

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045800.D
 Acq On : 18 Jun 2020 19:41
 Operator : CG/JU
 Sample : PB129622BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

Manual Integrations
 APPROVED

mohammad
 6/19/2020 12:57:35 PM

Quant Time: Jun 19 03:38:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52066	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	205185	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	145278	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343512	20.00	ng	0.00
76) Chrysene-d12	21.58	240	310226	20.00	ng	0.00
86) Perylene-d12	24.71	264	328840	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	445788	144.63	ng	0.00
7) Phenol-d6	7.16	99	630658	134.52	ng	0.00
23) Nitrobenzene-d5	9.08	82	409820	91.24	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	302577	137.95	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	915553	92.61	ng	0.00
79) Terphenyl-d14	19.94	244	1496194	97.74	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.37	88	56319	39.895	ng	99
3) Pyridine	3.77	79	164064	39.219	ng	98
4) n-Nitrosodimethylamine	3.68	42	70547	50.241	ng	# 99
6) Aniline	7.25	93	200640	36.346	ng	98
8) 2-Chlorophenol	7.51	128	173533	52.599	ng	95
9) Benzaldehyde	7.06	77	102509	36.403	ng	97
10) Phenol	7.19	94	233760	51.459	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	157981	45.786	ng	95
12) 1,3-Dichlorobenzene	7.81	146	185387	47.153	ng	99
13) 1,4-Dichlorobenzene	7.96	146	190649	48.547	ng	95
14) 1,2-Dichlorobenzene	8.27	146	176507	46.948	ng	98
15) Benzyl Alcohol	8.18	79	178451	49.186	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	147906	45.483	ng	82
17) 2-Methylphenol	8.42	107	158025	46.743	ng	98
18) Hexachloroethane	9.00	117	73298	49.143	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	147068	47.714	ng	99
20) 3+4-Methylphenols	8.75	107	206617	46.471	ng	# 68
22) Acetophenone	8.75	105	262616	46.632	ng	# 97
24) Nitrobenzene	9.12	77	222326	46.425	ng	99
25) Isophorone	9.65	82	397935	45.766	ng	98
26) 2-Nitrophenol	9.84	139	96627	48.431	ng	91
27) 2,4-Dimethylphenol	9.93	122	158782	52.126	ng	94
28) bis(2-Chloroethoxy)methane	10.13	93	220761	48.606	ng	98
29) 2,4-Dichlorophenol	10.41	162	177656	49.989	ng	94
30) 1,2,4-Trichlorobenzene	10.59	180	195763	46.530	ng	96
31) Naphthalene	10.77	128	529448	47.197	ng	98
32) Benzoic acid	10.15	122	101900	50.912	ng	# 89
33) 4-Chloroaniline	10.90	127	99587	21.199	ng	97
34) Hexachlorobutadiene	11.07	225	139574	46.647	ng	99
35) Caprolactam	11.67	113	59852m	52.043	ng	
36) 4-Chloro-3-methylphenol	12.07	107	209110	50.961	ng	99
37) 2-Methylnaphthalene	12.39	142	400349	47.927	ng	98
38) 1-Methylnaphthalene	12.61	142	386475	48.891	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	229208	47.915	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	268112	99.208	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	159021	49.030	nq	97
44) 2,4,5-Trichlorophenol	13.11	196	164798	44.582	nq	94
46) 1,1'-Biphenyl	13.40	154	508406	48.880	nq	99
47) 2-Chloronaphthalene	13.44	162	396021	47.135	nq	97
48) 2-Nitroaniline	13.66	65	132779	47.510	nq	97
49) Acenaphthylene	14.29	152	645111	47.937	nq	100
50) Dimethylphthalate	14.03	163	542470	47.664	nq	98
51) 2,6-Dinitrotoluene	14.15	165	125350	49.037	nq	97
52) Acenaphthene	14.63	154	387250	47.473	nq	97
53) 3-Nitroaniline	14.49	138	70538	27.627	nq	97
54) 2,4-Dinitrophenol	14.70	184	141865	97.351	nq	97
55) Dibenzofuran	14.97	168	632459	47.727	nq	98
56) 4-Nitrophenol	14.87	139	166764	90.608	nq	98
57) 2,4-Dinitrotoluene	14.94	165	175013	47.785	nq	# 99
58) Fluorene	15.62	166	533537	48.419	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	159831	49.818	nq	97
60) Diethylphthalate	15.39	149	558095	47.969	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	293770	46.256	nq	99
62) 4-Nitroaniline	15.66	138	116314	44.388	nq	94
63) Azobenzene	15.90	77	542824	48.591	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	110422	52.015	nq	98
66) n-Nitrosodiphenylamine	15.83	169	466629	47.959	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	204684	45.857	nq	99
68) Hexachlorobenzene	16.63	284	220140	47.563	nq	96
69) Atrazine	16.78	200	175731	46.545	nq	98
70) Pentachlorophenol	16.99	266	214030	92.452	nq	95
71) Phenanthrene	17.36	178	832172	46.972	nq	99
72) Anthracene	17.45	178	855601	48.498	nq	100
73) Carbazole	17.73	167	778730	46.358	nq	98
74) Di-n-butylphthalate	18.28	149	925968	46.555	nq	99
75) Fluoranthene	19.37	202	1025648	47.080	nq	98
77) Benzidine	19.56	184	350944	43.515	nq	99
78) Pyrene	19.73	202	1004134	48.336	nq	99
80) Butylbenzylphthalate	20.63	149	417591	48.024	nq	98
81) Benzo(a)anthracene	21.56	228	958412	47.651	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	244553	32.144	nq	99
83) Chrysene	21.62	228	924567	47.526	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	576888	47.697	nq	# 99
85) Di-n-octyl phthalate	22.65	149	954138	45.734	nq	100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1182185	49.589	nq	99
88) Benzo(b)fluoranthene	23.72	252	1022109	49.574	nq	97
89) Benzo(k)fluoranthene	23.79	252	965954	48.951	nq	98
90) Benzo(a)pyrene	24.56	252	922034	47.873	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	967700	50.620	nq	97
92) Benzo(g,h,i)perylene	29.37	276	967699	50.574	nq	98

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

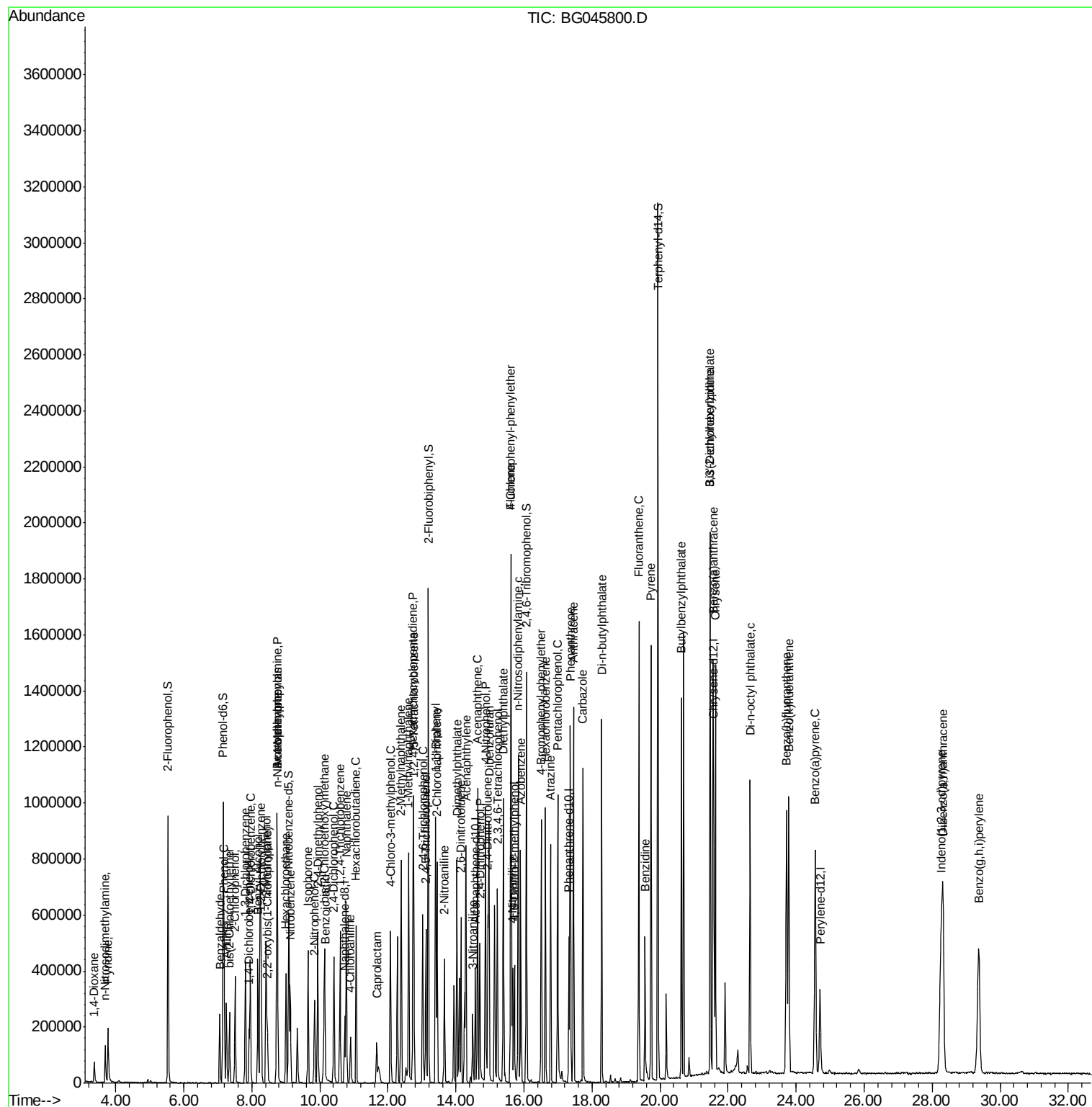
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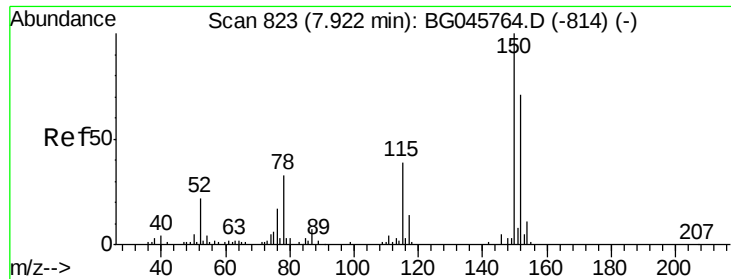
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 ClientSampleID :
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#1

