

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045010.D
 Acq On : 16 Apr 2020 17:31
 Operator : CG/JU
 Sample : PB128228BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Manual Integrations
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mohammad
 4/17/2020 1:51:36 PM

Quant Time: Apr 16 18:07:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	57774	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	254749	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	204316	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	516248	20.00	ng	0.00
76) Chrysene-d12	21.67	240	477967	20.00	ng	0.00
87) Perylene-d12	24.85	264	546118	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	543523	155.32	ng	0.00
7) Phenol-d6	7.18	99	795991	153.10	ng	0.00
23) Nitrobenzene-d5	9.18	82	487877	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	446006	141.30	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1214666	87.17	ng	0.00
79) Terphenyl-d14	20.01	244	2193382	100.02	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	60389	38.830	ng	98
3) Pyridine	3.87	79	176673	36.896	ng	98
4) n-Nitrosodimethylamine	3.79	42	69621	47.462	ng	# 92
6) Aniline	7.34	93	256952	38.010	ng	97
8) 2-Chlorophenol	7.59	128	207392	55.143	ng	99
9) Benzaldehyde	7.15	77	104684	34.155	ng	97
10) Phenol	7.21	94	283459	54.481	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	186776	45.089	ng	96
12) 1,3-Dichlorobenzene	7.91	146	205094	46.278	ng	97
13) 1,4-Dichlorobenzene	8.06	146	208124	47.129	ng	98
14) 1,2-Dichlorobenzene	8.38	146	194756	46.099	ng	94
15) Benzyl Alcohol	8.26	79	217910	49.989	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	176338	43.366	ng	97
17) 2-Methylphenol	8.46	107	195135	48.611	ng	98
18) Hexachloroethane	9.11	117	77281	46.552	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	172446	46.899	ng	98
20) 3+4-Methylphenols	8.79	107	278424	49.552	ng	99
22) Acetophenone	8.84	105	317344	46.065	ng	# 97
24) Nitrobenzene	9.22	77	260291	45.483	ng	98
25) Isophorone	9.75	82	495259	43.317	ng	97
26) 2-Nitrophenol	9.94	139	121147	49.145	ng	100
27) 2,4-Dimethylphenol	10.00	122	206335	52.752	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	285487	47.524	ng	96
29) 2,4-Dichlorophenol	10.47	162	236661	52.400	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	229827	44.944	ng	98
31) Naphthalene	10.88	128	640229	45.941	ng	99
32) Benzoic acid	10.14	122	161057	50.576	ng	99
33) 4-Chloroaniline	10.98	127	164816	25.359	ng	97
34) Hexachlorobutadiene	11.18	225	152165	43.402	ng	96
35) Caprolactam	11.75	113	91550m	50.931	ng	
36) 4-Chloro-3-methylphenol	12.11	107	284786	53.676	ng	98
37) 2-Methylnaphthalene	12.49	142	519111	47.991	ng	99
38) 1-Methylnaphthalene	12.70	142	492606	48.240	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	278815	42.383	ng	99

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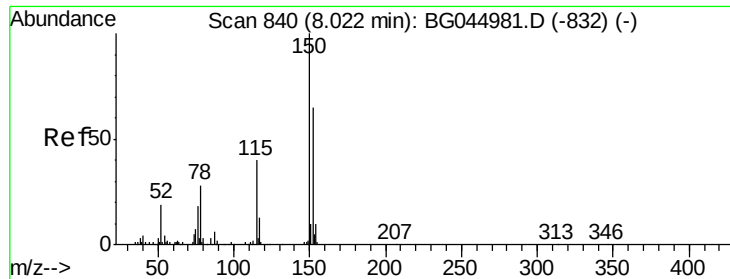
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	385951	93.868	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	224904	48.441	nq	93
44) 2,4,5-Trichlorophenol	13.16	196	248122	46.951	nq	98
46) 1,1'-Biphenyl	13.49	154	673726	43.384	nq	99
47) 2-Chloronaphthalene	13.53	162	528126	44.507	nq	100
48) 2-Nitroaniline	13.73	65	182310	46.696	nq	97
49) Acenaphthylene	14.38	152	891495	46.124	nq	99
50) Dimethylphthalate	14.11	163	762453	45.831	nq	99
51) 2,6-Dinitrotoluene	14.22	165	172993	46.490	nq	97
52) Acenaphthene	14.72	154	620643	47.459	nq	99
53) 3-Nitroaniline	14.55	138	128044	31.375	nq	96
54) 2,4-Dinitrophenol	14.75	184	136128	61.522	nq	96
55) Dibenzofuran	15.05	168	882812	46.304	nq	98
56) 4-Nitrophenol	14.87	139	299781	94.736	nq	97
57) 2,4-Dinitrotoluene	15.01	165	252239	46.385	nq	97
58) Fluorene	15.71	166	744179	47.786	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	242230	51.513	nq	98
60) Diethylphthalate	15.48	149	791043	45.606	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	409630	45.698	nq	99
62) 4-Nitroaniline	15.72	138	191043	45.132	nq	98
63) Azobenzene	15.99	77	764253	47.791	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	138907	40.935	nq	97
66) n-Nitrosodiphenylamine	15.91	169	676968	45.640	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	289443	43.460	nq	98
68) Hexachlorobenzene	16.72	284	313555	45.395	nq	96
69) Atrazine	16.86	200	291878	55.014	nq	100
70) Pentachlorophenol	17.06	266	372991	88.025	nq	97
71) Phenanthrene	17.44	178	1237522	46.649	nq	98
72) Anthracene	17.53	178	1264046	47.501	nq	98
73) Carbazole	17.80	167	1185485	43.899	nq	98
74) Di-n-butylphthalate	18.37	149	1411416	48.483	nq	99
75) Fluoranthene	19.45	202	1546840	50.340	nq	99
77) Benzidine	19.62	184	810682	60.627	nq	97
78) Pyrene	19.81	202	1515827	46.002	nq	100
80) Butylbenzylphthalate	20.70	149	633912	46.411	nq	98
81) Benzo(a)anthracene	21.65	228	1476023	47.646	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	371659	30.142	nq	98
83) Chrysene	21.71	228	1407652	47.292	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	890730	47.416	nq	100
85) Di-n-octyl phthalate	22.77	149	1542298	47.478	nq	100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1941313	49.124	nq	100
88) Benzo(b)fluoranthene	23.85	252	1606461	46.961	nq	99
89) Benzo(k)fluoranthene	23.91	252	1567620	48.186	nq	98
90) Benzo(a)pyrene	24.71	252	1499538	46.428	nq	# 98
91) Dibenzo(a,h)anthracene	28.54	278	1566487	48.133	nq	97
92) Benzo(g,h,i)perylene	29.60	276	1588071	48.671	nq	98

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



#1

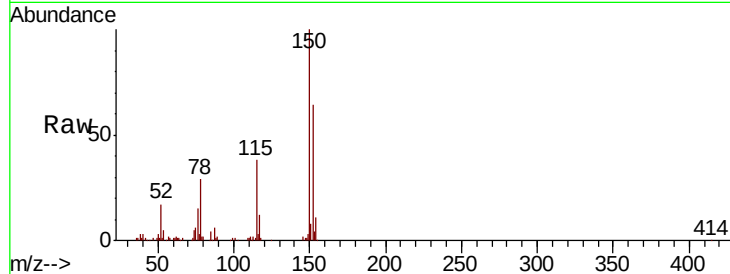
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.6	185.4
115	59.0	49.1	73.7

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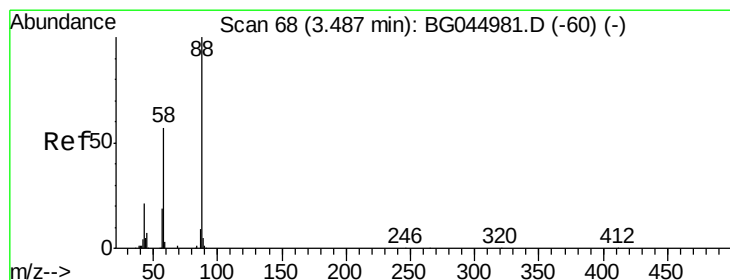
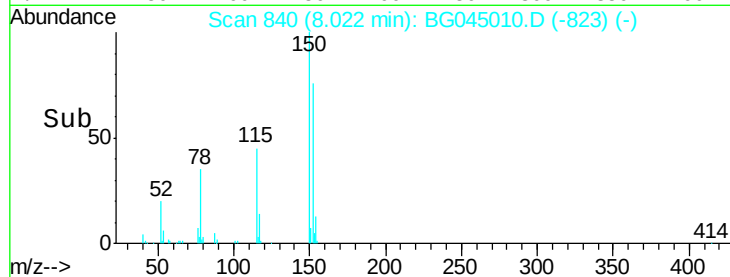
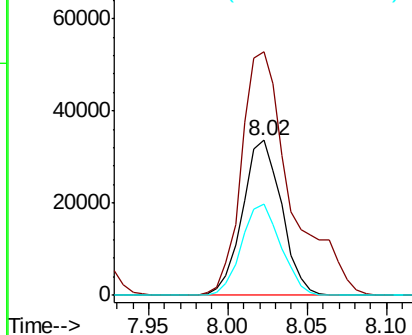


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

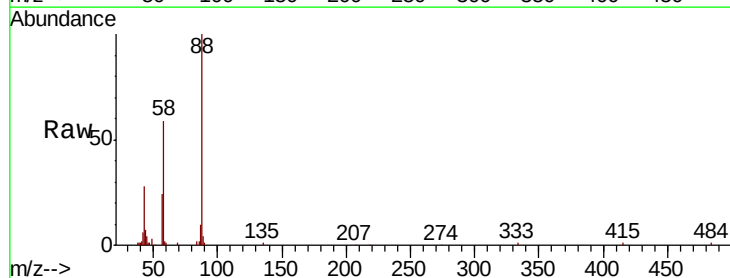
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.830 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	46.6	69.8
43	23.7	17.5	26.3

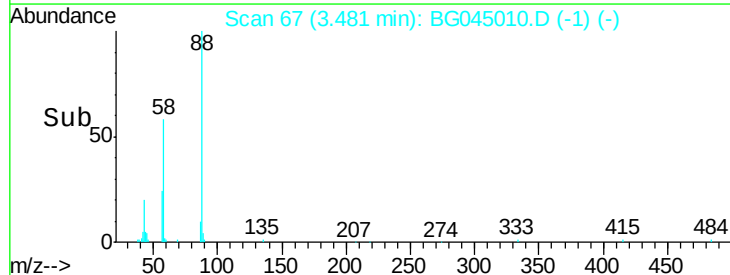
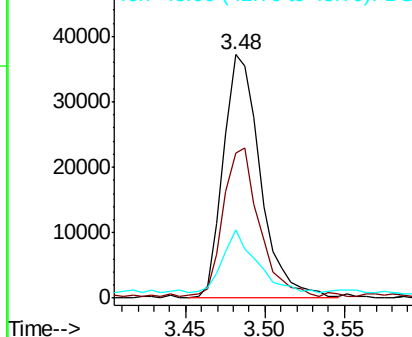


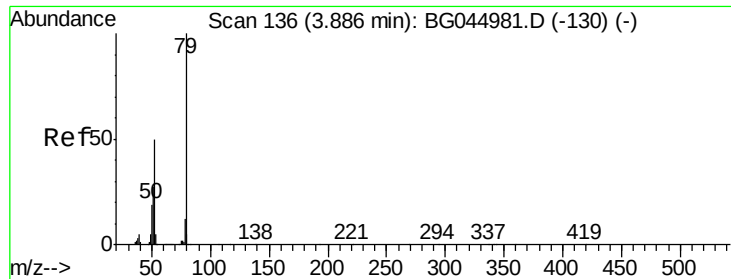
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.896 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

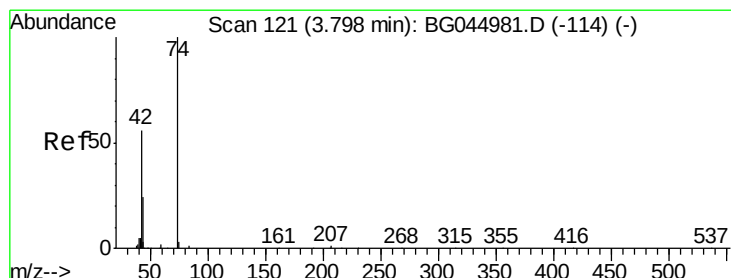
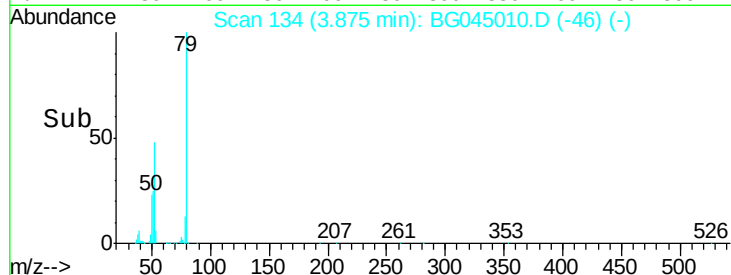
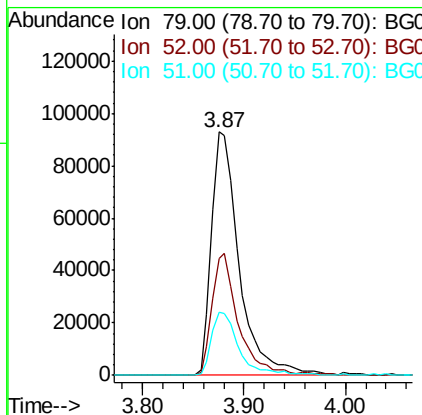
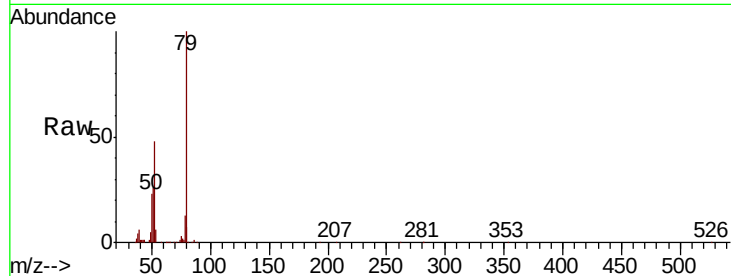
ClientSampleId :

PB128228BS

Tot Ion:	79	Resp:	176673
Ion Ratio	Lower	Upper	
79	100		
52	48.1	39.8	59.6
51	25.9	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 47.462 ng

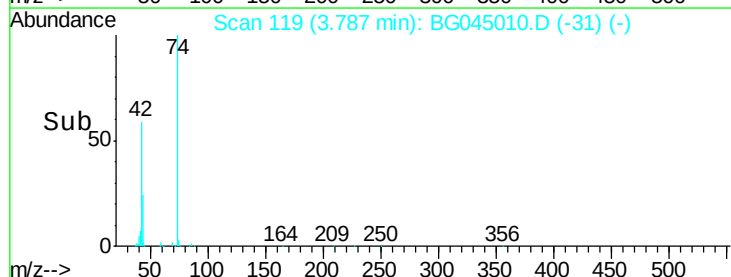
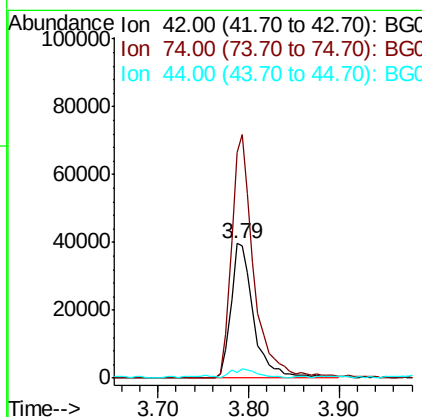
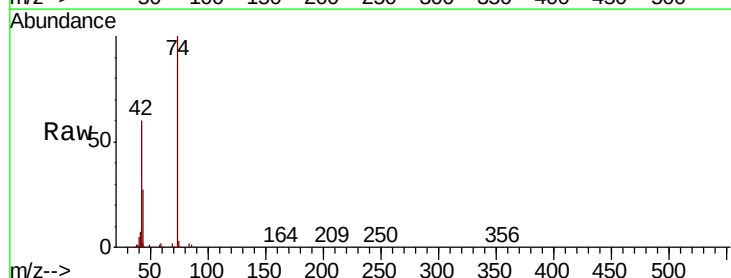
RT: 3.79 min Scan# 119

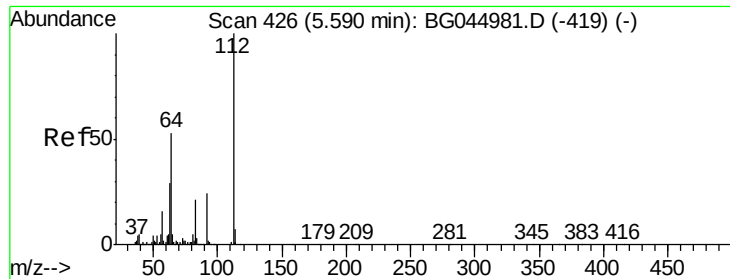
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	42	Resp:	69621
Ion Ratio	Lower	Upper	
42	100		
74	167.5	143.0	214.6
44	3.7	4.6	6.8#





#5

2-Fluorophenol

Concen: 155.317 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

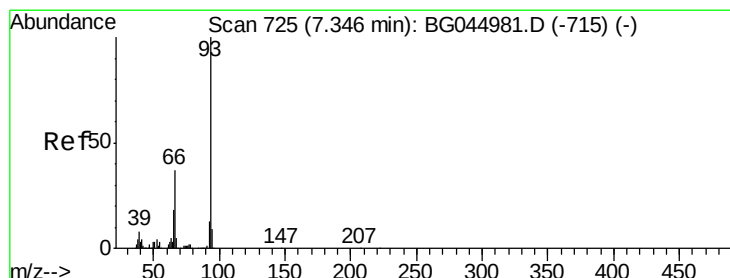
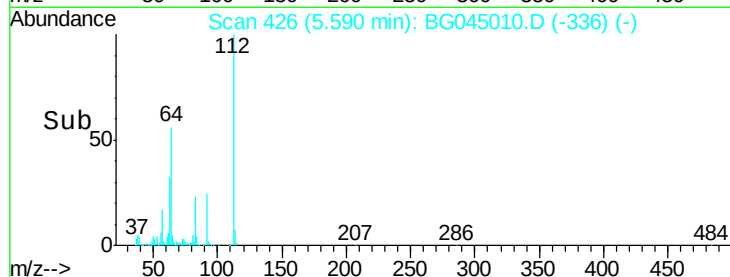
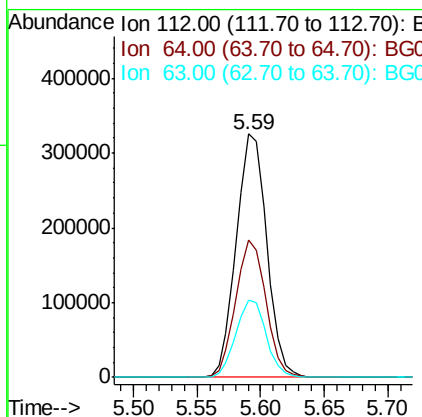
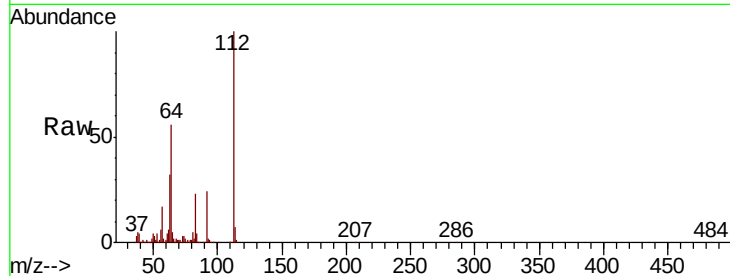
ClientSampleId :

PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	543523		
64	56.2	42.4	63.6	
63	31.5	23.1	34.7	

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#6

Aniline

Concen: 38.010 ng

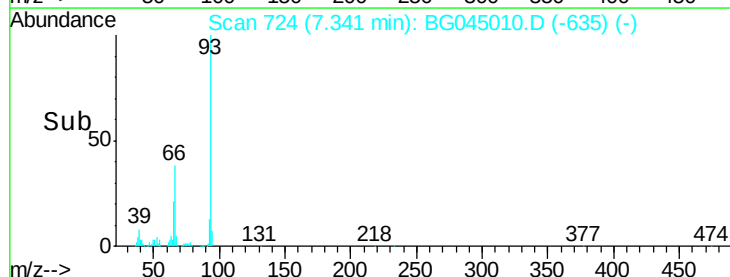
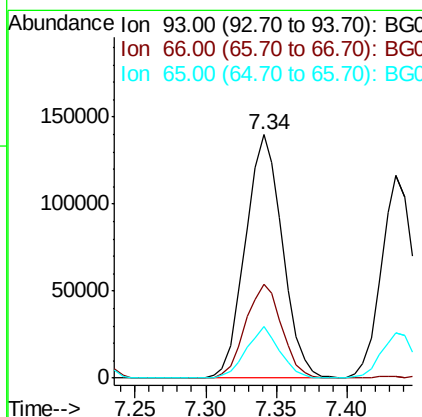
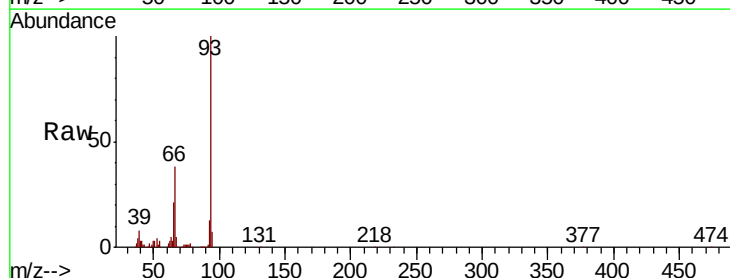
RT: 7.34 min Scan# 724

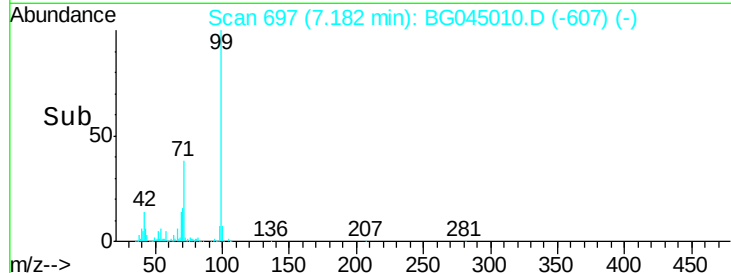
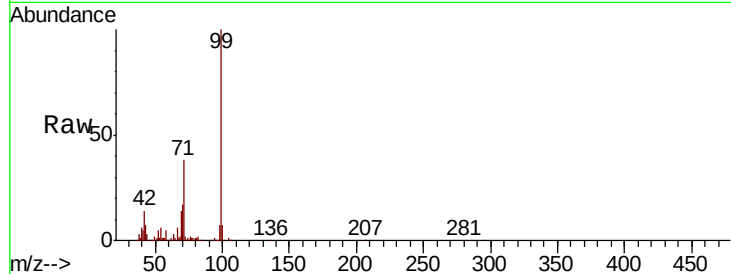
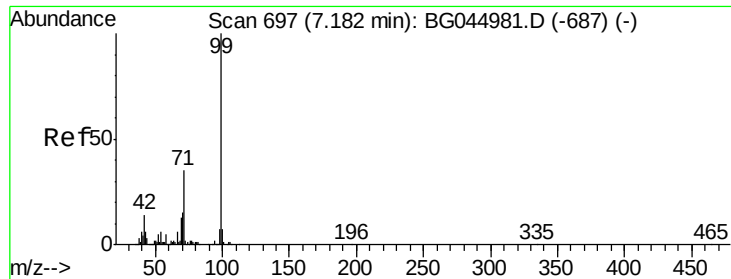
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256952		
66	38.3	29.8	44.8	
65	21.3	14.6	22.0	





#7

Phenol-d6

Concen: 153.096 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		795991		
42	13.9	11.3	16.9		
71	37.8	28.3	42.5		

Instrument :

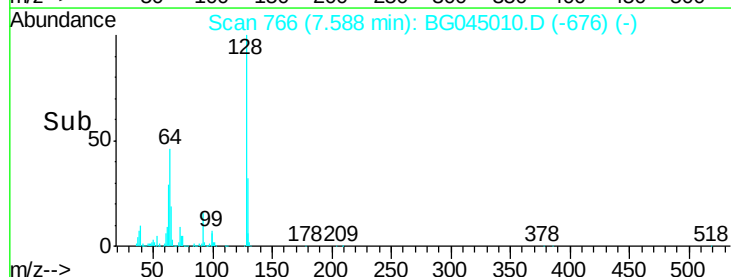
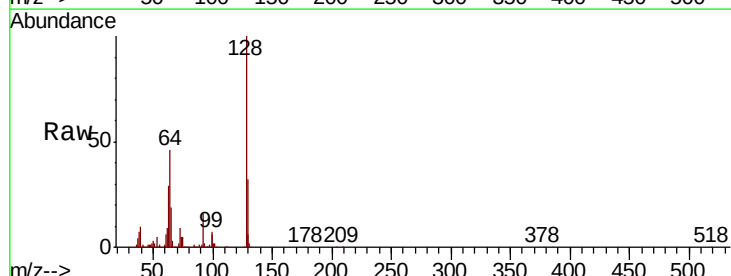
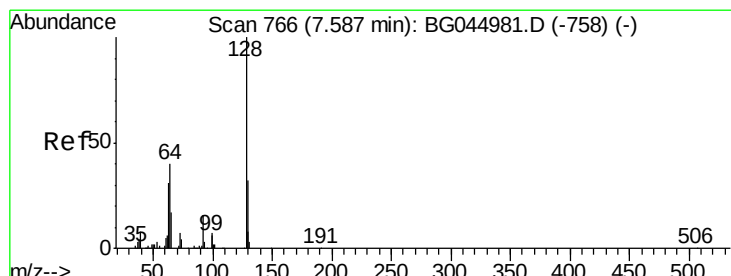
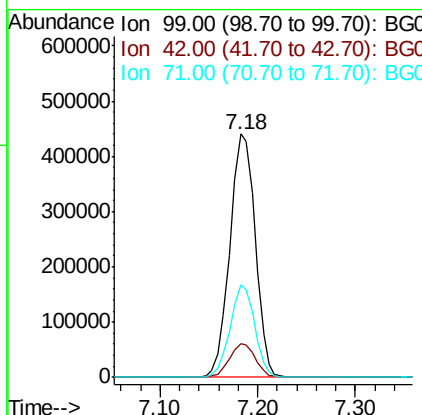
BNA_G

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#8

2-Chlorophenol

Concen: 55.143 ng

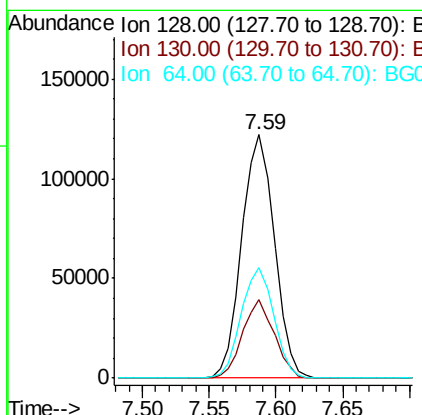
RT: 7.59 min Scan# 766

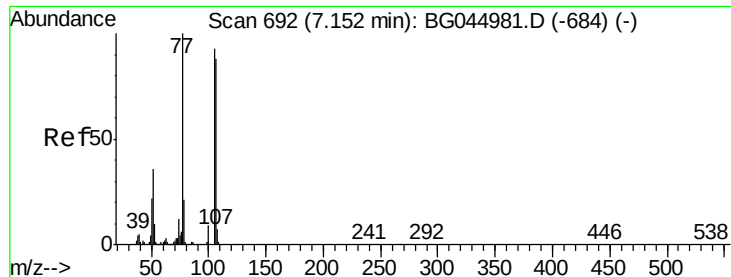
Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		207392		
130	32.2	12.3	52.3		
64	45.6	24.4	64.4		





#9

Benzaldehyde

Concen: 34.155 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

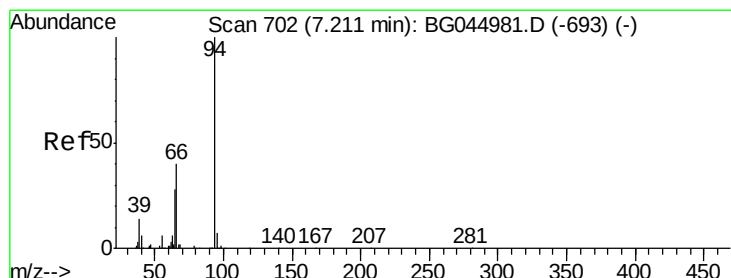
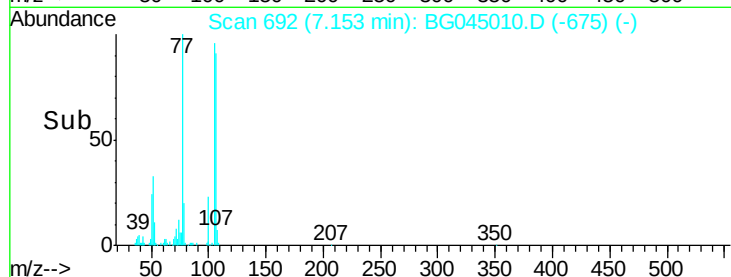
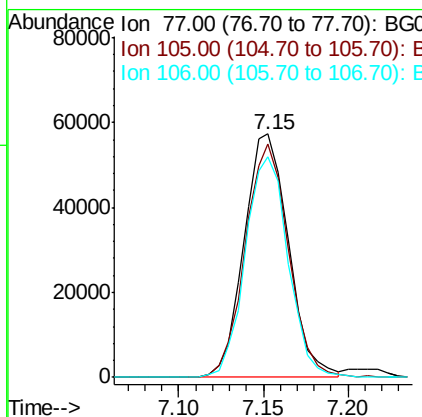
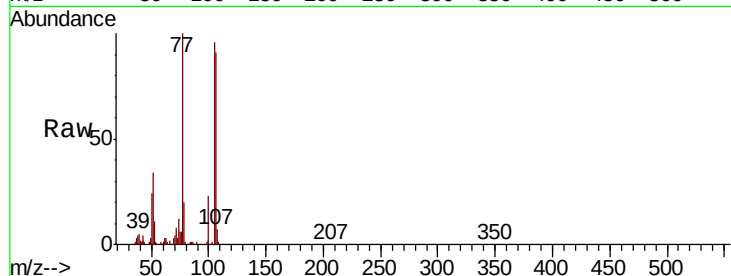
ClientSampleId :

PB128228BS

Tot Ion:	77	Resp:	104684
Ion	Ratio	Lower	Upper
77	100		
105	95.6	72.9	112.9
106	90.6	67.6	107.6

