

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045177.D
 Acq On : 27 Apr 2020 13:56
 Operator : CG/JU
 Sample : PB128472BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Manual Integrations
 APPROVED

mohammad
 4/28/2020 11:08:00 PM

Quant Time: Apr 27 14:34:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	56127	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235661	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	182679	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	461766	20.00	ng	0.00
76) Chrysene-d12	21.65	240	417363	20.00	ng	0.00
87) Perylene-d12	24.82	264	457889	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	448031	131.79	ng	0.00
7) Phenol-d6	7.16	99	647558	128.20	ng	0.00
23) Nitrobenzene-d5	9.15	82	407698	78.94	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	363349	128.75	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1041953	83.63	ng	0.00
79) Terphenyl-d14	19.99	244	1869365	97.62	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	57520	38.071	ng	98
3) Pyridine	3.85	79	151872	32.647	ng	92
4) n-Nitrosodimethylamine	3.76	42	61408	43.091	ng	94
6) Aniline	7.31	93	209278	31.866	ng	97
8) 2-Chlorophenol	7.56	128	171931	47.056	ng	96
9) Benzaldehyde	7.12	77	80469	24.714	ng	97
10) Phenol	7.19	94	232849	46.067	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	158746	39.447	ng	97
12) 1,3-Dichlorobenzene	7.88	146	186591	43.338	ng	98
13) 1,4-Dichlorobenzene	8.03	146	185070	43.139	ng	96
14) 1,2-Dichlorobenzene	8.35	146	174303	42.468	ng	93
15) Benzyl Alcohol	8.23	79	175570	41.458	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	152116	38.507	ng	95
17) 2-Methylphenol	8.44	107	161501	41.413	ng	93
18) Hexachloroethane	9.08	117	71239	44.171	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	145853	40.831	ng	95
20) 3+4-Methylphenols	8.77	107	226871	41.562	ng	98
22) Acetophenone	8.81	105	269653	42.313	ng	# 98
24) Nitrobenzene	9.19	77	221509	41.841	ng	95
25) Isophorone	9.72	82	438225	41.433	ng	99
26) 2-Nitrophenol	9.91	139	100345	44.003	ng	98
27) 2,4-Dimethylphenol	9.97	122	165304	45.685	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	234768	42.246	ng	99
29) 2,4-Dichlorophenol	10.45	162	194606	46.578	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	202919	42.897	ng	98
31) Naphthalene	10.85	128	555210	43.067	ng	98
32) Benzoic acid	10.11	122	89984	33.070	ng	96
33) 4-Chloroaniline	10.95	127	125021	20.794	ng	98
34) Hexachlorobutadiene	11.15	225	139513	43.016	ng	97
35) Caprolactam	11.72	113	75636m	45.486	ng	
36) 4-Chloro-3-methylphenol	12.09	107	234355	47.748	ng	99
37) 2-Methylnaphthalene	12.46	142	441599	44.132	ng	95
38) 1-Methylnaphthalene	12.68	142	425721	45.067	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	244950	41.646	ng	98

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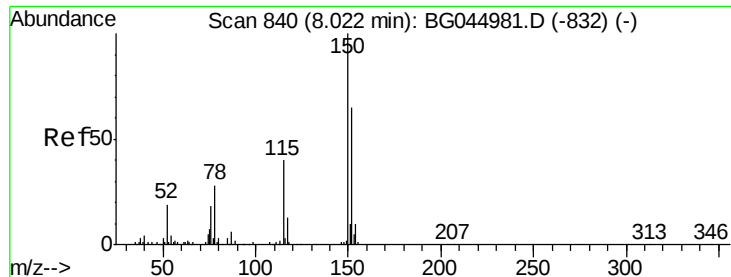
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	352240	95.816	nq	97
43) 2,4,6-Trichlorophenol	13.07	196	185563	44.702	nq	94
44) 2,4,5-Trichlorophenol	13.14	196	199845	42.294	nq	99
46) 1,1'-Biphenyl	13.47	154	577017	41.557	nq	100
47) 2-Chloronaphthalene	13.51	162	453903	42.783	nq	99
48) 2-Nitroaniline	13.71	65	151835	43.497	nq	97
49) Acenaphthylene	14.35	152	764975	44.266	nq	99
50) Dimethylphthalate	14.09	163	662048	44.509	nq	100
51) 2,6-Dinitrotoluene	14.20	165	149039	44.797	nq	97
52) Acenaphthene	14.70	154	577719m	49.410	nq	
53) 3-Nitroaniline	14.53	138	96440	26.430	nq	100
54) 2,4-Dinitrophenol	14.74	184	186378	94.209	nq	94
55) Dibenzofuran	15.04	168	756165	44.358	nq	97
56) 4-Nitrophenol	14.85	139	235769	83.332	nq	97
57) 2,4-Dinitrotoluene	14.99	165	213834	43.980	nq	97
58) Fluorene	15.68	166	635030	45.607	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	205651	48.914	nq	98
60) Diethylphthalate	15.45	149	690718	44.539	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	351410	43.847	nq	97
62) 4-Nitroaniline	15.70	138	148664	39.280	nq	96
63) Azobenzene	15.97	77	646204	45.195	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	141188	46.517	nq	97
66) n-Nitrosodiphenylamine	15.89	169	574972	43.337	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	246529	41.384	nq	94
68) Hexachlorobenzene	16.69	284	268592	43.474	nq	98
69) Atrazine	16.84	200	244467	51.175	nq	98
70) Pentachlorophenol	17.04	266	319984	84.425	nq	99
71) Phenanthrene	17.43	178	1053232	44.386	nq	99
72) Anthracene	17.52	178	1076497	45.226	nq	100
73) Carbazole	17.79	167	990107	40.990	nq	98
74) Di-n-butylphthalate	18.35	149	1214900	46.393	nq	99
75) Fluoranthene	19.44	202	1308327	47.213	nq	99
77) Benzidine	19.61	184	626831	52.899	nq	98
78) Pyrene	19.79	202	1293711	44.962	nq	99
80) Butylbenzylphthalate	20.68	149	523993	43.934	nq	98
81) Benzo(a)anthracene	21.63	228	1197073	44.252	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	314555	29.215	nq	98
83) Chrysene	21.69	228	1165847	44.856	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	729648	44.481	nq	99
85) Di-n-octyl phthalate	22.75	149	1241109	43.754	nq	100
86) Indeno(1,2,3-cd)pyrene	28.44	276	1522957	44.133	nq	# 96
88) Benzo(b)fluoranthene	23.82	252	1318892	45.983	nq	100
89) Benzo(k)fluoranthene	23.89	252	1225589	44.932	nq	97
90) Benzo(a)pyrene	24.68	252	1191348	43.993	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1228625	45.026	nq	95
92) Benzo(g,h,i)perylene	29.56	276	1240649	45.350	nq	97

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



#1

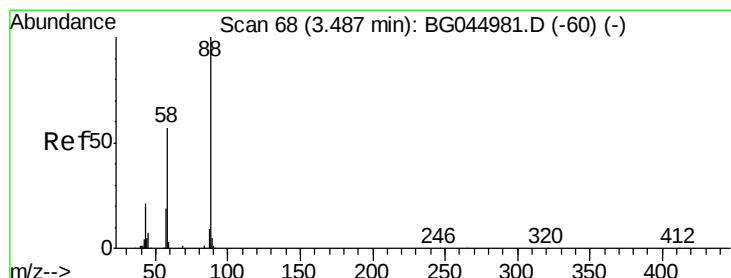
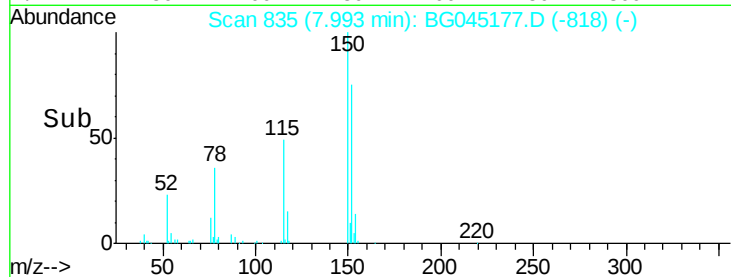
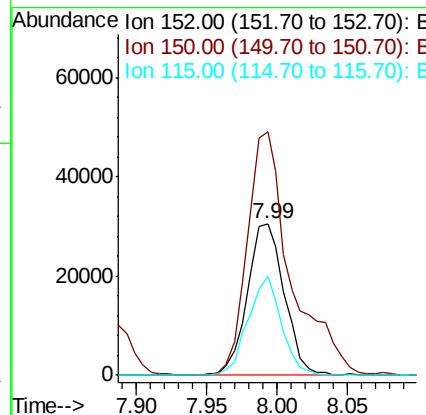
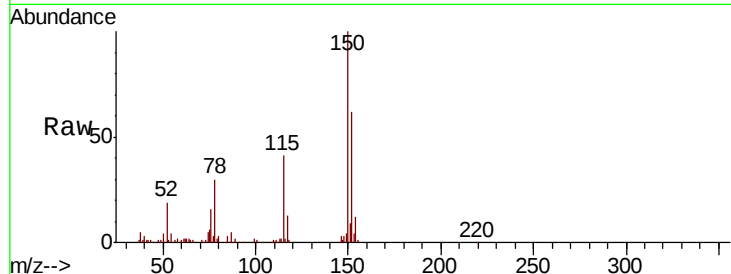
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.6	185.4
115	65.3	49.1	73.7

Manual Integrations
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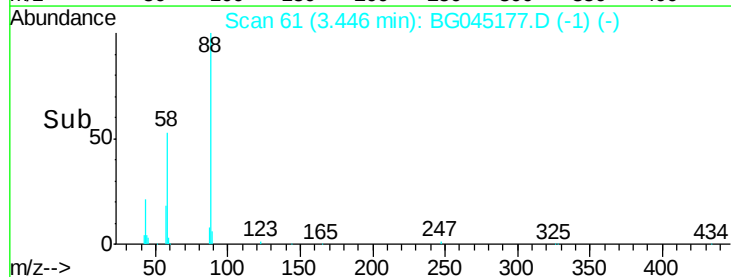
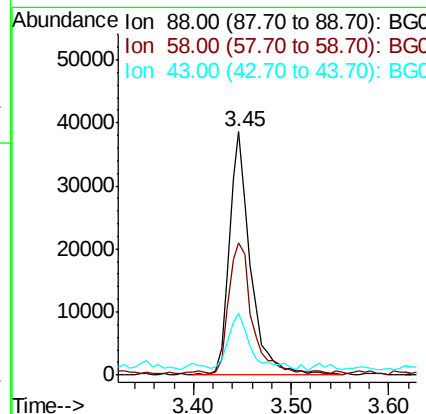
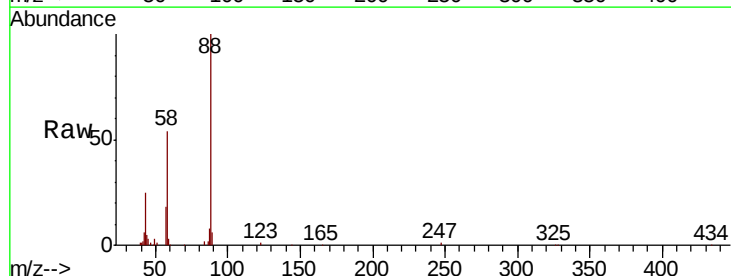
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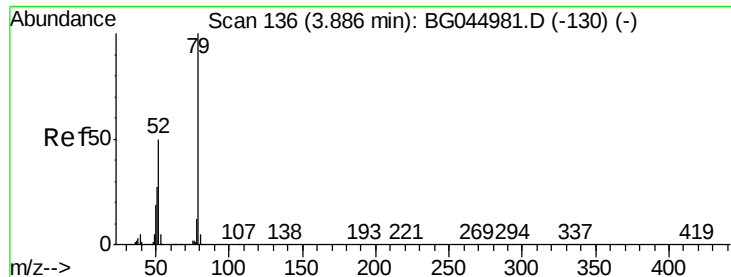


#2

1,4-Dioxane
Concen: 38.071 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	46.6	69.8
43	23.7	17.5	26.3





#3

Pvridine

Concen: 32.647 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

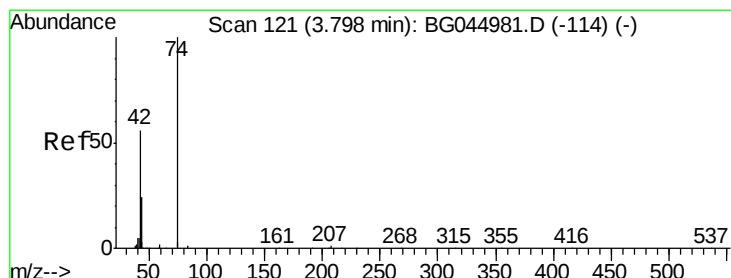
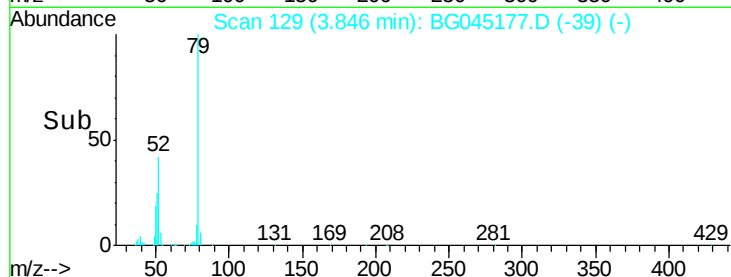
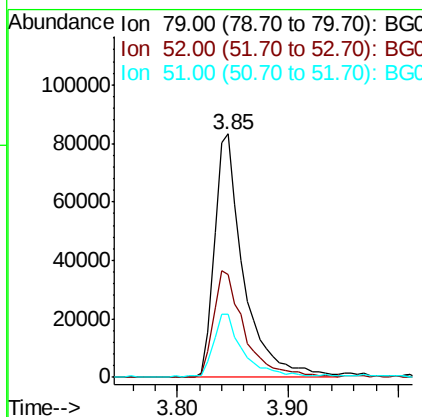
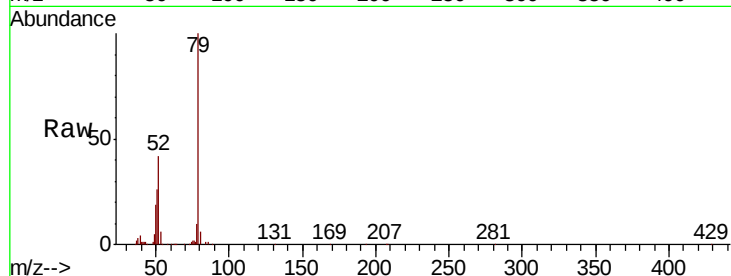
ClientSampleId :

PB128472BS

Tot Ion	79	Resp	151872
Ion	Ratio	Lower	Upper
79	100		
52	42.3	39.8	59.6
51	25.8	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 43.091 ng

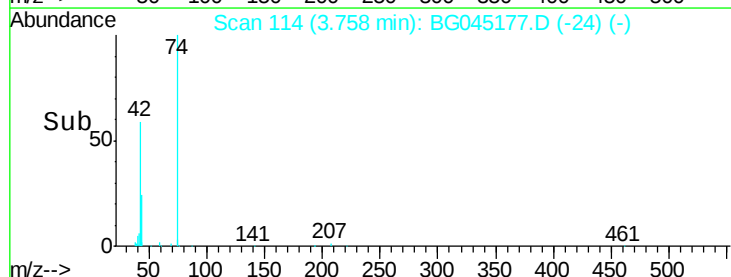
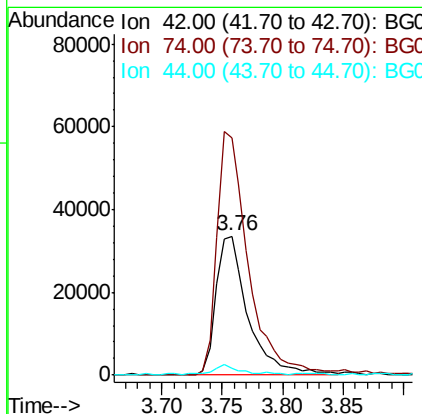
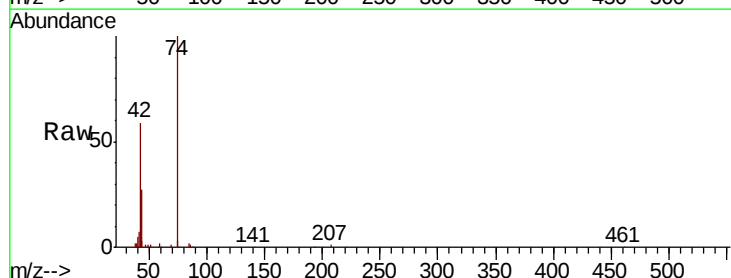
RT: 3.76 min Scan# 114

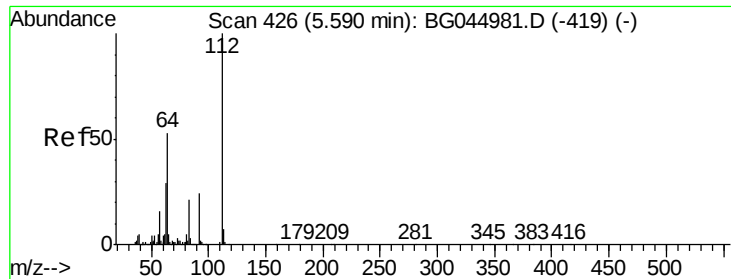
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion	42	Resp	61408
Ion	Ratio	Lower	Upper
42	100		
74	170.7	143.0	214.6
44	5.0	4.6	6.8





#5

2-Fluorophenol

Concen: 131.786 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

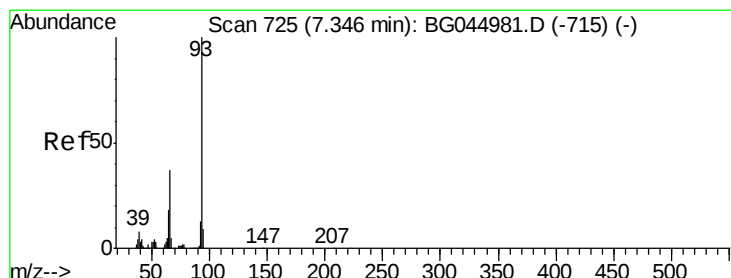
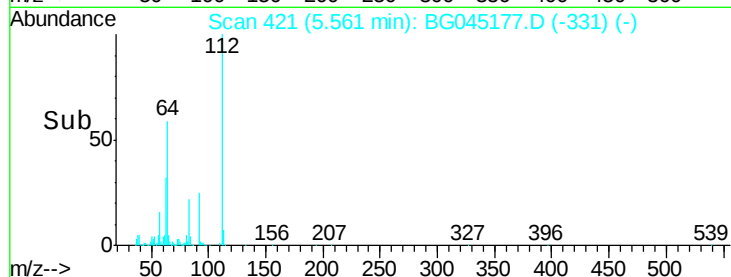
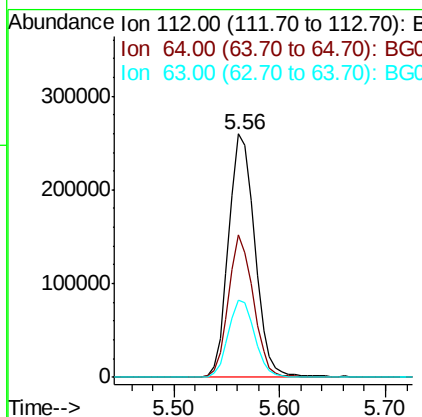
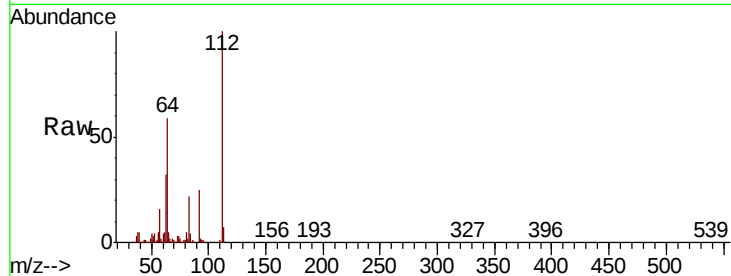
ClientSampleId :

PB128472BS

Tot Ion:	112	Resp:	448031
Ion Ratio	Lower	Upper	
112	100		
64	58.6	42.4	63.6
63	31.9	23.1	34.7

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#6

Aniline

Concen: 31.866 ng

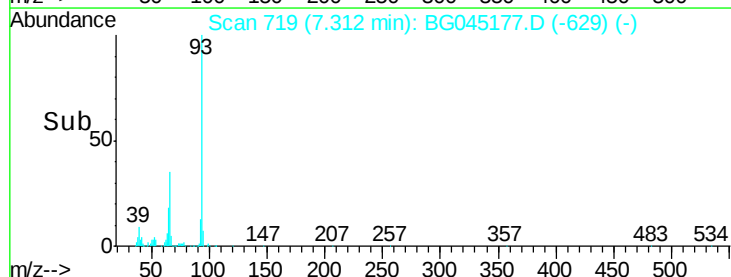
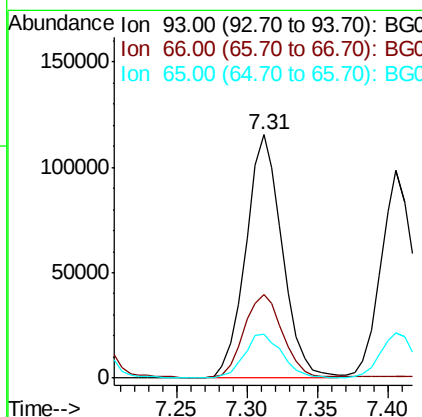
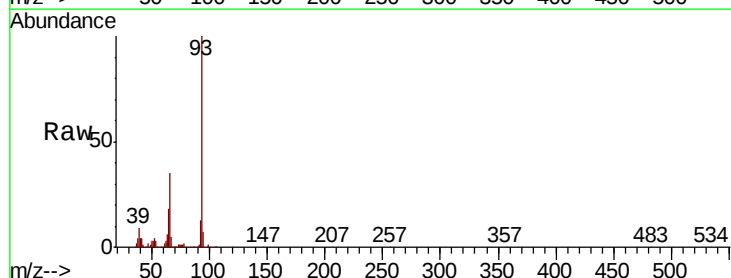
RT: 7.31 min Scan# 719

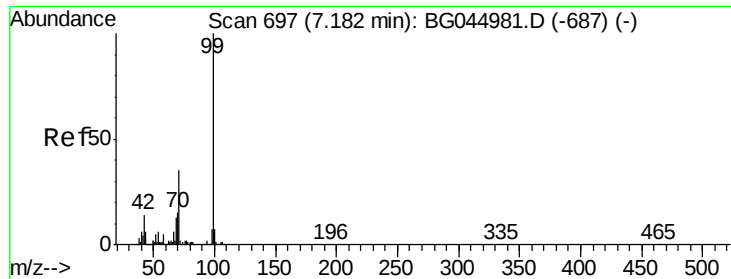
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	93	Resp:	209278
Ion Ratio	Lower	Upper	
93	100		
66	34.5	29.8	44.8
65	17.8	14.6	22.0





#7

Phenol-d6

Concen: 128.202 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

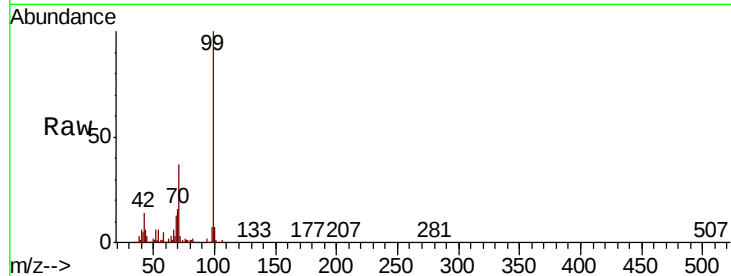
ClientSampleId :

PB128472BS

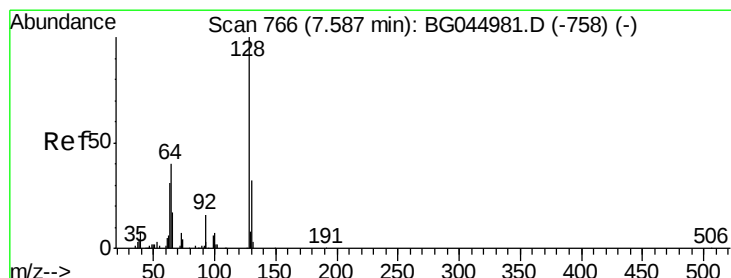
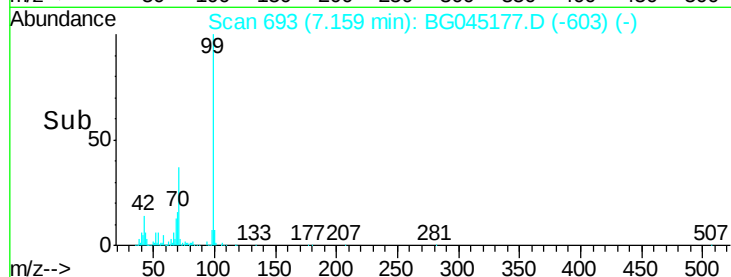
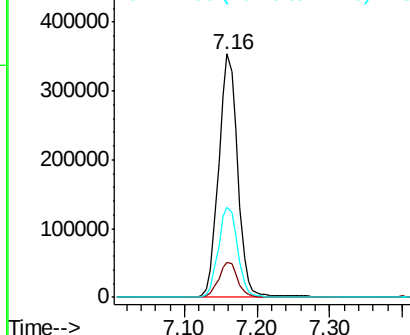
Tot Ion:	99	Resp:	647558
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	36.7	28.3	42.5

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.056 ng

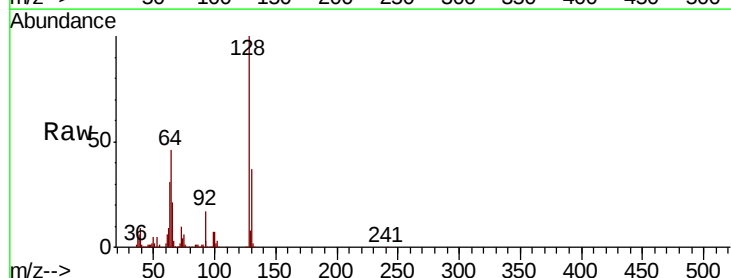
RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

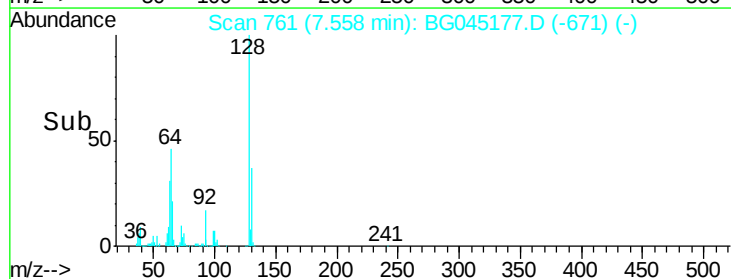
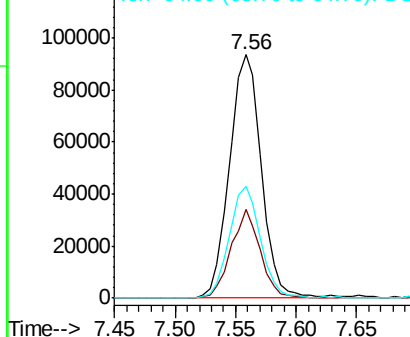
Lab File: BG045177.D

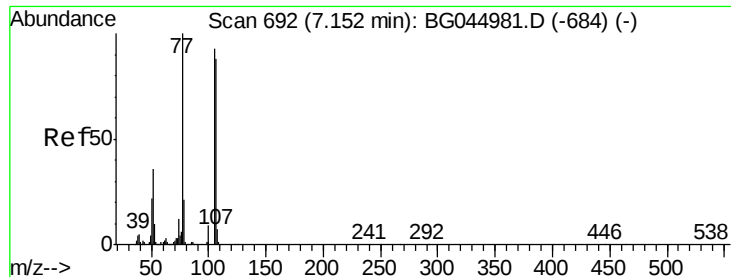
Acq: 27 Apr 2020 13:56

Tgt Ion:	128	Resp:	171931
Ion Ratio	Lower	Upper	
128	100		
130	36.5	12.3	52.3
64	45.8	24.4	64.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.714 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

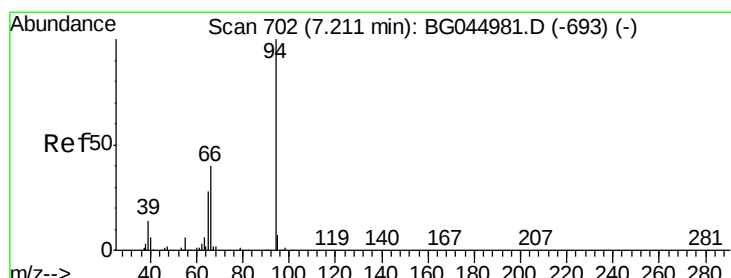
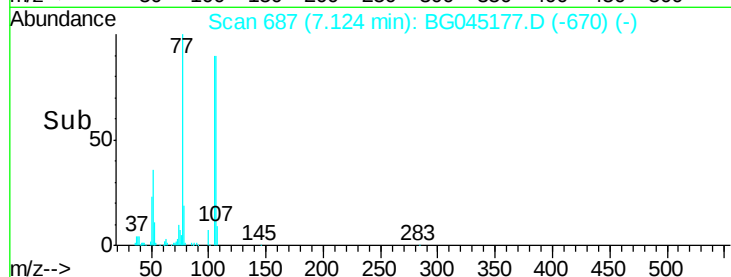
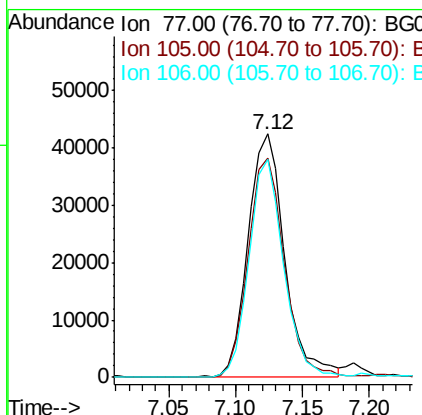
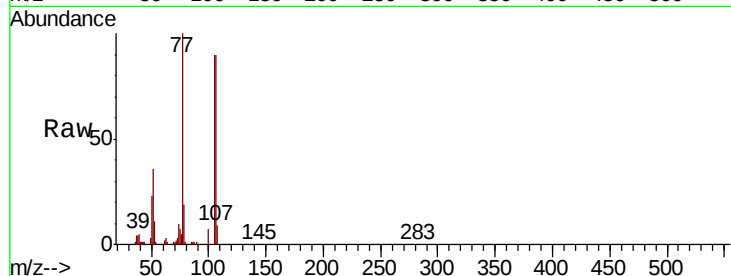
ClientSampleId :

PB128472BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	90.1	72.9	112.9	
106	89.6	67.6	107.6	

