

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044103.D
 Acq On : 20 Jan 2020 18:22
 Operator : JU
 Sample : PB126194BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Manual Integrations
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 1/21/2020 2:25:26 PM

Quant Time: Jan 21 06:37:25 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	78322	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	338903	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	228842	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	498144	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	420013	20.00	ng	-0.03
87) Perylene-d12	24.67	264	483732	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	637879	149.54	ng	-0.03
7) Phenol-d6	7.11	99	858940	144.06	ng	-0.02
23) Nitrobenzene-d5	9.09	82	449349	70.93	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	335921	140.27	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1035841	82.01	ng	-0.03
79) Terphenyl-d14	19.93	244	1498321	86.38	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	95852	51.536 ng	97
3) Pyridine	3.79	79	193498	35.217 ng	93
4) n-Nitrosodimethylamine	3.70	42	99498	40.674 ng	99
6) Aniline	7.25	93	261756	33.423 ng	98
8) 2-Chlorophenol	7.50	128	247892	49.502 ng	97
9) Benzaldehyde	7.06	77	121949	31.956 ng	96
10) Phenol	7.13	94	305512	49.731 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	223040	42.060 ng	100
12) 1,3-Dichlorobenzene	7.82	146	247399	42.218 ng	97
13) 1,4-Dichlorobenzene	7.97	146	250140	43.262 ng	97
14) 1,2-Dichlorobenzene	8.29	146	237495	42.793 ng	99
15) Benzyl Alcohol	8.17	79	208356	44.276 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	301904	36.799 ng	98
17) 2-Methylphenol	8.38	107	218986	49.258 ng	98
18) Hexachloroethane	9.02	117	92800	41.247 ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	180267	40.597 ng	# 97
20) 3+4-Methylphenols	8.71	107	300761	48.495 ng	97
22) Acetophenone	8.75	105	336415	39.929 ng	# 98
24) Nitrobenzene	9.13	77	258253	41.159 ng	97
25) Isophorone	9.66	82	499604	42.035 ng	100
26) 2-Nitrophenol	9.84	139	140478	47.322 ng	99
27) 2,4-Dimethylphenol	9.91	122	244790	54.781 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	318952	40.253 ng	99
29) 2,4-Dichlorophenol	10.38	162	252240	47.323 ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	244661	40.937 ng	98
31) Naphthalene	10.78	128	729833	44.502 ng	99
32) Benzoic acid	10.06	122	118534	34.586 ng	97
33) 4-Chloroaniline	10.89	127	177088	22.639 ng	98
34) Hexachlorobutadiene	11.08	225	139414	38.206 ng	98
35) Caprolactam	11.65	113	93540m	47.141 ng	
36) 4-Chloro-3-methylphenol	12.02	107	273049	48.120 ng	98
37) 2-Methylnaphthalene	12.39	142	556766	45.093 ng	97
38) 1-Methylnaphthalene	12.61	142	530304	45.317 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263015	39.213 ng	99

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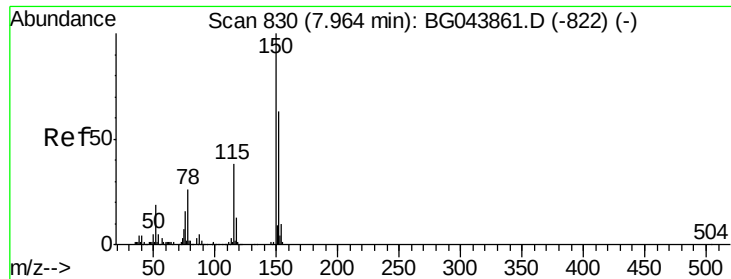
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Quant Time: Jan 21 06:37:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	353540	101.669	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	203834	44.166	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	218547	45.913	ng	99
46) 1,1'-Biphenyl	13.40	154	709131	43.220	ng	98
47) 2-Chloronaphthalene	13.45	162	551488	41.596	ng	98
48) 2-Nitroaniline	13.64	65	168729	39.563	ng	98
49) Acenaphthylene	14.29	152	886899	46.541	ng	97
50) Dimethylphthalate	14.03	163	711015	43.758	ng	98
51) 2,6-Dinitrotoluene	14.14	165	163431	44.500	ng	92
52) Acenaphthene	14.63	154	556627	41.652	ng	98
53) 3-Nitroaniline	14.47	138	119175	28.575	ng	93
54) 2,4-Dinitrophenol	14.67	184	180059	95.124	ng	98
55) Dibenzofuran	14.97	168	847769	46.082	ng	98
56) 4-Nitrophenol	14.79	139	303066	94.830	ng	95
57) 2,4-Dinitrotoluene	14.93	165	226935	45.412	ng	99
58) Fluorene	15.62	166	672102	46.093	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	189233	46.232	ng	97
60) Diethylphthalate	15.39	149	727446	44.761	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	347042	43.831	ng	97
62) 4-Nitroaniline	15.63	138	166982	40.545	ng	97
63) Azobenzene	15.90	77	672213	44.600	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	131641	50.990	ng	97
66) n-Nitrosodiphenylamine	15.82	169	632571	43.121	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	225002	40.160	ng	99
68) Hexachlorobenzene	16.63	284	242771	40.214	ng	94
69) Atrazine	16.77	200	231494	48.547	ng	99
70) Pentachlorophenol	16.97	266	261800	78.669	ng	99
71) Phenanthrene	17.35	178	1071202	44.832	ng	98
72) Anthracene	17.45	178	1096512	46.436	ng	97
73) Carbazole	17.71	167	975130	44.705	ng	96
74) Di-n-butylphthalate	18.28	149	1206748	43.332	ng	97
75) Fluoranthene	19.36	202	1221751	44.711	ng	96
77) Benzidine	19.54	184	512228	48.519	ng	98
78) Pyrene	19.73	202	1225671	44.707	ng	96
80) Butylbenzylphthalate	20.62	149	561517	43.020	ng	93
81) Benzo(a)anthracene	21.54	228	1166108	44.775	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	328355	31.912	ng	99
83) Chrysene	21.61	228	1112360	44.950	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	792345	43.995	ng	98
85) Di-n-octyl phthalate	22.64	149	1383021	45.678	ng	96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1427502	42.446	ng	99
88) Benzo(b)fluoranthene	23.69	252	1221763	42.723	ng	97
89) Benzo(k)fluoranthene	23.76	252	1182610	43.488	ng	98
90) Benzo(a)pyrene	24.53	252	1133020	41.978	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1180361	43.545	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1197630	44.480	ng	97

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



#1

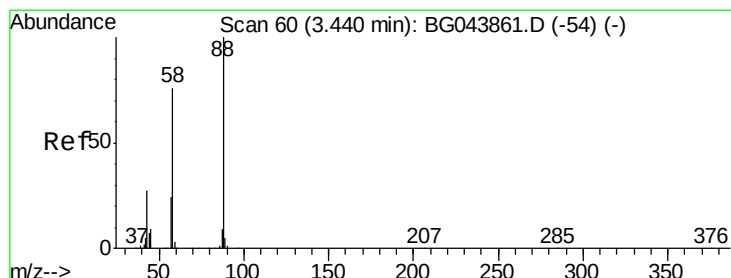
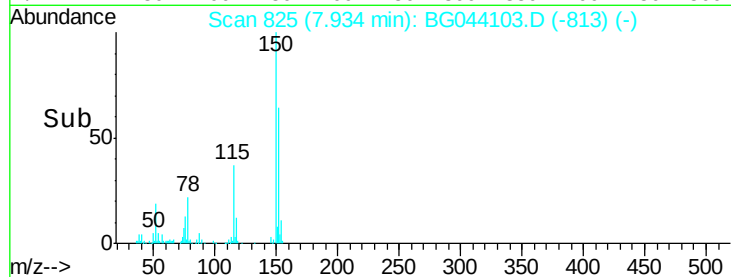
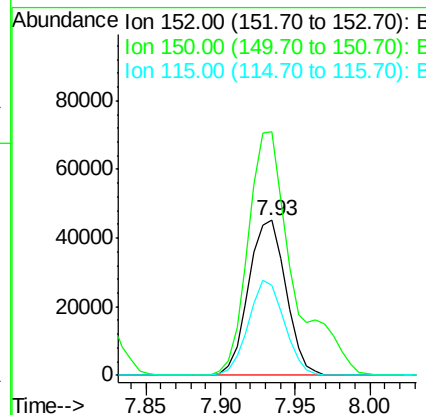
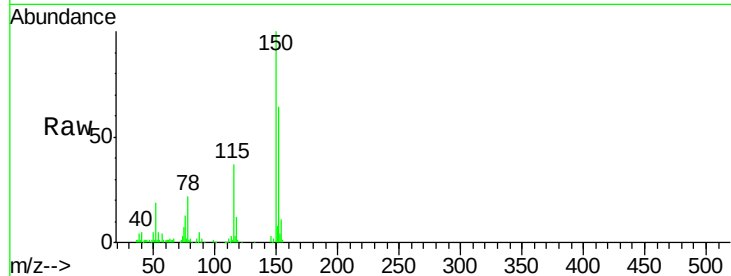
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.0	190.4
115	57.8	47.8	71.8

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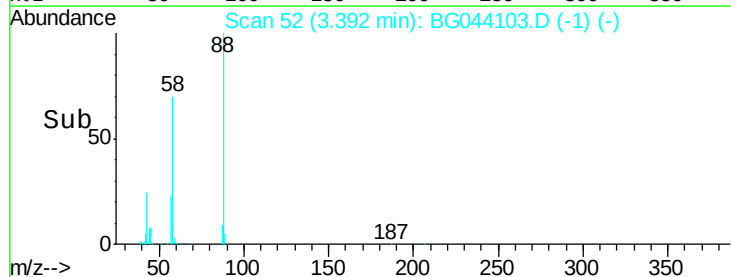
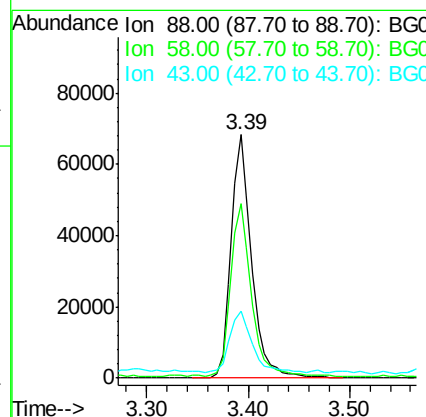
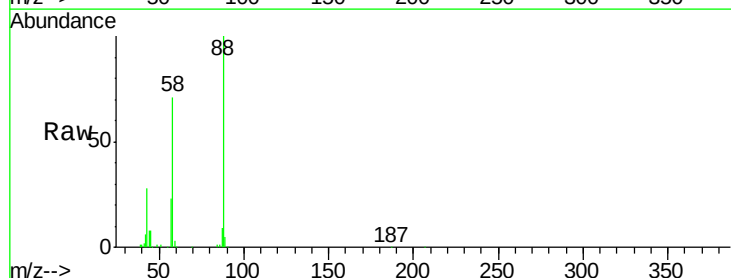
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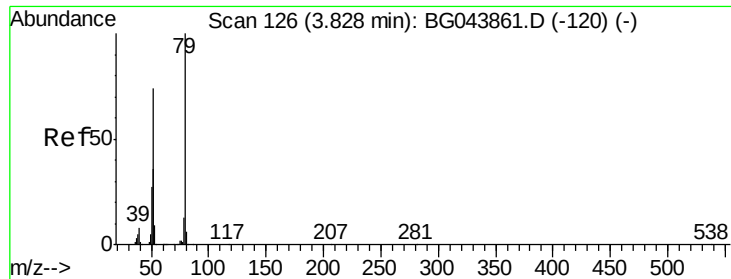


#2

1,4-Dioxane
Concen: 51.536 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	59.8	89.8
43	28.1	22.9	34.3





#3

Pvridine

Concen: 35.217 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

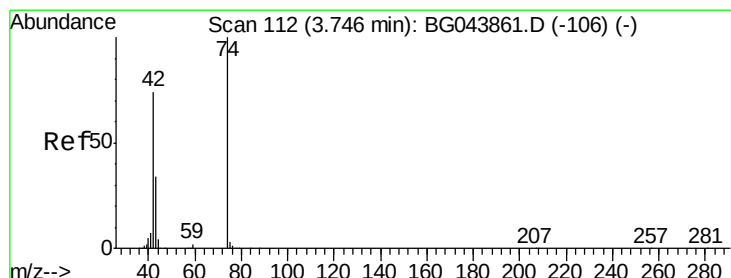
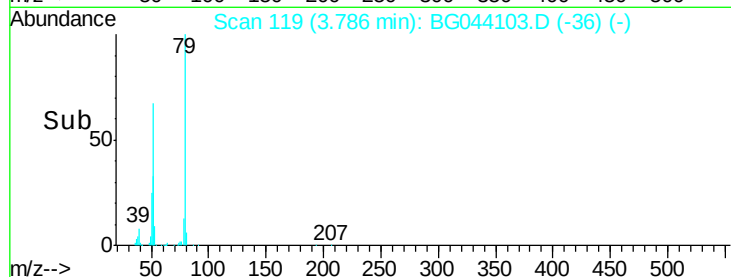
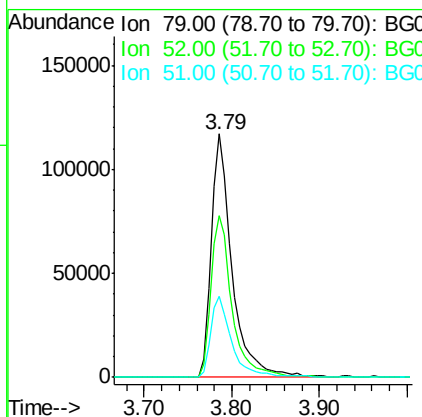
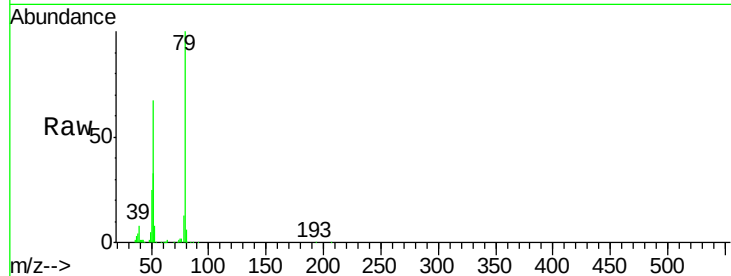
ClientSampleId :

PB126194BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		193498		
52	66.6	58.9	88.3		
51	33.4	28.6	43.0		

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#4

n-Nitrosodimethylamine

Concen: 40.674 ng

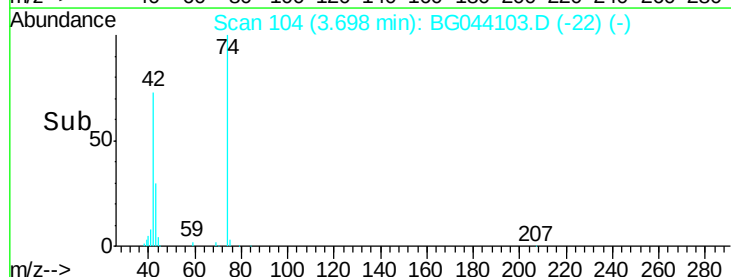
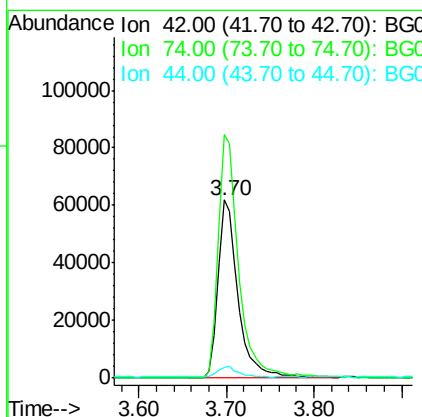
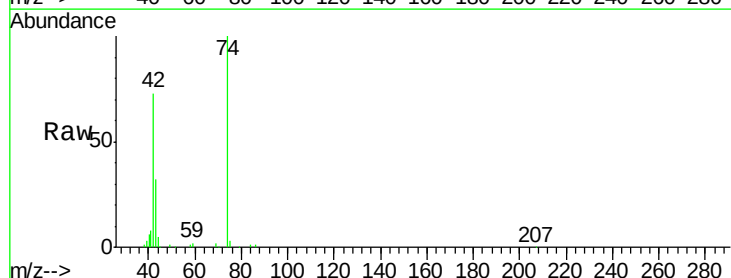
RT: 3.70 min Scan# 104

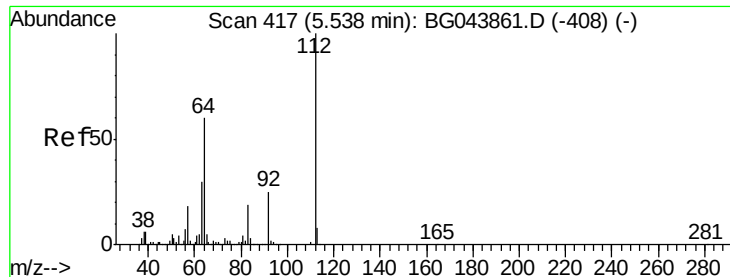
Delta R.T. -0.05 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		99498		
74	136.8	108.6	162.8		
44	6.2	5.0	7.6		





#5

2-Fluorophenol

Concen: 149.539 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

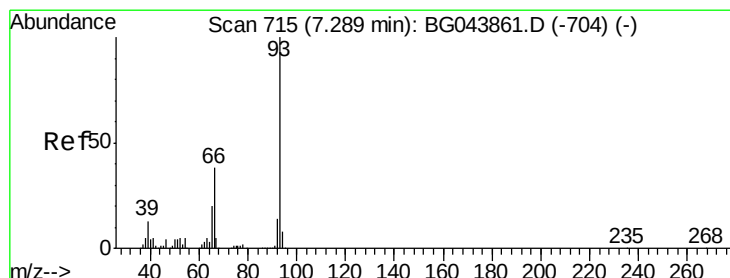
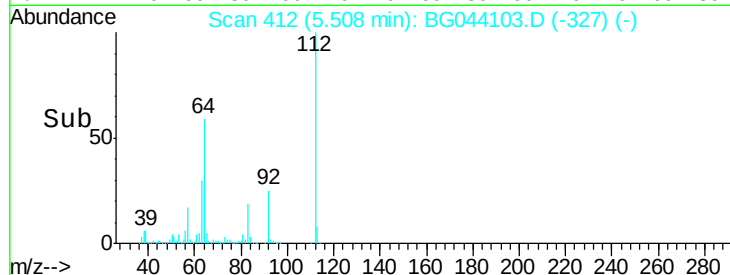
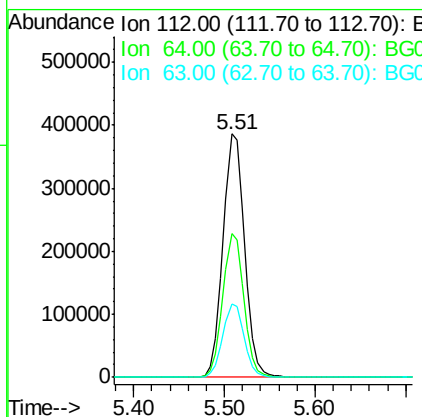
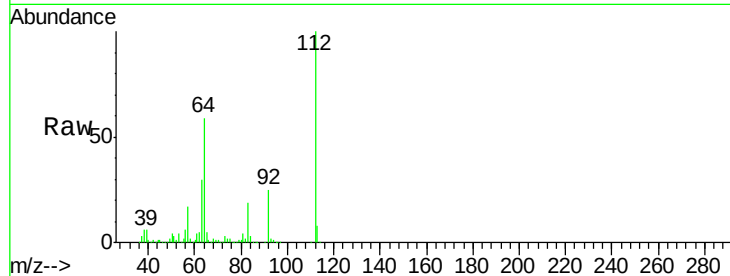
ClientSampleId :

PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	637879		
64	59.1		47.8	71.6
63	30.4		24.3	36.5

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#6

Aniline

Concen: 33.423 ng

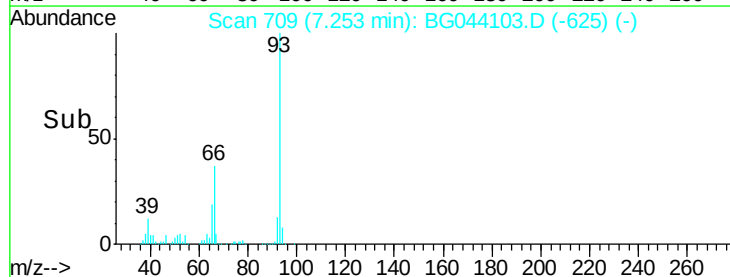
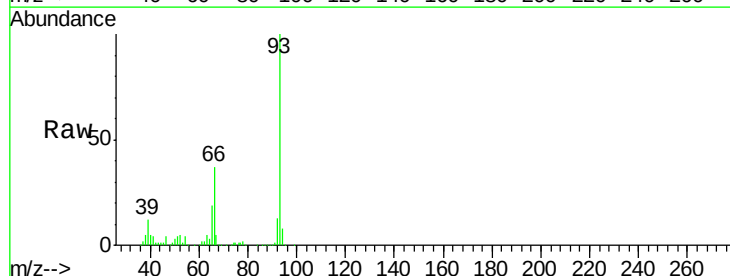
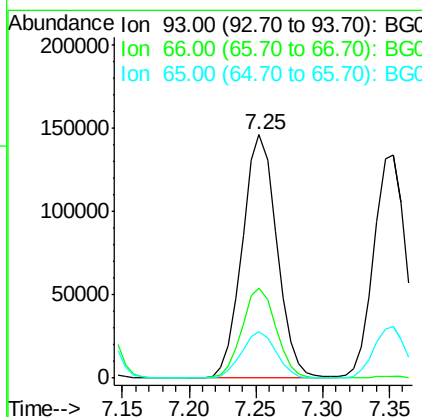
RT: 7.25 min Scan# 709

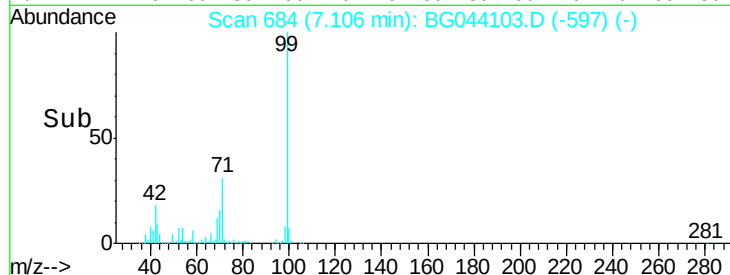
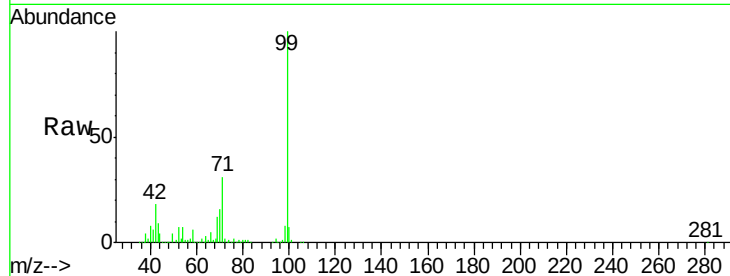
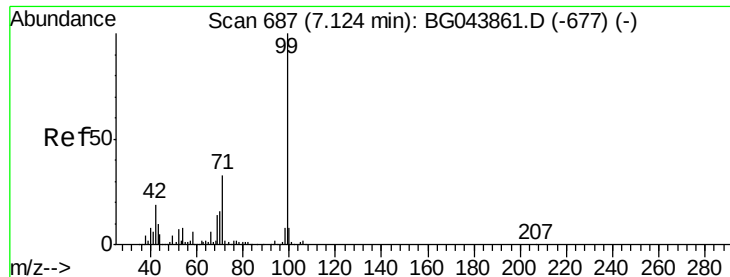
Delta R.T. -0.04 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	261756		
66	37.1		30.8	46.2
65	19.1		16.0	24.0





#7

Phenol-d6

Concen: 144.055 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		858940		
42	17.7	14.9	22.3		
71	31.3	26.4	39.6		

Instrument :

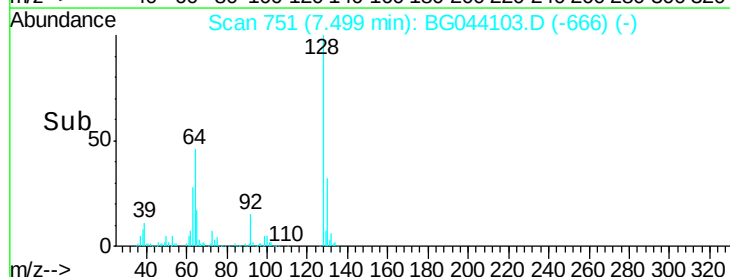
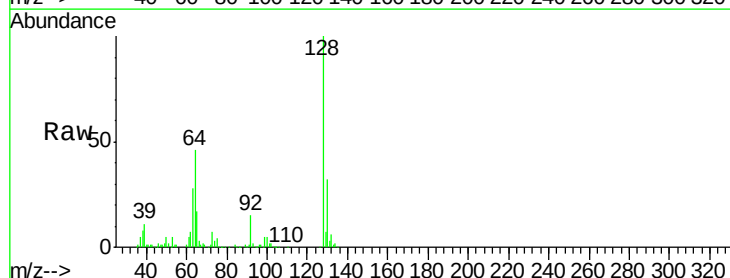
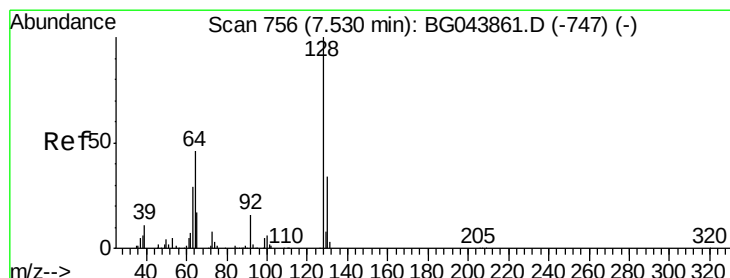
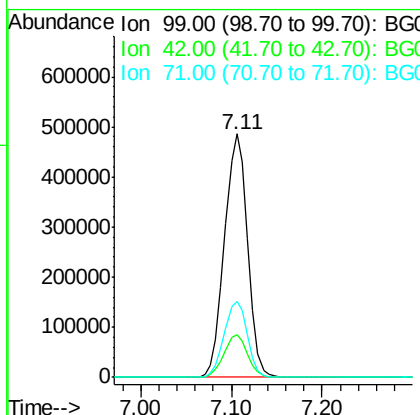
BNA_G

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PB126194BSD

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#8

2-Chlorophenol

Concen: 49.502 ng

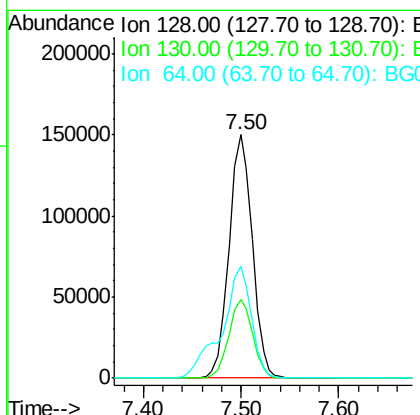
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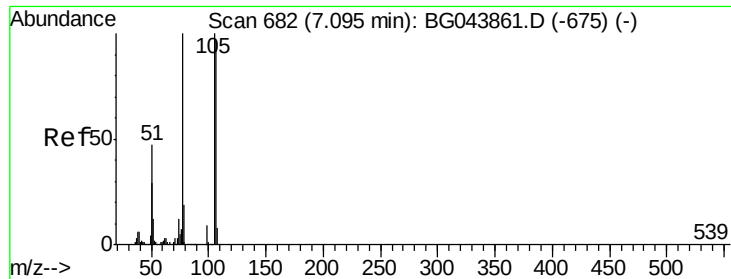
Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		247892		
130	32.2	13.8	53.8		
64	45.7	27.6	67.6		





#9

Benzaldehyde

Concen: 31.956 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

Tot Ion: 77 Resp: 121949

Ion Ratio Lower Upper

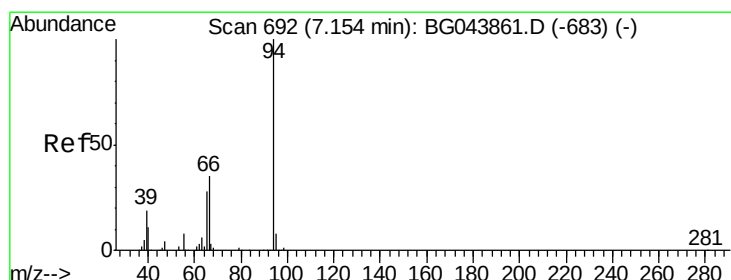
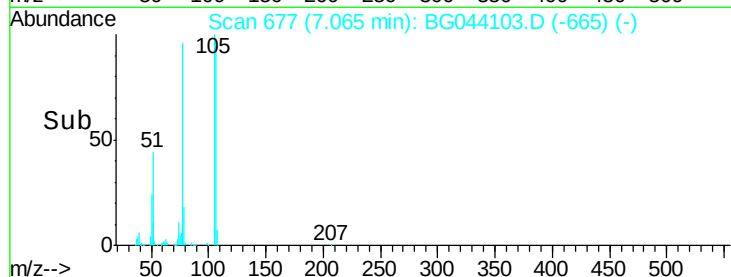
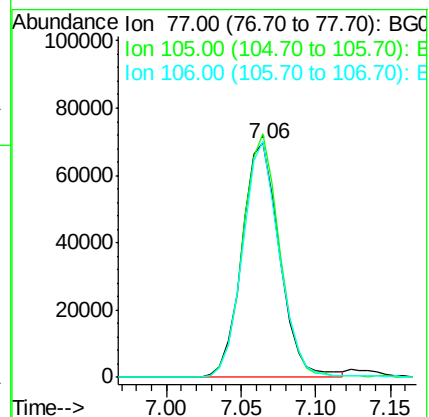
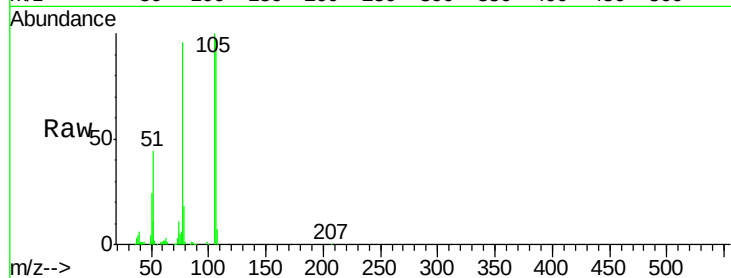
77 100

