

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044152.D
 Acq On : 22 Jan 2020 10:08
 Operator : JU
 Sample : PB126234BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

Manual Integrations
 APPROVED

mohammad
 1/23/2020 7:58:33 AM

Quant Time: Jan 22 11:25:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	87835	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	366745	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	231826	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	482247	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	411856	20.00	ng	-0.03
87) Perylene-d12	24.66	264	465969	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	694248	145.13	ng	-0.03
7) Phenol-d6	7.10	99	918445	137.35	ng	-0.02
23) Nitrobenzene-d5	9.08	82	481955	70.30	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	327275	134.90	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1062814	83.06	ng	-0.03
79) Terphenyl-d14	19.92	244	1462828	85.87	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	82373	39.492 ng	97
3) Pyridine	3.78	79	210799	34.211 ng	95
4) n-Nitrosodimethylamine	3.70	42	105836	38.579 ng	98
6) Aniline	7.25	93	269786	30.717 ng	98
8) 2-Chlorophenol	7.50	128	257326	45.820 ng	98
9) Benzaldehyde	7.06	77	131229	30.663 ng	98
10) Phenol	7.13	94	317988	46.155 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	240587	40.455 ng	98
12) 1,3-Dichlorobenzene	7.82	146	262817	39.991 ng	99
13) 1,4-Dichlorobenzene	7.97	146	267419	41.241 ng	98
14) 1,2-Dichlorobenzene	8.28	146	253930	40.799 ng	99
15) Benzyl Alcohol	8.16	79	216026	40.934 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	327190	35.561 ng	99
17) 2-Methylphenol	8.38	107	221702	44.468 ng	97
18) Hexachloroethane	9.02	117	99993	39.630 ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	189961	38.147 ng	98
20) 3+4-Methylphenols	8.71	107	306976	44.137 ng	98
22) Acetophenone	8.75	105	354721	38.905 ng	99
24) Nitrobenzene	9.13	77	272068	40.069 ng	96
25) Isophorone	9.65	82	514272	39.985 ng	98
26) 2-Nitrophenol	9.84	139	144254	44.905 ng	99
27) 2,4-Dimethylphenol	9.90	122	249084	51.510 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	330580	38.553 ng	99
29) 2,4-Dichlorophenol	10.38	162	252501	43.775 ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	257109	39.754 ng	97
31) Naphthalene	10.78	128	763043	42.995 ng	99
32) Benzoic acid	10.06	122	110650	30.695 ng	95
33) 4-Chloroaniline	10.89	127	184033	21.741 ng	98
34) Hexachlorobutadiene	11.08	225	149971	37.979 ng	97
35) Caprolactam	11.65	113	88314m	41.128 ng	
36) 4-Chloro-3-methylphenol	12.02	107	264457	43.068 ng	97
37) 2-Methylnaphthalene	12.39	142	568228	42.528 ng	96
38) 1-Methylnaphthalene	12.61	142	541591	42.768 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	270051	39.744 ng	99

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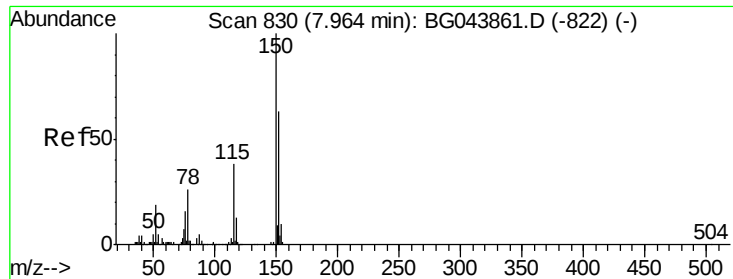
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	357541	101.496	nq	97
43) 2,4,6-Trichlorophenol	13.00	196	196218	41.968	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	209027	43.348	nq	97
46) 1,1'-Biphenyl	13.40	154	708342	42.616	nq	98
47) 2-Chloronaphthalene	13.44	162	556986	41.469	nq	97
48) 2-Nitroaniline	13.64	65	165695	38.351	nq	94
49) Acenaphthylene	14.29	152	877152	45.437	nq	97
50) Dimethylphthalate	14.02	163	683031	41.495	nq	98
51) 2,6-Dinitrotoluene	14.13	165	155532	41.804	nq	96
52) Acenaphthene	14.63	154	540819	39.948	nq	98
53) 3-Nitroaniline	14.46	138	120233	28.458	nq	100
54) 2,4-Dinitrophenol	14.67	184	149183	78.796	nq	97
55) Dibenzofuran	14.96	168	822995	44.160	nq	98
56) 4-Nitrophenol	14.79	139	280490	86.636	nq	95
57) 2,4-Dinitrotoluene	14.92	165	216146	42.696	nq	99
58) Fluorene	15.62	166	646645	43.776	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	180006	43.412	nq	97
60) Diethylphthalate	15.39	149	689460	41.877	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	331064	41.275	nq	98
62) 4-Nitroaniline	15.63	138	157664	37.789	nq	97
63) Azobenzene	15.90	77	654755	42.883	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	121787	48.923	nq	97
66) n-Nitrosodiphenylamine	15.82	169	597706	42.087	nq	98
67) 4-Bromophenyl-phenylether	16.50	248	214105	39.475	nq	96
68) Hexachlorobenzene	16.63	284	232110	39.716	nq	96
69) Atrazine	16.77	200	217602	47.138	nq	97
70) Pentachlorophenol	16.97	266	244776	75.978	nq	98
71) Phenanthrene	17.35	178	1012981	43.793	nq	97
72) Anthracene	17.44	178	1047261	45.812	nq	96
73) Carbazole	17.71	167	927249	43.912	nq	96
74) Di-n-butylphthalate	18.28	149	1151973	42.728	nq	98
75) Fluoranthene	19.36	202	1153726	43.613	nq	96
77) Benzidine	19.54	184	492048	47.530	nq	100
78) Pyrene	19.72	202	1157114	43.042	nq	96
80) Butylbenzylphthalate	20.62	149	528924	41.325	nq	95
81) Benzo(a)anthracene	21.54	228	1112455	43.561	nq	96
82) 3,3'-Dichlorobenzidine	21.46	252	312640	30.987	nq	99
83) Chrysene	21.60	228	1048463	43.207	nq	94
84) Bis(2-ethylhexyl)phthalate	21.46	149	750863	42.517	nq	96
85) Di-n-octyl phthalate	22.64	149	1308712	44.080	nq	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1350822	40.962	nq	99
88) Benzo(b)fluoranthene	23.68	252	1168938	42.434	nq	98
89) Benzo(k)fluoranthene	23.75	252	1121273	42.804	nq	97
90) Benzo(a)pyrene	24.52	252	1076174	41.392	nq	96
91) Dibenzo(a,h)anthracene	28.24	278	1107659	42.421	nq	97
92) Benzo(g,h,i)perylene	29.29	276	1132966	43.682	nq	96

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



#1

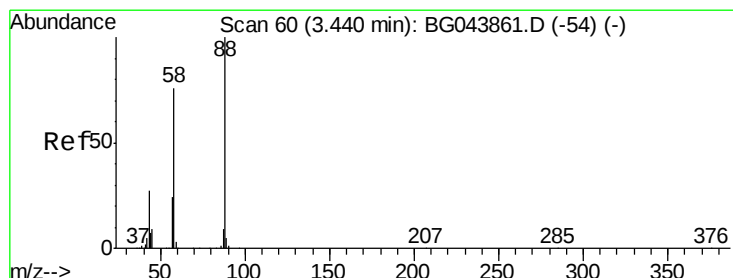
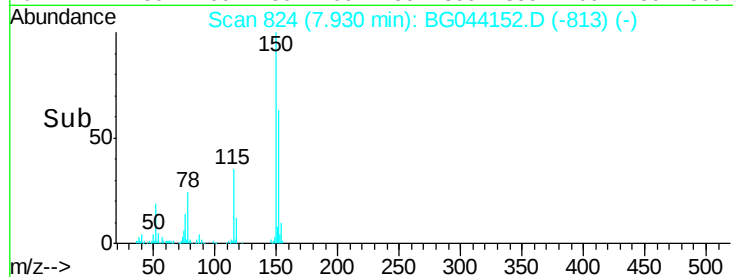
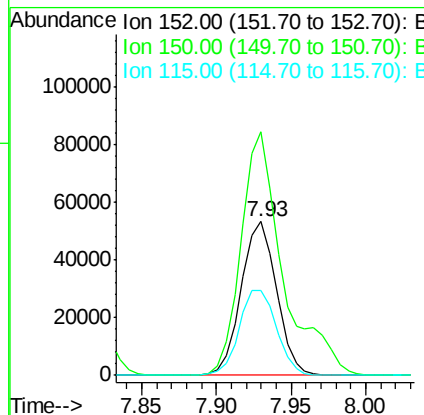
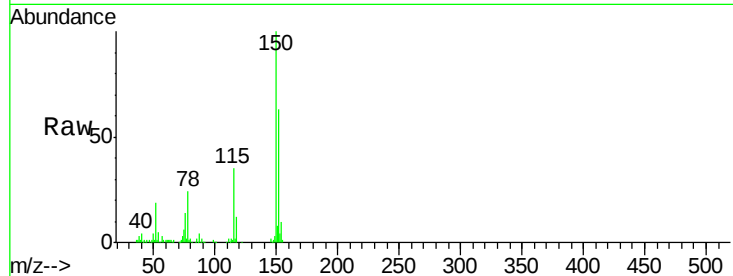
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.0	190.4
115	54.9	47.8	71.8

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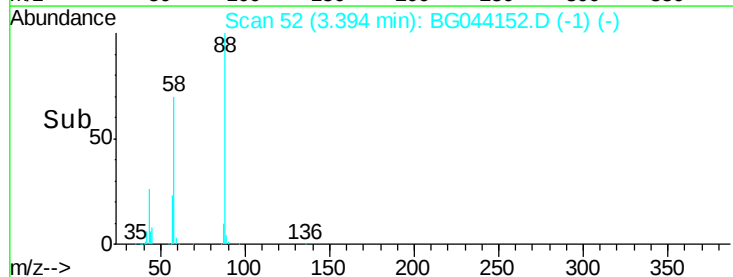
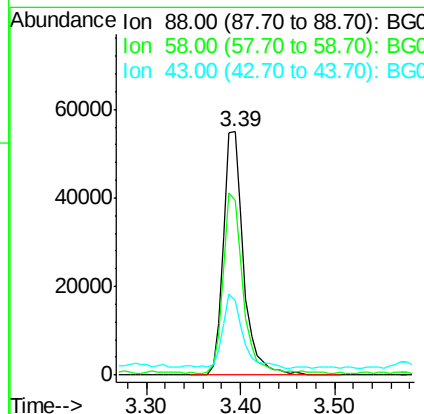
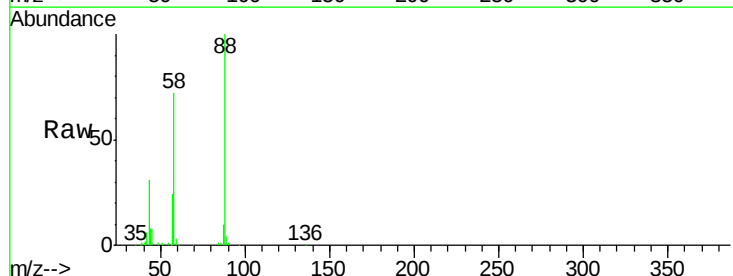
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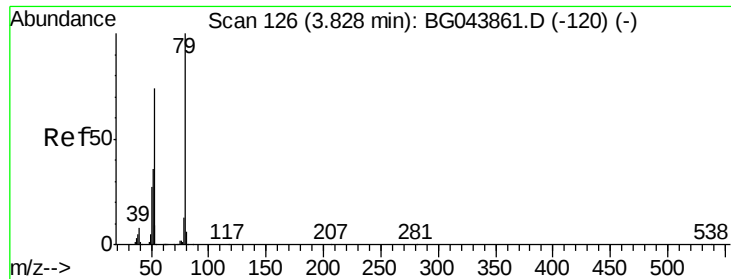


#2

1,4-Dioxane
Concen: 39.492 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	59.8	89.8
43	29.4	22.9	34.3





#3

Pvridine

Concen: 34.211 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

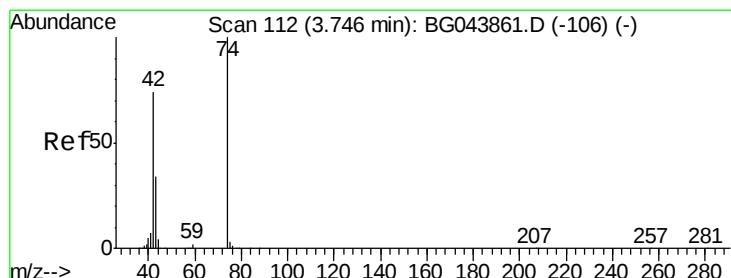
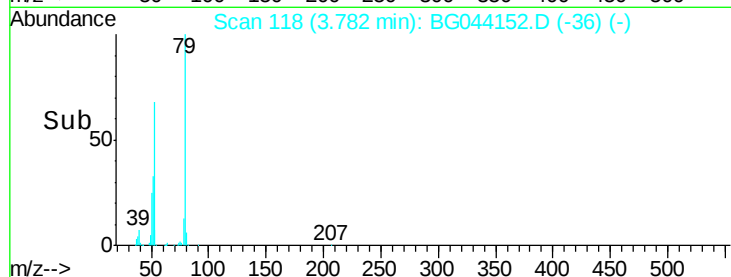
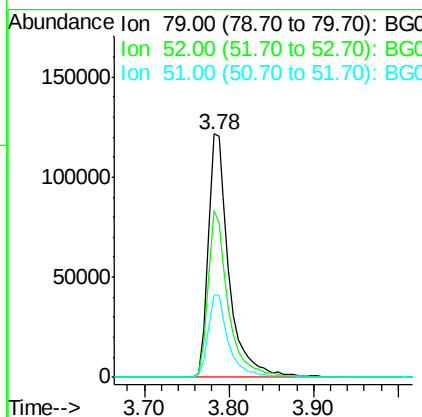
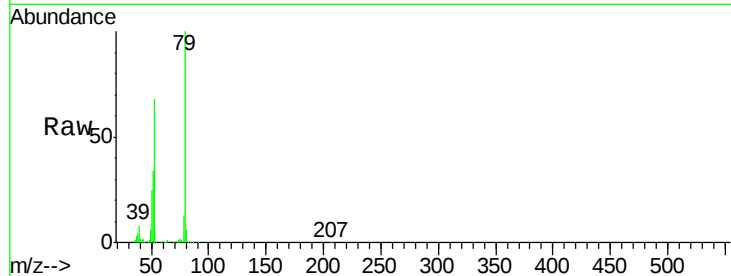
ClientSampleId :

PB126234BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	68.4	58.9	88.3	
51	33.7	28.6	43.0	

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#4

n-Nitrosodimethylamine

Concen: 38.579 ng

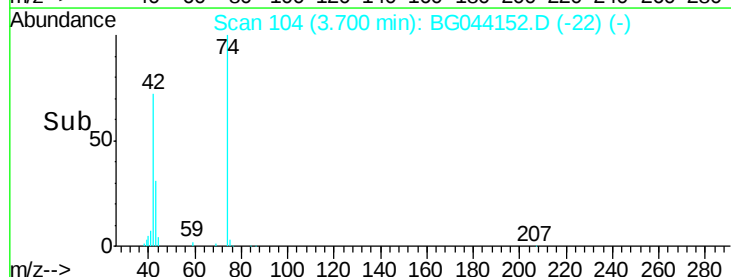
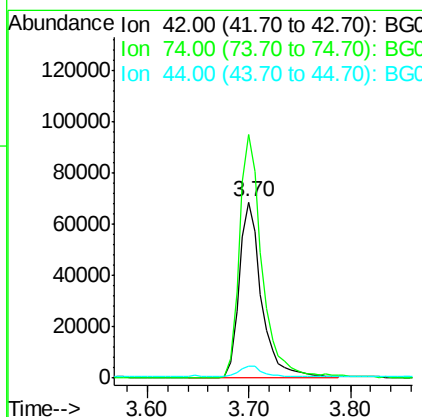
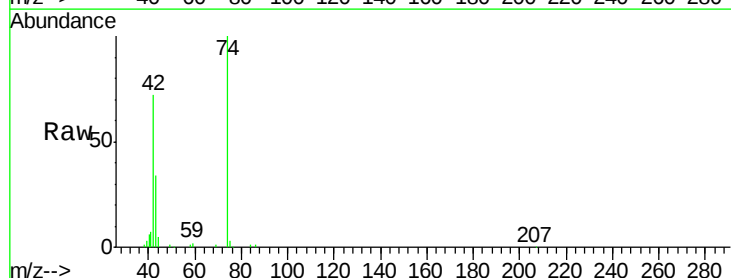
RT: 3.70 min Scan# 104

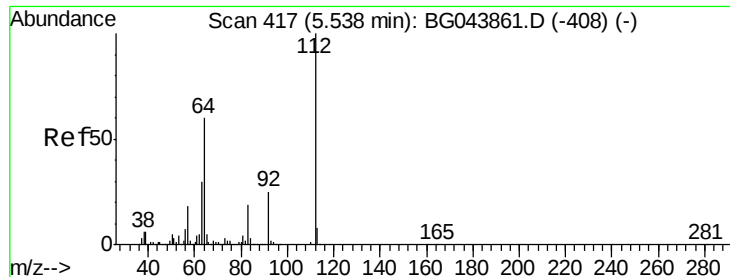
Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	138.5	108.6	162.8	
44	7.0	5.0	7.6	





#5

2-Fluorophenol

Concen: 145.127 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

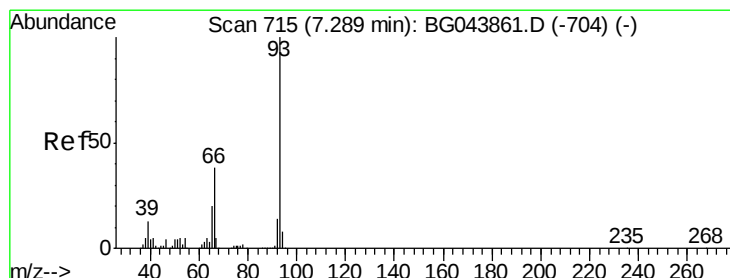
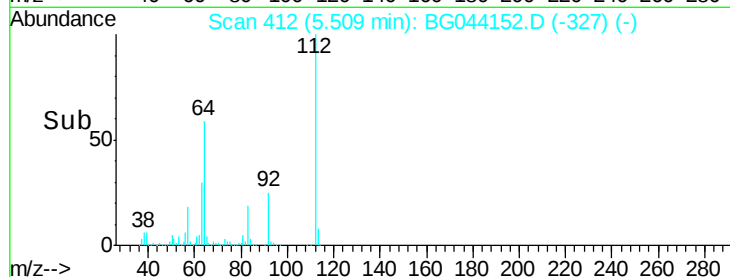
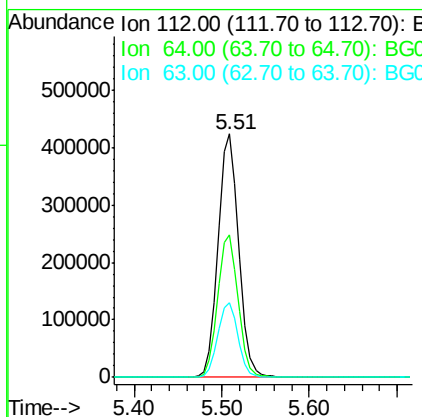
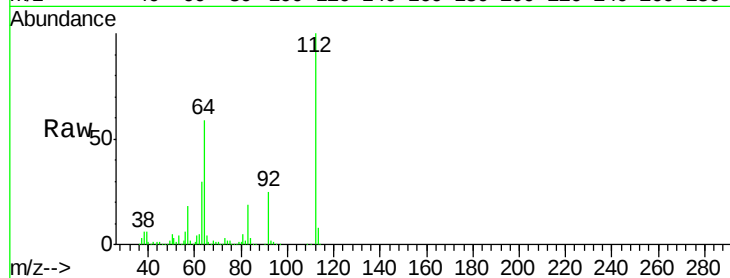
ClientSampleId :

PB126234BS

Tot Ion:	112	Resp:	694248
Ion Ratio	Lower	Upper	
112	100		
64	58.7	47.8	71.6
63	30.4	24.3	36.5

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#6

Aniline

Concen: 30.717 ng

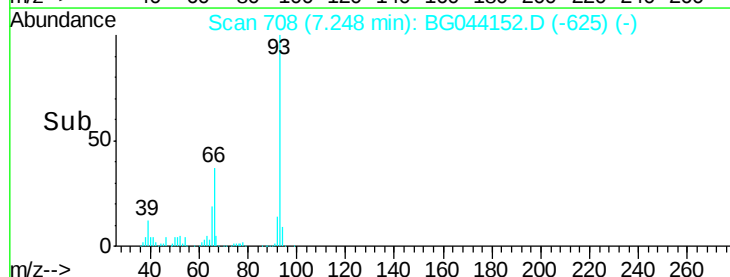
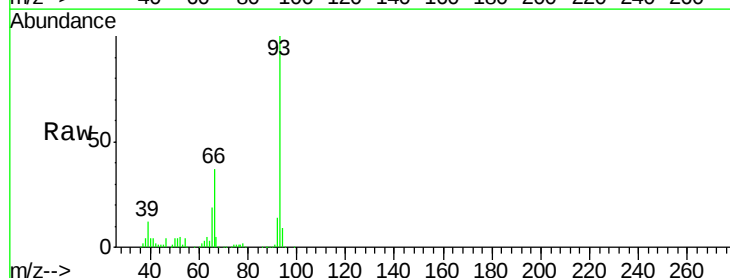
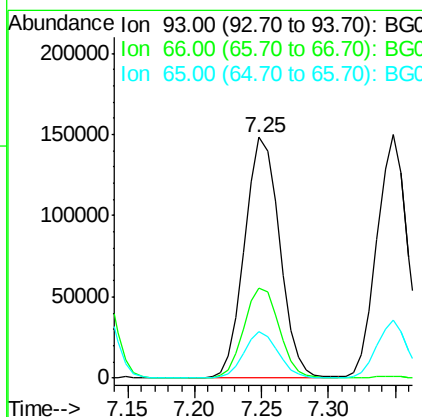
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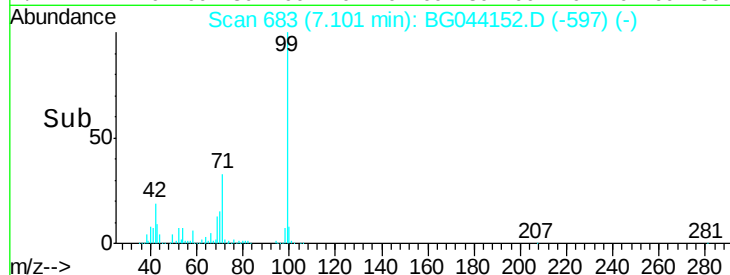
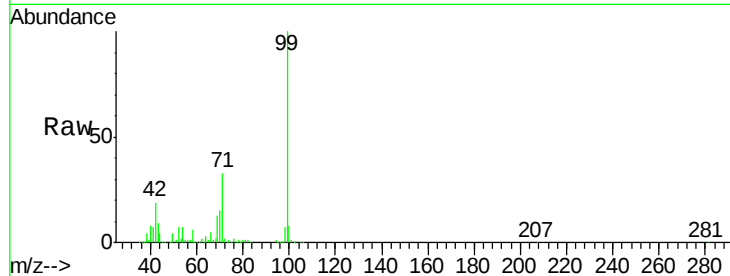
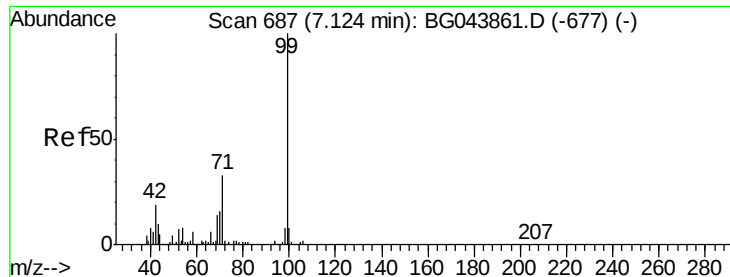
Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	93	Resp:	269786
Ion Ratio	Lower	Upper	
93	100		
66	37.5	30.8	46.2
65	19.1	16.0	24.0





#7

Phenol-d6

Concen: 137.352 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		918445		
42	18.7	14.9	22.3		
71	32.5	26.4	39.6		

Instrument :

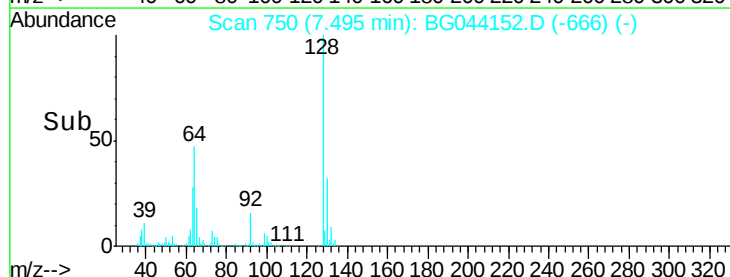
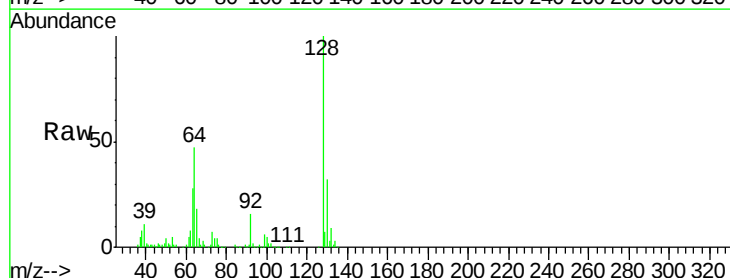
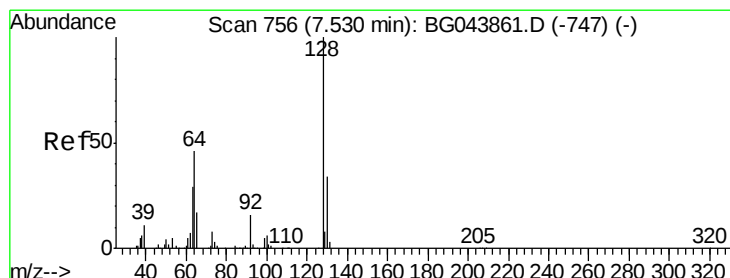
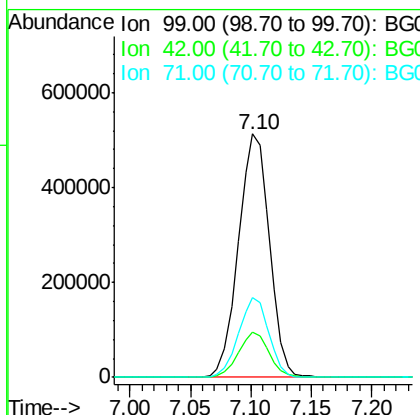
BNA_G

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#8

2-Chlorophenol

Concen: 45.820 ng

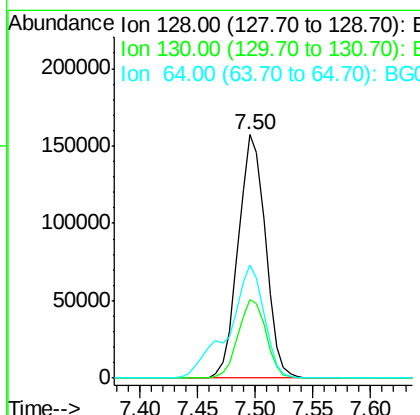
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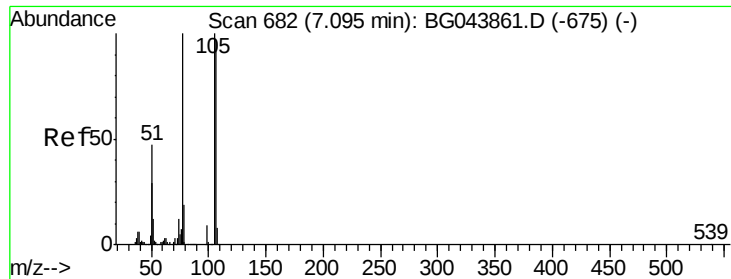
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257326		
130	32.1	13.8	53.8		
64	46.7	27.6	67.6		





#9

Benzaldehyde

Concen: 30.663 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

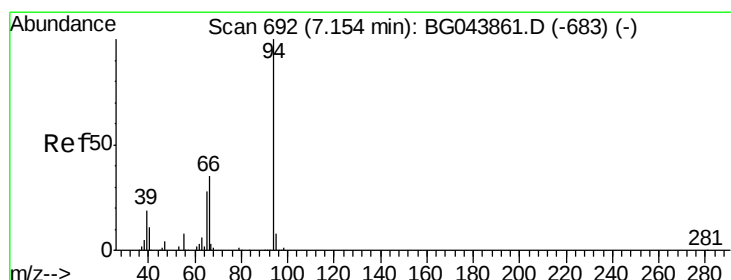
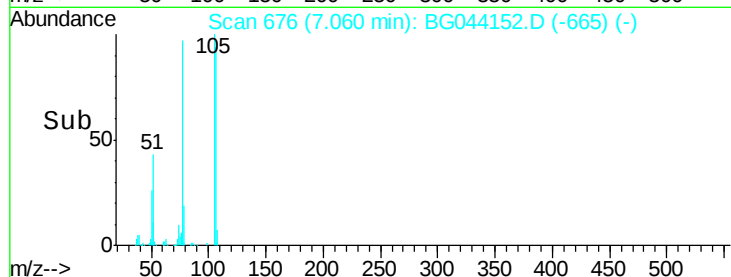
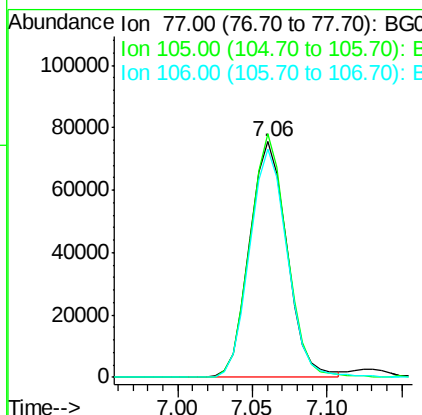
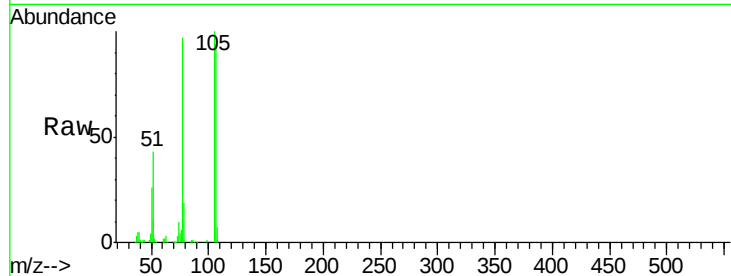
ClientSampleID :

PB126234BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.2	120.2
106	96.8	77.2	117.2