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#10

Phenol

Concen: 54.481 ng

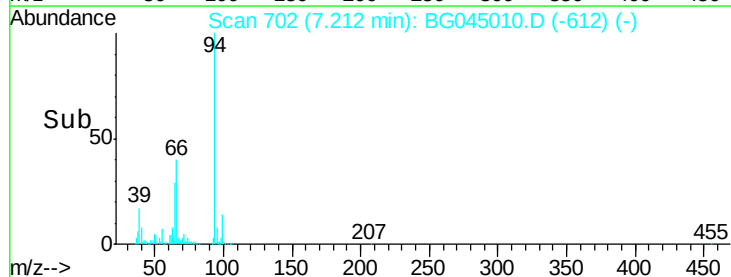
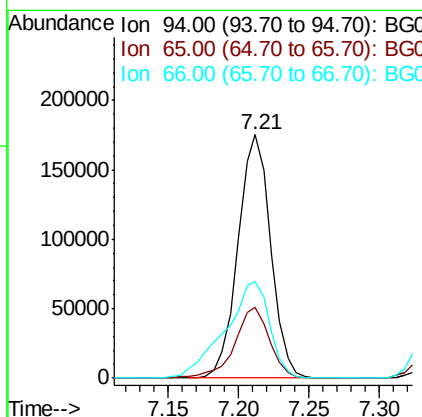
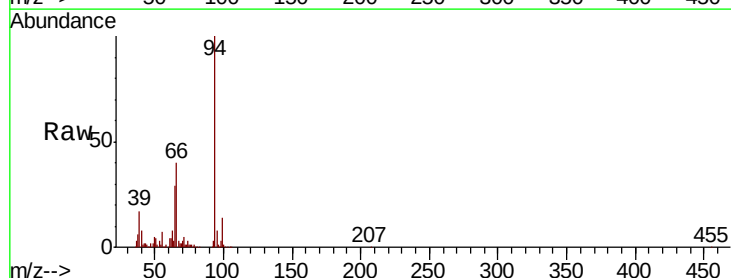
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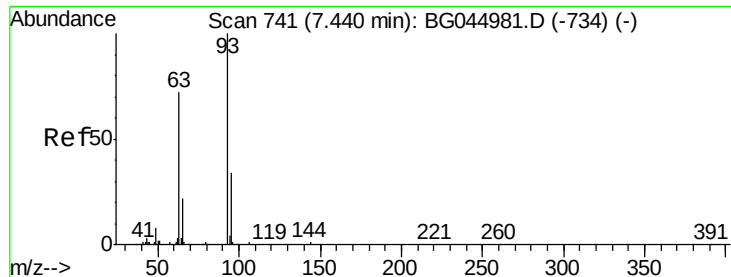
Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	94	Resp:	283459
Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.2	48.2
66	39.6	20.4	60.4





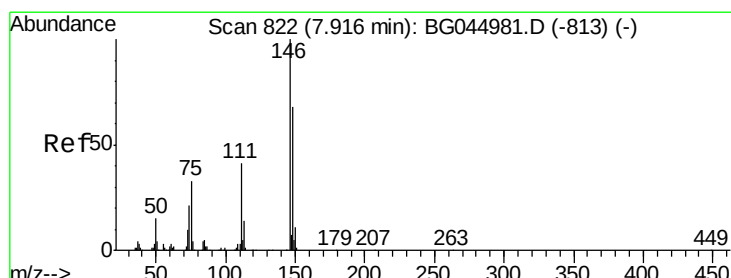
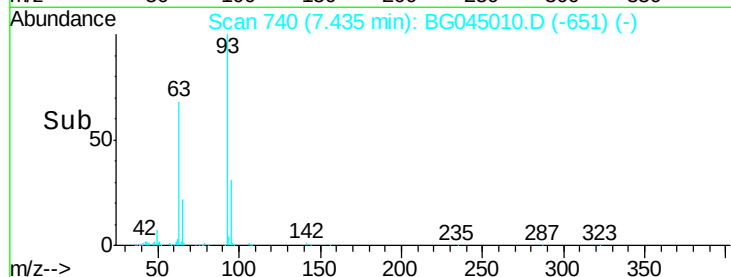
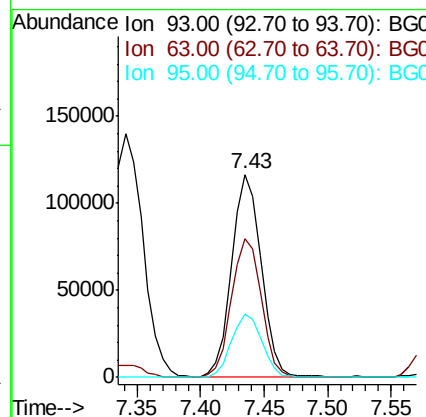
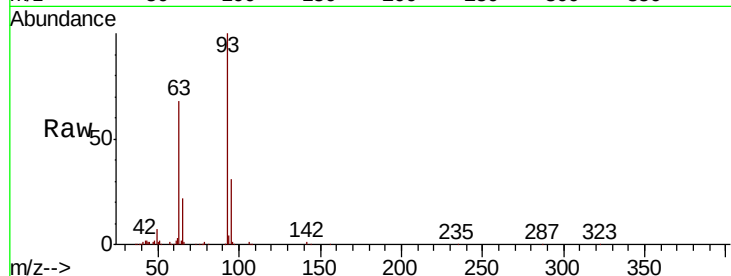
#11
bis(2-Chloroethyl)ether
Concen: 45.089 ng
RT: 7.43 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		186776		
63	68.3	51.8	91.8		
95	31.1	13.8	53.8		

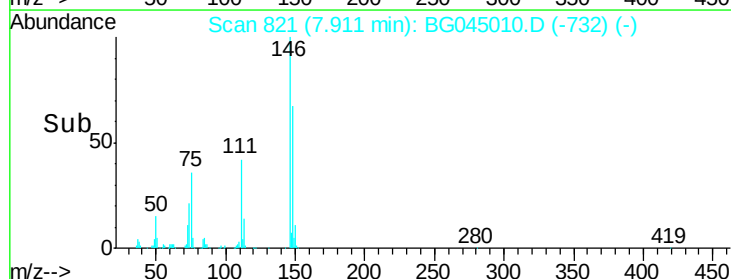
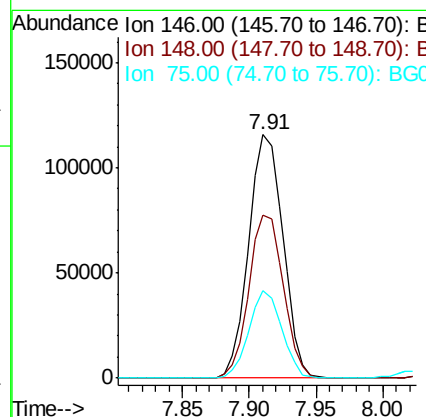
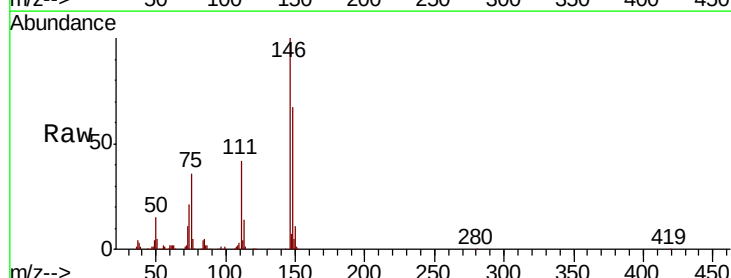
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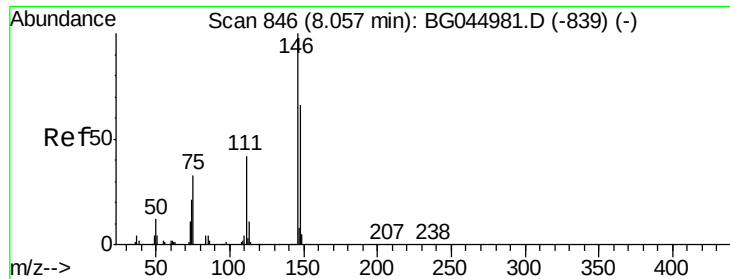
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.278 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		205094		
148	66.7	54.6	81.8		
75	36.0	26.0	39.0		





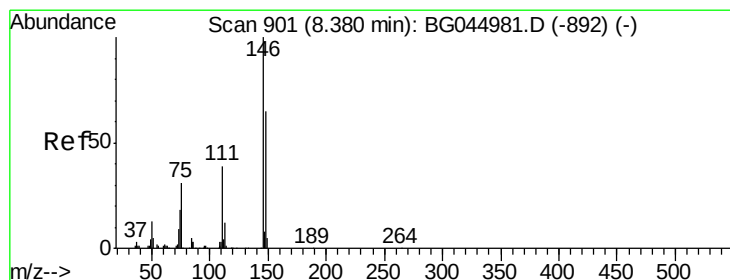
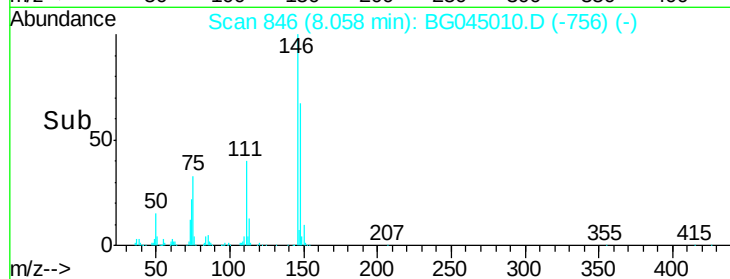
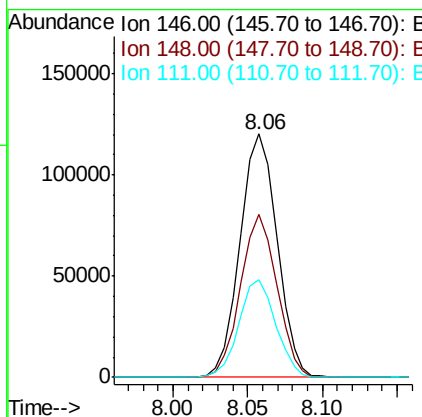
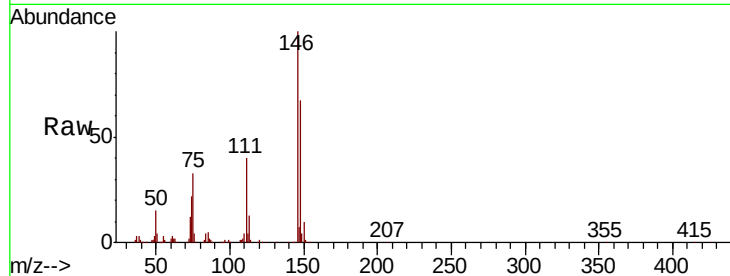
#13
1,4-Dichlorobenzene
Concen: 47.129 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.3	79.9
111	40.1	33.8	50.8

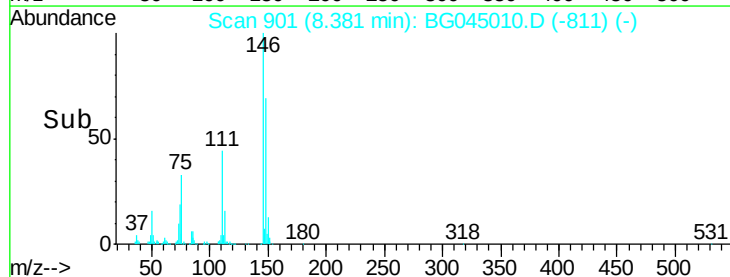
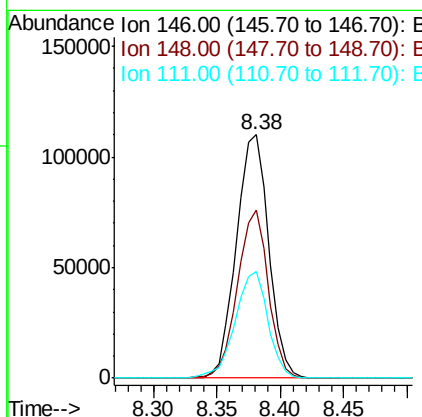
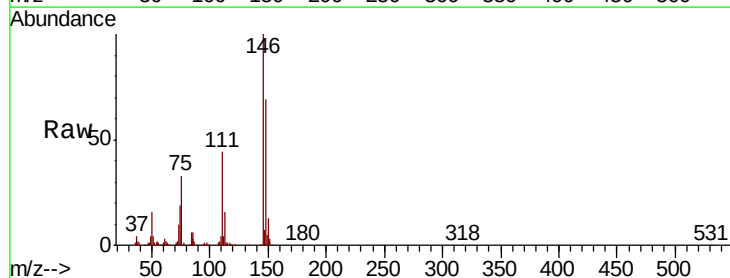
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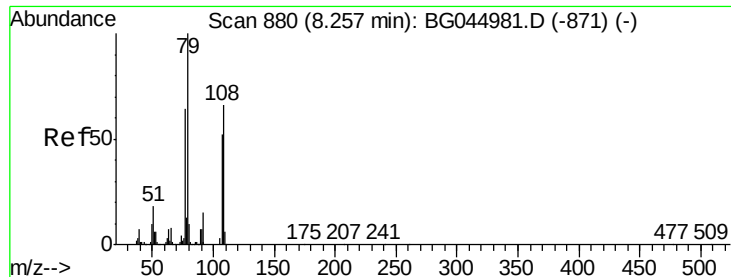
mohammad
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#14
1,2-Dichlorobenzene
Concen: 46.099 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.3	51.9	77.9
111	43.9	31.3	46.9





#15

Benzyl Alcohol

Concen: 49.989 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

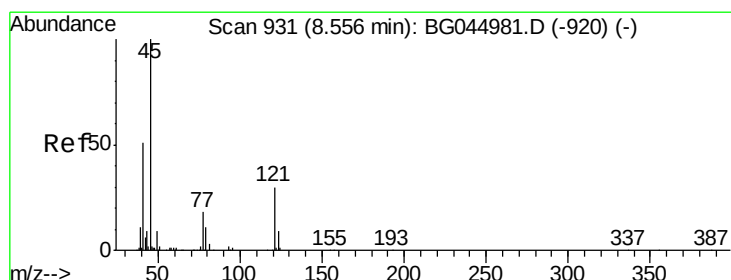
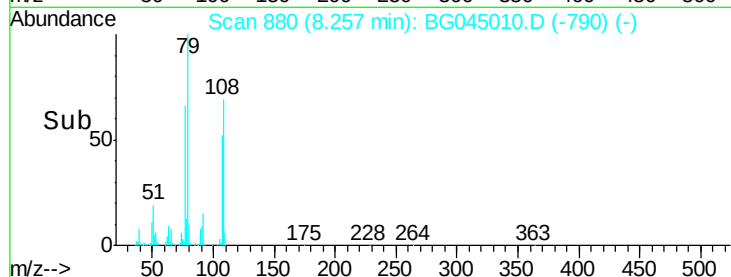
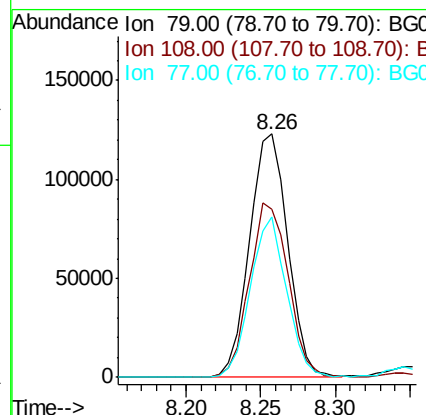
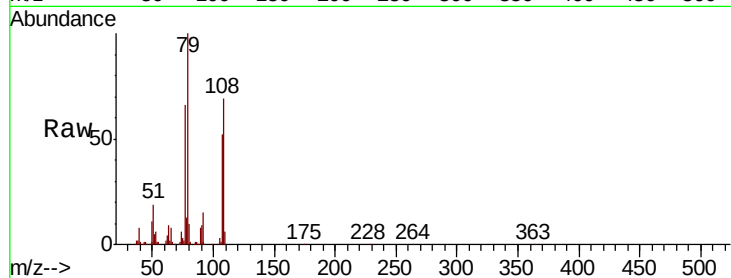
ClientSampleId :

PB128228BS

Tot Ion:	79	Resp:	217910
Ion	Ratio	Lower	Upper
79	100		
108	69.1	52.7	79.1
77	66.0	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.366 ng

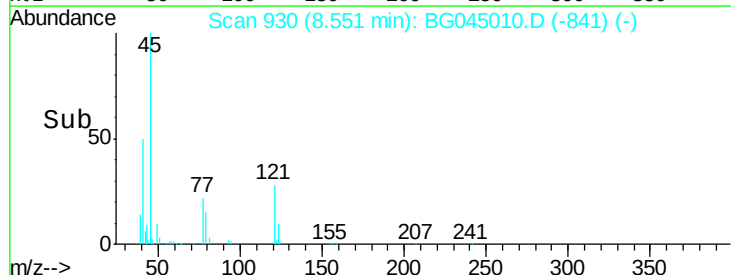
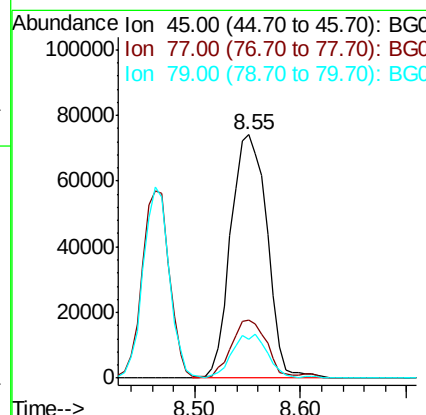
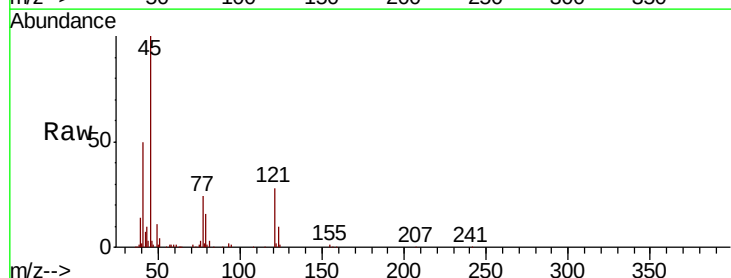
RT: 8.55 min Scan# 930

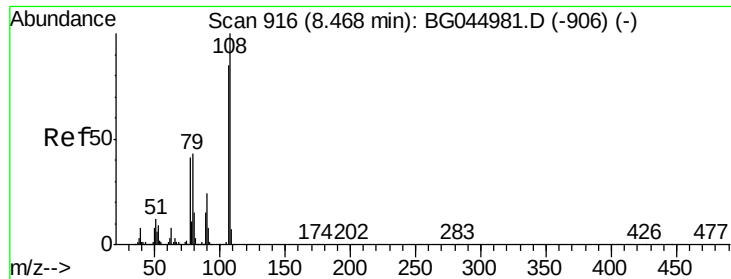
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	45	Resp:	176338
Ion	Ratio	Lower	Upper
45	100		
77	23.6	1.9	41.9
79	16.0	0.0	35.5





#17

2-Methylphenol

Concen: 48.611 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

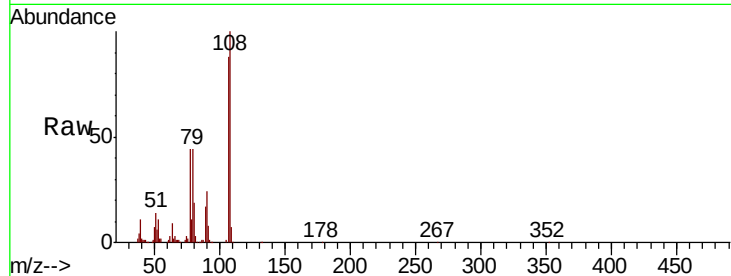
ClientSampleId :

PB128228BS

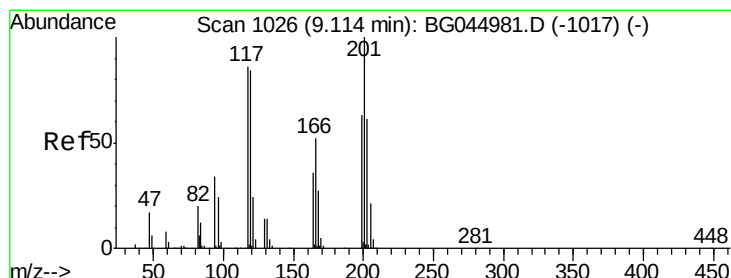
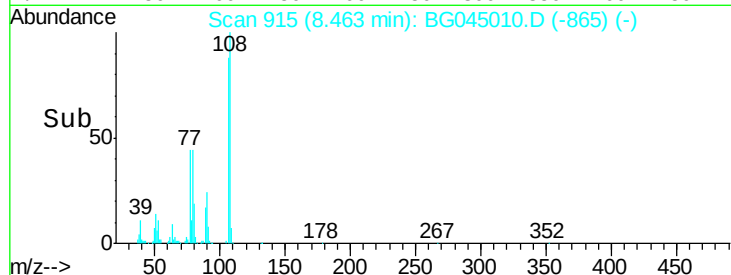
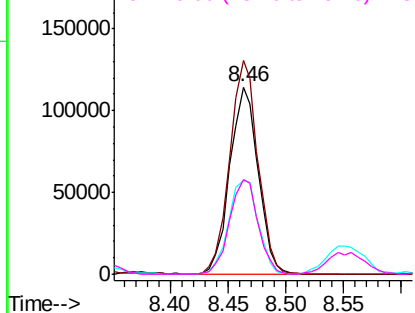
Tot Ion	Ratio	Resp	Lower	Upper
107	100	195135		
108	114.2	93.8	140.6	
77	49.8	38.5	57.7	
79	50.8	40.1	60.1	

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Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0



#18

Hexachloroethane

Concen: 46.552 ng

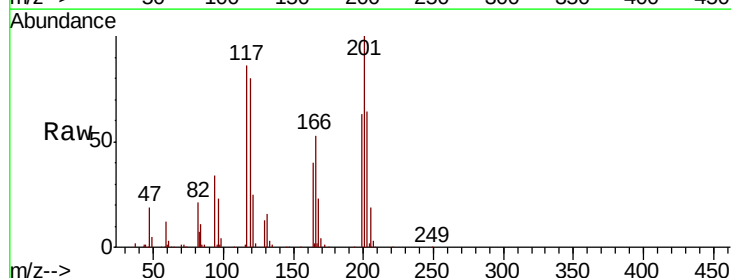
RT: 9.11 min Scan# 1026

Delta R.T. 0.00 min

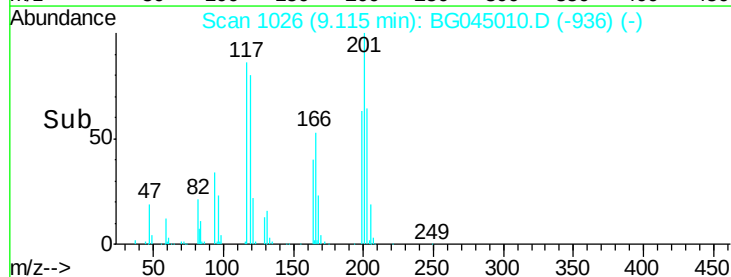
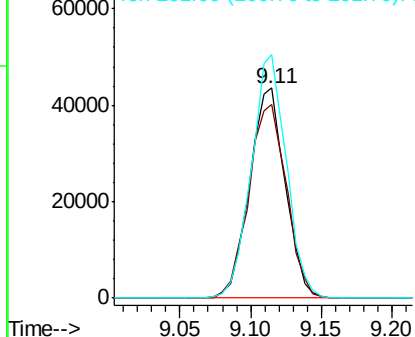
Lab File: BG045010.D

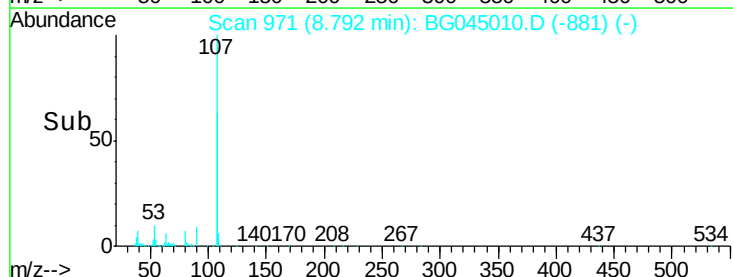
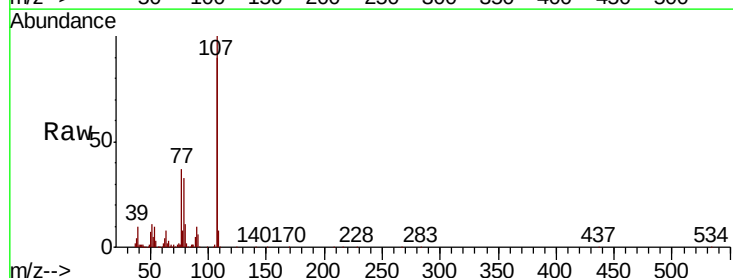
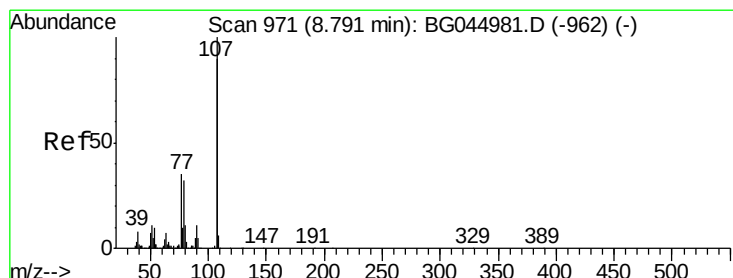
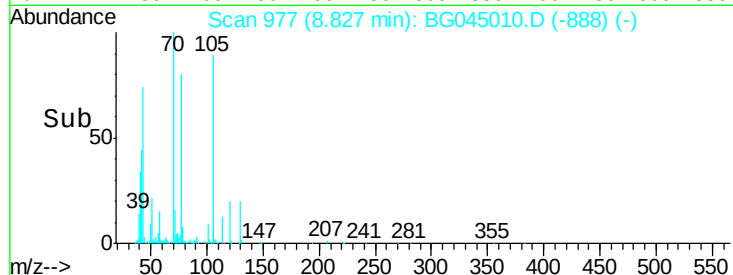
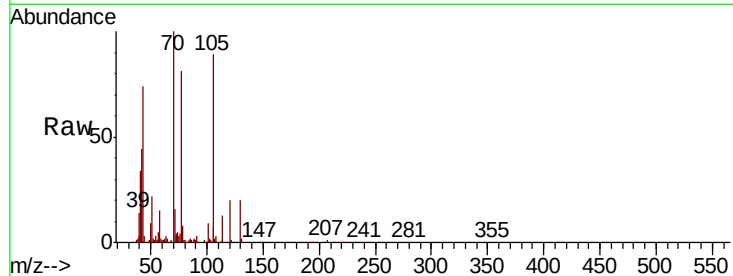
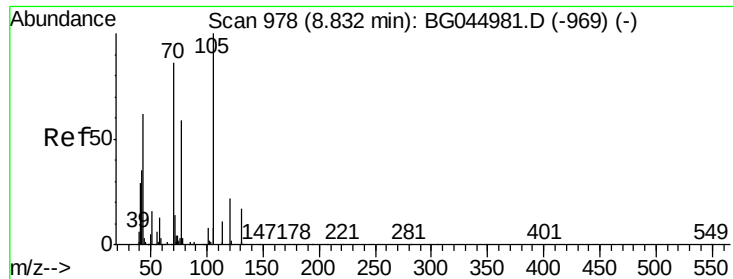
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77281		
119	92.4	78.3	117.5	
201	116.1	92.9	139.3	



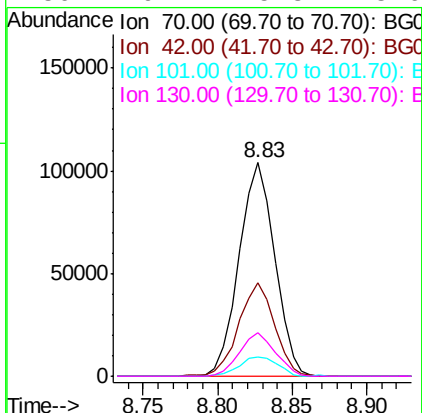
Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E
20000
0





#19
n-Nitroso-di-n-propylamine
Concen: 46.899 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.5	33.3	49.9	
101	8.7	7.8	11.8	
130	20.2	15.8	23.6	



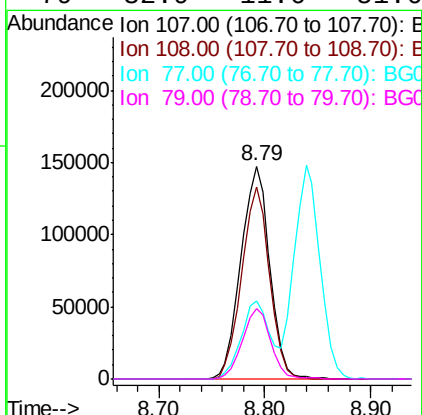
Instrument :
BNA_G
ClientSampleId :
PB128228BS

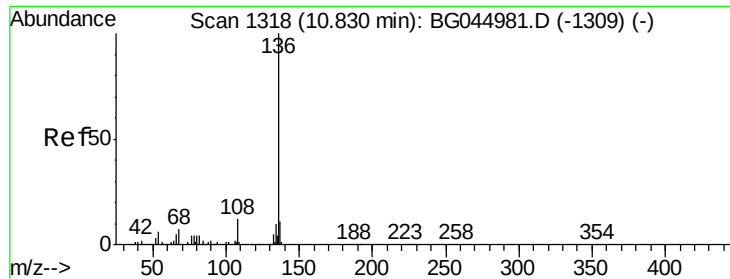
Manual Integrations
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#20
3+4-Methylphenols
Concen: 49.552 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	69.9	109.9	
77	36.9	15.2	55.2	
79	32.9	11.6	51.6	





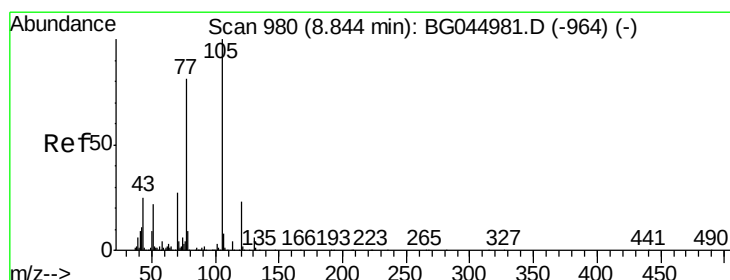
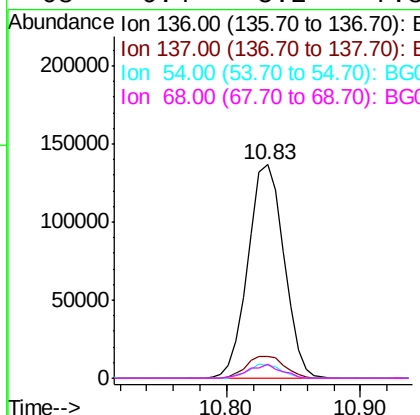
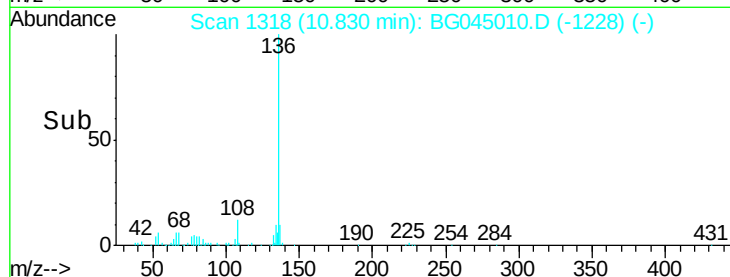
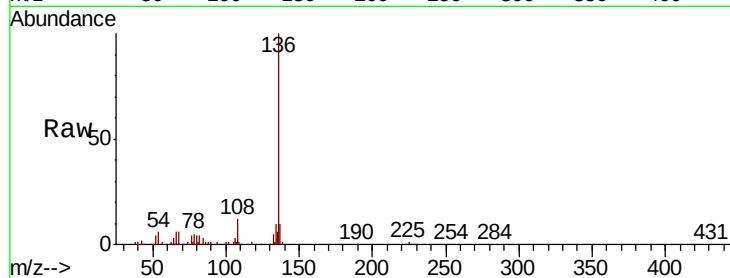
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.6	13.0
54	6.0	4.8	7.2
68	6.4	5.2	7.8

