

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045159.D
 Acq On : 24 Apr 2020 13:42
 Operator : CG/JU
 Sample : PB128463BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Manual Integrations
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 4/27/2020 3:05:38 PM

Quant Time: Apr 24 14:21:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	64117	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	256072	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	185516	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	449779	20.00	ng	0.00
76) Chrysene-d12	21.65	240	435446	20.00	ng	0.00
87) Perylene-d12	24.82	264	485758	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	498784	128.43	ng	0.00
7) Phenol-d6	7.17	99	696340	120.68	ng	0.00
23) Nitrobenzene-d5	9.16	82	437582	77.97	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	336247	117.32	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1009859	79.82	ng	0.00
79) Terphenyl-d14	20.00	244	1827641	91.48	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.46	88	64759	37.521	ng	97
3) Pyridine	3.86	79	184168	34.656	ng	93
4) n-Nitrosodimethylamine	3.77	42	71445	43.887	ng	# 90
6) Aniline	7.32	93	238084	31.735	ng	98
8) 2-Chlorophenol	7.57	128	193602	46.384	ng	98
9) Benzaldehyde	7.13	77	93325	25.236	ng	95
10) Phenol	7.19	94	265416	45.967	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	180437	39.249	ng	99
12) 1,3-Dichlorobenzene	7.89	146	210712	42.842	ng	98
13) 1,4-Dichlorobenzene	8.03	146	211131	43.081	ng	99
14) 1,2-Dichlorobenzene	8.36	146	202758	43.245	ng	96
15) Benzyl Alcohol	8.24	79	196371	40.591	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	166049	36.796	ng	96
17) 2-Methylphenol	8.45	107	174638	39.201	ng	94
18) Hexachloroethane	9.09	117	81690	44.339	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	159478	39.081	ng	98
20) 3+4-Methylphenols	8.77	107	243380	39.030	ng	97
22) Acetophenone	8.82	105	296302	42.788	ng	# 97
24) Nitrobenzene	9.20	77	241442	41.971	ng	95
25) Isophorone	9.73	82	448879	39.058	ng	98
26) 2-Nitrophenol	9.91	139	113431	45.777	ng	100
27) 2,4-Dimethylphenol	9.98	122	178637	45.435	ng	94
28) bis(2-Chloroethoxy)methane	10.21	93	254567	42.158	ng	97
29) 2,4-Dichlorophenol	10.45	162	202553	44.616	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	217473	42.309	ng	98
31) Naphthalene	10.86	128	599837	42.820	ng	97
32) Benzoic acid	10.12	122	97318	32.945	ng	93
33) 4-Chloroaniline	10.96	127	133745	20.472	ng	98
34) Hexachlorobutadiene	11.15	225	149298	42.364	ng	97
35) Caprolactam	11.73	113	74056m	40.986	ng	
36) 4-Chloro-3-methylphenol	12.09	107	230318	43.186	ng	95
37) 2-Methylnaphthalene	12.46	142	454140	41.767	ng	95
38) 1-Methylnaphthalene	12.68	142	433711	42.253	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	246560	41.278	ng	99

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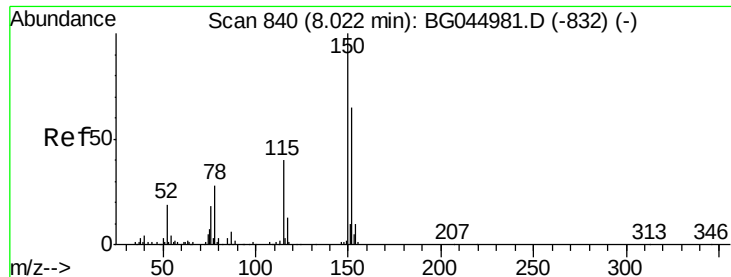
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	372642	99.816	nq	100
43) 2,4,6-Trichlorophenol	13.07	196	186162	44.160	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	198755	41.420	nq	98
46) 1,1'-Biphenyl	13.47	154	574615	40.751	nq	100
47) 2-Chloronaphthalene	13.52	162	454189	42.155	nq	99
48) 2-Nitroaniline	13.71	65	153787	43.382	nq	95
49) Acenaphthylene	14.36	152	740139	42.174	nq	99
50) Dimethylphthalate	14.09	163	633296	41.925	nq	98
51) 2,6-Dinitrotoluene	14.21	165	146288	43.297	nq	96
52) Acenaphthene	14.70	154	570027m	48.006	nq	
53) 3-Nitroaniline	14.54	138	86352	23.303	nq	96
54) 2,4-Dinitrophenol	14.74	184	188416	93.783	nq	97
55) Dibenzofuran	15.04	168	726849	41.987	nq	98
56) 4-Nitrophenol	14.85	139	246154	85.672	nq	96
57) 2,4-Dinitrotoluene	15.00	165	208292	42.185	nq	99
58) Fluorene	15.69	166	603949	42.711	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	195225	45.724	nq	98
60) Diethylphthalate	15.46	149	653919	41.521	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	331069	40.677	nq	98
62) 4-Nitroaniline	15.70	138	154350	40.159	nq	94
63) Azobenzene	15.97	77	618559	42.600	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	140646	47.573	nq	98
66) n-Nitrosodiphenylamine	15.89	169	551350	42.664	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	229344	39.525	nq	97
68) Hexachlorobenzene	16.70	284	254977	42.370	nq	100
69) Atrazine	16.84	200	236030	50.678	nq	100
70) Pentachlorophenol	17.04	266	305208	82.673	nq	99
71) Phenanthrene	17.43	178	1000731	43.297	nq	100
72) Anthracene	17.52	178	1028450	44.359	nq	99
73) Carbazole	17.79	167	976762	41.515	nq	99
74) Di-n-butylphthalate	18.35	149	1163481	45.495	nq	99
75) Fluoranthene	19.44	202	1289367	47.853	nq	98
77) Benzidine	19.61	184	656748	53.151	nq	98
78) Pyrene	19.80	202	1279182	42.611	nq	99
80) Butylbenzylphthalate	20.69	149	530655	42.645	nq	98
81) Benzo(a)anthracene	21.63	228	1210256	42.882	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	273103	24.312	nq	99
83) Chrysene	21.70	228	1172133	43.225	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	728791	42.584	nq	98
85) Di-n-octyl phthalate	22.75	149	1237710	41.822	nq	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1544843	42.909	nq	# 97
88) Benzo(b)fluoranthene	23.82	252	1309536	43.038	nq	97
89) Benzo(k)fluoranthene	23.89	252	1287991	44.511	nq	99
90) Benzo(a)pyrene	24.68	252	1212349	42.200	nq	98
91) Dibenzo(a,h)anthracene	28.50	278	1260985	43.560	nq	97
92) Benzo(g,h,i)perylene	29.56	276	1247563	42.987	nq	98

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



#1

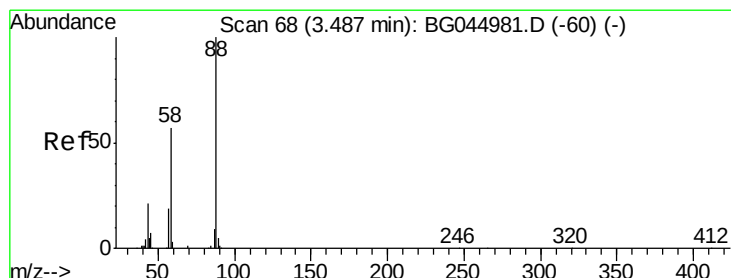
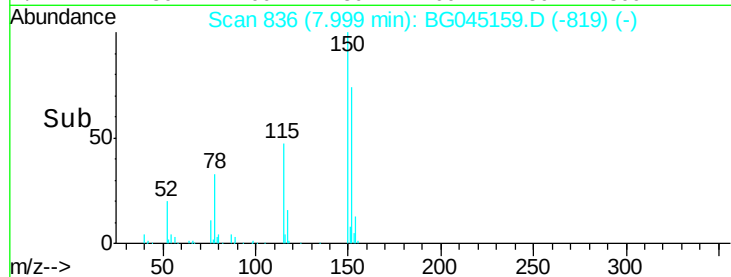
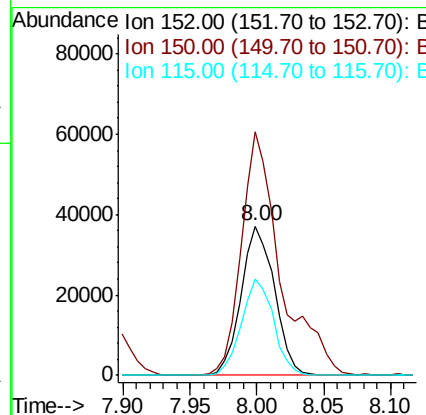
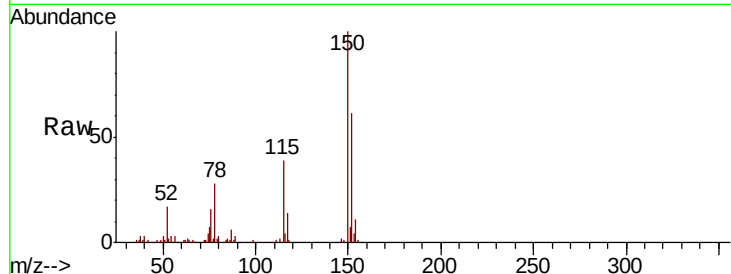
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	123.6	185.4
115	64.3	49.1	73.7

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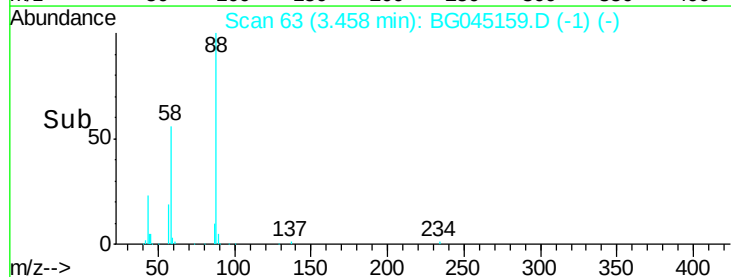
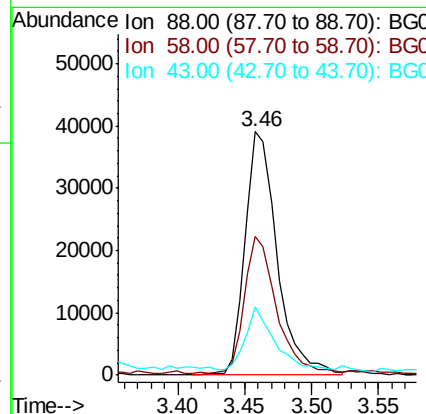
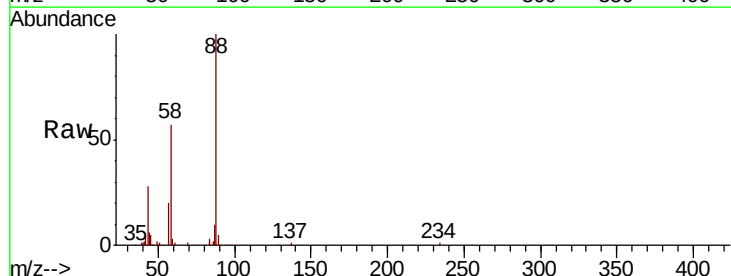
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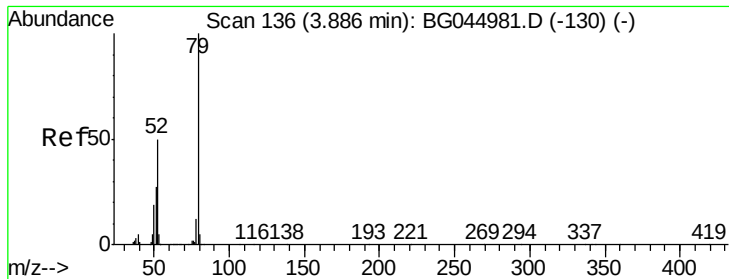


#2

1,4-Dioxane
 Concen: 37.521 ng
 RT: 3.46 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	46.6	69.8
43	23.5	17.5	26.3





#3

Pvridine

Concen: 34.656 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

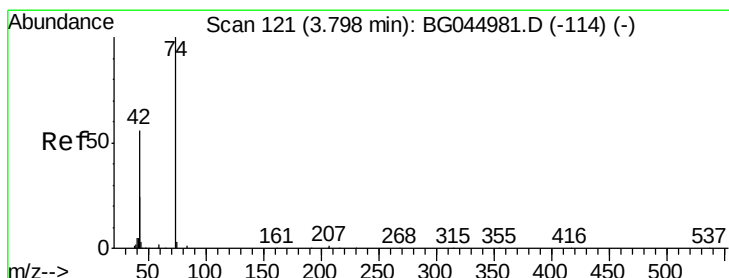
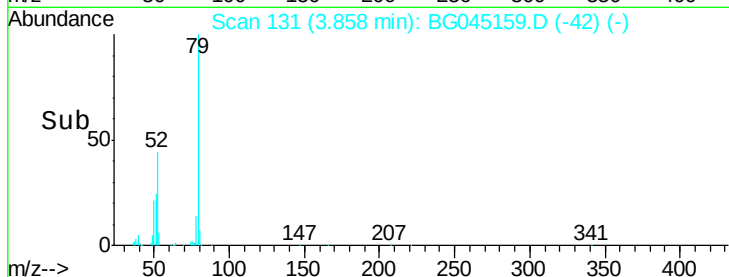
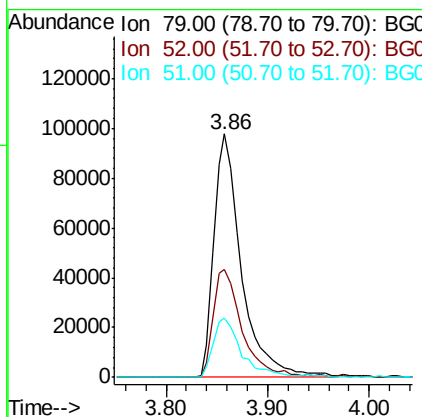
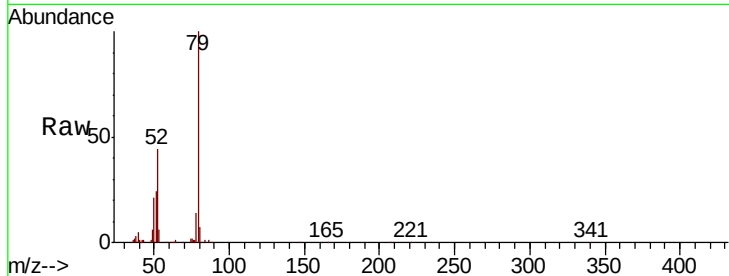
ClientSampleId :

PB128463BS

Tot Ion:	79	Resp:	184168
Ion	Ratio	Lower	Upper
79	100		
52	44.1	39.8	59.6
51	24.1	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 43.887 ng

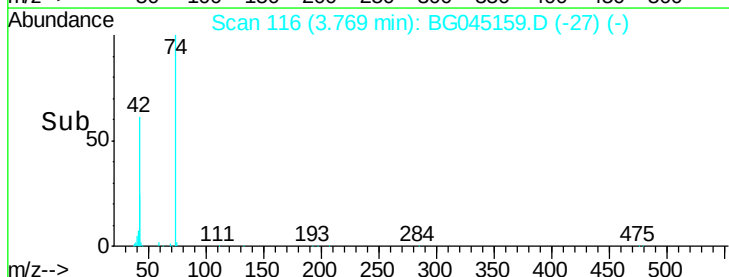
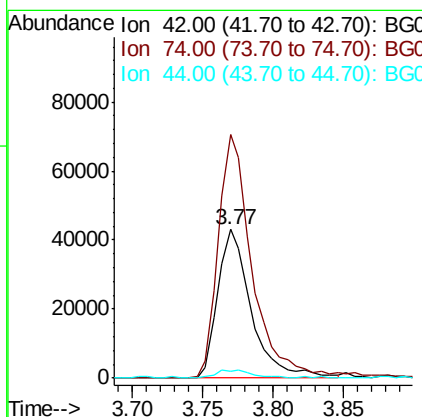
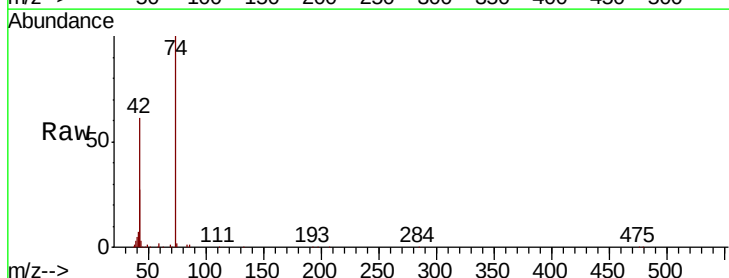
RT: 3.77 min Scan# 116

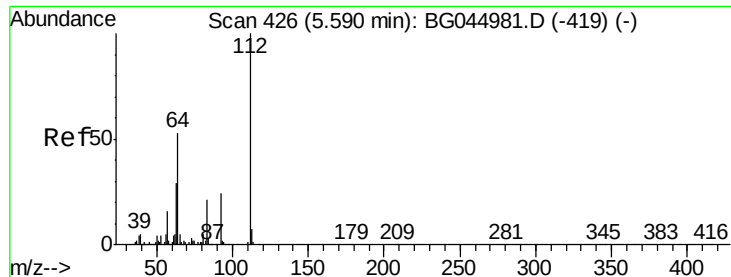
Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	42	Resp:	71445
Ion	Ratio	Lower	Upper
42	100		
74	163.8	143.0	214.6
44	4.5	4.6	6.8#





#5

2-Fluorophenol

Concen: 128.432 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

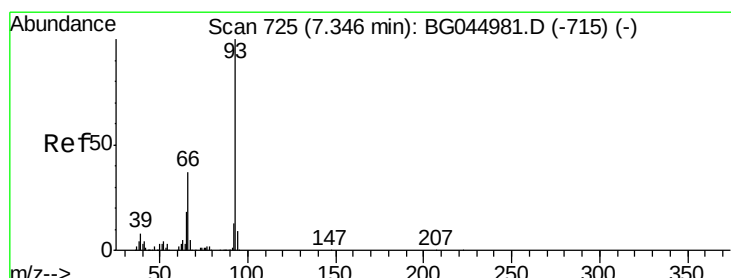
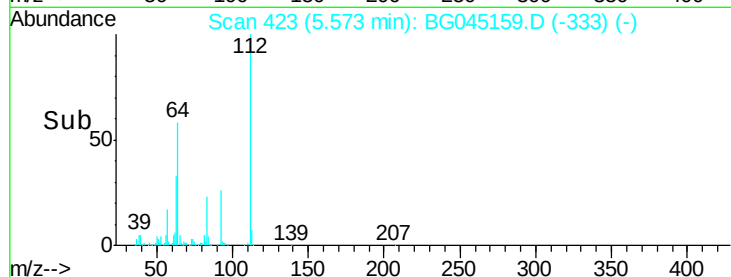
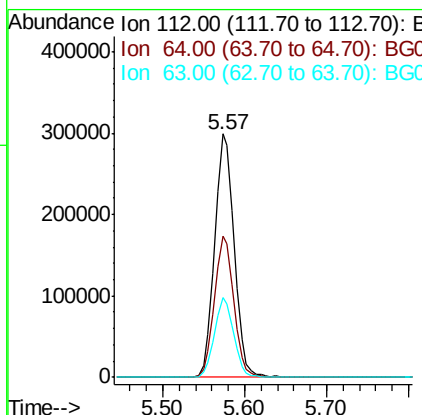
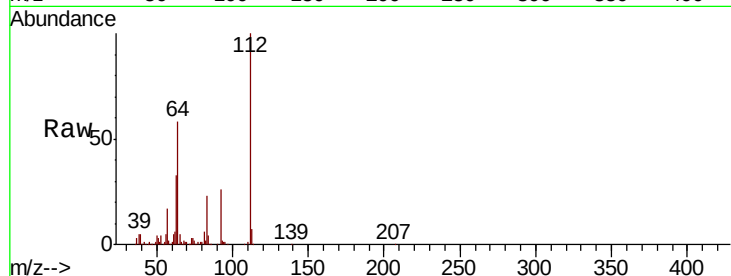
ClientSampleId :

PB128463BS

Tot Ion:	112	Resp:	498784
Ion Ratio	Lower	Upper	
112	100		
64	57.8	42.4	63.6
63	32.8	23.1	34.7

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#6

Aniline

Concen: 31.735 ng

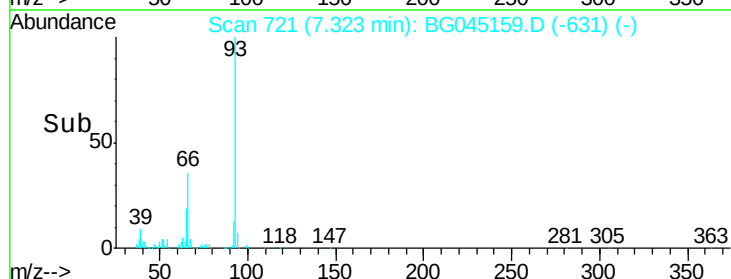
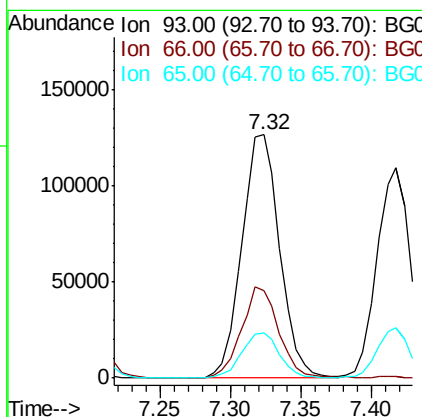
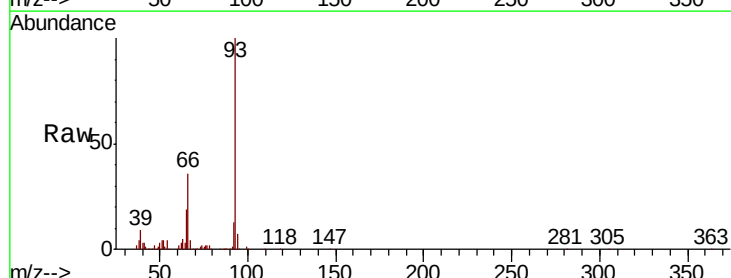
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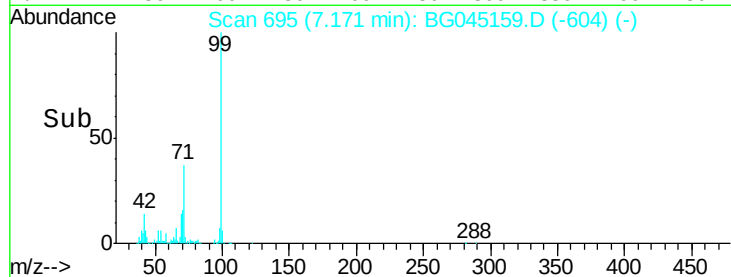
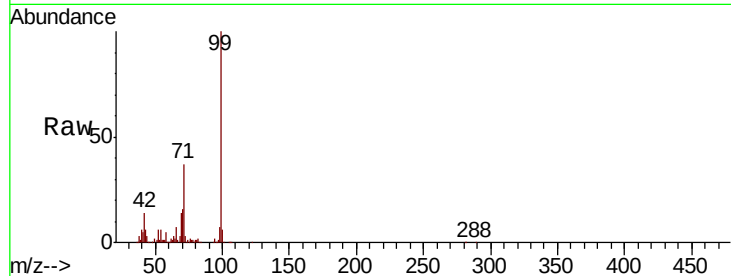
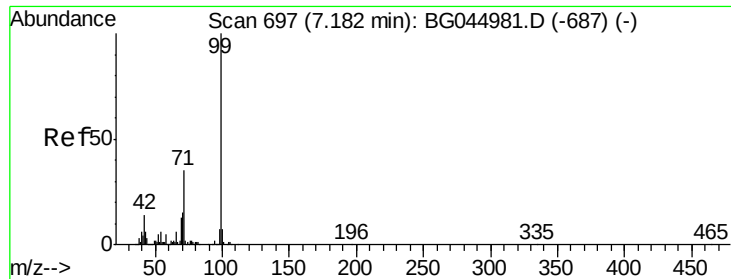
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	93	Resp:	238084
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.8	44.8
65	18.7	14.6	22.0





#7

Phenol-d6

Concen: 120.680 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tot Ion:	99	Resp:	696340
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.3	16.9
71	37.5	28.3	42.5

Instrument :

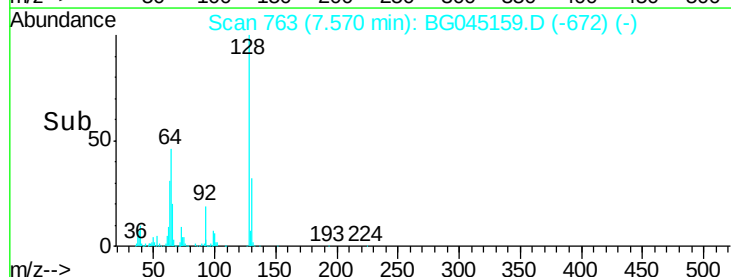
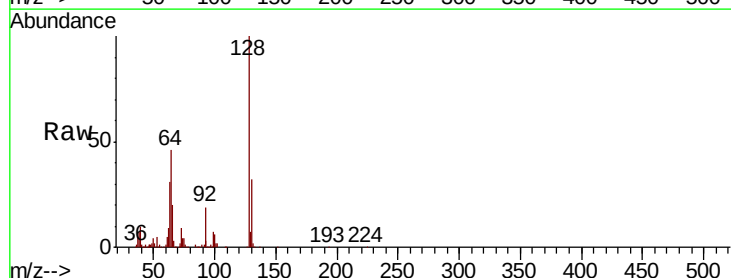
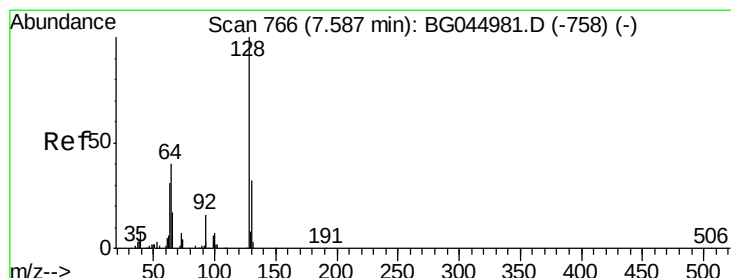
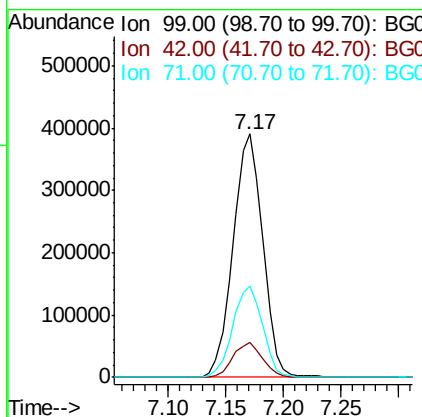
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ClientSampled :

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#8

2-Chlorophenol

Concen: 46.384 ng

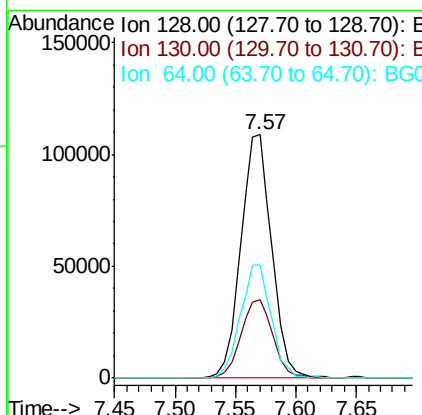
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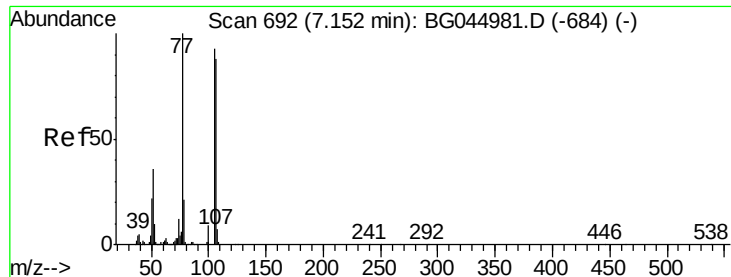
Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	128	Resp:	193602
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	46.2	24.4	64.4





#9

Benzaldehyde

Concen: 25.236 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

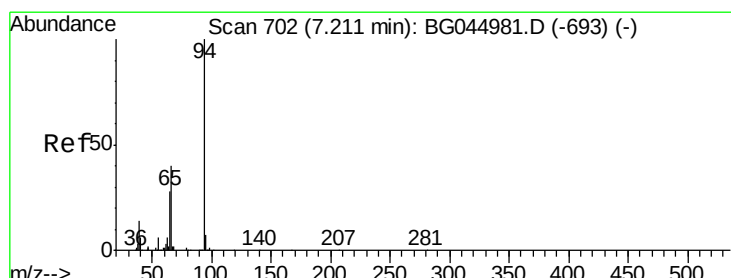
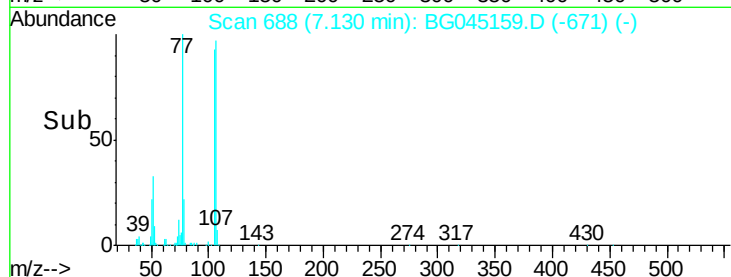
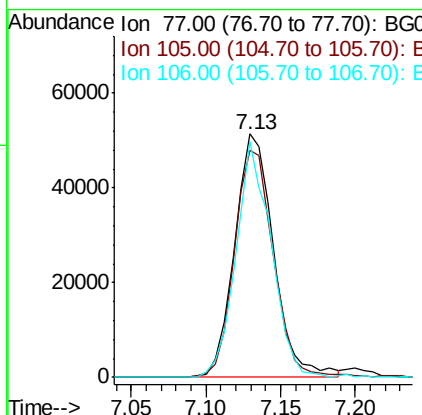
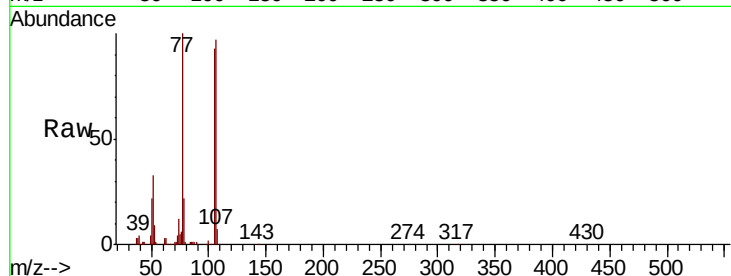
ClientSampleId :

PB128463BS

Tot Ion:	77	Resp:	93325
Ion	Ratio	Lower	Upper
77	100		
105	93.2	72.9	112.9
106	96.7	67.6	107.6