Manual Integrations
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#10

Phenol

Concen: 46.067 ng

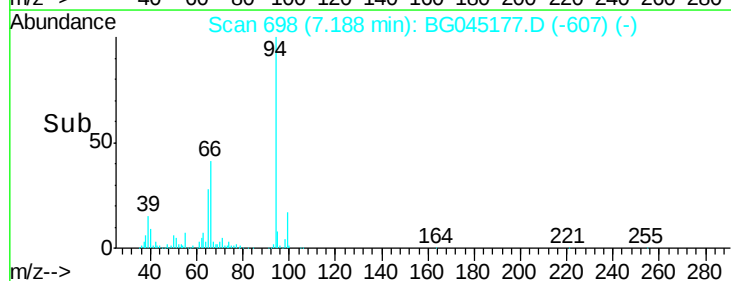
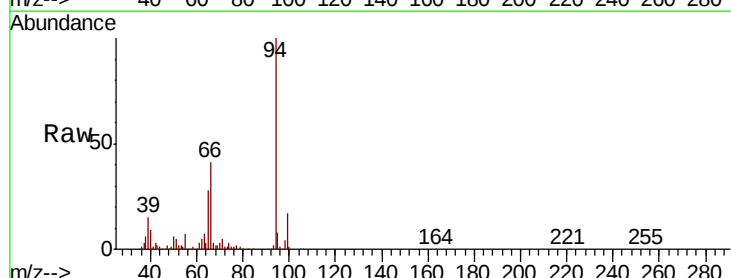
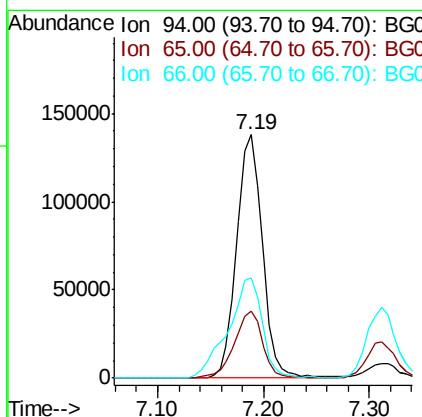
RT: 7.19 min Scan# 698

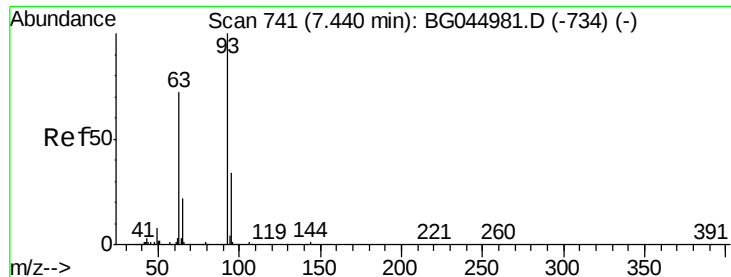
Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	27.7	8.2	48.2	
66	41.3	20.4	60.4	





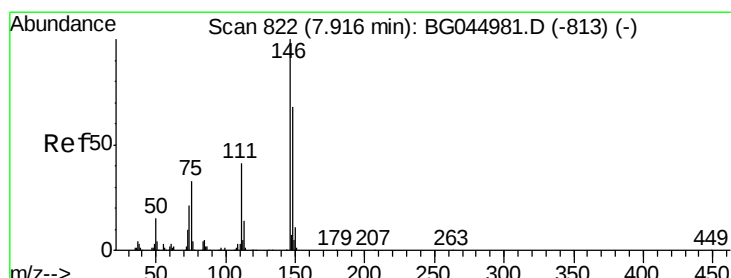
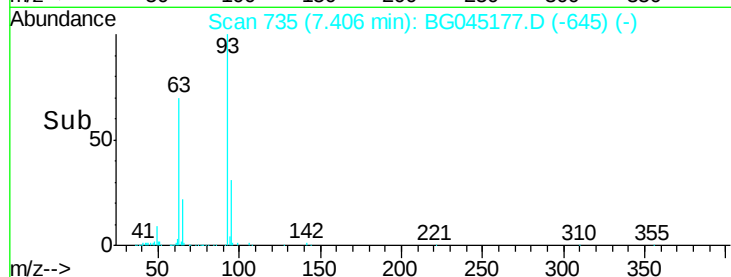
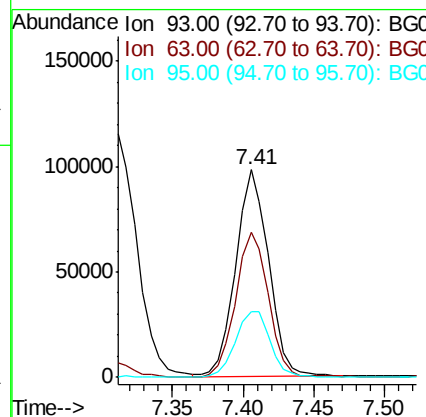
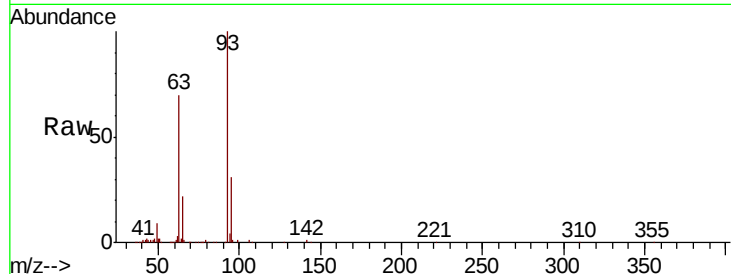
#11
bis(2-Chloroethyl)ether
Concen: 39.447 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	158746		
63	69.8		51.8	91.8
95	31.4		13.8	53.8

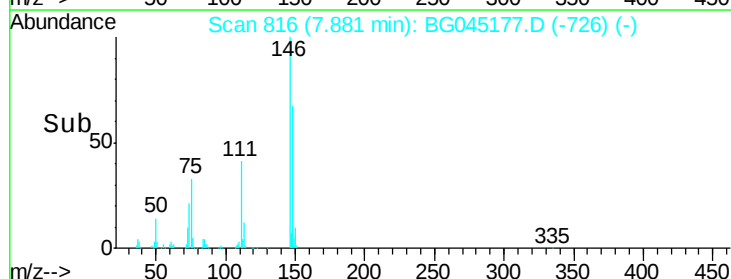
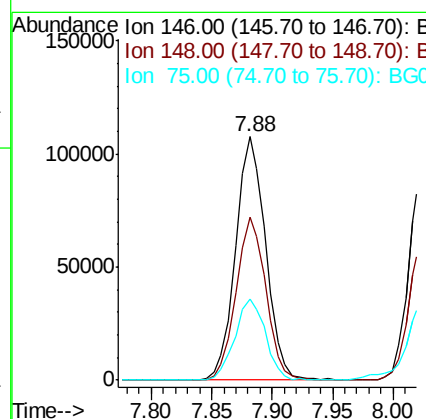
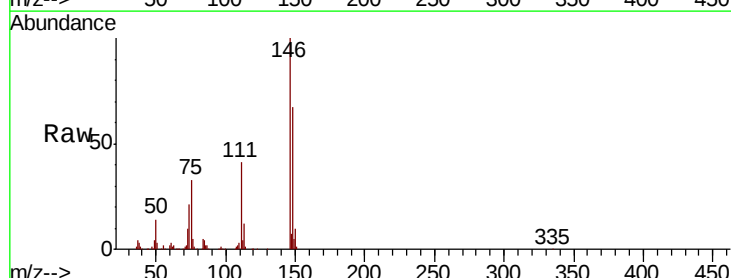
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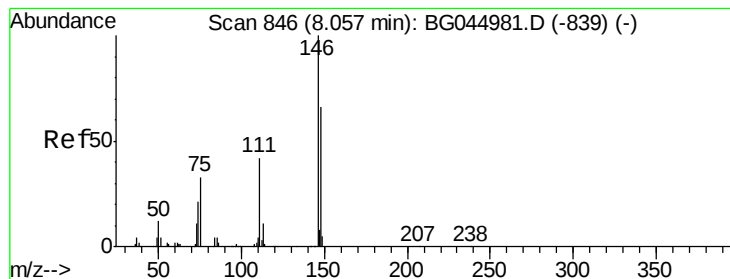
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.338 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	186591		
148	66.8		54.6	81.8
75	33.3		26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 43.139 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

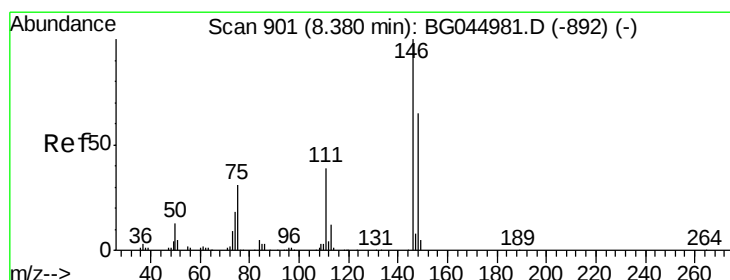
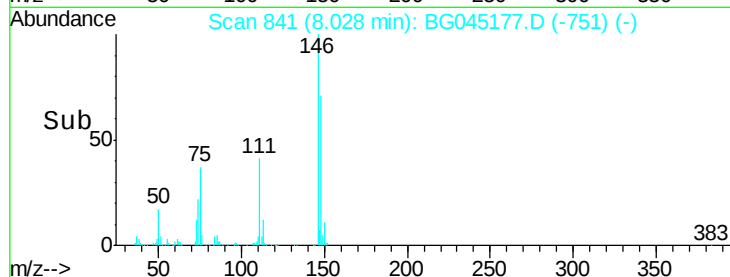
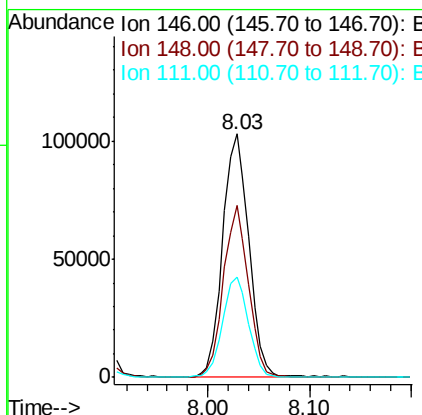
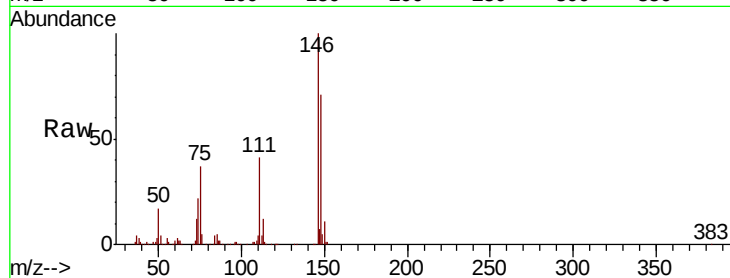
ClientSampled :

PB128472BS

Tot Ion:	146	Resp:	185070
Ion Ratio	Lower	Upper	
146	100		
148	70.5	53.3	79.9
111	41.3	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 42.468 ng

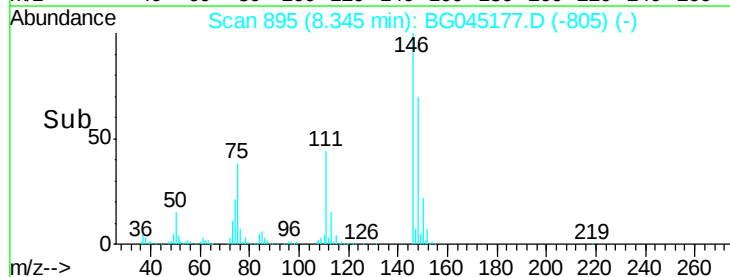
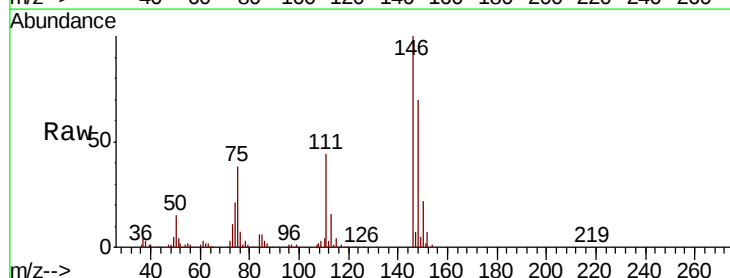
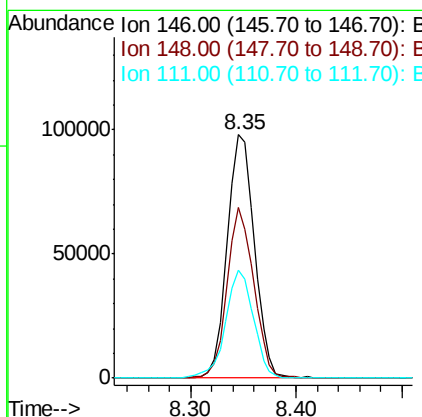
RT: 8.35 min Scan# 895

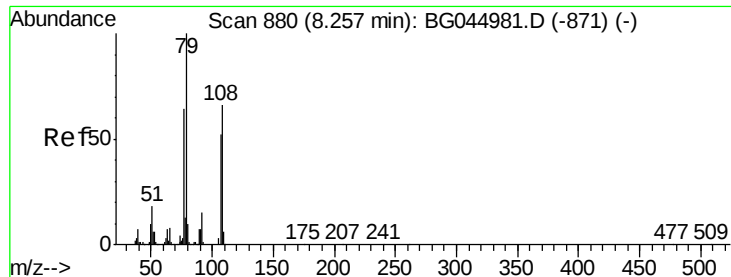
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	146	Resp:	174303
Ion Ratio	Lower	Upper	
146	100		
148	70.0	51.9	77.9
111	44.3	31.3	46.9





#15

Benzyl Alcohol

Concen: 41.458 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

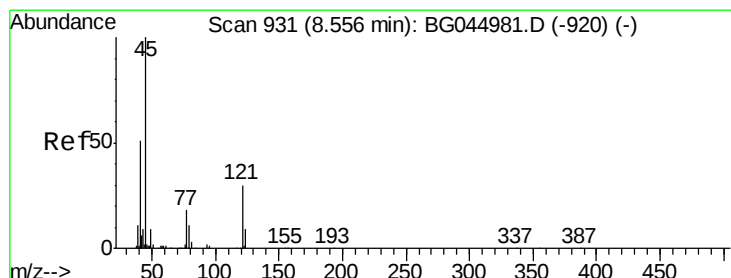
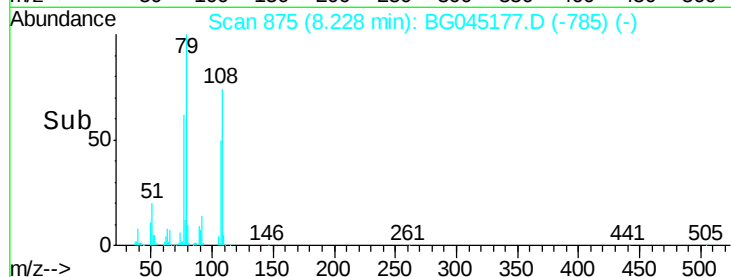
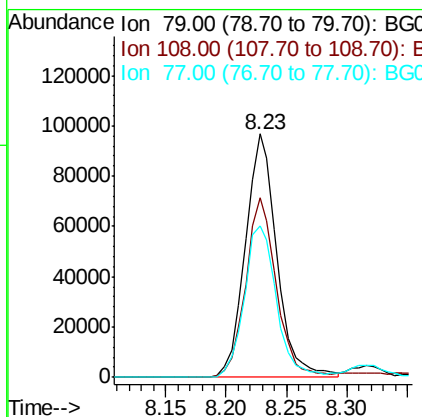
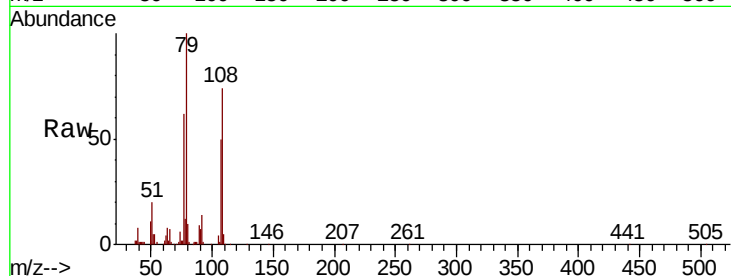
ClientSampleId :

PB128472BS

Tot Ion:	79	Resp:	175570
Ion	Ratio	Lower	Upper
79	100		
108	73.7	52.7	79.1
77	62.4	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.507 ng

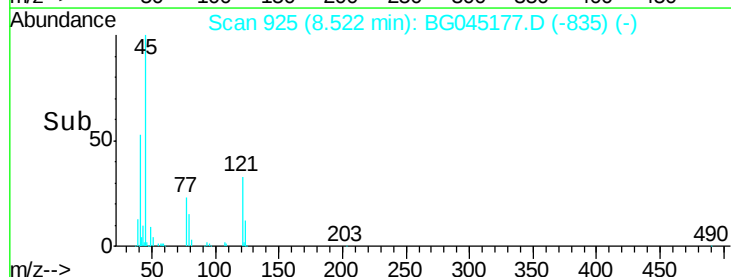
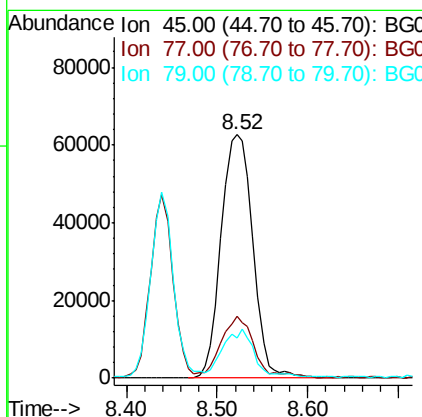
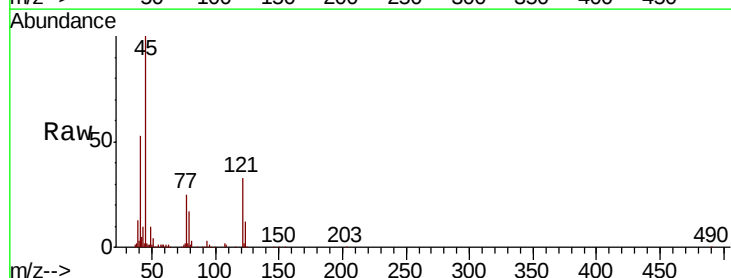
RT: 8.52 min Scan# 925

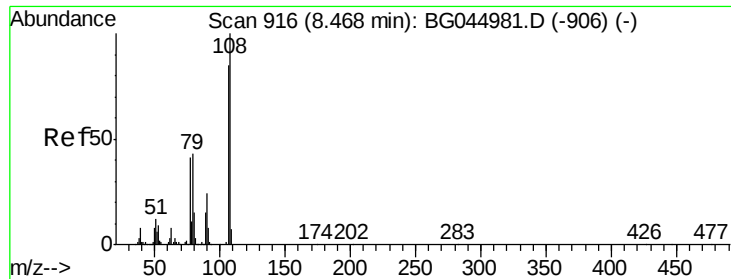
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	45	Resp:	152116
Ion	Ratio	Lower	Upper
45	100		
77	25.3	1.9	41.9
79	16.7	0.0	35.5





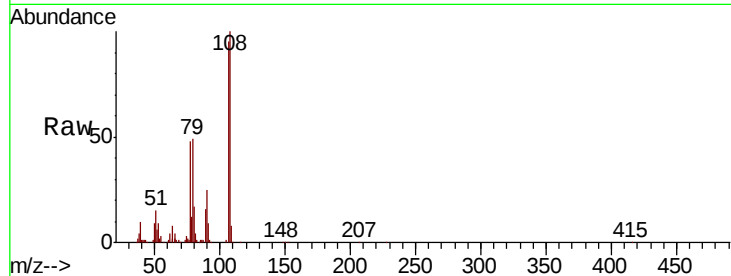
#17
2-Methylphenol
Concen: 41.413 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

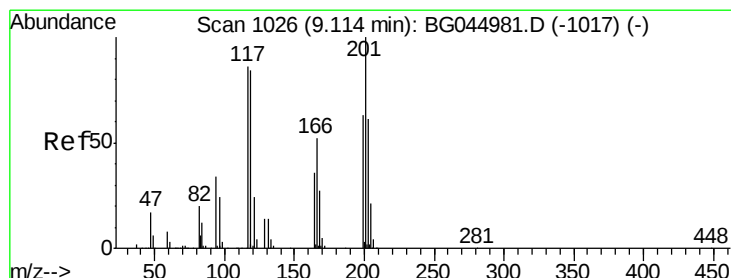
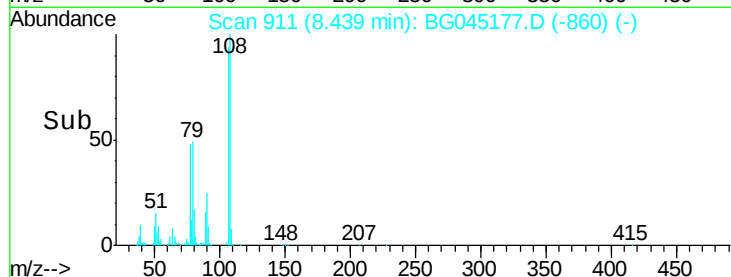
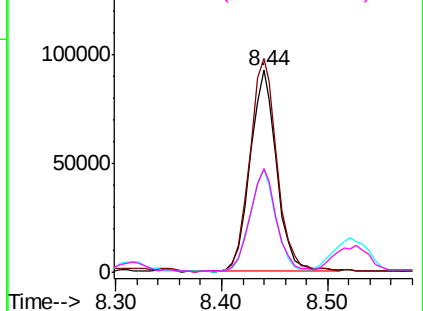
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.8	93.8	140.6	
77	50.7	38.5	57.7	
79	51.6	40.1	60.1	

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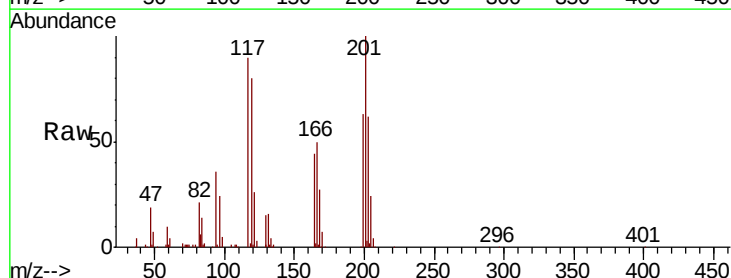


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

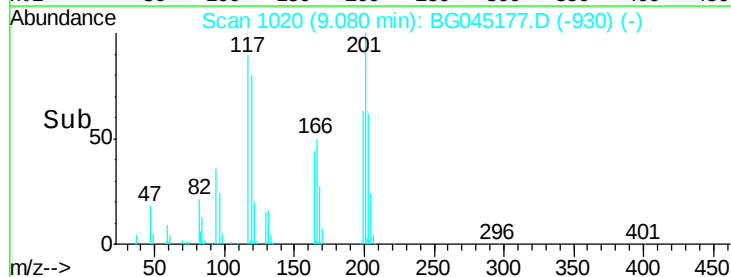
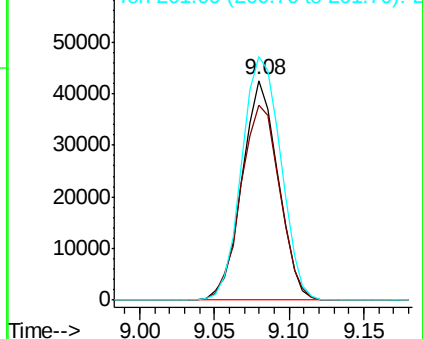


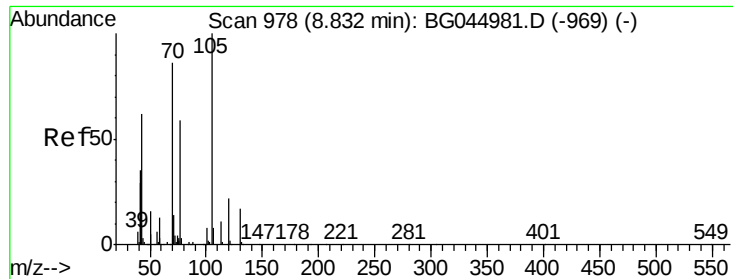
#18
Hexachloroethane
Concen: 44.171 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.9	78.3	117.5	
201	110.8	92.9	139.3	



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





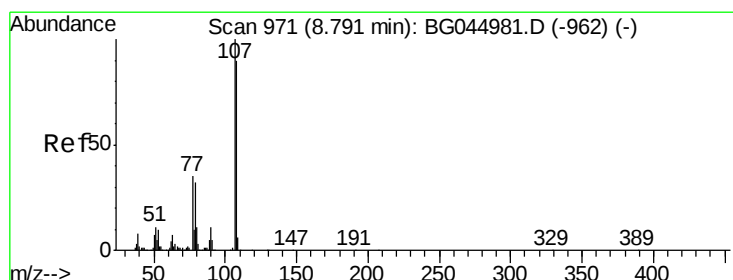
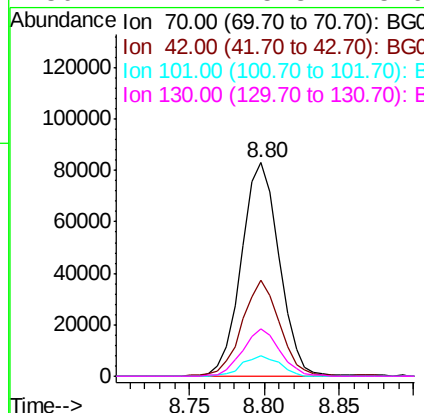
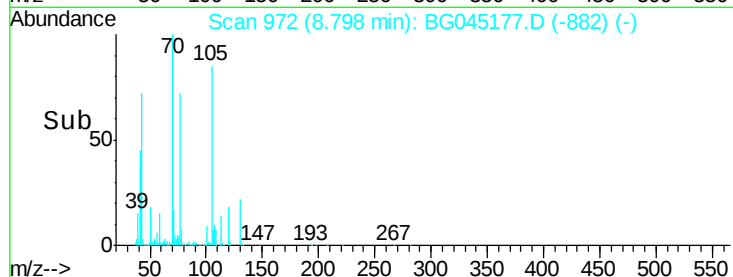
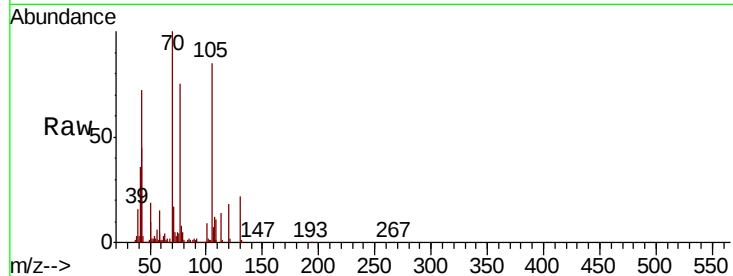
#19
n-Nitroso-di-n-propylamine
Concen: 40.831 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.1	33.3	49.9	
101	9.4	7.8	11.8	
130	22.1	15.8	23.6	

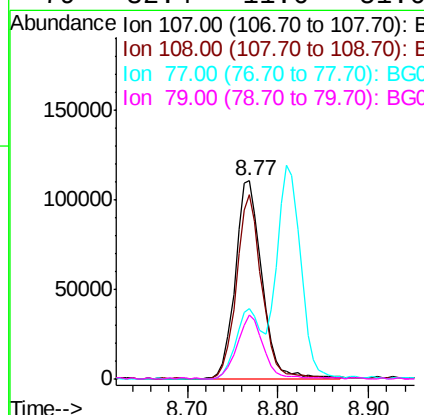
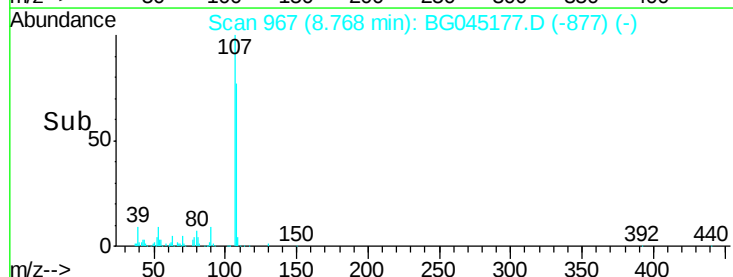
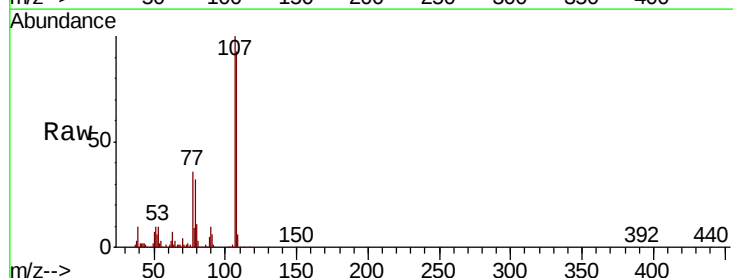
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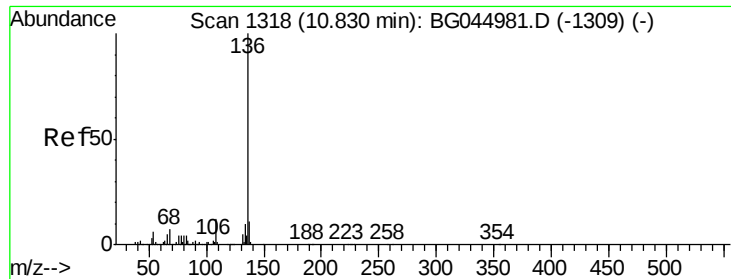
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#20
3+4-Methylphenols
Concen: 41.562 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	69.9	109.9	
77	35.8	15.2	55.2	
79	32.4	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

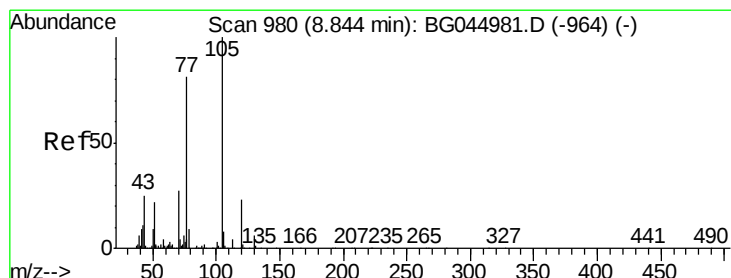
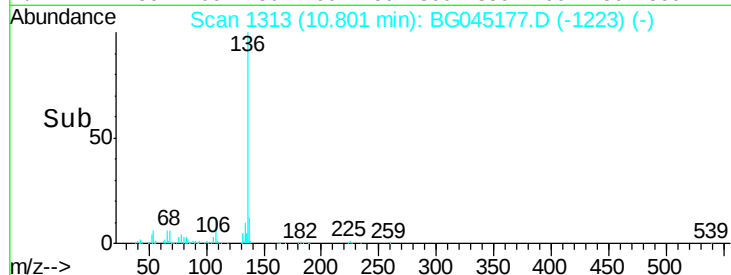
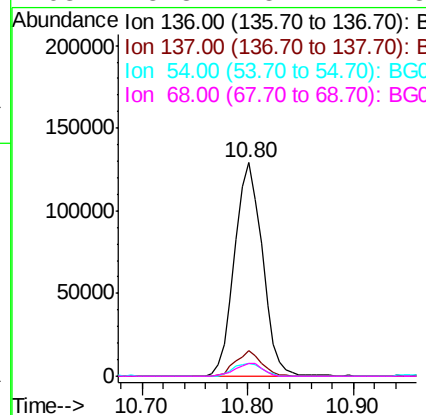
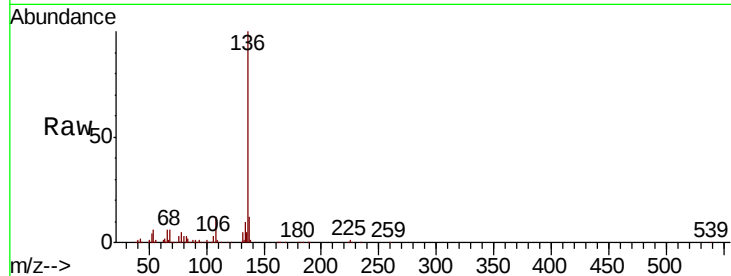
ClientSampleId :

PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	235661		
137	11.7	8.6	13.0	
54	5.9	4.8	7.2	
68	5.8	5.2	7.8	

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#22

Acetophenone

Concen: 42.313 ng

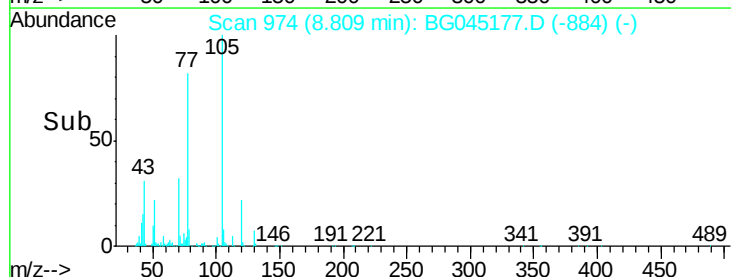
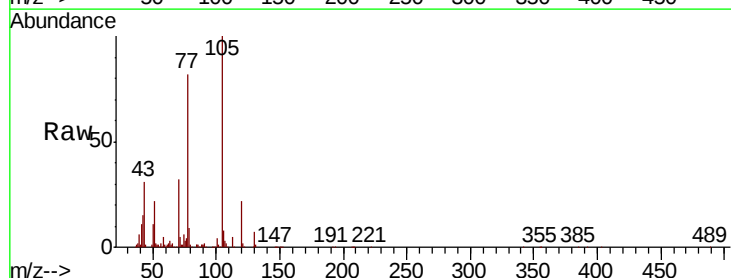
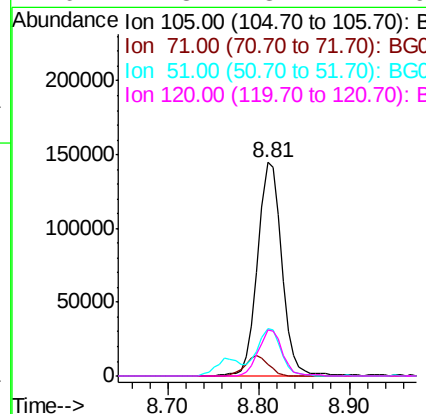
RT: 8.81 min Scan# 974

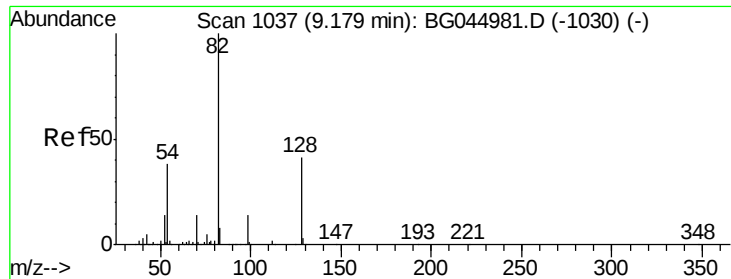
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269653		
71	5.5	3.3	4.9#	
51	22.4	17.3	25.9	
120	21.8	18.4	27.6	





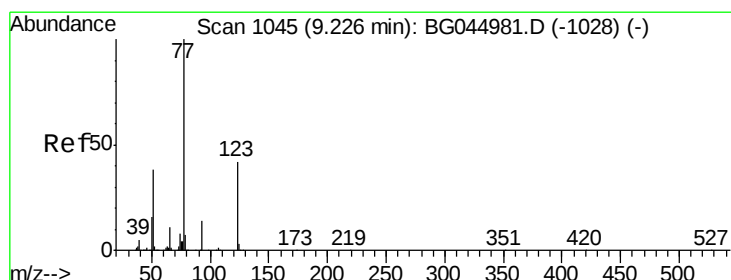
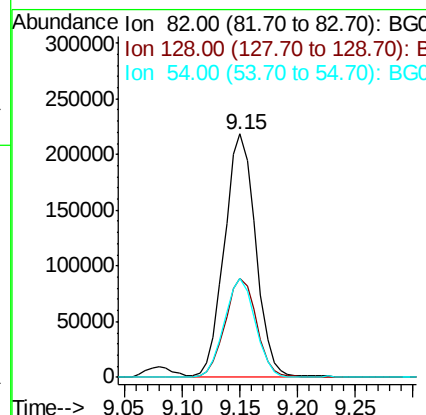
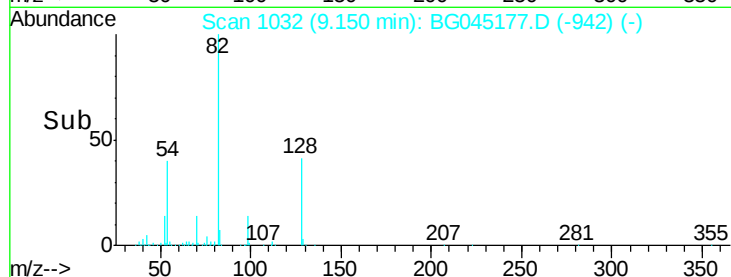
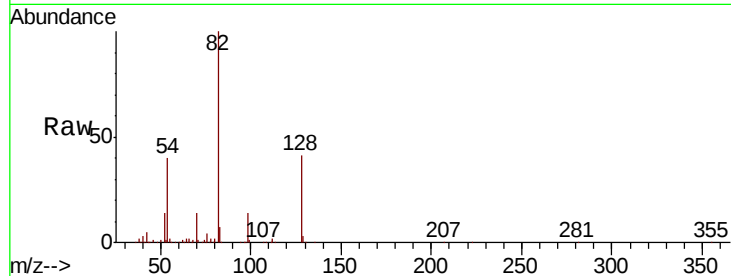
#23
Nitrobenzene-d5
Concen: 78.939 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampled :
PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	33.0	49.4	
54	40.5	30.4	45.6	

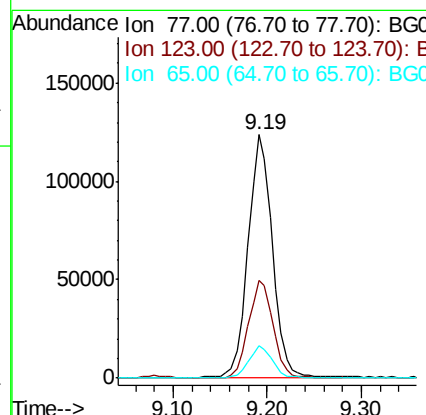
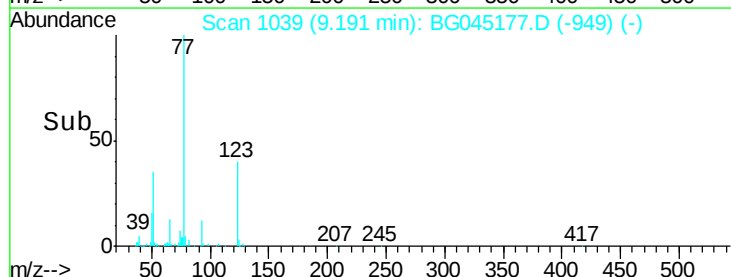
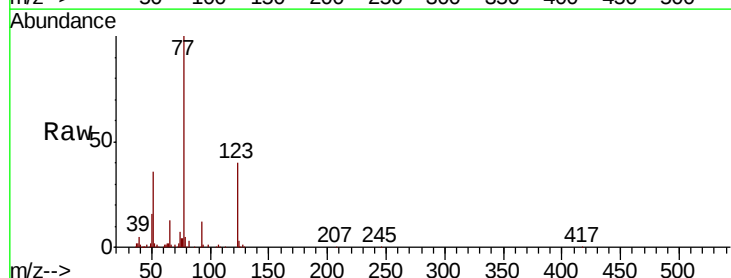
Manual Integrations
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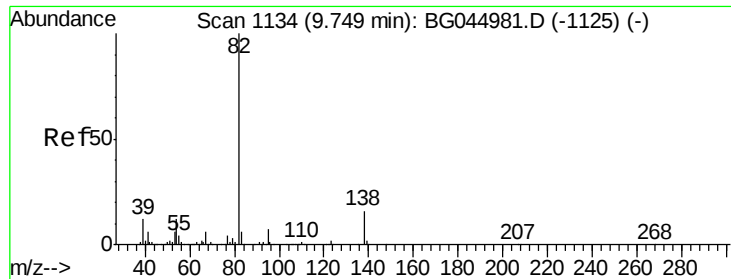
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#24
Nitrobenzene
Concen: 41.841 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.0	34.3	51.5	
65	13.1	8.9	13.3	





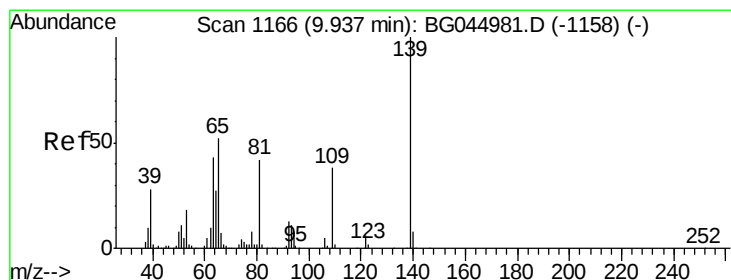
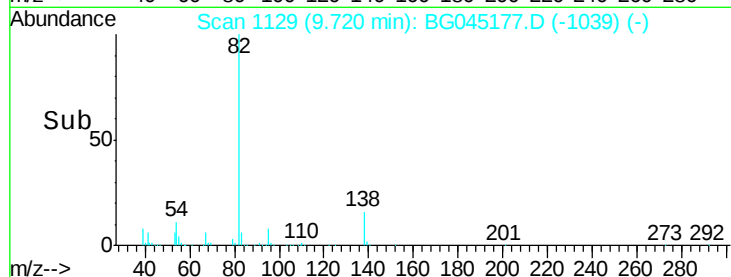
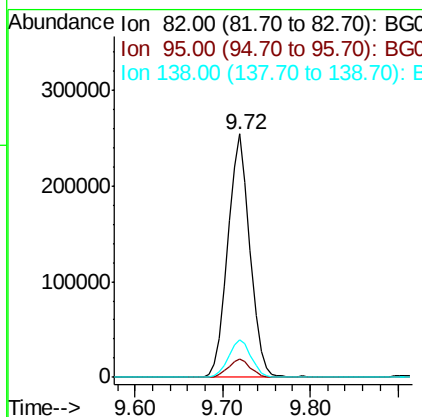
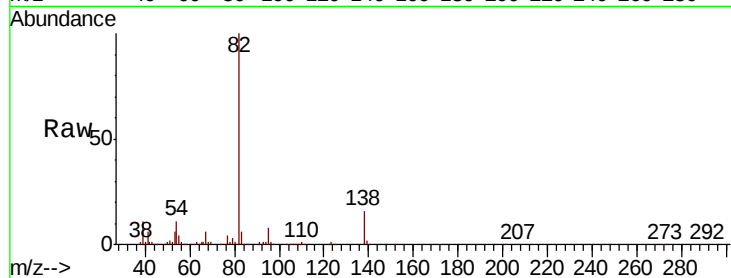
#25
Isophorone
Concen: 41.433 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	6.0	9.0	
138	15.6	12.7	19.1	

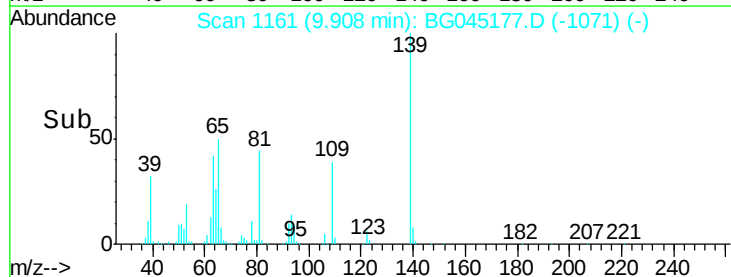
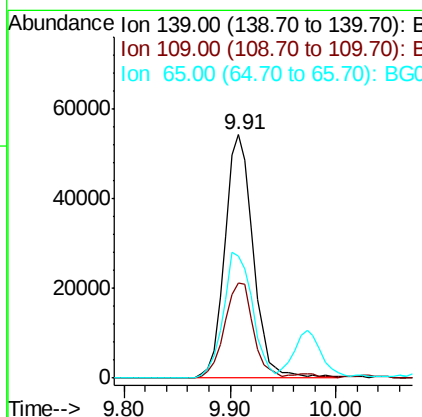
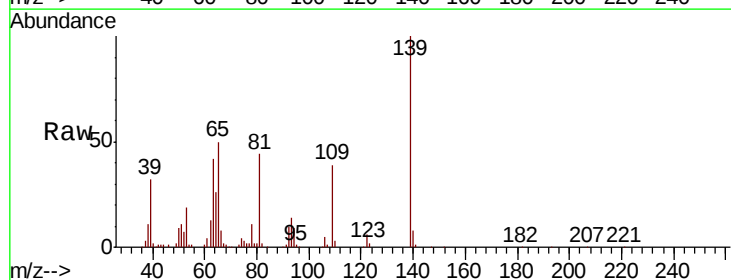
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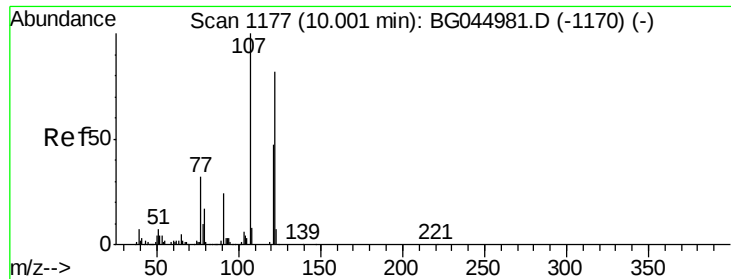
mohammad
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#26
2-Nitrophenol
Concen: 44.003 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.3	30.6	45.8	
65	50.1	41.8	62.6	





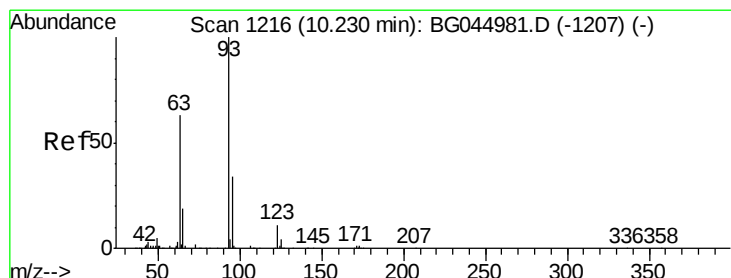
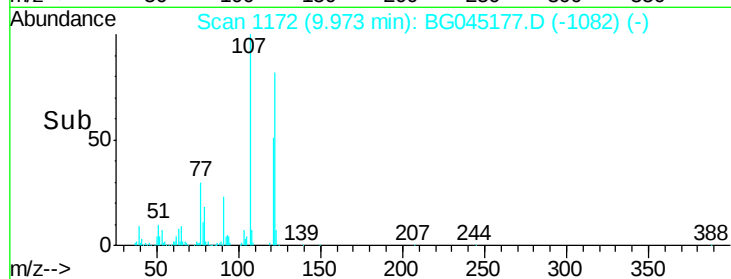
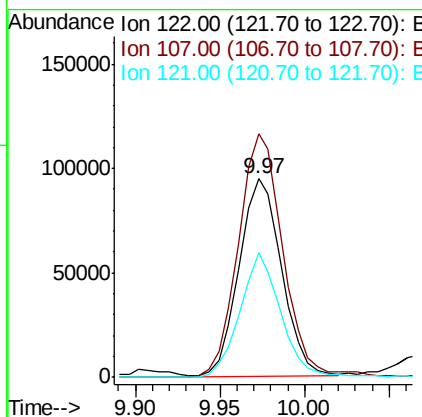
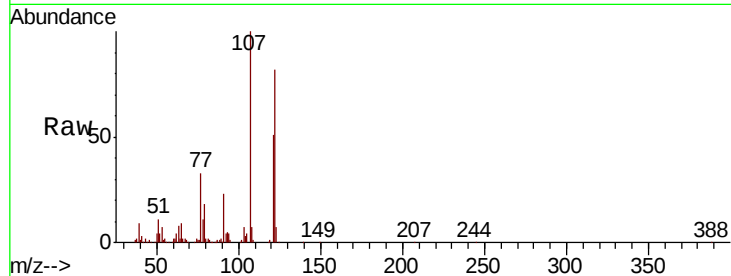
#27
 2,4-Dimethylphenol
 Concen: 45.685 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	165304		
107	122.6	96.8	145.2	
121	62.8	45.6	68.4	

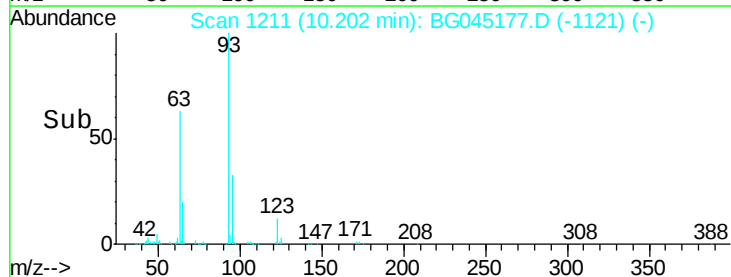
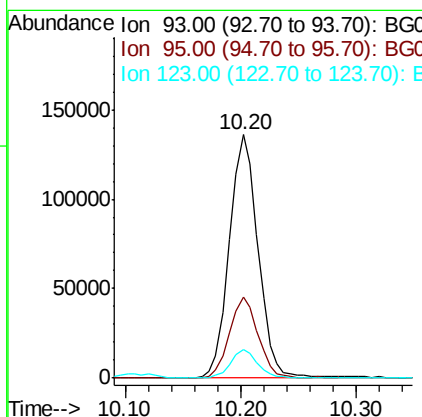
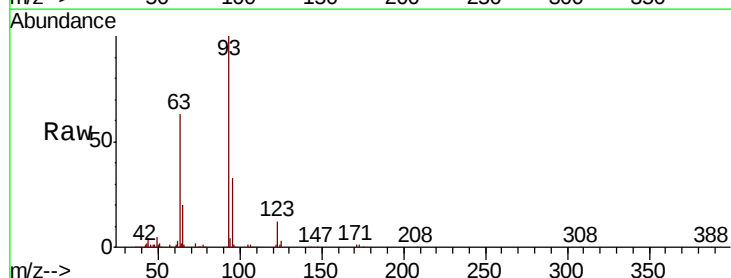
Manual Integrations
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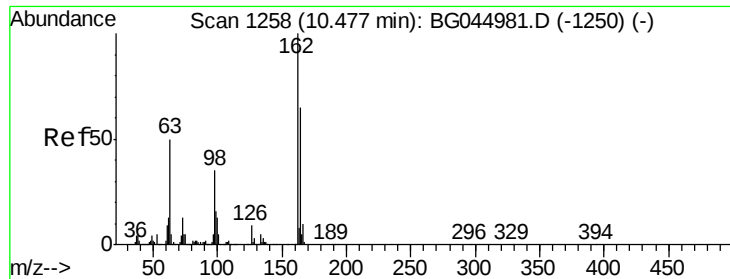
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.246 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	234768		
95	33.3	27.0	40.4	
123	11.7	8.7	13.1	





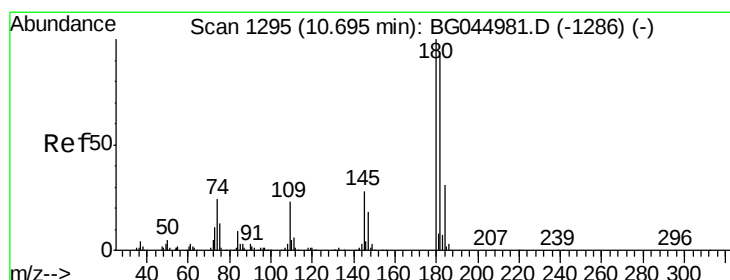
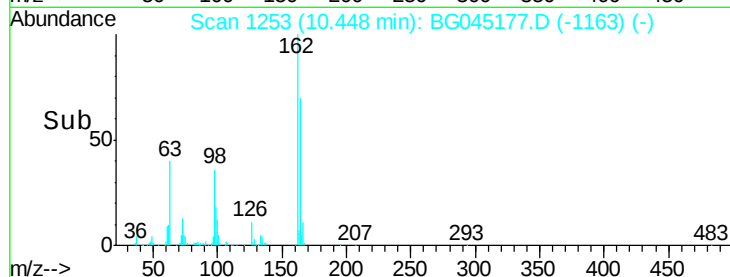
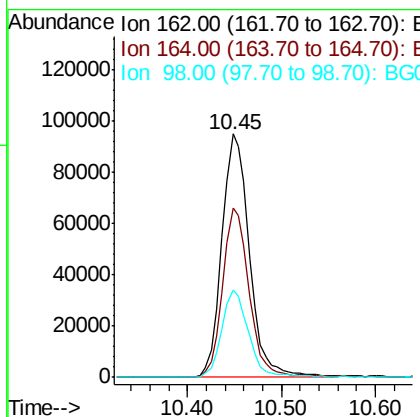
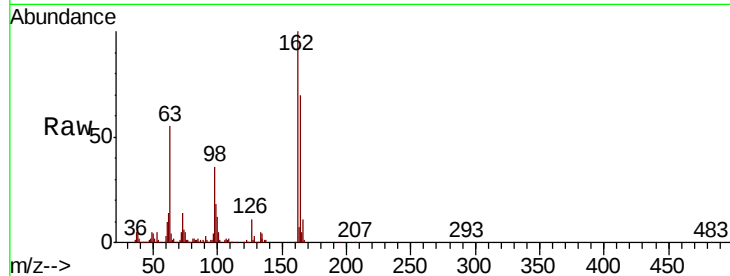
#29
 2,4-Dichlorophenol
 Concen: 46.578 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	194606		
164	69.7	45.0	85.0	
98	36.0	15.2	55.2	

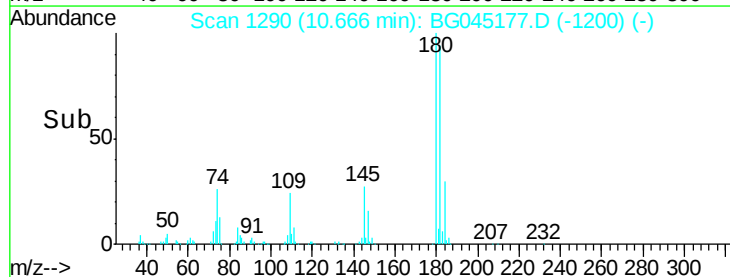
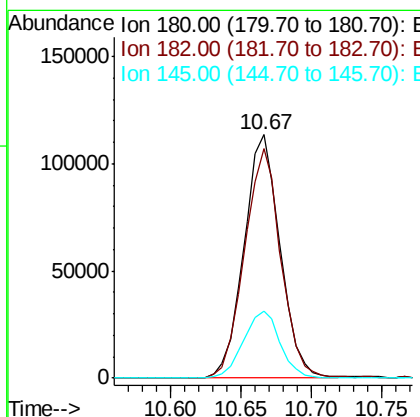
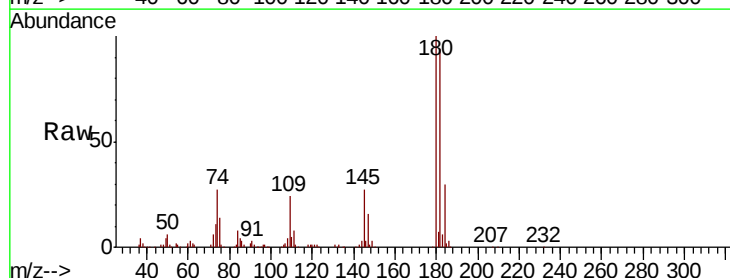
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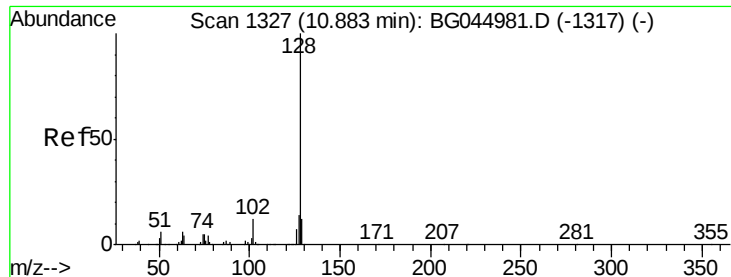
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.897 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202919		
182	94.2	73.3	109.9	
145	27.3	22.6	33.8	





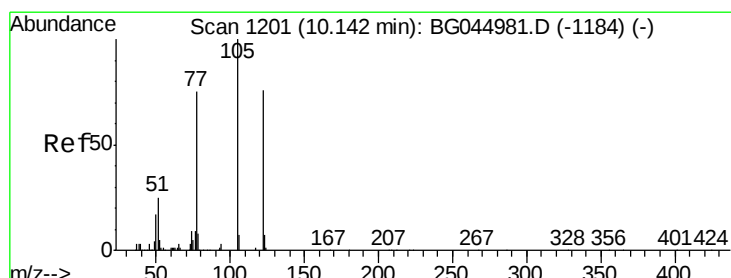
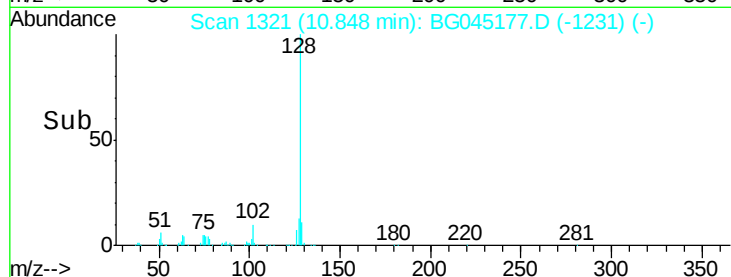
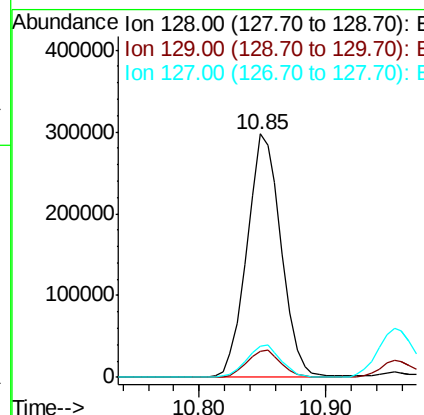
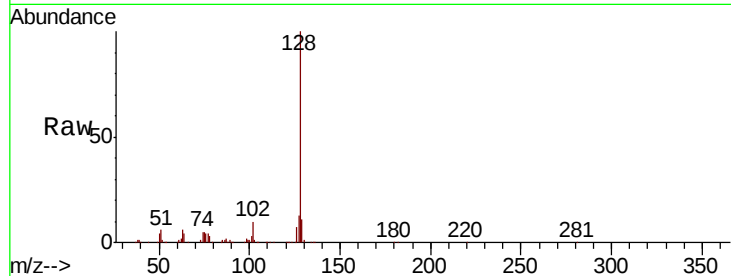
#31
Naphthalene
Concen: 43.067 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.4	14.2	
127	12.8	10.8	16.2	

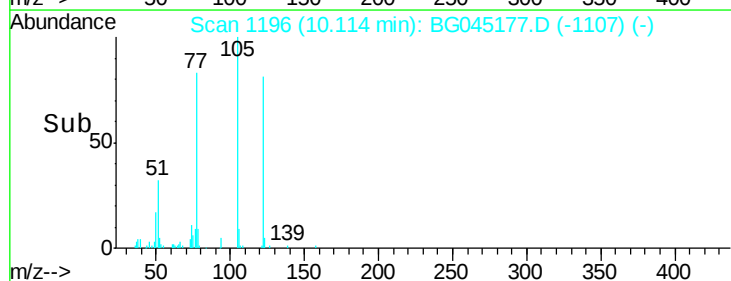
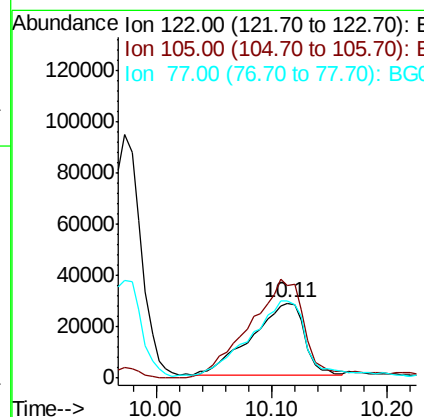
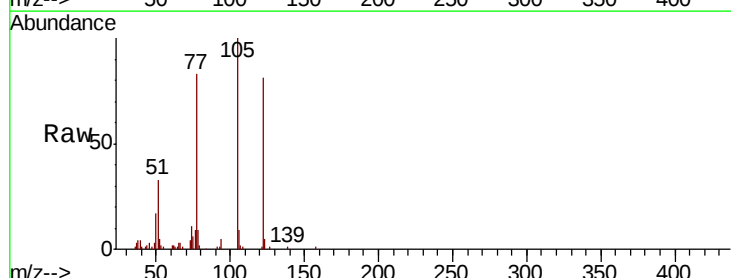
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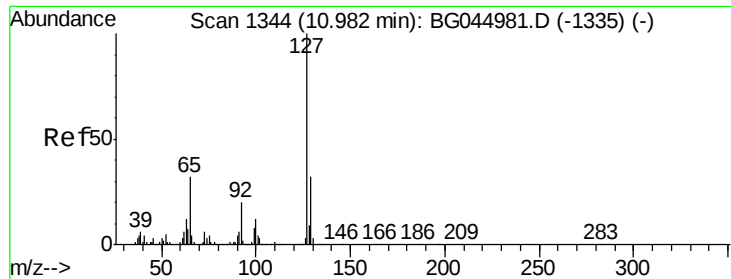
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#32
Benzoic acid
Concen: 33.070 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.5	108.4	148.4	
77	102.9	78.8	118.8	





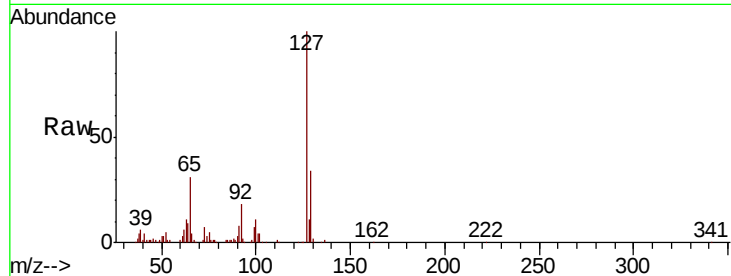
#33
4-Chloroaniline
Concen: 20.794 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