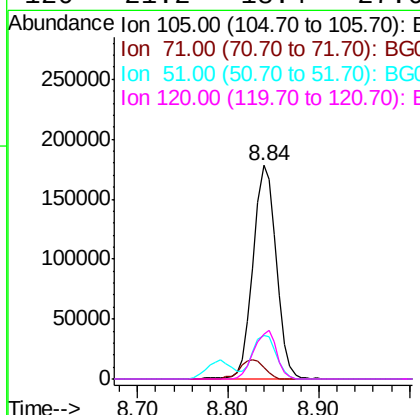
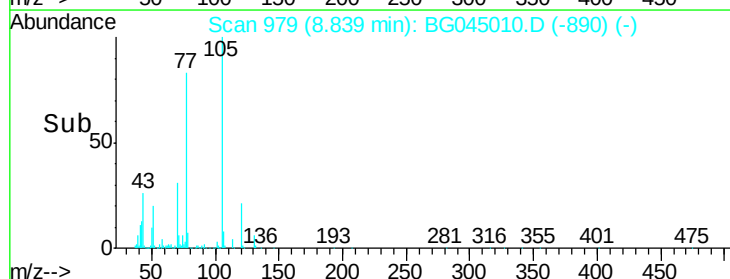
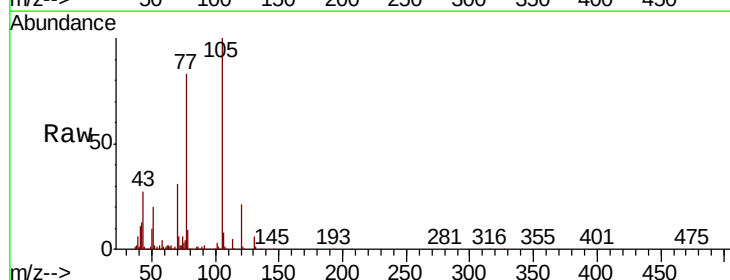
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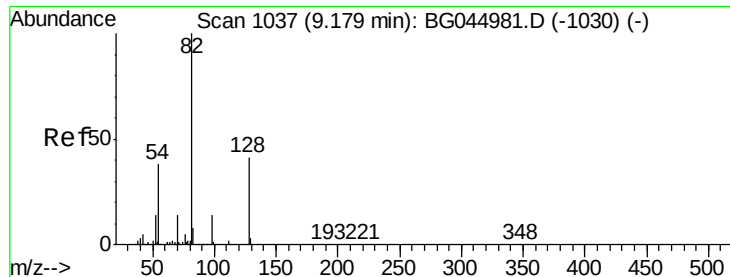
mohammad
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#22
Acetophenone
Concen: 46.065 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.3	4.9#
51	20.5	17.3	25.9
120	21.2	18.4	27.6





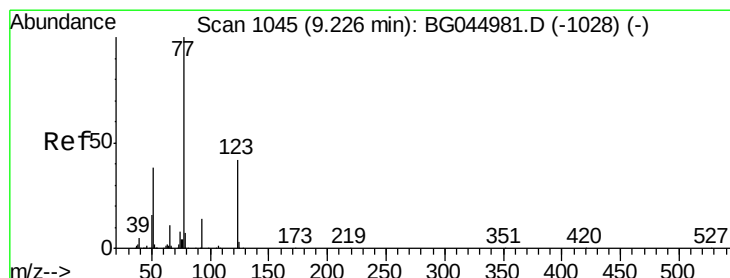
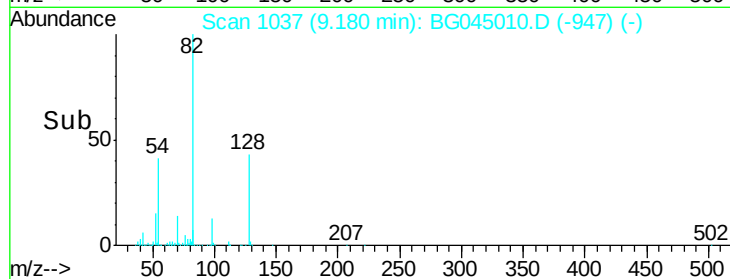
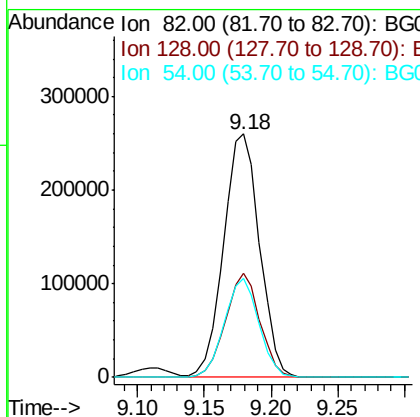
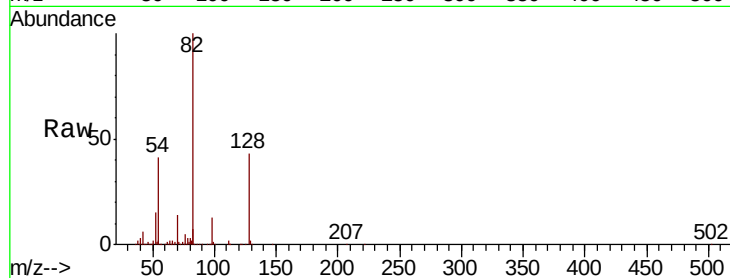
#23
Nitrobenzene-d5
Concen: 87.385 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	40.6	30.4	45.6

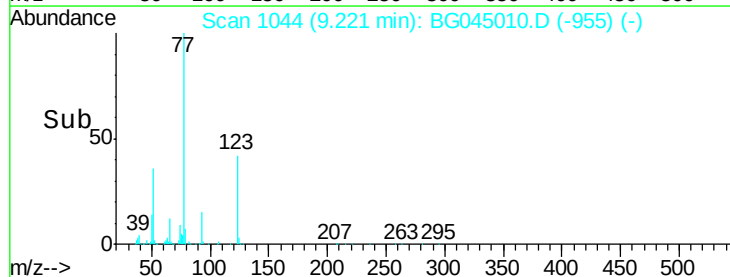
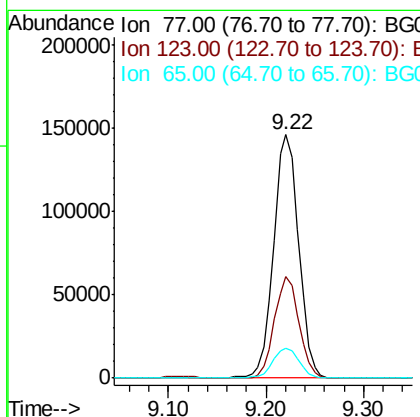
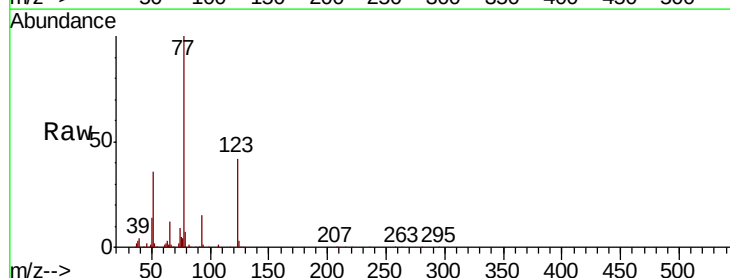
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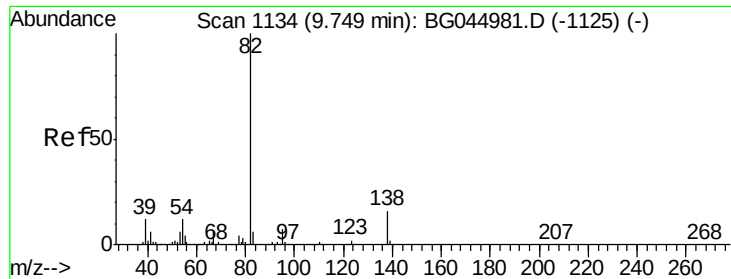
mohammad
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#24
Nitrobenzene
Concen: 45.483 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	34.3	51.5
65	12.3	8.9	13.3





#25

Isophorone

Concen: 43.317 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

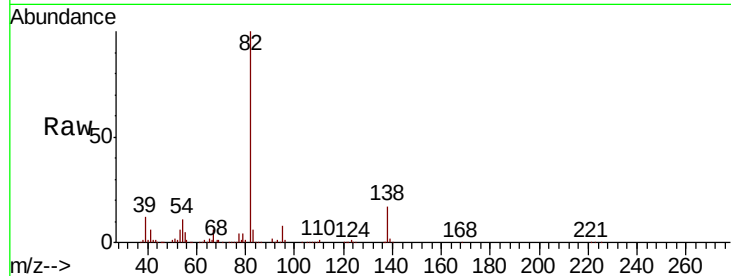
ClientSampleId :

PB128228BS

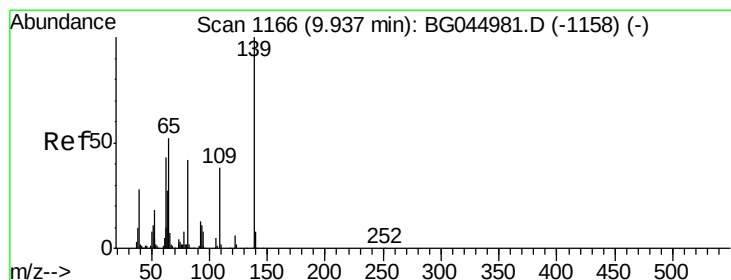
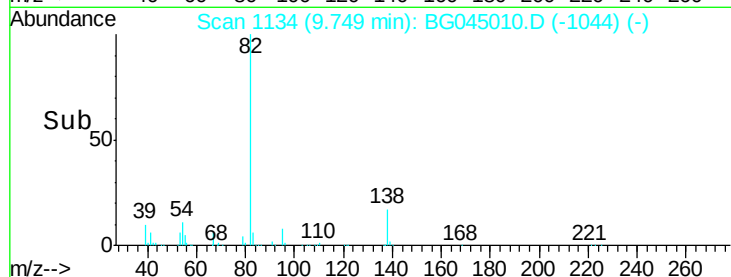
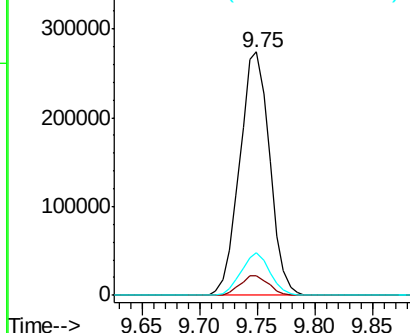
Tot Ion:	82	Resp:	495259
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	17.3	12.7	19.1

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.145 ng

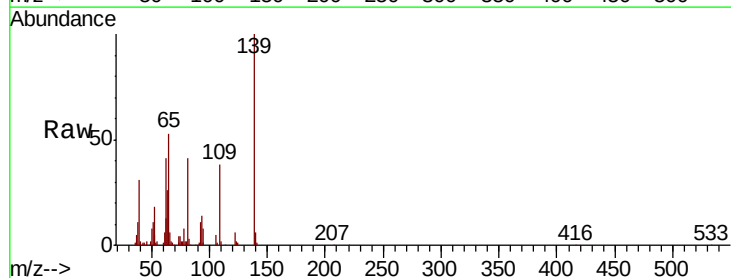
RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

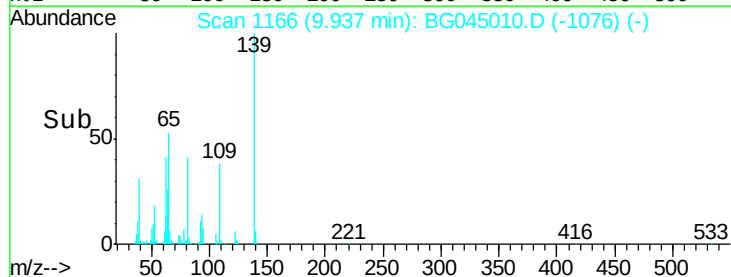
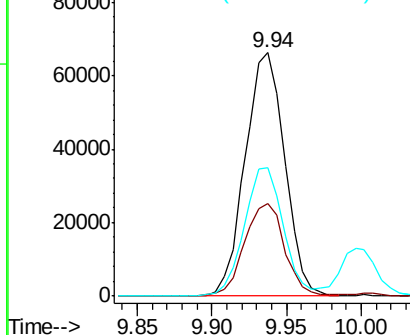
Lab File: BG045010.D

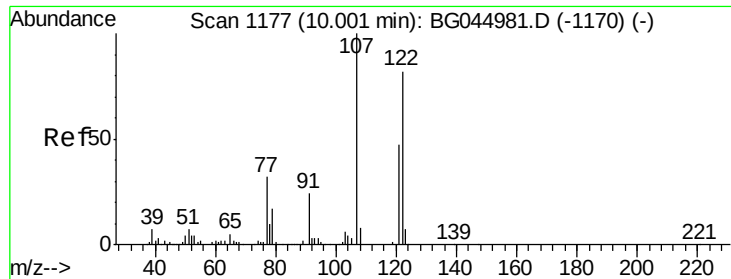
Acq: 16 Apr 2020 17:31

Tgt Ion:	139	Resp:	121147
Ion Ratio	Lower	Upper	
139	100		
109	38.2	30.6	45.8
65	52.7	41.8	62.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





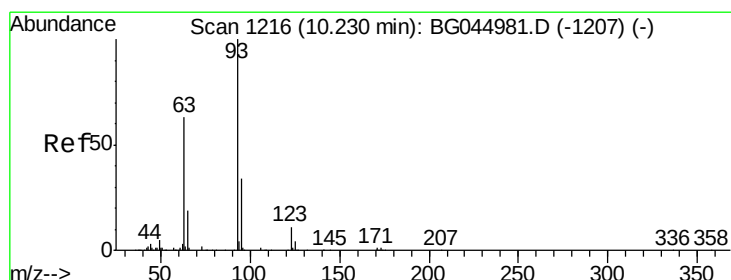
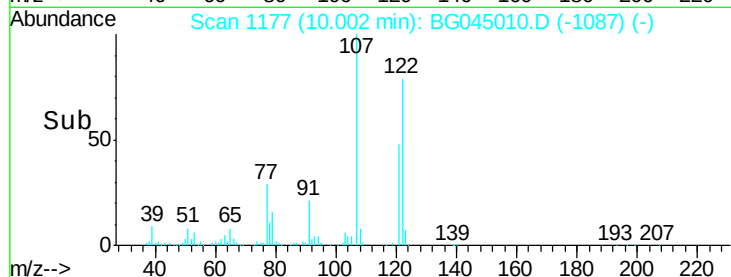
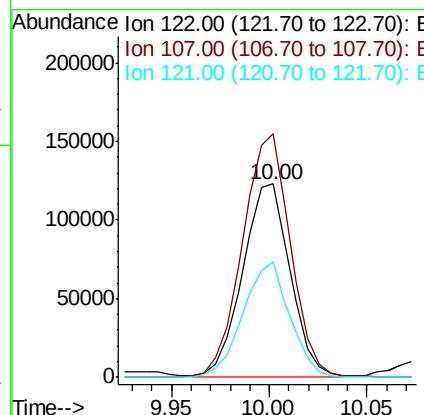
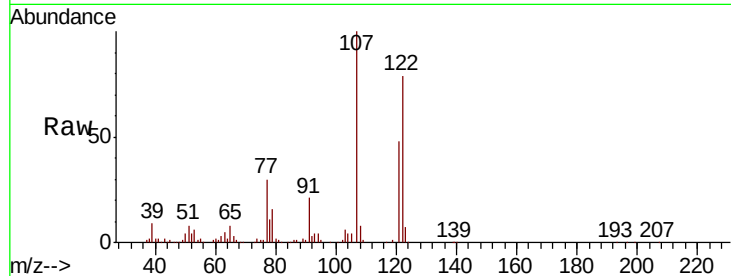
#27
 2,4-Dimethylphenol
 Concen: 52.752 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	206335		
107	125.9	96.8	145.2	
121	60.1	45.6	68.4	

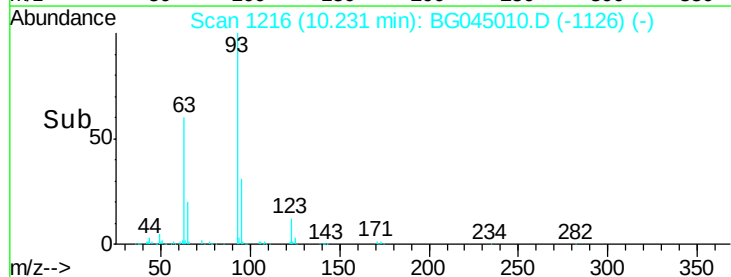
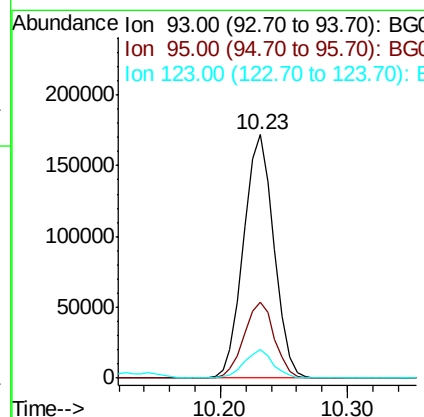
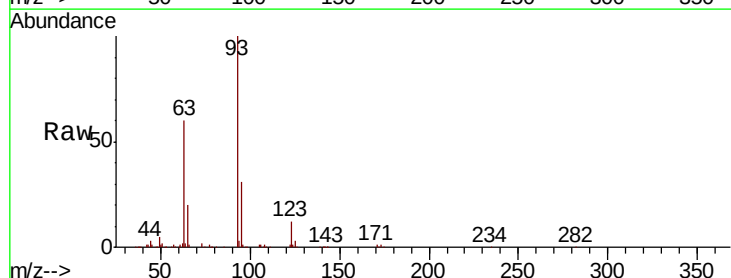
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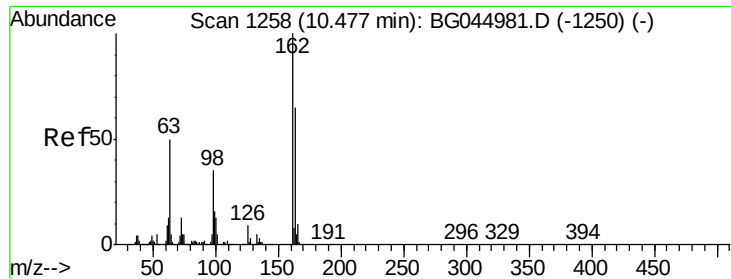
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.524 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	285487		
95	31.3	27.0	40.4	
123	11.6	8.7	13.1	





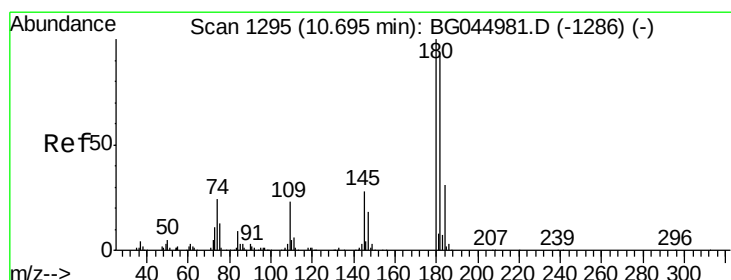
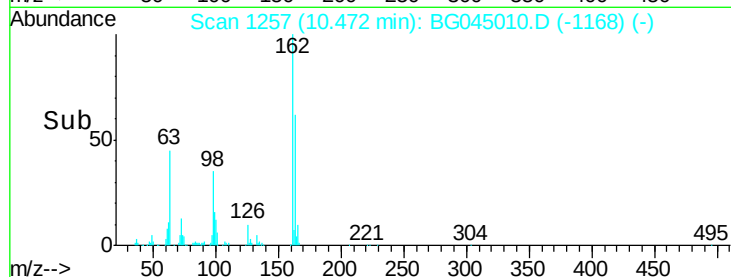
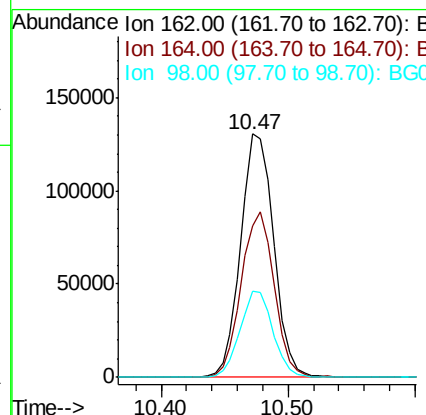
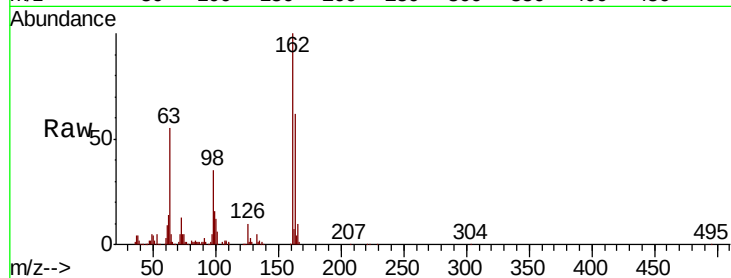
#29
 2,4-Dichlorophenol
 Concen: 52.400 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	236661		
164	62.3	45.0	85.0	
98	35.2	15.2	55.2	

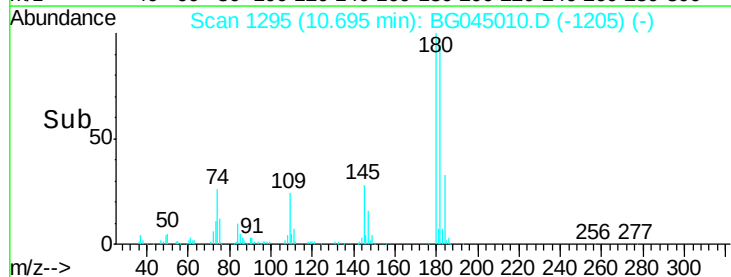
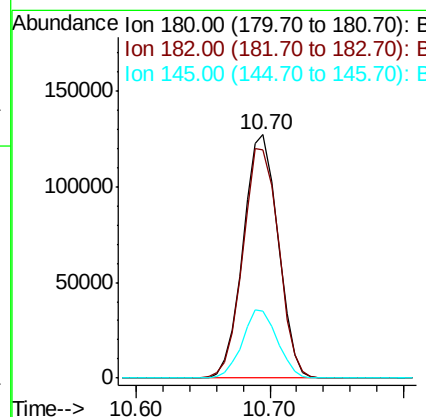
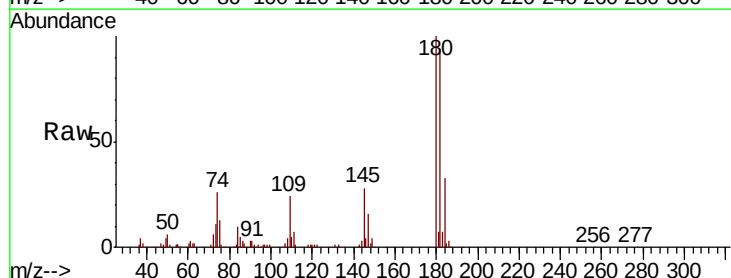
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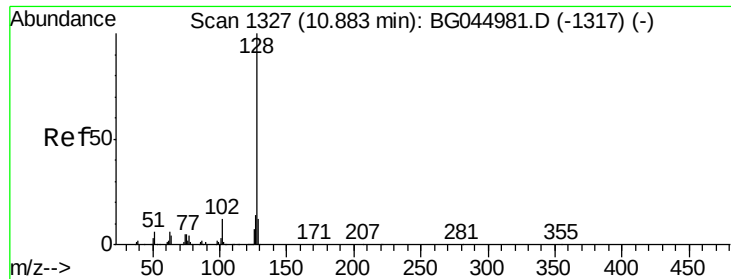
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.944 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229827		
182	93.7	73.3	109.9	
145	27.6	22.6	33.8	





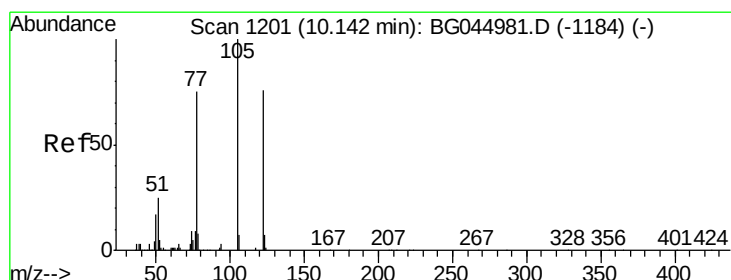
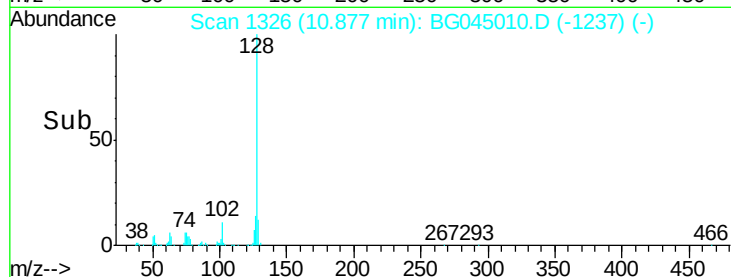
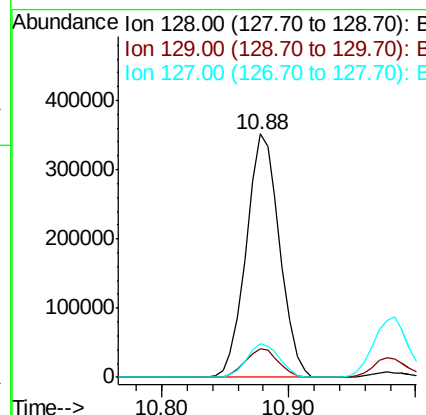
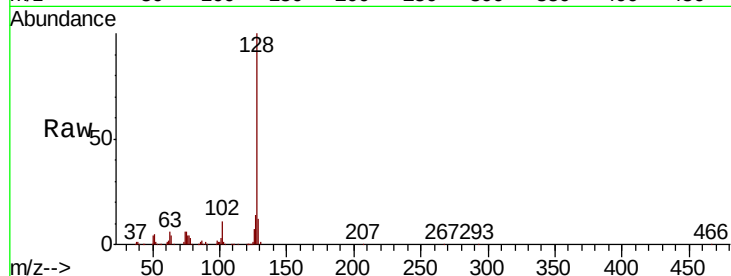
#31
Naphthalene
Concen: 45.941 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.9	10.8	16.2

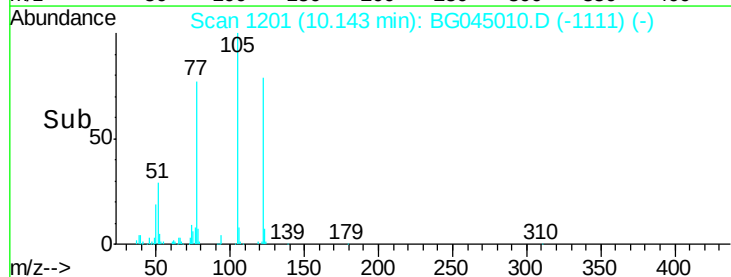
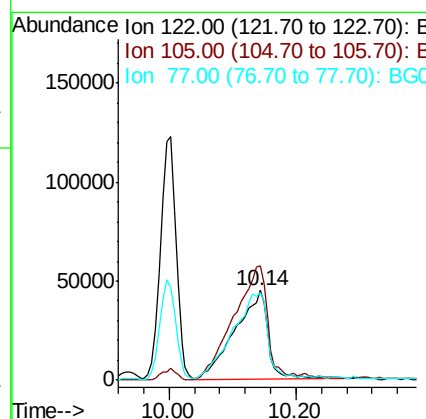
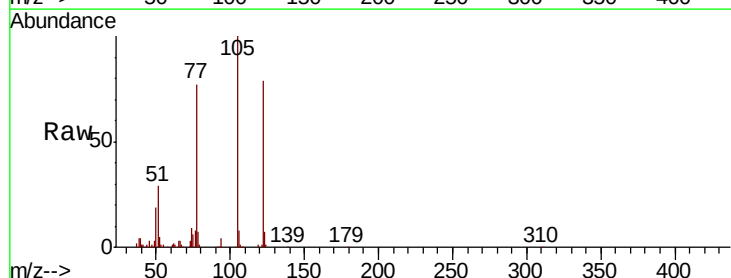
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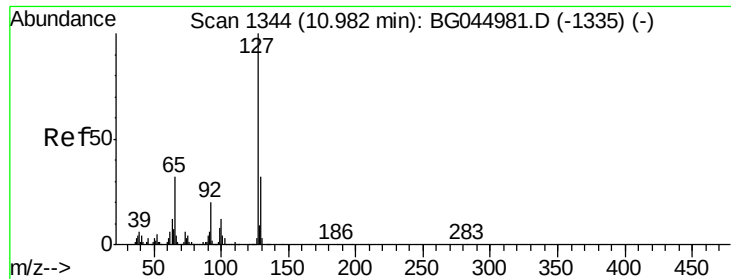
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#32
Benzoic acid
Concen: 50.576 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	108.4	148.4
77	98.0	78.8	118.8





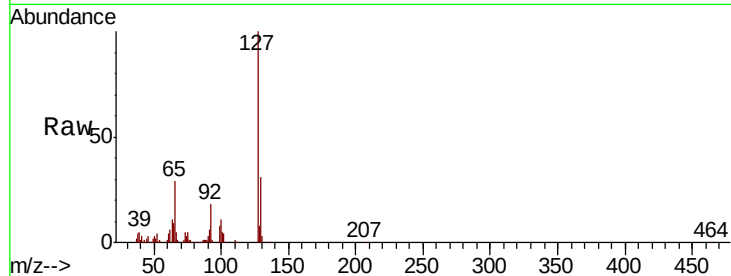
#33
4-Chloroaniline
Concen: 25.359 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

