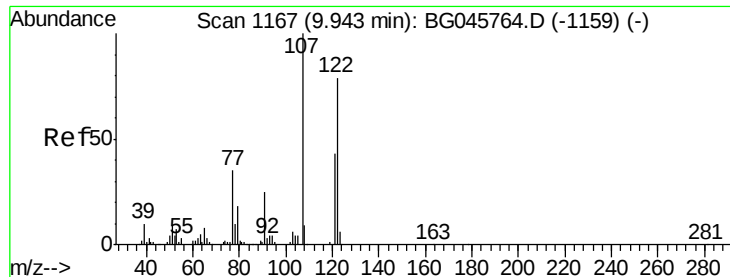
Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion	139	Resp	93578
Ion Ratio	Lower	Upper	
139	100		
109	43.9	33.5	50.3
65	55.4	42.2	63.4





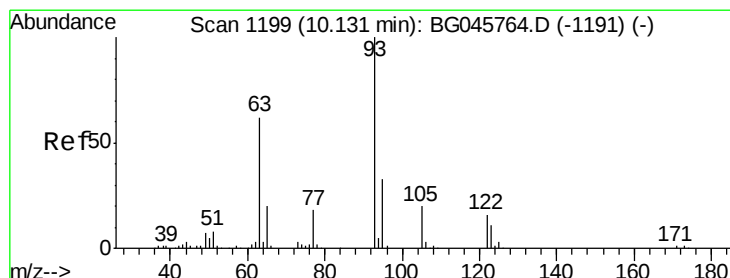
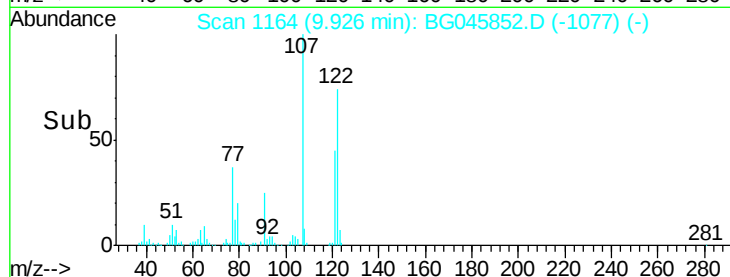
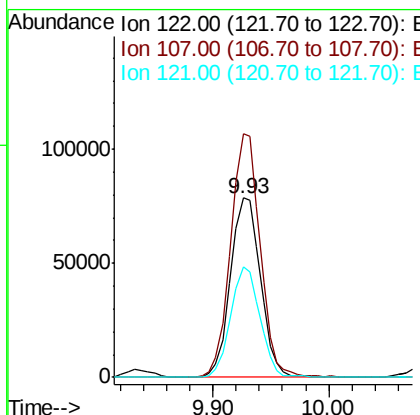
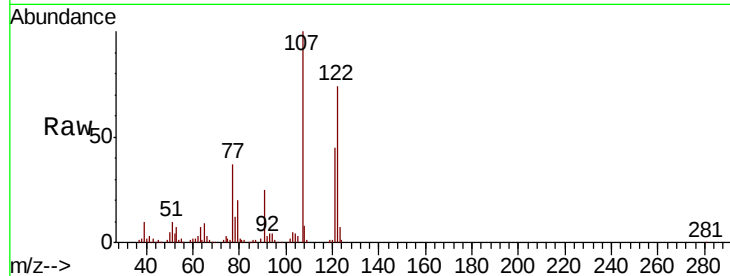
#27
 2,4-Dimethylphenol
 Concen: 44.869 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	101.3	151.9
121	61.7	43.9	65.9

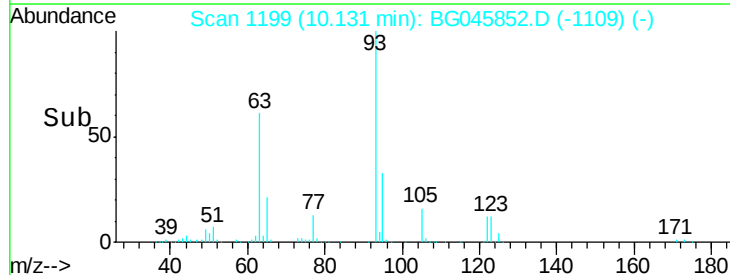
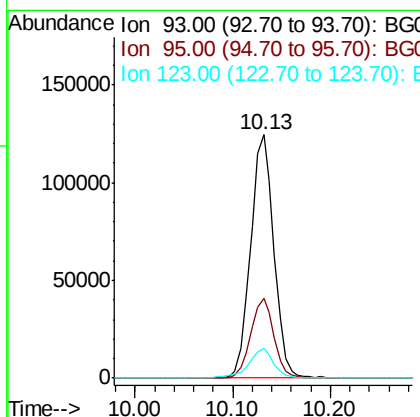
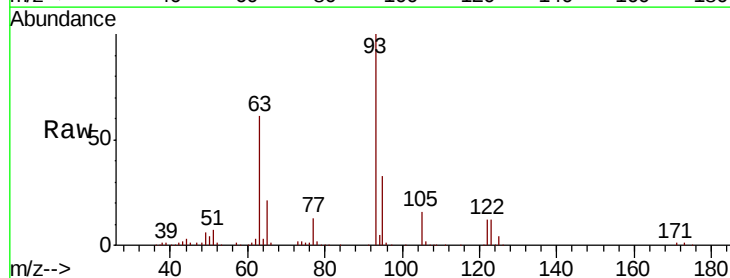
Manual Integrations
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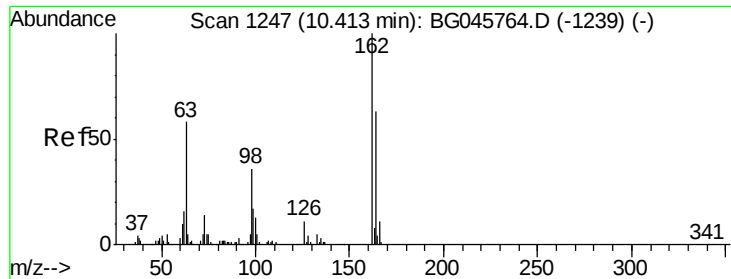
mohammad
 6/25/2020 1:06:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.963 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	12.3	9.3	13.9





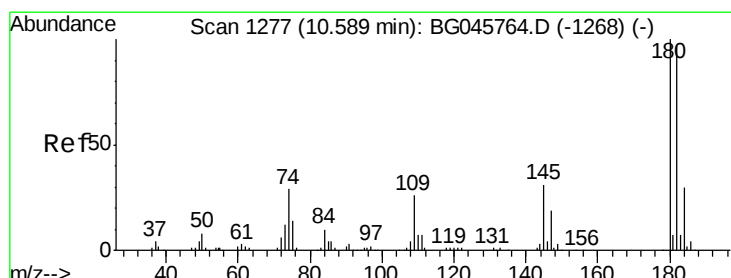
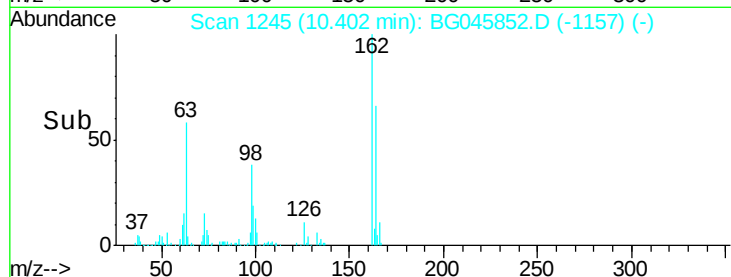
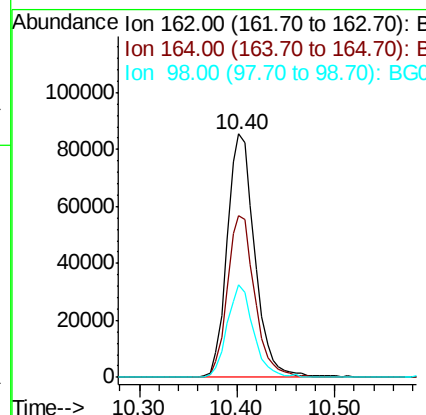
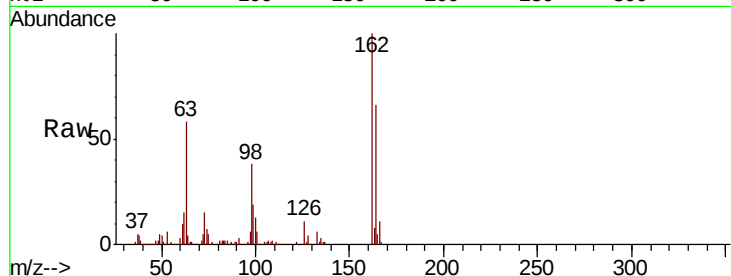
#29
2,4-Dichlorophenol
Concen: 45.275 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.3	83.3
98	38.1	15.5	55.5

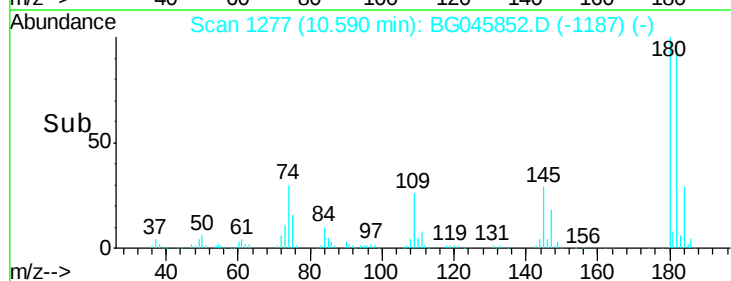
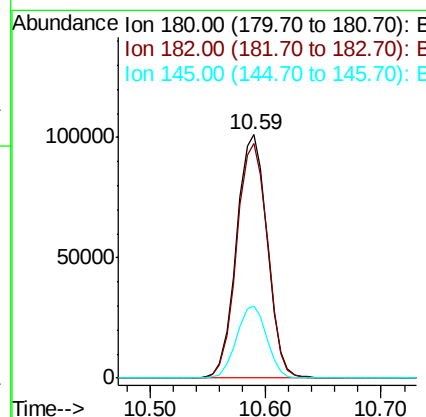
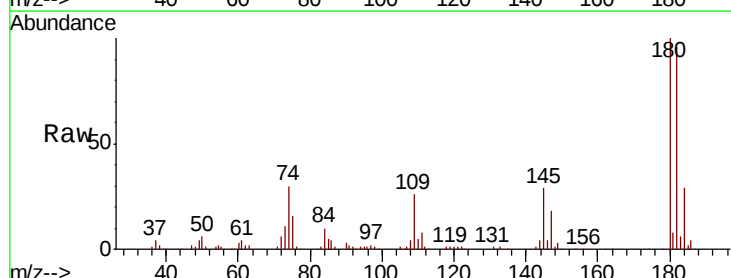
Manual Integrations
APPROVED

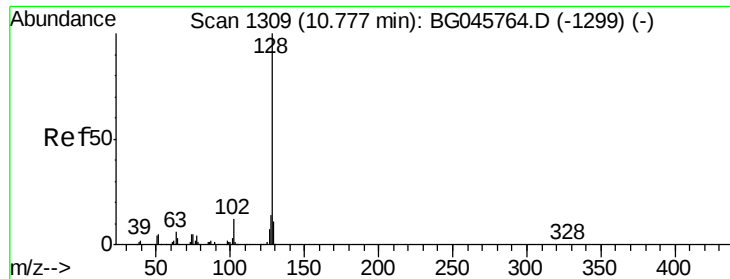
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.479 ng
RT: 10.59 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.8	116.6
145	29.5	24.5	36.7





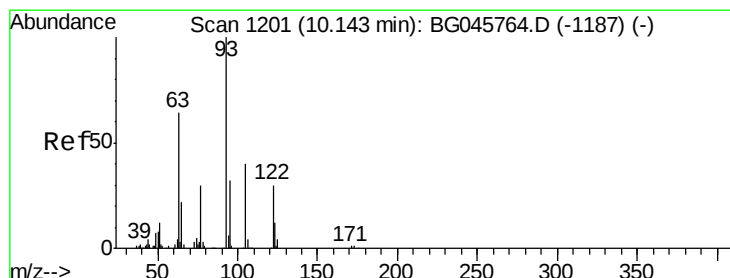
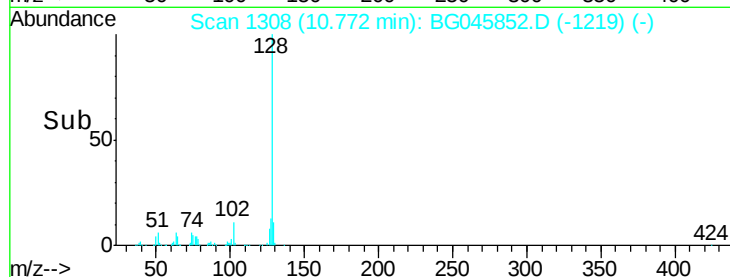
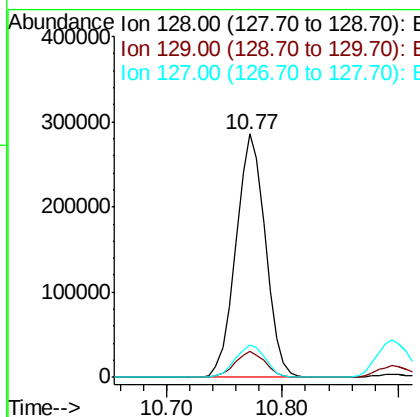
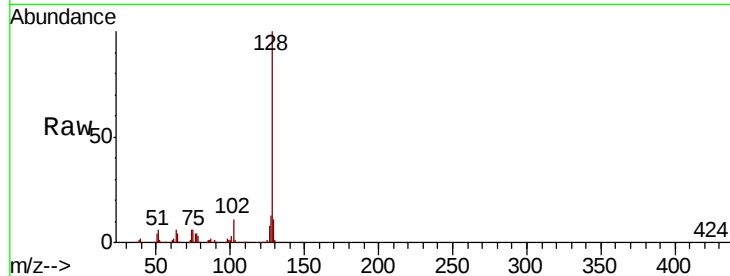
#31
Naphthalene
Concen: 43.063 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.9	16.3

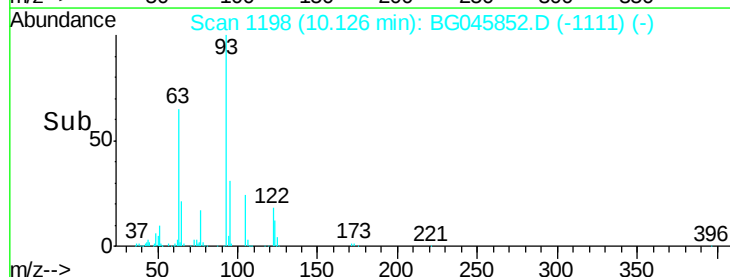
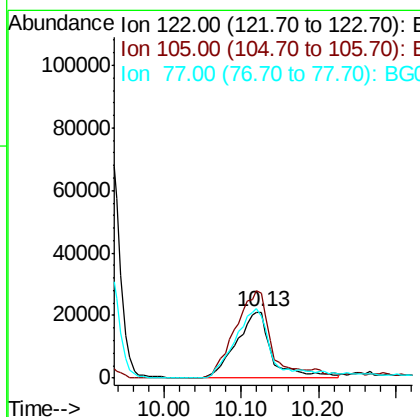
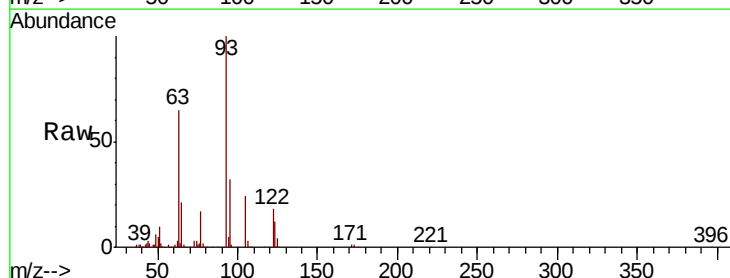
Manual Integrations
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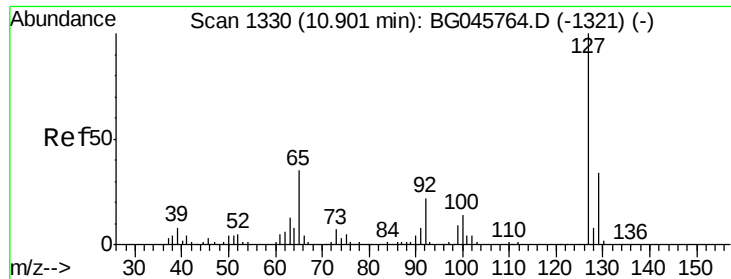
mohammad
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#32
Benzoic acid
Concen: 36.072 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	112.9	152.9
77	94.8	79.2	119.2





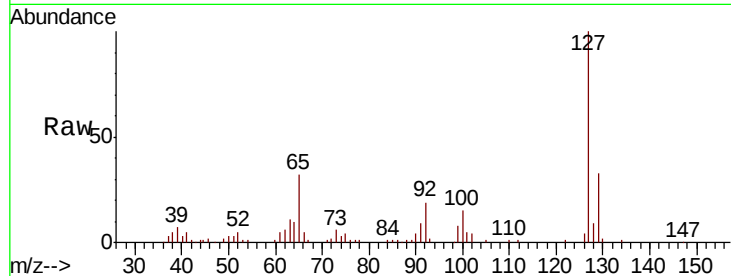
#33
4-Chloroaniline
Concen: 19.022 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.8	40.2		
65	32.0	27.8	41.8		
92	18.7	17.3	25.9		

Manual Integrations
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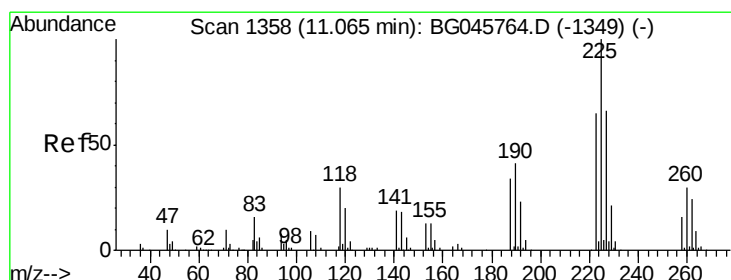
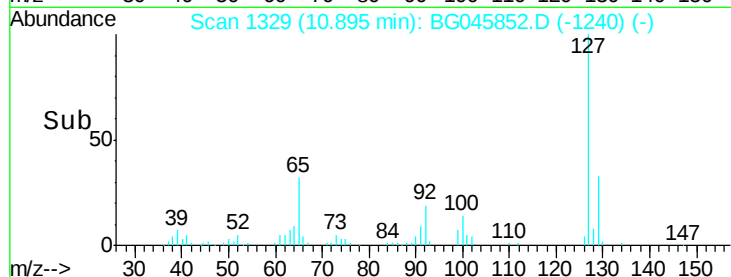
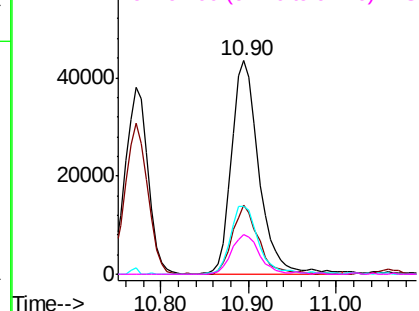
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

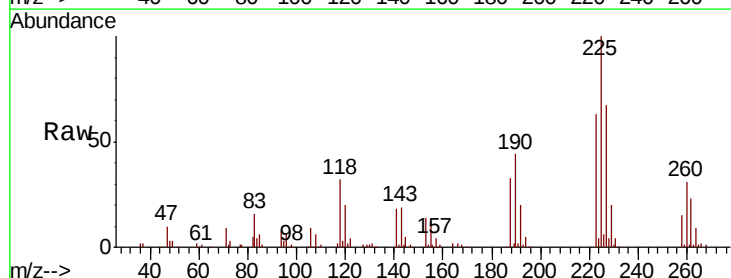
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.492 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	52.0	78.0		
227	67.4	52.5	78.7		

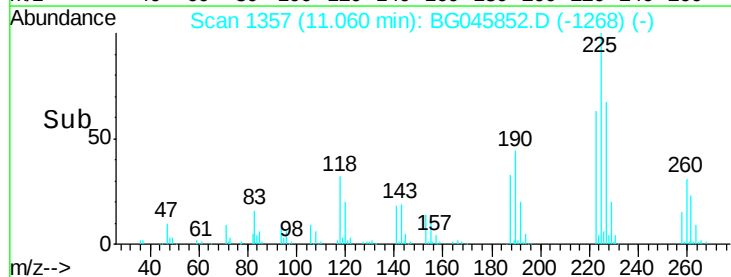
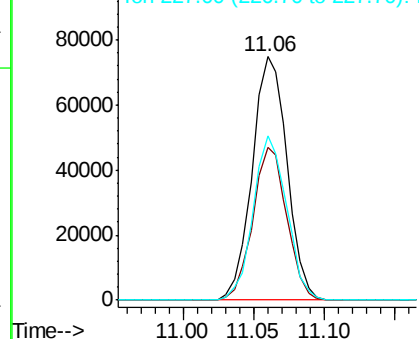


