

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044957.D
 Acq On : 7 Apr 2020 16:21
 Operator : CG/JU
 Sample : PB128064BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:14:05 AM

Quant Time: Apr 08 07:31:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	79804	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	310988	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	217992	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	521183	20.00	ng	0.00
76) Chrysene-d12	21.69	240	531039	20.00	ng	0.00
87) Perylene-d12	24.89	264	593554	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	673057	131.29	ng	0.00
7) Phenol-d6	7.21	99	907355	121.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	573105	80.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	406981	142.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1270941	83.49	ng	0.00
79) Terphenyl-d14	20.03	244	2262447	79.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	88154	35.709	ng	# 81
3) Pyridine	3.90	79	249666	34.162	ng	# 75
4) n-Nitrosodimethylamine	3.82	42	95544	34.457	ng	# 61
6) Aniline	7.36	93	266665	28.772	ng	92
8) 2-Chlorophenol	7.60	128	245270	47.927	ng	91
9) Benzaldehyde	7.17	77	144061m	29.388	ng	
10) Phenol	7.23	94	331052	44.893	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	239312	40.663	ng	93
12) 1,3-Dichlorobenzene	7.93	146	271750	43.107	ng	98
13) 1,4-Dichlorobenzene	8.07	146	267903	42.985	ng	97
14) 1,2-Dichlorobenzene	8.40	146	252164	42.661	ng	97
15) Benzyl Alcohol	8.27	79	239068	40.003	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	228770	22.027	ng	84
17) 2-Methylphenol	8.48	107	217597	43.562	ng	98
18) Hexachloroethane	9.13	117	99427	40.521	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	194060	36.898	ng	# 88
20) 3+4-Methylphenols	8.81	107	298065	43.287	ng	98
22) Acetophenone	8.86	105	367062	41.663	ng	# 92
24) Nitrobenzene	9.24	77	301608	41.015	ng	98
25) Isophorone	9.77	82	536677	38.800	ng	96
26) 2-Nitrophenol	9.95	139	116216	45.807	ng	92
27) 2,4-Dimethylphenol	10.02	122	217738	48.339	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	315344	38.202	ng	99
29) 2,4-Dichlorophenol	10.49	162	247235	46.993	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	273760	43.517	ng	97
31) Naphthalene	10.90	128	753964	43.766	ng	99
32) Benzoic acid	10.15	122	108941	34.461	ng	97
33) 4-Chloroaniline	11.00	127	161221	20.772	ng	93
34) Hexachlorobutadiene	11.19	225	182838	44.196	ng	96
35) Caprolactam	11.76	113	86836m	43.593	ng	
36) 4-Chloro-3-methylphenol	12.12	107	275873	43.966	ng	95
37) 2-Methylnaphthalene	12.50	142	564914	43.837	ng	97
38) 1-Methylnaphthalene	12.72	142	530832	43.816	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	298062	41.518	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	368648	93.960	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	215069	45.140	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	226419	45.824	nq	97
46) 1,1'-Biphenyl	13.51	154	707050	40.588	nq	97
47) 2-Chloronaphthalene	13.55	162	551409	41.436	nq	97
48) 2-Nitroaniline	13.74	65	164420	35.291	nq	93
49) Acenaphthylene	14.40	152	900533	43.195	nq	100
50) Dimethylphthalate	14.13	163	724652	41.738	nq	99
51) 2,6-Dinitrotoluene	14.24	165	164699	47.062	nq	95
52) Acenaphthene	14.74	154	591261	43.304	nq	99
53) 3-Nitroaniline	14.57	138	121040	30.083	nq	96
54) 2,4-Dinitrophenol	14.77	184	95377	55.051	nq	91
55) Dibenzofuran	15.07	168	887349	44.816	nq	100
56) 4-Nitrophenol	14.88	139	277783	90.462	nq	93
57) 2,4-Dinitrotoluene	15.03	165	236886	49.354	nq	94
58) Fluorene	15.72	166	730921	44.876	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223791	49.195	nq	97
60) Diethylphthalate	15.49	149	753872	41.631	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	400676	45.687	nq	99
62) 4-Nitroaniline	15.73	138	184149	42.921	nq	99
63) Azobenzene	16.01	77	756225	40.214	nq	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	100337	42.052	nq	90
66) n-Nitrosodiphenylamine	15.93	169	657949	41.931	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	277968	42.662	nq	98
68) Hexachlorobenzene	16.73	284	301120	42.599	nq	99
69) Atrazine	16.87	200	272052	47.323	nq	99
70) Pentachlorophenol	17.07	266	345775	88.905	nq	98
71) Phenanthrene	17.46	178	1217303	43.707	nq	100
72) Anthracene	17.56	178	1242422	45.240	nq	100
73) Carbazole	17.82	167	1179753	44.721	nq	99
74) Di-n-butylphthalate	18.38	149	1366817	42.623	nq	99
75) Fluoranthene	19.47	202	1573093	47.437	nq	99
77) Benzidine	19.64	184	571747	33.165	nq	99
78) Pyrene	19.83	202	1551380	39.819	nq	99
80) Butylbenzylphthalate	20.72	149	610336	35.213	nq	97
81) Benzo(a)anthracene	21.67	228	1534970	40.142	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	396510	26.803	nq	100
83) Chrysene	21.74	228	1487369	40.720	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	873241	36.505	nq	96
85) Di-n-octyl phthalate	22.80	149	1490180	37.227	nq	# 93
86) Indeno(1,2,3-cd)pyrene	28.55	276	1992528	41.609	nq	# 96
88) Benzo(b)fluoranthene	23.89	252	1692880	43.202	nq	99
89) Benzo(k)fluoranthene	23.95	252	1607103	43.339	nq	100
90) Benzo(a)pyrene	24.75	252	1557991	42.492	nq	97
91) Dibenzo(a,h)anthracene	28.61	278	1603559	44.330	nq	98
92) Benzo(g,h,i)perylene	29.69	276	1638091	44.822	nq	97

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

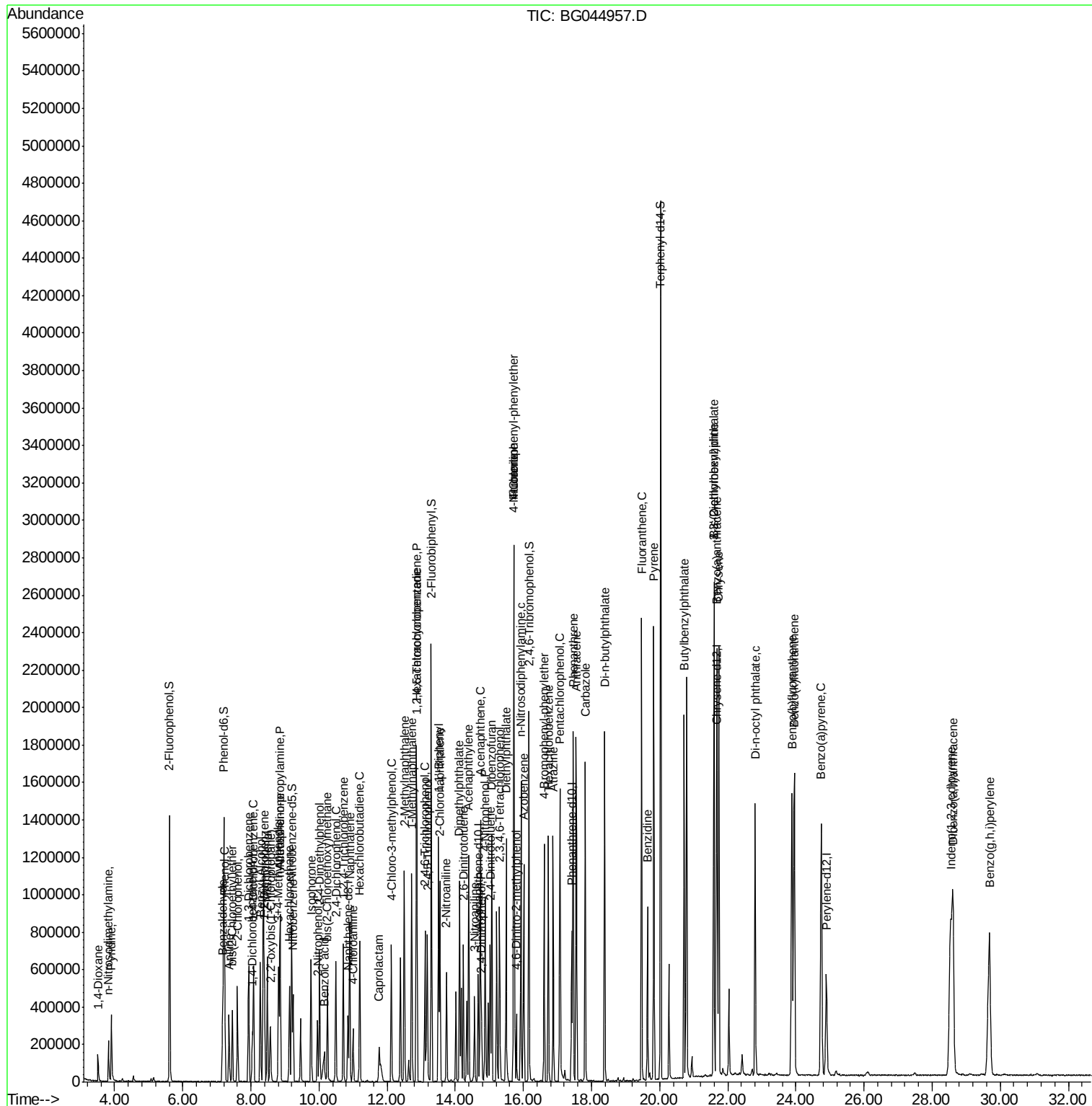
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Sample    : PB128064BS  
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ALS Vial  : 5      Sample Multiplier: 1
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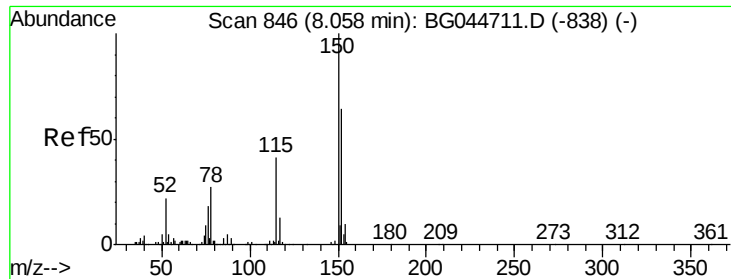
Instrument :
BNA_G
ClientSampleId :
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#1

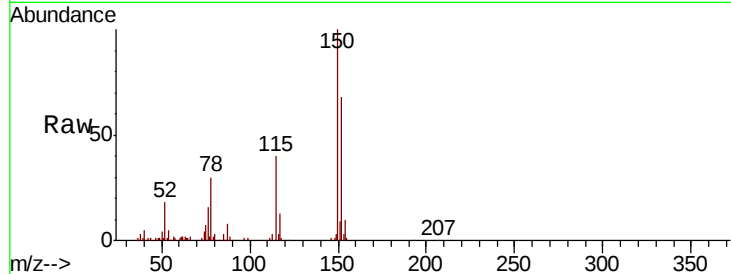
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	128.8	193.2
115	59.2	52.6	79.0

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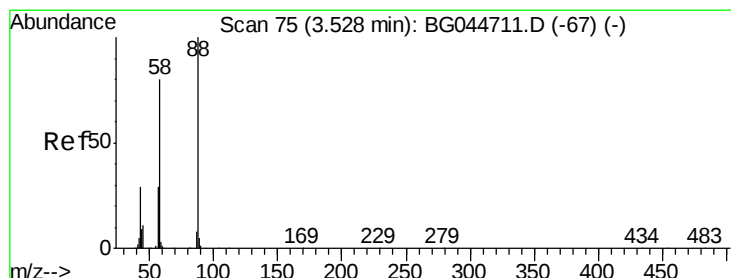
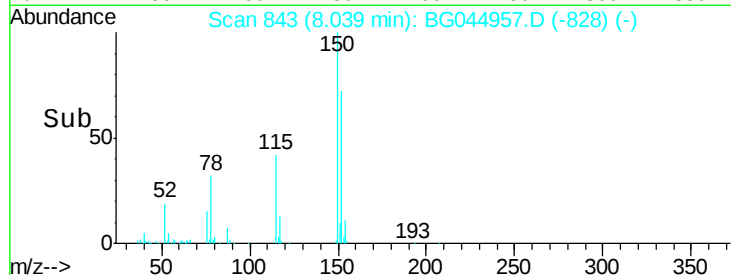
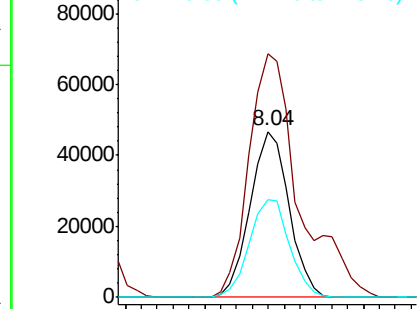


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

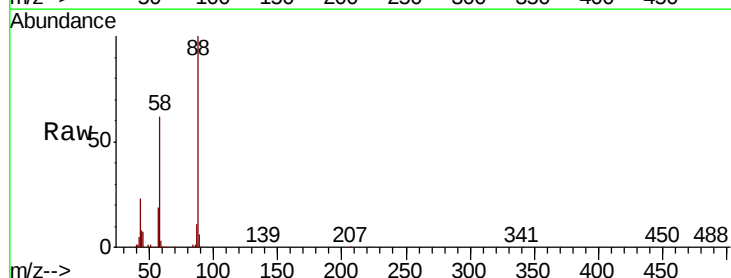
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.709 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	63.0	94.4#
43	23.7	24.8	37.2#

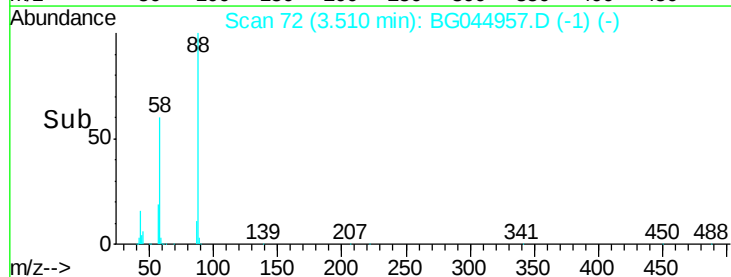
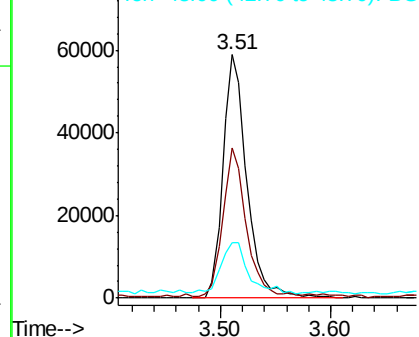


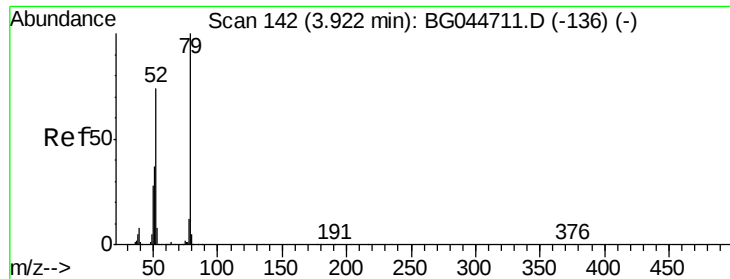
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.162 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

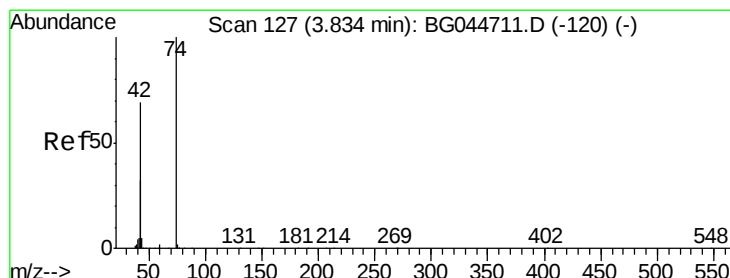
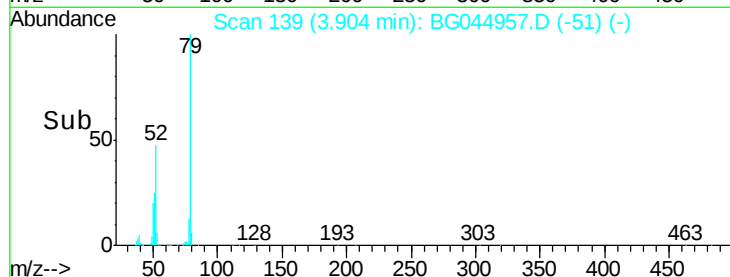
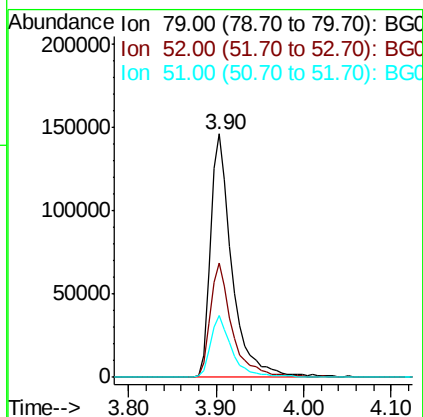
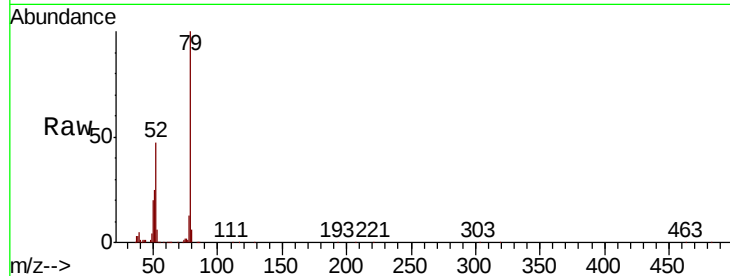
ClientSampleId :

PB128064BS

Tot Ion:	79	Resp:	249666
Ion Ratio	Lower	Upper	
79	100		
52	46.8	56.3	84.5#
51	25.3	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 34.457 ng

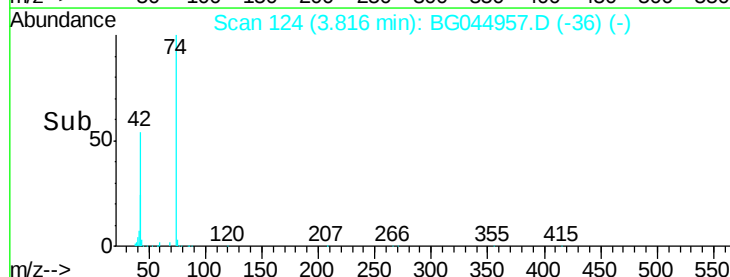
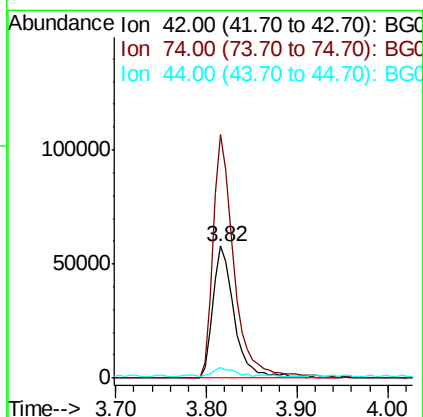
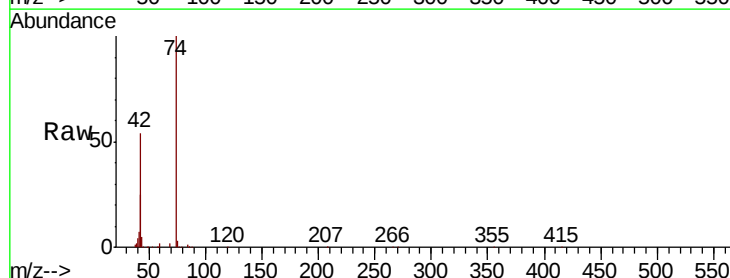
RT: 3.82 min Scan# 124

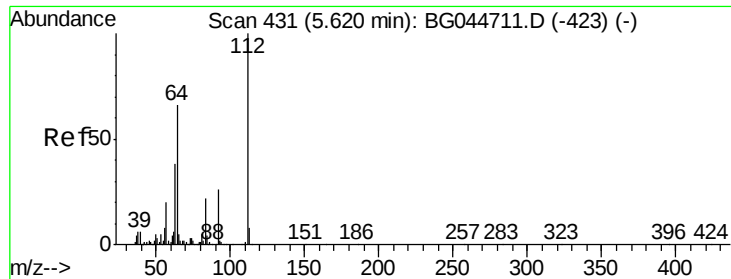
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	42	Resp:	95544
Ion Ratio	Lower	Upper	
42	100		
74	184.7	109.1	163.7#
44	8.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 131.289 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

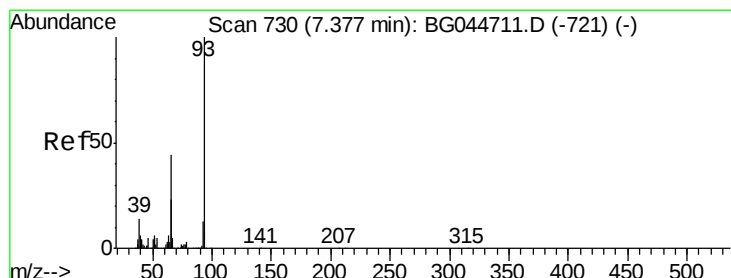
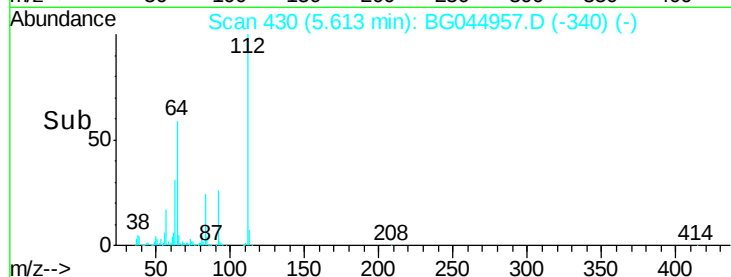
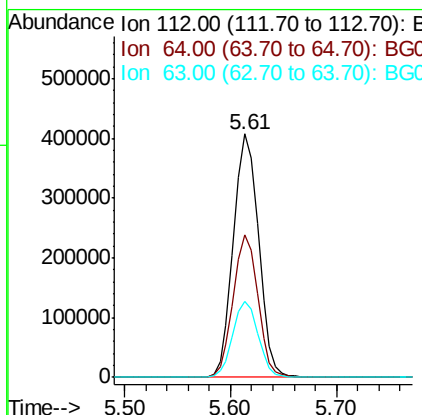
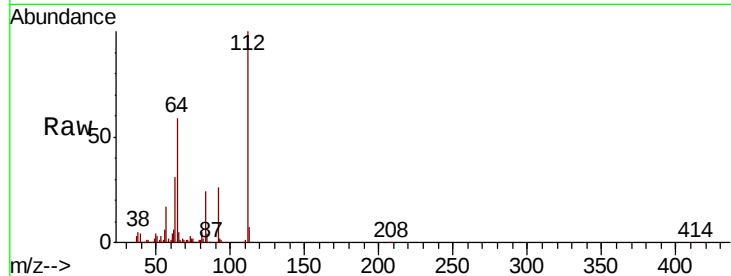
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Tot Ion:	112	Resp:	673057
Ion Ratio	Lower	Upper	
112	100		
64	58.6	53.4	80.2
63	31.4	29.4	44.2

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#6

Aniline

Concen: 28.772 ng

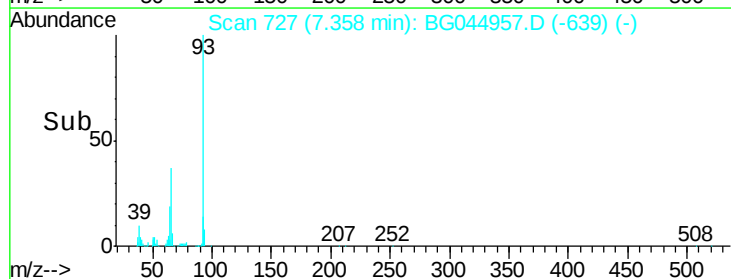
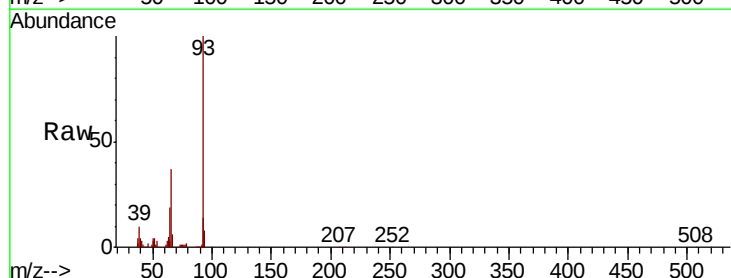
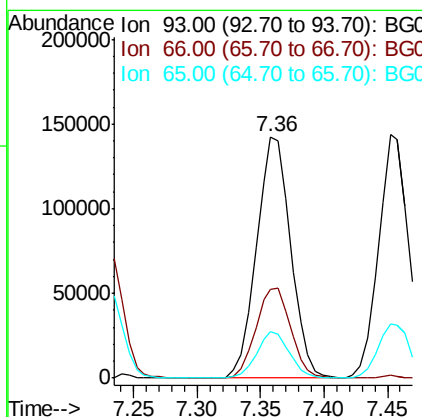
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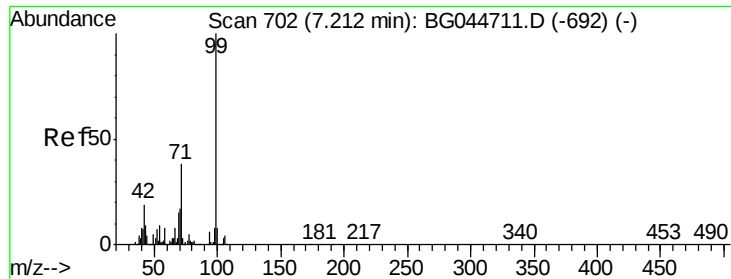
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	93	Resp:	266665
Ion Ratio	Lower	Upper	
93	100		
66	36.7	33.7	50.5
65	19.5	17.7	26.5





#7

Phenol-d6

Concen: 121.818 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

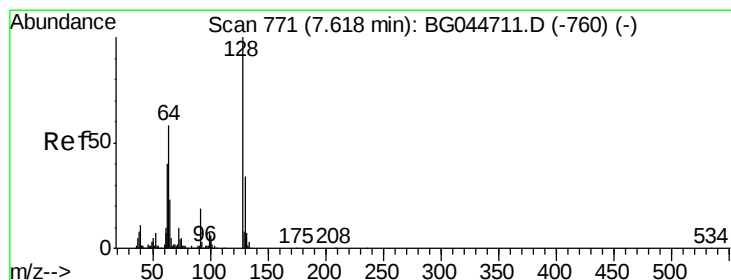
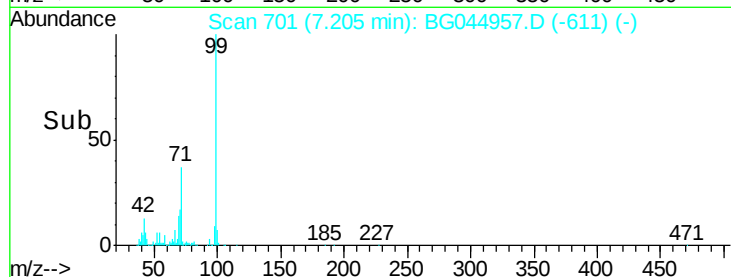
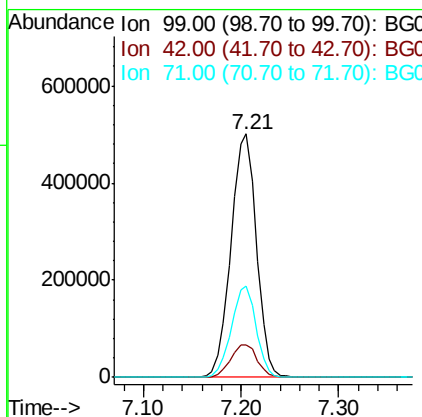
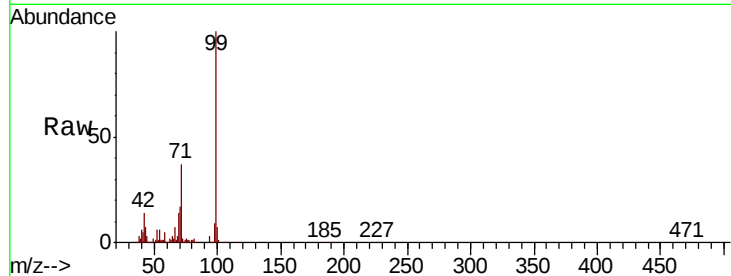
ClientSampleId :

PB128064BS

Tot Ion:	99	Resp:	907355
Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.6	19.0
71	37.5	29.0	43.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.927 ng

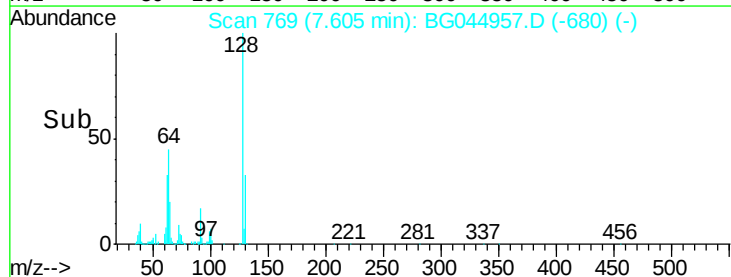
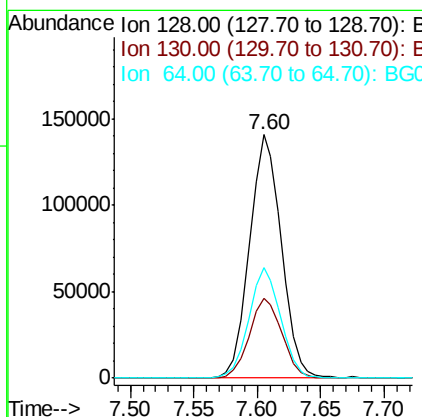
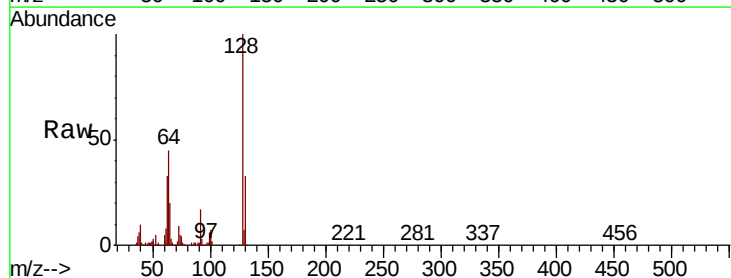
RT: 7.60 min Scan# 769