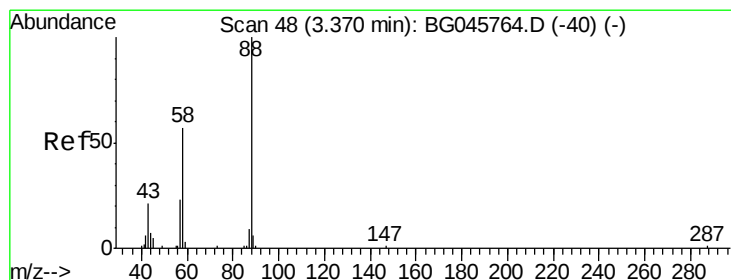
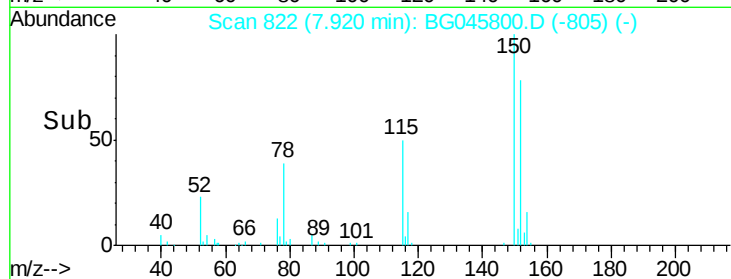
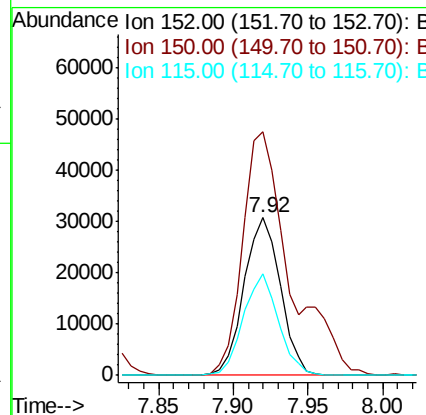
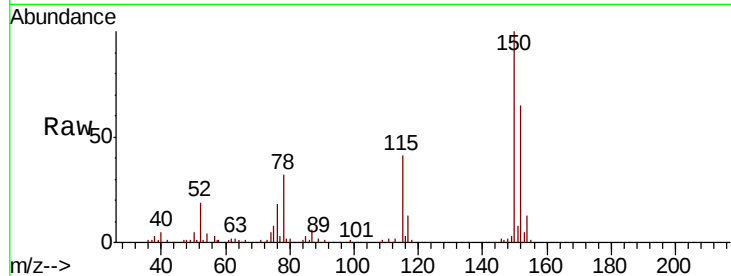
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	113.1	169.7
115	64.1	43.8	65.6

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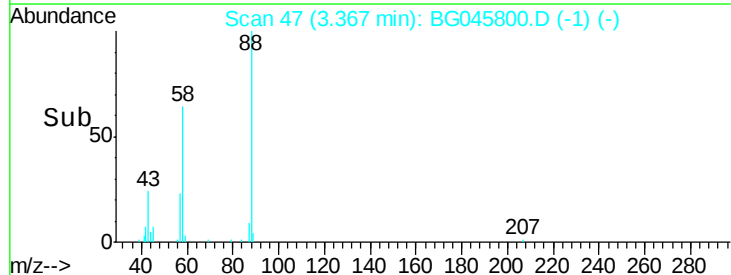
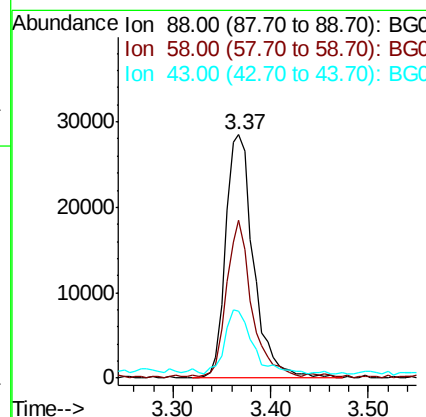
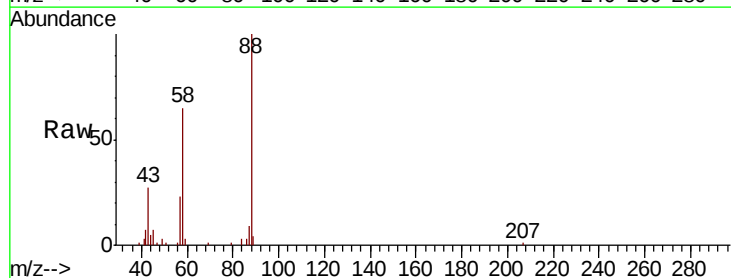
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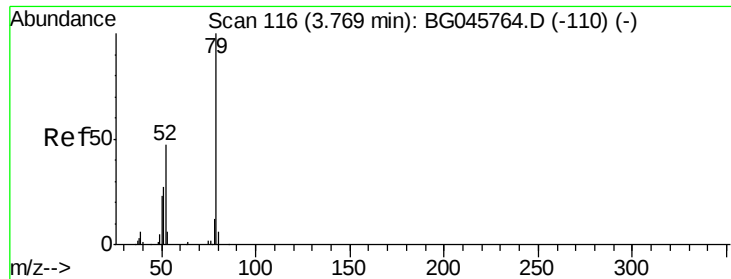


#2

1,4-Dioxane
Concen: 39.895 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.7	46.1	69.1
43	25.7	19.2	28.8