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#10

Phenol

Concen: 46.155 ng

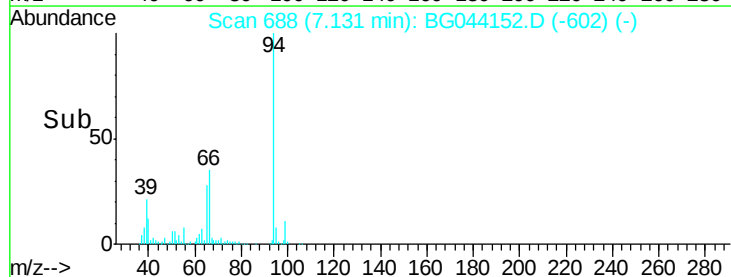
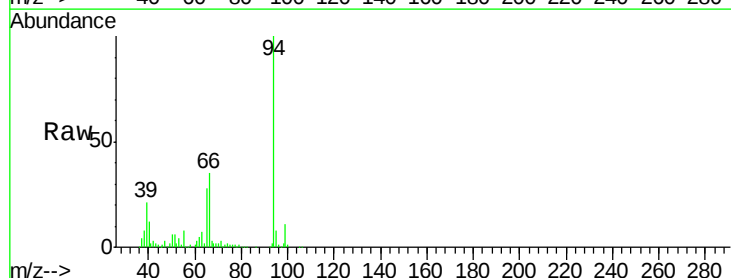
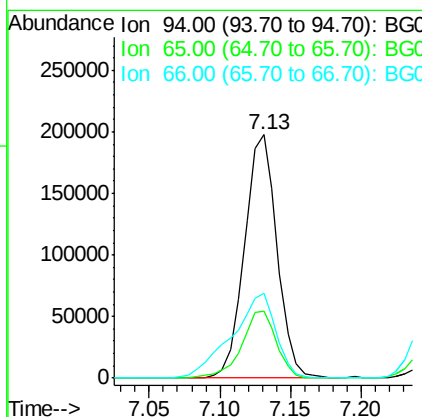
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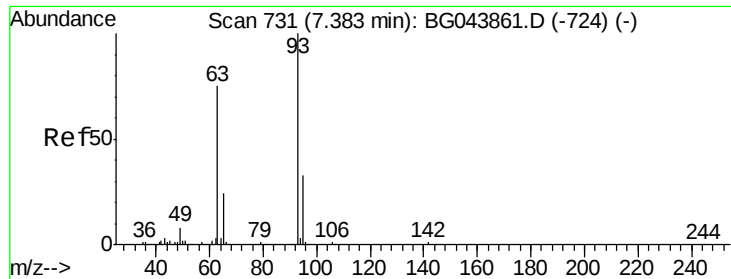
Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	34.9	15.6	55.6





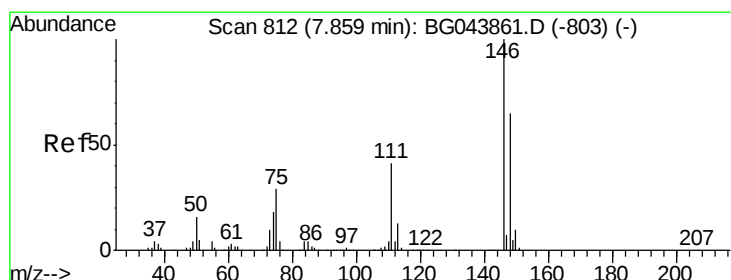
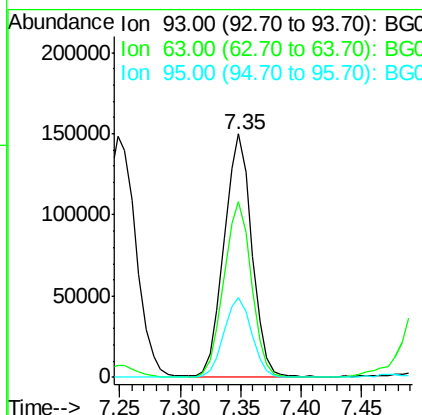
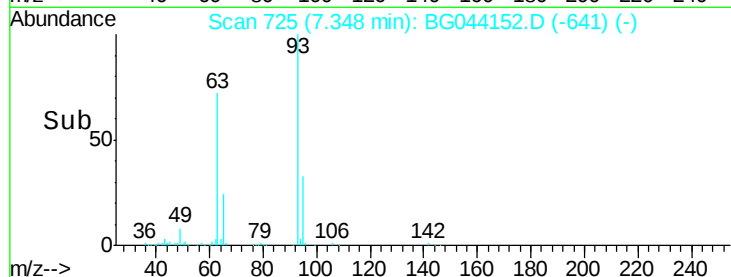
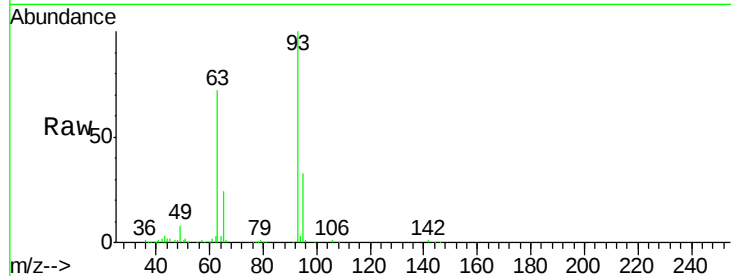
#11
bis(2-Chloroethyl)ether
Concen: 40.455 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion:	93	Resp:	240587
Ion Ratio	Lower	Upper	
93	100		
63	72.3	55.0	95.0
95	33.0	13.3	53.3

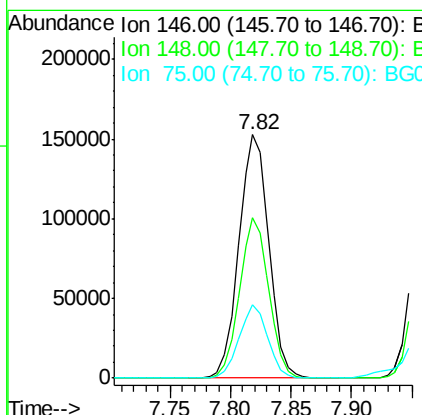
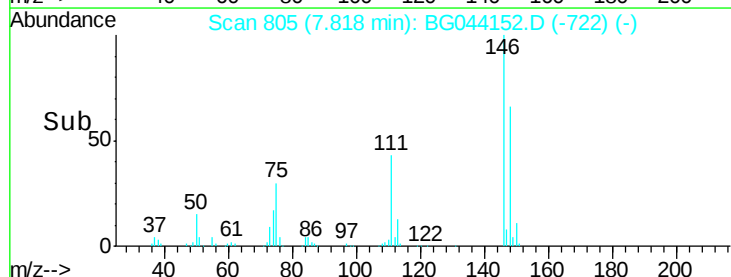
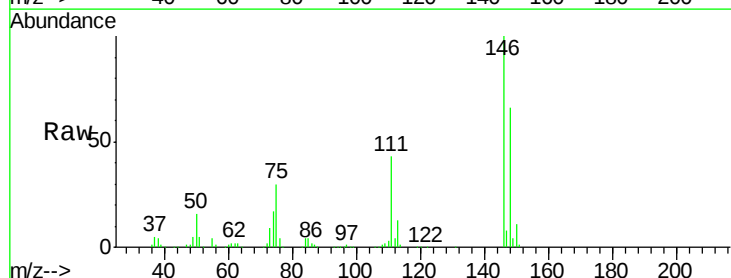
Manual Integrations
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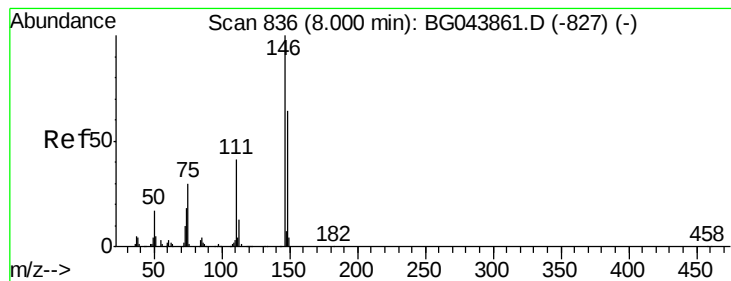
mohammad
1/23/2020 7:58:33 AM



#12
1,3-Dichlorobenzene
Concen: 39.991 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:	146	Resp:	262817
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.1	78.1
75	30.2	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 41.241 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

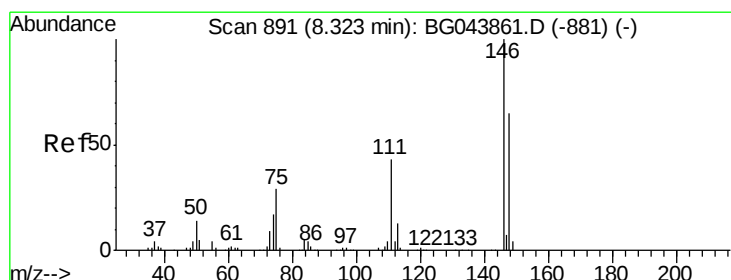
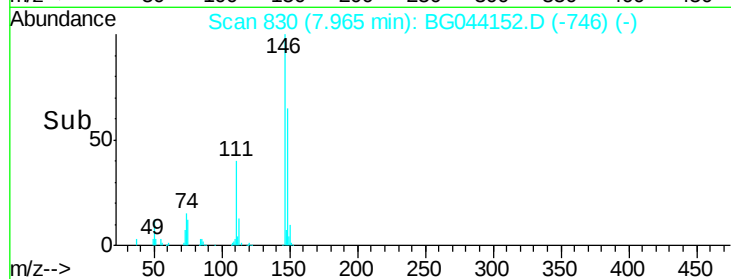
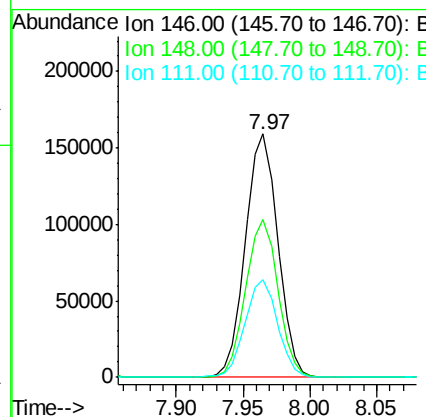
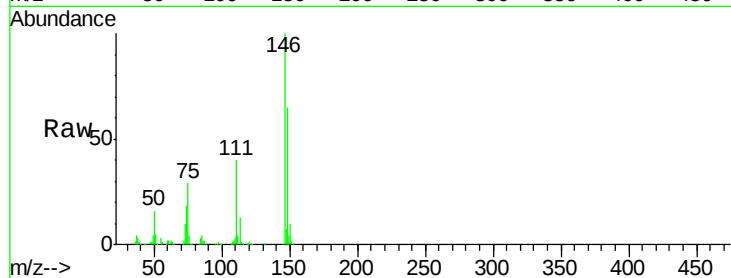
ClientSampleId :

PB126234BS

Tot Ion:	146	Resp:	267419
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.2	76.8
111	39.9	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 40.799 ng

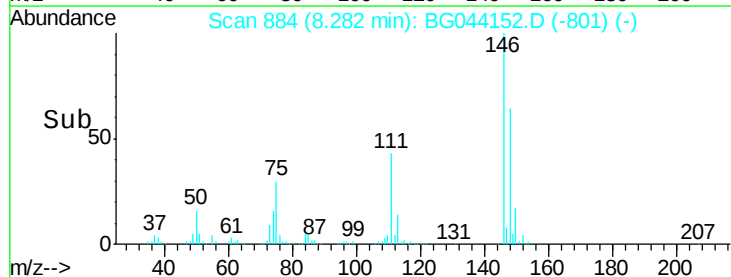
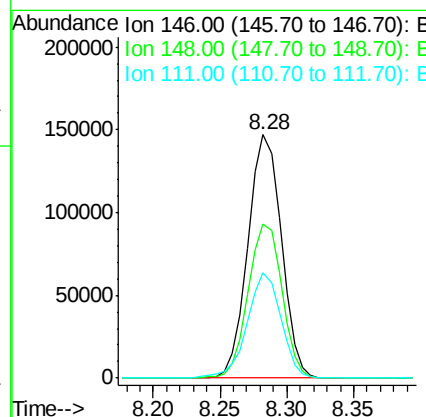
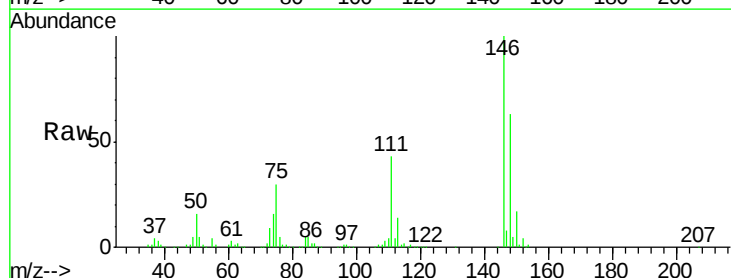
RT: 8.28 min Scan# 884

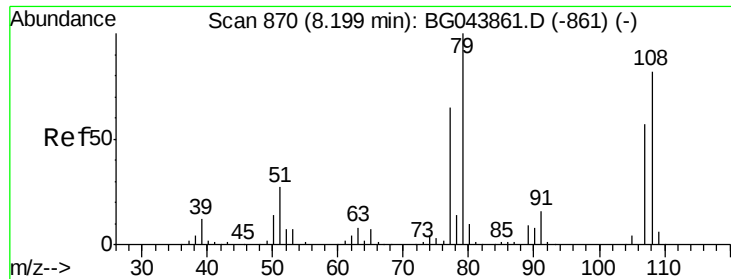
Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	146	Resp:	253930
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.7	77.5
111	43.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.934 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

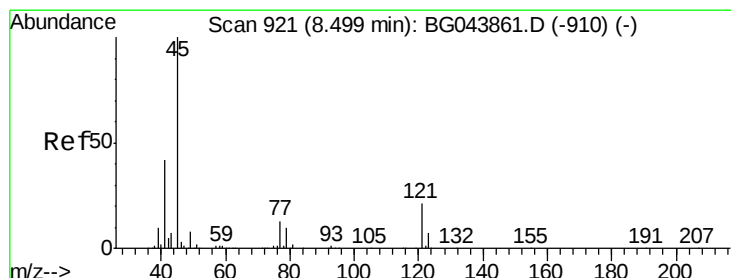
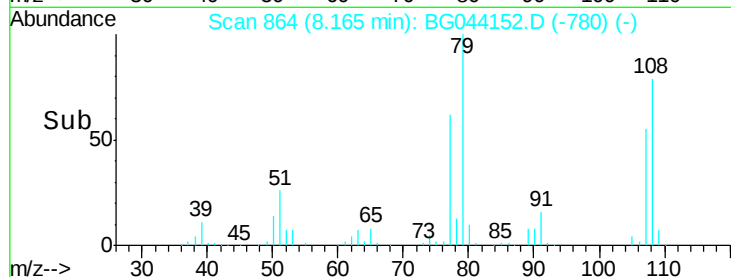
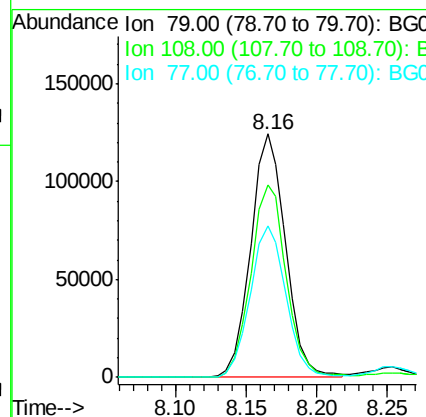
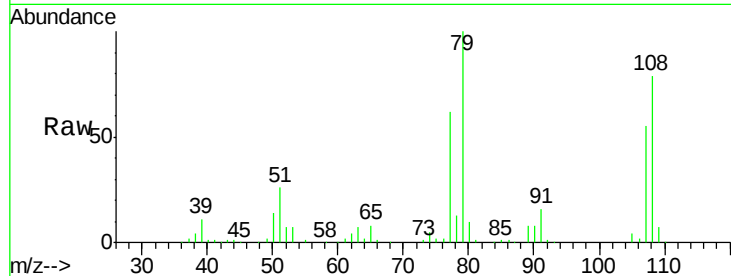
ClientSampleId :

PB126234BS

Tot Ion:	79	Resp:	216026
Ion Ratio	Lower	Upper	
79	100		
108	79.1	65.6	98.4
77	62.2	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.561 ng

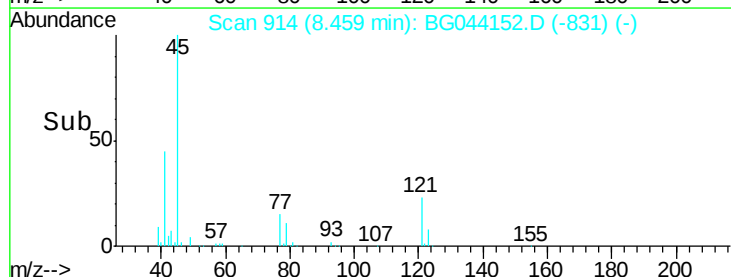
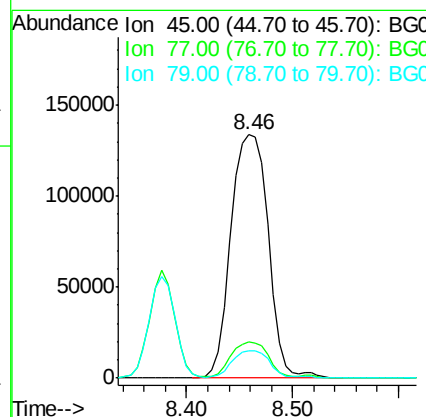
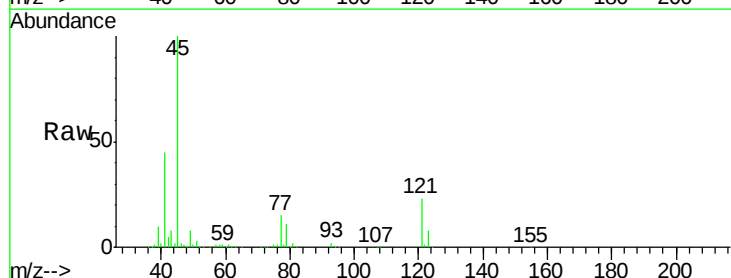
RT: 8.46 min Scan# 914

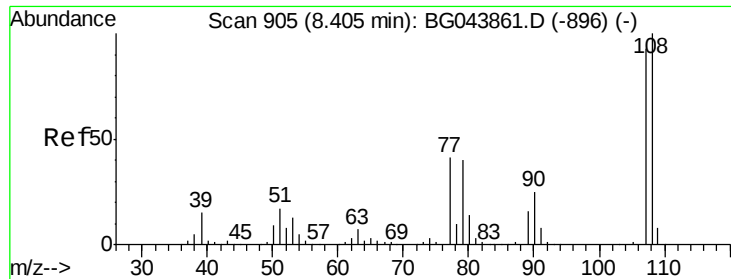
Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	45	Resp:	327190
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	11.0	0.0	31.0





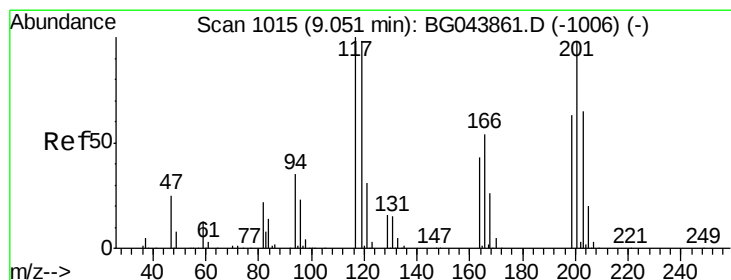
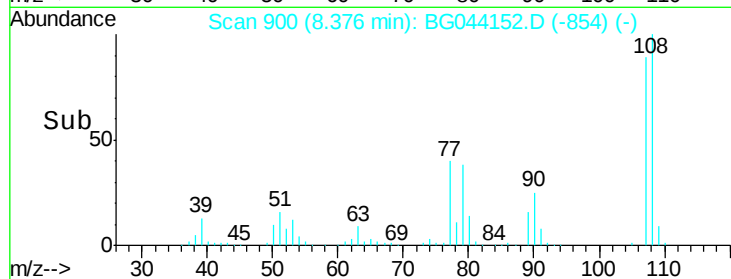
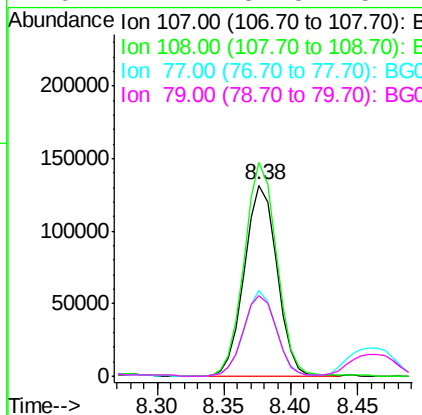
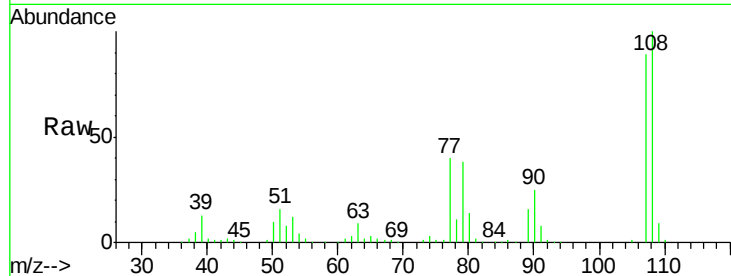
#17
2-Methylphenol
Concen: 44.468 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	86.1	129.1
77	44.9	35.4	53.0
79	42.4	34.8	52.2

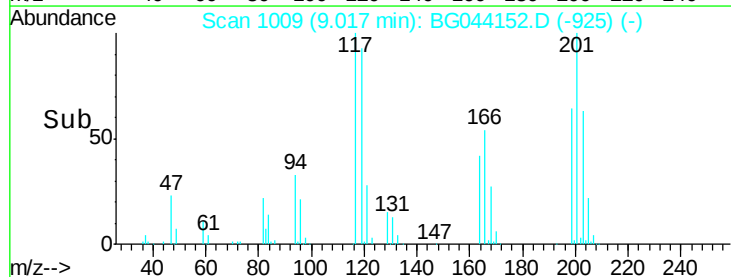
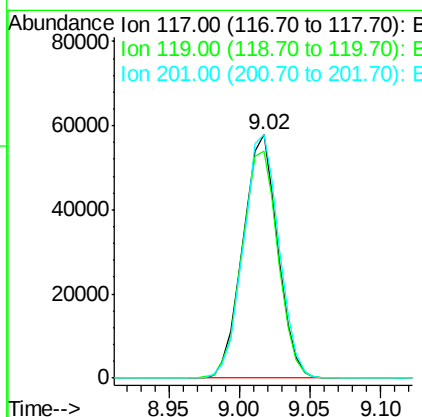
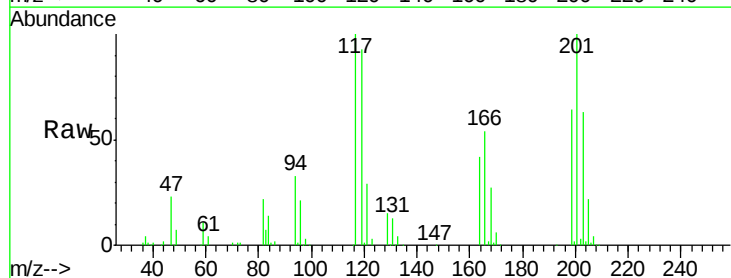
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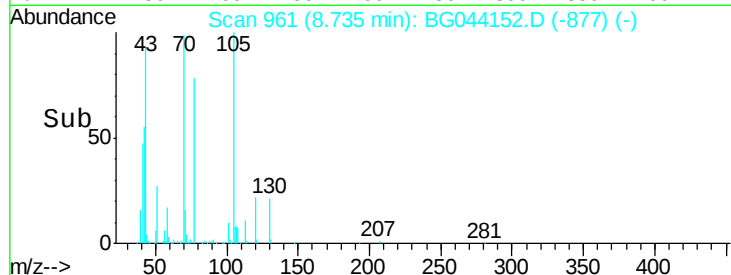
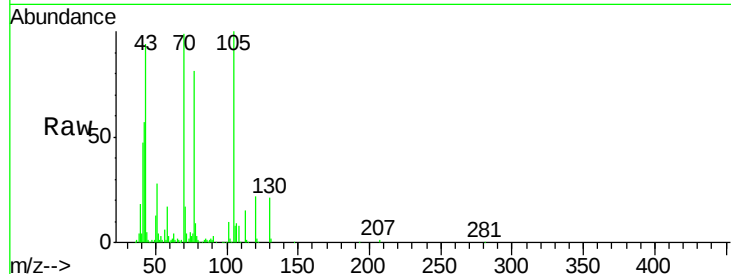
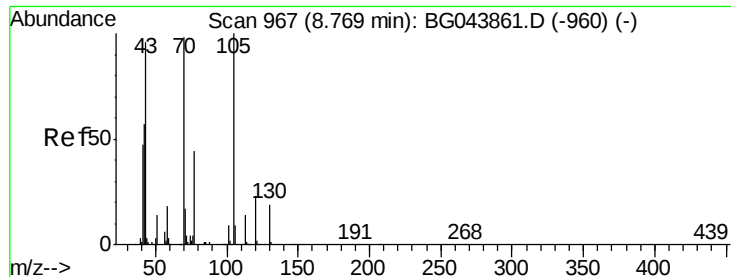
mohammad
1/23/2020 7:58:33 AM



#18
Hexachloroethane
Concen: 39.630 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.1	117.1
201	100.2	78.6	117.8





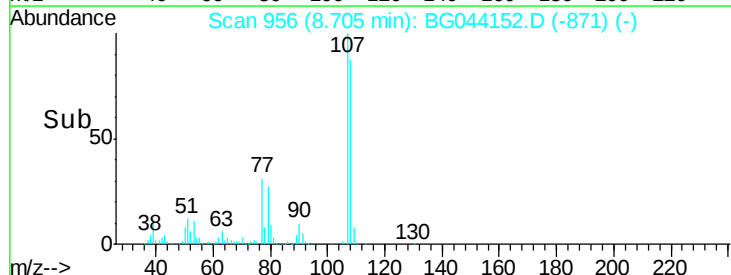
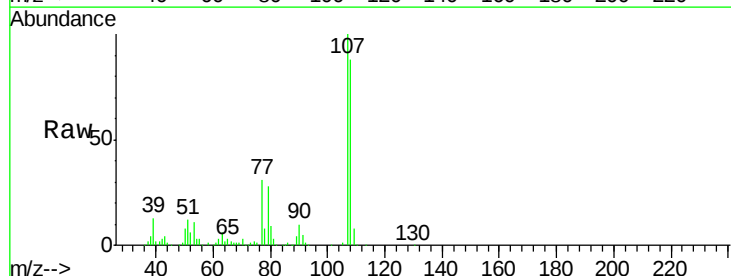
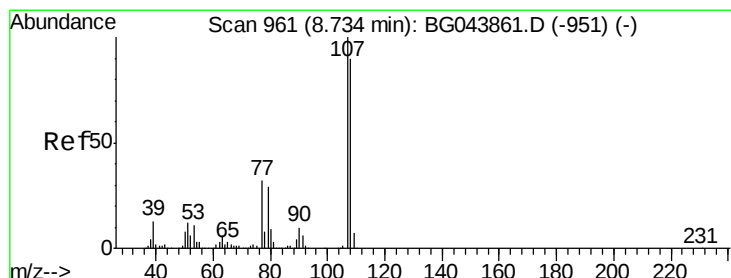
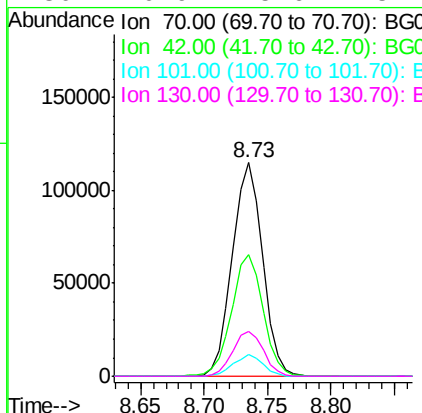
#19
n-Nitroso-di-n-propylamine
Concen: 38.147 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.0	70.4
101	10.2	7.2	10.8
130	20.9	15.6	23.4

Instrument :
BNA_G
ClientSampleId :
PB126234BS

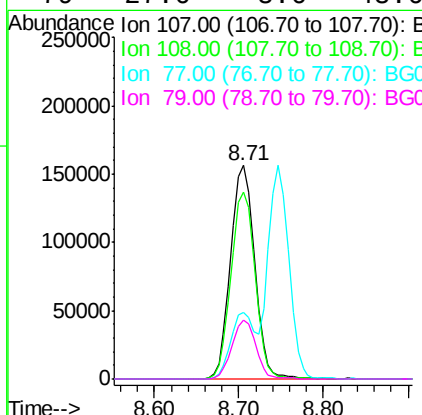
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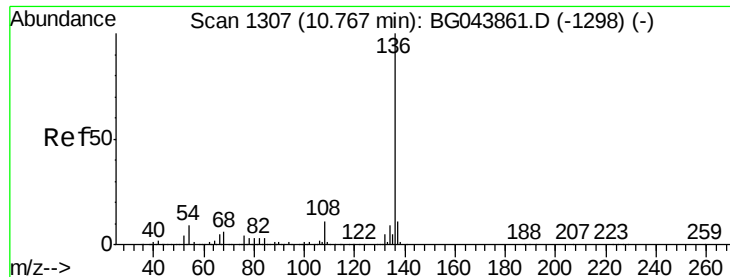
mohammad
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#20
3+4-Methylphenols
Concen: 44.137 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.3	110.3
77	31.4	12.4	52.4
79	27.6	8.6	48.6





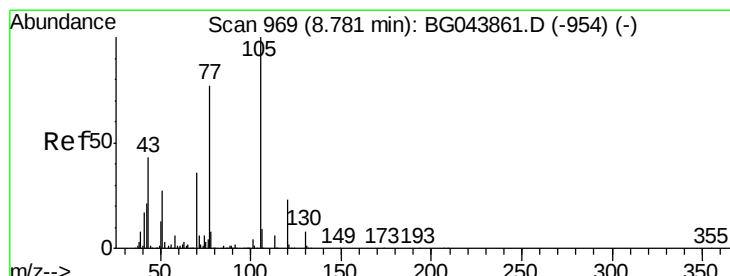
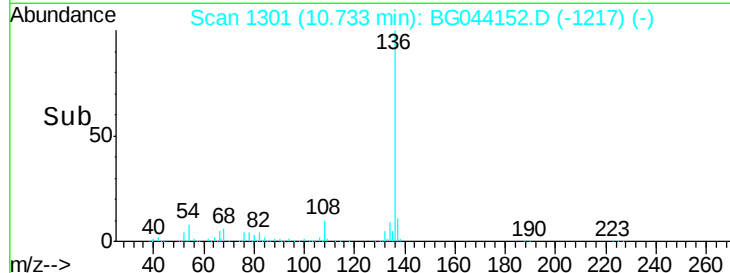
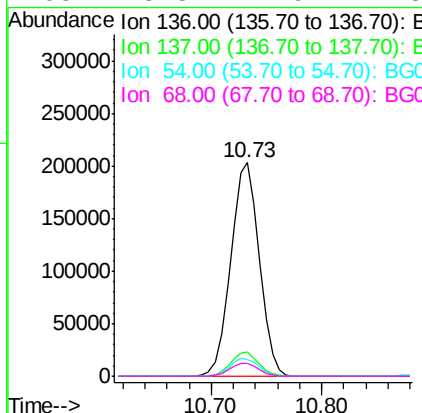
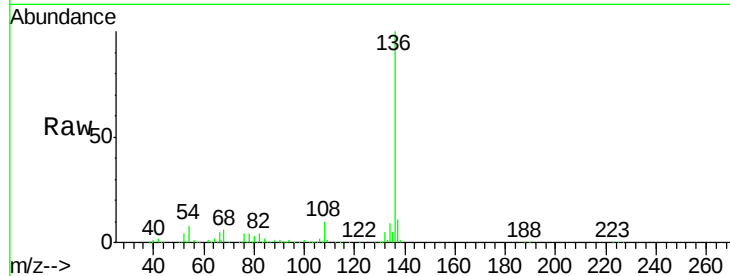
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		366745		
137	11.2	8.8	13.2		
54	7.7	7.0	10.4		
68	5.8	4.9	7.3		