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#10

Phenol

Concen: 45.967 ng

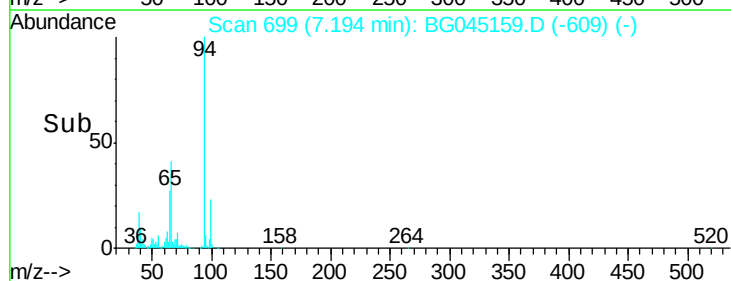
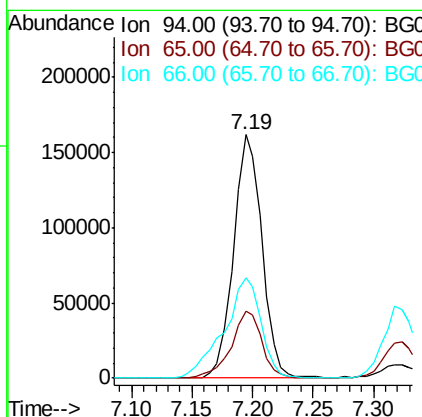
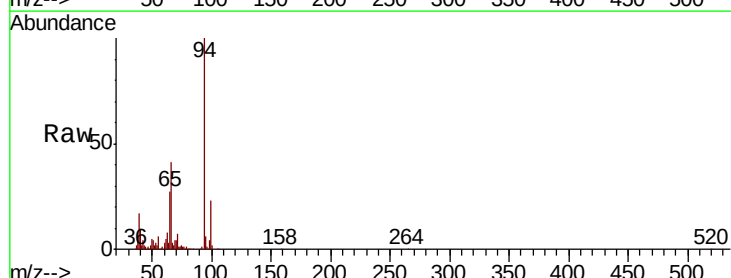
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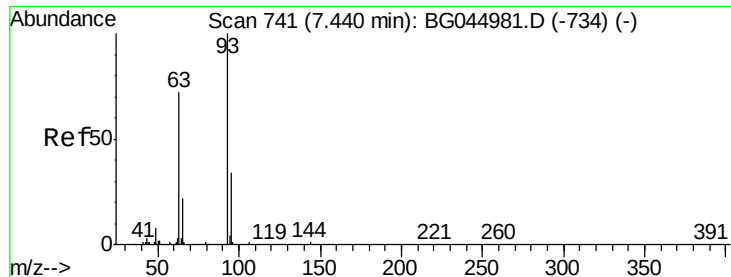
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	94	Resp:	265416
Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.2	48.2
66	41.4	20.4	60.4





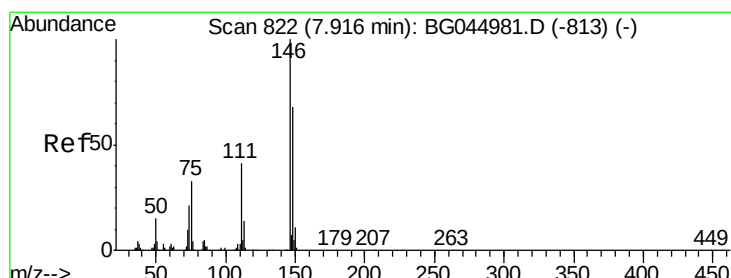
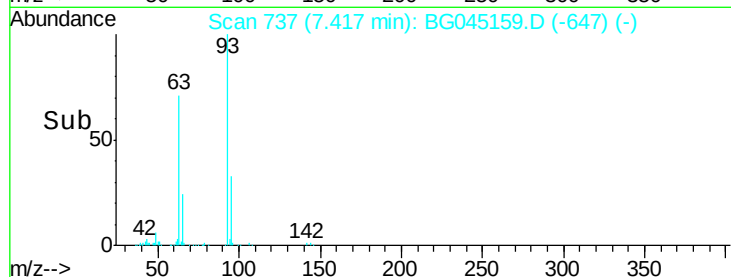
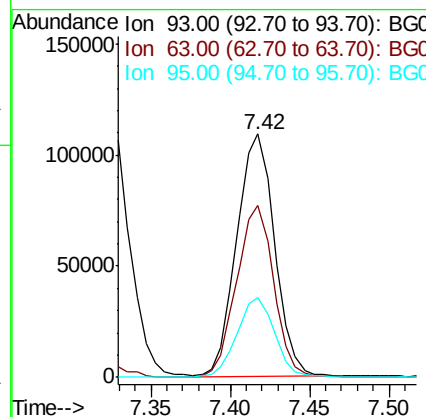
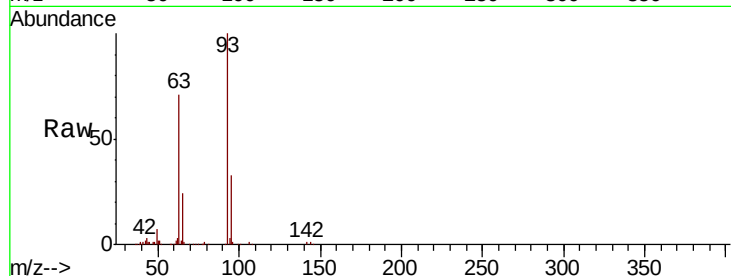
#11
bis(2-Chloroethyl)ether
Concen: 39.249 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	93	Resp	180437
Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.8	91.8
95	32.9	13.8	53.8

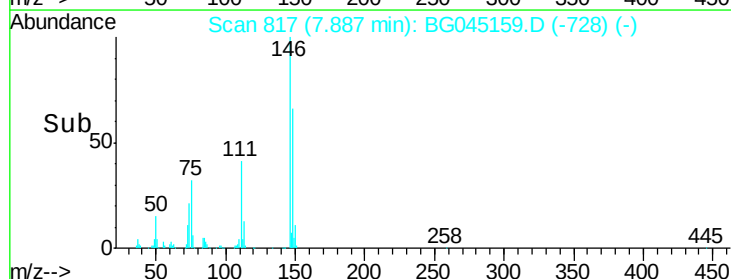
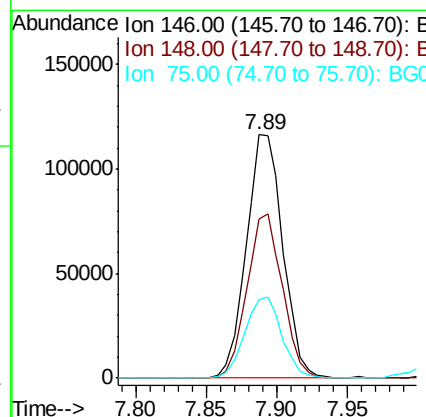
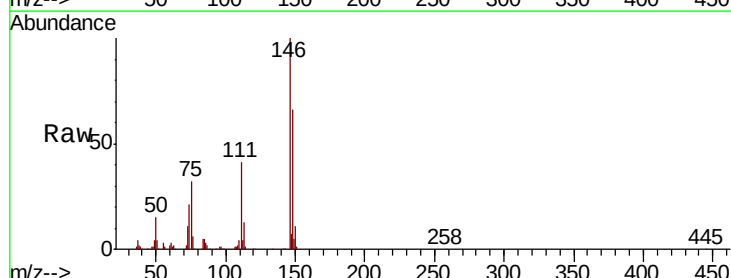
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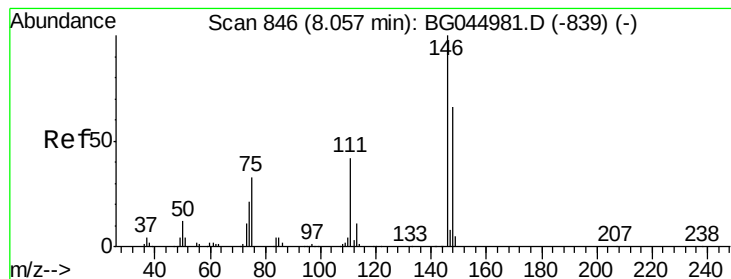
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.842 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	146	Resp	210712
Ion	Ratio	Lower	Upper
146	100		
148	65.6	54.6	81.8
75	32.2	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 43.081 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

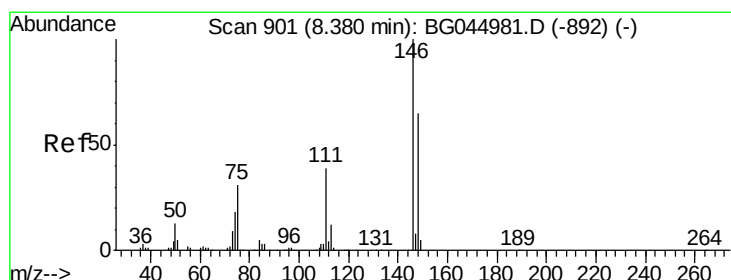
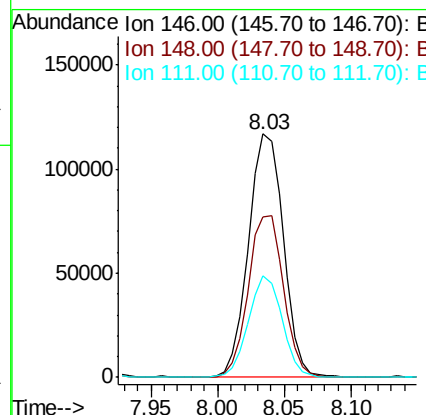
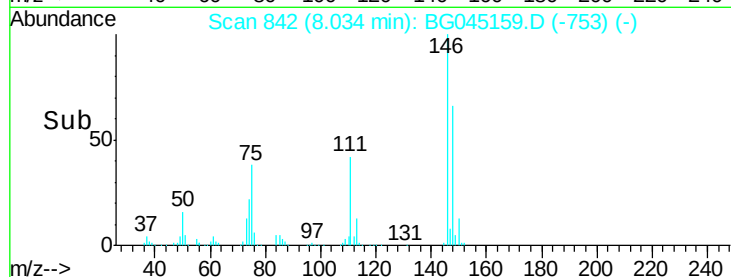
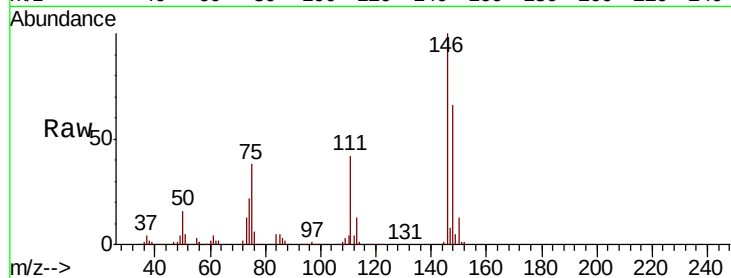
ClientSampled :

PB128463BS

Tot Ion:	146	Resp:	211131
Ion Ratio	Lower	Upper	
146	100		
148	66.1	53.3	79.9
111	41.8	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 43.245 ng

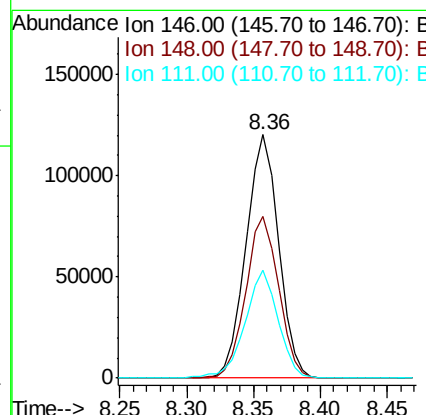
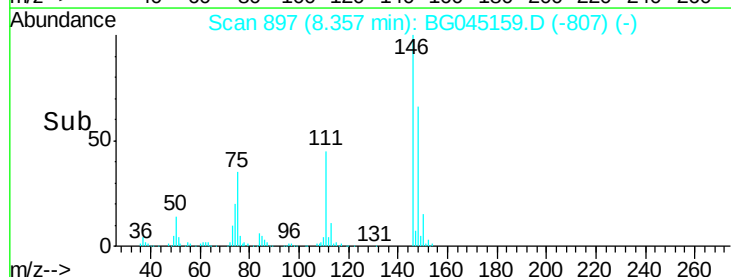
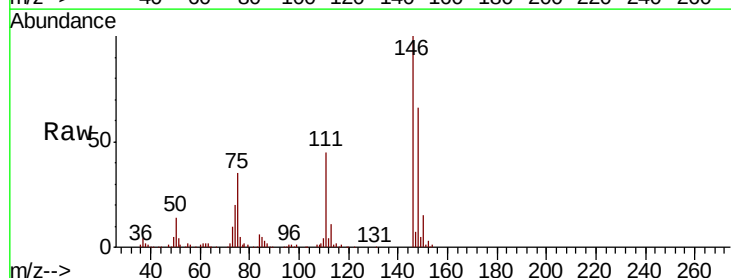
RT: 8.36 min Scan# 897

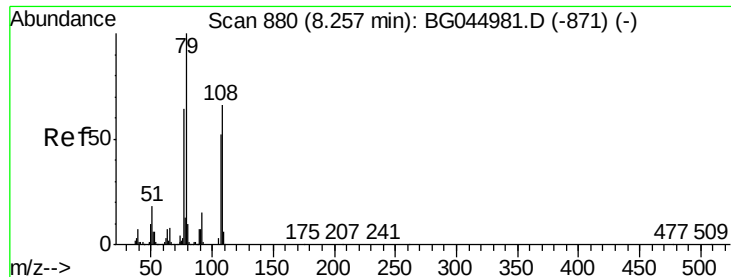
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	146	Resp:	202758
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.9	77.9
111	44.6	31.3	46.9





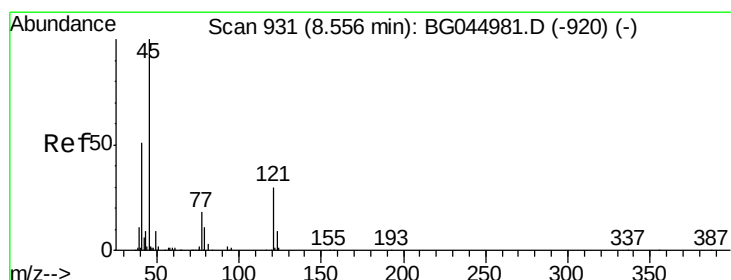
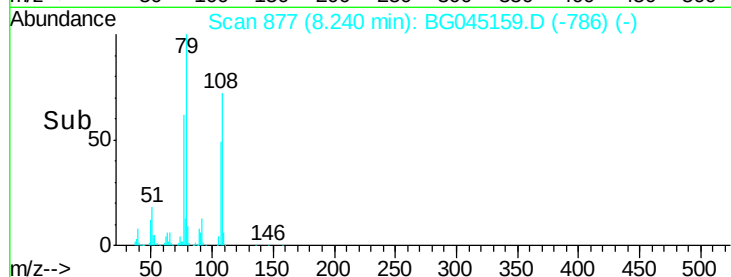
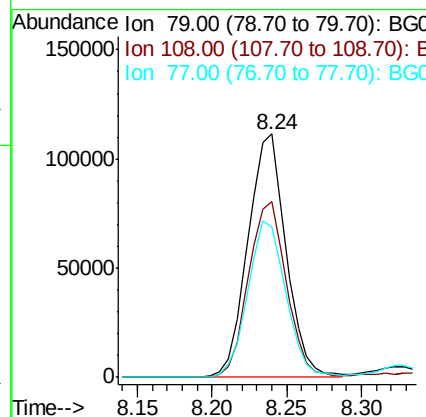
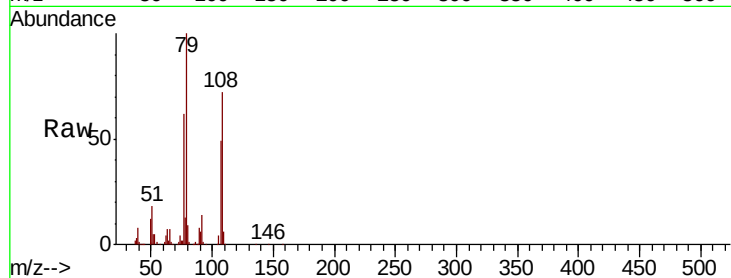
#15
Benzyl Alcohol
Concen: 40.591 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampled :
PB128463BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	52.7	79.1
77	61.5	51.3	76.9

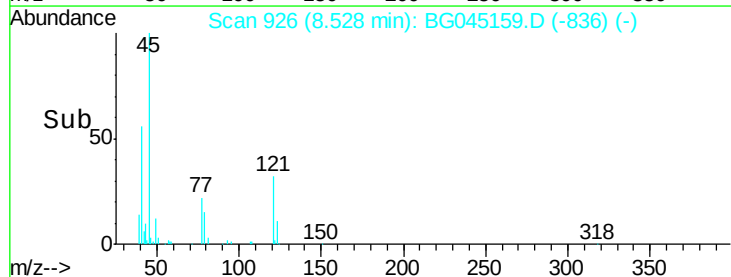
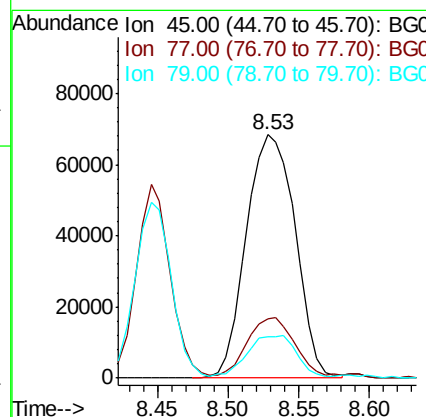
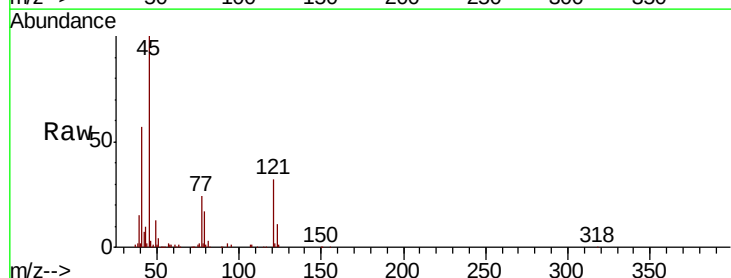
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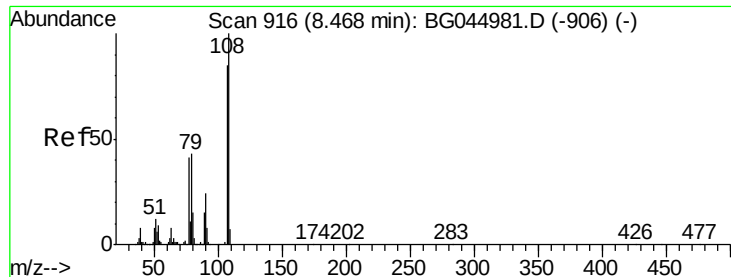
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.796 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.1	1.9	41.9
79	17.1	0.0	35.5





#17

2-Methylphenol

Concen: 39.201 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

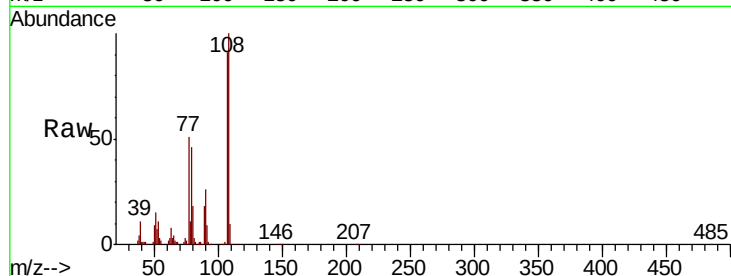
ClientSampleId :

PB128463BS

Tot Ion:	107	Resp:	174638
Ion Ratio	Lower	Upper	
107	100		
108	109.8	93.8	140.6
77	55.7	38.5	57.7
79	50.6	40.1	60.1

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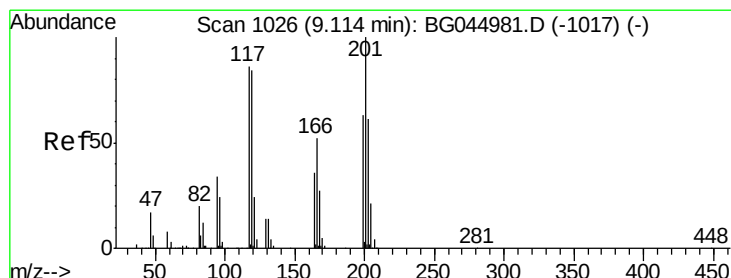
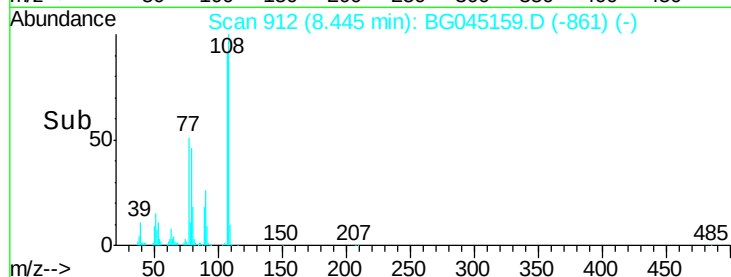
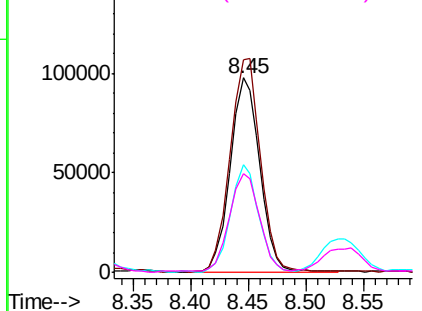


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.339 ng

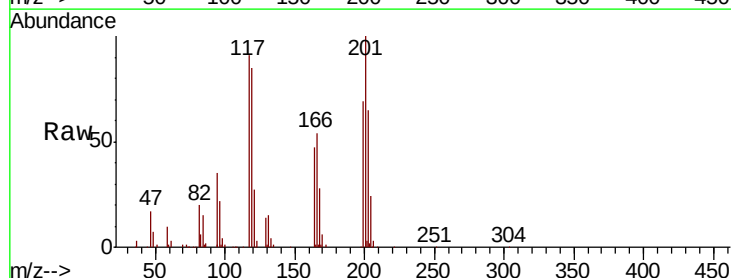
RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

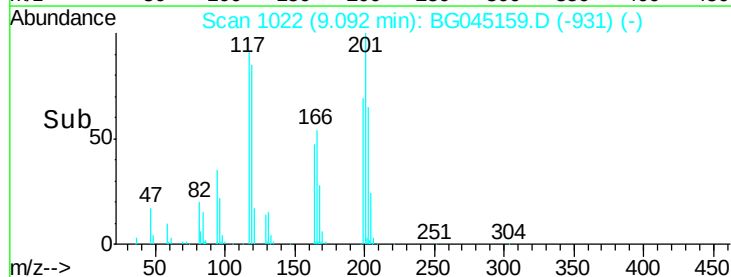
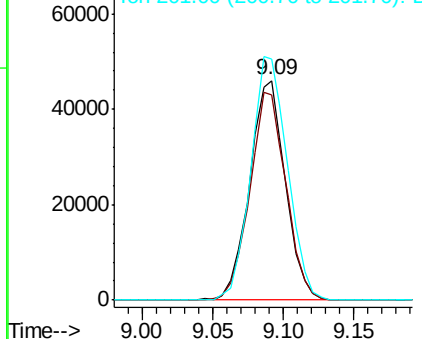
Tgt Ion:	117	Resp:	81690
Ion Ratio	Lower	Upper	
117	100		
119	93.5	78.3	117.5
201	109.6	92.9	139.3

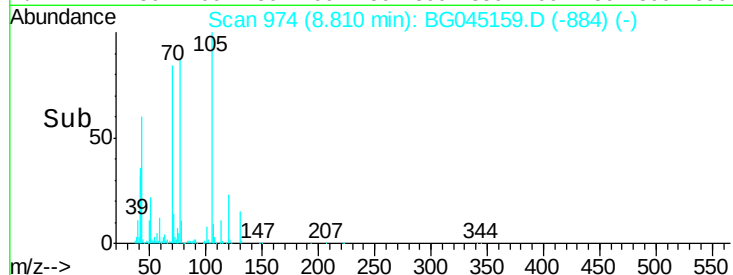
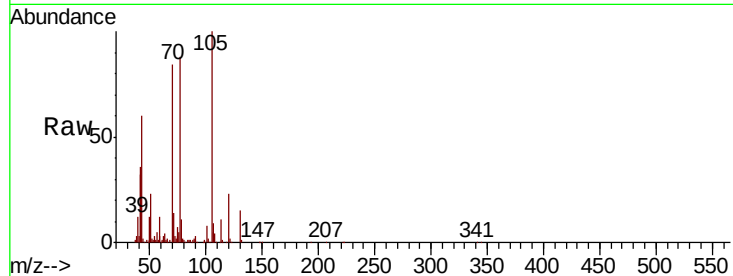
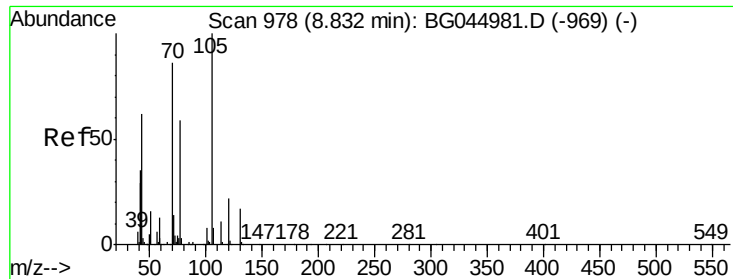


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





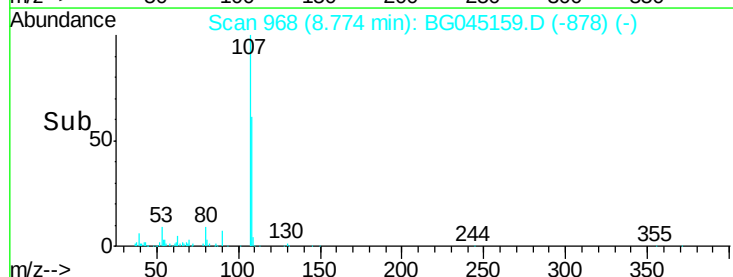
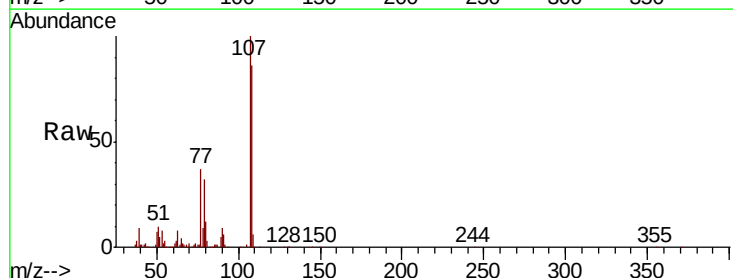
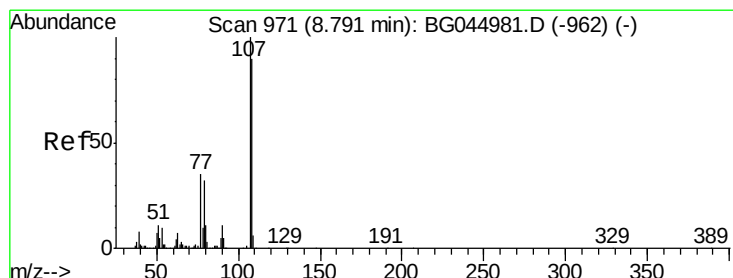
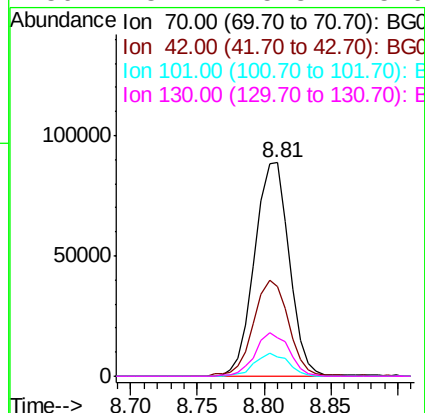
#19
n-Nitroso-di-n-propylamine
Concen: 39.081 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampled :
PB128463BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.1	33.3	49.9	
101	9.1	7.8	11.8	
130	18.2	15.8	23.6	

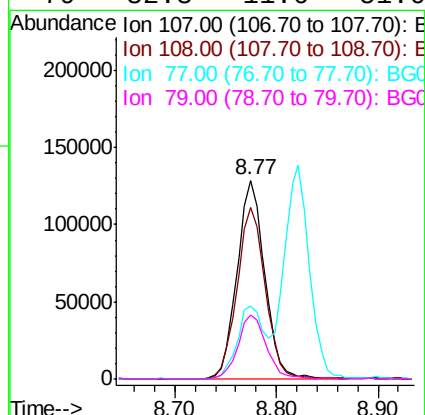
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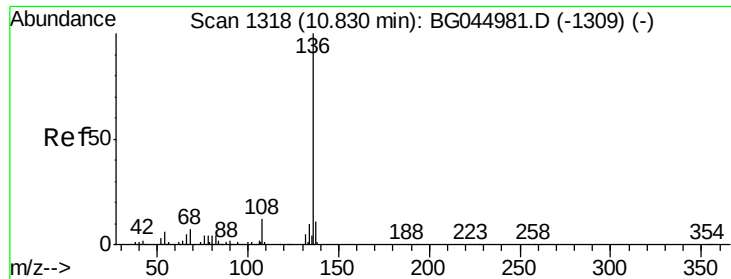
mohammad
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#20
3+4-Methylphenols
Concen: 39.030 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	69.9	109.9	
77	36.8	15.2	55.2	
79	32.3	11.6	51.6	





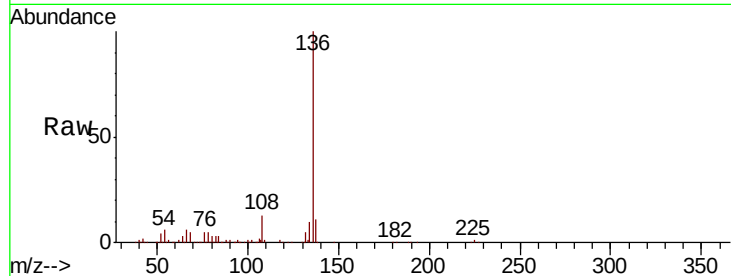
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	256072		
137	11.3		8.6	13.0
54	6.0		4.8	7.2
68	5.3		5.2	7.8