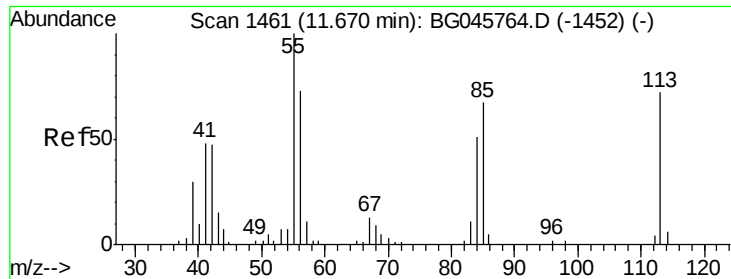
Abundance

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





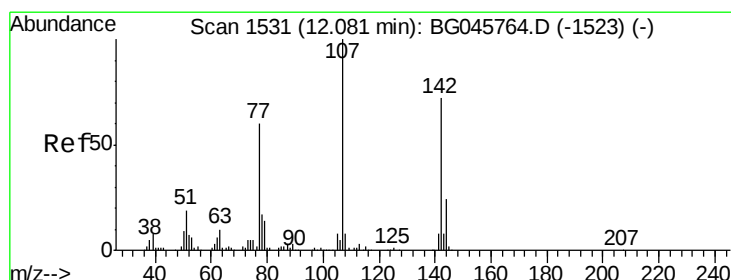
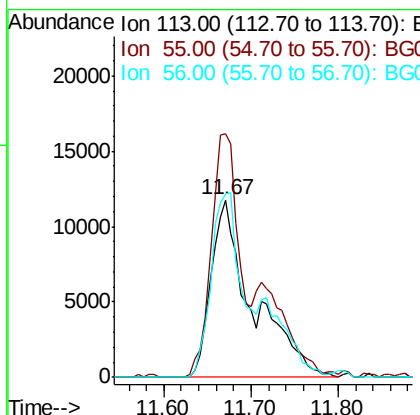
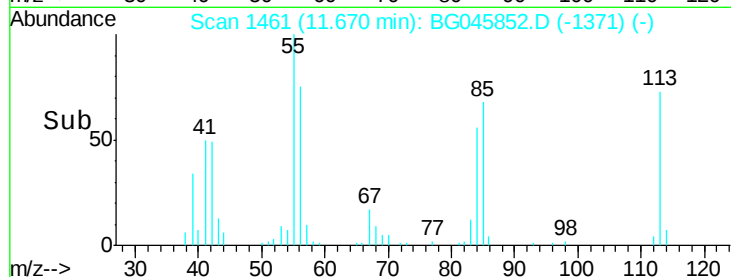
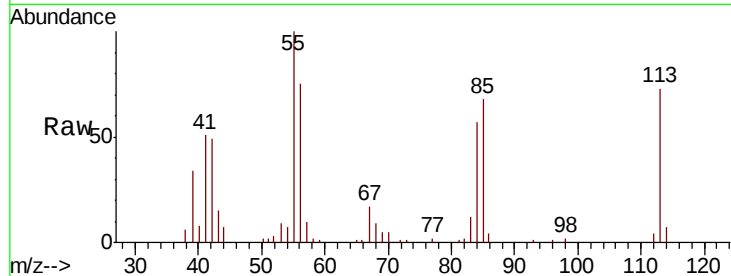
#35
Caprolactam
Concen: 32.347 ng/ml
RT: 11.67 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.4	119.7	159.7
56	103.4	82.5	122.5

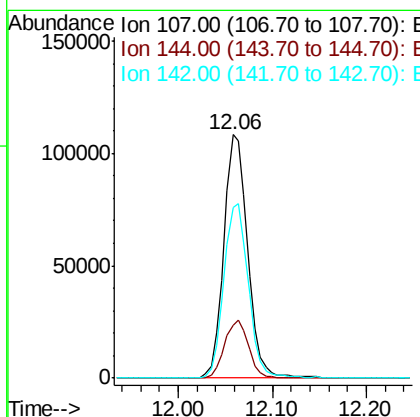
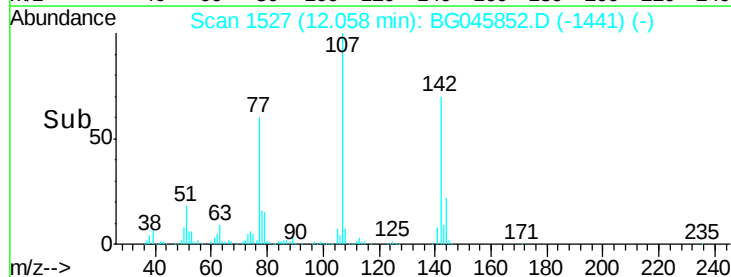
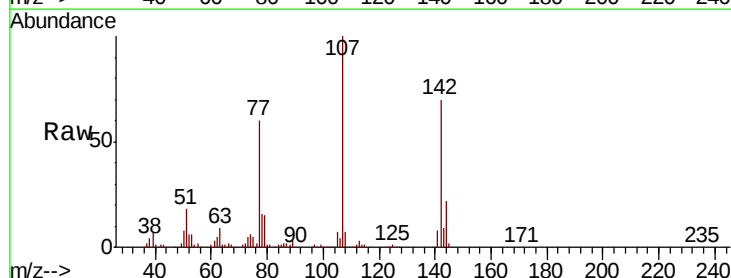
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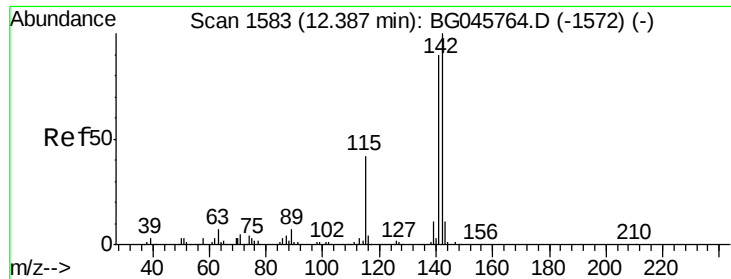
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#36
4-Chloro-3-methylphenol
Concen: 44.648 ng
RT: 12.06 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	19.5	29.3
142	69.8	57.4	86.0





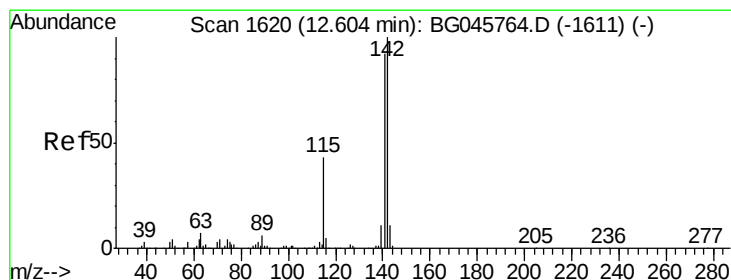
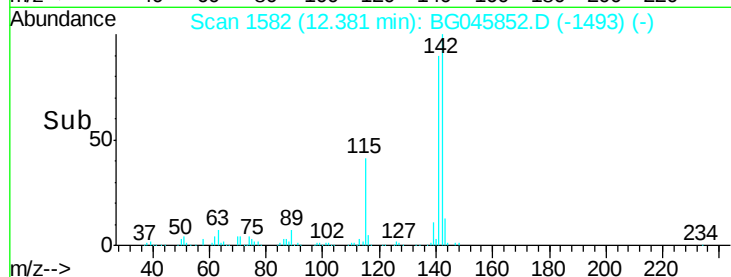
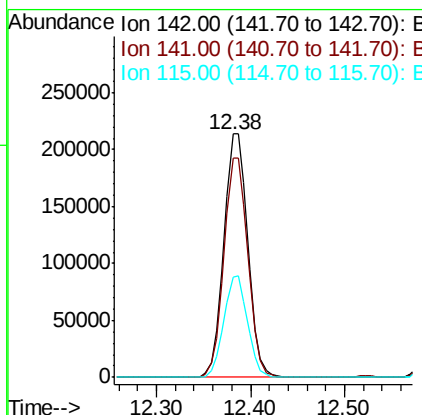
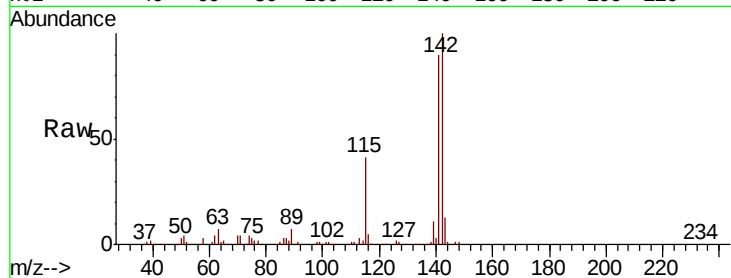
#37
 2-Methylnaphthalene
 Concen: 43.493 ng
 RT: 12.38 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
115	41.2	33.8	50.6

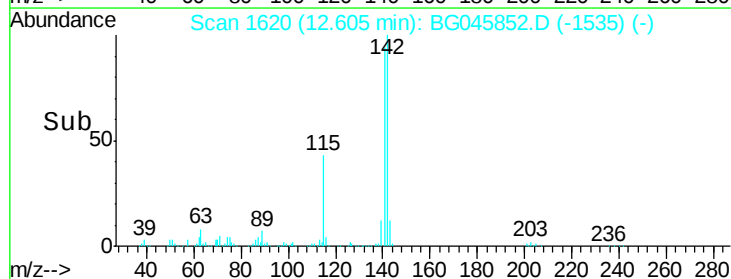
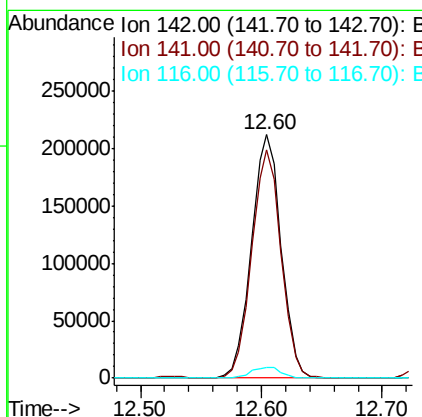
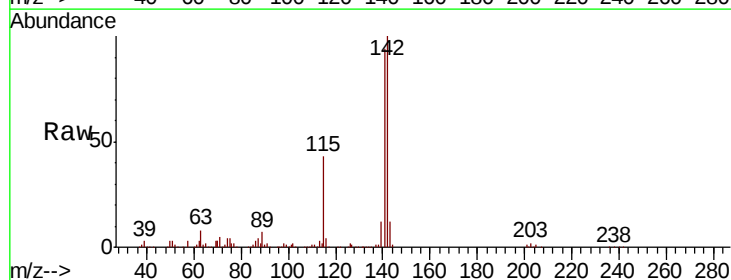
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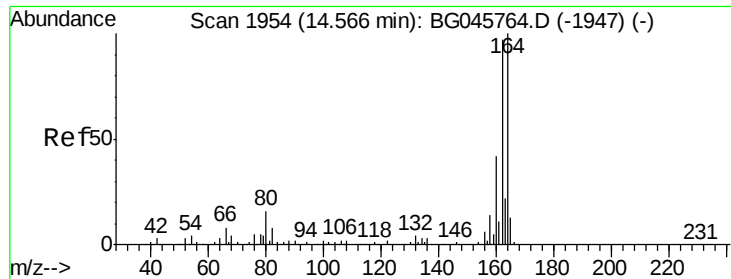
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#38
 1-Methylnaphthalene
 Concen: 43.784 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.8
116	4.4	3.8	5.8





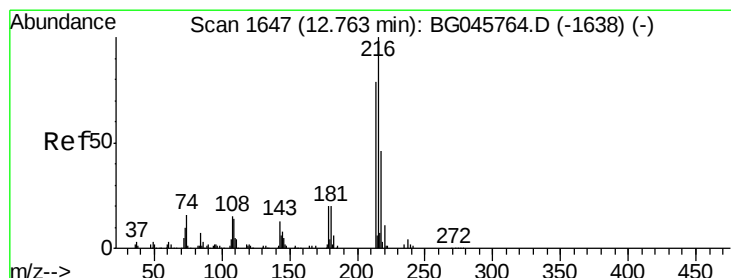
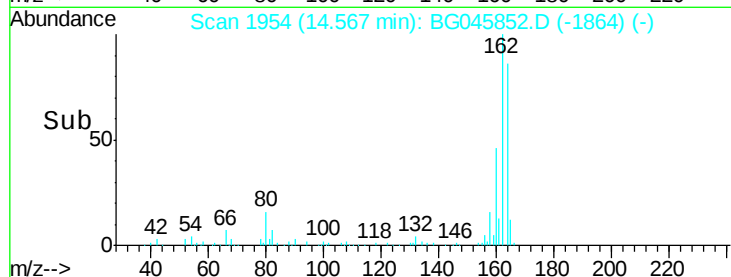
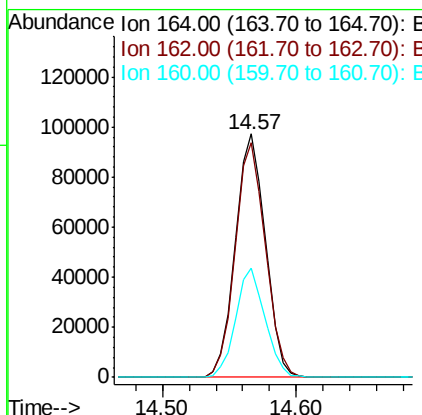
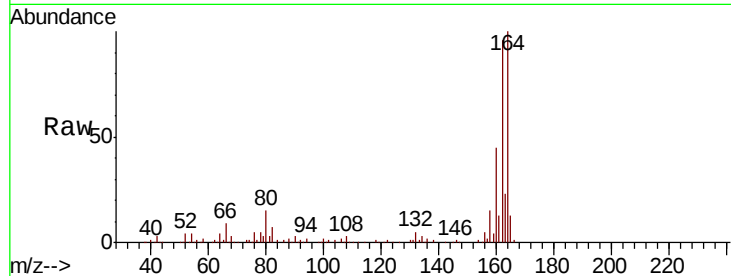
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.4	116.0
160	44.6	33.3	49.9

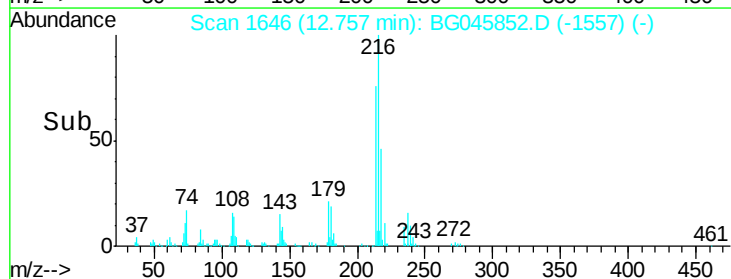
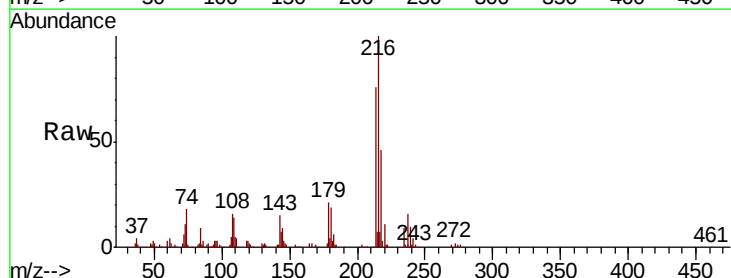
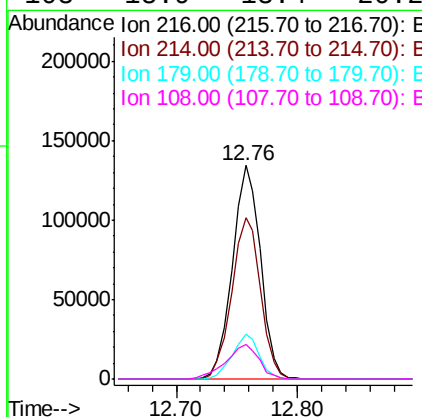
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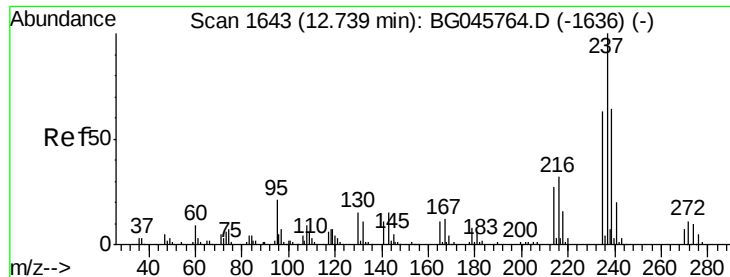
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.463 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.8	94.2
179	20.1	16.2	24.4
108	18.9	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 79.488 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

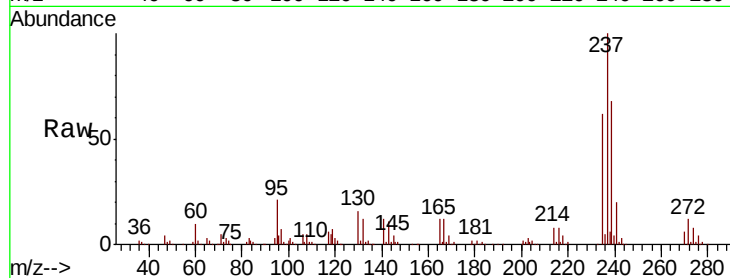
ClientSampleId :

RB47184-RTMSD

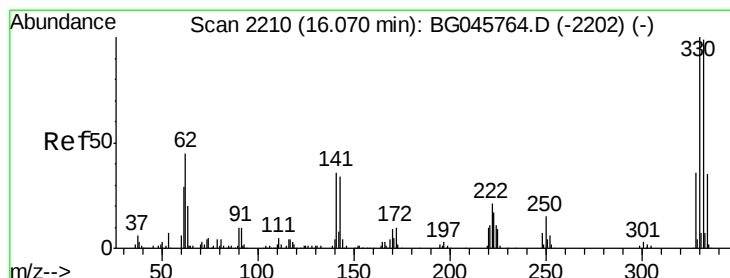
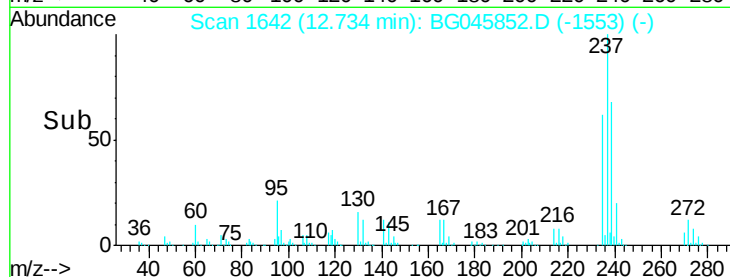
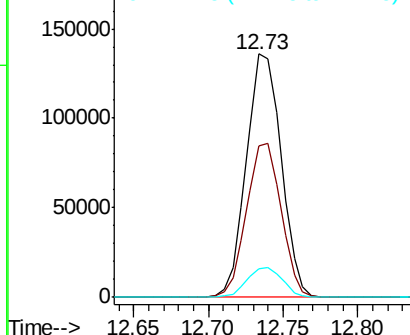
Tot Ion	Ratio	Resp	Lower	Upper
237	100	219564		
235	62.4	42.9	82.9	
272	11.8	0.0	30.9	

Manual Integrations
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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: 123.373 ng

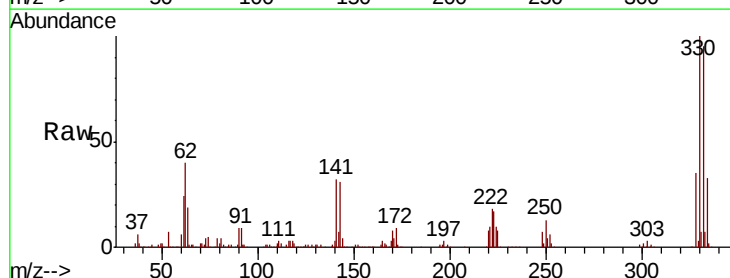
RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

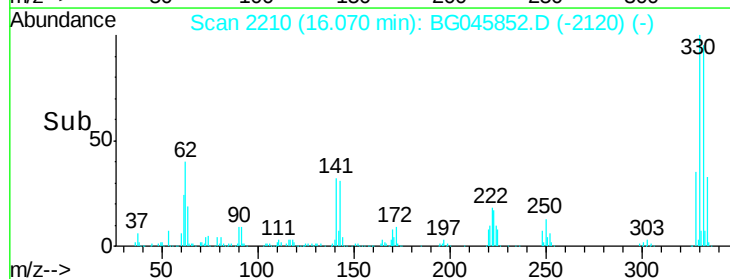
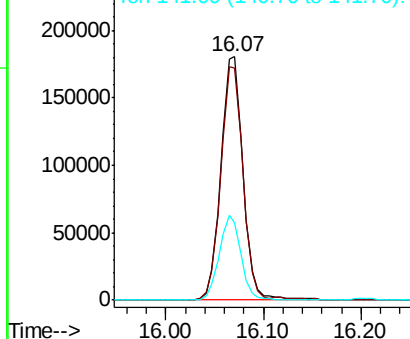
Lab File: BG045852.D

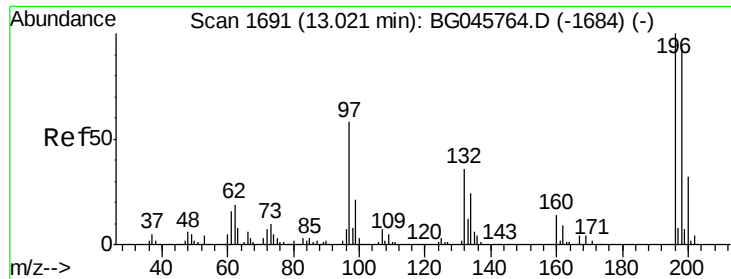
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	283089		
332	96.8	78.6	117.8	
141	33.8	28.2	42.4	