105 104.0 80.2 120.2

106 100.8 77.2 117.2

Manual Integrations
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#10

Phenol

Concen: 49.731 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

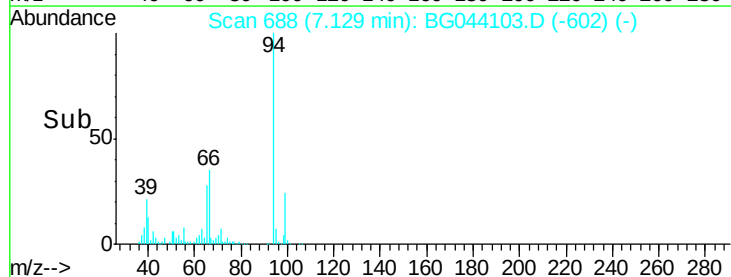
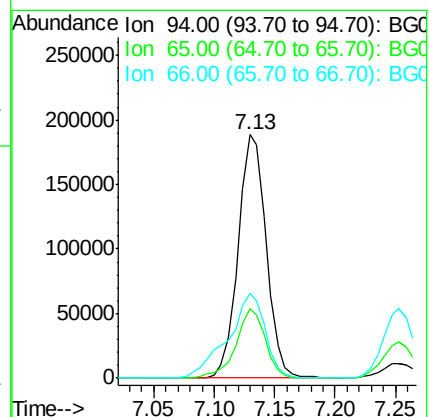
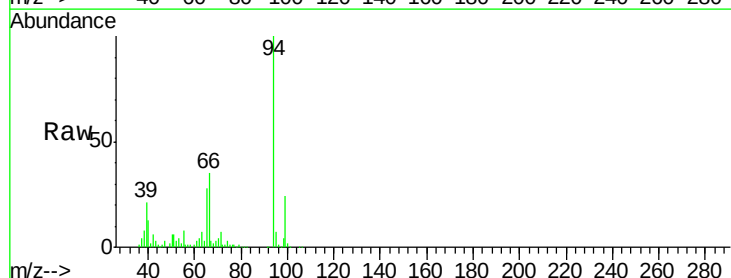
Tgt Ion: 94 Resp: 305512

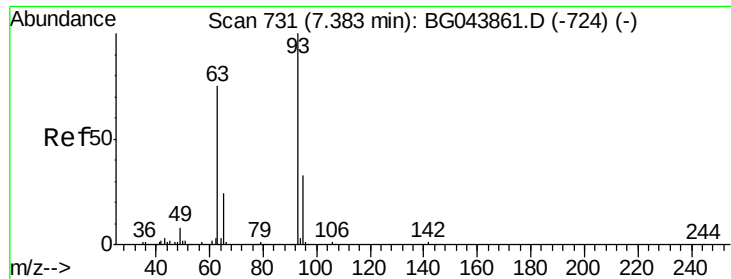
Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

66 34.8 15.6 55.6





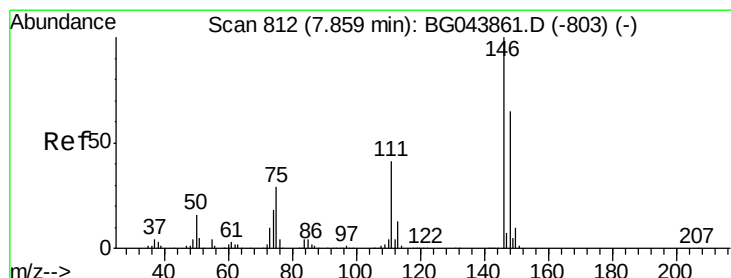
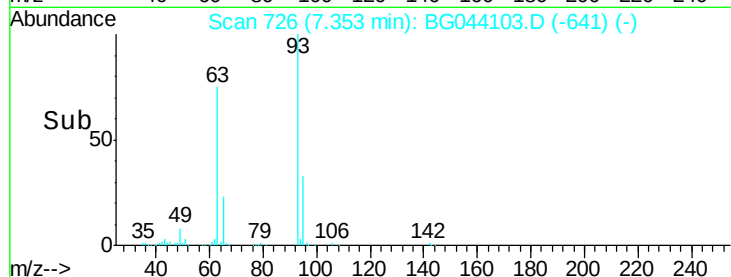
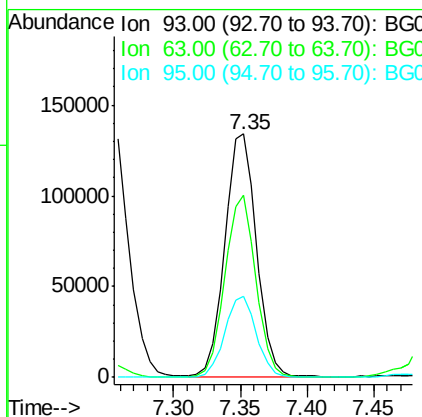
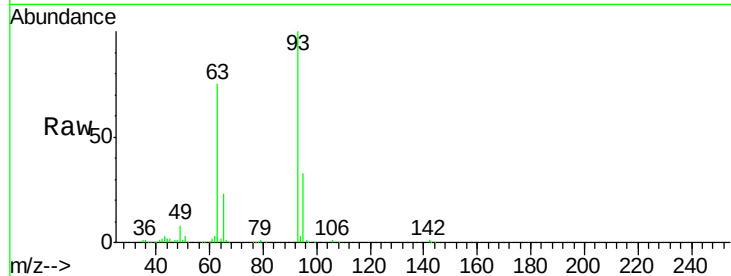
#11
bis(2-Chloroethyl)ether
Concen: 42.060 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	223040		
63	74.6		55.0	95.0
95	33.1		13.3	53.3

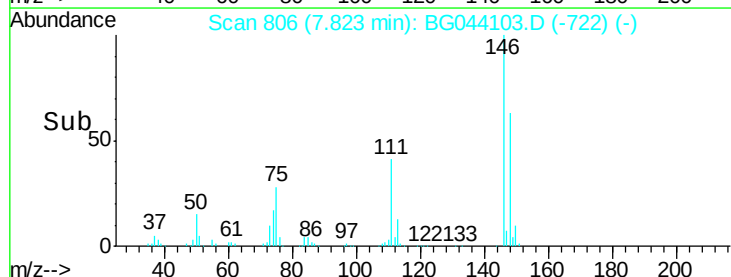
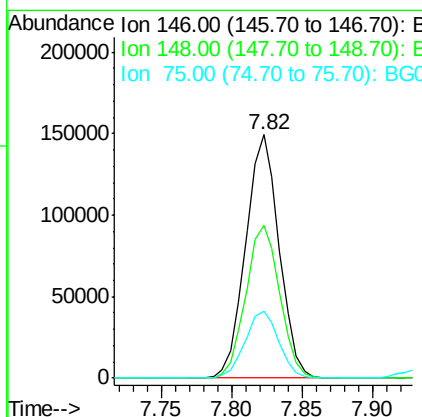
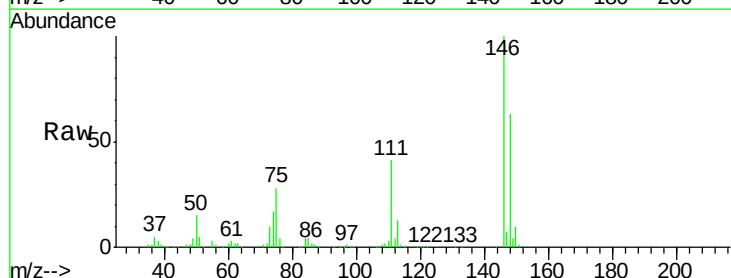
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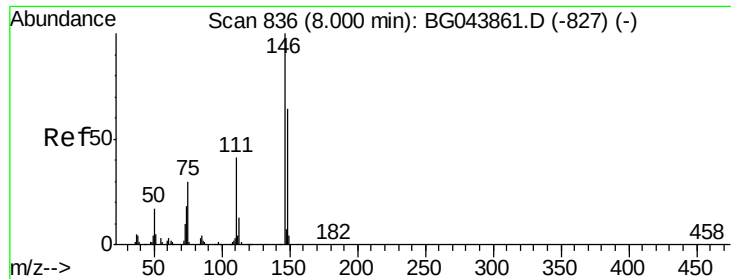
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#12
1,3-Dichlorobenzene
Concen: 42.218 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	247399		
148	62.6		52.1	78.1
75	27.6		23.0	34.4





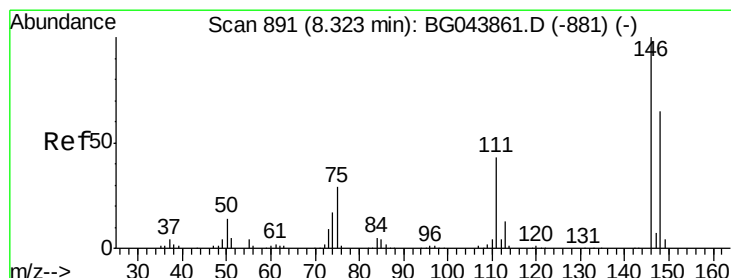
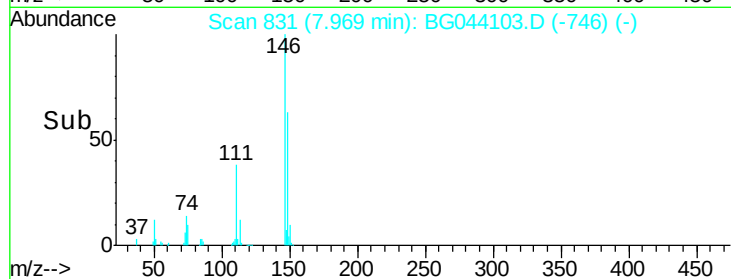
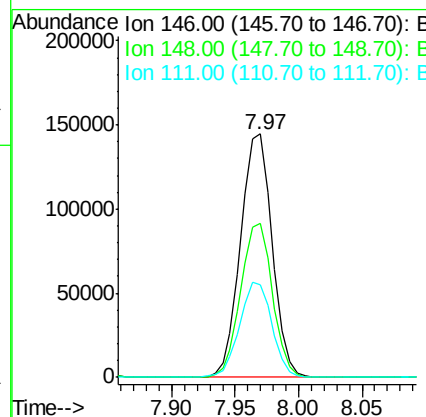
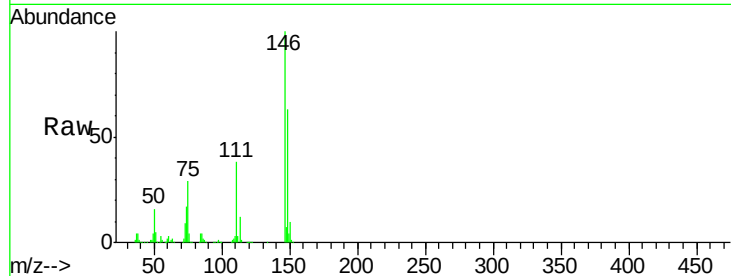
#13
 1,4-Dichlorobenzene
 Concen: 43.262 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	37.9	33.1	49.7

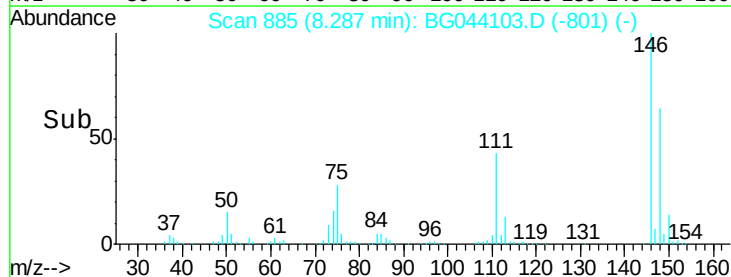
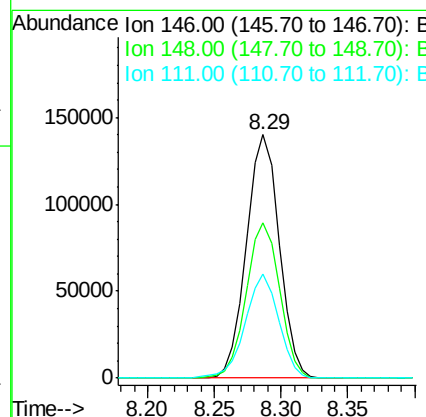
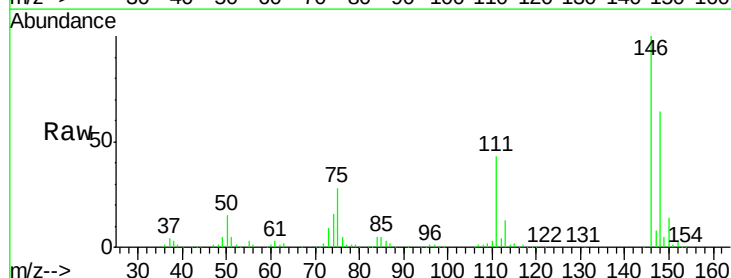
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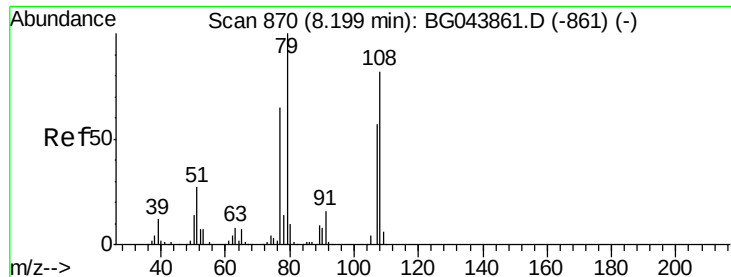
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#14
 1,2-Dichlorobenzene
 Concen: 42.793 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
111	43.0	34.4	51.6





#15

Benzyl Alcohol

Concen: 44.276 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

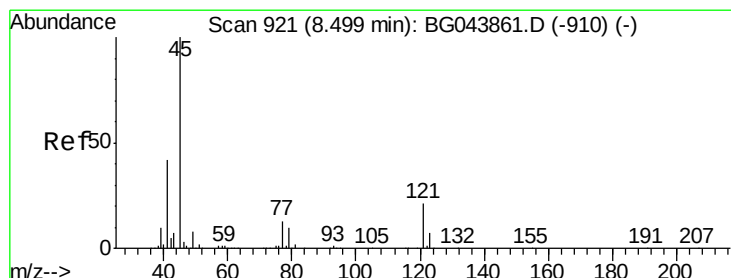
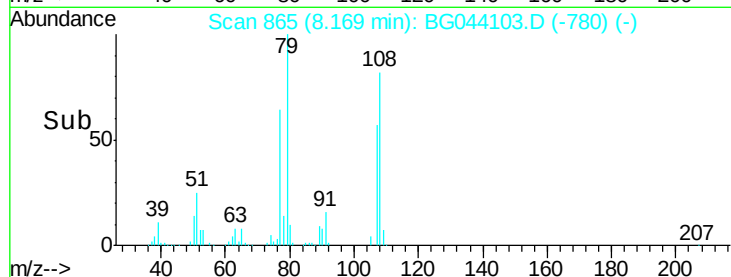
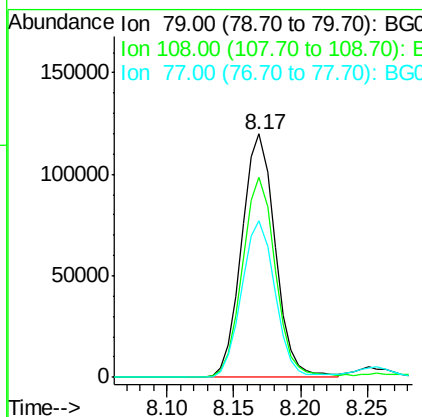
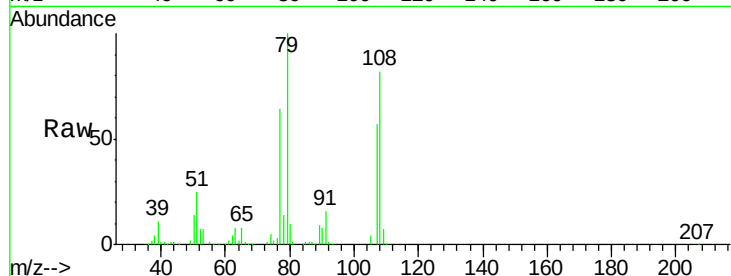
ClientSampleId :

PB126194BSD

Tot Ion	79	Resp	208356
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.6	98.4
77	64.2	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.799 ng

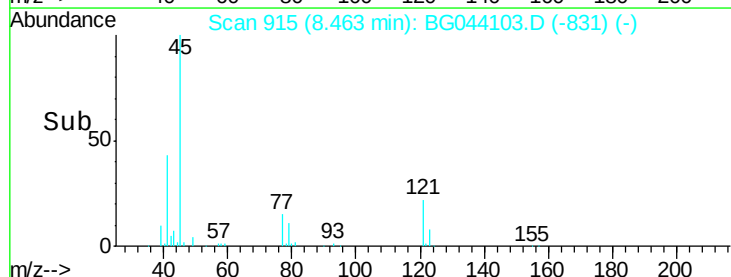
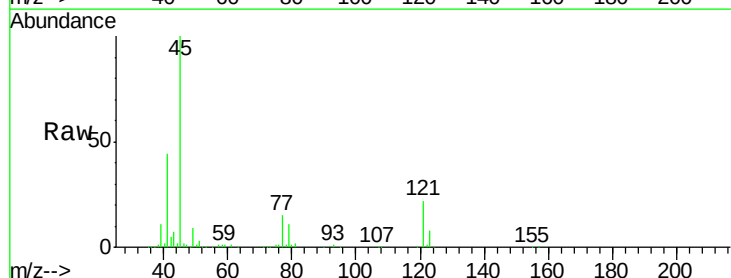
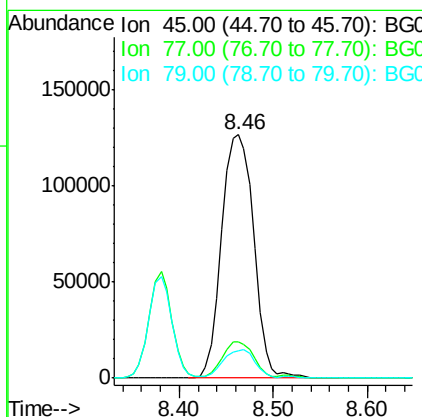
RT: 8.46 min Scan# 915

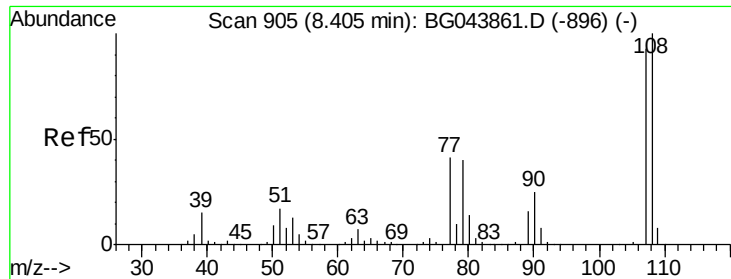
Delta R.T. -0.04 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion	45	Resp	301904
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	11.1	0.0	31.0





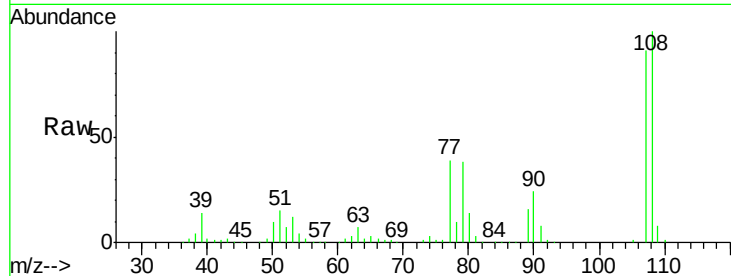
#17
2-Methylphenol
Concen: 49.258 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

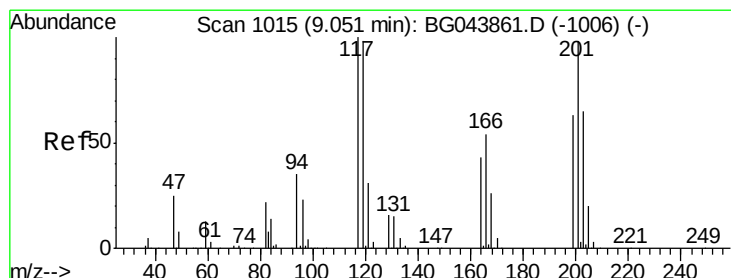
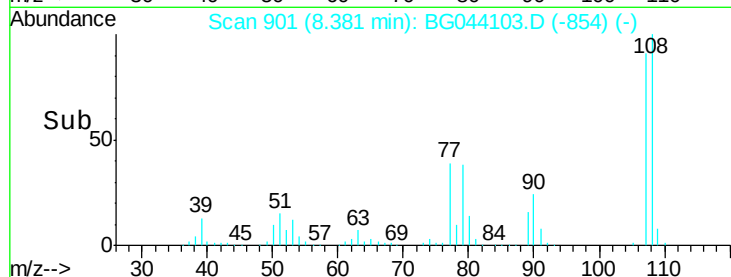
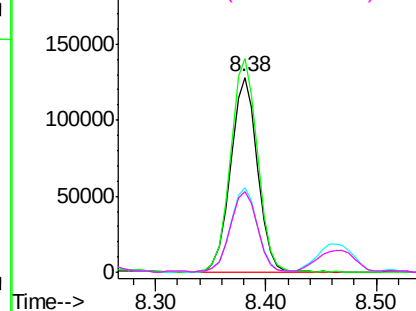
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	86.1	129.1	
77	43.2	35.4	53.0	
79	41.4	34.8	52.2	

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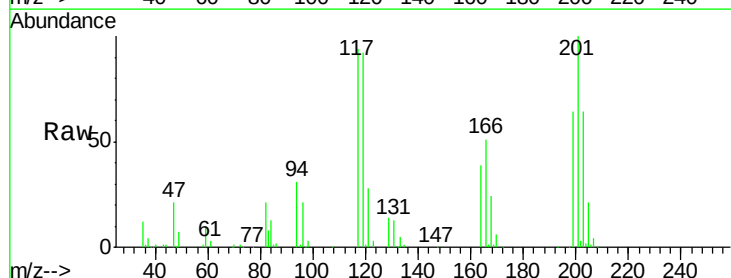


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

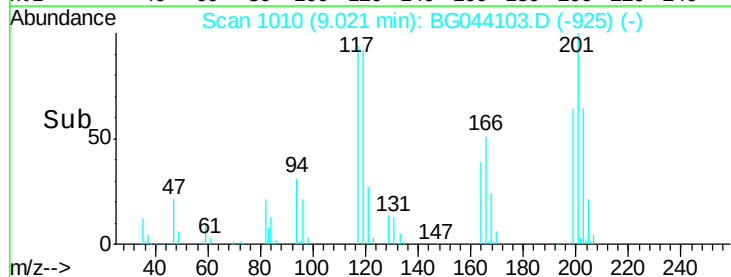
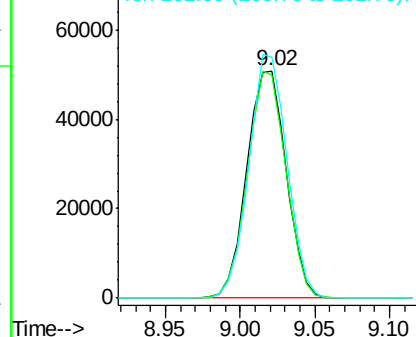


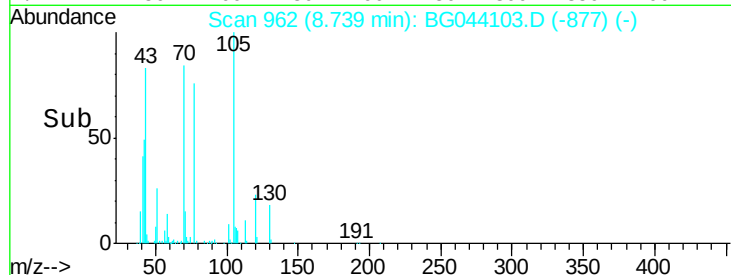
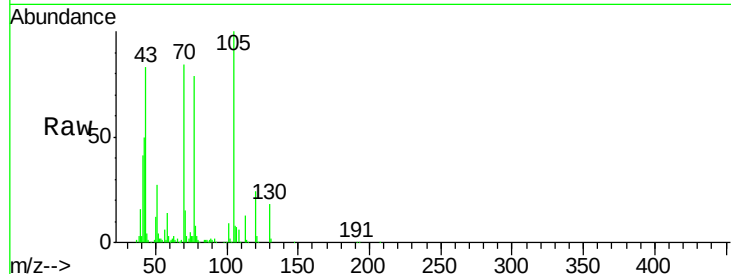
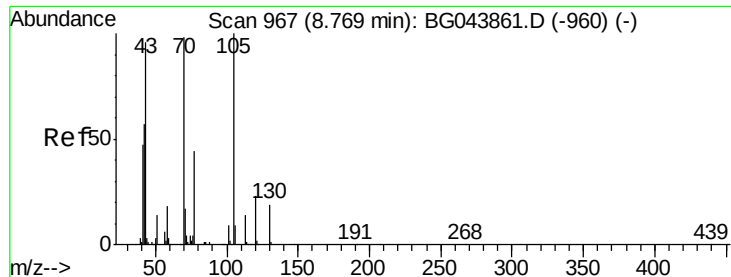
#18
Hexachloroethane
Concen: 41.247 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.1	117.1	
201	106.1	78.6	117.8	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





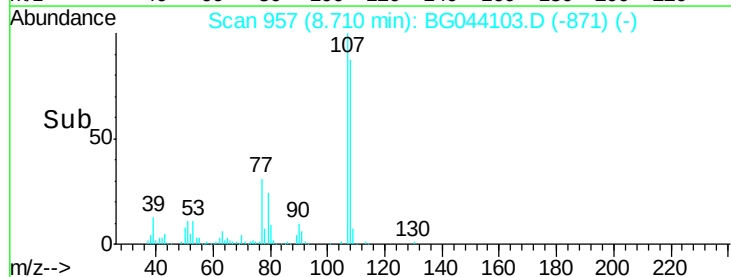
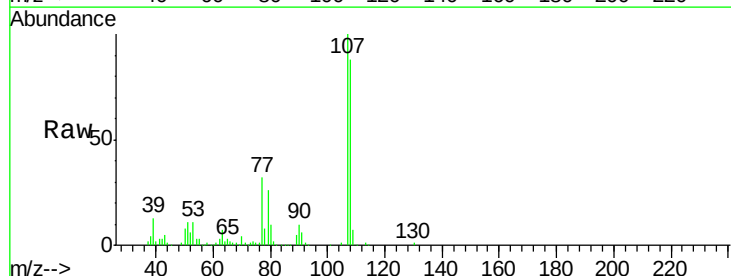
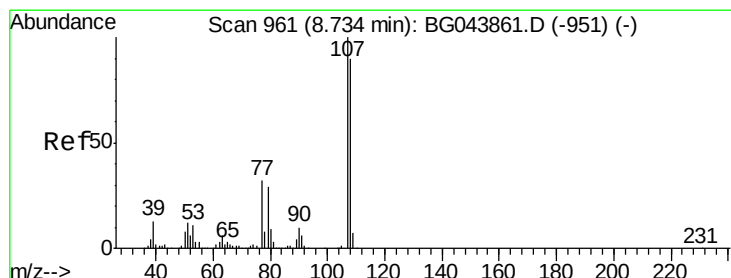
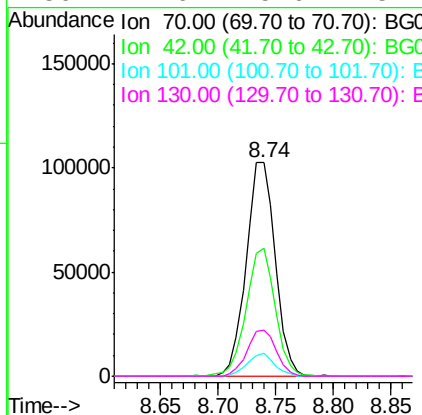
#19
n-Nitroso-di-n-propylamine
Concen: 40.597 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Manual Integrations
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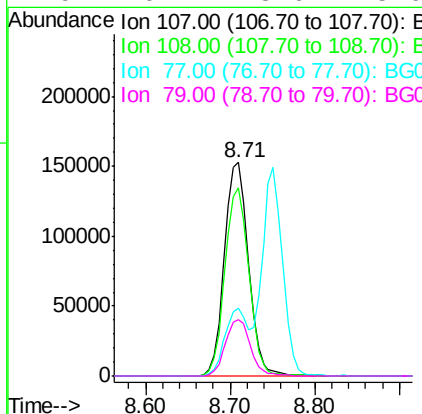
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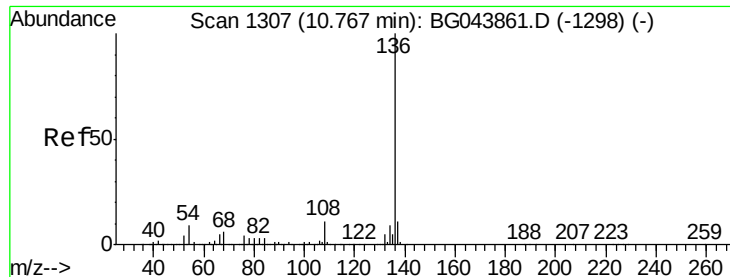
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.7	47.0	70.4		
101	11.0	7.2	10.8		
130	21.6	15.6	23.4		



#20
3+4-Methylphenols
Concen: 48.495 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.8	70.3	110.3		
77	31.9	12.4	52.4		
79	26.4	8.6	48.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

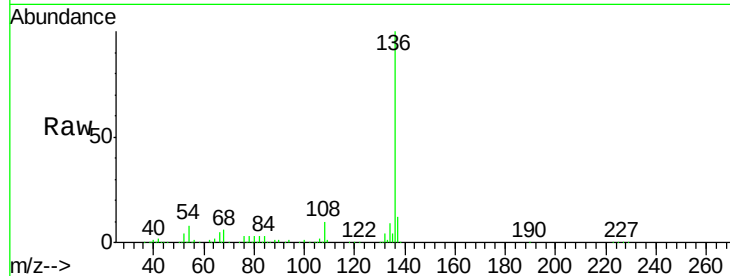
ClientSampleId :

PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	338903		
137	11.6	8.8	13.2	
54	7.8	7.0	10.4	
68	5.8	4.9	7.3	

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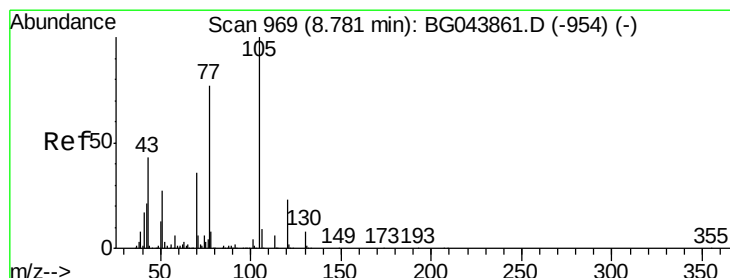
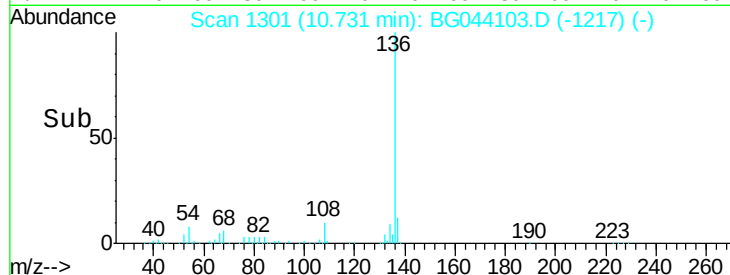
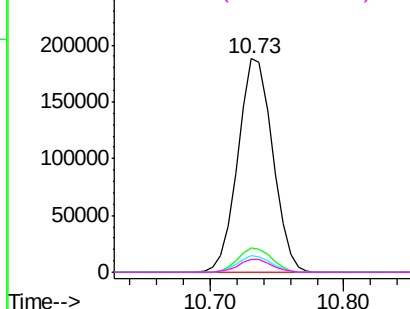
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.929 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336415		
71	4.4	4.8	7.2	#
51	26.1	21.4	32.0	
120	22.7	18.6	28.0	