#3

Pvridine

Concen: 39.219 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

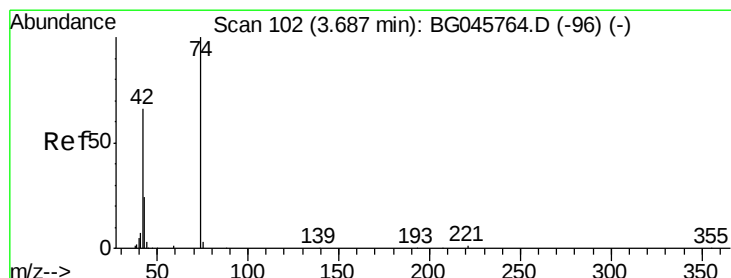
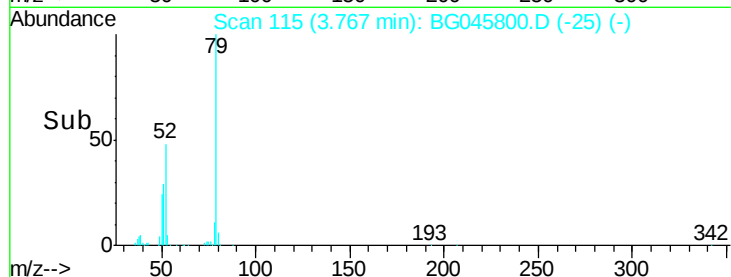
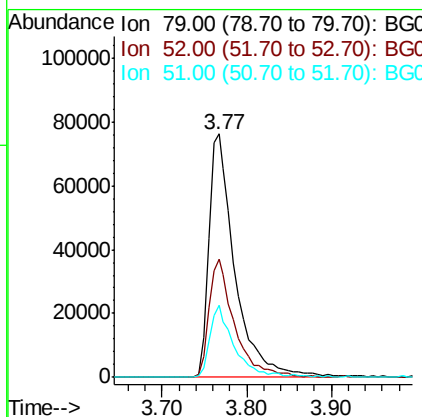
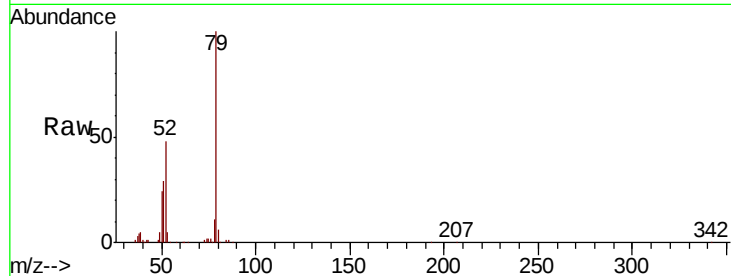
ClientSampled :

PB129622BS

Tot Ion	79	Resp	164064
Ion	Ratio	Lower	Upper
79	100		
52	48.4	37.9	56.9
51	29.4	22.0	33.0

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#4

n-Nitrosodimethylamine

Concen: 50.241 ng

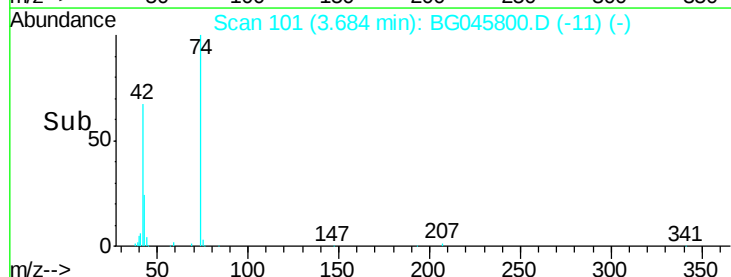
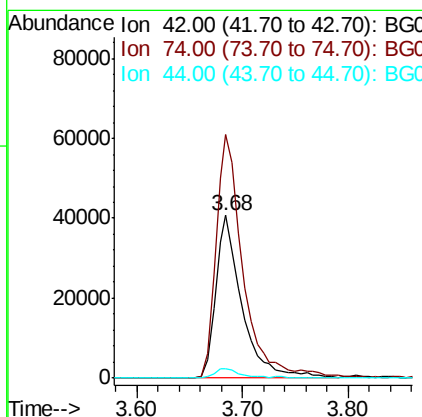
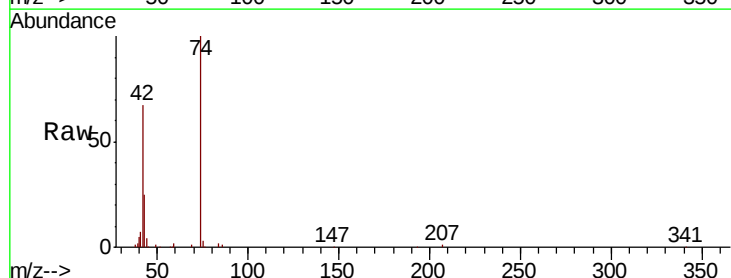
RT: 3.68 min Scan# 101

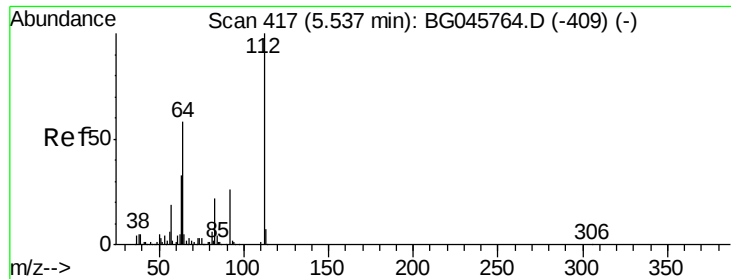
Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion	42	Resp	70547
Ion	Ratio	Lower	Upper
42	100		
74	149.8	121.0	181.4
44	5.9	3.5	5.3#





#5

2-Fluorophenol

Concen: 144.632 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

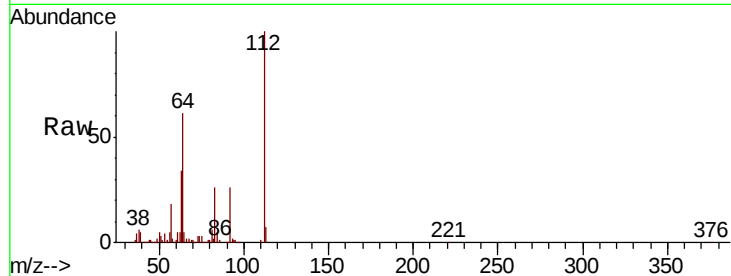
ClientSampleId :

PB129622BS

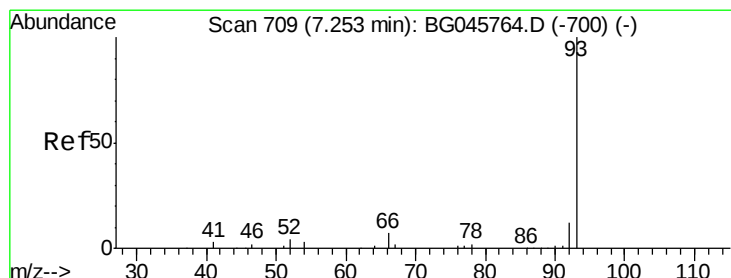
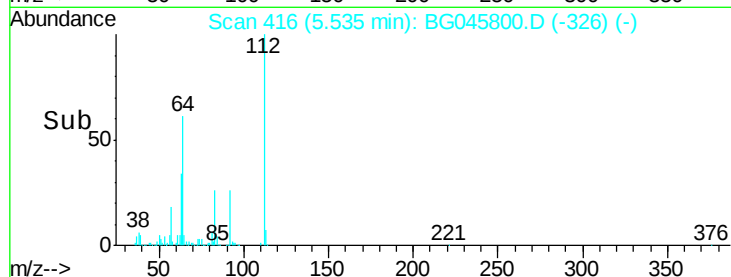
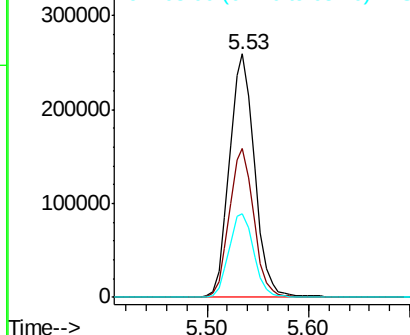
Tot Ion	Ratio	Resp	Lower	Upper
112	100	445788		
64	61.1	46.6	69.8	
63	34.4	26.3	39.5	

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.346 ng

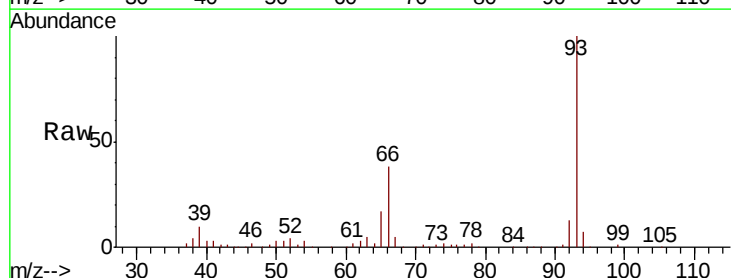
RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