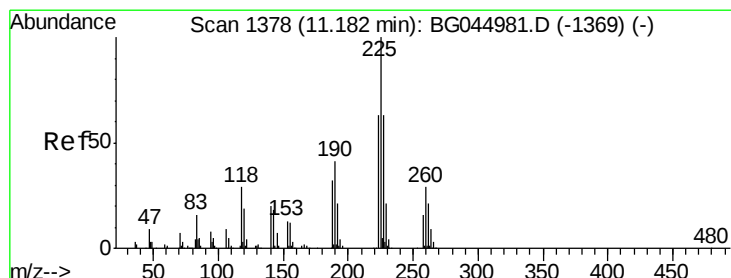
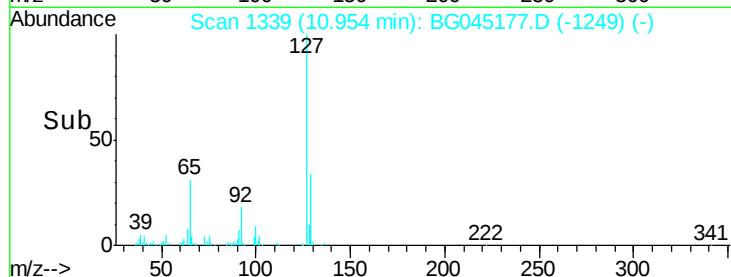
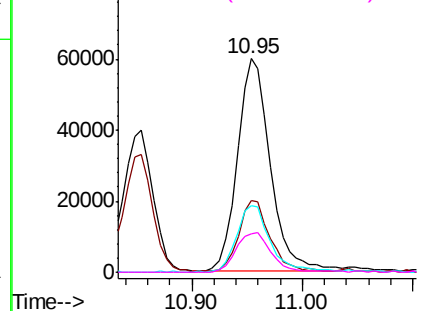
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		125021		
129	33.7	25.7	38.5		
65	31.5	25.4	38.2		
92	17.9	16.1	24.1		

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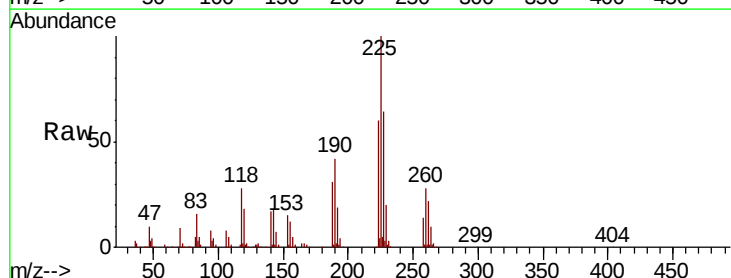


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

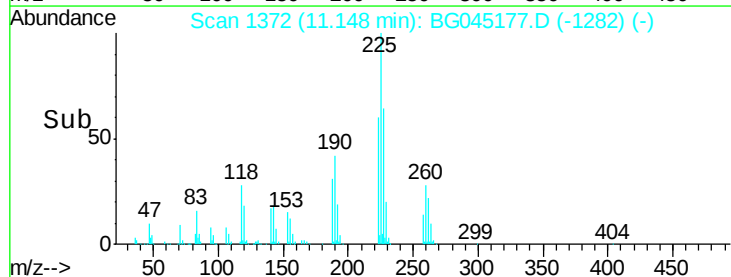
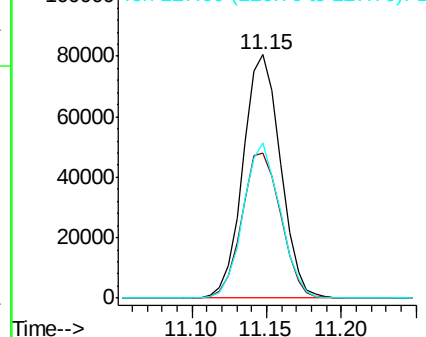


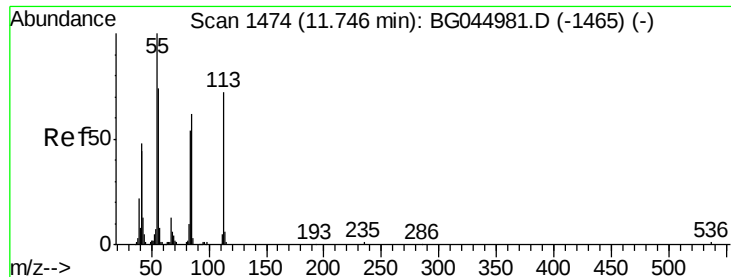
#34
Hexachlorobutadiene
Concen: 43.016 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		139513		
223	59.8	50.7	76.1		
227	63.8	50.2	75.2		



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: 45.486 ng/mL

RT: 11.72 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

Tot Ion: 113 Resp: 75636

Ion Ratio Lower Upper

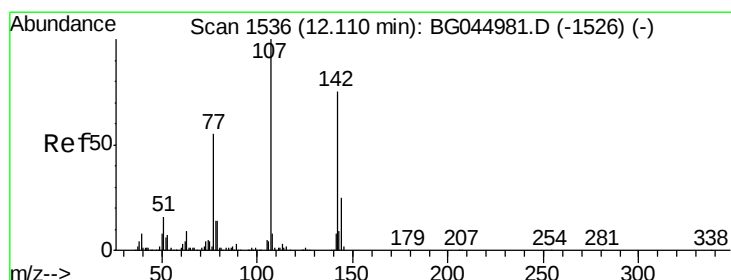
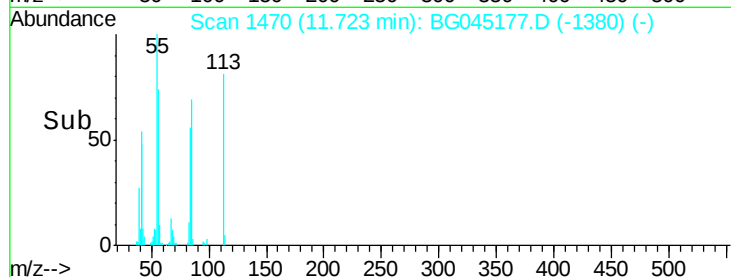
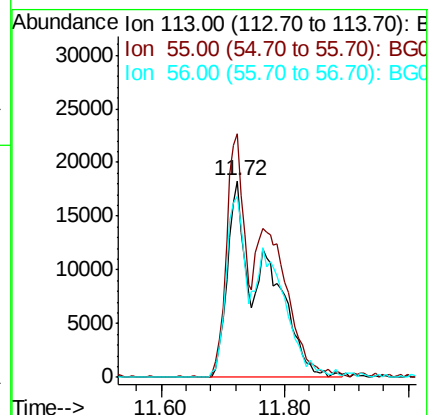
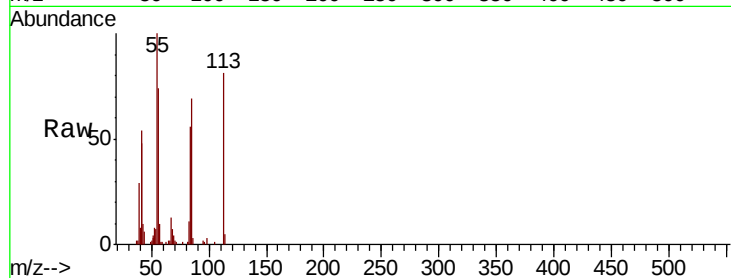
113 100

55 123.7 118.8 158.8

56 91.6 82.6 122.6

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#36

4-Chloro-3-methylphenol

Concen: 47.748 ng/mL

RT: 12.09 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

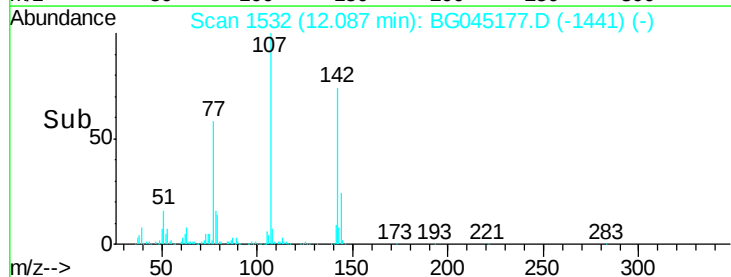
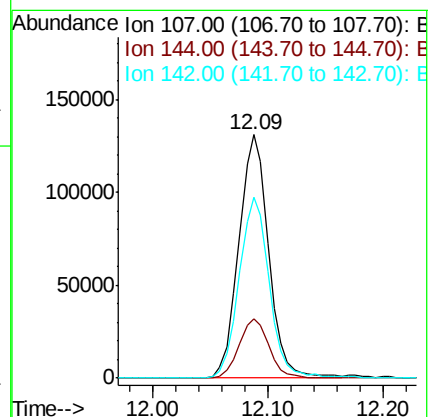
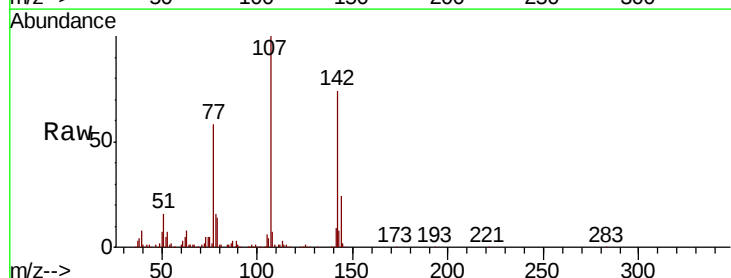
Tgt Ion: 107 Resp: 234355

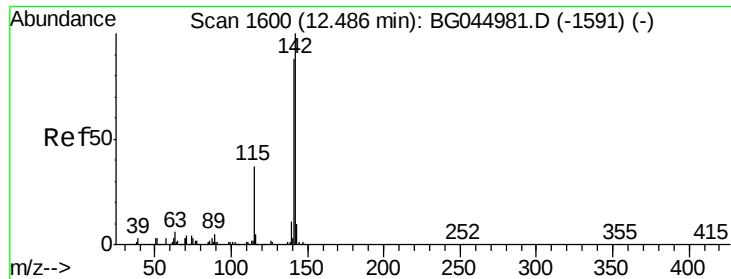
Ion Ratio Lower Upper

107 100

144 24.1 19.8 29.6

142 74.2 59.7 89.5





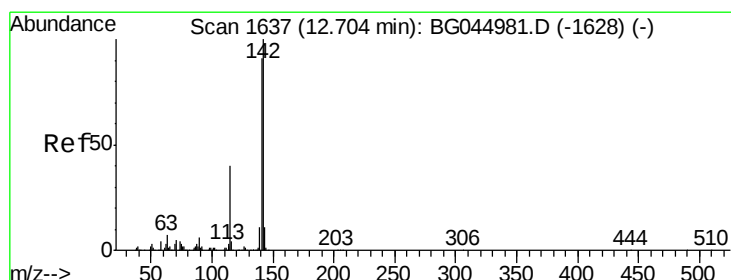
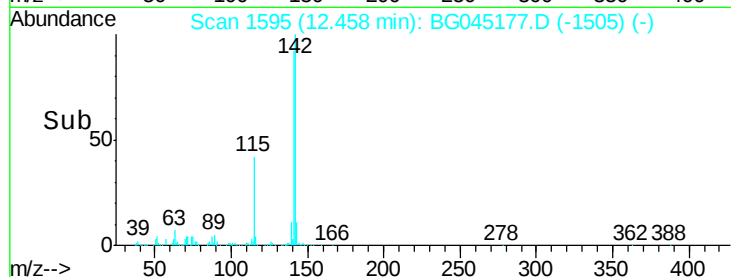
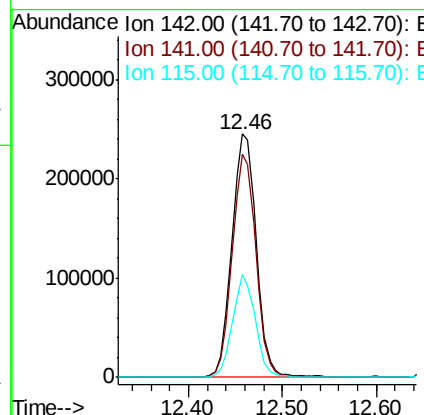
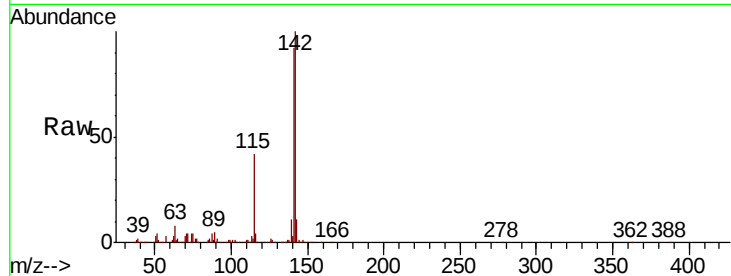
#37
2-Methylnaphthalene
Concen: 44.132 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.3	105.5
115	42.3	29.8	44.6

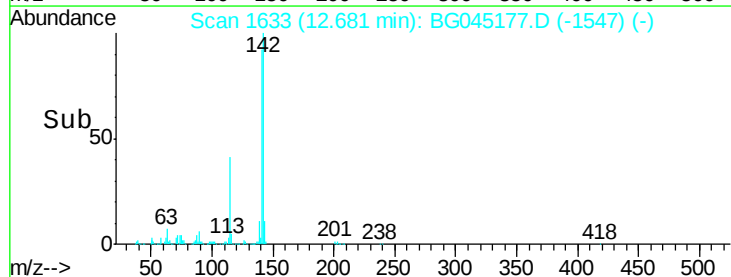
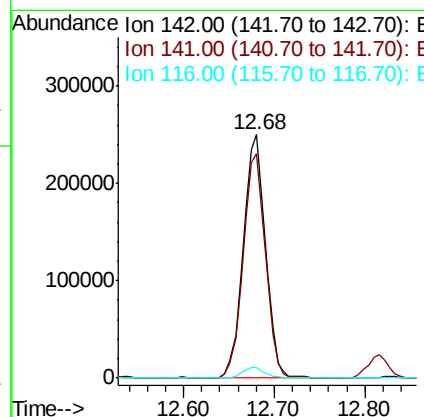
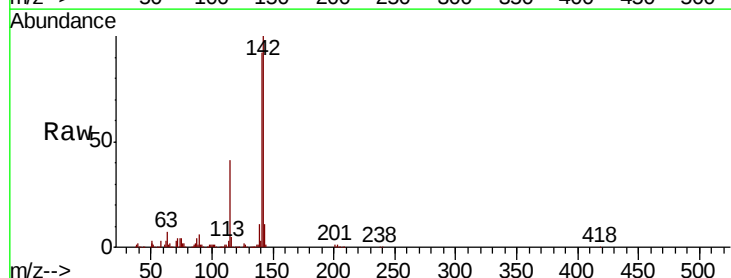
Manual Integrations
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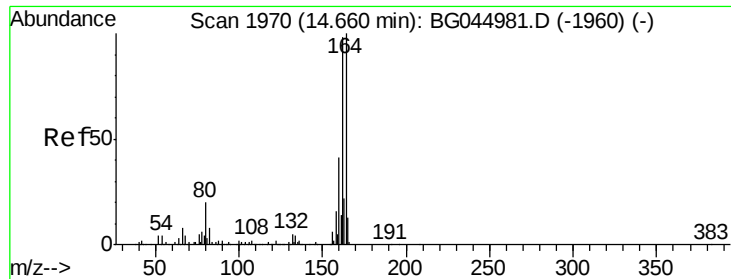
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#38
1-Methylnaphthalene
Concen: 45.067 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

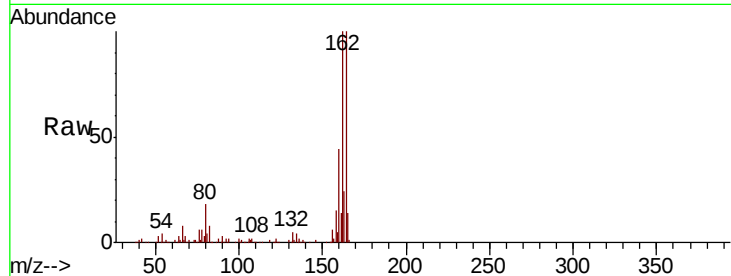
ClientSampleId :

PB128472BS

Tot Ion:	164	Resp:	182679
Ion Ratio	Lower	Upper	
164	100		
162	99.9	78.7	118.1
160	44.0	32.8	49.2

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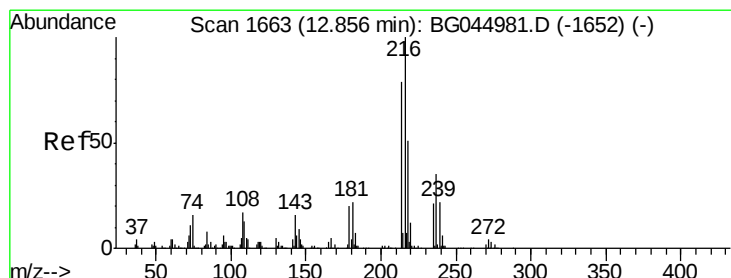
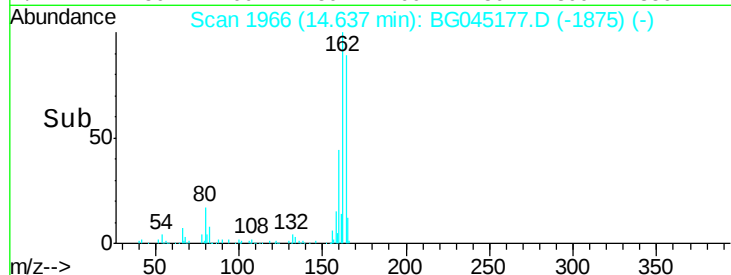
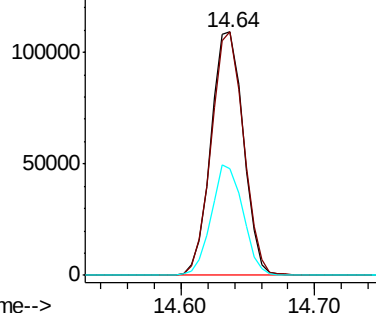


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.646 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	216	Resp:	244950
Ion Ratio	Lower	Upper	
216	100		
214	77.3	63.0	94.6
179	19.2	15.8	23.8
108	19.9	14.2	21.2

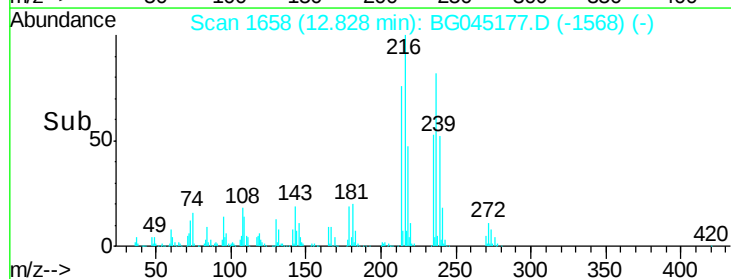
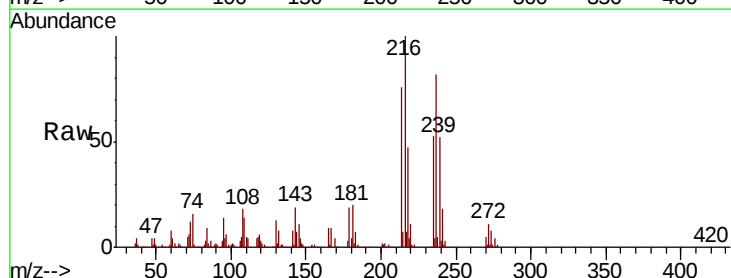
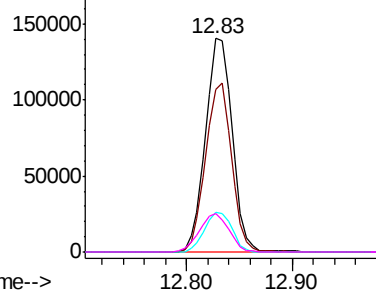
Abundance

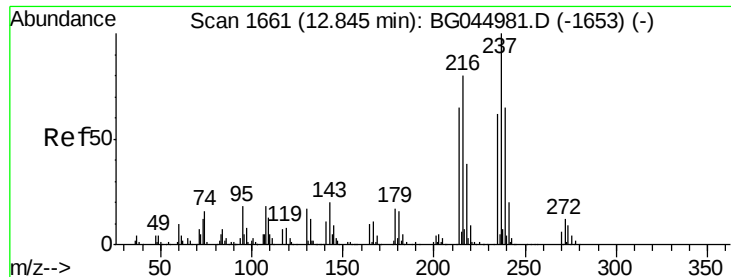
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.816 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

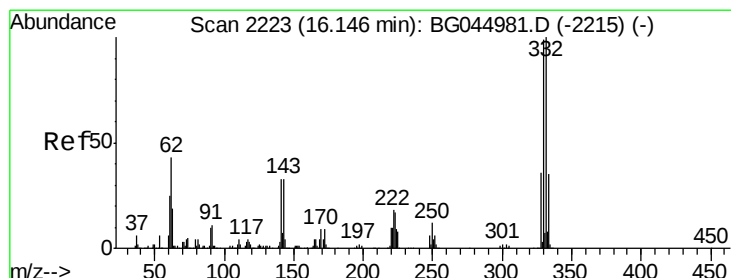
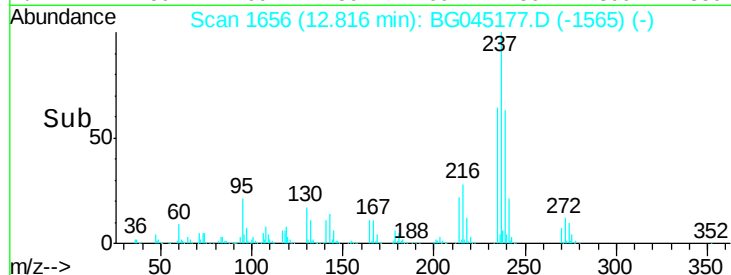
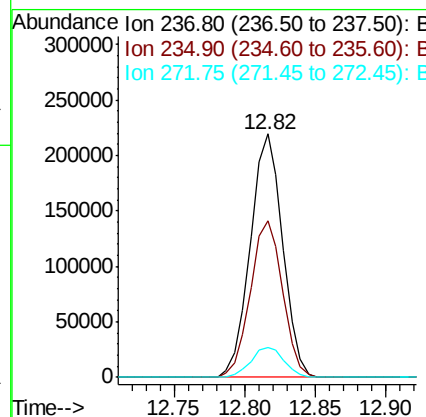
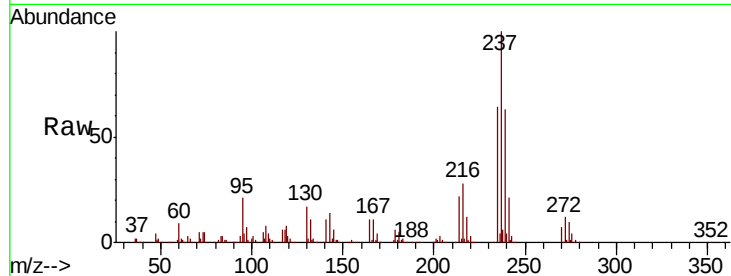
ClientSampleId :

PB128472BS

Tot Ion:	237	Resp:	352240
Ion Ratio	Lower	Upper	
237	100		
235	64.4	41.6	81.6
272	12.2	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 128.749 ng

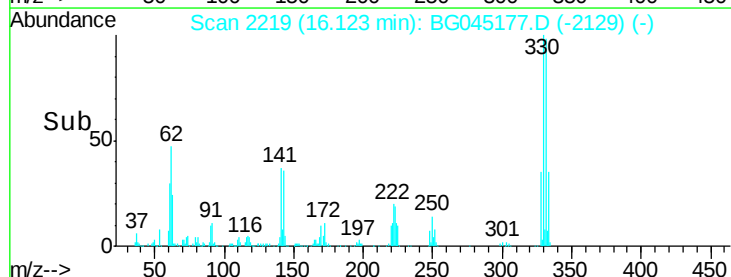
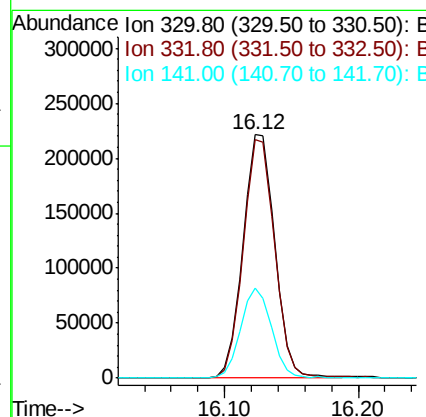
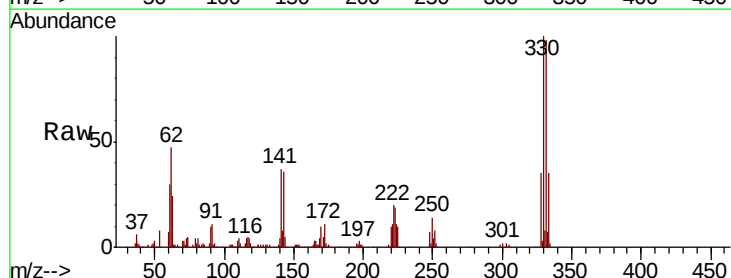
RT: 16.12 min Scan# 2219

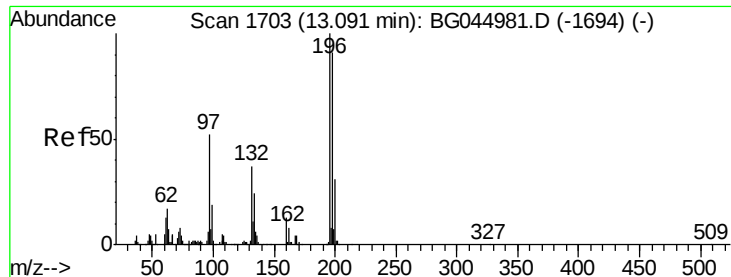
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	330	Resp:	363349
Ion Ratio	Lower	Upper	
330	100		
332	97.5	79.1	118.7
141	36.2	27.1	40.7





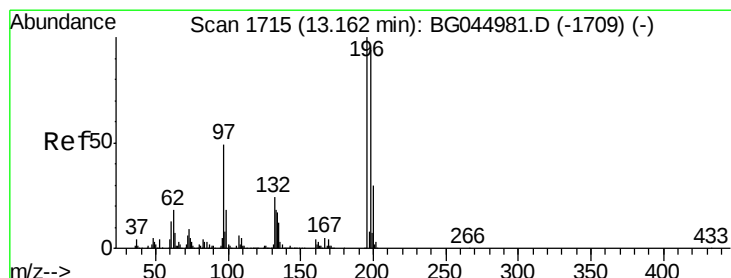
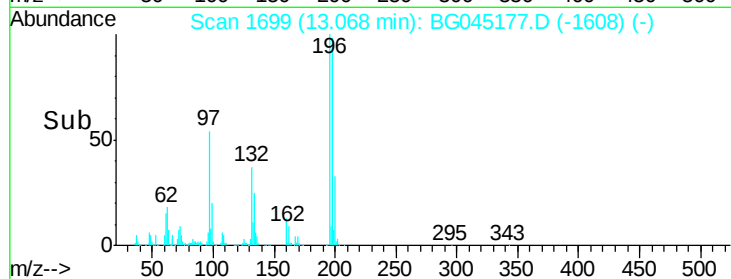
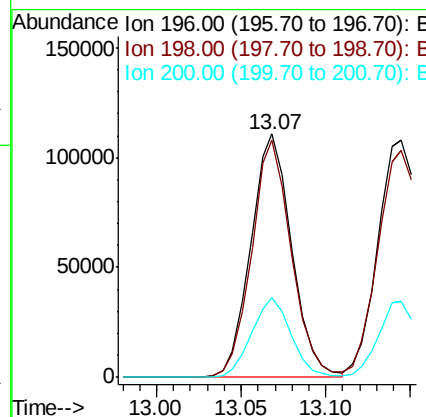
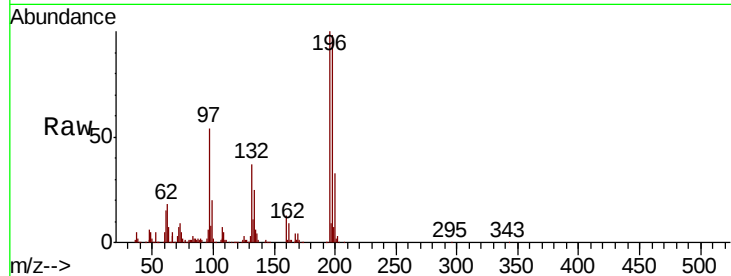
#43
 2,4,6-Trichlorophenol
 Concen: 44.702 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampled :
 PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185563		
198	97.5	72.5	108.7	
200	32.6	24.5	36.7	

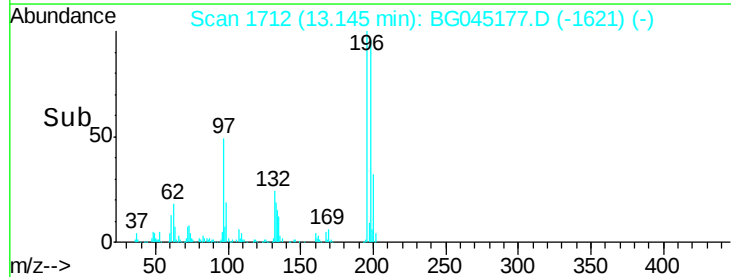
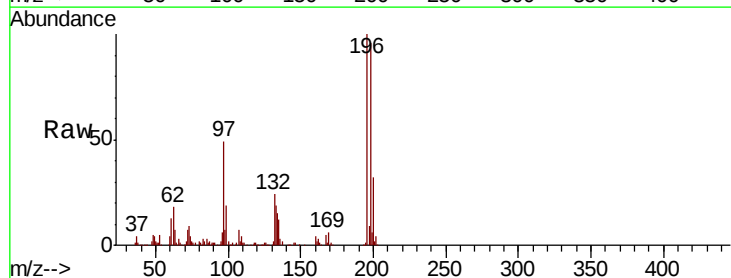
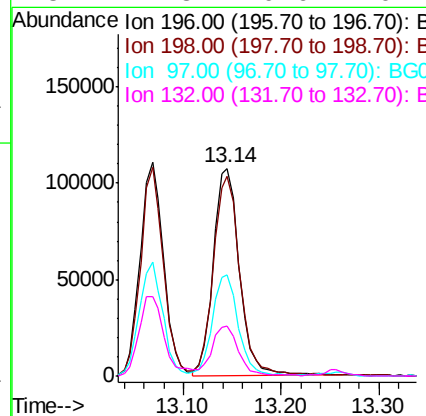
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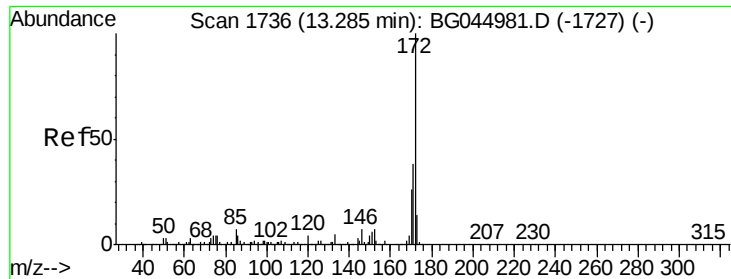
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#44
 2,4,5-Trichlorophenol
 Concen: 42.294 ng
 RT: 13.14 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199845		
198	96.0	75.7	113.5	
97	49.0	39.6	59.4	
132	24.3	19.6	29.4	