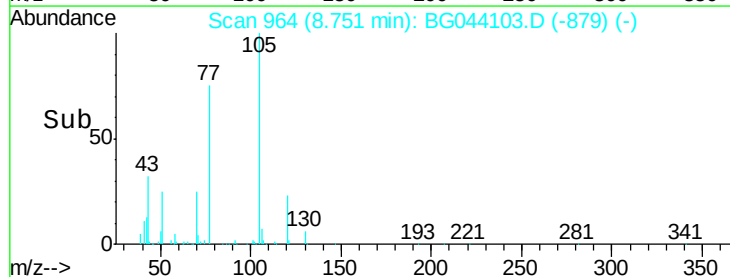
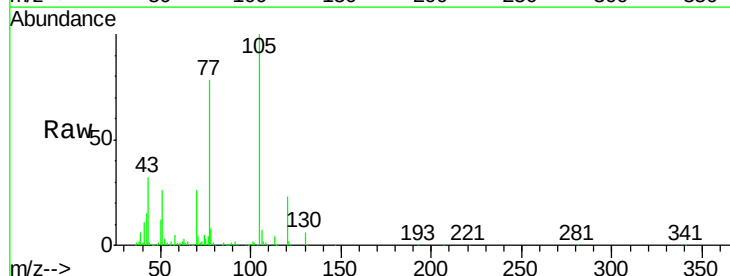
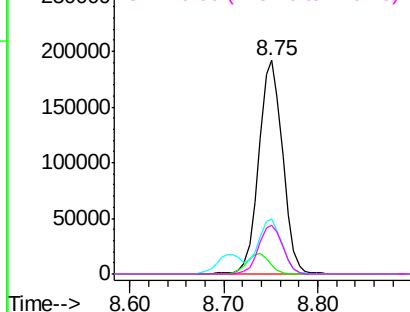
Abundance

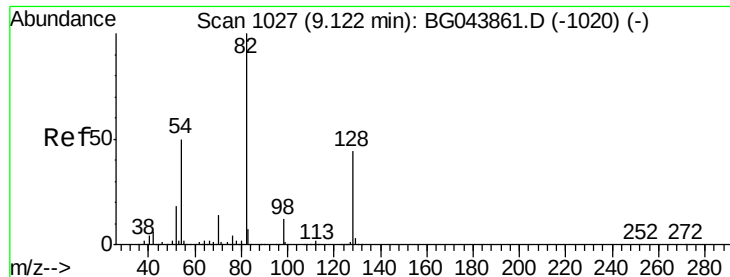
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





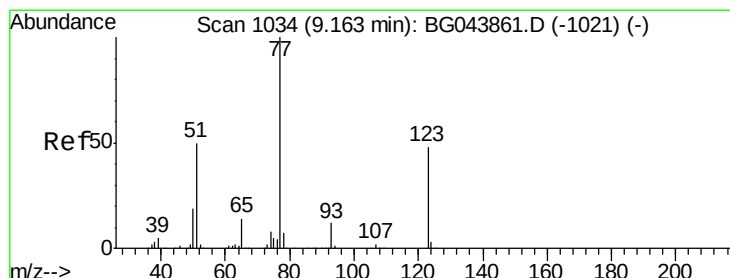
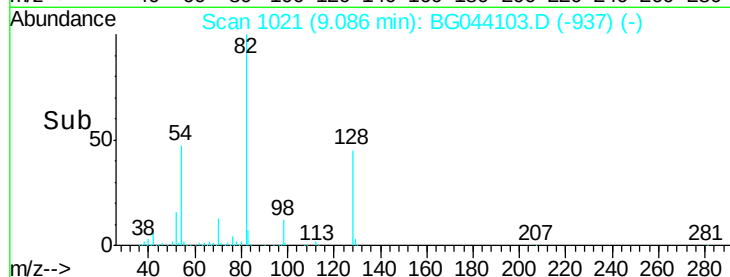
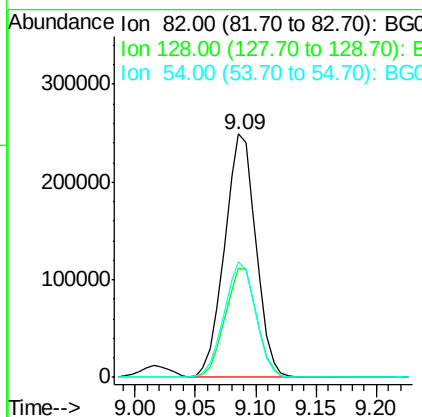
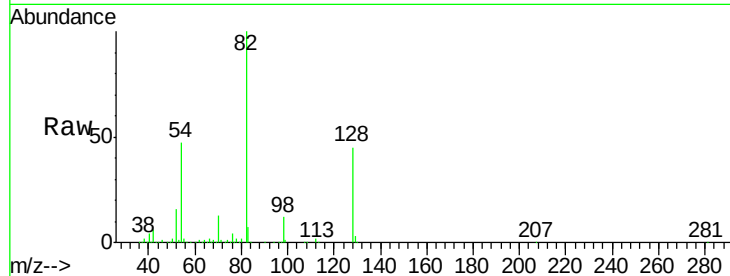
#23
 Nitrobenzene-d5
 Concen: 70.930 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	47.3	40.1	60.1

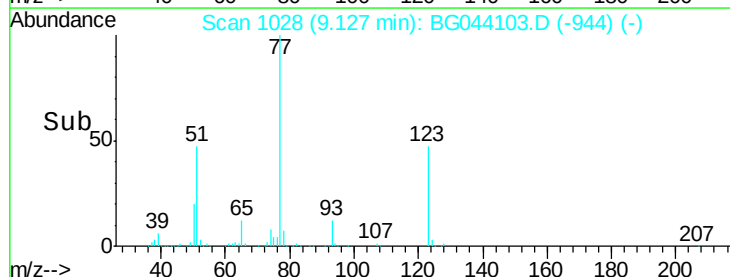
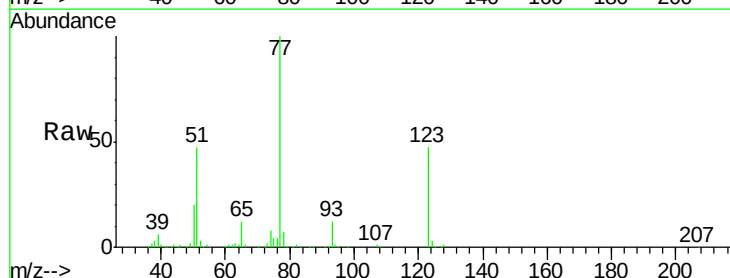
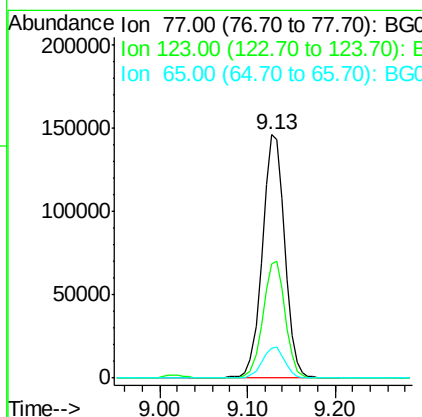
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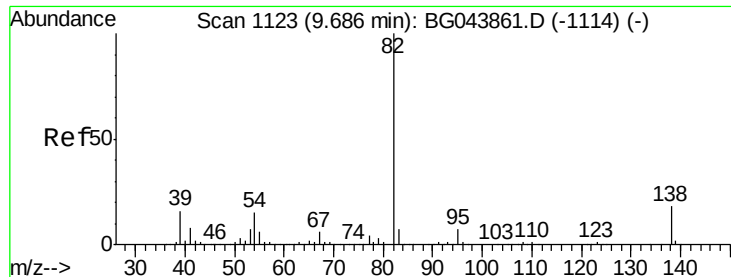
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#24
 Nitrobenzene
 Concen: 41.159 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.7	58.1
65	12.3	11.1	16.7





#25

Isophorone

Concen: 42.035 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

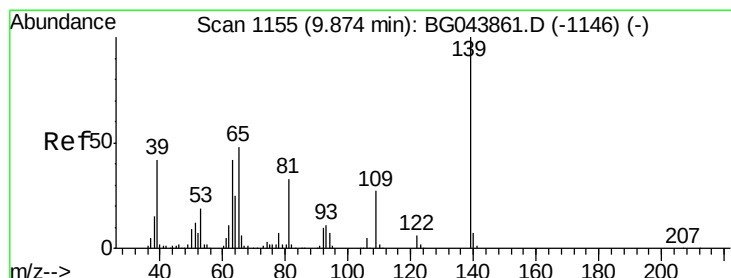
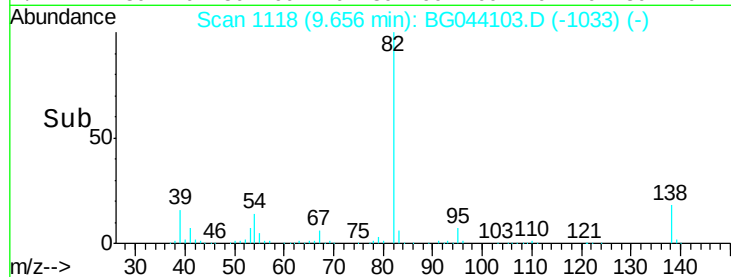
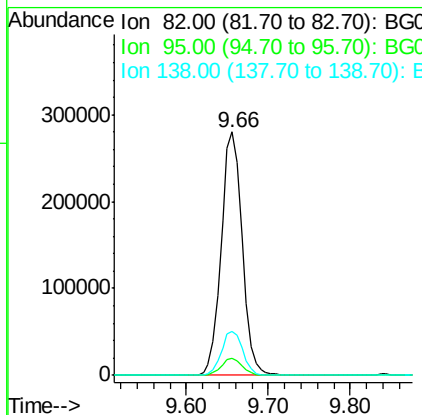
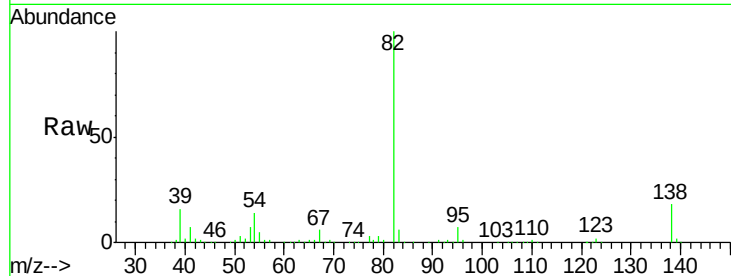
ClientSampleId :

PB126194BSD

Tot Ion:	82	Resp:	499604
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	18.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 47.322 ng

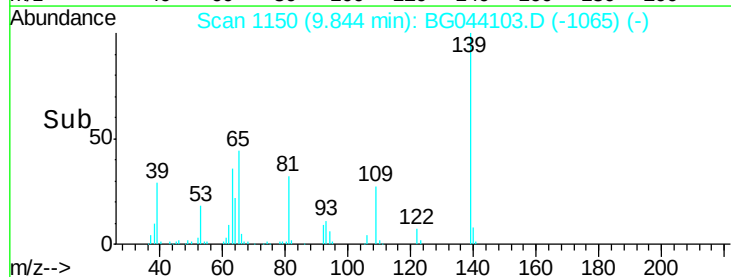
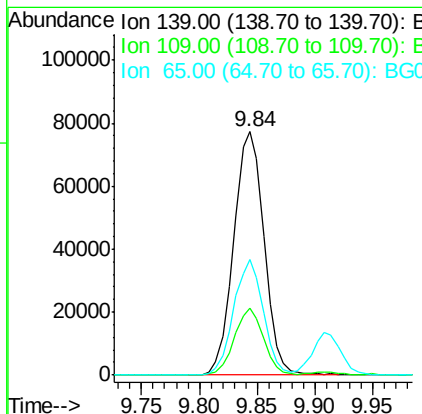
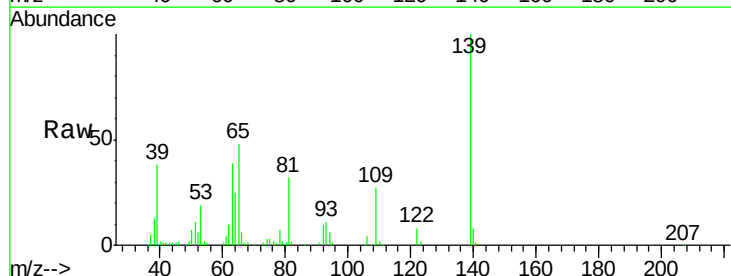
RT: 9.84 min Scan# 1150

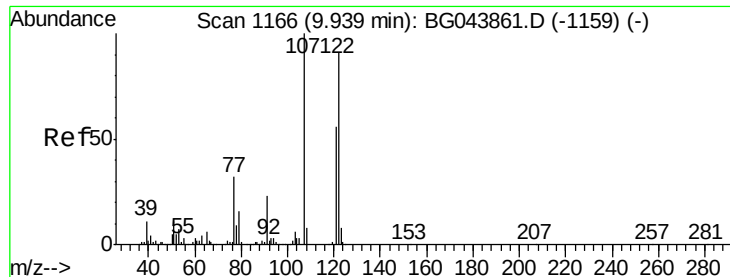
Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion:	139	Resp:	140478
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.3	31.9
65	47.6	38.6	57.8





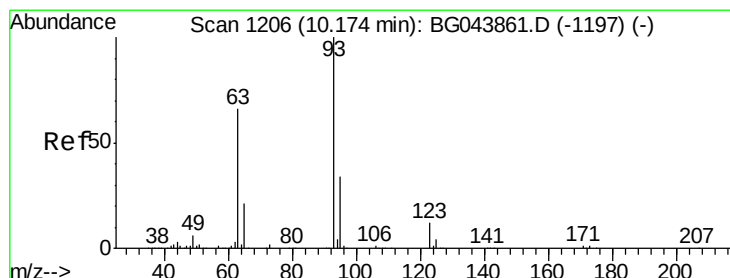
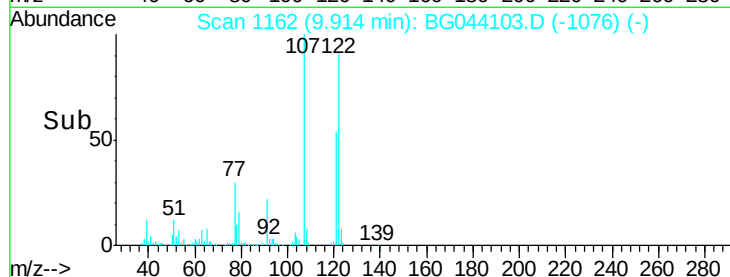
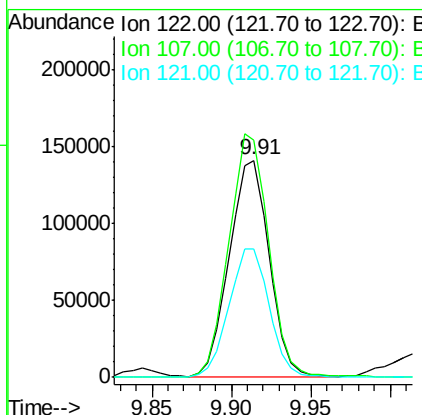
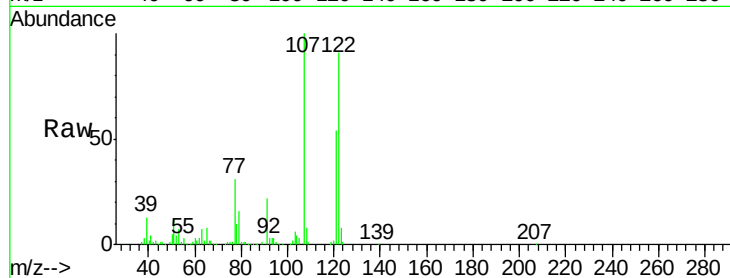
#27
2,4-Dimethylphenol
Concen: 54.781 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	244790		
107	109.5	88.0	132.0	
121	59.1	49.0	73.4	

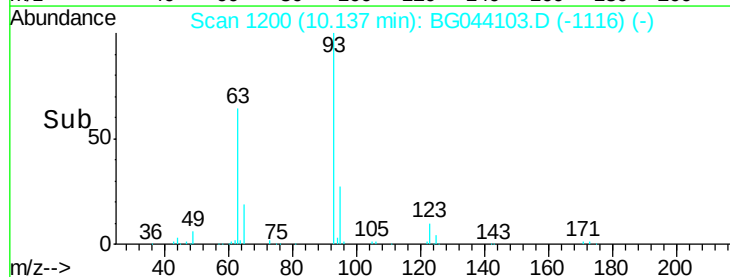
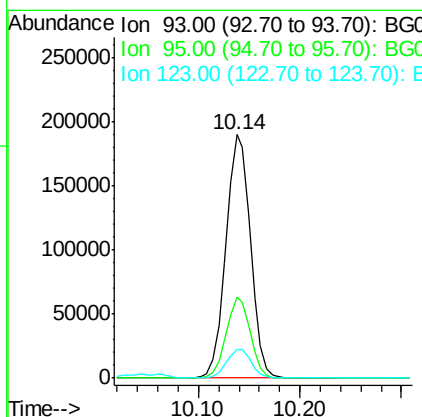
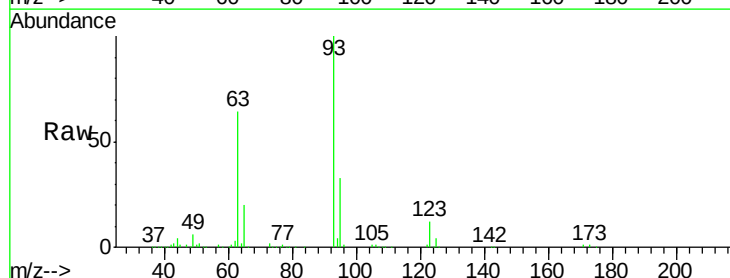
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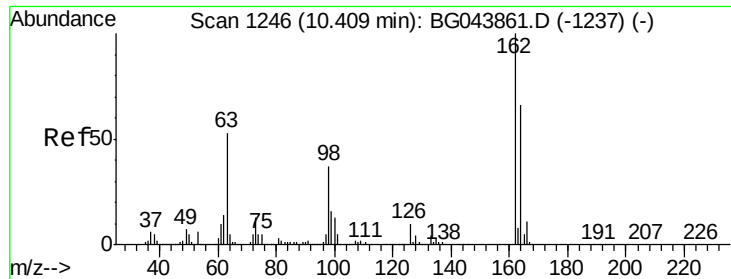
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#28
bis(2-Chloroethoxy)methane
Concen: 40.253 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	318952		
95	33.3	27.2	40.8	
123	11.6	9.7	14.5	





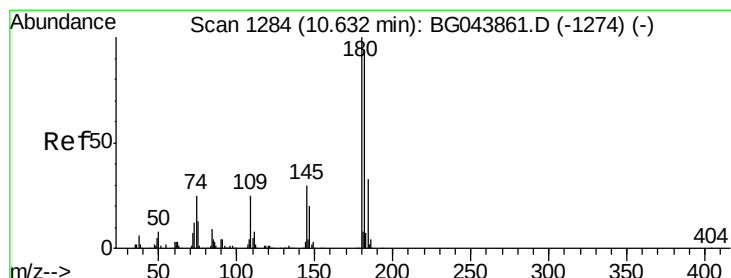
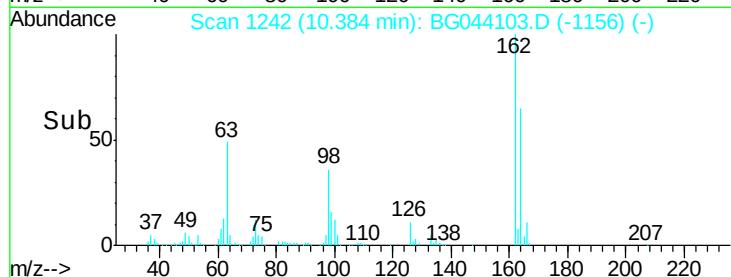
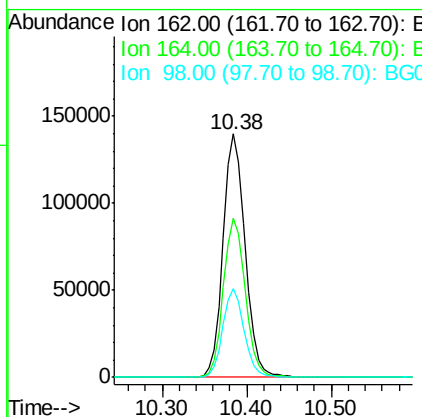
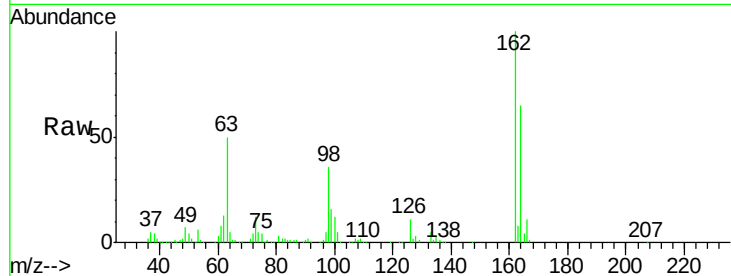
#29
 2,4-Dichlorophenol
 Concen: 47.323 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion:	162	Resp:	252240
Ion Ratio	Lower	Upper	
162	100		
164	65.3	46.3	86.3
98	36.3	17.3	57.3

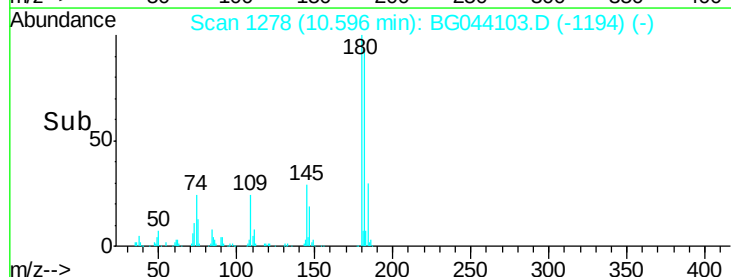
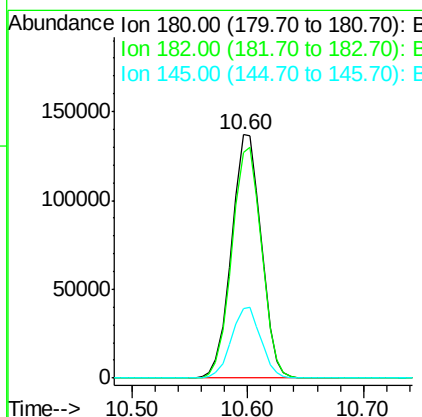
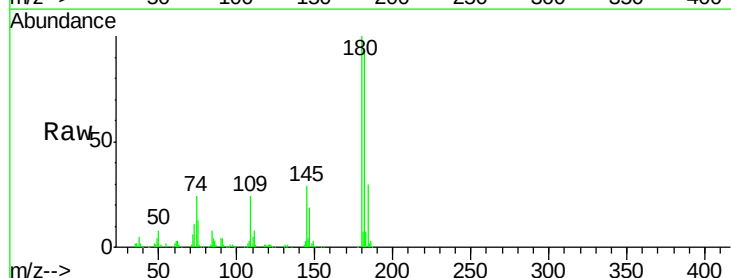
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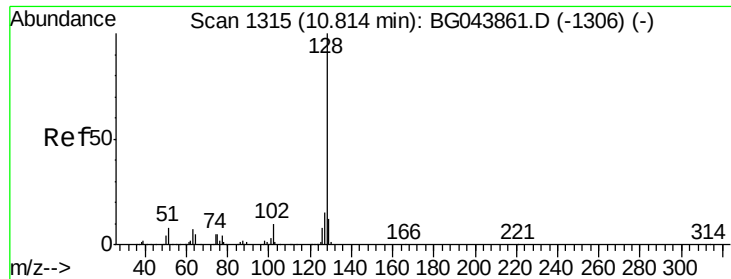
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.937 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion:	180	Resp:	244661
Ion Ratio	Lower	Upper	
180	100		
182	92.7	75.0	112.4
145	28.7	24.2	36.4





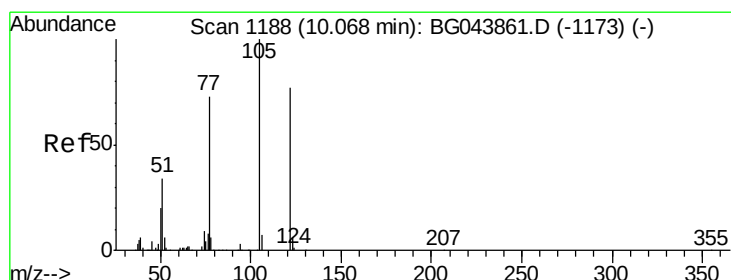
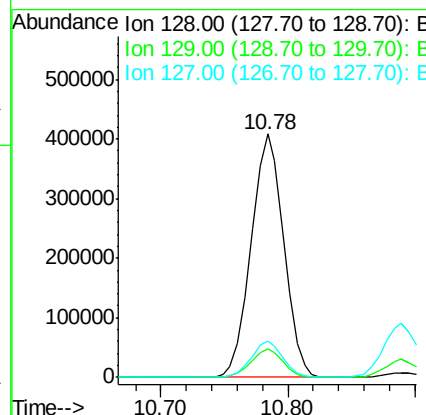
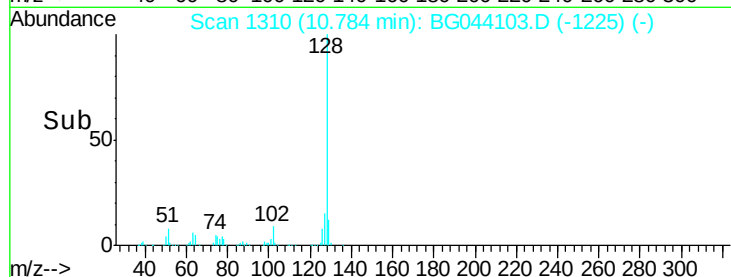
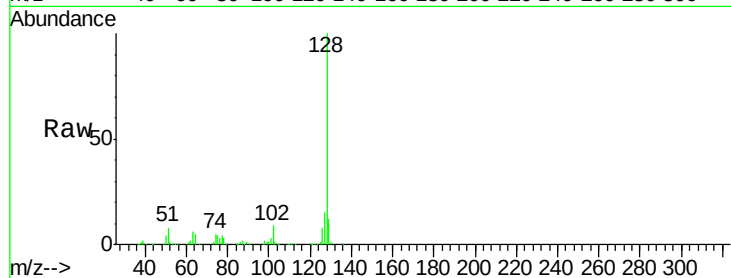
#31
Naphthalene
Concen: 44.502 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.8	14.6	
127	14.8	12.0	18.0	

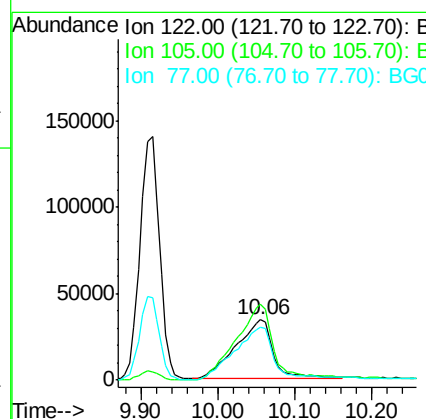
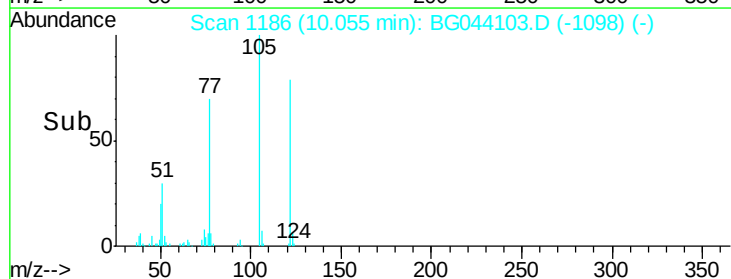
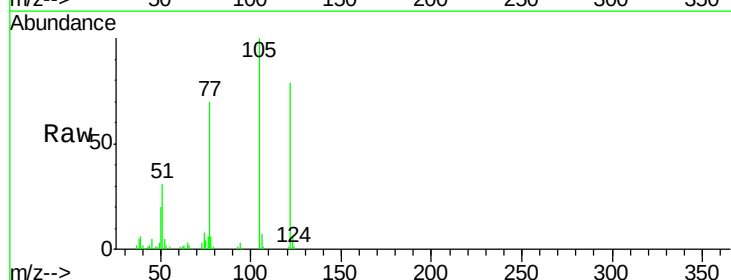
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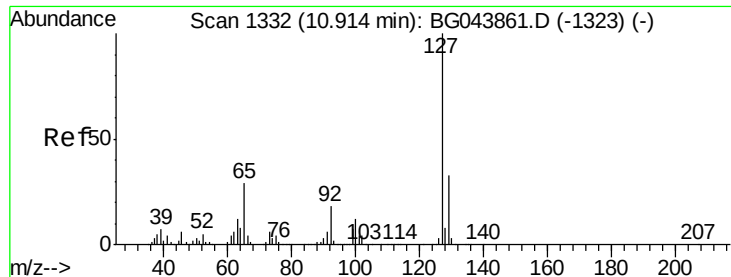
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#32
Benzoic acid
Concen: 34.586 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.4	106.4	146.4	
77	88.7	74.6	114.6	





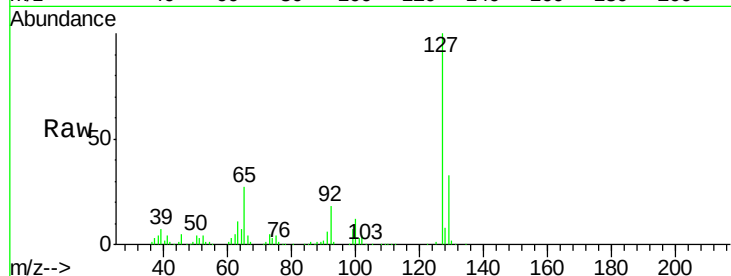
#33
4-Chloroaniline
Concen: 22.639 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