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





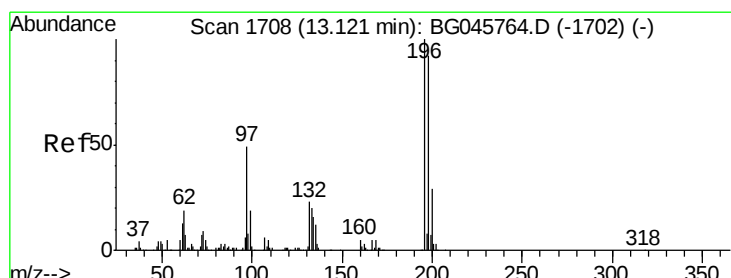
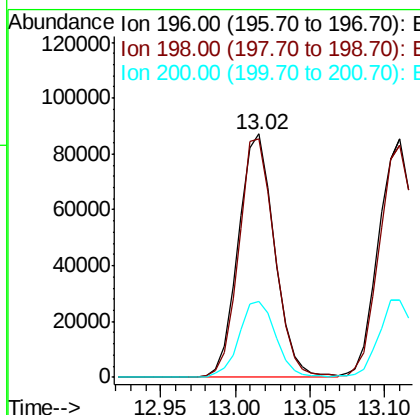
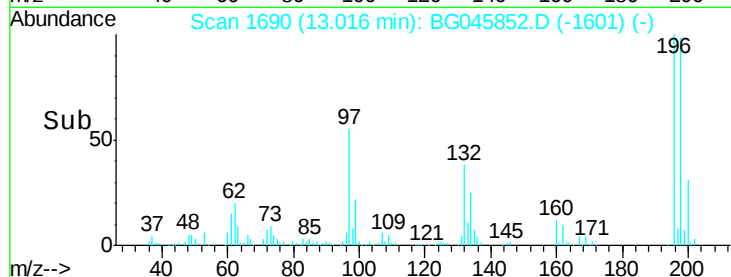
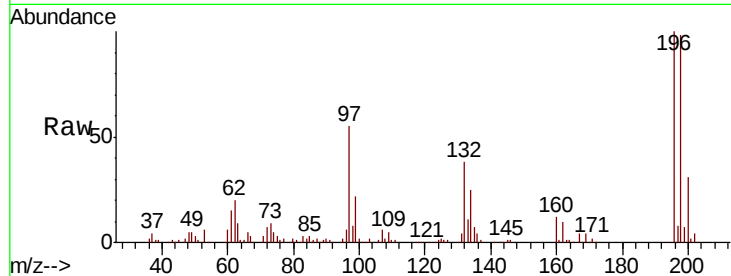
#43
 2,4,6-Trichlorophenol
 Concen: 43.290 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	146887		
198	97.9	74.4	111.6	
200	31.0	25.4	38.2	

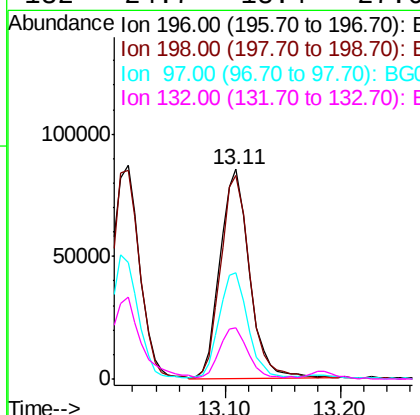
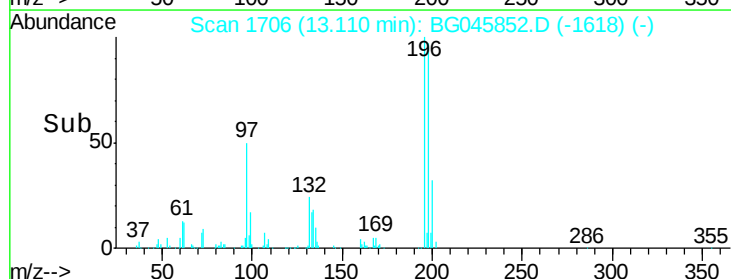
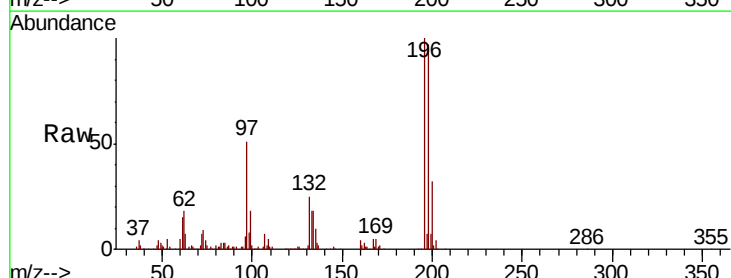
Manual Integrations
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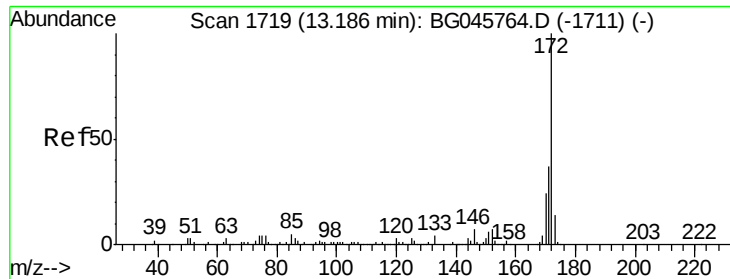
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.646 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149449		
198	97.2	74.0	111.0	
97	50.9	39.0	58.6	
132	24.7	18.4	27.6	





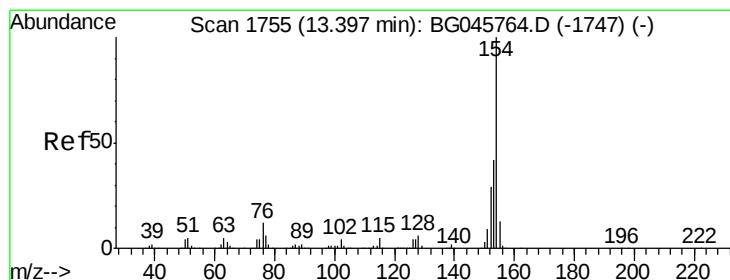
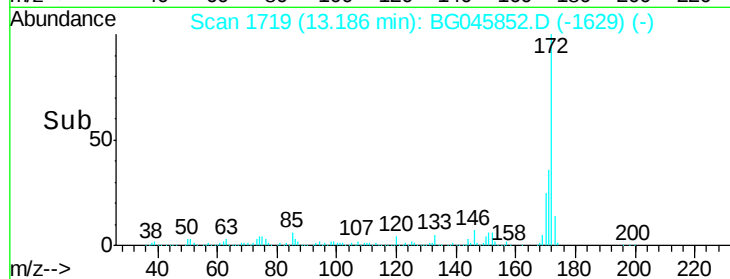
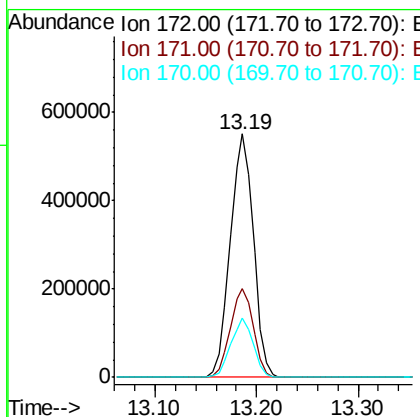
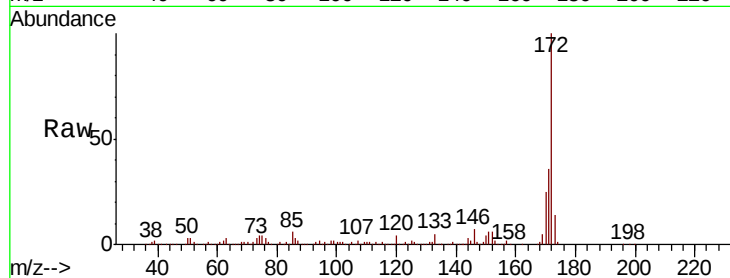
#45
2-Fluorobiphenyl
Concen: 84.033 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.5	19.3	28.9

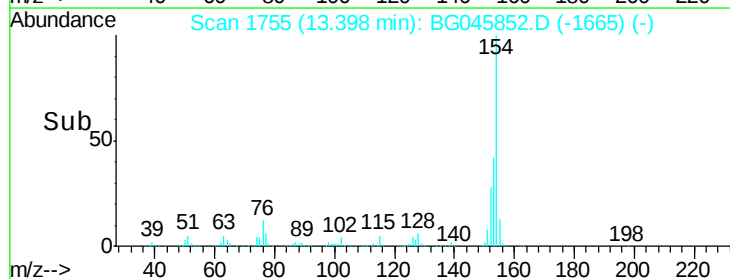
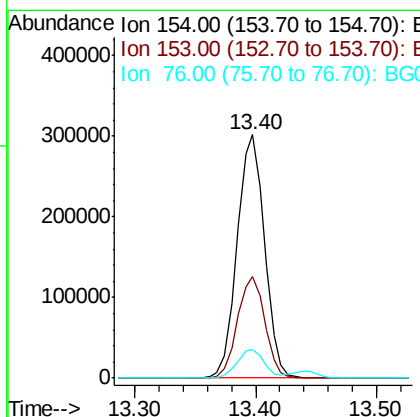
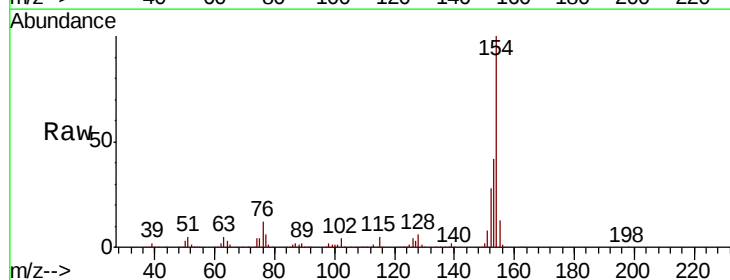
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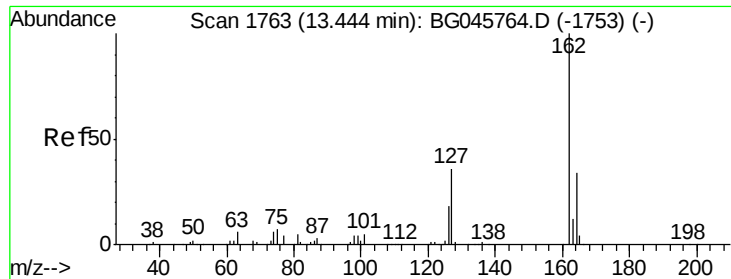
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#46
1,1'-Biphenyl
Concen: 43.817 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.7	61.7
76	11.7	0.0	32.0





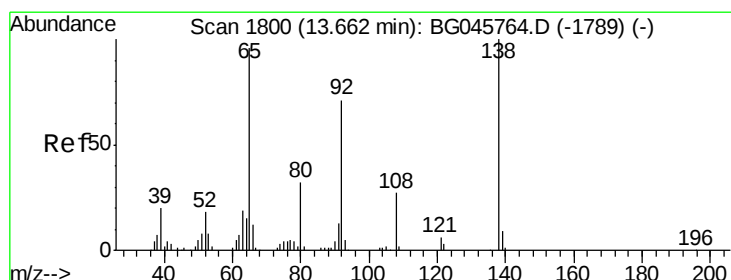
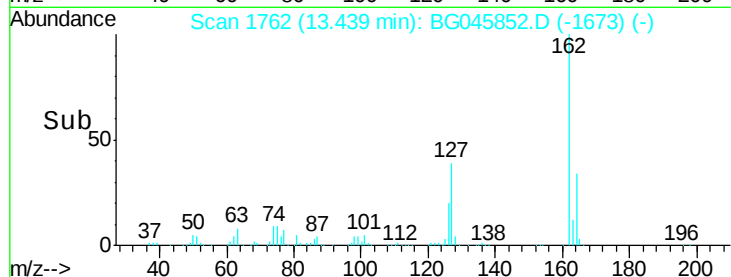
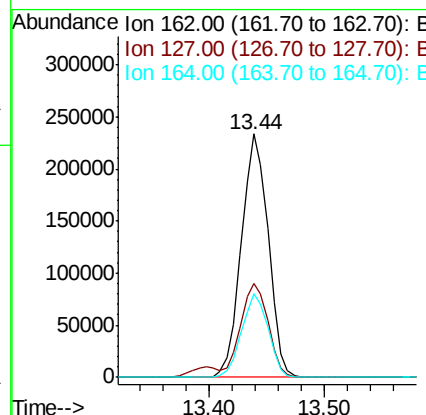
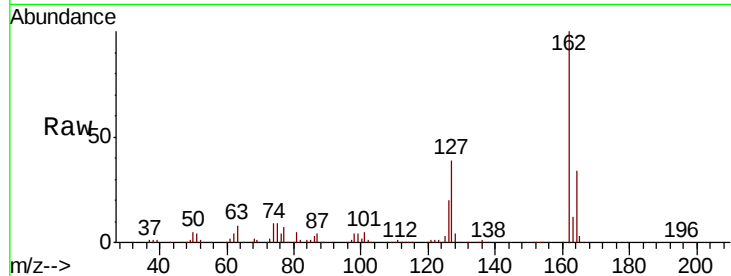
#47
2-Chloronaphthalene
Concen: 42.743 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.5	45.7
164	34.3	27.2	40.8

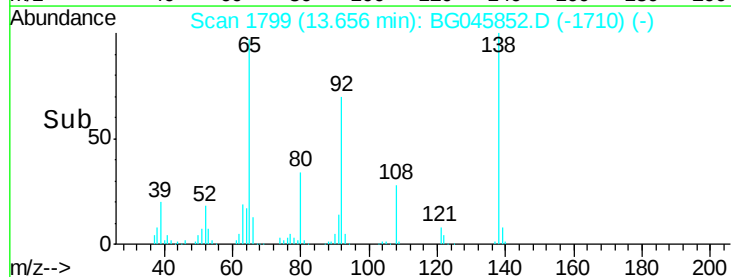
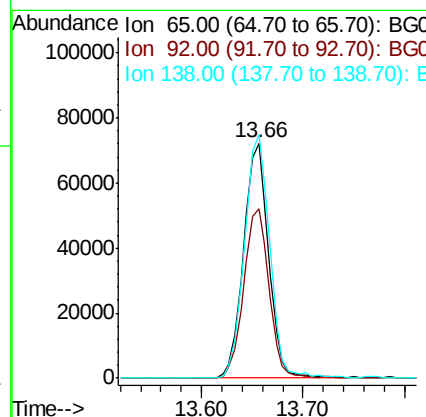
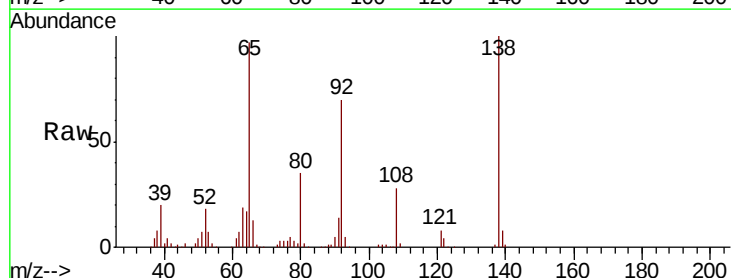
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#48
2-Nitroaniline
Concen: 42.355 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	59.0	88.6
138	103.5	83.6	125.4





#49

Acenaphthylene

Concen: 42.988 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

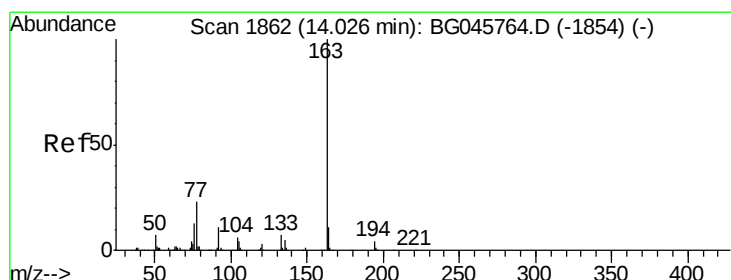
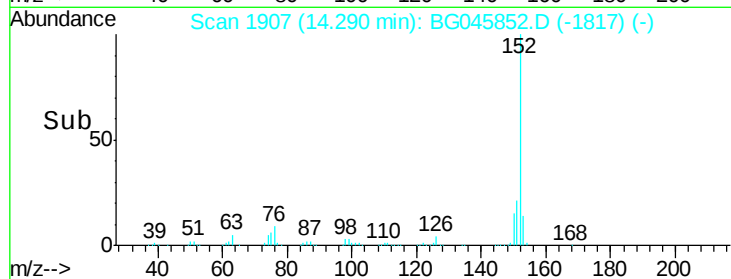
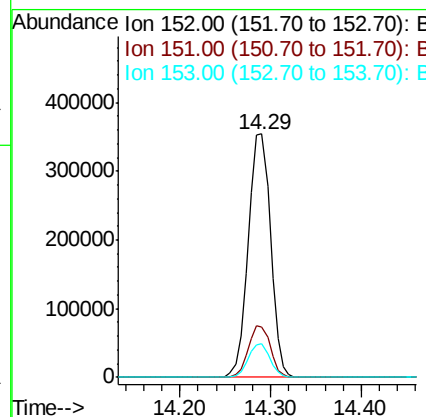
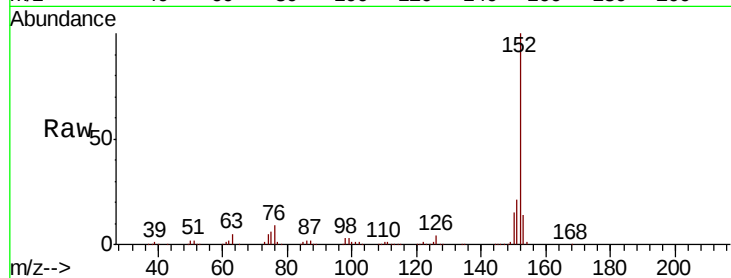
ClientSampleId :

RB47184-RTMSD

Tot Ion:	152	Resp:	605218
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.4
153	13.7	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 48.917 ng

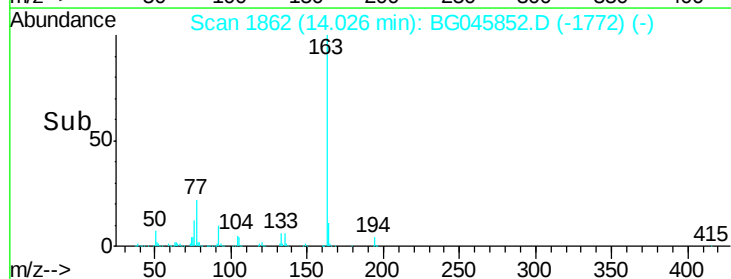
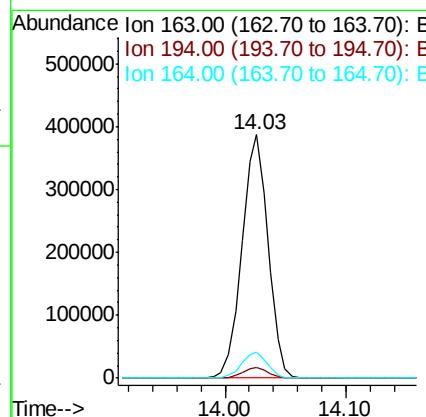
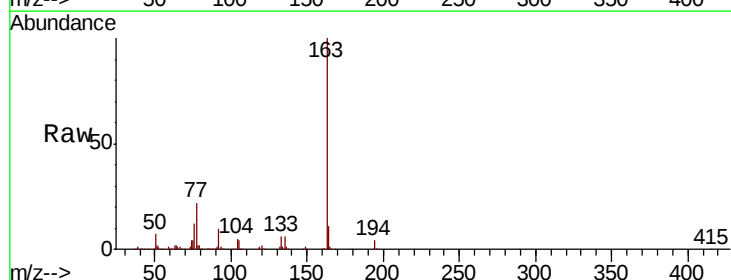
RT: 14.03 min Scan# 1862

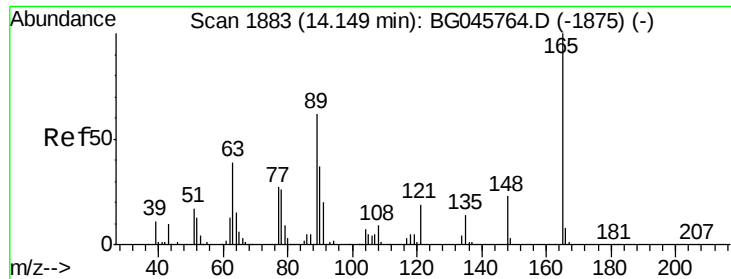
Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	163	Resp:	582427
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.9	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 42.483 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