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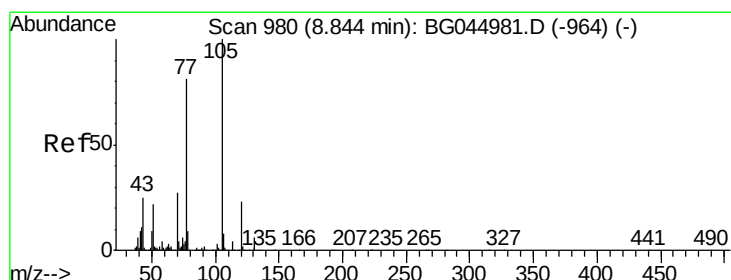
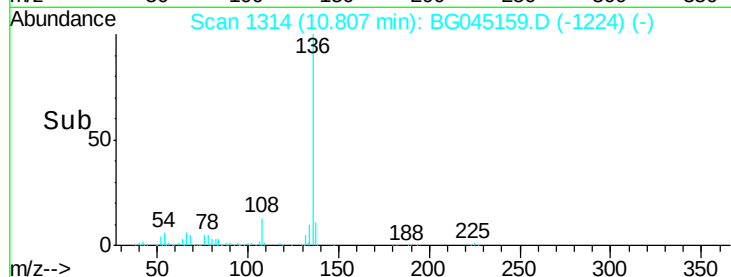
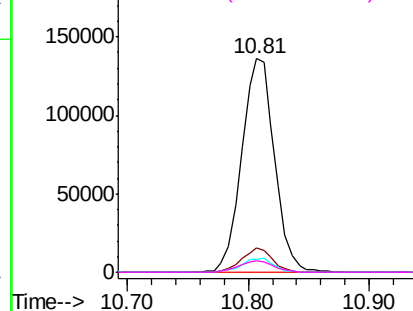
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.788 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	296302		
71	2.9		3.3	4.9#
51	20.3		17.3	25.9
120	21.2		18.4	27.6

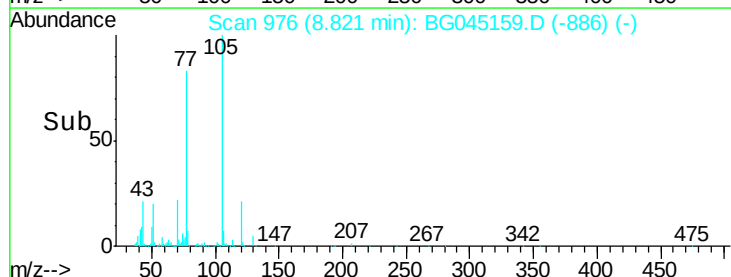
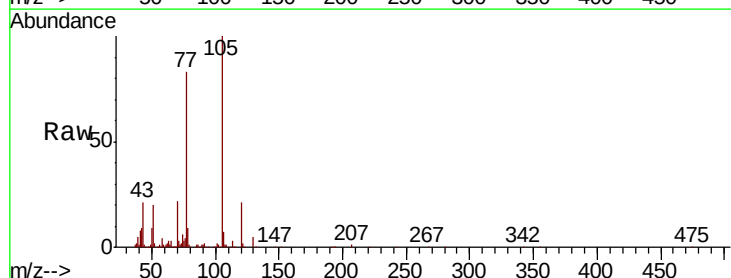
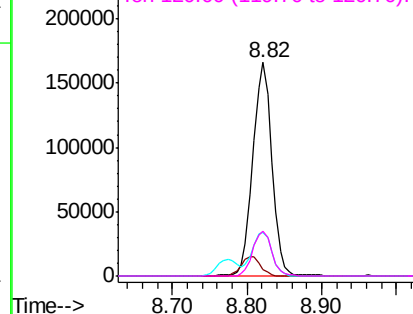
Abundance

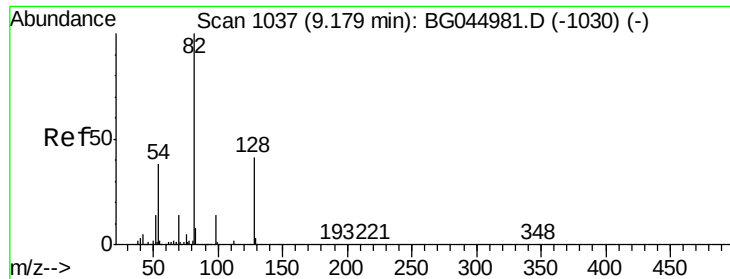
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





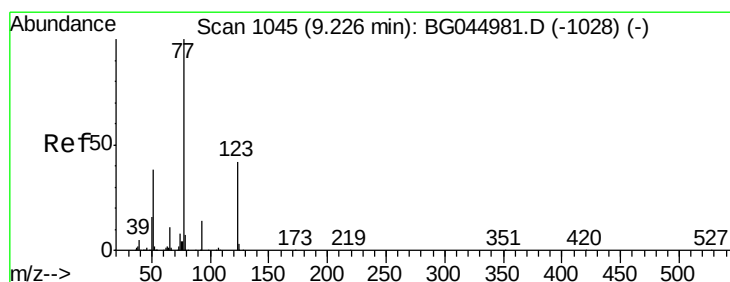
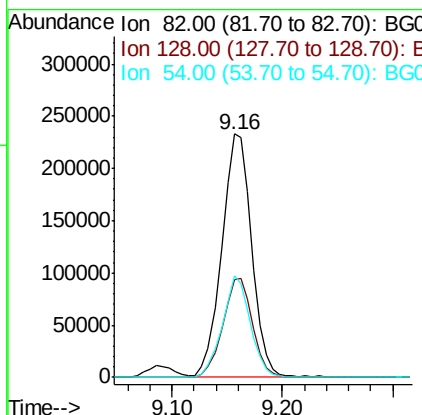
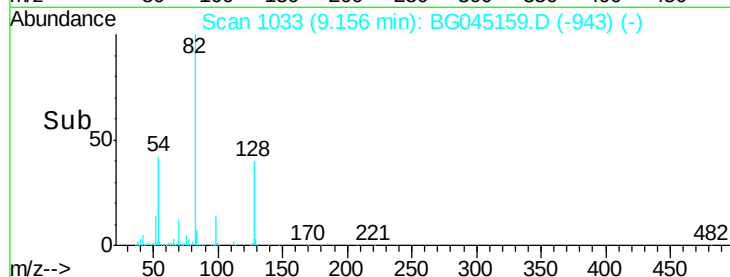
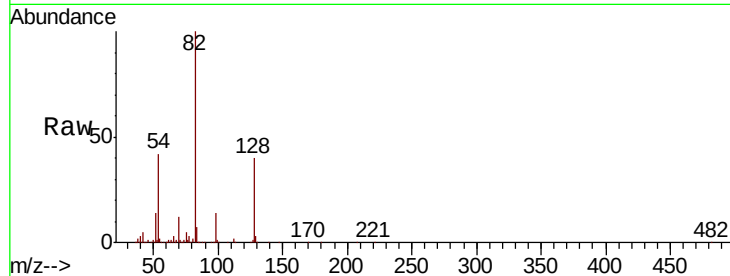
#23
 Nitrobenzene-d5
 Concen: 77.972 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.0	49.4
54	41.6	30.4	45.6

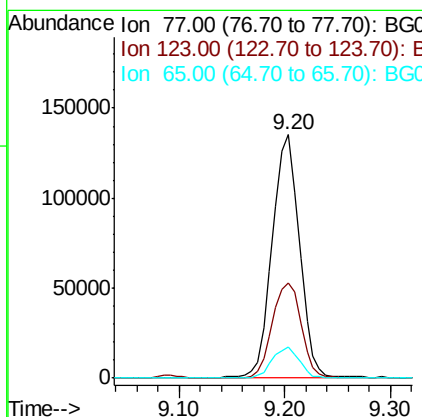
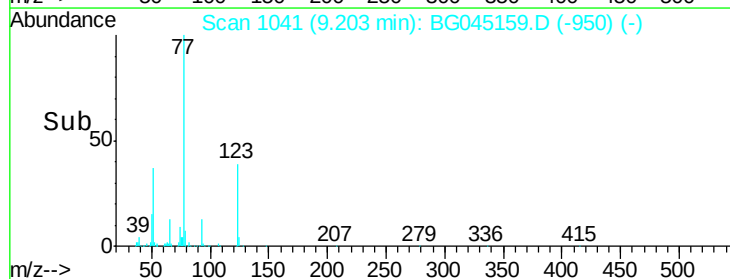
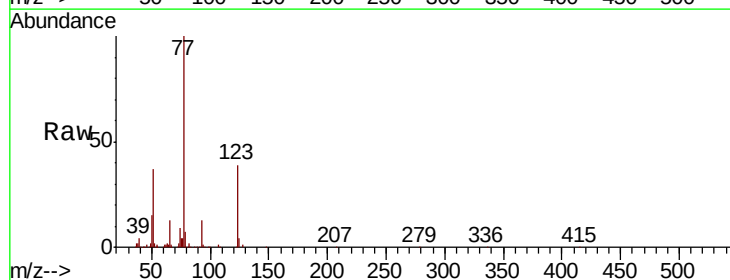
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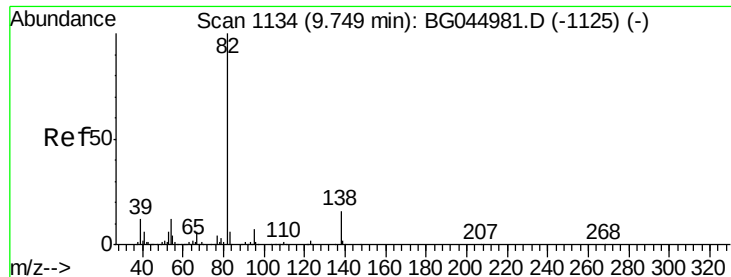
mohammad
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#24
 Nitrobenzene
 Concen: 41.971 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	34.3	51.5
65	12.8	8.9	13.3





#25

Isophorone

Concen: 39.058 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

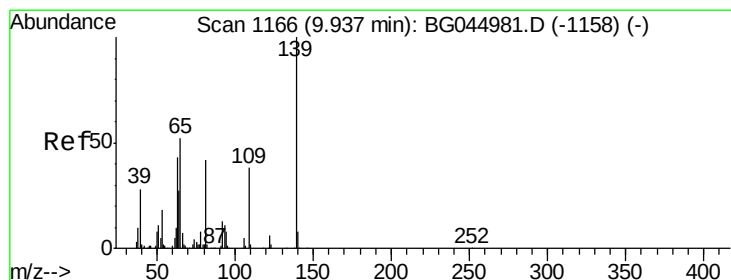
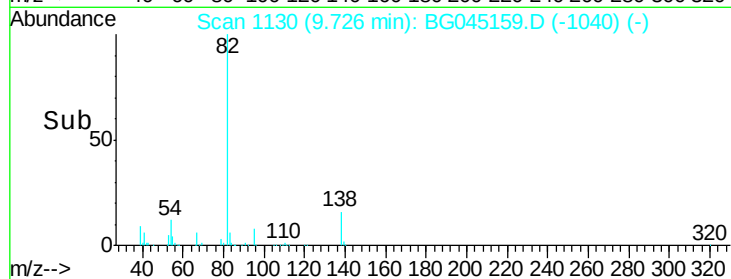
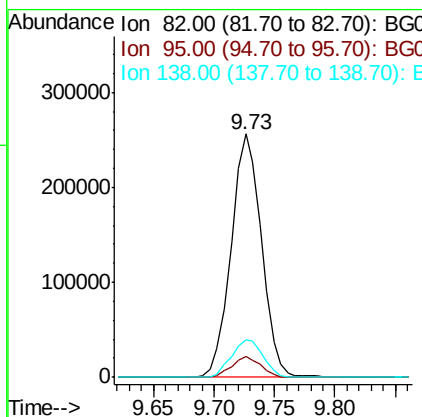
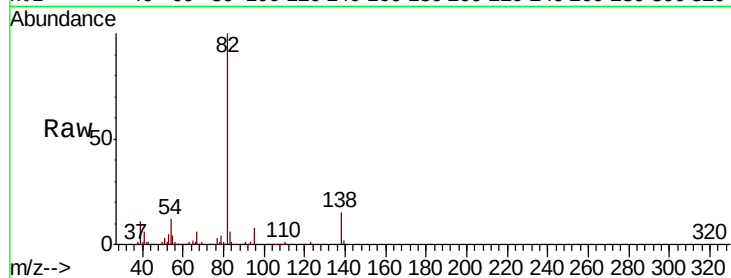
ClientSampleId :

PB128463BS

Tot Ion:	82	Resp:	448879
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.0	9.0
138	15.4	12.7	19.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.777 ng

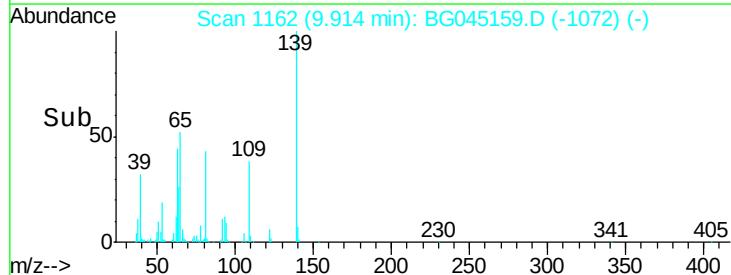
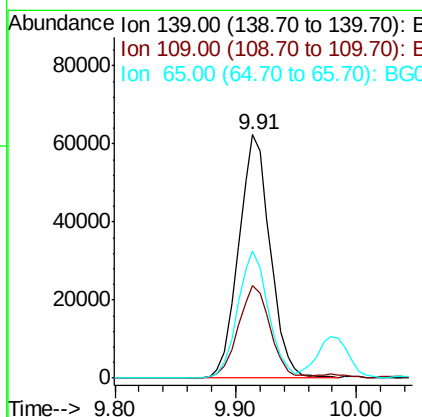
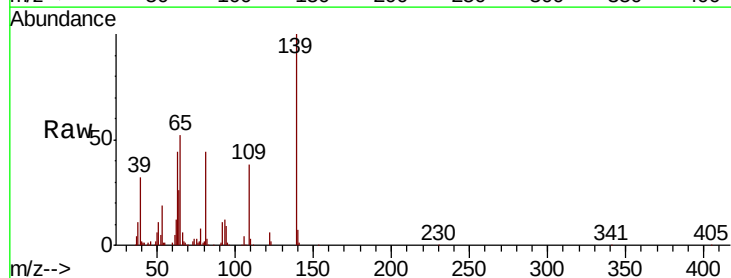
RT: 9.91 min Scan# 1162

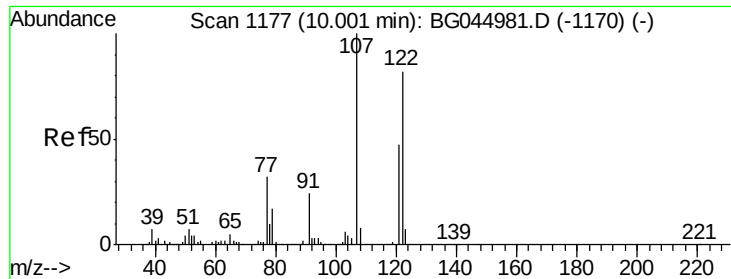
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	139	Resp:	113431
Ion Ratio	Lower	Upper	
139	100		
109	38.1	30.6	45.8
65	52.1	41.8	62.6





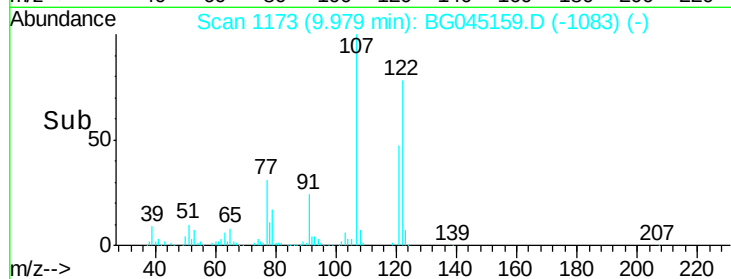
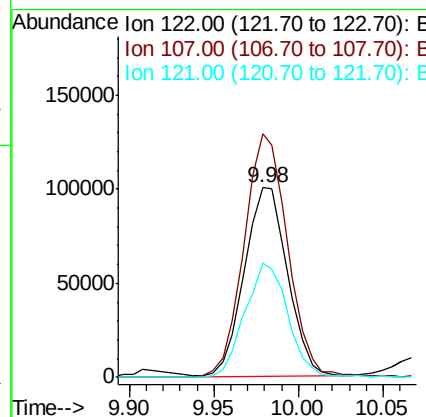
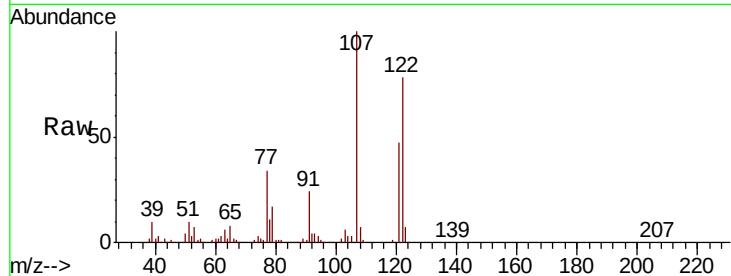
#27
 2,4-Dimethylphenol
 Concen: 45.435 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	178637		
107	128.6	96.8	145.2	
121	60.4	45.6	68.4	

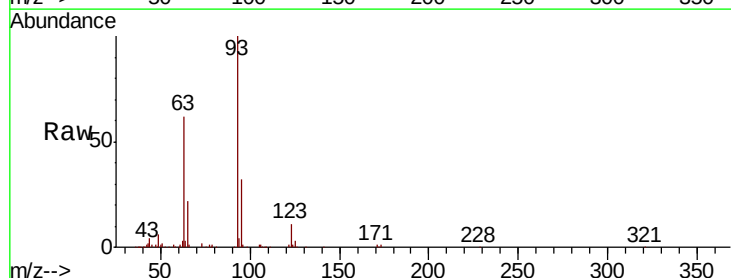
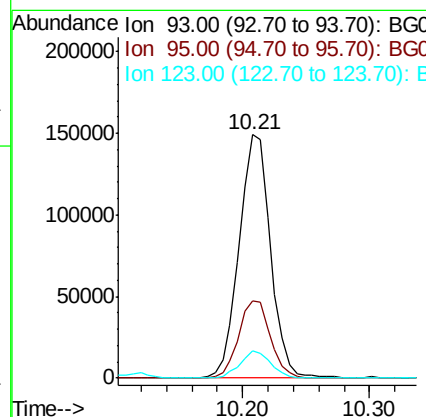
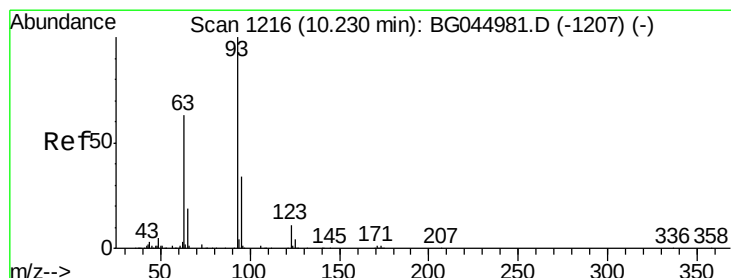
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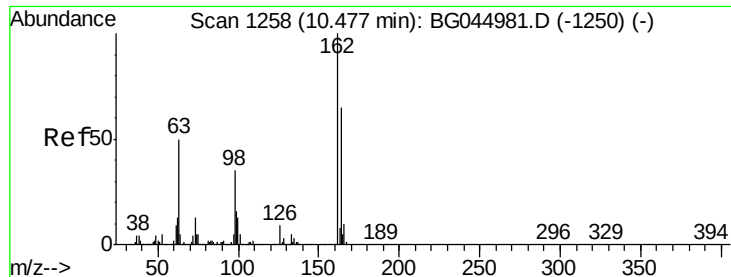
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.158 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	254567		
95	31.5	27.0	40.4	
123	11.1	8.7	13.1	





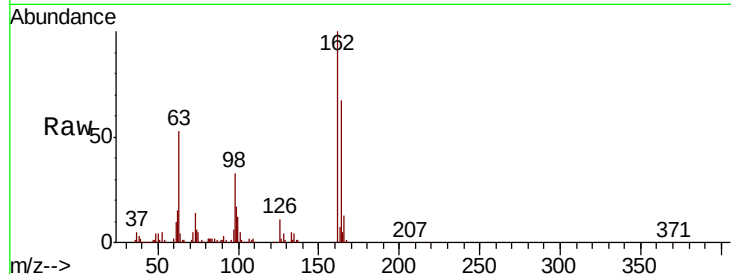
#29
2,4-Dichlorophenol
Concen: 44.616 ng
RT: 10.45 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampled :
PB128463BS

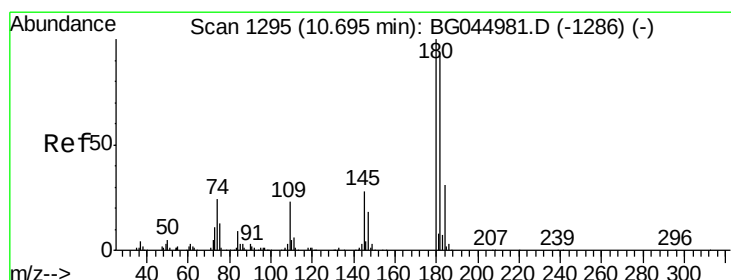
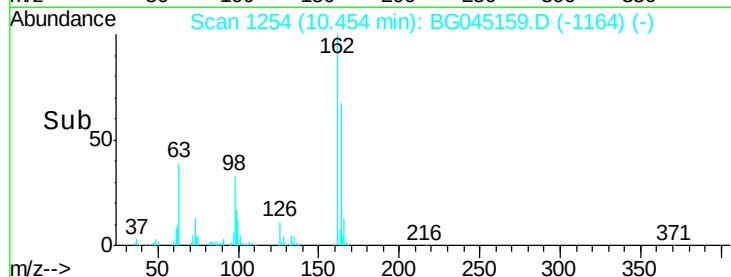
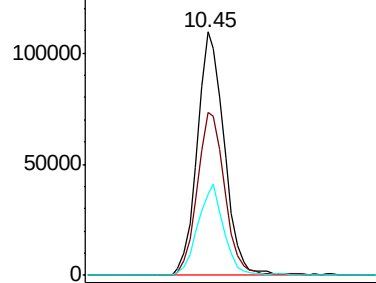
Tot Ion	Ratio	Resp	Lower	Upper
162	100	202553		
164	66.8	45.0	85.0	
98	33.5	15.2	55.2	

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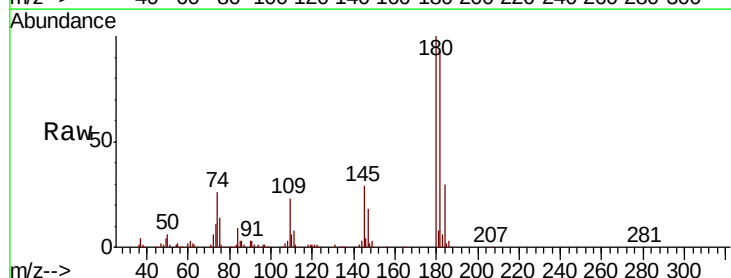


Abundance Ion 162.00 (161.70 to 162.70): E
150000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

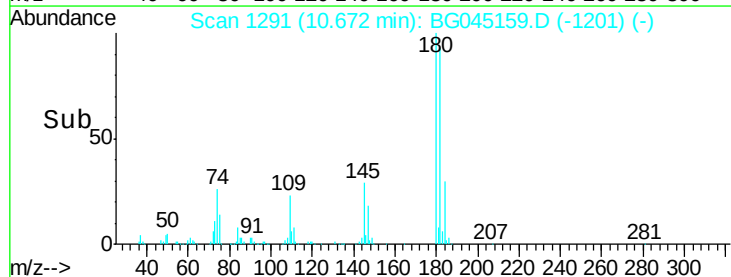
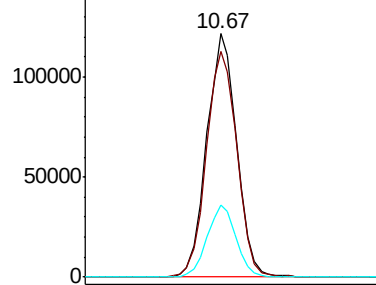


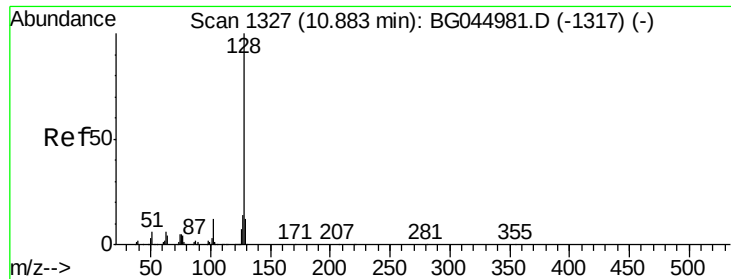
#30
1,2,4-Trichlorobenzene
Concen: 42.309 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	217473		
182	92.9	73.3	109.9	
145	29.4	22.6	33.8	



Abundance Ion 180.00 (179.70 to 180.70): E
150000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





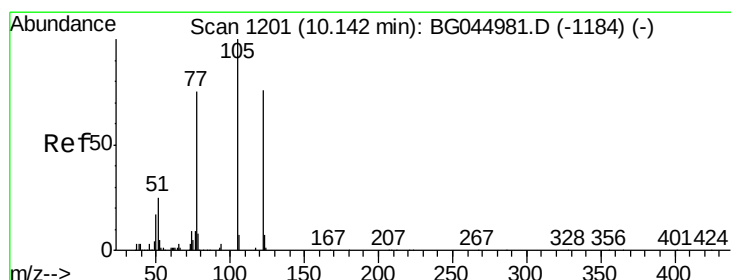
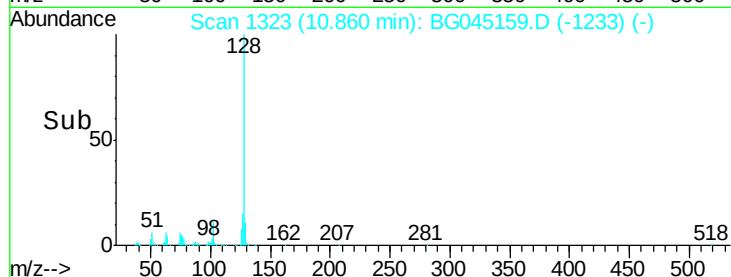
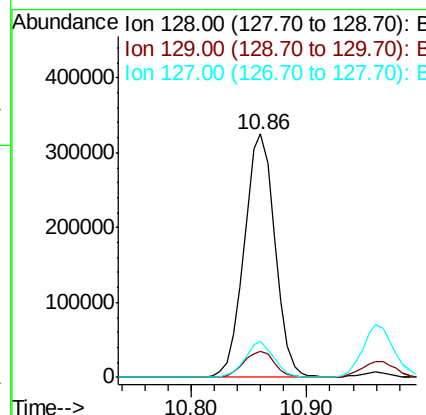
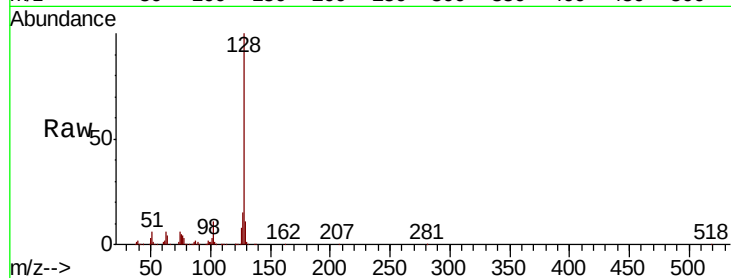
#31
Naphthalene
Concen: 42.820 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	14.7	10.8	16.2

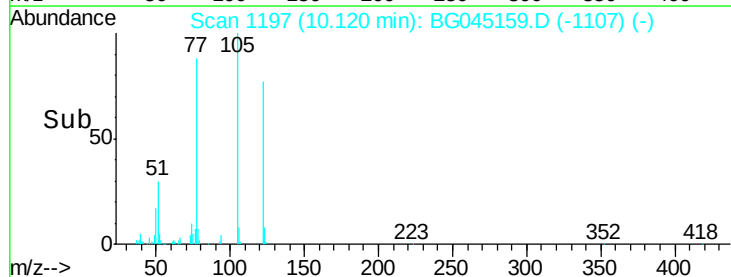
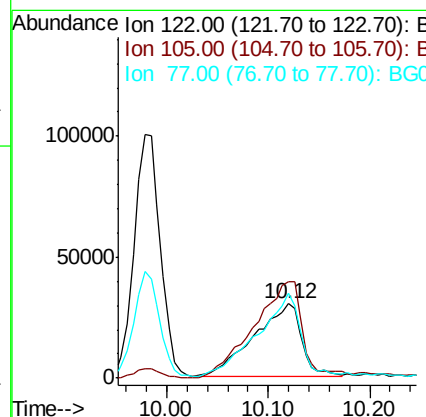
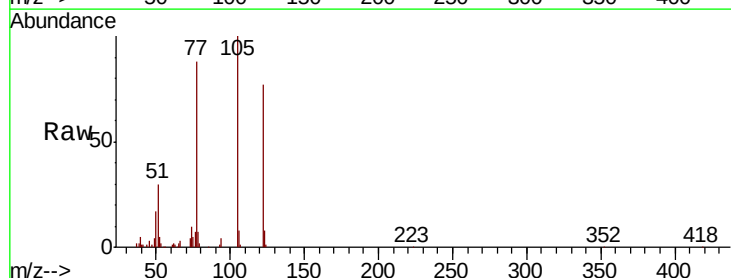
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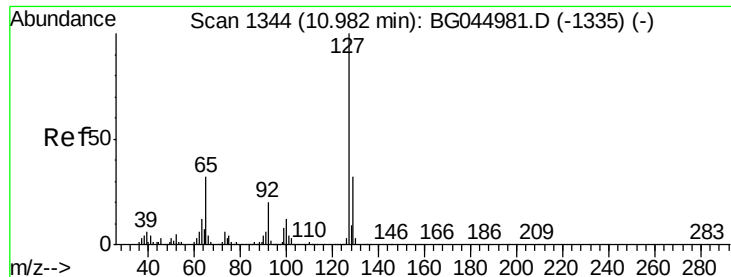
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#32
Benzoic acid
Concen: 32.945 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	108.4	148.4
77	114.3	78.8	118.8





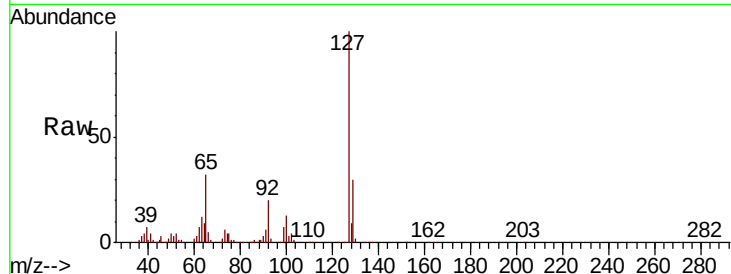
#33
4-Chloroaniline
Concen: 20.472 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

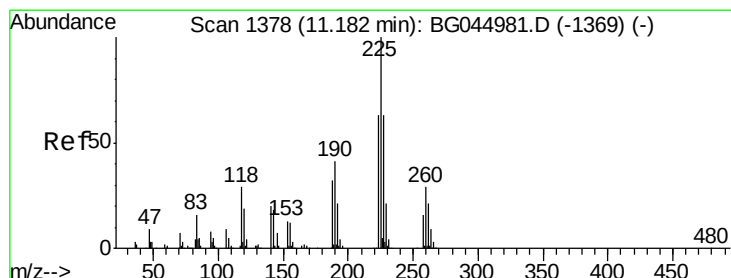
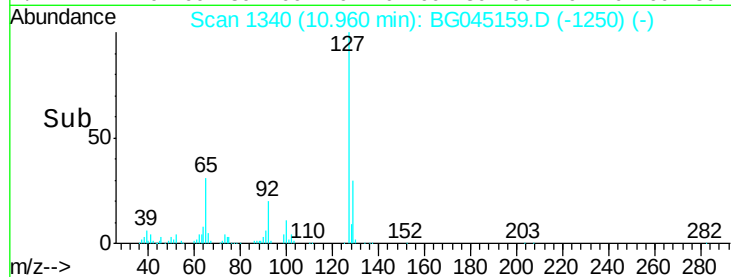
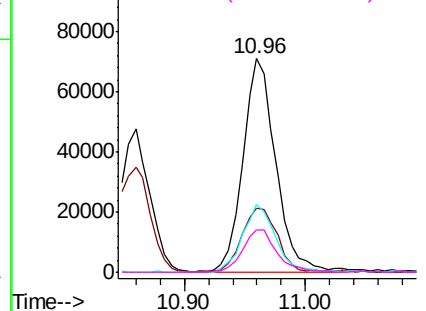
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7	25.7	38.5		
65	31.8	25.4	38.2		
92	19.5	16.1	24.1		