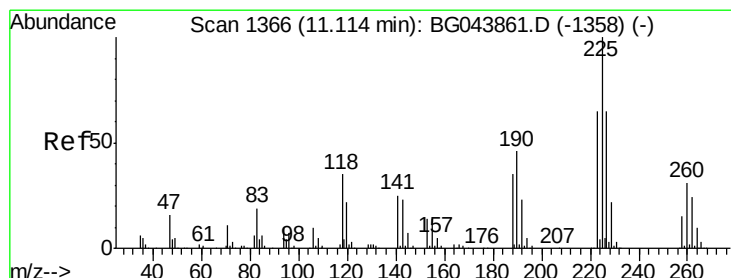
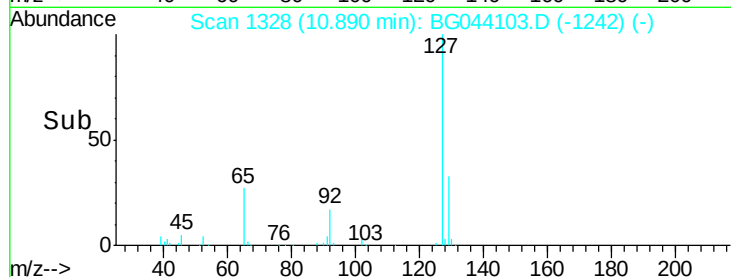
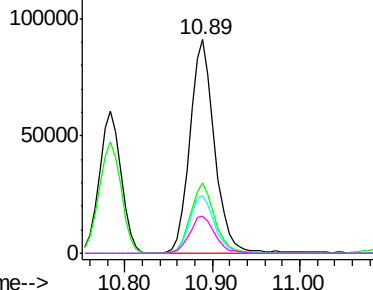
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	27.2	23.3	34.9
92	17.6	14.7	22.1

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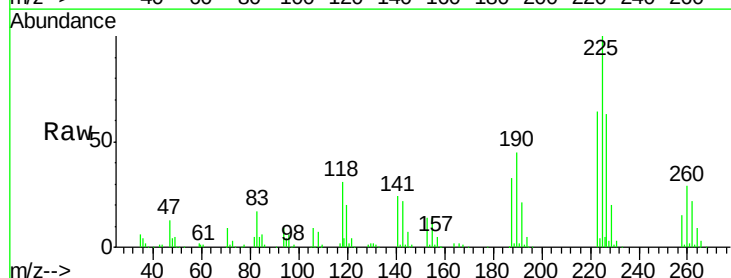


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

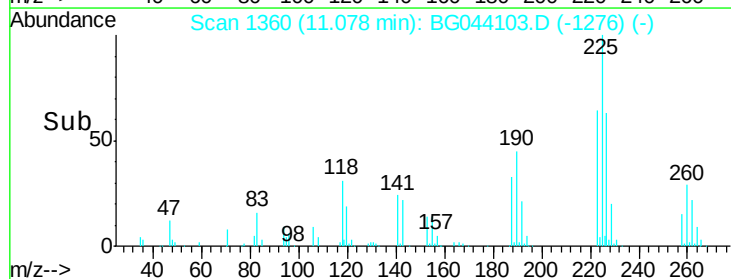
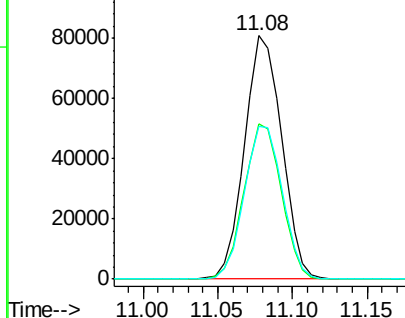


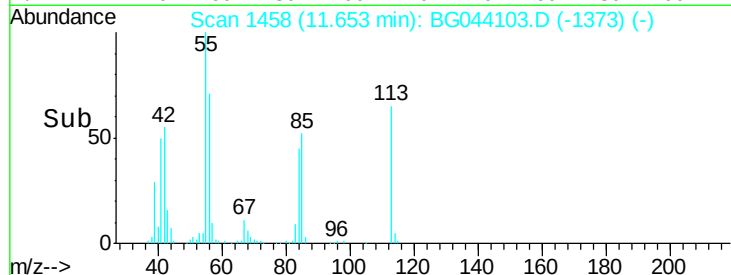
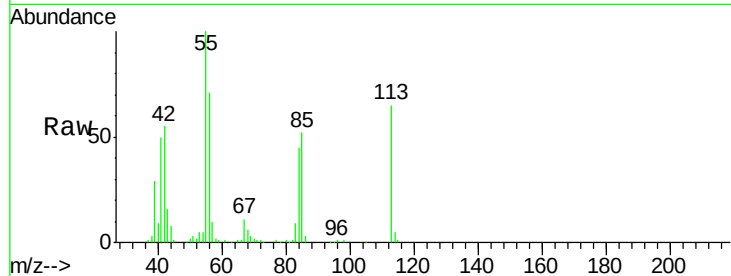
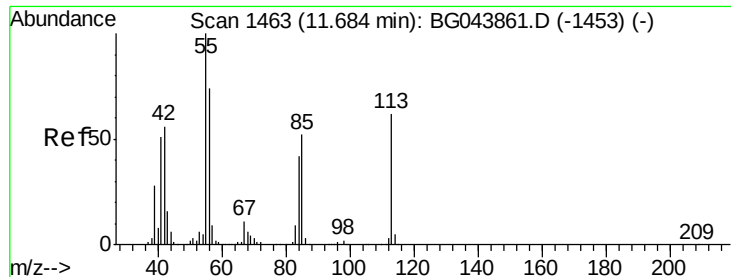
#34
Hexachlorobutadiene
Concen: 38.206 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	62.8	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.141 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

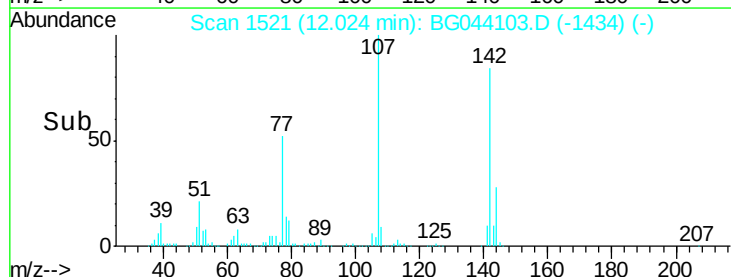
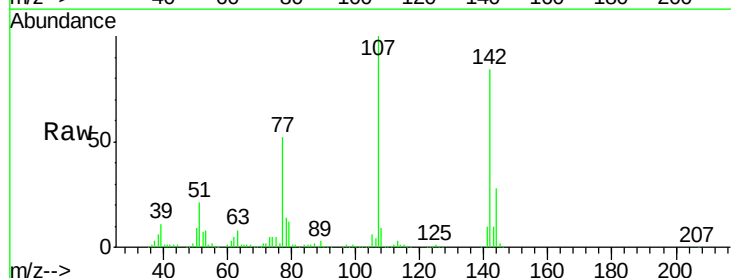
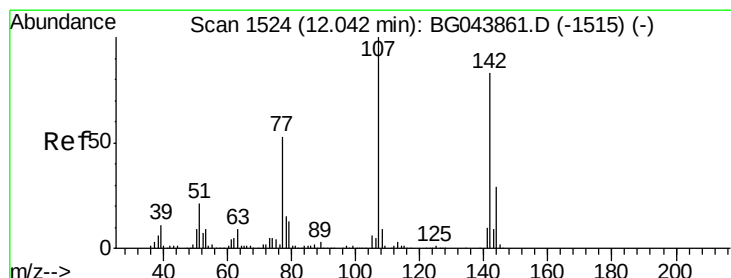
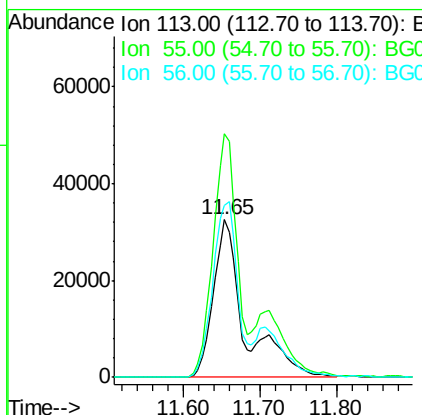
ClientSampleId :

PB126194BSD

Tot Ion:	113	Resp:	93540
Ion	Ratio	Lower	Upper
113	100		
55	154.5	142.5	182.5
56	109.0	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 48.120 ng/mL

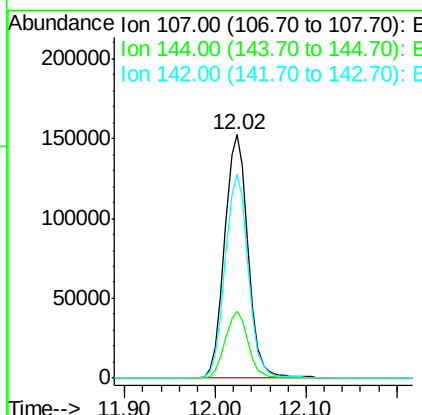
RT: 12.02 min Scan# 1521

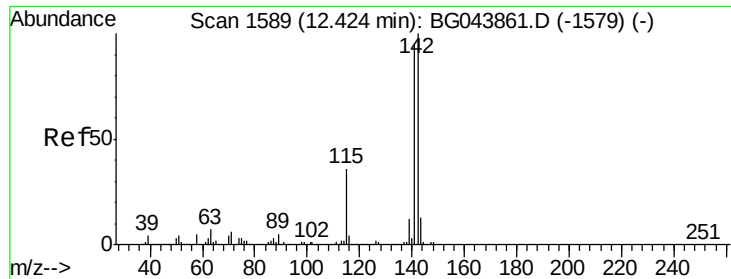
Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion:	107	Resp:	273049
Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.4	35.2
142	83.8	66.3	99.5





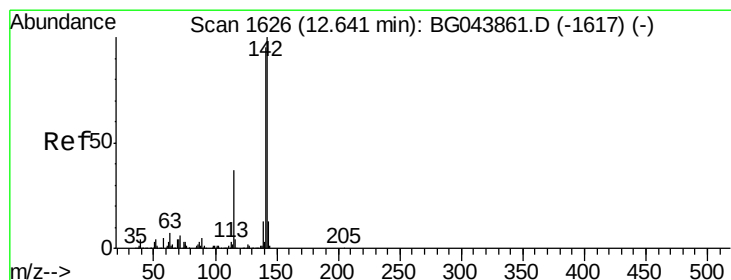
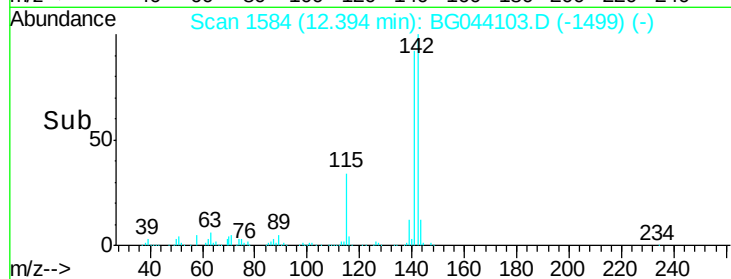
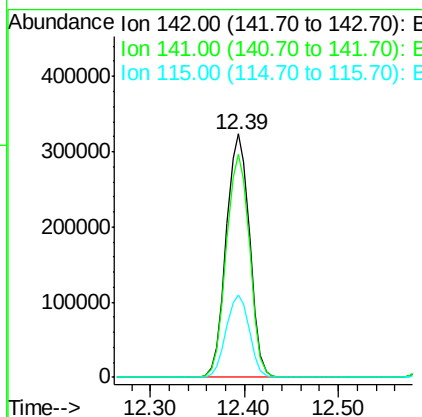
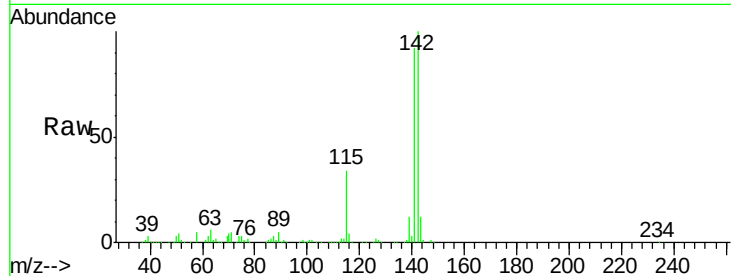
#37
2-Methylnaphthalene
Concen: 45.093 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.8
115	34.1	28.6	42.8

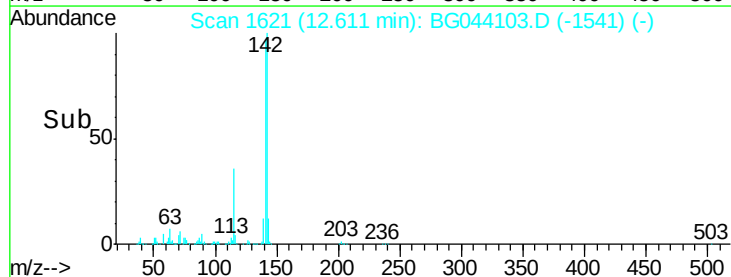
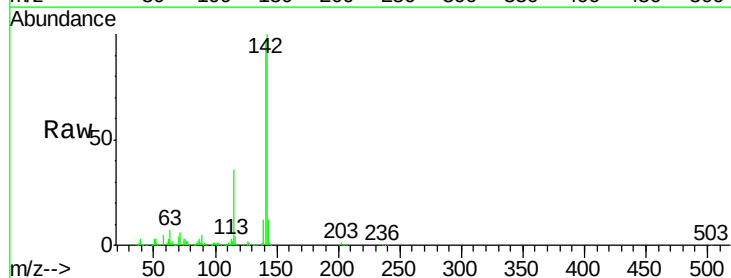
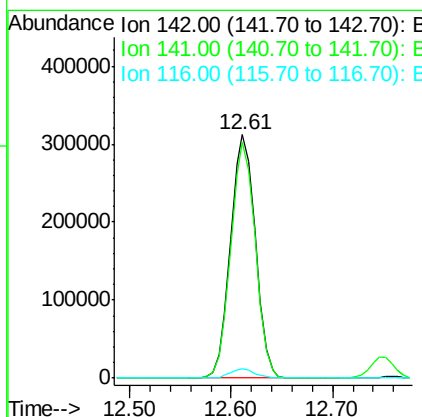
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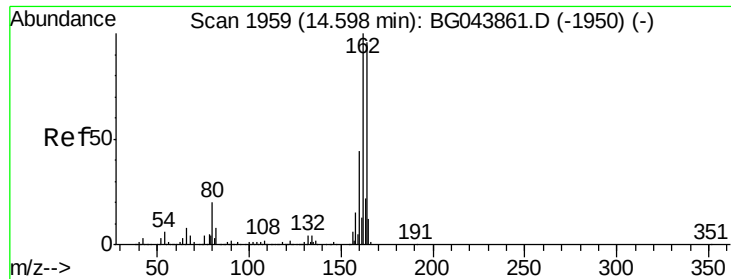
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#38
1-Methylnaphthalene
Concen: 45.317 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	76.0	114.0
116	3.9	3.1	4.7





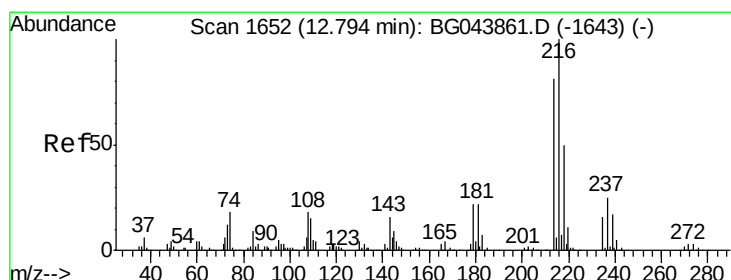
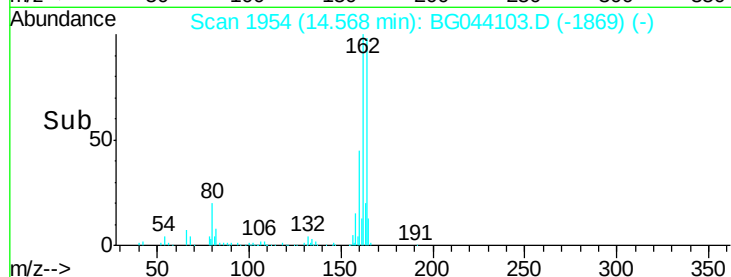
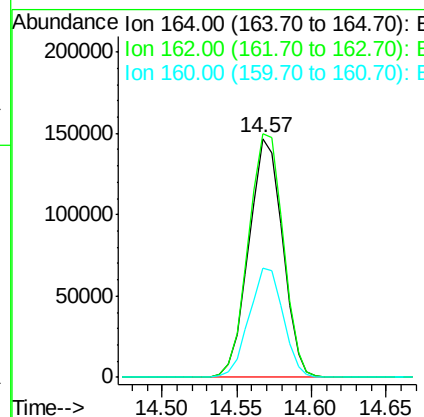
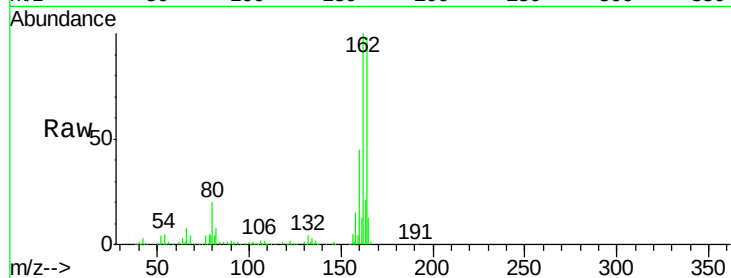
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	83.0	124.4	
160	46.0	36.1	54.1	

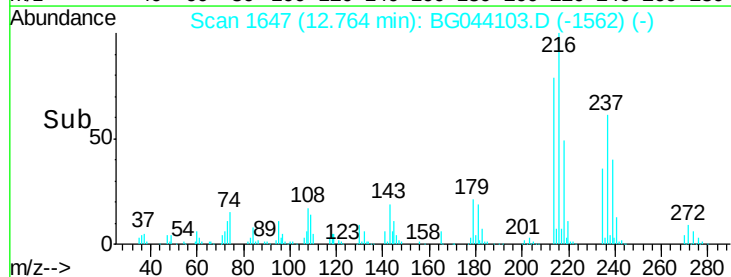
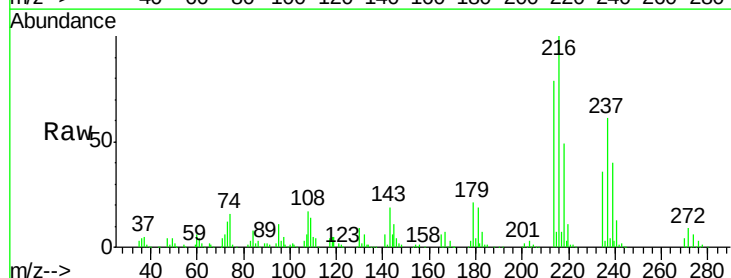
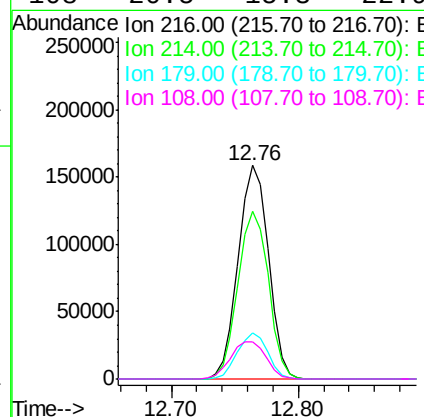
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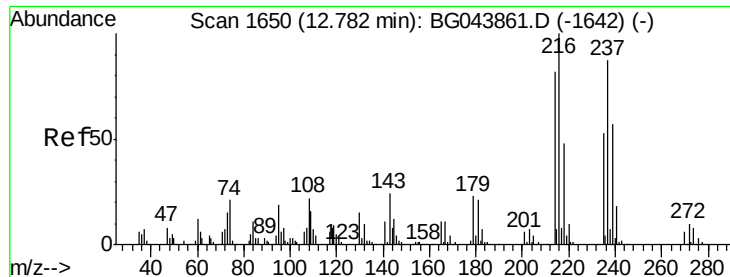
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.213 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.8	95.8	
179	21.3	17.3	25.9	
108	20.5	15.3	22.9	





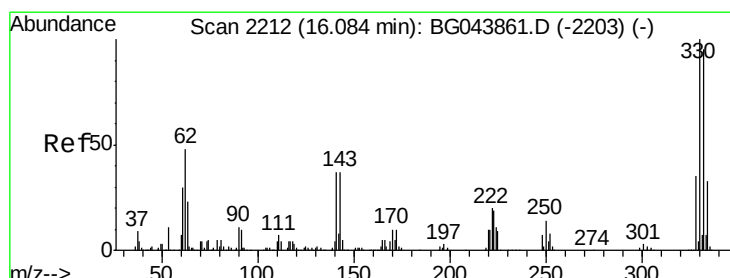
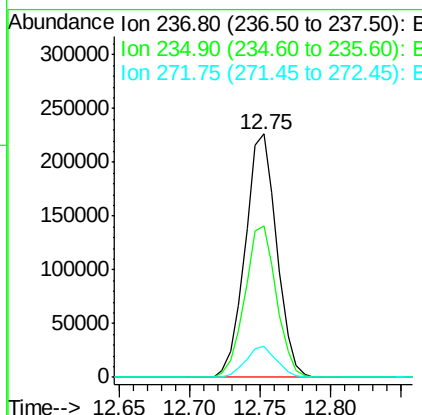
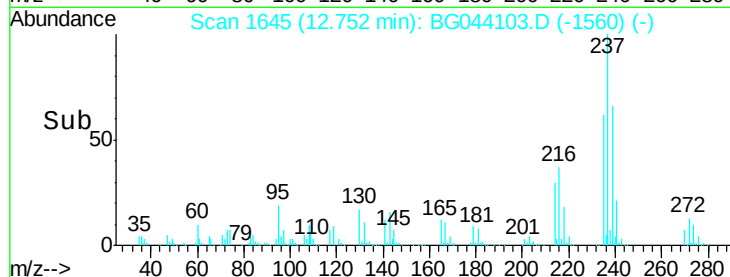
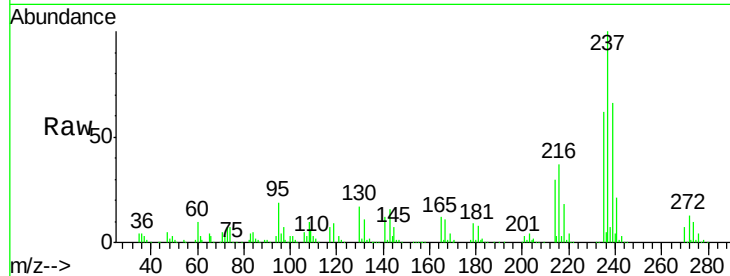
#41
Hexachlorocyclopentadiene
Concen: 101.669 ng
RT: 12.75 min Scan# 1645
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.3	41.1	81.1
272	12.8	0.0	31.7

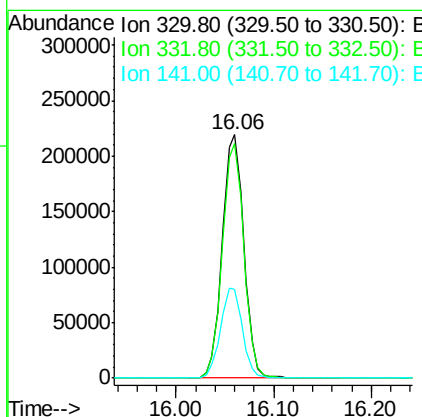
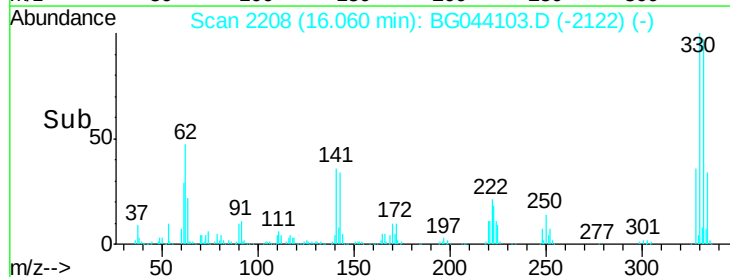
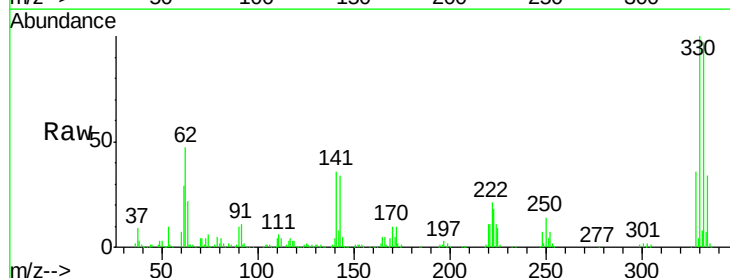
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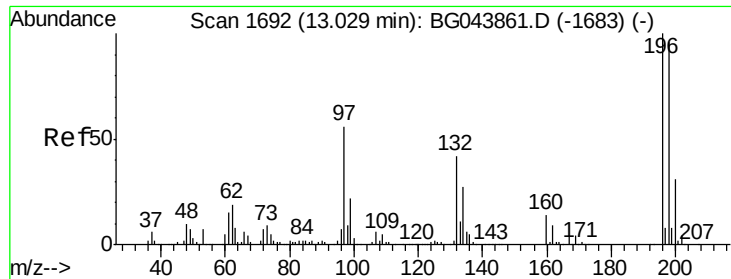
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#42
2,4,6-Tribromophenol
Concen: 140.272 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.2	115.8
141	37.6	33.1	49.7





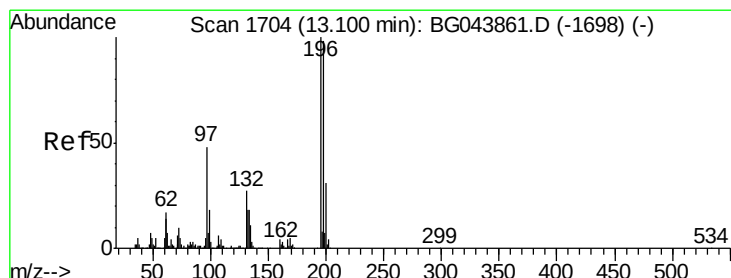
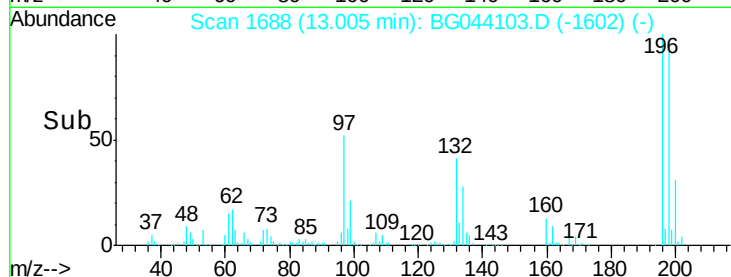
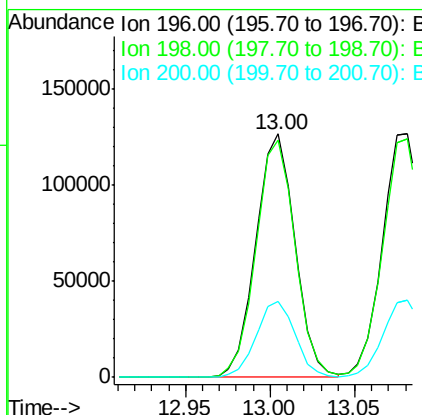
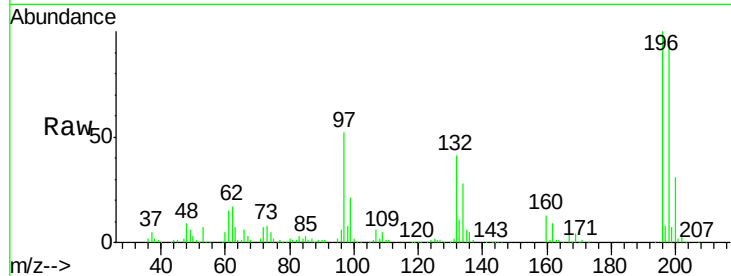
#43
 2,4,6-Trichlorophenol
 Concen: 44.166 ng
 RT: 13.00 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203834		
198	97.2	76.6	115.0	
200	31.3	24.6	37.0	

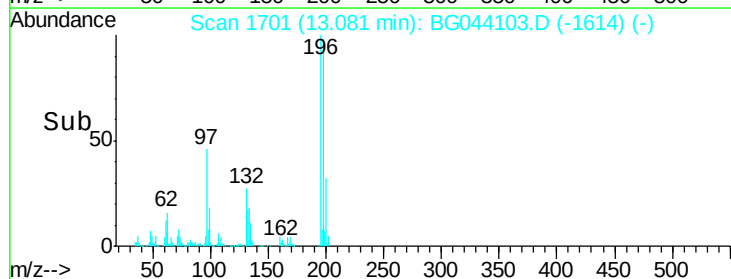
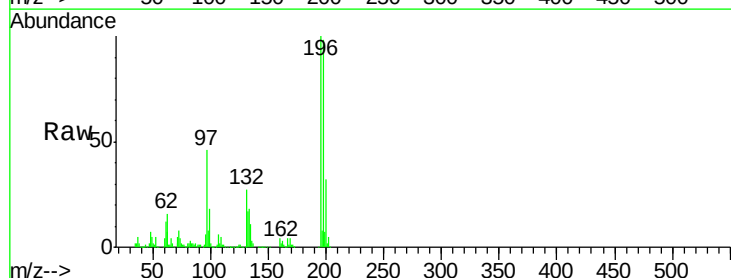
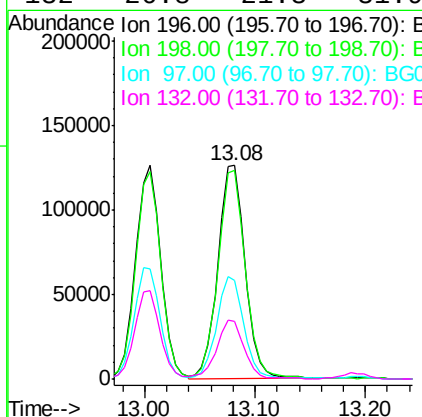
Manual Integrations
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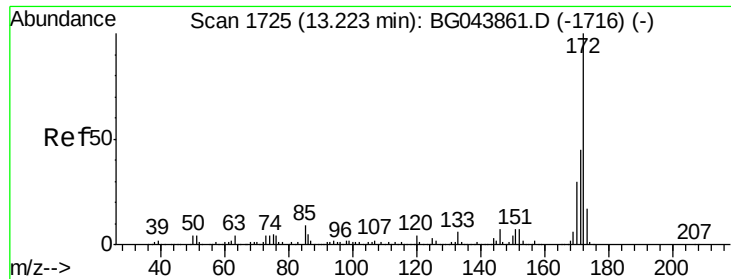
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.913 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218547		
198	98.1	78.3	117.5	
97	46.0	38.8	58.2	
132	26.8	21.3	31.9	