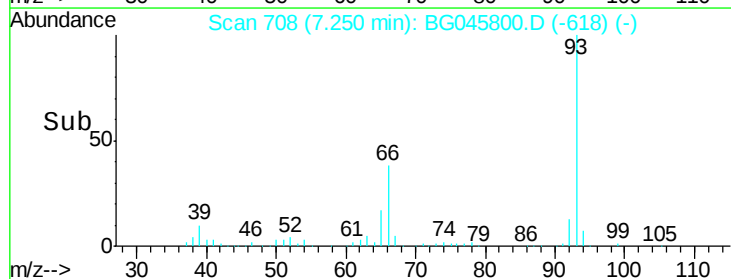
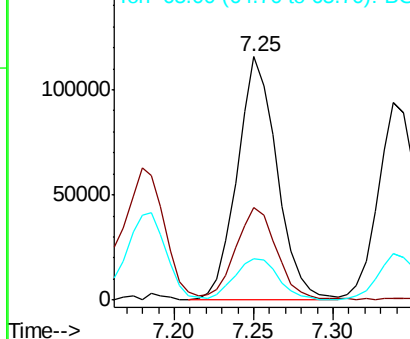
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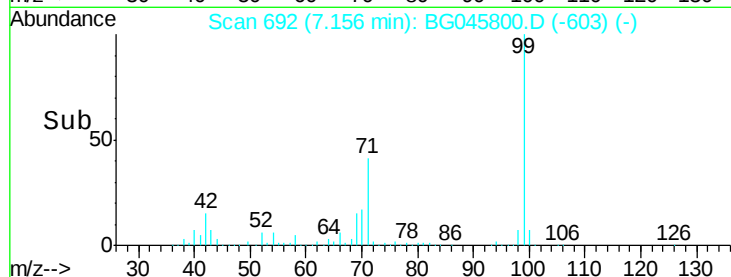
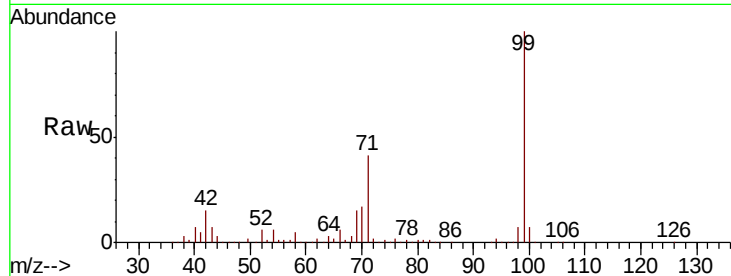
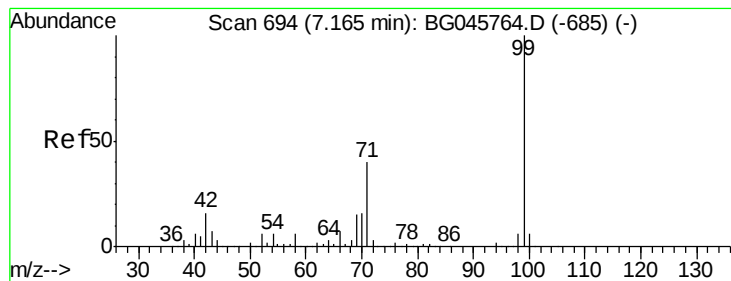
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200640		
66	38.2	30.0	45.0	
65	17.2	14.7	22.1	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.517 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		630658		
42	15.3	12.4	18.6		
71	40.6	32.1	48.1		

Instrument :

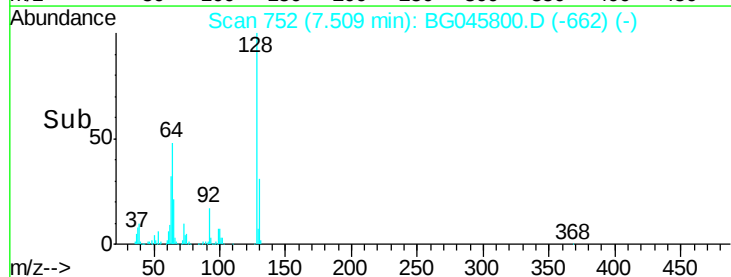
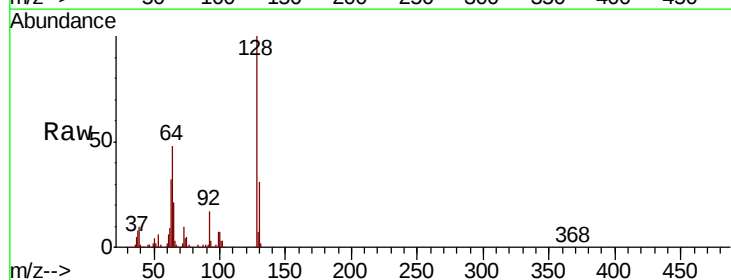
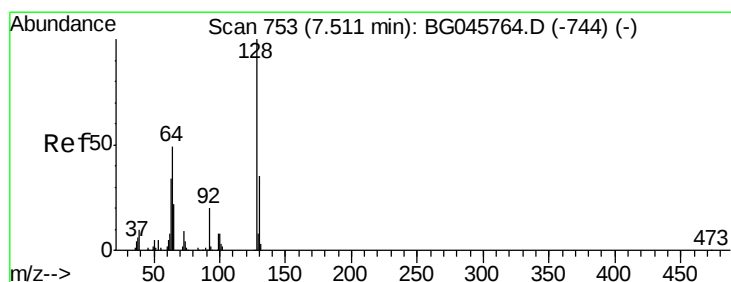
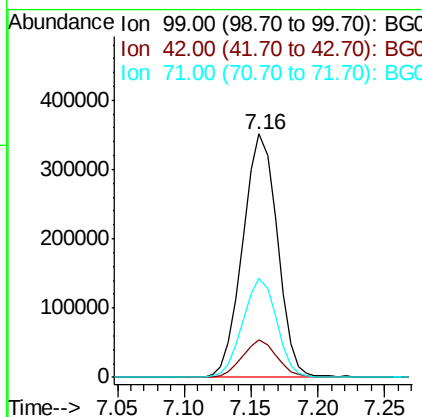
BNA_G

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#8

2-Chlorophenol

Concen: 52.599 ng

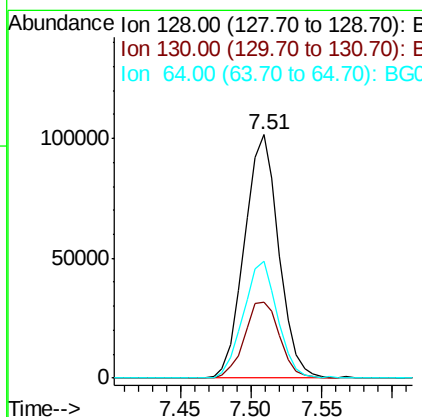
RT: 7.51 min Scan# 752

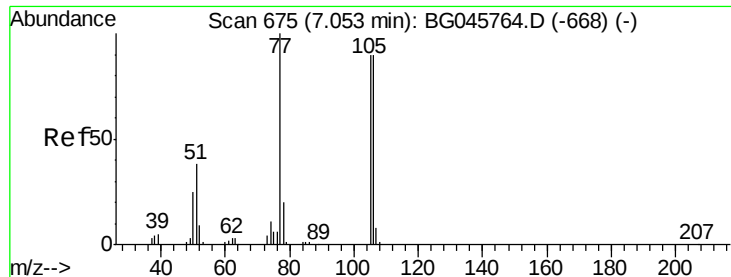
Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		173533		
130	31.4	14.5	54.5		
64	48.1	31.6	71.6		