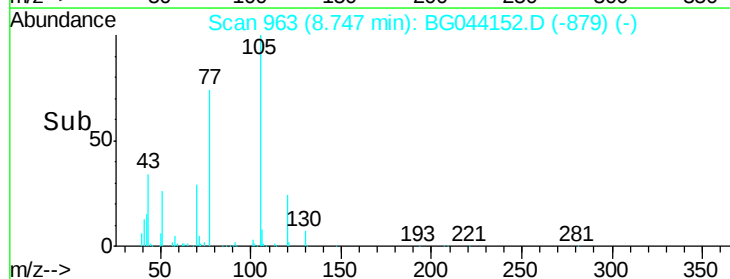
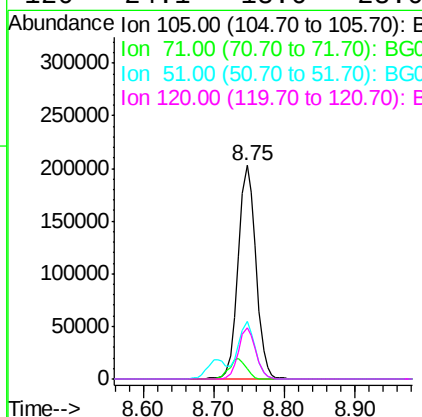
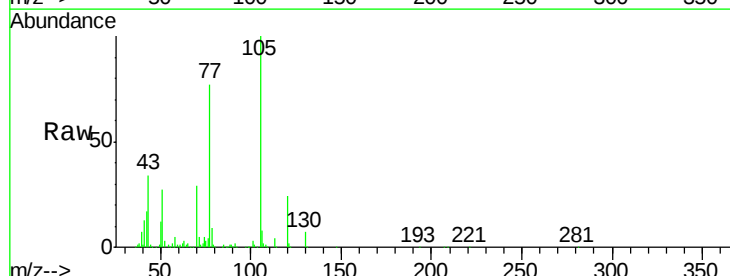
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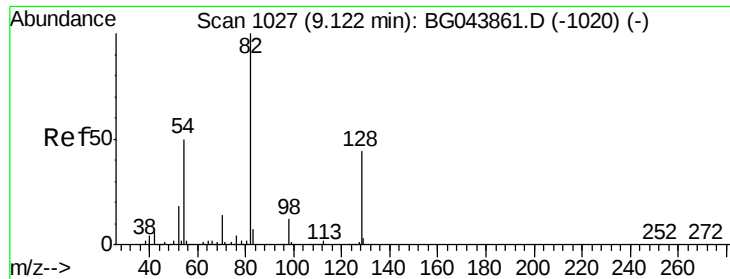
mohammad
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#22
Acetophenone
Concen: 38.905 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		354721		
71	5.0	4.8	7.2		
51	26.8	21.4	32.0		
120	24.1	18.6	28.0		





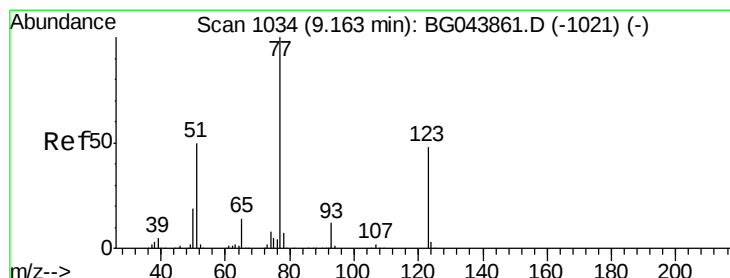
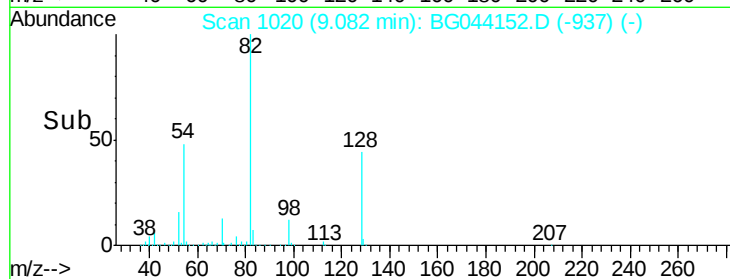
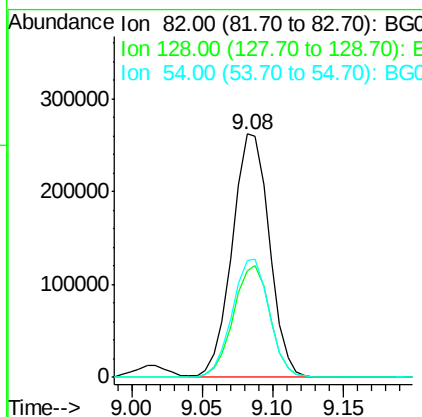
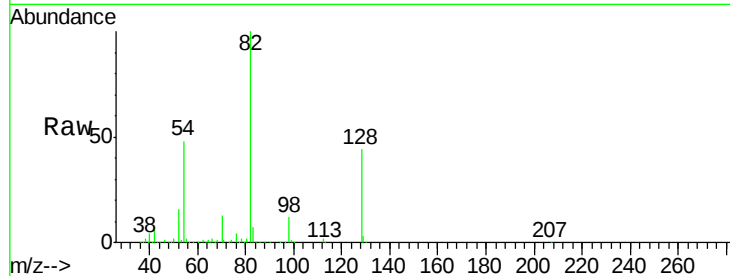
#23
 Nitrobenzene-d5
 Concen: 70.301 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	481955		
128	43.9		35.1	52.7
54	48.0		40.1	60.1

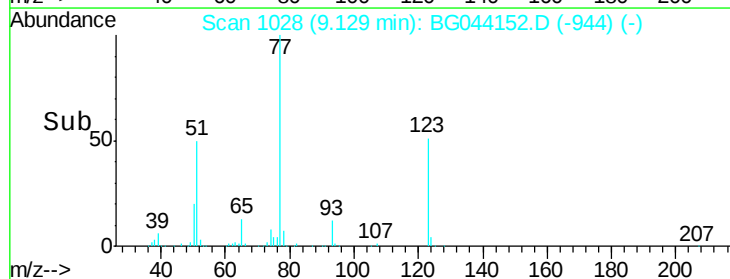
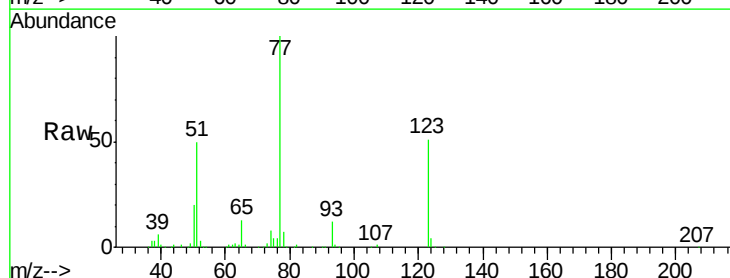
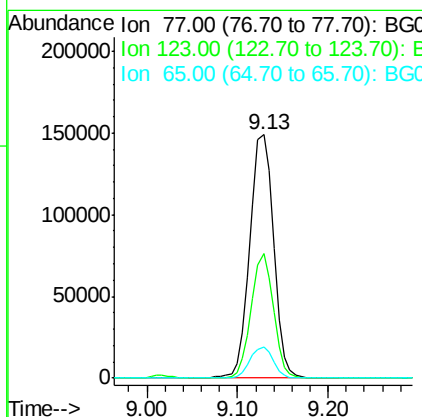
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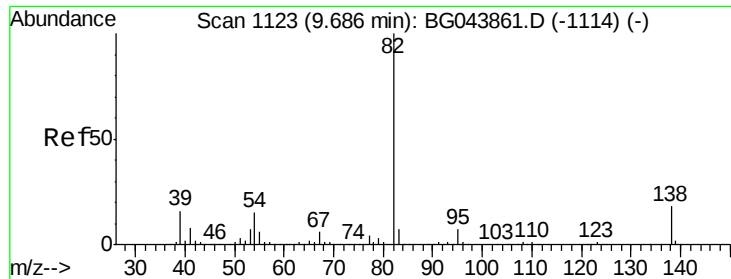
mohammad
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#24
 Nitrobenzene
 Concen: 40.069 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	272068		
123	51.2		38.7	58.1
65	13.0		11.1	16.7





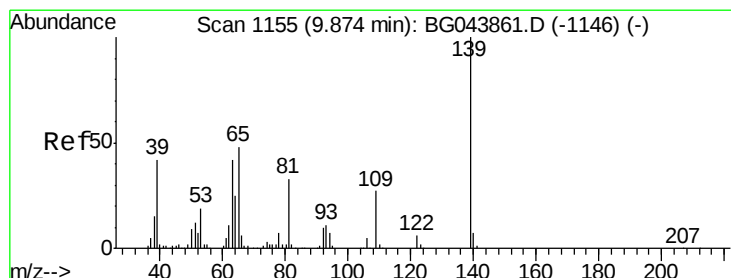
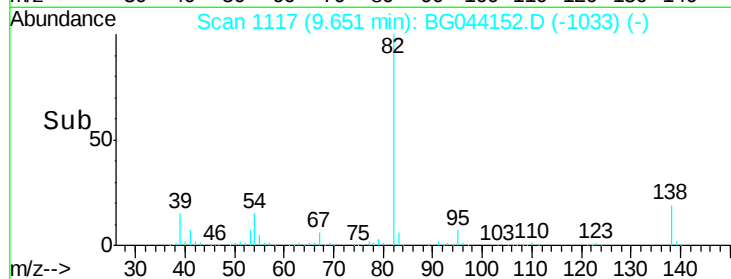
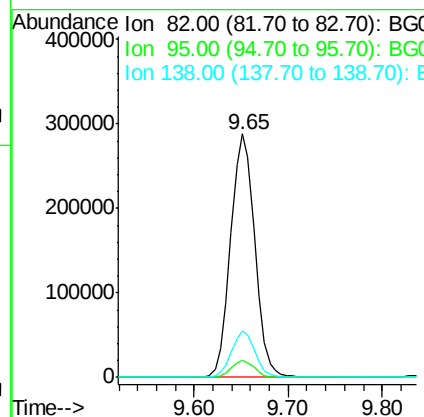
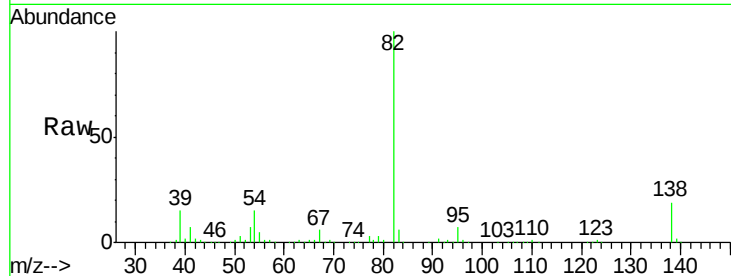
#25
Isophorone
Concen: 39.985 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	514272		
95	7.1		5.8	8.6
138	19.2		14.6	22.0

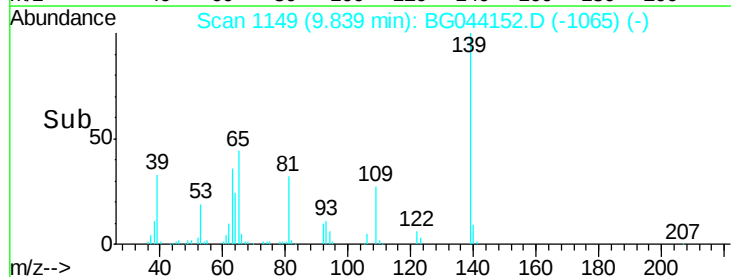
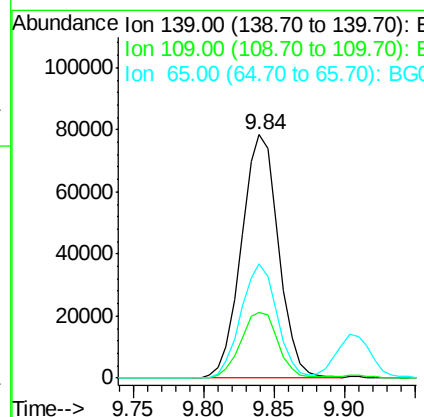
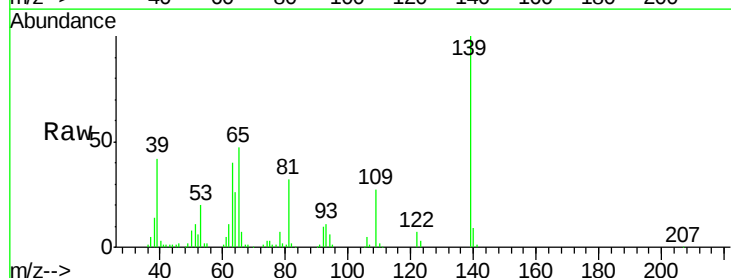
Manual Integrations
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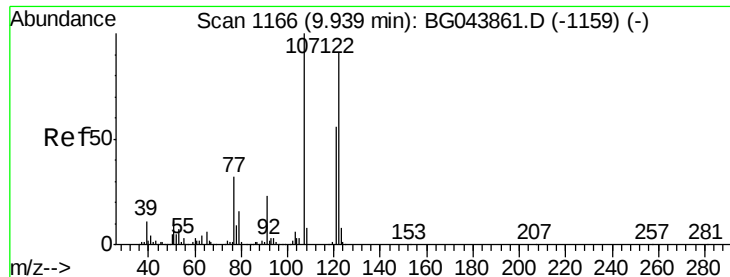
mohammad
1/23/2020 7:58:33 AM



#26
2-Nitrophenol
Concen: 44.905 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	144254		
109	27.0		21.3	31.9
65	47.2		38.6	57.8





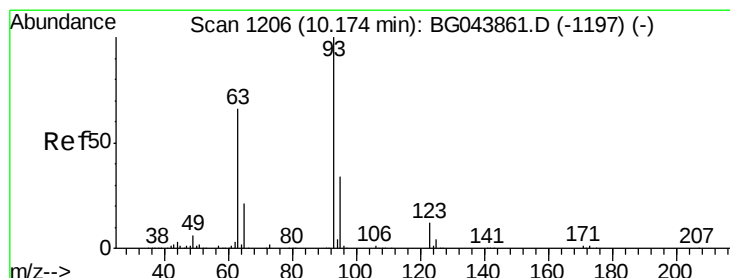
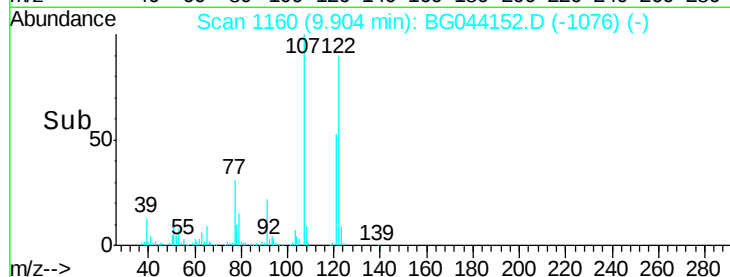
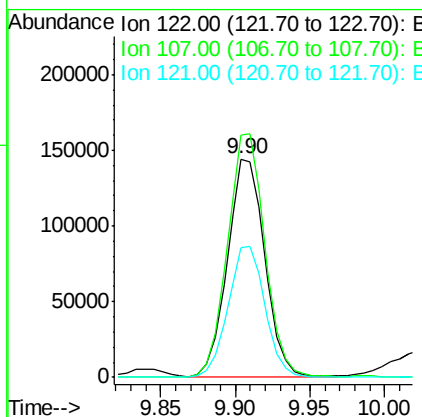
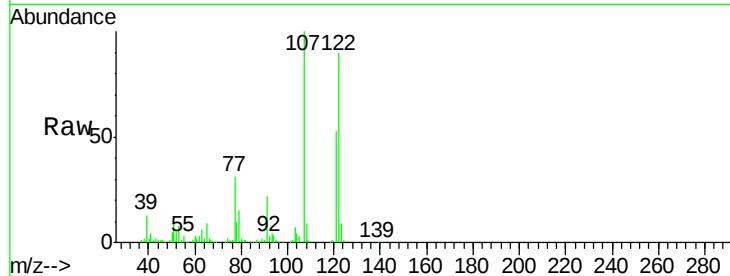
#27
2,4-Dimethylphenol
Concen: 51.510 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249084		
107	110.8		88.0	132.0
121	59.2		49.0	73.4

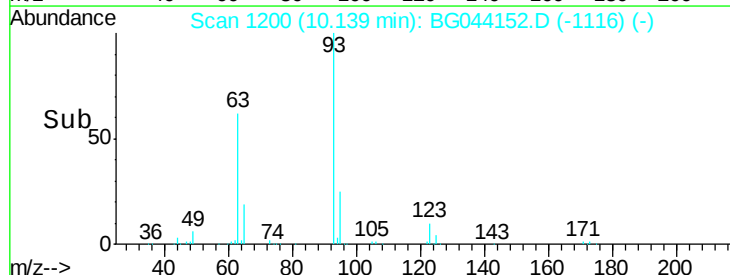
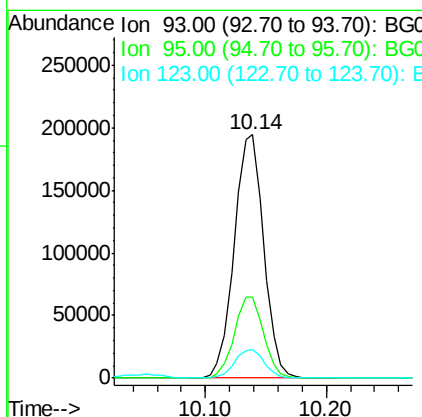
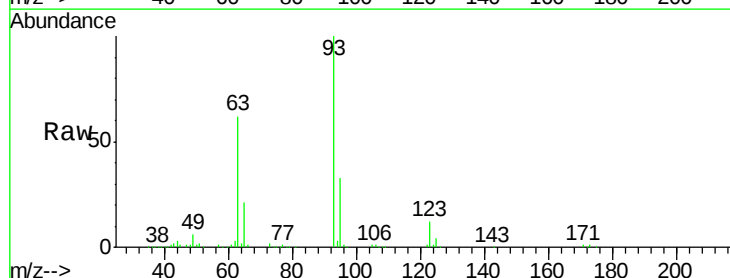
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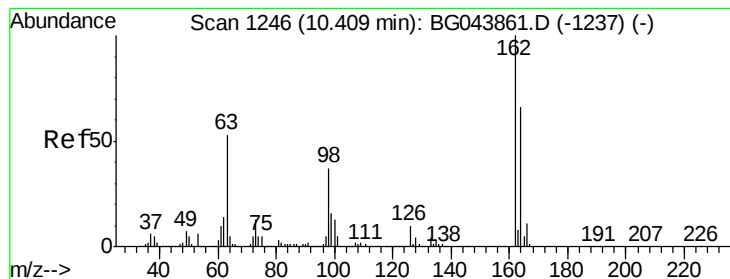
mohammad
1/23/2020 7:58:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.553 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	330580		
95	33.2		27.2	40.8
123	11.9		9.7	14.5





#29

2,4-Dichlorophenol

Concen: 43.775 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

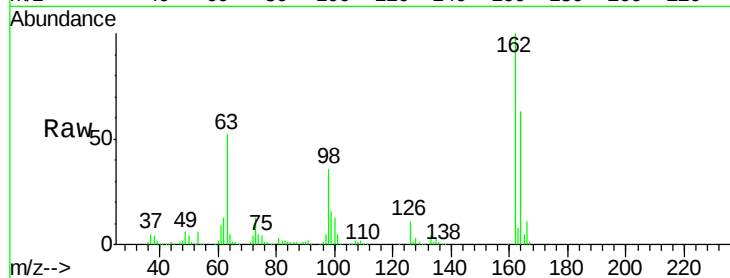
ClientSampleId :

PB126234BS

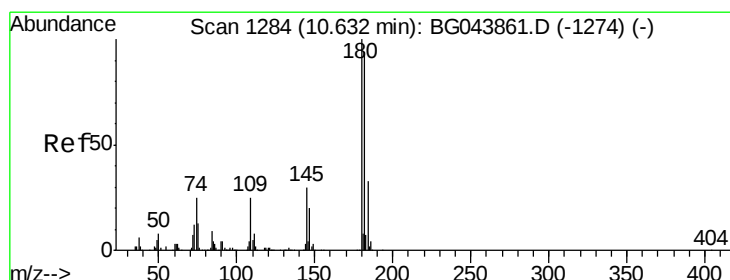
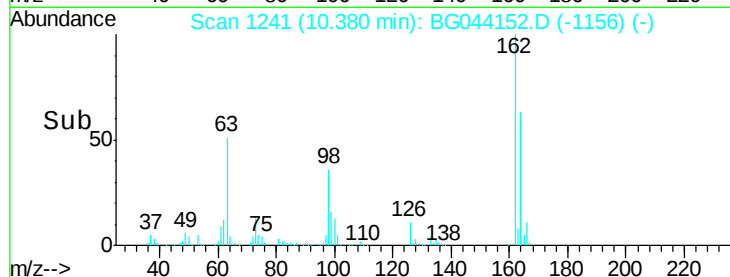
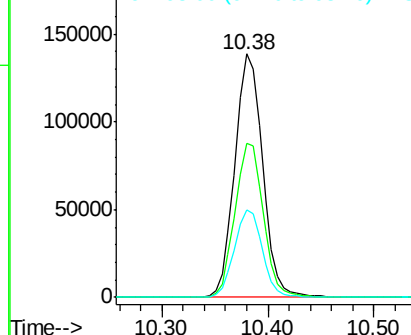
Tot Ion:	162	Resp:	252501
Ion Ratio		Lower	Upper
162	100		
164	63.2	46.3	86.3
98	35.7	17.3	57.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.754 ng

RT: 10.60 min Scan# 1278

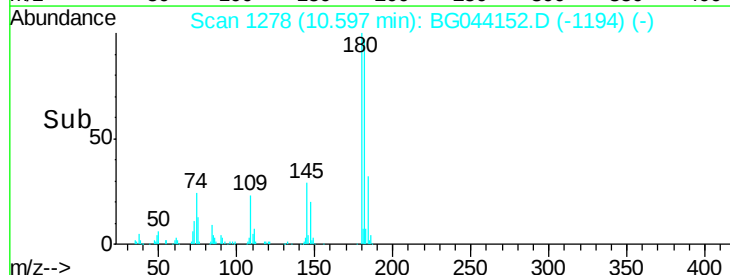
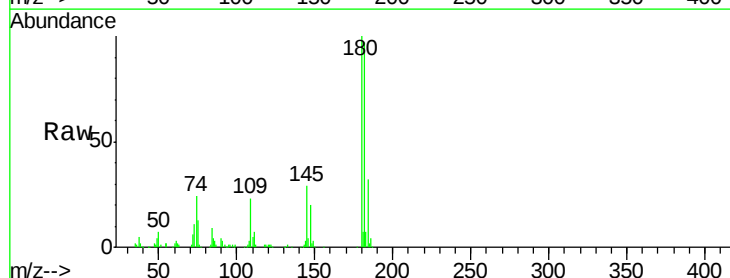
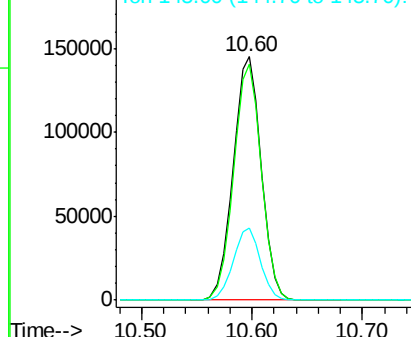
Delta R.T. -0.03 min

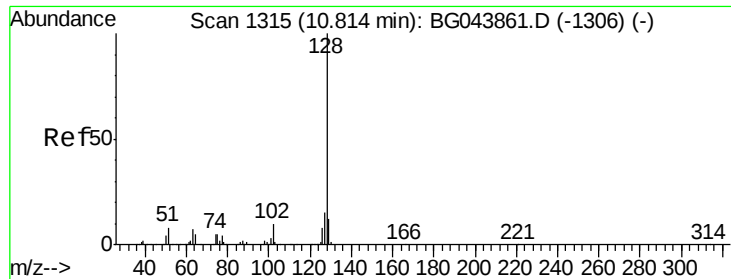
Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	180	Resp:	257109
Ion Ratio		Lower	Upper
180	100		
182	96.7	75.0	112.4
145	29.5	24.2	36.4

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





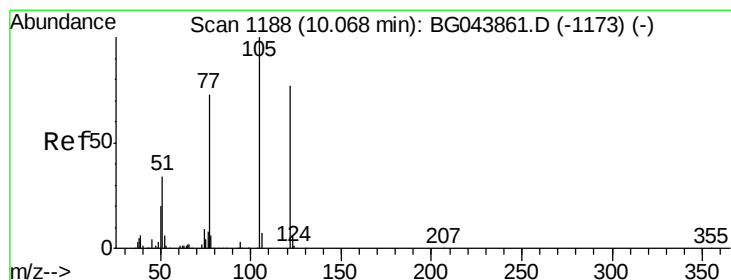
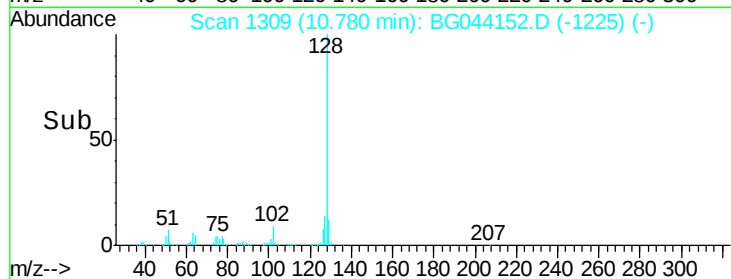
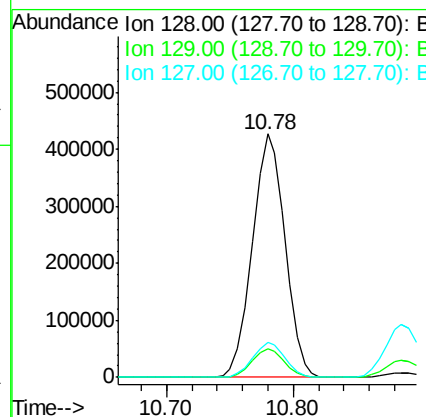
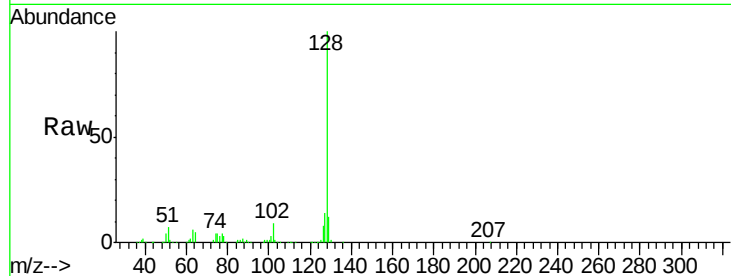
#31
Naphthalene
Concen: 42.995 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampled :
PB126234BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.4	12.0	18.0

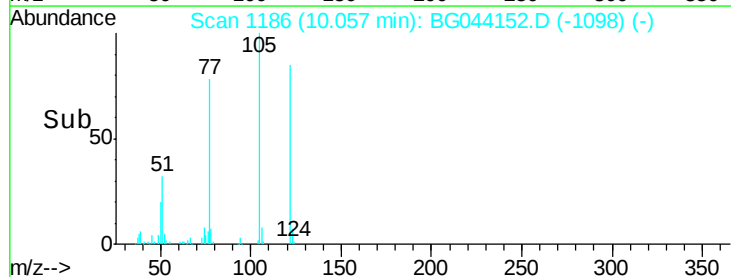
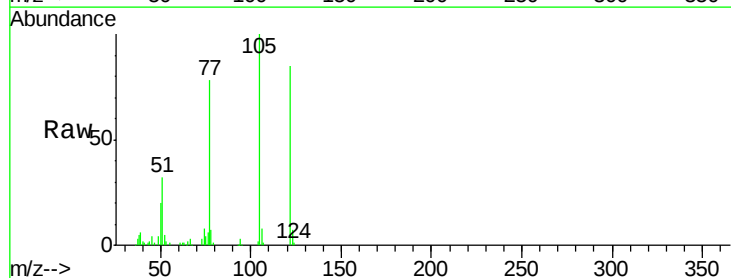
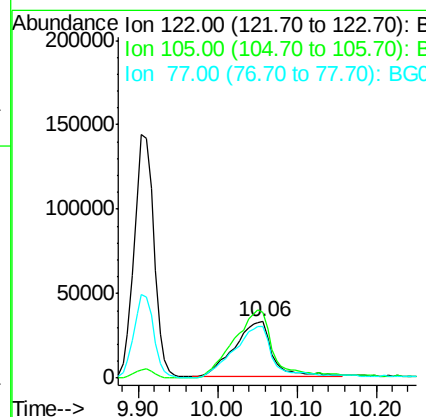
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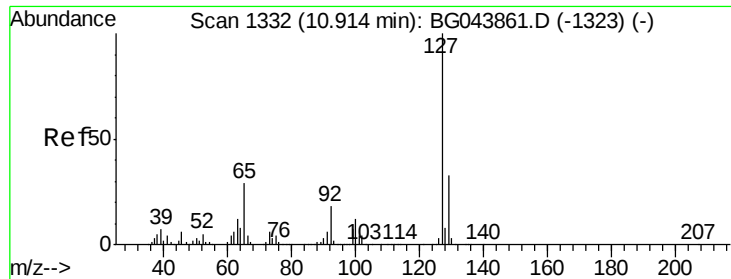
mohammad
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#32
Benzoic acid
Concen: 30.695 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	106.4	146.4
77	91.8	74.6	114.6