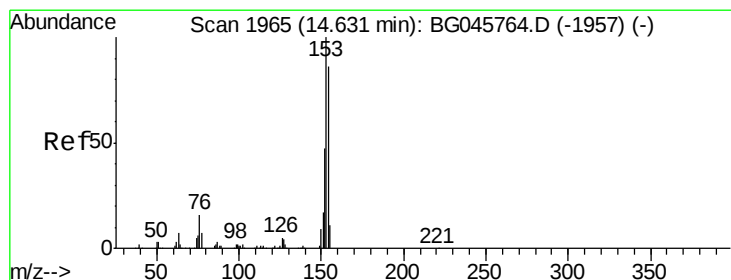
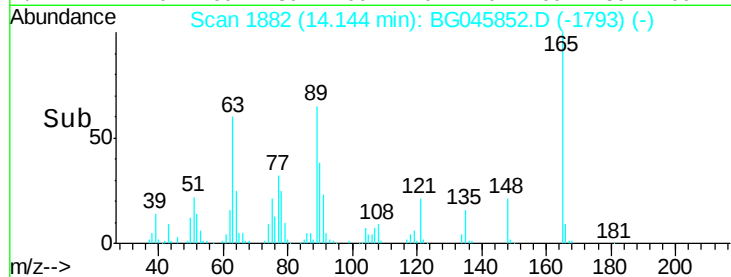
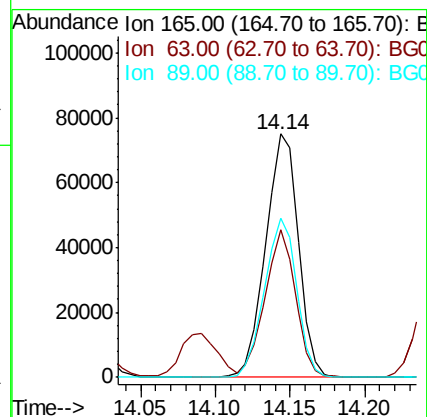
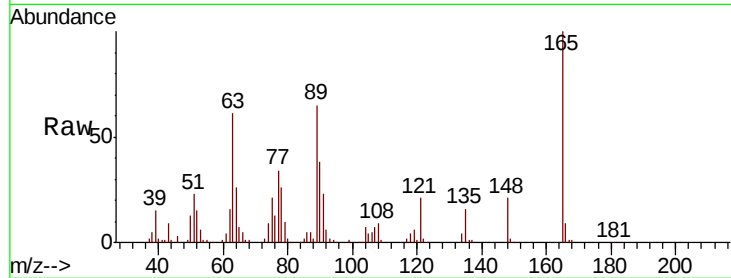
RB47184-RTMSD

Tot Ion:165 Resp: 113608
Ion Ratio Lower Upper

165	100		
63	60.7	41.2	61.8
89	65.3	49.7	74.5

Manual Integrations
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#52

Acenaphthene

Concen: 42.254 ng

RT: 14.63 min Scan# 1965

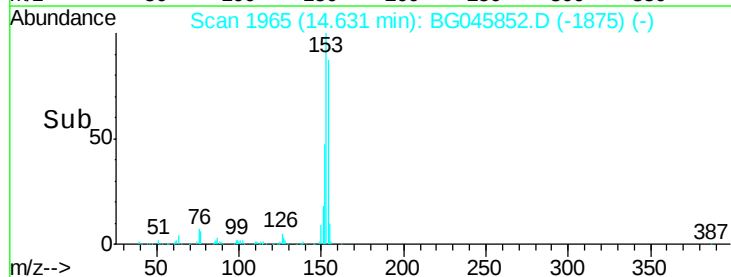
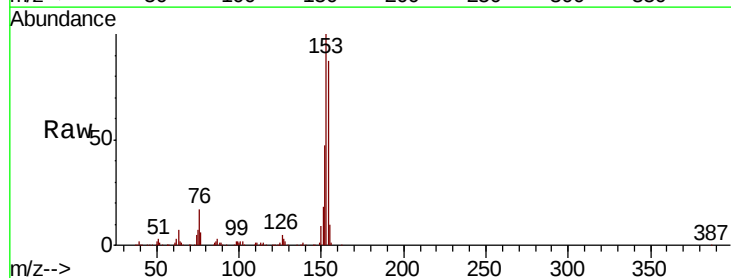
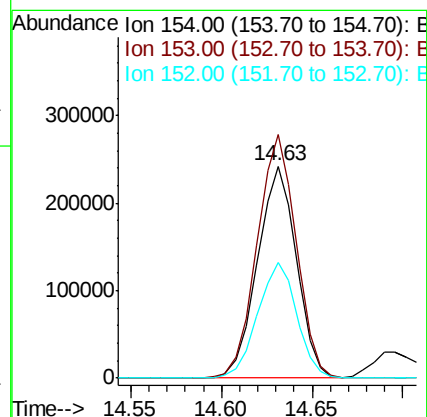
Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:154 Resp: 360592
Ion Ratio Lower Upper

154	100		
153	114.9	93.0	139.4
152	54.4	43.7	65.5





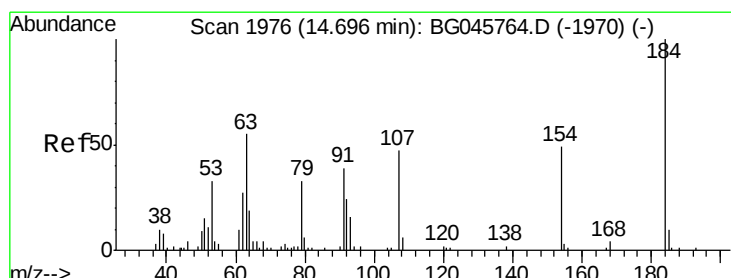
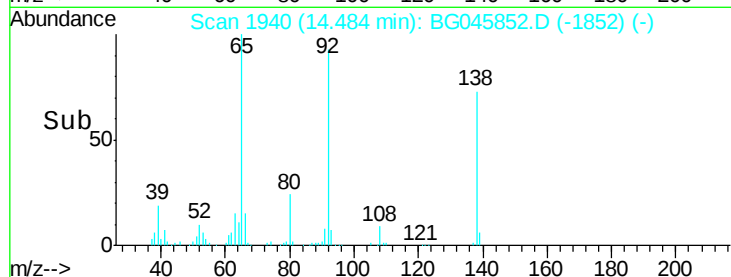
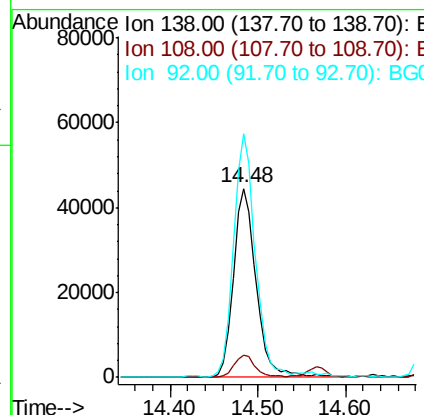
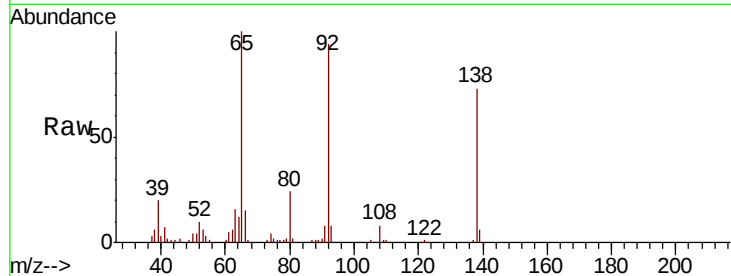
#53
3-Nitroaniline
Concen: 29.404 ng
RT: 14.48 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.4	12.6
92	129.0	95.6	143.4

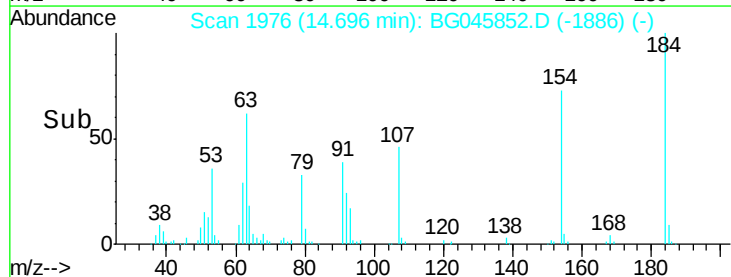
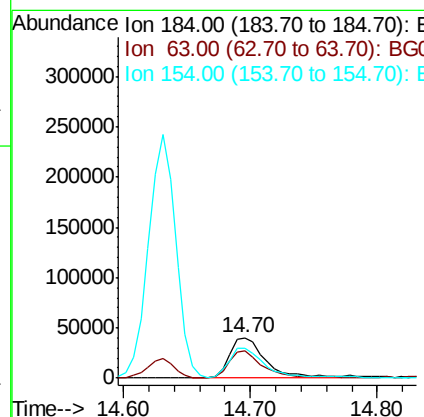
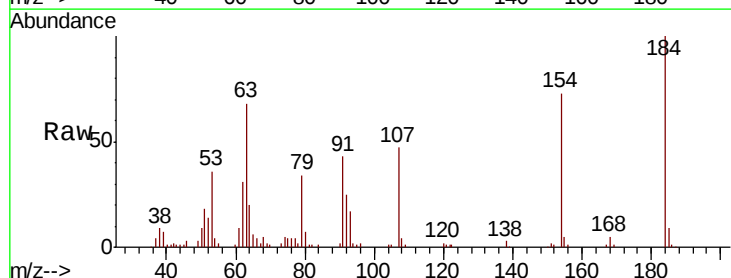
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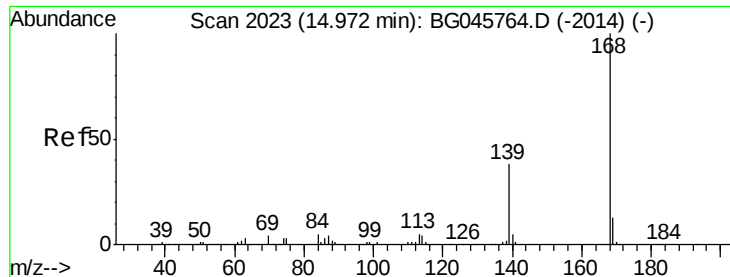
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#54
2,4-Dinitrophenol
Concen: 56.809 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	46.6	70.0
154	72.7	58.6	87.8





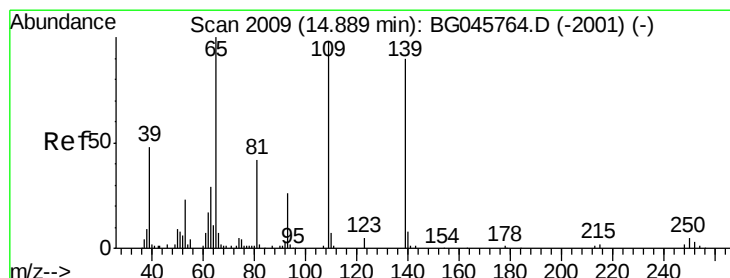
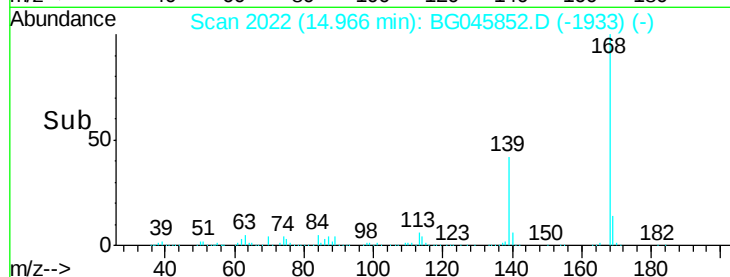
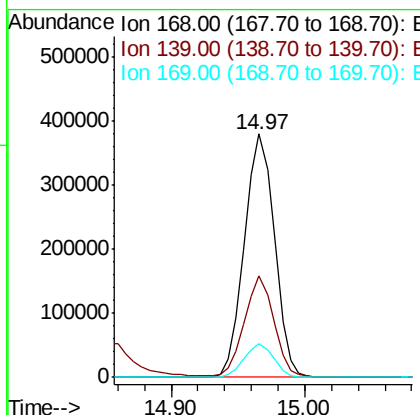
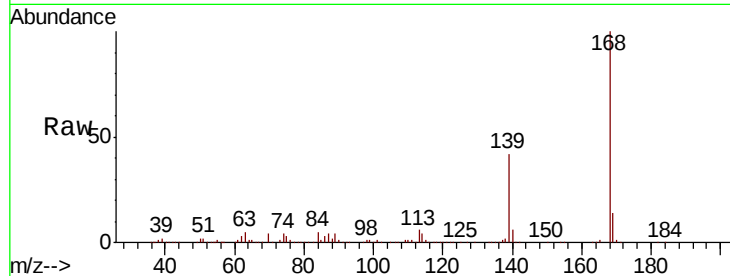
#55
Dibenzenofuran
Concen: 42.758 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.8	47.6
169	14.1	10.4	15.6

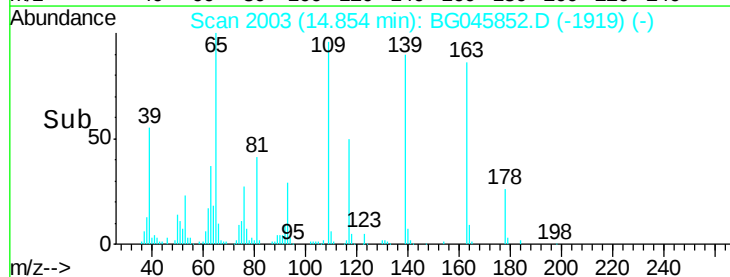
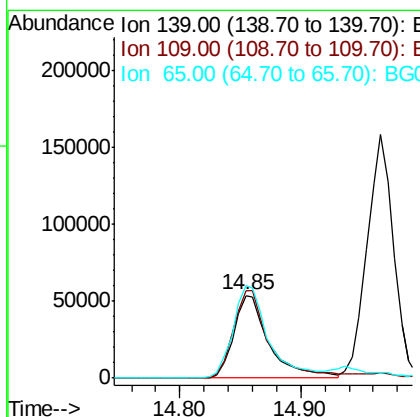
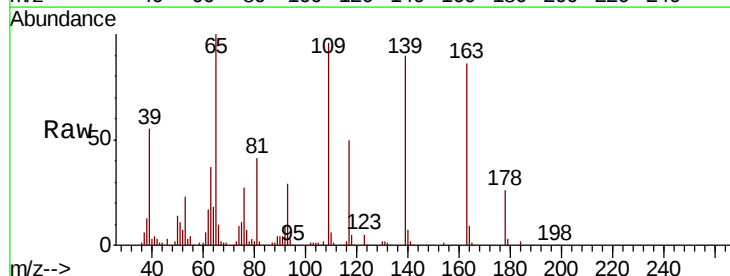
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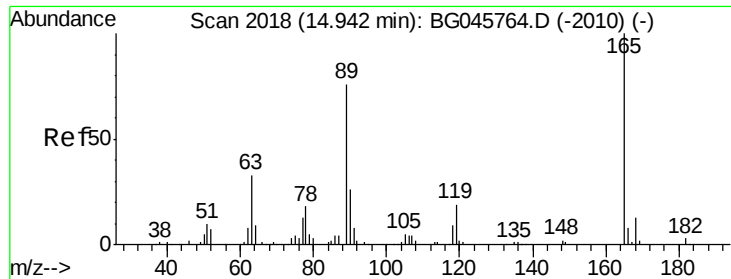
mohammad
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#56
4-Nitrophenol
Concen: 58.138 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.7	88.9	128.9
65	111.6	92.3	132.3





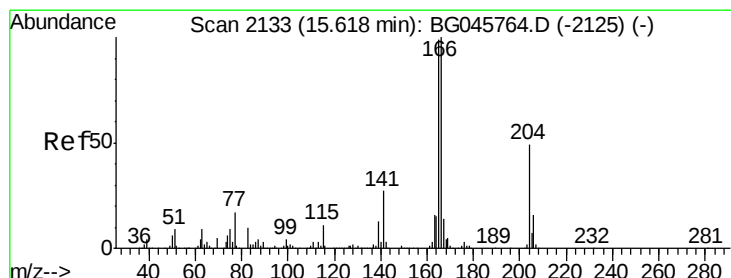
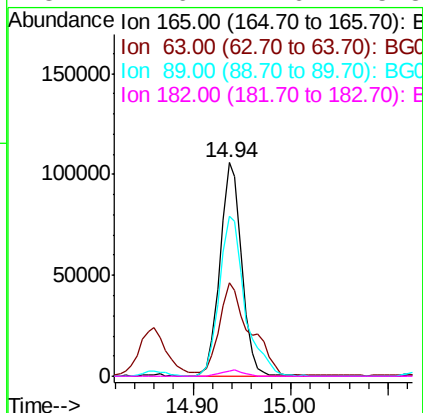
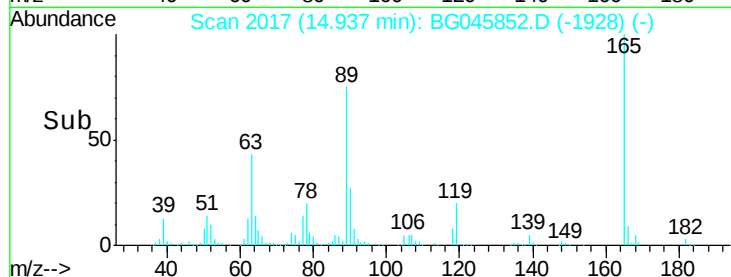
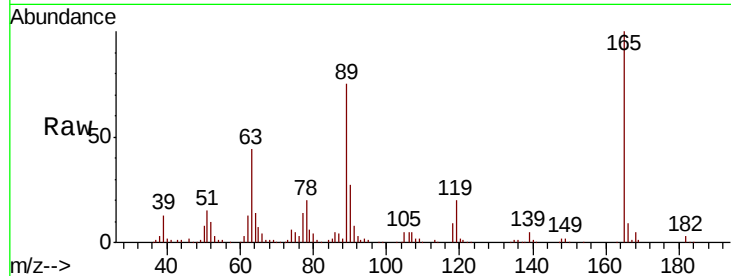
#57
2,4-Dinitrotoluene
Concen: 42.501 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	162844		
63	43.7	33.8	50.8	
89	74.7	60.4	90.6	
182	2.6	2.6	3.8	

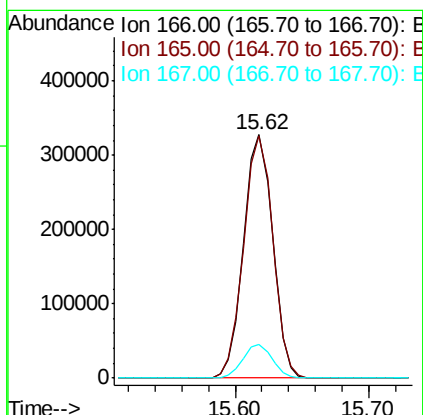
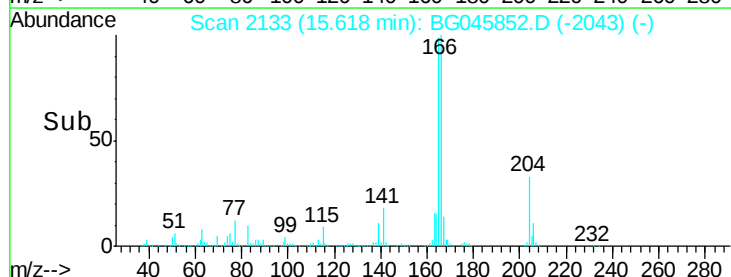
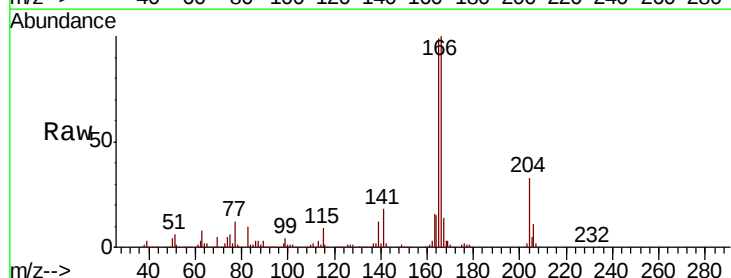
Manual Integrations
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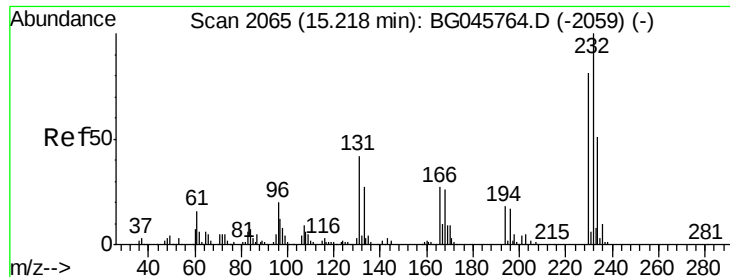
mohammad
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#58
Fluorene
Concen: 42.846 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	493922		
165	99.4	79.1	118.7	
167	13.7	11.5	17.3	





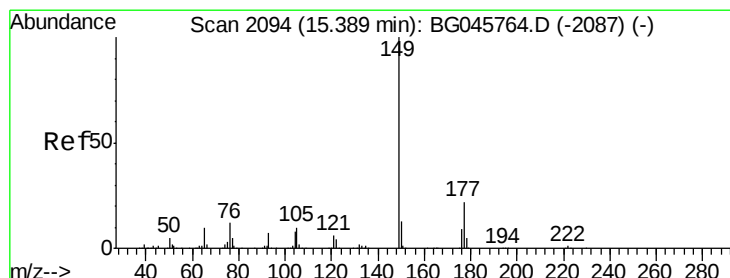
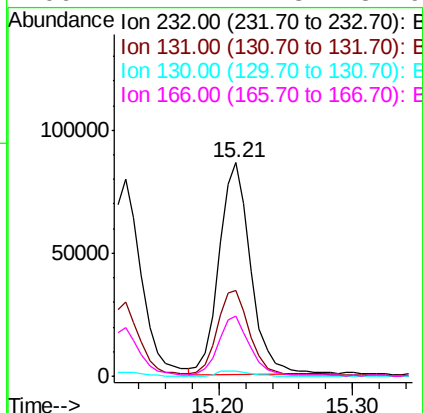
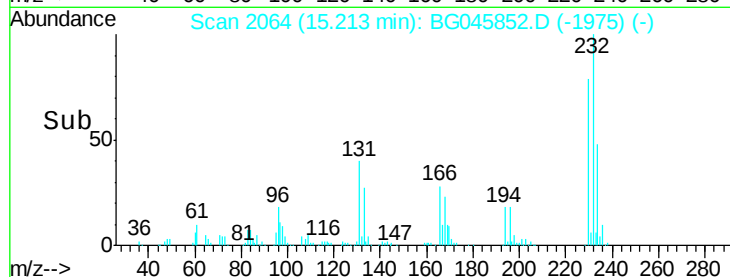
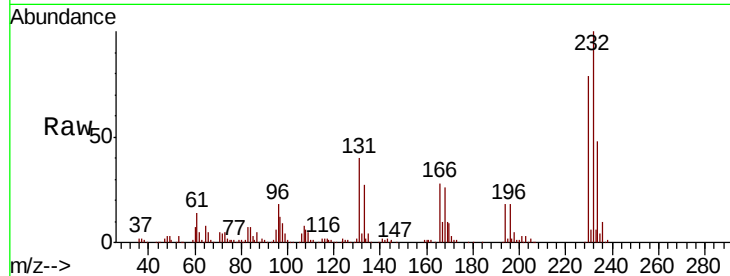
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.787 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	32.2	48.2
130	2.5	2.2	3.4
166	27.1	21.3	31.9