#9

Benzaldehyde

Concen: 36.403 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

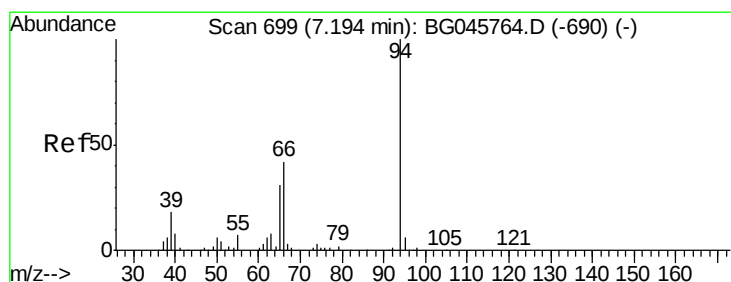
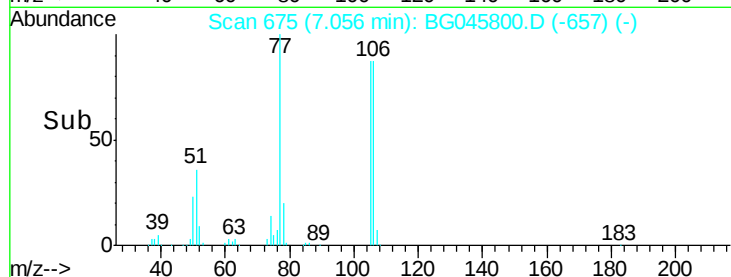
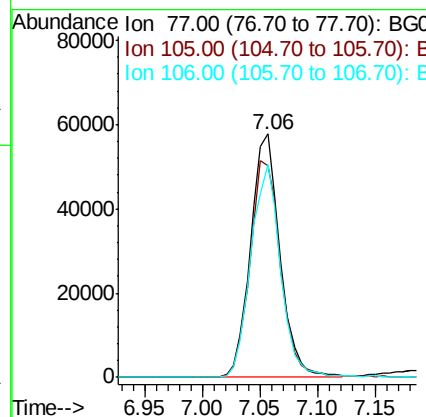
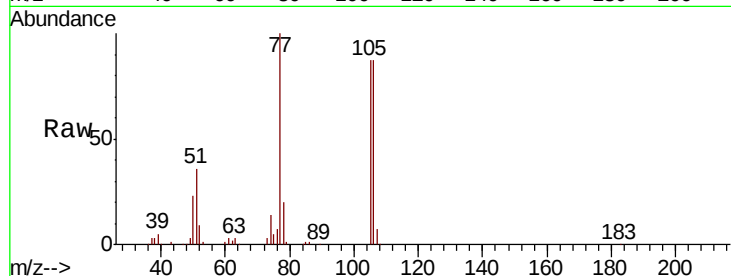
ClientSampleId :

PB129622BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.8	70.4	110.4
106	87.3	70.2	110.2

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#10

Phenol

Concen: 51.459 ng

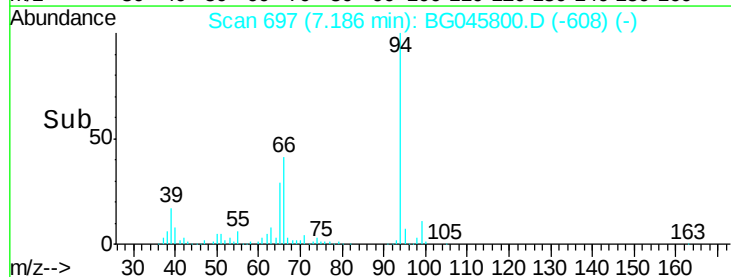
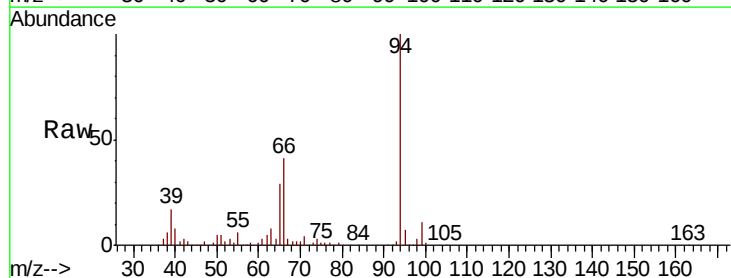
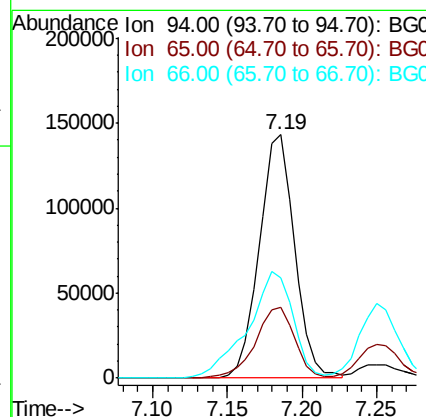
RT: 7.19 min Scan# 697

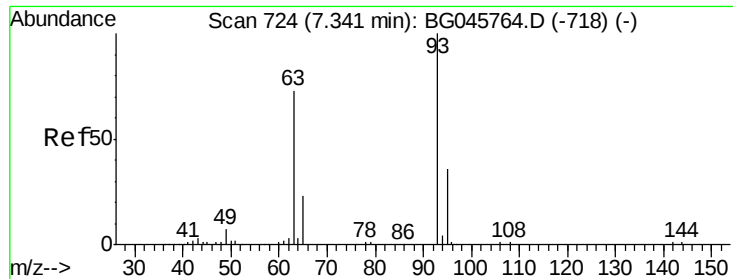
Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	10.7	50.7
66	41.3	22.5	62.5





#11

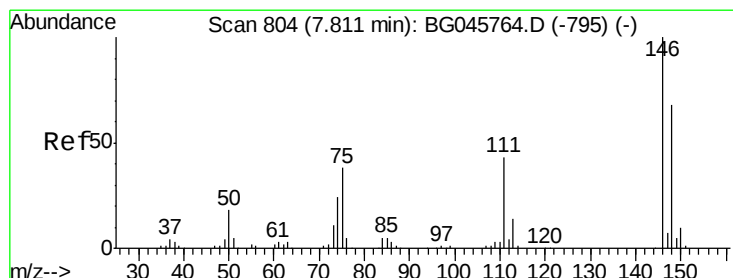
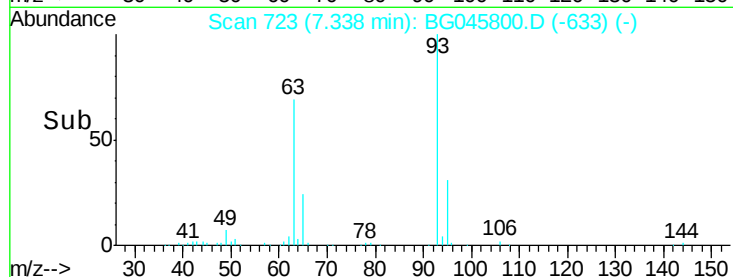
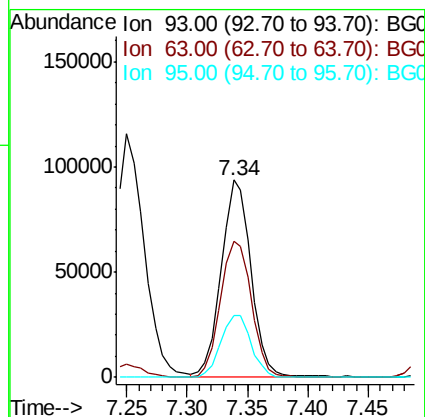
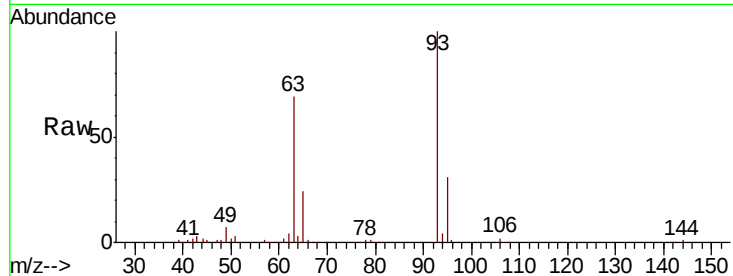
bis(2-Chloroethyl)ether
Concen: 45.786 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	93	Resp	157981
Ion Ratio	Lower	Upper	
93	100		
63	68.8	52.0	92.0
95	31.2	15.6	55.6