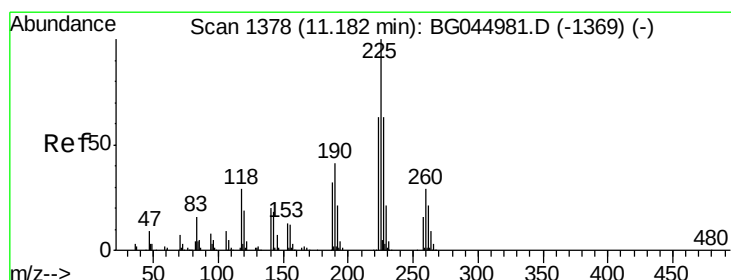
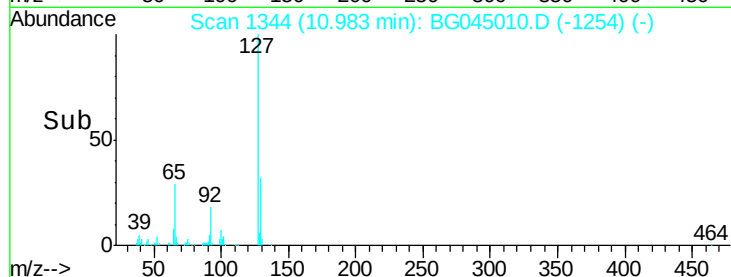
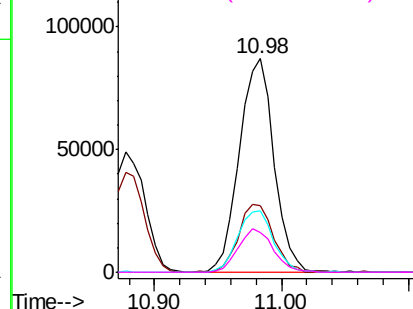
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.7	38.5		
65	28.8	25.4	38.2		
92	18.4	16.1	24.1		

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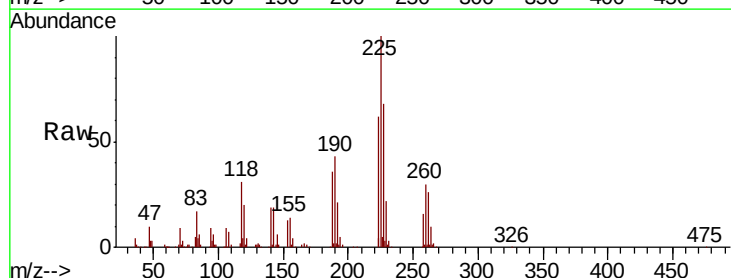


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

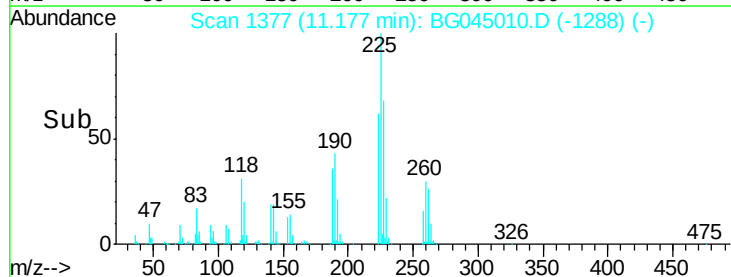
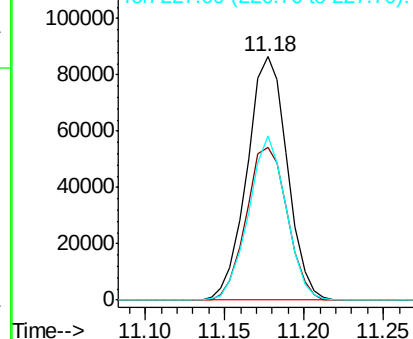


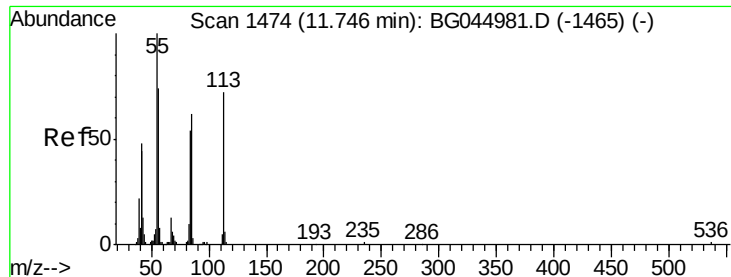
#34
Hexachlorobutadiene
Concen: 43.402 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.7	76.1		
227	67.6	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





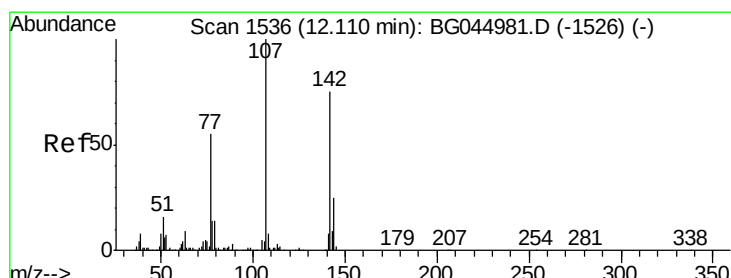
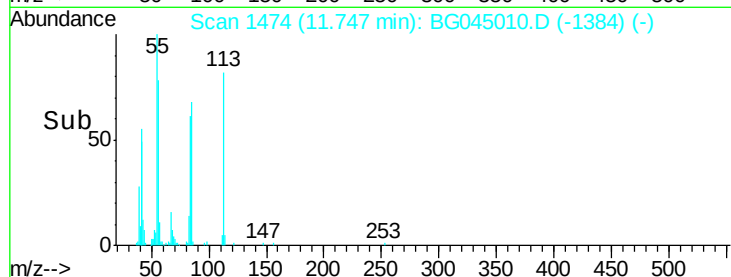
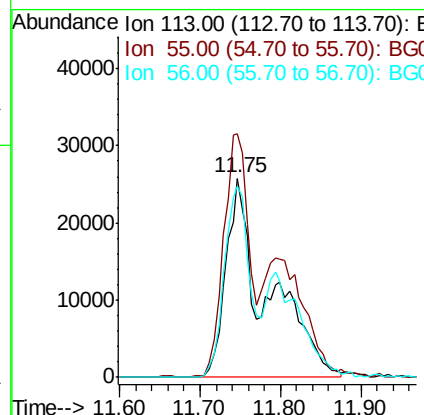
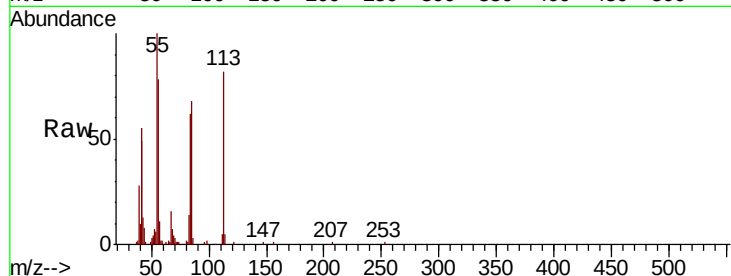
#35
Caprolactam
Concen: 50.931 ng/ml
RT: 11.75 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		91550		
55	122.1		118.8	158.8	
56	95.7		82.6	122.6	

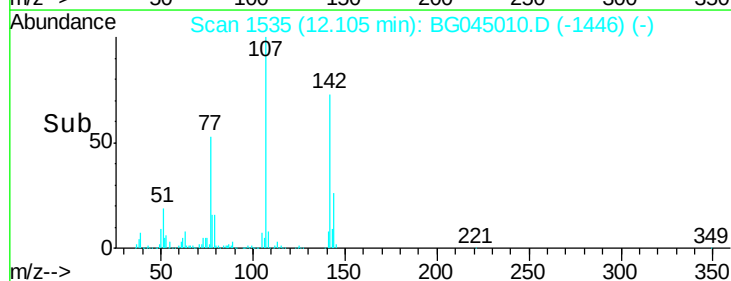
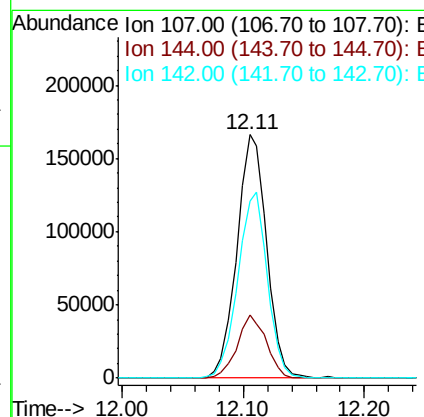
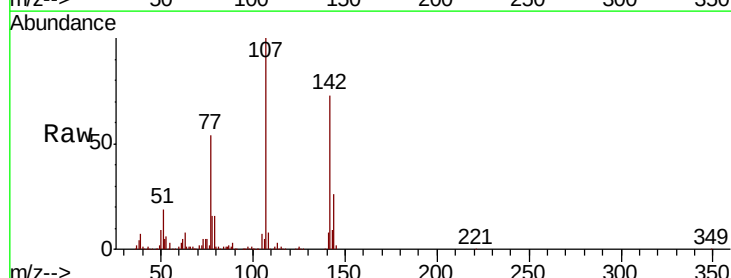
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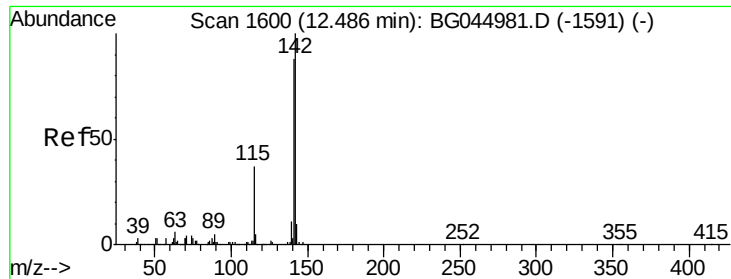
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 53.676 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		284786		
144	26.1		19.8	29.6	
142	72.9		59.7	89.5	





#37

2-Methylnaphthalene

Concen: 47.991 ng

RT: 12.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

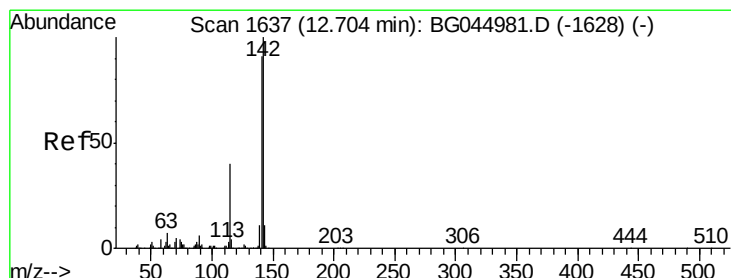
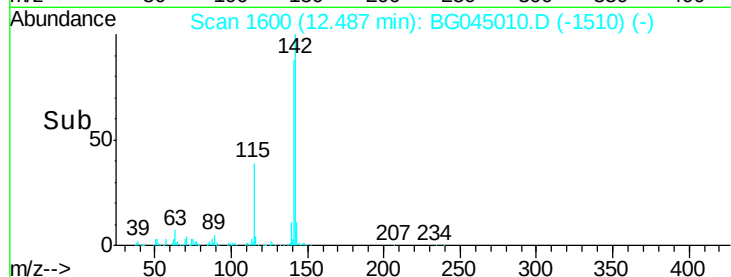
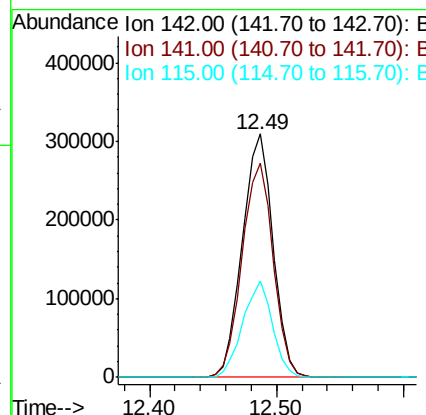
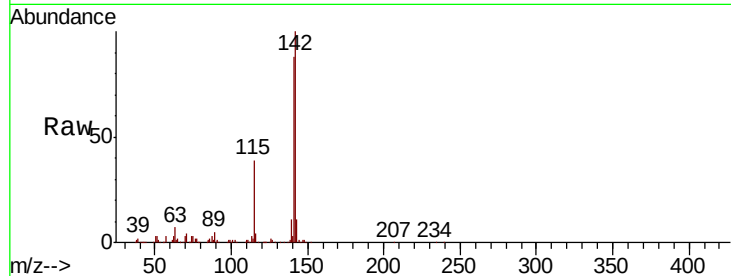
ClientSampleId :

PB128228BS

Tot Ion:	142	Resp:	519111
Ion Ratio		Lower	Upper
142	100		
141	87.9	70.3	105.5
115	39.4	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 48.240 ng

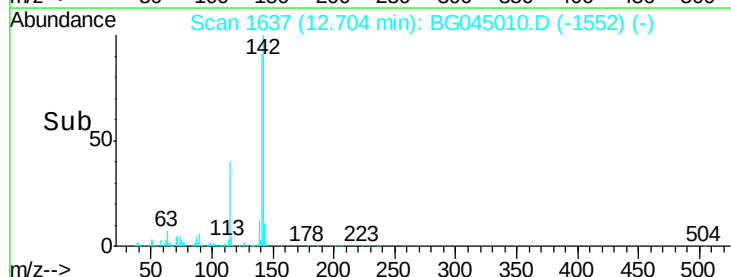
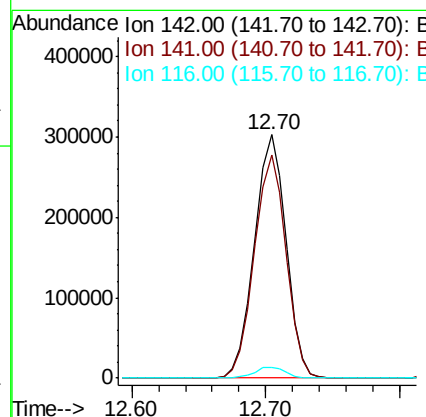
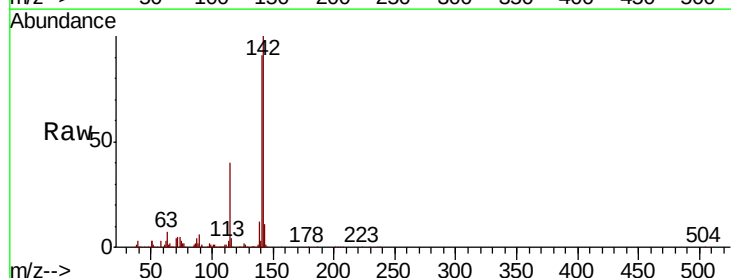
RT: 12.70 min Scan# 1637

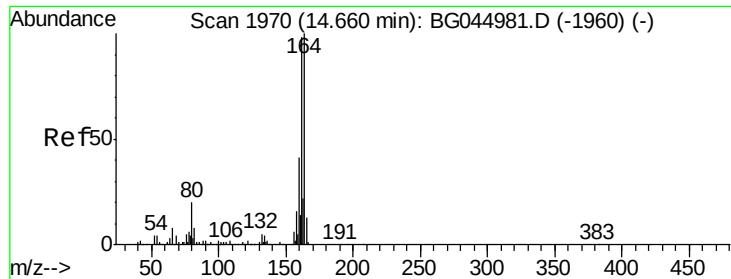
Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	142	Resp:	492606
Ion Ratio		Lower	Upper
142	100		
141	91.4	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

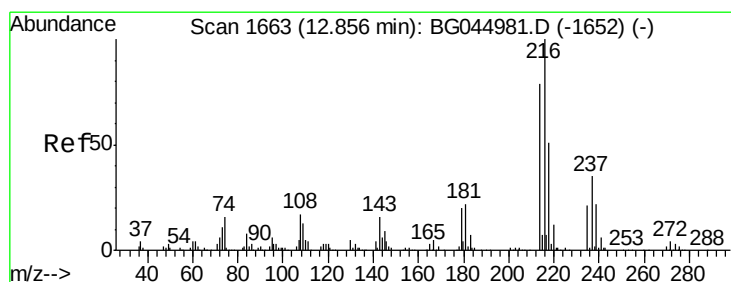
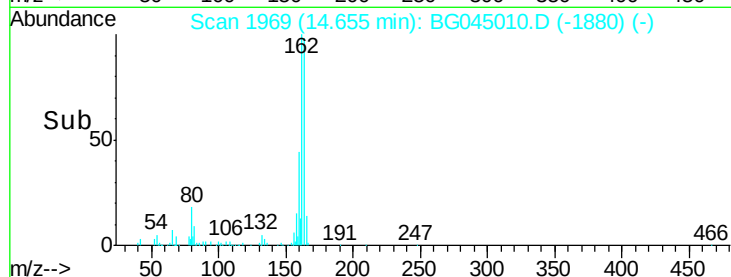
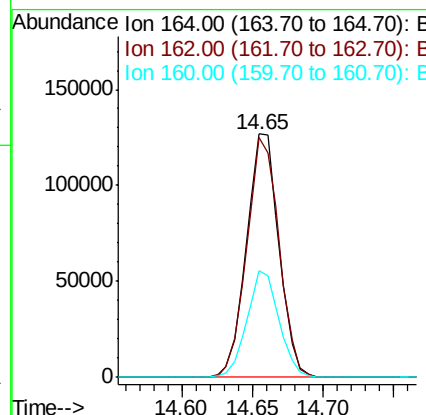
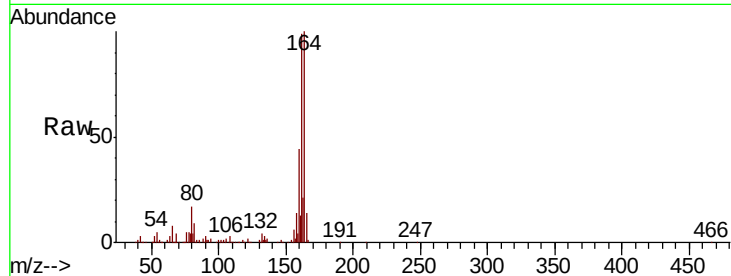
ClientSampleId :

PB128228BS

Tot Ion:	164	Resp:	204316
Ion Ratio	Lower	Upper	
164	100		
162	98.7	78.7	118.1
160	43.8	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.383 ng

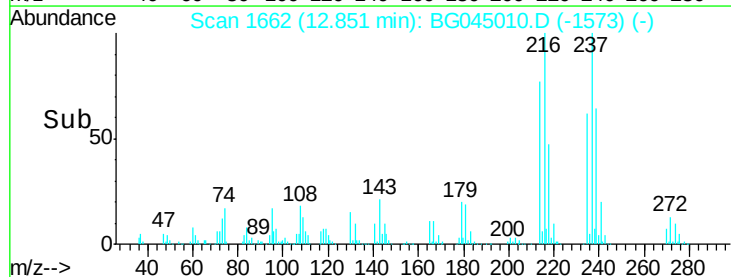
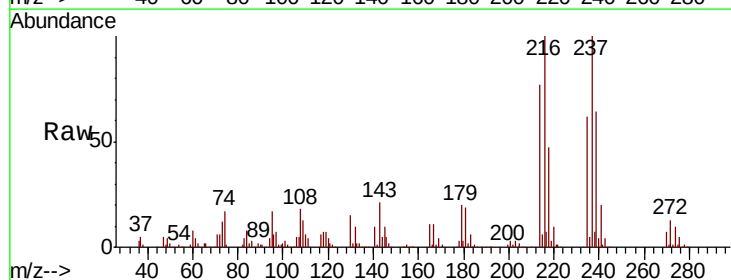
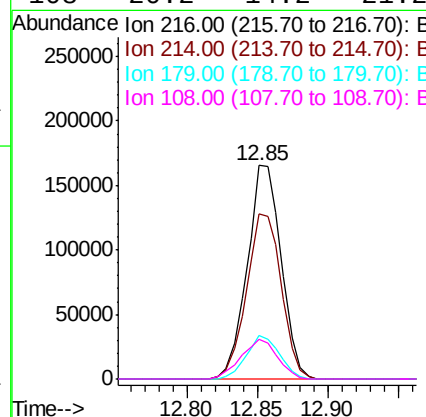
RT: 12.85 min Scan# 1662

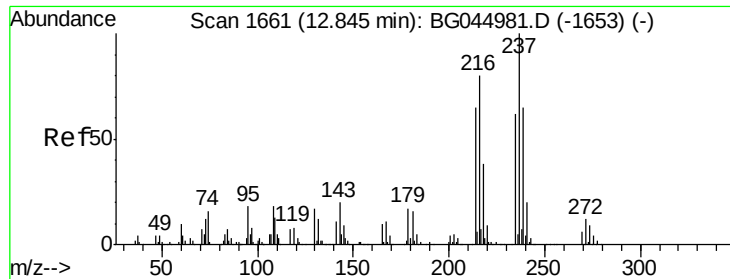
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	216	Resp:	278815
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.6
179	19.7	15.8	23.8
108	20.2	14.2	21.2





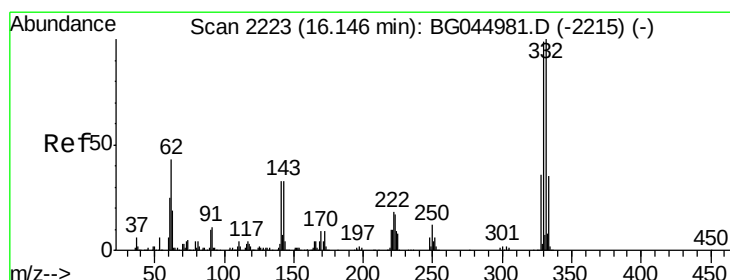
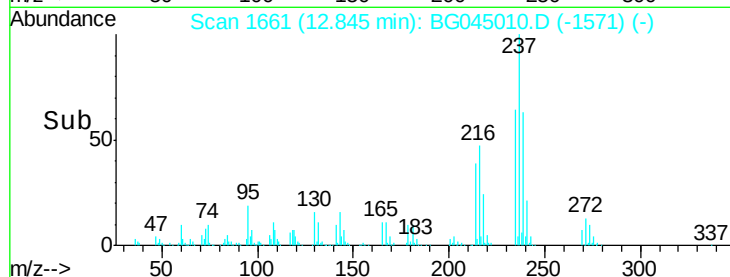
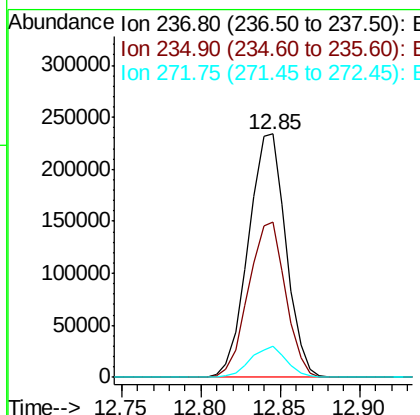
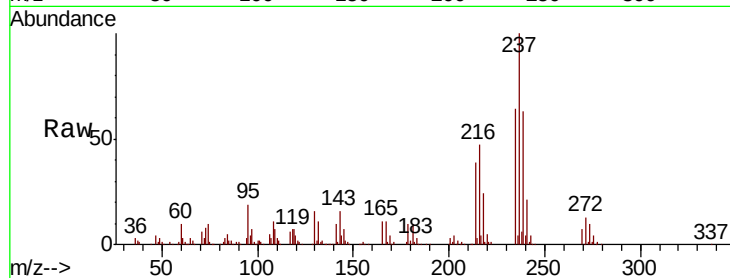
#41
Hexachlorocyclopentadiene
Concen: 93.868 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	41.6	81.6	
272	12.8	0.0	32.1	

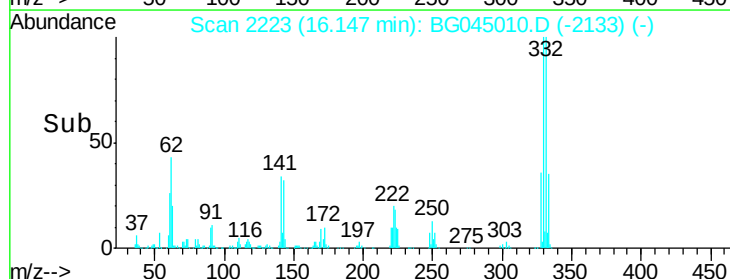
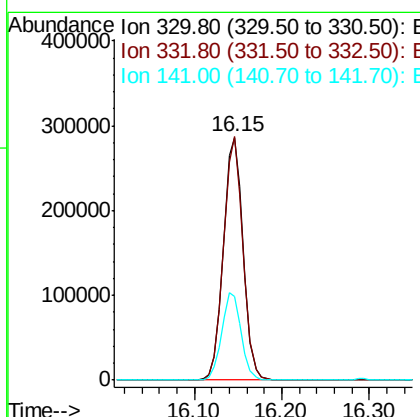
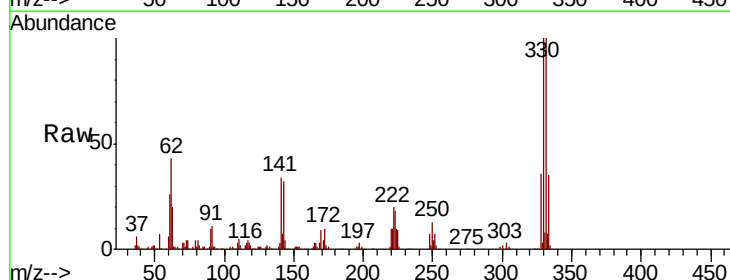
Manual Integrations
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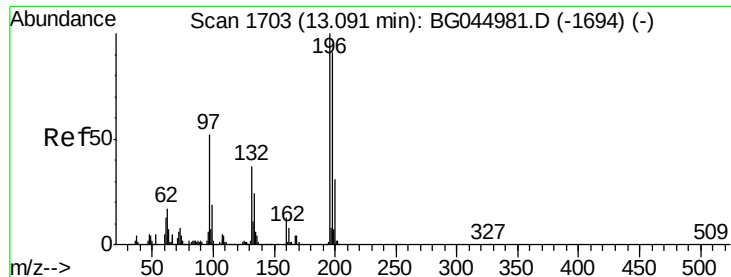
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#42
2,4,6-Tribromophenol
Concen: 141.301 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	79.1	118.7	
141	35.4	27.1	40.7	





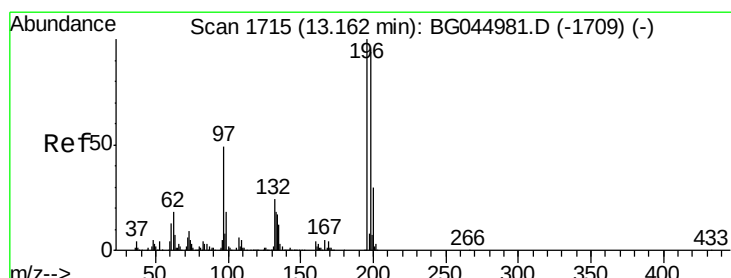
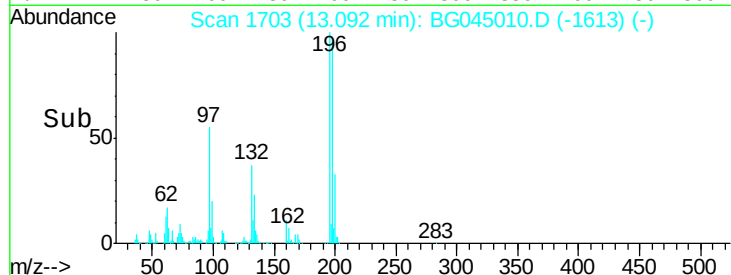
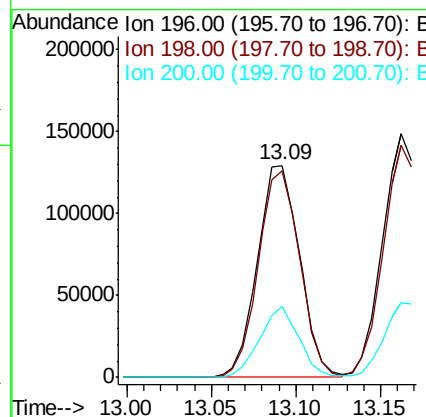
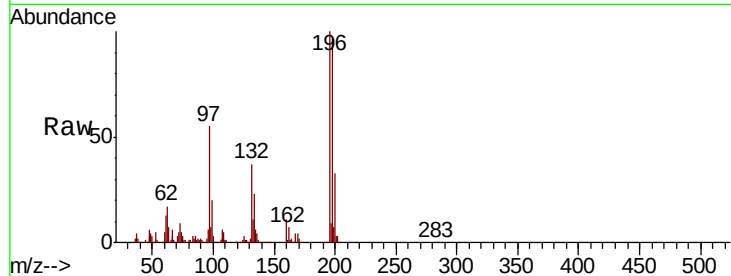
#43
 2,4,6-Trichlorophenol
 Concen: 48.441 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224904		
198	97.4	72.5	108.7	
200	33.2	24.5	36.7	

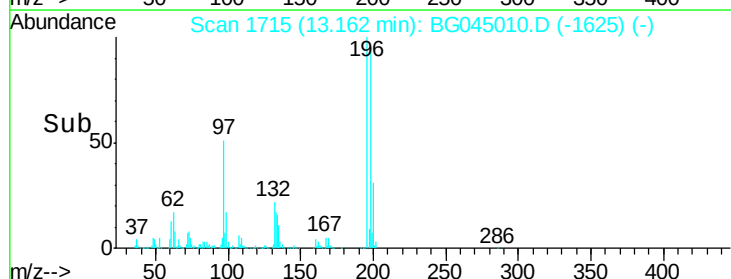
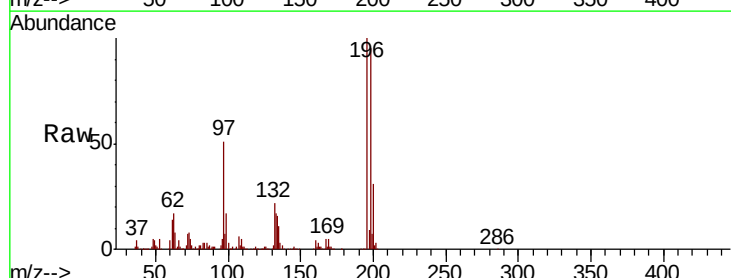
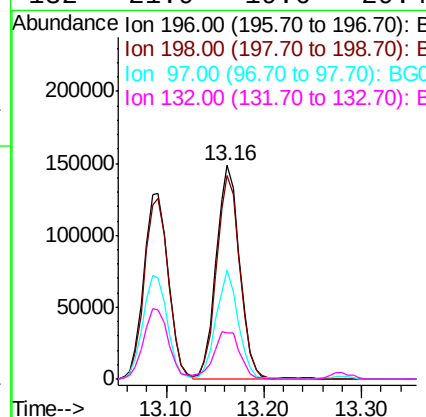
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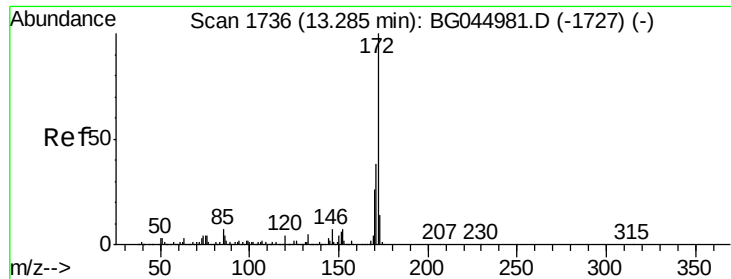
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.951 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	248122		
198	95.4	75.7	113.5	
97	50.8	39.6	59.4	
132	21.9	19.6	29.4	