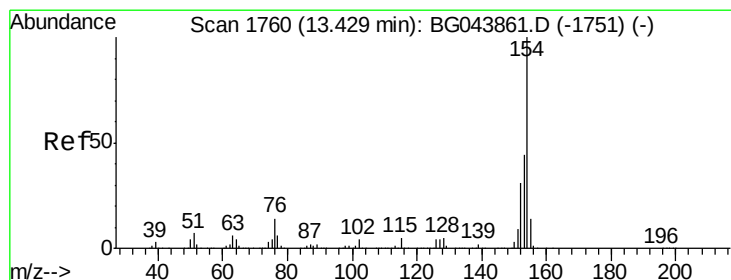
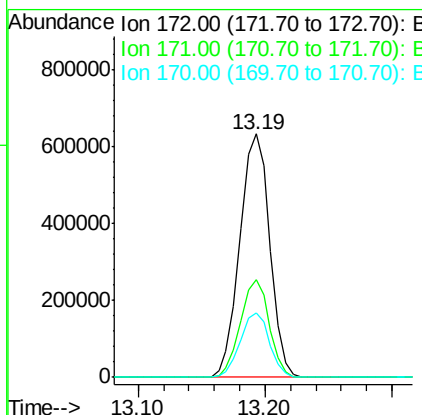
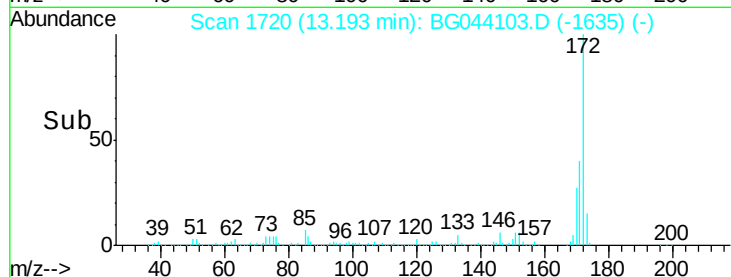
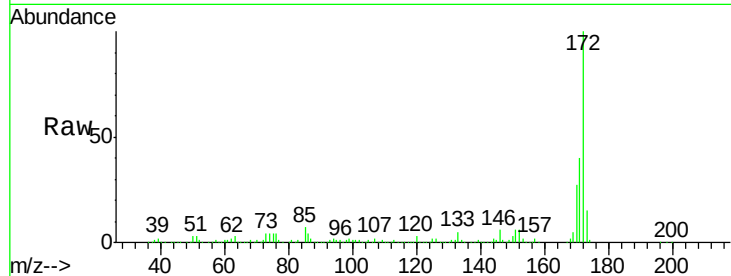
#45
2-Fluorobiphenyl
Concen: 82.009 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	35.8	53.8
170	26.6	24.2	36.4

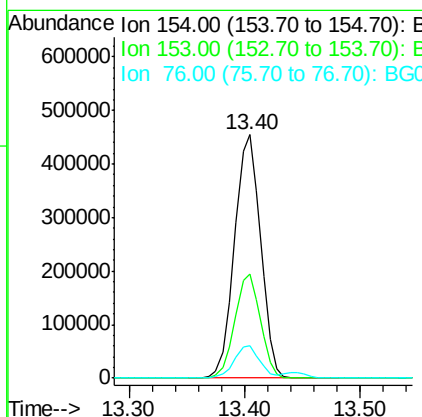
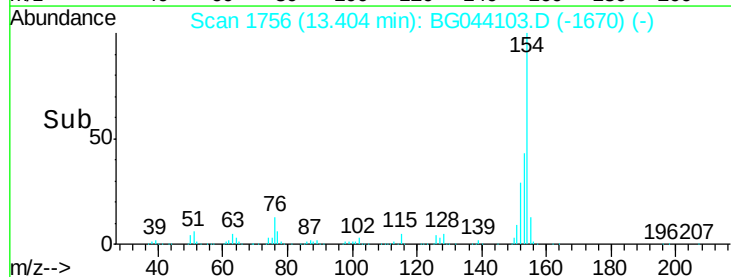
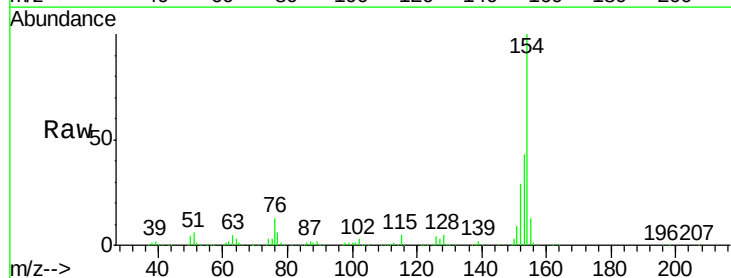
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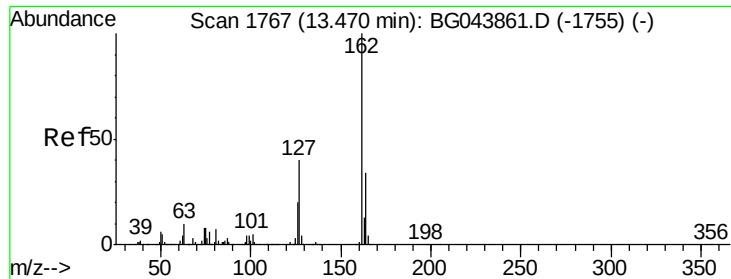
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#46
1,1'-Biphenyl
Concen: 43.220 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.6	63.6
76	13.2	0.0	34.4





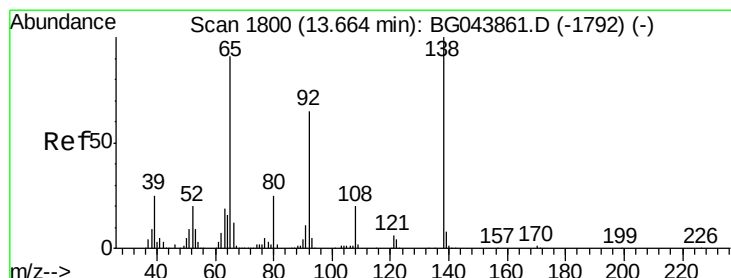
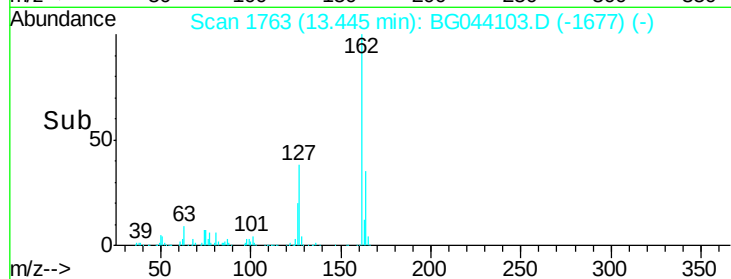
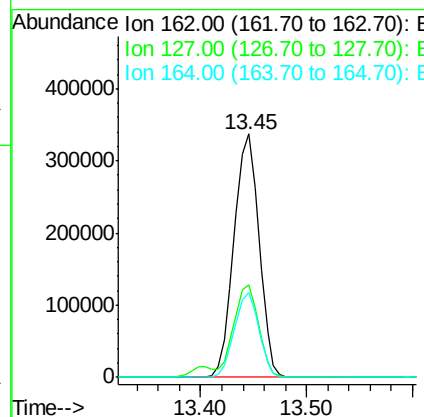
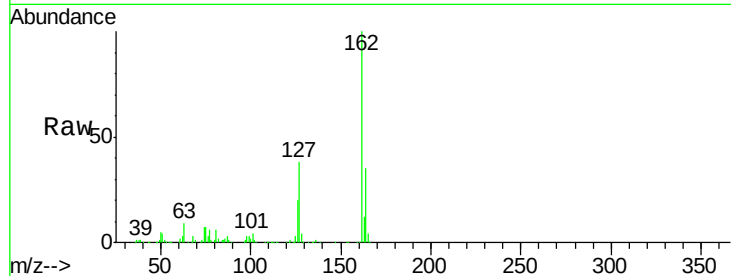
#47
2-Chloronaphthalene
Concen: 41.596 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	551488		
127	38.2		32.1	48.1
164	34.9		27.5	41.3

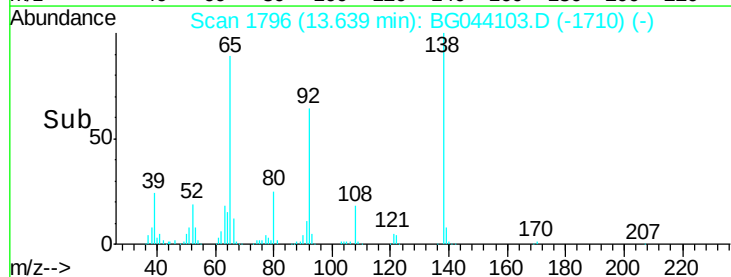
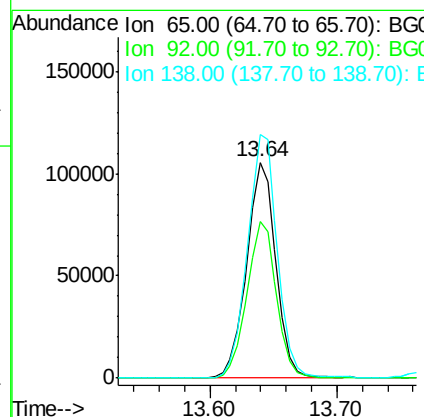
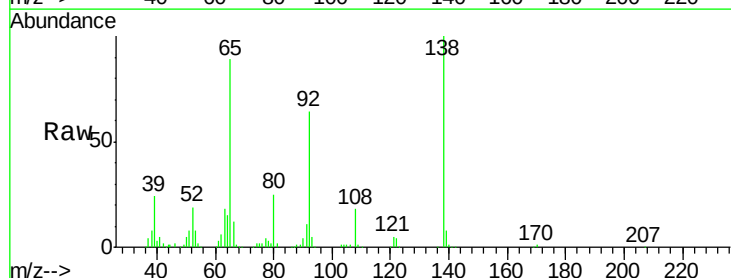
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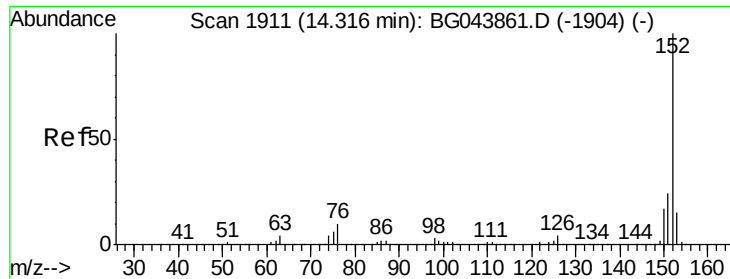
mohammad
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#48
2-Nitroaniline
Concen: 39.563 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	168729		
92	72.6		57.4	86.2
138	112.9		88.2	132.4





#49

Acenaphthylene

Concen: 46.541 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

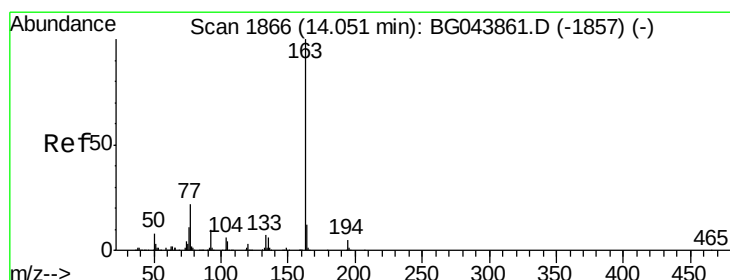
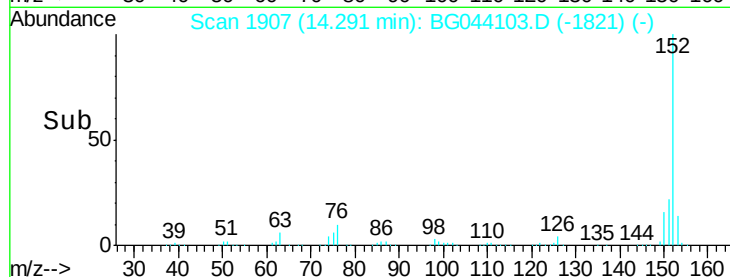
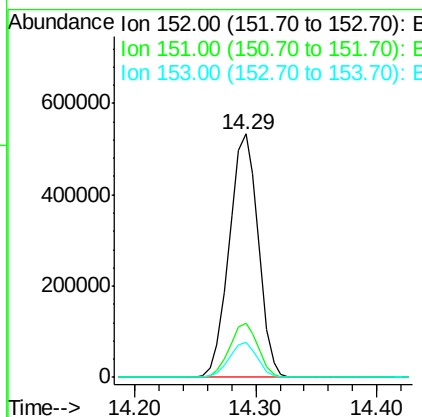
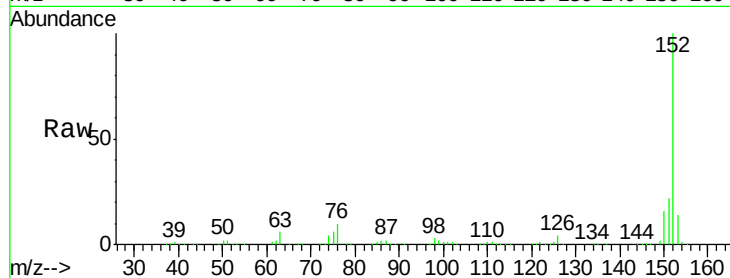
ClientSampleId :

PB126194BSD

Tot Ion:	152	Resp:	886899
Ion Ratio		Lower	Upper
152	100		
151	22.2	19.4	29.2
153	14.4	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.758 ng

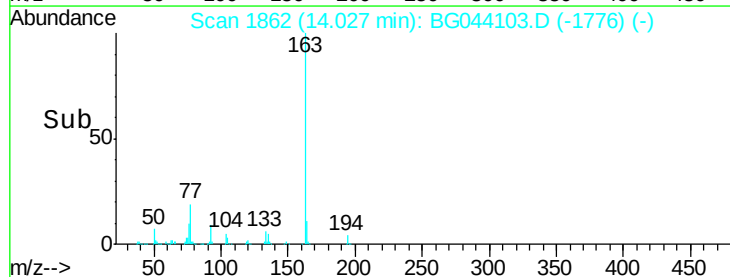
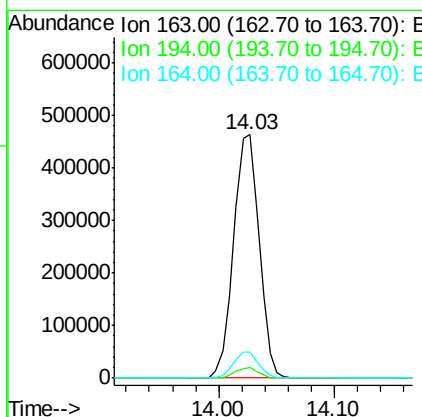
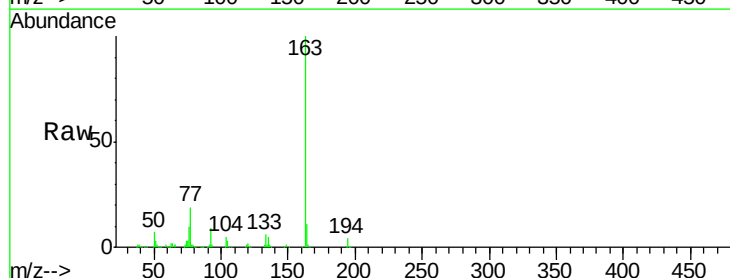
RT: 14.03 min Scan# 1862

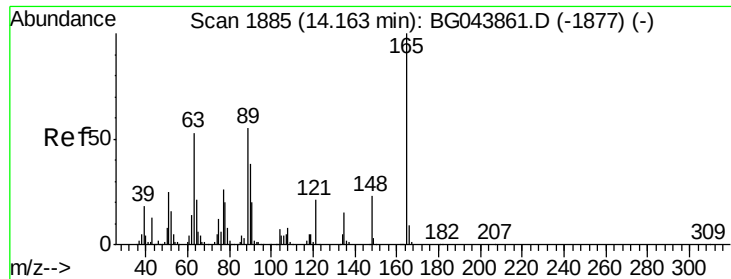
Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion:	163	Resp:	711015
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.8	9.3	13.9





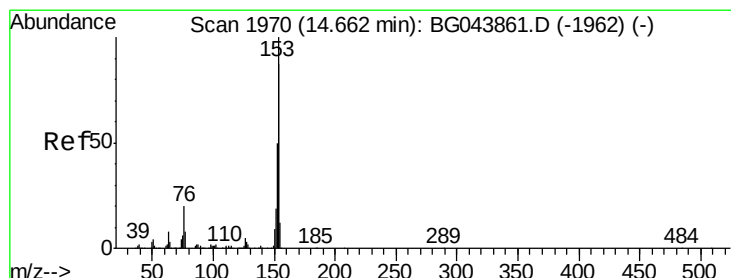
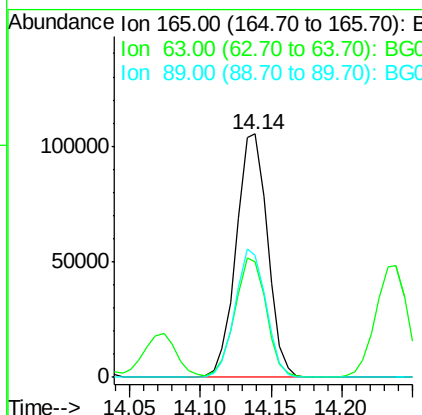
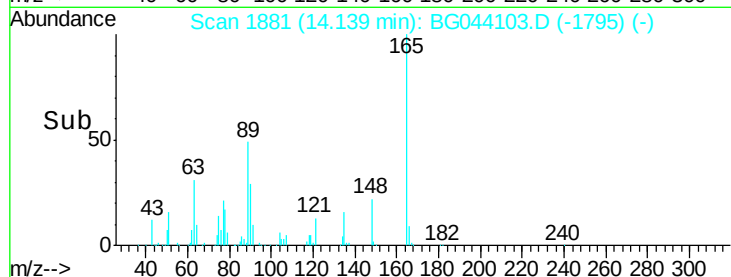
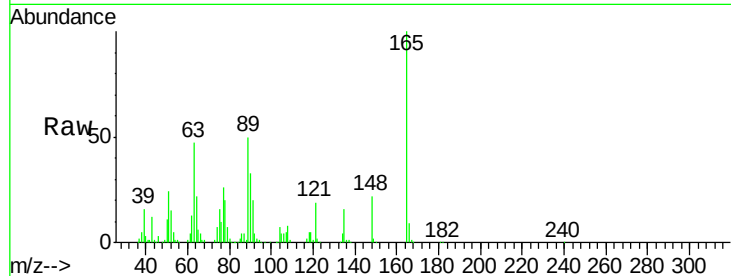
#51
 2,6-Dinitrotoluene
 Concen: 44.500 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163431		
63	47.4		43.1	64.7
89	50.3		43.8	65.6

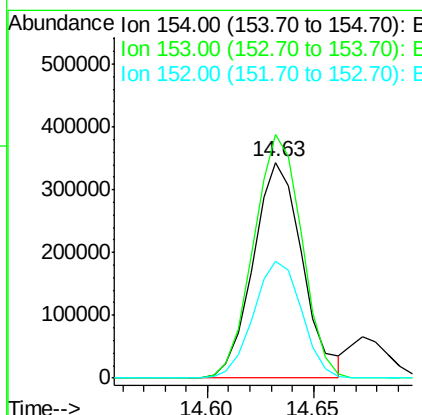
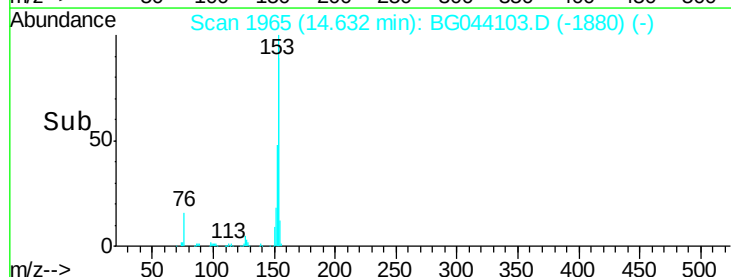
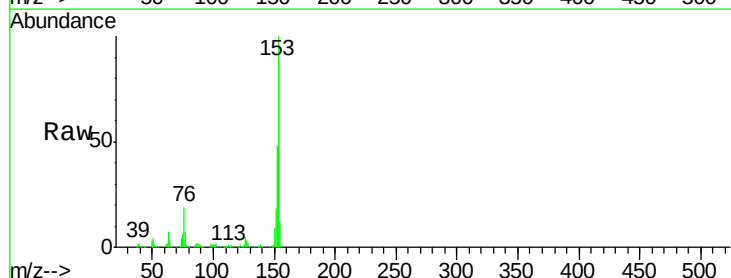
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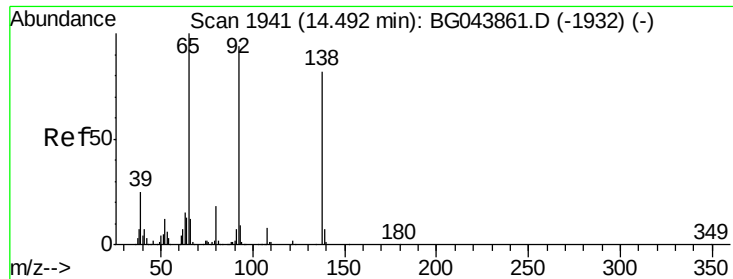
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#52
 Acenaphthene
 Concen: 41.652 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	556627		
153	112.9		91.6	137.4
152	54.2		45.4	68.0





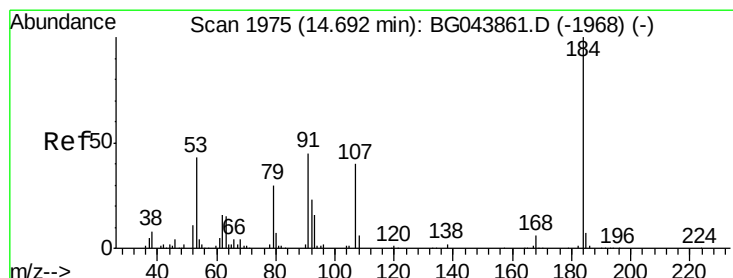
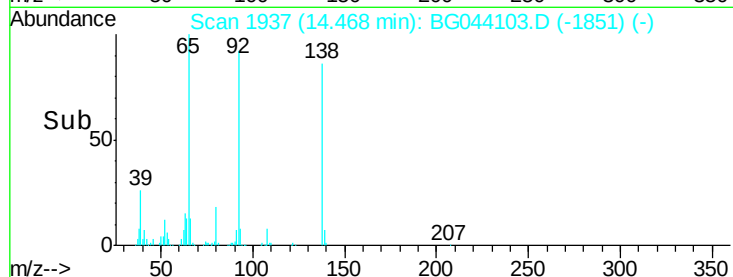
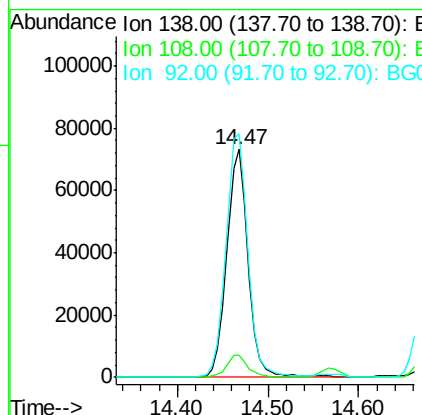
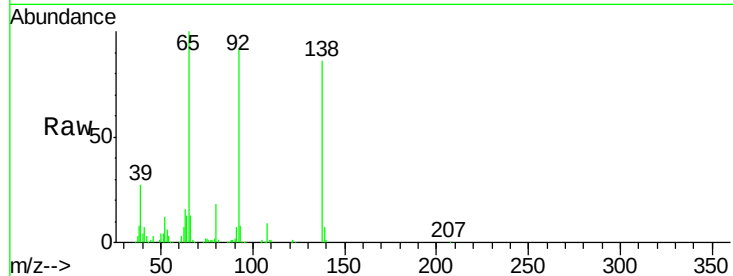
#53
3-Nitroaniline
Concen: 28.575 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	119175		
108	9.9	7.4	11.2	
92	106.7	92.1	138.1	

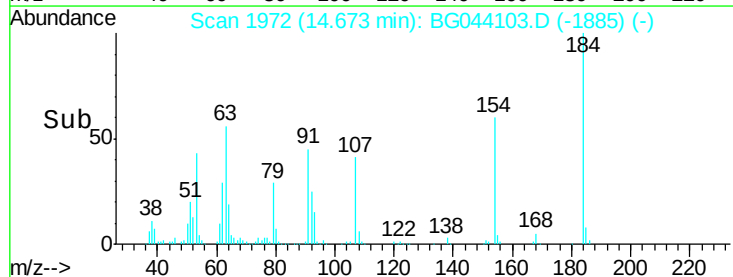
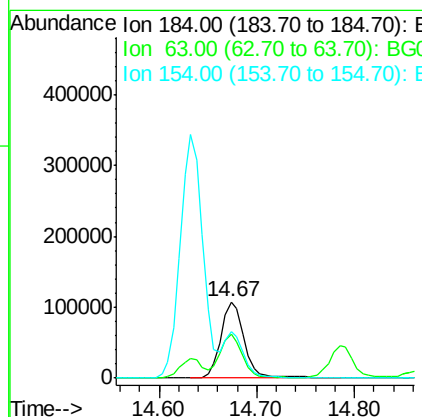
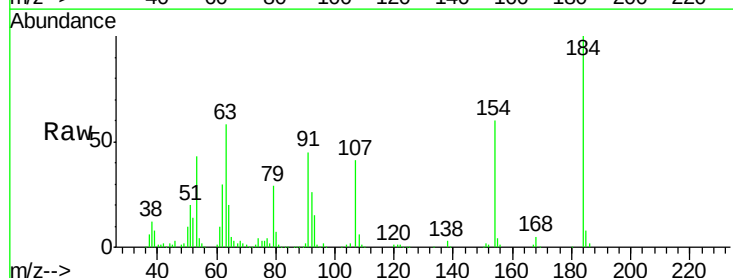
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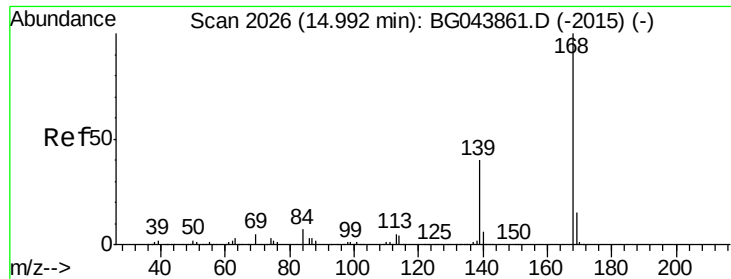
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#54
2,4-Dinitrophenol
Concen: 95.124 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	180059		
63	57.7	46.6	70.0	
154	60.4	50.2	75.4	





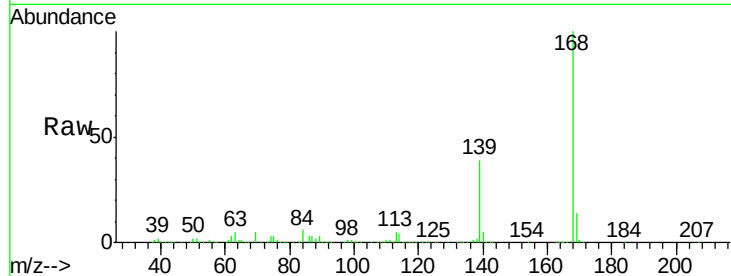
#55
Dibenzenofuran
Concen: 46.082 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	32.2	48.2
169	14.3	12.2	18.2

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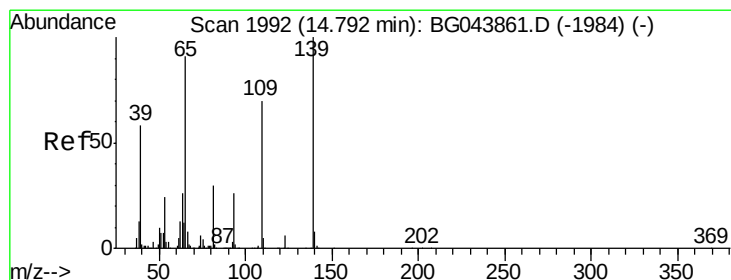
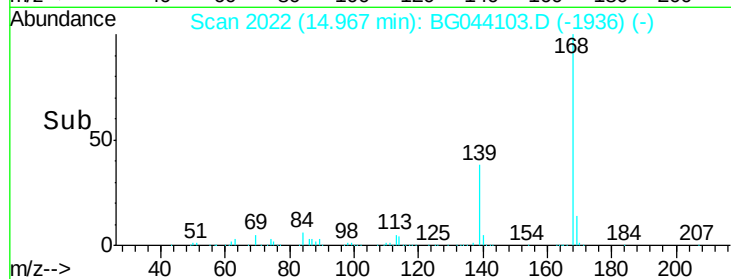
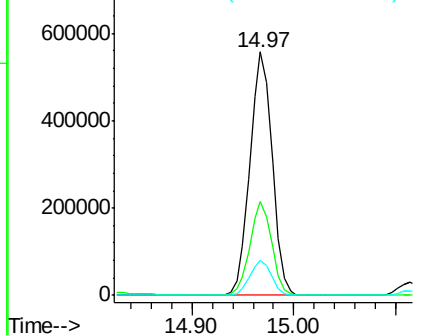


Abundance

Ion 168.00 (167.70 to 168.70): E

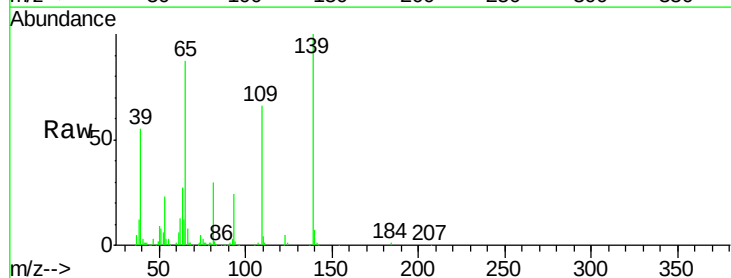
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 94.830 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	50.4	90.4
65	86.6	71.4	111.4

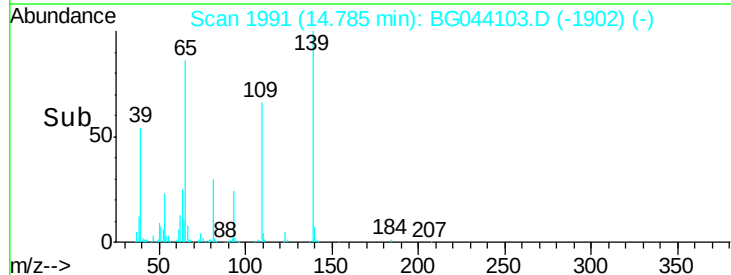
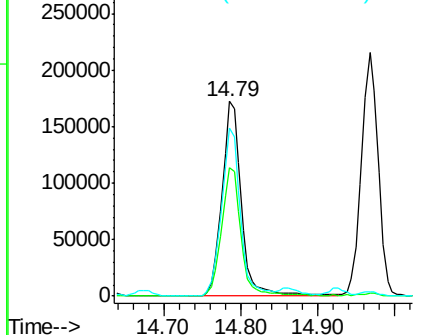


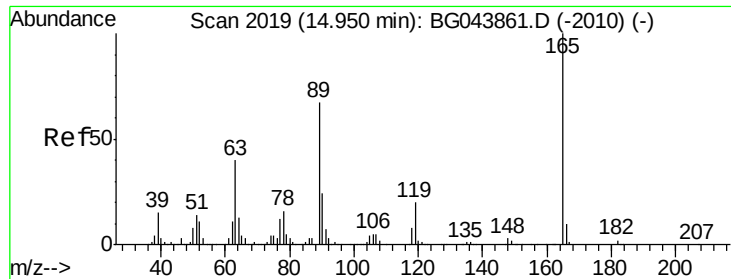
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