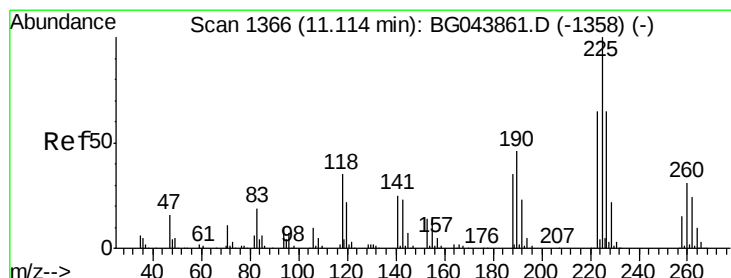
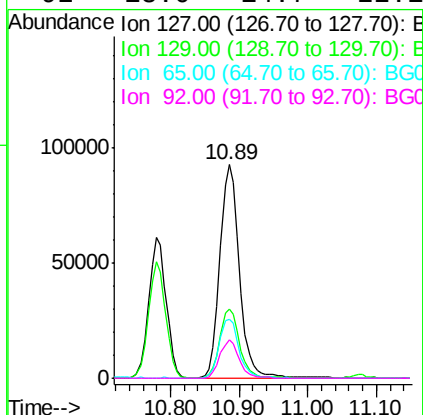
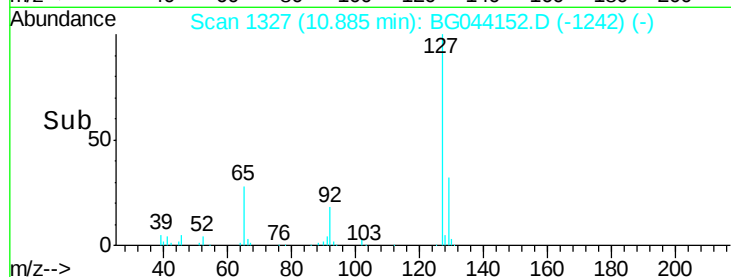
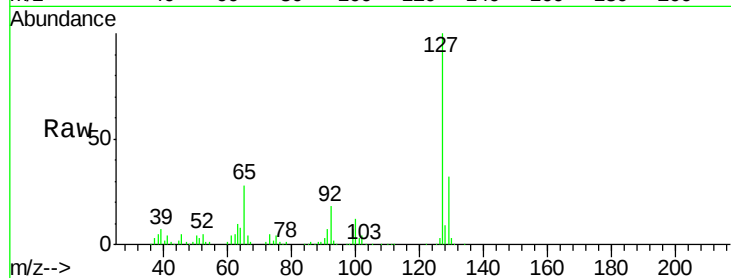
#33
4-Chloroaniline
Concen: 21.741 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	27.8	23.3	34.9
92	18.0	14.7	22.1

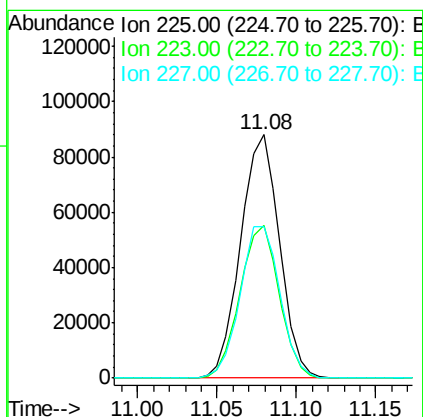
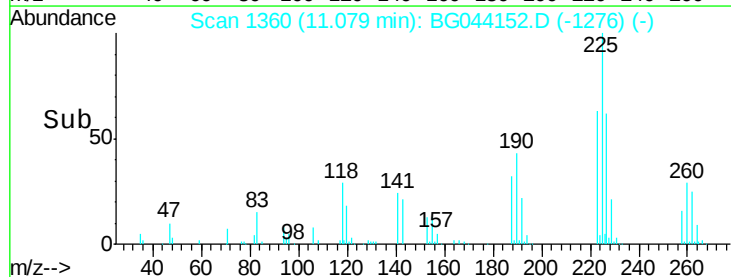
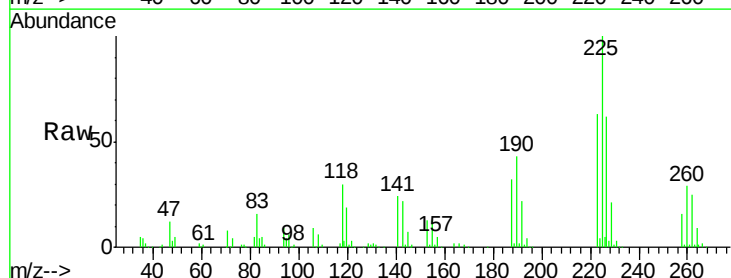
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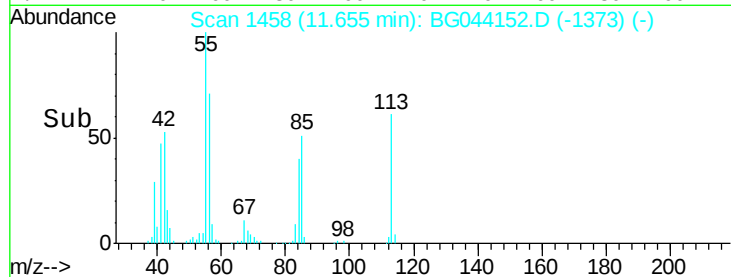
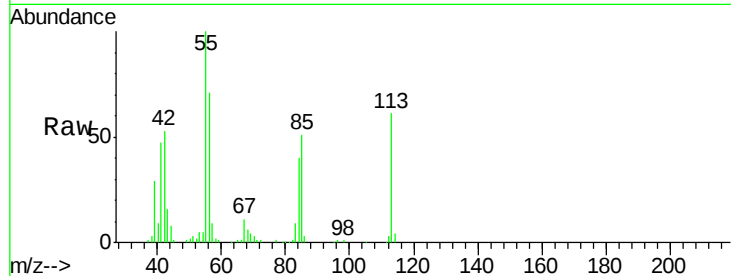
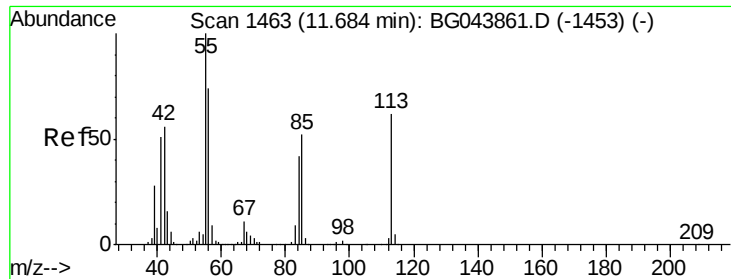
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#34
Hexachlorobutadiene
Concen: 37.979 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.4
227	62.3	52.1	78.1





#35

Caprolactam

Concen: 41.128 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleID :

PB126234BS

Tot Ion:113 Resp: 88314

Ion Ratio Lower Upper

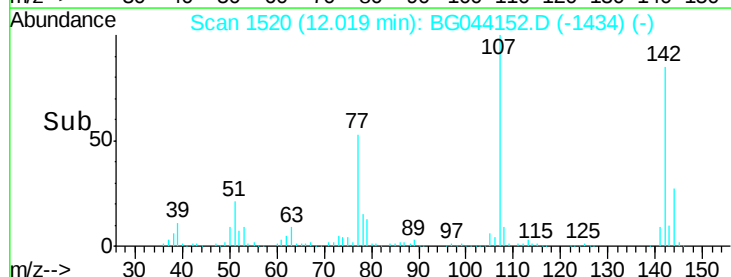
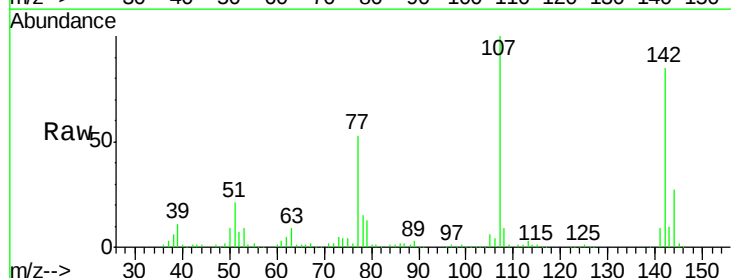
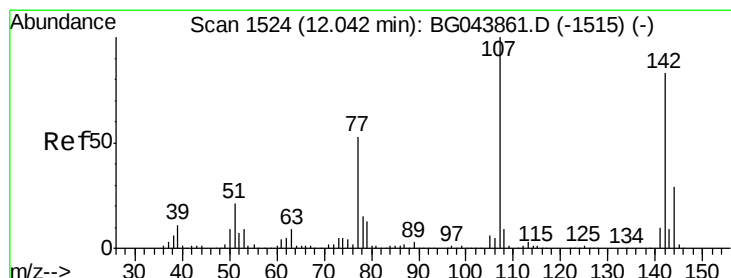
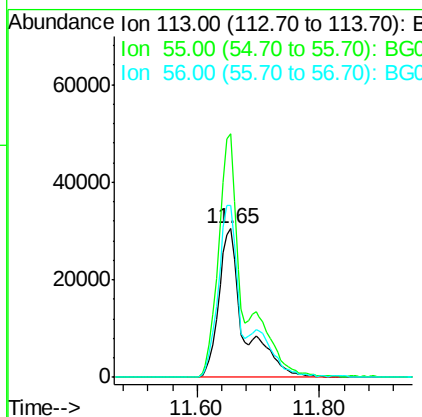
113 100

55 164.2 142.5 182.5

56 116.1 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 43.068 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

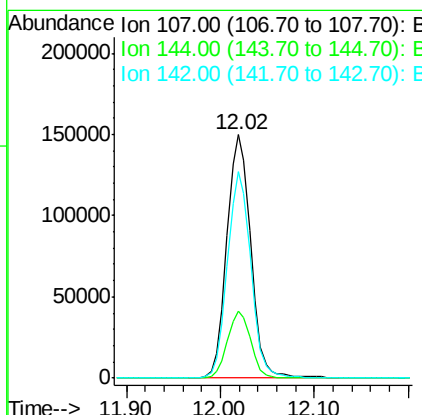
Tgt Ion:107 Resp: 264457

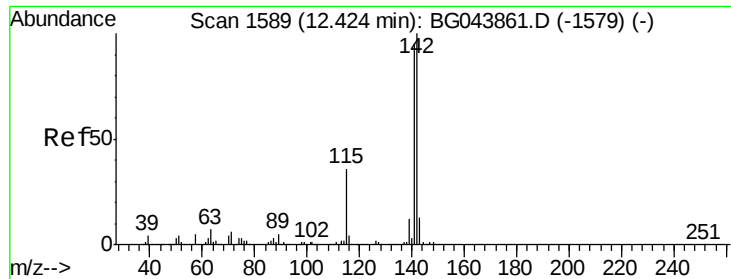
Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

142 84.9 66.3 99.5





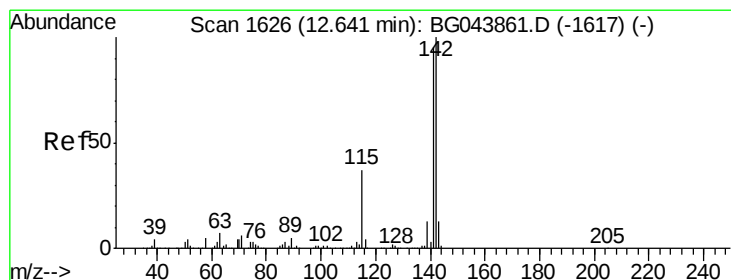
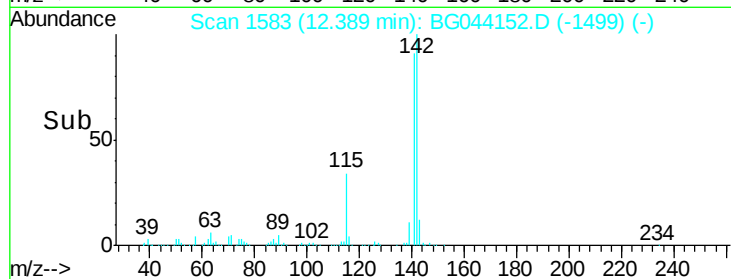
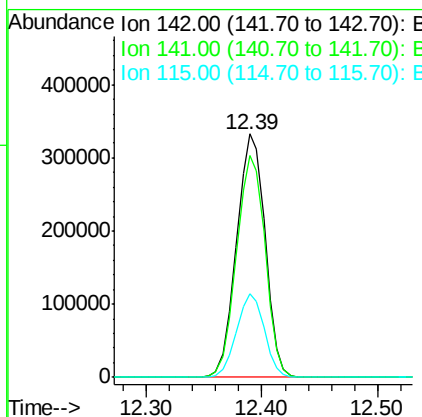
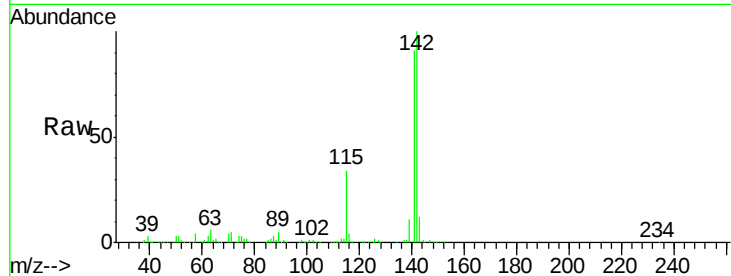
#37
2-Methylnaphthalene
Concen: 42.528 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.8	113.8
115	34.3	28.6	42.8

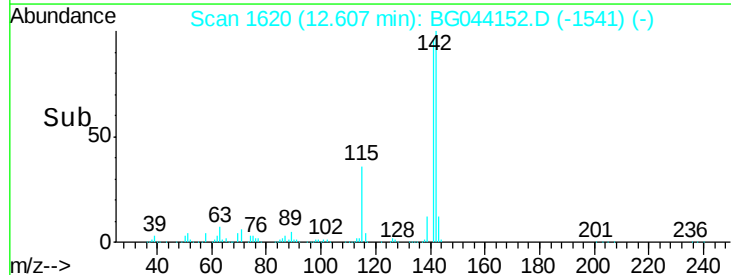
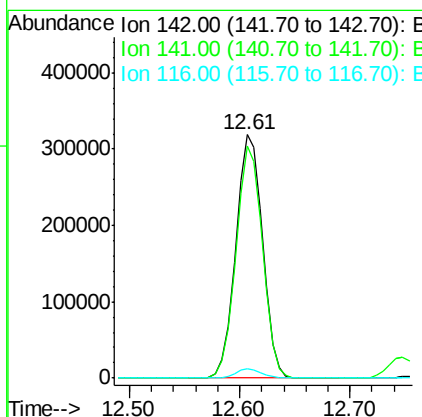
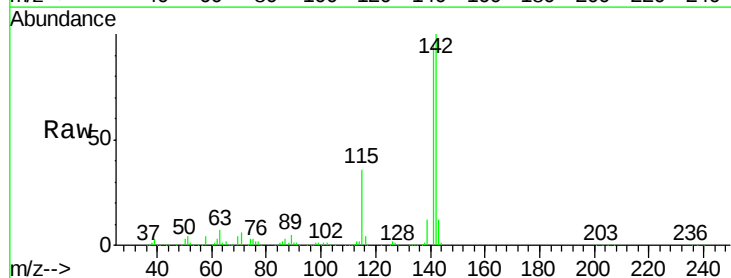
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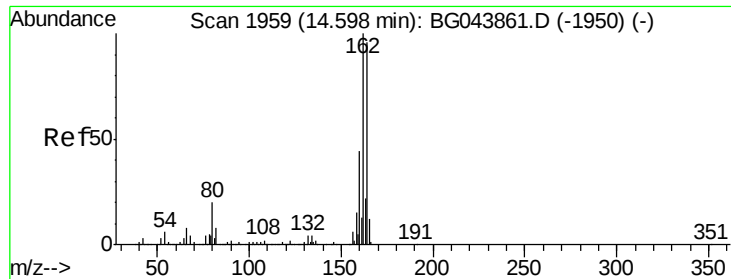
mohammad
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#38
1-Methylnaphthalene
Concen: 42.768 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.0	114.0
116	3.6	3.1	4.7





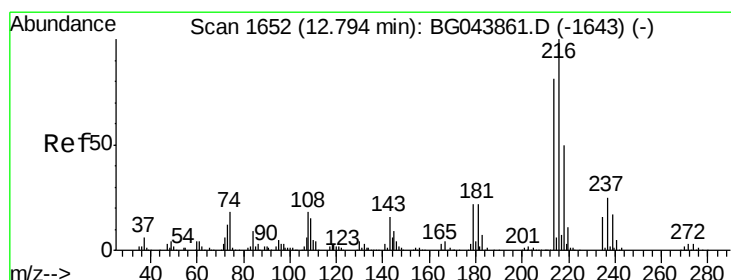
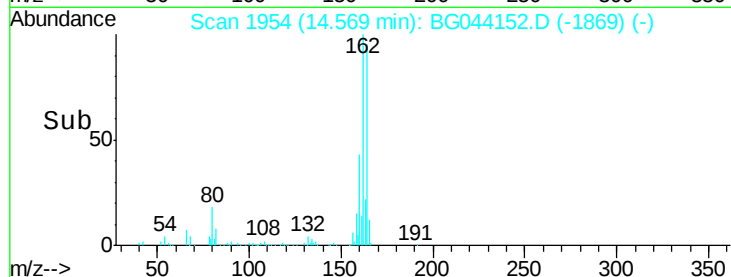
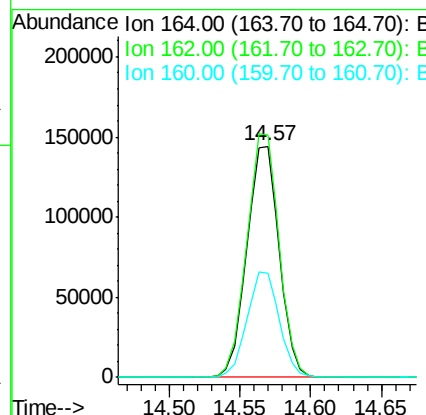
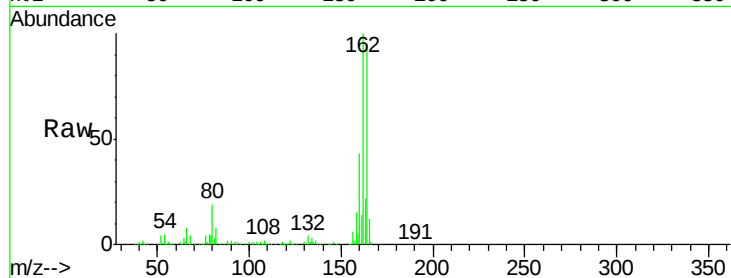
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	83.0	124.4	
160	44.7	36.1	54.1	

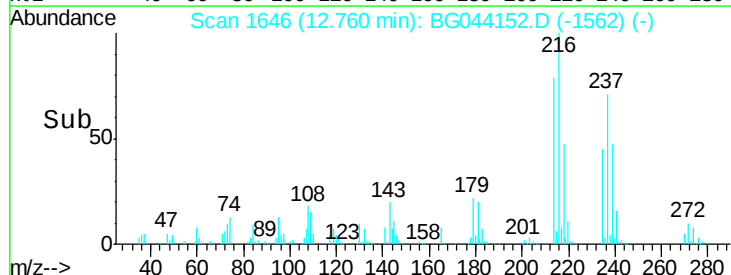
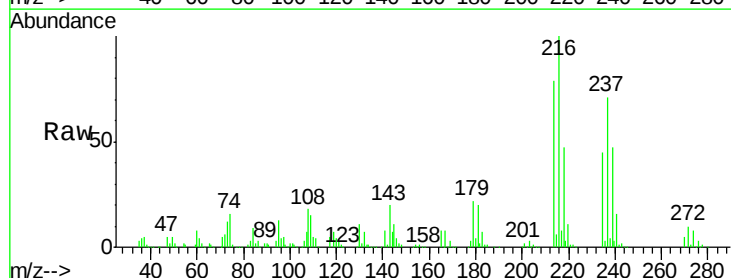
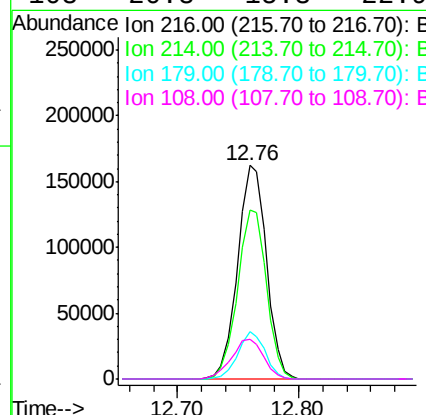
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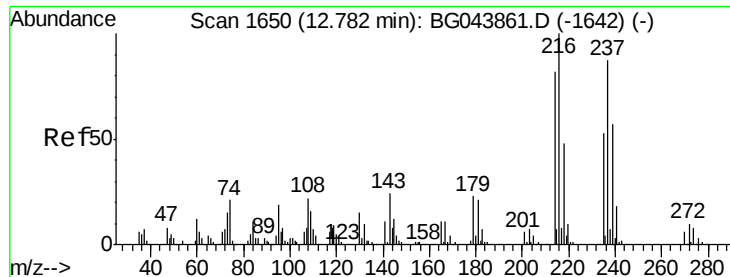
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.744 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.8	95.8	
179	20.9	17.3	25.9	
108	20.8	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 101.496 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

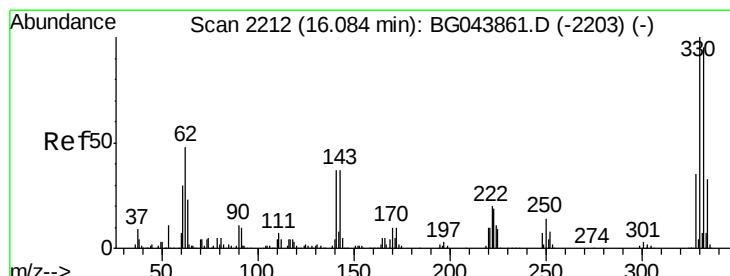
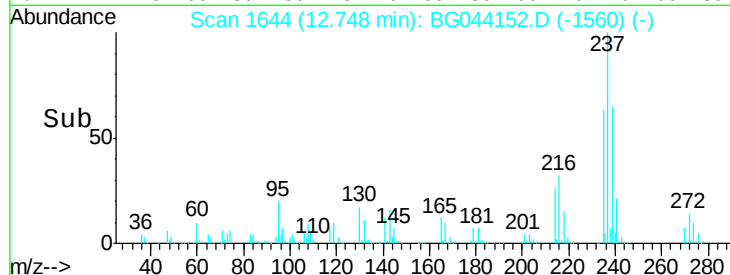
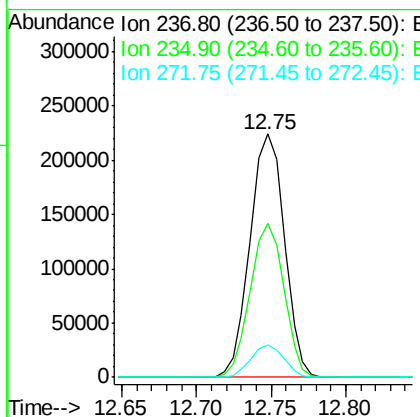
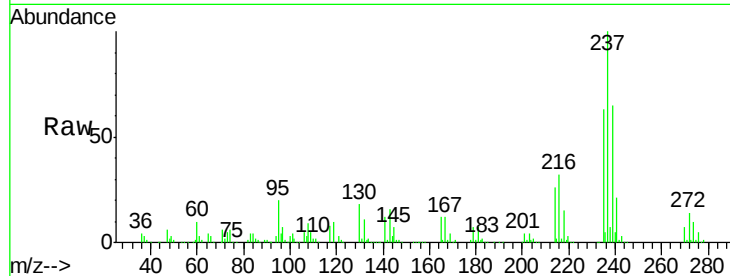
ClientSampleId :

PB126234BS

Tot Ion:	237	Resp:	357541
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.1	81.1
272	13.5	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 134.902 ng

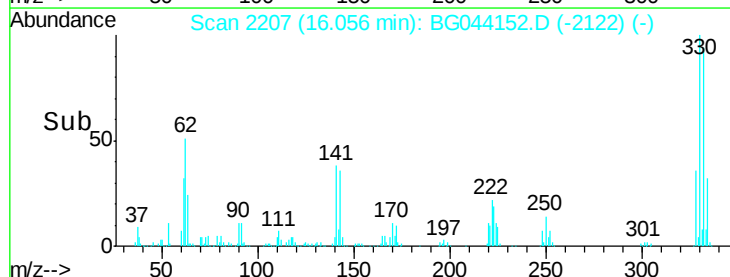
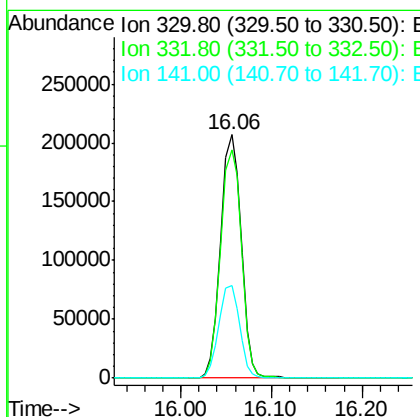
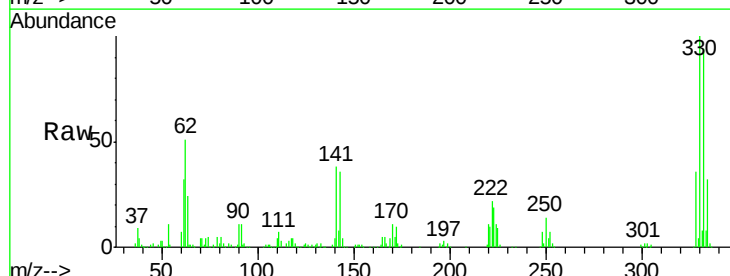
RT: 16.06 min Scan# 2207

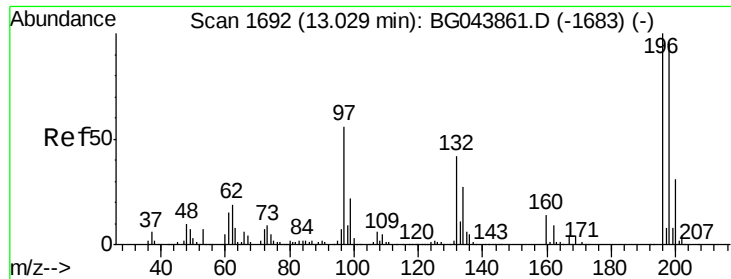
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	330	Resp:	327275
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.2	115.8
141	38.7	33.1	49.7





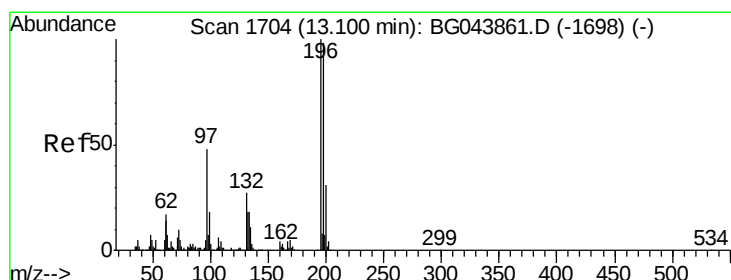
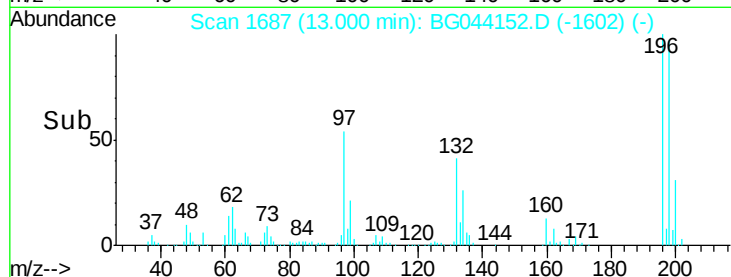
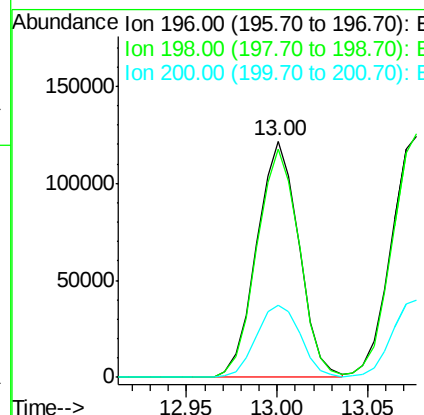
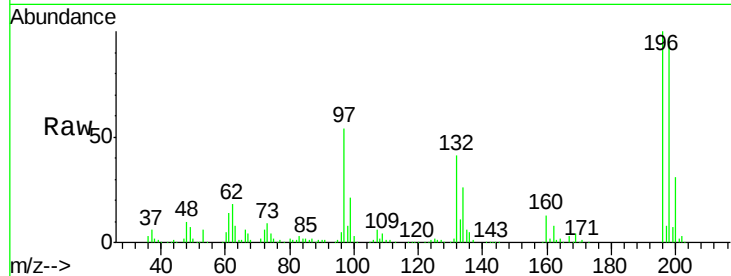
#43
 2,4,6-Trichlorophenol
 Concen: 41.968 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196218		
198	96.9	76.6	115.0	
200	30.7	24.6	37.0	

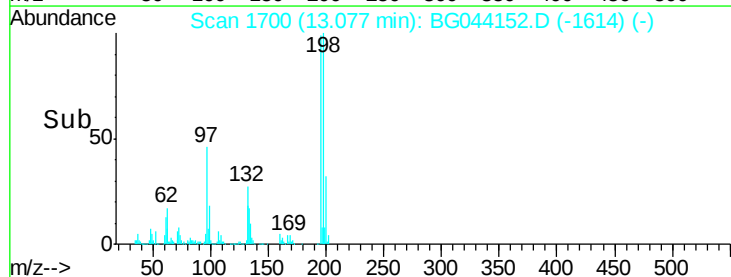
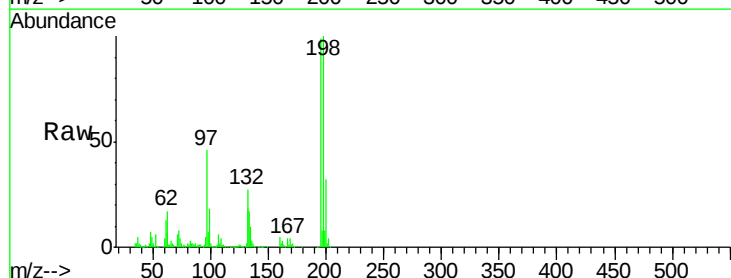
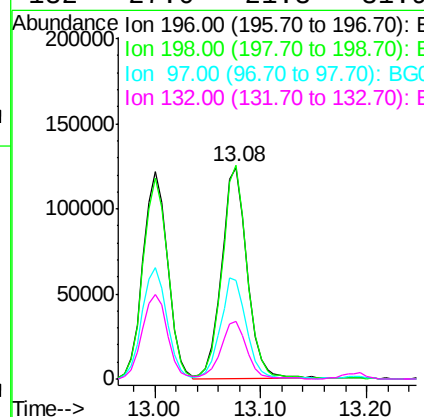
Manual Integrations
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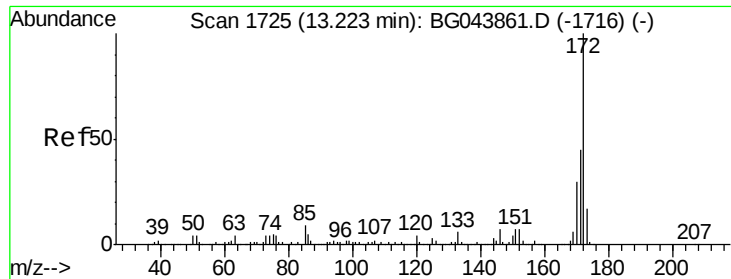
mohammad
 1/23/2020 7:58:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.348 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209027		
198	100.8	78.3	117.5	
97	46.8	38.8	58.2	
132	27.0	21.3	31.9	