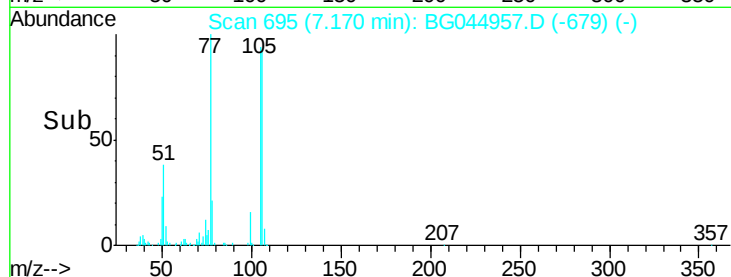
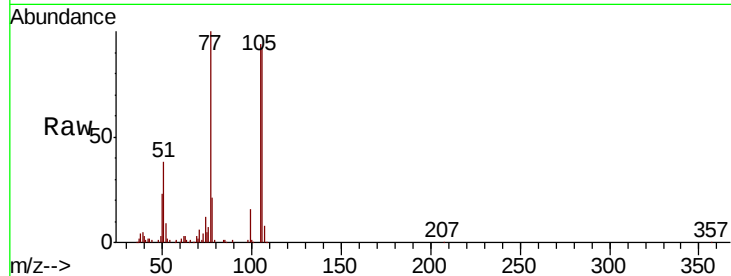
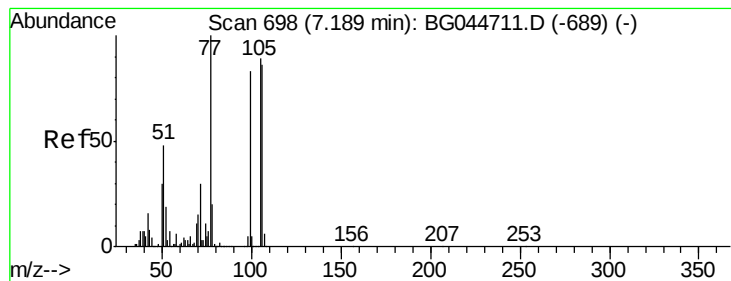
Delta R.T. -0.01 min

Lab File: BG044957.D

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Tgt Ion:	128	Resp:	245270
Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.6	51.6
64	45.3	34.5	74.5





#9

Benzaldehyde

Concen: 29.388 ng/mL

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tot Ion:	77	Resp:	144061
Ion Ratio	Lower	Upper	
77	100		
105	94.5	69.3	109.3
106	92.3	64.5	104.5

Instrument :

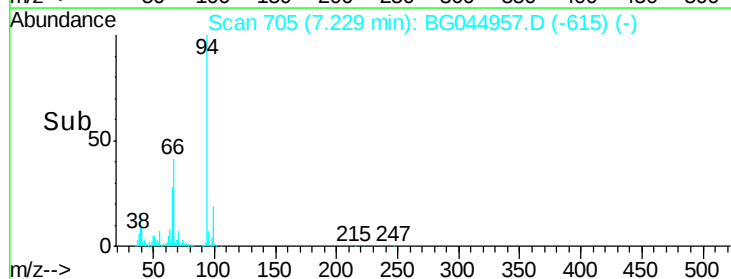
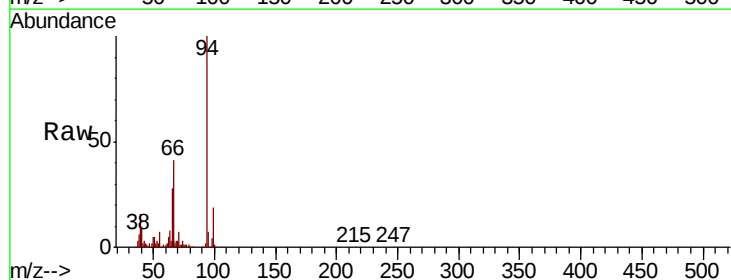
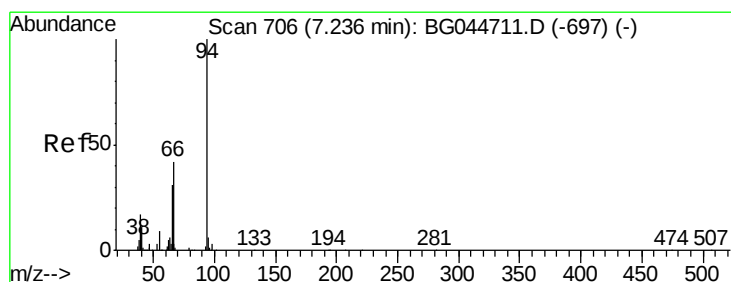
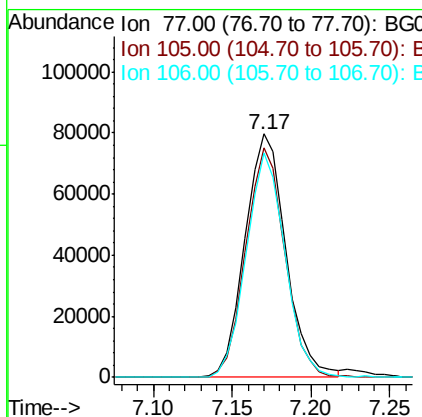
BNA_G

ClientSampleID :

PB128064BS

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#10

Phenol

Concen: 44.893 ng/mL

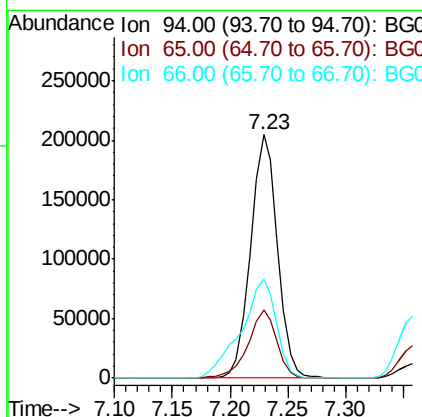
RT: 7.23 min Scan# 705

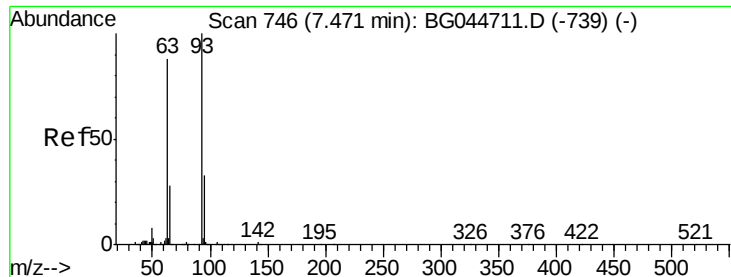
Delta R.T. -0.00 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	94	Resp:	331052
Ion Ratio	Lower	Upper	
94	100		
65	28.0	11.0	51.0
66	40.6	20.1	60.1





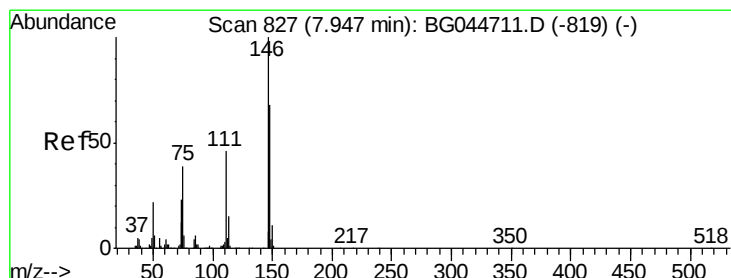
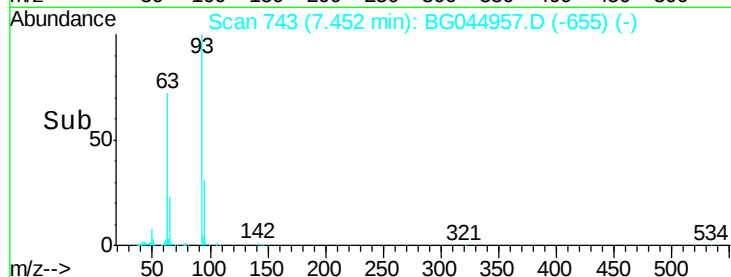
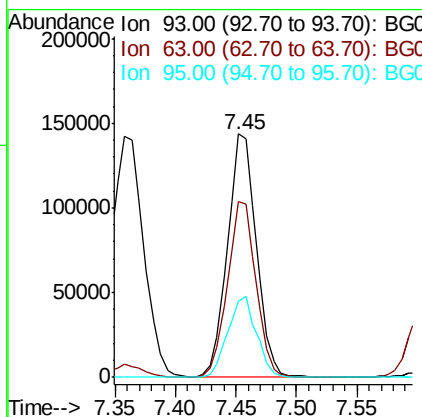
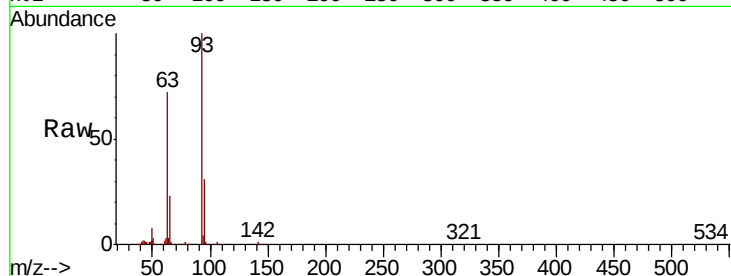
#11
bis(2-Chloroethyl)ether
Concen: 40.663 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	59.7	99.7
95	31.0	13.1	53.1

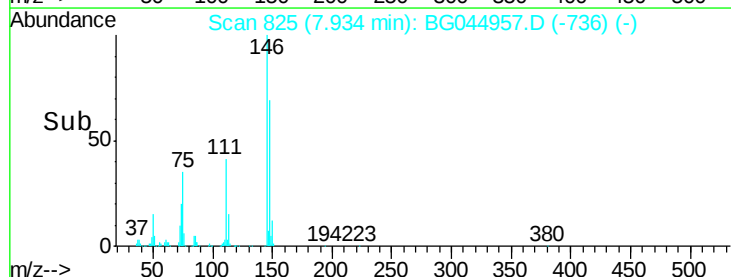
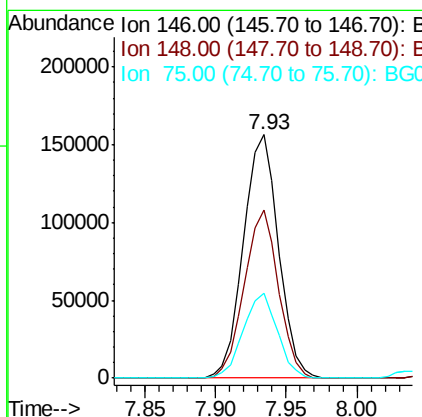
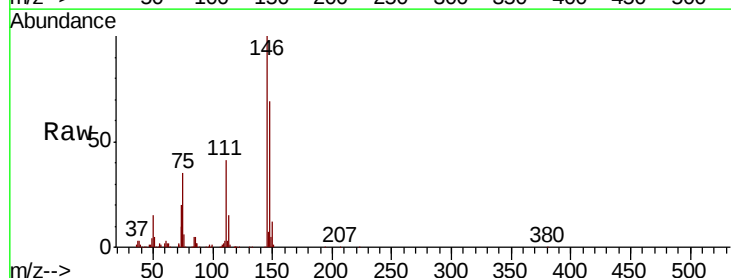
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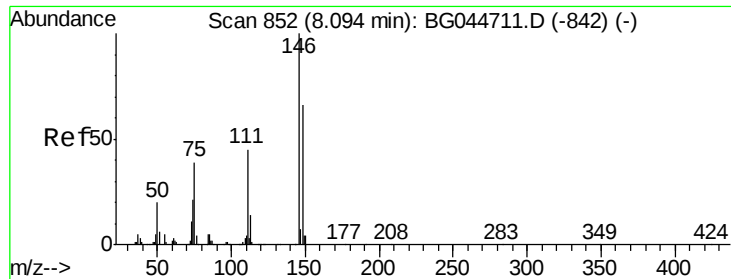
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.107 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	54.2	81.4
75	34.7	28.6	42.8





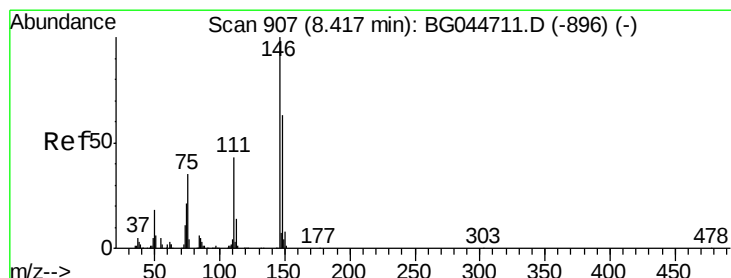
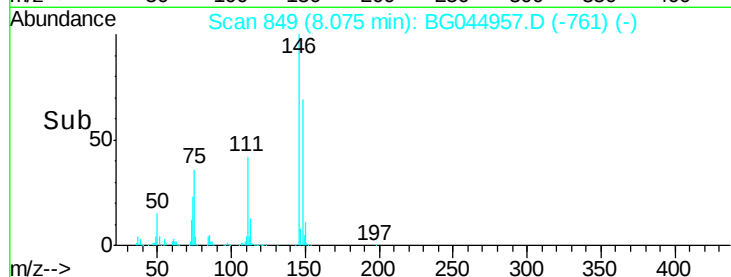
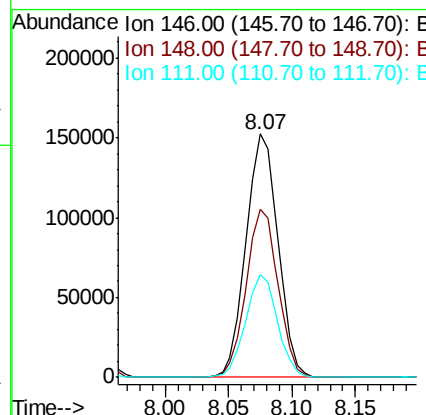
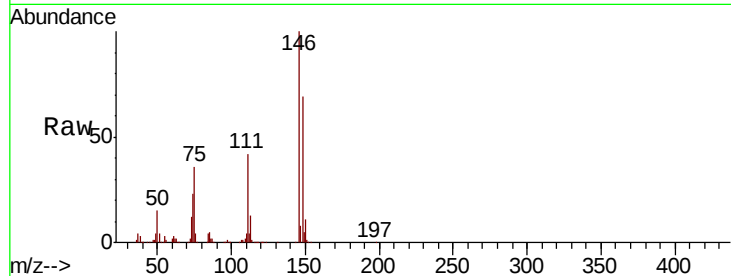
#13
 1,4-Dichlorobenzene
 Concen: 42.985 ng
 RT: 8.07 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.8	80.6
111	42.3	32.0	48.0

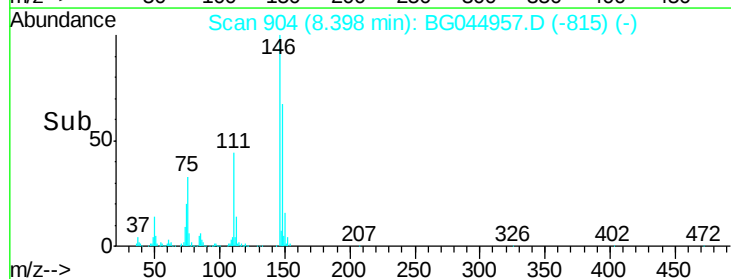
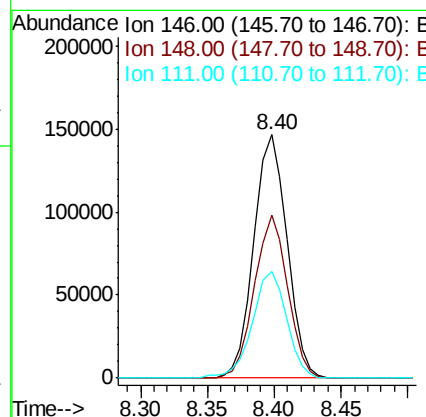
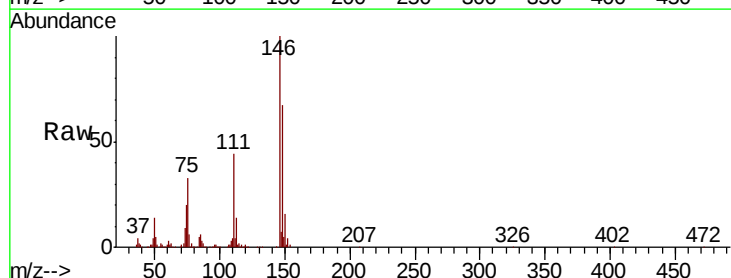
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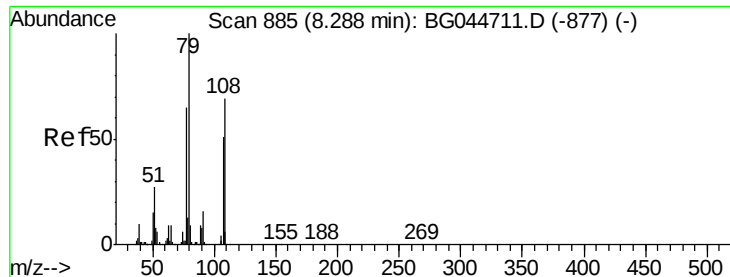
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#14
 1,2-Dichlorobenzene
 Concen: 42.661 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.1	78.1
111	44.0	33.4	50.2





#15

Benzyl Alcohol

Concen: 40.003 ng

RT: 8.27 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

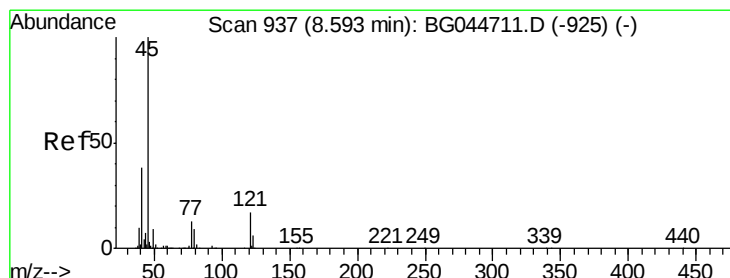
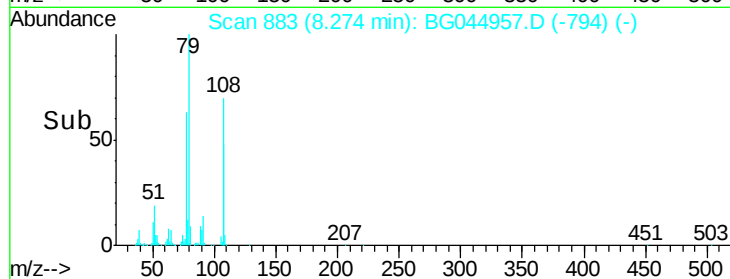
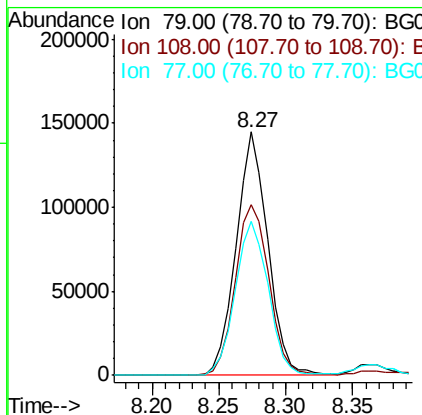
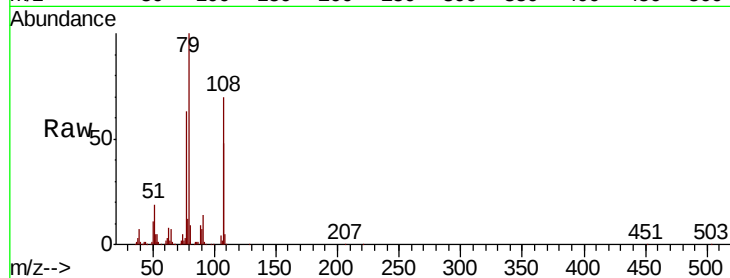
ClientSampleId :

PB128064BS

Tot Ion:	79	Resp:	239068
Ion Ratio	Lower	Upper	
79	100		
108	70.2	53.8	80.8
77	63.0	47.8	71.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.027 ng

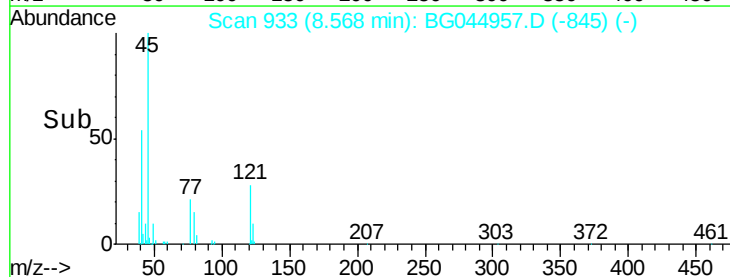
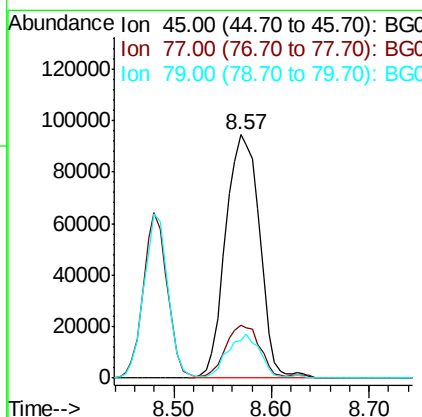
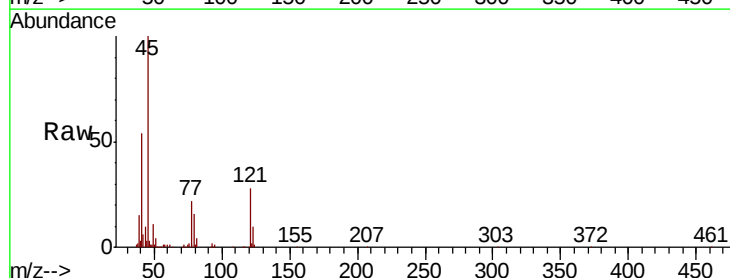
RT: 8.57 min Scan# 933

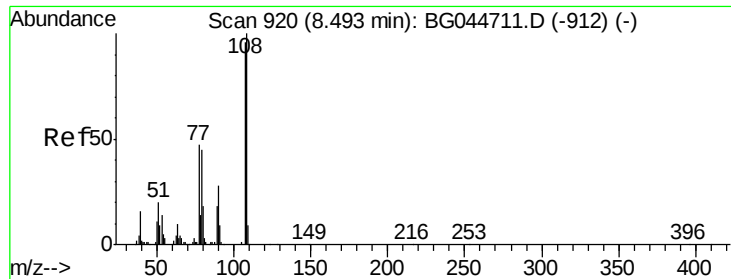
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	45	Resp:	228770
Ion Ratio	Lower	Upper	
45	100		
77	21.7	0.0	33.9
79	15.6	0.0	30.8





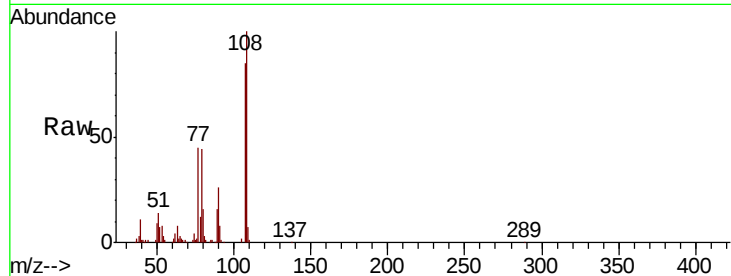
#17
2-Methylphenol
Concen: 43.562 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	91.8	137.8	
77	52.1	40.0	60.0	
79	51.7	40.2	60.2	

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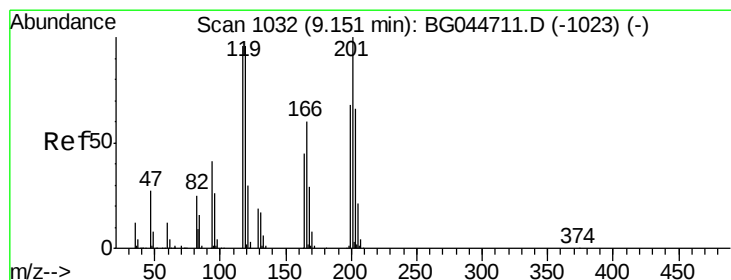
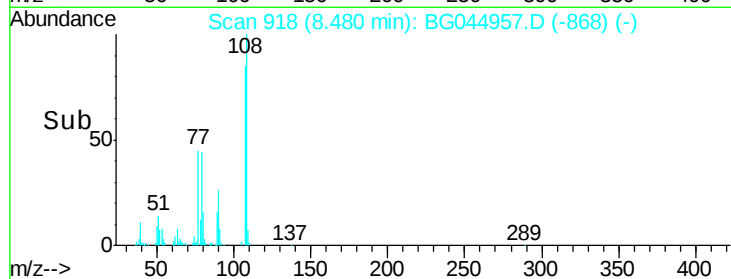
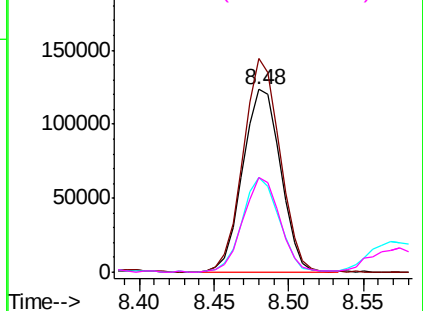
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

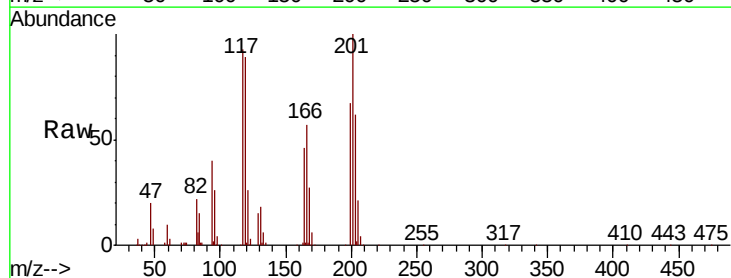
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.521 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.2	112.8	
201	107.6	81.1	121.7	

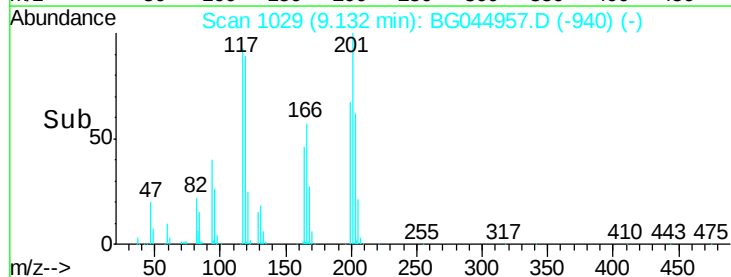
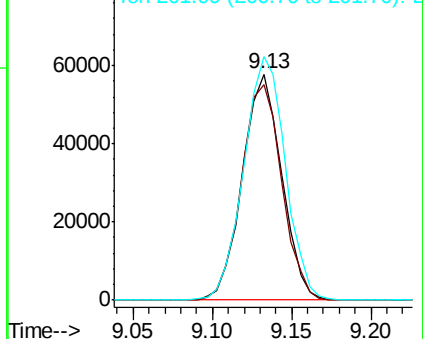


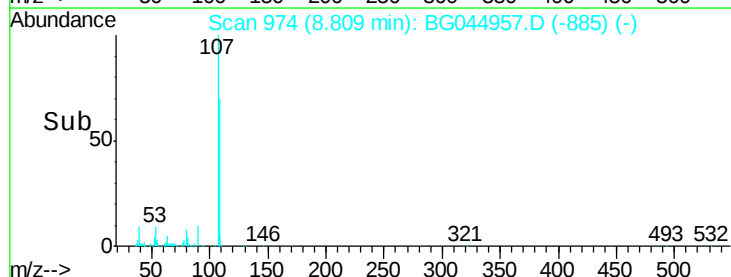
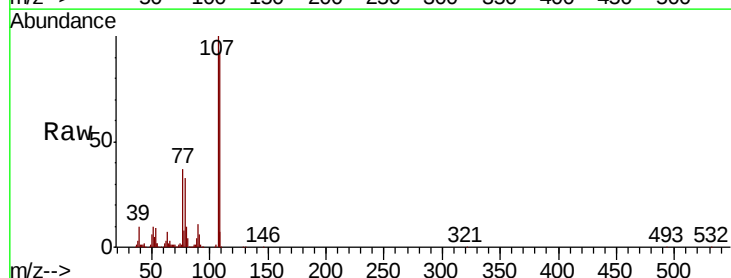
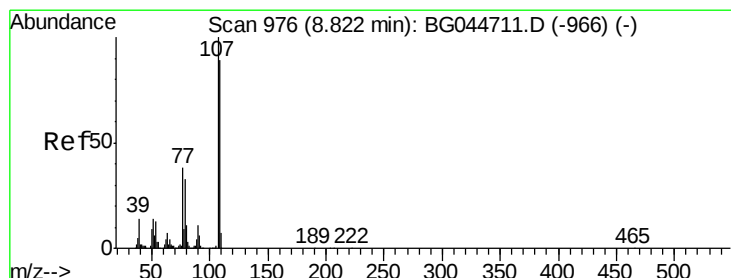
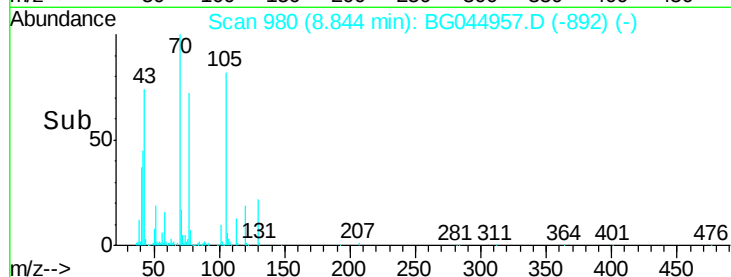
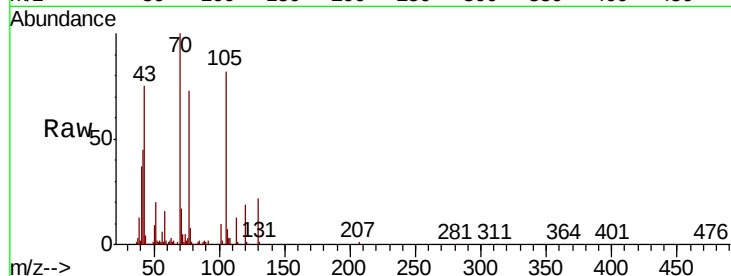
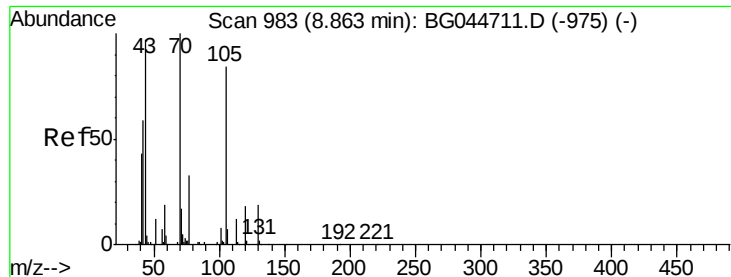
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

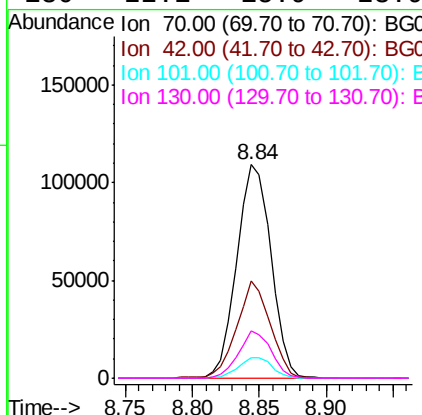
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.898 ng
RT: 8.84 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.4	45.7	68.5#	
101	9.9	7.4	11.2	
130	22.1	15.9	23.9	