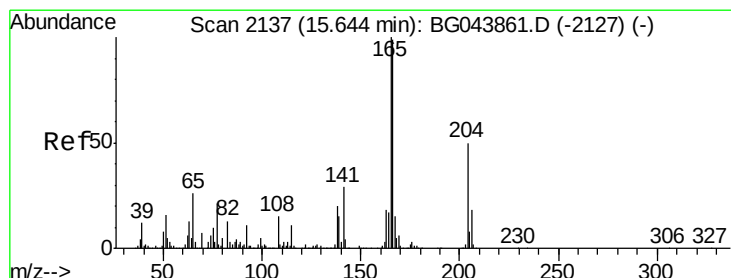
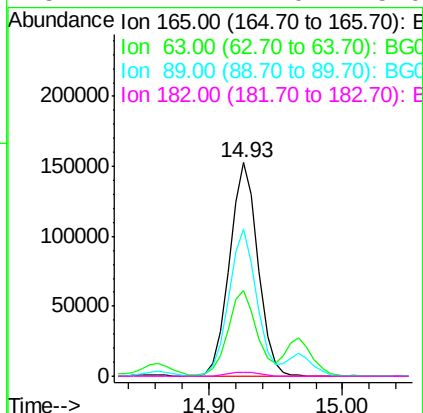
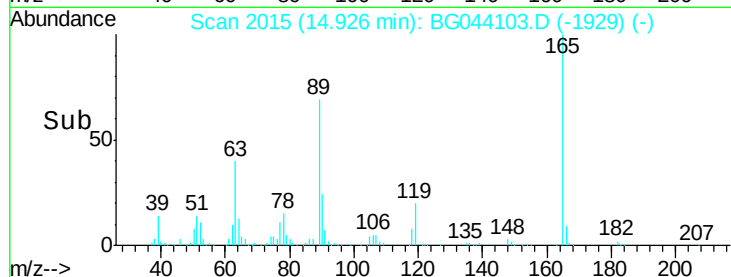
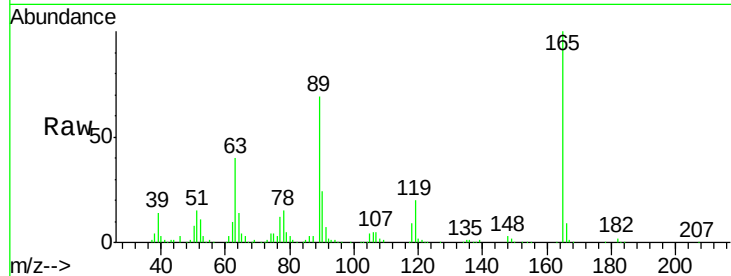
#57
2,4-Dinitrotoluene
Concen: 45.412 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.1	31.9	47.9	
89	68.9	53.8	80.6	
182	2.1	2.0	3.0	

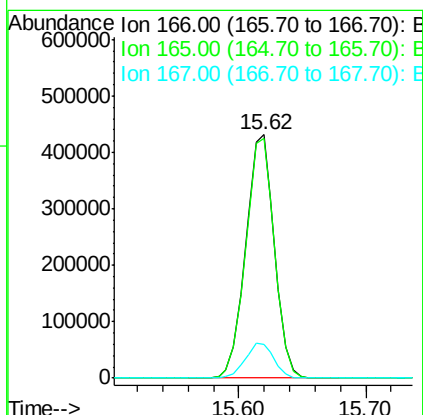
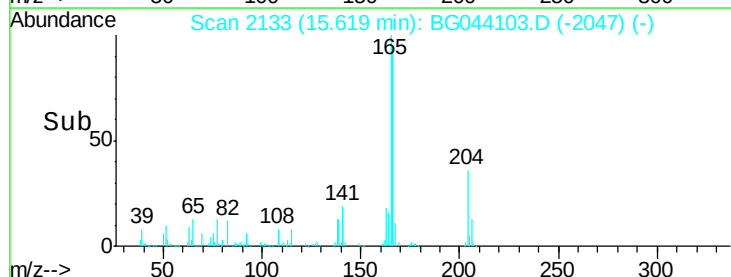
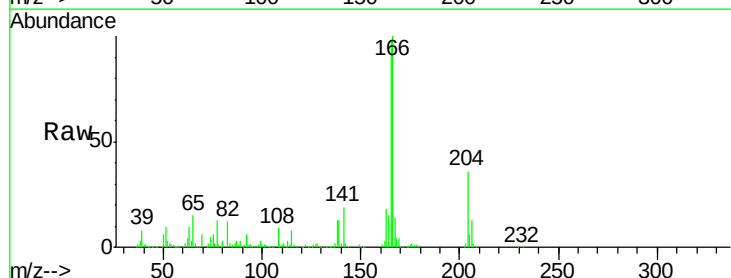
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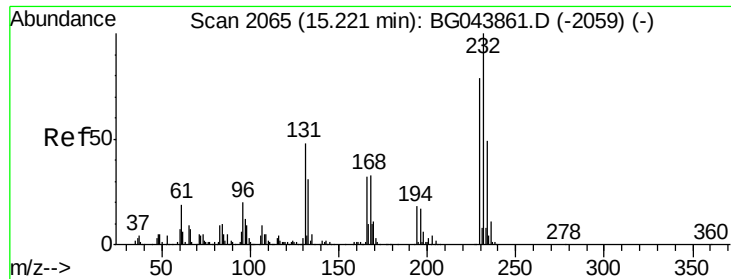
mohammad
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#58
Fluorene
Concen: 46.093 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	80.8	121.2	
167	14.0	12.1	18.1	





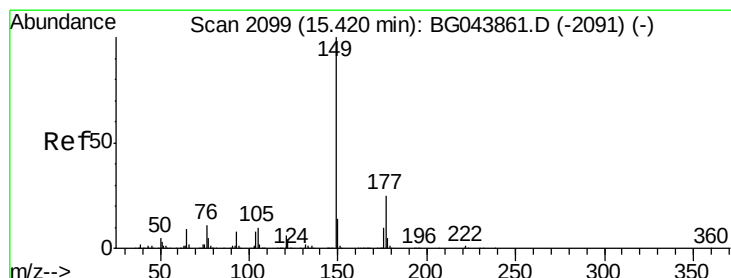
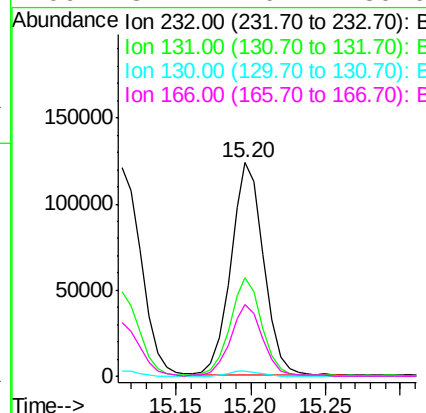
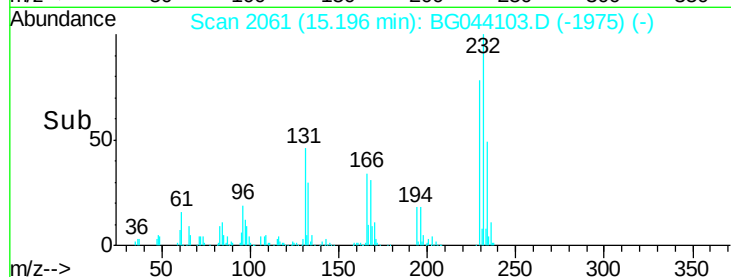
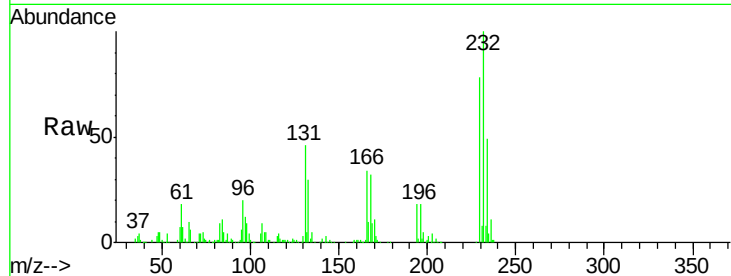
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.232 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	189233		
131	44.8	38.2	57.2	
130	2.6	2.2	3.2	
166	32.7	26.4	39.6	

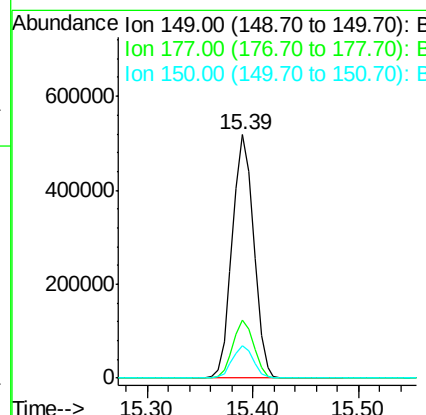
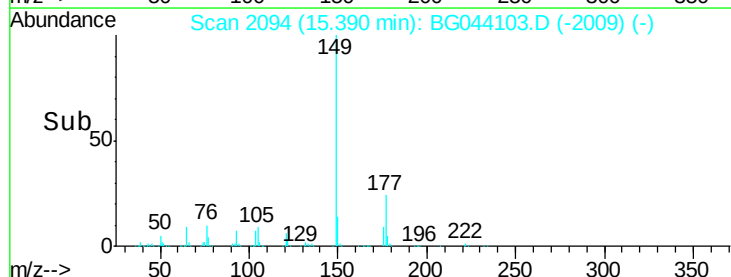
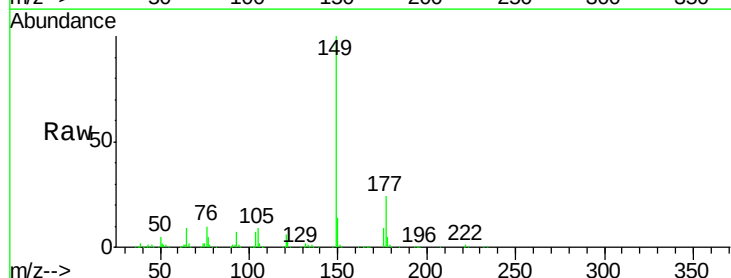
Manual Integrations
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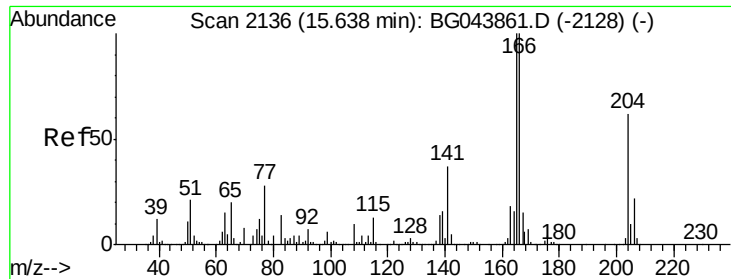
mohammad
 1/21/2020 2:25:26 PM



#60
 Diethylphthalate
 Concen: 44.761 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	727446		
177	23.9	20.0	30.0	
150	13.5	11.1	16.7	





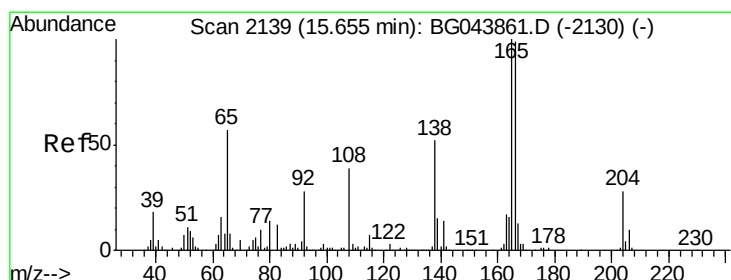
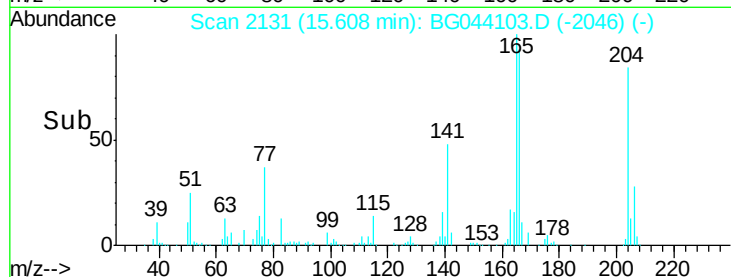
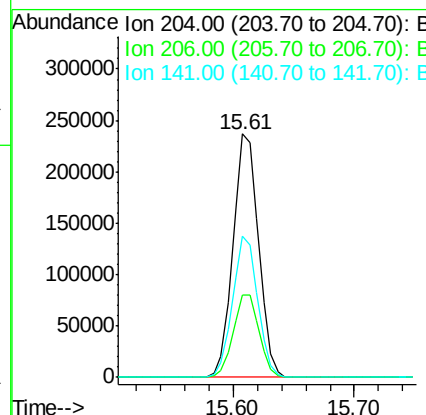
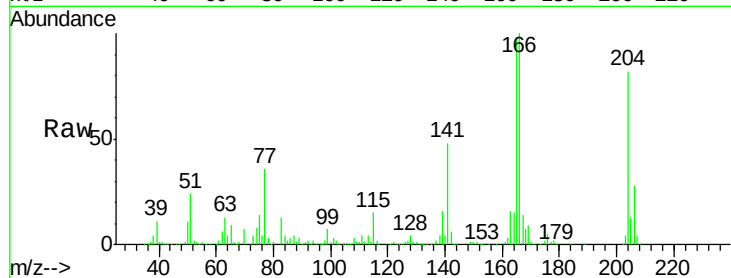
#61
4-Chlorophenyl-phenylether
Concen: 43.831 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.2	42.2
141	57.9	48.2	72.2

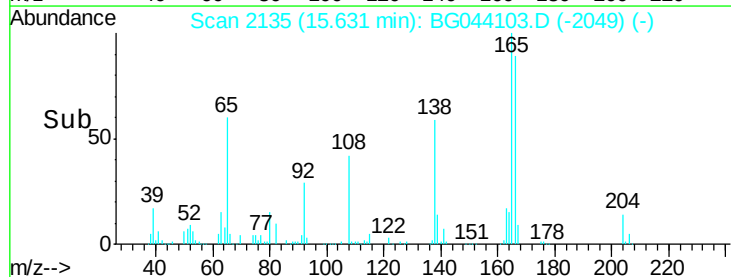
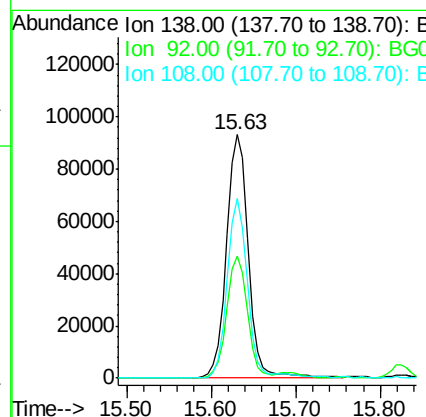
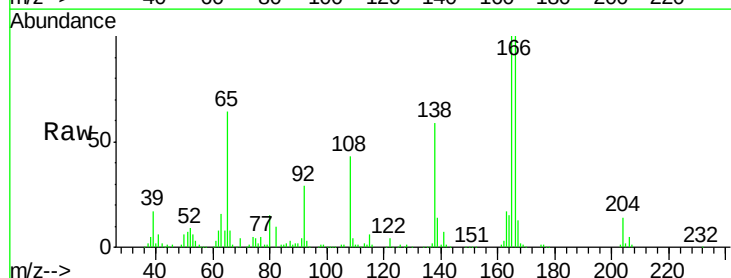
Manual Integrations
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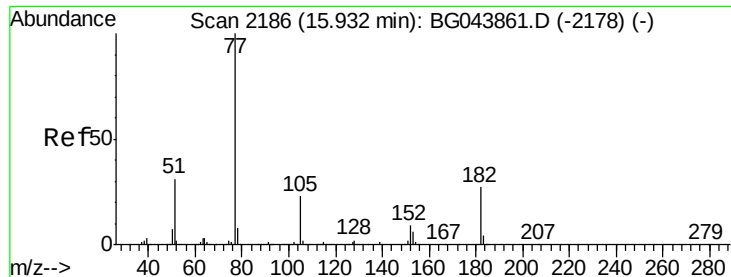
mohammad
1/21/2020 2:25:26 PM



#62
4-Nitroaniline
Concen: 40.545 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	34.3	74.3
108	73.9	55.0	95.0





#63

Azobenzene

Concen: 44.600 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

Tot Ion: 77 Resp: 672213

Ion Ratio Lower Upper

77 100

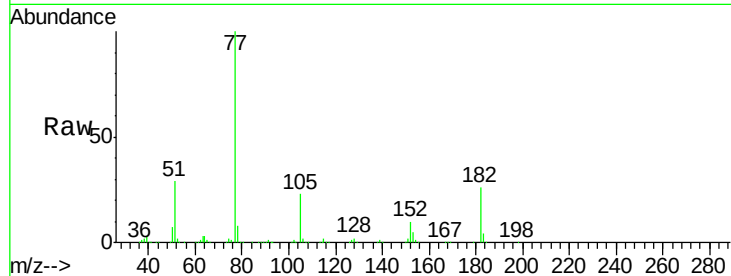
182 25.8 7.3 47.3

105 22.8 3.2 43.2

51 28.9 10.6 50.6

Manual Integrations
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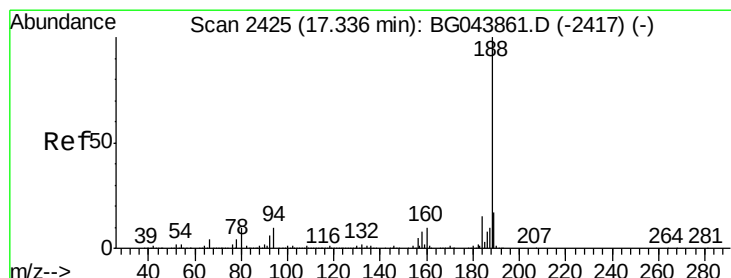
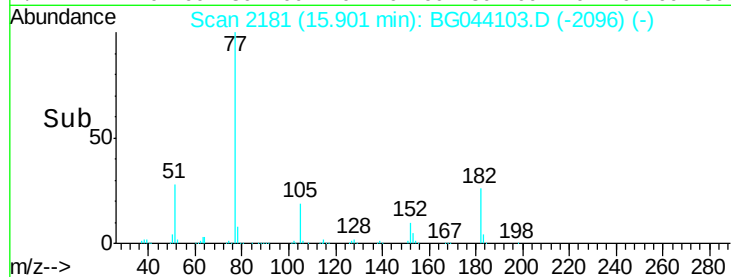
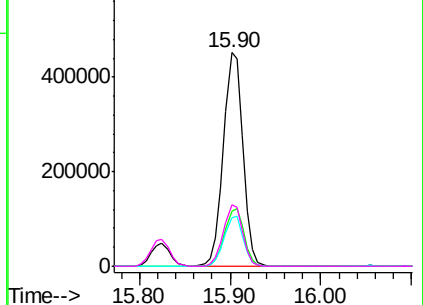


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

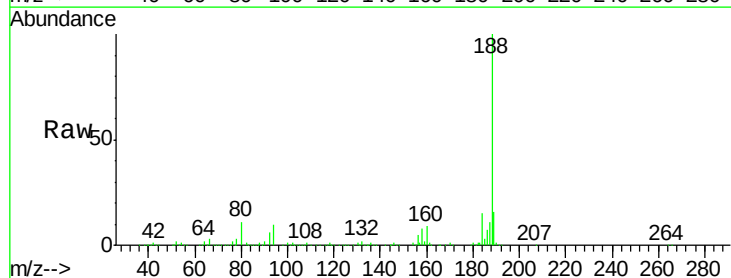
Tgt Ion: 188 Resp: 498144

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

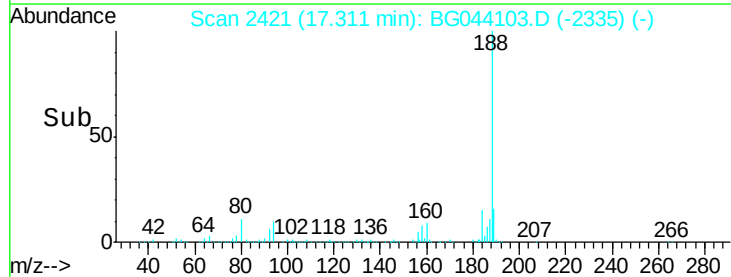
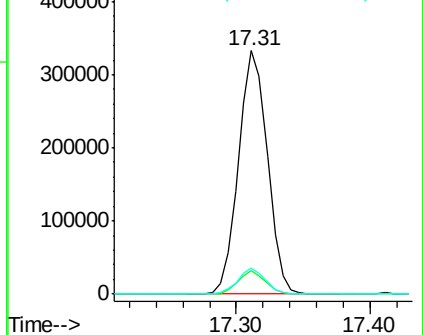
80 10.6 8.2 12.4

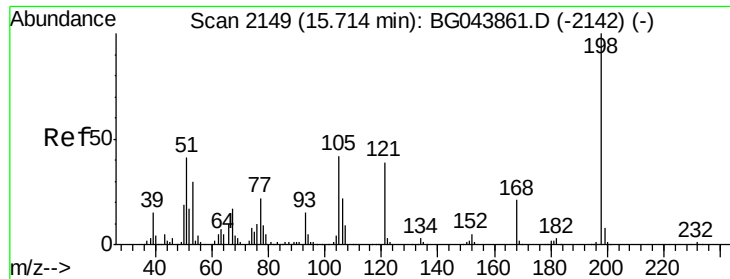


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





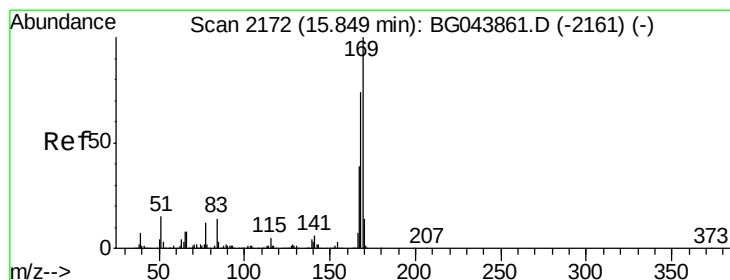
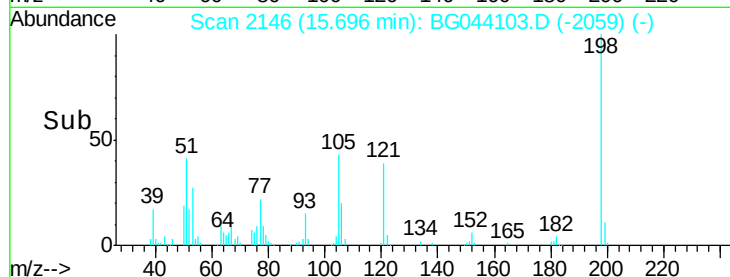
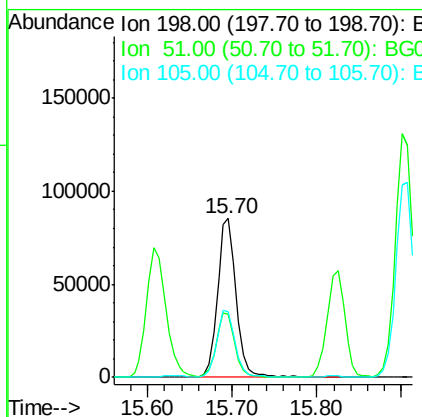
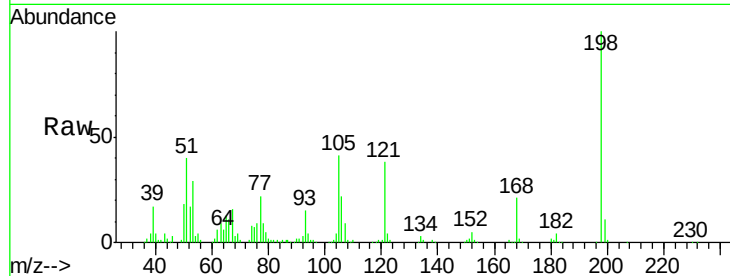
#65
4,6-Dinitro-2-methylphenol
Concen: 50.990 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131641		
51	39.6	22.5	62.5	
105	41.3	22.3	62.3	

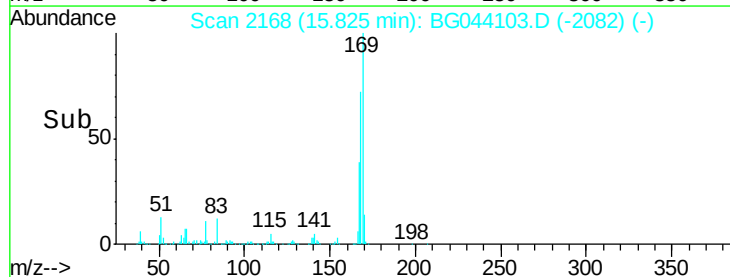
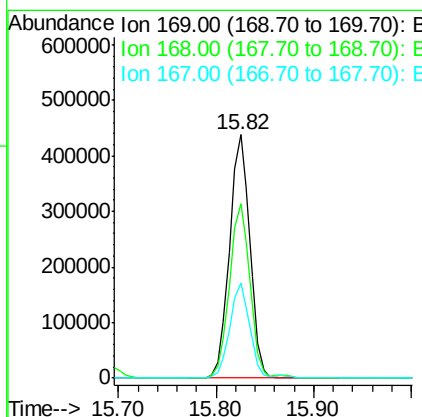
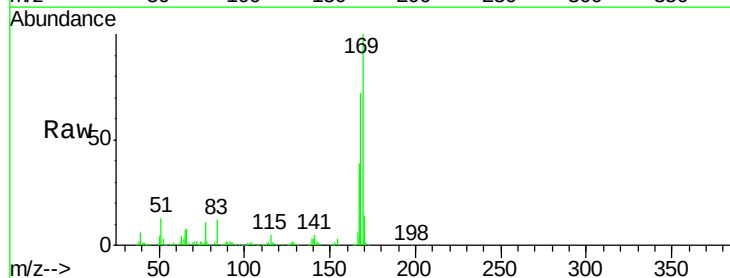
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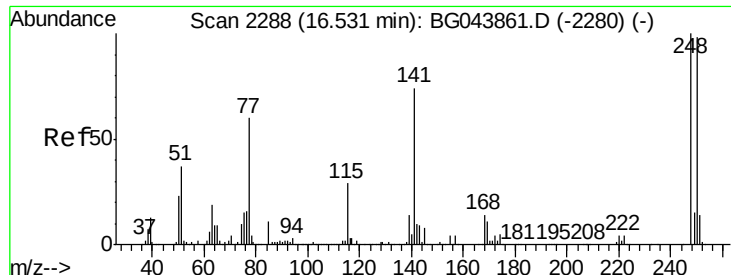
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.121 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	632571		
168	71.7	59.0	88.6	
167	38.9	31.4	47.0	





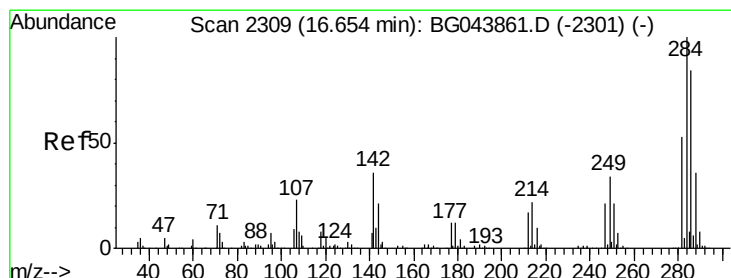
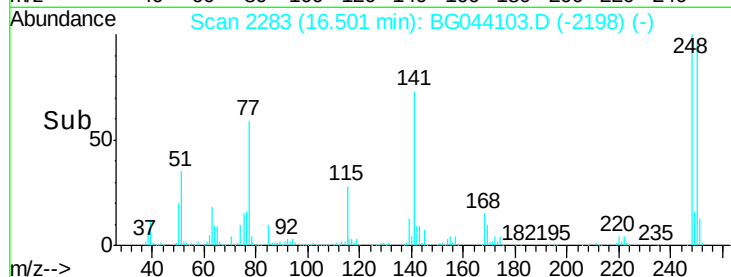
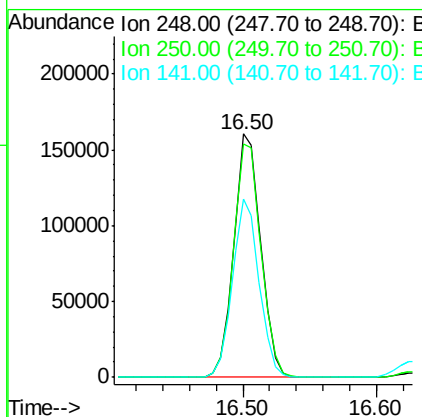
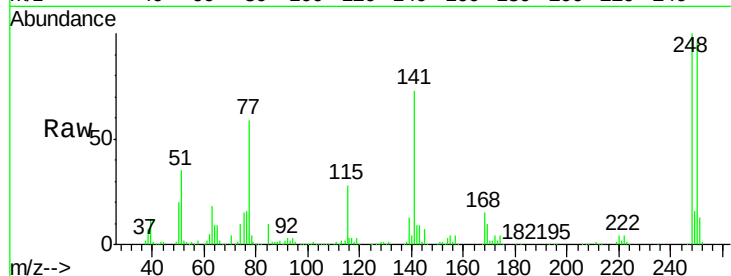
#67
 4-Bromophenyl-phenylether
 Concen: 40.160 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.2	117.2
141	73.3	59.3	88.9

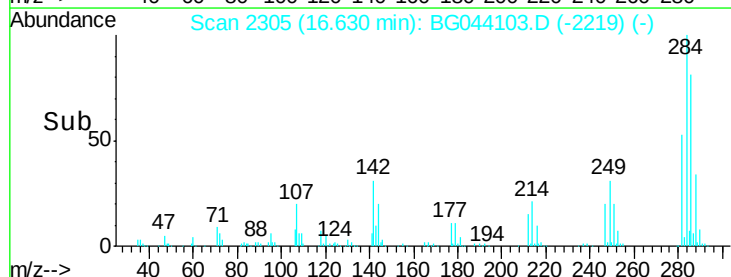
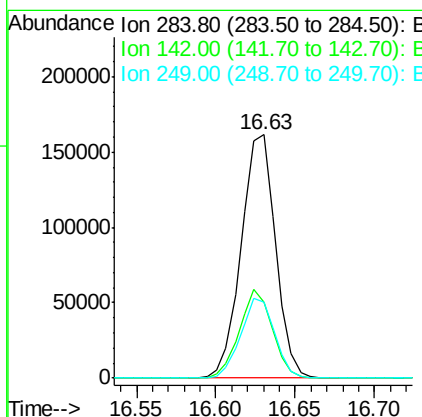
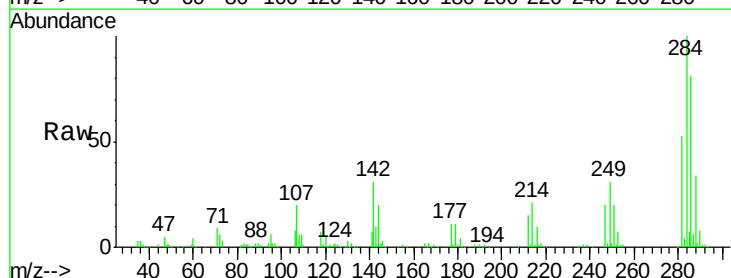
Manual Integrations
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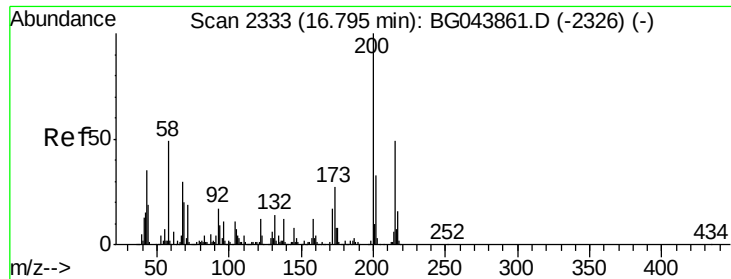
mohammad
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#68
 Hexachlorobenzene
 Concen: 40.214 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	28.6	43.0
249	31.2	27.0	40.6