Manual Integrations
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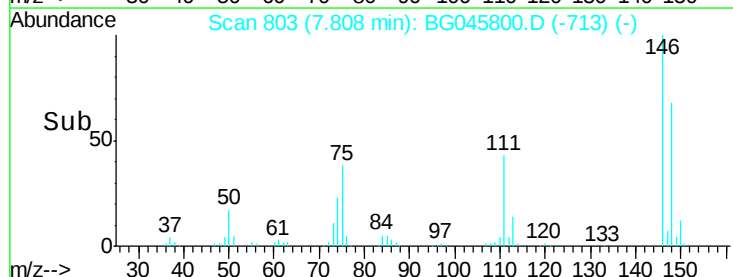
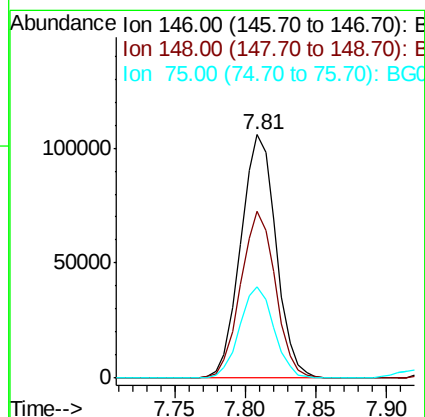
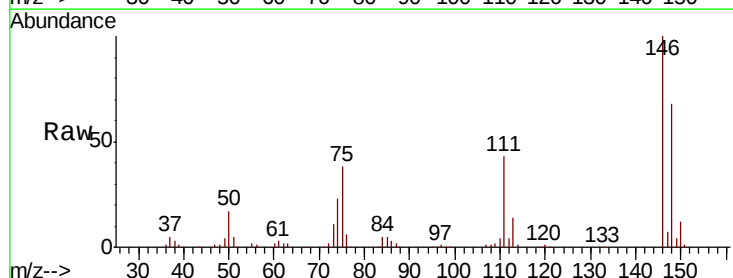
mohammad
6/19/2020 12:57:35 PM

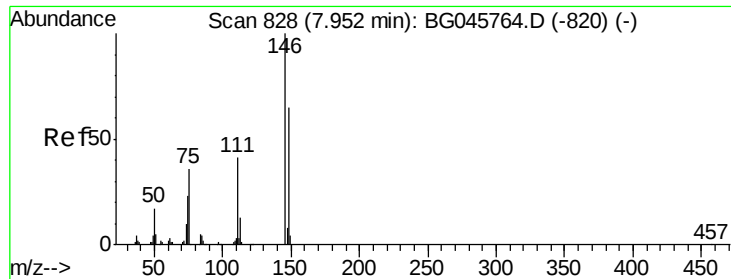


#12

1,3-Dichlorobenzene
Concen: 47.153 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	146	Resp	185387
Ion Ratio	Lower	Upper	
146	100		
148	68.5	54.2	81.4
75	37.5	30.1	45.1





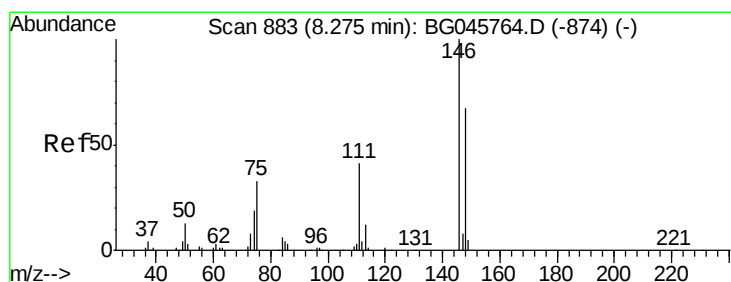
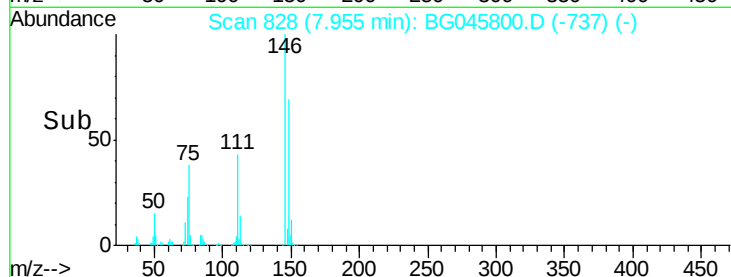
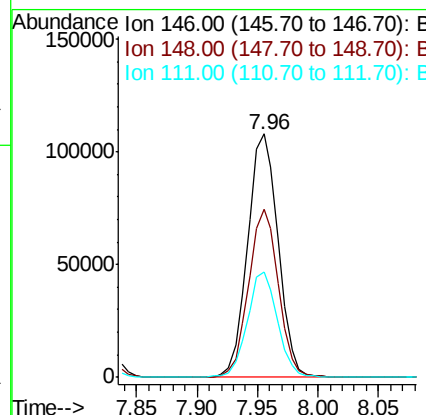
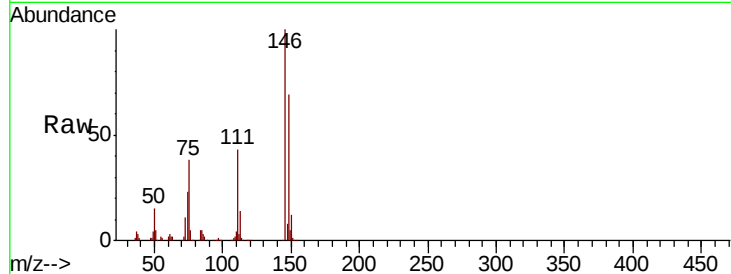
#13
1,4-Dichlorobenzene
Concen: 48.547 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.9	51.8	77.6
111	43.3	32.8	49.2

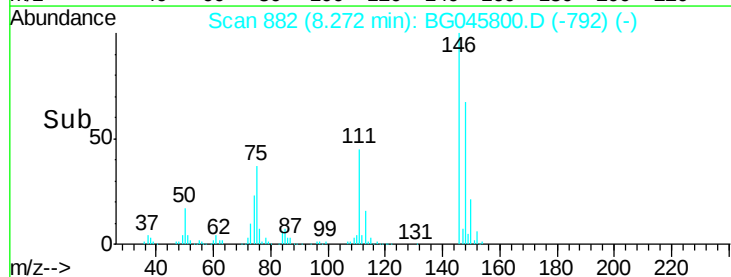
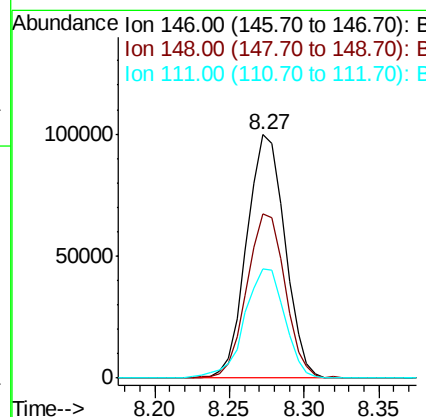
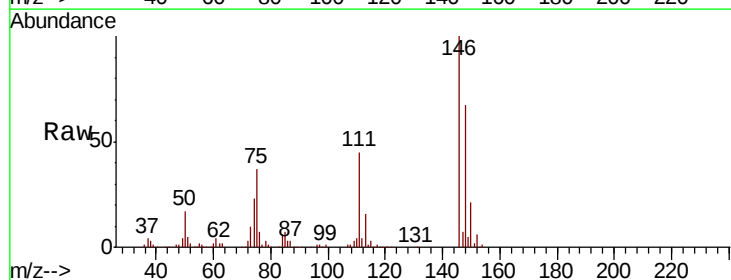
Manual Integrations
APPROVED

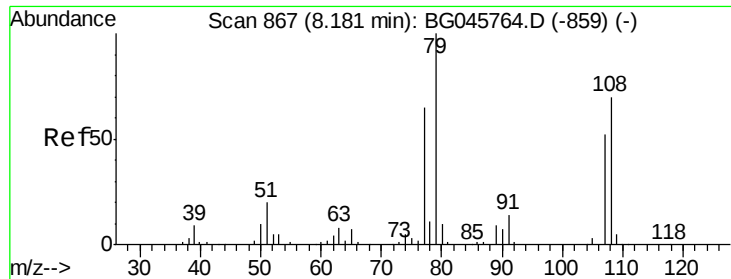
mohammad
6/19/2020 12:57:35 PM



#14
1,2-Dichlorobenzene
Concen: 46.948 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	54.1	81.1
111	45.0	32.9	49.3