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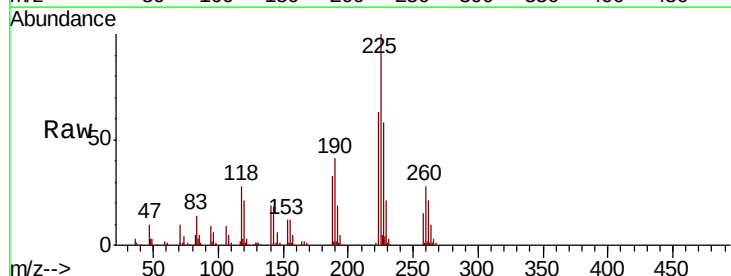


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

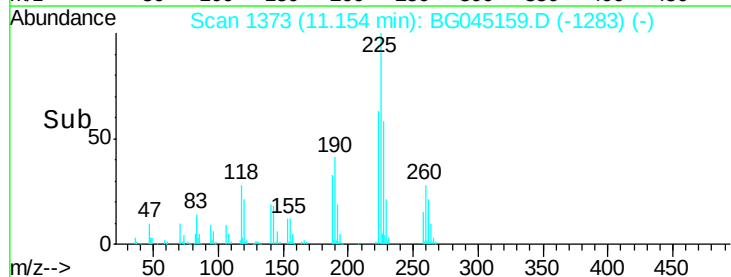
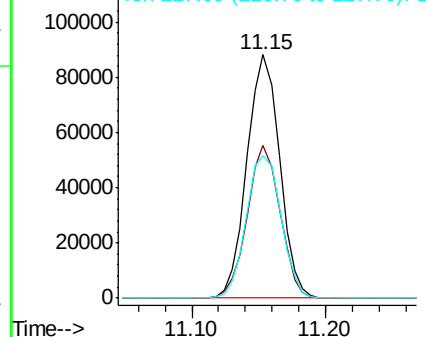


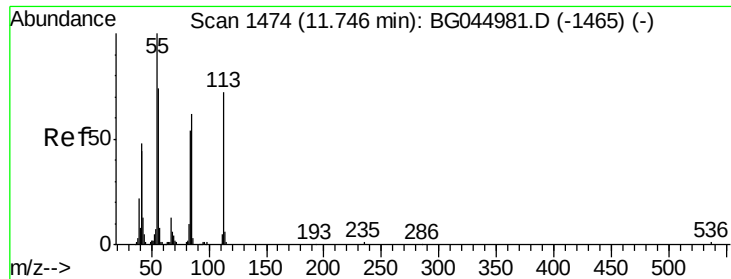
#34
Hexachlorobutadiene
Concen: 42.364 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.7	76.1		
227	58.4	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





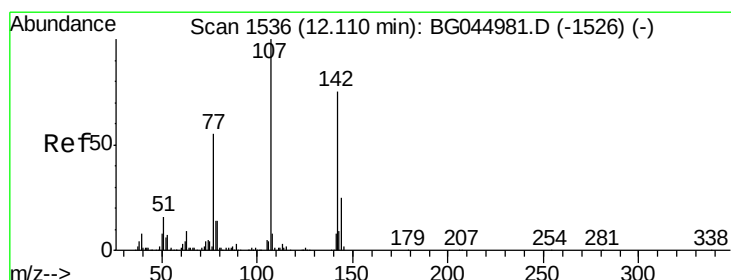
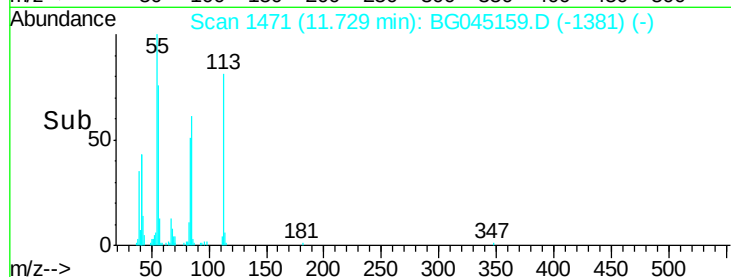
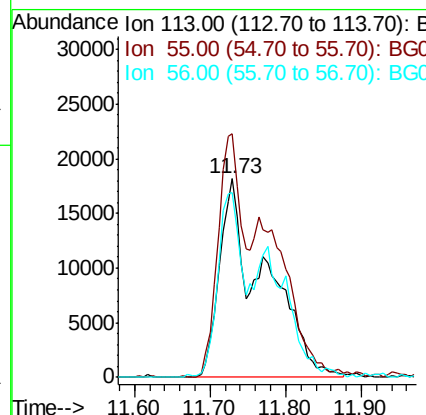
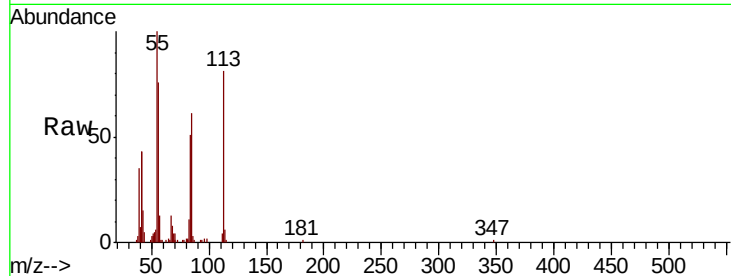
#35
 Caprolactam
 Concen: 40.986 ng/ml
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	122.8	118.8	158.8	
56	93.1	82.6	122.6	

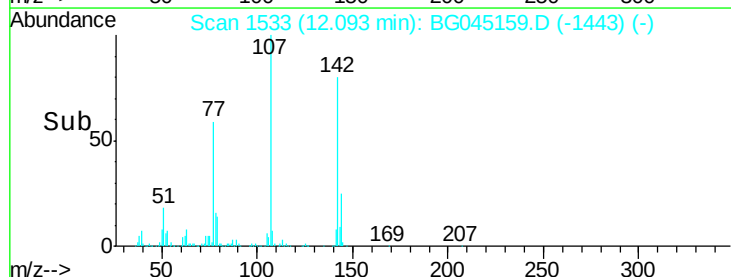
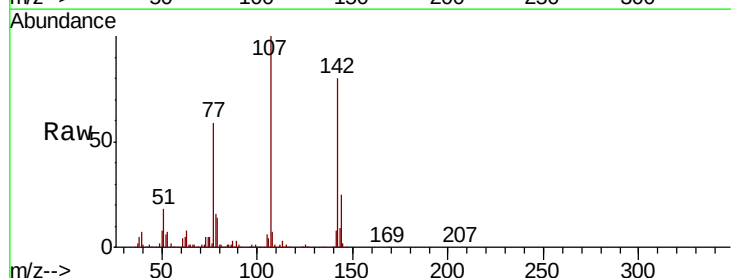
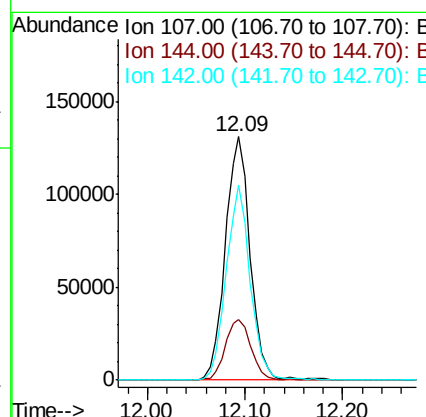
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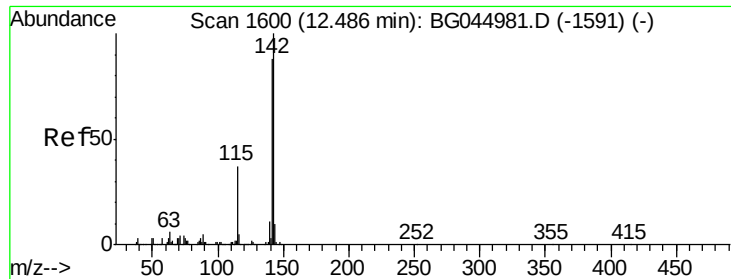
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#36
 4-Chloro-3-methylphenol
 Concen: 43.186 ng/ml
 RT: 12.09 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.8	19.8	29.6	
142	80.1	59.7	89.5	





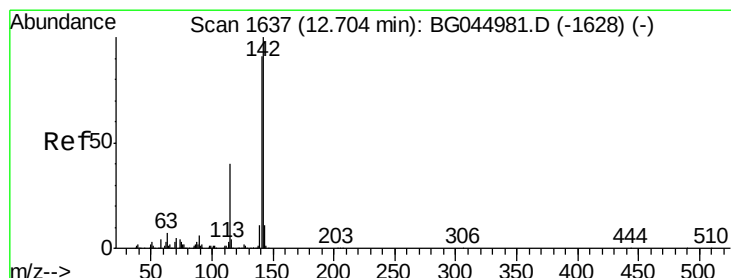
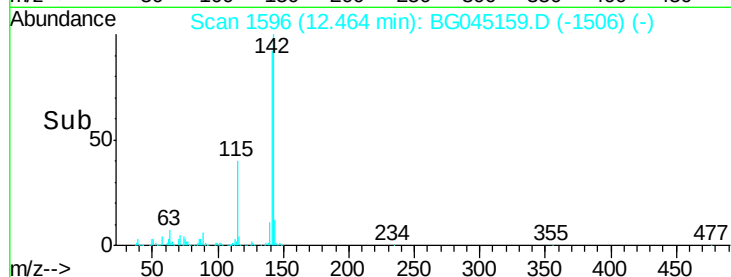
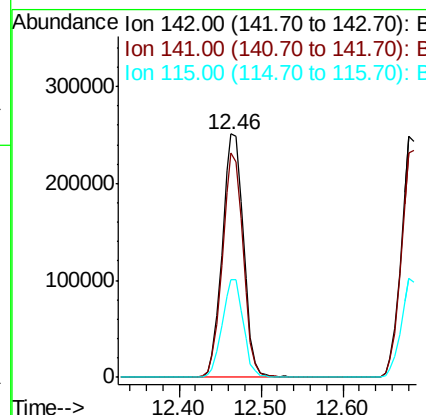
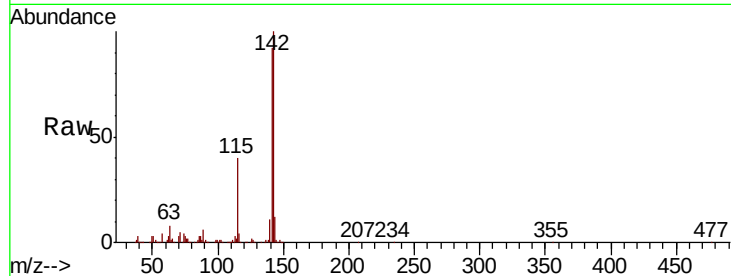
#37
2-Methylnaphthalene
Concen: 41.767 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.3	105.5
115	39.9	29.8	44.6

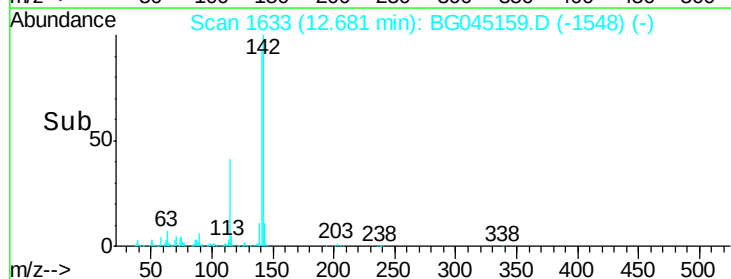
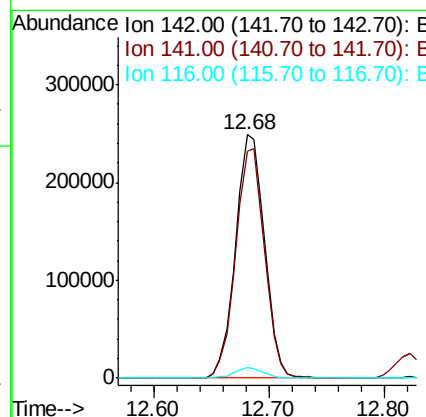
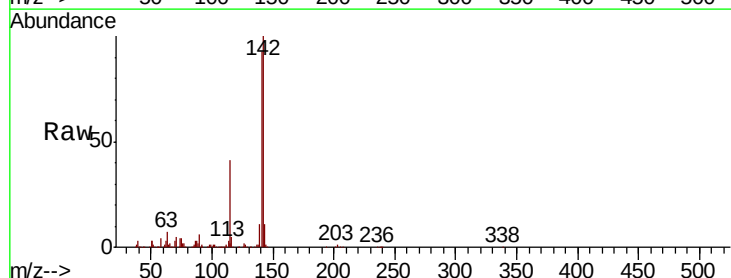
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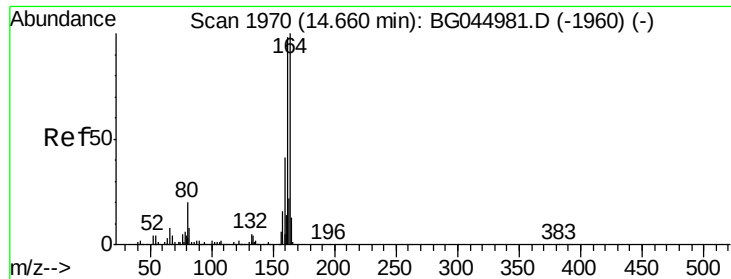
mohammad
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#38
1-Methylnaphthalene
Concen: 42.253 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.7	109.1
116	4.6	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: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

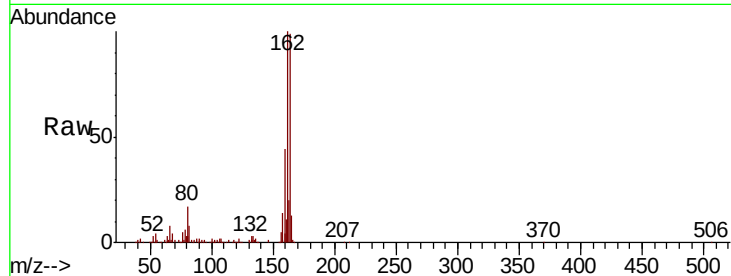
ClientSampleId :

PB128463BS

Tot Ion:	164	Resp:	185516
Ion Ratio	Lower	Upper	
164	100		
162	100.8	78.7	118.1
160	44.2	32.8	49.2

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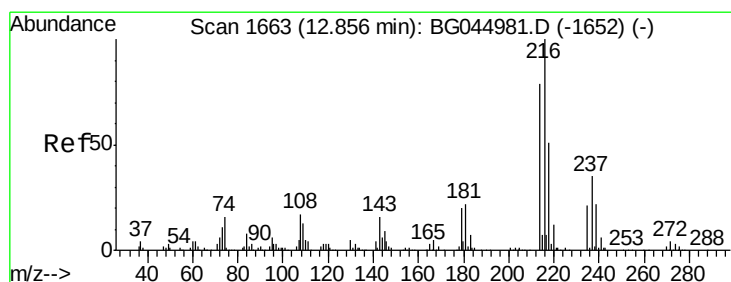
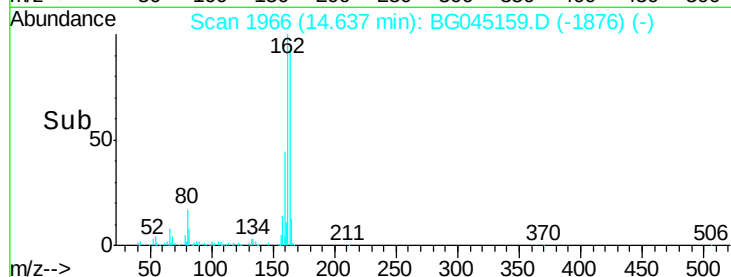
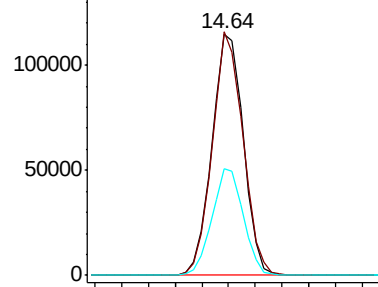


Abundance

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: 41.278 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	216	Resp:	246560
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.6
179	20.5	15.8	23.8
108	20.0	14.2	21.2

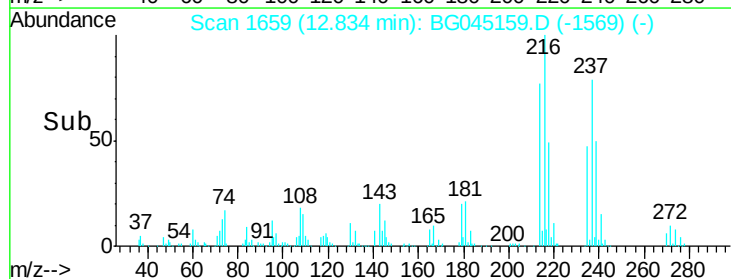
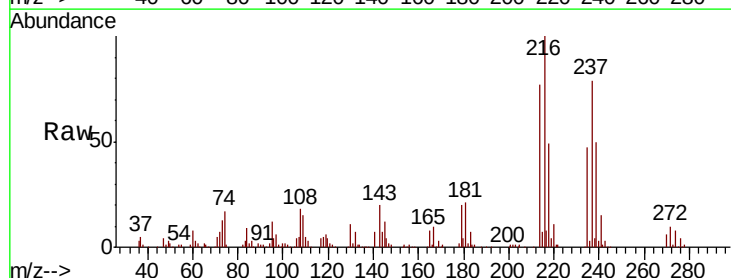
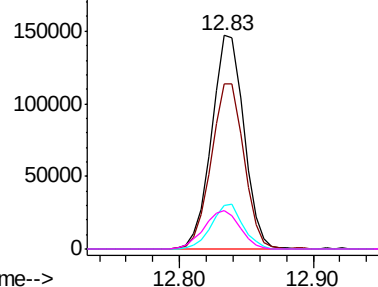
Abundance

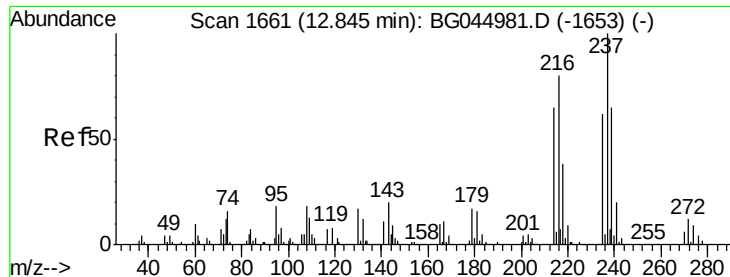
Ion 216.00 (215.70 to 216.70): E

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: 99.816 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

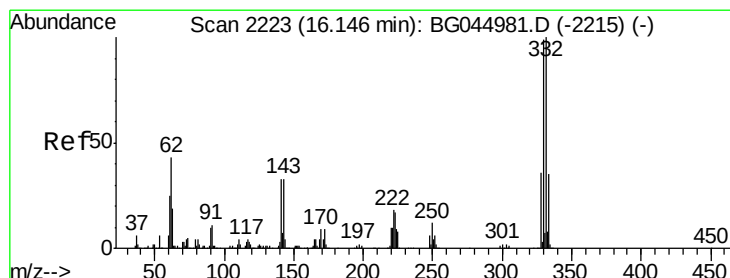
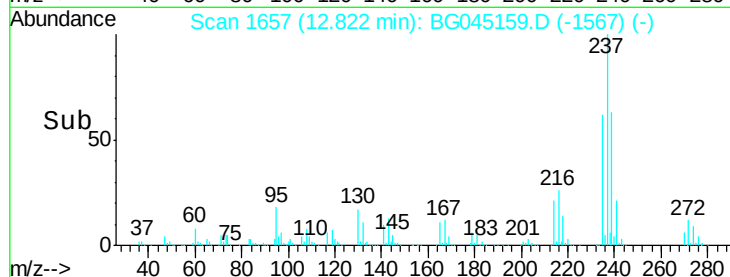
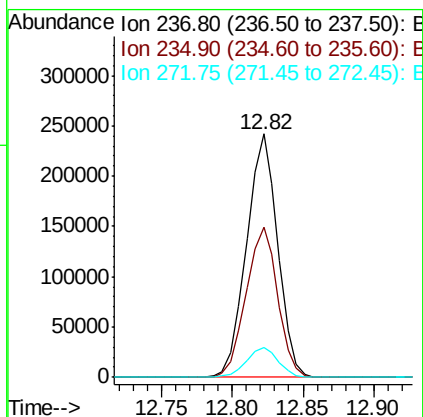
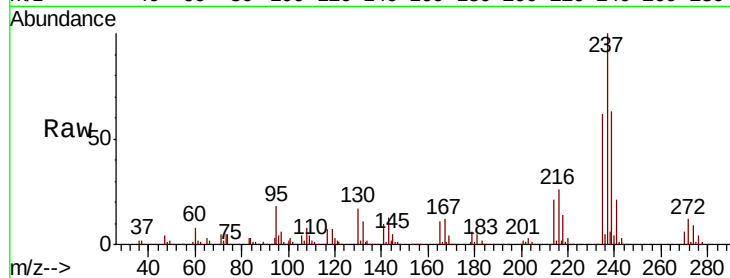
ClientSampleId :

PB128463BS

Tot Ion:	237	Resp:	372642
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.6	81.6
272	12.1	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 117.324 ng

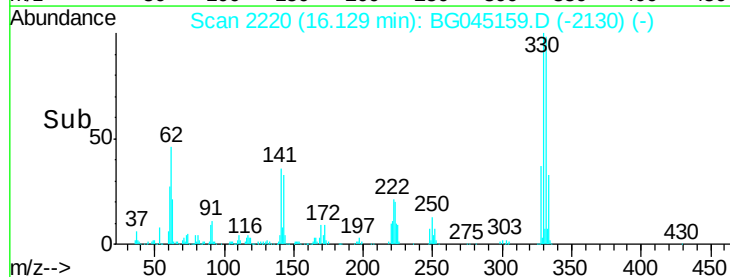
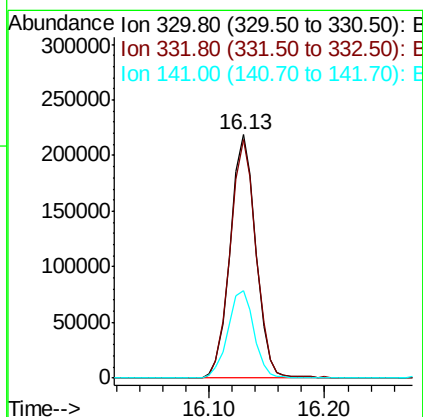
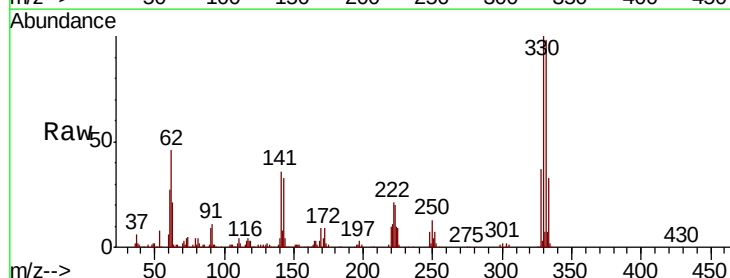
RT: 16.13 min Scan# 2220

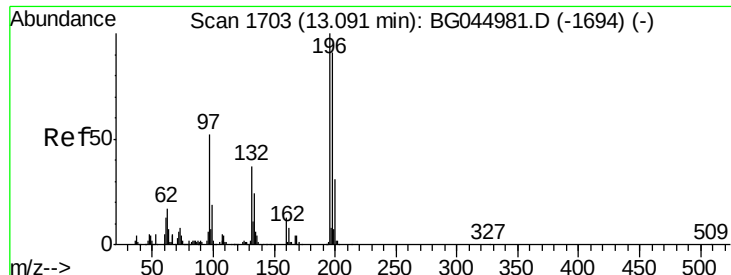
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	330	Resp:	336247
Ion Ratio	Lower	Upper	
330	100		
332	99.4	79.1	118.7
141	36.9	27.1	40.7





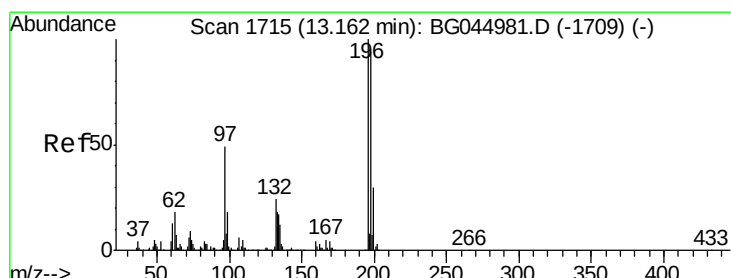
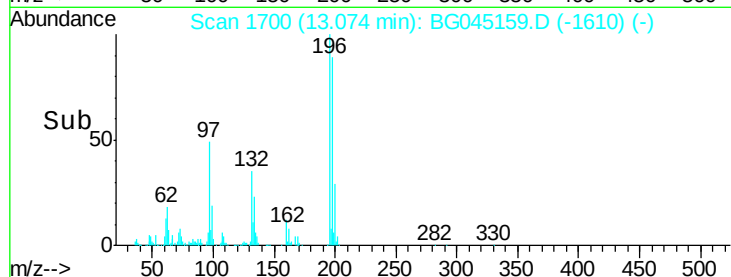
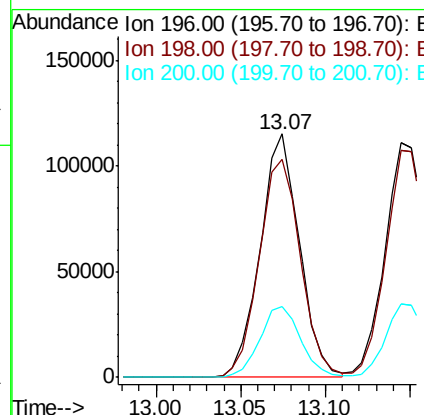
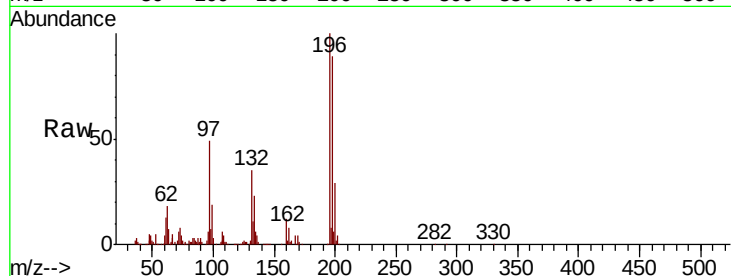
#43
 2,4,6-Trichlorophenol
 Concen: 44.160 ng
 RT: 13.07 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186162		
198	89.3	72.5	108.7	
200	28.9	24.5	36.7	

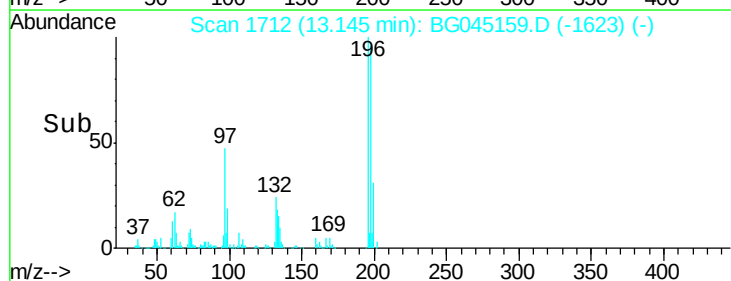
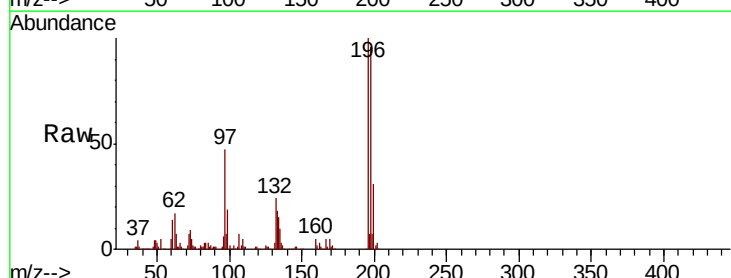
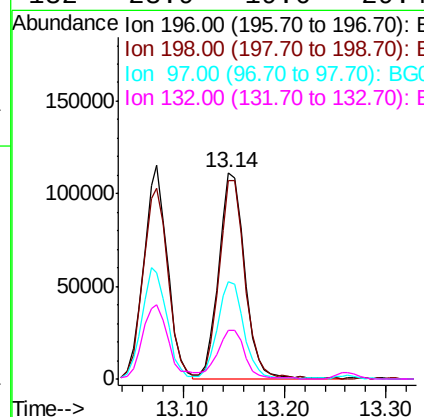
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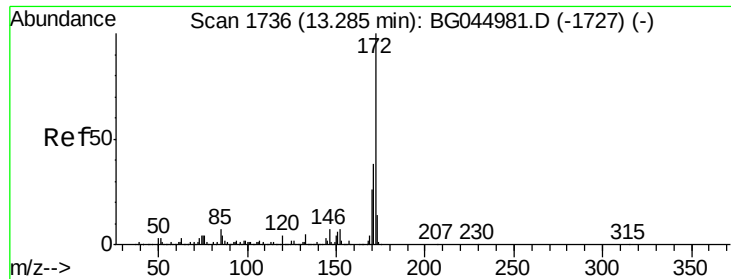
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.420 ng
 RT: 13.14 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198755		
198	96.5	75.7	113.5	
97	47.2	39.6	59.4	
132	23.9	19.6	29.4	