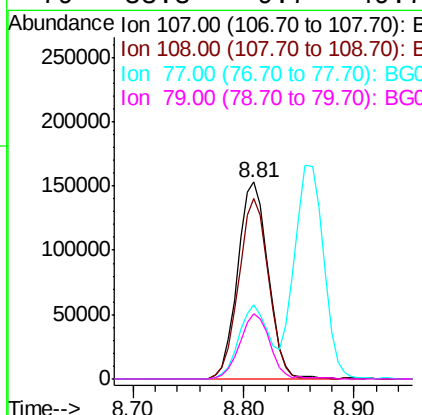
Instrument :
BNA_G
ClientSampleId :
PB128064BS

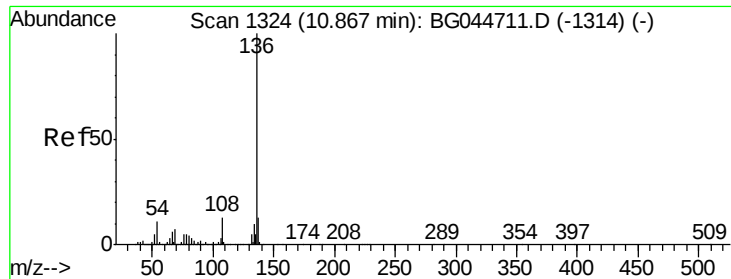
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#20
3+4-Methylphenols
Concen: 43.287 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	71.3	111.3	
77	37.5	16.9	56.9	
79	33.3	9.7	49.7	





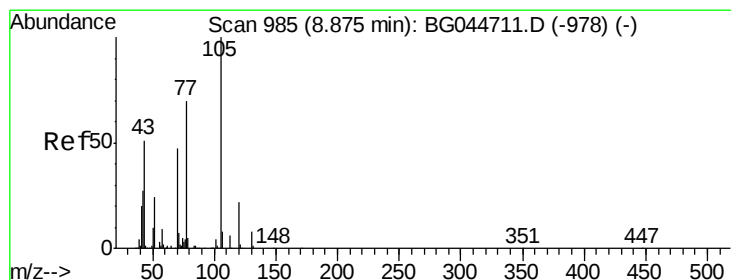
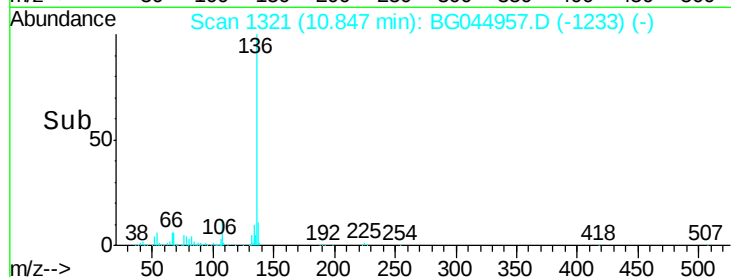
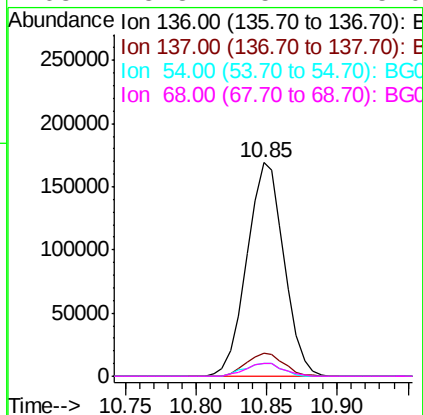
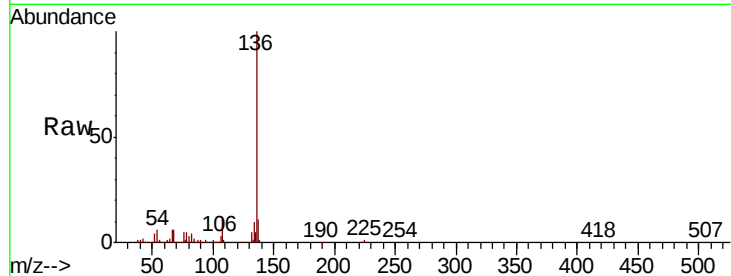
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	310988		
137	10.7		9.8	14.6
54	5.8		7.9	11.9#
68	5.8		5.4	8.0

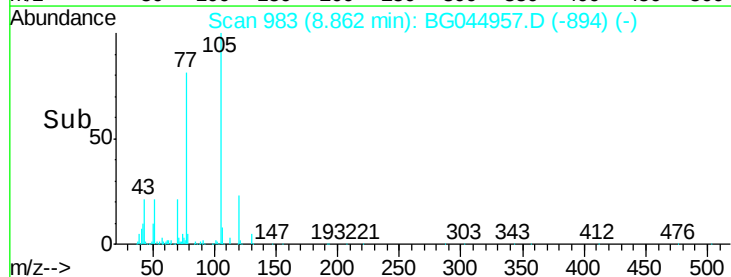
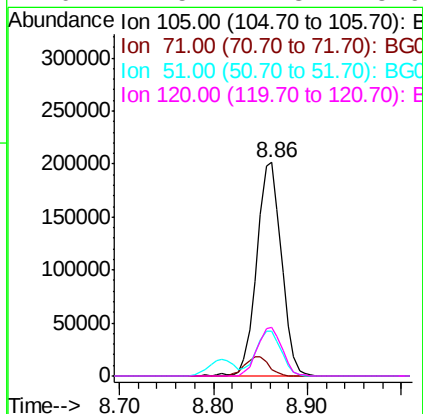
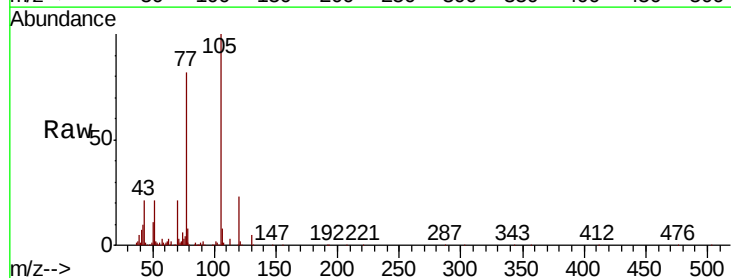
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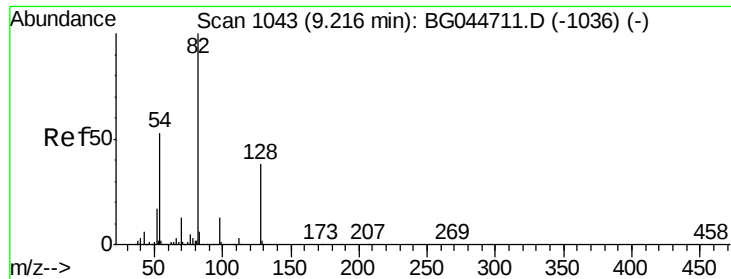
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#22
Acetophenone
Concen: 41.663 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	367062		
71	3.3		3.9	5.9#
51	21.1		22.6	33.8#
120	22.5		17.3	25.9





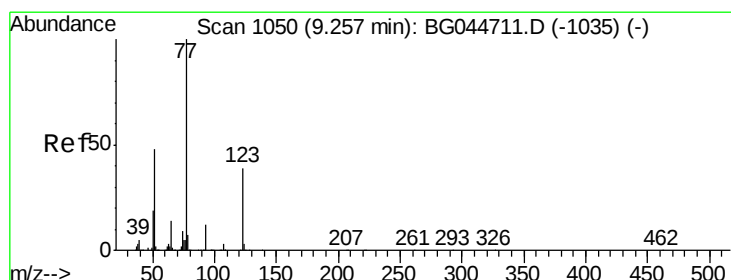
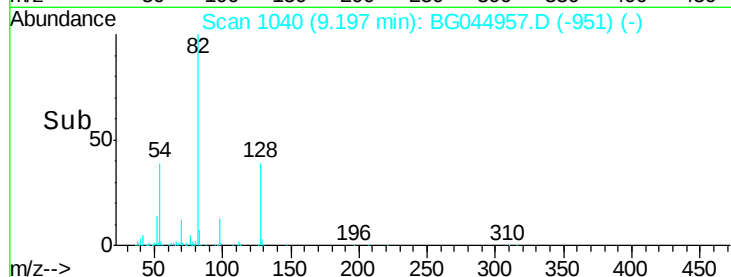
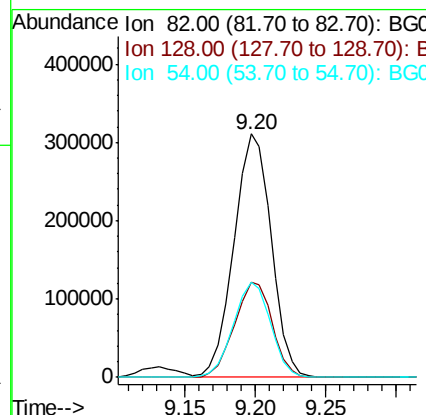
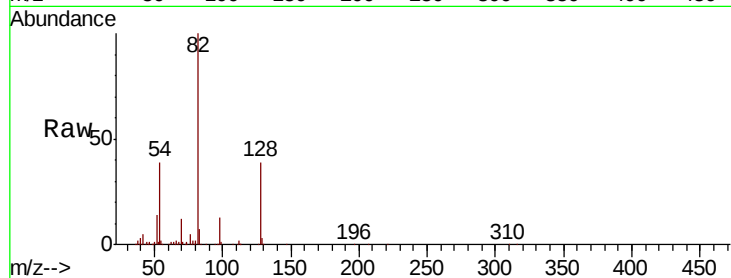
#23
 Nitrobenzene-d5
 Concen: 80.867 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	39.1	37.1	55.7

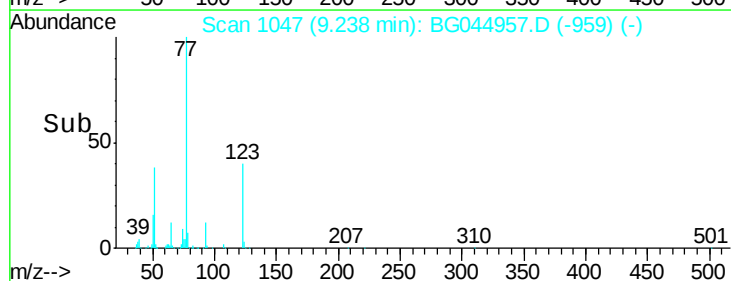
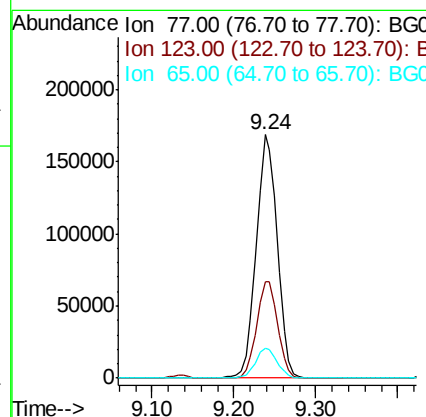
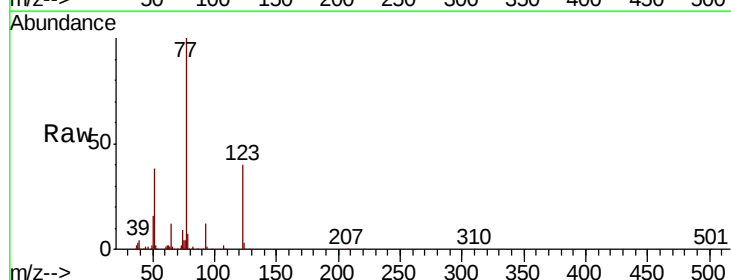
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#24
 Nitrobenzene
 Concen: 41.015 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.3	46.9
65	12.1	11.4	17.0





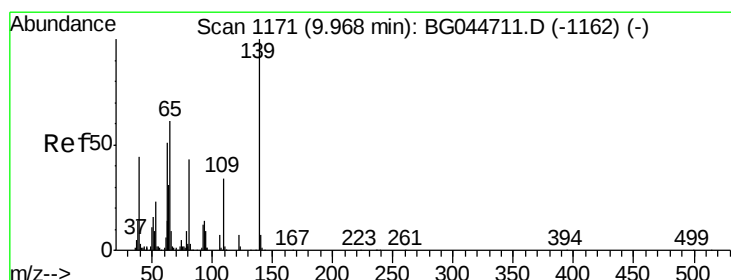
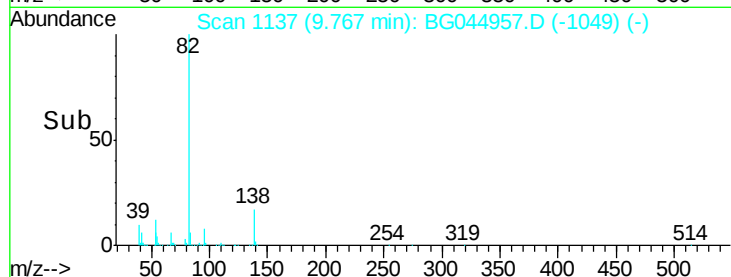
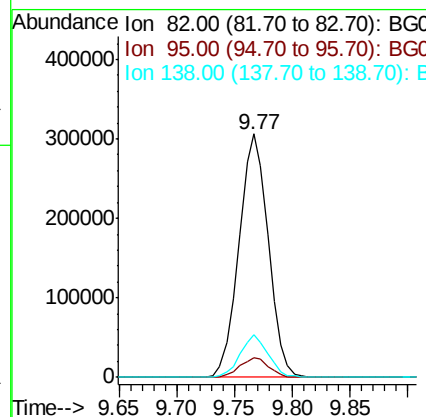
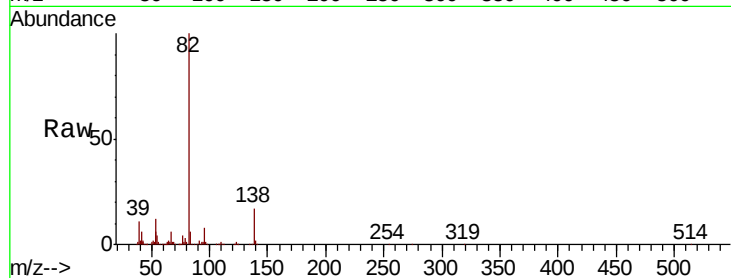
#25
Isophorone
Concen: 38.800 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.5	8.3
138	17.3	12.5	18.7

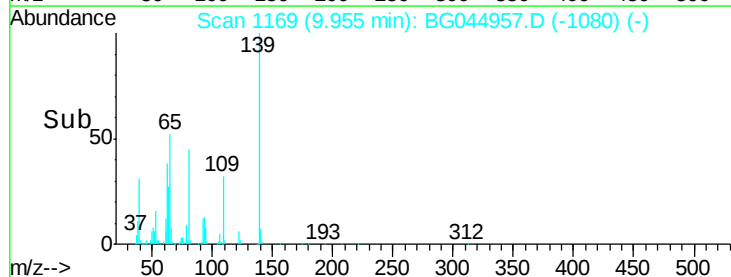
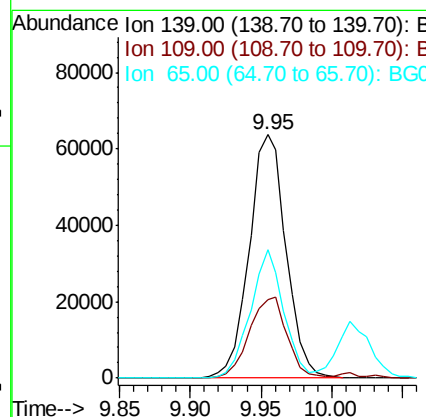
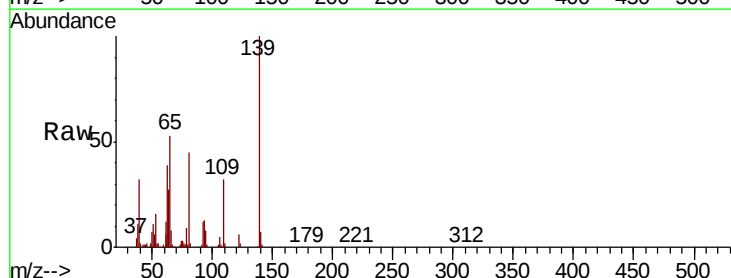
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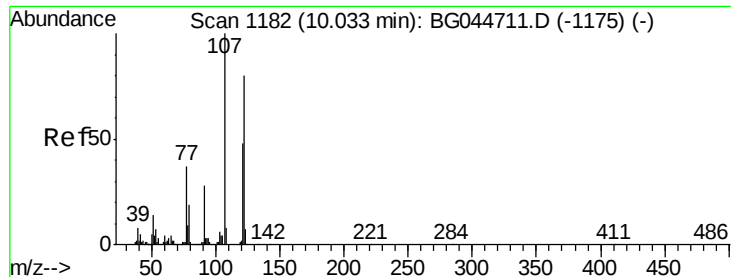
mohammad
4/8/2020 8:14:05 AM



#26
2-Nitrophenol
Concen: 45.807 ng
RT: 9.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	30.2	45.4
65	52.9	46.3	69.5





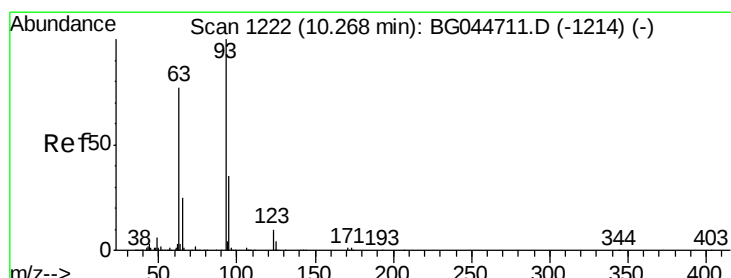
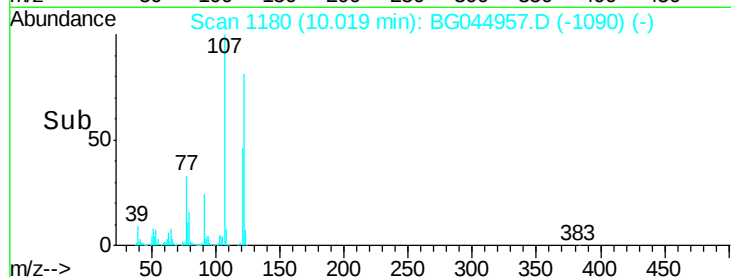
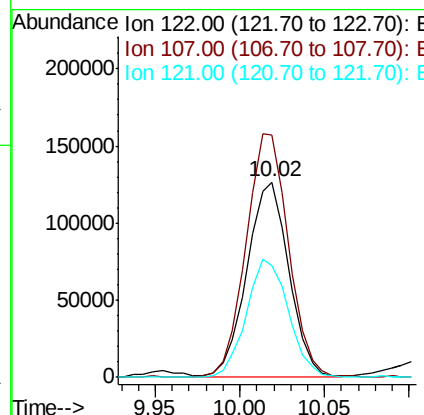
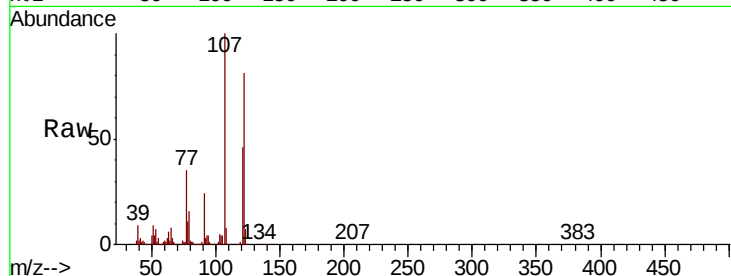
#27
2,4-Dimethylphenol
Concen: 48.339 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	107.1	160.7
121	57.4	46.8	70.2

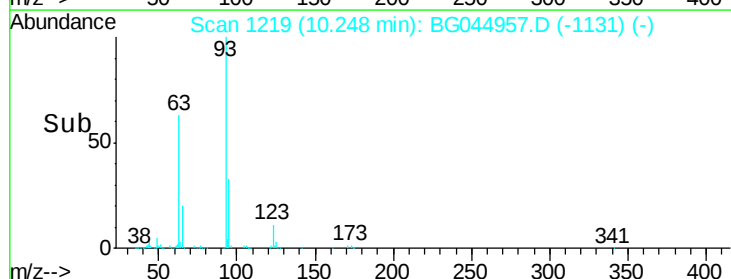
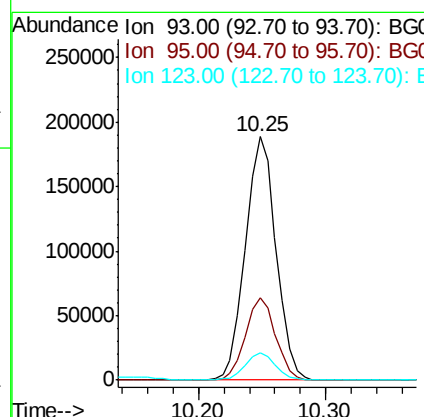
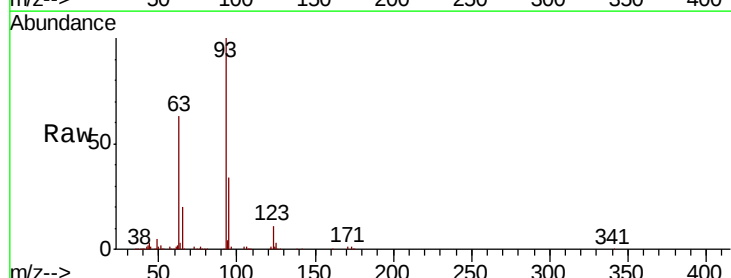
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#28
bis(2-Chloroethoxy)methane
Concen: 38.202 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	11.4	8.4	12.6





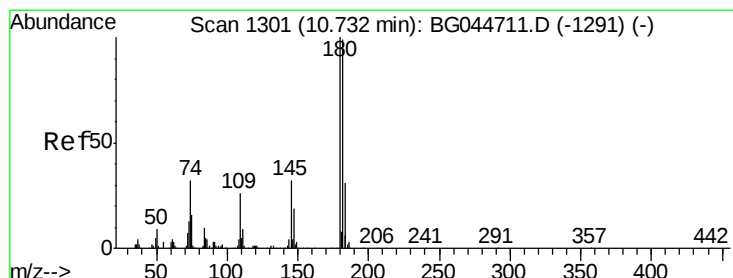
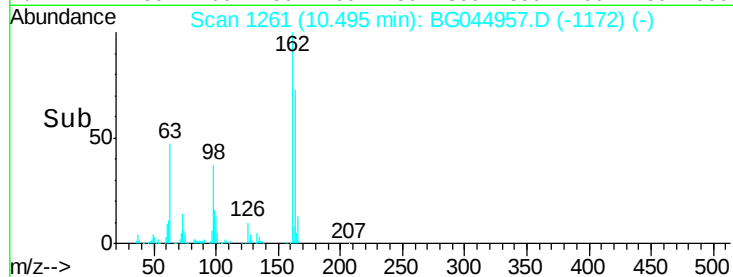
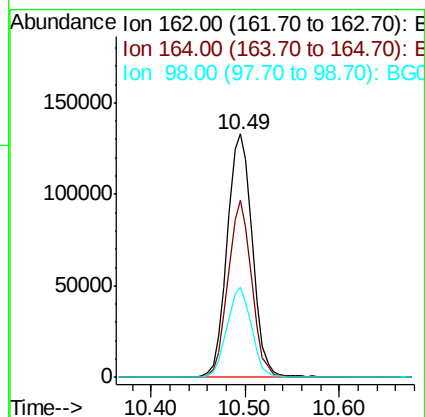
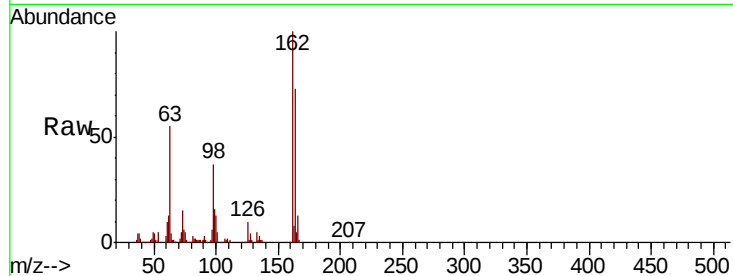
#29
 2,4-Dichlorophenol
 Concen: 46.993 ng
 RT: 10.49 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

Tot Ion:	162	Resp:	247235
Ion Ratio	Lower	Upper	
162	100		
164	72.6	45.2	85.2
98	37.2	19.0	59.0

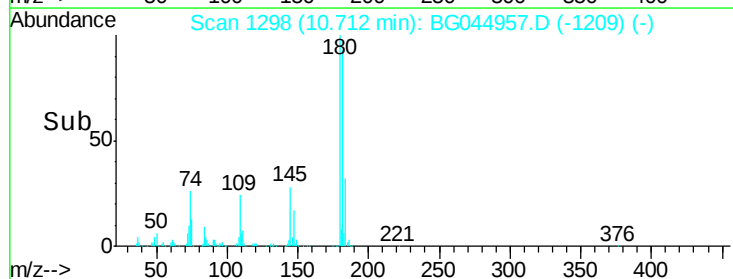
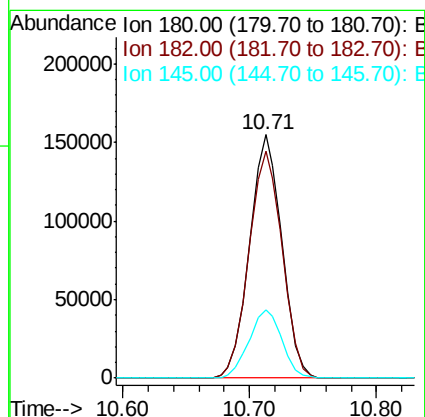
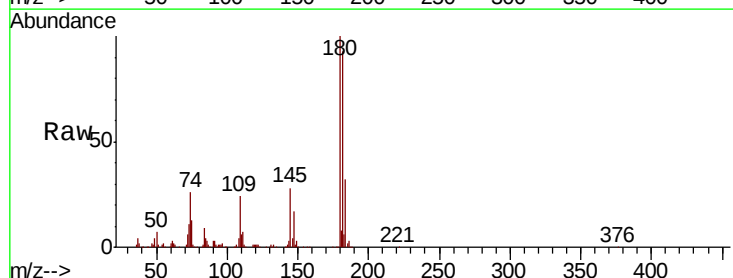
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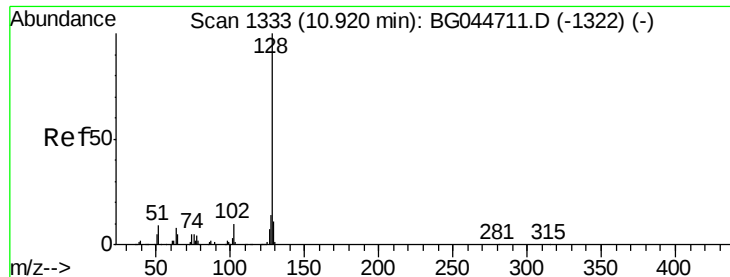
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.517 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Tgt Ion:	180	Resp:	273760
Ion Ratio	Lower	Upper	
180	100		
182	93.2	71.6	107.4
145	28.1	23.4	35.0





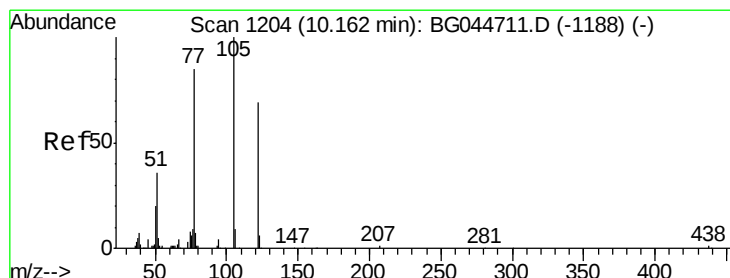
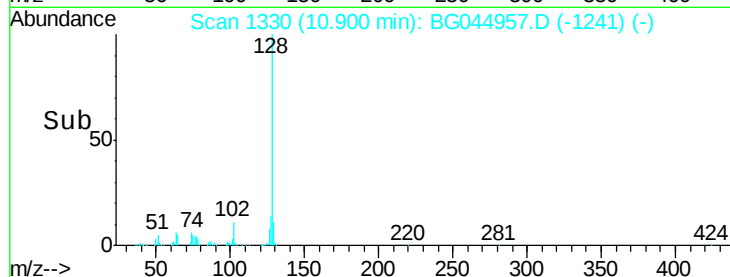
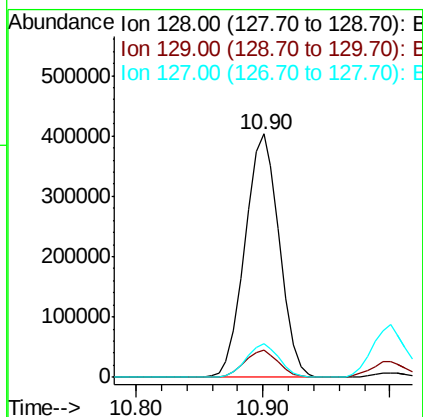
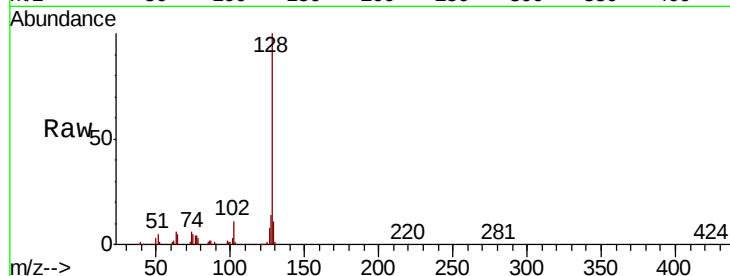
#31
Naphthalene
Concen: 43.766 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	14.0	10.8	16.2

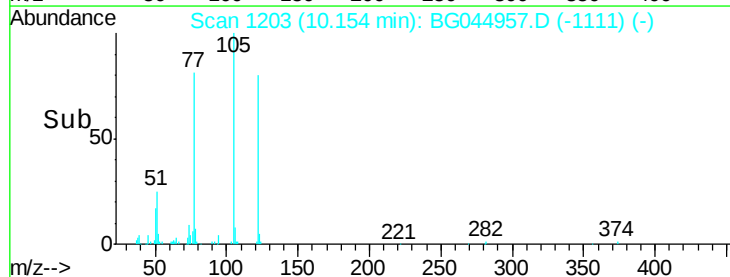
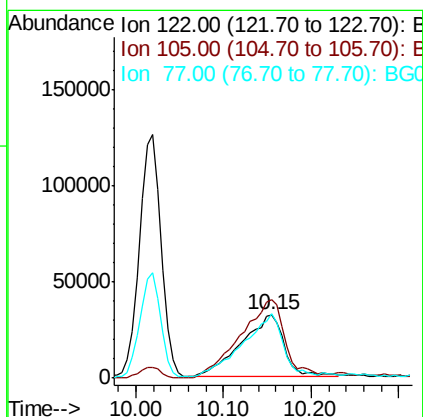
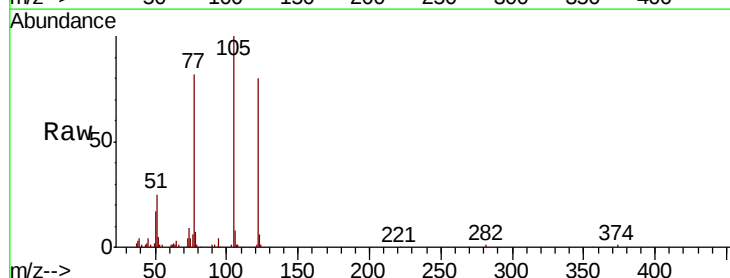
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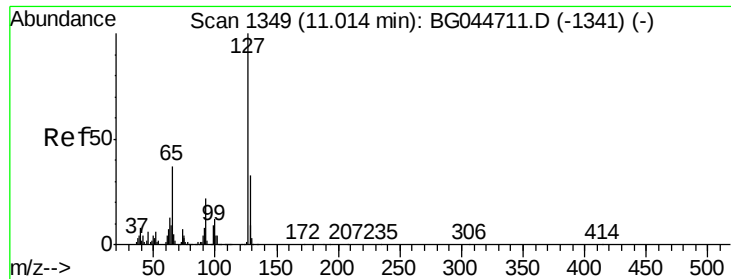
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#32
Benzoic acid
Concen: 34.461 ng
RT: 10.15 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	109.1	149.1
77	102.5	85.3	125.3