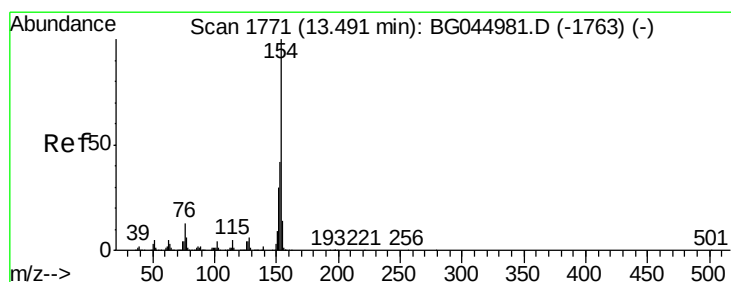
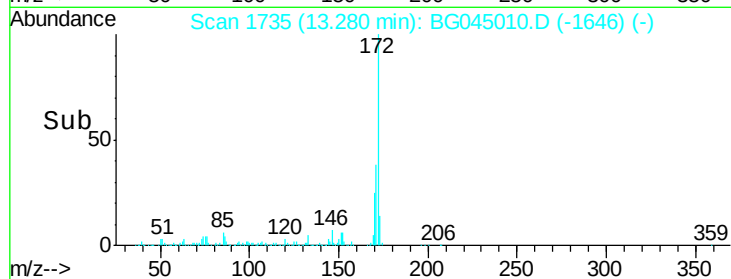
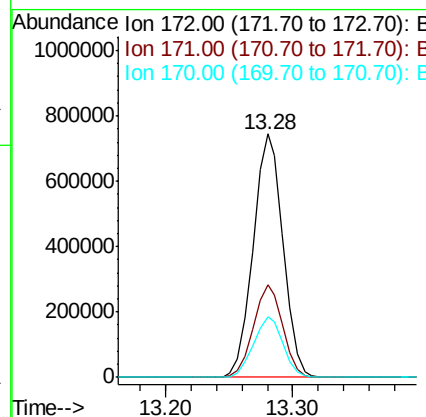
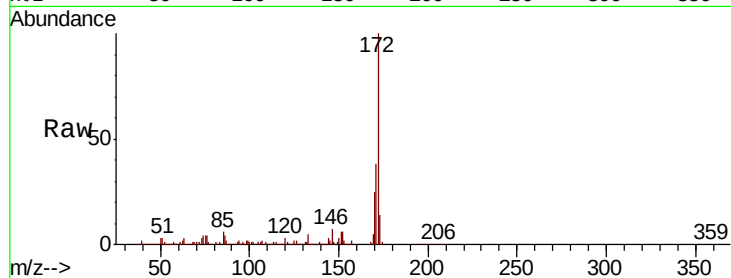
#45
2-Fluorobiphenyl
Concen: 87.173 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.9	20.5	30.7

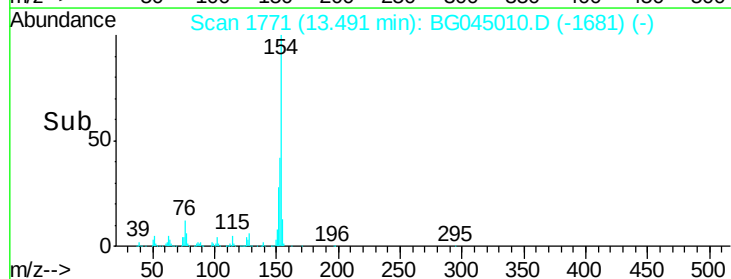
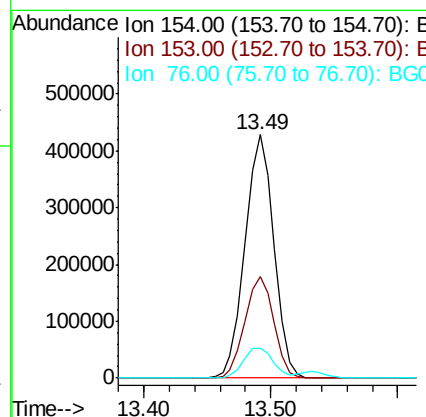
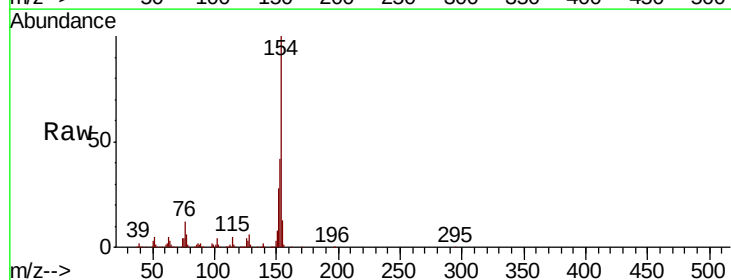
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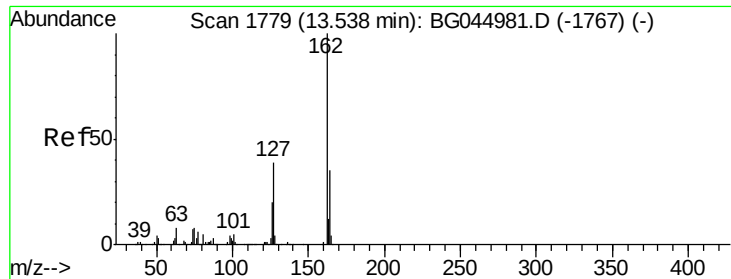
mohammad
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#46
1,1'-Biphenyl
Concen: 43.384 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.5	0.0	33.1





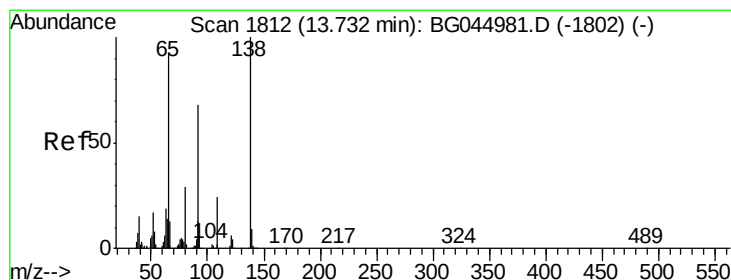
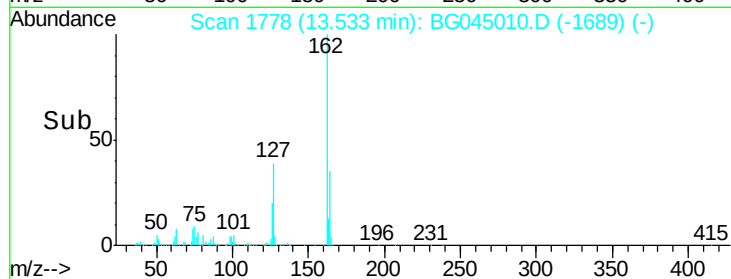
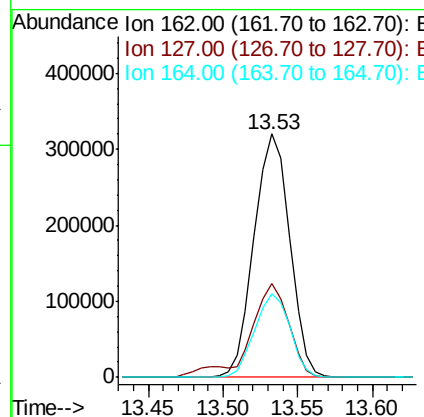
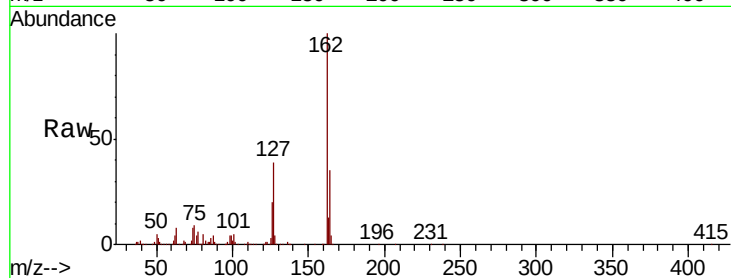
#47
 2-Chloronaphthalene
 Concen: 44.507 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.7	31.3	46.9	
164	34.6	27.8	41.8	

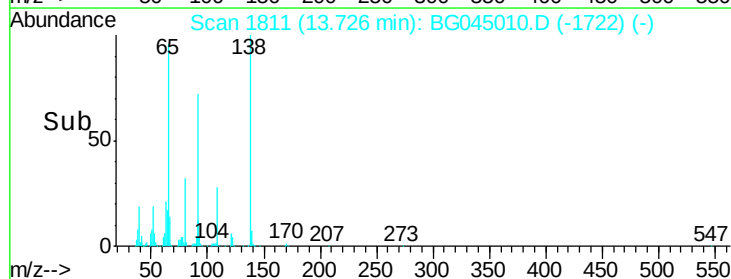
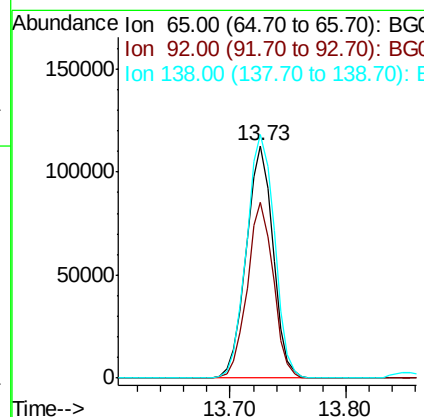
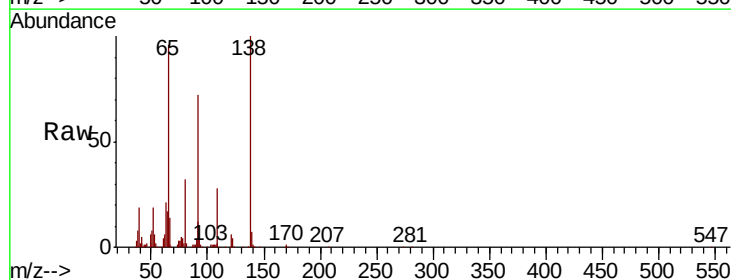
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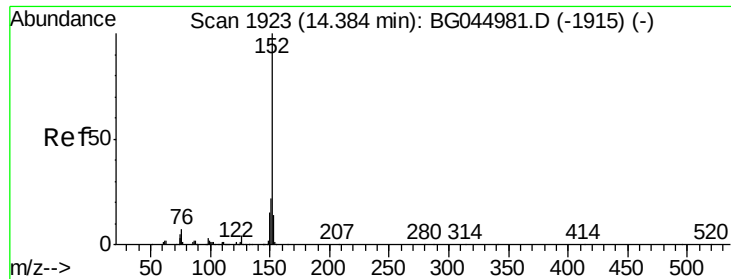
mohammad
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#48
 2-Nitroaniline
 Concen: 46.696 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.4	58.3	87.5	
138	104.6	85.6	128.4	





#49

Acenaphthylene

Concen: 46.124 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

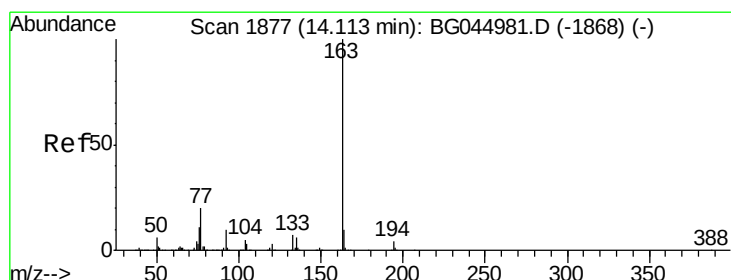
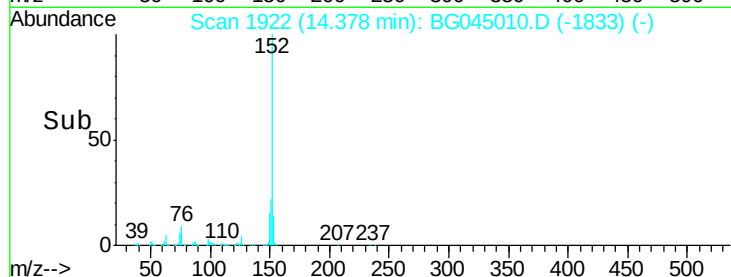
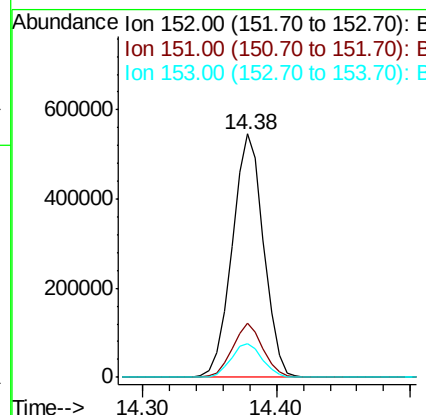
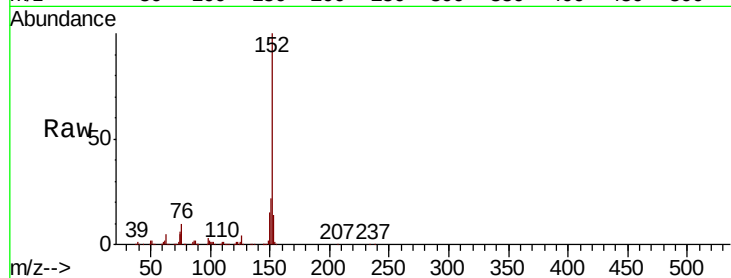
ClientSampleId :

PB128228BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		891495		
151	22.1	17.2	25.8		
153	14.0	11.0	16.4		

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.831 ng

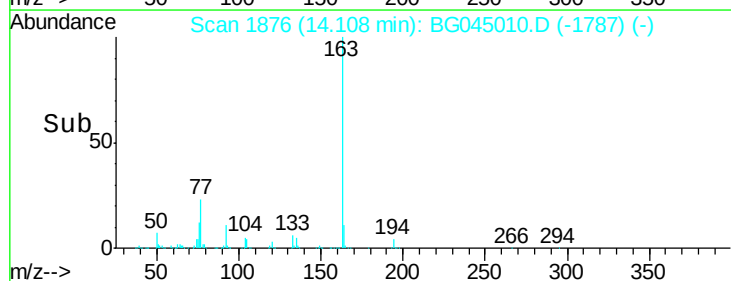
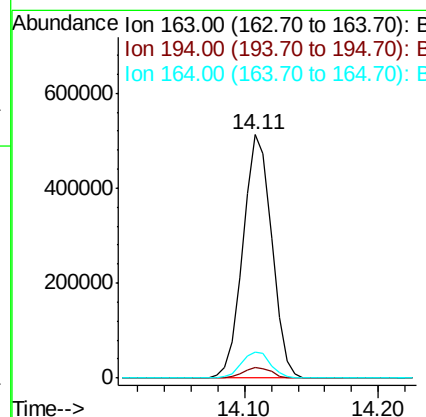
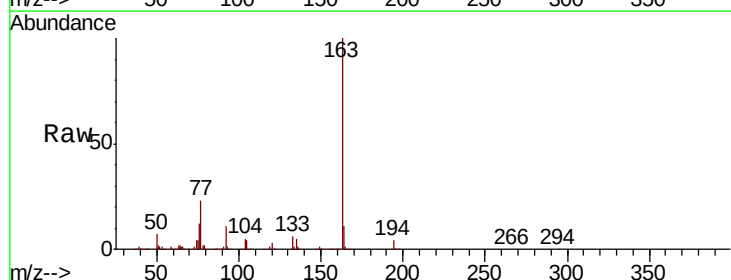
RT: 14.11 min Scan# 1876

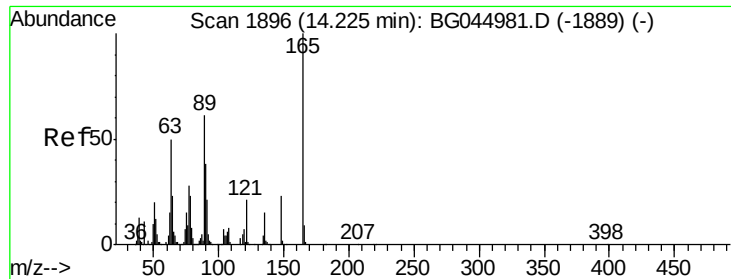
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		762453		
194	4.4	3.5	5.3		
164	10.8	8.2	12.4		





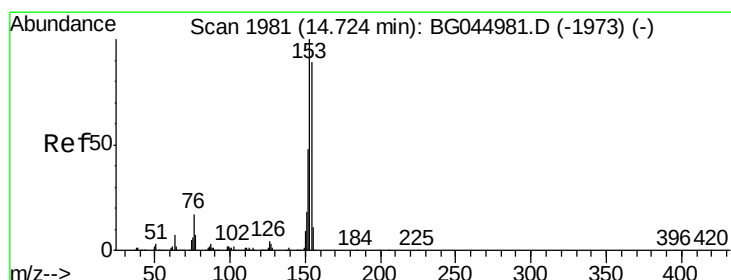
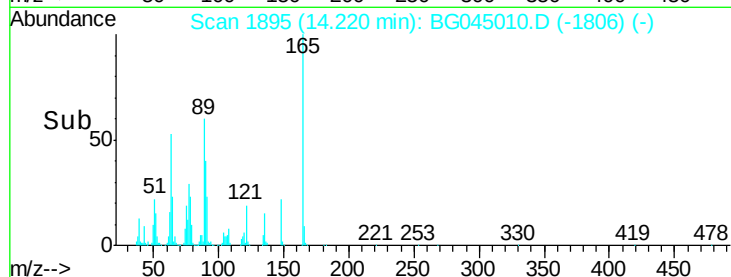
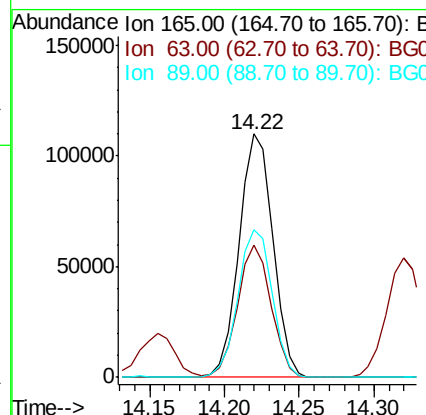
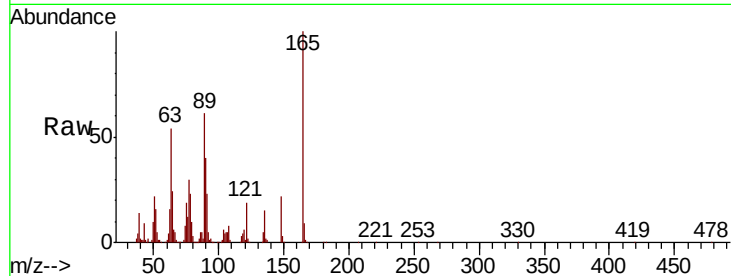
#51
 2,6-Dinitrotoluene
 Concen: 46.490 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	172993		
63	54.1		40.4	60.6
89	60.5		49.1	73.7

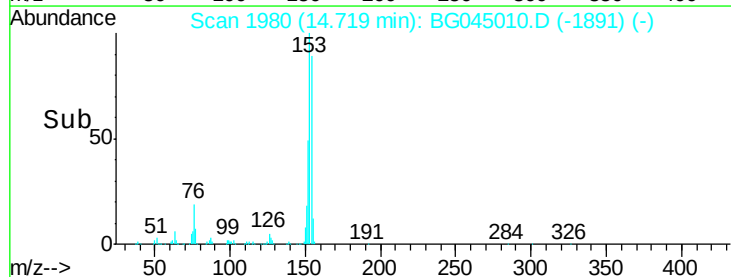
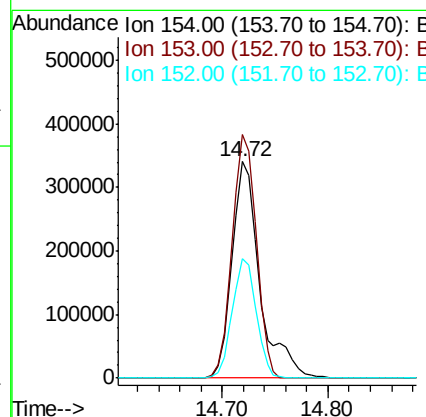
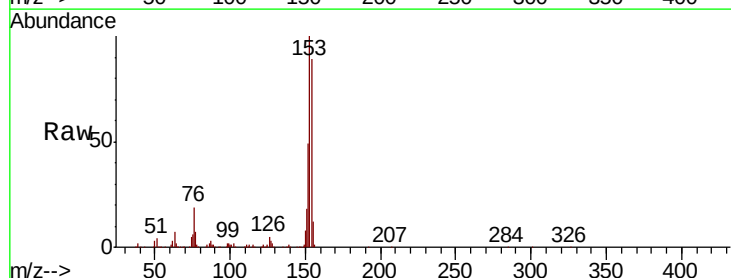
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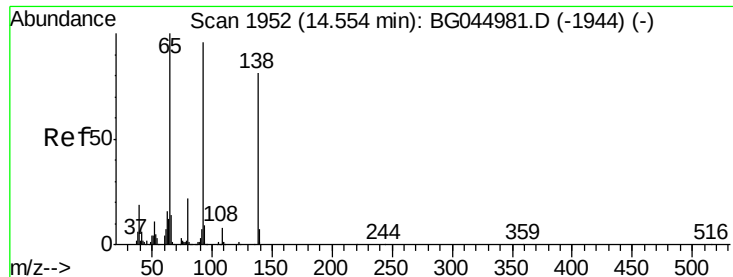
mohammad
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#52
 Acenaphthene
 Concen: 47.459 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	620643		
153	112.6		89.7	134.5
152	55.2		43.1	64.7





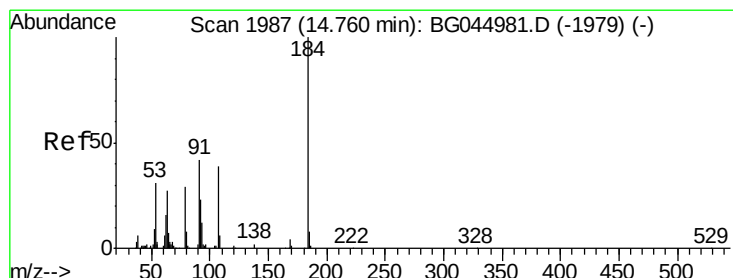
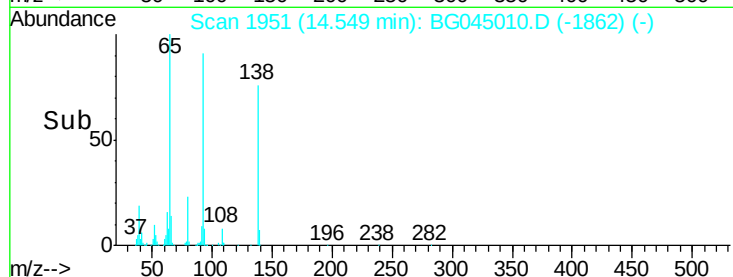
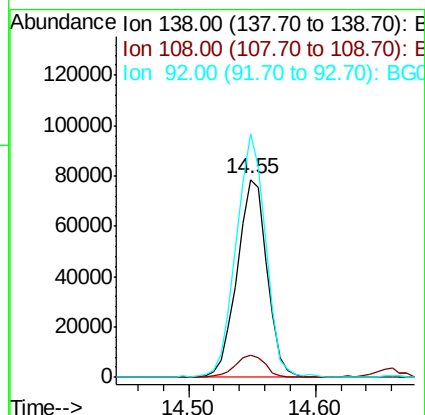
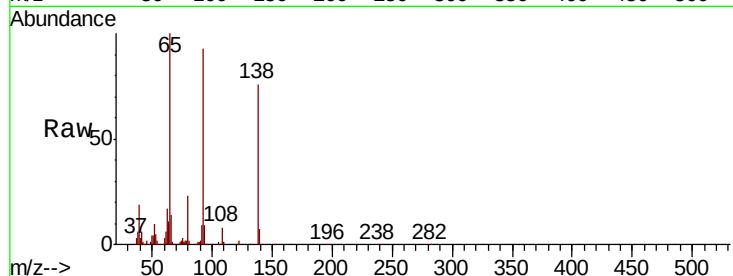
#53
 3-Nitroaniline
 Concen: 31.375 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.8	11.8
92	122.9	94.5	141.7

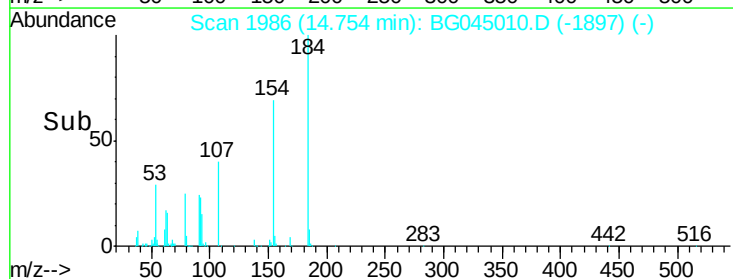
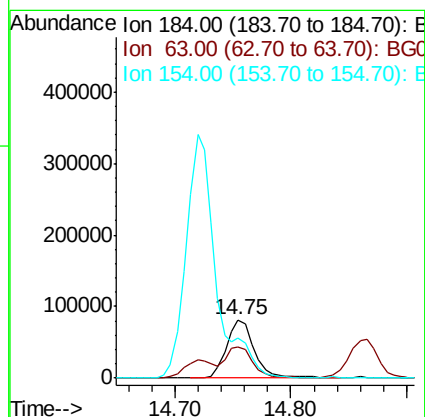
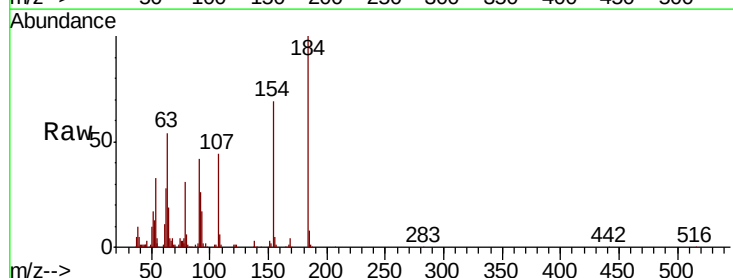
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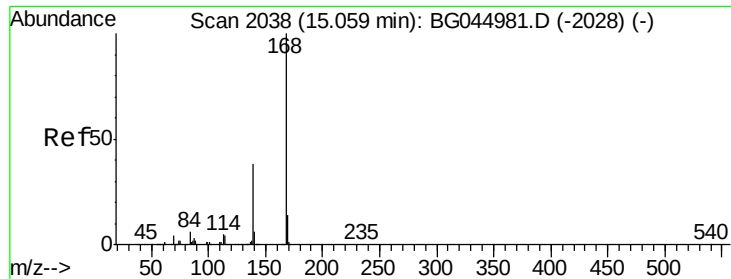
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#54
 2,4-Dinitrophenol
 Concen: 61.522 ng
 RT: 14.75 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	41.5	62.3
154	68.7	52.3	78.5





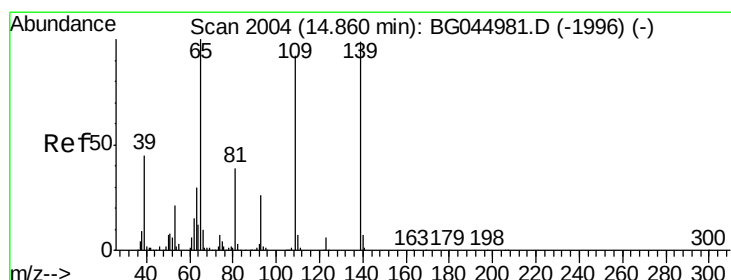
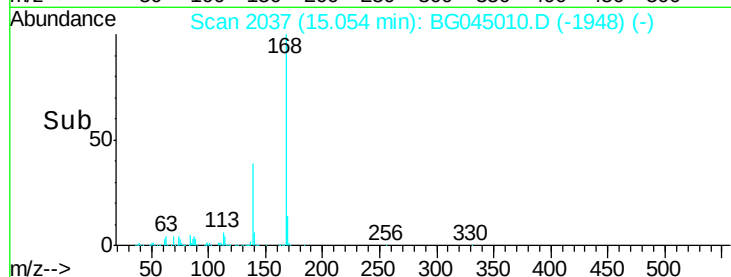
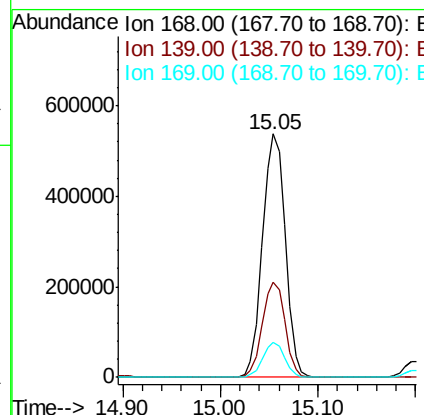
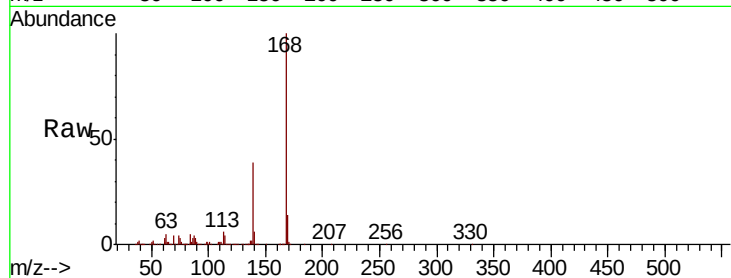
#55
Dibenzenofuran
Concen: 46.304 ng
RT: 15.05 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.4	45.6
169	14.5	11.0	16.4

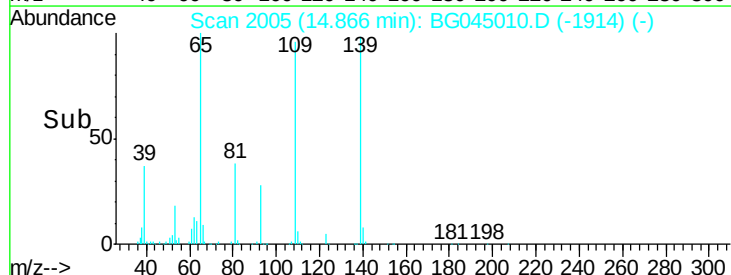
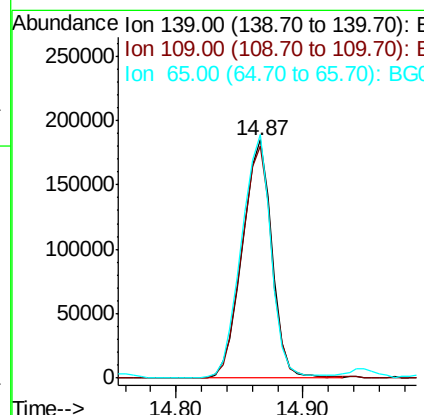
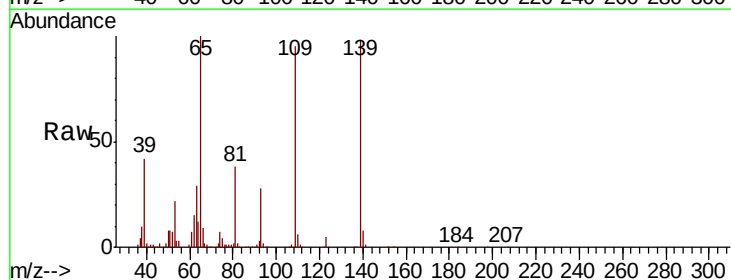
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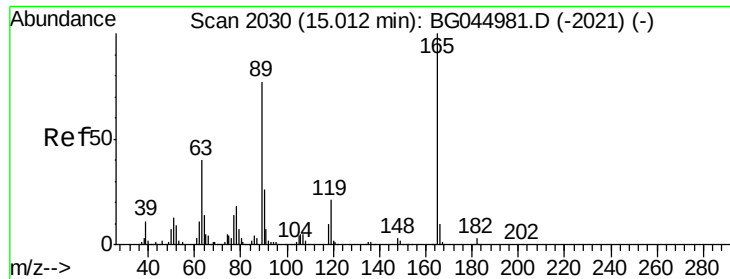
mohammad
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#56
4-Nitrophenol
Concen: 94.736 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	73.6	113.6
65	102.4	81.2	121.2