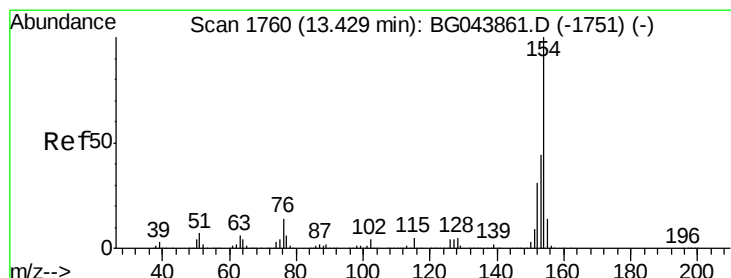
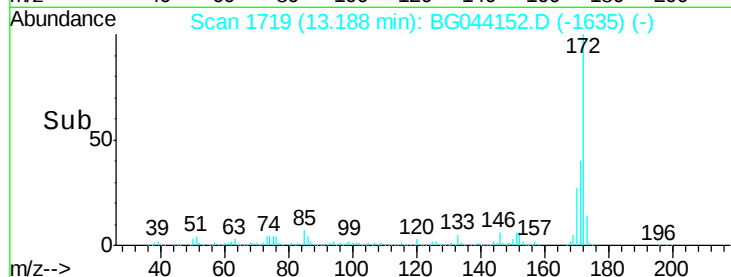
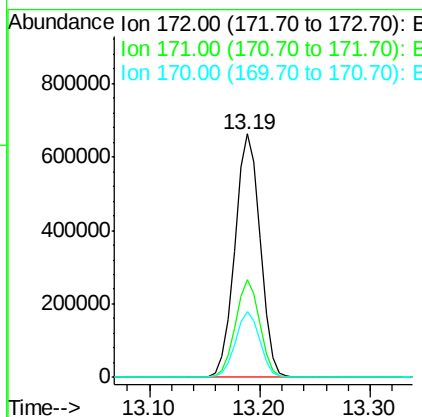
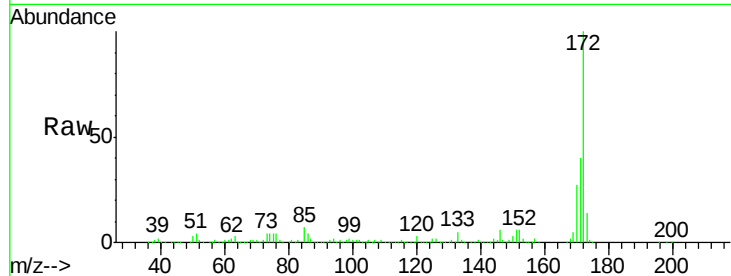
#45
2-Fluorobiphenyl
Concen: 83.061 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.0	35.8	53.8
170	27.0	24.2	36.4

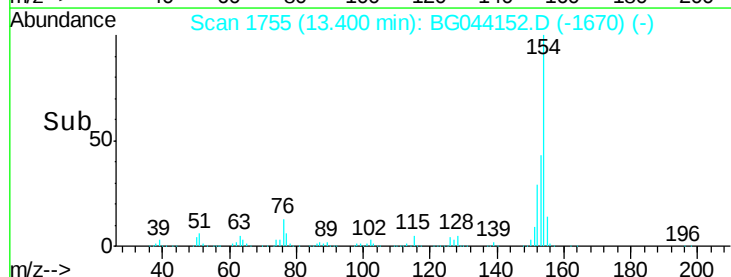
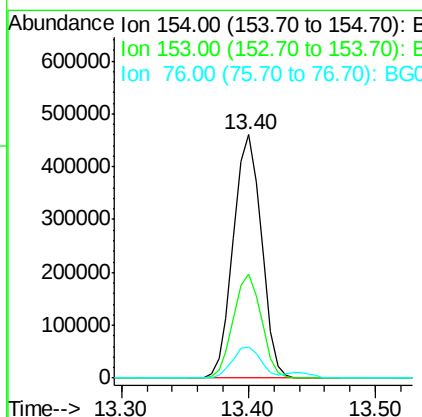
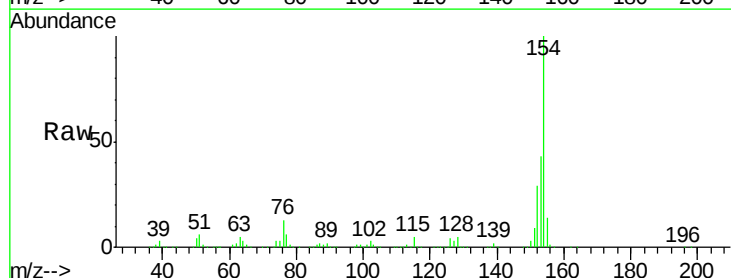
Manual Integrations
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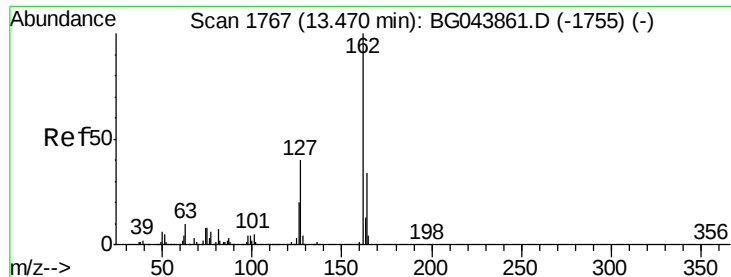
mohammad
1/23/2020 7:58:33 AM



#46
1,1'-Biphenyl
Concen: 42.616 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.6	63.6
76	13.0	0.0	34.4





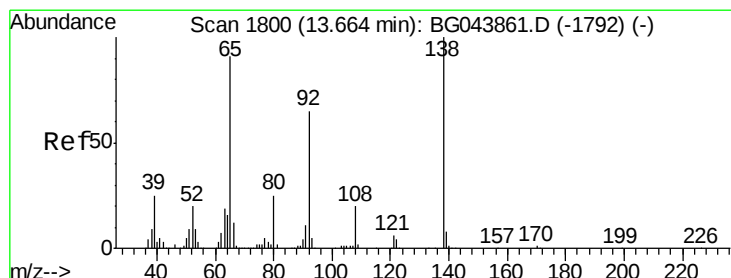
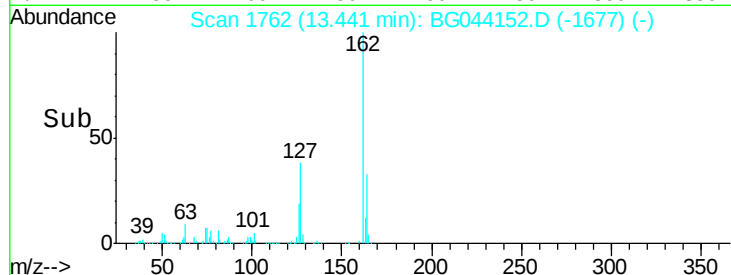
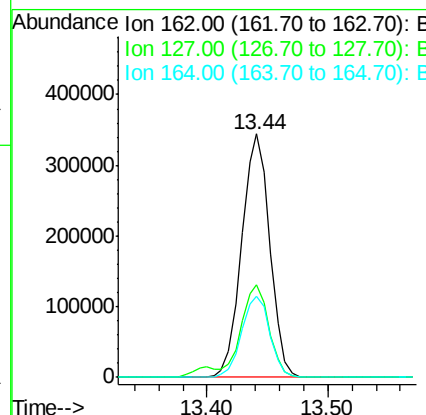
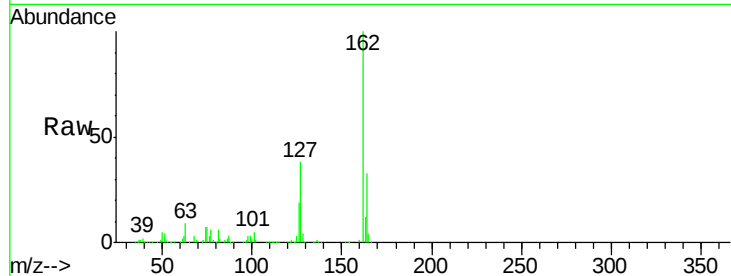
#47
2-Chloronaphthalene
Concen: 41.469 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.9	32.1	48.1	
164	33.3	27.5	41.3	

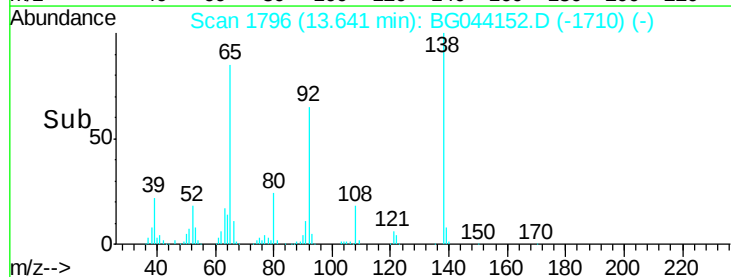
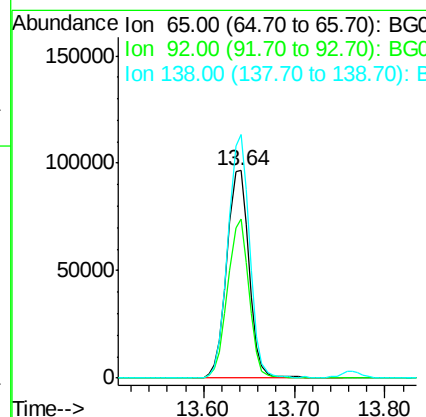
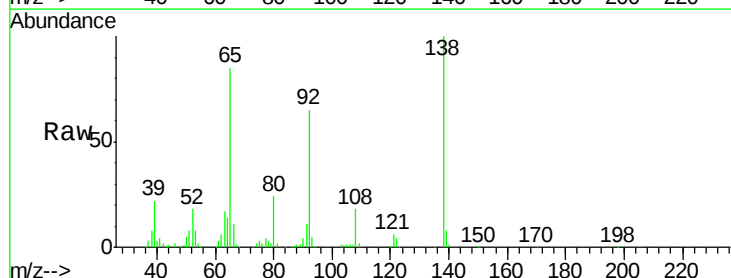
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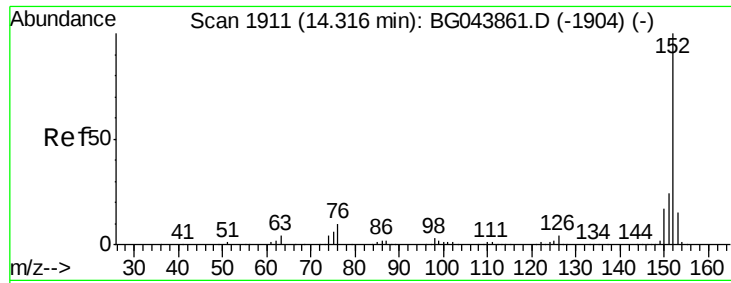
mohammad
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#48
2-Nitroaniline
Concen: 38.351 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.7	57.4	86.2	
138	117.4	88.2	132.4	





#49

Acenaphthylene

Concen: 45.437 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

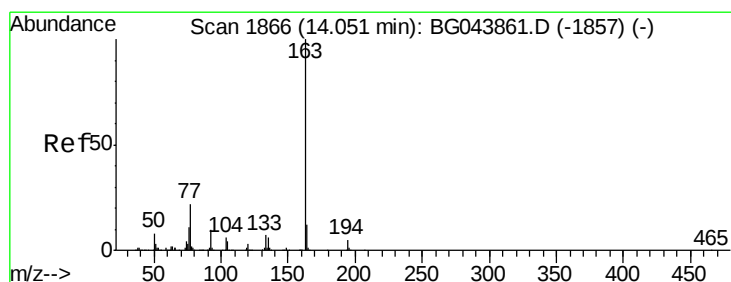
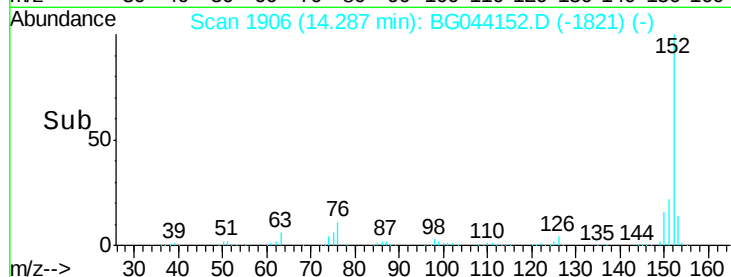
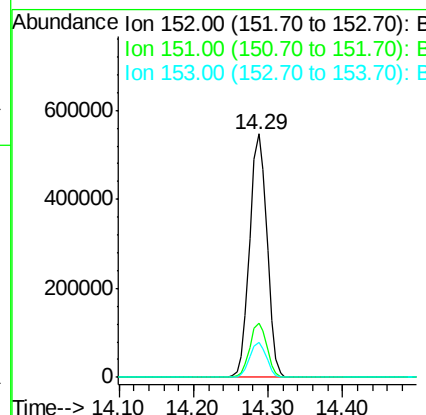
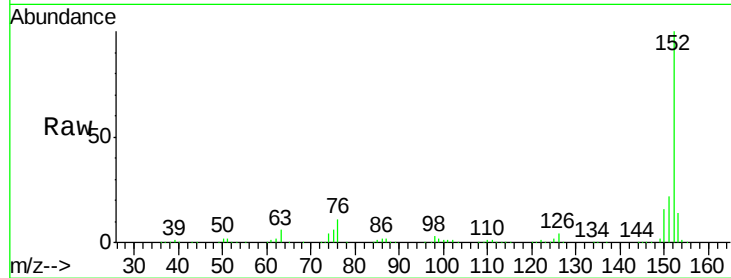
ClientSampleId :

PB126234BS

Tot Ion:	152	Resp:	877152
Ion Ratio	Lower	Upper	
152	100		
151	22.3	19.4	29.2
153	14.4	12.0	18.0

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#50

Dimethylphthalate

Concen: 41.495 ng

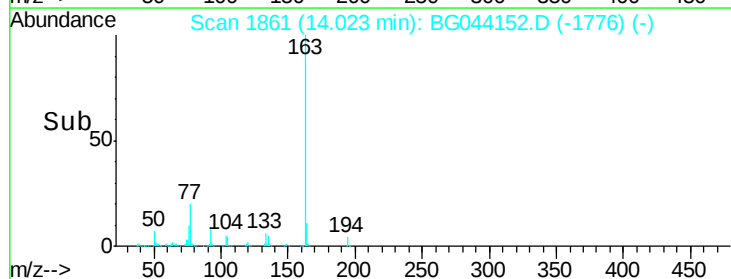
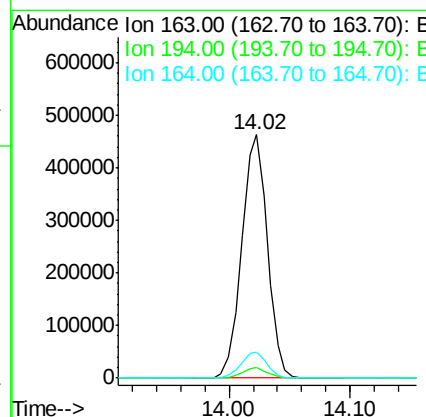
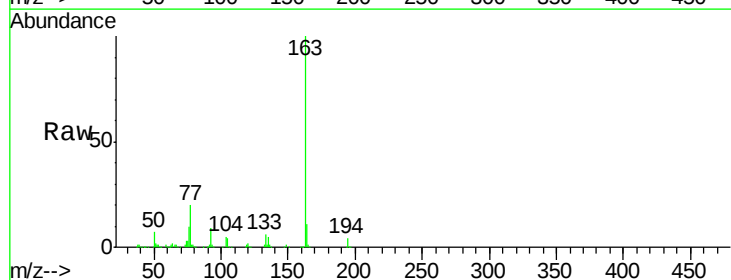
RT: 14.02 min Scan# 1861

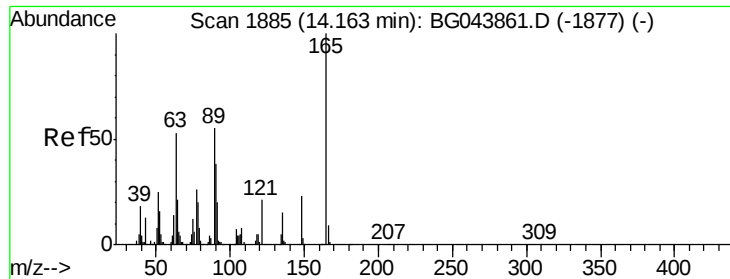
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	163	Resp:	683031
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	10.9	9.3	13.9





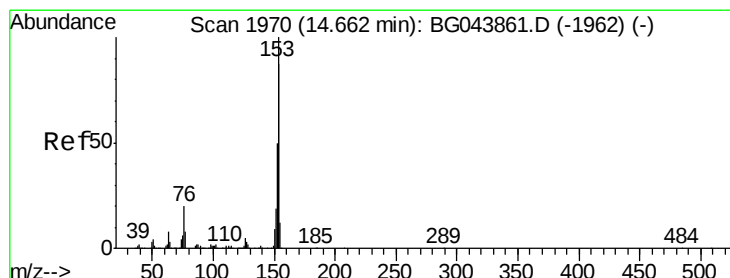
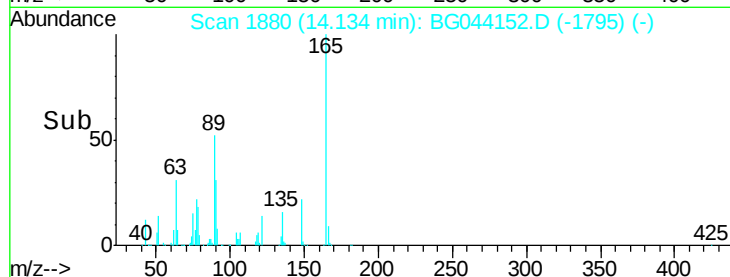
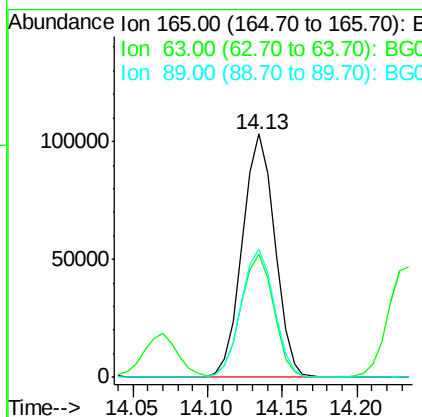
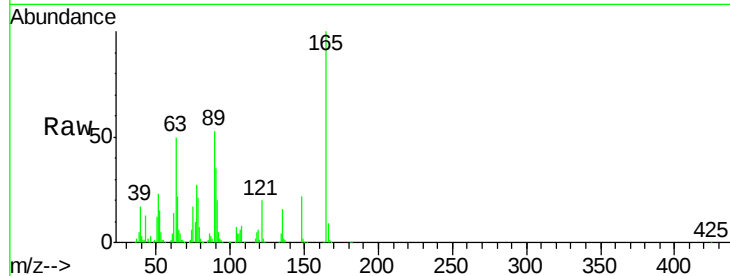
#51
 2,6-Dinitrotoluene
 Concen: 41.804 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.4	43.1	64.7
89	52.9	43.8	65.6

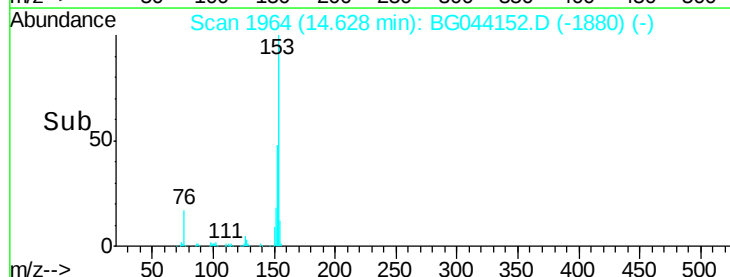
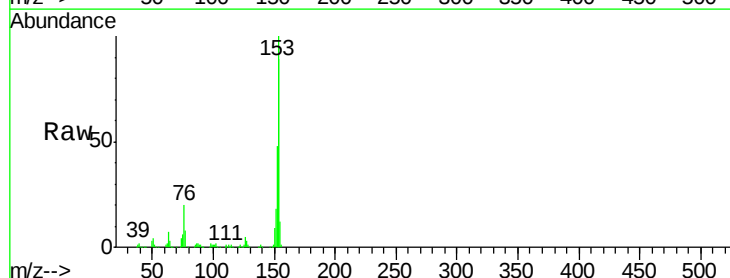
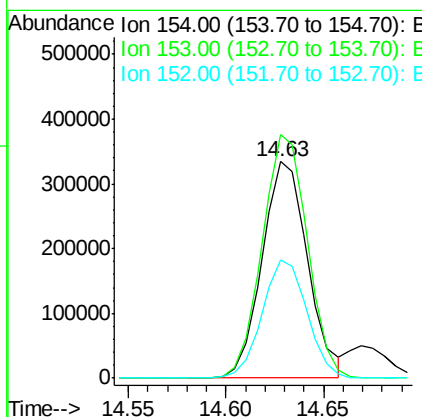
Manual Integrations
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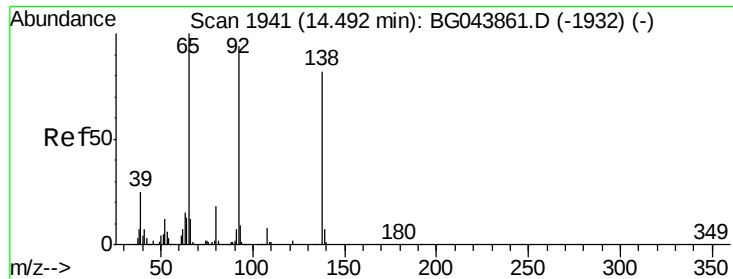
mohammad
 1/23/2020 7:58:33 AM



#52
 Acenaphthene
 Concen: 39.948 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.4	91.6	137.4
152	54.4	45.4	68.0





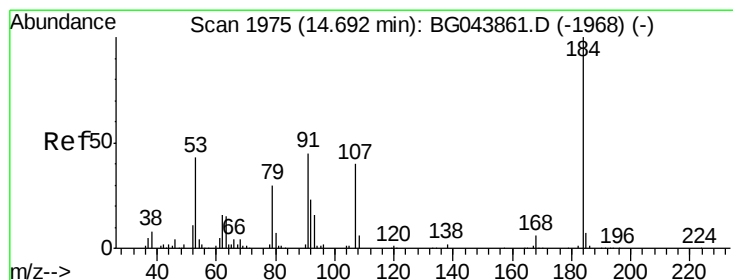
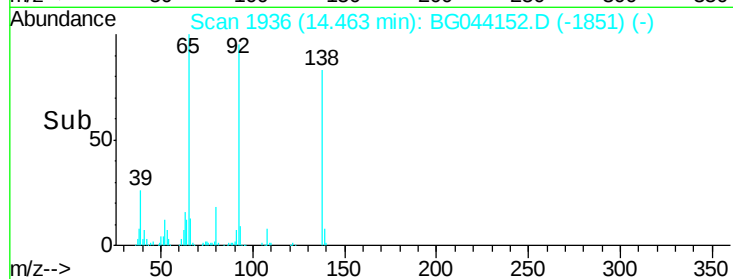
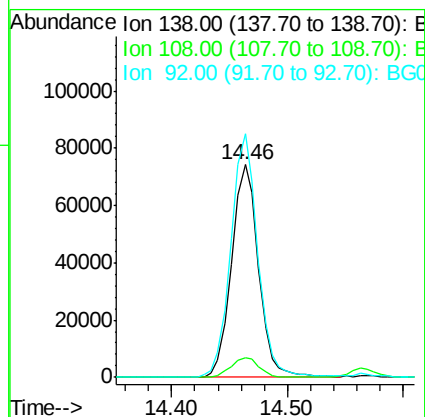
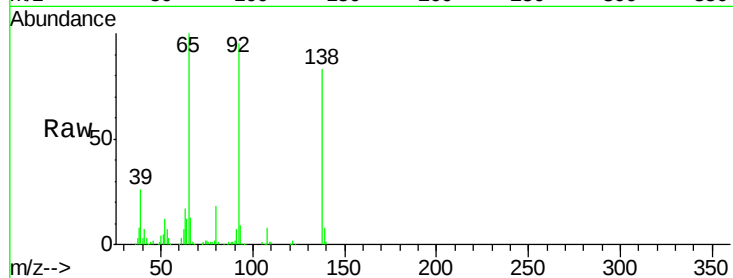
#53
3-Nitroaniline
Concen: 28.458 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	114.7	92.1	138.1

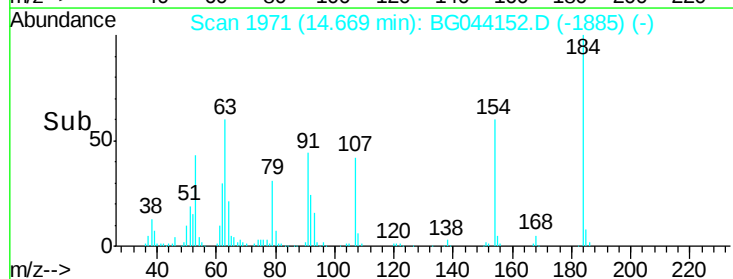
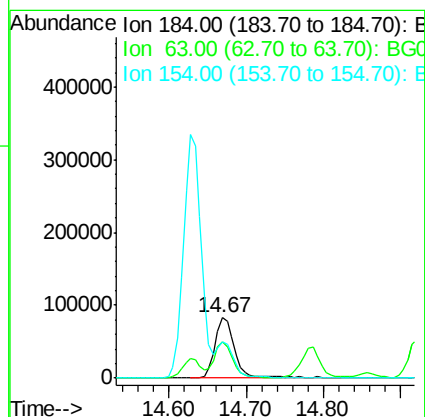
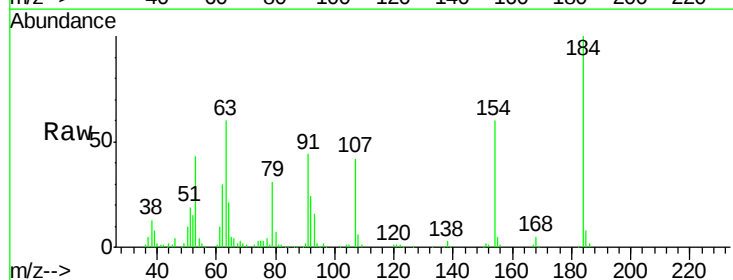
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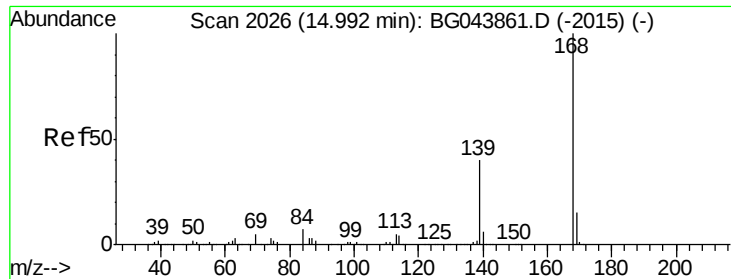
mohammad
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#54
2,4-Dinitrophenol
Concen: 78.796 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	46.6	70.0
154	59.8	50.2	75.4





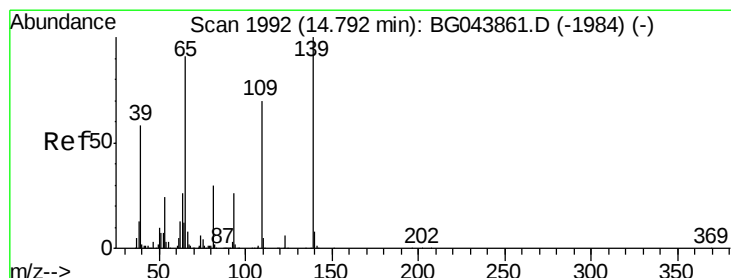
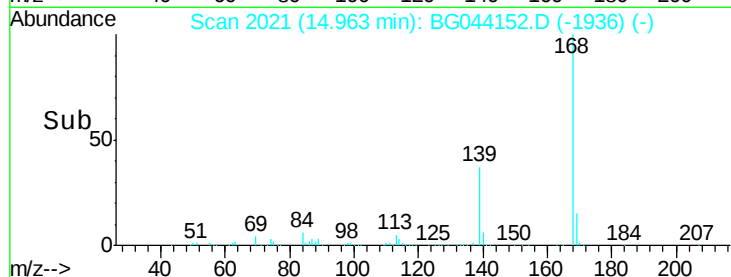
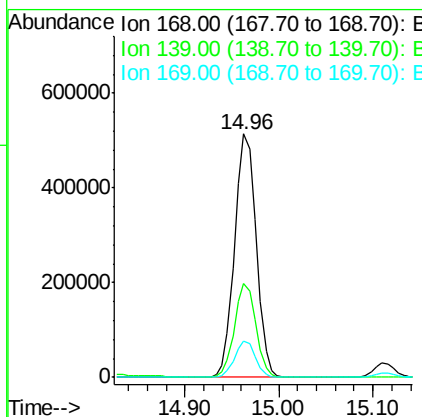
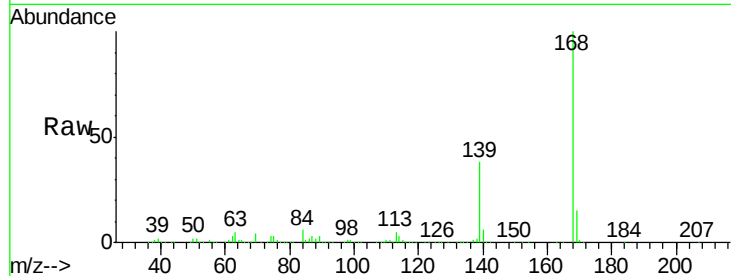
#55
Dibenzenofuran
Concen: 44.160 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	822995		
139	38.4		32.2	48.2
169	15.0		12.2	18.2

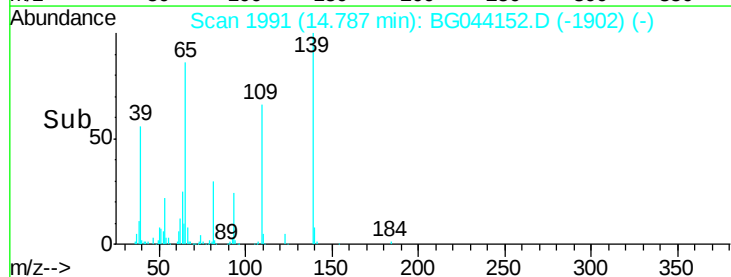
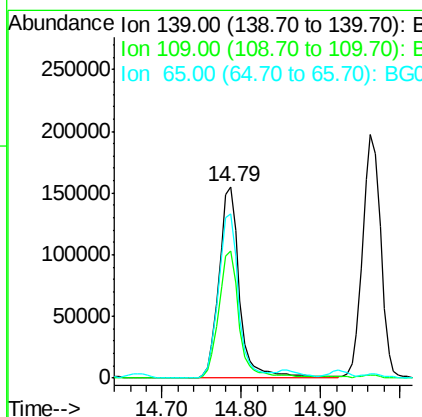
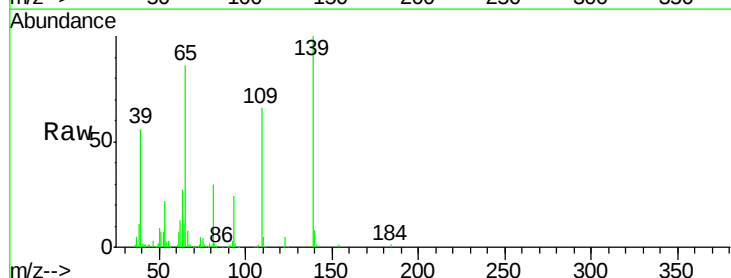
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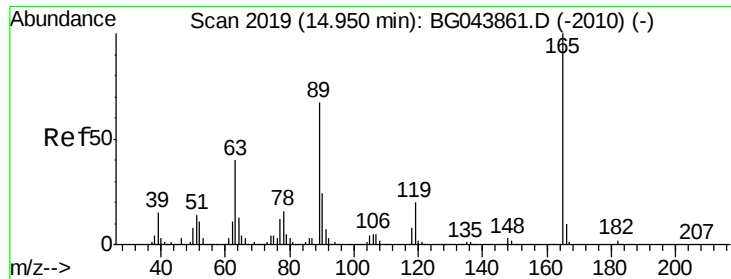
mohammad
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#56
4-Nitrophenol
Concen: 86.636 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	280490		
109	66.2		50.4	90.4
65	85.9		71.4	111.4