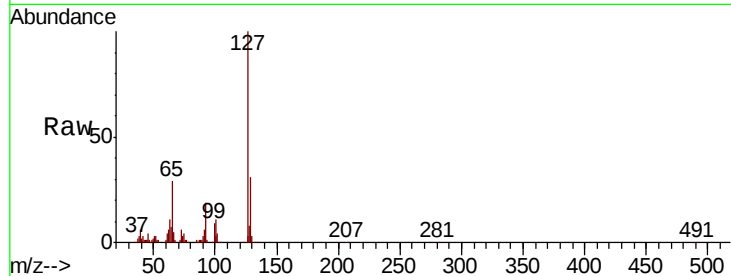
#33
4-Chloroaniline
Concen: 20.772 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampled :
PB128064BS

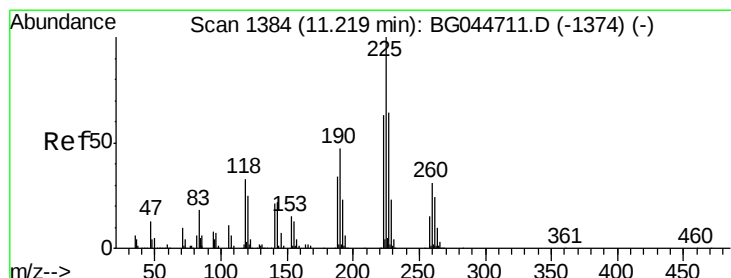
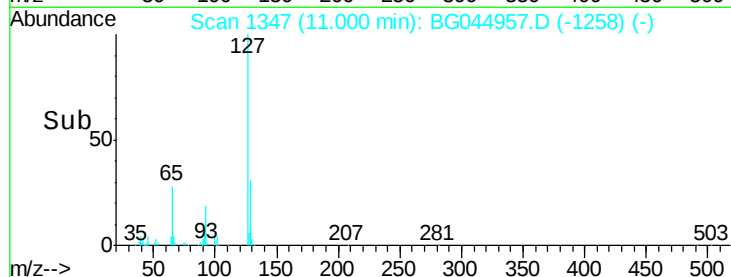
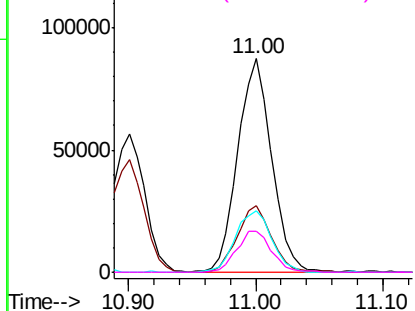
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.9	40.3		
65	28.5	27.7	41.5		
92	19.2	17.4	26.2		

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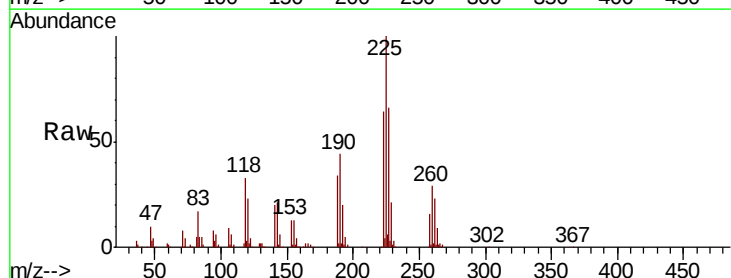


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

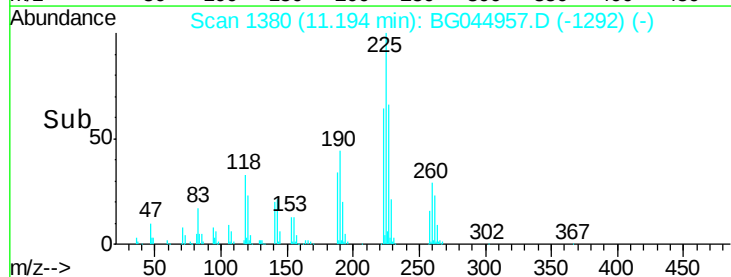
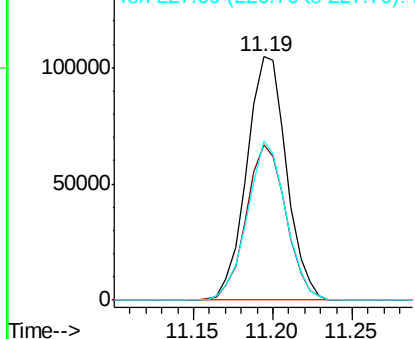


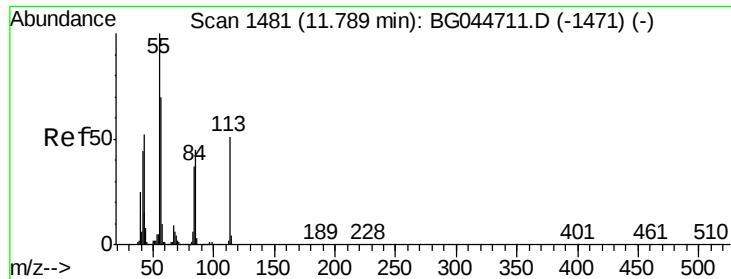
#34
Hexachlorobutadiene
Concen: 44.196 ng
RT: 11.19 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	47.4	71.0		
227	65.6	50.8	76.2		



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





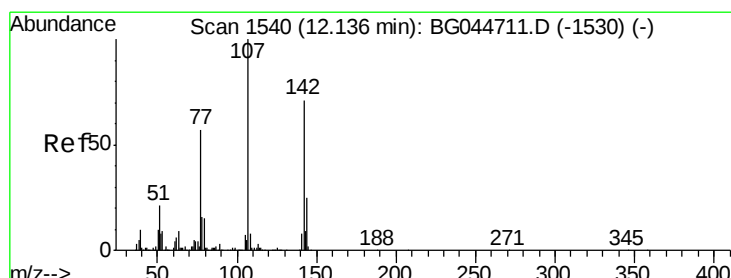
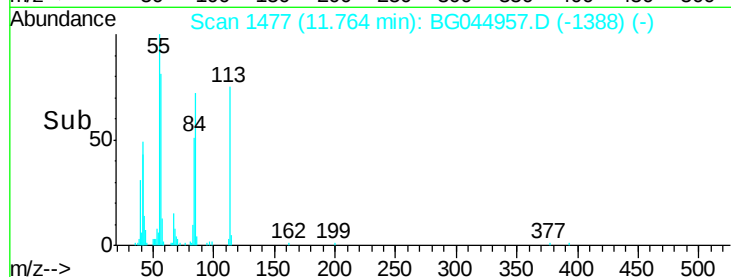
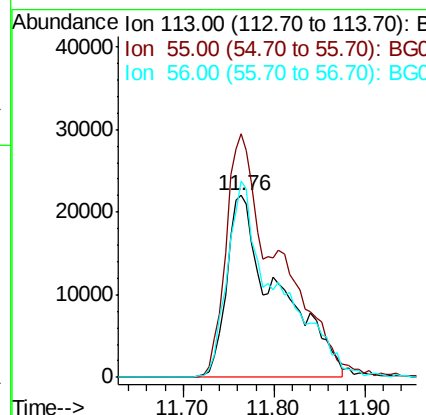
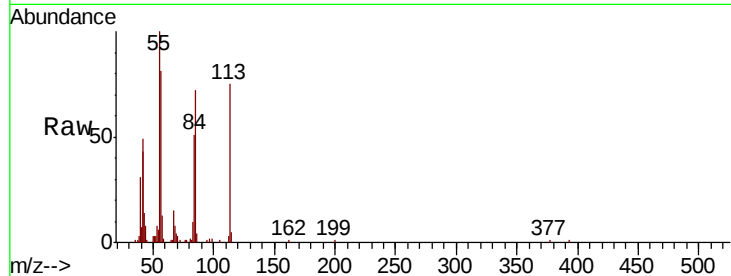
#35
Caprolactam
Concen: 43.593 ng/ml
RT: 11.76 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.9	173.8	213.8#
56	107.9	113.8	153.8#

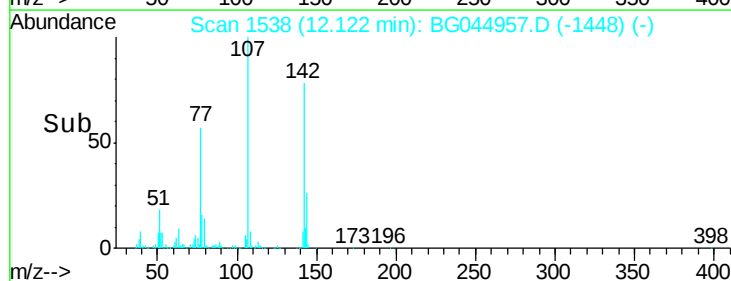
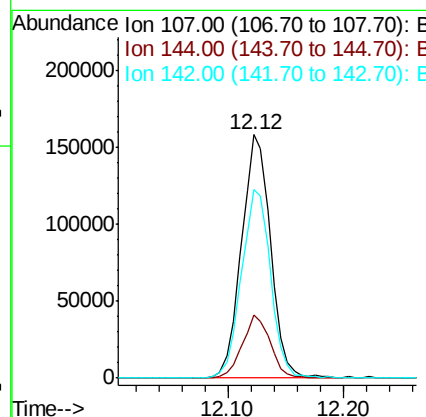
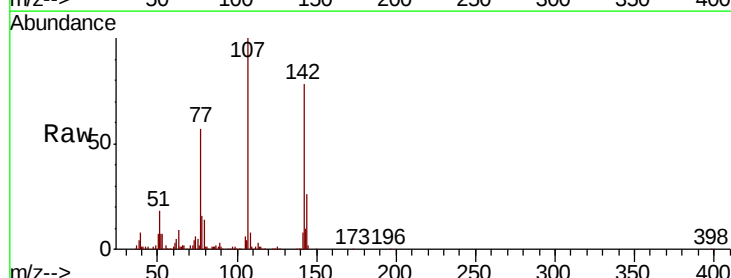
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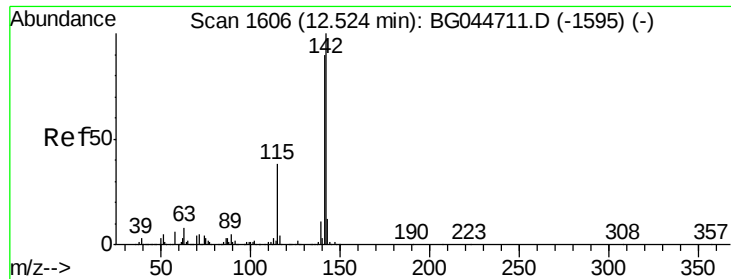
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#36
4-Chloro-3-methylphenol
Concen: 43.966 ng/ml
RT: 12.12 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	18.0	27.0
142	77.6	59.0	88.4





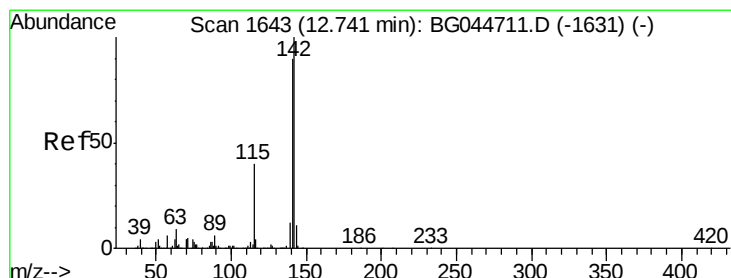
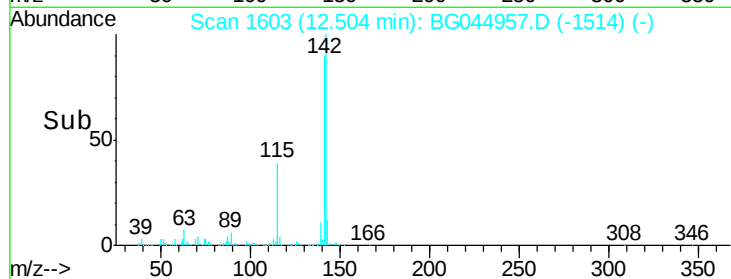
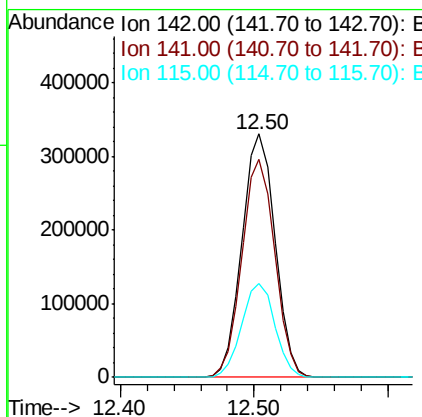
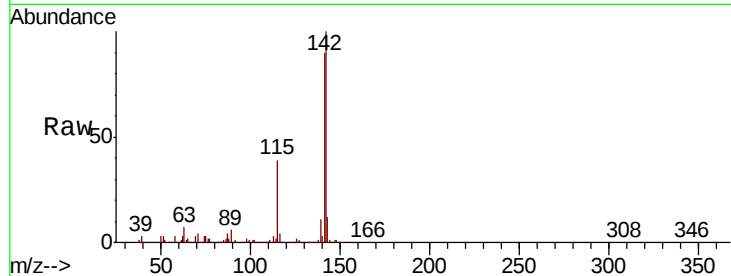
#37
2-Methylnaphthalene
Concen: 43.837 ng
RT: 12.50 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.1	112.7
115	38.8	30.6	46.0

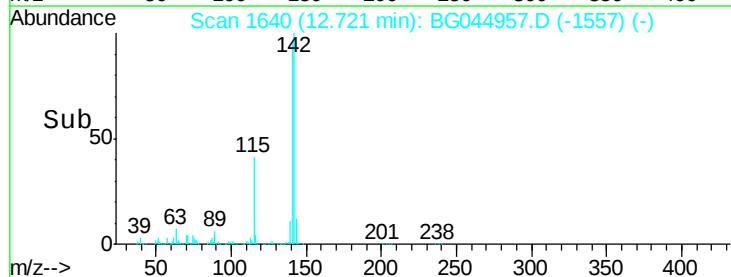
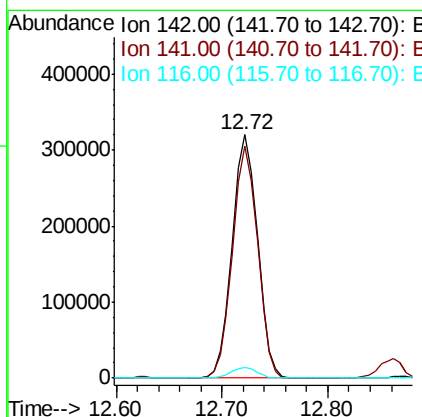
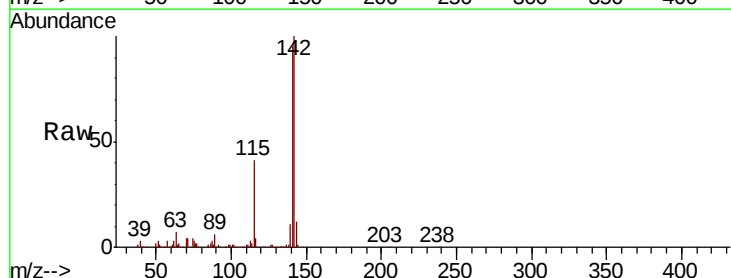
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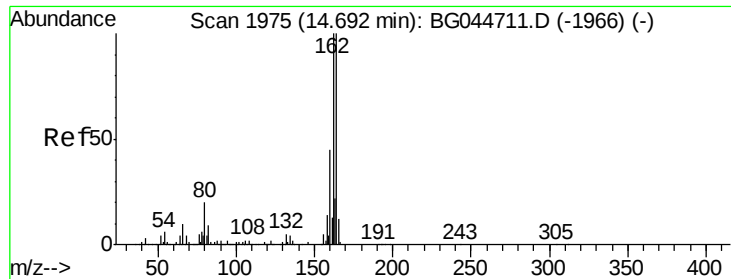
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#38
1-Methylnaphthalene
Concen: 43.816 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	74.7	112.1
116	4.2	3.3	4.9





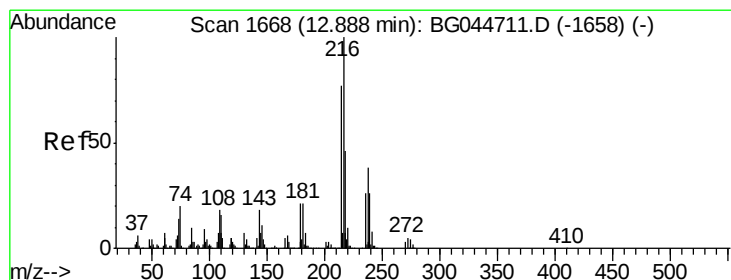
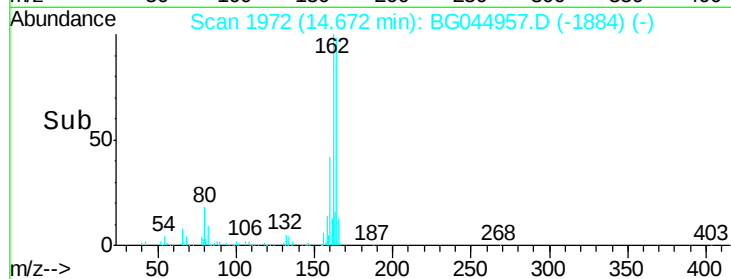
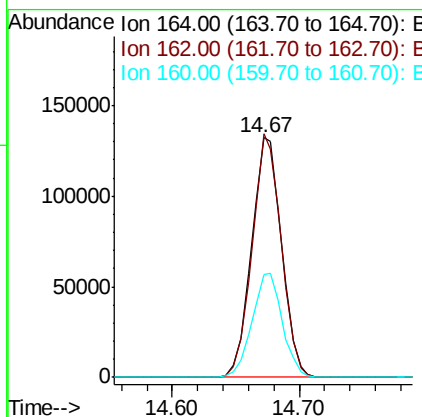
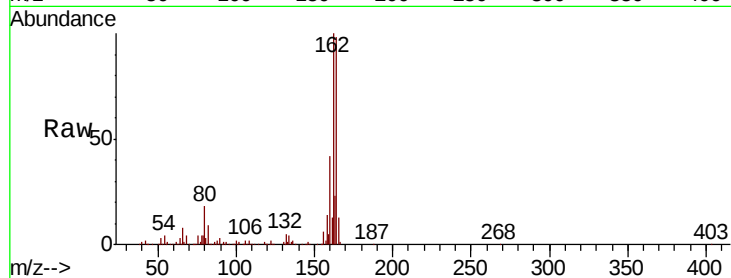
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	76.7	115.1
160	43.1	35.0	52.4

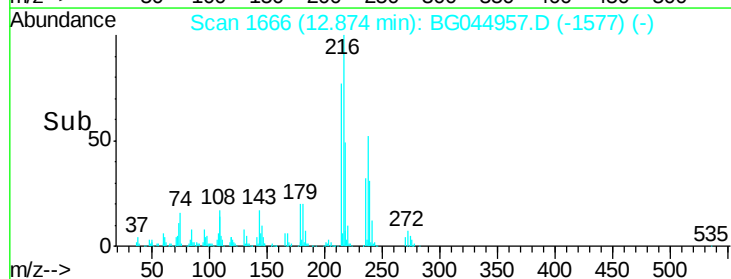
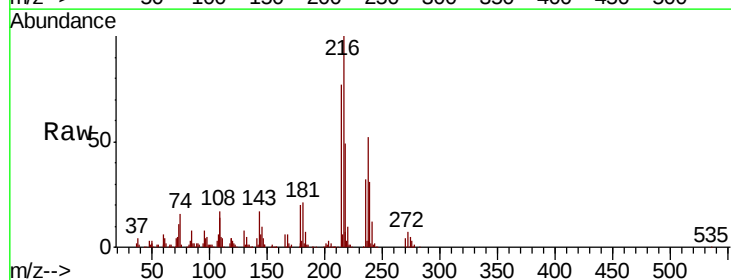
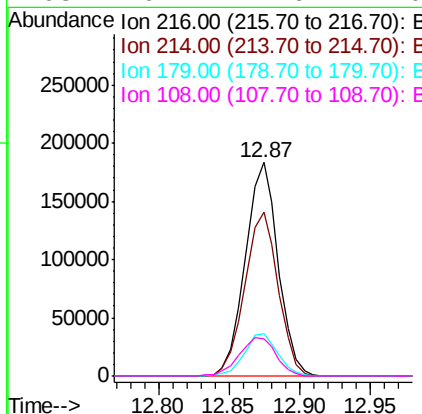
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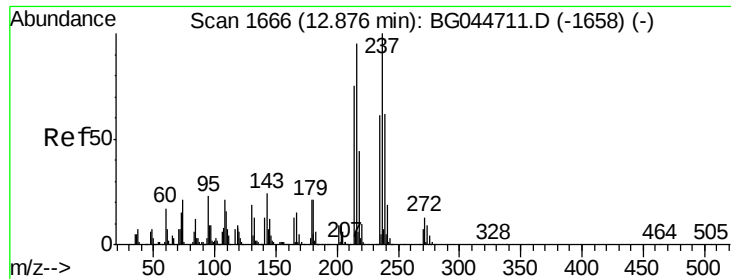
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.518 ng
 RT: 12.87 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	20.1	16.2	24.2
108	20.2	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 93.960 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

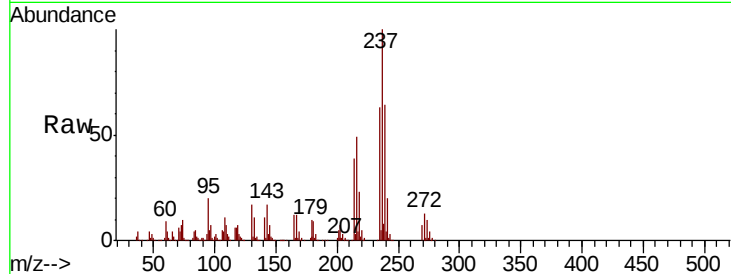
ClientSampleId :

PB128064BS

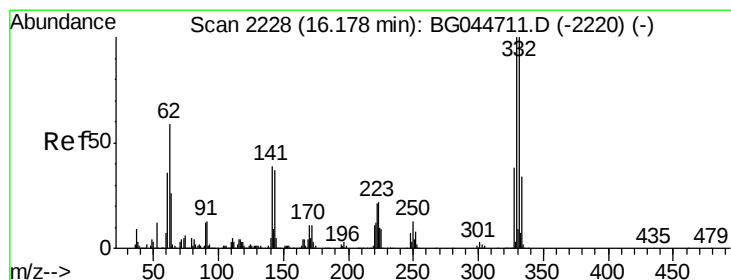
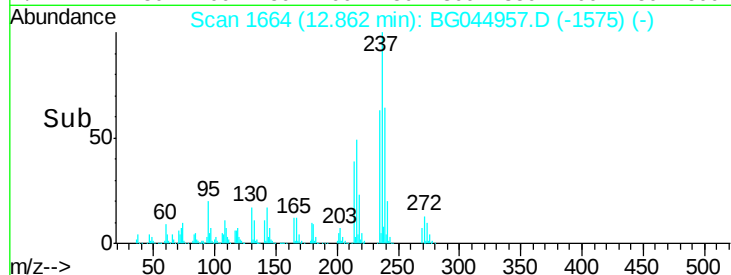
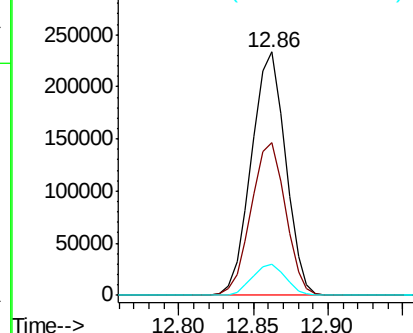
Tot Ion:	237	Resp:	368648
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.9	82.9
272	12.8	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.587 ng

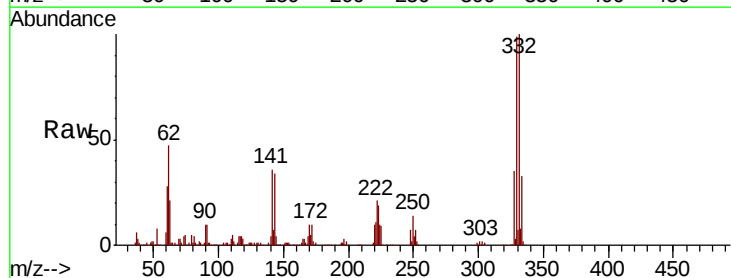
RT: 16.16 min Scan# 2226

Delta R.T. -0.01 min

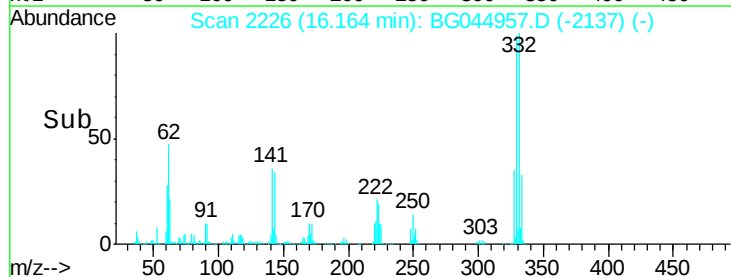
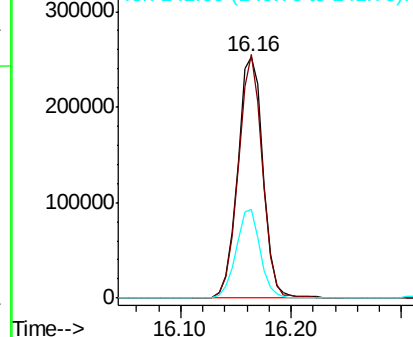
Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	330	Resp:	406981
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.8	116.6
141	35.2	29.5	44.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





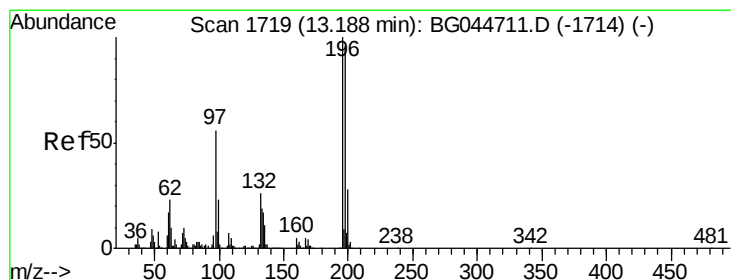
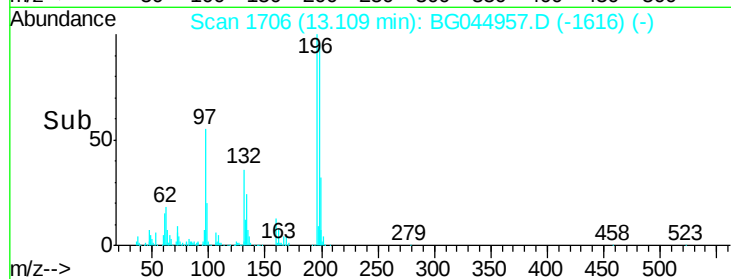
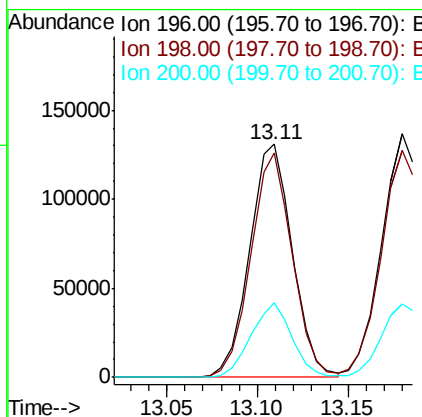
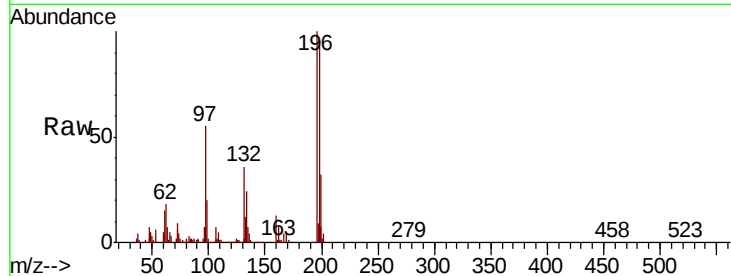
#43
 2,4,6-Trichlorophenol
 Concen: 45.140 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.9	112.3
200	32.1	25.8	38.6

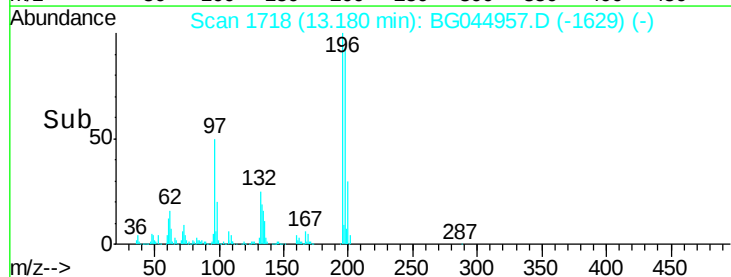
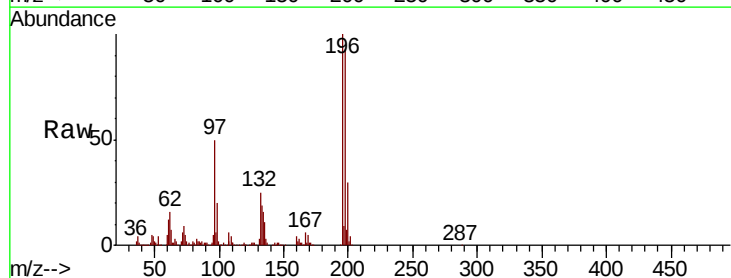
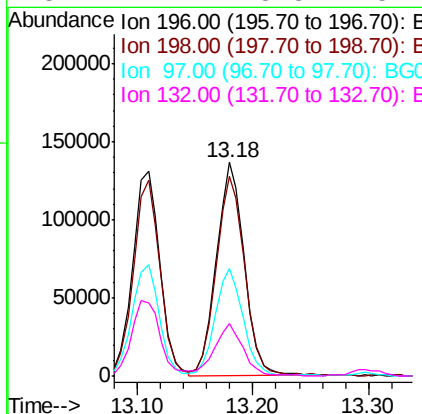
Manual Integrations
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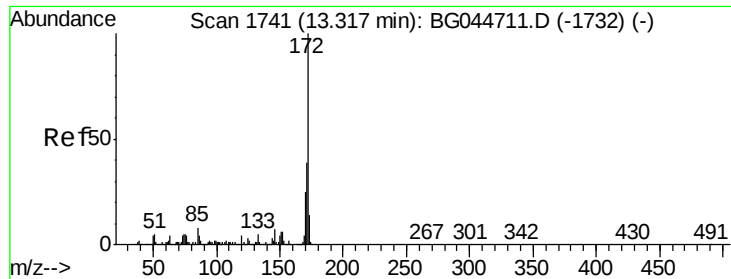
mohammad
 4/8/2020 8:14:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.824 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.2	111.4
97	50.4	36.7	55.1
132	24.7	18.8	28.2