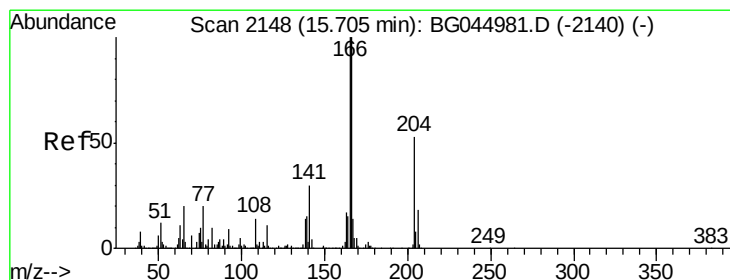
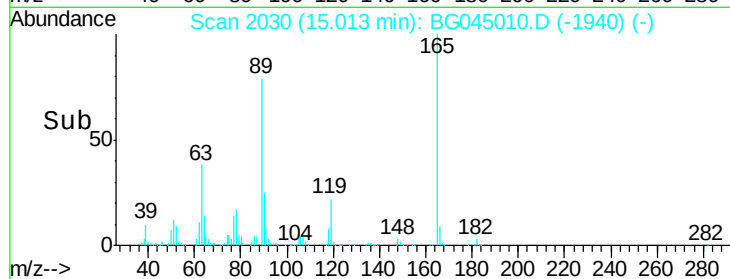
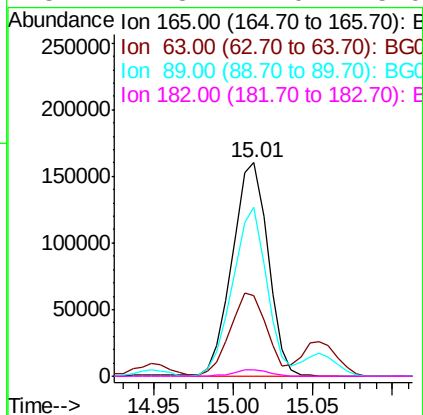
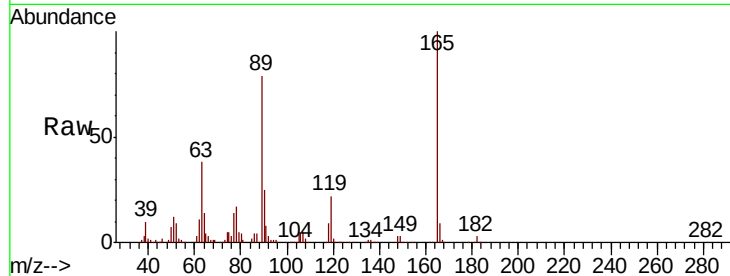
#57
 2,4-Dinitrotoluene
 Concen: 46.385 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		252239		
63	37.7	32.2	48.2		
89	79.0	61.7	92.5		
182	2.8	2.0	3.0		

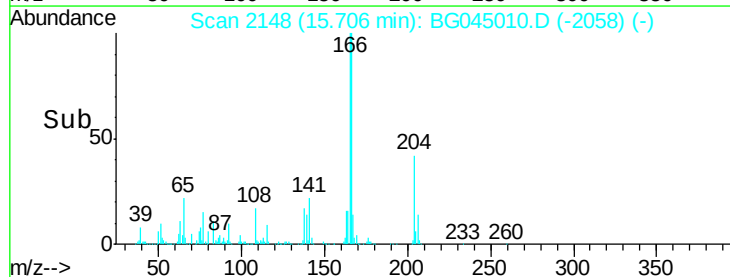
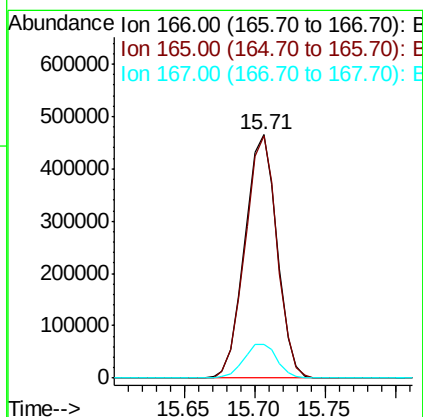
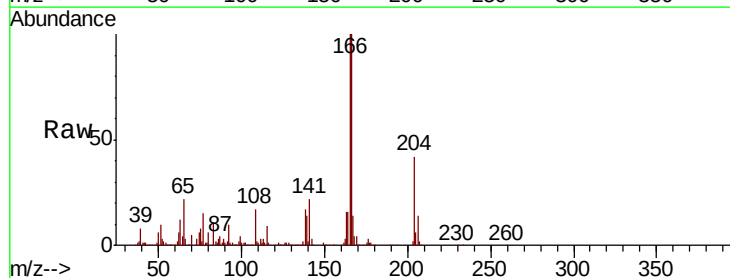
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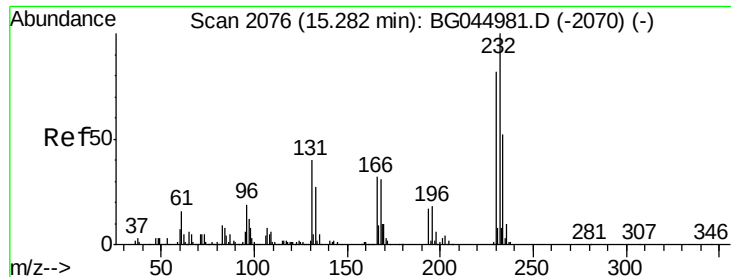
mohammad
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#58
 Fluorene
 Concen: 47.786 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		744179		
165	99.6	79.9	119.9		
167	14.0	11.4	17.0		





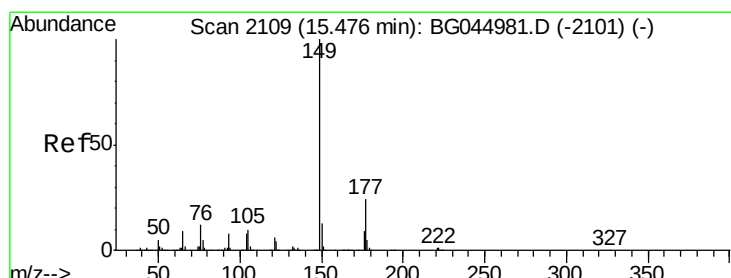
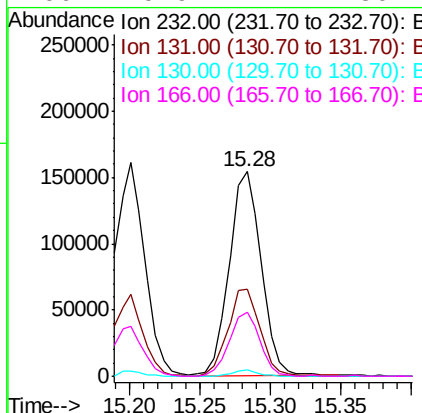
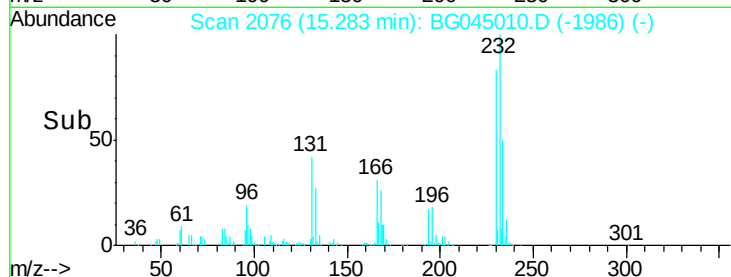
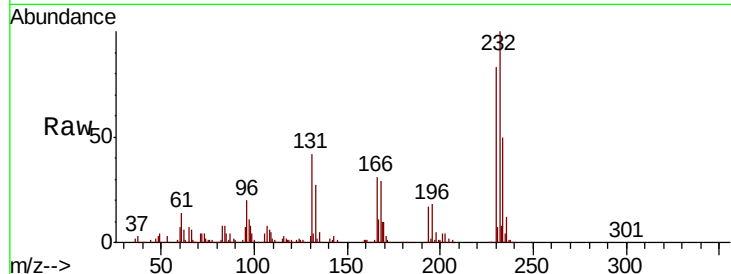
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.513 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		242230		
131	42.5	32.2	48.2		
130	2.5	2.2	3.2		
166	29.9	24.2	36.4		

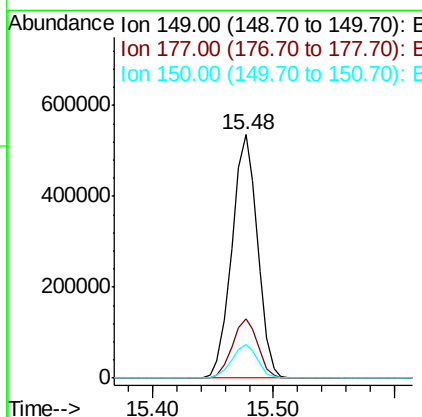
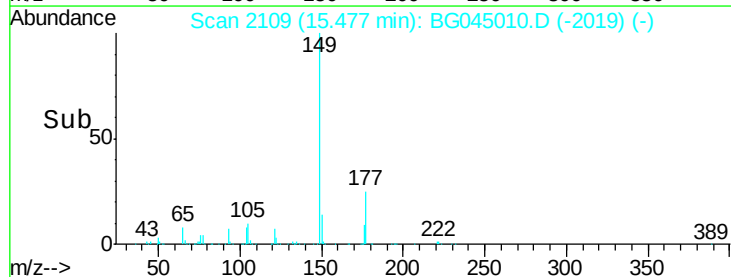
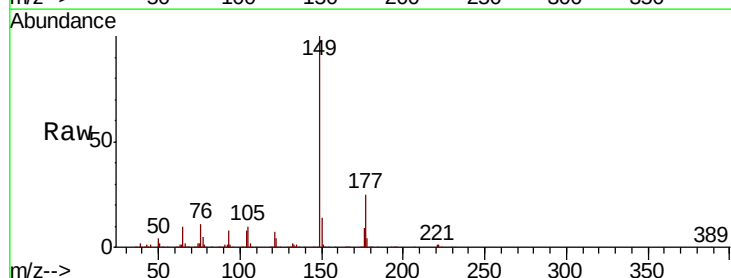
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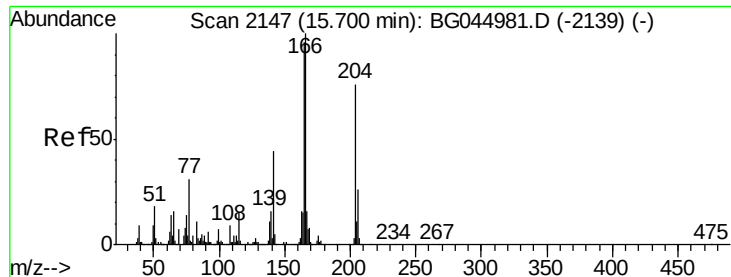
mohammad
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#60
 Diethylphthalate
 Concen: 45.606 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		791043		
177	24.6	18.9	28.3		
150	14.0	10.6	15.8		





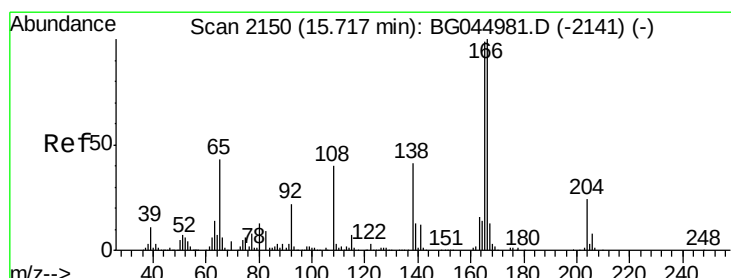
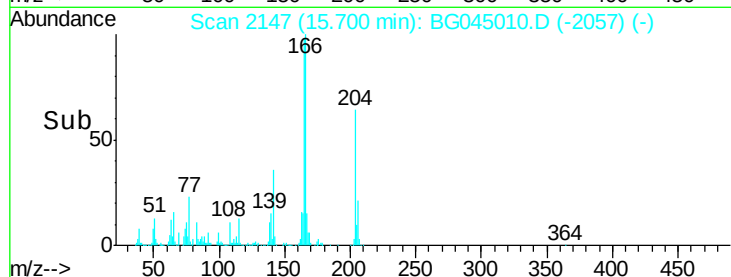
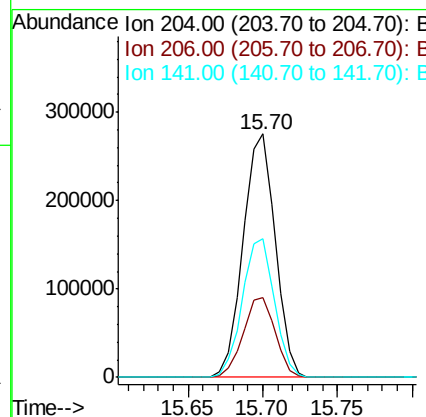
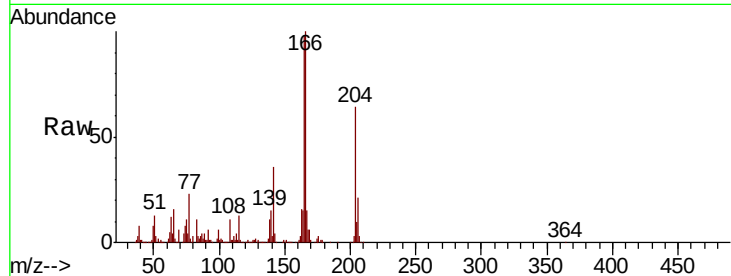
#61
 4-Chlorophenyl-phenylether
 Concen: 45.698 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	409630		
206	33.0	26.9	40.3	
141	56.8	46.3	69.5	

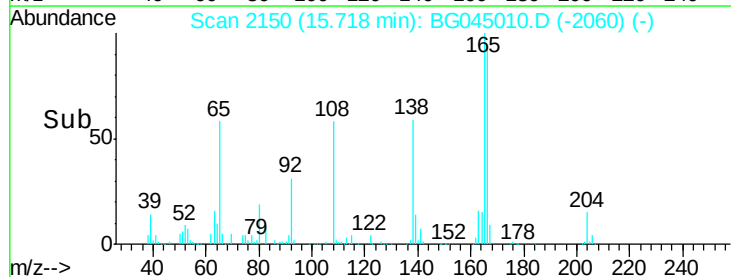
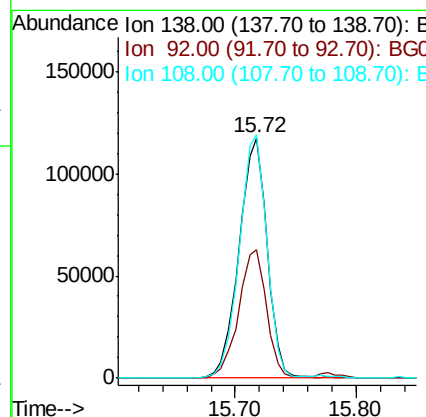
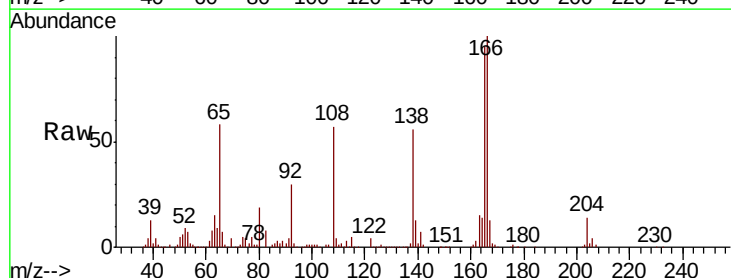
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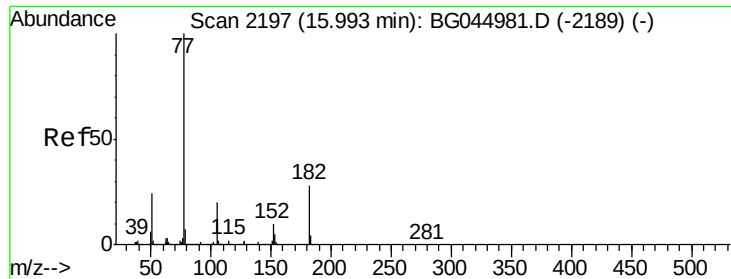
mohammad
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#62
 4-Nitroaniline
 Concen: 45.132 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	191043		
92	53.6	33.6	73.6	
108	101.4	78.2	118.2	





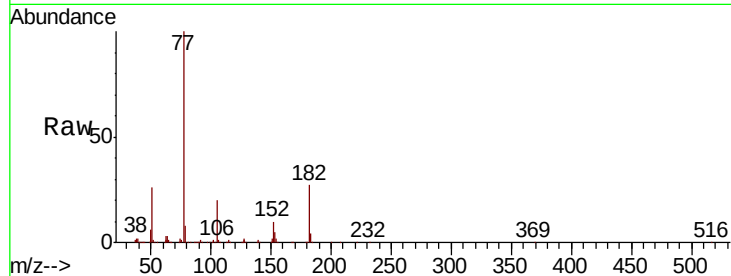
#63
Azobenzene
Concen: 47.791 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

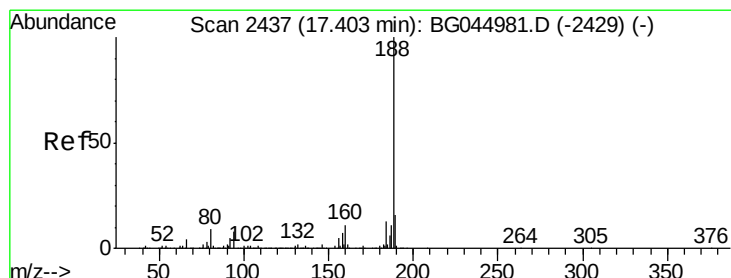
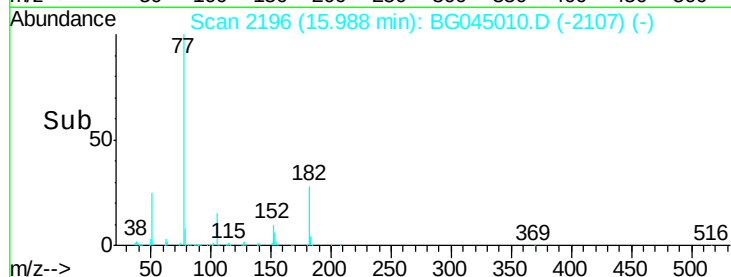
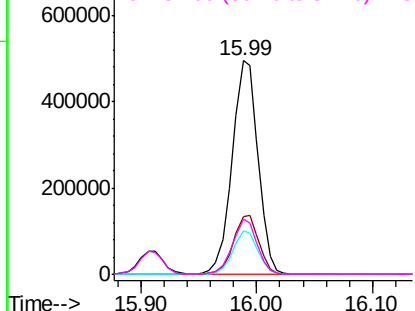
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	8.4	48.4
105	20.1	0.5	40.5
51	25.5	4.4	44.4

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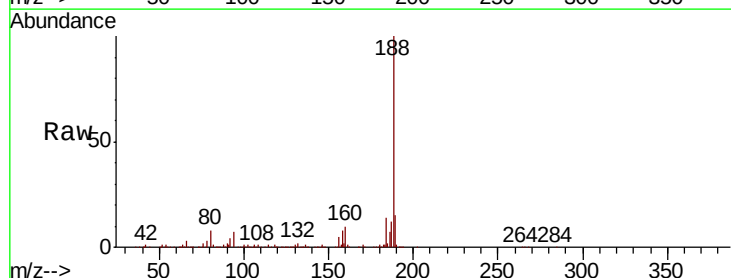


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

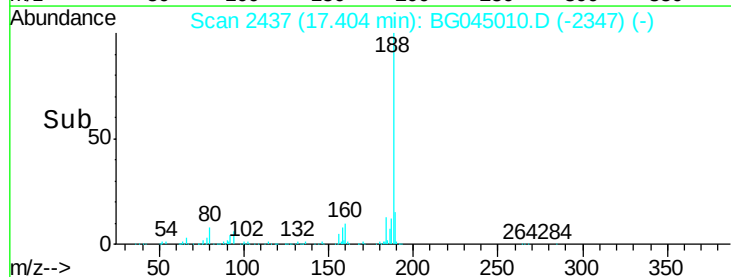
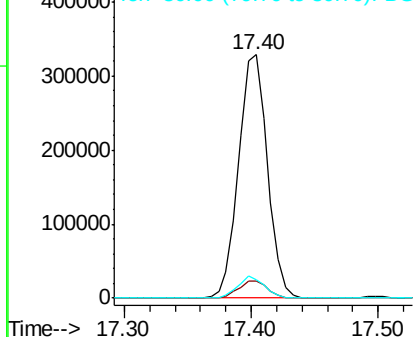


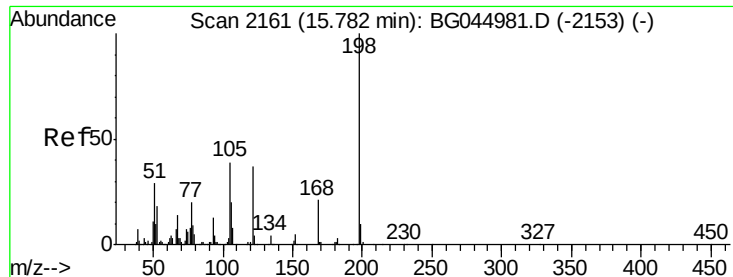
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.7	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





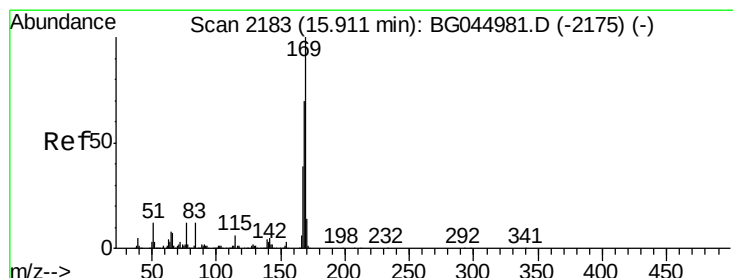
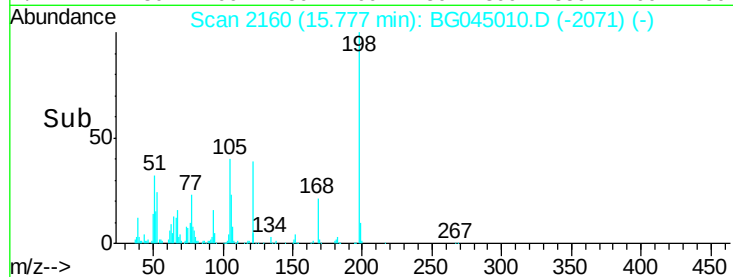
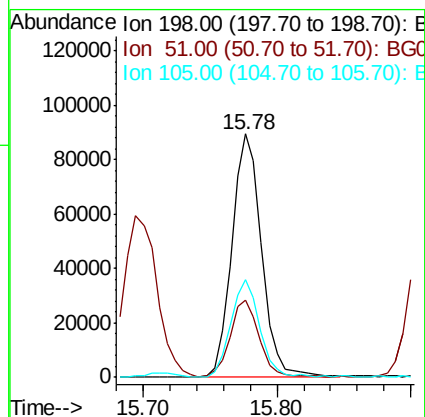
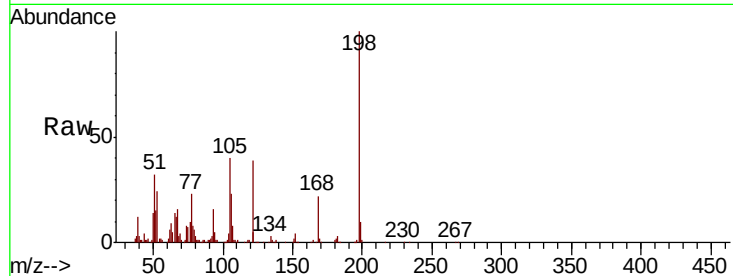
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.935 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138907		
51	31.7	10.0	50.0	
105	40.3	18.9	58.9	

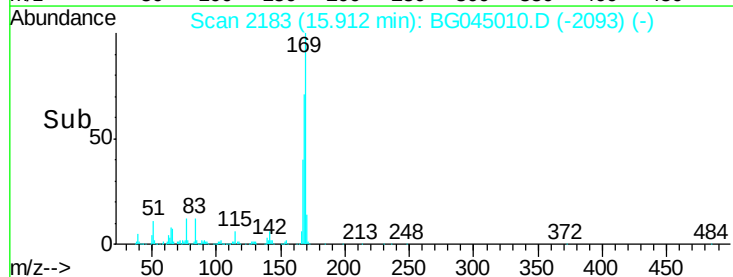
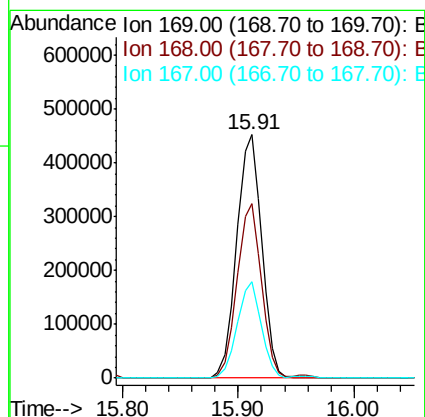
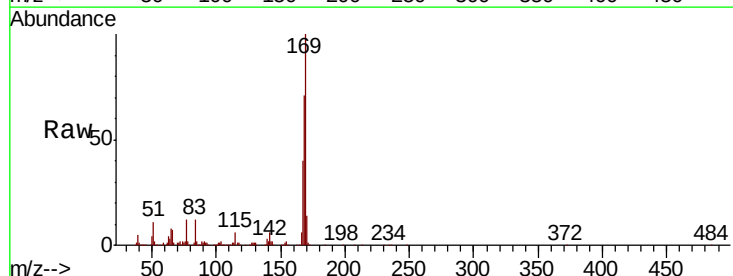
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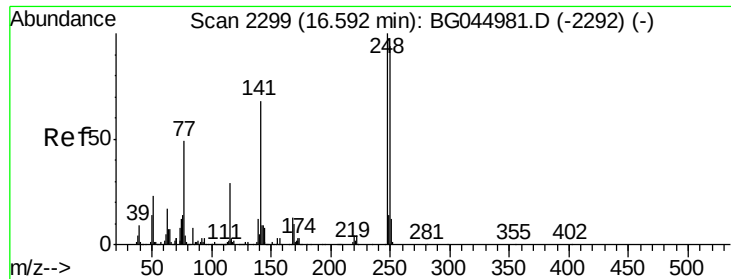
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#66
 n-Nitrosodiphenylamine
 Concen: 45.640 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	676968		
168	71.5	55.8	83.8	
167	39.6	30.8	46.2	





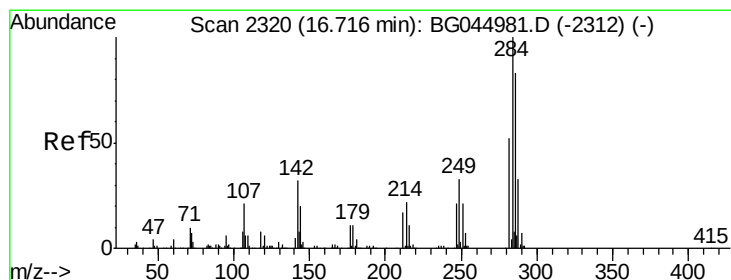
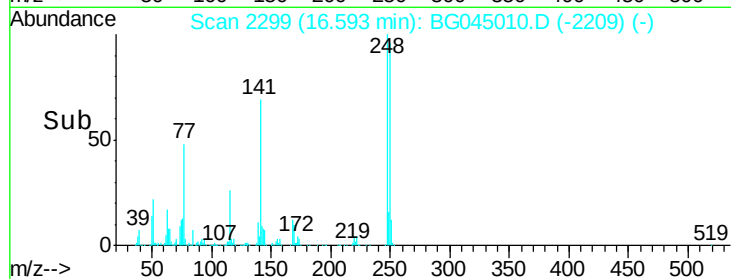
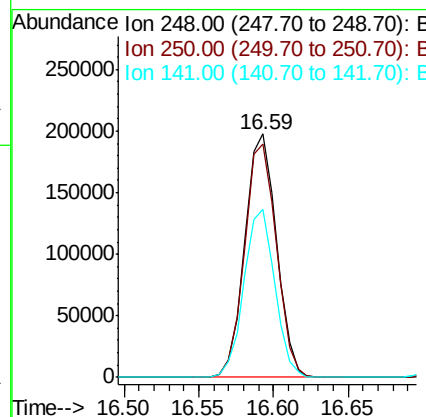
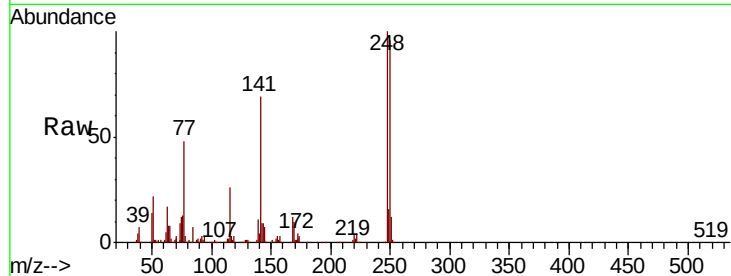
#67
4-Bromophenyl-phenylether
Concen: 43.460 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampled :
PB128228BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	75.4	113.2
141	69.2	54.4	81.6