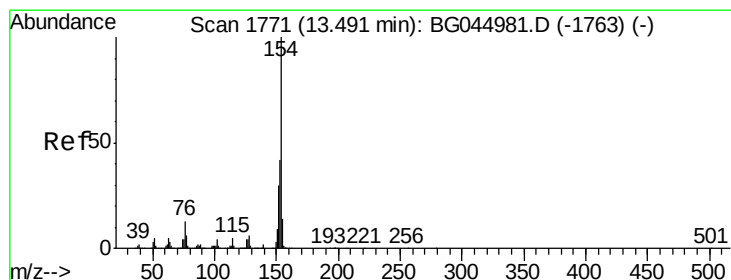
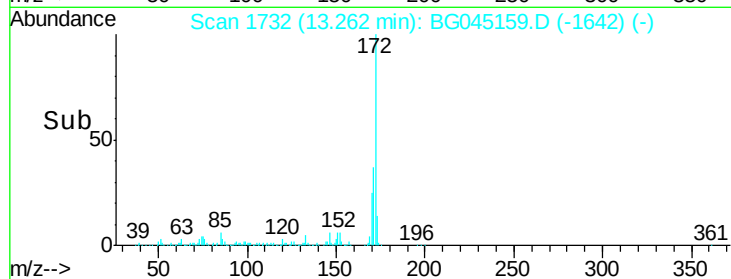
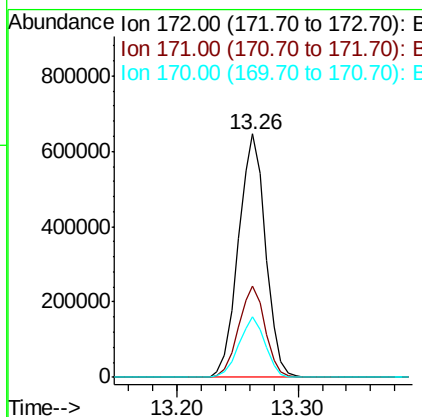
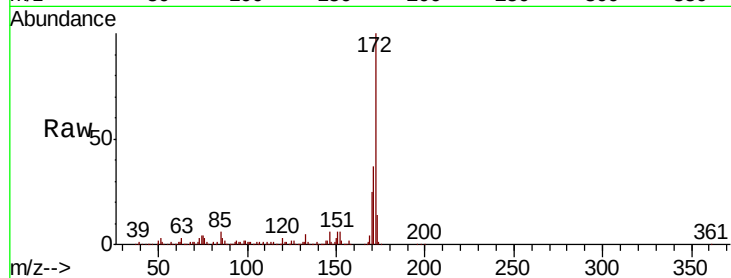
#45
2-Fluorobiphenyl
Concen: 79.819 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.8	20.5	30.7

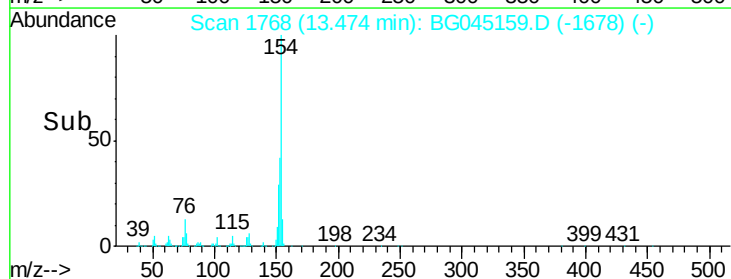
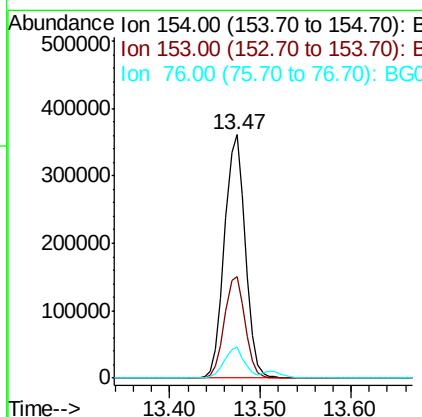
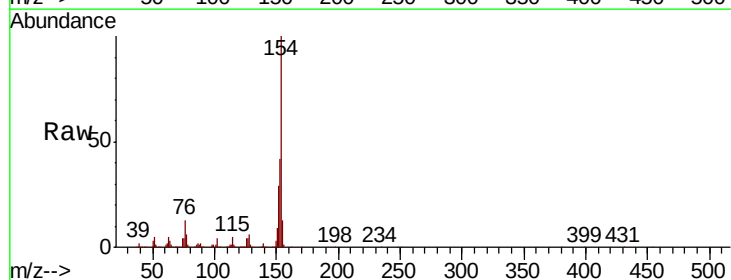
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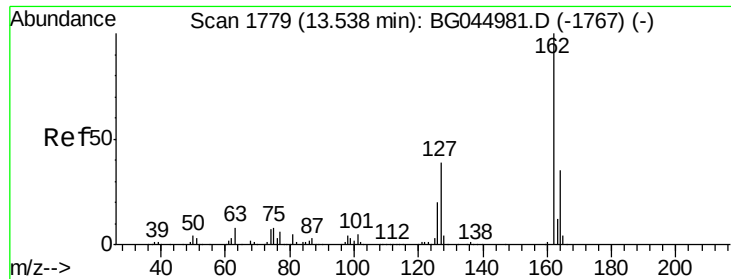
mohammad
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#46
1,1'-Biphenyl
Concen: 40.751 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.6	0.0	33.1





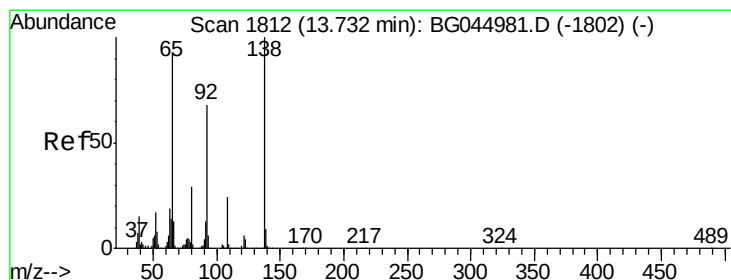
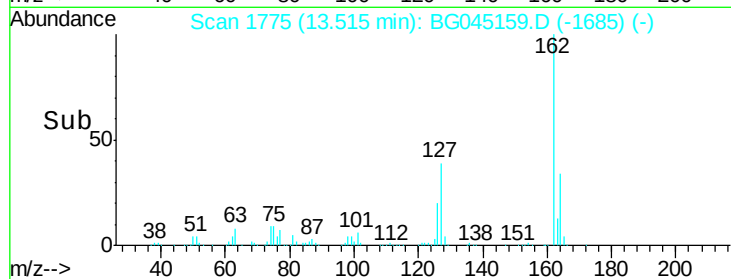
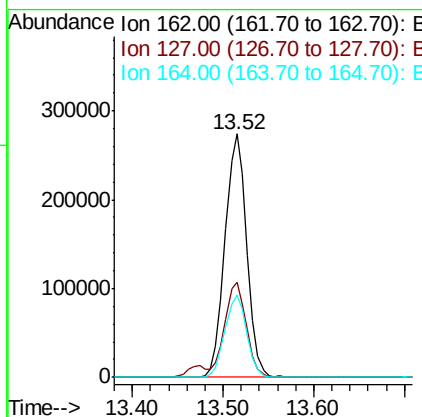
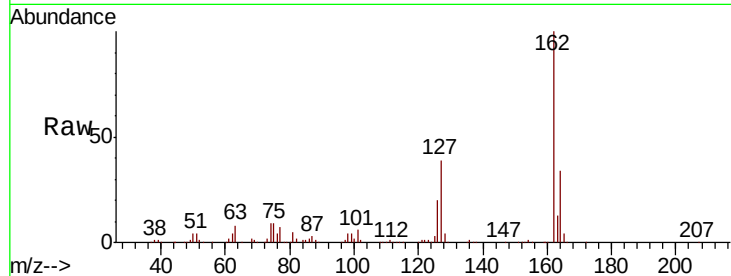
#47
2-Chloronaphthalene
Concen: 42.155 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.3	46.9
164	34.0	27.8	41.8

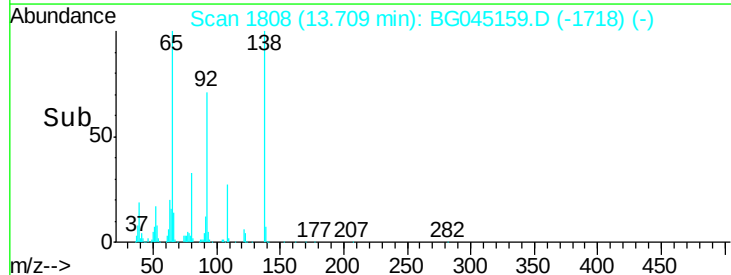
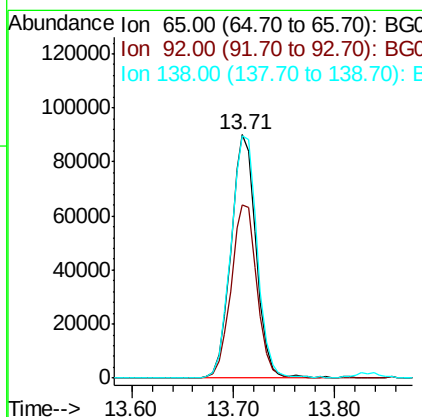
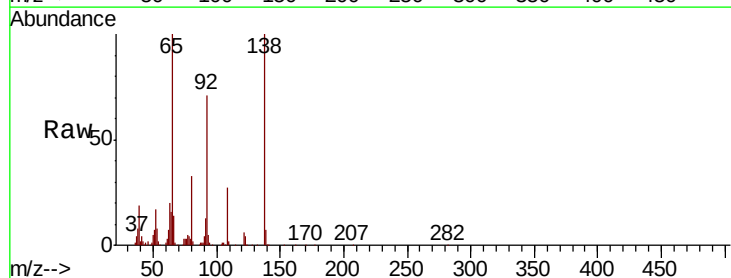
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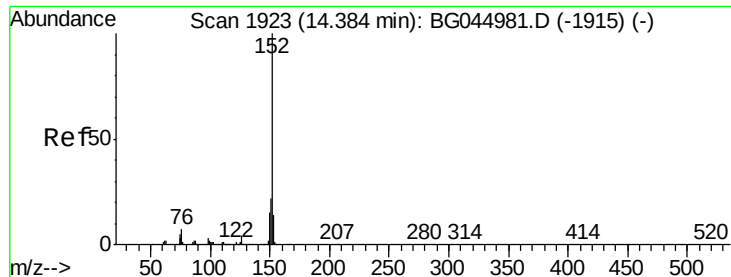
mohammad
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#48
2-Nitroaniline
Concen: 43.382 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.3	87.5
138	99.8	85.6	128.4





#49

Acenaphthylene

Concen: 42.174 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

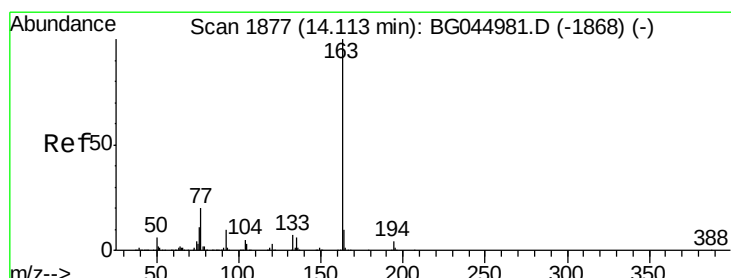
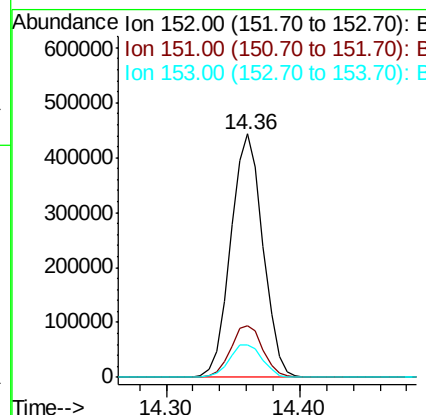
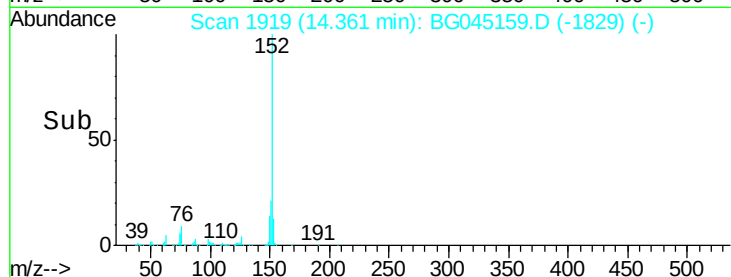
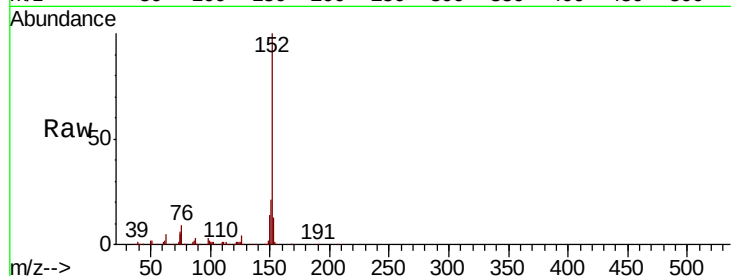
ClientSampleId :

PB128463BS

Tot Ion:	152	Resp:	740139
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.2	25.8
153	13.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 41.925 ng

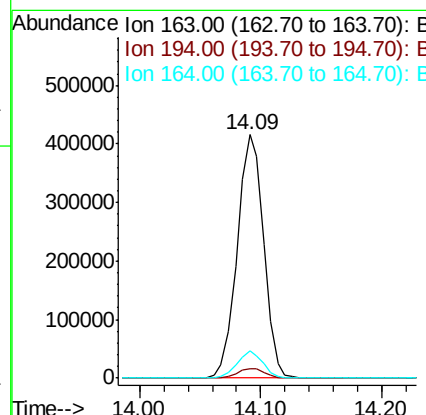
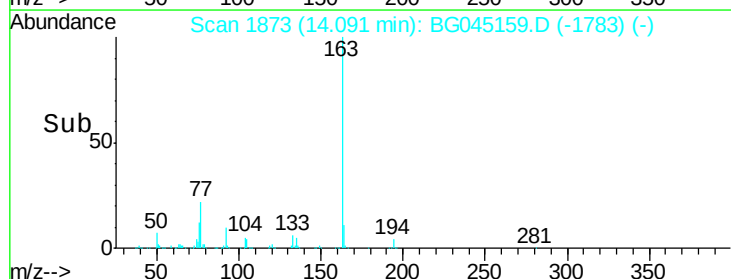
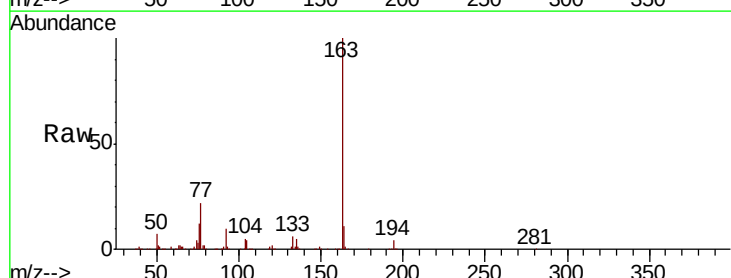
RT: 14.09 min Scan# 1873

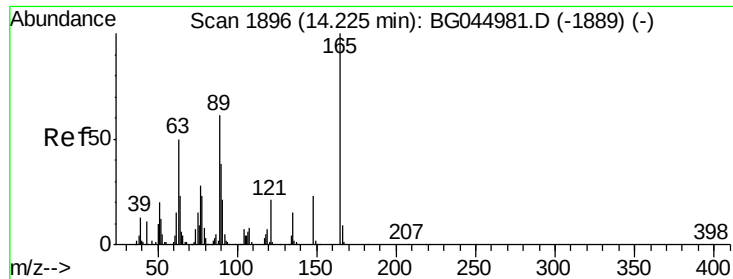
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	163	Resp:	633296
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	11.2	8.2	12.4





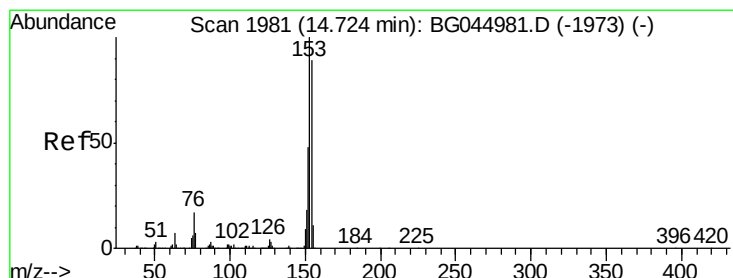
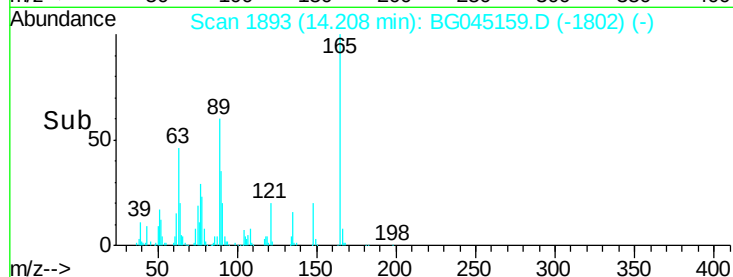
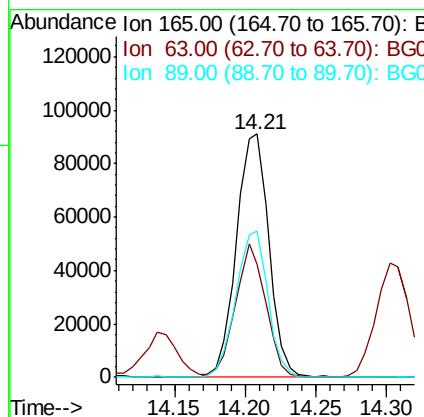
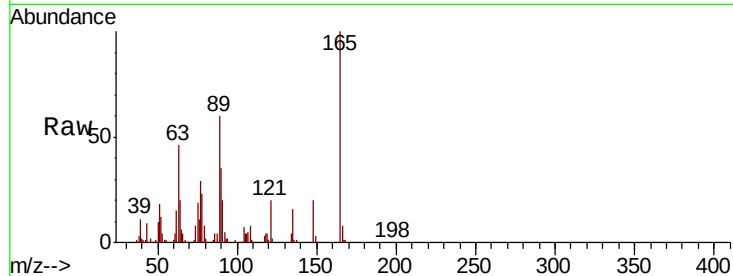
#51
2,6-Dinitrotoluene
Concen: 43.297 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	146288		
63	46.2		40.4	60.6
89	60.2		49.1	73.7

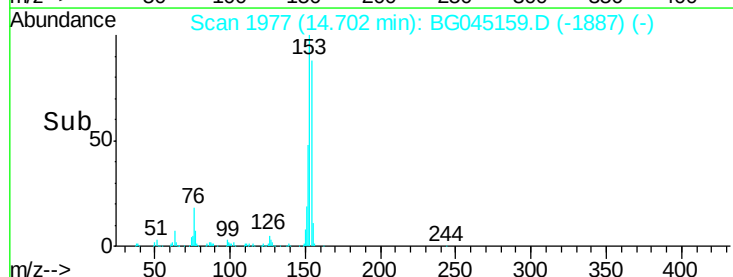
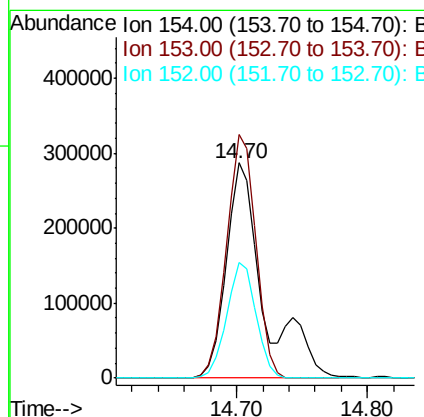
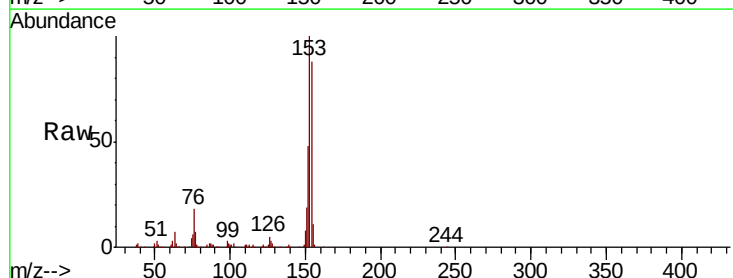
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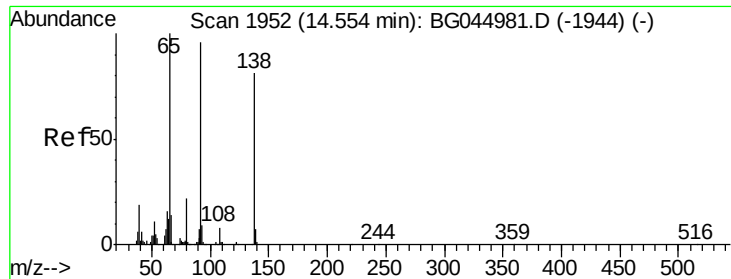
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#52
Acenaphthene
Concen: 48.006 ng m
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	570027		
153	113.2		89.7	134.5
152	54.0		43.1	64.7





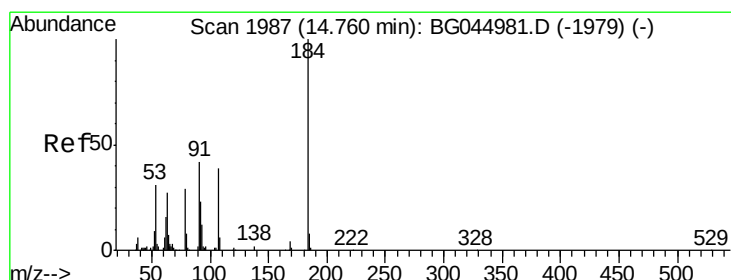
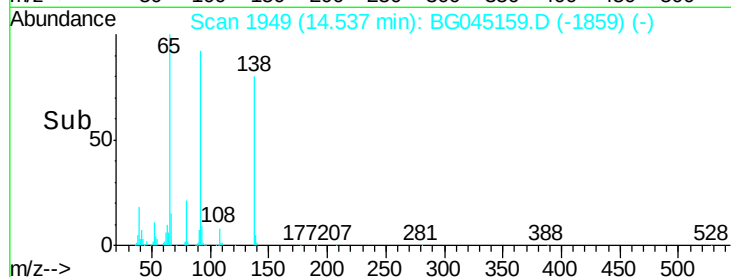
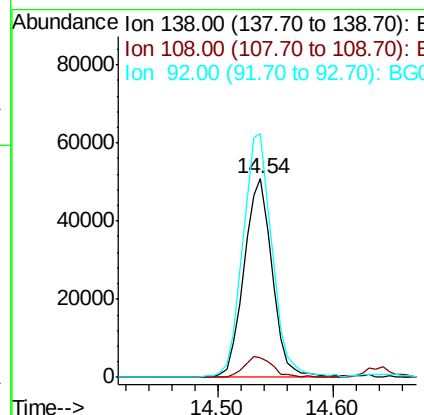
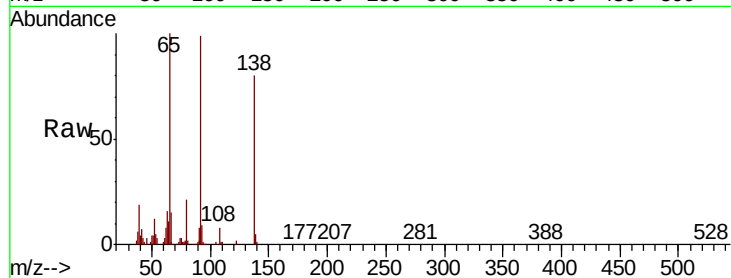
#53
3-Nitroaniline
Concen: 23.303 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.8
92	122.7	94.5	141.7

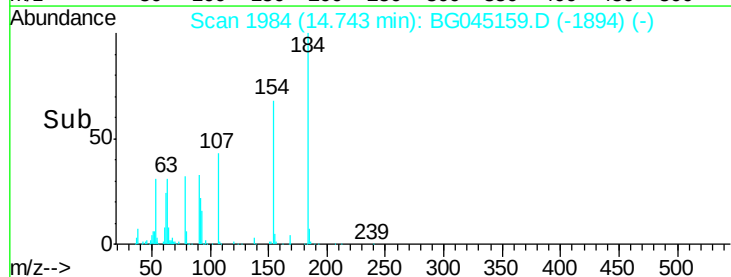
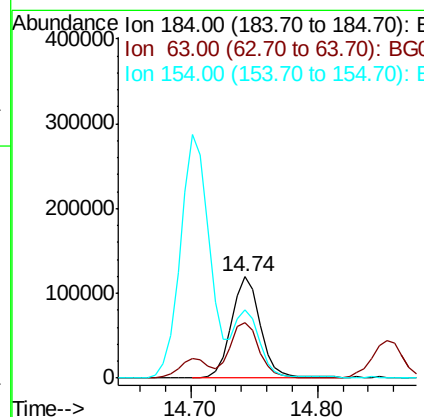
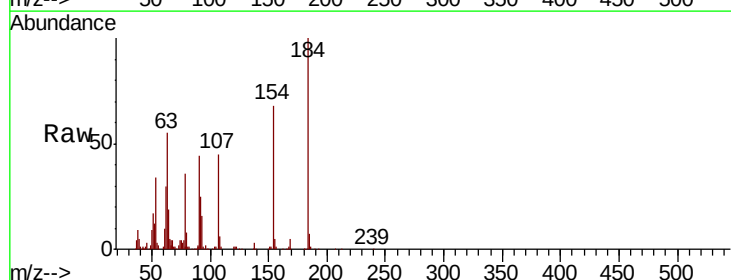
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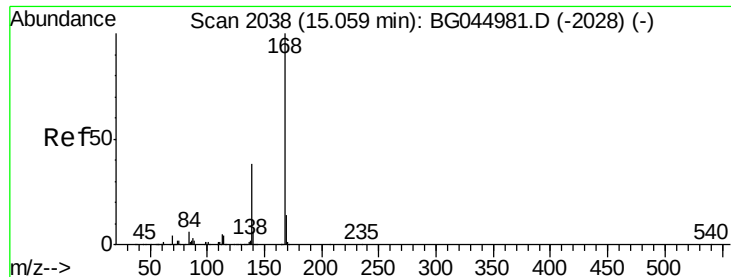
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#54
2,4-Dinitrophenol
Concen: 93.783 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	41.5	62.3
154	67.6	52.3	78.5





#55

Dibenzenofuran

Concen: 41.987 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

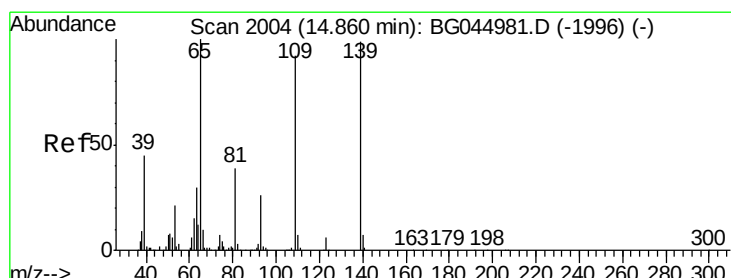
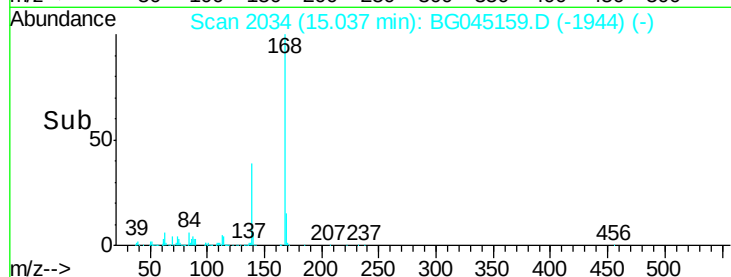
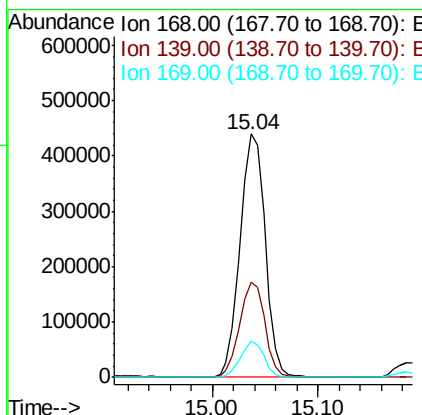
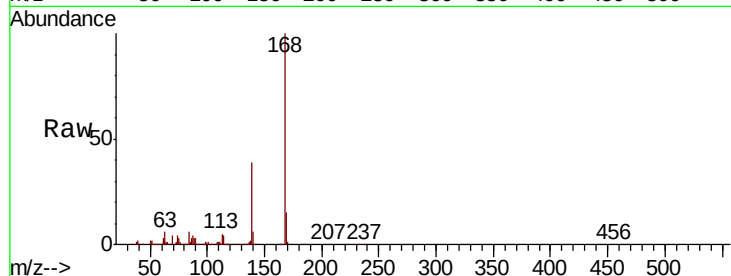
ClientSampleId :

PB128463BS

Tot Ion:	168	Resp:	726849
Ion Ratio	Lower	Upper	
168	100		
139	39.2	30.4	45.6
169	14.8	11.0	16.4

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#56

4-Nitrophenol

Concen: 85.672 ng

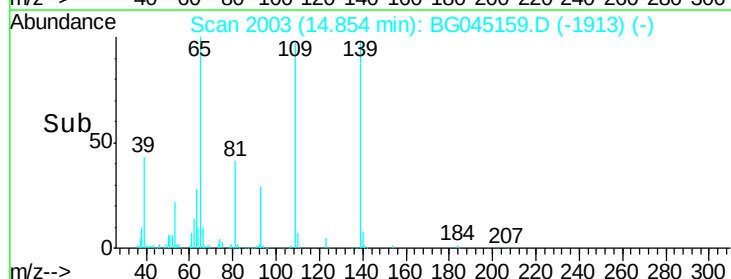
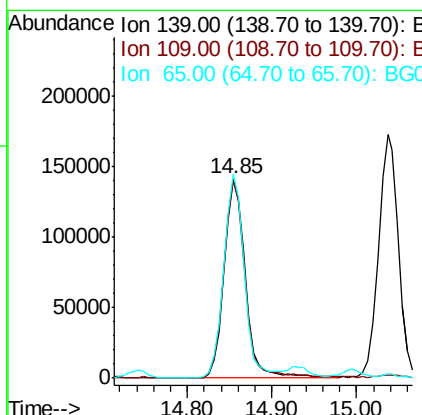
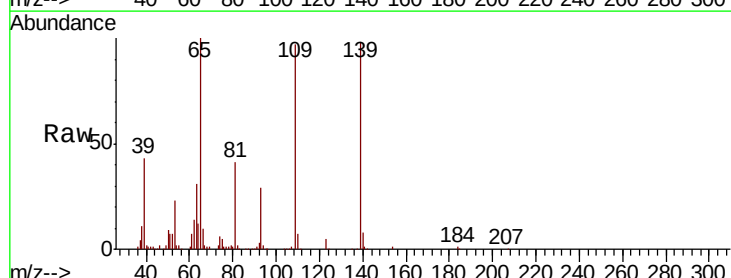
RT: 14.85 min Scan# 2003

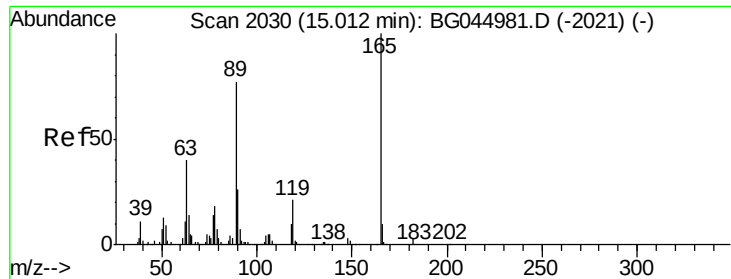
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	139	Resp:	246154
Ion Ratio	Lower	Upper	
139	100		
109	99.4	73.6	113.6
65	102.4	81.2	121.2