#15

Benzyl Alcohol

Concen: 49.186 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

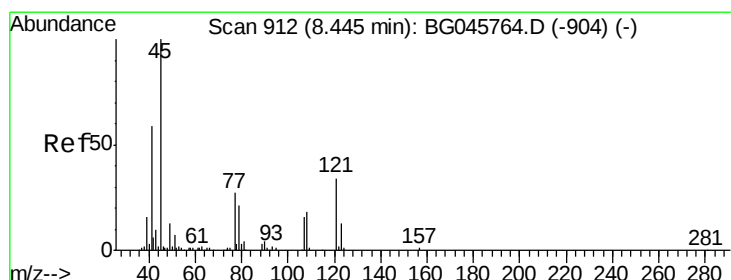
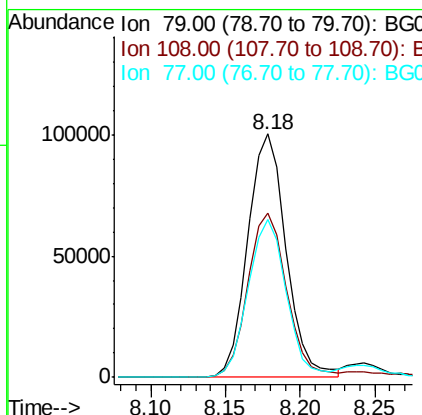
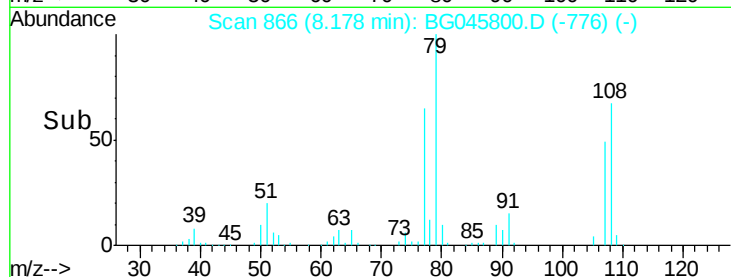
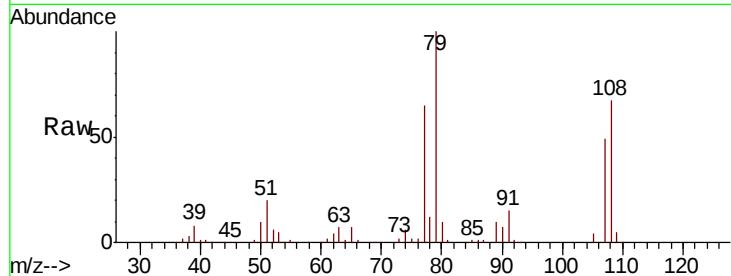
ClientSampled :

PB129622BS

Tot Ion:	79	Resp:	178451
Ion Ratio	Lower	Upper	
79	100		
108	67.2	56.2	84.4
77	64.7	52.2	78.2

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.483 ng

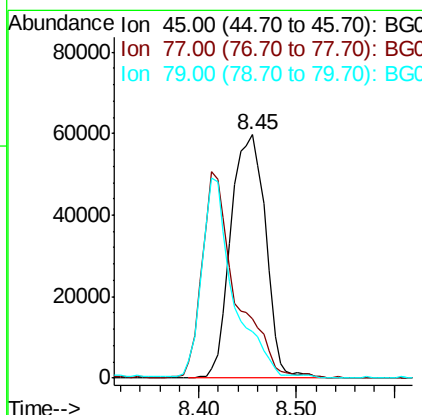
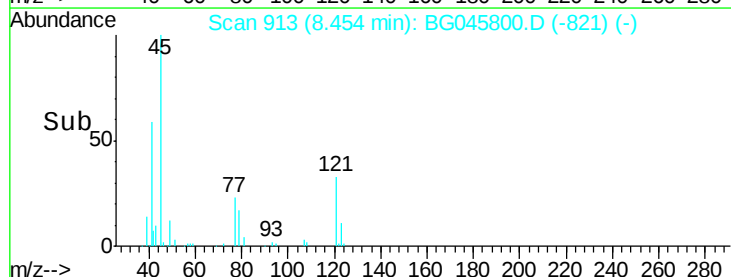
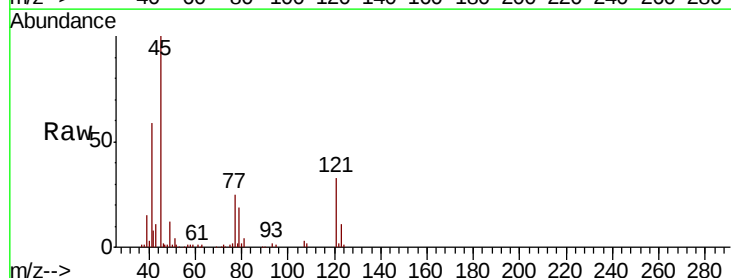
RT: 8.45 min Scan# 913

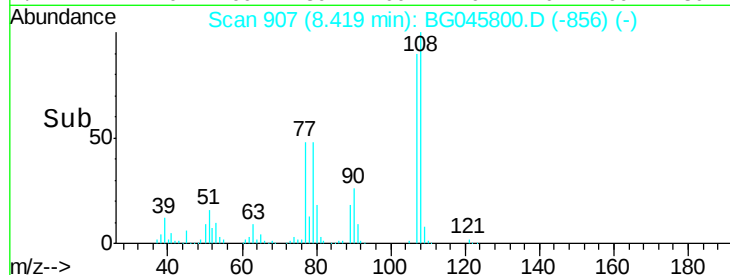
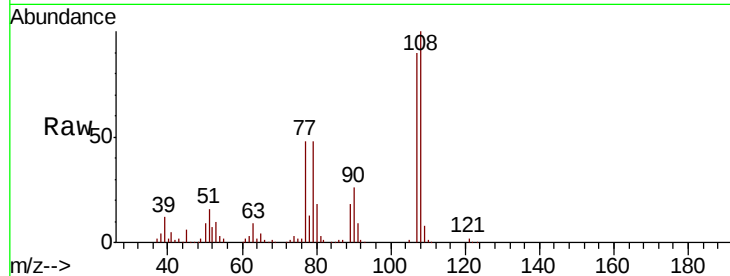
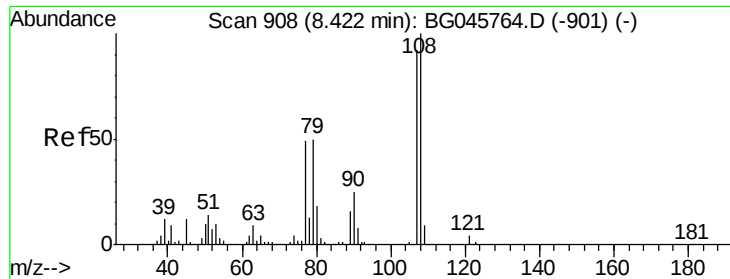
Delta R.T. 0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:	45	Resp:	147906
Ion Ratio	Lower	Upper	
45	100		
77	24.6	14.9	54.9
79	18.9	9.2	49.2





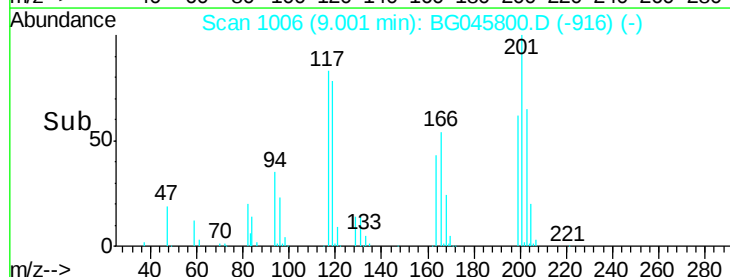
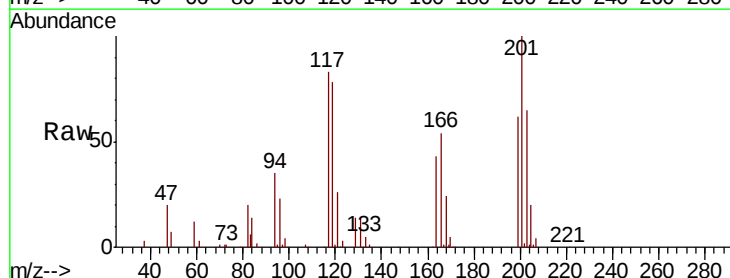
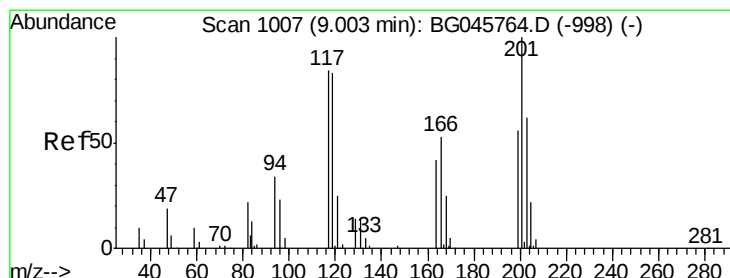
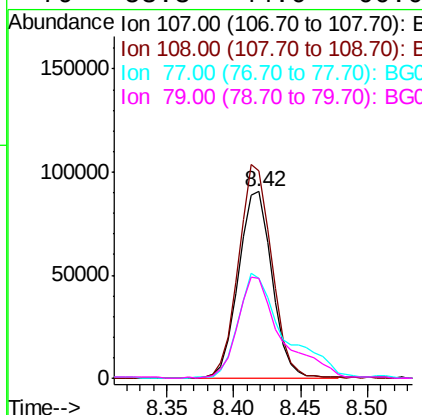
#17
2-Methylphenol
Concen: 46.743 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	87.4	131.0	
77	53.9	42.5	63.7	
79	53.3	44.0	66.0	