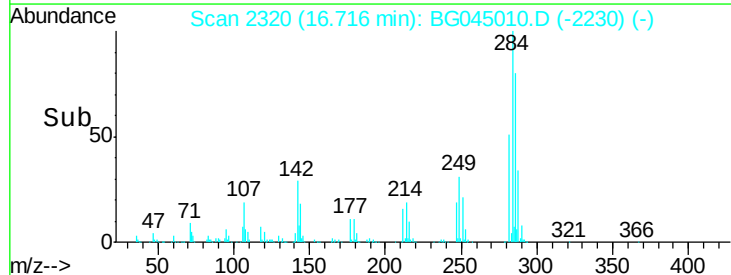
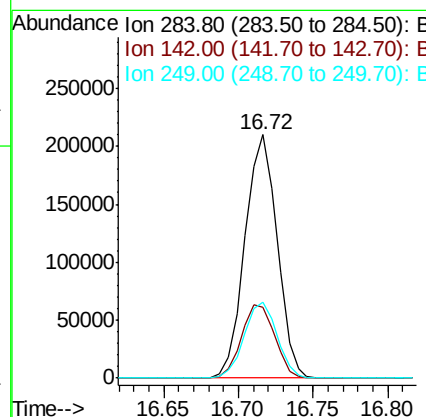
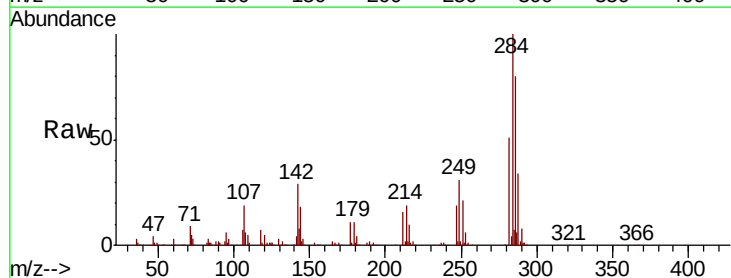
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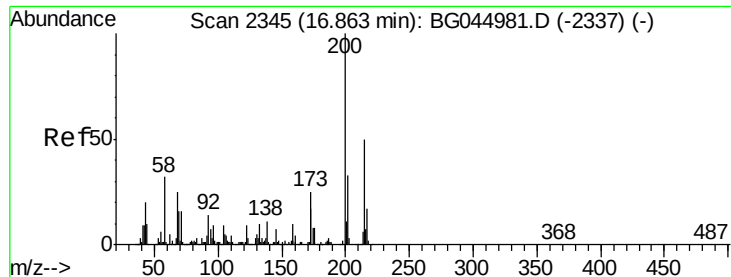
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#68
Hexachlorobenzene
Concen: 45.395 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.8	38.6
249	31.4	26.6	39.8





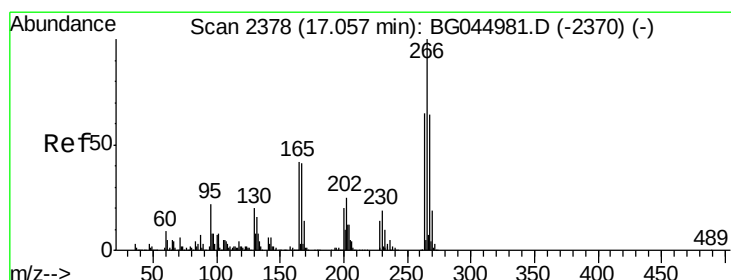
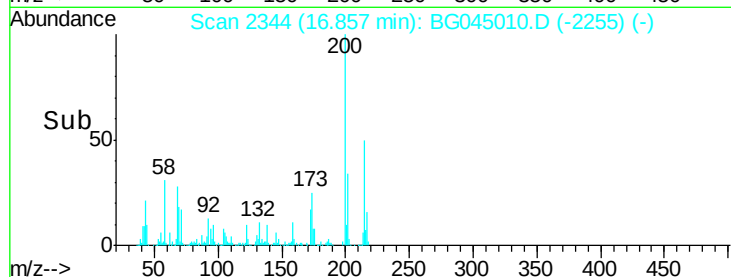
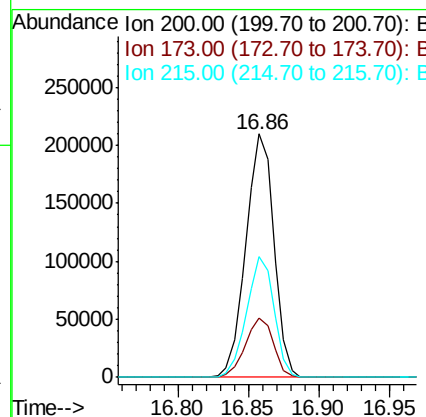
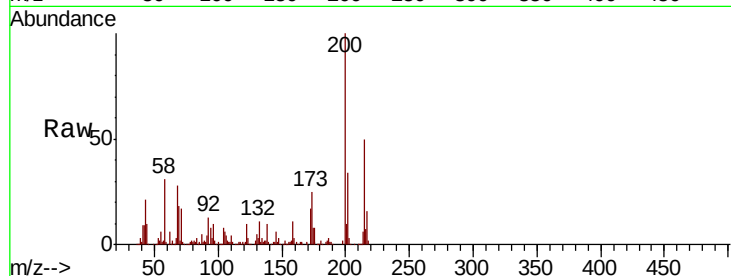
#69
Atrazine
Concen: 55.014 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.5	44.5
215	49.8	30.0	70.0

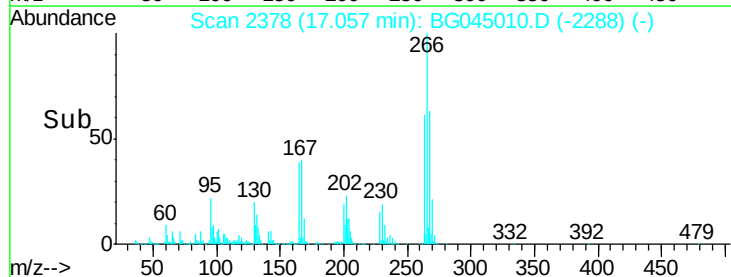
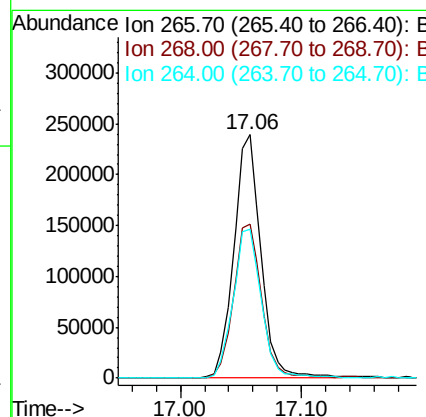
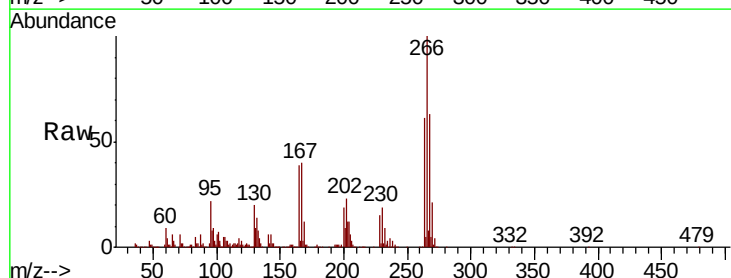
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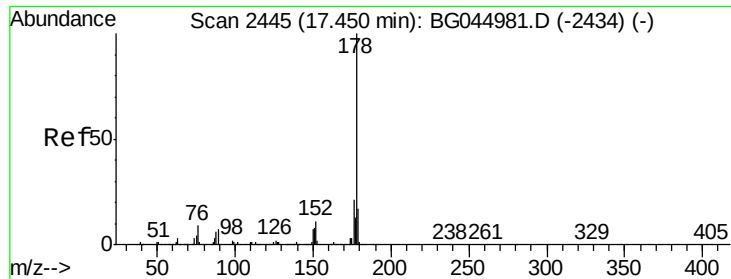
mohammad
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#70
Pentachlorophenol
Concen: 88.025 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.5	77.3
264	61.2	52.2	78.4





#71

Phenanthrene

Concen: 46.649 ng

RT: 17.44 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

Tot Ion:178 Resp: 1237522

Ion Ratio Lower Upper

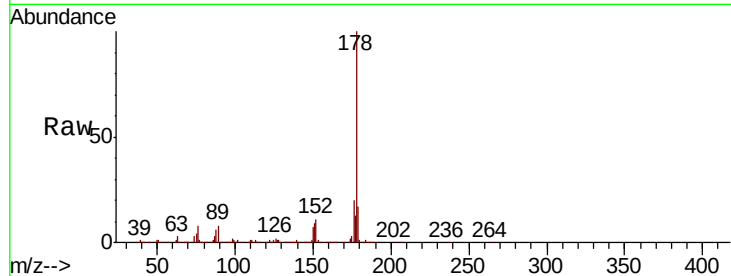
178 100

176 20.3 16.8 25.2

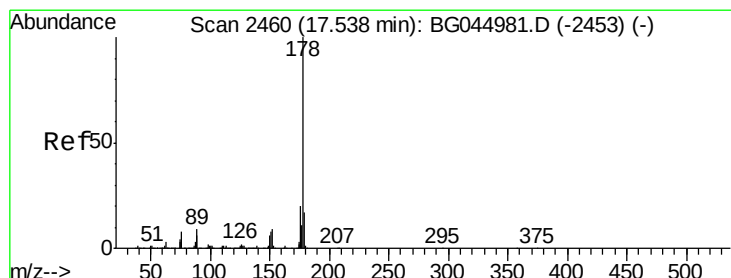
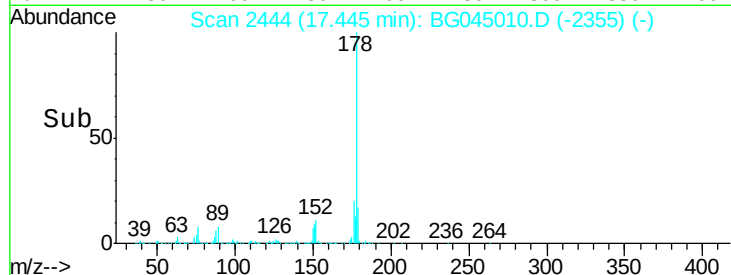
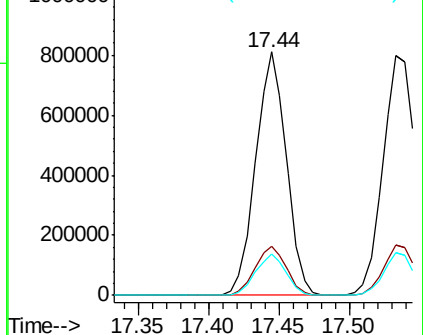
179 17.2 13.2 19.8

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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: 47.501 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:178 Resp: 1264046

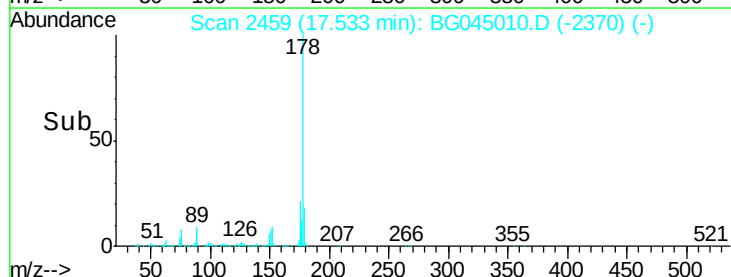
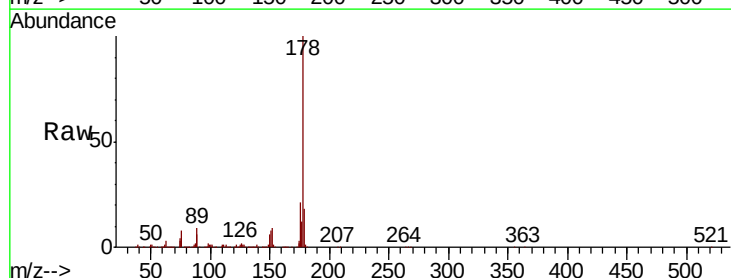
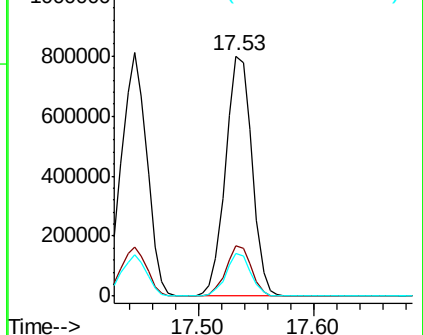
Ion Ratio Lower Upper

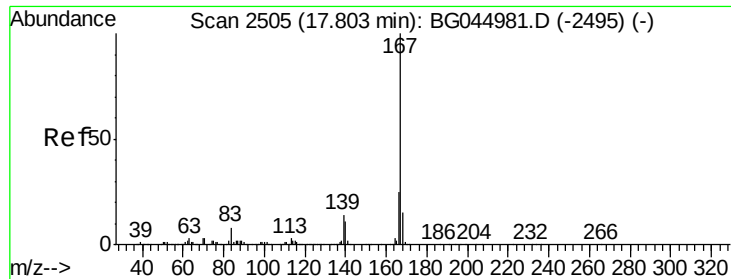
178 100

176 21.1 16.0 24.0

179 17.6 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





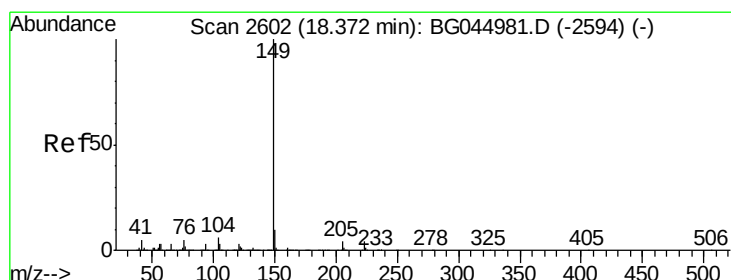
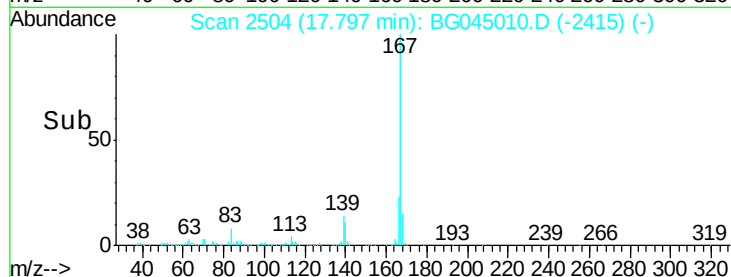
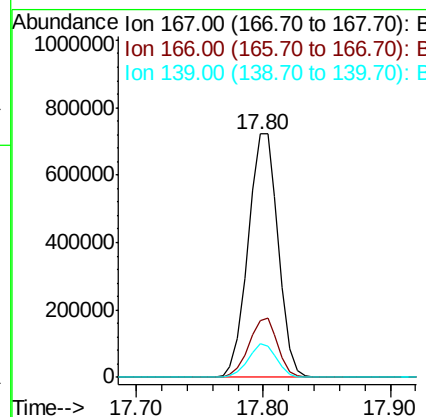
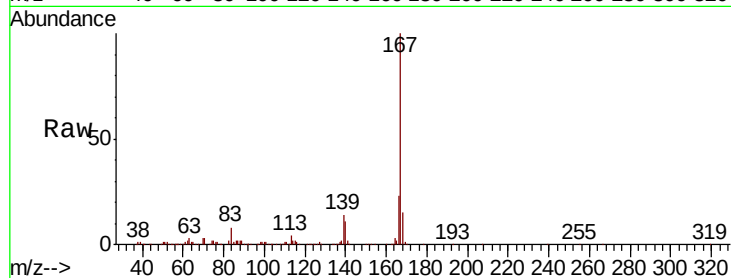
#73
 Carbazole
 Concen: 43.899 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	13.8	10.9	16.3

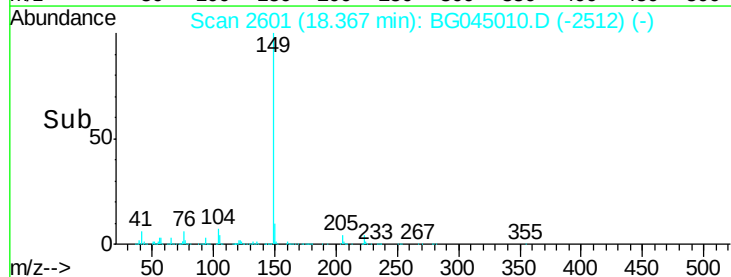
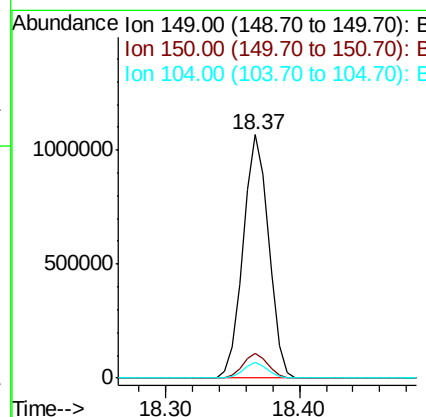
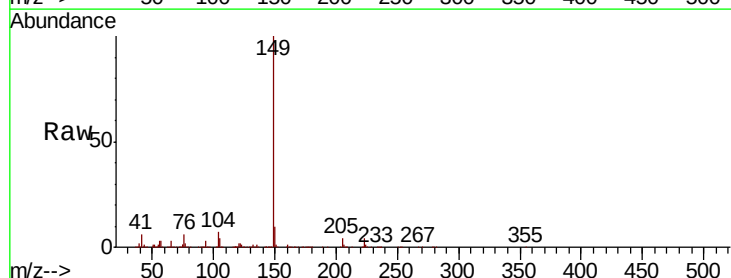
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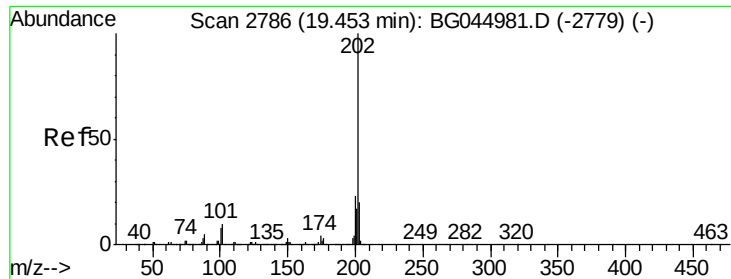
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#74
 Di-n-butylphthalate
 Concen: 48.483 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 50.340 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

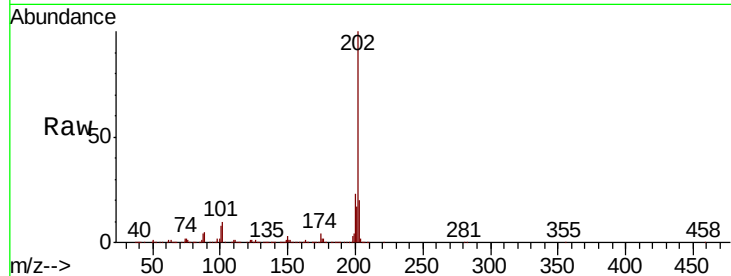
ClientSampleId :

PB128228BS

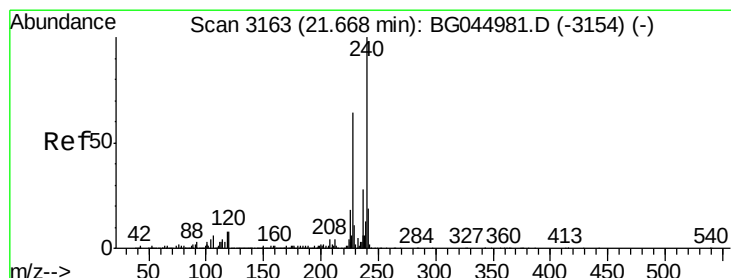
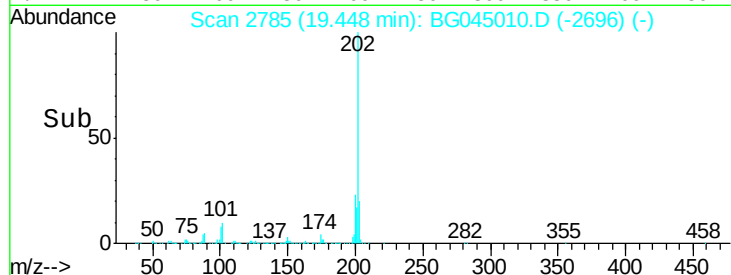
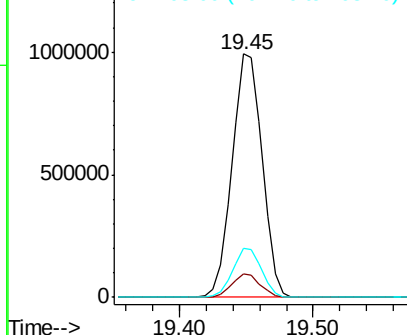
Tot Ion:	202	Resp:	1546840
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.6
203	20.1	0.0	39.7

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



#76

Chrysene-d12

Concen: 20.000 ng

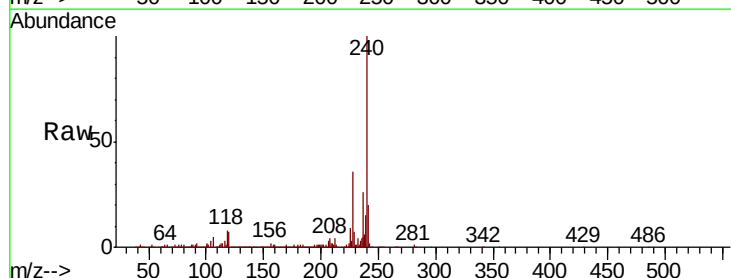
RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

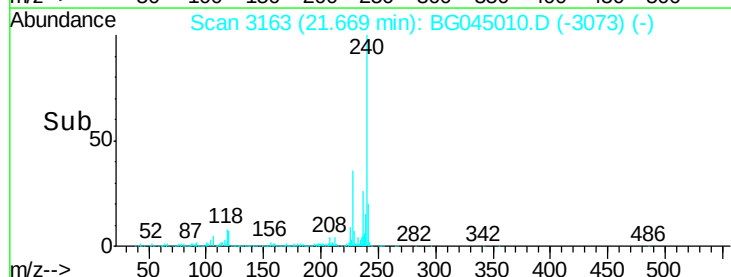
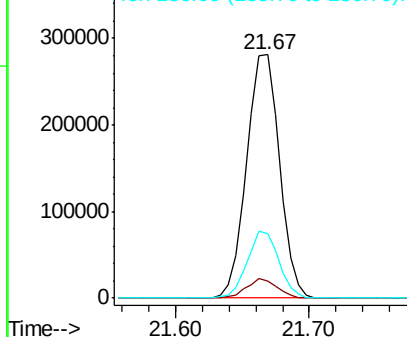
Lab File: BG045010.D

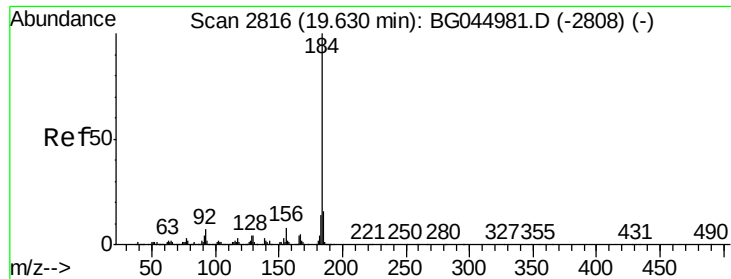
Acq: 16 Apr 2020 17:31

Tgt Ion:	240	Resp:	477967
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.6	10.0
236	26.3	22.2	33.2



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





#77

Benzidine

Concen: 60.627 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

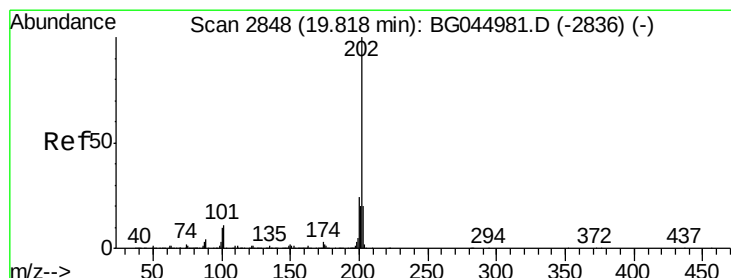
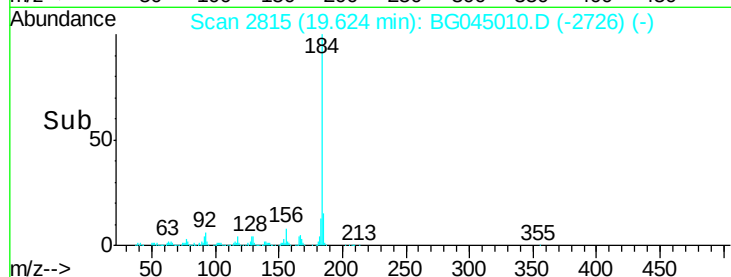
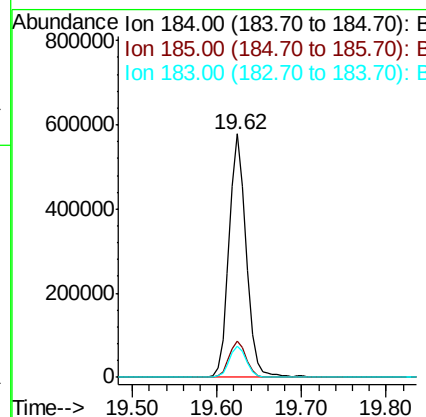
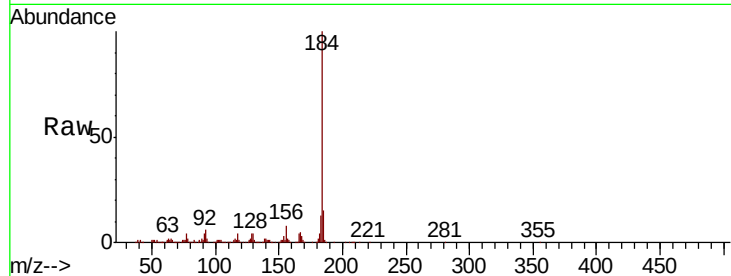
ClientSampleId :

PB128228BS

Tot Ion:	184	Resp:	810682
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	19.0
183	12.7	11.3	16.9

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#78

Pyrene

Concen: 46.002 ng

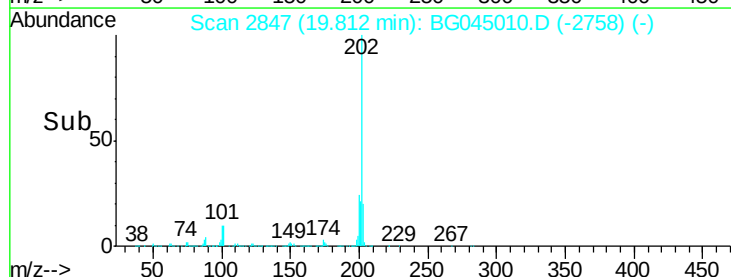
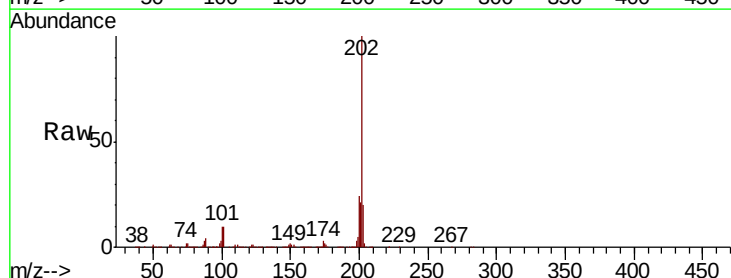
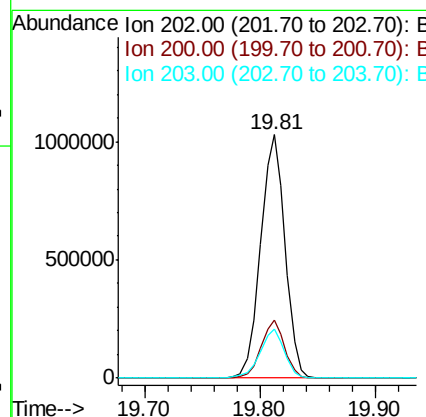
RT: 19.81 min Scan# 2847

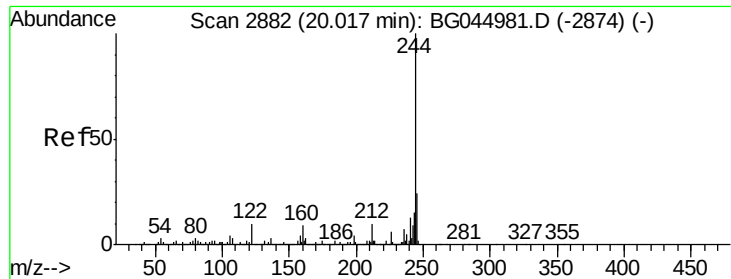
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	202	Resp:	1515827
Ion Ratio	Lower	Upper	
202	100		
200	24.0	19.0	28.6
203	20.2	16.1	24.1





#79

Terphenyl-d14

Concen: 100.020 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

Tot Ion:244 Resp: 2193382

Ion Ratio Lower Upper

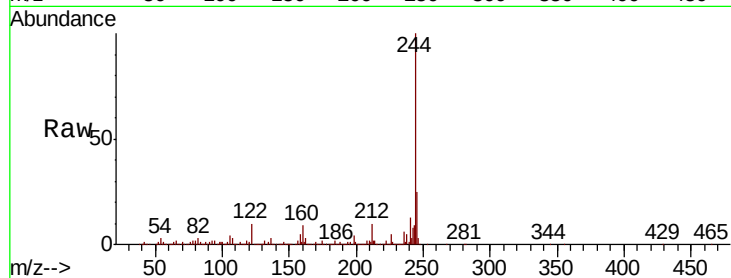
244 100

212 10.0 7.9 11.9

122 9.8 7.7 11.5

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2000000

1500000

1000000

500000

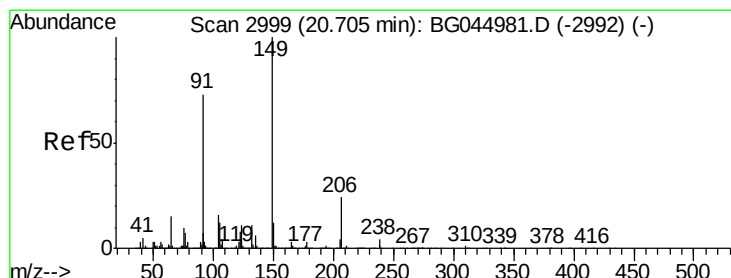
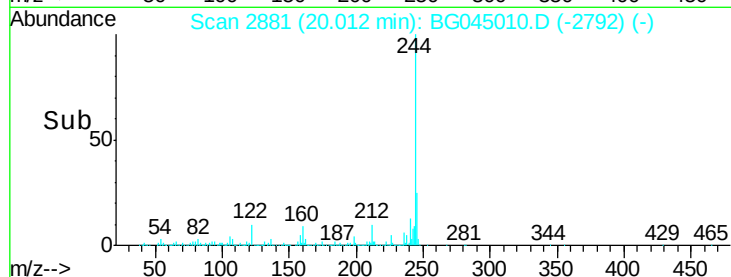
0