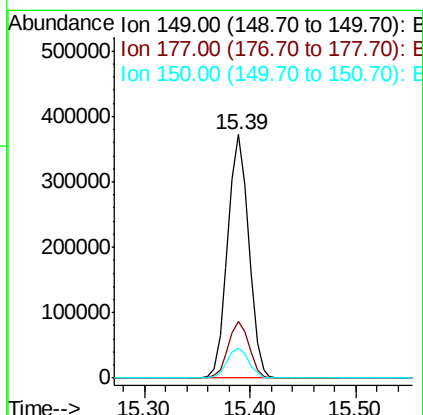
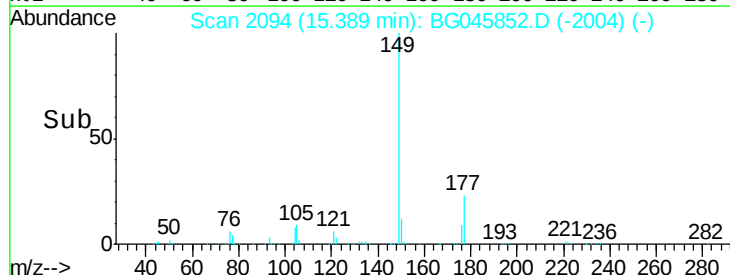
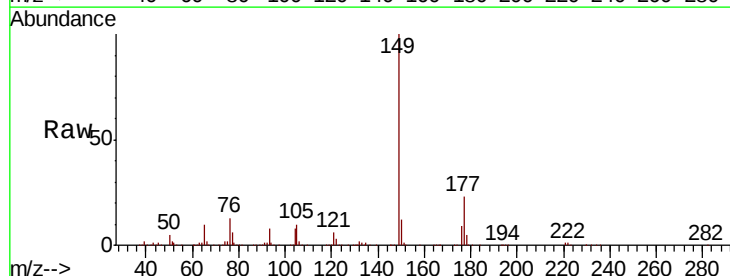
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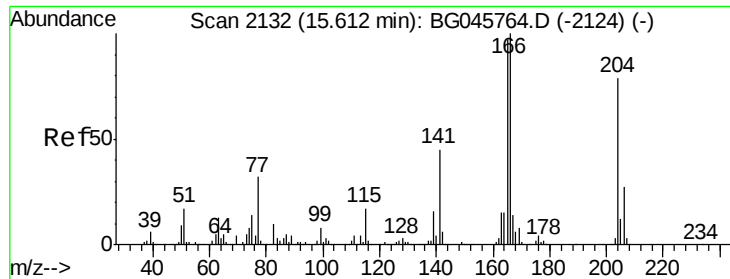
mohammad
 6/25/2020 1:06:41 PM



#60
 Diethylphthalate
 Concen: 42.131 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.2	25.8
150	12.5	10.7	16.1





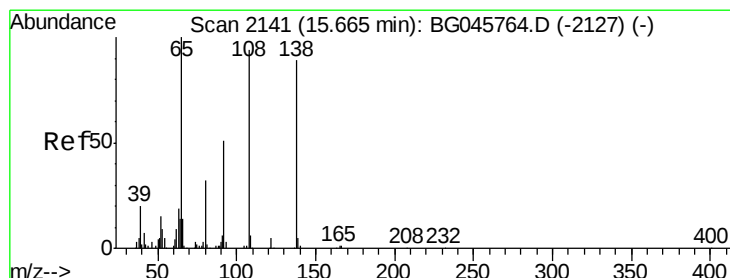
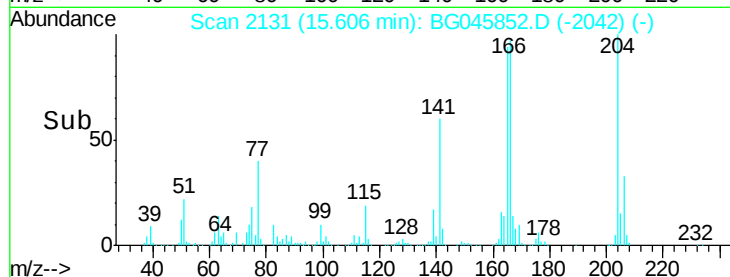
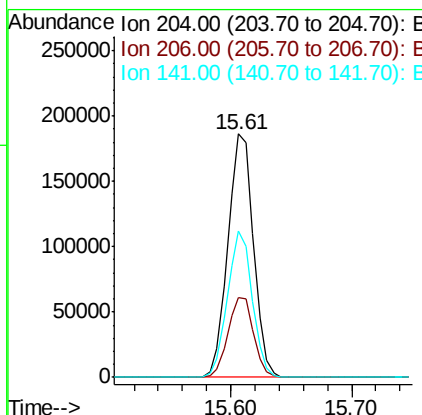
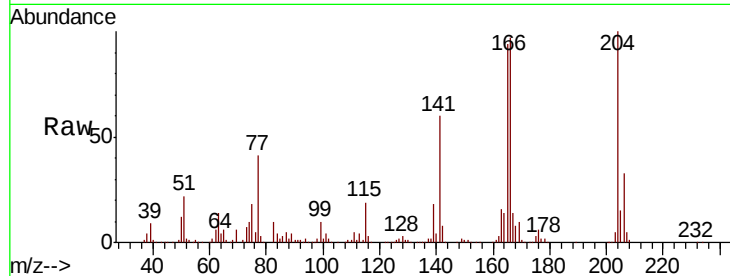
#61
4-Chlorophenyl-phenylether
Concen: 41.249 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.2	40.8
141	60.3	45.9	68.9

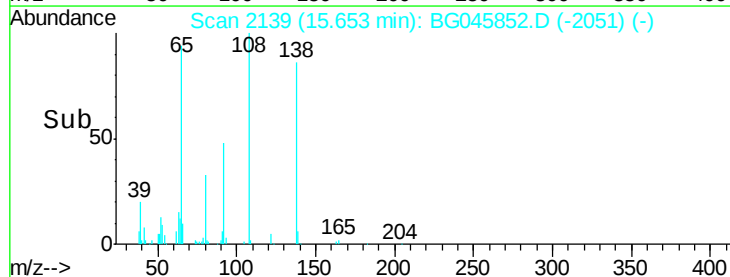
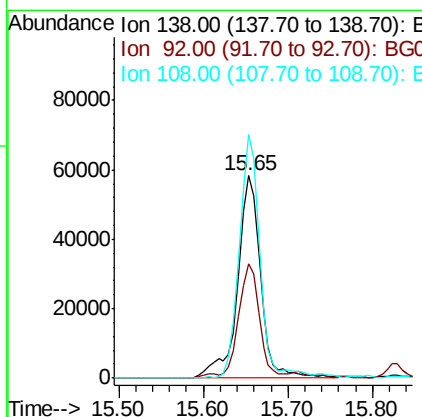
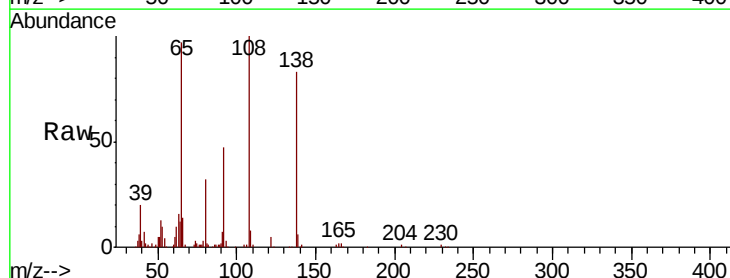
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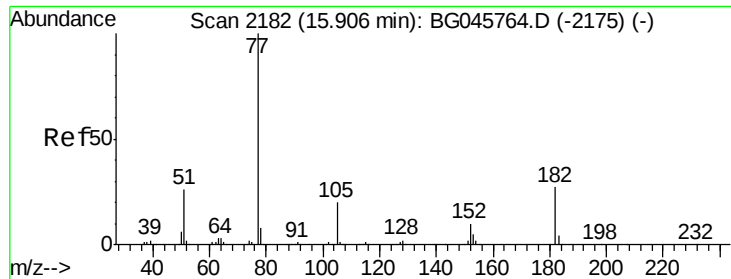
mohammad
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#62
4-Nitroaniline
Concen: 40.015 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	37.3	77.3
108	120.5	85.0	125.0





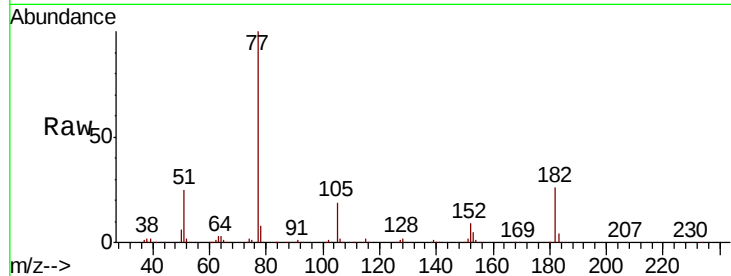
#63
Azobenzene
Concen: 42.643 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

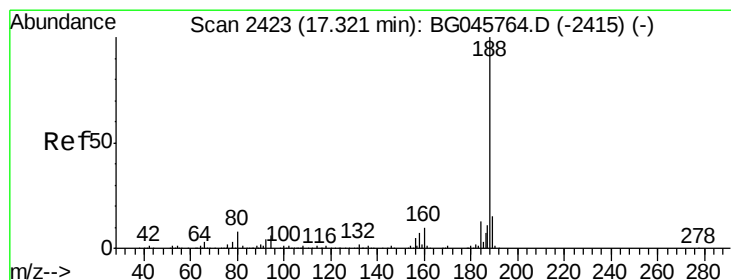
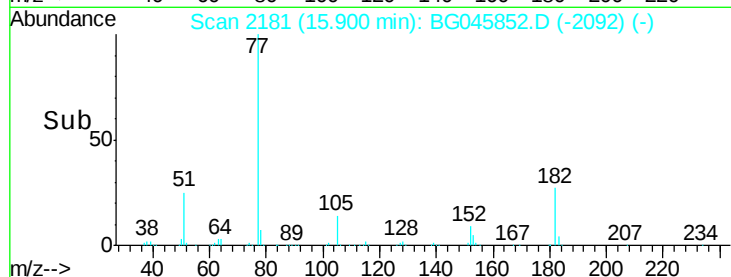
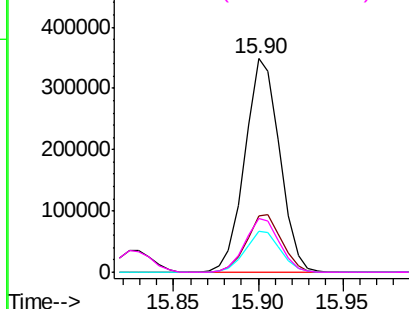
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	7.4	47.4	
105	18.9	0.1	40.1	
51	25.0	5.7	45.7	

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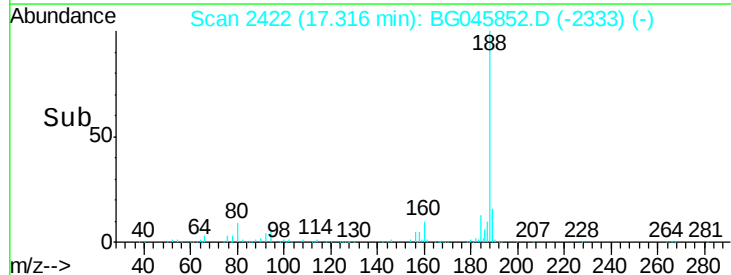
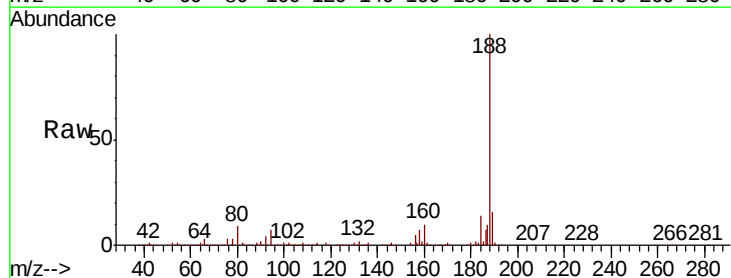
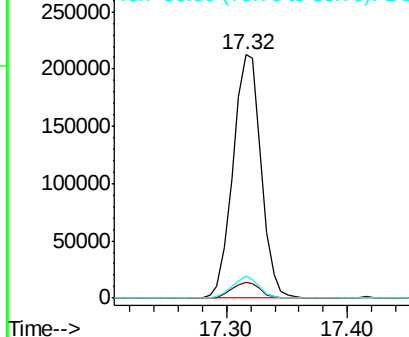
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

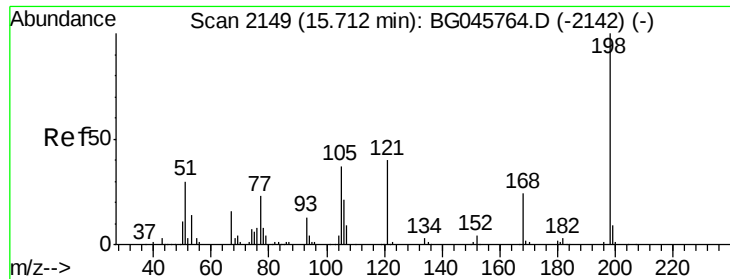


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.7	5.1	7.7	
80	9.3	6.2	9.4	

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





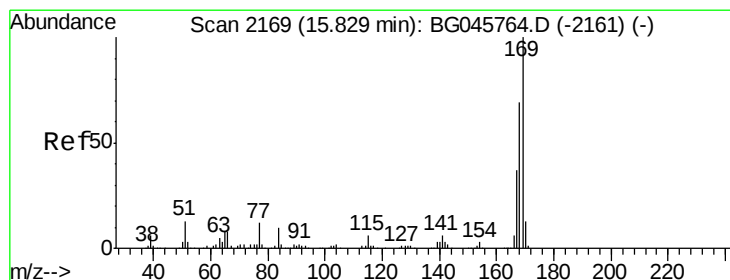
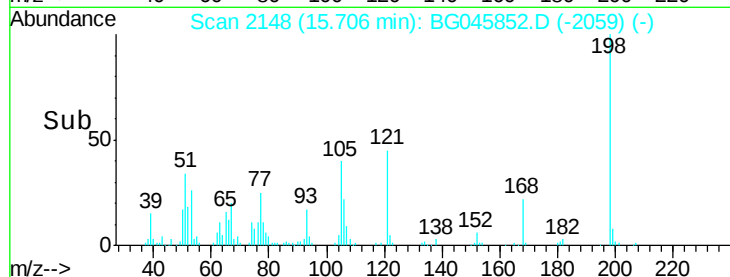
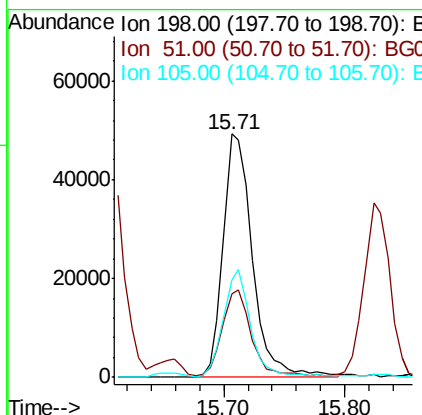
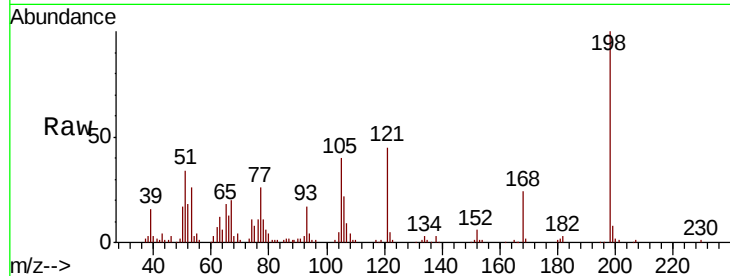
#65
4,6-Dinitro-2-methylphenol
Concen: 39.157 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	14.6	54.6
105	40.0	18.4	58.4

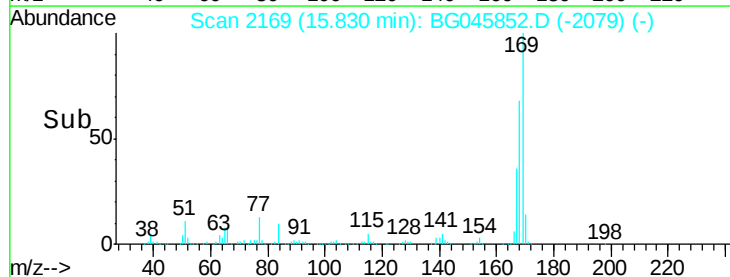
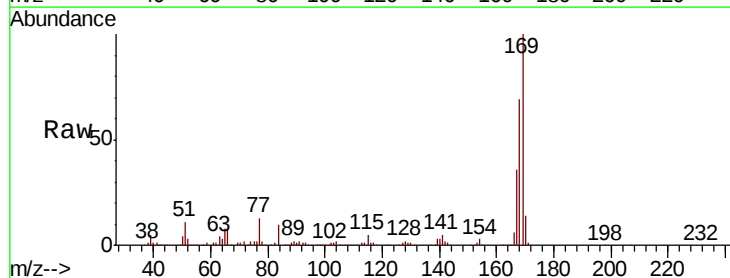
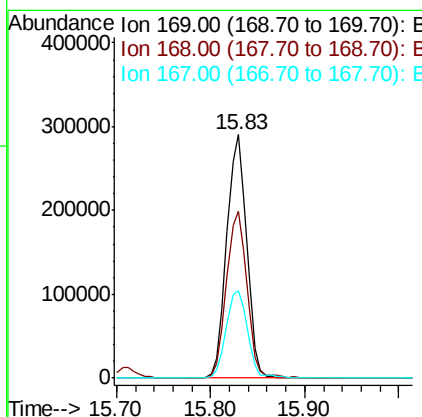
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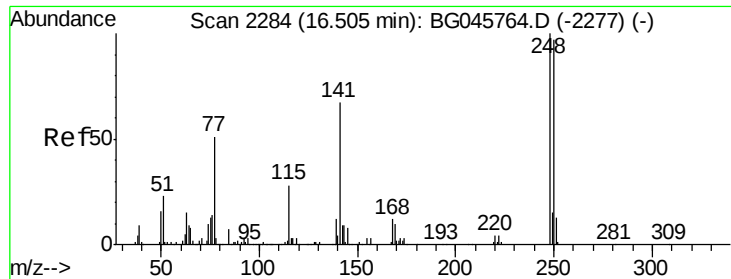
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.147 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.2	82.8
167	36.0	29.8	44.6





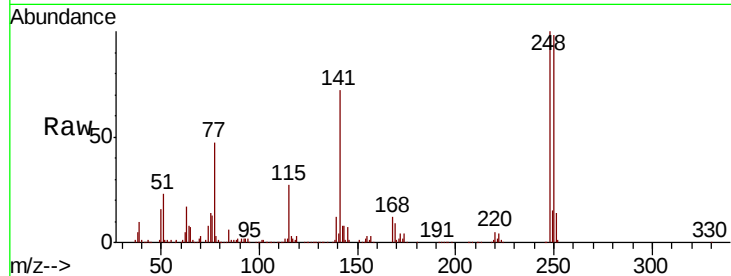
#67
4-Bromophenyl-phenylether
Concen: 42.079 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.0	117.0
141	71.7	53.9	80.9

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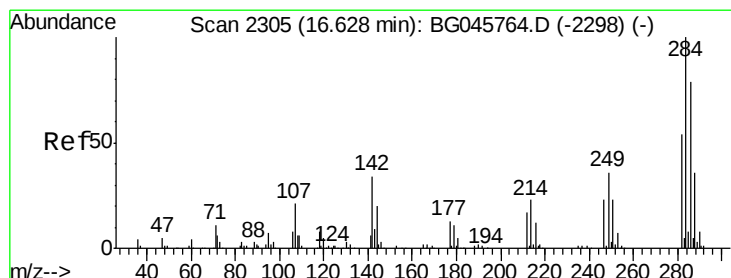
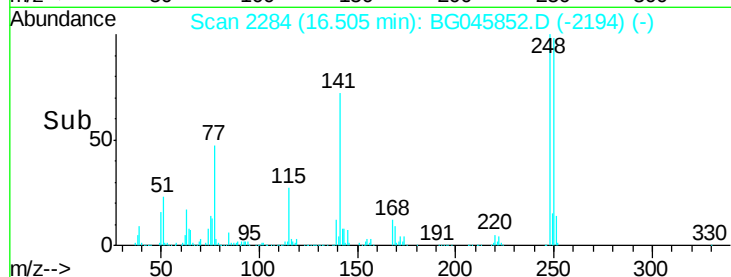
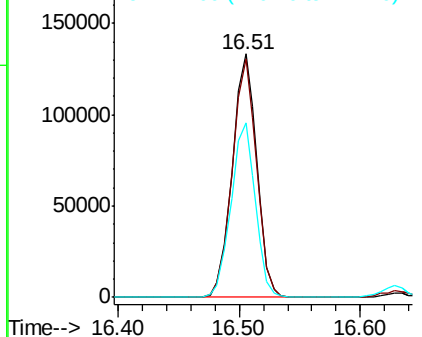