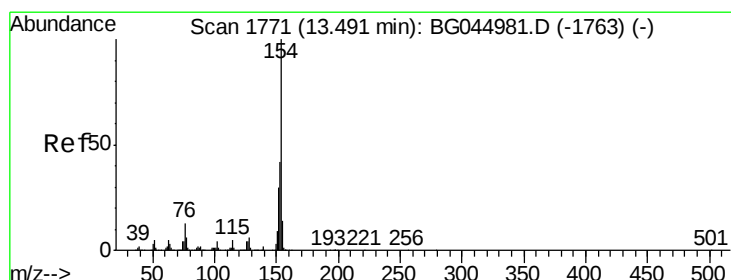
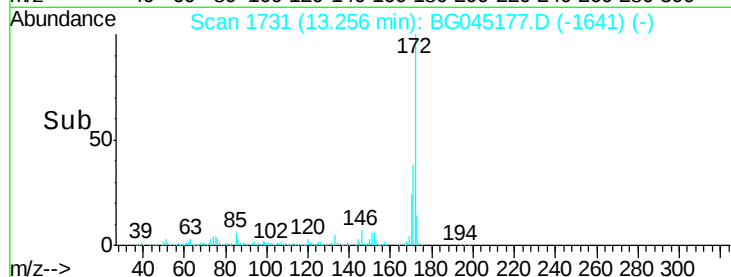
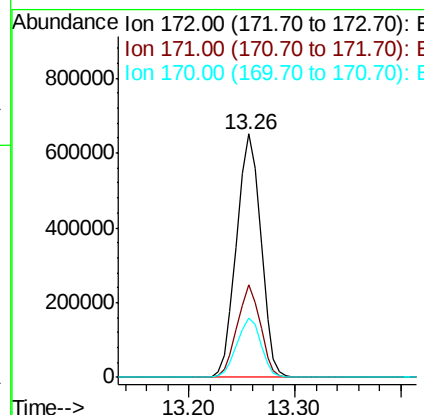
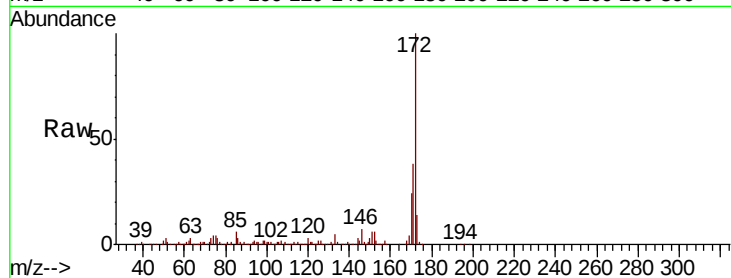
#45
2-Fluorobiphenyl
Concen: 83.635 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.4	20.5	30.7

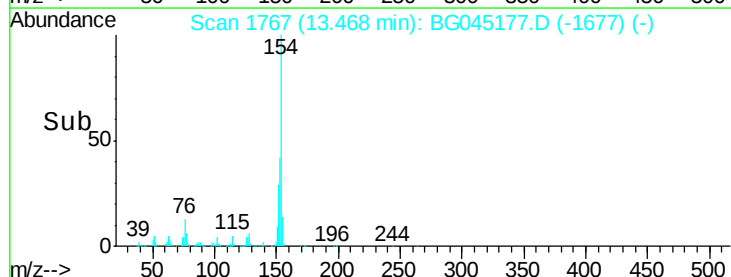
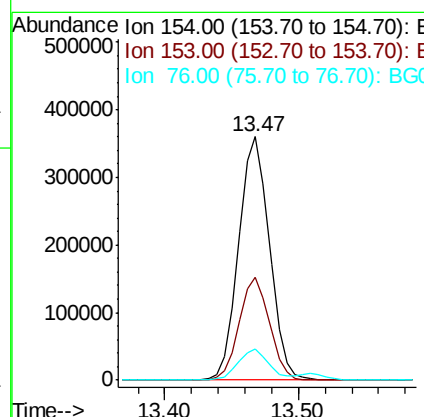
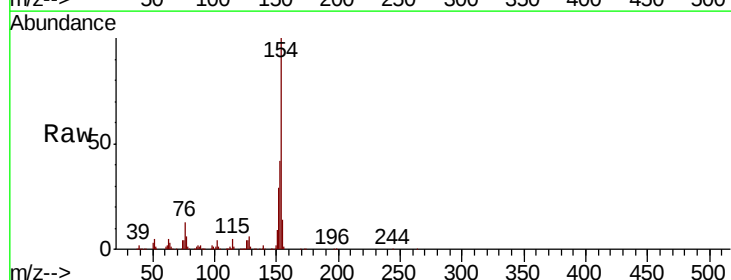
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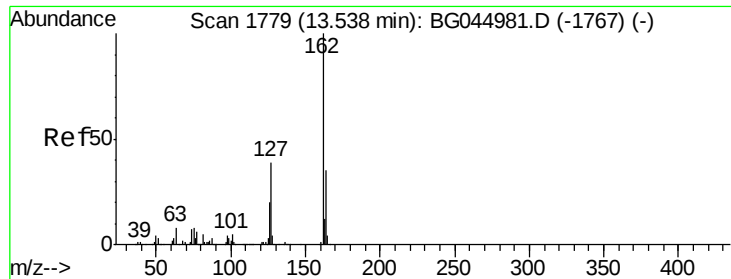
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#46
1,1'-Biphenyl
Concen: 41.557 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.9	61.9
76	13.0	0.0	33.1





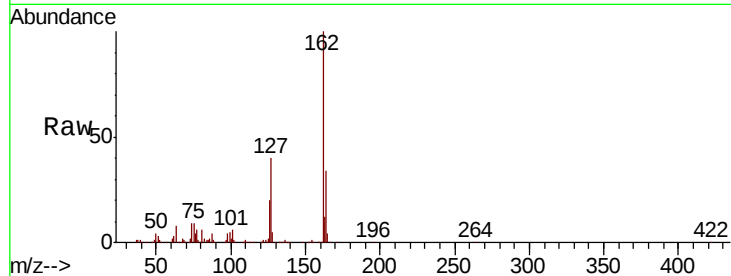
#47
 2-Chloronaphthalene
 Concen: 42.783 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	453903		
127	39.6		31.3	46.9
164	33.8		27.8	41.8

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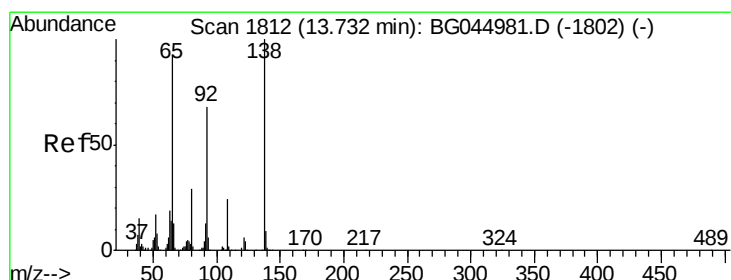
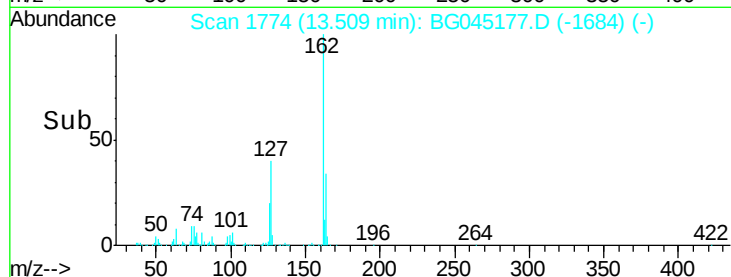
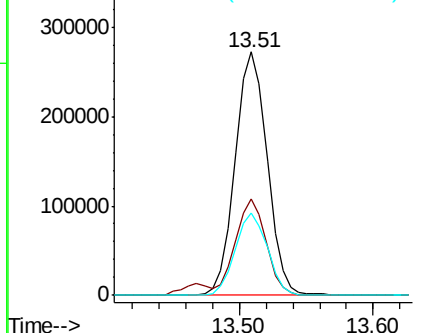


Abundance

Ion 162.00 (161.70 to 162.70): E

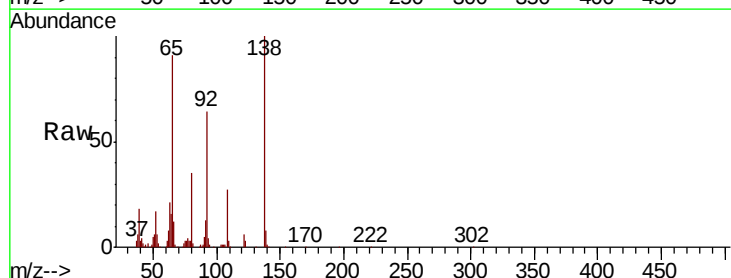
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.497 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151835		
92	70.7		58.3	87.5
138	110.2		85.6	128.4

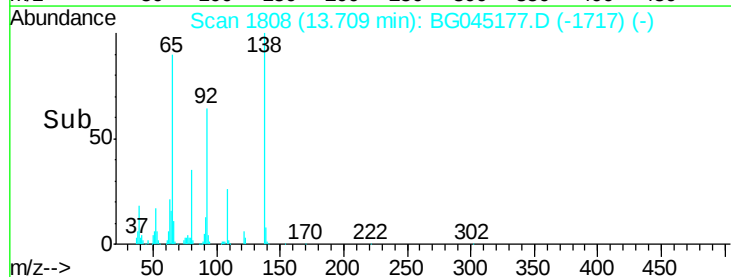
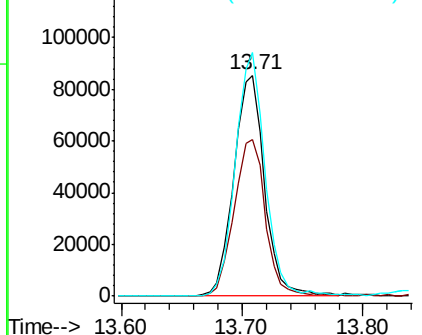


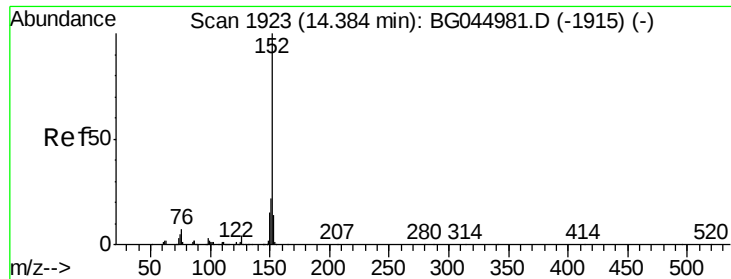
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#49

Acenaphthylene

Concen: 44.266 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

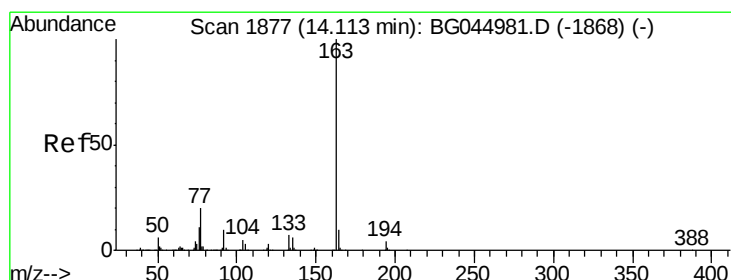
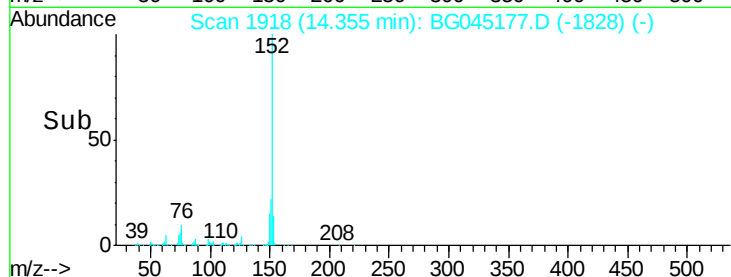
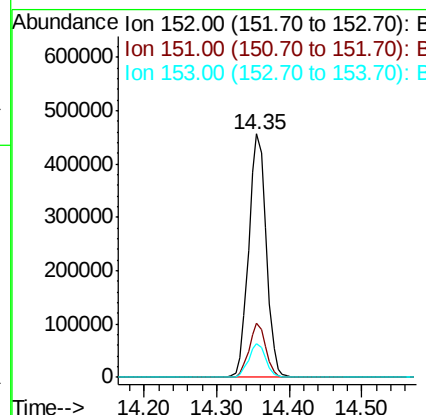
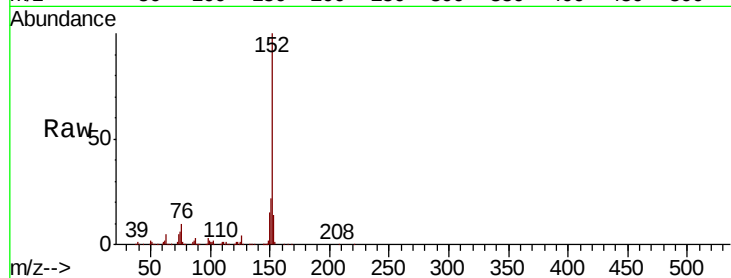
ClientSampleId :

PB128472BS

Tot Ion:	152	Resp:	764975
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.2	25.8
153	14.0	11.0	16.4

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#50

Dimethylphthalate

Concen: 44.509 ng

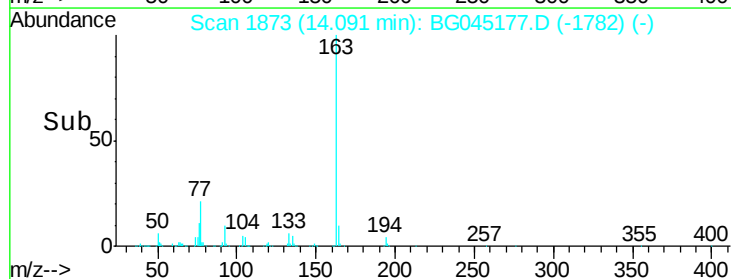
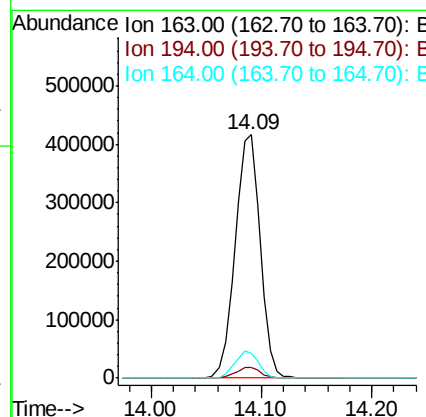
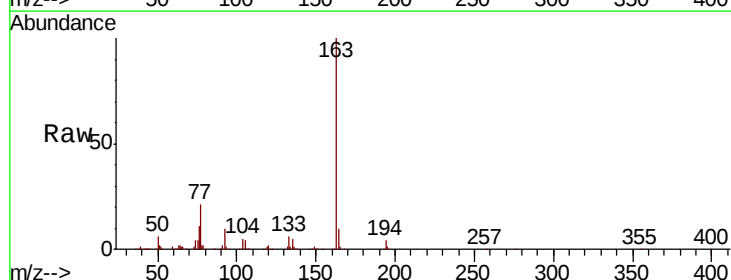
RT: 14.09 min Scan# 1873

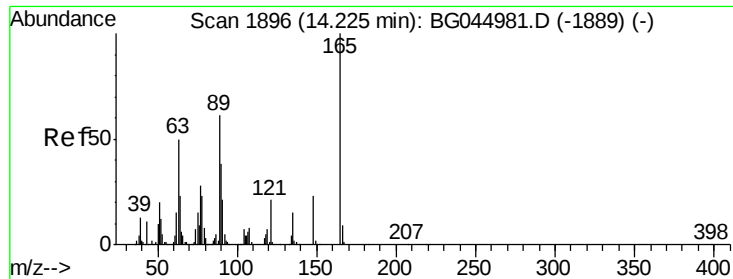
Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	163	Resp:	662048
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.4	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 44.797 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

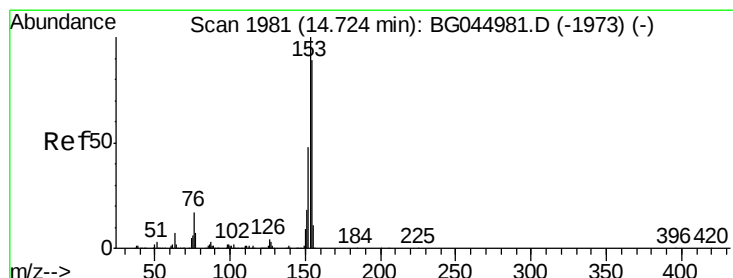
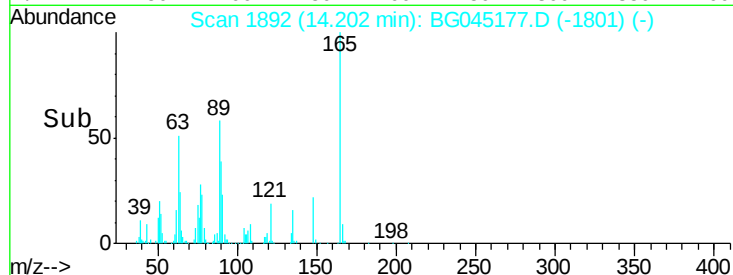
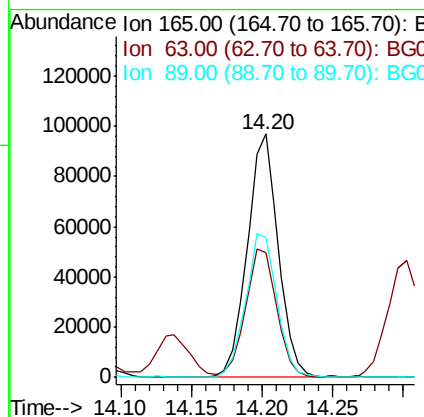
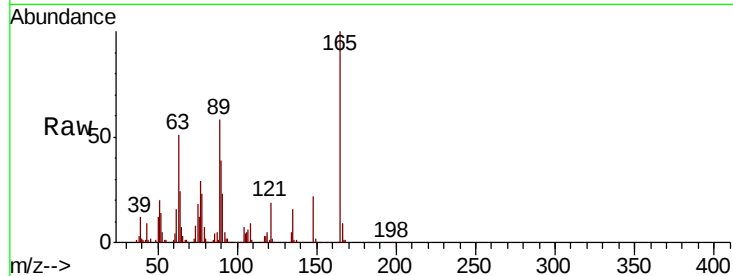
ClientSampleId :

PB128472BS

Tot Ion:	165	Resp:	149039
Ion Ratio	Lower	Upper	
165	100		
63	51.1	40.4	60.6
89	57.6	49.1	73.7

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#52

Acenaphthene

Concen: 49.410 ng m

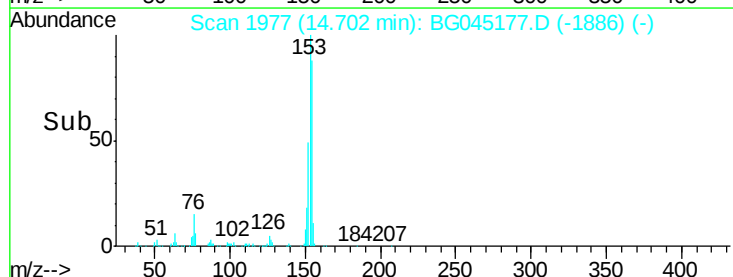
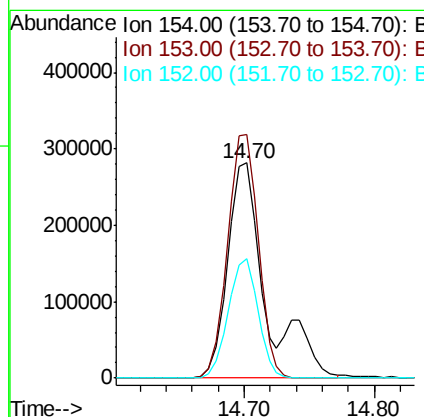
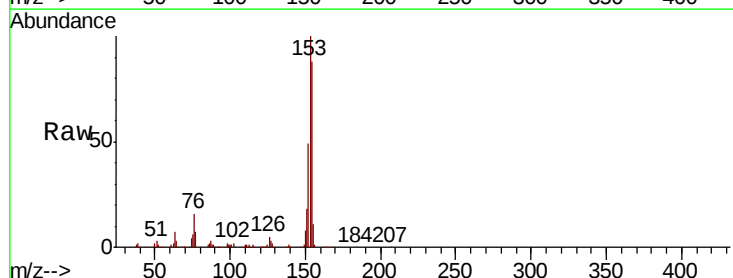
RT: 14.70 min Scan# 1977

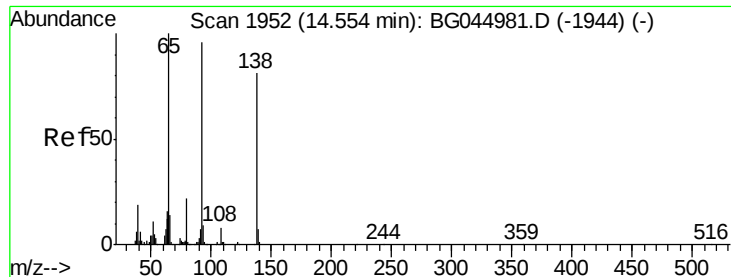
Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	154	Resp:	577719
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.7	134.5
152	55.5	43.1	64.7





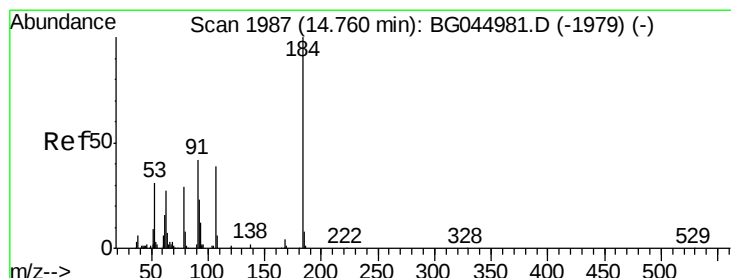
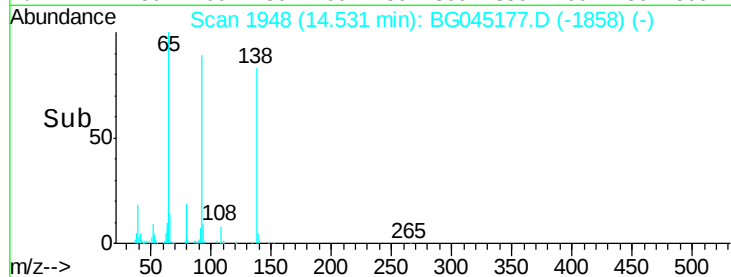
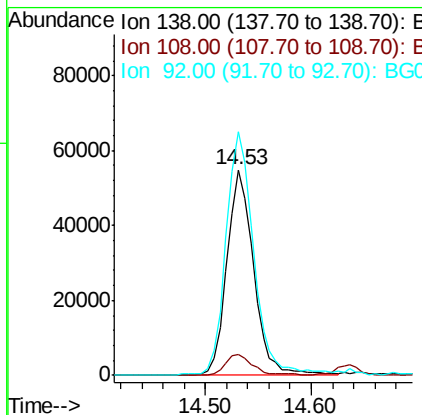
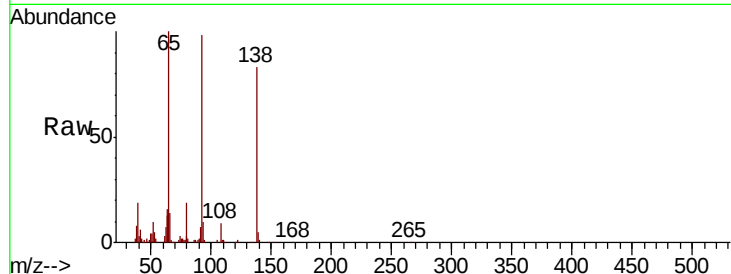
#53
 3-Nitroaniline
 Concen: 26.430 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	118.5	94.5	141.7

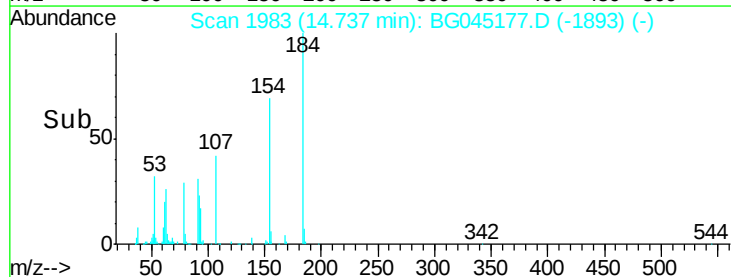
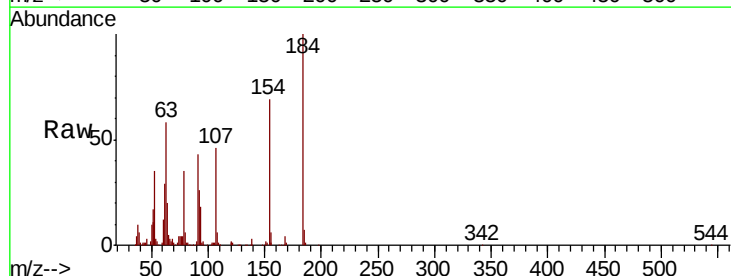
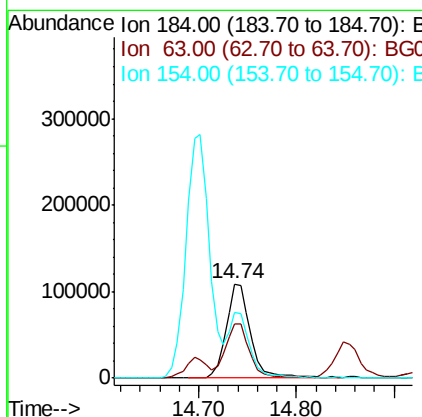
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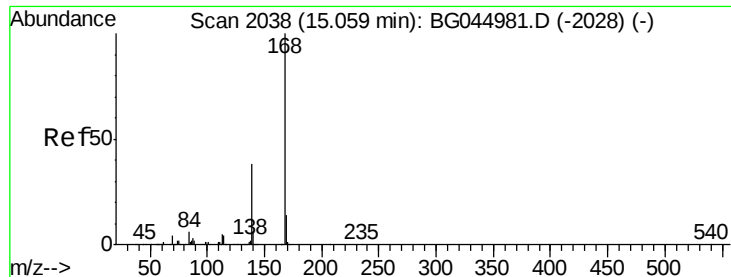
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#54
 2,4-Dinitrophenol
 Concen: 94.209 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	41.5	62.3
154	69.2	52.3	78.5





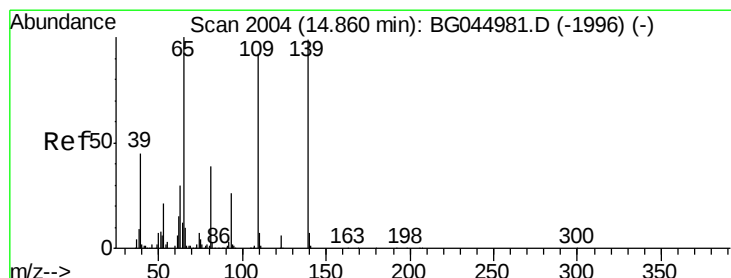
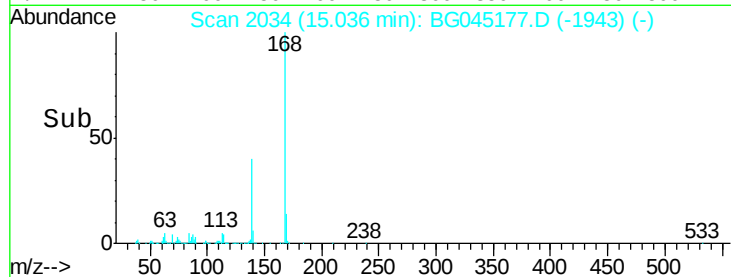
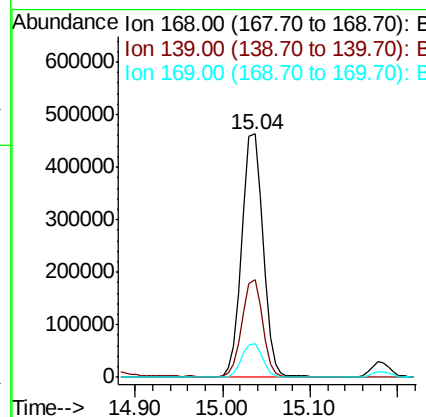
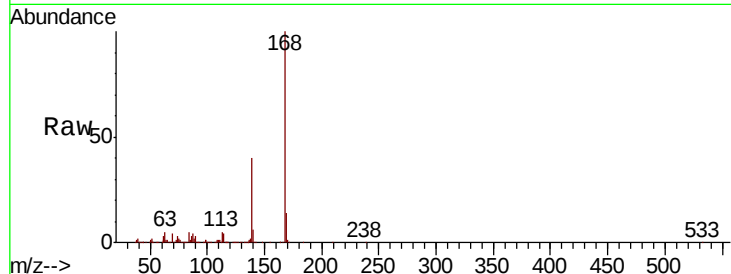
#55
Dibenzenofuran
Concen: 44.358 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.4	45.6
169	14.1	11.0	16.4

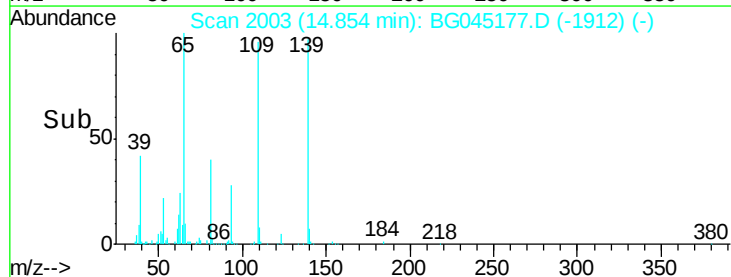
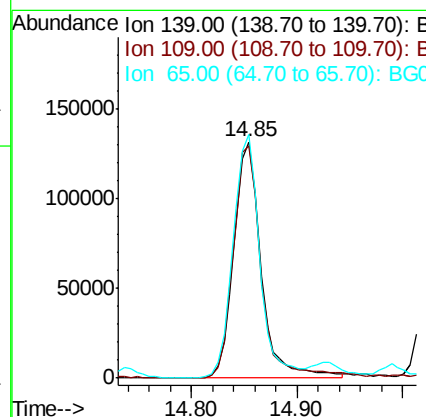
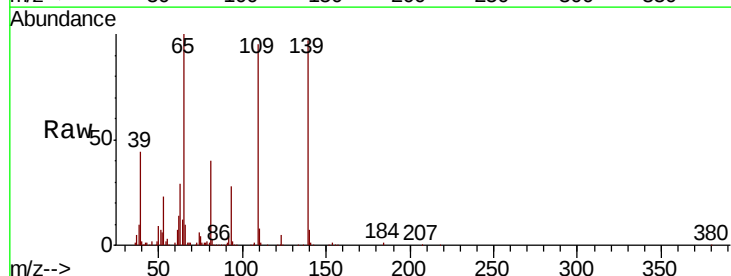
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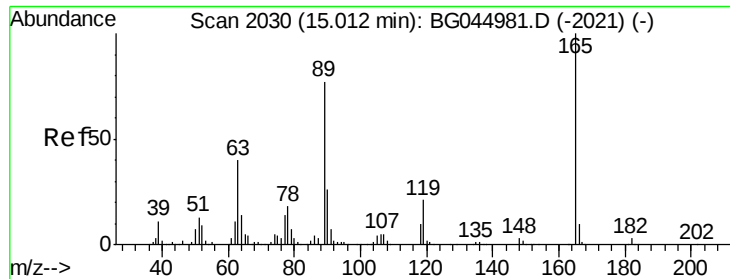
mohammad
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#56
4-Nitrophenol
Concen: 83.332 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.2	73.6	113.6
65	103.1	81.2	121.2