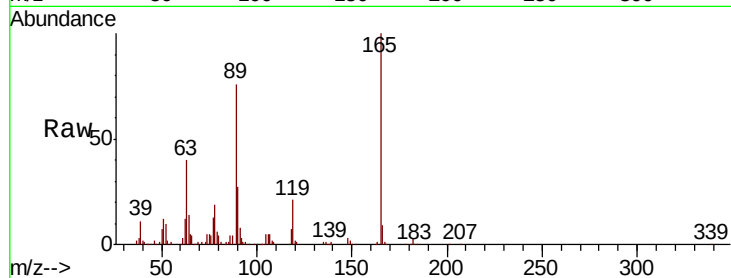
#57
 2,4-Dinitrotoluene
 Concen: 42.185 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	208292		
63	40.3		32.2	48.2
89	76.0		61.7	92.5
182	2.7		2.0	3.0

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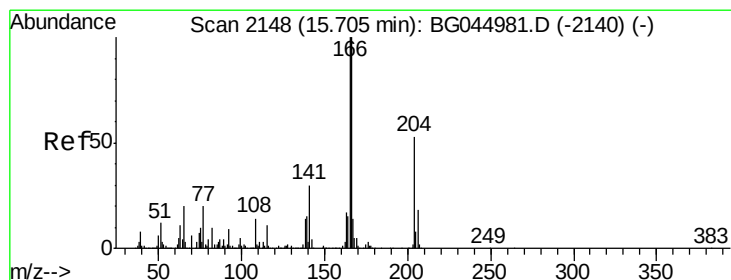
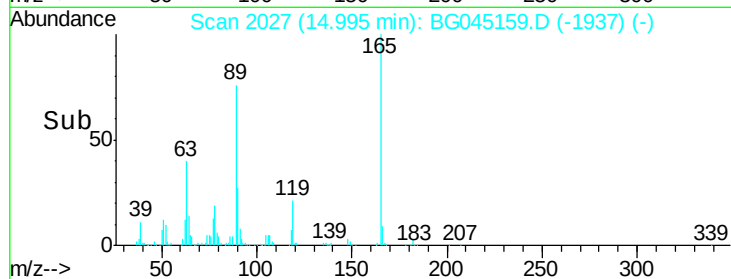
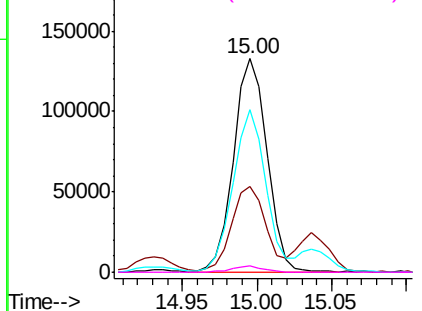
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

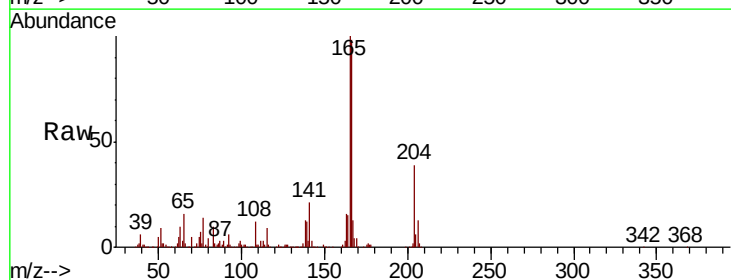
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.711 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	603949		
165	102.2		79.9	119.9
167	13.7		11.4	17.0

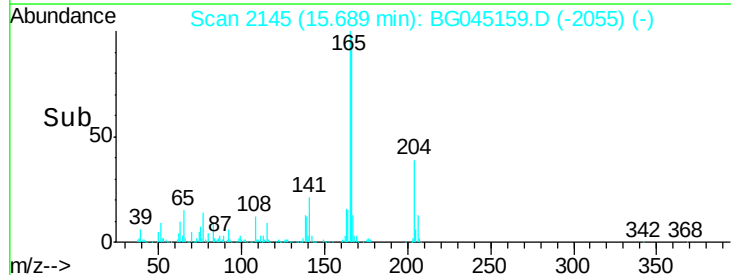
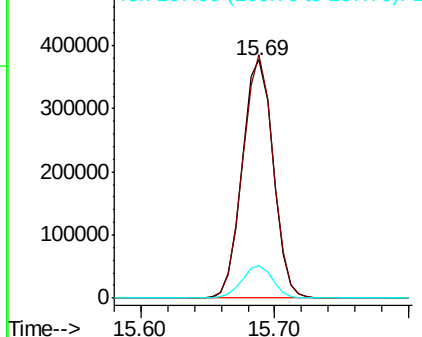


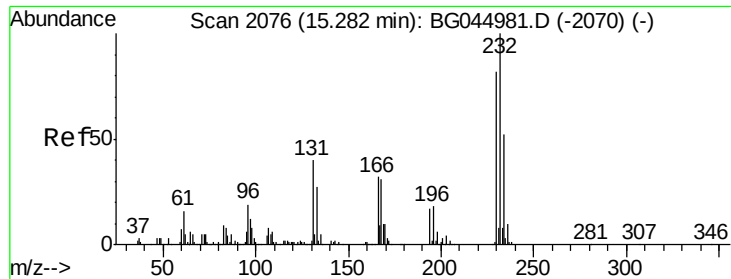
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





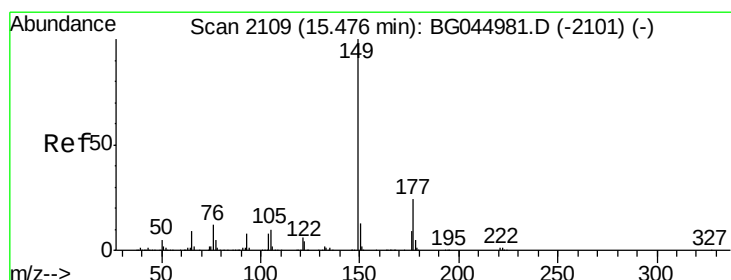
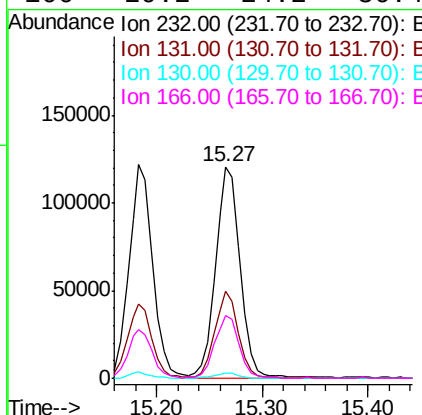
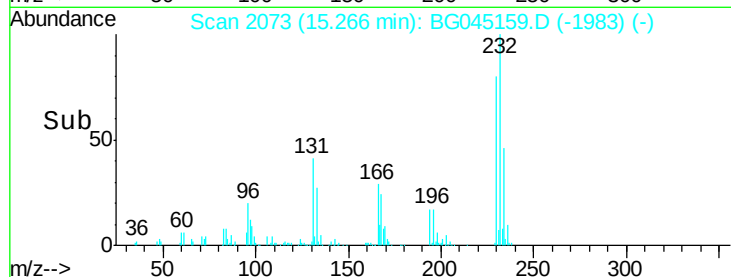
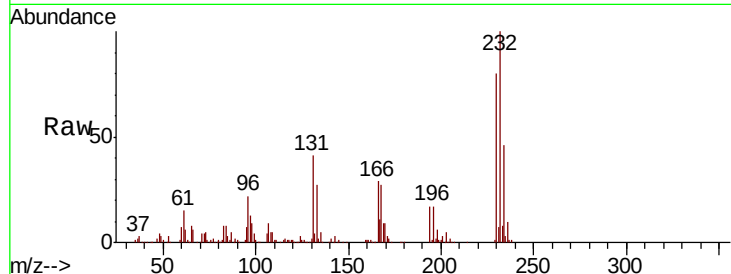
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.724 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	195225		
131	39.2		32.2	48.2
130	2.4		2.2	3.2
166	29.2		24.2	36.4

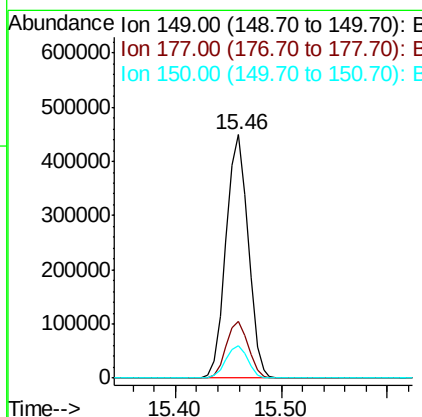
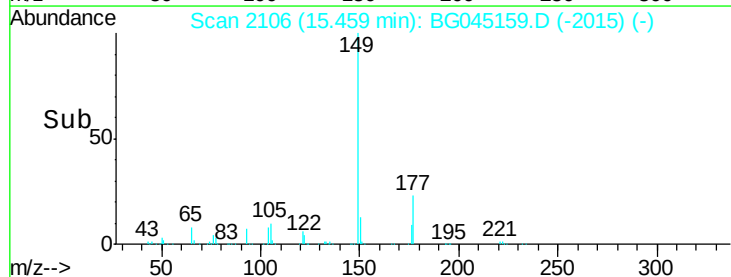
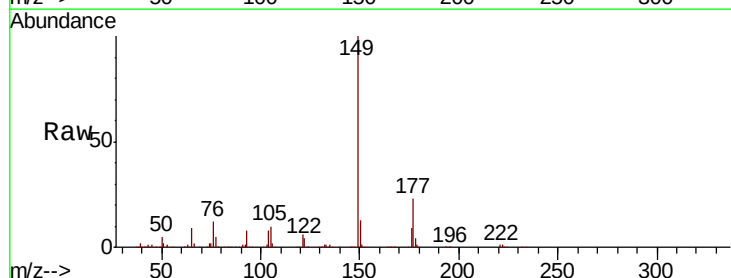
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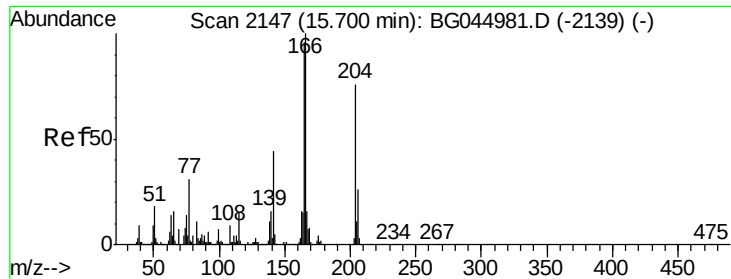
mohammad
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#60
 Diethylphthalate
 Concen: 41.521 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	653919		
177	23.3		18.9	28.3
150	13.2		10.6	15.8





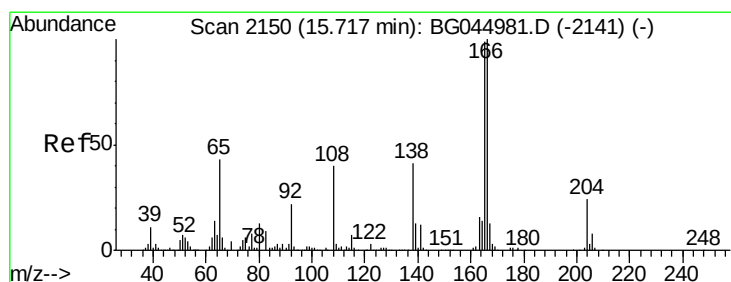
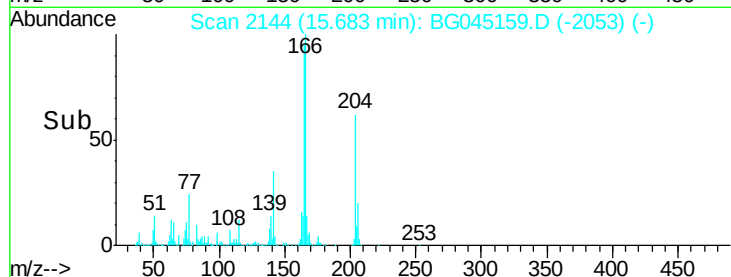
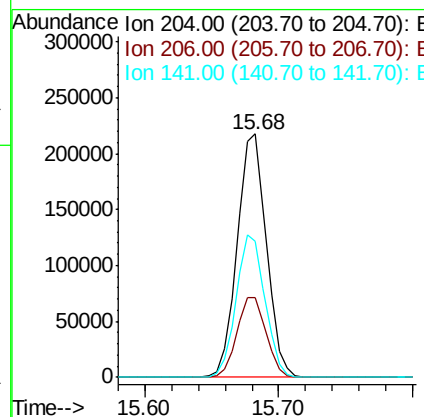
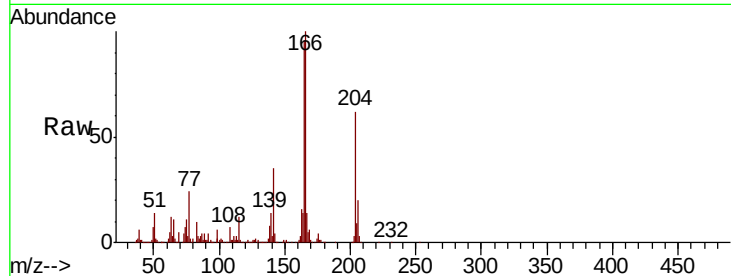
#61
4-Chlorophenyl-phenylether
Concen: 40.677 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampled :
PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	331069		
206	32.9	26.9	40.3	
141	56.0	46.3	69.5	

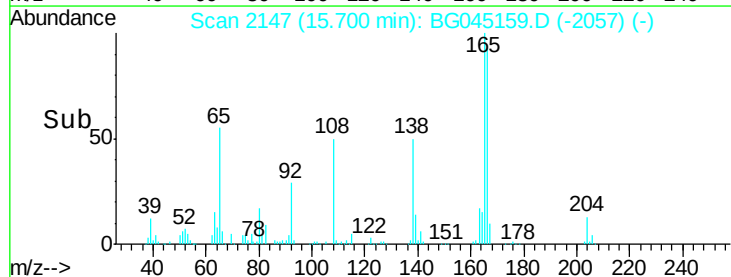
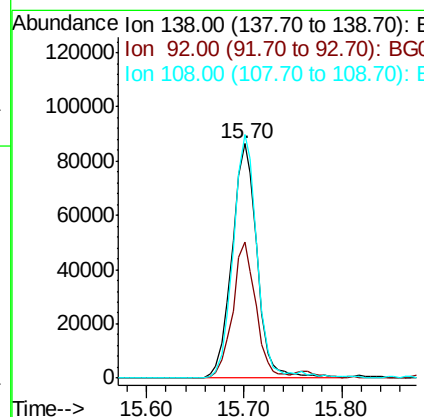
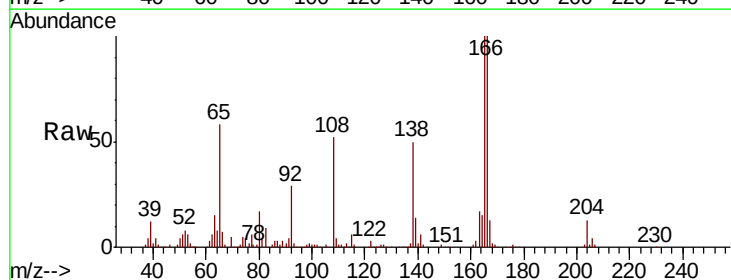
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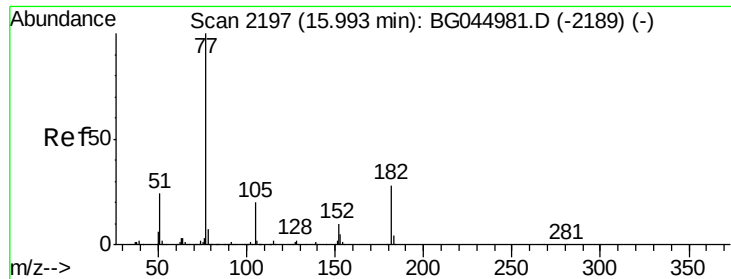
mohammad
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#62
4-Nitroaniline
Concen: 40.159 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	154350		
92	57.9	33.6	73.6	
108	103.8	78.2	118.2	





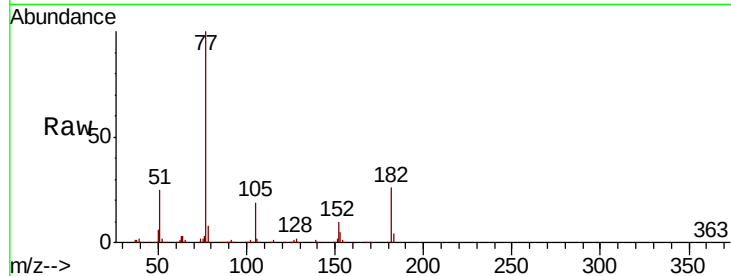
#63
Azobenzene
Concen: 42.600 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		618559		
182	25.9	8.4	48.4		
105	18.8	0.5	40.5		
51	25.1	4.4	44.4		

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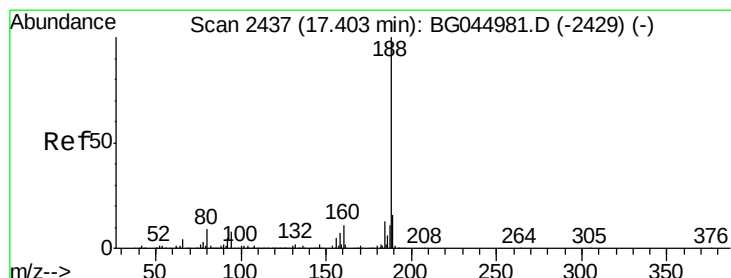
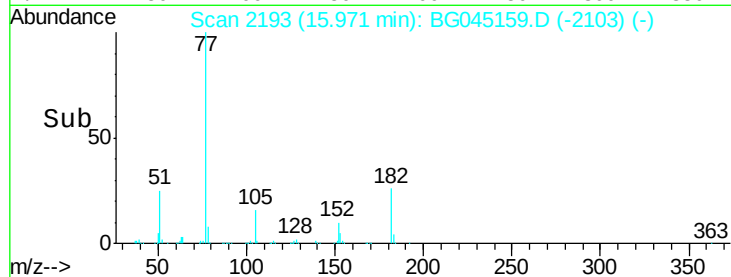
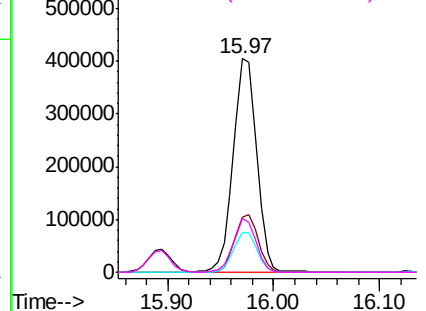
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

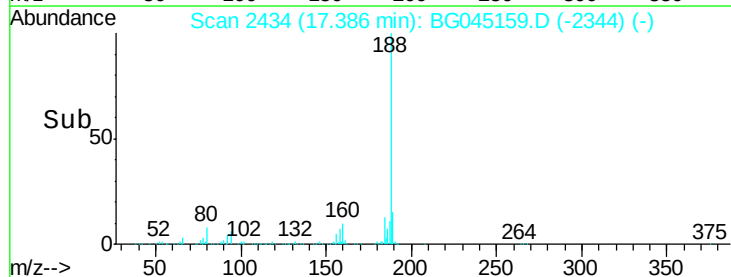
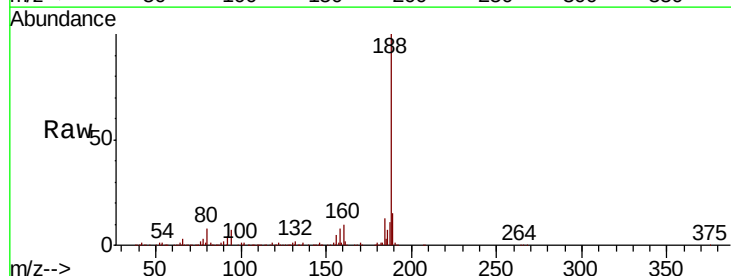
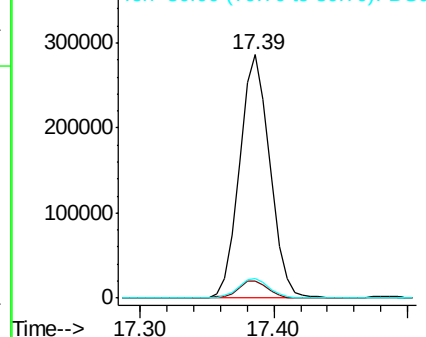
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		449779		
94	6.8	6.2	9.4		
80	8.2	7.0	10.6		

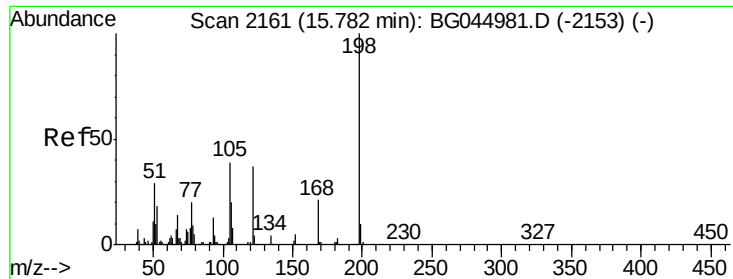
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





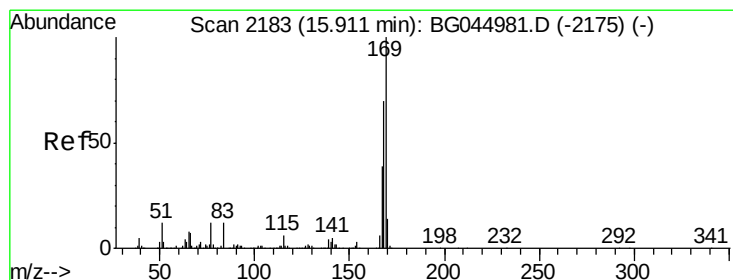
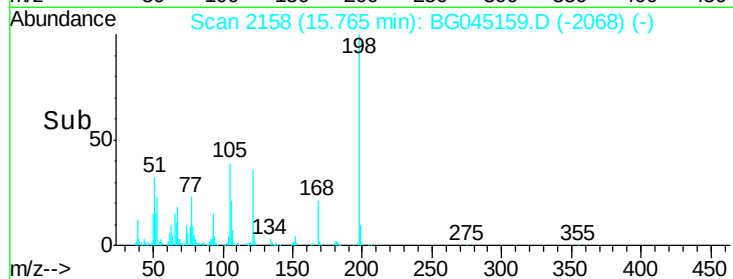
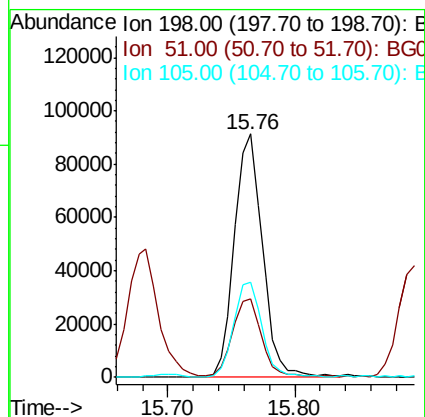
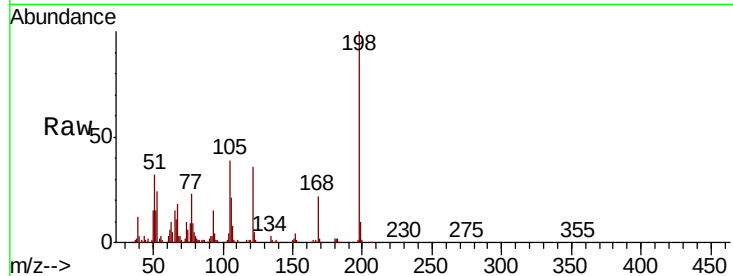
#65
4,6-Dinitro-2-methylphenol
Concen: 47.573 ng
RT: 15.76 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	140646		
51	32.4	10.0	50.0	
105	39.2	18.9	58.9	

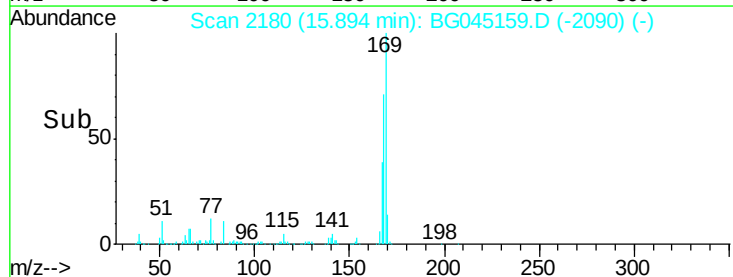
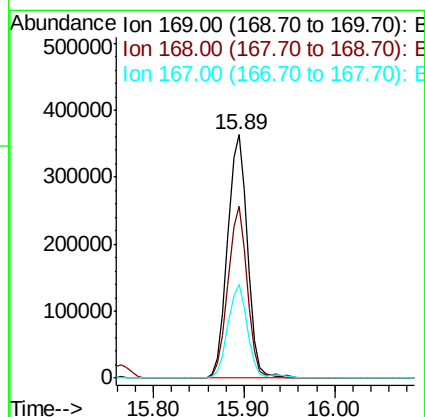
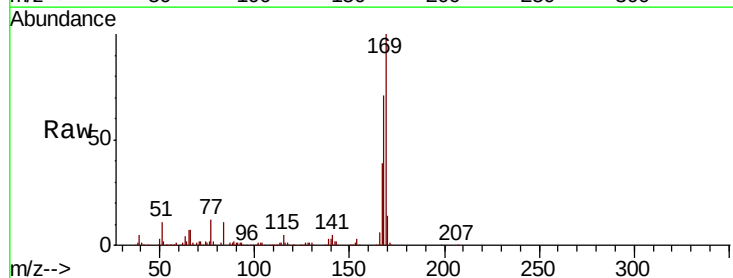
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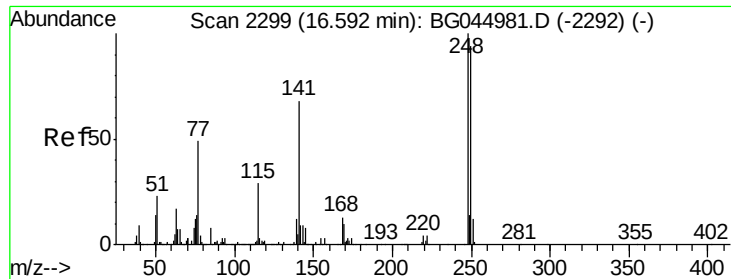
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#66
n-Nitrosodiphenylamine
Concen: 42.664 ng
RT: 15.89 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	551350		
168	70.8	55.8	83.8	
167	38.8	30.8	46.2	





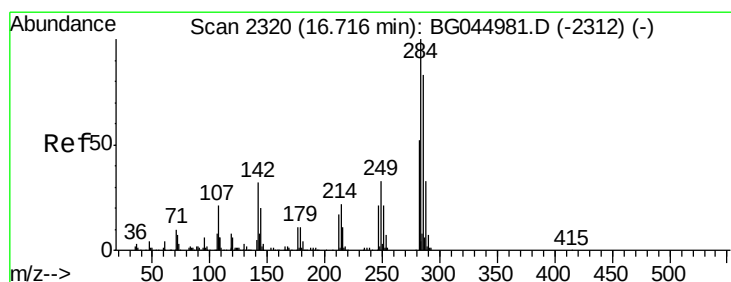
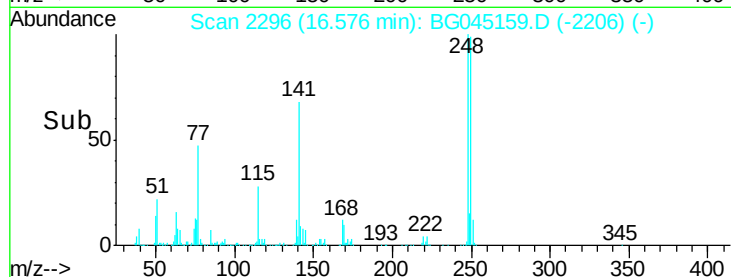
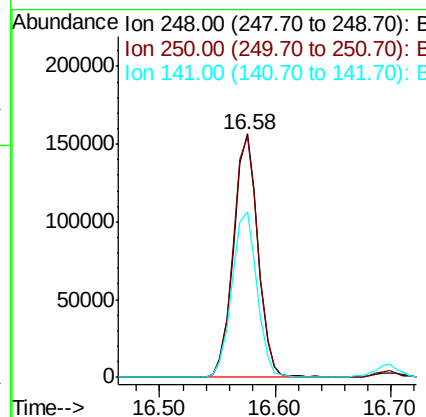
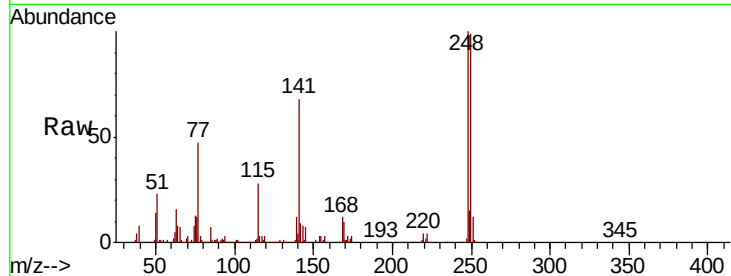
#67
4-Bromophenyl-phenylether
Concen: 39.525 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	75.4	113.2
141	67.9	54.4	81.6

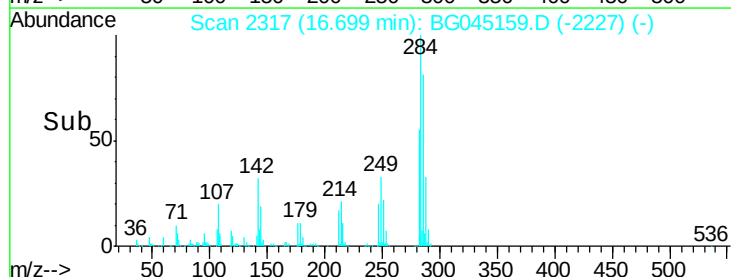
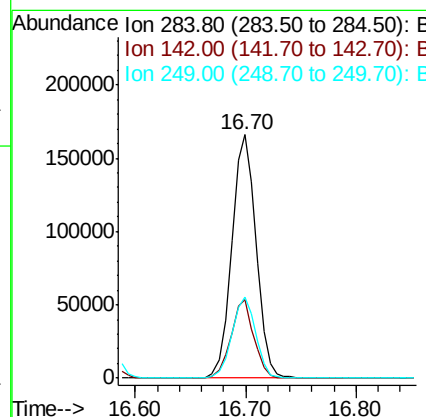
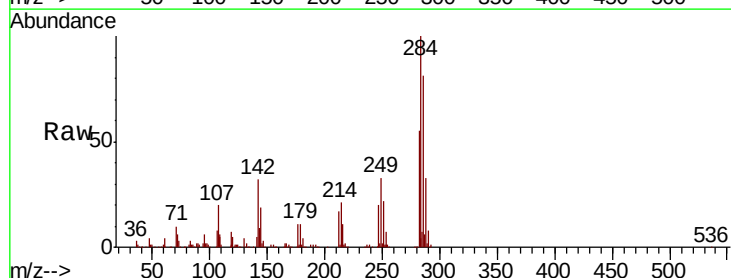
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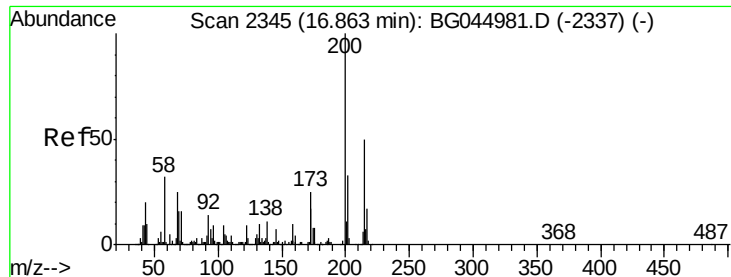
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#68
Hexachlorobenzene
Concen: 42.370 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.8	38.6
249	33.2	26.6	39.8