Abundance

Ion 248.00 (247.70 to 248.70): E

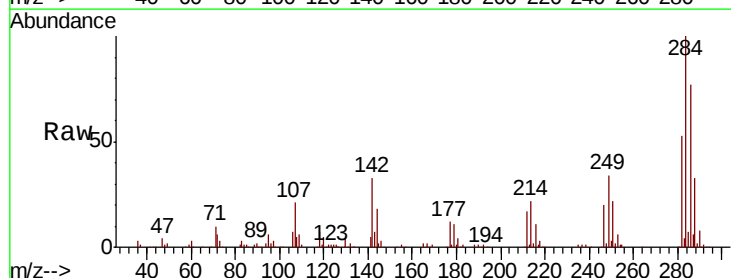
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.754 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.9	40.3
249	33.7	28.6	42.8

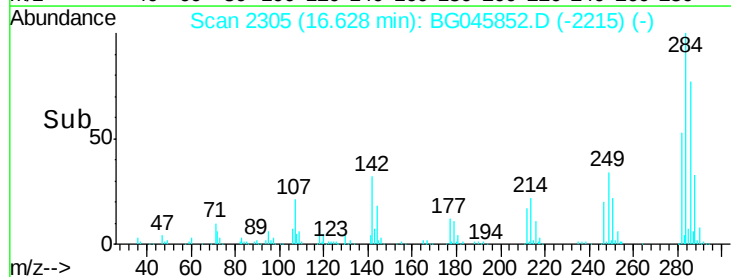
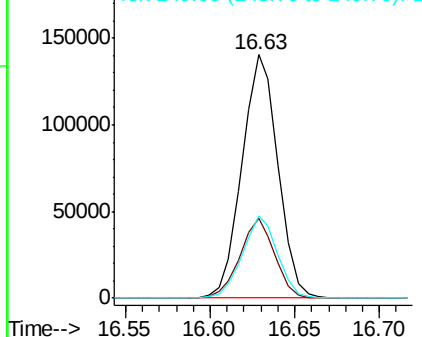


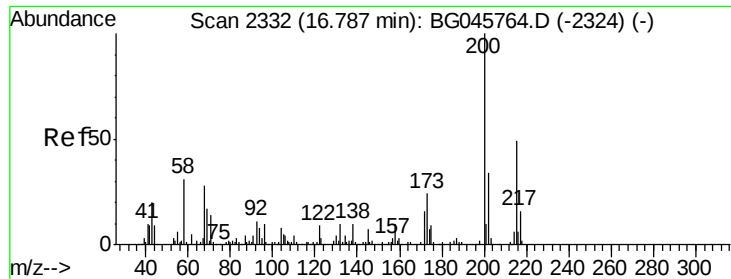
Abundance

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





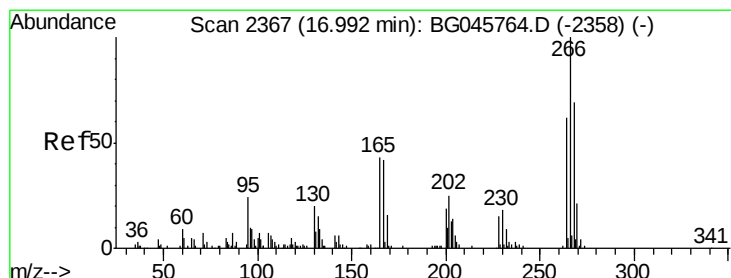
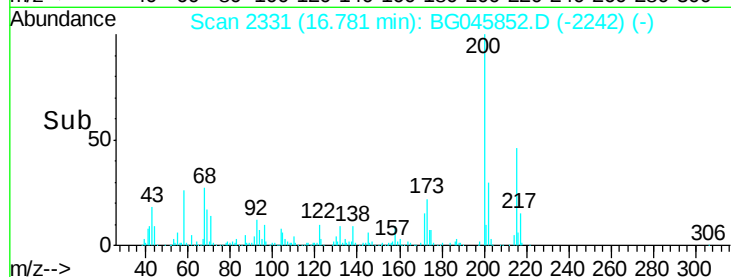
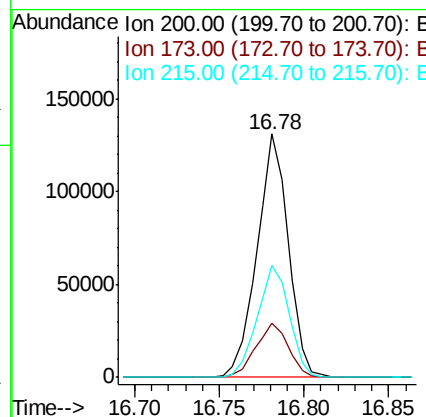
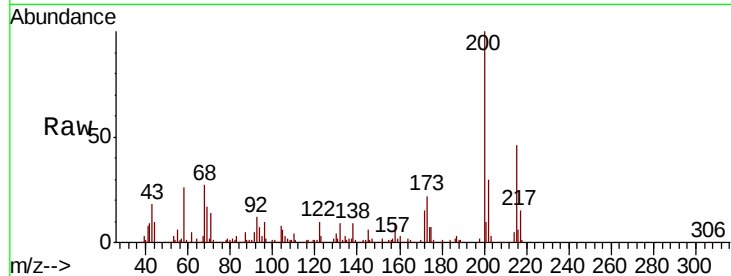
#69
Atrazine
Concen: 44.724 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.0	3.9	43.9
215	45.7	28.8	68.8

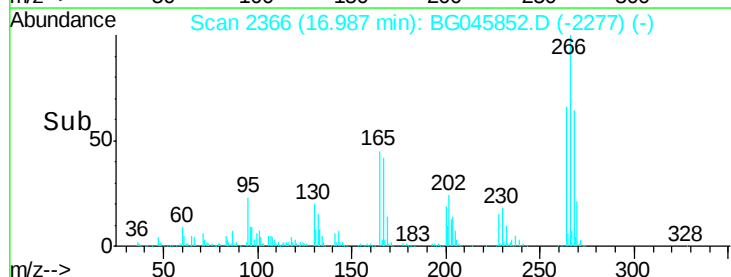
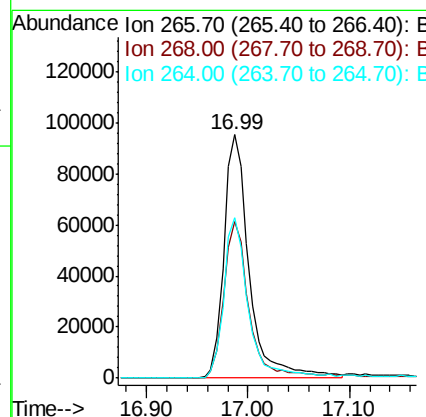
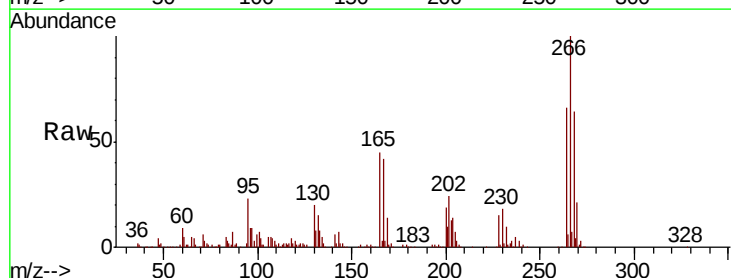
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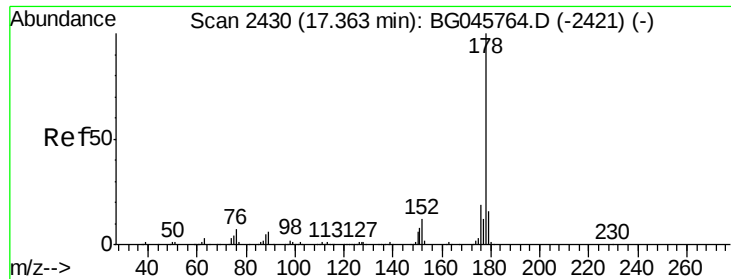
mohammad
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#70
Pentachlorophenol
Concen: 73.118 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	55.4	83.0
264	65.8	49.8	74.6





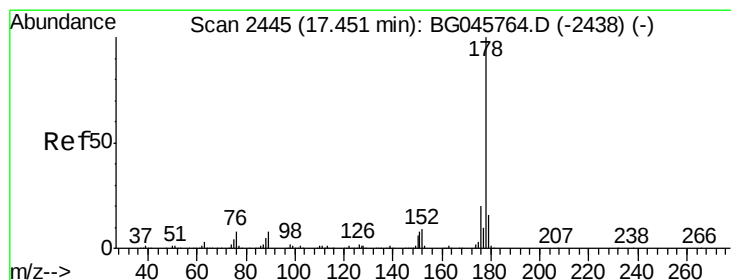
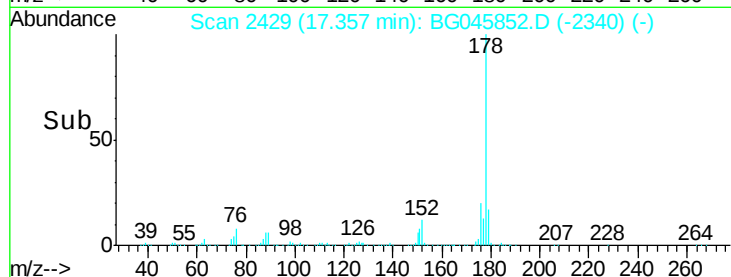
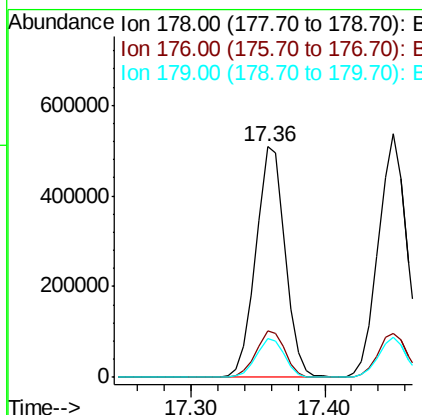
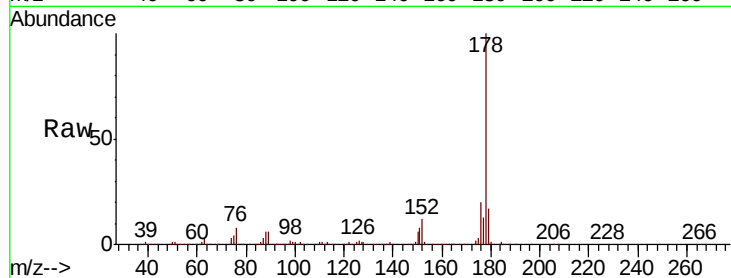
#71
Phenanthrene
Concen: 43.194 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	16.8	13.2	19.8

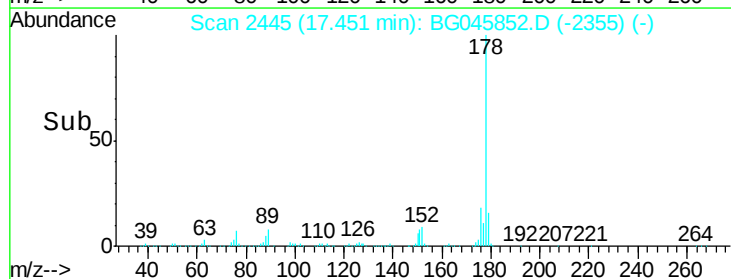
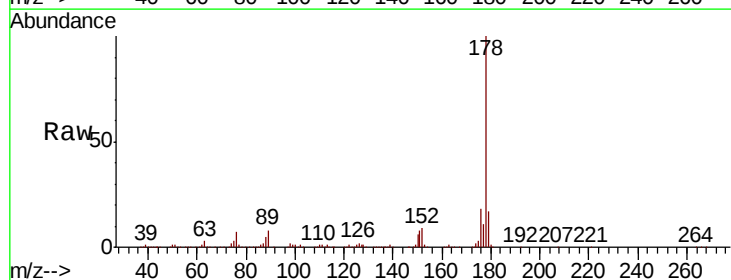
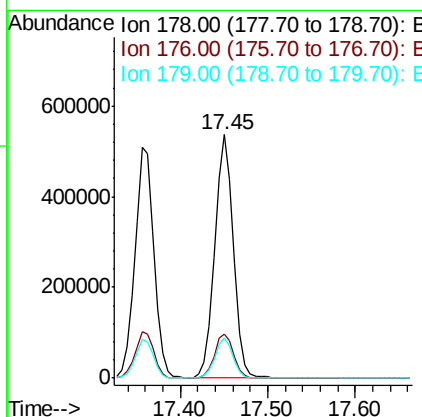
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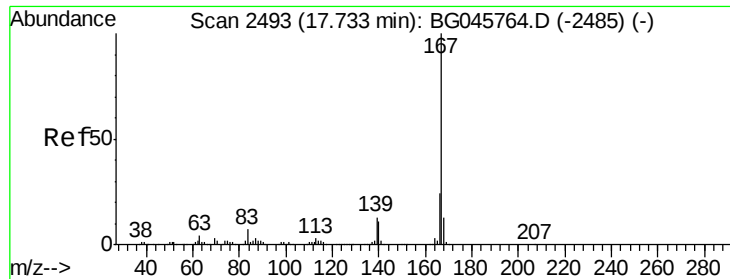
mohammad
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#72
Anthracene
Concen: 44.877 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	16.6	13.1	19.7





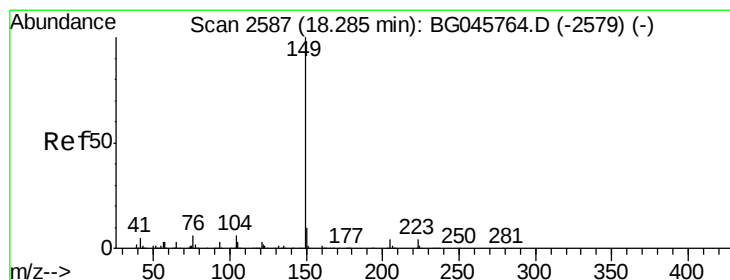
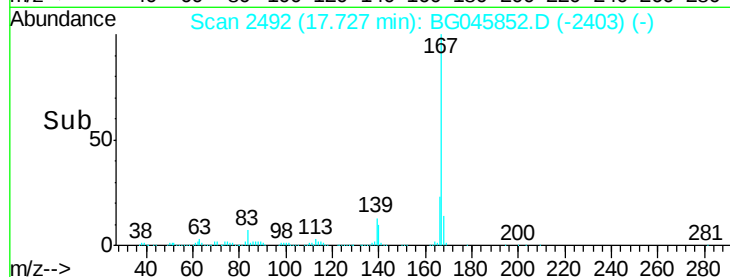
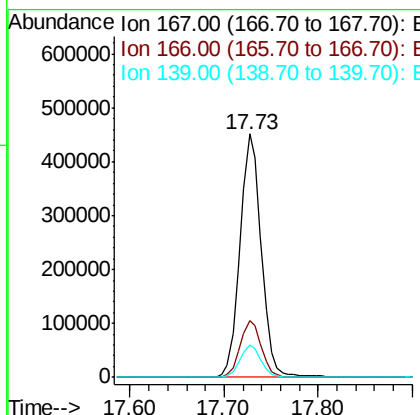
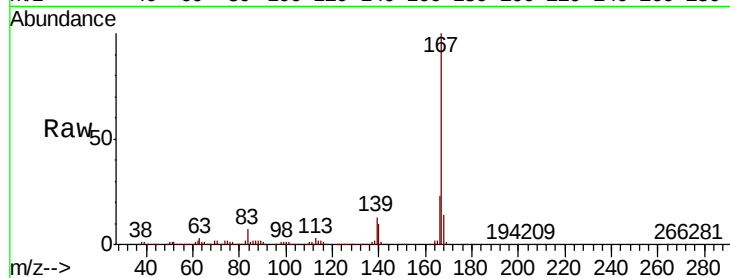
#73
 Carbazole
 Concen: 42.086 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.9	28.3
139	13.1	10.6	15.8

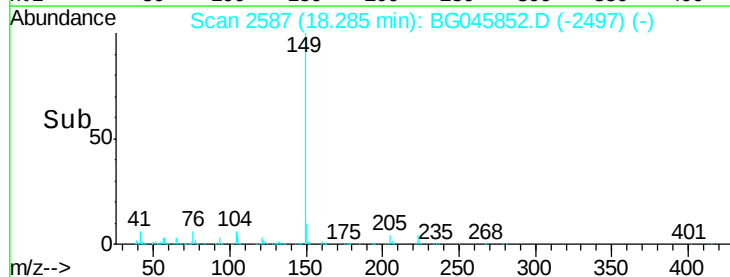
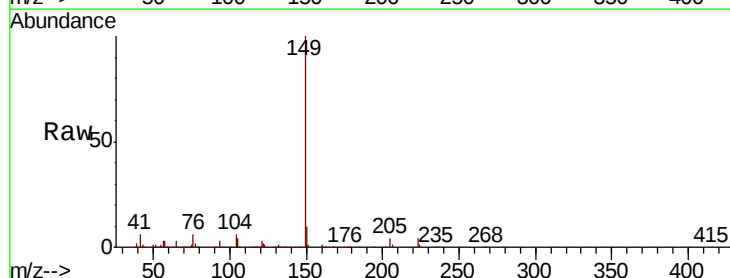
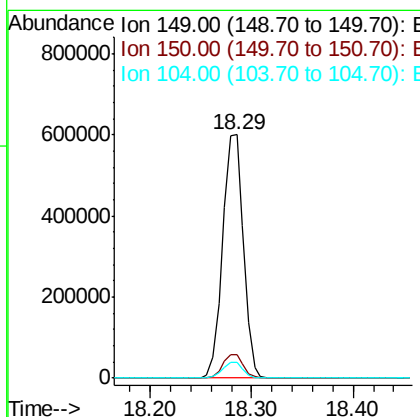
Manual Integrations
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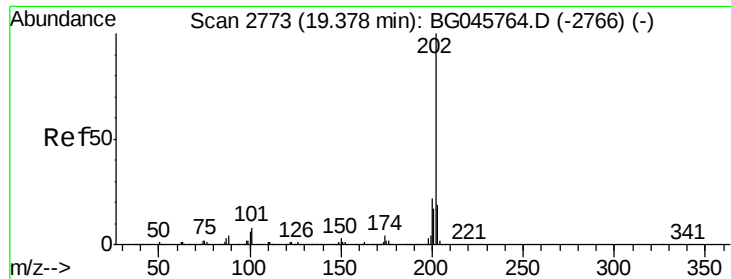
mohammad
 6/25/2020 1:06:41 PM



#74
 Di-n-butylphthalate
 Concen: 42.823 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 42.988 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

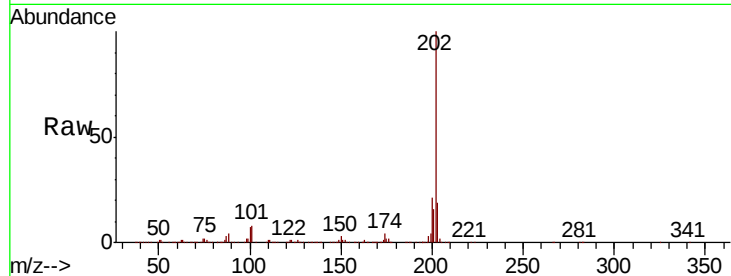
ClientSampleId :

RB47184-RTMSD

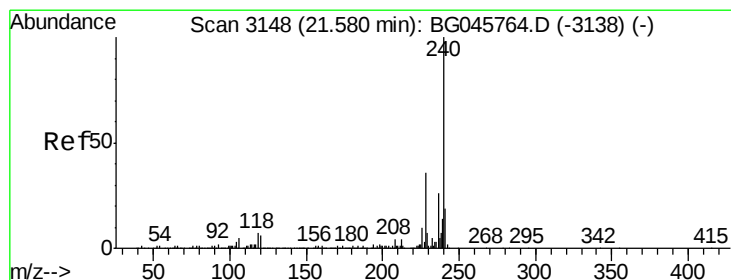
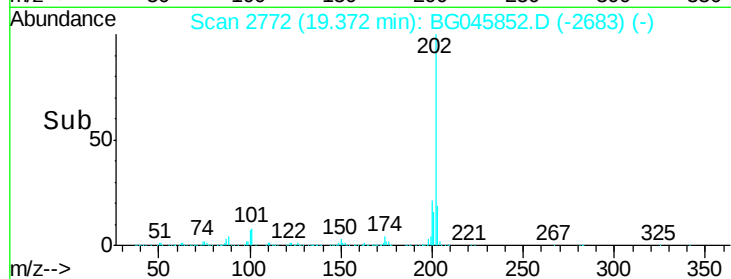
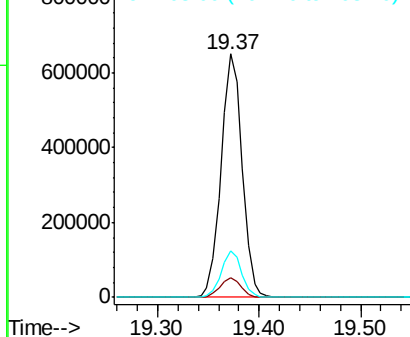
Tot Ion	Ratio	Resp	Lower	Upper
202	100	937433		
101	7.9	0.0	27.7	
203	19.1	0.0	38.7	