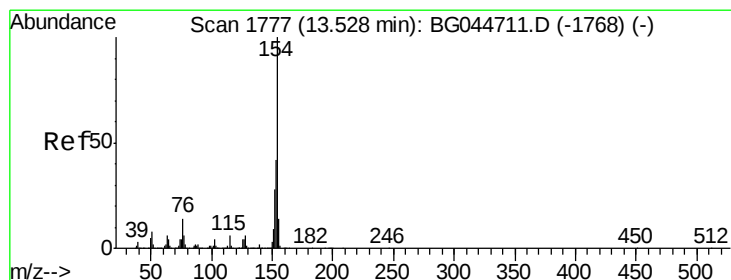
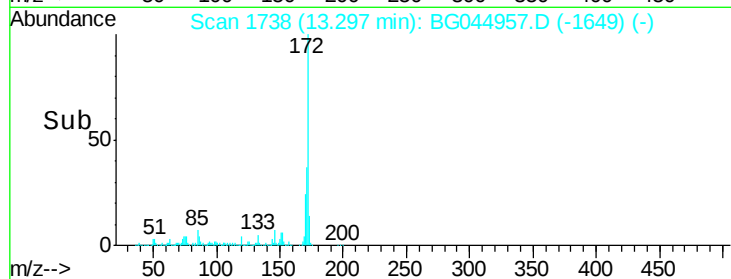
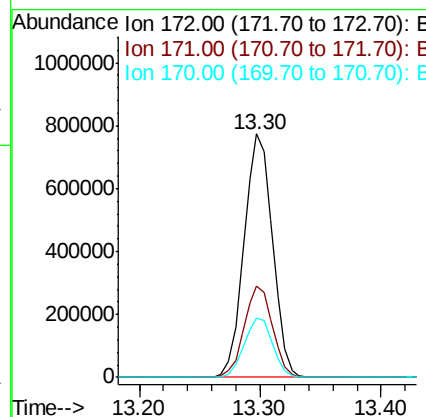
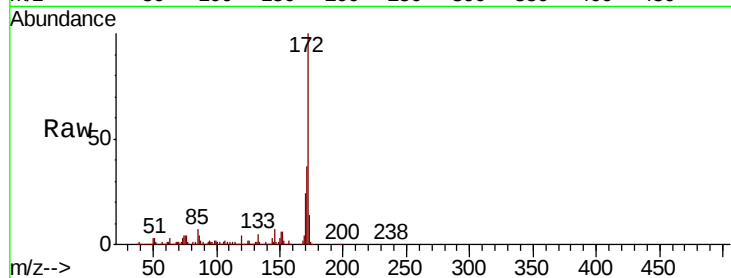
#45
2-Fluorobiphenyl
Concen: 83.491 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.1	19.0	28.6

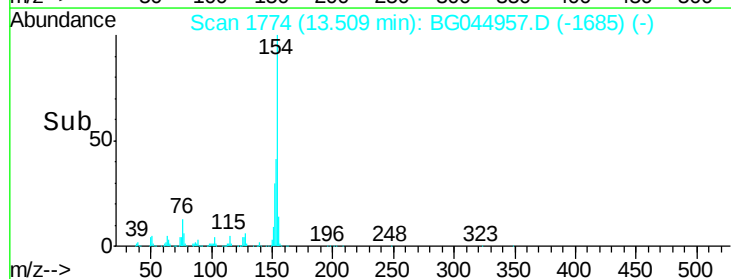
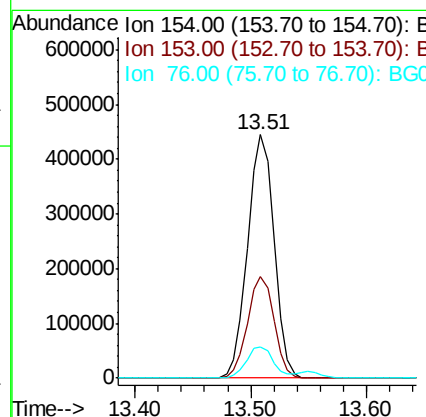
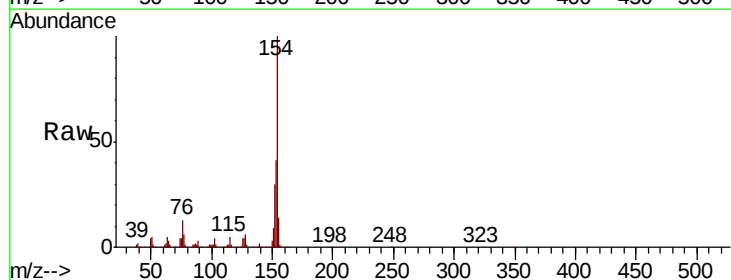
Manual Integrations
APPROVED

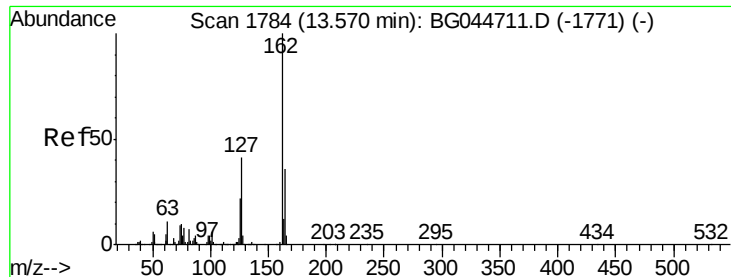
mohammad
4/8/2020 8:14:05 AM



#46
1,1'-Biphenyl
Concen: 40.588 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.9	62.9
76	13.0	0.0	34.6





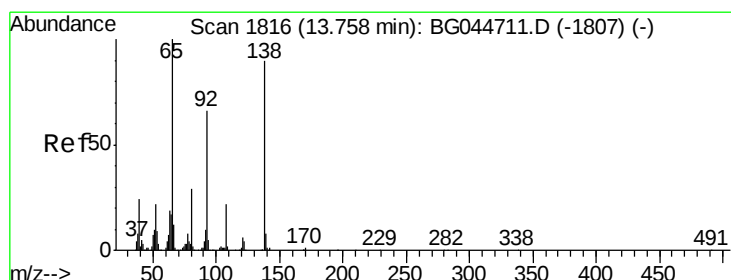
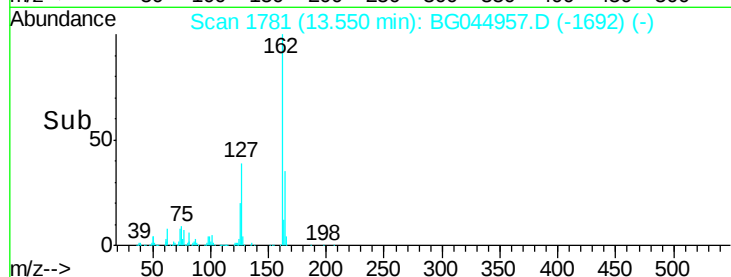
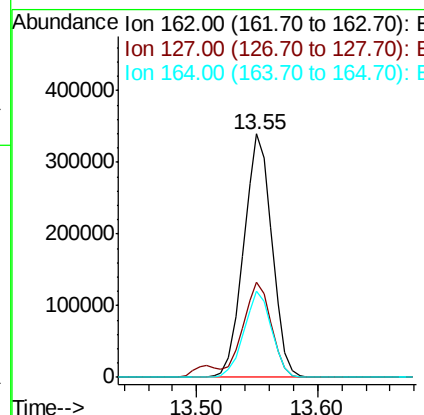
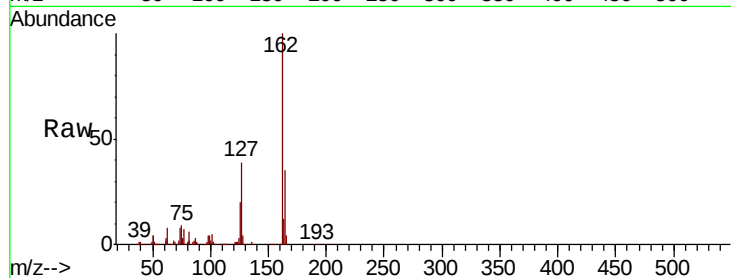
#47
2-Chloronaphthalene
Concen: 41.436 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.1	49.7
164	35.3	27.4	41.2

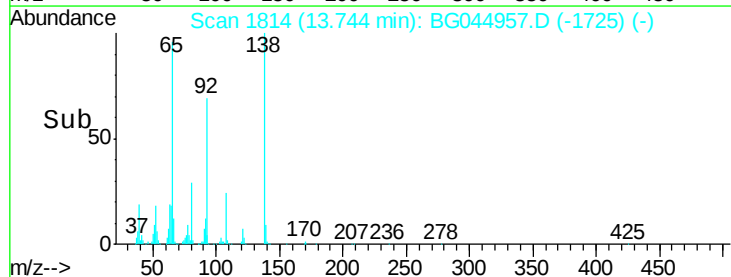
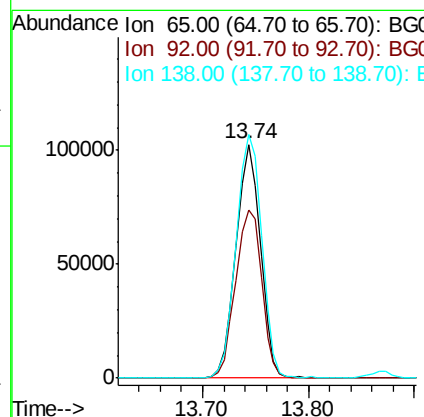
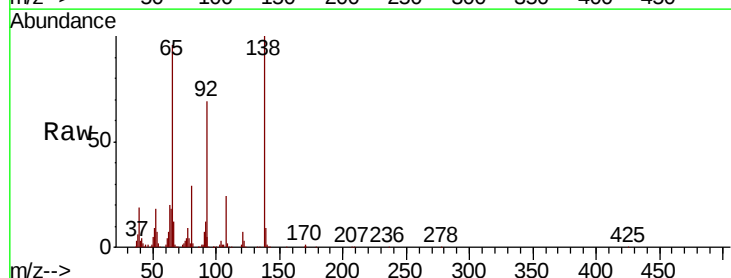
Manual Integrations
APPROVED

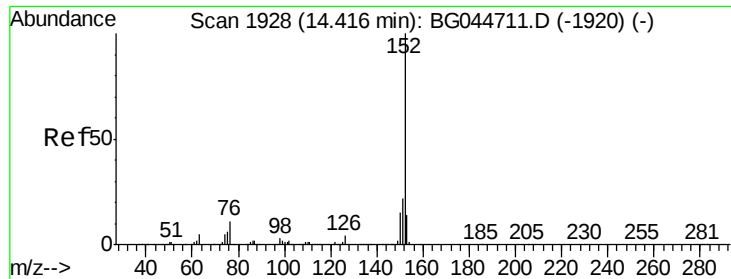
mohammad
4/8/2020 8:14:05 AM



#48
2-Nitroaniline
Concen: 35.291 ng
RT: 13.74 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	52.6	79.0
138	104.3	78.3	117.5





#49

Acenaphthylene

Concen: 43.195 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

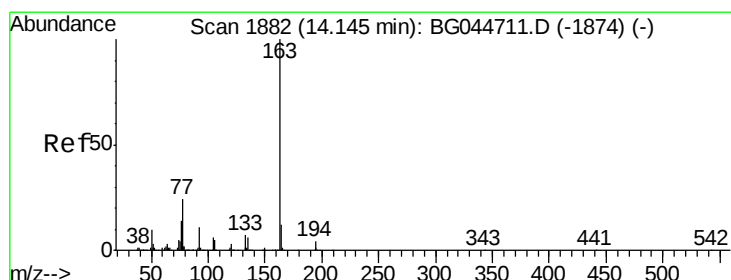
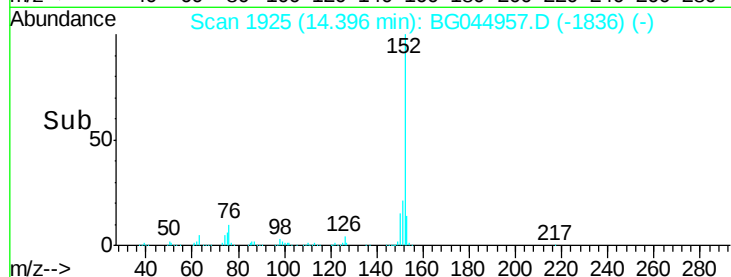
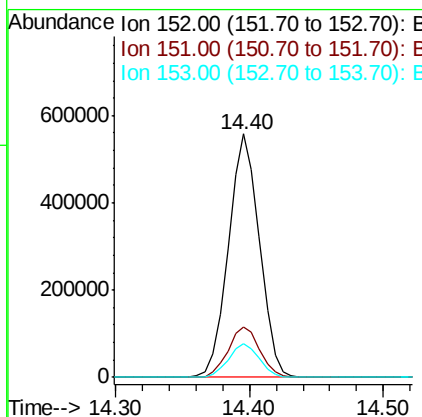
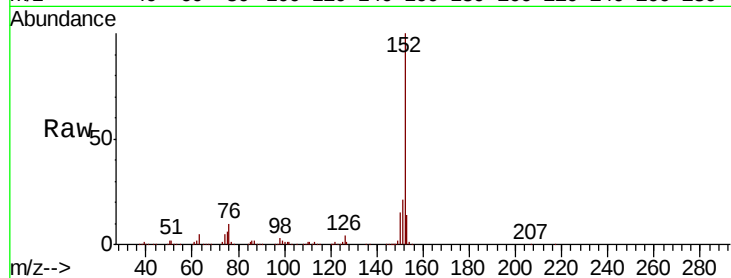
ClientSampleId :

PB128064BS

Tot Ion:	152	Resp:	900533
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.9	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.738 ng

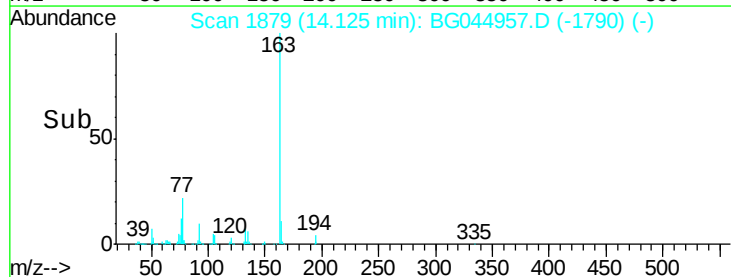
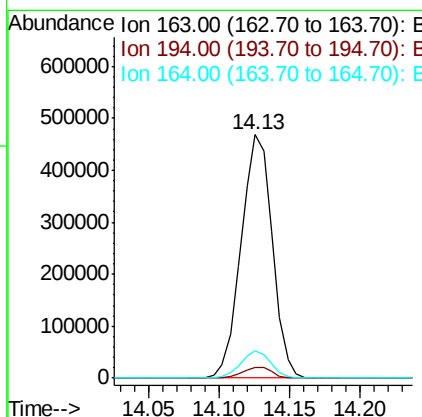
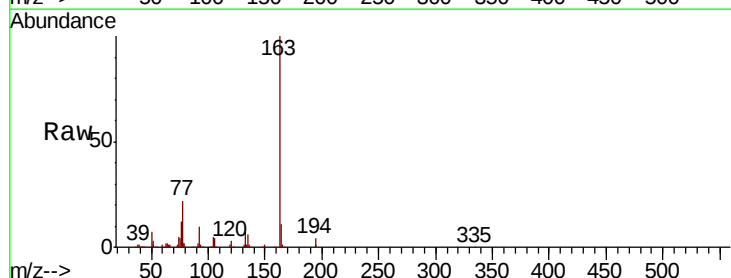
RT: 14.13 min Scan# 1879

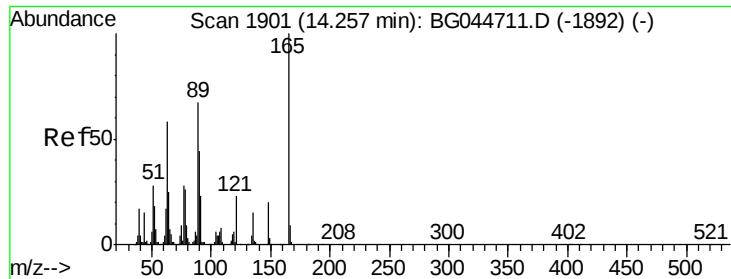
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	163	Resp:	724652
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	11.2	9.1	13.7





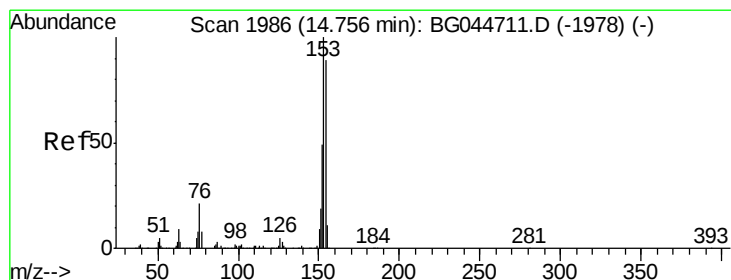
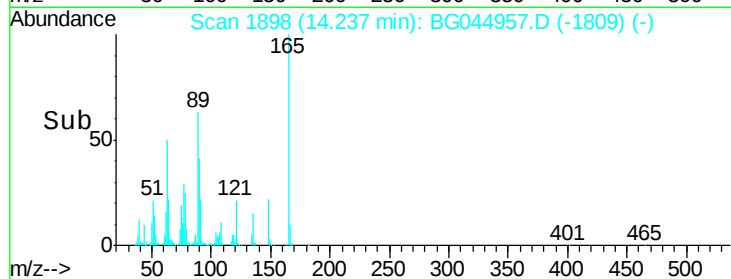
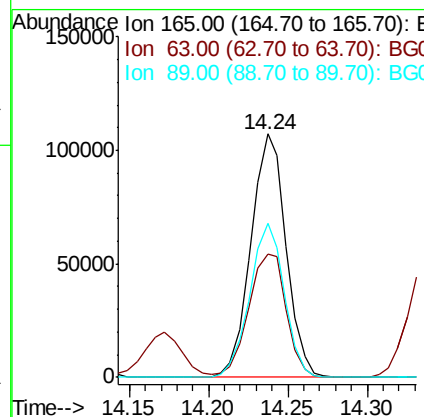
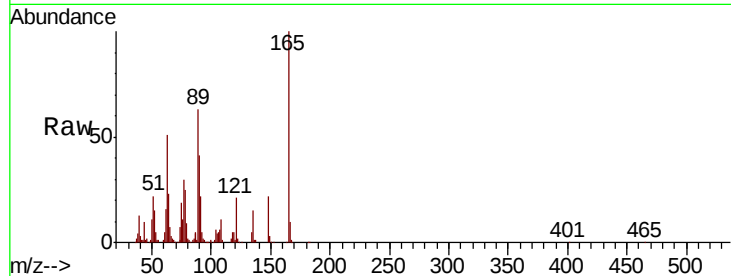
#51
2,6-Dinitrotoluene
Concen: 47.062 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	45.8	68.8
89	63.1	51.8	77.6

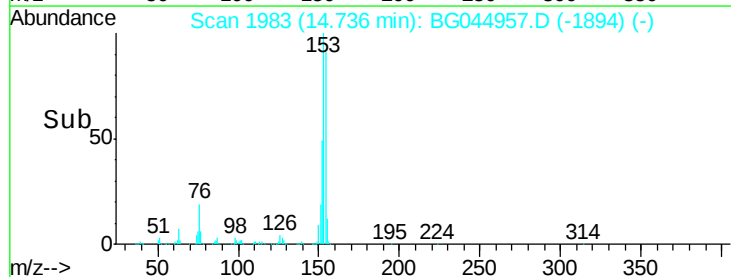
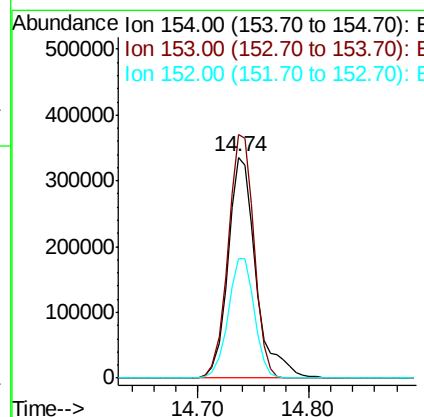
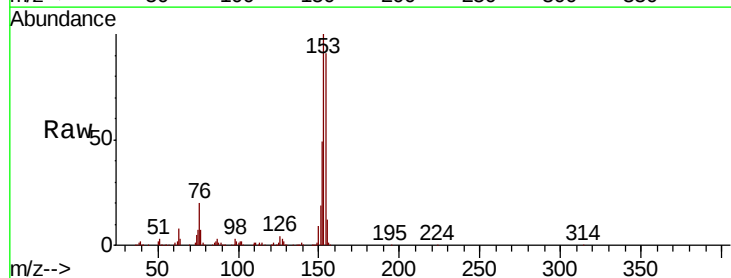
Manual Integrations
APPROVED

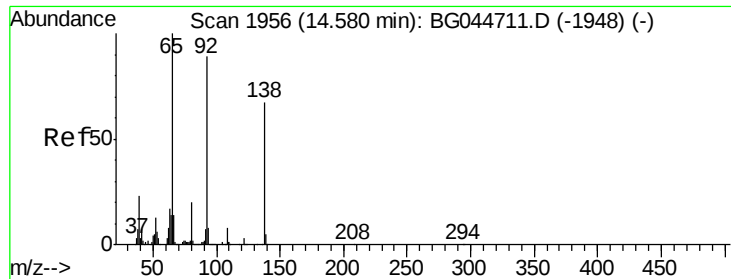
mohammad
4/8/2020 8:14:05 AM



#52
Acenaphthene
Concen: 43.304 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.0	133.6
152	54.2	43.0	64.6





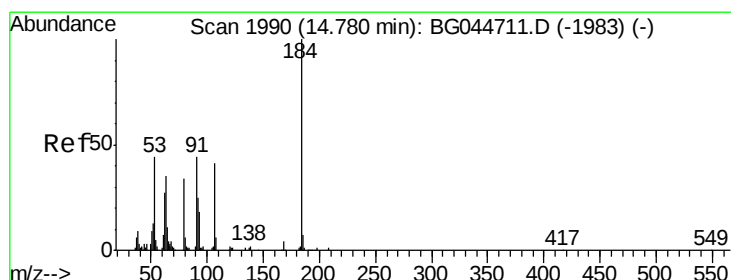
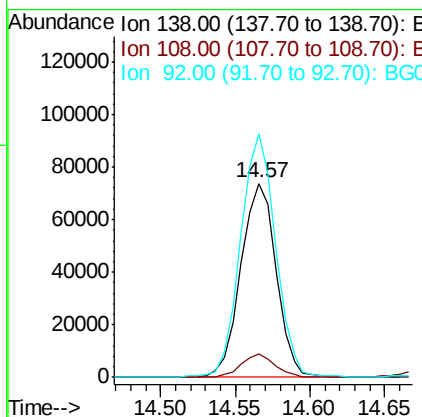
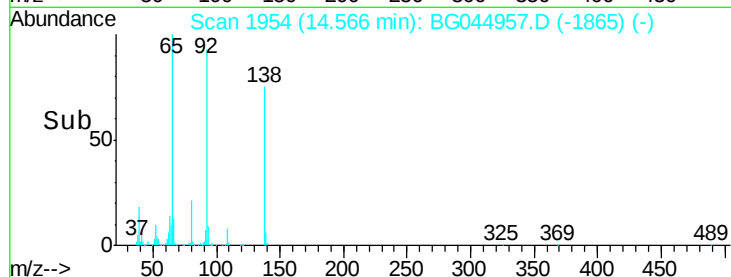
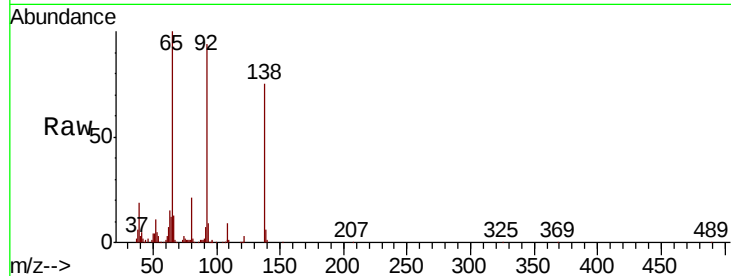
#53
3-Nitroaniline
Concen: 30.083 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.0	13.4
92	125.3	96.8	145.2

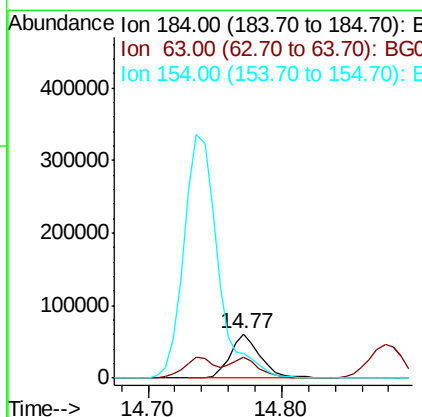
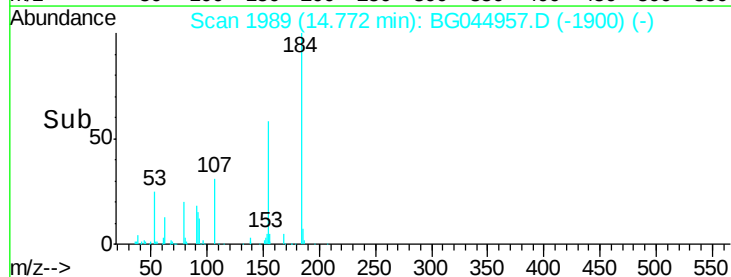
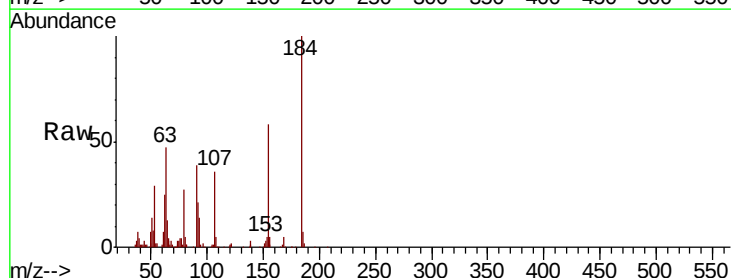
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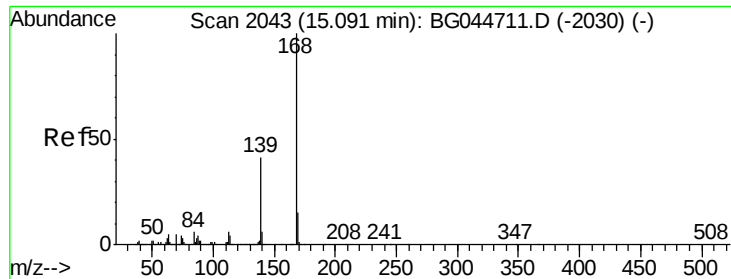
mohammad
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#54
2,4-Dinitrophenol
Concen: 55.051 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.5	45.5	68.3
154	57.5	49.1	73.7





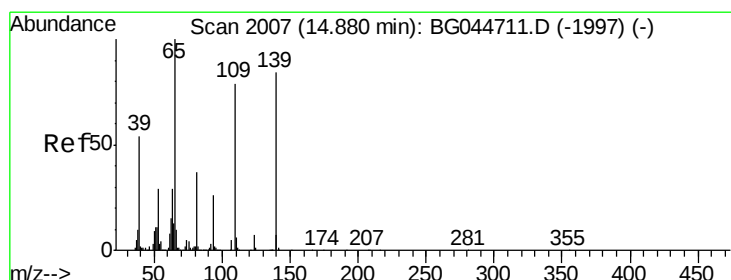
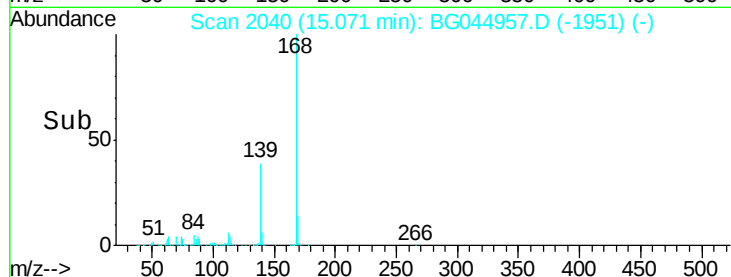
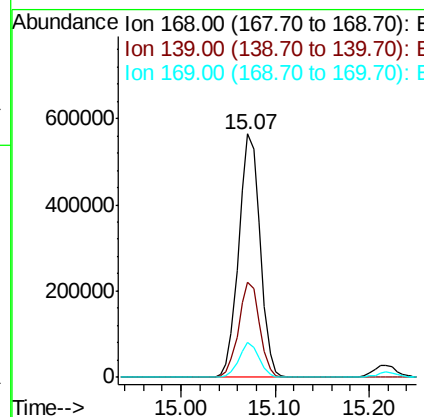
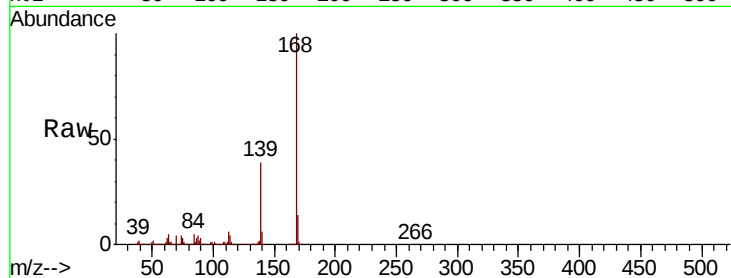
#55
Dibenzenofuran
Concen: 44.816 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.4	47.0
169	14.3	11.1	16.7