20.01

20.00

20.10

Time-->



#80

Butylbenzylphthalate

Concen: 46.411 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

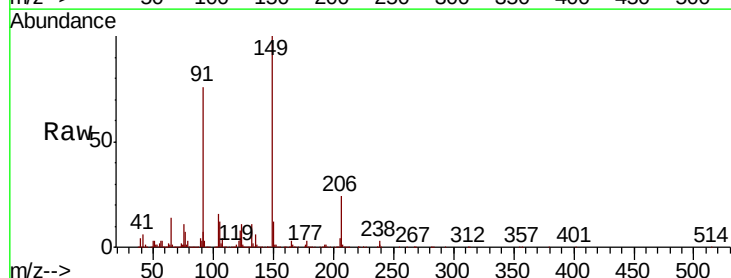
Tgt Ion:149 Resp: 633912

Ion Ratio Lower Upper

149 100

91 75.7 58.5 87.7

206 24.0 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

600000

400000

200000

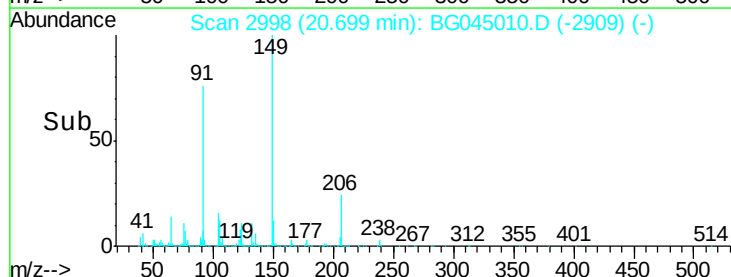
0

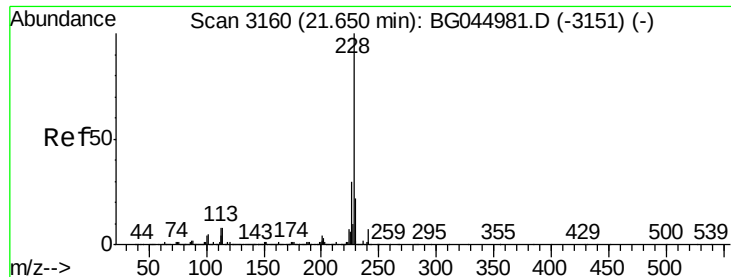
20.70

20.65

20.75

Time-->





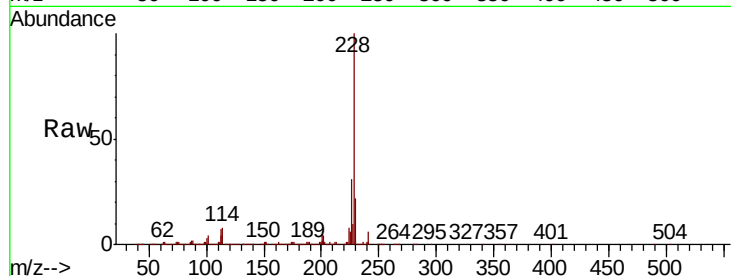
#81
Benzo(a)anthracene
Concen: 47.646 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	22.0	17.5	26.3

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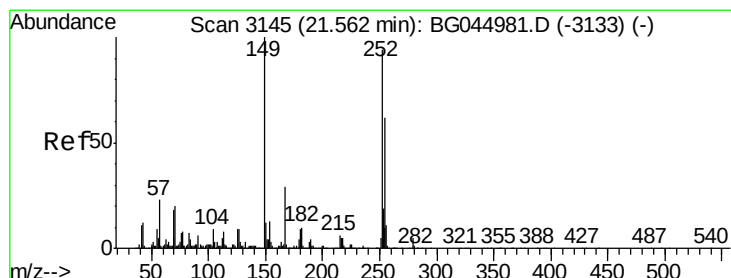
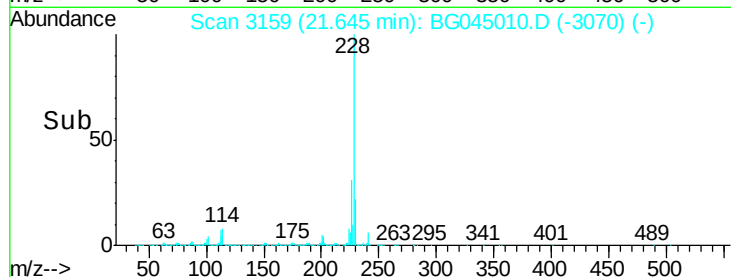
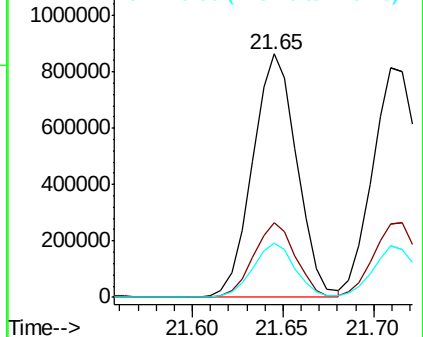


Abundance

Ion 228.00 (227.70 to 228.70): E

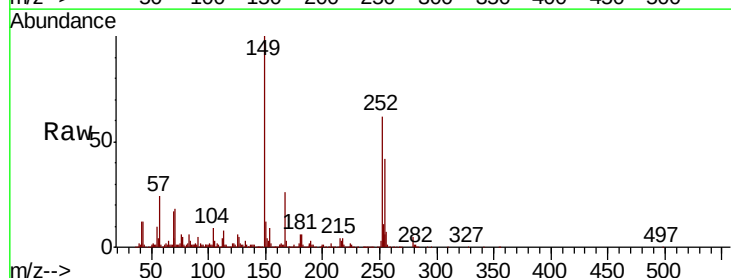
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.142 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	79.0
126	8.9	7.5	11.3

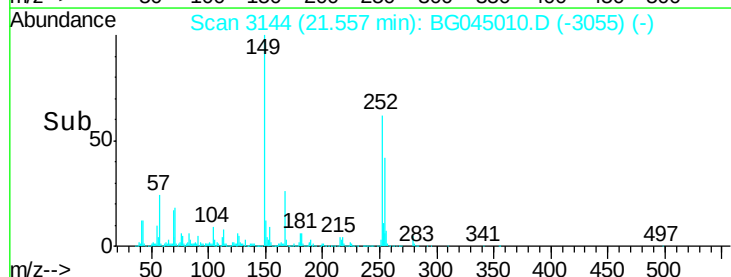
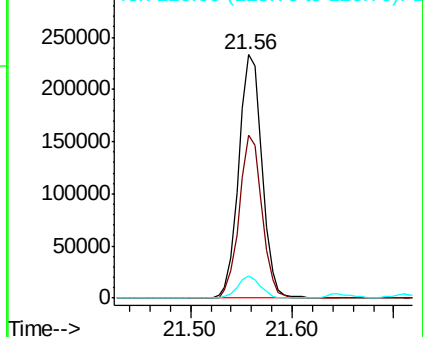


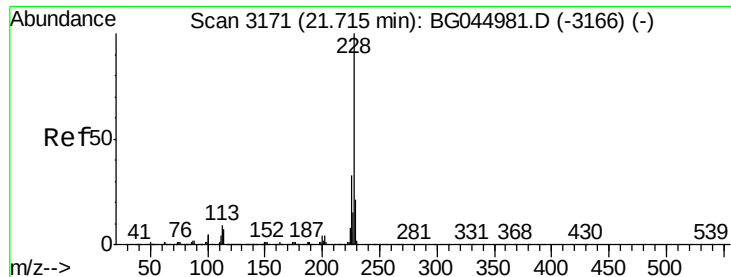
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





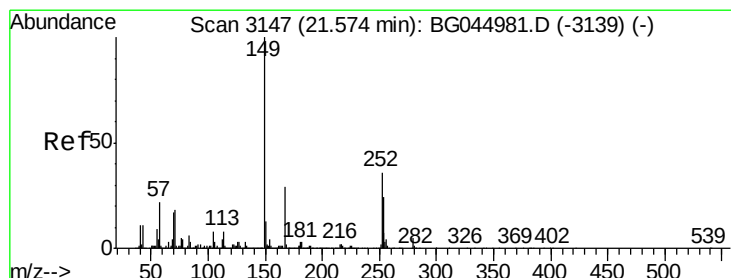
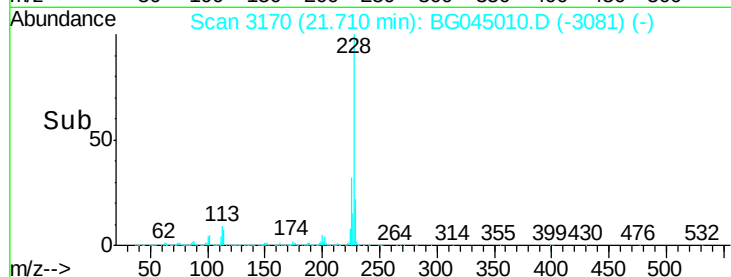
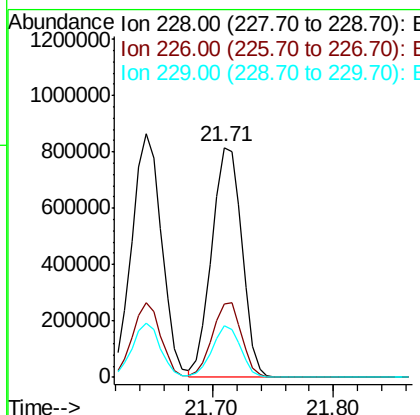
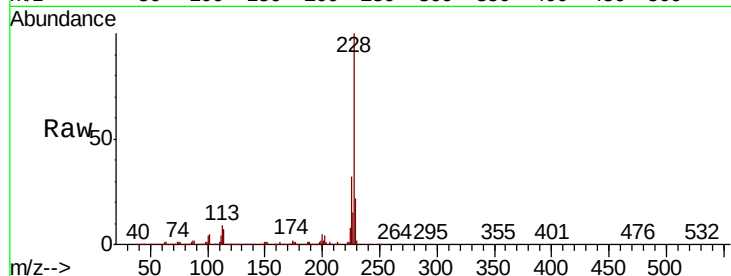
#83
 Chrysene
 Concen: 47.292 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.2	39.4
229	22.3	17.0	25.6

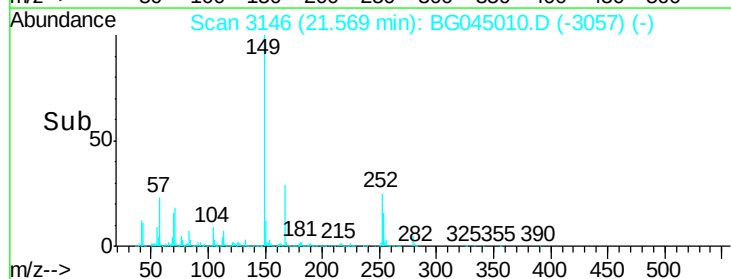
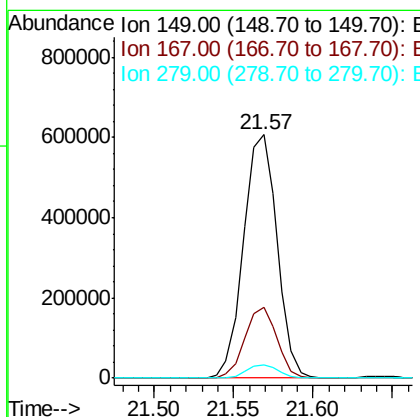
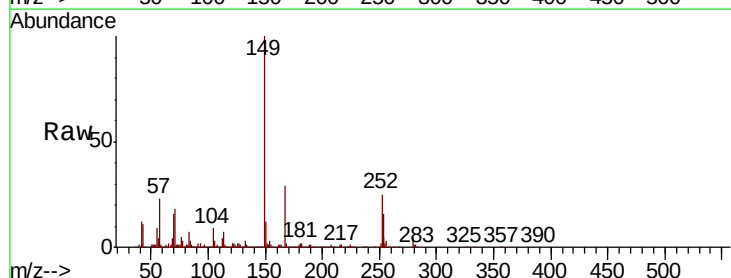
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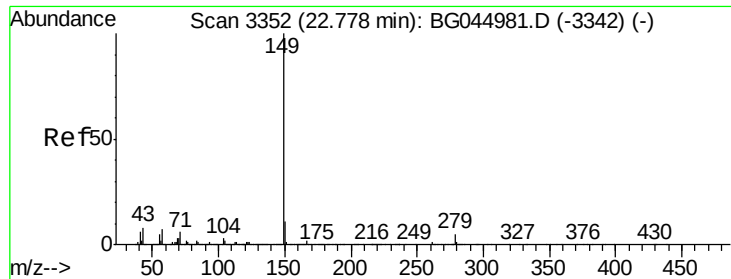
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.416 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 47.478 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

Tot Ion:149 Resp: 1542298

Ion Ratio Lower Upper

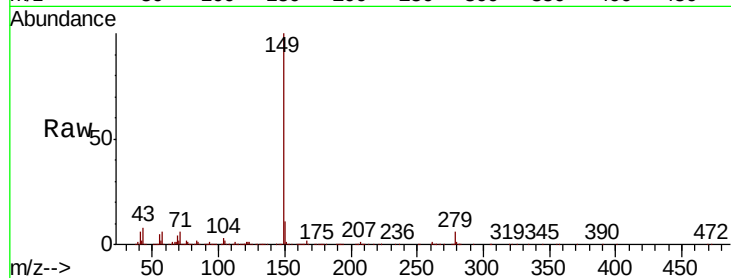
149 100

167 1.7 1.4 2.2

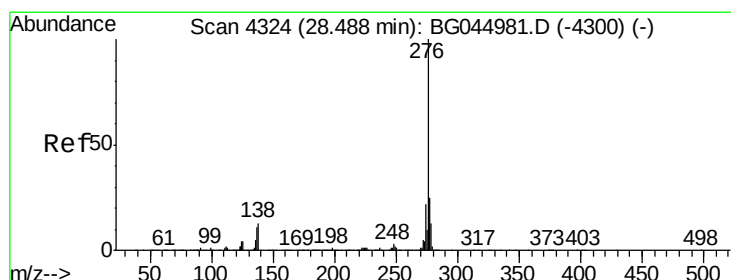
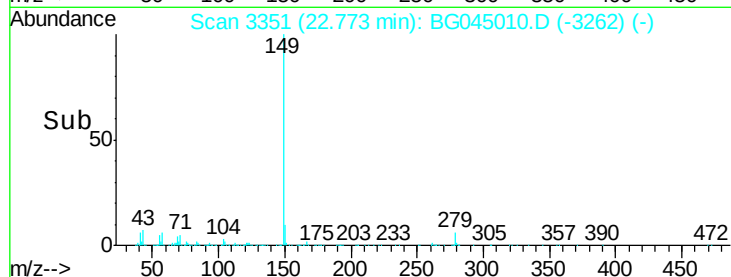
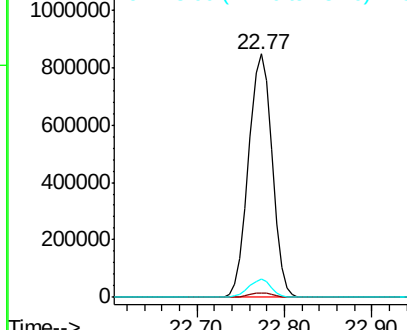
43 7.3 5.7 8.5

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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: 49.124 ng

RT: 28.47 min Scan# 4321

Delta R.T. -0.02 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

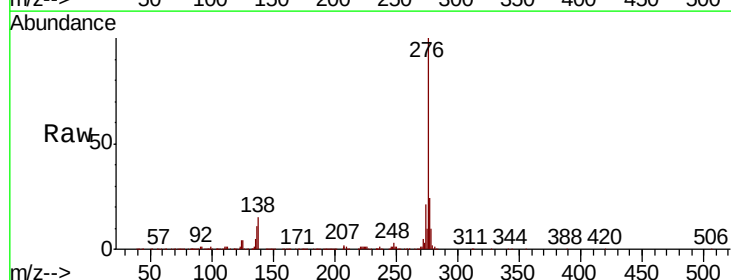
Tgt Ion:276 Resp: 1941313

Ion Ratio Lower Upper

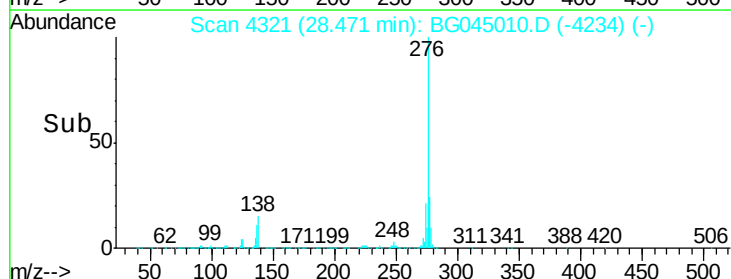
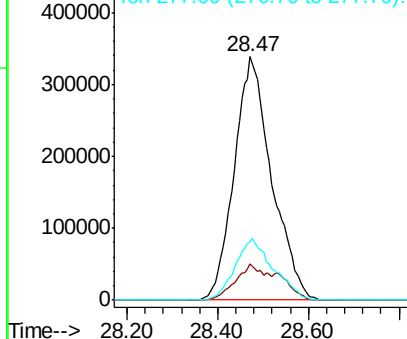
276 100

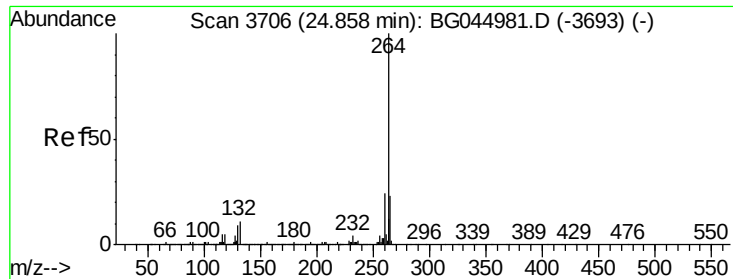
138 12.0 9.6 14.4

277 25.7 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: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

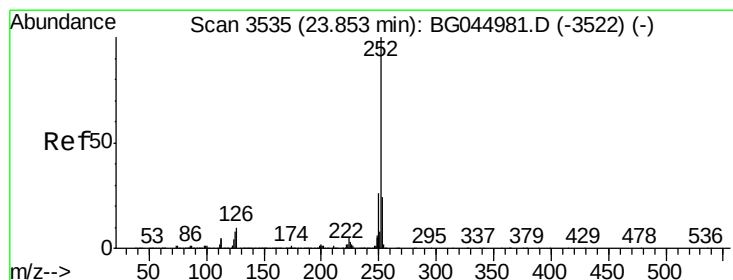
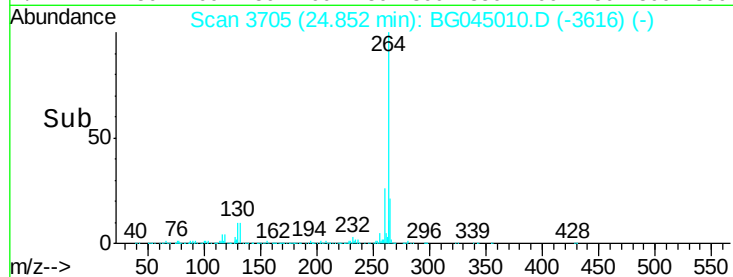
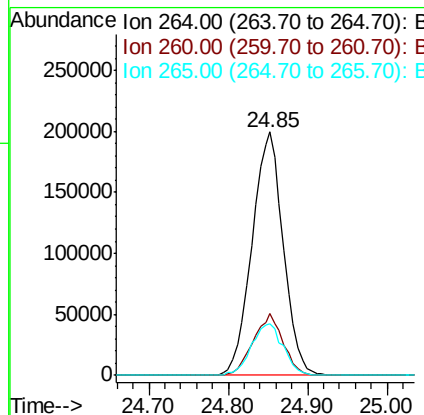
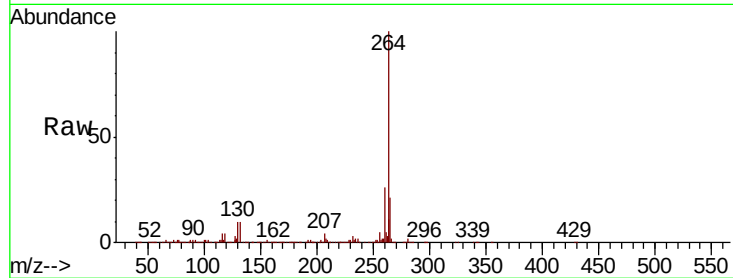
ClientSampleId :

PB128228BS

Tot Ion:	264	Resp:	546118
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.2	28.8
265	21.3	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 46.961 ng

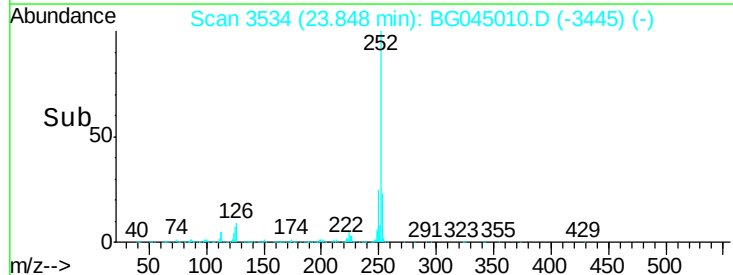
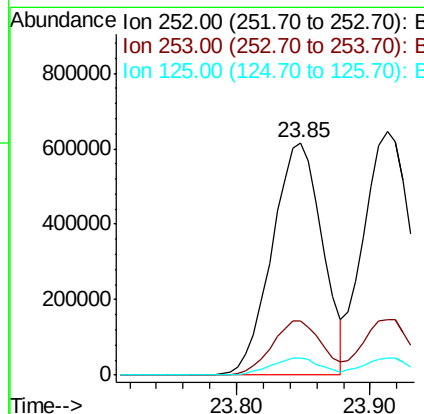
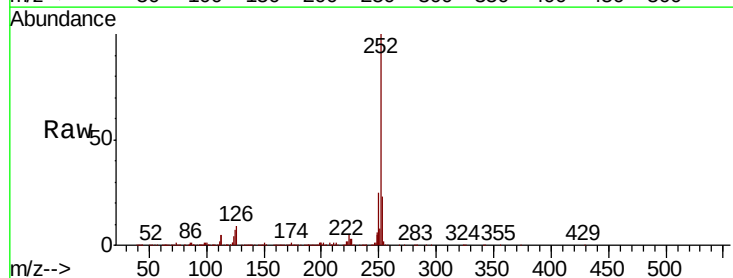
RT: 23.85 min Scan# 3534

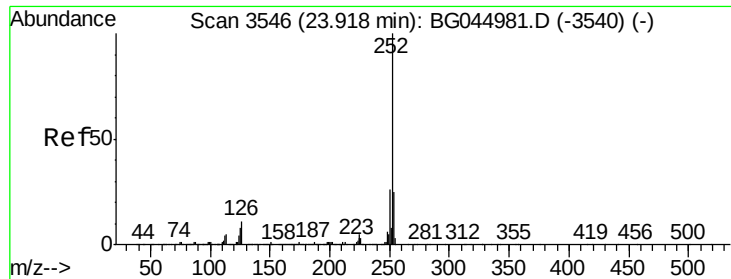
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:	252	Resp:	1606461
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.8	28.2
125	7.3	6.2	9.4





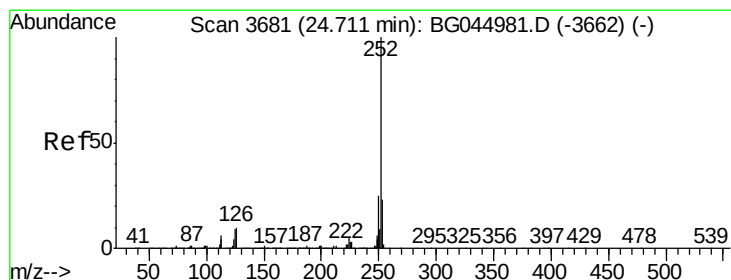
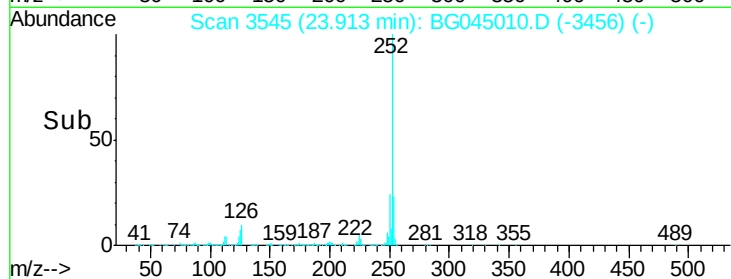
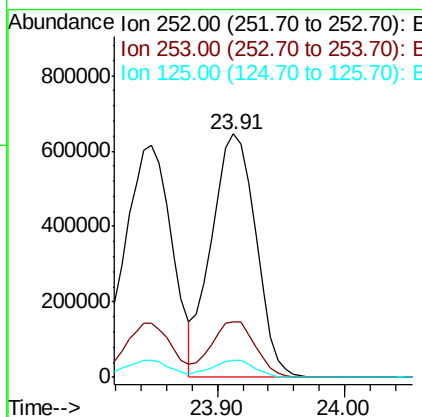
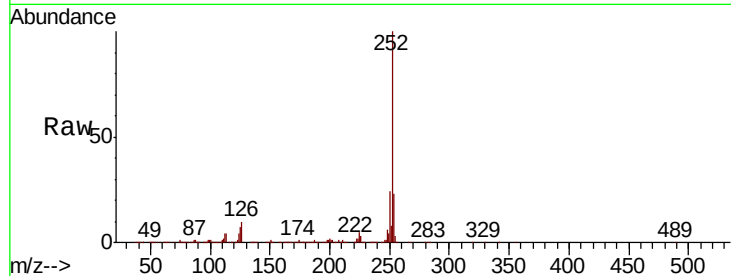
#89
Benzo(k)fluoranthene
Concen: 48.186 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	7.2	5.9	8.9

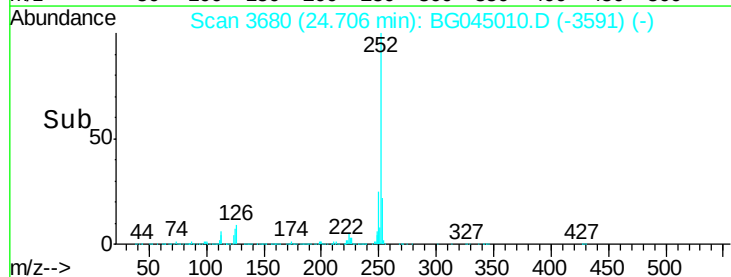
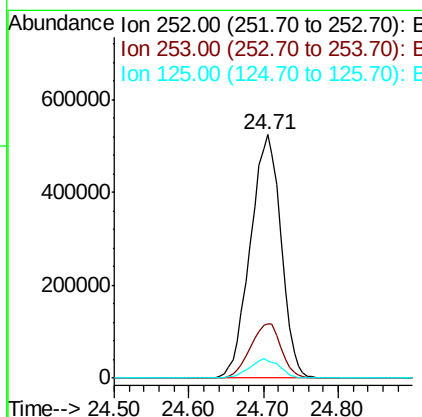
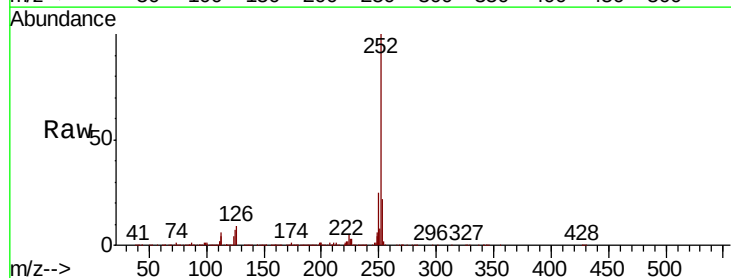
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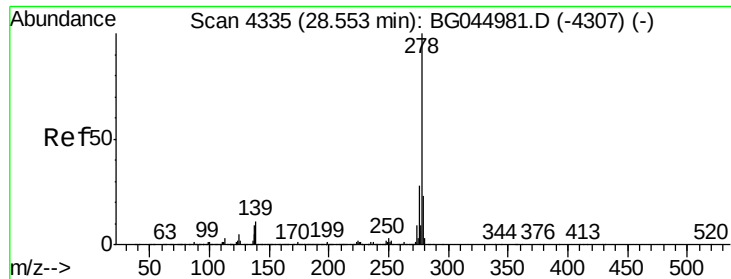
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#90
Benzo(a)pyrene
Concen: 46.428 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.9	7.0	10.6#





#91

Dibenzo(a,h)anthracene

Concen: 48.133 ng

RT: 28.54 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

Tot Ion:278 Resp: 1566487

Ion Ratio Lower Upper

278 100

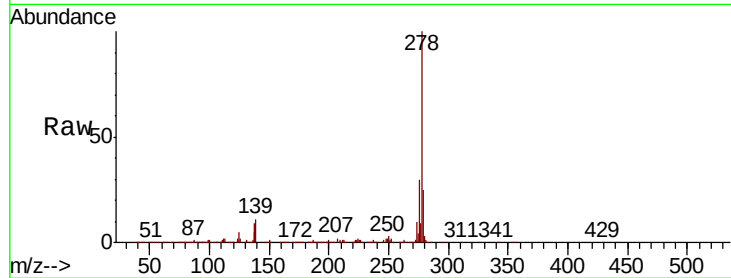
139 10.8 9.0 13.6

279 24.8 18.4 27.6

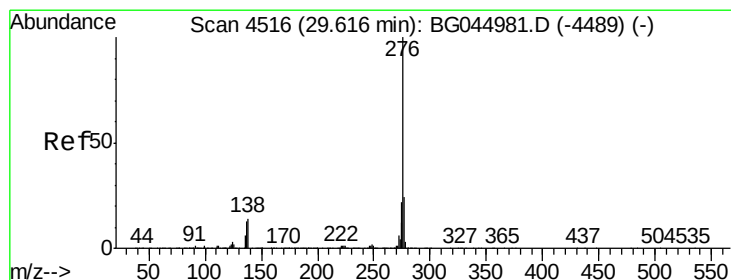
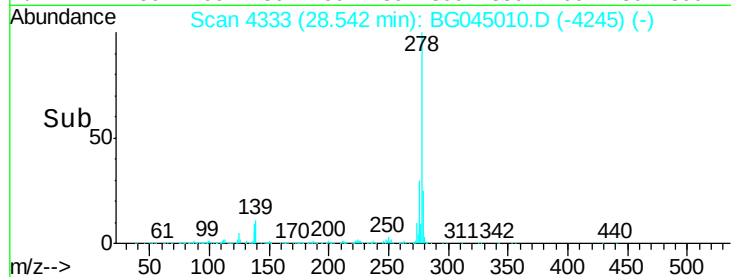
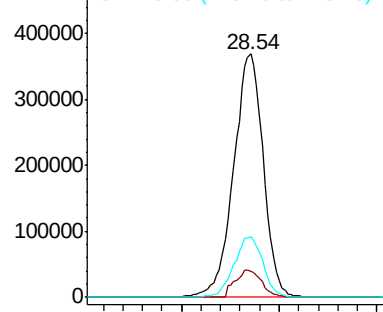
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.671 ng

RT: 29.60 min Scan# 4513

Delta R.T. -0.02 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

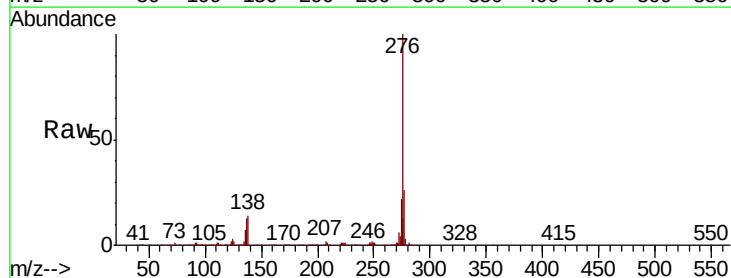
Tgt Ion:276 Resp: 1588071

Ion Ratio Lower Upper

276 100

277 25.7 19.3 28.9

138 14.3 11.4 17.2



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