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



#76

Chrysene-d12

Concen: 20.000 ng

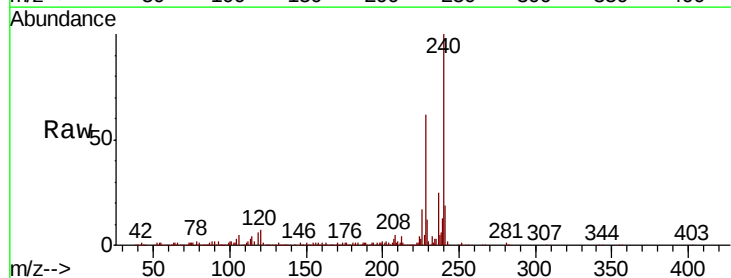
RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

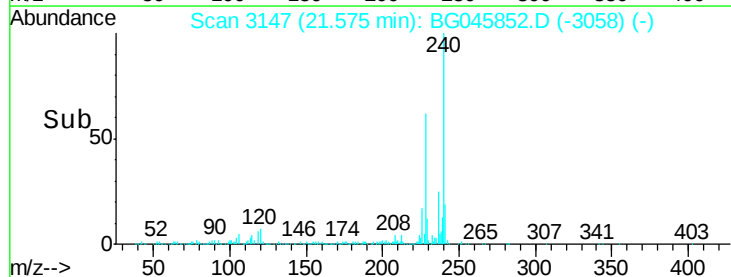
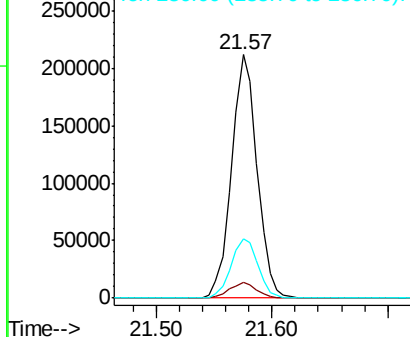
Lab File: BG045852.D

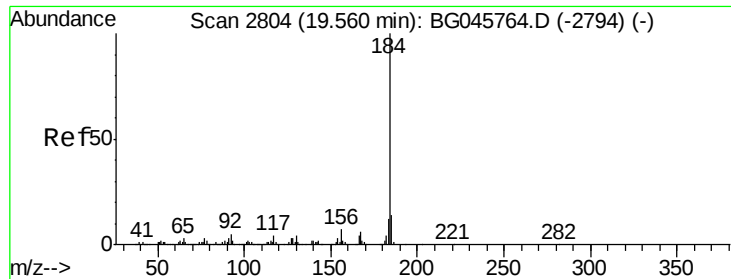
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	323880		
120	6.7	5.0	7.4	
236	24.5	20.6	30.8	



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





#77

Benzidine

Concen: 40.707 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

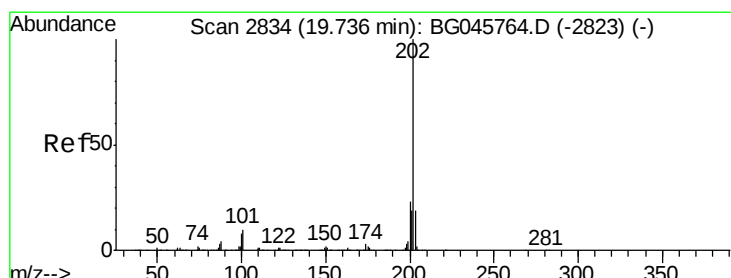
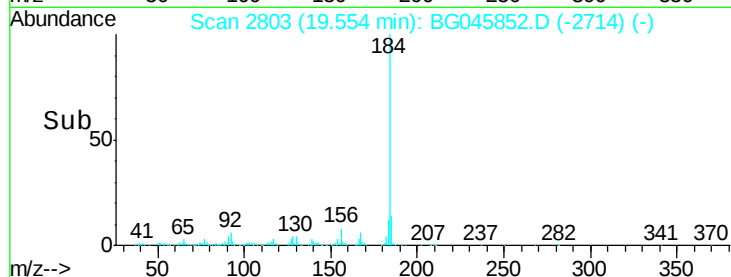
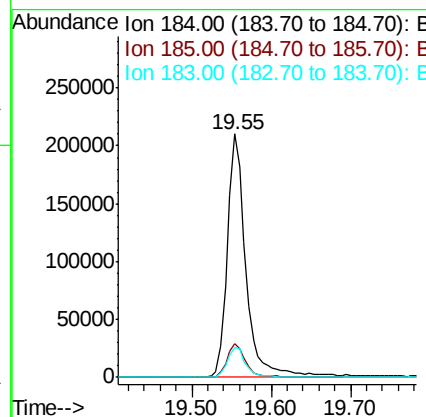
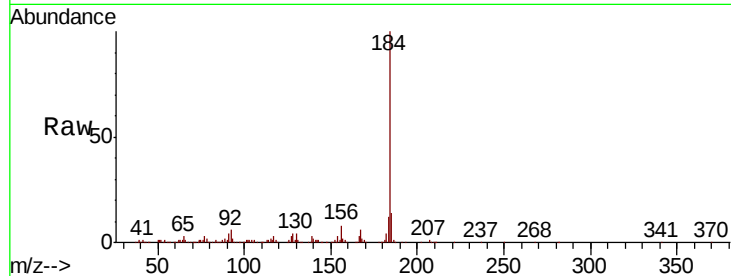
ClientSampleId :

RB47184-RTMSD

Tot Ion:	184	Resp:	342752
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.1	16.7
183	12.4	9.7	14.5

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#78

Pyrene

Concen: 42.386 ng

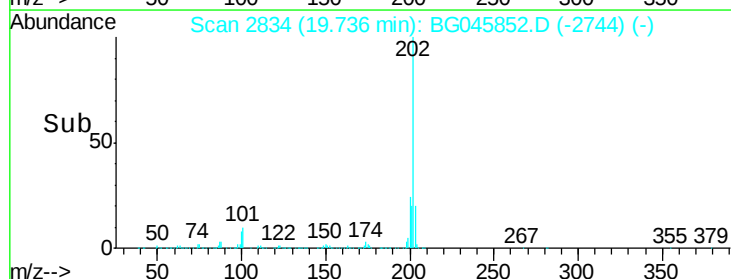
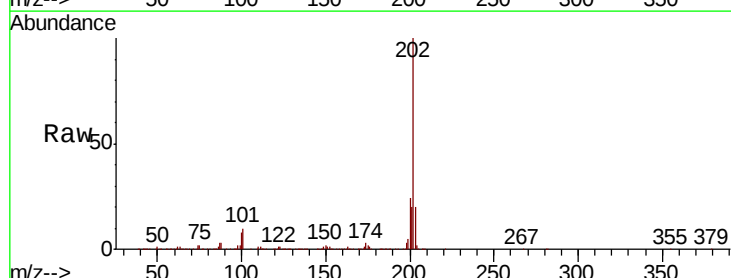
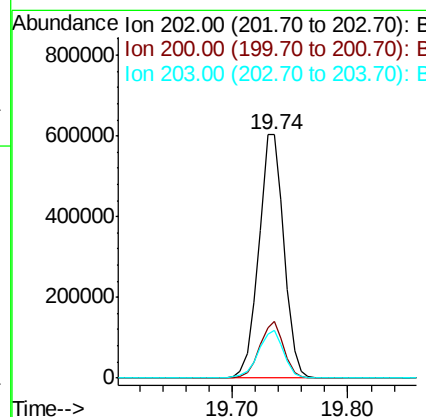
RT: 19.74 min Scan# 2834

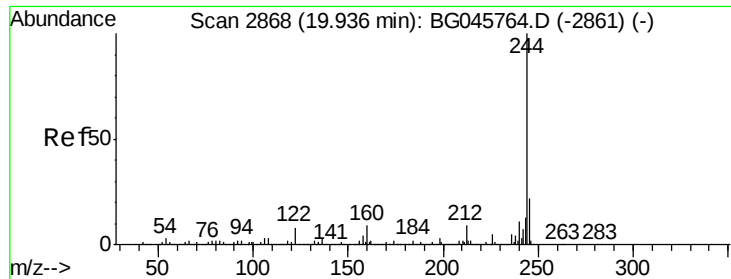
Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	202	Resp:	919279
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.2	27.2
203	19.5	14.8	22.2





#79

Terphenyl-d14

Concen: 88.573 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

RB47184-RTMSD

Tot Ion:244 Resp: 1415524

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

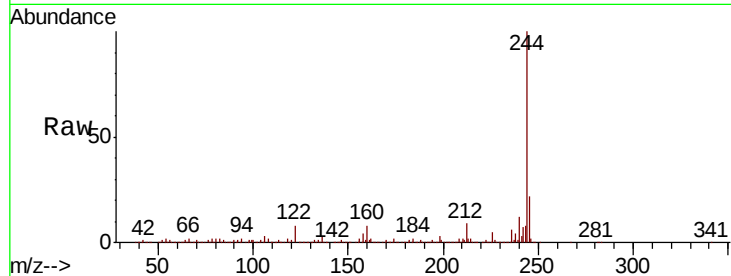
122 7.5 6.4 9.6

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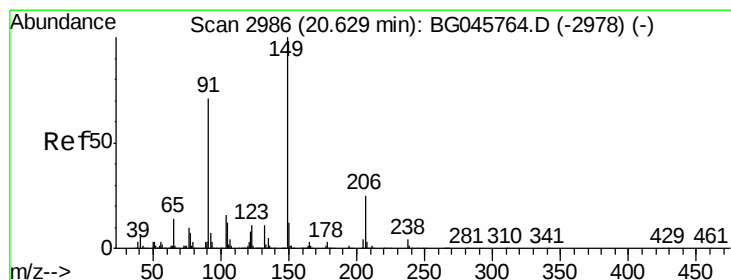
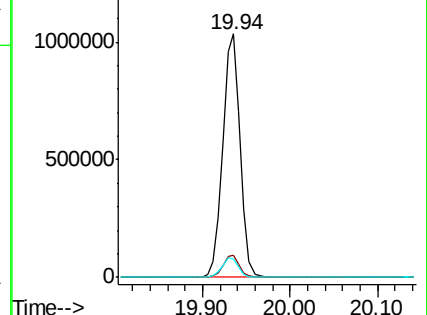
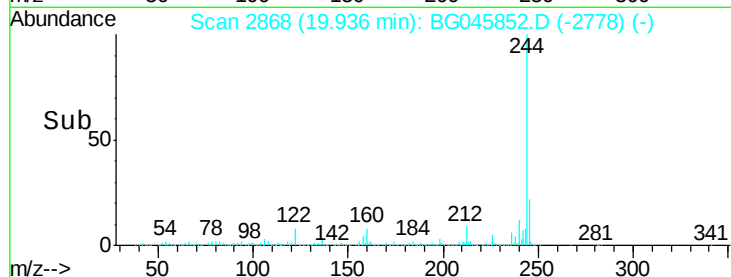
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.257 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

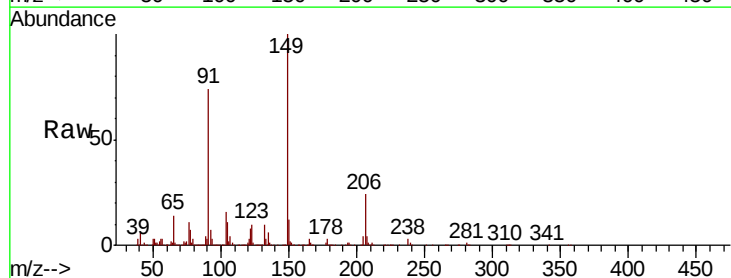
Tgt Ion:149 Resp: 383615

Ion Ratio Lower Upper

149 100

91 73.7 56.4 84.6

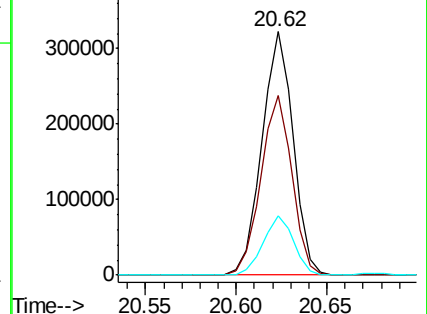
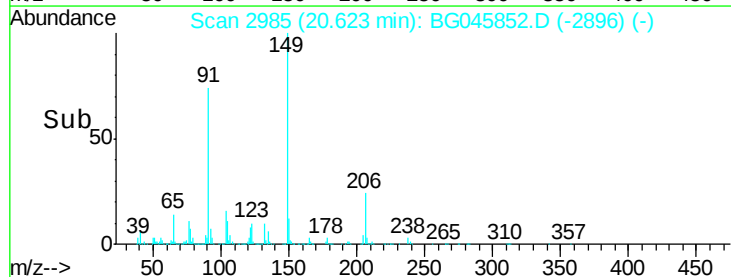
206 24.2 19.8 29.6

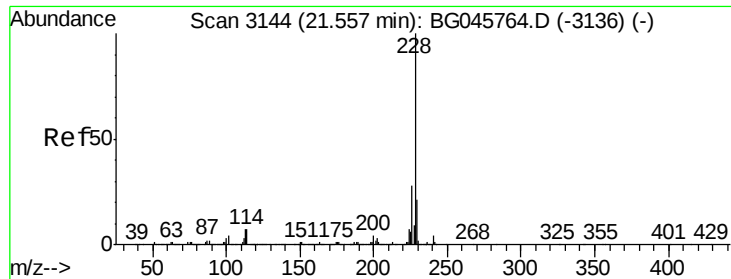


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.374 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

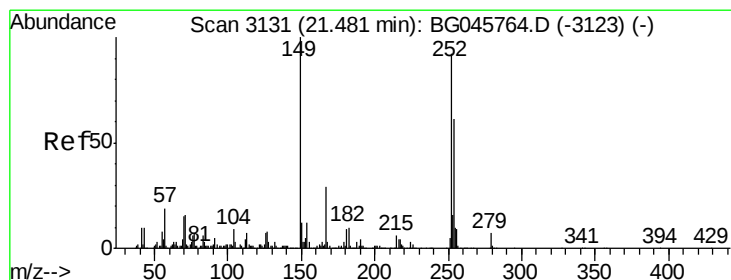
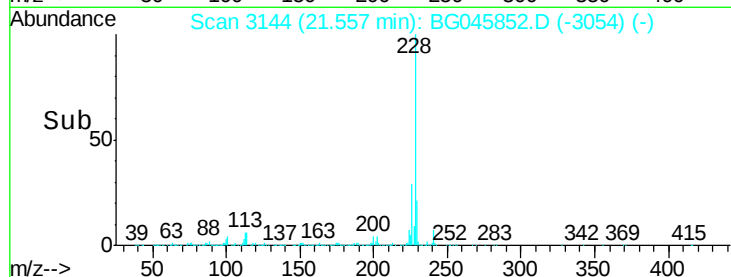
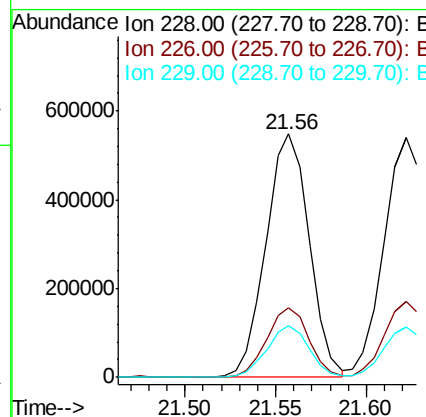
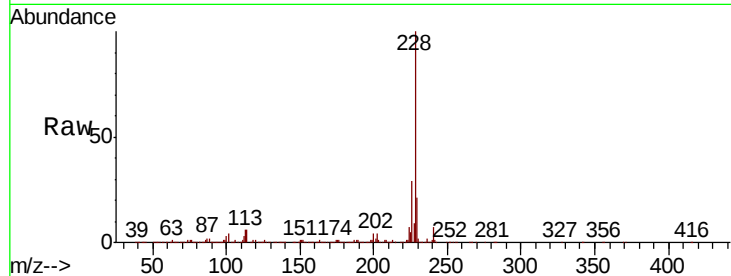
ClientSampleId :

RB47184-RTMSD

Tot Ion:	228	Resp:	910792
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.7	34.1
229	21.4	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.287 ng

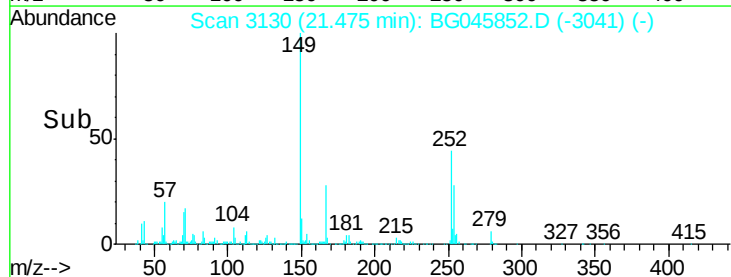
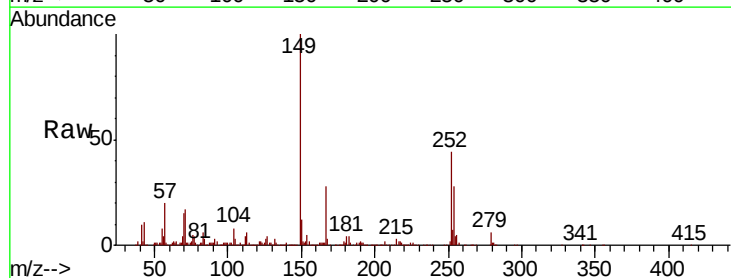
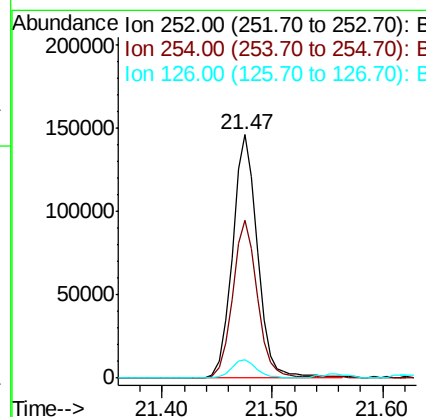
RT: 21.47 min Scan# 3130

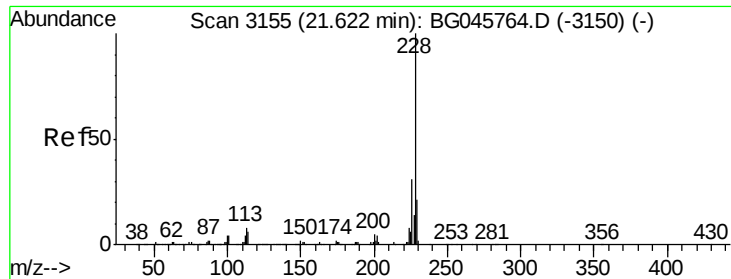
Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	252	Resp:	232621
Ion Ratio	Lower	Upper	
252	100		
254	64.6	53.4	80.0
126	7.3	5.8	8.8





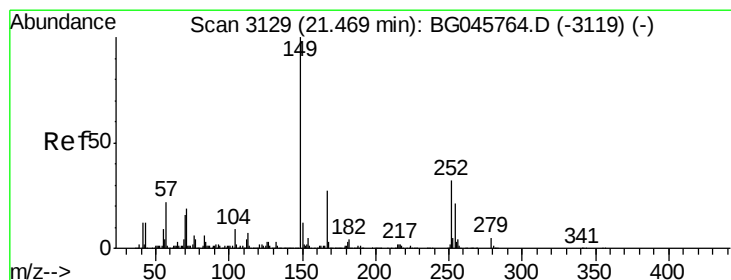
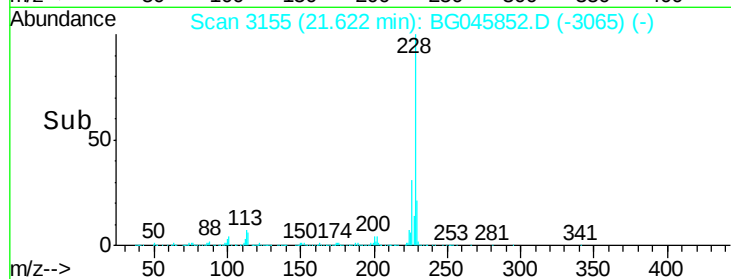
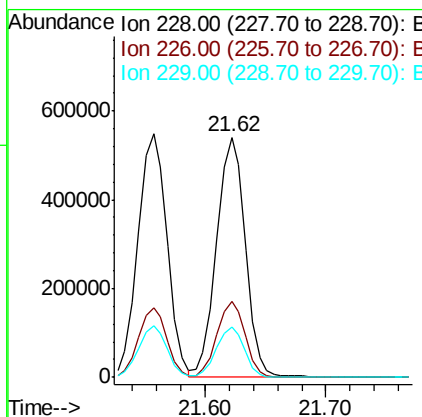
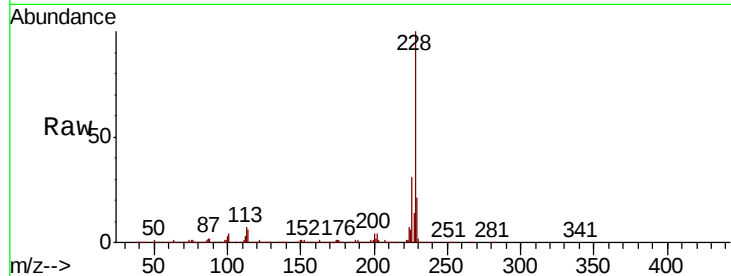
#83
 Chrysene
 Concen: 43.555 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	20.8	16.4	24.6