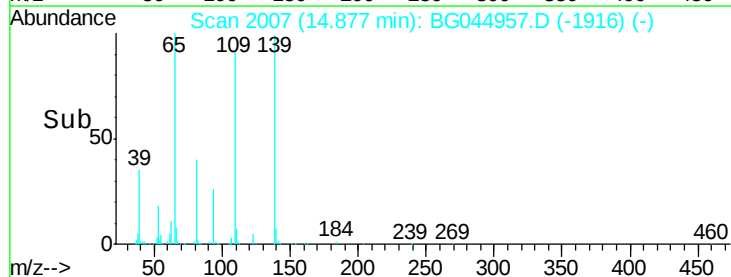
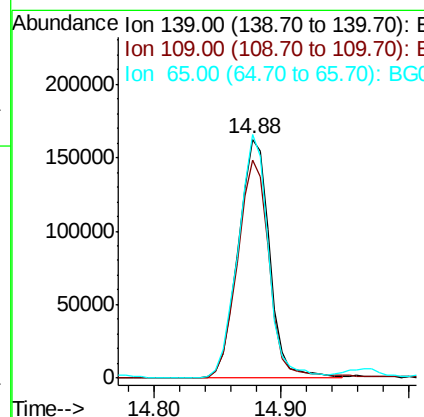
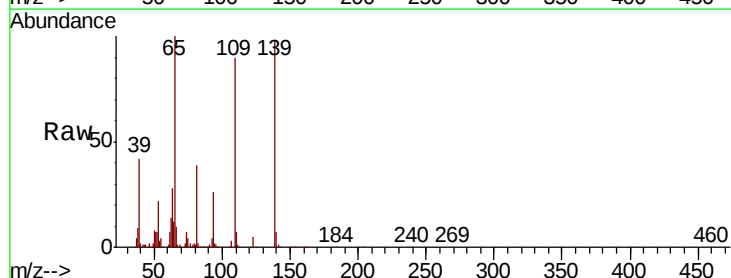
Manual Integrations
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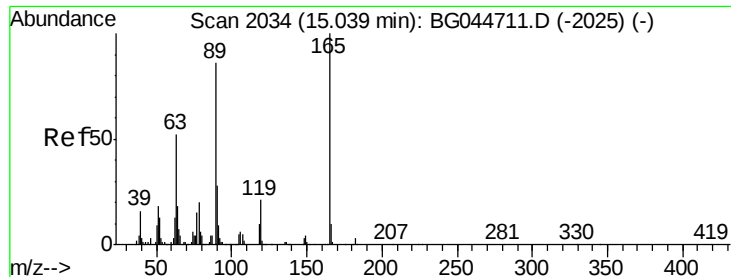
mohammad
4/8/2020 8:14:05 AM



#56
4-Nitrophenol
Concen: 90.462 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.6	68.8	108.8
65	102.0	92.5	132.5





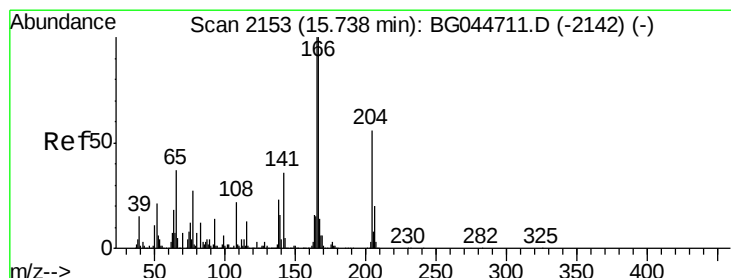
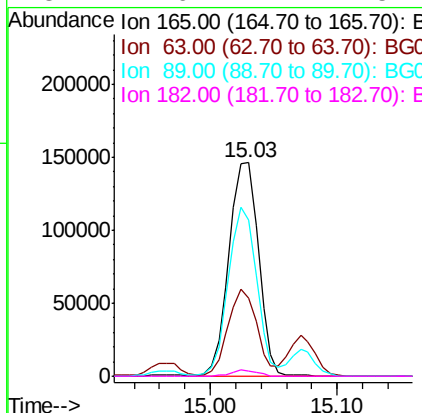
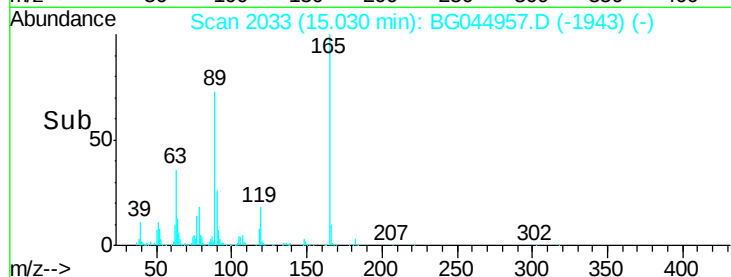
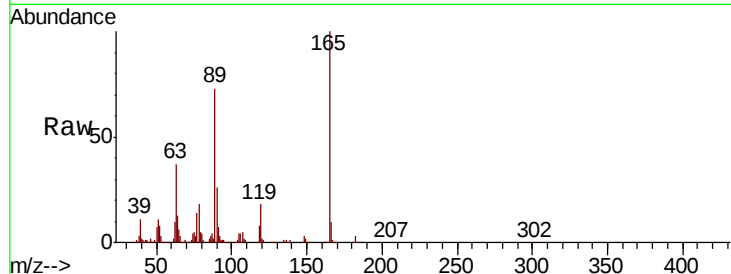
#57
2,4-Dinitrotoluene
Concen: 49.354 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236886		
63	36.7	34.6	52.0	
89	72.9	61.3	91.9	
182	2.6	2.2	3.2	

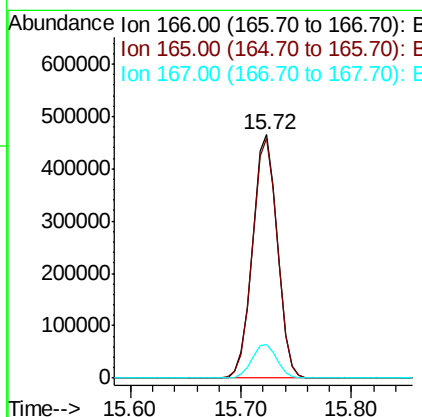
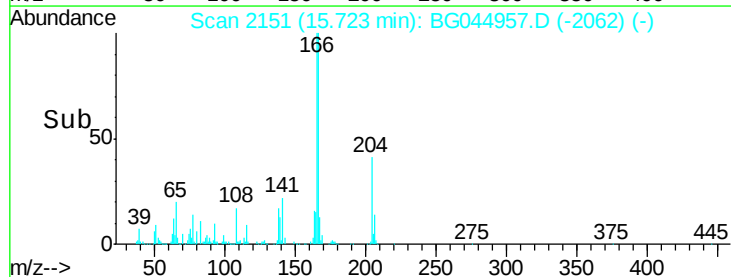
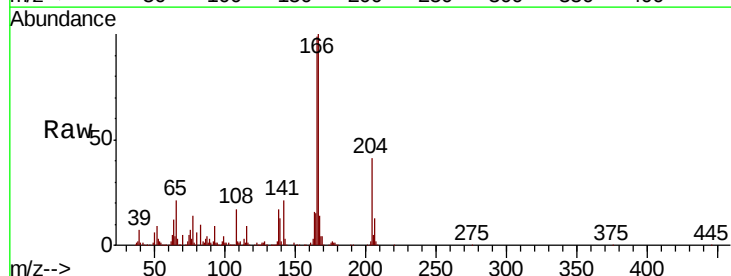
Manual Integrations
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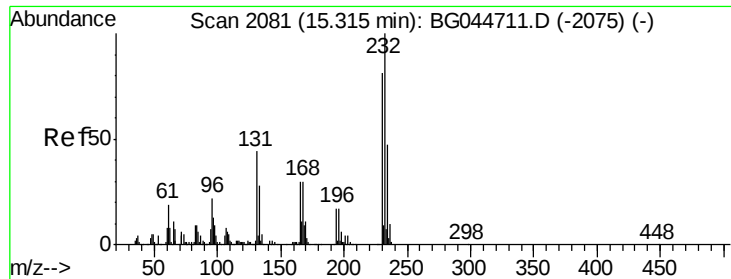
mohammad
4/8/2020 8:14:05 AM



#58
Fluorene
Concen: 44.876 ng
RT: 15.72 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	730921		
165	98.5	79.7	119.5	
167	13.9	10.6	16.0	





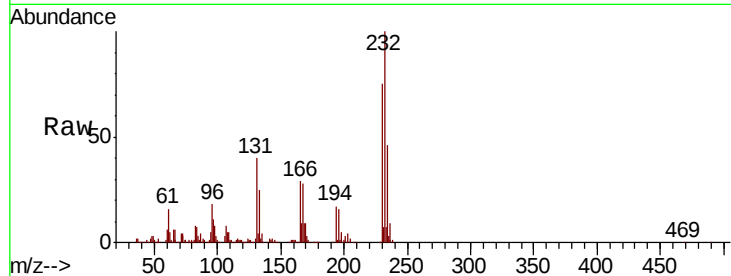
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.195 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB128064BS

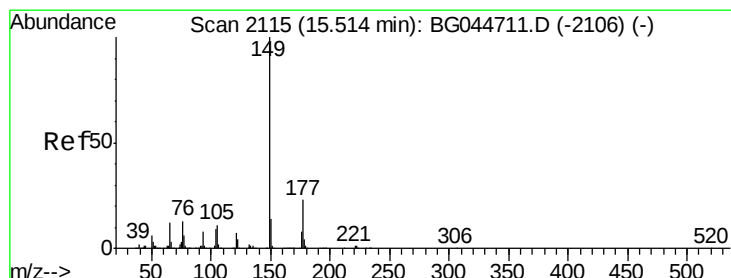
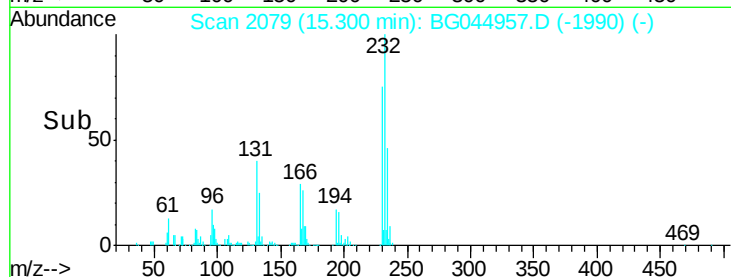
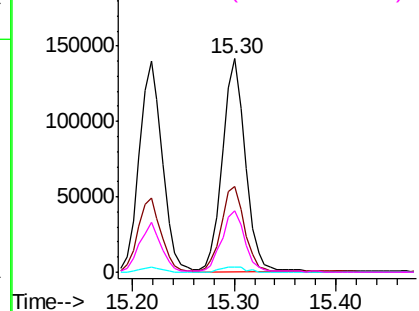
Tot Ion	Ratio	Resp	Lower	Upper
232	100	223791		
131	40.6		31.8	47.8
130	2.7		2.2	3.2
166	28.1		20.2	30.2

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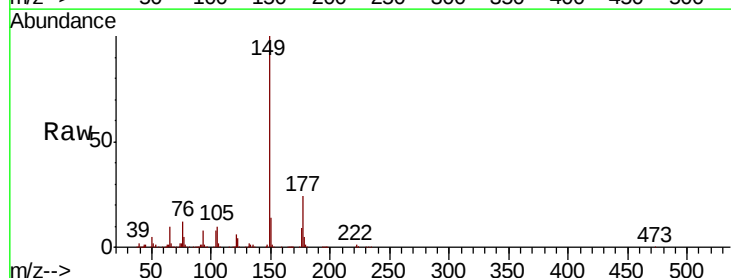


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

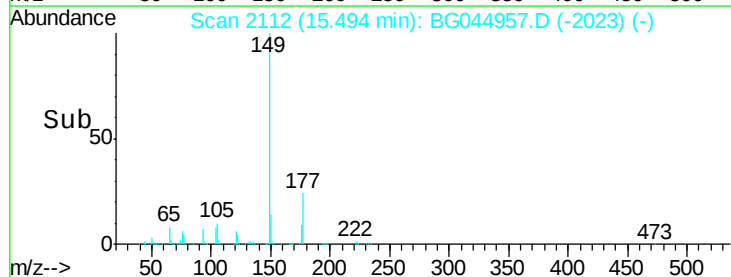
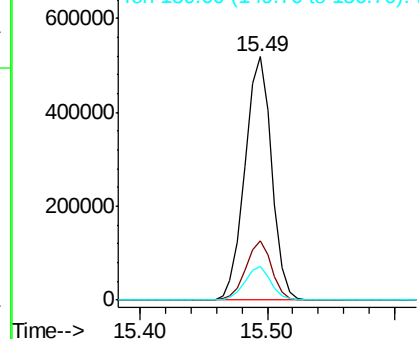


#60
 Diethylphthalate
 Concen: 41.631 ng
 RT: 15.49 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044957.D
 Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753872		
177	24.2		19.3	28.9
150	14.1		11.0	16.6



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





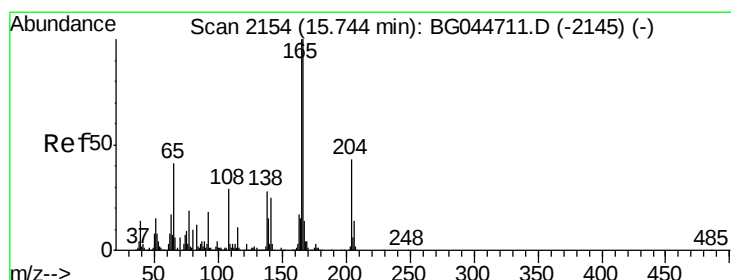
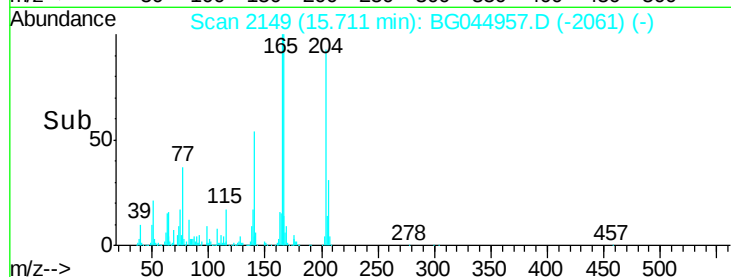
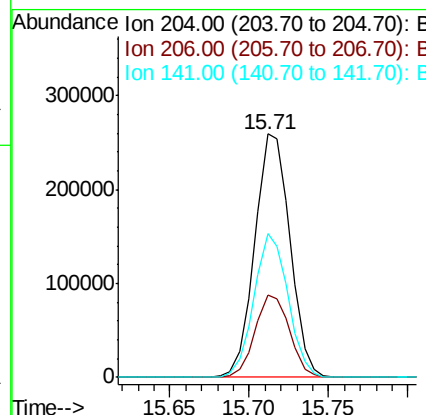
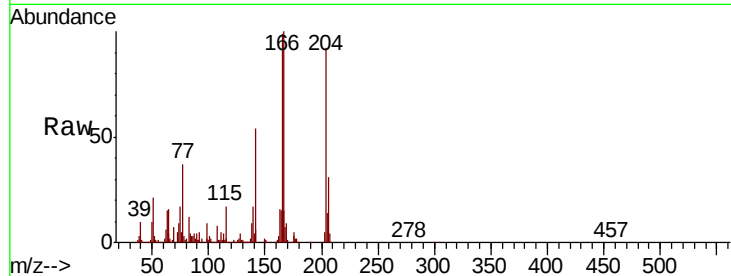
#61
4-Chlorophenyl-phenylether
Concen: 45.687 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	58.9	47.7	71.5

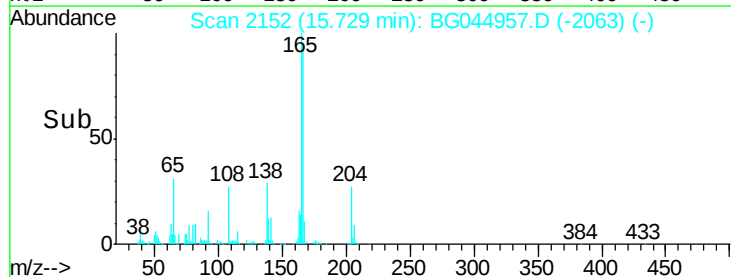
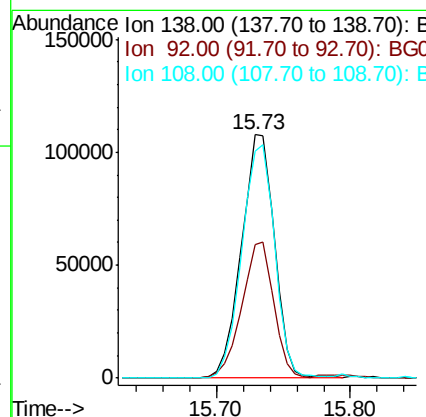
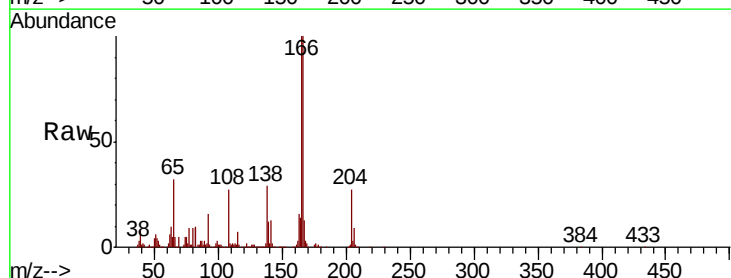
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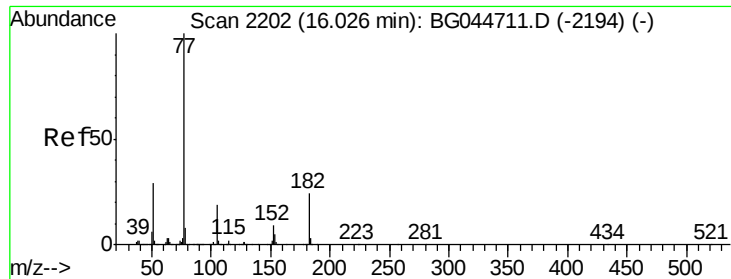
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#62
4-Nitroaniline
Concen: 42.921 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	34.5	74.5
108	93.1	74.5	114.5





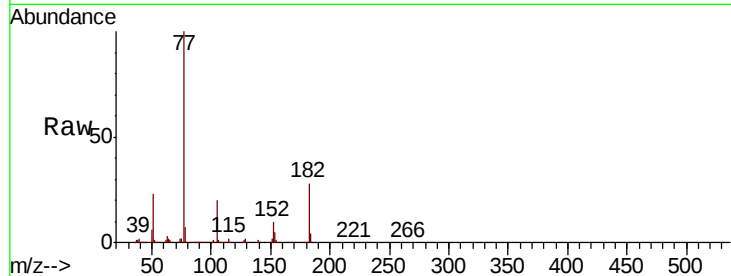
#63
Azobenzene
Concen: 40.214 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

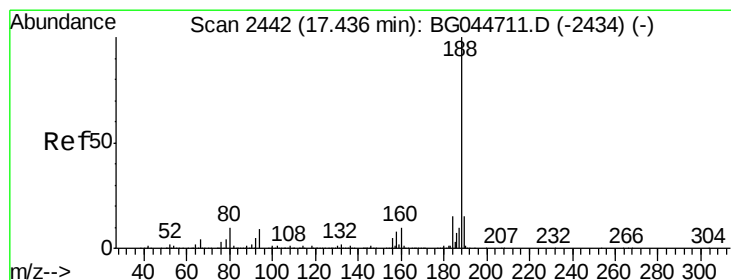
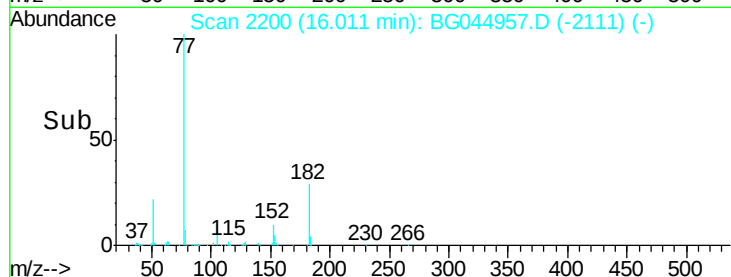
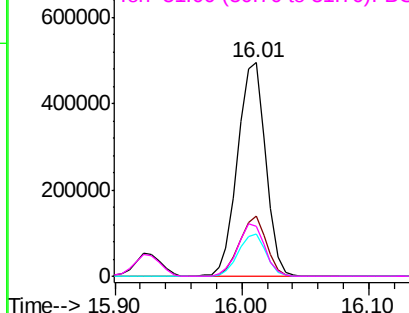
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.9	6.4	46.4		
105	19.7	0.0	39.1		
51	23.4	7.3	47.3		

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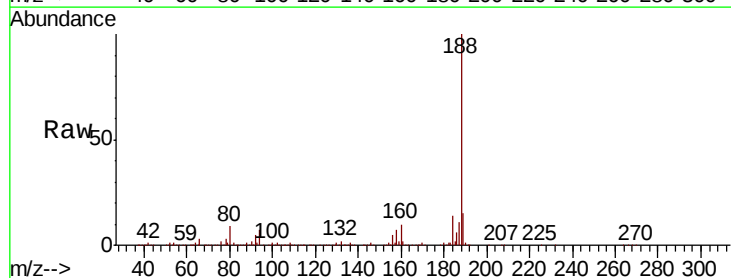


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

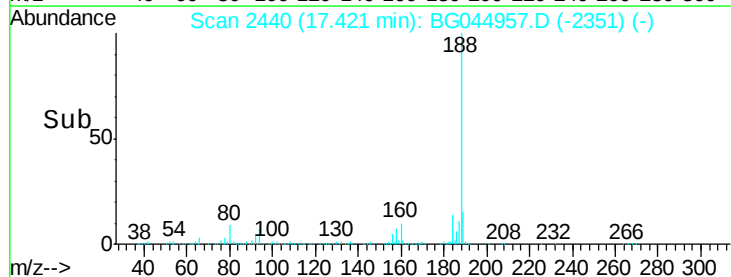
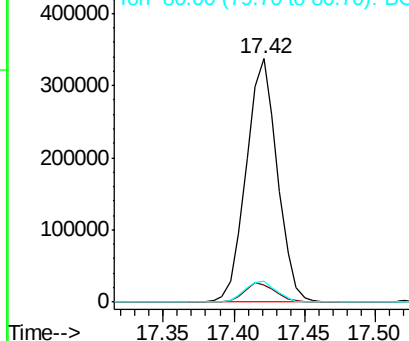


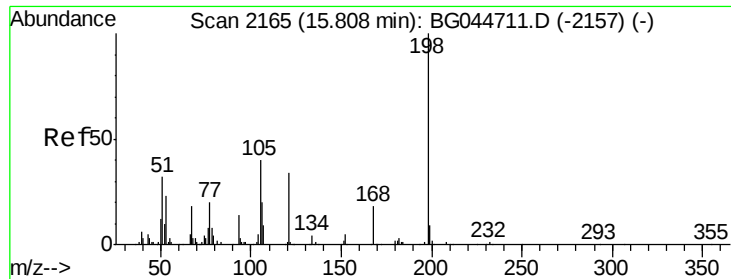
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.1	7.3	10.9#		
80	8.7	8.0	12.0		



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





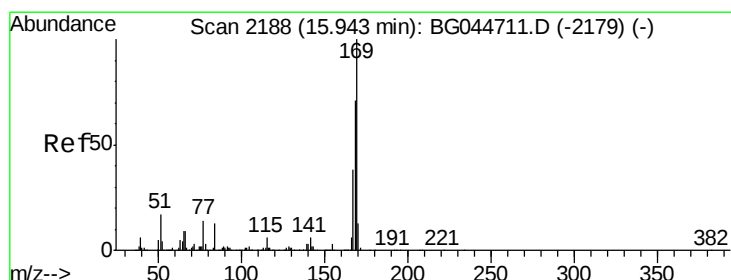
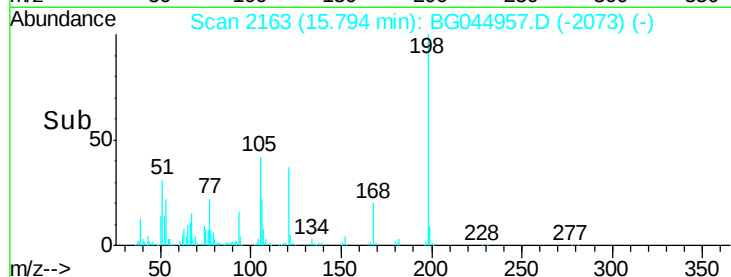
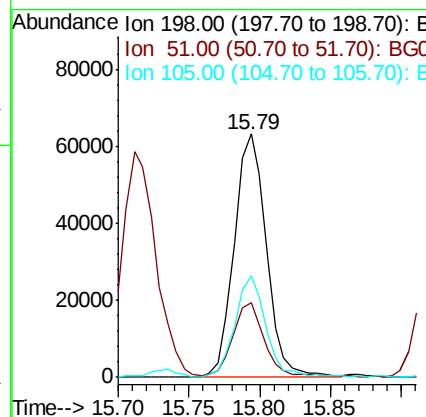
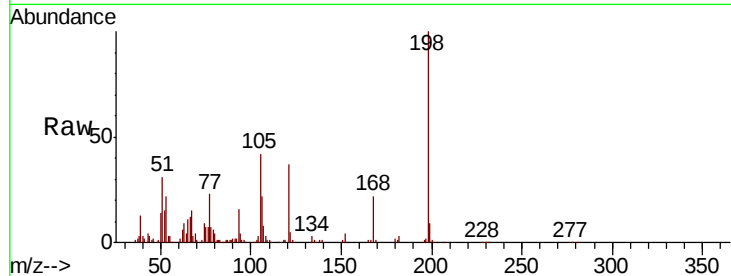
#65
4,6-Dinitro-2-methylphenol
Concen: 42.052 ng
RT: 15.79 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	100337		
51	30.8		21.1	61.1
105	41.7		24.5	64.5

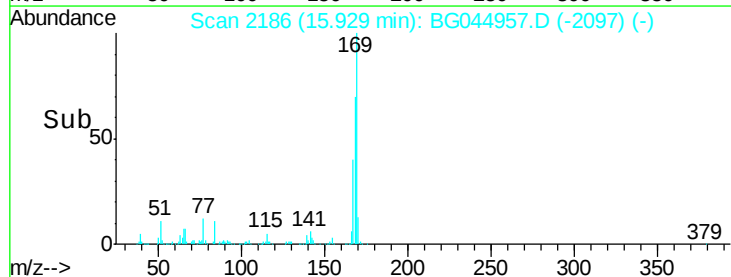
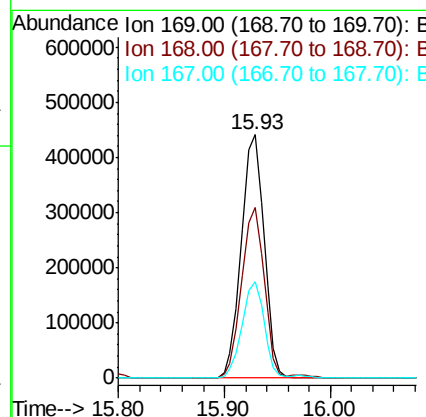
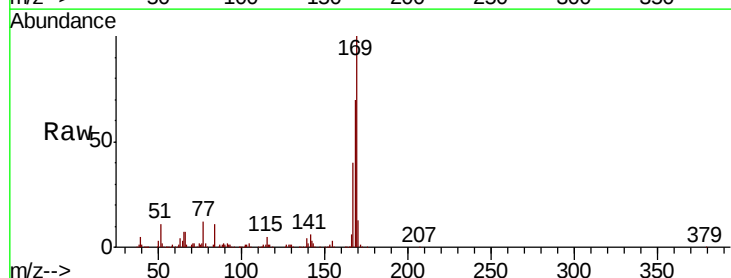
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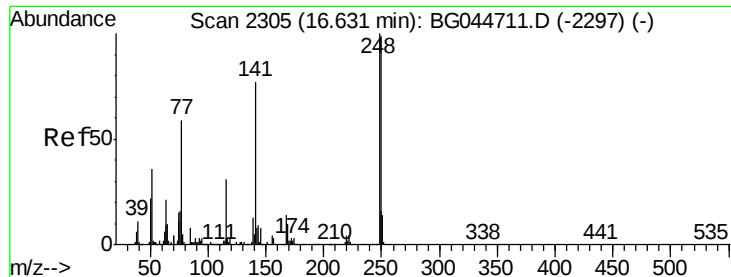
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.931 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	657949		
168	70.0		55.4	83.2
167	39.8		30.1	45.1





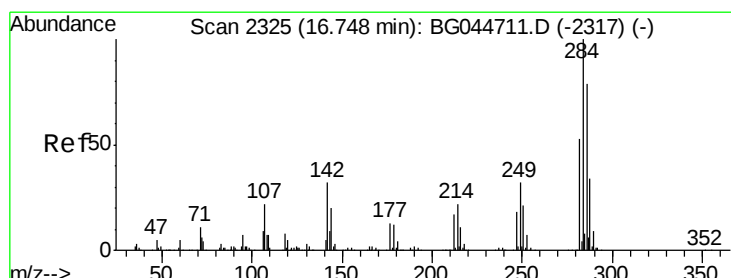
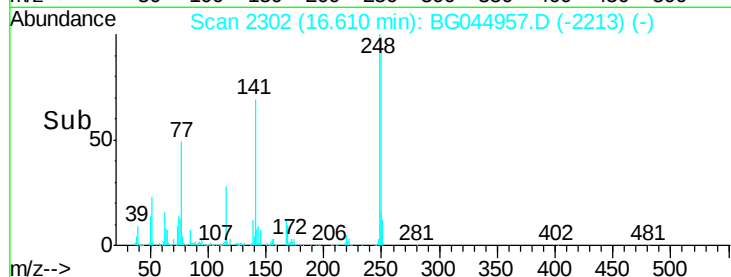
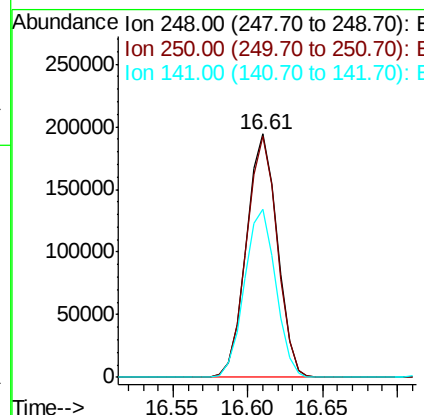
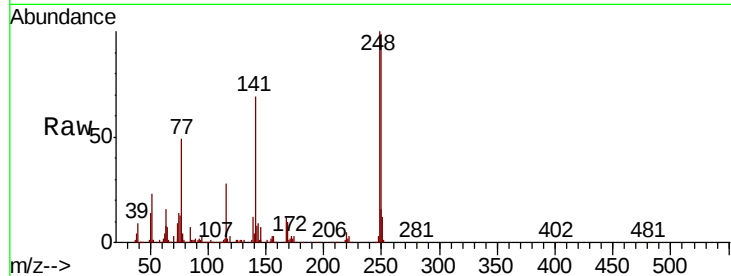
#67
4-Bromophenyl-phenylether
Concen: 42.662 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampled :
PB128064BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.9	116.9
141	69.2	57.5	86.3