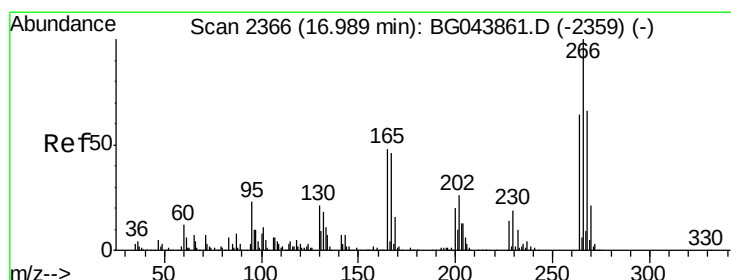
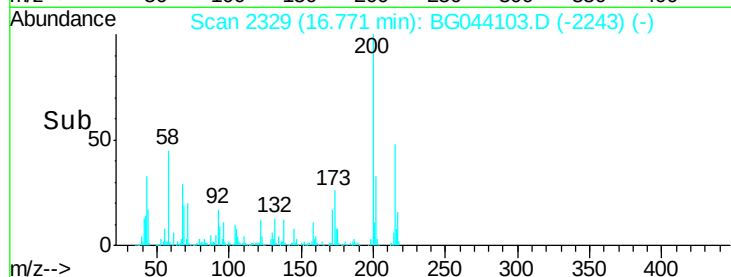
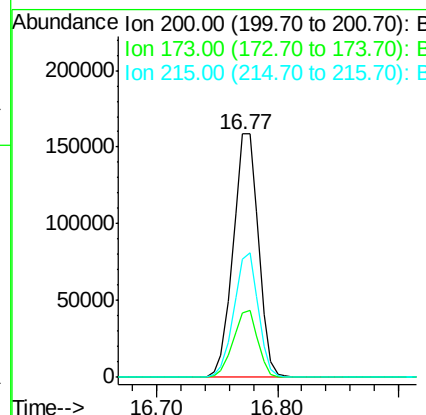
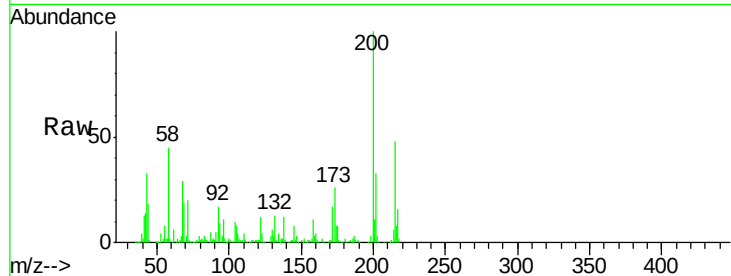
#69
 Atrazine
 Concen: 48.547 ng
 RT: 16.77 min Scan# 2329
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	6.6	46.6
215	48.3	28.6	68.6

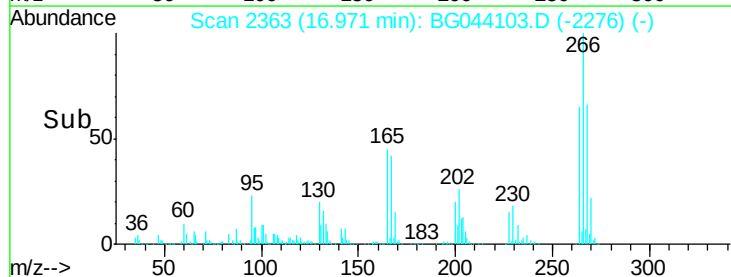
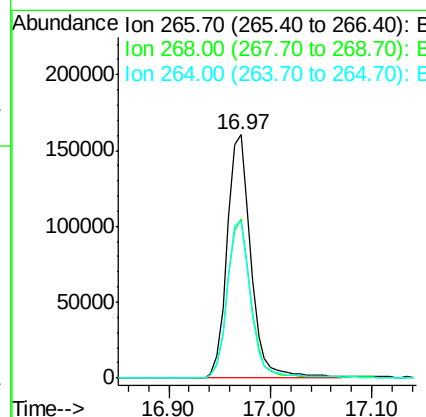
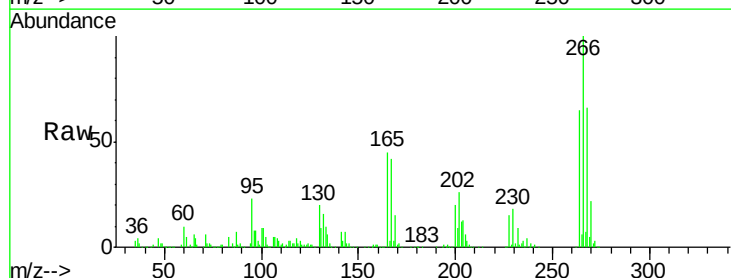
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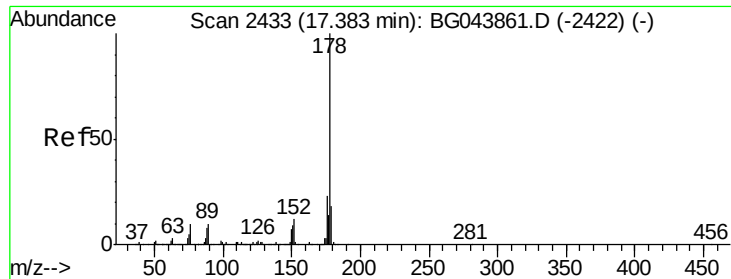
mohammad
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#70
 Pentachlorophenol
 Concen: 78.669 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	52.6	79.0
264	64.6	50.8	76.2





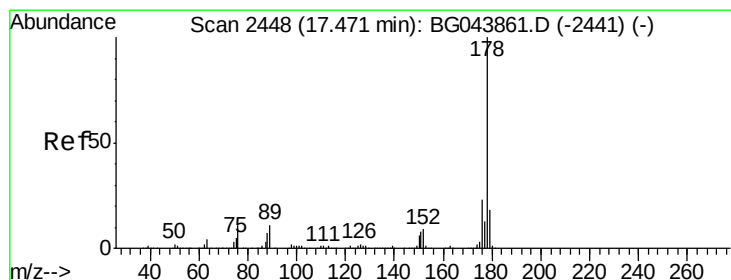
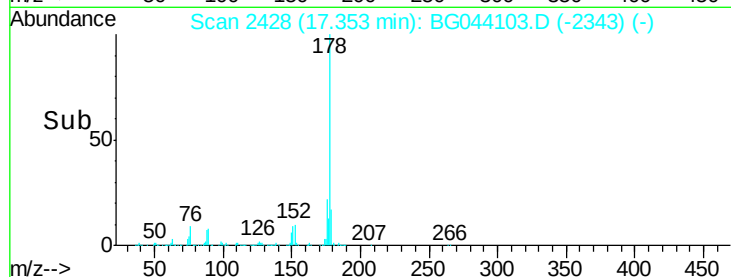
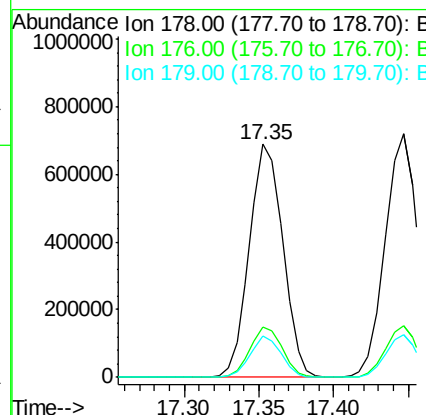
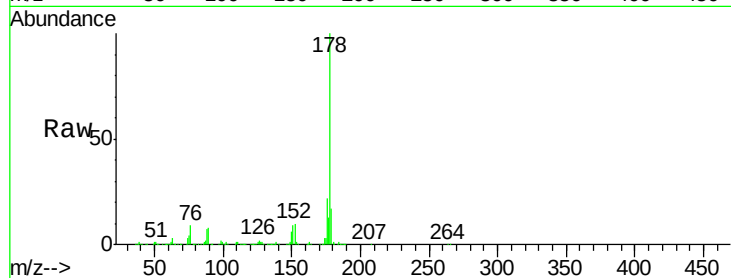
#71
Phenanthrene
Concen: 44.832 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion:178 Resp: 1071202
Ion Ratio Lower Upper
178 100
176 21.7 18.6 28.0
179 17.5 14.4 21.6

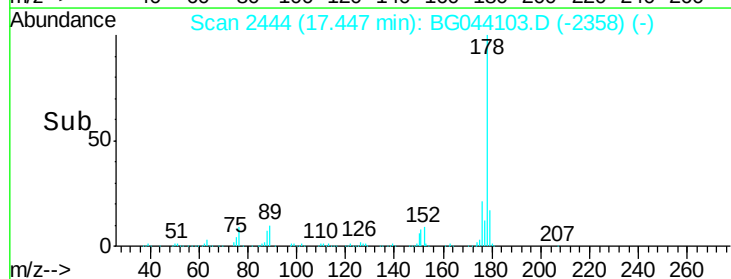
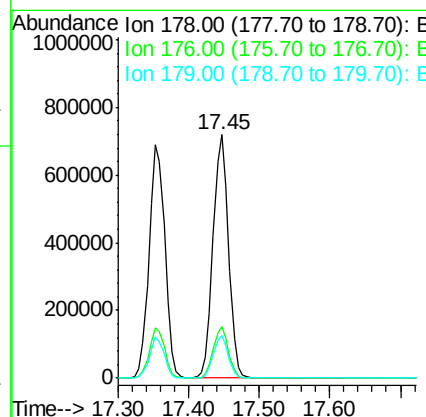
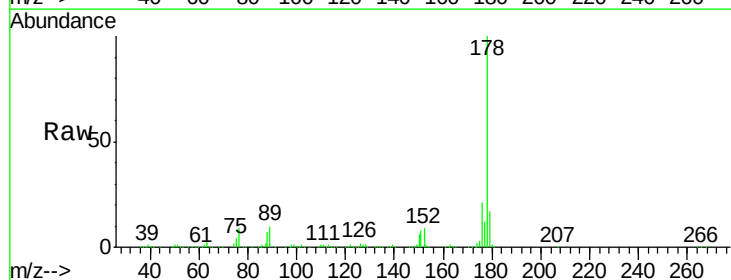
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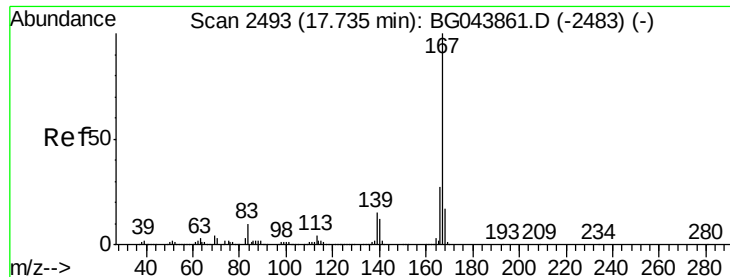
mohammad
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#72
Anthracene
Concen: 46.436 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:178 Resp: 1096512
Ion Ratio Lower Upper
178 100
176 21.3 18.3 27.5
179 17.3 14.6 22.0





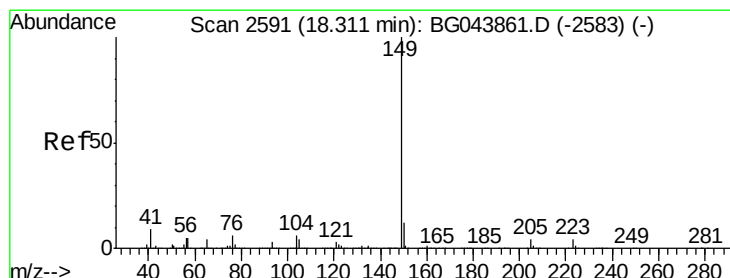
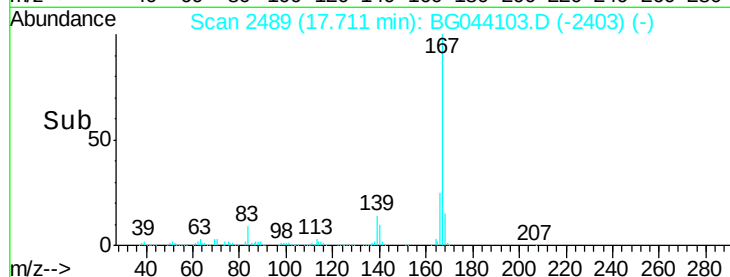
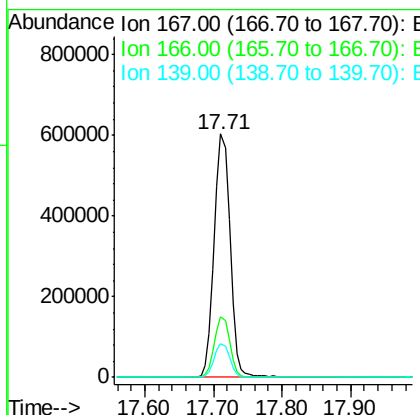
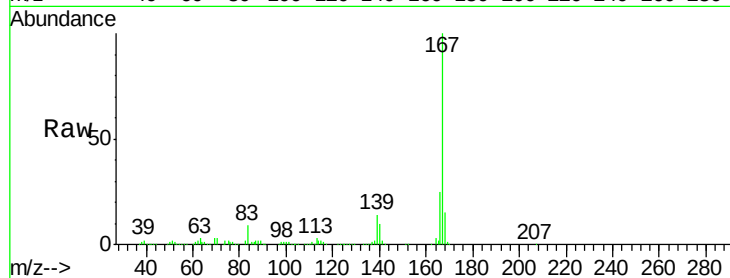
#73
 Carbazole
 Concen: 44.705 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	21.6	32.4
139	14.0	12.1	18.1

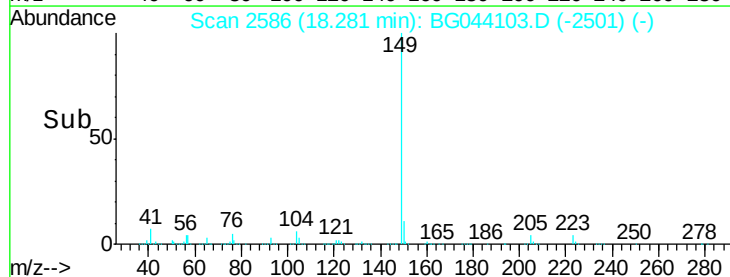
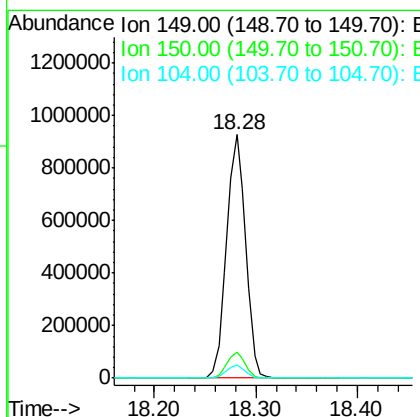
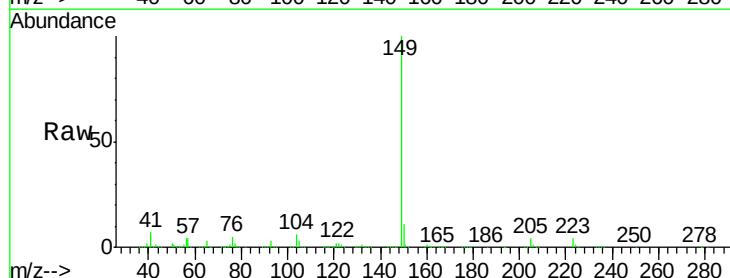
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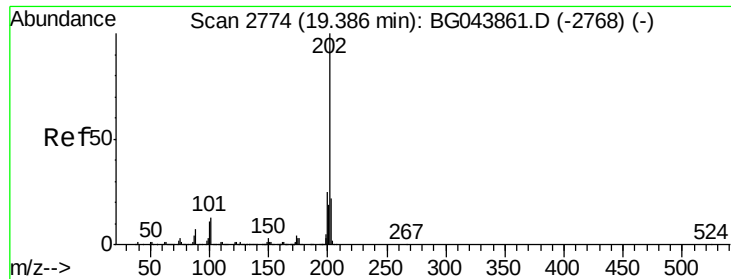
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.332 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 44.711 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

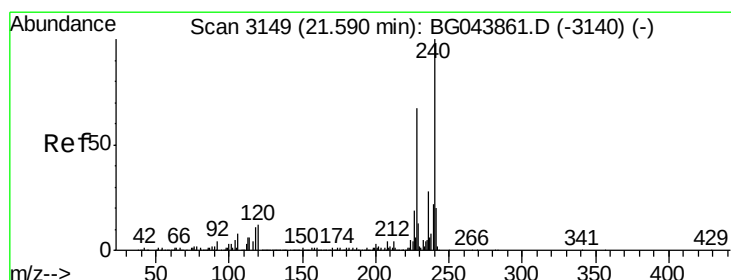
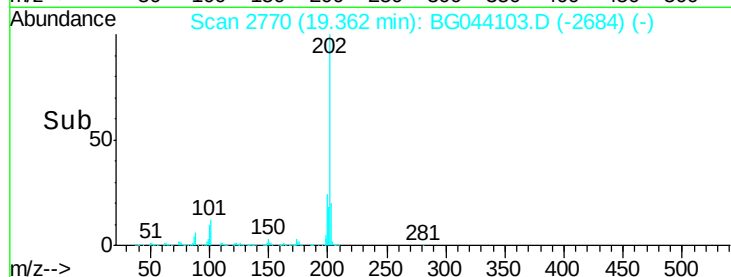
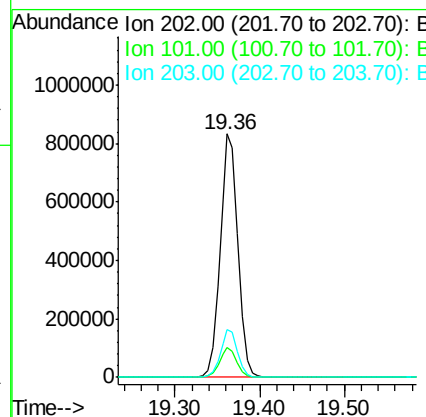
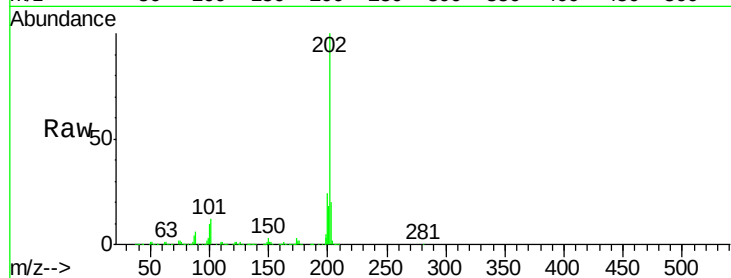
ClientSampleId :

PB126194BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.3
203	19.6	1.6	41.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

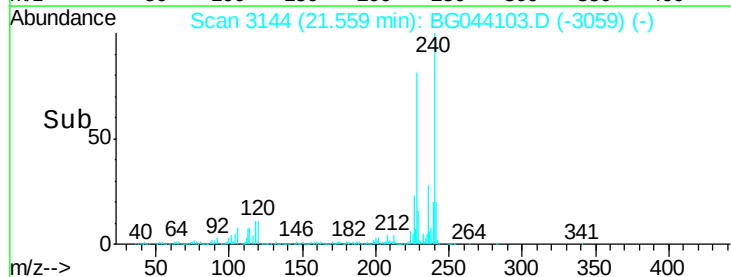
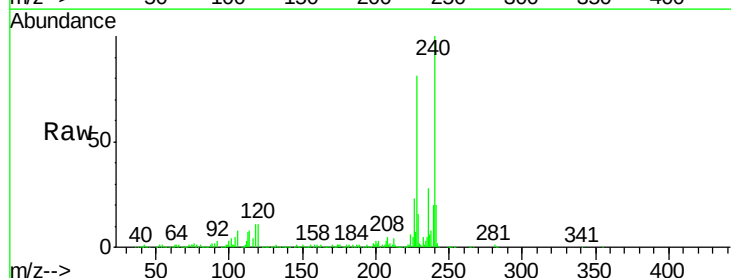
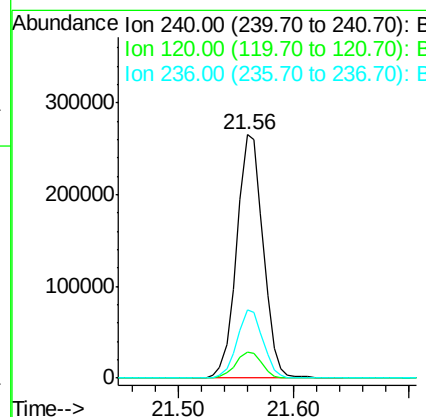
RT: 21.56 min Scan# 3144

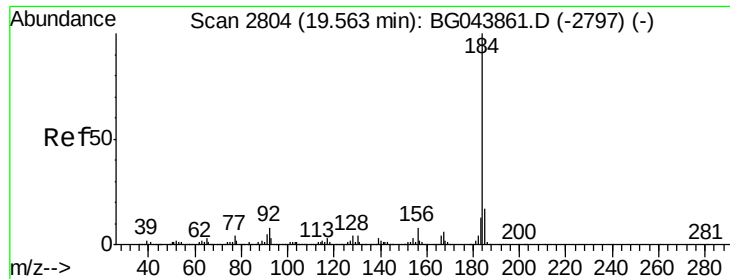
Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	28.1	22.2	33.2





#77

Benzidine

Concen: 48.519 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

Tot Ion:184 Resp: 512228

Ion Ratio Lower Upper

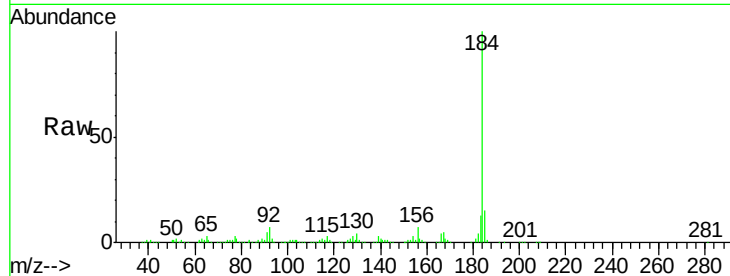
184 100

185 15.5 13.4 20.0

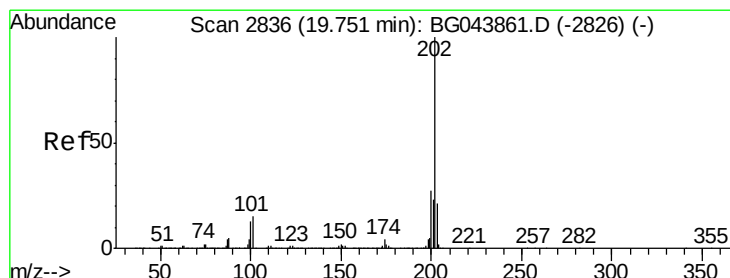
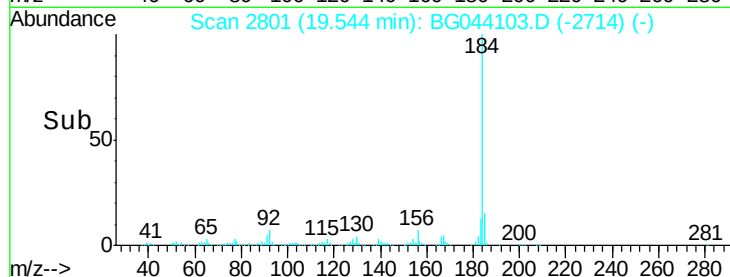
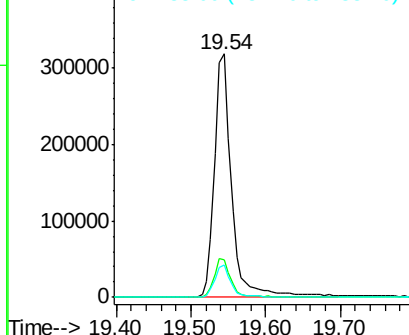
183 13.2 10.6 15.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.707 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

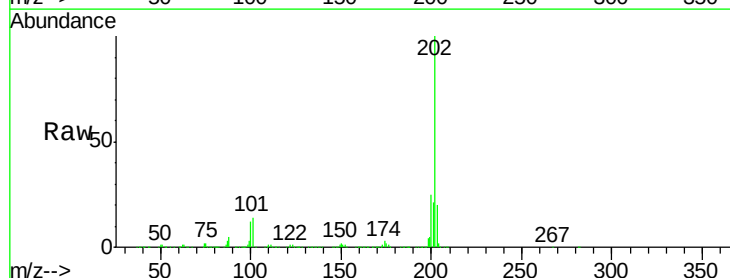
Tgt Ion:202 Resp: 1225671

Ion Ratio Lower Upper

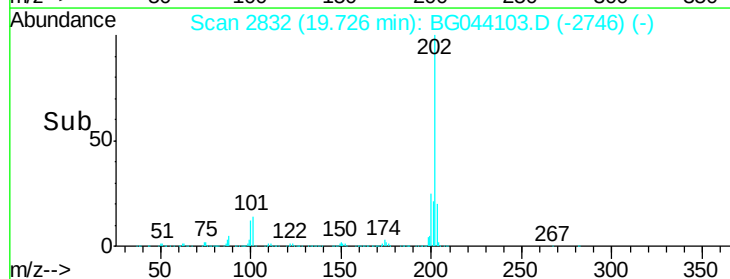
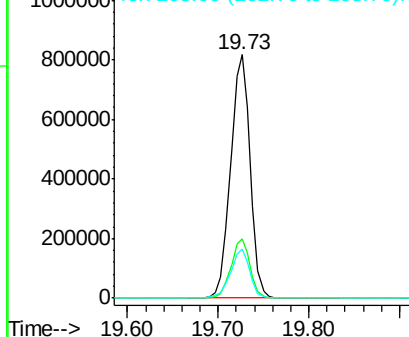
202 100

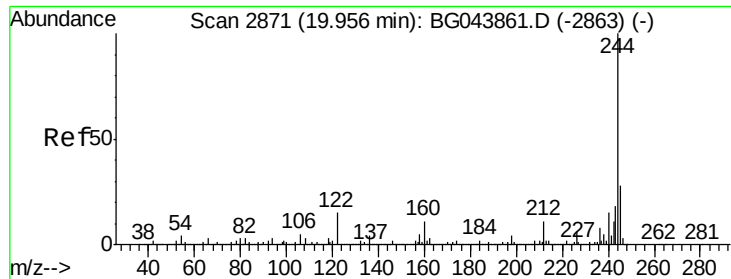
200 24.5 21.7 32.5

203 20.2 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





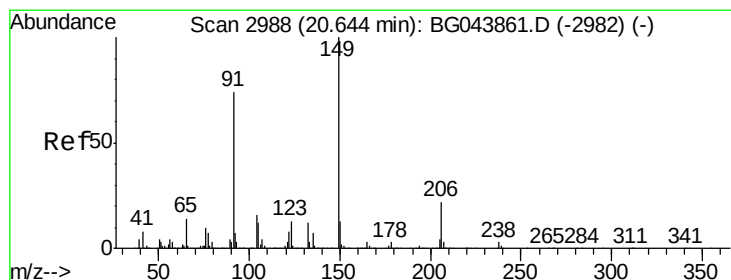
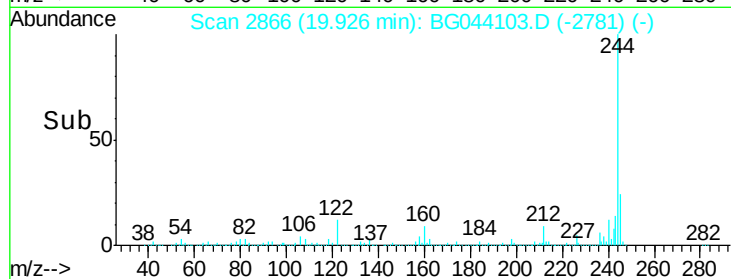
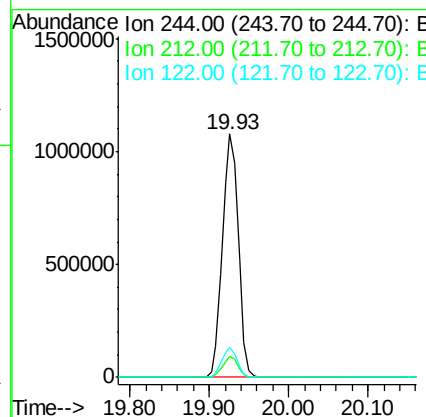
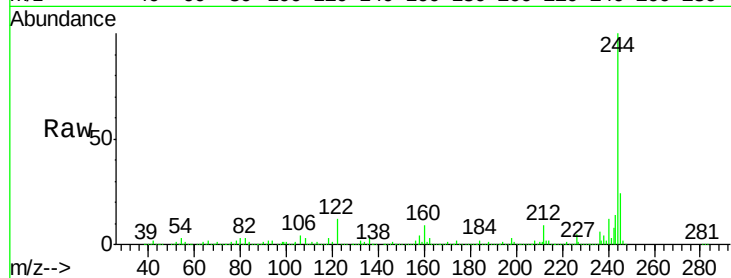
#79
 Terphenyl-d14
 Concen: 86.379 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.6	13.0
122	12.3	11.9	17.9