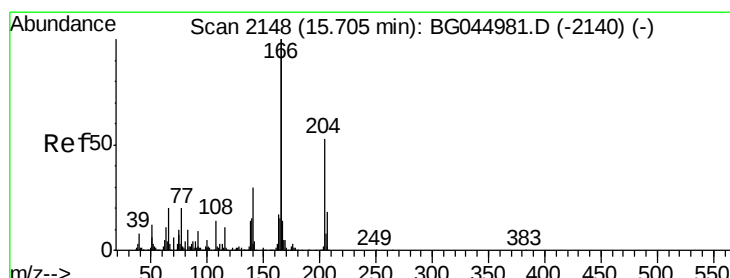
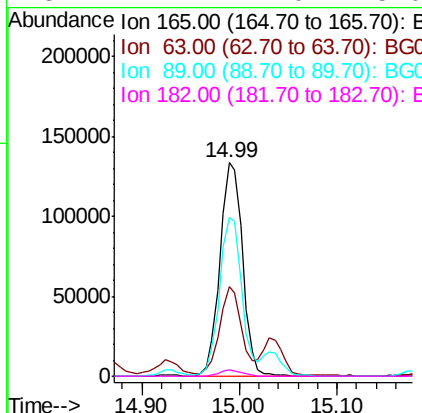
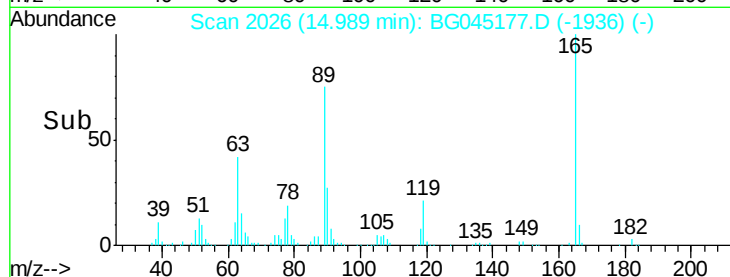
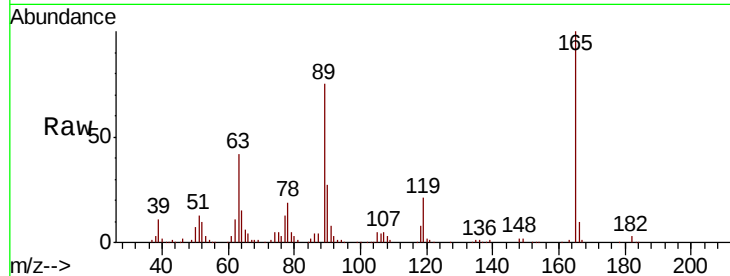
#57
2,4-Dinitrotoluene
Concen: 43.980 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		213834		
63	41.7	32.2	48.2		
89	74.6	61.7	92.5		
182	2.7	2.0	3.0		

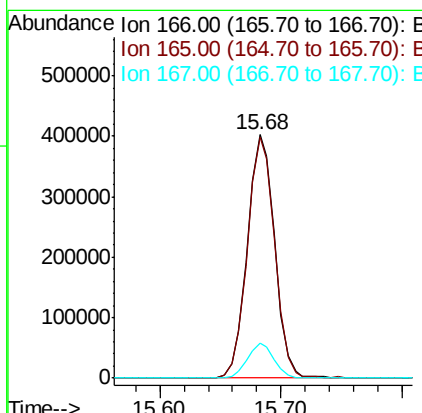
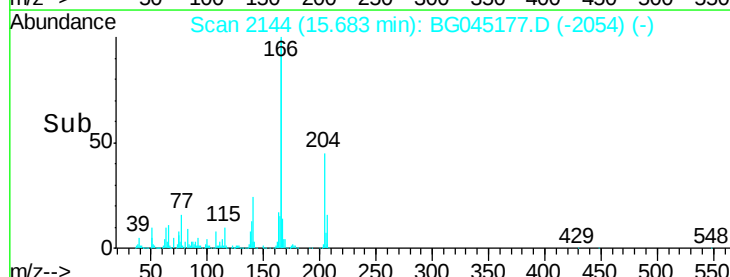
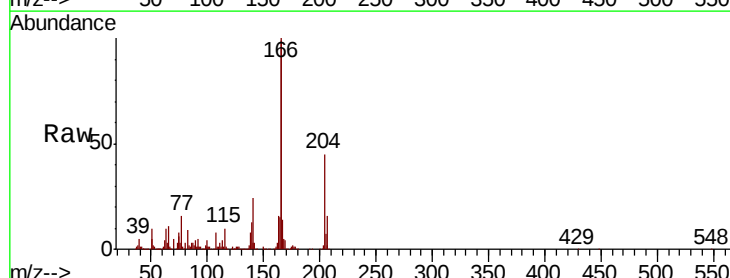
Manual Integrations
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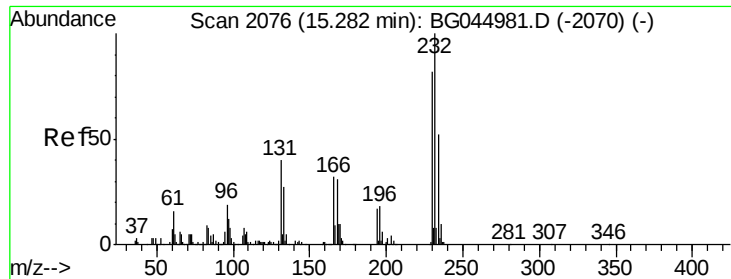
mohammad
4/28/2020 11:08:00 PM



#58
Fluorene
Concen: 45.607 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		635030		
165	99.1	79.9	119.9		
167	14.2	11.4	17.0		





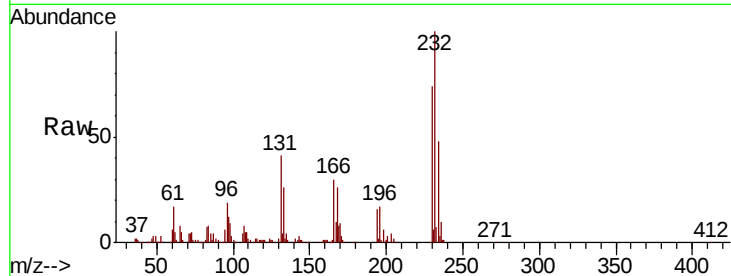
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.914 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	205651		
131	39.7		32.2	48.2
130	2.5		2.2	3.2
166	28.8		24.2	36.4

Manual Integrations
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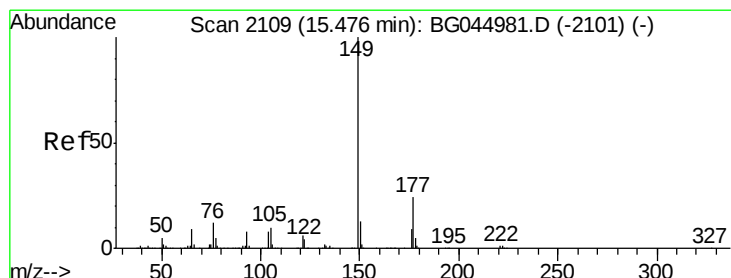
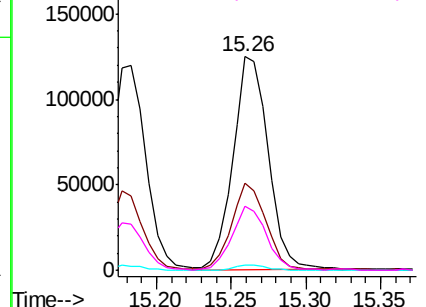
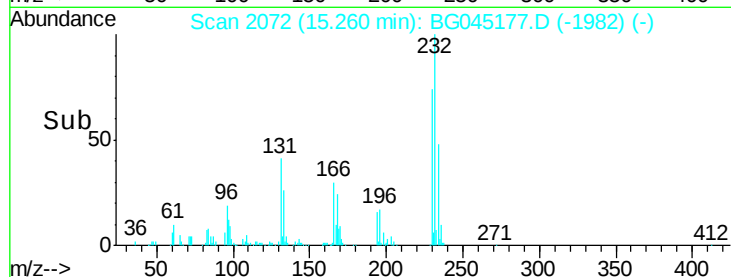
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

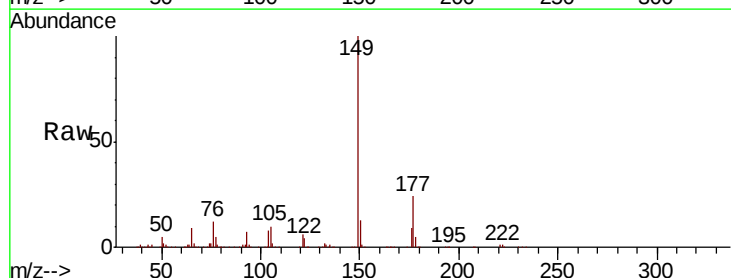
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.539 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690718		
177	23.9		18.9	28.3
150	13.2		10.6	15.8

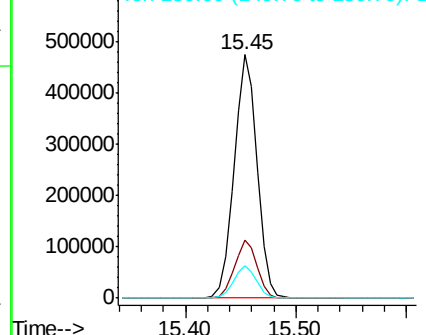
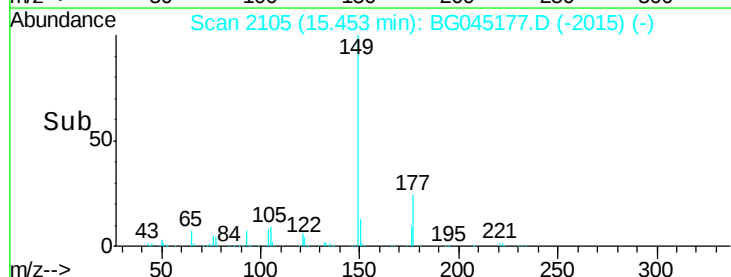


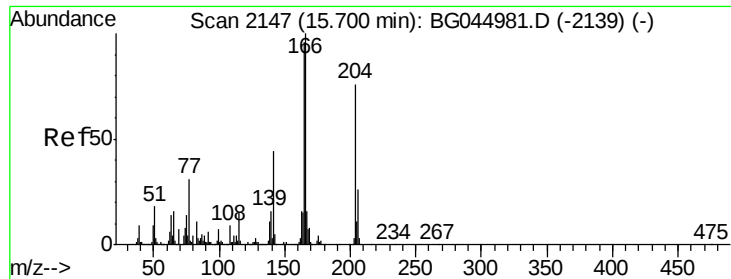
Abundance

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





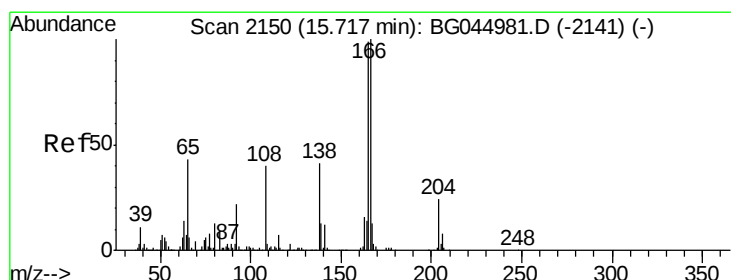
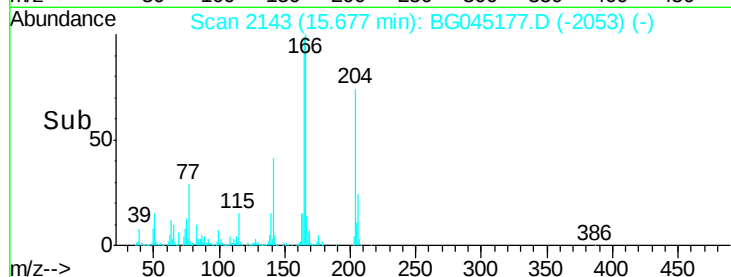
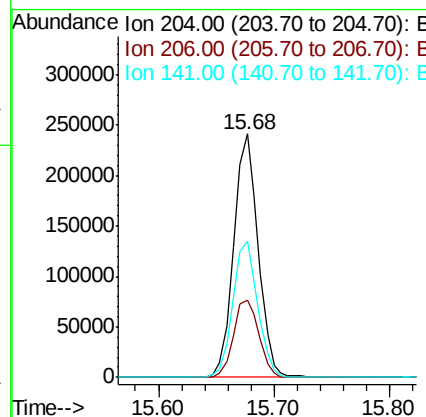
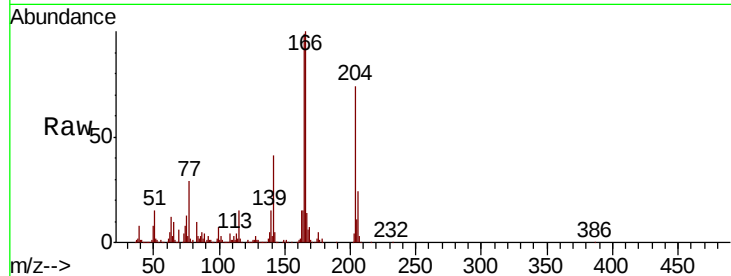
#61
4-Chlorophenyl-phenylether
Concen: 43.847 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.9	40.3
141	55.7	46.3	69.5

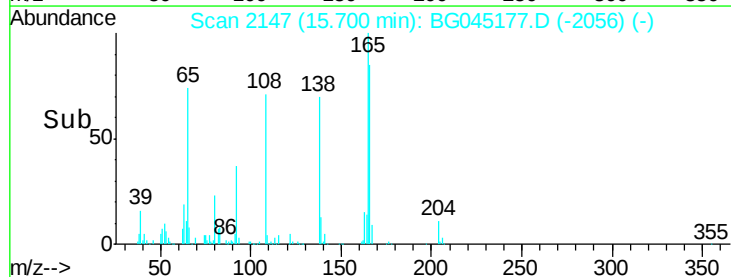
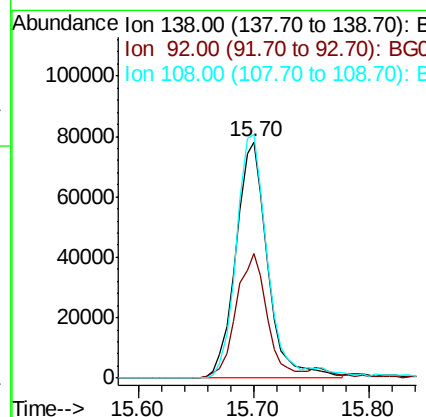
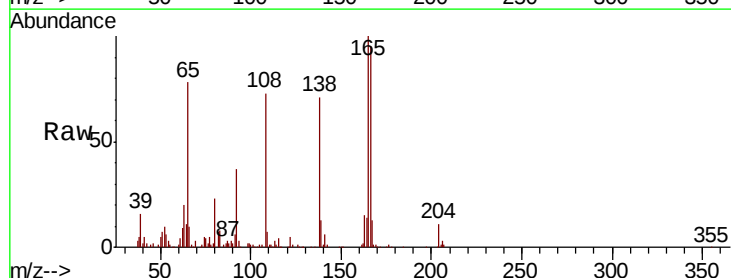
Manual Integrations
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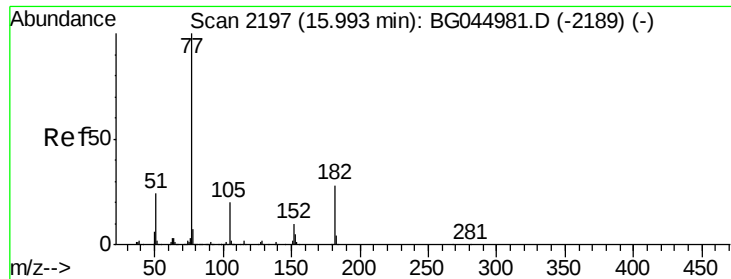
mohammad
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#62
4-Nitroaniline
Concen: 39.280 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	33.6	73.6
108	102.9	78.2	118.2





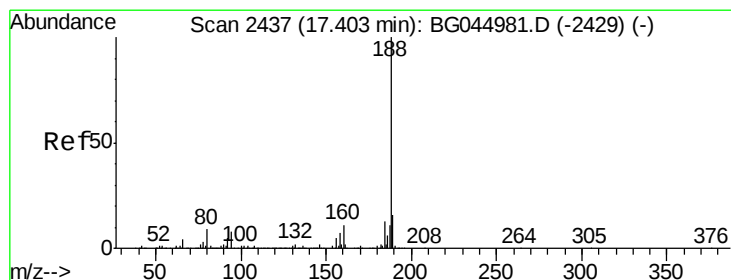
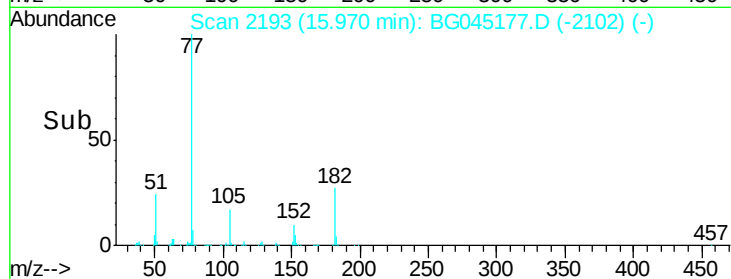
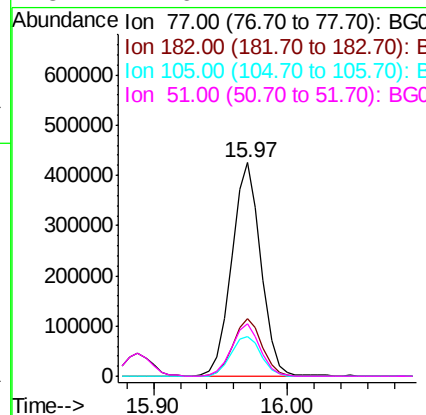
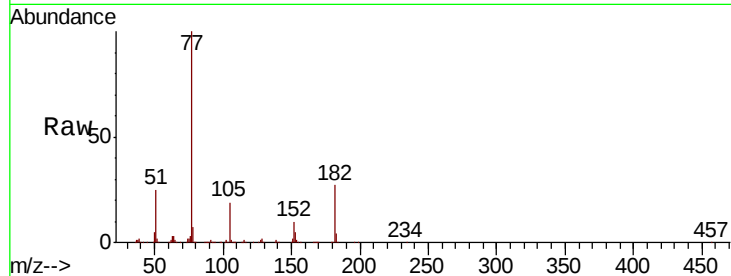
#63
Azobenzene
Concen: 45.195 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		646204		
182	27.1	8.4	48.4		
105	18.8	0.5	40.5		
51	24.6	4.4	44.4		

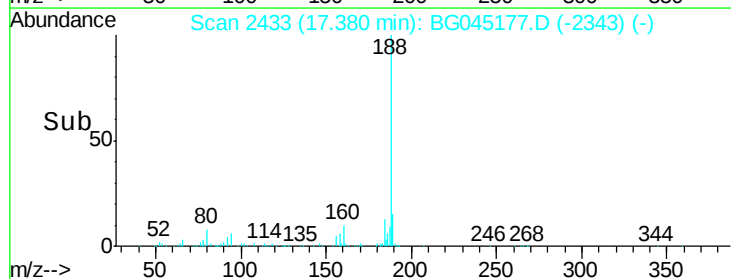
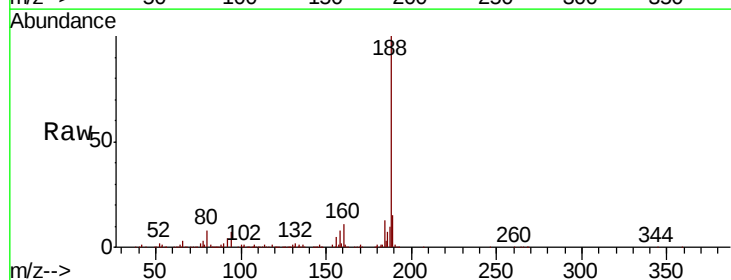
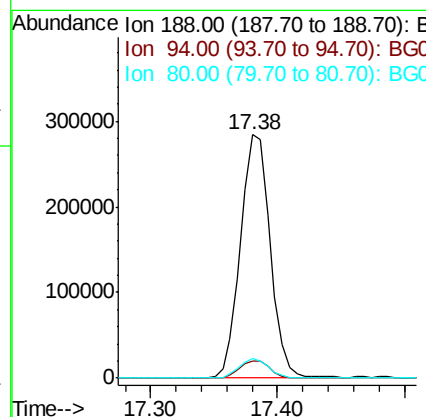
Manual Integrations
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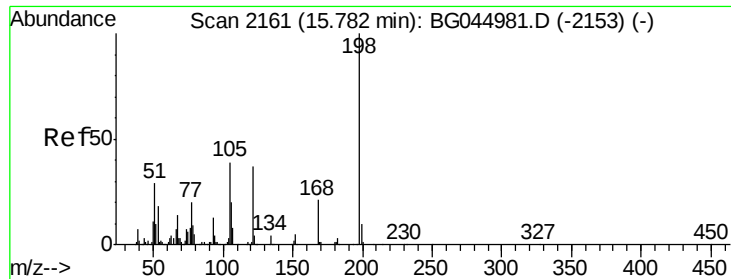
mohammad
4/28/2020 11:08:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		461766		
94	7.2	6.2	9.4		
80	8.1	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.517 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

Tot Ion:198 Resp: 141188

Ion Ratio Lower Upper

198 100

51 33.2 10.0 50.0

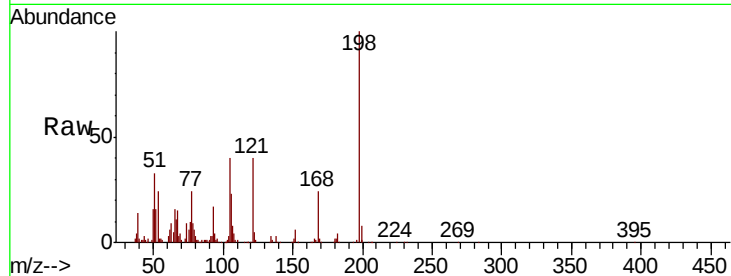
105 39.5 18.9 58.9

Manual Integrations

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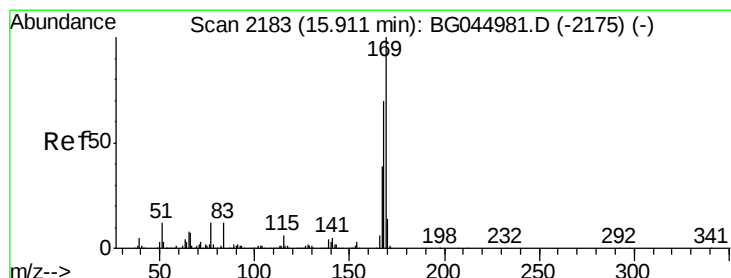
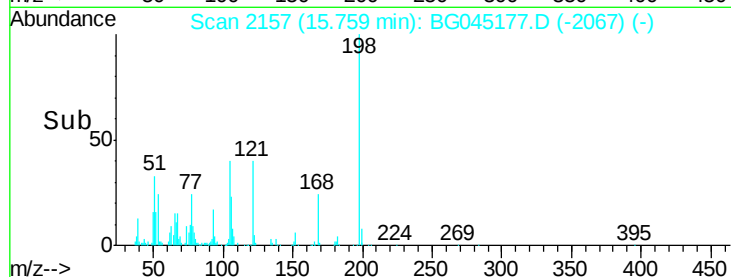
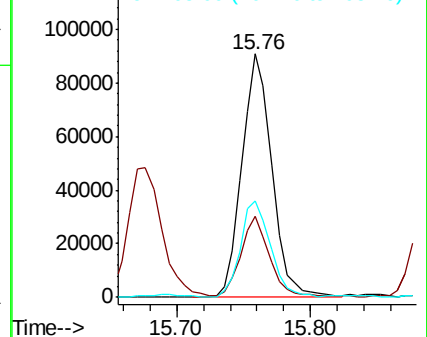
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.337 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

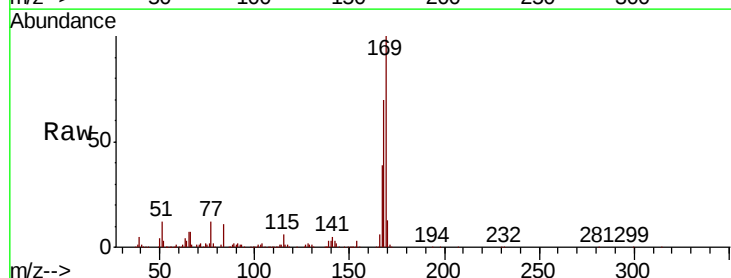
Tgt Ion:169 Resp: 574972

Ion Ratio Lower Upper

169 100

168 70.3 55.8 83.8

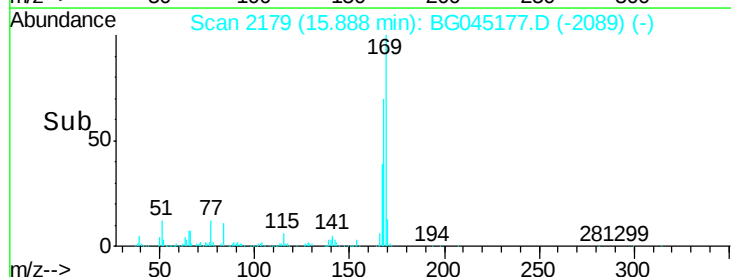
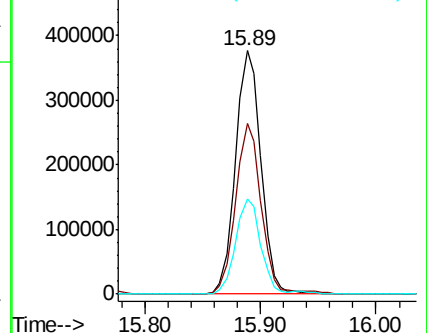
167 39.1 30.8 46.2

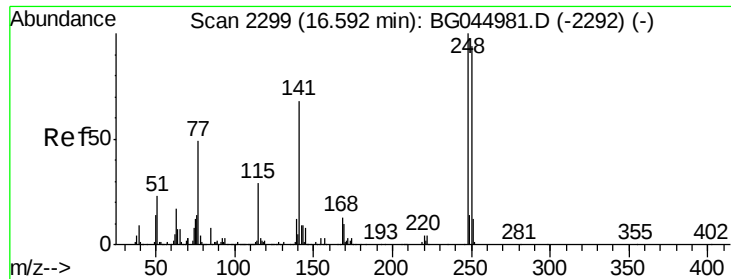


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





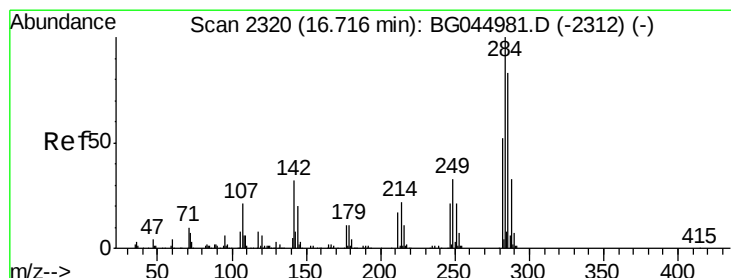
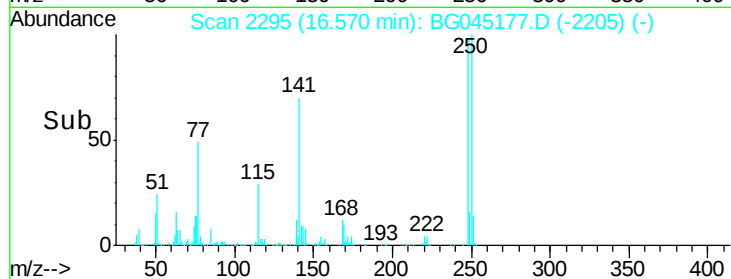
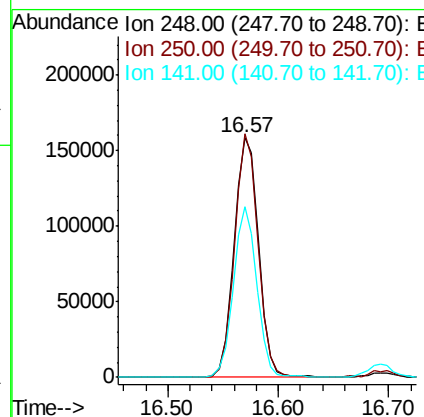
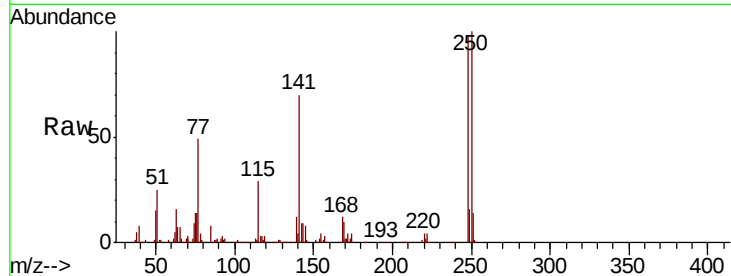
#67
4-Bromophenyl-phenylether
Concen: 41.384 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.8	75.4	113.2
141	71.5	54.4	81.6