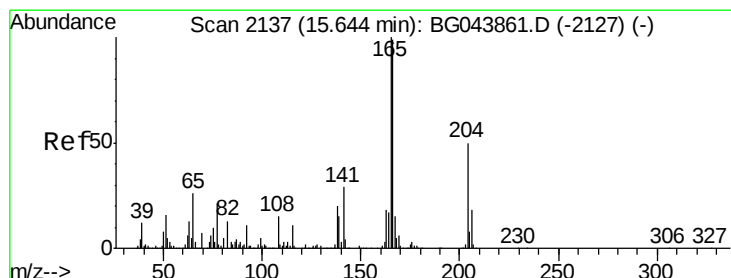
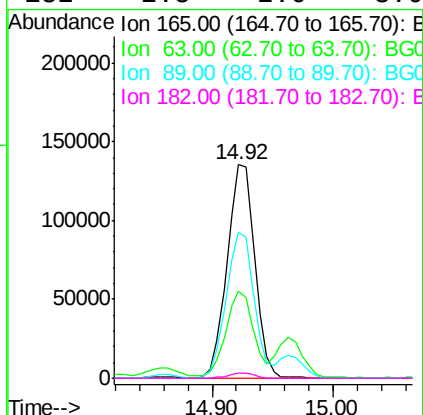
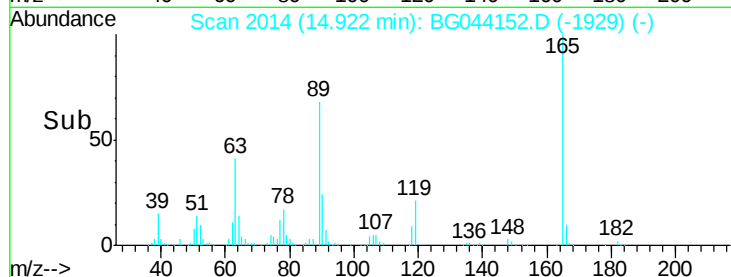
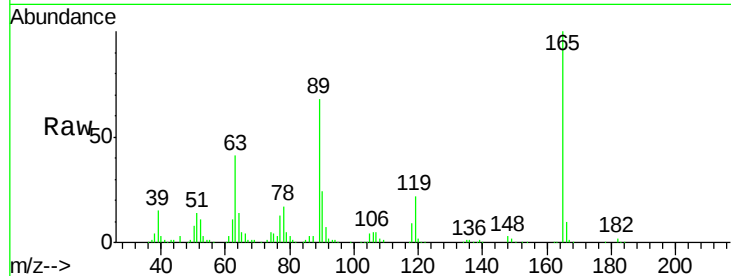
#57
2,4-Dinitrotoluene
Concen: 42.696 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		216146		
63	40.7		31.9	47.9	
89	68.3		53.8	80.6	
182	2.5		2.0	3.0	

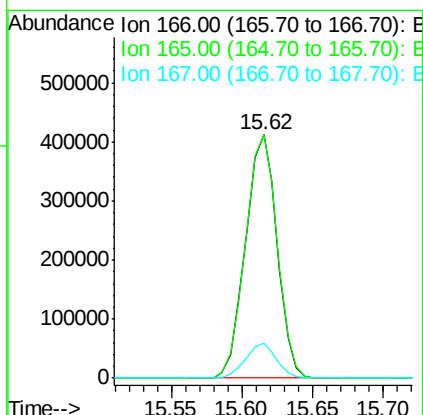
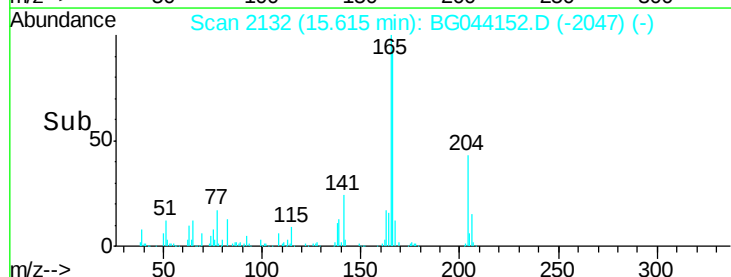
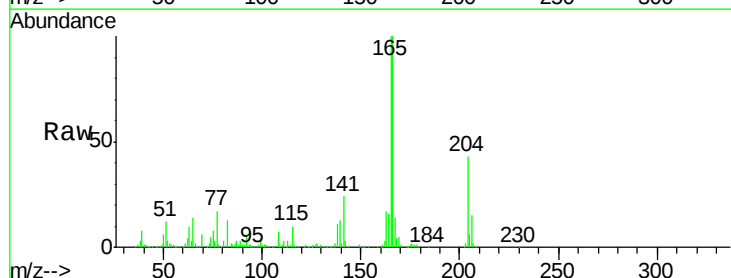
Manual Integrations
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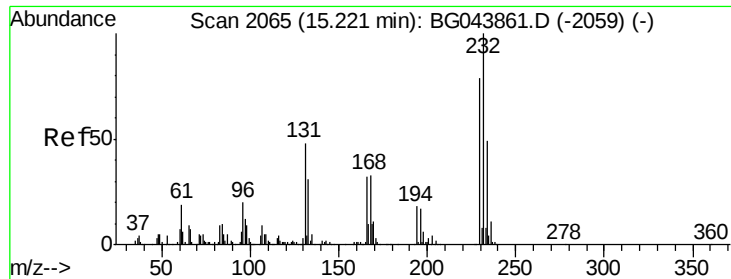
mohammad
1/23/2020 7:58:33 AM



#58
Fluorene
Concen: 43.776 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		646645		
165	100.0		80.8	121.2	
167	14.4		12.1	18.1	





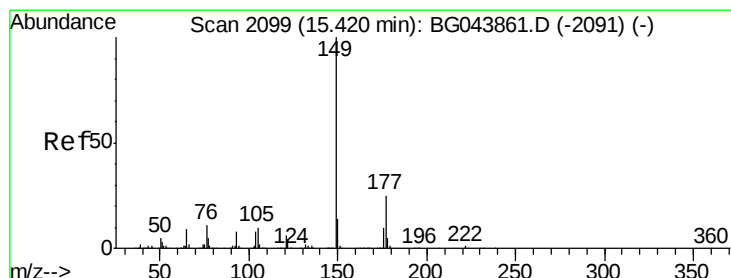
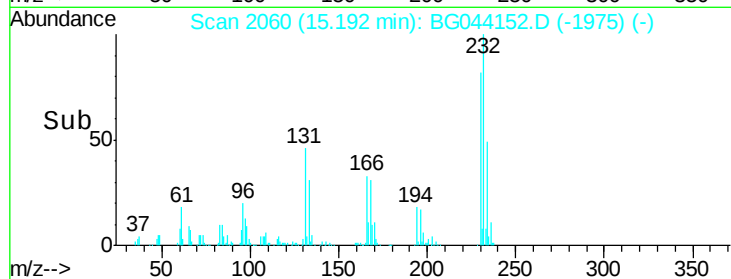
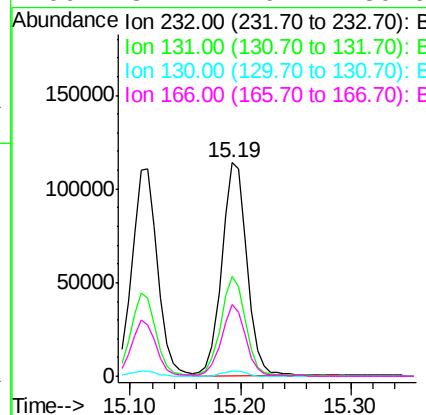
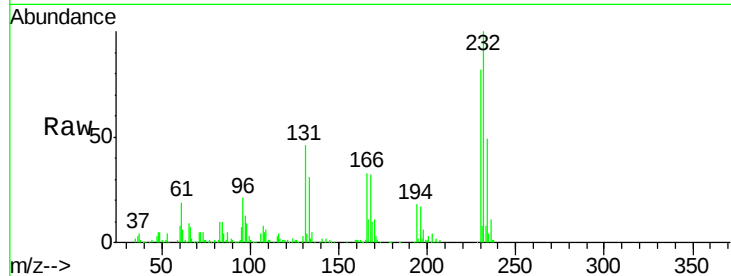
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.412 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	180006		
131	45.3		38.2	57.2
130	2.4		2.2	3.2
166	32.2		26.4	39.6

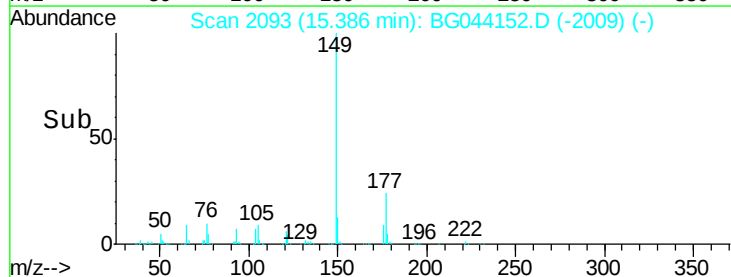
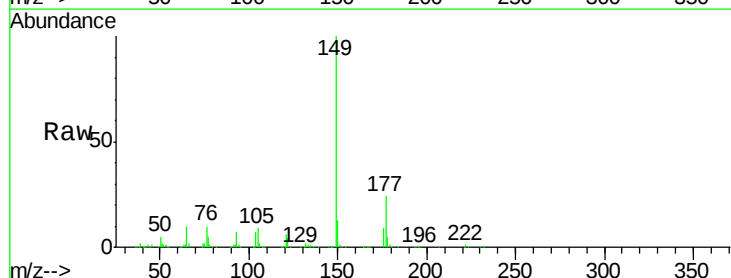
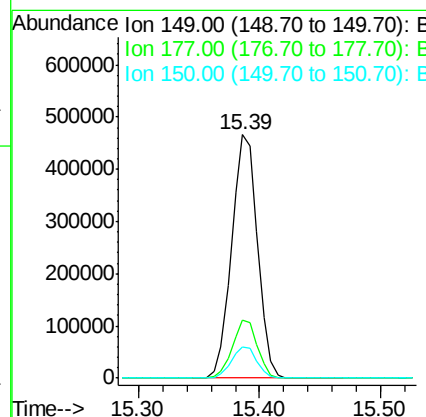
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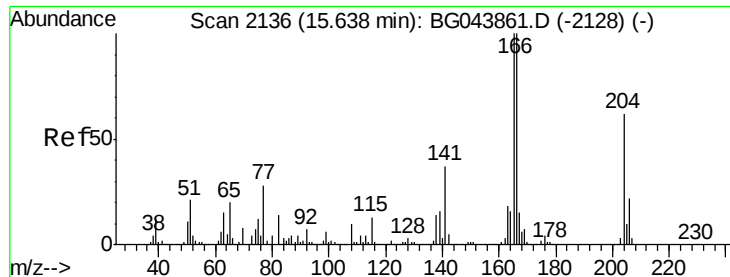
mohammad
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#60
Diethylphthalate
Concen: 41.877 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	689460		
177	23.8		20.0	30.0
150	12.7		11.1	16.7





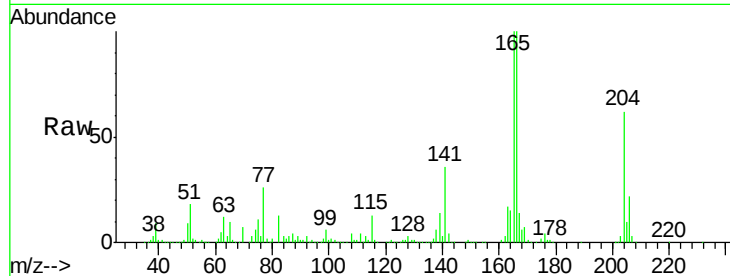
#61
4-Chlorophenyl-phenylether
Concen: 41.275 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.2	42.2
141	57.7	48.2	72.2

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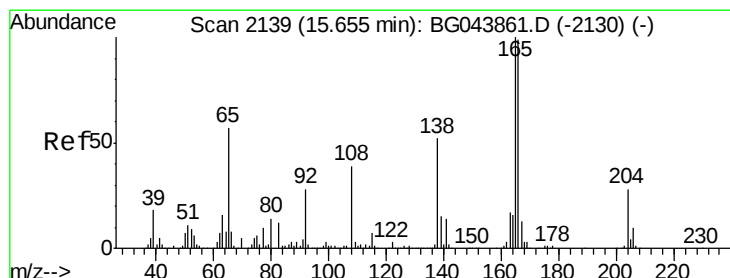
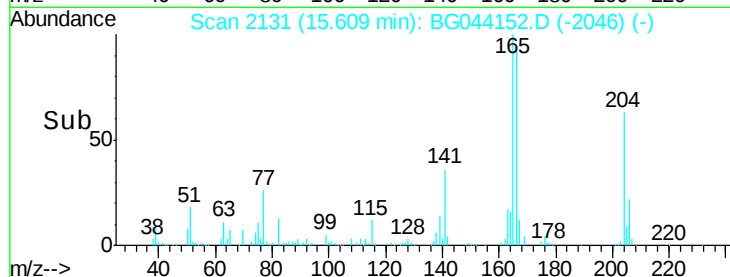
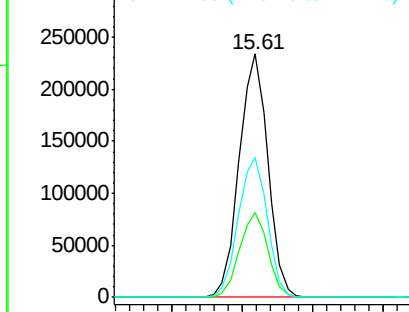


Abundance

Ion 204.00 (203.70 to 204.70): E

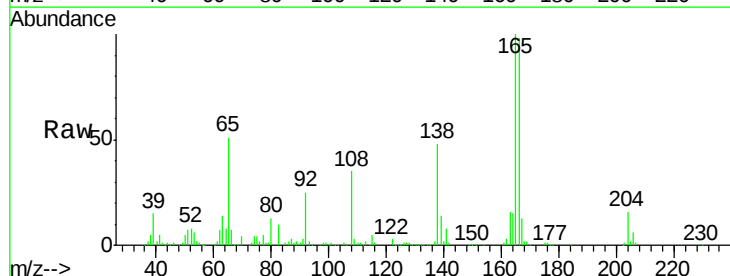
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.789 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	34.3	74.3
108	73.0	55.0	95.0

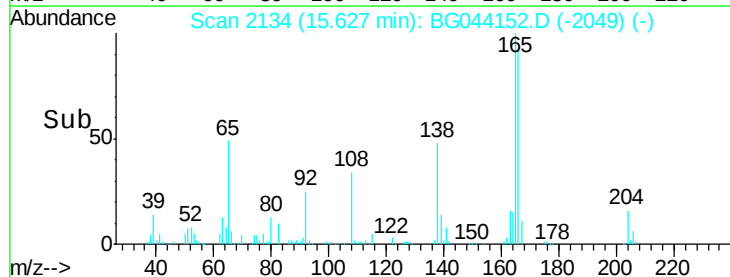
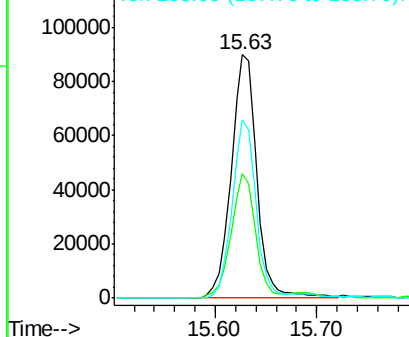


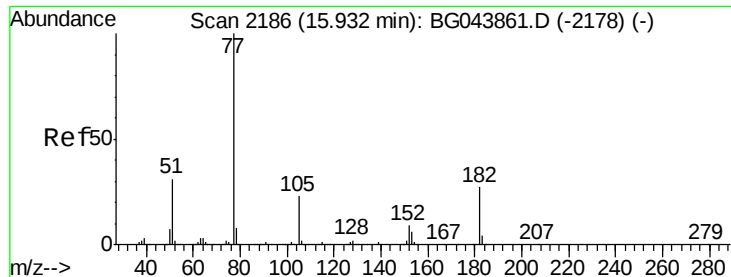
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





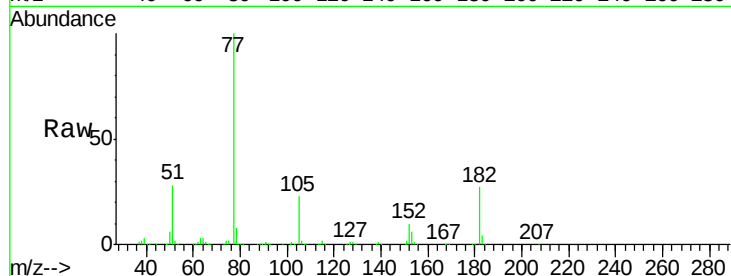
#63
Azobenzene
Concen: 42.883 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

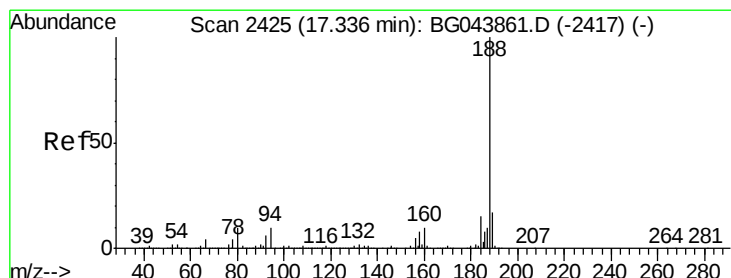
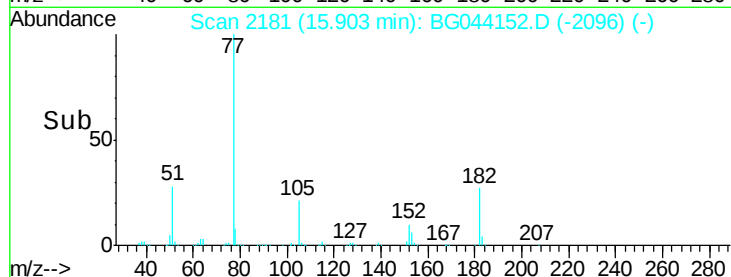
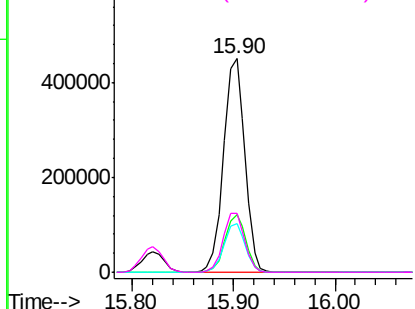
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		654755		
182	27.0	7.3	47.3		
105	23.1	3.2	43.2		
51	27.9	10.6	50.6		

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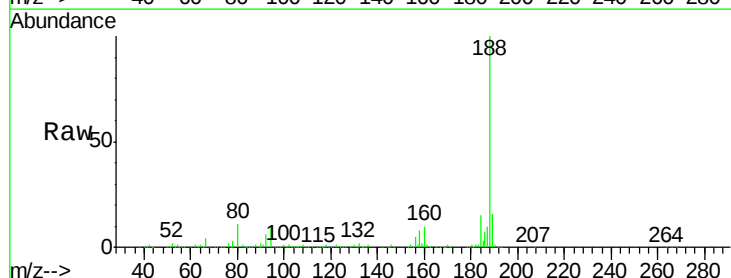


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

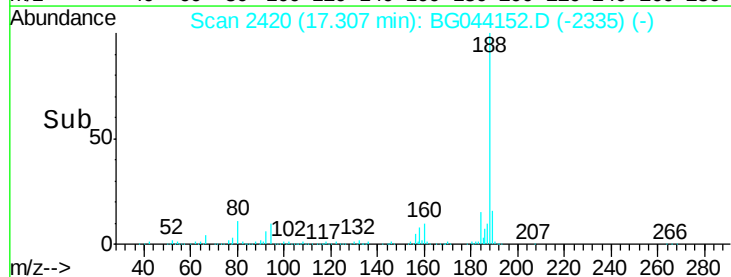
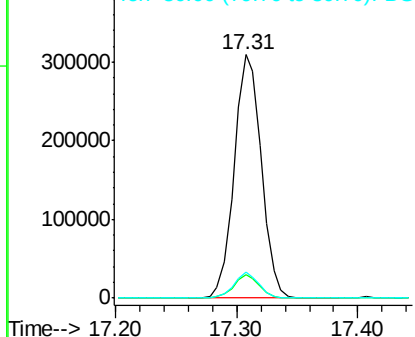


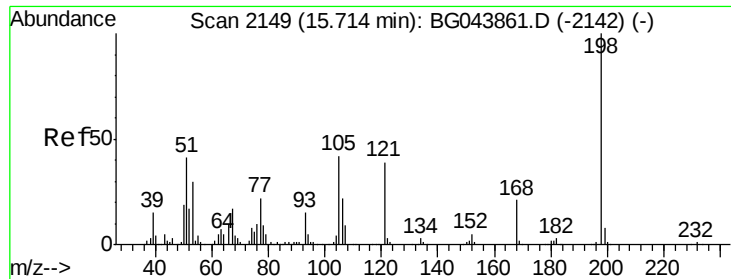
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		482247		
94	9.6	7.9	11.9		
80	10.6	8.2	12.4		



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: 48.923 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

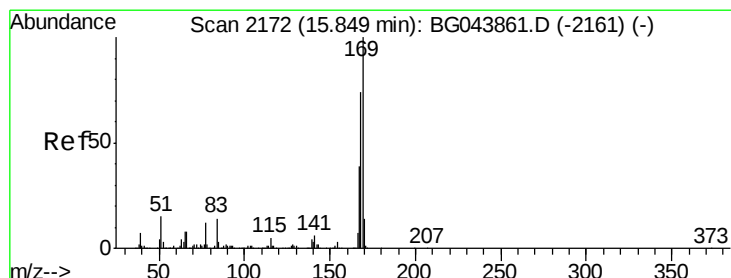
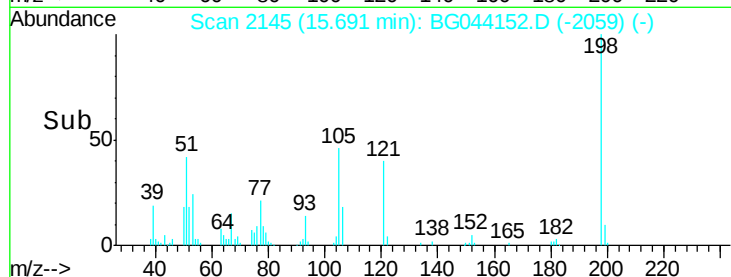
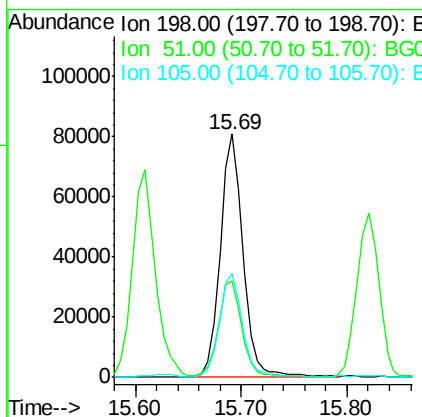
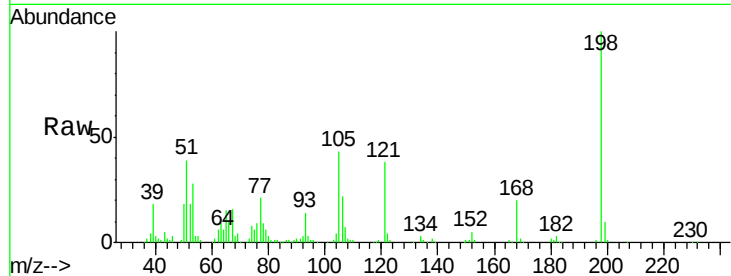
ClientSampleId :

PB126234BS

Tot Ion:	198	Resp:	121787
Ion Ratio	Lower	Upper	
198	100		
51	39.4	22.5	62.5
105	42.7	22.3	62.3

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#66

n-Nitrosodiphenylamine

Concen: 42.087 ng

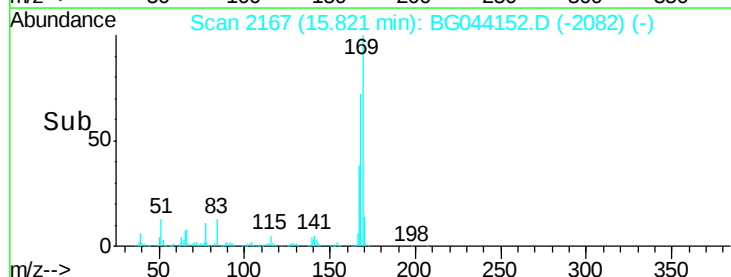
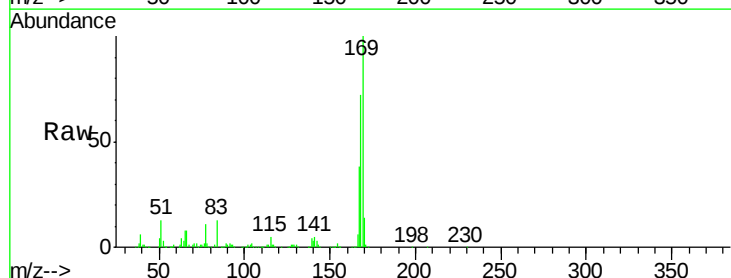
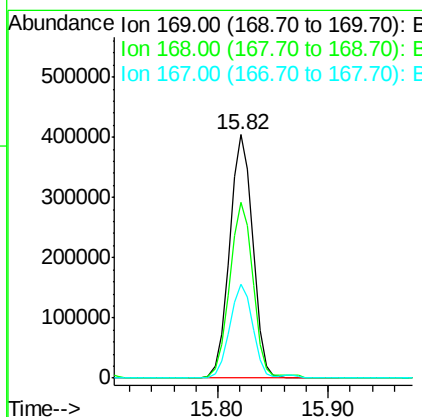
RT: 15.82 min Scan# 2167

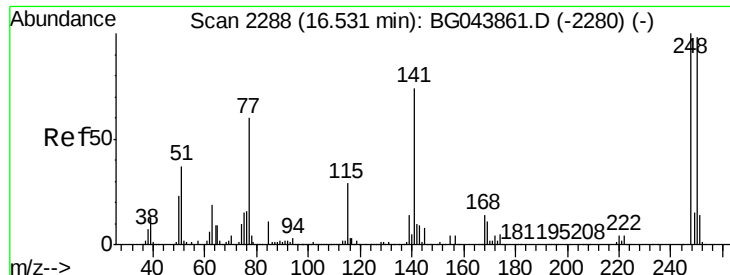
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	169	Resp:	597706
Ion Ratio	Lower	Upper	
169	100		
168	72.3	59.0	88.6
167	38.3	31.4	47.0





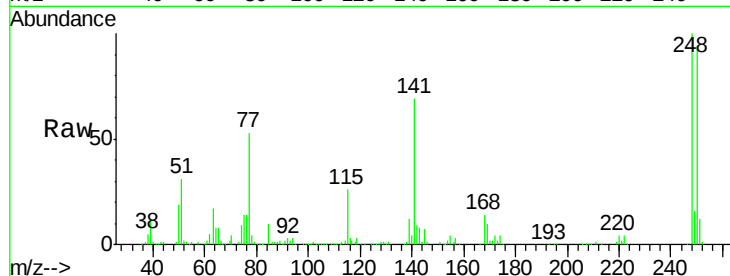
#67
4-Bromophenyl-phenylether
Concen: 39.475 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	78.2	117.2
141	69.4	59.3	88.9

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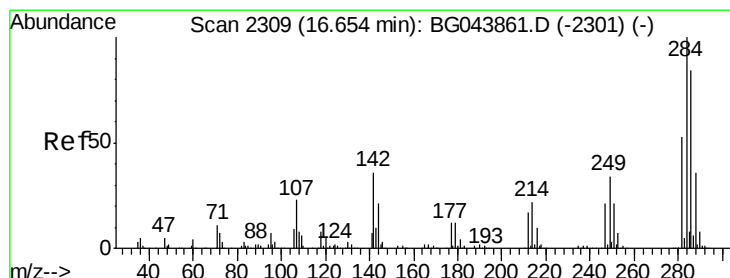
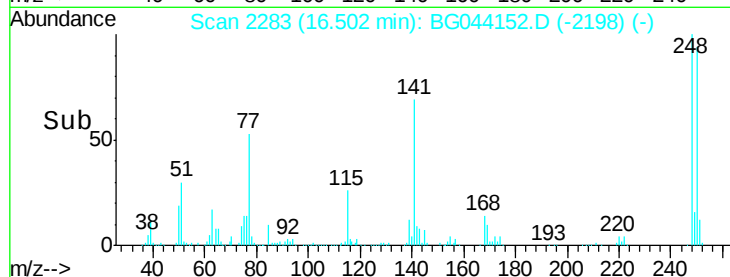
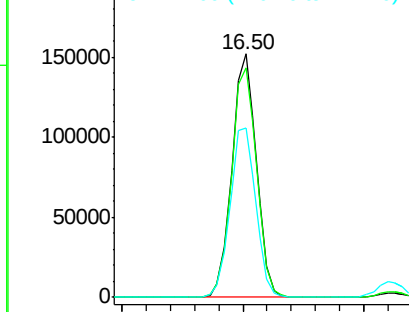


Abundance

Ion 248.00 (247.70 to 248.70): E

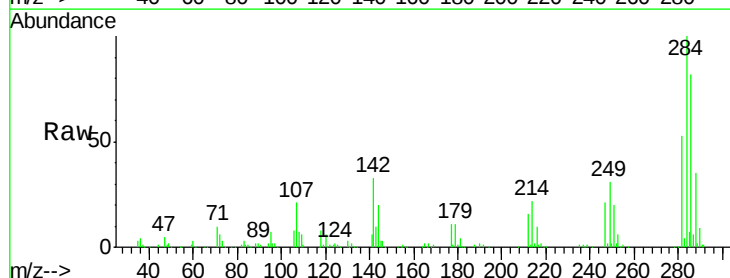
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.716 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	28.6	43.0
249	31.5	27.0	40.6

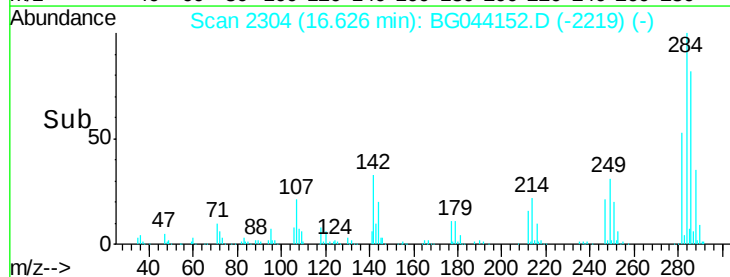
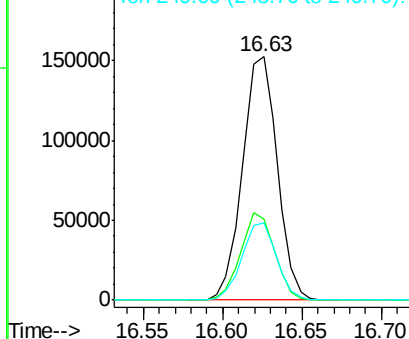