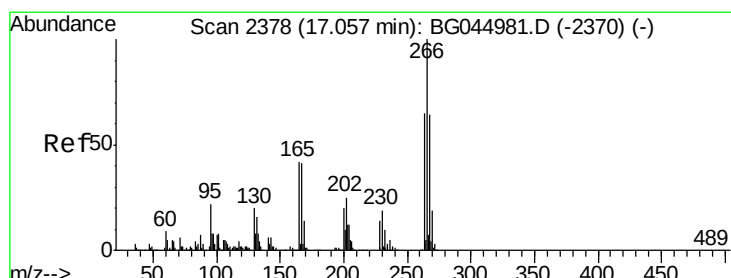
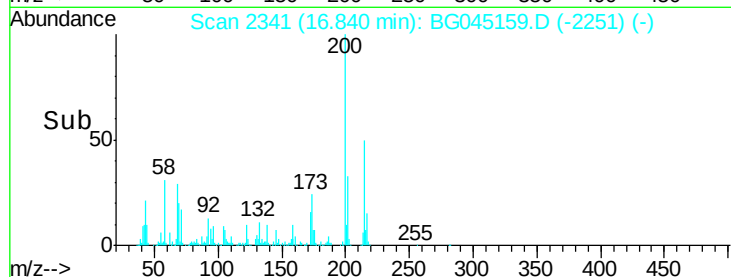
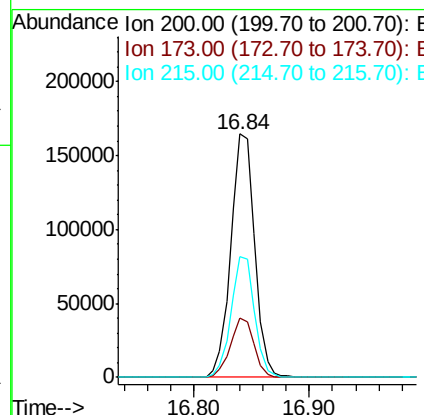
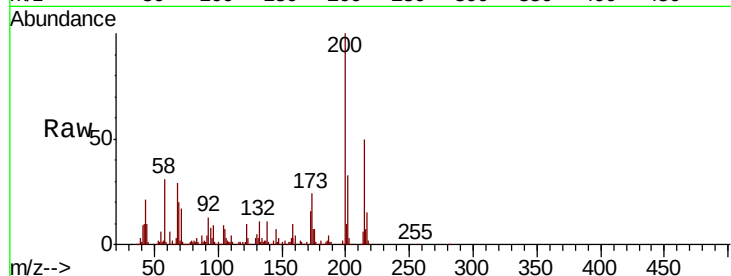
#69
Atrazine
Concen: 50.678 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.5	44.5
215	49.8	30.0	70.0

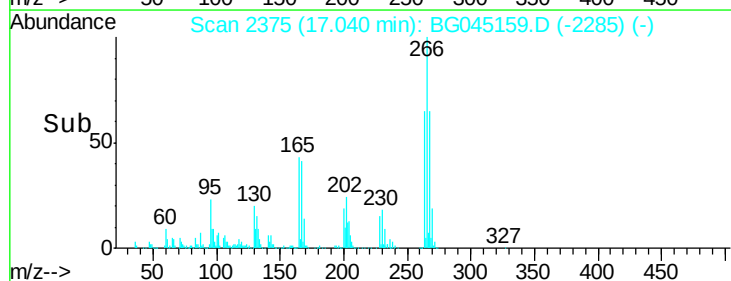
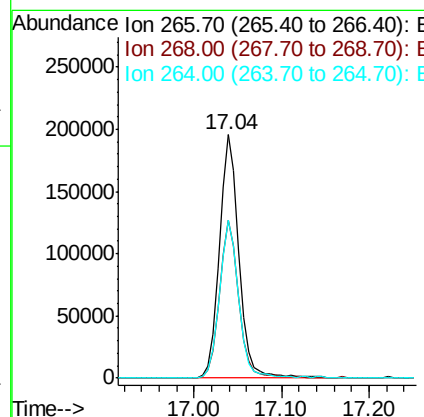
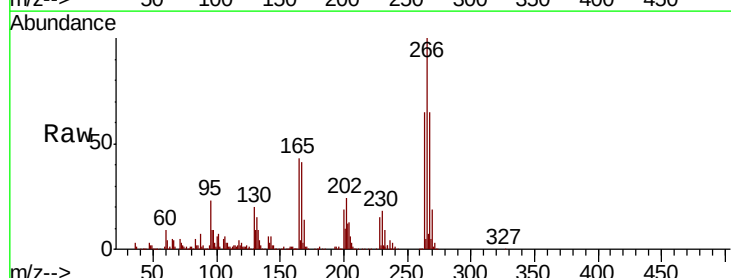
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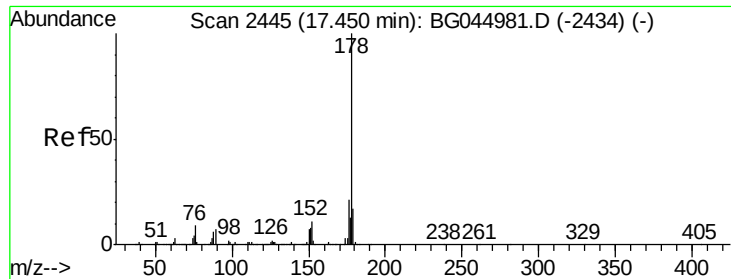
mohammad
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#70
Pentachlorophenol
Concen: 82.673 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.5	77.3
264	64.7	52.2	78.4





#71

Phenanthrene

Concen: 43.297 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion:178 Resp: 1000731

Ion Ratio Lower Upper

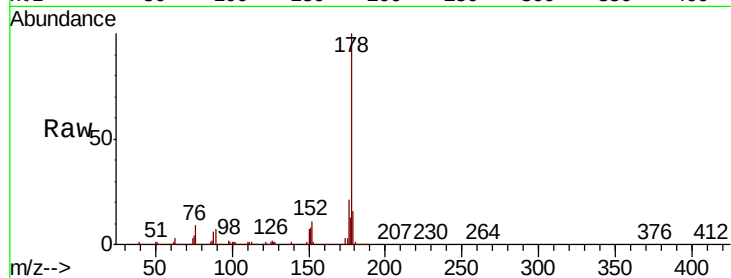
178 100

176 20.8 16.8 25.2

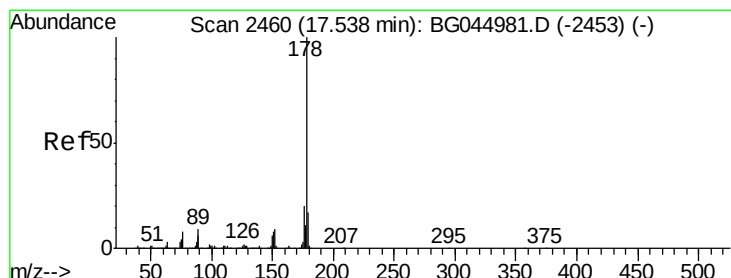
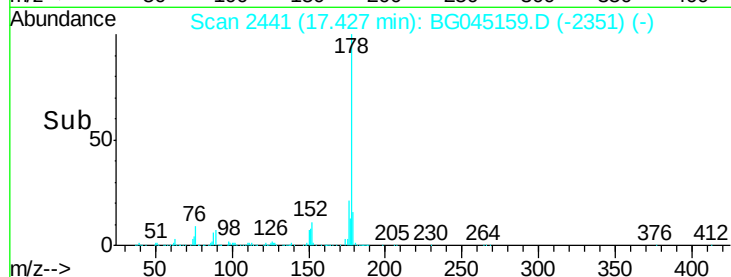
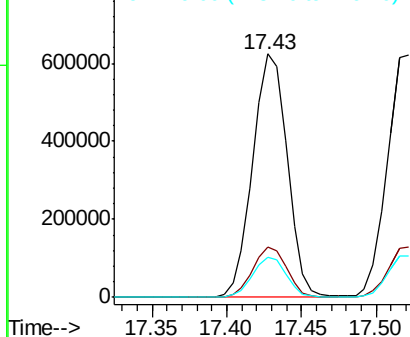
179 16.4 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.359 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:178 Resp: 1028450

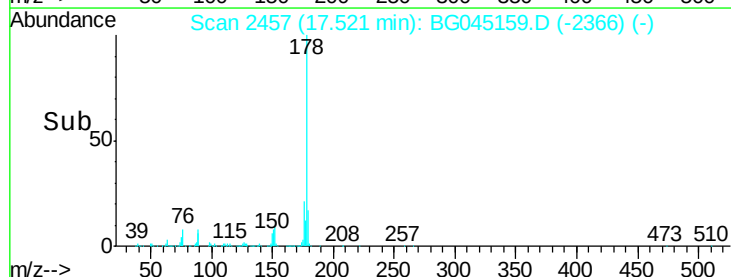
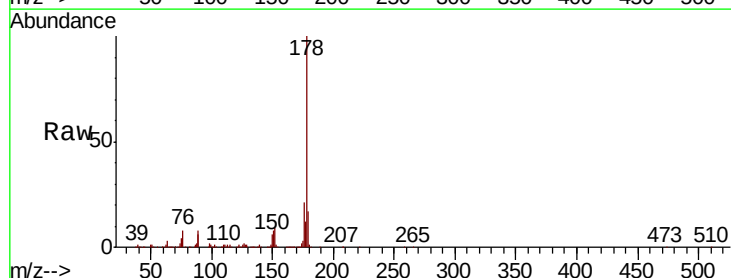
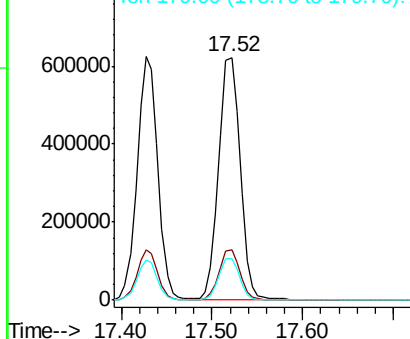
Ion Ratio Lower Upper

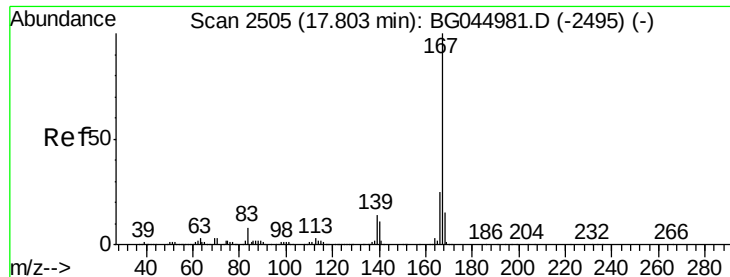
178 100

176 21.0 16.0 24.0

179 16.9 13.6 20.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.515 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

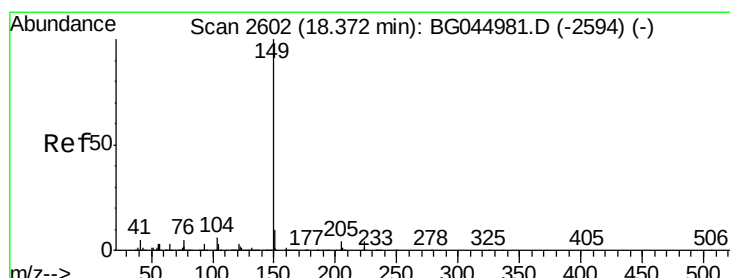
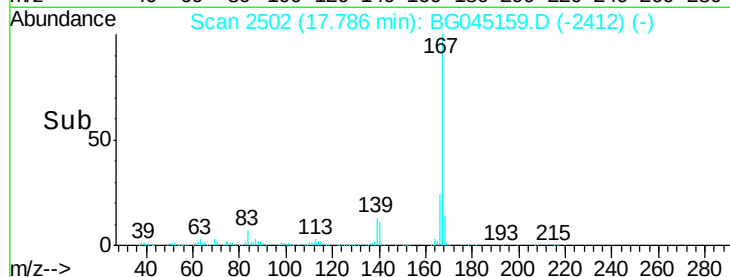
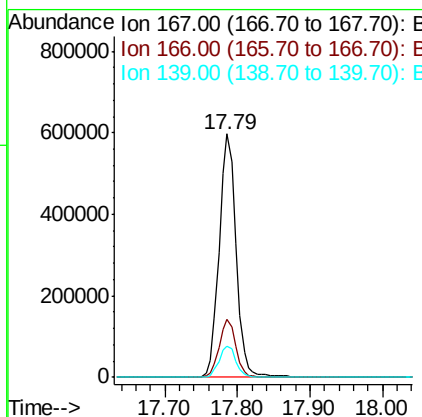
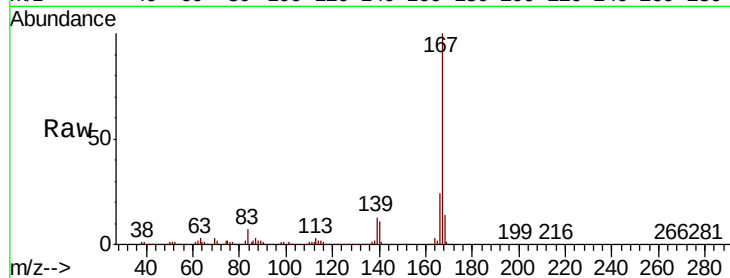
ClientSampleId :

PB128463BS

Tot Ion:	167	Resp:	976762
Ion Ratio	Lower	Upper	
167	100		
166	24.1	19.8	29.6
139	12.9	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 45.495 ng

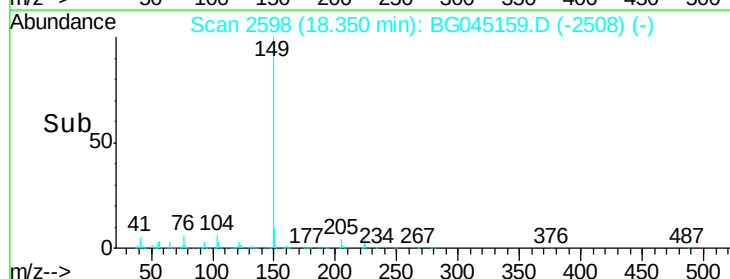
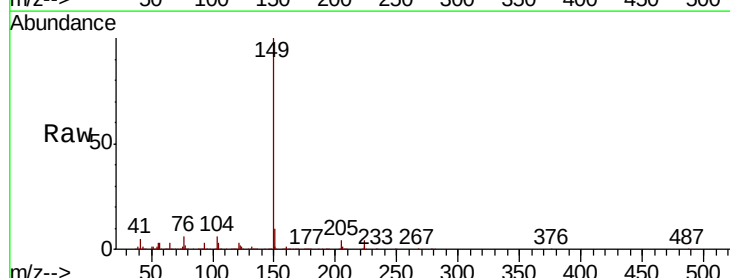
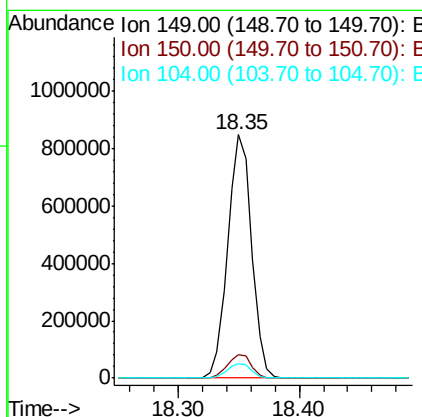
RT: 18.35 min Scan# 2598

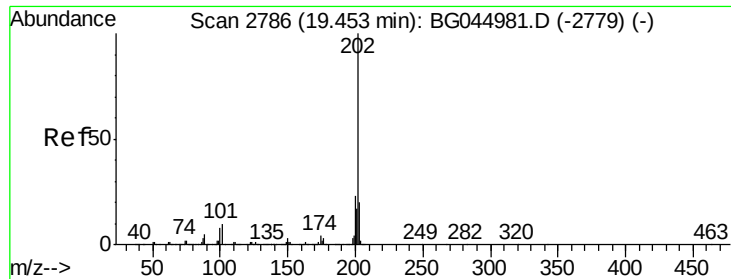
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	149	Resp:	1163481
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.2	12.2
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 47.853 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

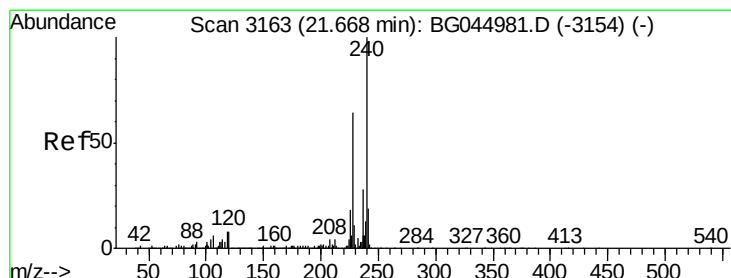
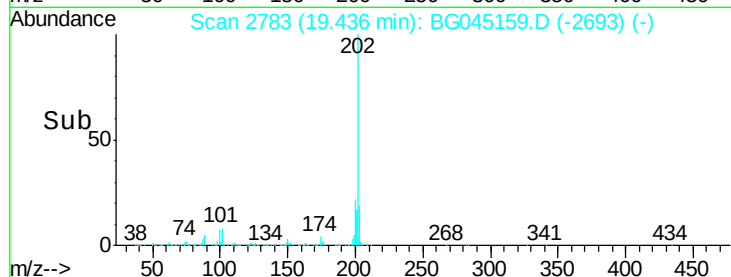
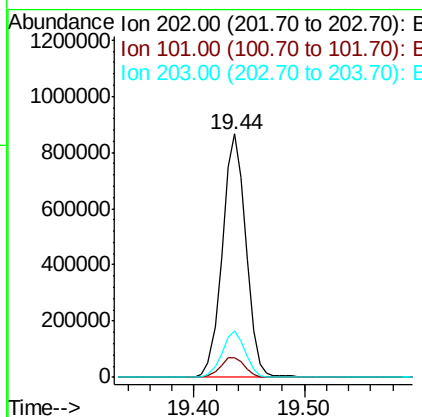
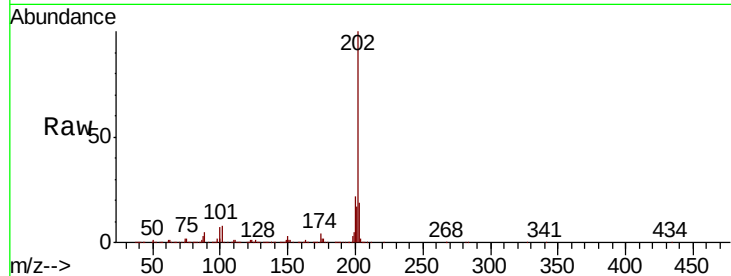
ClientSampleId :

PB128463BS

Tot Ion:	202	Resp:	1289367
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	29.6
203	19.1	0.0	39.7

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#76

Chrysene-d12

Concen: 20.000 ng

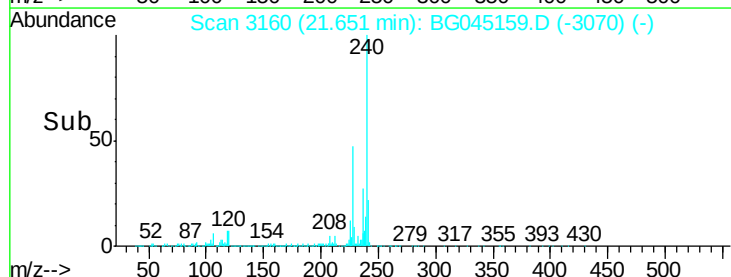
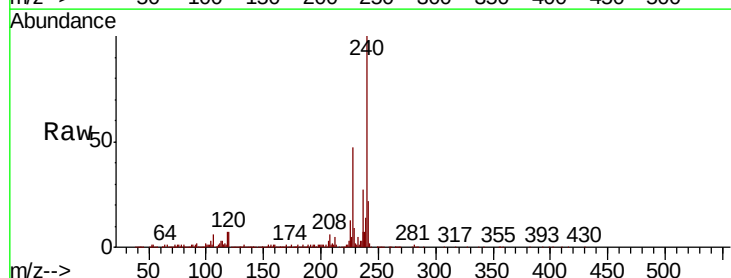
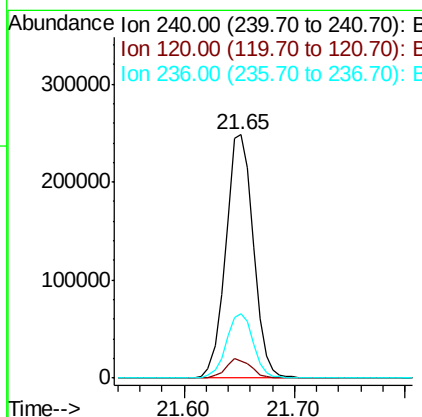
RT: 21.65 min Scan# 3160

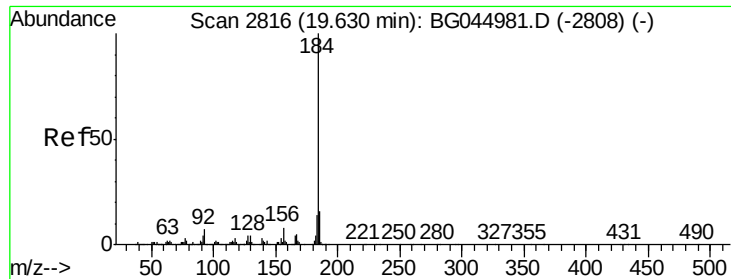
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	240	Resp:	435446
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.6	10.0
236	26.7	22.2	33.2





#77

Benzidine

Concen: 53.151 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion:184 Resp: 656748

Ion Ratio Lower Upper

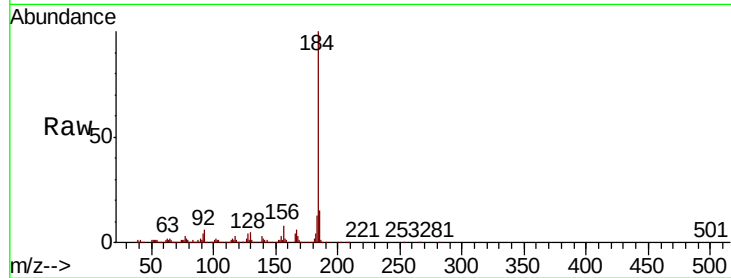
184 100

185 15.3 12.6 19.0

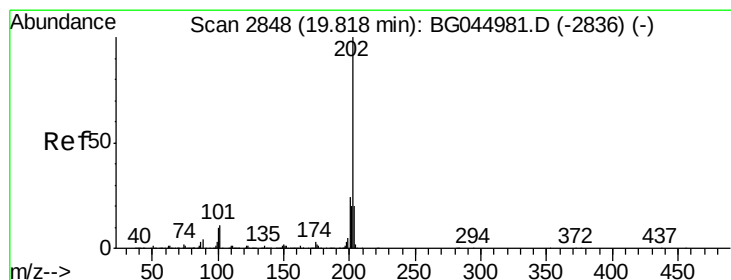
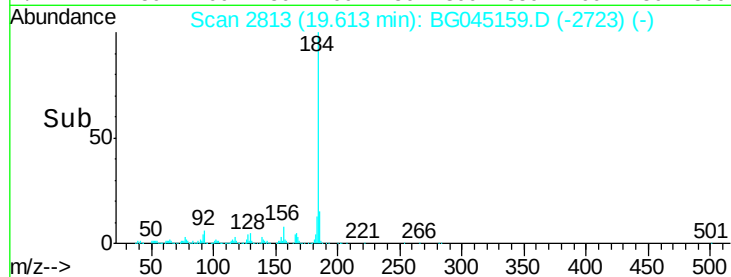
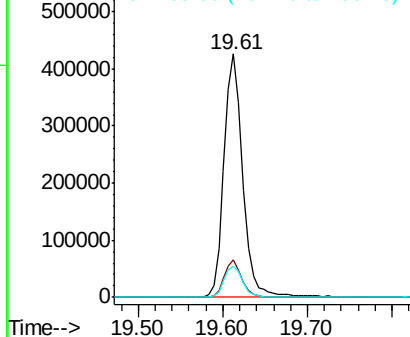
183 12.9 11.3 16.9

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



#78

Pyrene

Concen: 42.611 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

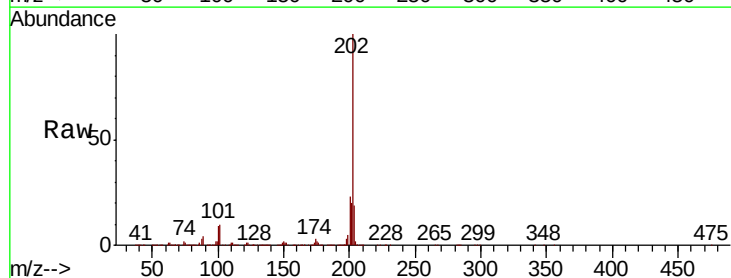
Tgt Ion:202 Resp: 1279182

Ion Ratio Lower Upper

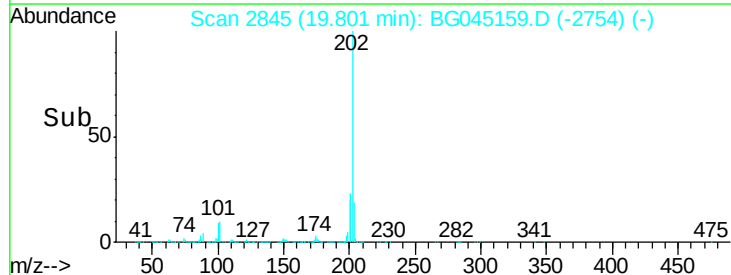
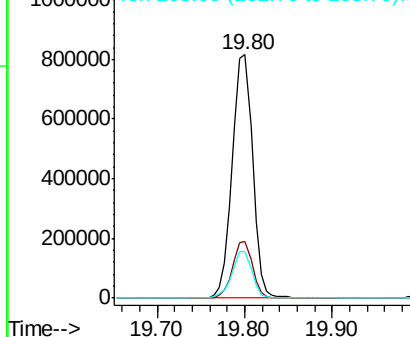
202 100

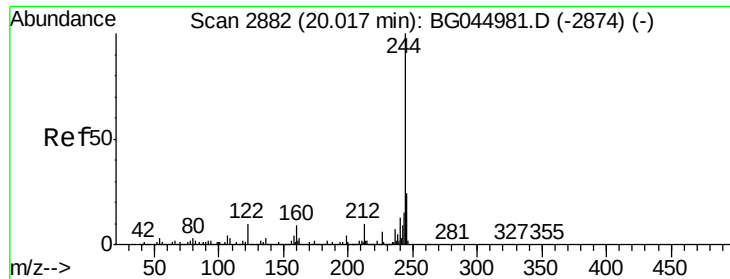
200 23.2 19.0 28.6

203 19.3 16.1 24.1



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





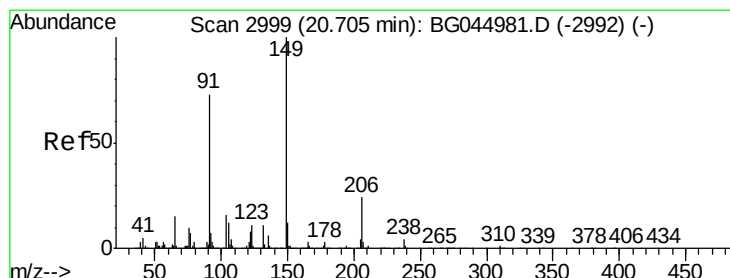
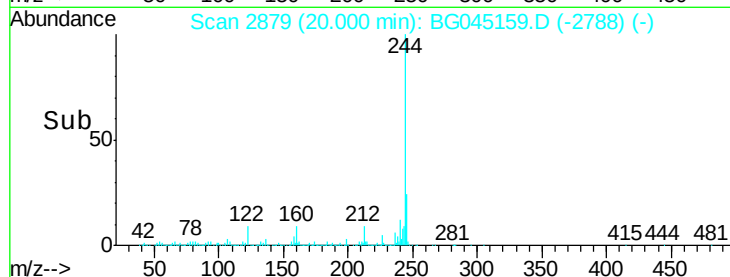
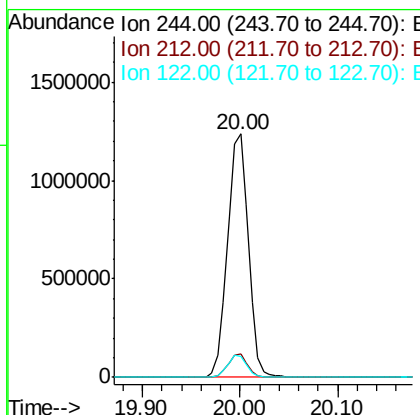
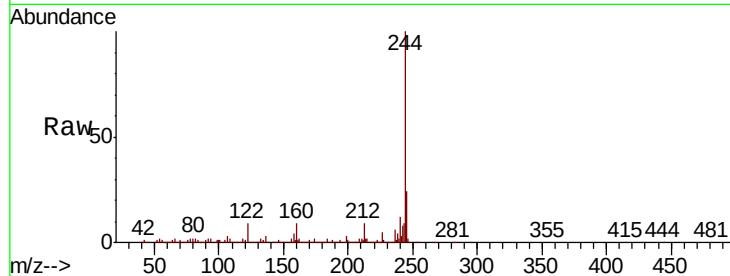
#79
 Terphenyl-d14
 Concen: 91.480 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. 0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	8.5	7.7	11.5