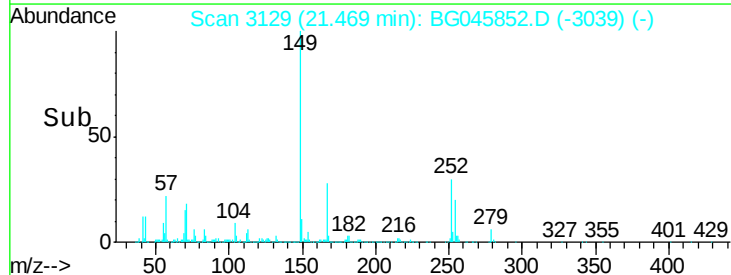
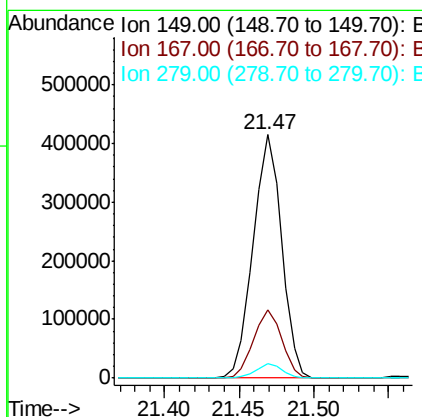
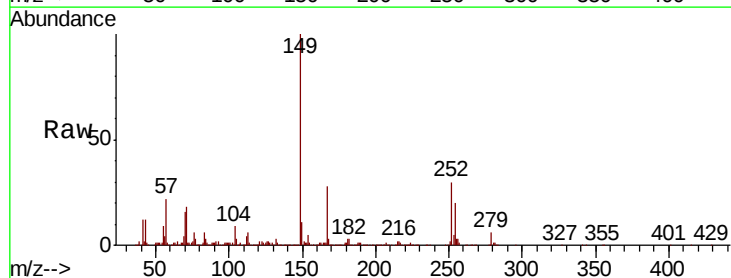
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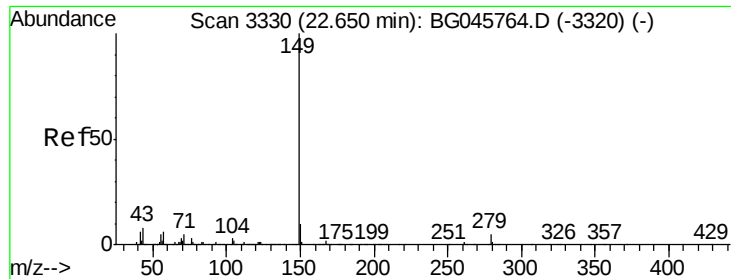
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.183 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	5.7	3.7	5.5#





#85

Di-n-octyl phthalate

Concen: 42.091 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

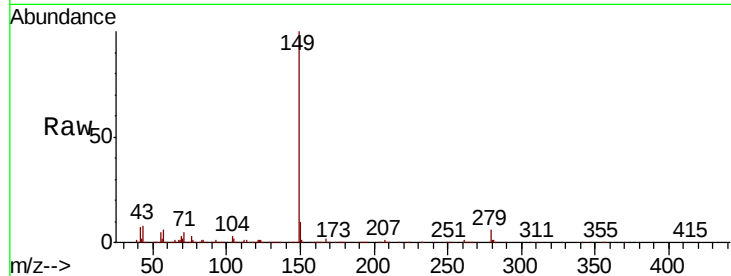
ClientSampleId :

RB47184-RTMSD

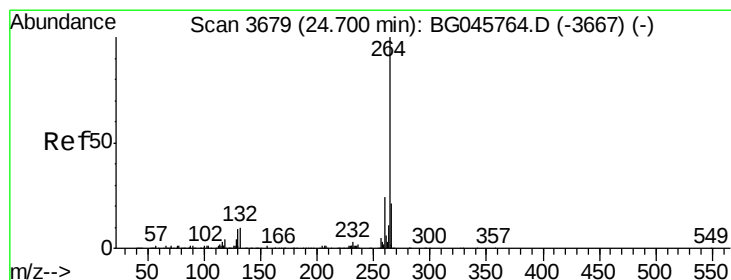
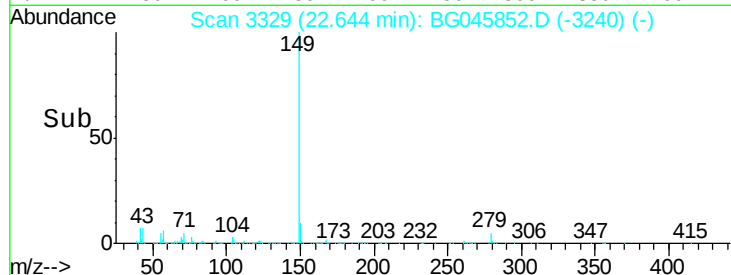
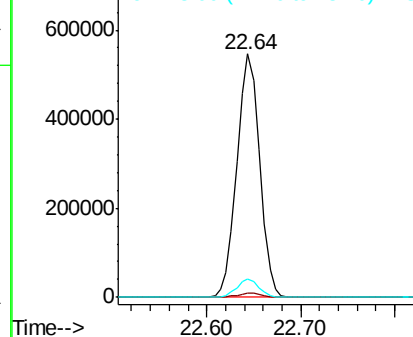
Tot Ion:	149	Resp:	916780
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.4	5.9	8.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

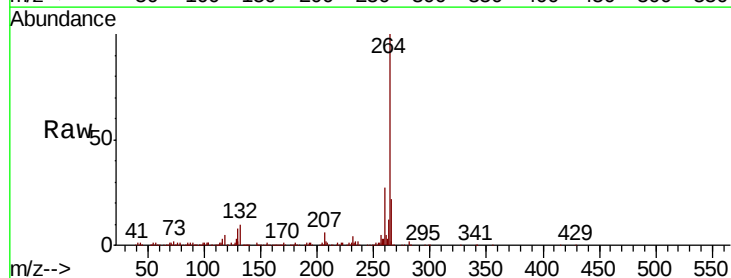
RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

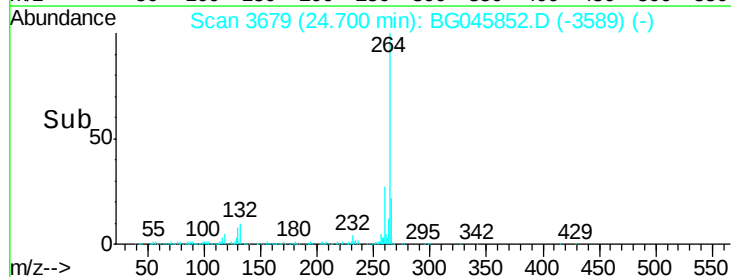
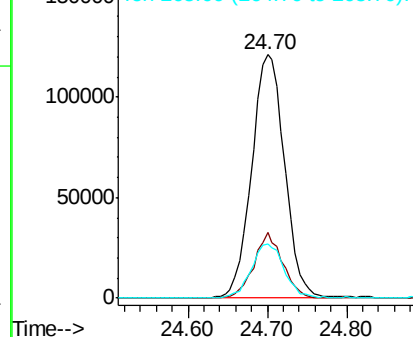
Lab File: BG045852.D

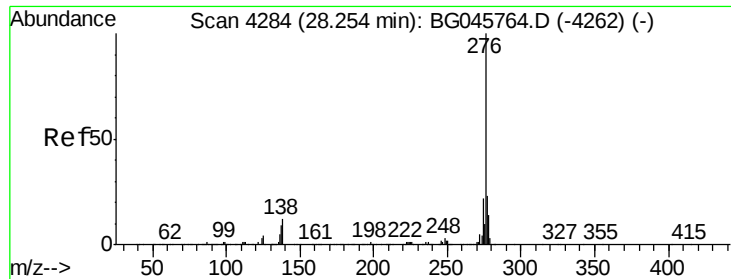
Acq: 24 Jun 2020 19:56

Tgt Ion:	264	Resp:	349716
Ion Ratio	Lower	Upper	
264	100		
260	26.9	19.0	28.4
265	22.4	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





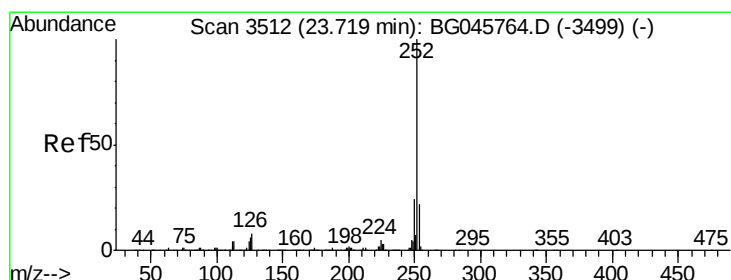
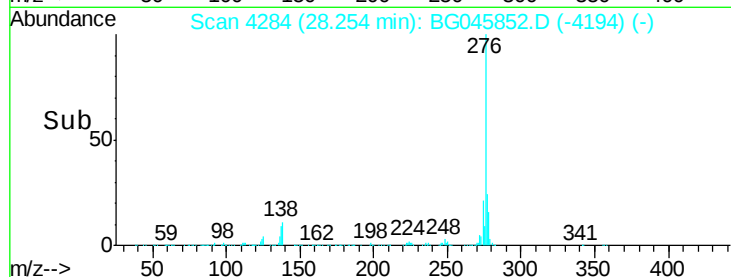
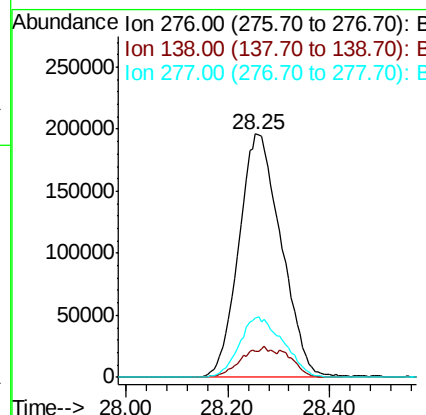
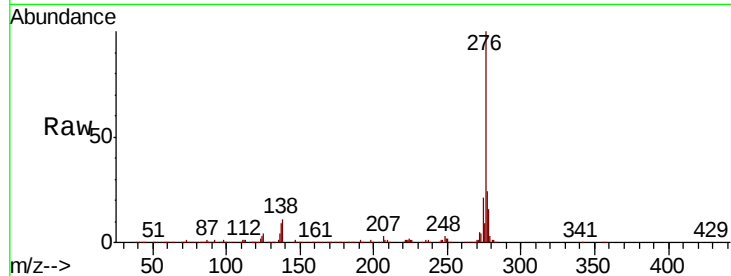
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.795 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.8	5.4	8.0#
277	25.7	20.6	30.8

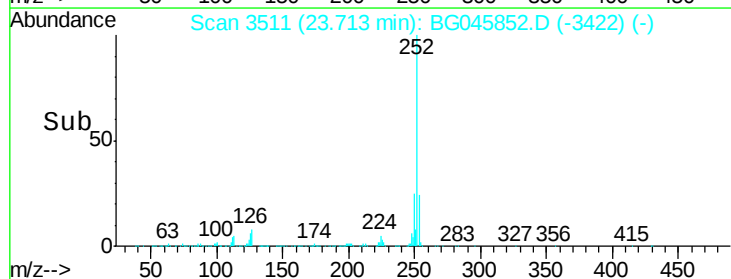
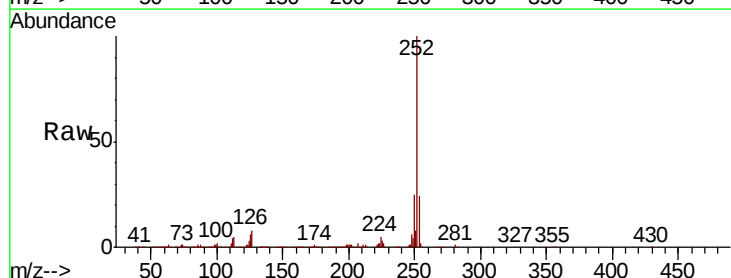
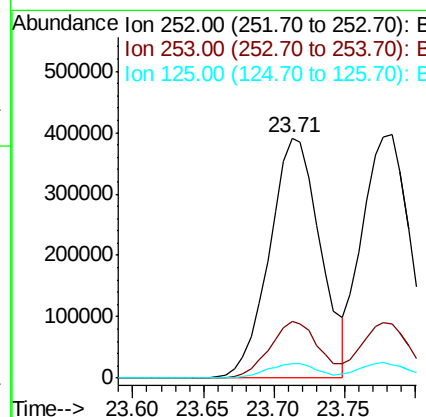
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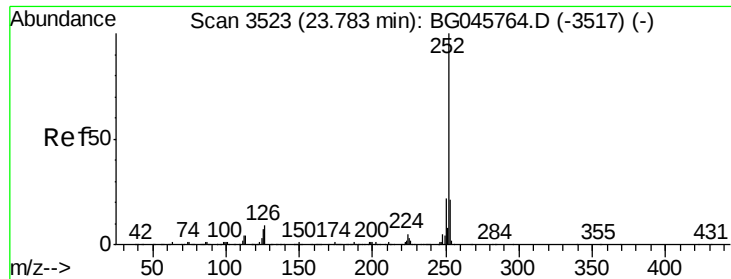
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 44.908 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BG045852.D
 Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	6.1	5.0	7.4





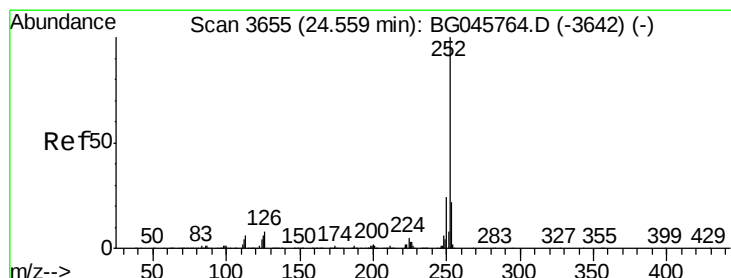
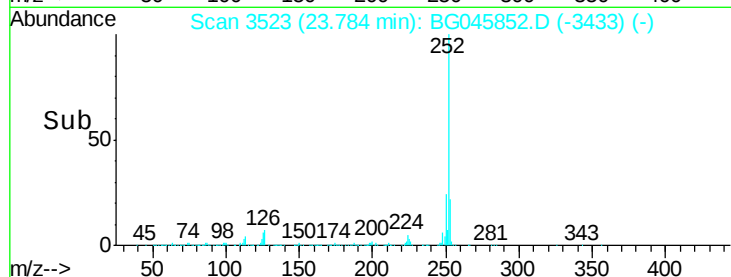
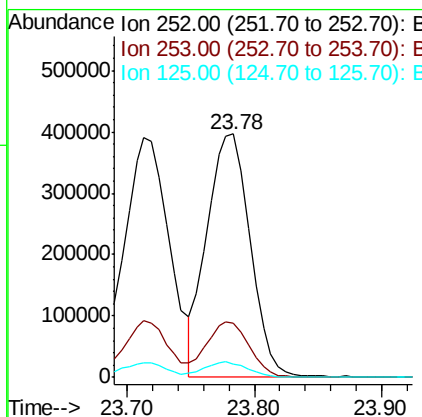
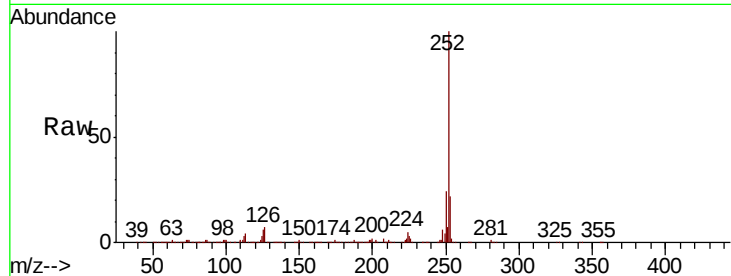
#89
Benzo(k)fluoranthene
Concen: 44.493 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	5.6	5.2	7.8

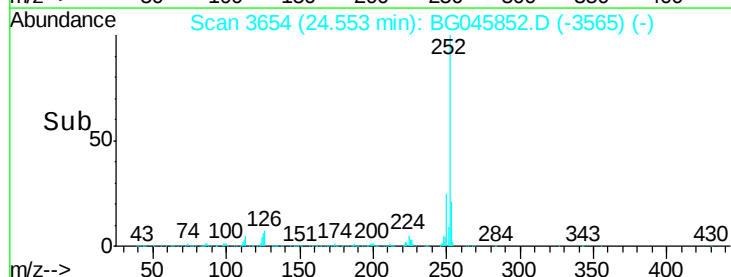
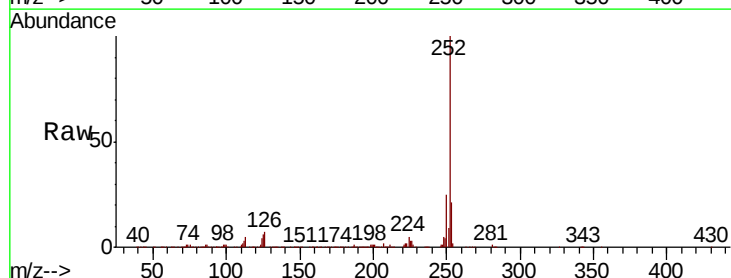
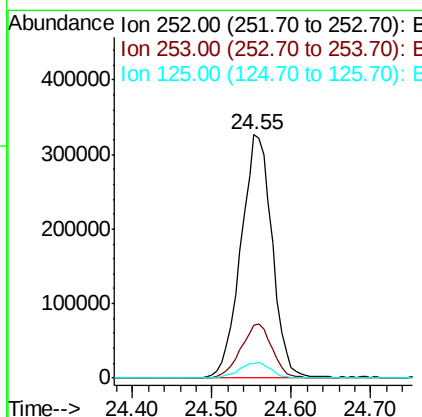
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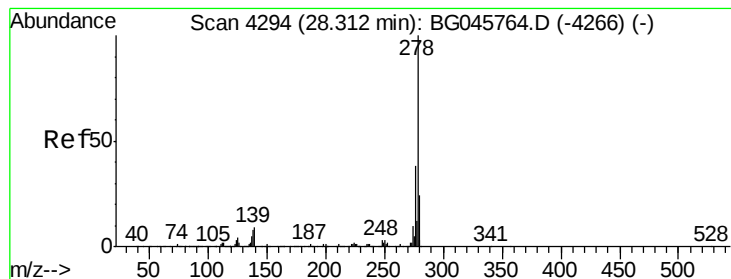
mohammad
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#90
Benzo(a)pyrene
Concen: 43.719 ng
RT: 24.55 min Scan# 3654
Delta R.T. -0.01 min
Lab File: BG045852.D
Acq: 24 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	6.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.740 ng

RT: 28.31 min Scan# 4294

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Instrument :

BNA_G

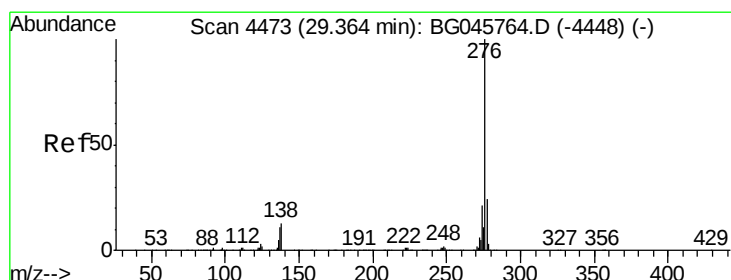
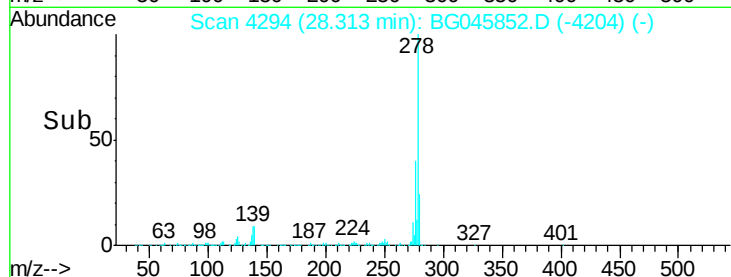
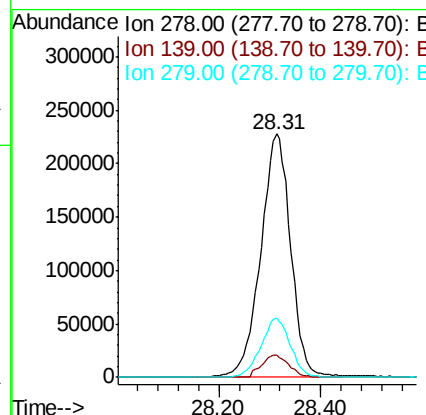
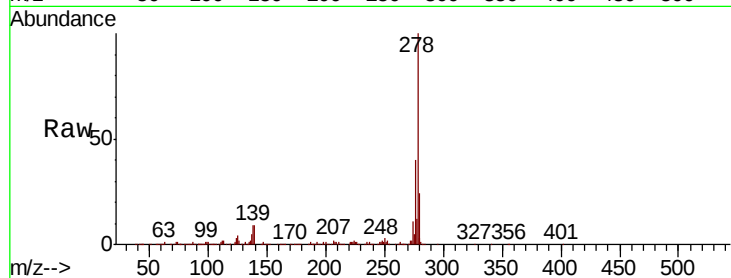
ClientSampleId :

RB47184-RTMSD

Tot Ion:	278	Resp:	929930
Ion Ratio	Lower	Upper	
278	100		
139	8.9	7.3	10.9
279	24.2	19.5	29.3

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 45.831 ng

RT: 29.36 min Scan# 4473

Delta R.T. 0.00 min

Lab File: BG045852.D

Acq: 24 Jun 2020 19:56

Tgt Ion:	276	Resp:	932629
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	11.5	10.6	15.8