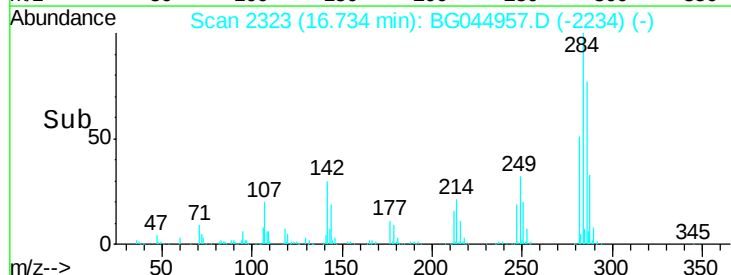
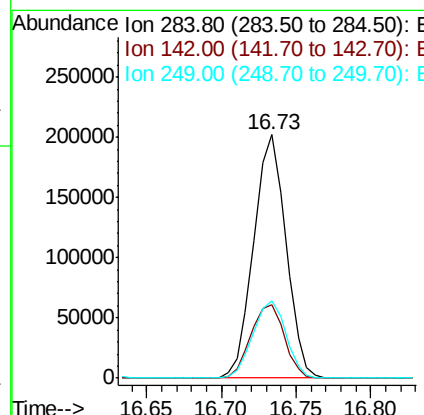
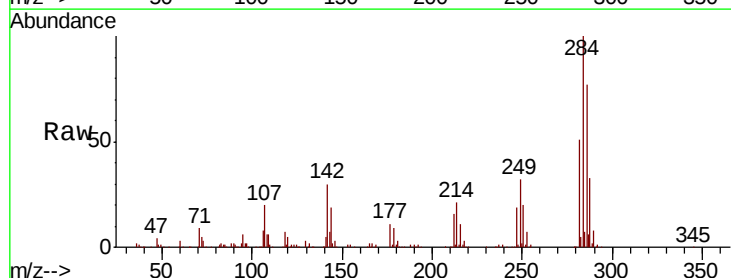
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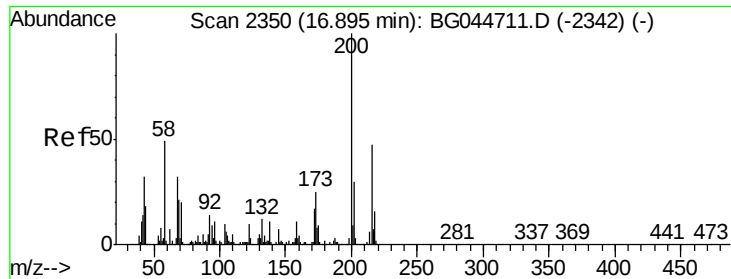
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#68
Hexachlorobenzene
Concen: 42.599 ng
RT: 16.73 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.0	37.6
249	31.6	25.8	38.8





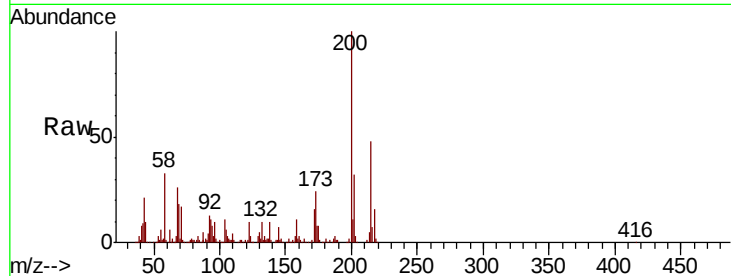
#69
Atrazine
Concen: 47.323 ng
RT: 16.87 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampled :
PB128064BS

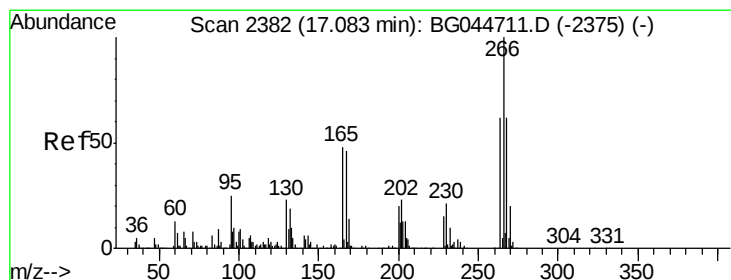
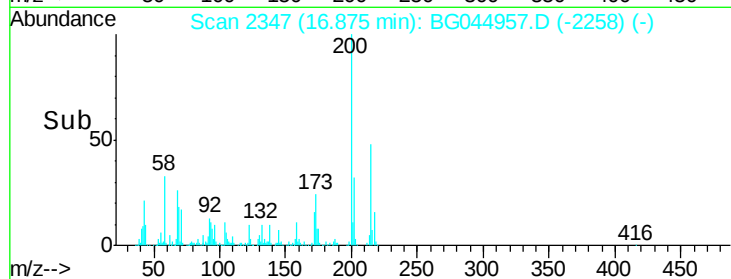
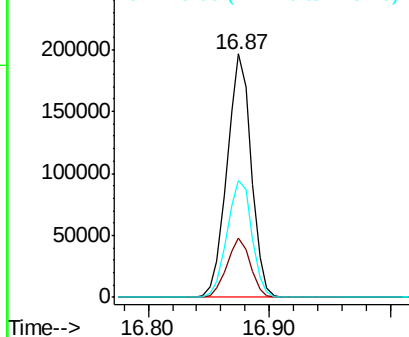
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	5.3	45.3
215	48.2	28.9	68.9

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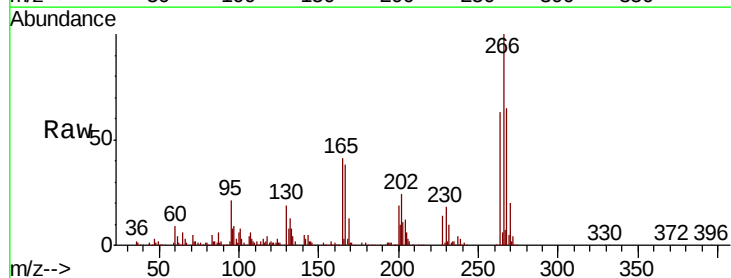


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

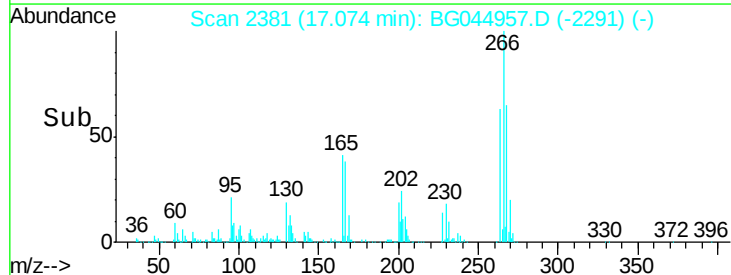
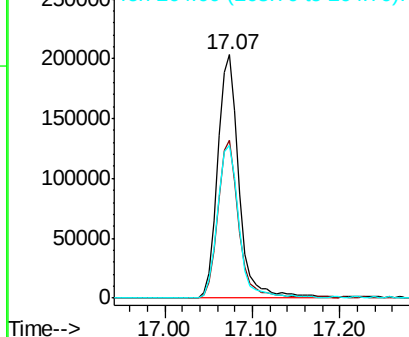


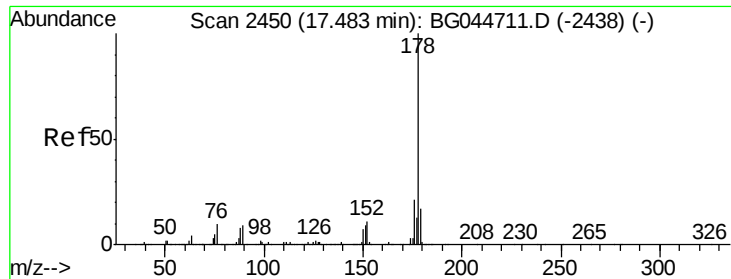
#70
Pentachlorophenol
Concen: 88.905 ng
RT: 17.07 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	50.3	75.5
264	62.6	51.4	77.2



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





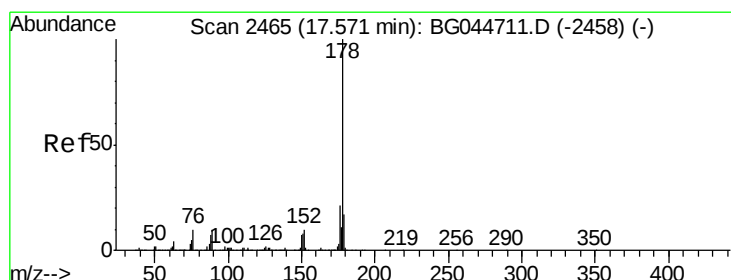
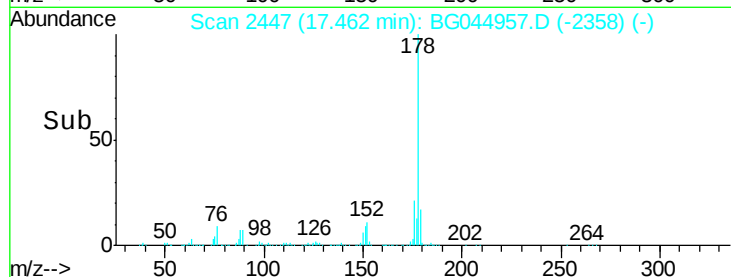
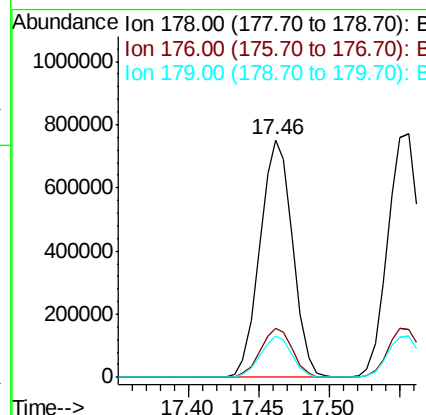
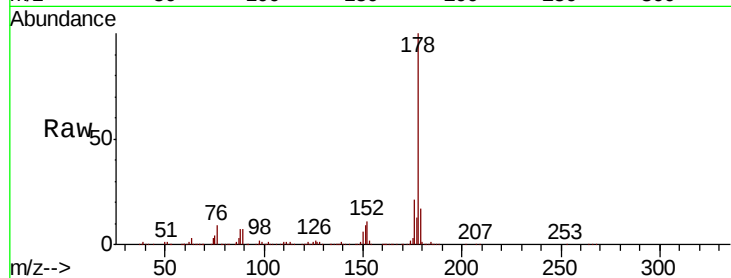
#71
Phenanthrene
Concen: 43.707 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampled :
PB128064BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	17.2	13.5	20.3

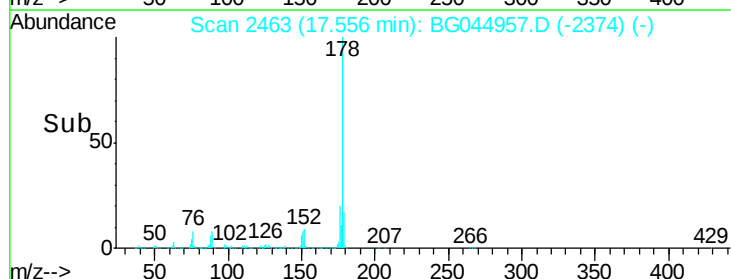
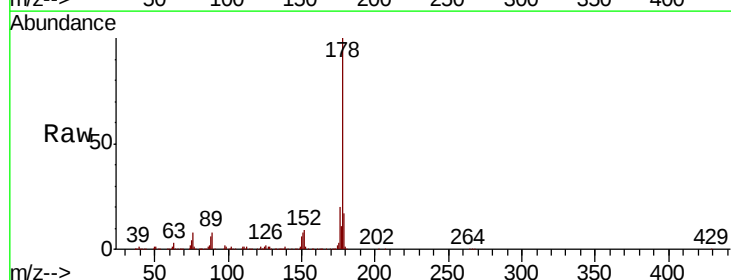
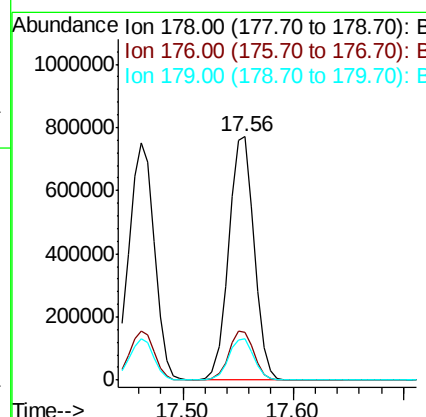
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#72
Anthracene
Concen: 45.240 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.8	13.2	19.8





#73

Carbazole

Concen: 44.721 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB128064BS

Tot Ion:167 Resp: 1179753

Ion Ratio Lower Upper

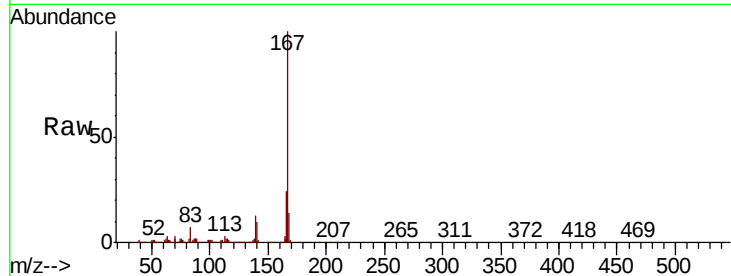
167 100

166 24.2 18.8 28.2

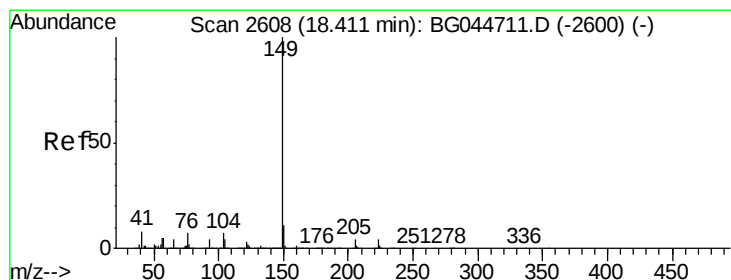
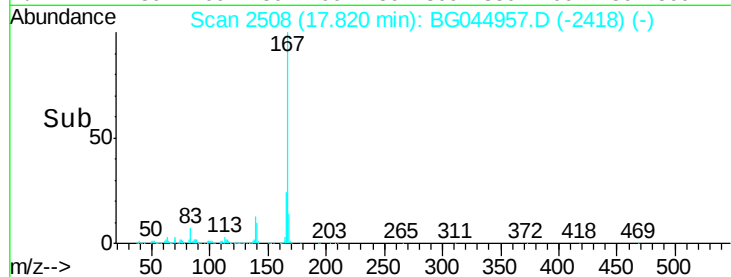
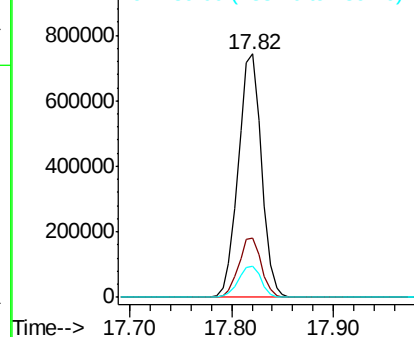
139 13.0 10.8 16.2

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



#74

Di-n-butylphthalate

Concen: 42.623 ng

RT: 18.38 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

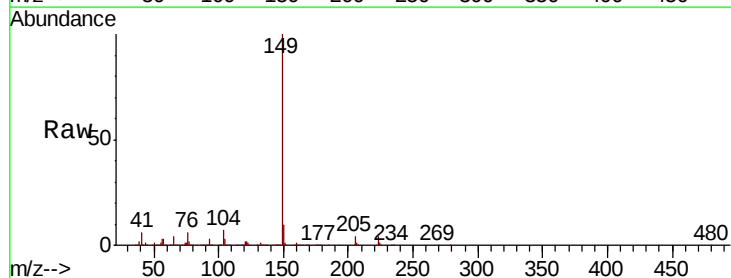
Tgt Ion:149 Resp: 1366817

Ion Ratio Lower Upper

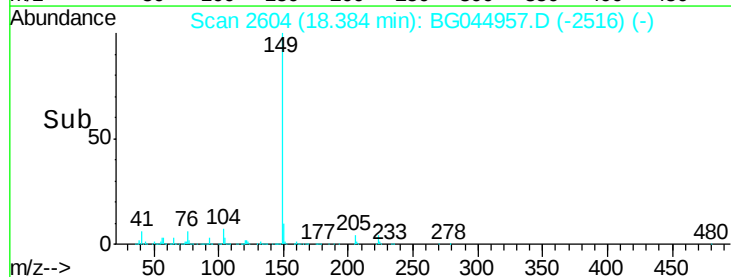
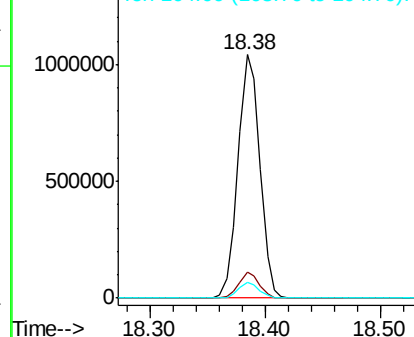
149 100

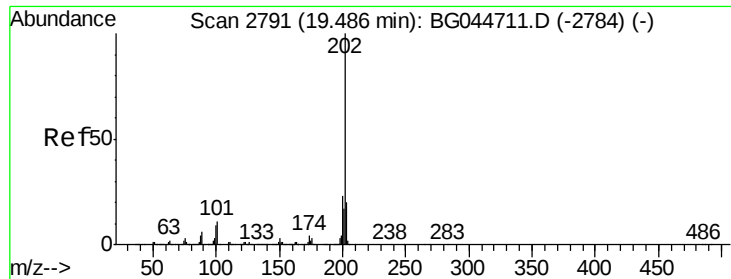
150 10.5 8.1 12.1

104 6.6 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.437 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

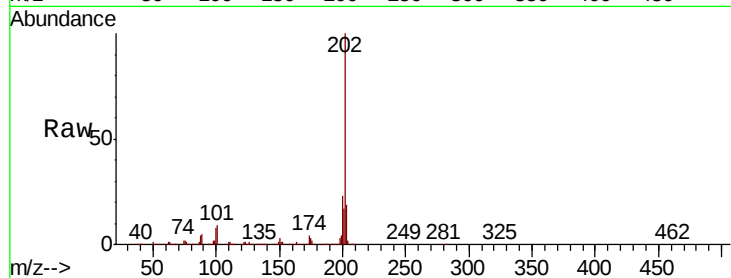
ClientSampleId :

PB128064BS

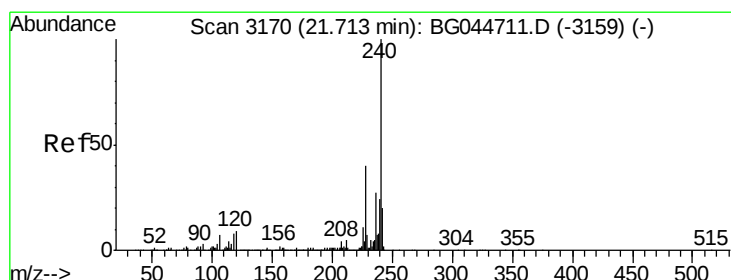
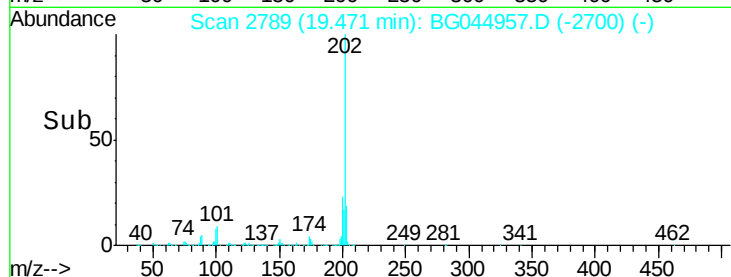
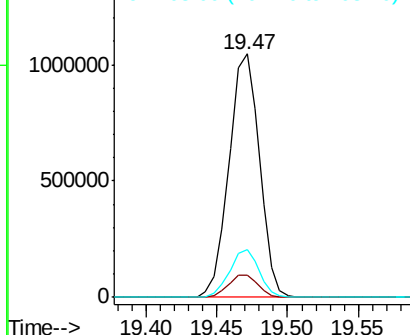
Tot Ion:	202	Resp:	1573093
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.8
203	19.4	0.0	39.4

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



#76

Chrysene-d12

Concen: 20.000 ng

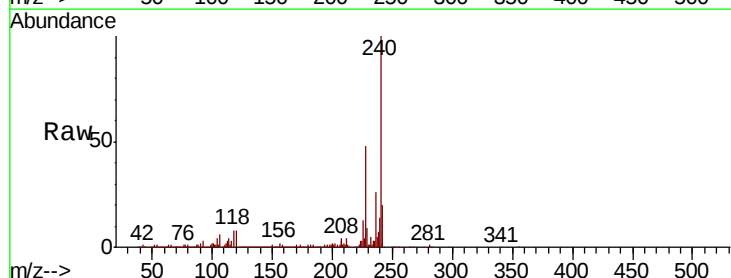
RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

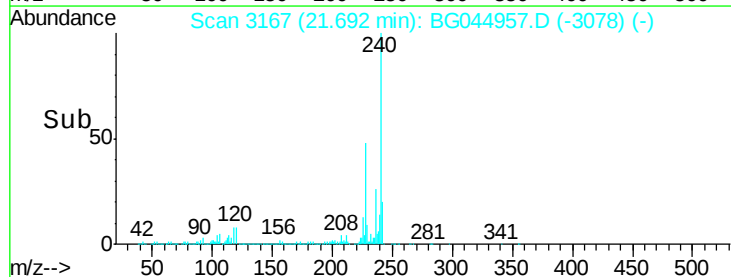
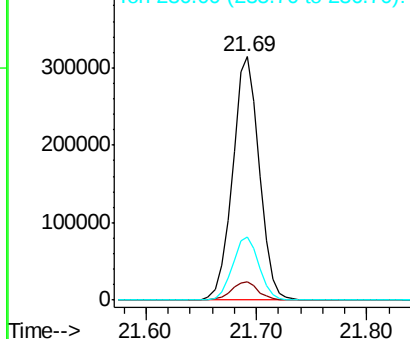
Lab File: BG044957.D

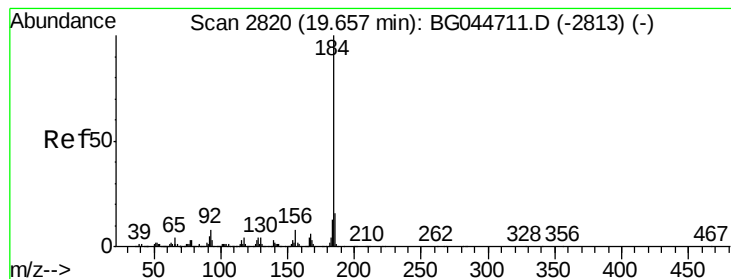
Acq: 7 Apr 2020 16:21

Tgt Ion:	240	Resp:	531039
Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.7	10.1
236	25.8	21.5	32.3



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





#77

Benzidine

Concen: 33.165 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

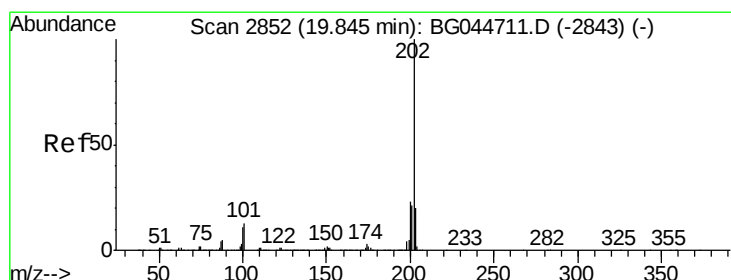
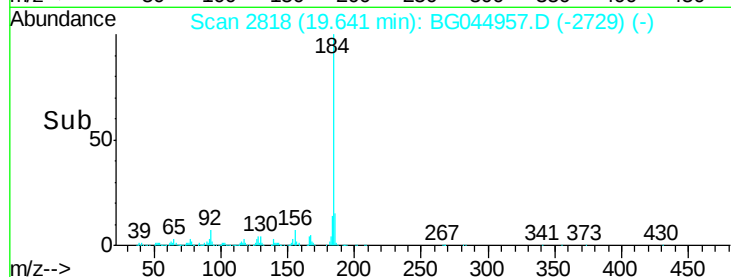
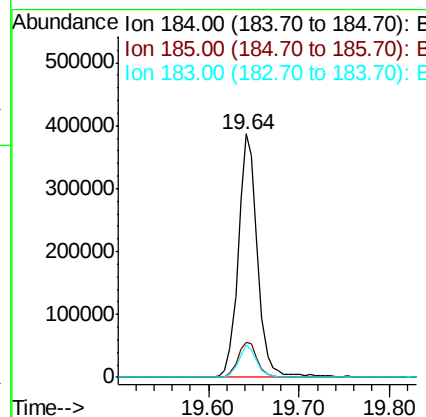
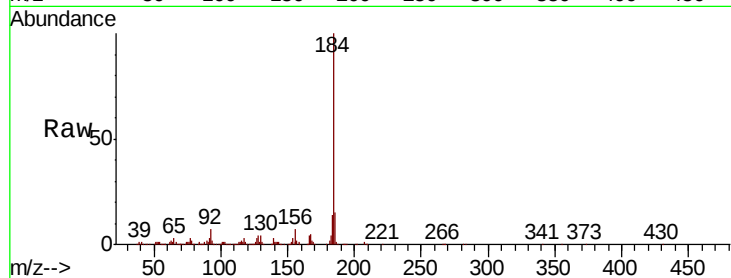
ClientSampleId :

PB128064BS

Tot Ion:	184	Resp:	571747
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	13.6	10.7	16.1

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#78

Pyrene

Concen: 39.819 ng

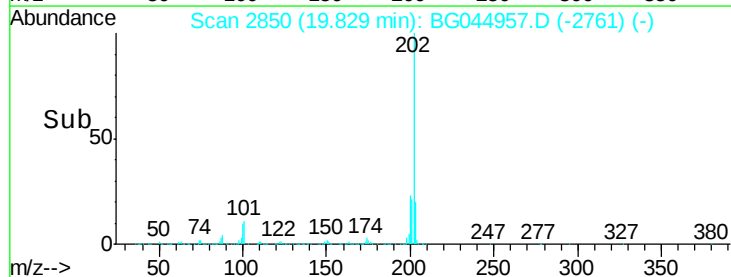
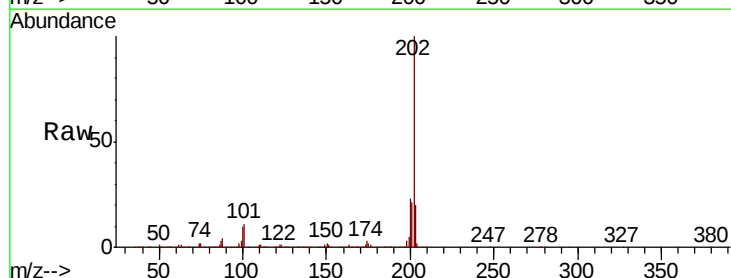
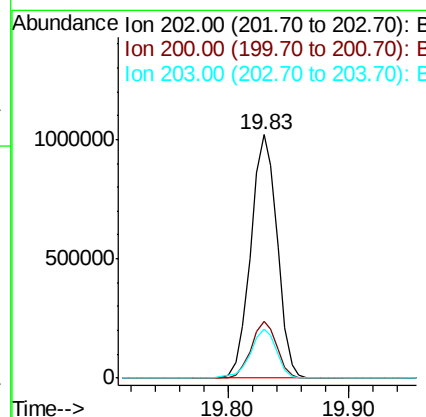
RT: 19.83 min Scan# 2850

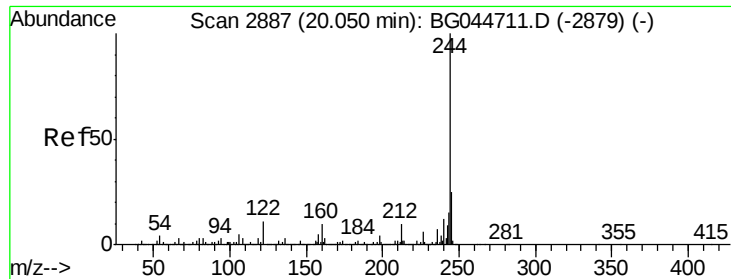
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	202	Resp:	1551380
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.3	27.5
203	20.0	15.6	23.4





#79

Terphenyl-d14

Concen: 79.693 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

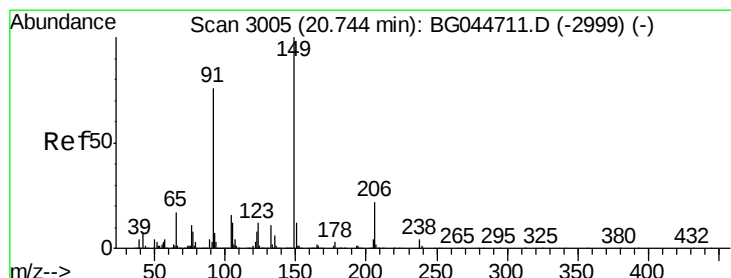
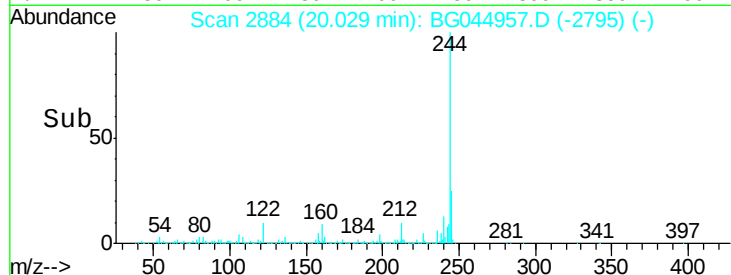
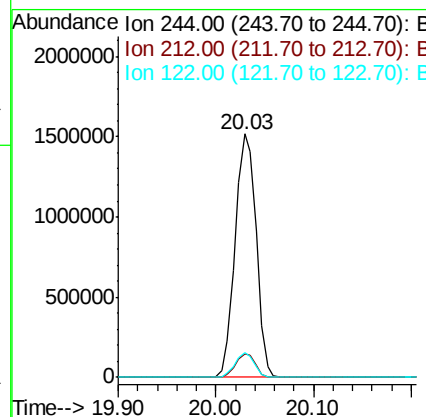
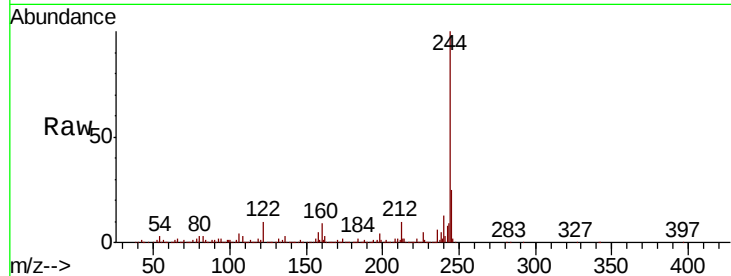
ClientSampleId :

PB128064BS

Tot Ion:	244	Resp:	2262447
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.9	8.6	12.8

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#80

Butylbenzylphthalate

Concen: 35.213 ng

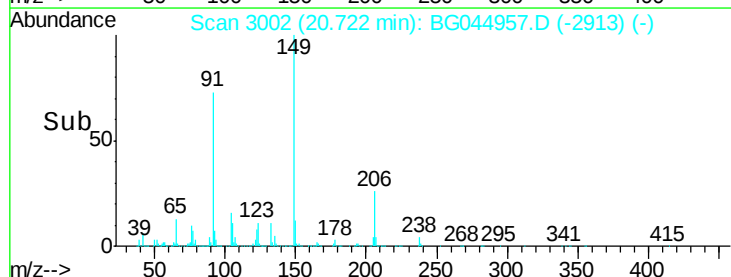
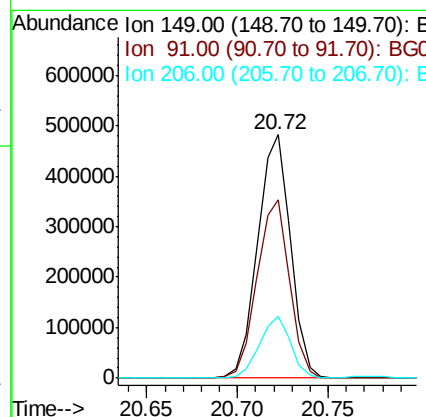
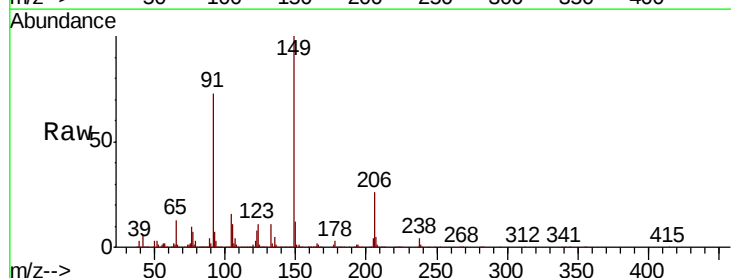
RT: 20.72 min Scan# 3002