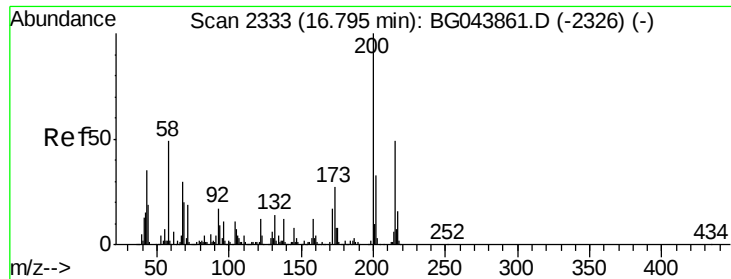
Abundance

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





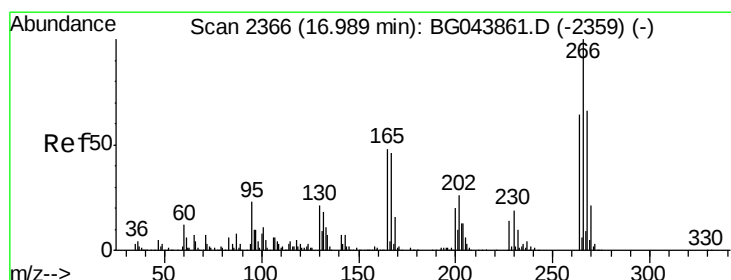
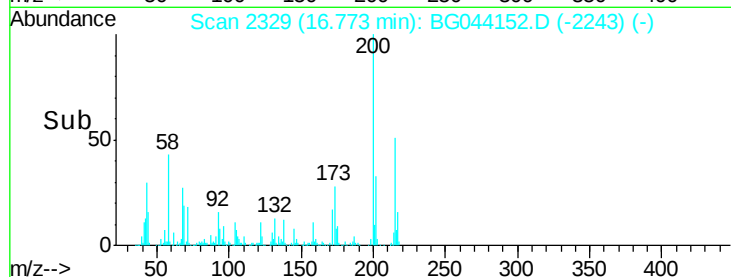
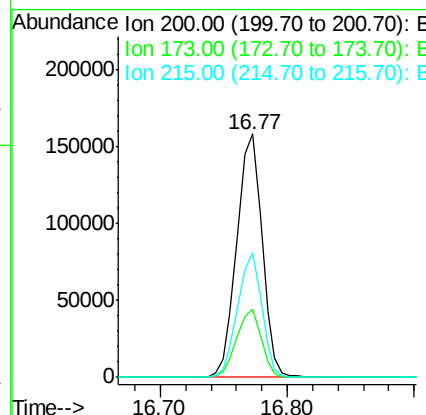
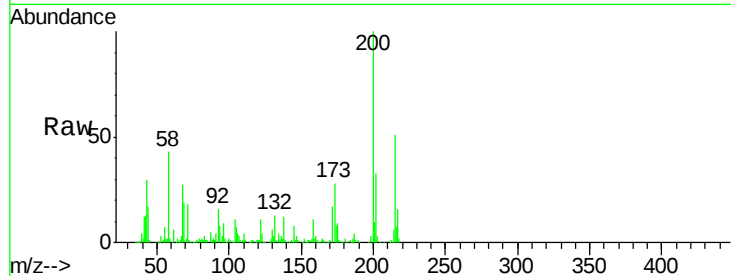
#69
Atrazine
Concen: 47.138 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	217602		
173	27.8	6.6	46.6	
215	51.1	28.6	68.6	

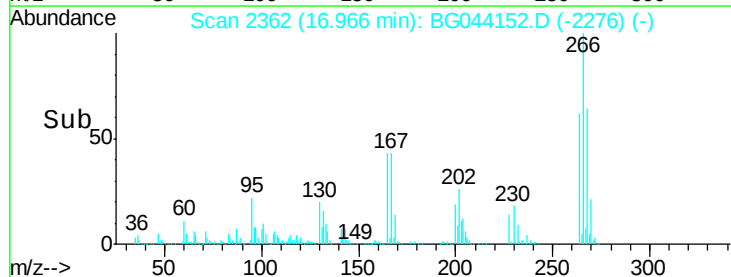
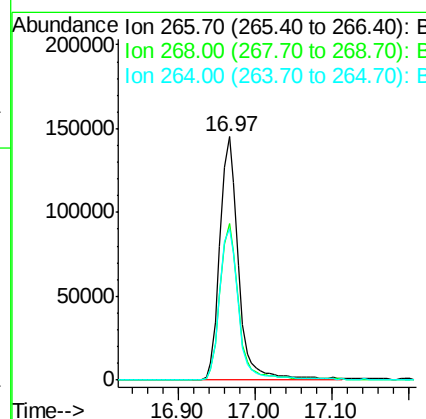
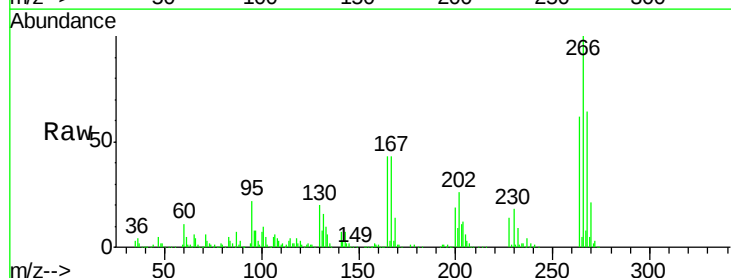
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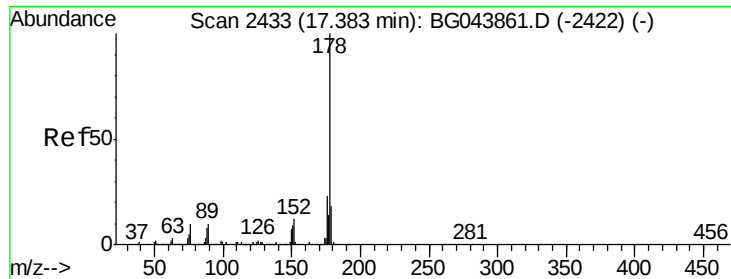
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#70
Pentachlorophenol
Concen: 75.978 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	244776		
268	64.1	52.6	79.0	
264	62.5	50.8	76.2	





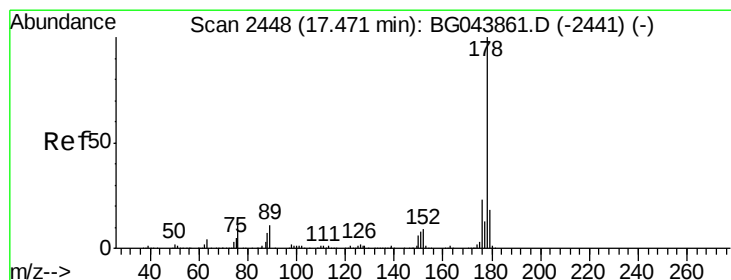
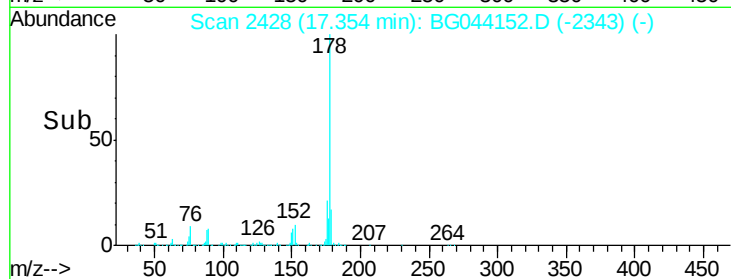
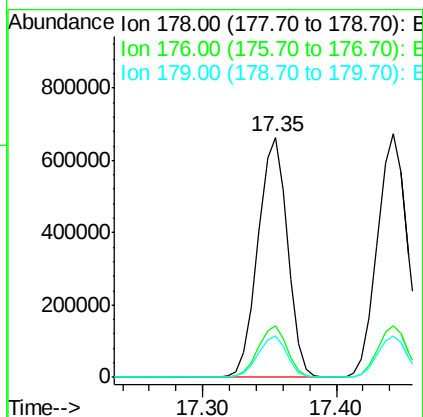
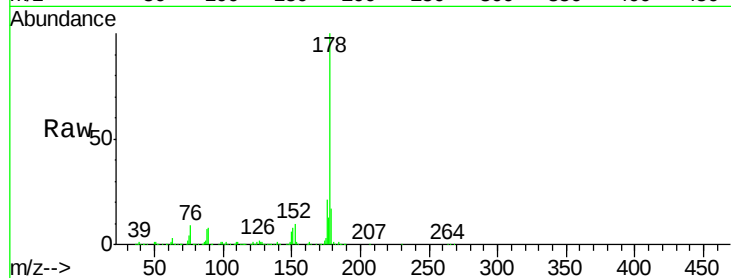
#71
Phenanthrene
Concen: 43.793 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion:178 Resp: 1012981
Ion Ratio Lower Upper
178 100
176 21.4 18.6 28.0
179 17.0 14.4 21.6

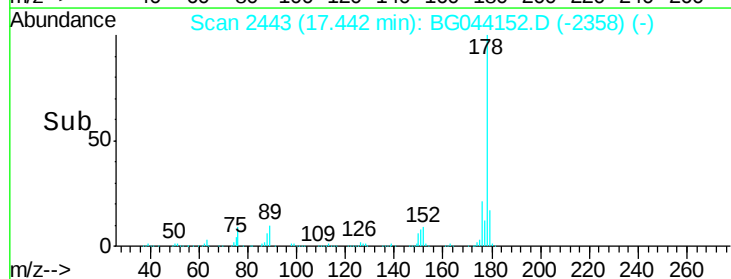
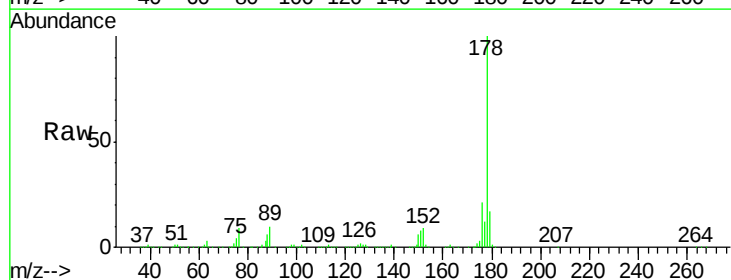
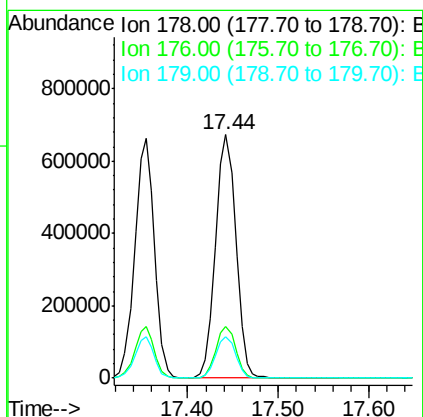
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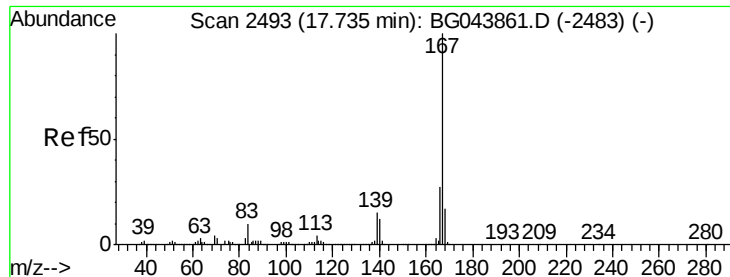
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#72
Anthracene
Concen: 45.812 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:178 Resp: 1047261
Ion Ratio Lower Upper
178 100
176 20.9 18.3 27.5
179 17.0 14.6 22.0





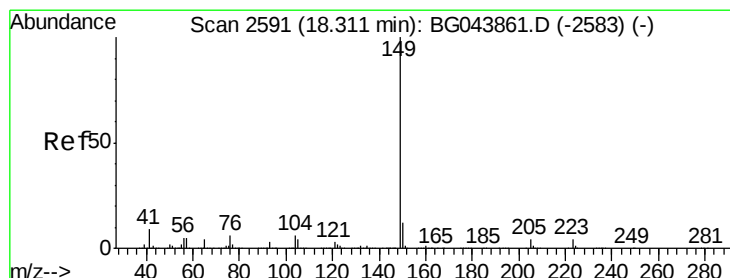
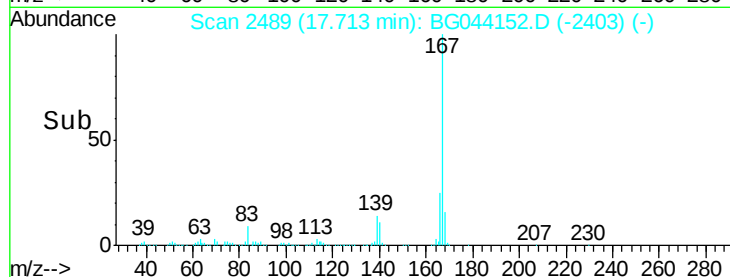
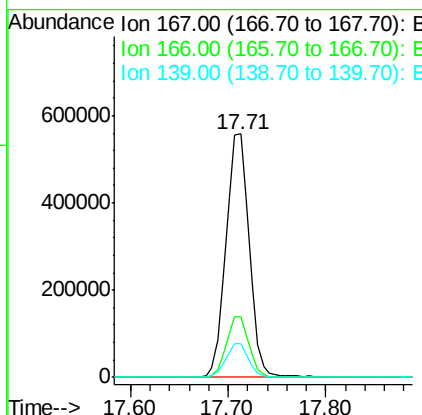
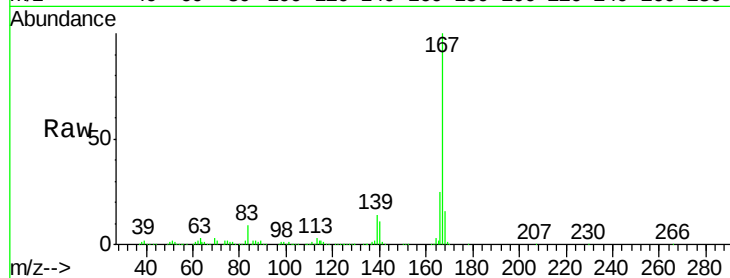
#73
 Carbazole
 Concen: 43.912 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	21.6	32.4
139	13.9	12.1	18.1

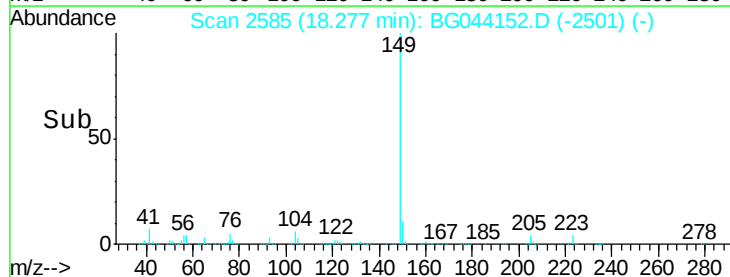
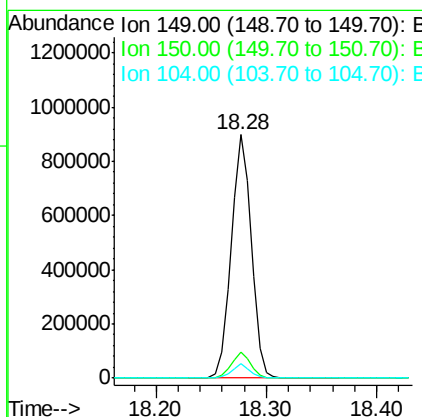
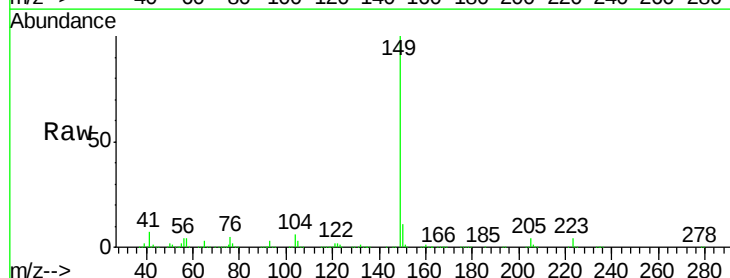
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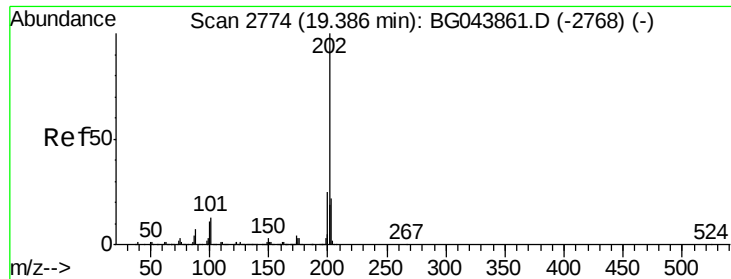
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#74
 Di-n-butylphthalate
 Concen: 42.728 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.7	14.5
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 43.613 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

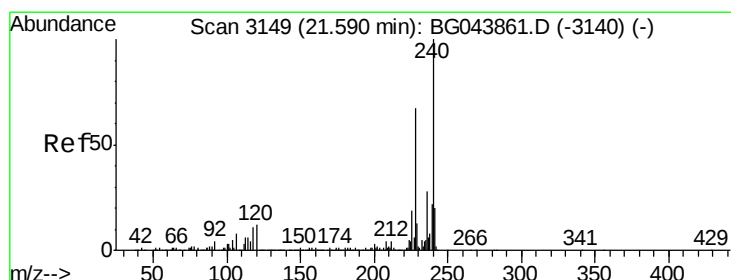
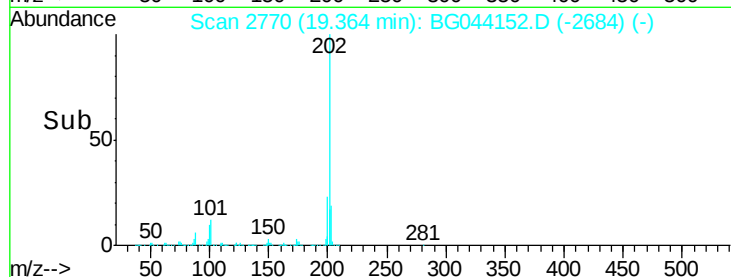
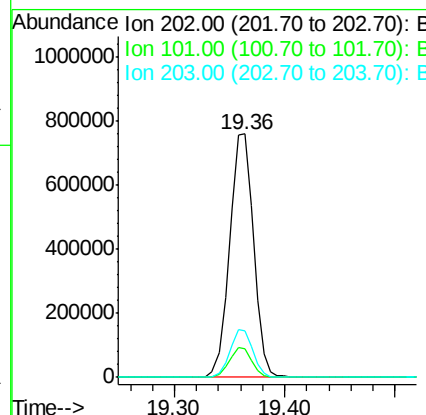
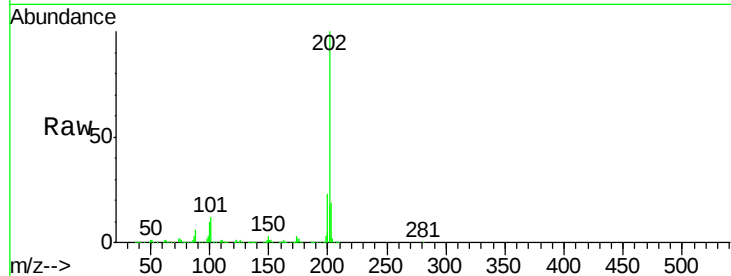
ClientSampleId :

PB126234BS

Tot Ion:	202	Resp:	1153726
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.3
203	19.3	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

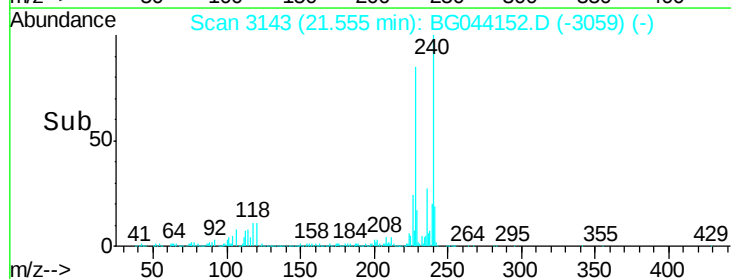
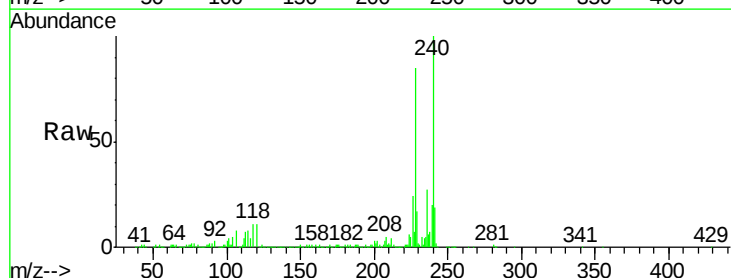
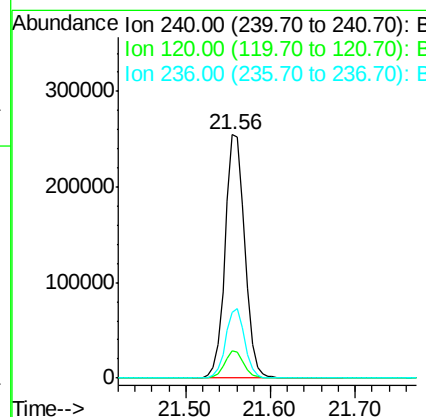
RT: 21.56 min Scan# 3143

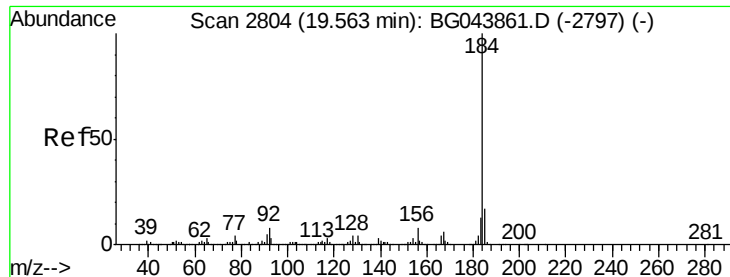
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:	240	Resp:	411856
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	27.1	22.2	33.2





#77

Benzidine

Concen: 47.530 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

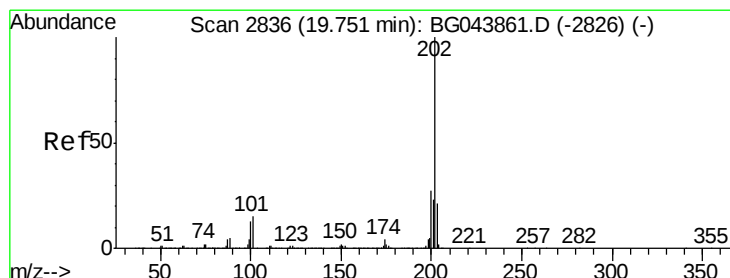
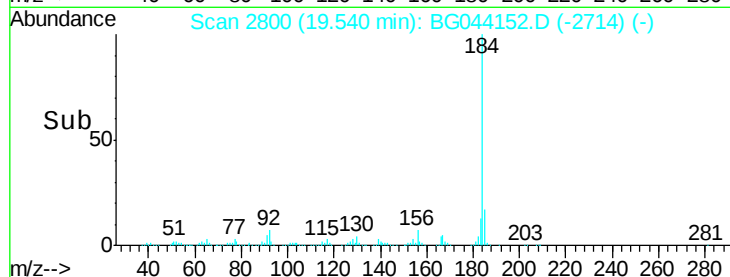
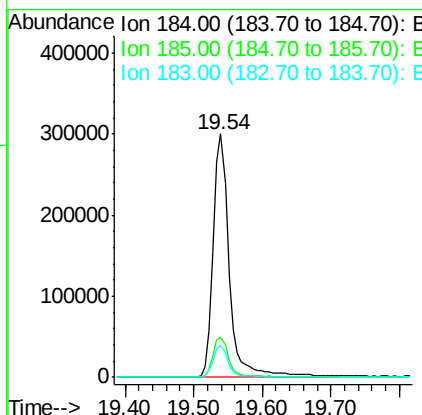
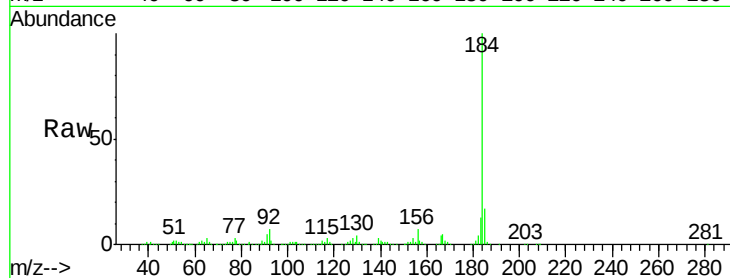
ClientSampleId :

PB126234BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	13.1	10.6	15.8

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#78

Pyrene

Concen: 43.042 ng

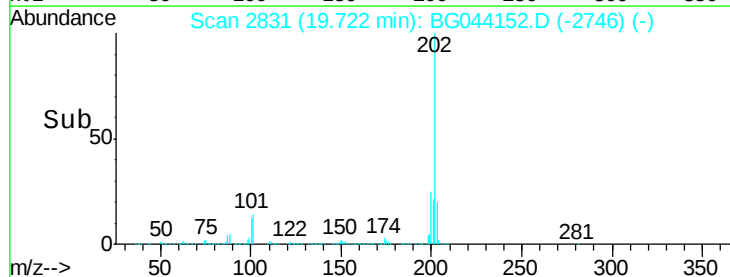
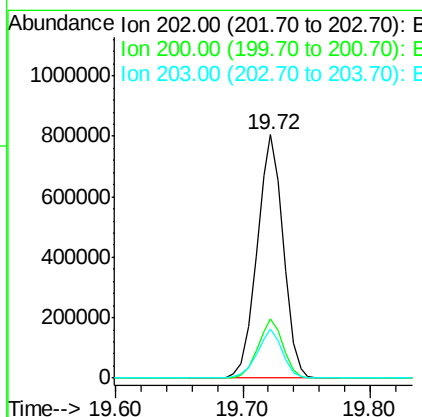
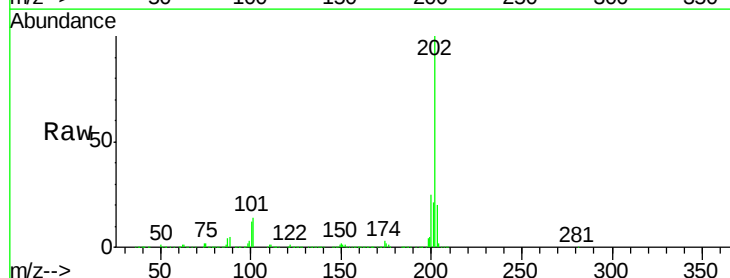
RT: 19.72 min Scan# 2831

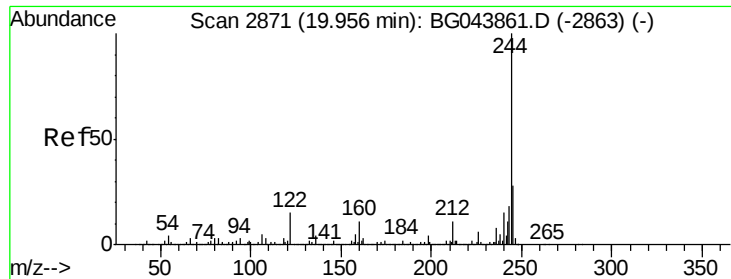
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.5	21.7	32.5
203	20.0	17.0	25.6





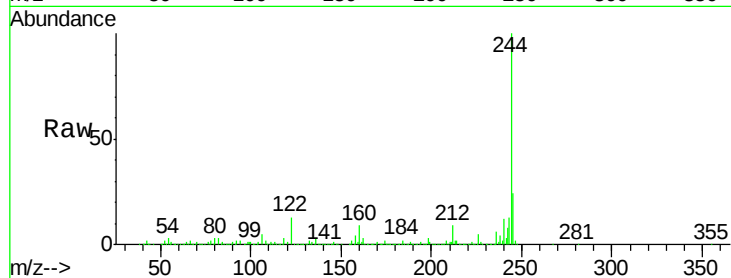
#79
 Terphenyl-d14
 Concen: 85.867 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

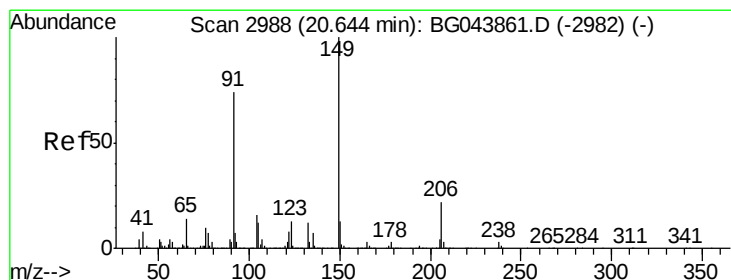
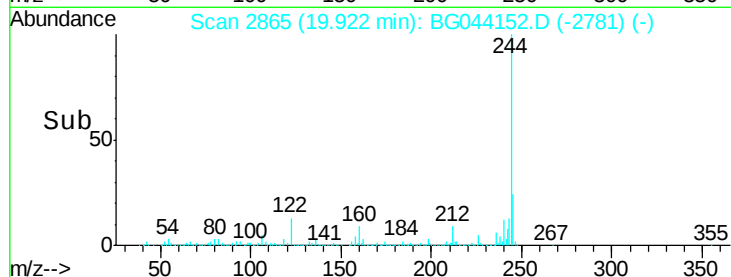
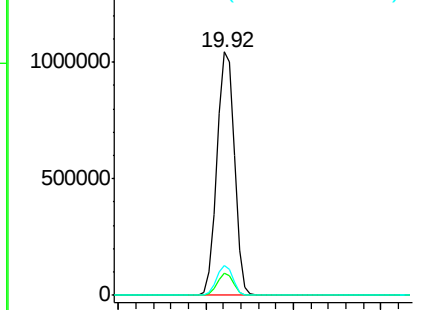
Tot Ion:244 Resp: 1462828
 Ion Ratio Lower Upper
 244 100
 212 8.9 8.6 13.0
 122 12.5 11.9 17.9

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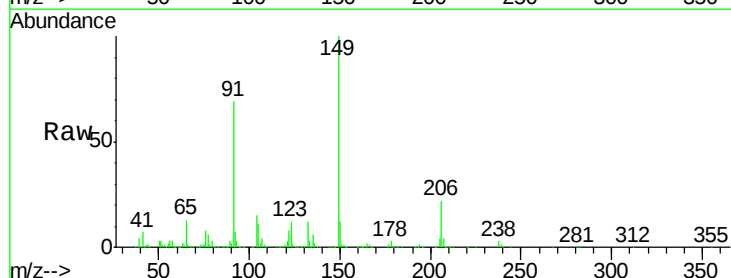