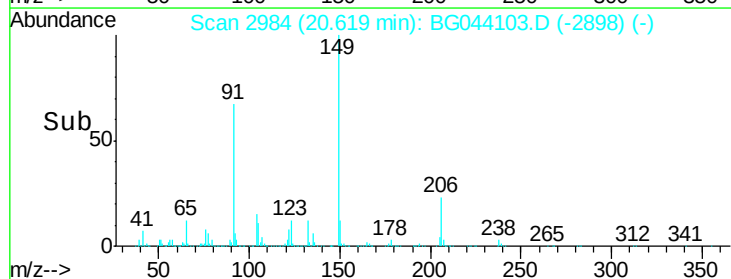
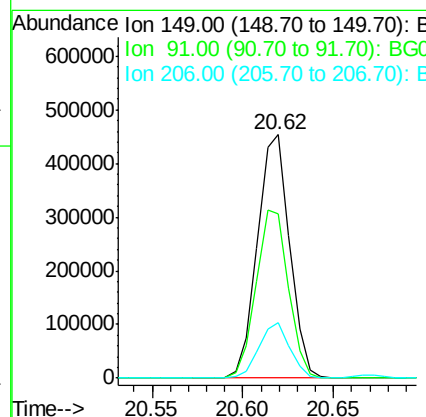
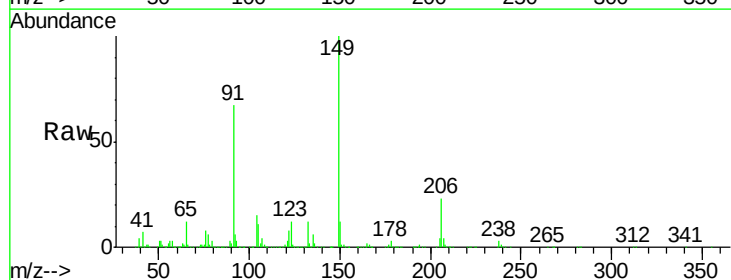
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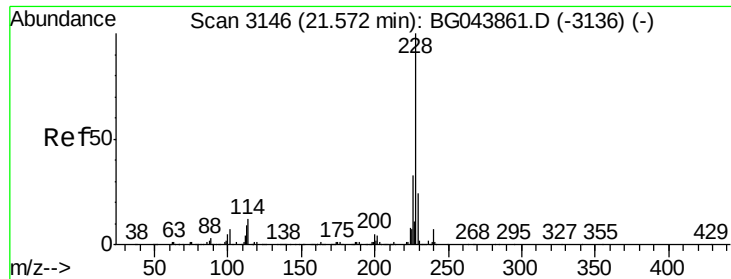
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.020 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	59.5	89.3
206	22.6	17.8	26.6





#81

Benzo(a)anthracene

Concen: 44.775 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

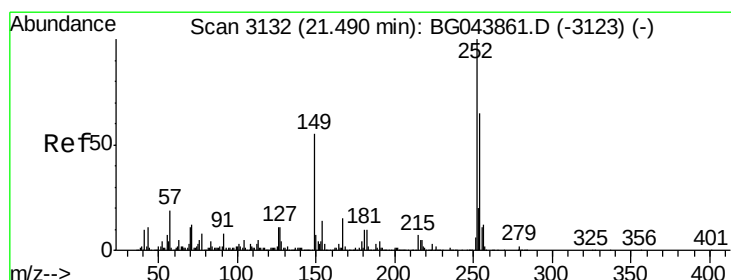
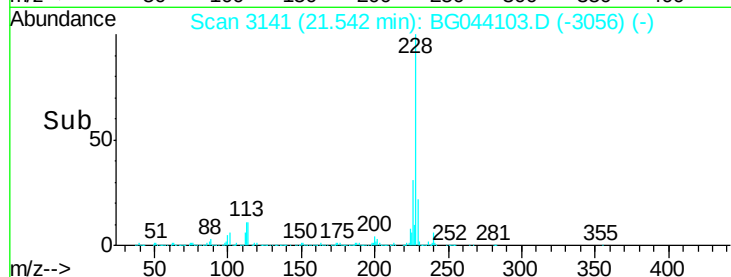
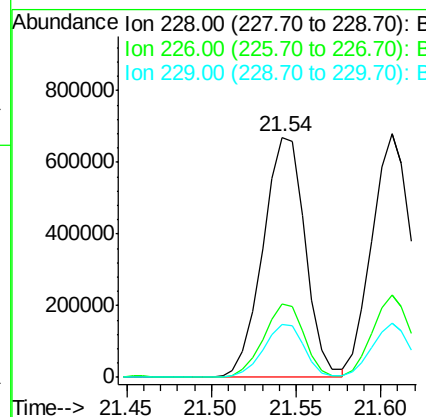
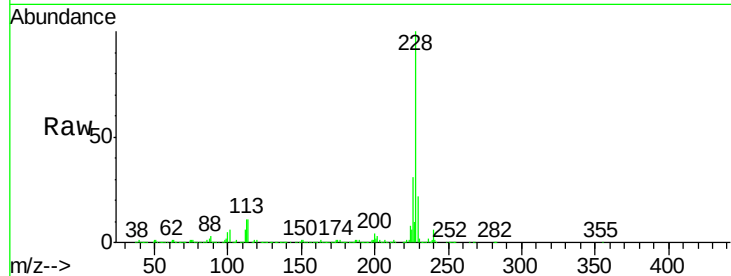
ClientSampleId :

PB126194BSD

Tot Ion:	228	Resp:	1166108
Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.2	39.4
229	22.2	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 31.912 ng

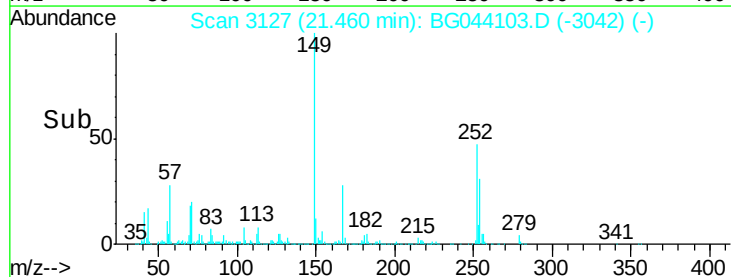
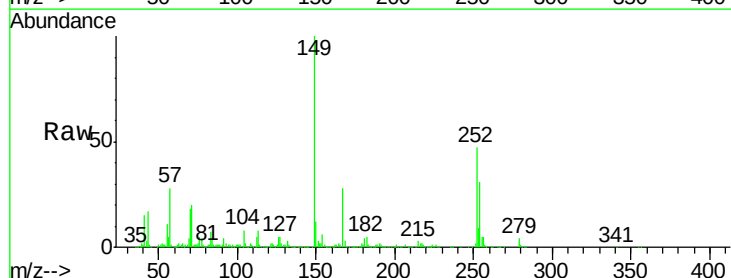
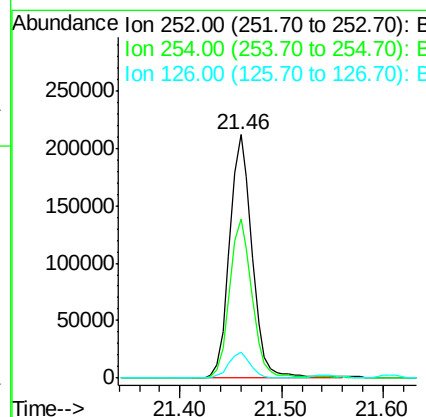
RT: 21.46 min Scan# 3127

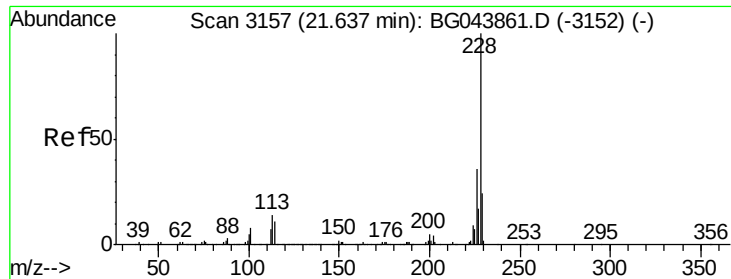
Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion:	252	Resp:	328355
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	10.6	9.1	13.7





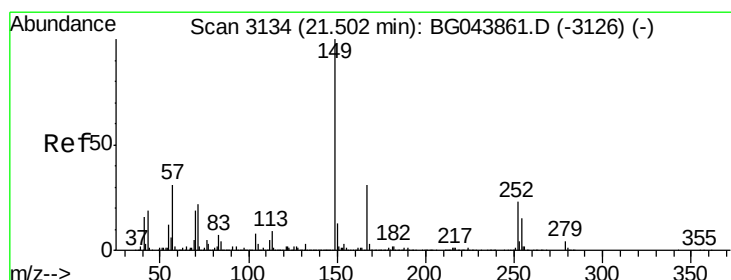
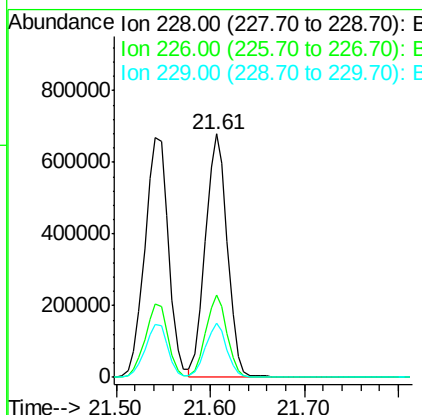
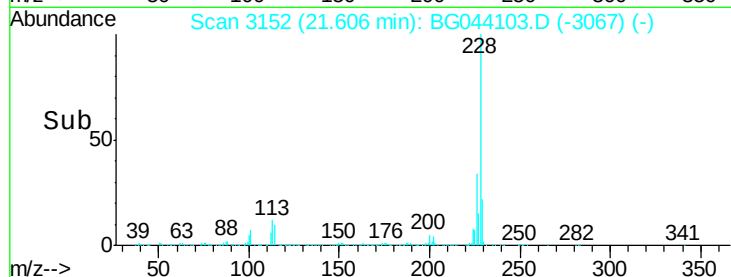
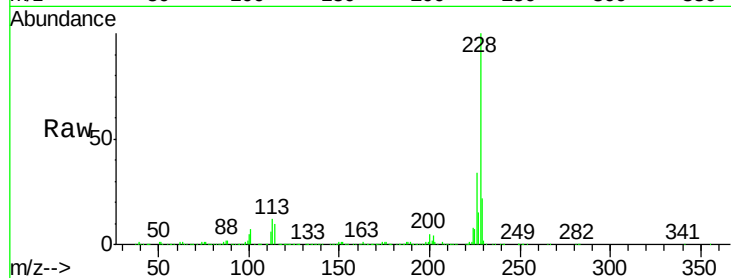
#83
Chrysene
Concen: 44.950 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion:228 Resp: 1112360
Ion Ratio Lower Upper
228 100
226 33.9 28.8 43.2
229 22.3 19.0 28.6

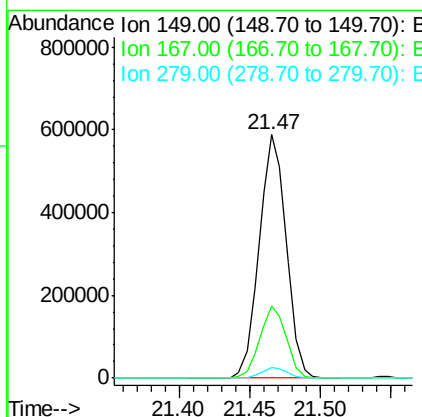
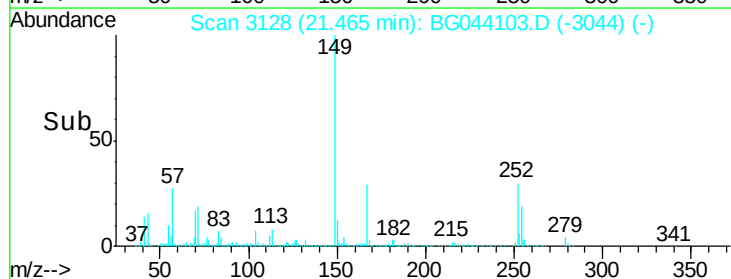
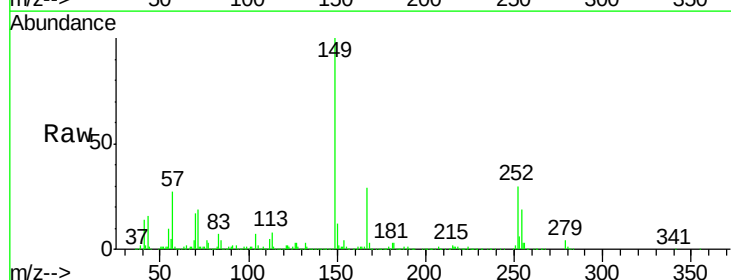
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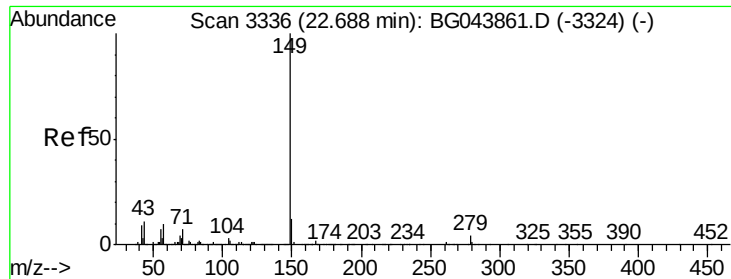
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.995 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:149 Resp: 792345
Ion Ratio Lower Upper
149 100
167 29.4 24.7 37.1
279 4.2 3.3 4.9





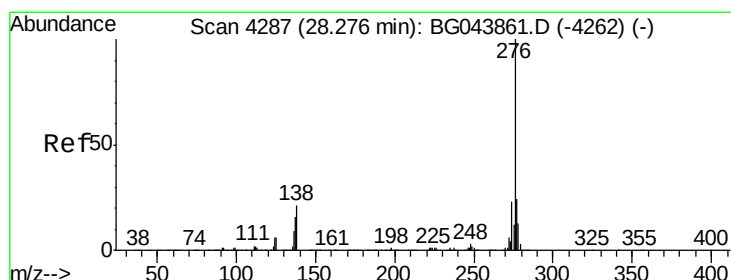
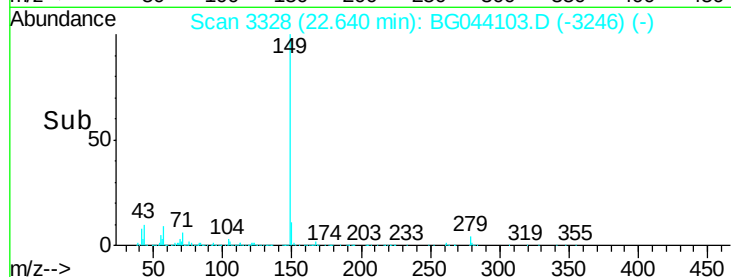
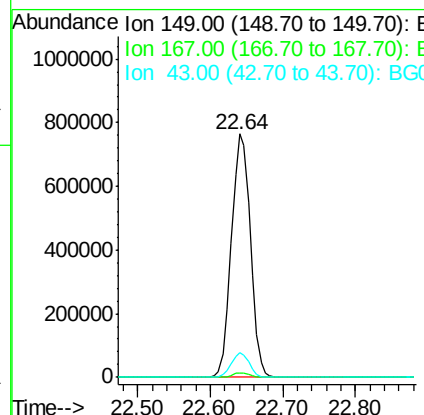
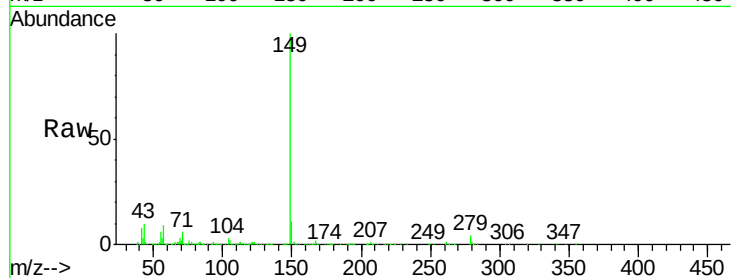
#85
Di-n-octyl phthalate
Concen: 45.678 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion:149 Resp: 1383021
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.4 8.8 13.2

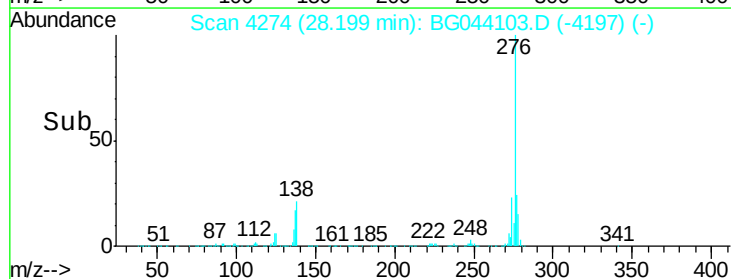
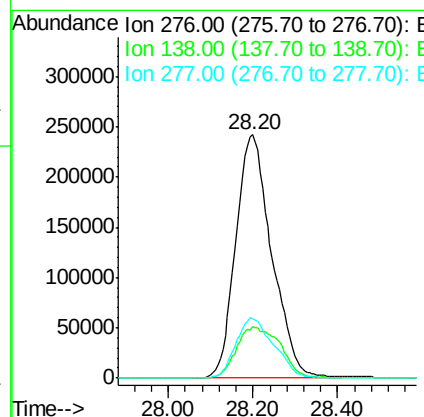
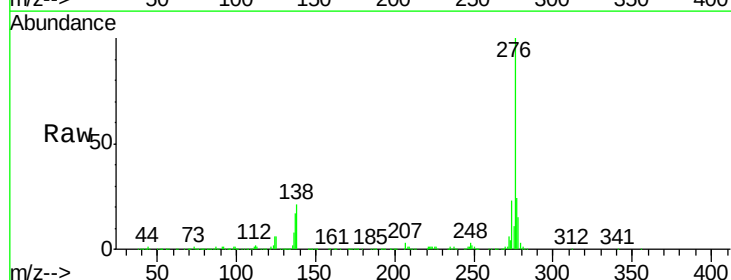
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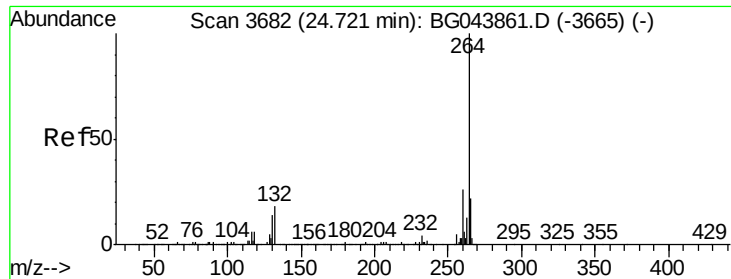
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.446 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.08 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:276 Resp: 1427502
Ion Ratio Lower Upper
276 100
138 25.7 21.0 31.4
277 26.2 21.1 31.7





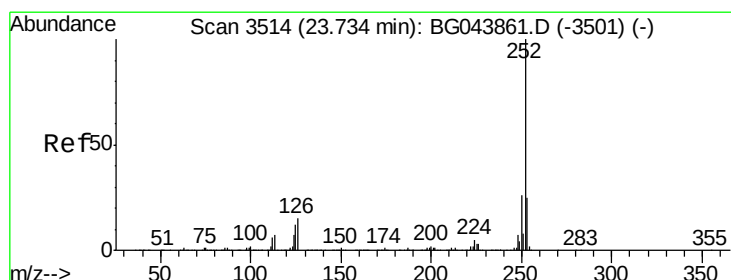
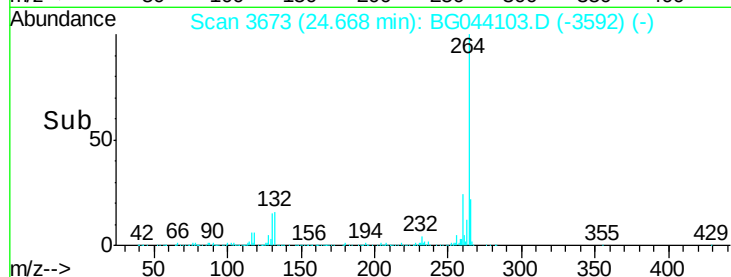
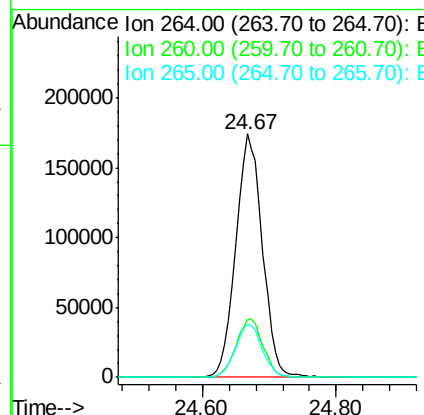
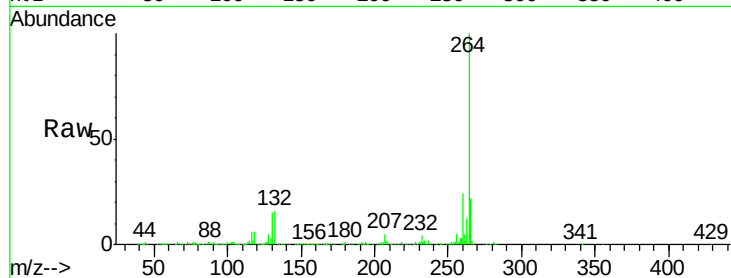
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3673
 Delta R.T. -0.05 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.4	30.6
265	21.7	17.4	26.2

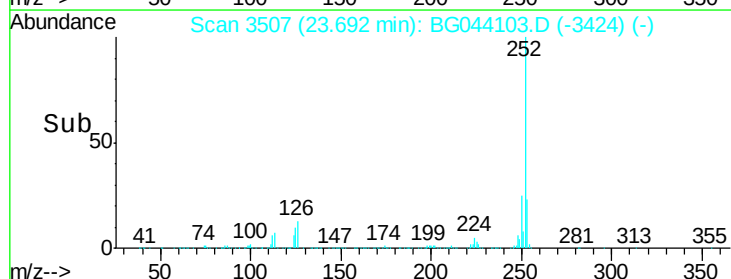
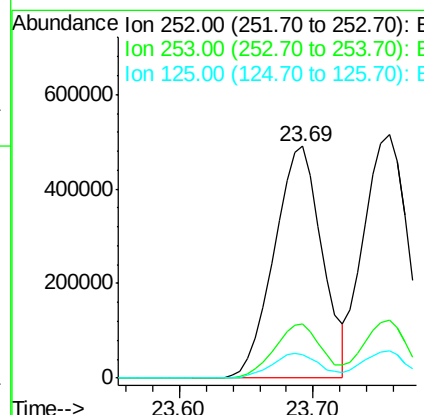
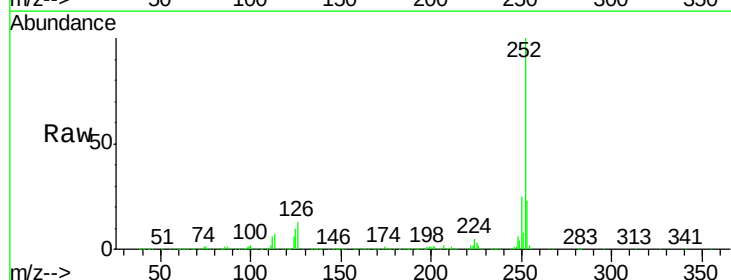
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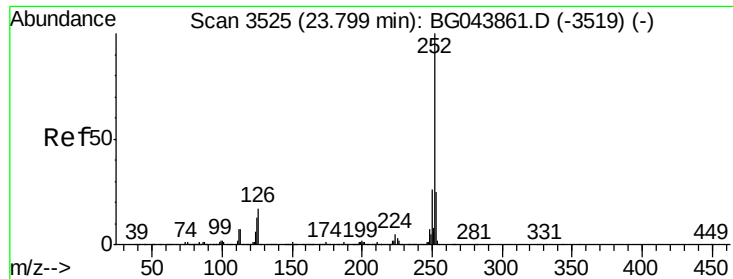
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 42.723 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	10.3	9.4	14.2





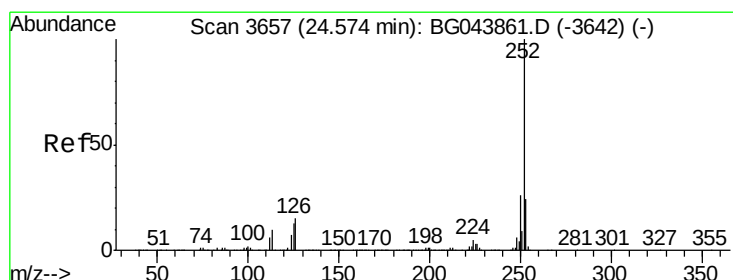
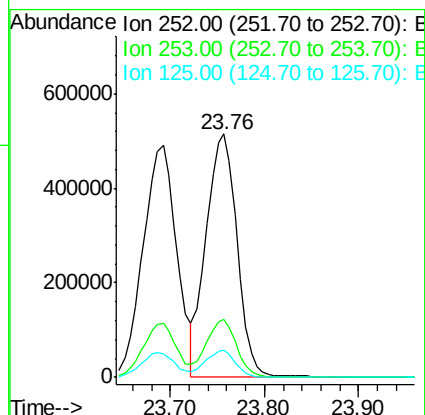
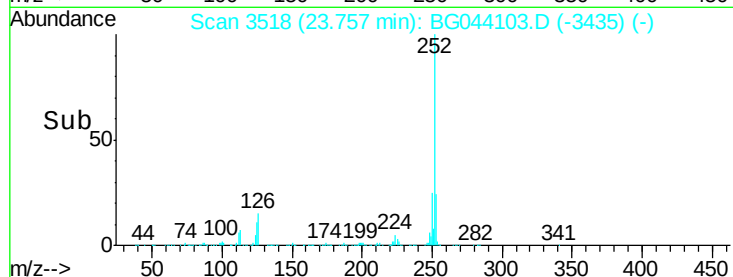
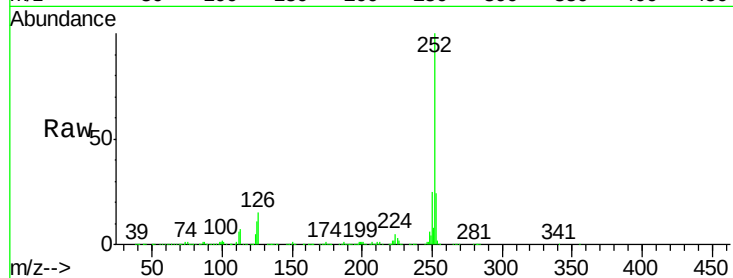
#89
Benzo(k)fluoranthene
Concen: 43.488 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	11.3	9.9	14.9

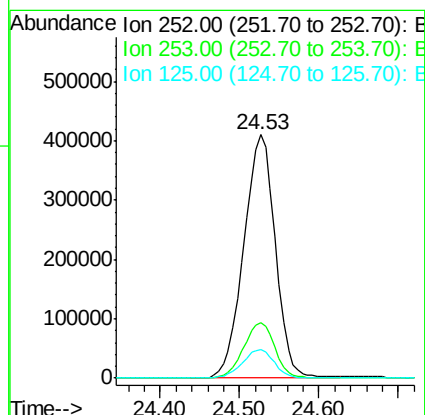
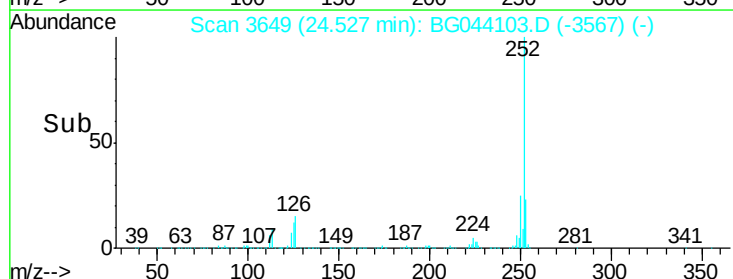
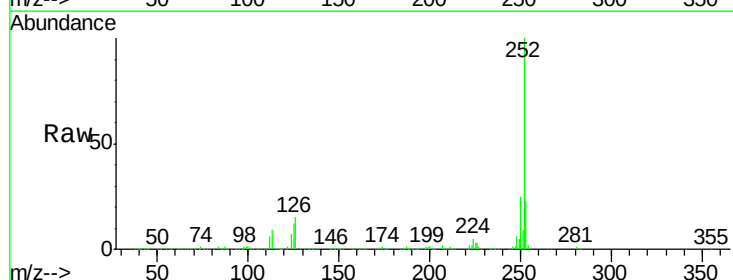
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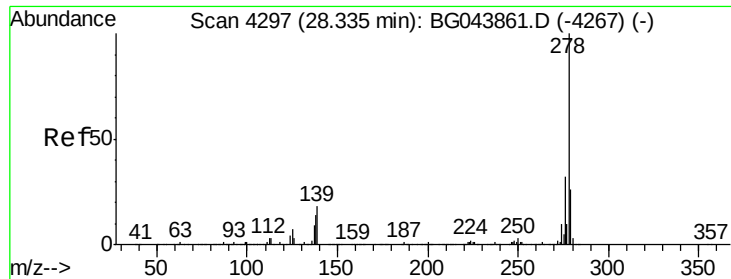
mohammad
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#90
Benzo(a)pyrene
Concen: 41.978 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.3	28.9
125	11.7	10.4	15.6





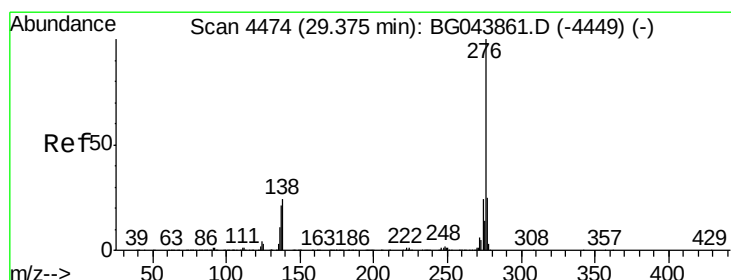
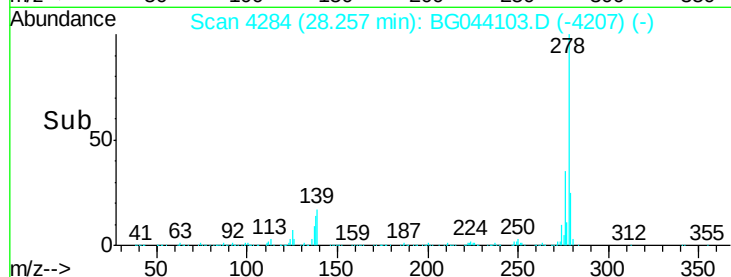
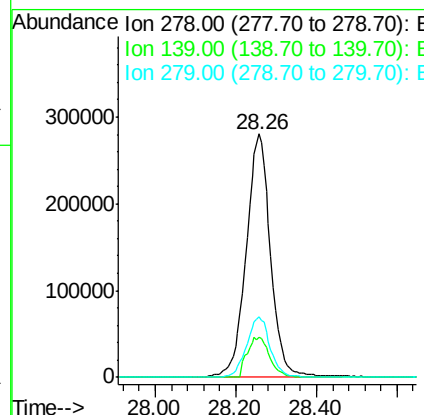
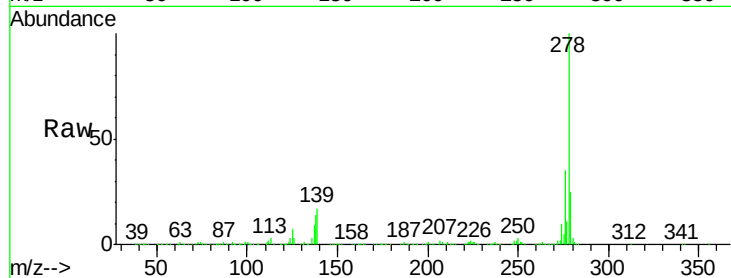
#91
Dibenzo(a,h)anthracene
Concen: 43.545 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.08 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.4
279	24.9	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 44.480 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.08 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.4
138	21.8	19.0	28.6