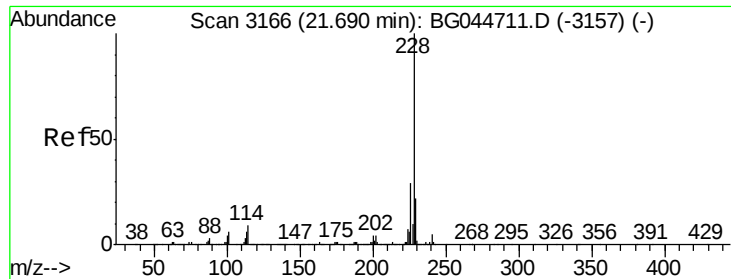
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	149	Resp:	610336
Ion	Ratio	Lower	Upper
149	100		
91	73.5	60.2	90.4
206	25.5	18.6	27.8





#81

Benzo(a)anthracene

Concen: 40.142 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

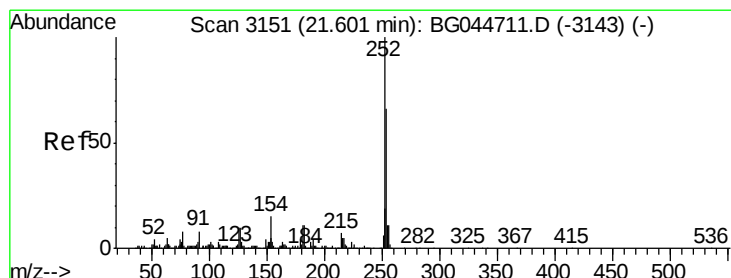
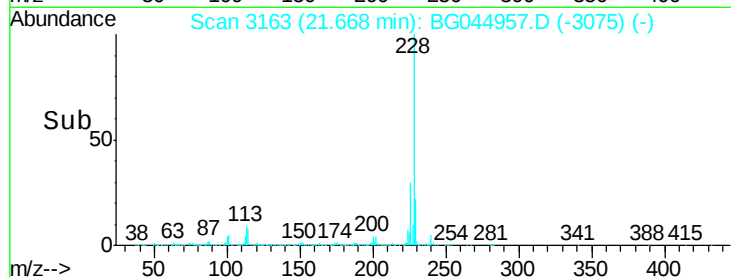
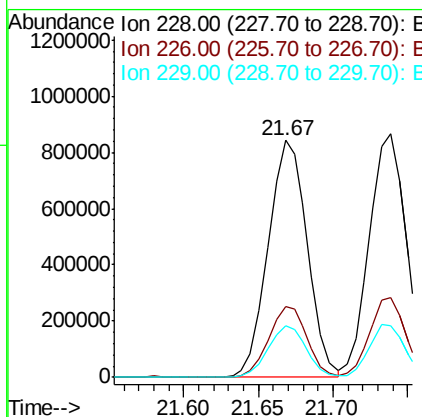
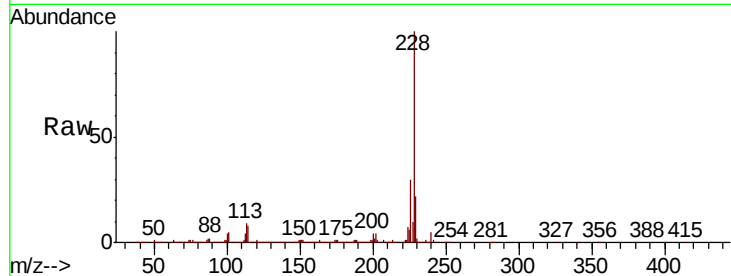
ClientSampleId :

PB128064BS

Tot Ion:	228	Resp:	1534970
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	21.5	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 26.803 ng

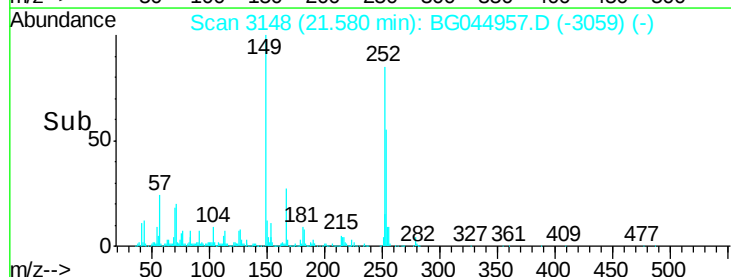
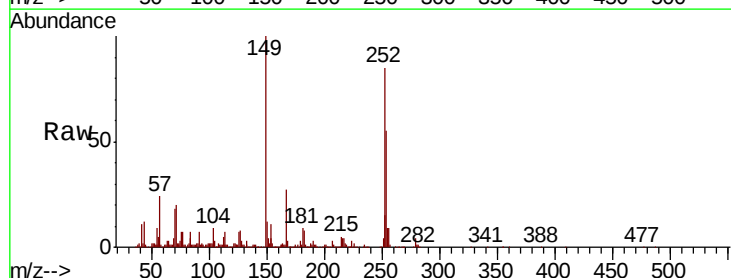
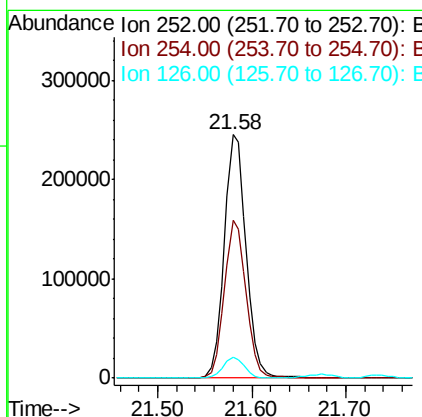
RT: 21.58 min Scan# 3148

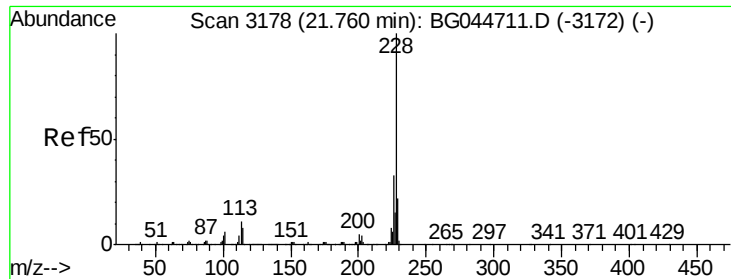
Delta R.T. -0.01 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Tgt Ion:	252	Resp:	396510
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.6	77.4
126	8.7	7.0	10.6





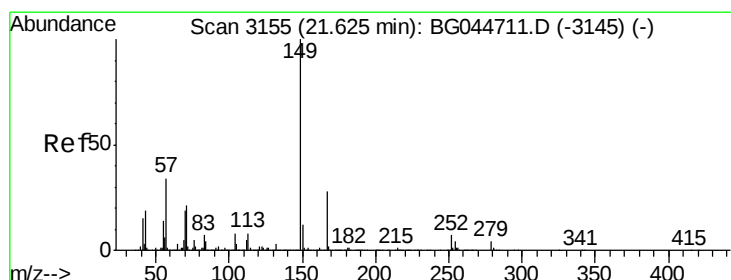
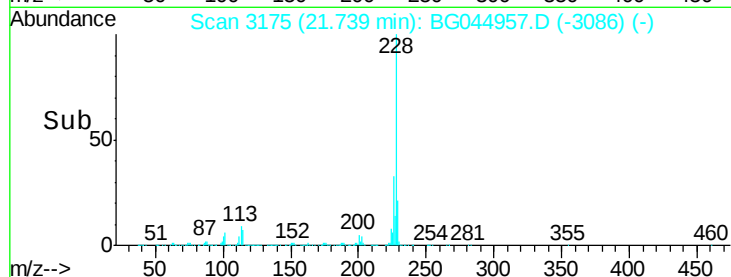
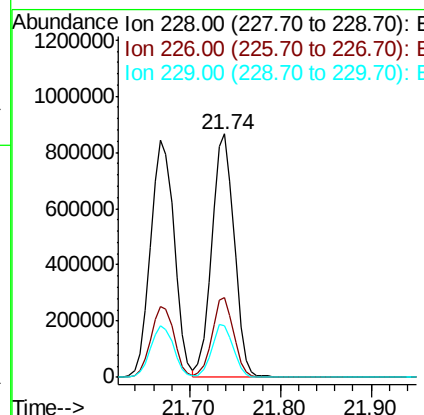
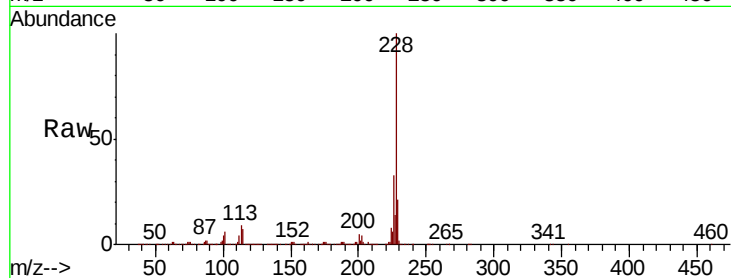
#83
Chrysene
Concen: 40.720 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.9	38.9
229	21.4	17.4	26.0

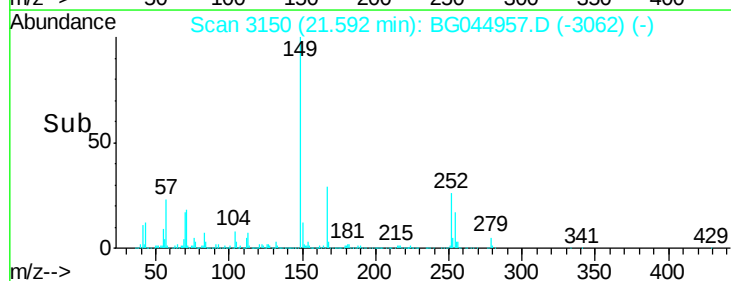
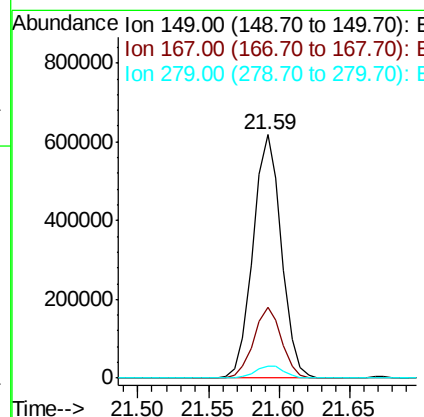
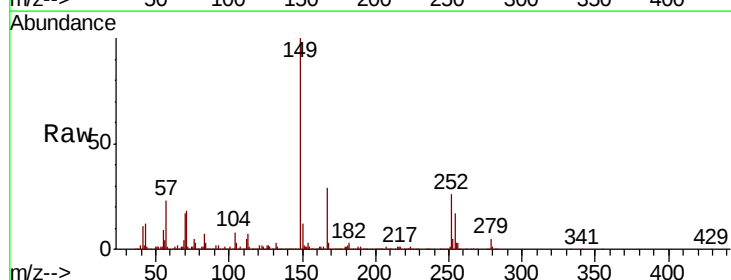
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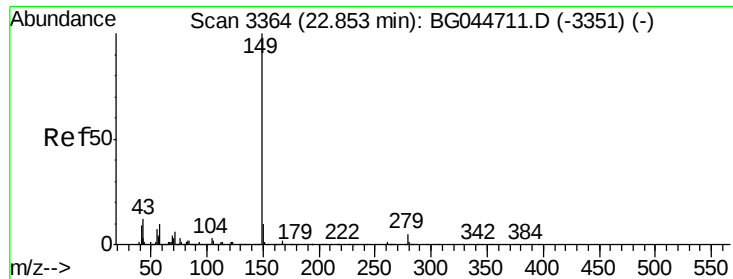
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.505 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.8	32.6
279	5.0	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 37.227 ng

RT: 22.80 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB128064BS

Tot Ion:149 Resp: 1490180

Ion Ratio Lower Upper

149 100

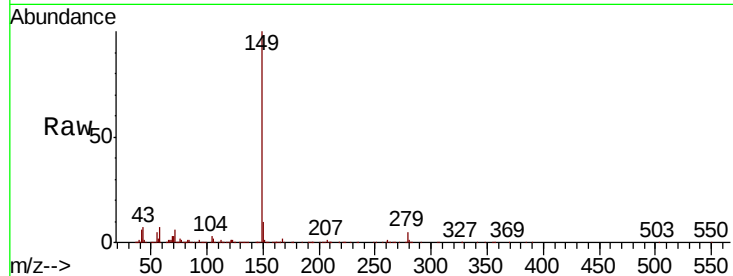
167 1.7 1.4 2.0

43 7.1 8.2 12.4#

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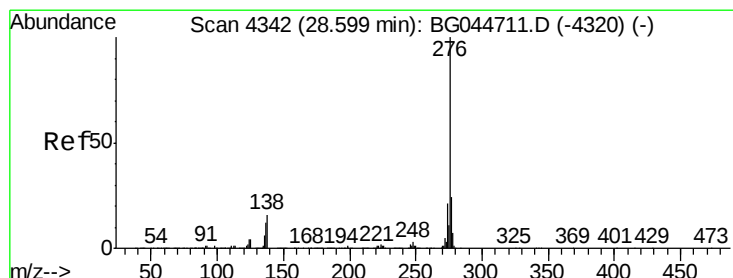
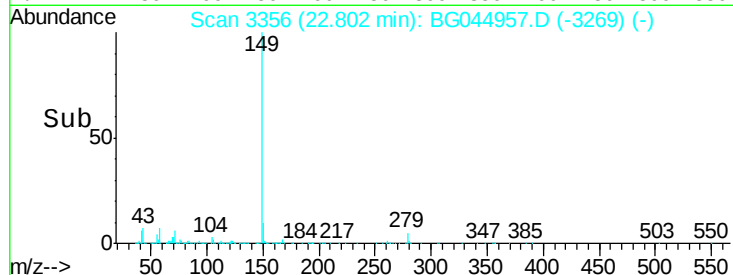
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

22.80

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.609 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

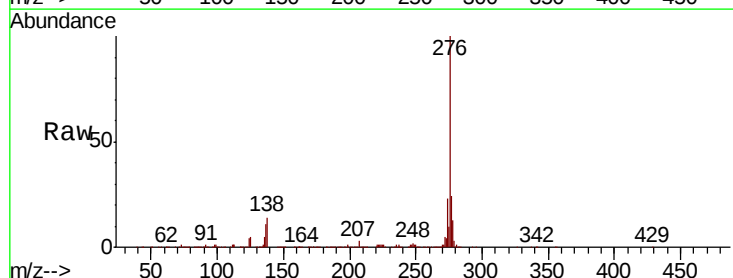
Tgt Ion:276 Resp: 1992528

Ion Ratio Lower Upper

276 100

138 13.9 7.4 11.0#

277 25.8 20.8 31.2



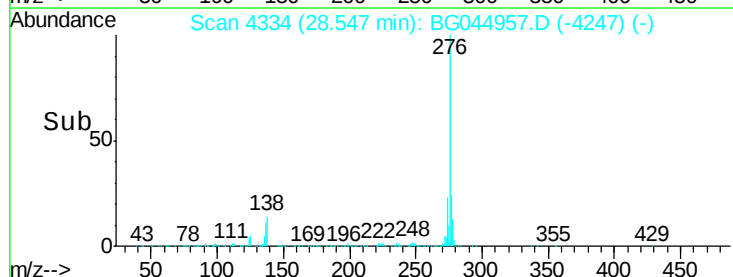
Abundance Ion 276.00 (275.70 to 276.70): E

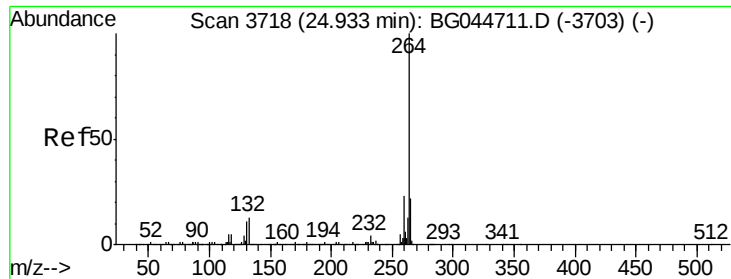
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.55

Time-->





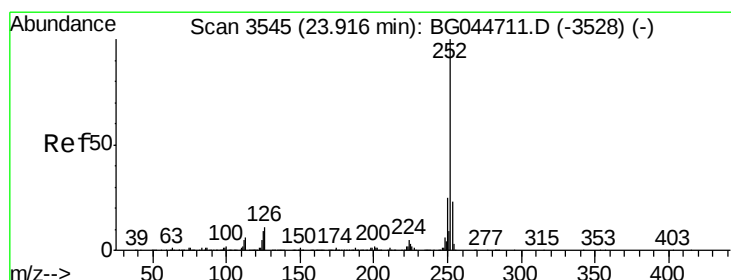
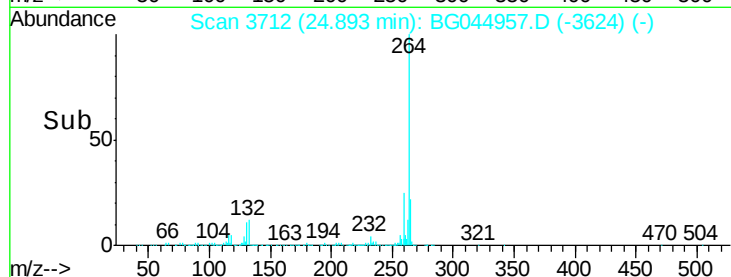
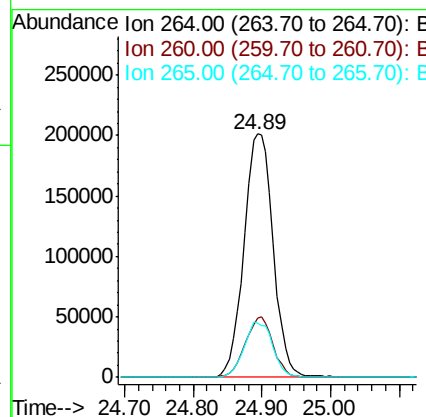
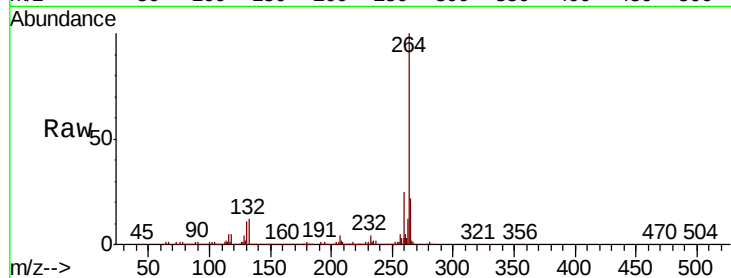
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.1	27.1
265	22.0	17.1	25.7

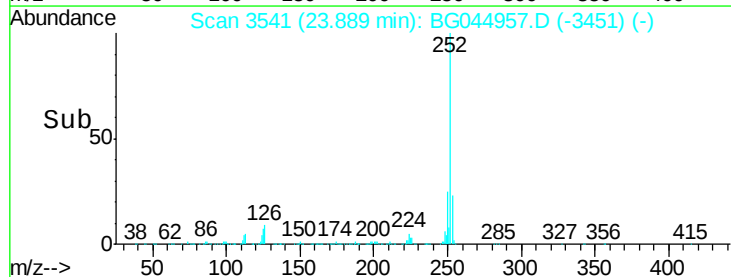
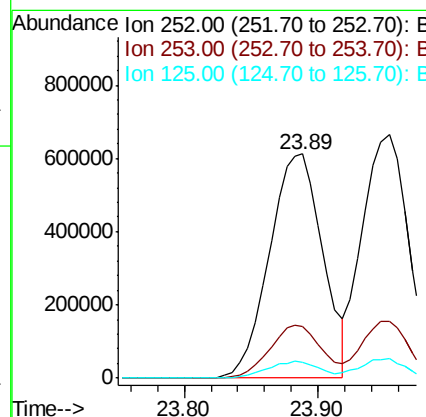
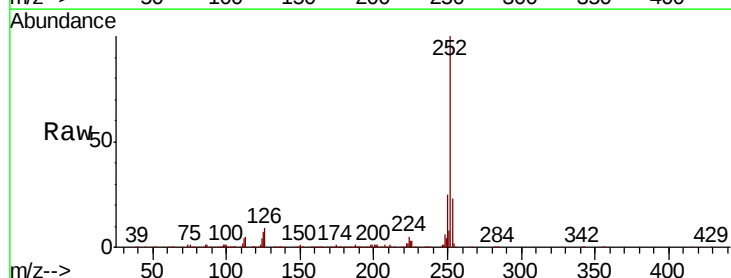
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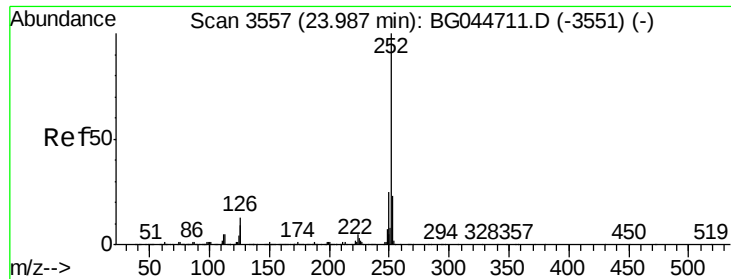
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.202 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	7.1	6.6	9.8





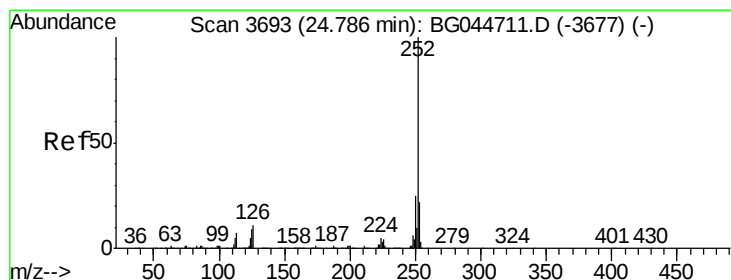
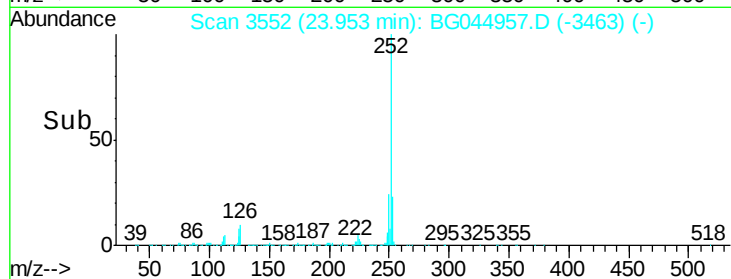
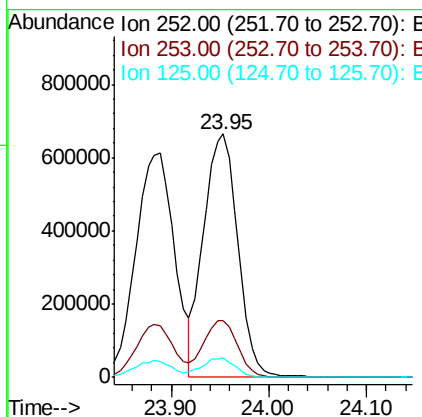
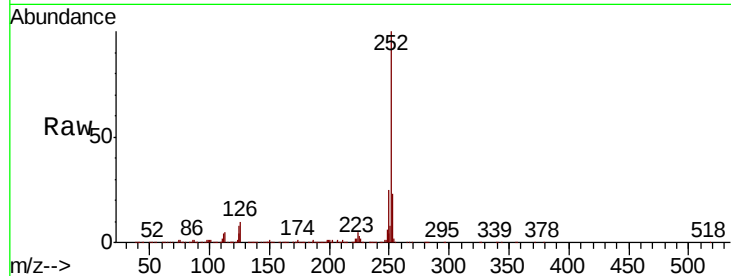
#89
Benzo(k)fluoranthene
Concen: 43.339 ng
RT: 23.95 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Instrument :
BNA_G
ClientSampleId :
PB128064BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	8.1	6.2	9.2

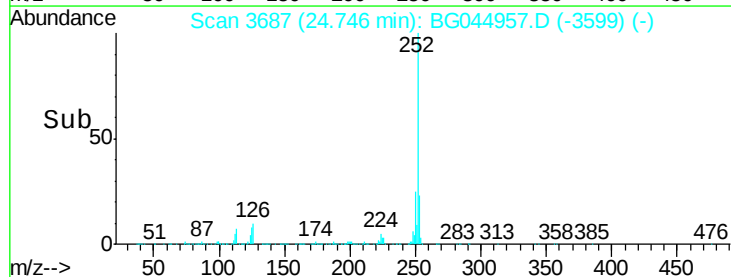
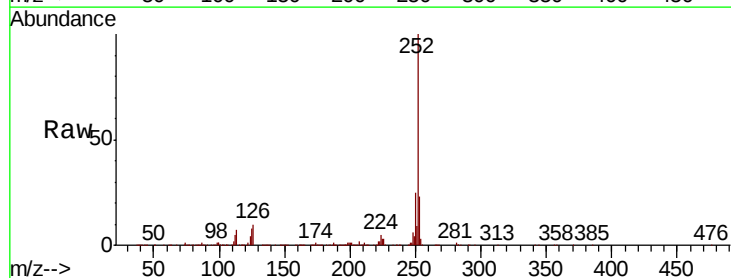
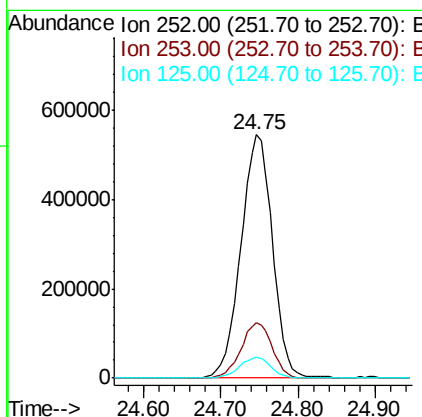
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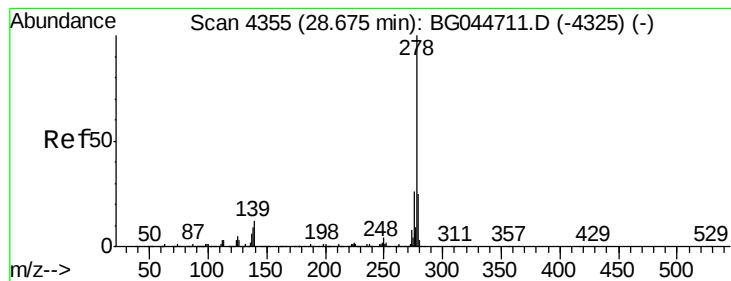
mohammad
4/8/2020 8:14:05 AM



#90
Benzo(a)pyrene
Concen: 42.492 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.02 min
Lab File: BG044957.D
Acq: 7 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	8.4	7.2	10.8





#91

Dibenzo(a,h)anthracene

Concen: 44.330 ng

RT: 28.61 min Scan# 4345

Delta R.T. -0.03 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

Instrument :

BNA_G

ClientSampleId :

PB128064BS

Tot Ion:278 Resp: 1603559

Ion Ratio Lower Upper

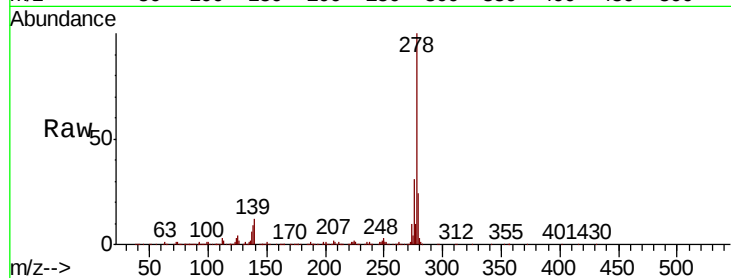
278 100

139 11.8 10.2 15.2

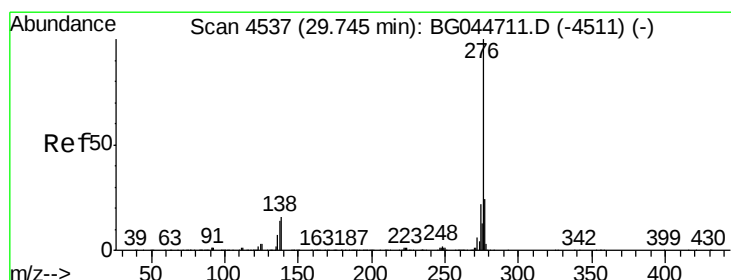
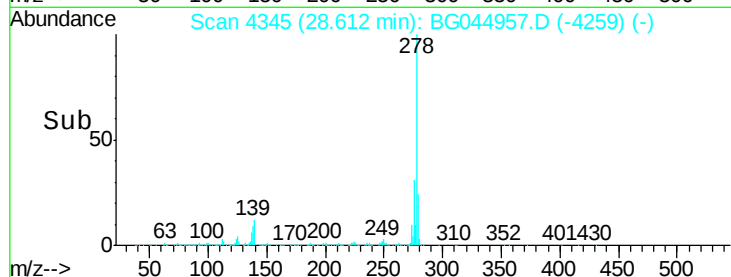
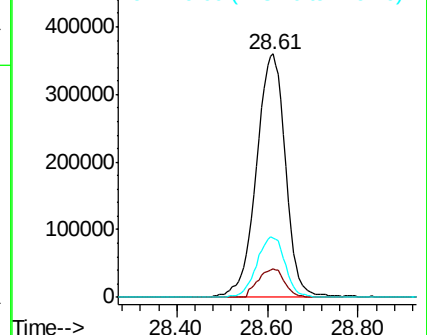
279 24.2 18.9 28.3

Manual Integrations
APPROVED

mohammad
4/8/2020 8:14:05 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.822 ng

RT: 29.69 min Scan# 4528

Delta R.T. -0.02 min

Lab File: BG044957.D

Acq: 7 Apr 2020 16:21

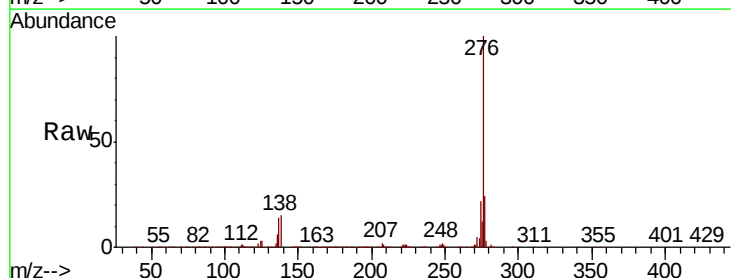
Tgt Ion:276 Resp: 1638091

Ion Ratio Lower Upper

276 100

277 23.6 20.1 30.1

138 14.6 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