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

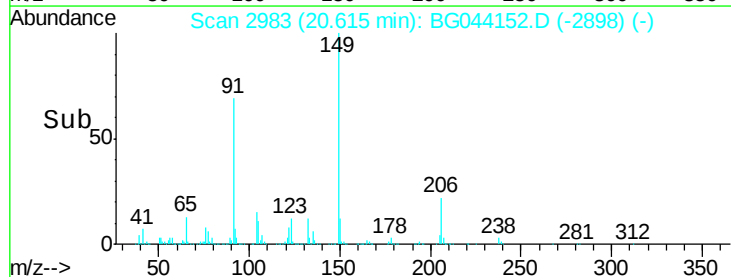
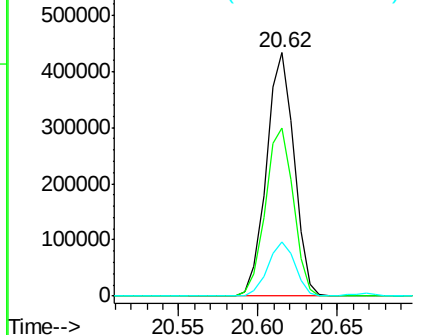


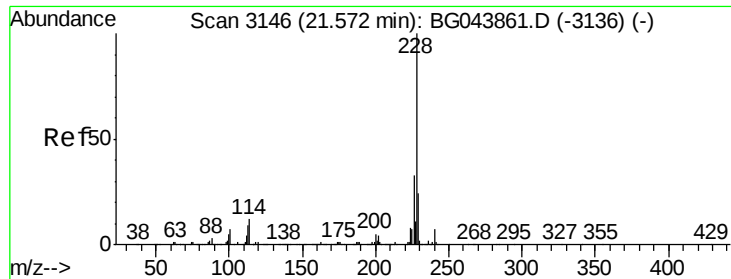
#80
 Butylbenzylphthalate
 Concen: 41.325 ng
 RT: 20.62 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion:149 Resp: 528924
 Ion Ratio Lower Upper
 149 100
 91 68.9 59.5 89.3
 206 22.2 17.8 26.6



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: 43.561 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

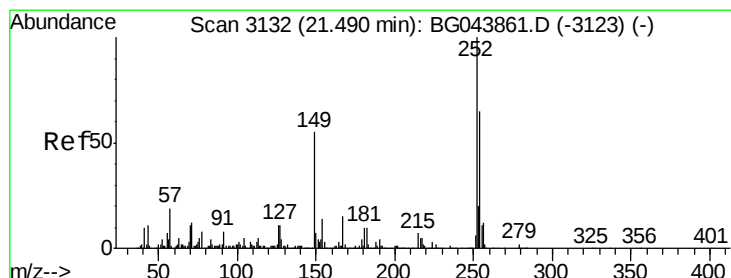
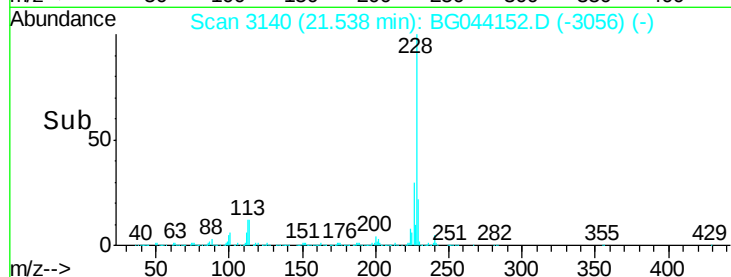
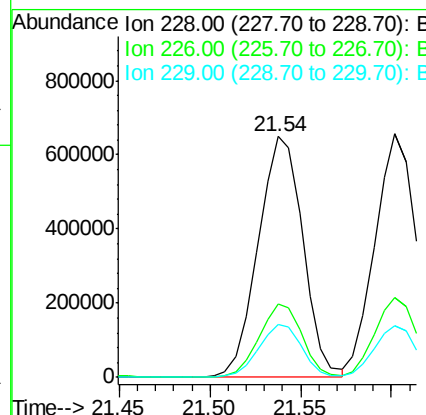
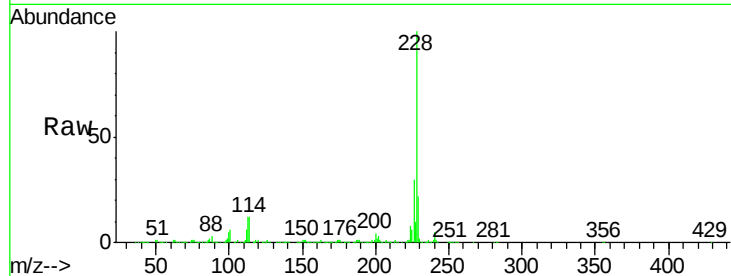
ClientSampleId :

PB126234BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.2	39.4
229	22.2	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 30.987 ng

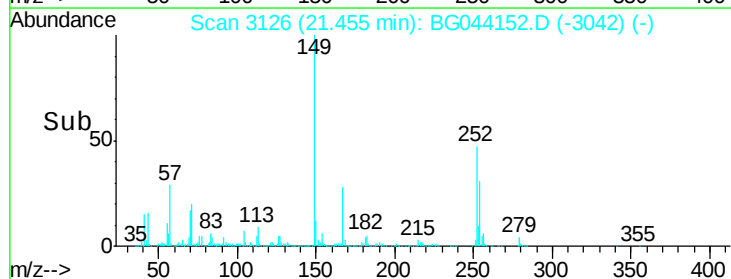
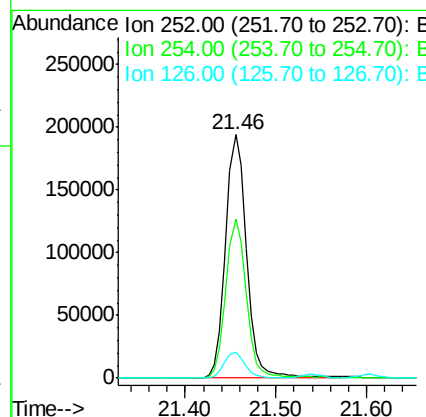
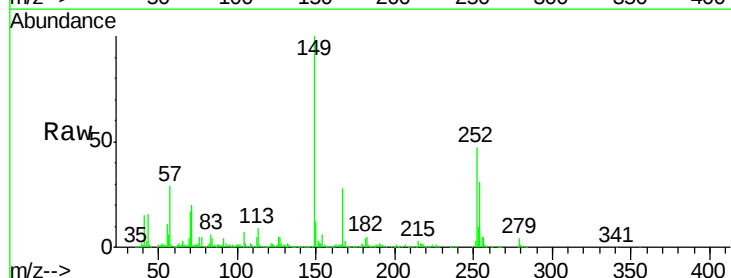
RT: 21.46 min Scan# 3126

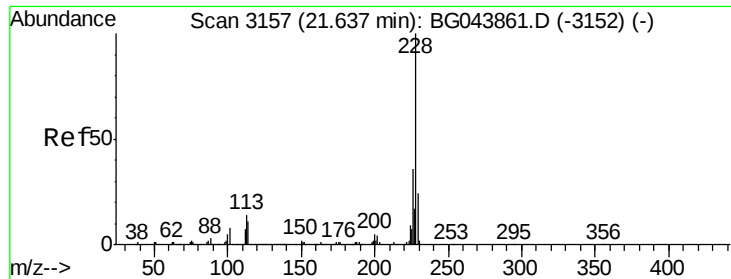
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	10.5	9.1	13.7





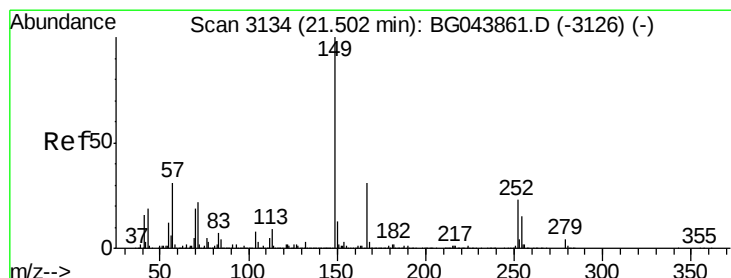
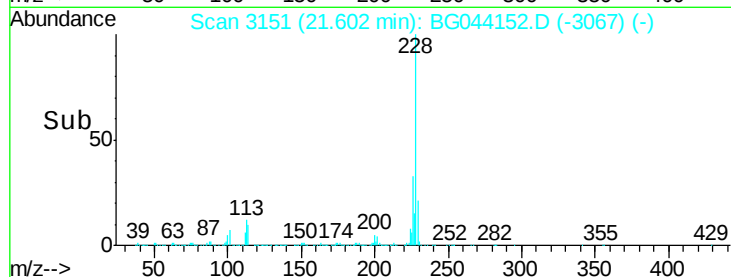
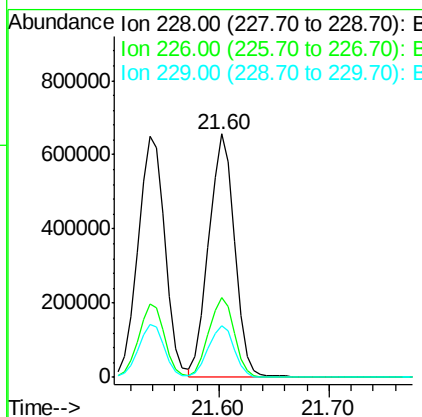
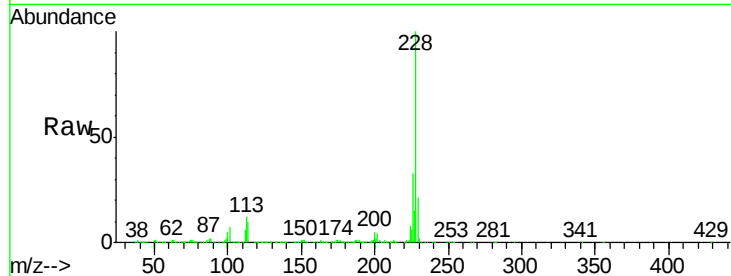
#83
 Chrysene
 Concen: 43.207 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	28.8	43.2
229	21.1	19.0	28.6

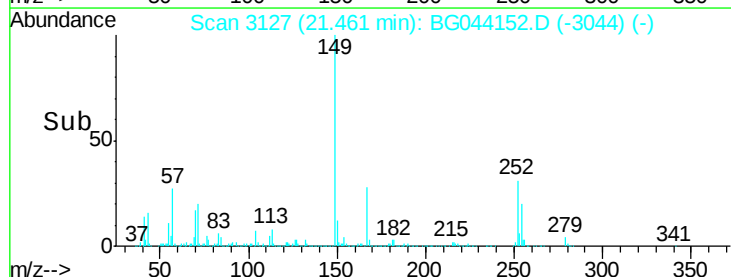
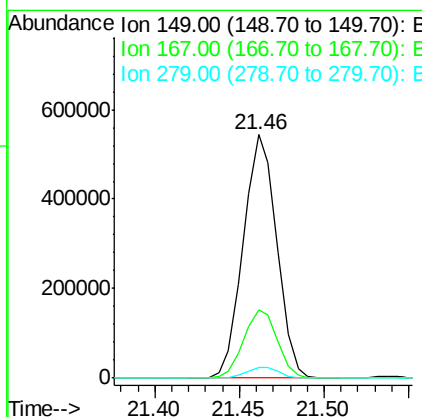
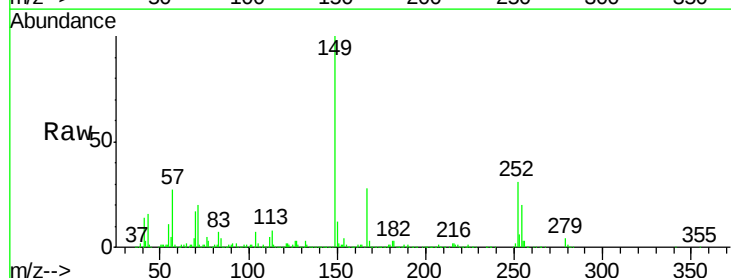
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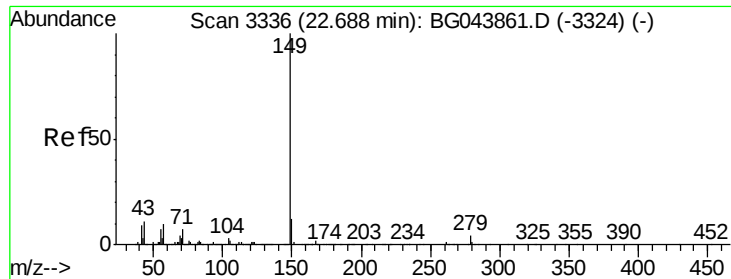
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.517 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.7	37.1
279	4.1	3.3	4.9





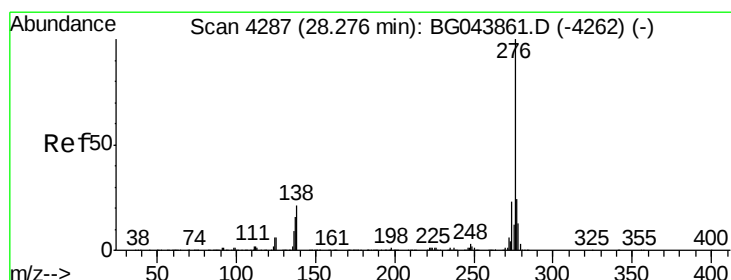
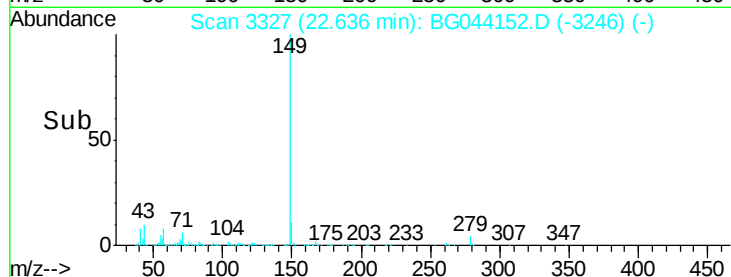
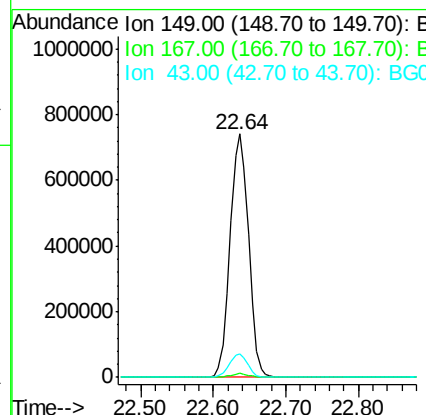
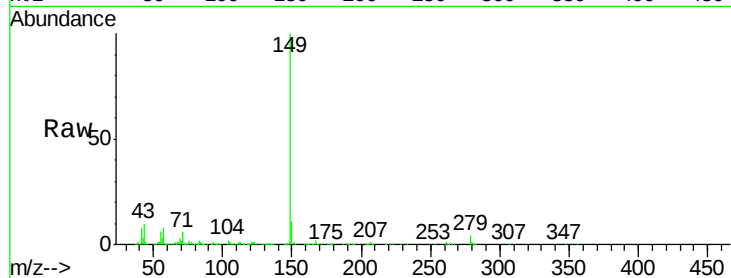
#85
Di-n-octyl phthalate
Concen: 44.080 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.6	8.8	13.2

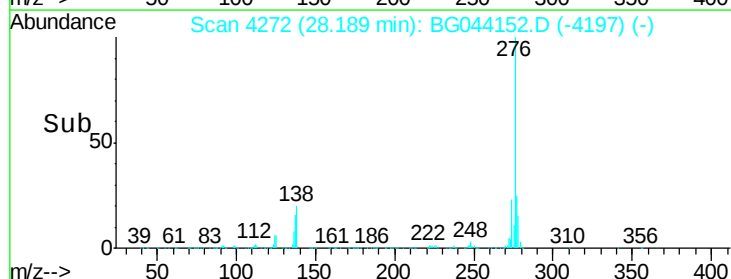
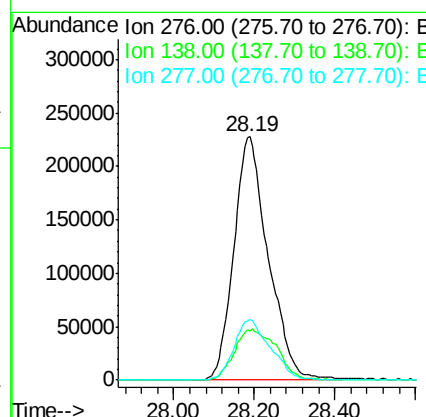
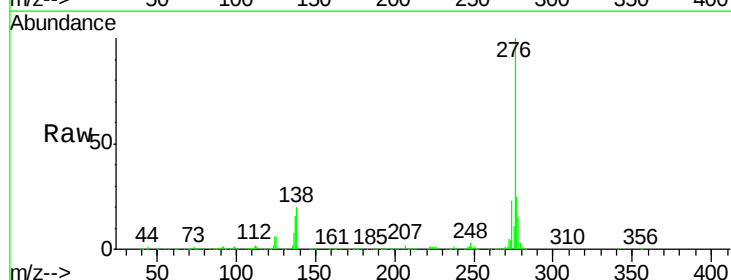
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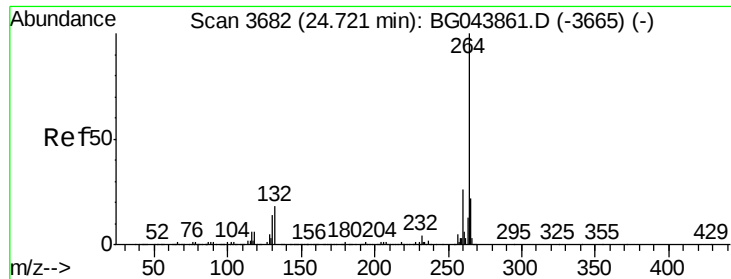
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.962 ng
RT: 28.19 min Scan# 4272
Delta R.T. -0.09 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.0	31.4
277	26.3	21.1	31.7





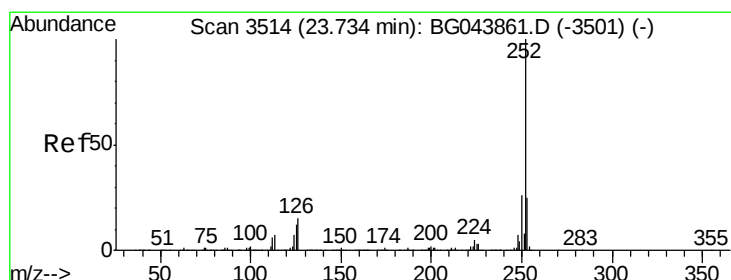
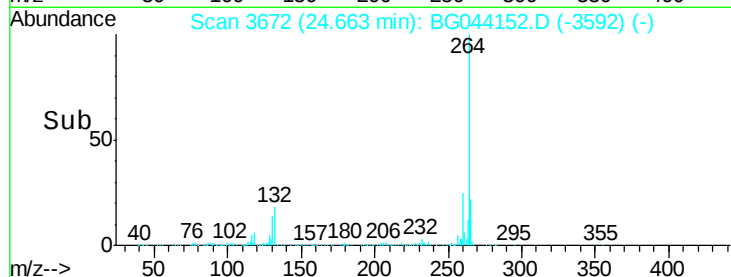
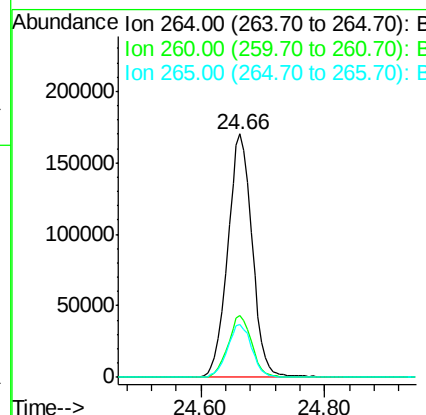
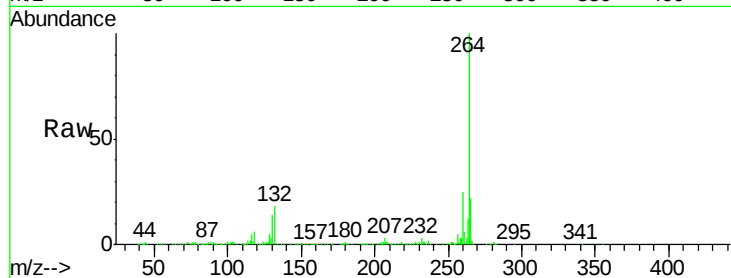
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.7	17.4	26.2

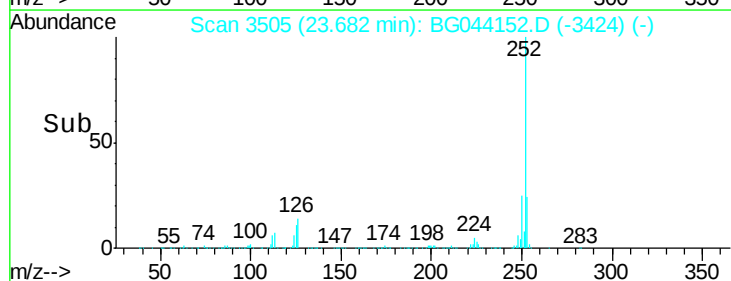
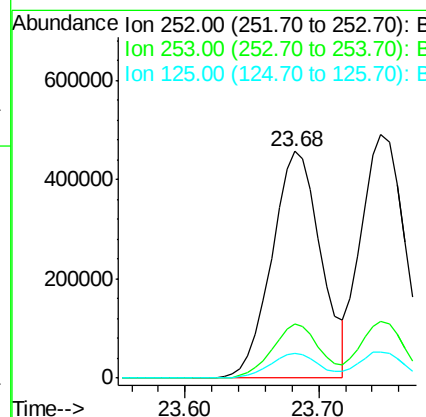
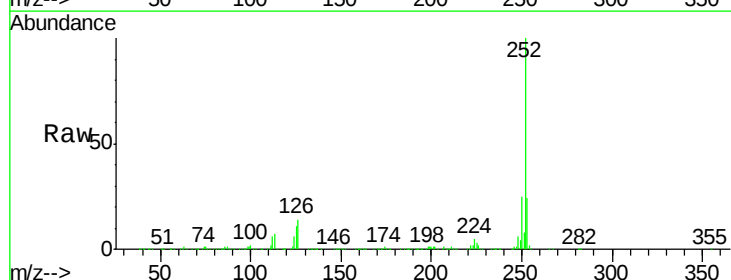
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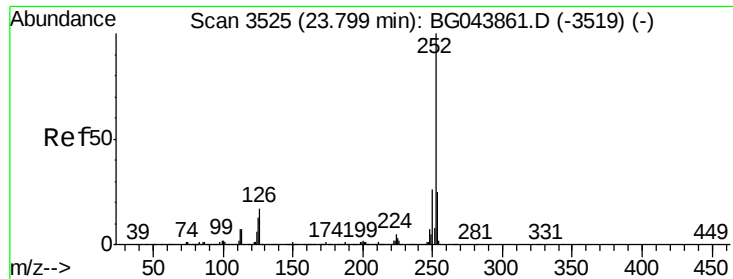
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.434 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	11.0	9.4	14.2





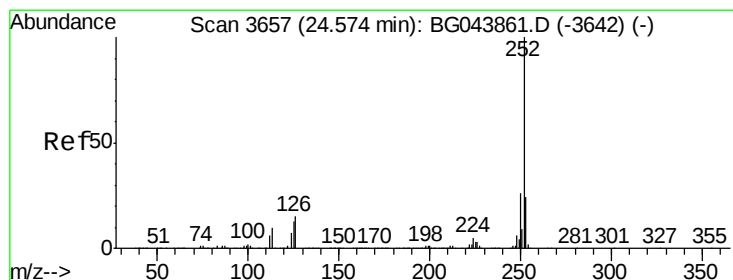
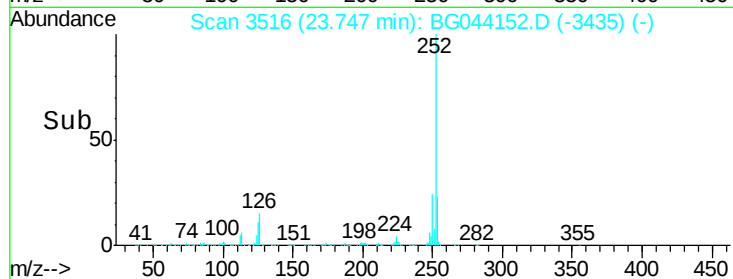
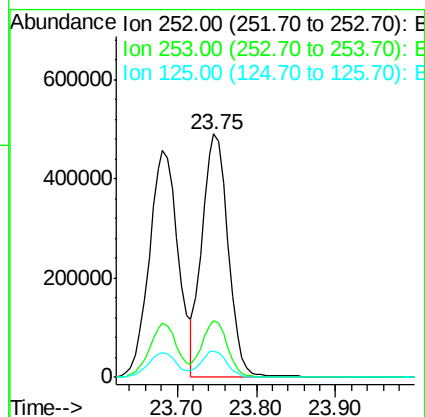
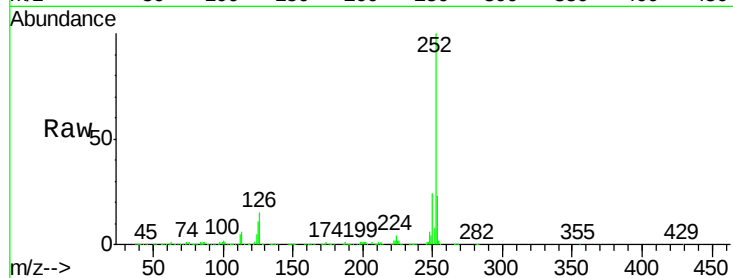
#89
Benzo(k)fluoranthene
Concen: 42.804 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	10.8	9.9	14.9

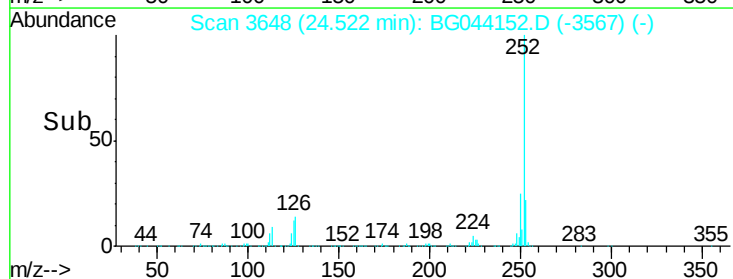
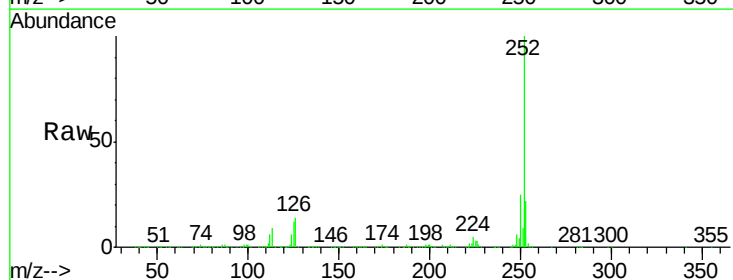
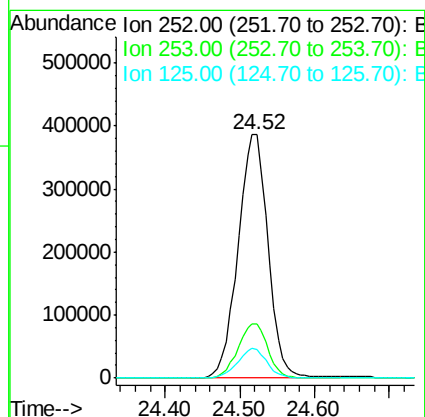
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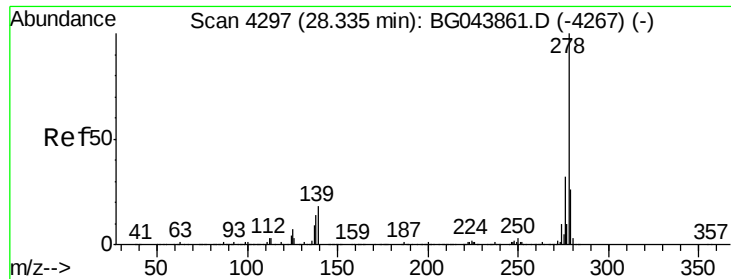
mohammad
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#90
Benzo(a)pyrene
Concen: 41.392 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.3	28.9
125	11.5	10.4	15.6





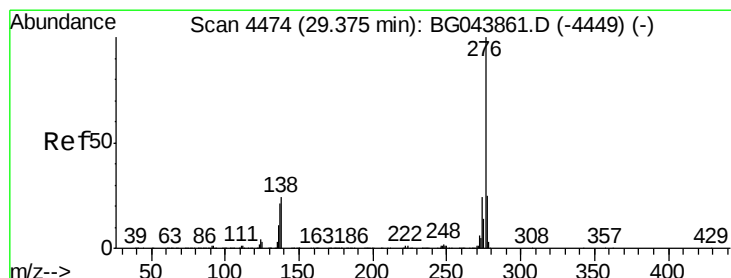
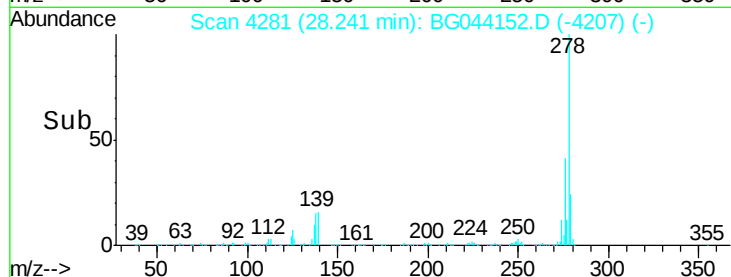
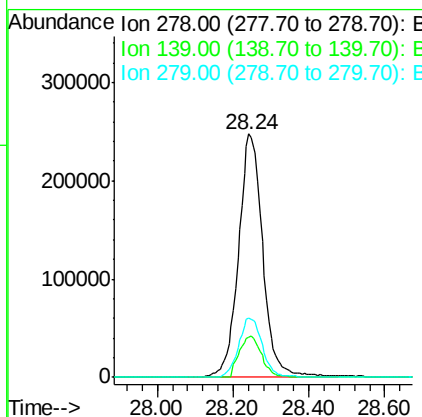
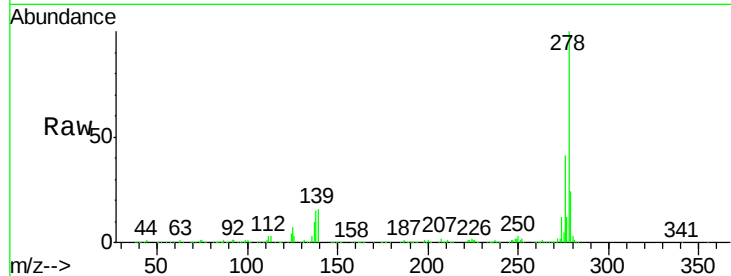
#91
Dibenzo(a,h)anthracene
Concen: 42.421 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.09 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :
PB126234BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.2	14.2	21.4	
279	24.2	20.6	30.8	

Manual Integrations
APPROVED

mohammad
1/23/2020 7:58:33 AM



#92
Benzo(g,h,i)perylene
Concen: 43.682 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.09 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	20.2	30.4	
138	21.7	19.0	28.6	