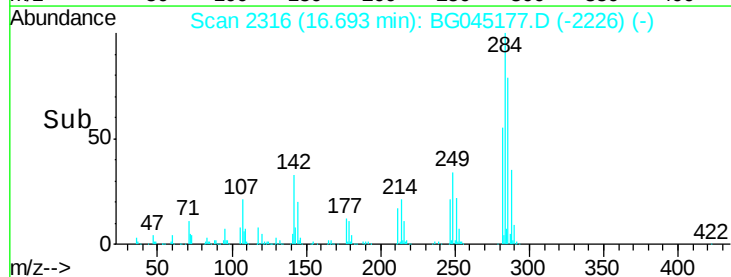
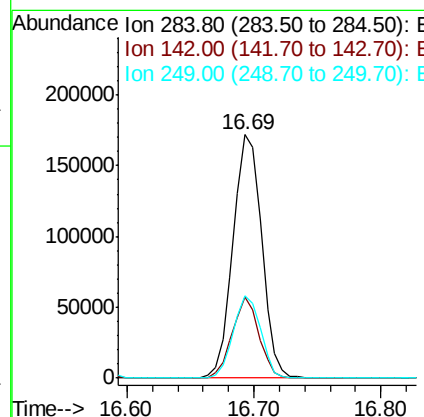
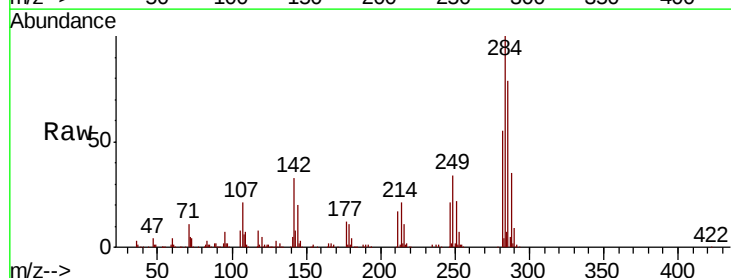
Manual Integrations
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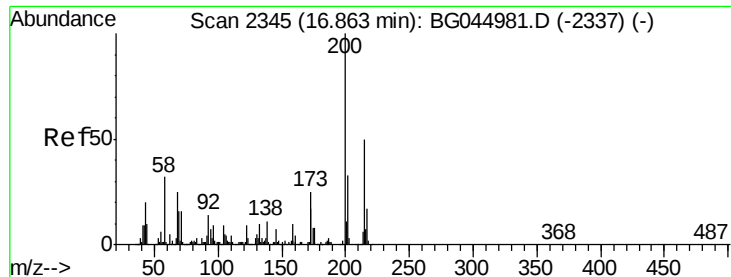
mohammad
4/28/2020 11:08:00 PM



#68
Hexachlorobenzene
Concen: 43.474 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.8	38.6
249	34.0	26.6	39.8





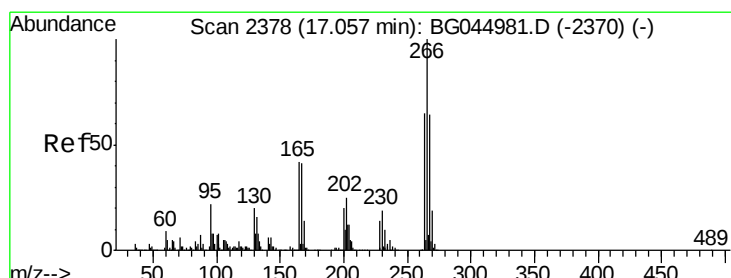
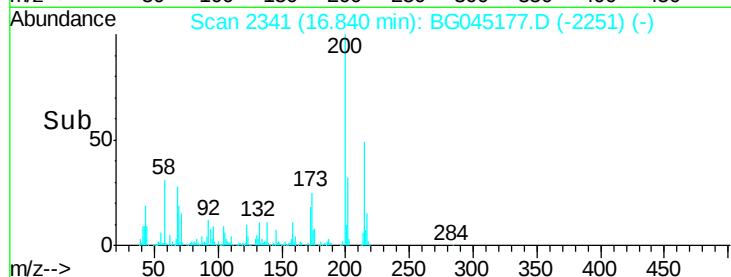
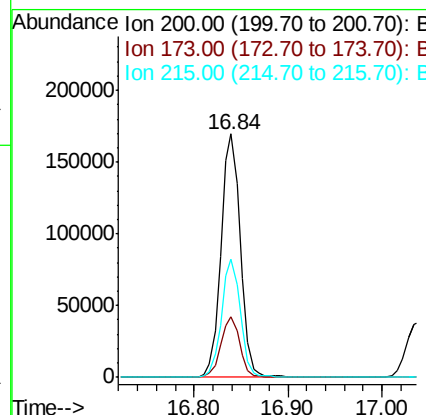
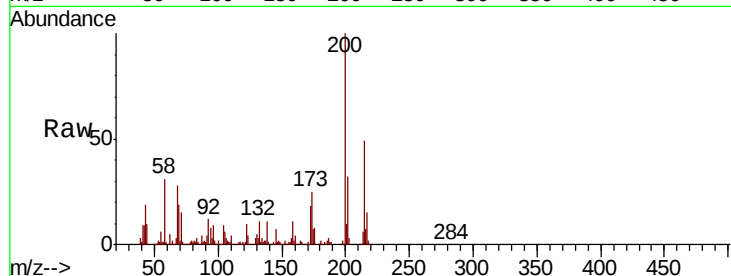
#69
 Atrazine
 Concen: 51.175 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.5	44.5
215	48.8	30.0	70.0

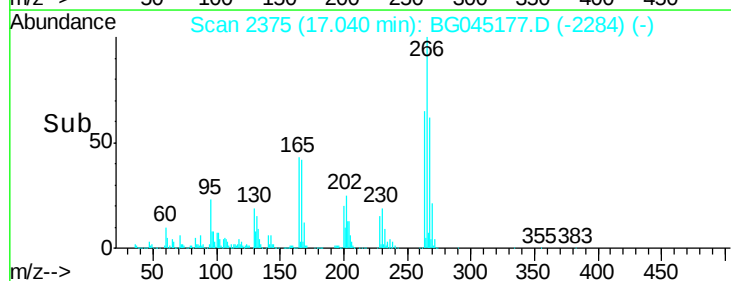
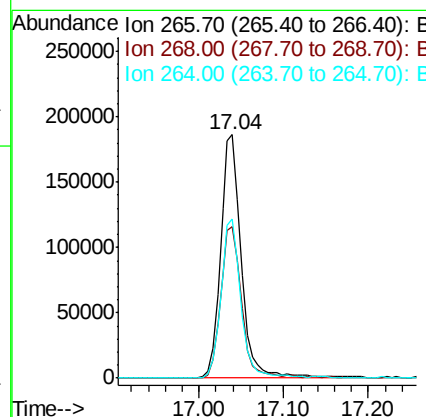
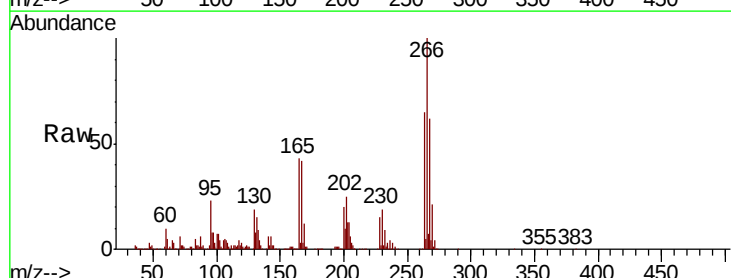
Manual Integrations
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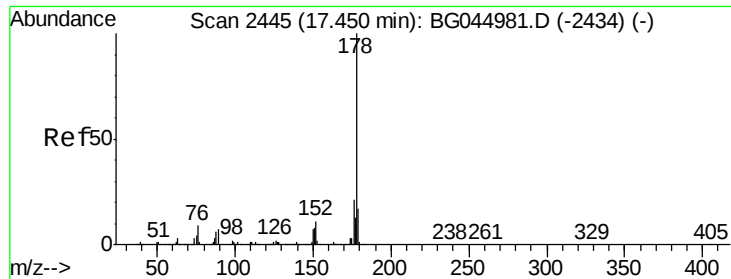
mohammad
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#70
 Pentachlorophenol
 Concen: 84.425 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.5	77.3
264	65.1	52.2	78.4





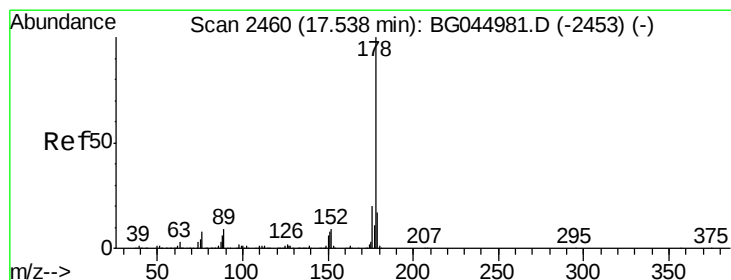
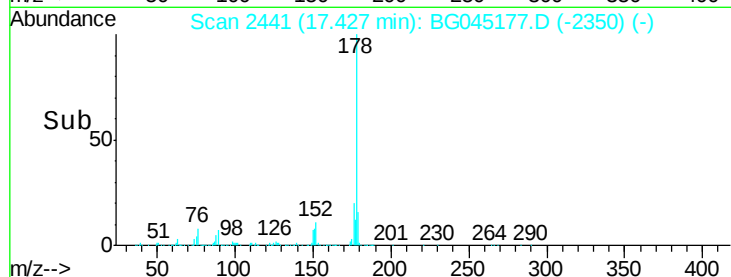
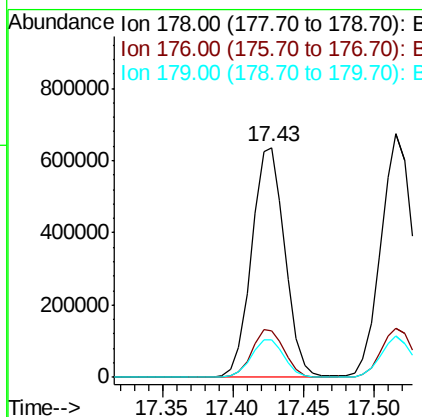
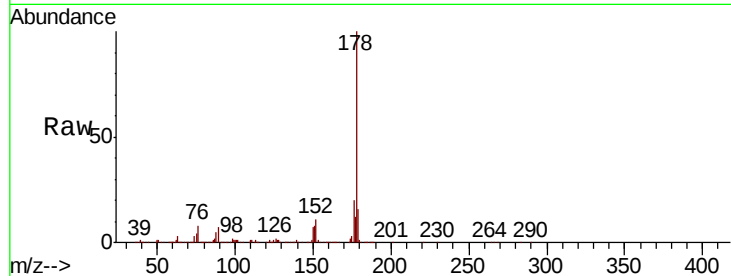
#71
Phenanthrene
Concen: 44.386 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion:178 Resp: 1053232
Ion Ratio Lower Upper
178 100
176 20.3 16.8 25.2
179 16.2 13.2 19.8

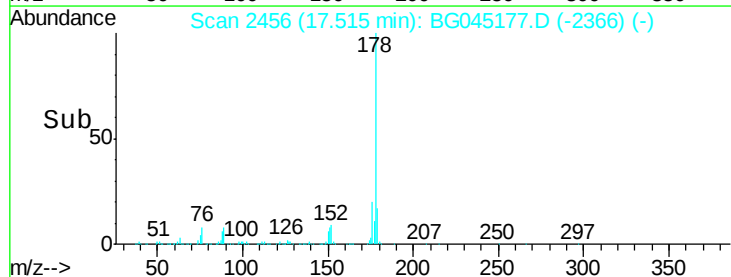
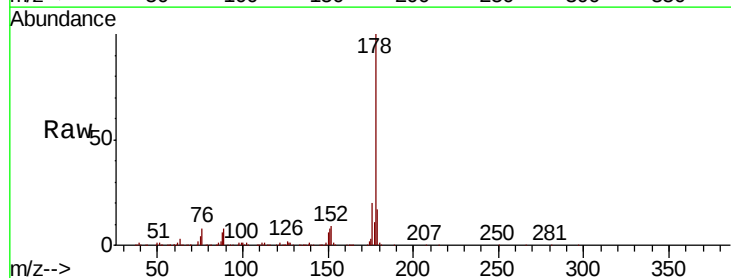
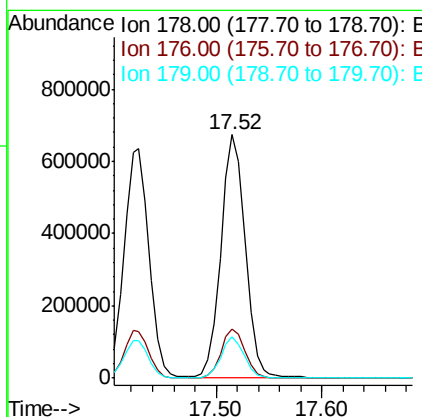
Manual Integrations
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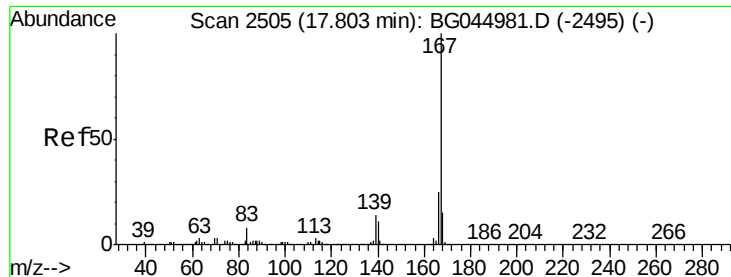
mohammad
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#72
Anthracene
Concen: 45.226 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion:178 Resp: 1076497
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.8 13.6 20.4





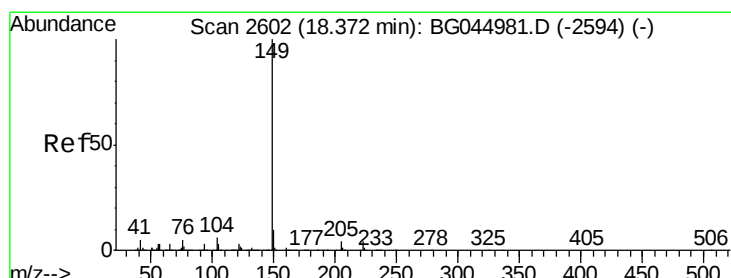
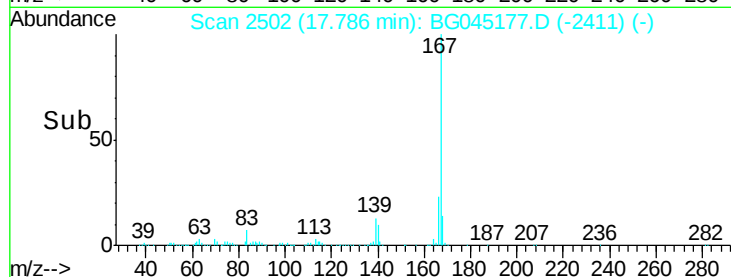
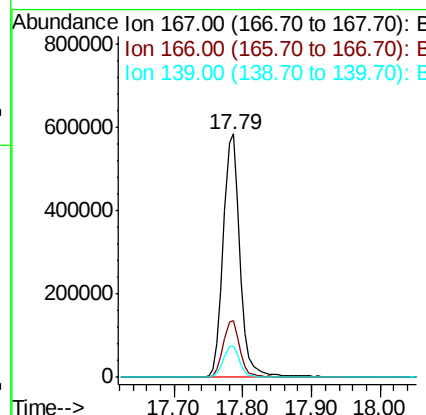
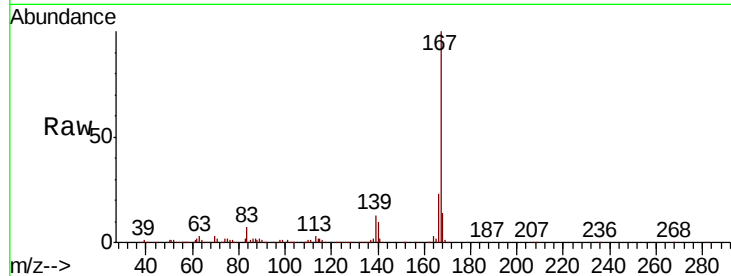
#73
 Carbazole
 Concen: 40.990 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.8	29.6
139	12.9	10.9	16.3

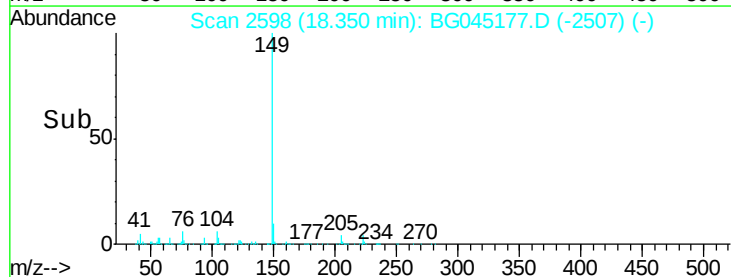
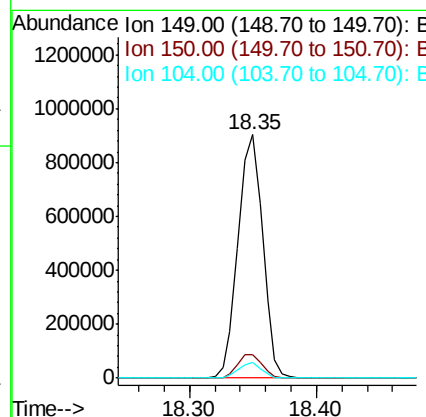
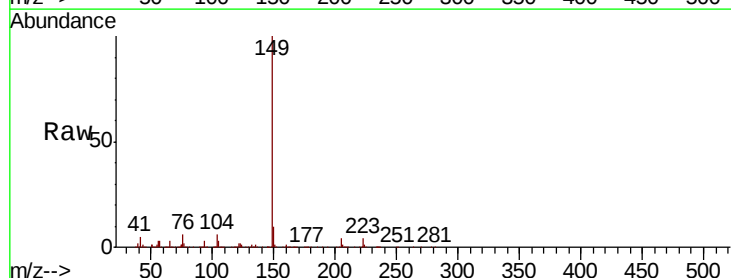
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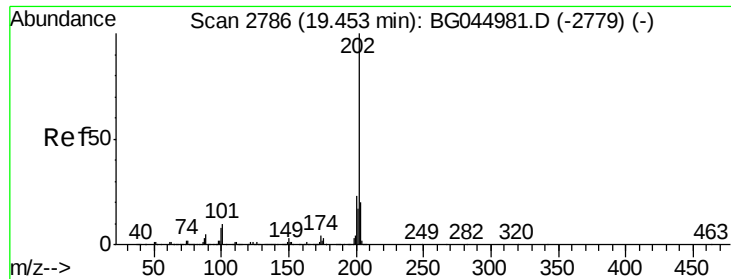
mohammad
 4/28/2020 11:08:00 PM



#74
 Di-n-butylphthalate
 Concen: 46.393 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 47.213 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

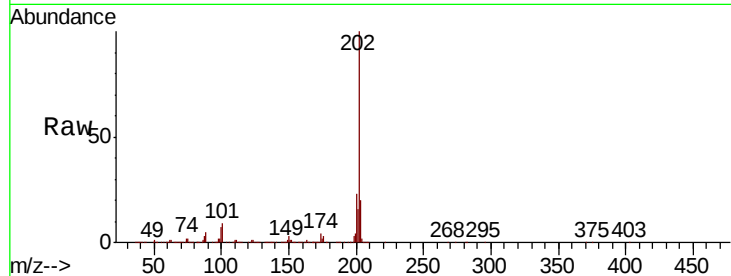
ClientSampleId :

PB128472BS

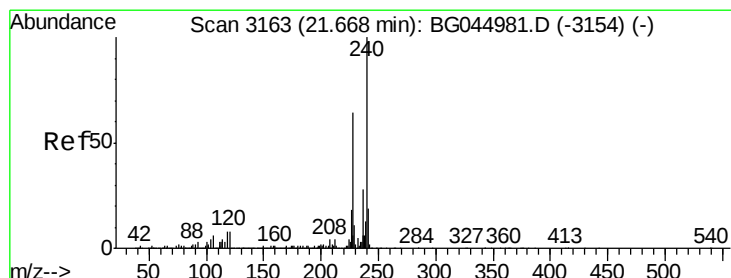
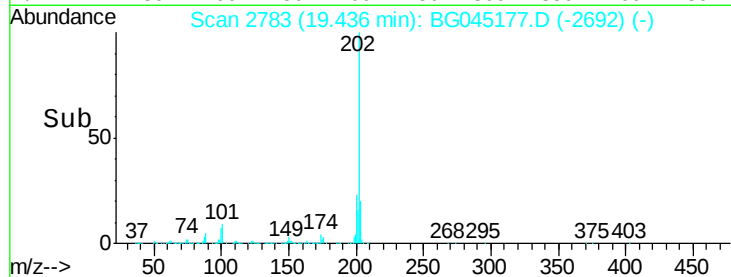
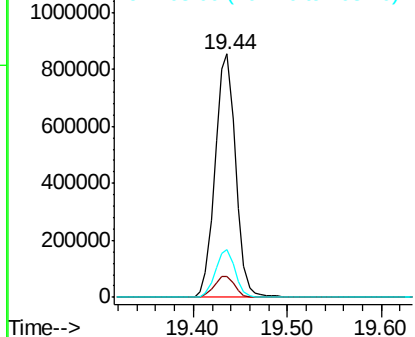
Tot Ion:	202	Resp:	1308327
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.6
203	19.5	0.0	39.7

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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

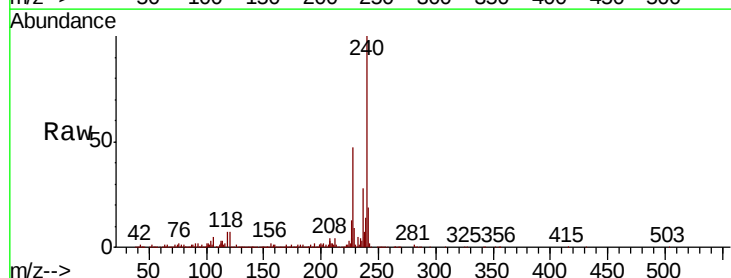
RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

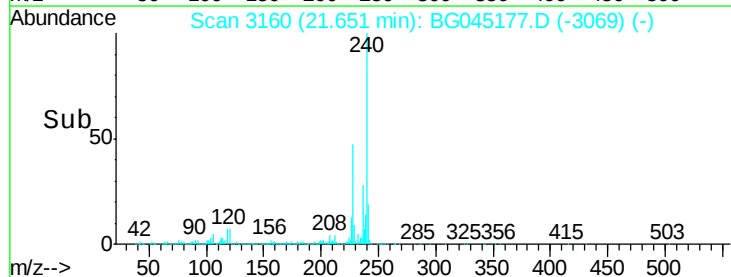
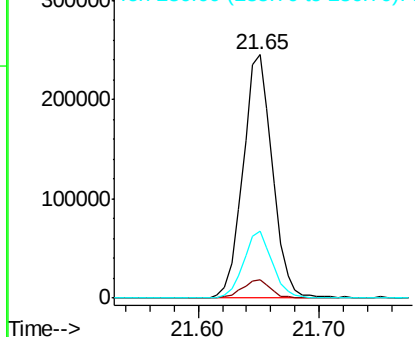
Lab File: BG045177.D

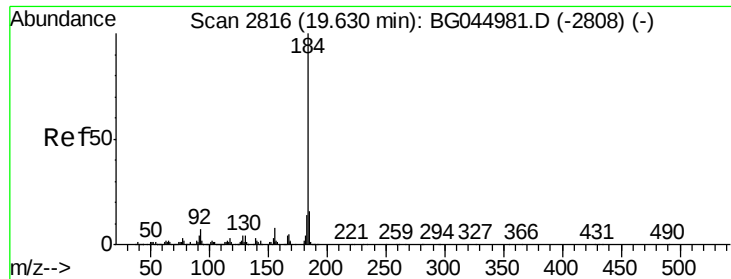
Acq: 27 Apr 2020 13:56

Tgt Ion:	240	Resp:	417363
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.6	10.0
236	27.7	22.2	33.2



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: 52.899 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

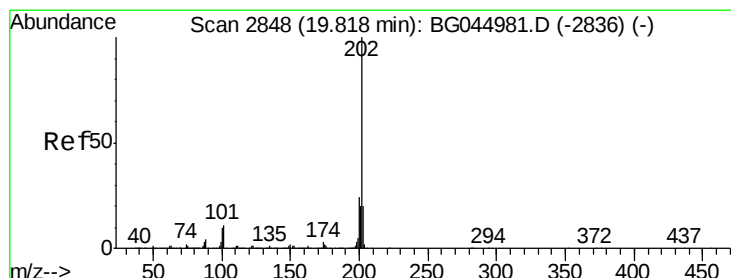
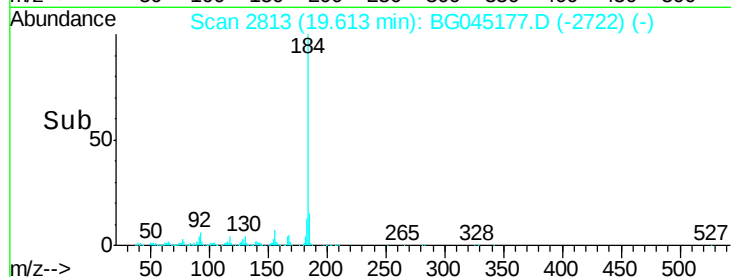
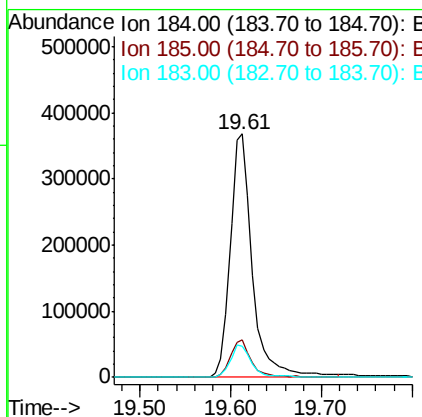
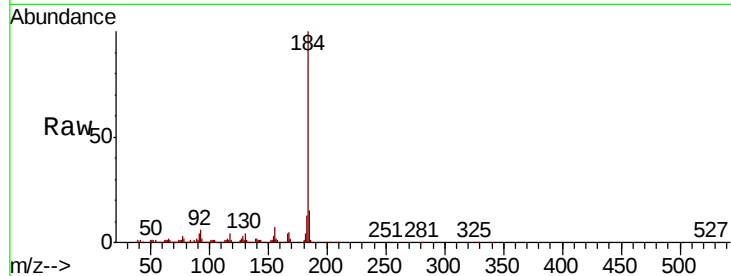
ClientSampleId :

PB128472BS

Tot Ion:	184	Resp:	626831
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	19.0
183	12.6	11.3	16.9

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#78

Pyrene

Concen: 44.962 ng

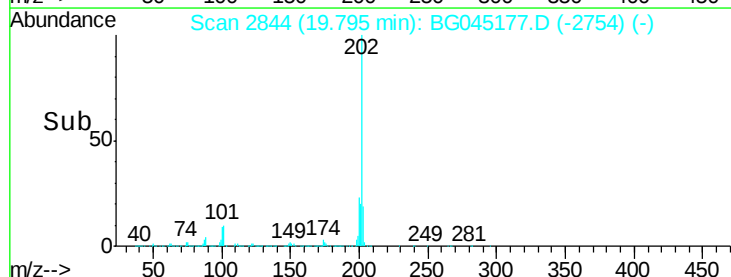
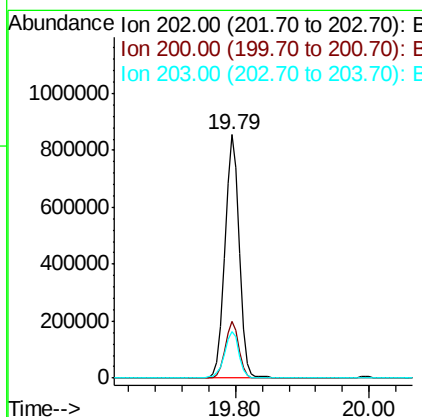
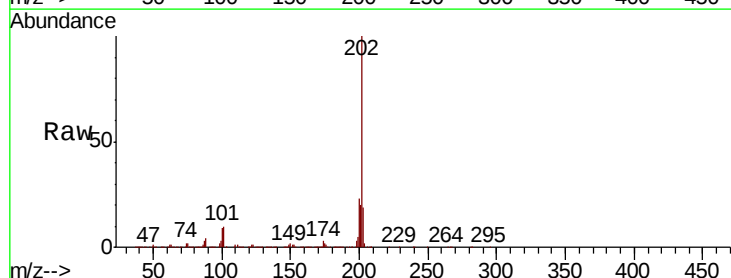
RT: 19.79 min Scan# 2844

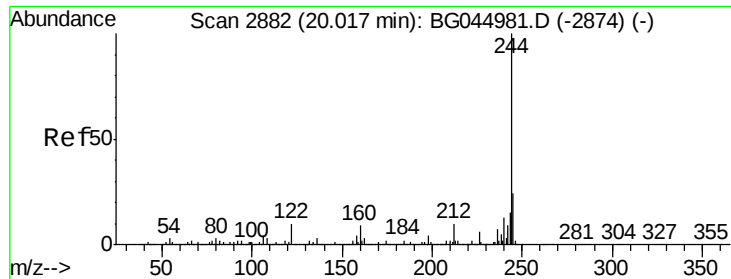
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:	202	Resp:	1293711
Ion Ratio	Lower	Upper	
202	100		
200	23.5	19.0	28.6
203	19.4	16.1	24.1





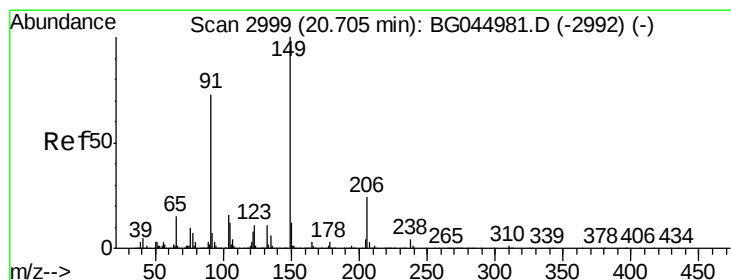
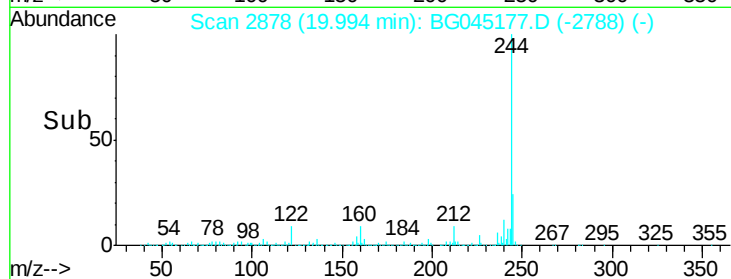
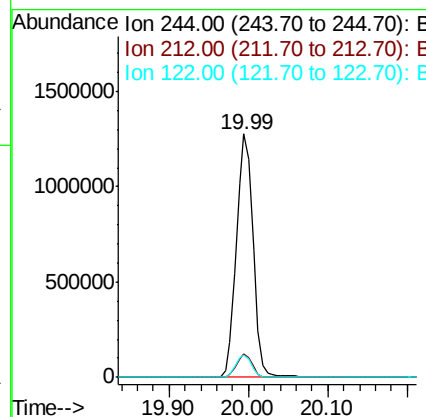
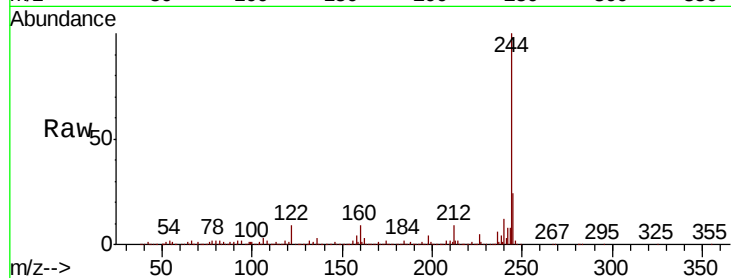
#79
 Terphenyl-d14
 Concen: 97.623 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	9.2	7.7	11.5