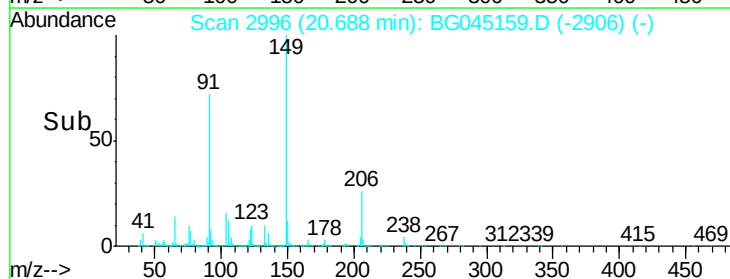
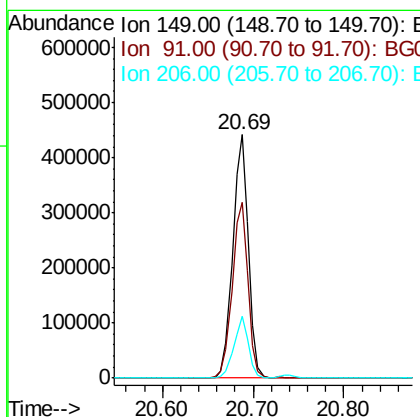
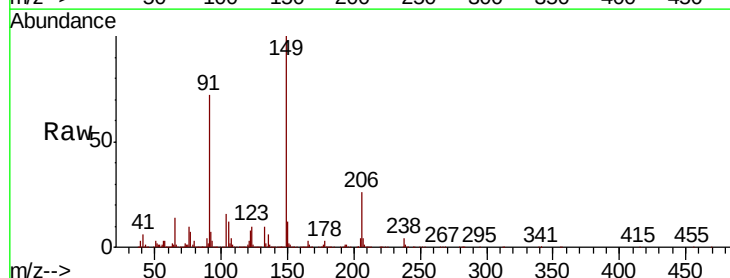
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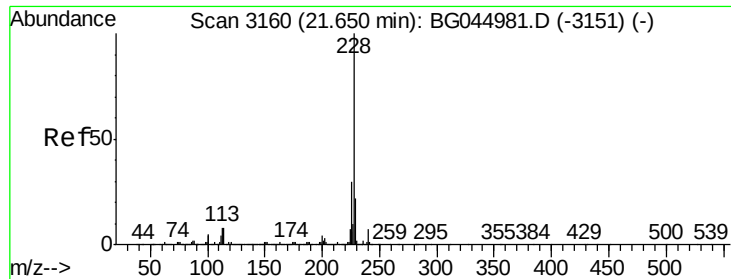
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.645 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	58.5	87.7
206	25.6	19.2	28.8





#81

Benzo(a)anthracene

Concen: 42.882 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion:228 Resp: 1210256

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.0	17.5	26.3

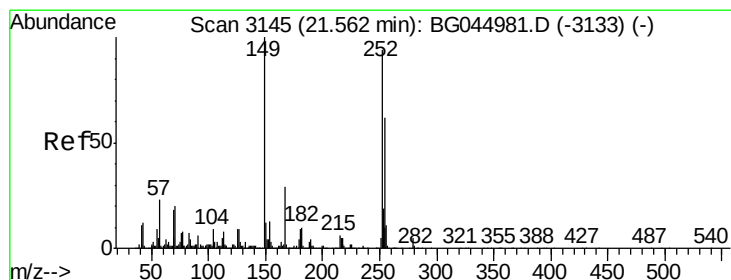
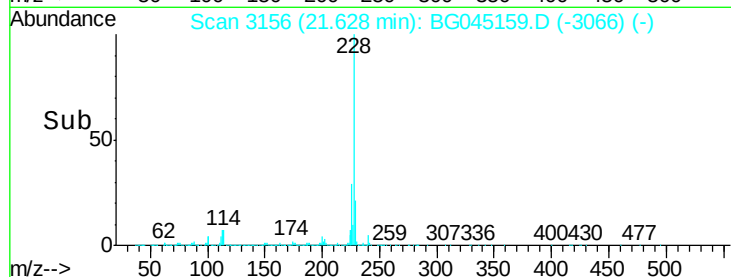
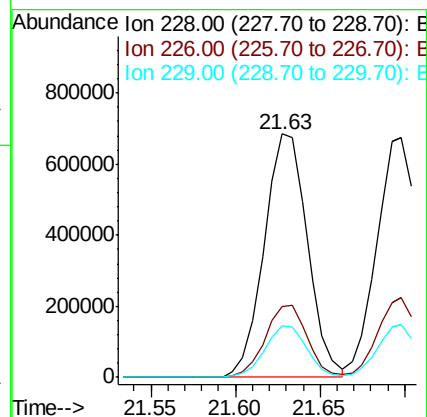
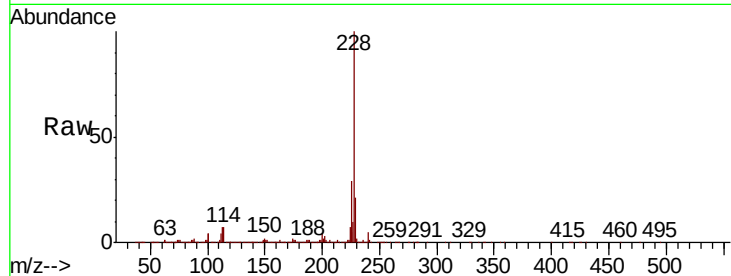
228 100

226 28.8 24.0 36.0

229 21.0 17.5 26.3

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#82

3,3'-Dichlorobenzidine

Concen: 24.312 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

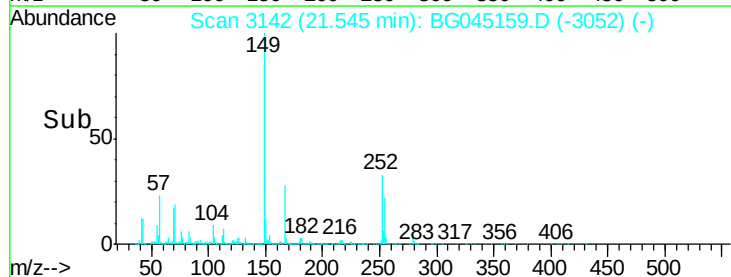
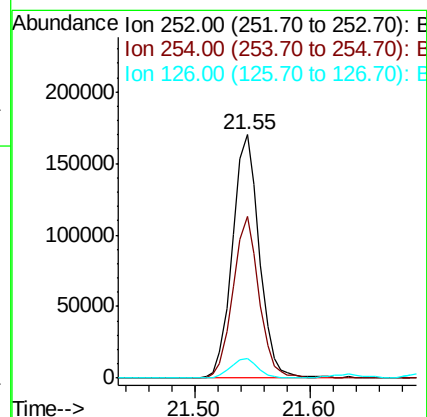
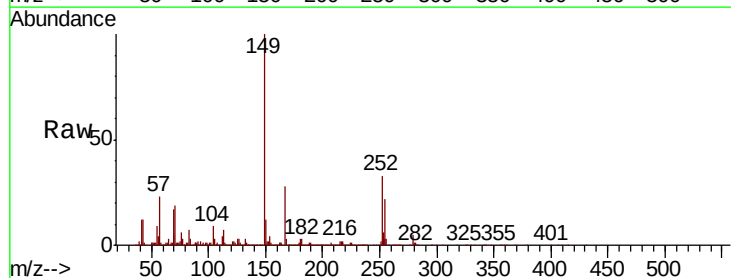
Tgt Ion:252 Resp: 273103

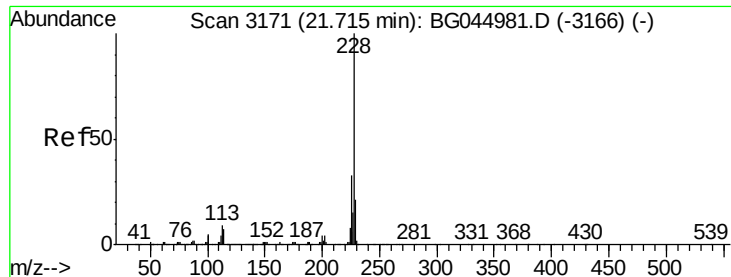
Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.6	79.0
126	7.9	7.5	11.3

252 100

254 66.2 52.6 79.0

126 7.9 7.5 11.3





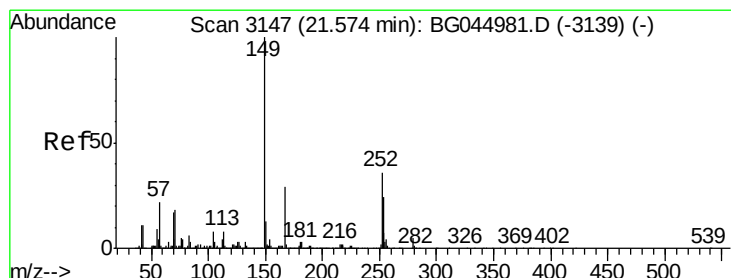
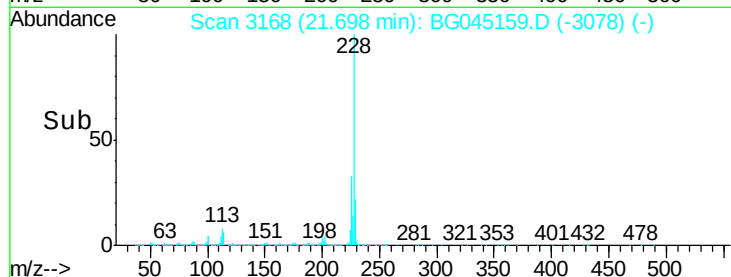
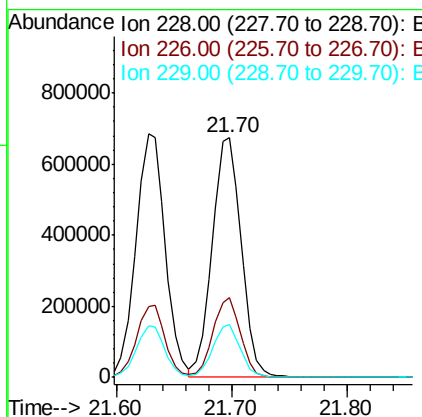
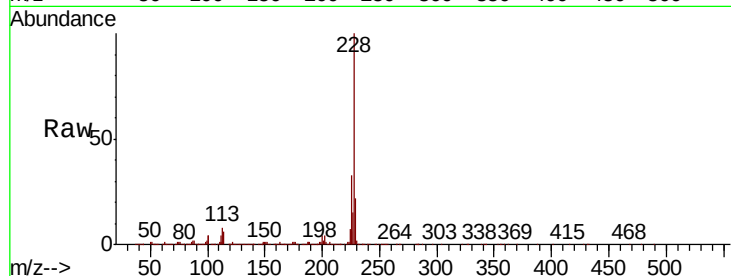
#83
 Chrysene
 Concen: 43.225 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB128463BS

Tot Ion:	228	Resp:	1172133
Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.2	39.4
229	22.2	17.0	25.6

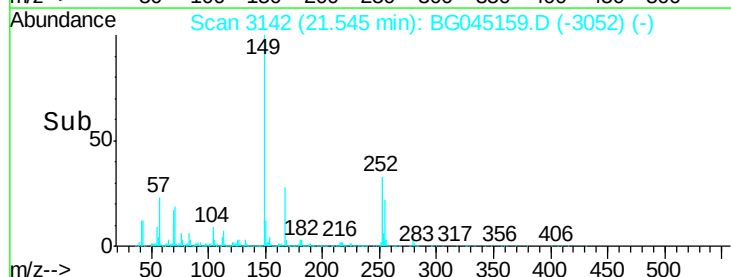
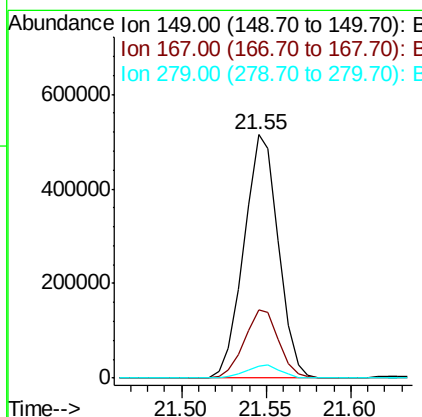
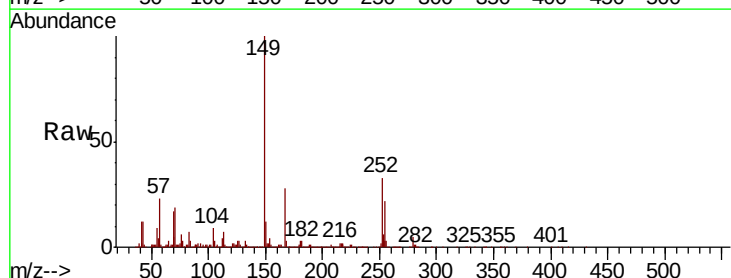
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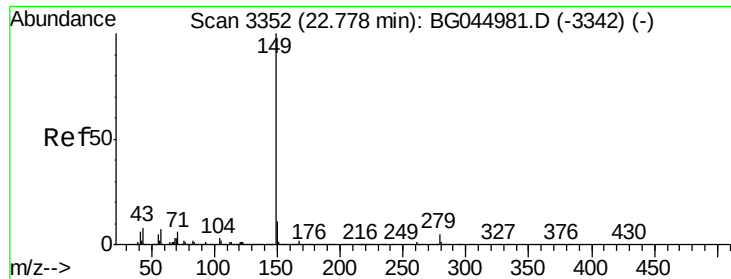
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.584 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG045159.D
 Acq: 24 Apr 2020 13:42

Tgt Ion:	149	Resp:	728791
Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	4.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.822 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

ClientSampleId :

PB128463BS

Tot Ion:149 Resp: 1237710

Ion Ratio Lower Upper

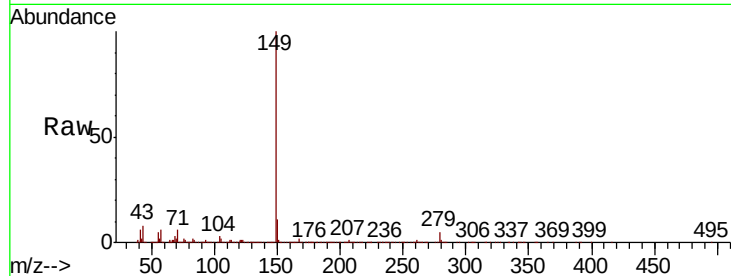
149 100

167 1.7 1.4 2.2

43 7.6 5.7 8.5

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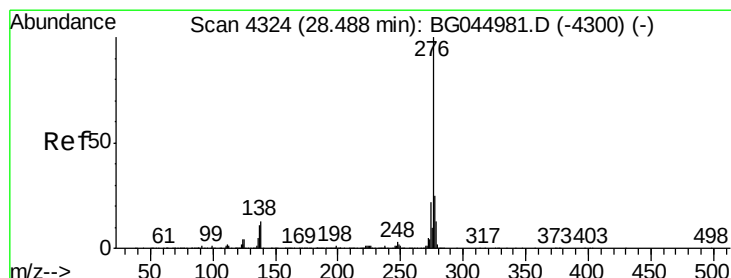
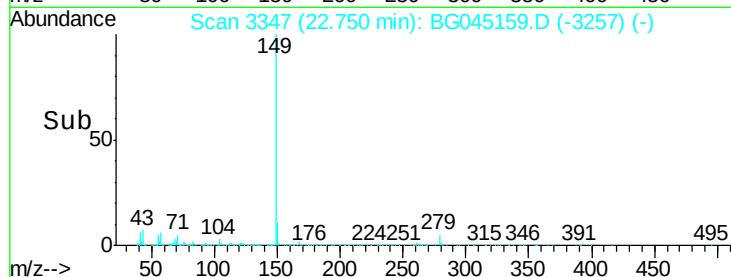
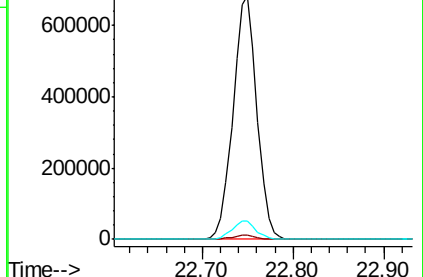
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.909 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

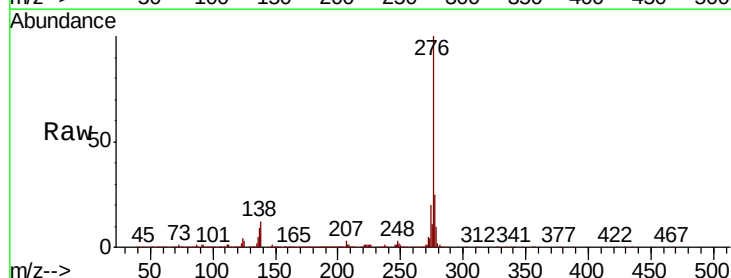
Tgt Ion:276 Resp: 1544843

Ion Ratio Lower Upper

276 100

138 15.6 9.6 14.4#

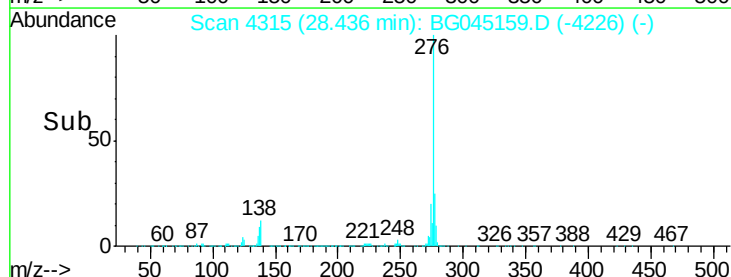
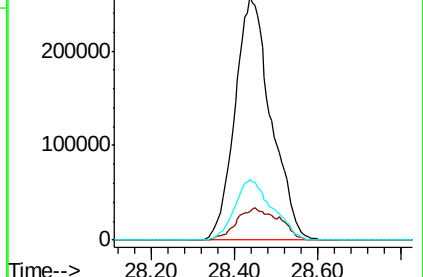
277 25.9 20.6 31.0

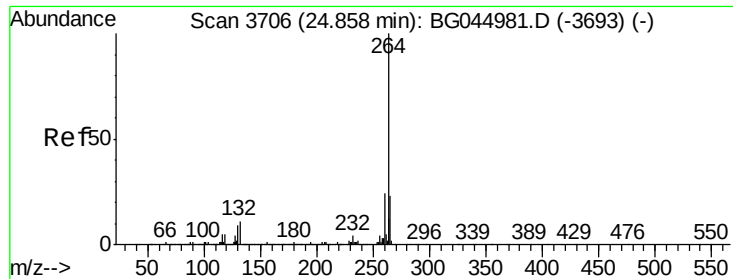


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.01 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Instrument :

BNA_G

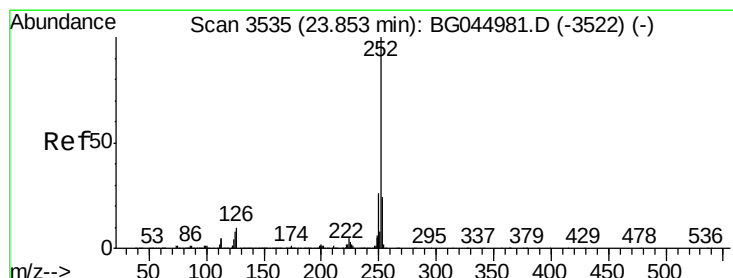
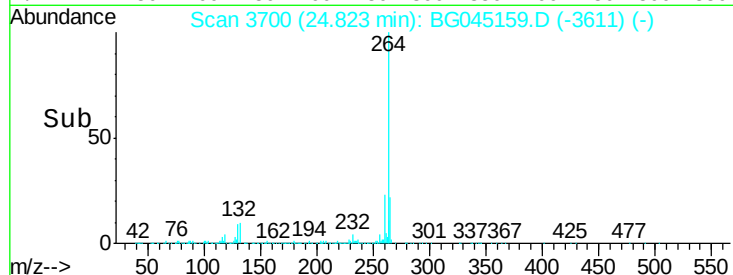
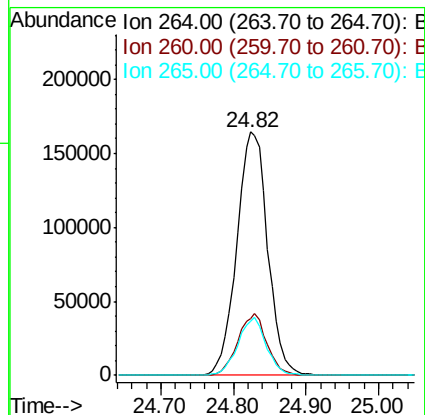
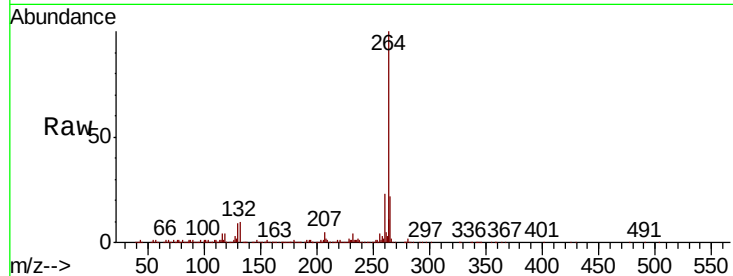
ClientSampleId :

PB128463BS

Tot Ion:	264	Resp:	485758
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	22.1	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 43.038 ng

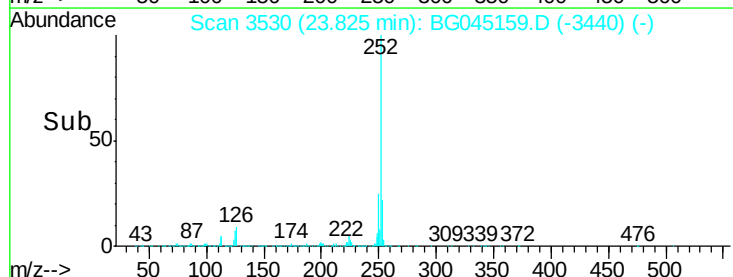
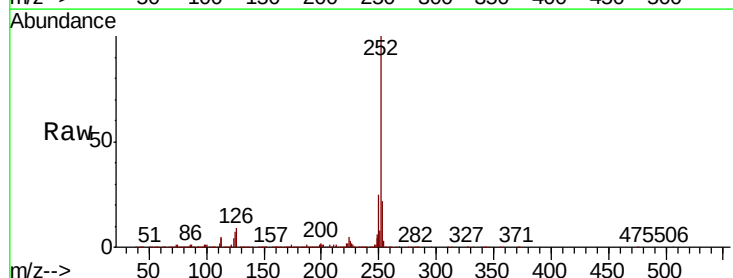
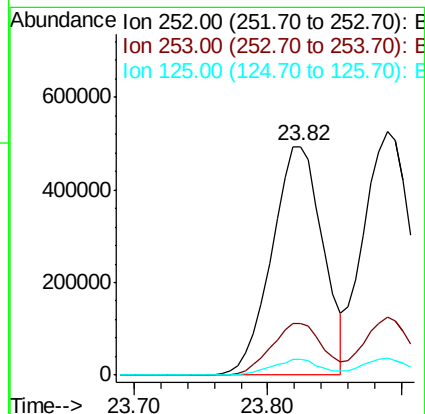
RT: 23.82 min Scan# 3530

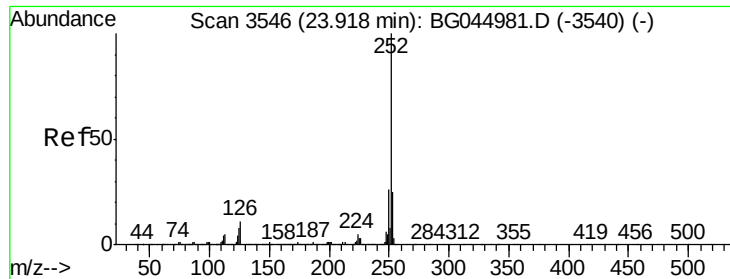
Delta R.T. -0.00 min

Lab File: BG045159.D

Acq: 24 Apr 2020 13:42

Tgt Ion:	252	Resp:	1309536
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.8	28.2
125	6.6	6.2	9.4





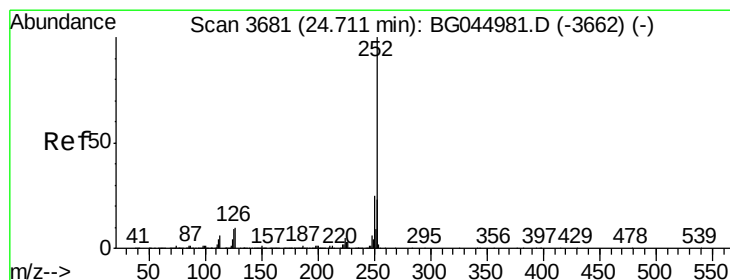
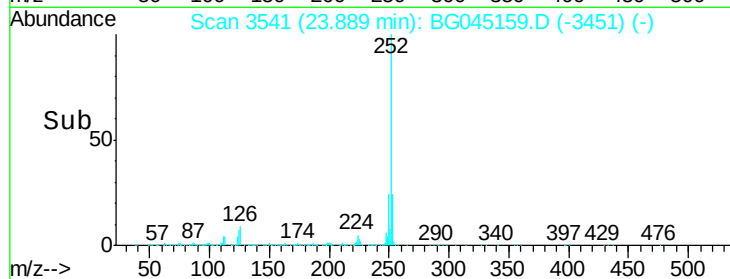
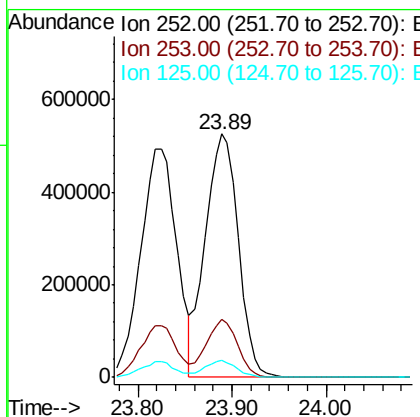
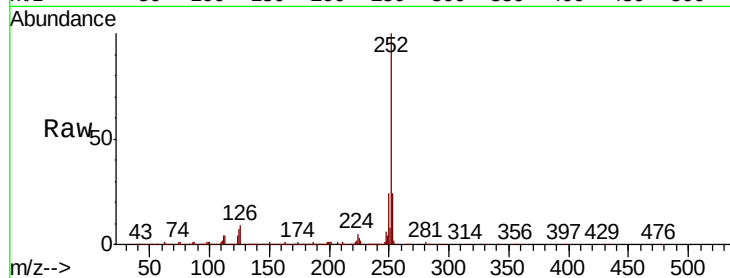
#89
Benzo(k)fluoranthene
Concen: 44.511 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	6.8	5.9	8.9

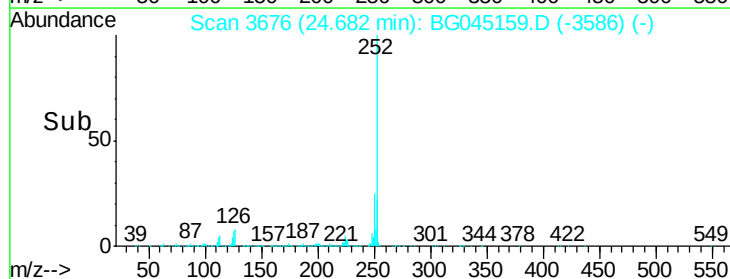
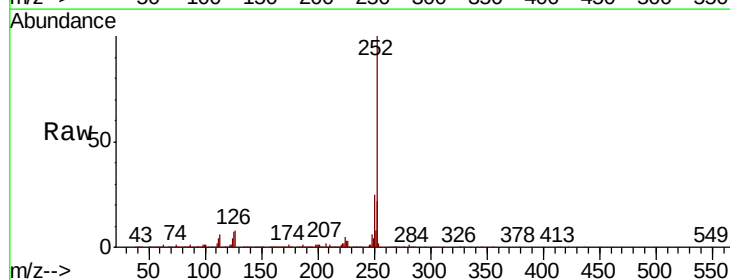
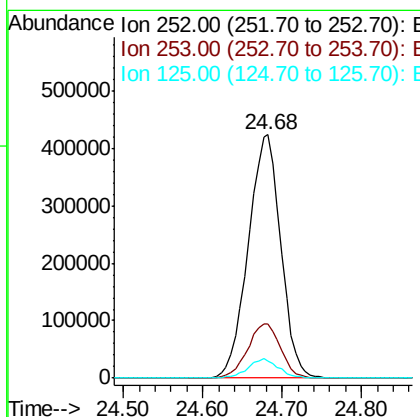
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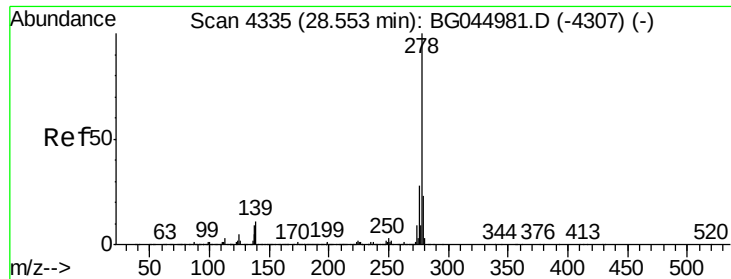
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#90
Benzo(a)pyrene
Concen: 42.200 ng
RT: 24.68 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	7.2	7.0	10.6





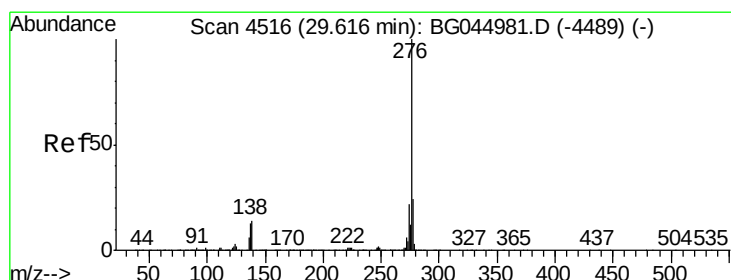
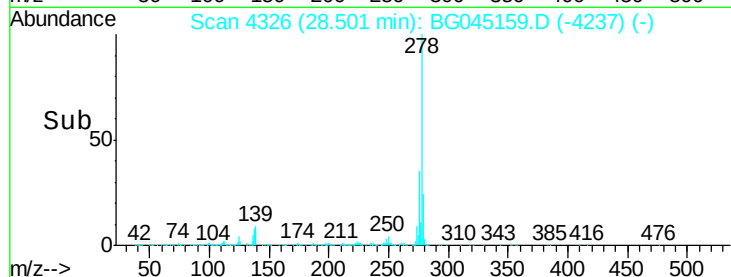
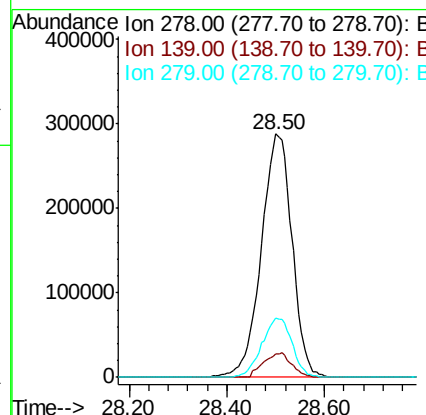
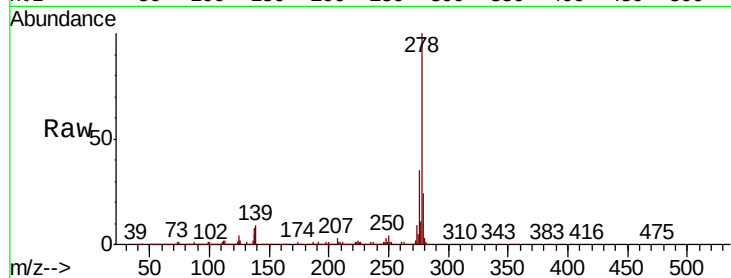
#91
Dibenzo(a,h)anthracene
Concen: 43.560 ng
RT: 28.50 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Instrument :
BNA_G
ClientSampleId :
PB128463BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.0	13.6
279	24.3	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 42.987 ng
RT: 29.56 min Scan# 4507
Delta R.T. -0.01 min
Lab File: BG045159.D
Acq: 24 Apr 2020 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	11.7	11.4	17.2