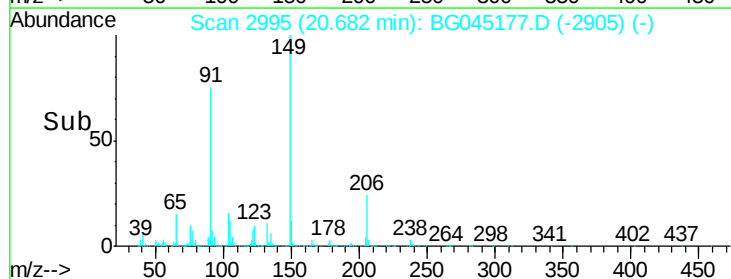
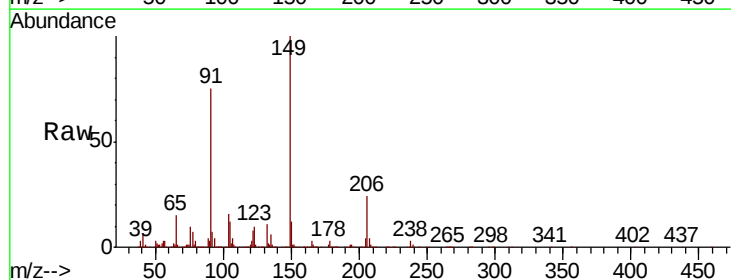
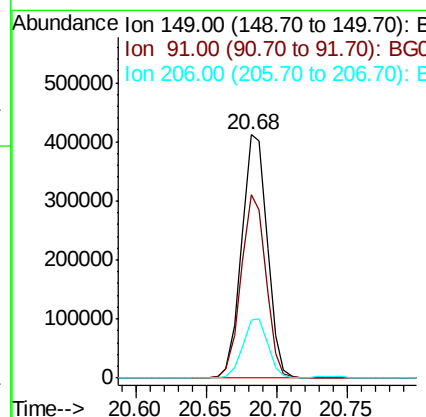
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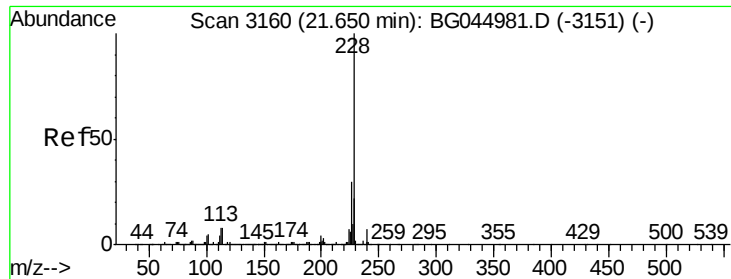
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.934 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	58.5	87.7
206	23.9	19.2	28.8





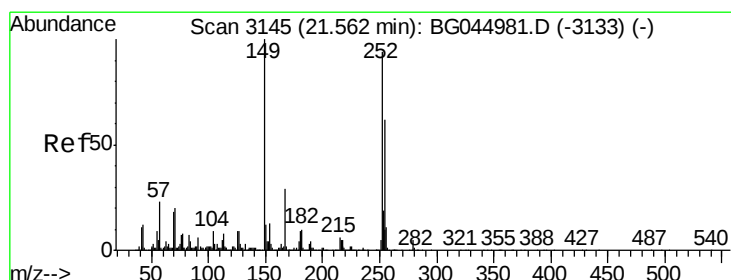
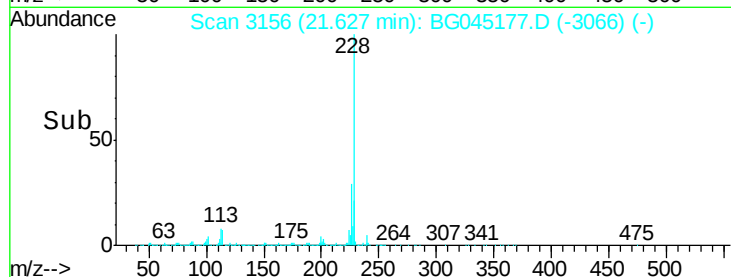
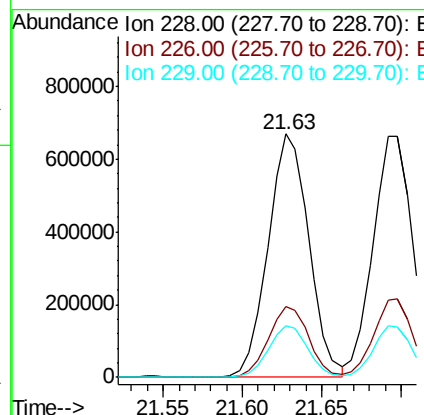
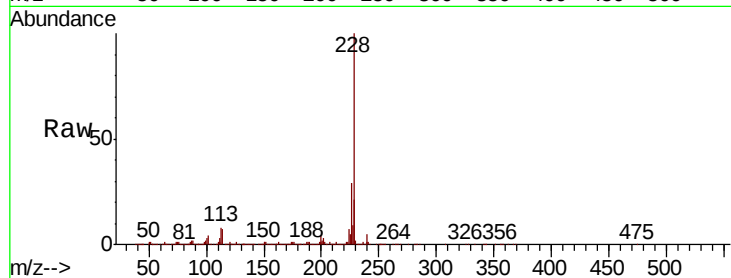
#81
Benzo(a)anthracene
Concen: 44.252 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.0	17.5	26.3

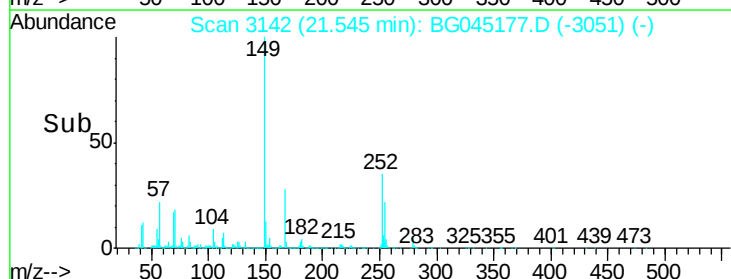
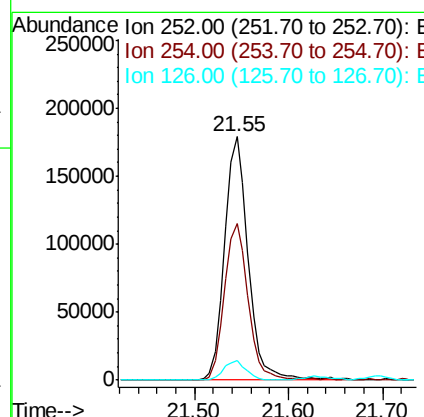
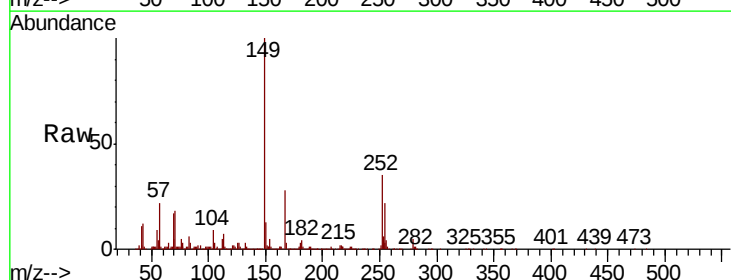
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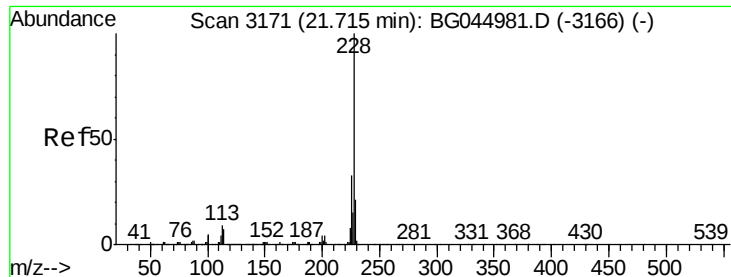
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.215 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	79.0
126	8.1	7.5	11.3





#83

Chrysene

Concen: 44.856 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

Tot Ion:228 Resp: 1165847

Ion Ratio Lower Upper

228 100

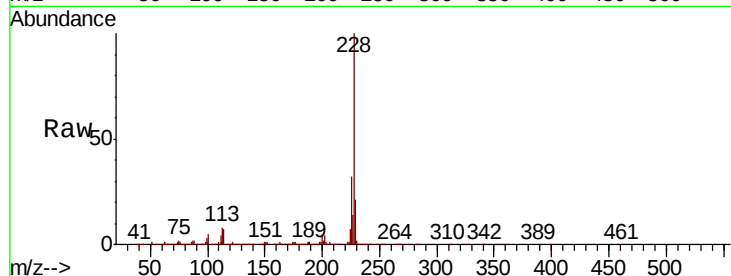
226 31.8 26.2 39.4

229 21.5 17.0 25.6

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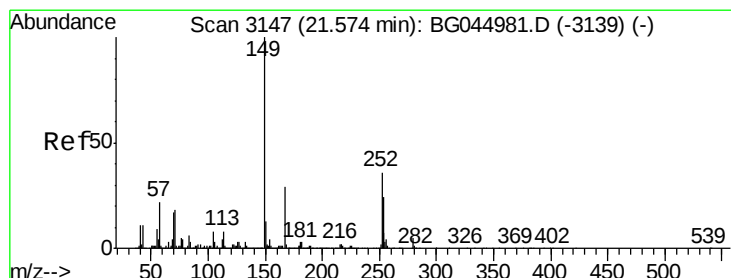
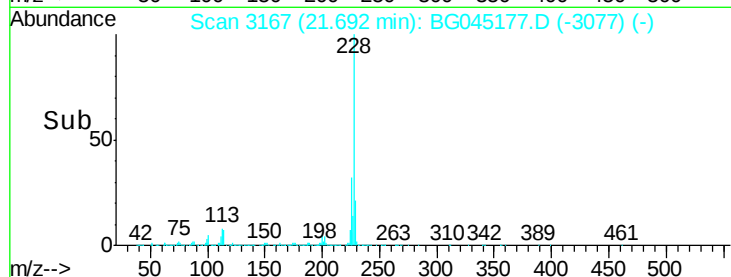
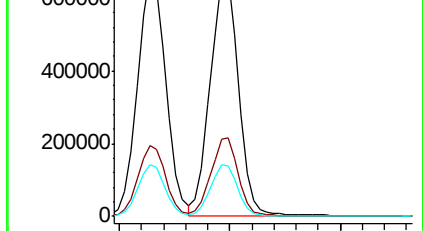


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.69



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.481 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

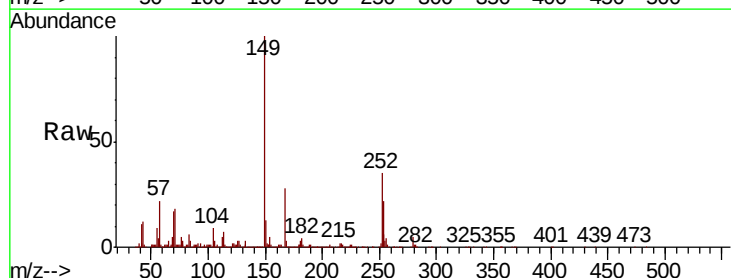
Tgt Ion:149 Resp: 729648

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

279 5.4 4.3 6.5

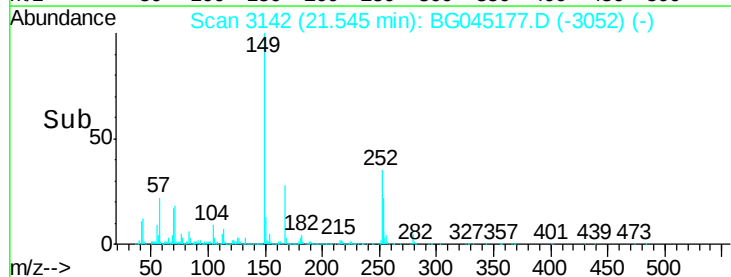
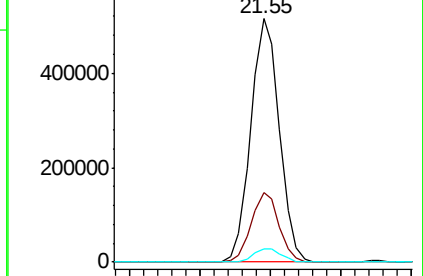


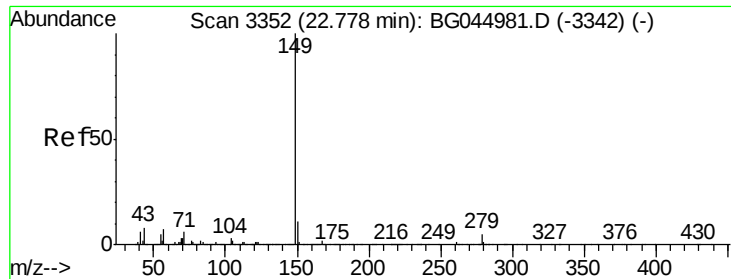
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.55





#85

Di-n-octyl phthalate

Concen: 43.754 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

Tot Ion:149 Resp: 1241109

Ion Ratio Lower Upper

149 100

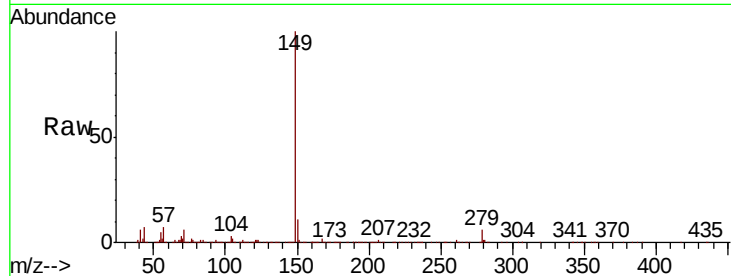
167 1.8 1.4 2.2

43 7.0 5.7 8.5

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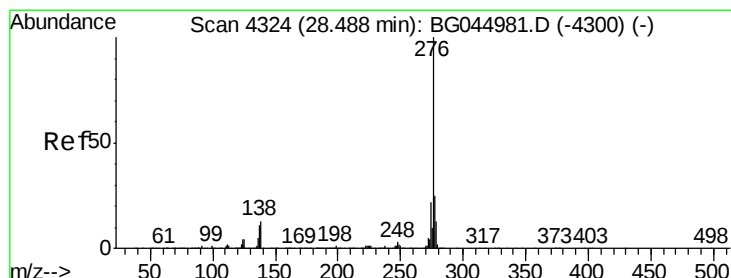
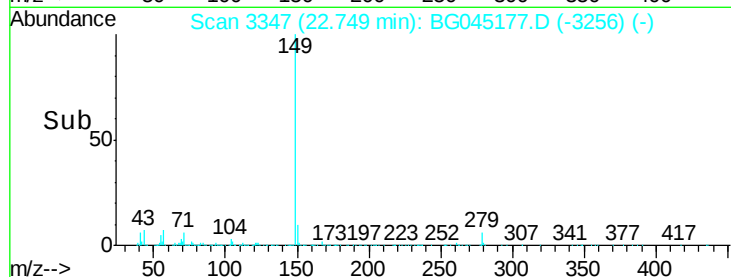
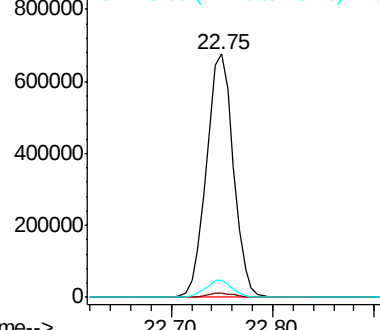
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.133 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

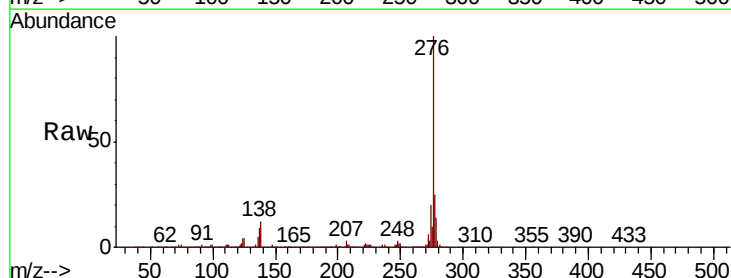
Tgt Ion:276 Resp: 1522957

Ion Ratio Lower Upper

276 100

138 7.0 9.6 14.4#

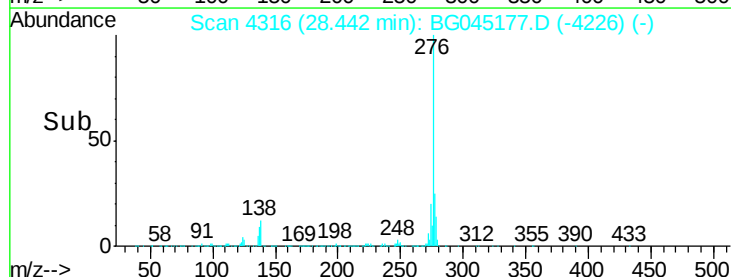
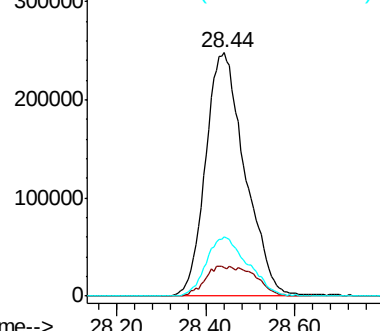
277 25.6 20.6 31.0

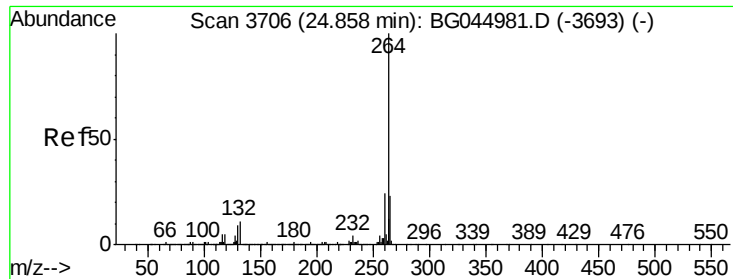


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





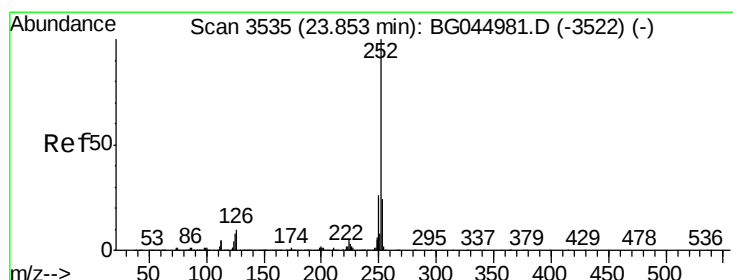
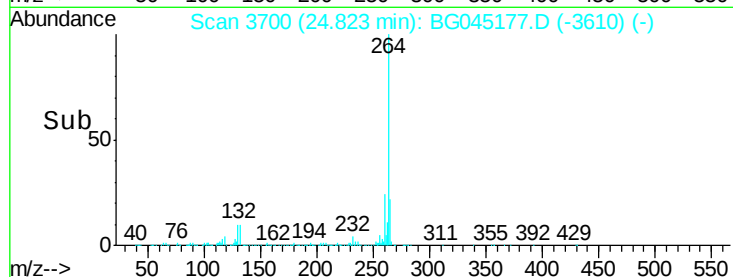
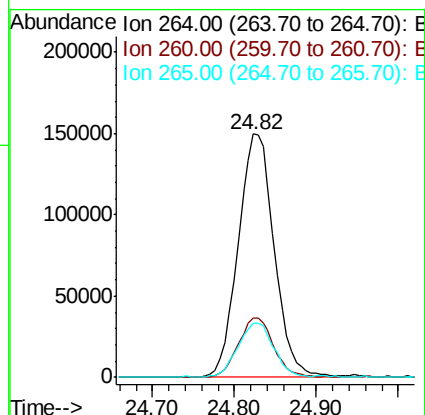
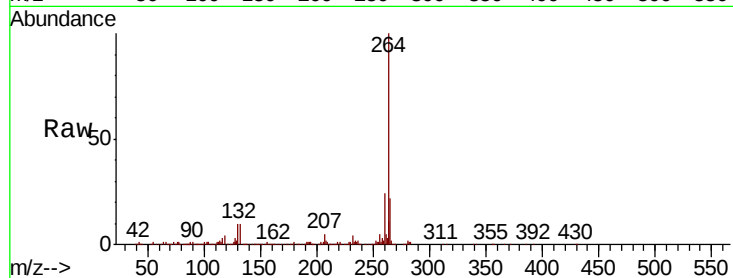
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	19.0	28.4

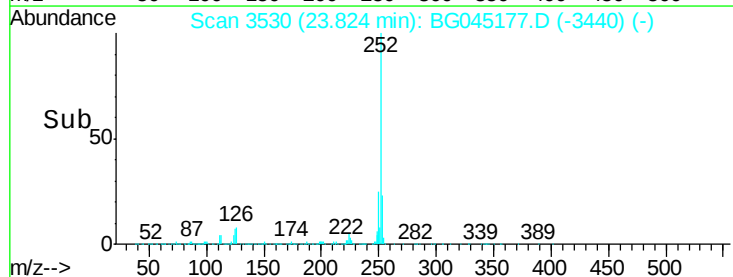
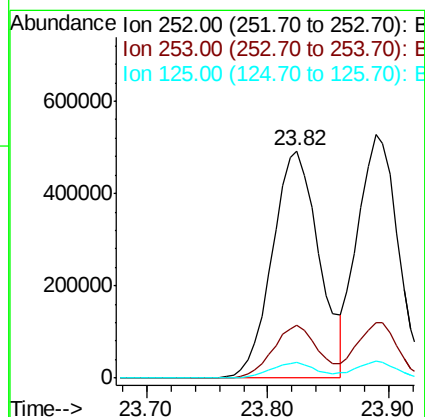
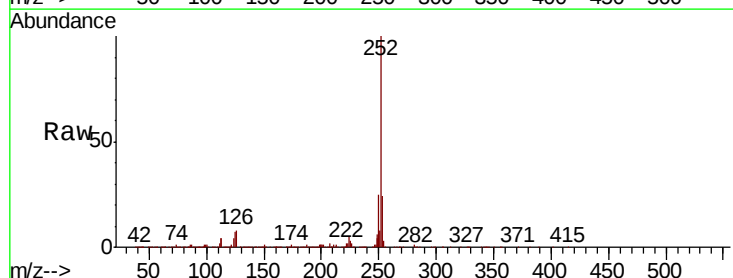
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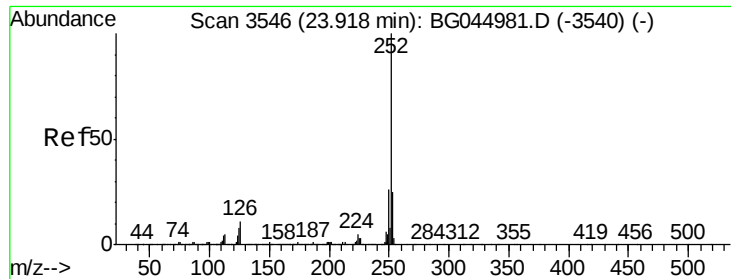
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.983 ng
RT: 23.82 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	7.2	6.2	9.4





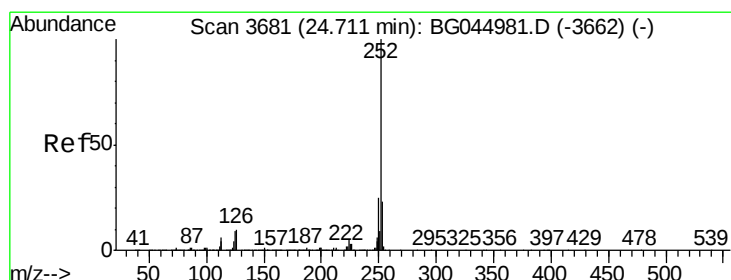
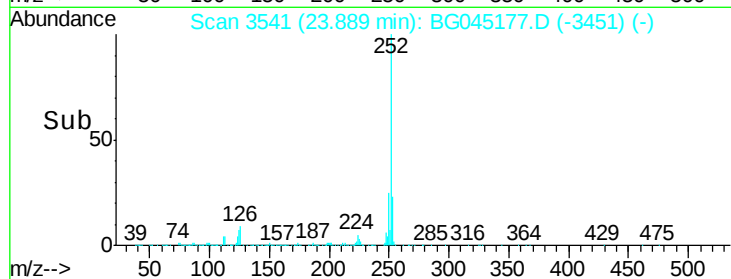
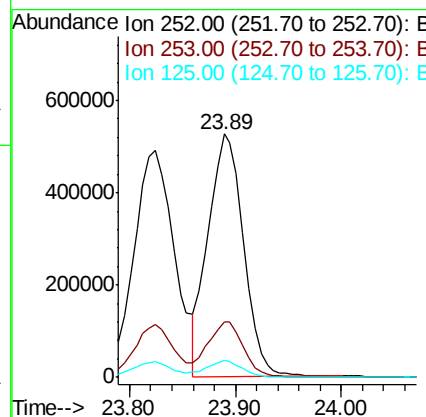
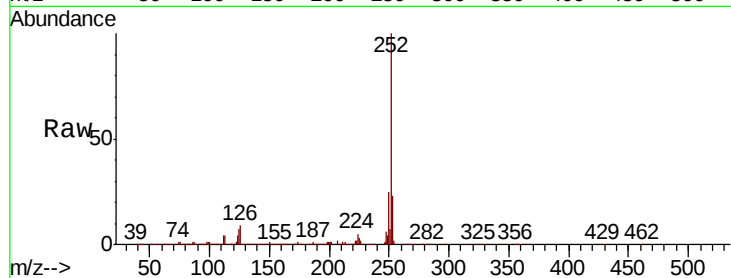
#89
Benzo(k)fluoranthene
Concen: 44.932 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	7.0	5.9	8.9

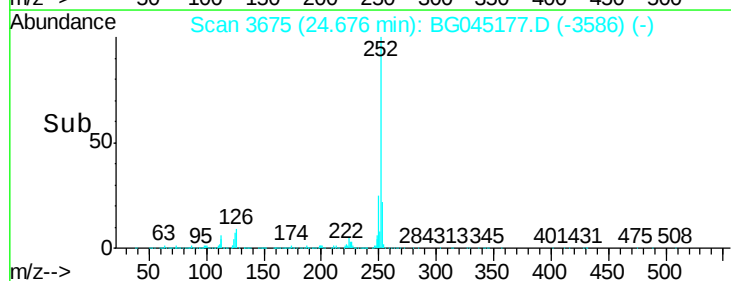
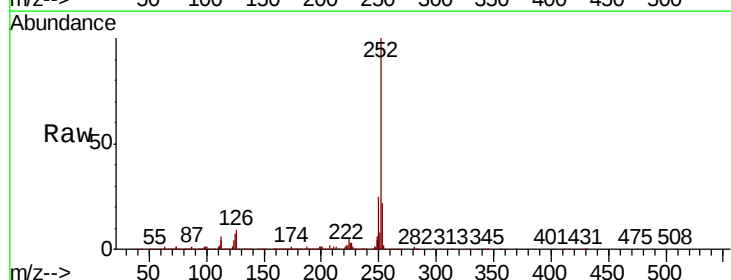
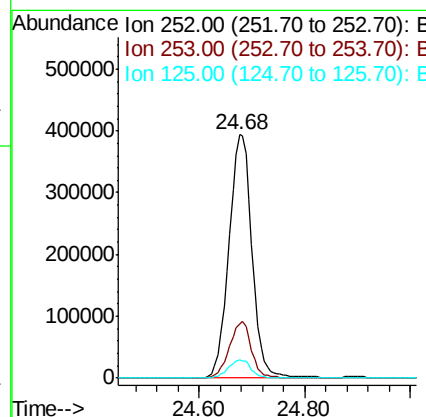
Manual Integrations
APPROVED

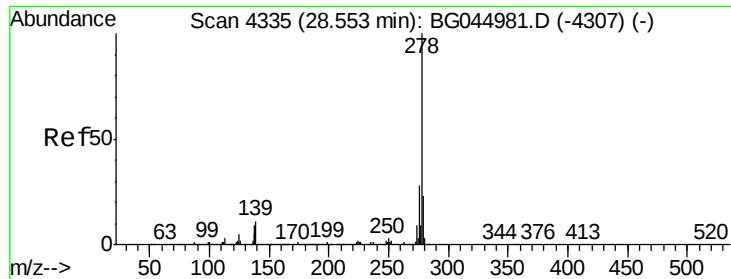
mohammad
4/28/2020 11:08:00 PM



#90
Benzo(a)pyrene
Concen: 43.993 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	7.3	7.0	10.6





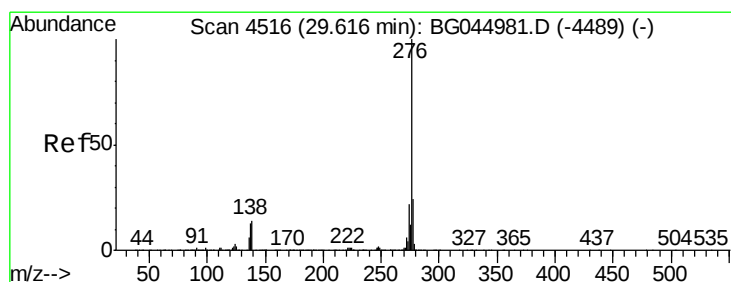
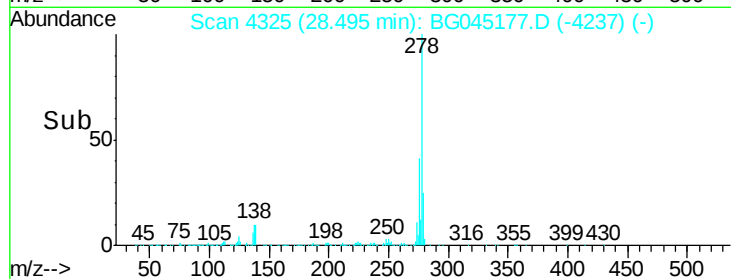
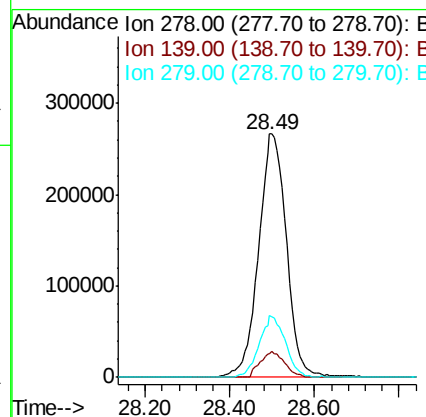
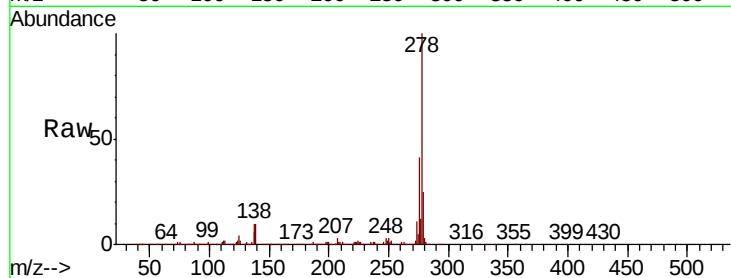
#91
Dibenzo(a,h)anthracene
Concen: 45.026 ng
RT: 28.49 min Scan# 4325
Delta R.T. -0.02 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	25.4	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/28/2020 11:08:00 PM



#92
Benzo(g,h,i)perylene
Concen: 45.350 ng
RT: 29.56 min Scan# 4507
Delta R.T. -0.02 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	12.1	11.4	17.2