Instrument :
BNA_G
ClientSampleId :
PB129622BS

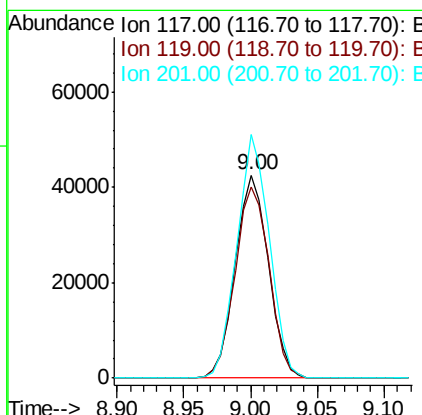
Manual Integrations
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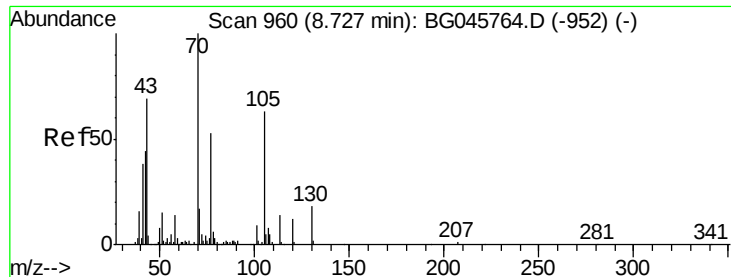
mohammad
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#18
Hexachloroethane
Concen: 49.143 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	78.9	118.3	
201	120.0	95.5	143.3	





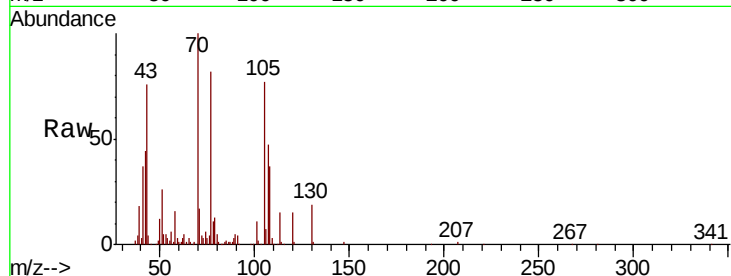
#19
n-Nitroso-di-n-propylamine
Concen: 47.714 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

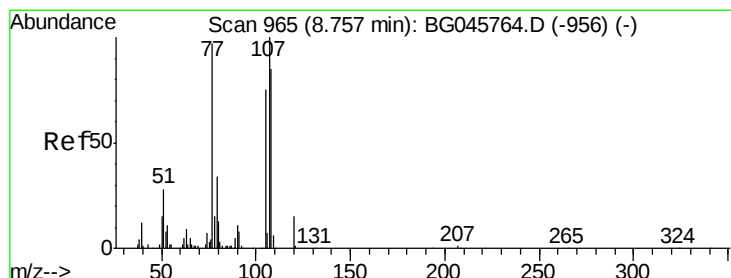
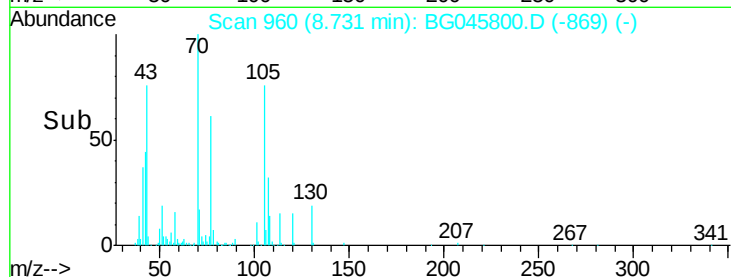
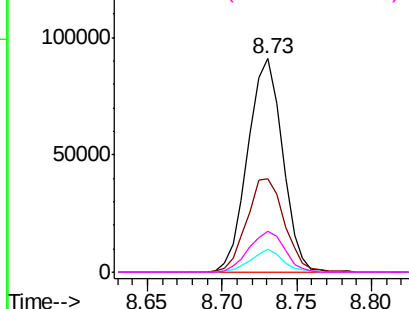
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.7	35.1	52.7	
101	10.9	7.4	11.0	
130	19.2	14.6	21.8	

Manual Integrations
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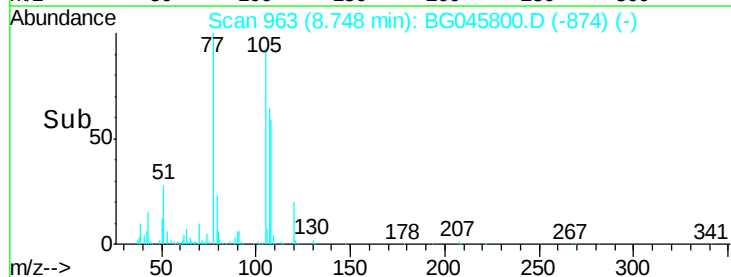
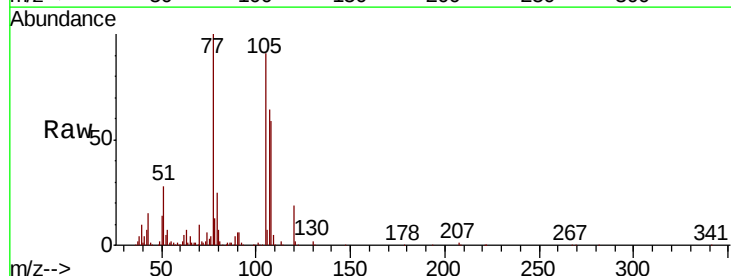
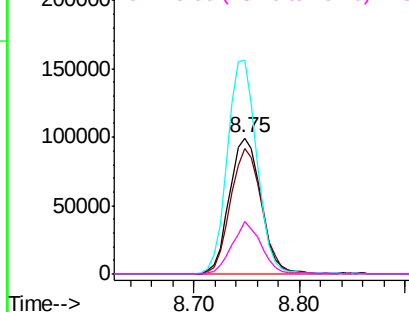
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

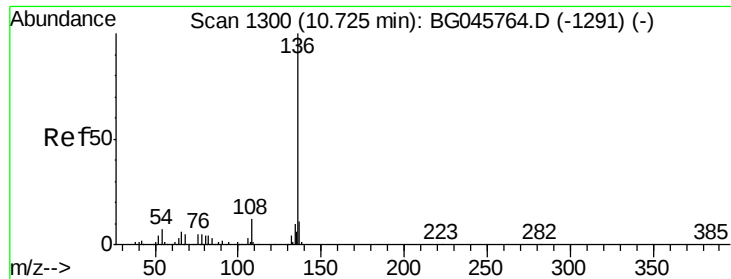


#20
3+4-Methylphenols
Concen: 46.471 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	65.4	105.4	
77	157.0	77.2	117.2	
79	38.5	14.2	54.2	

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





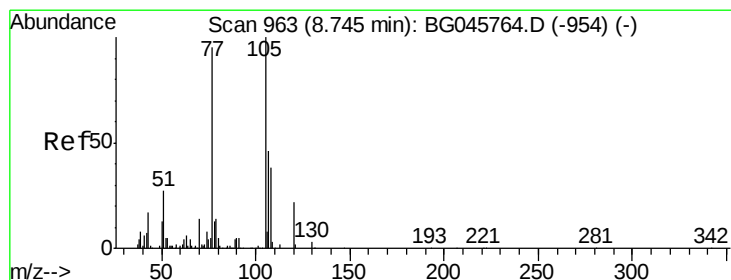
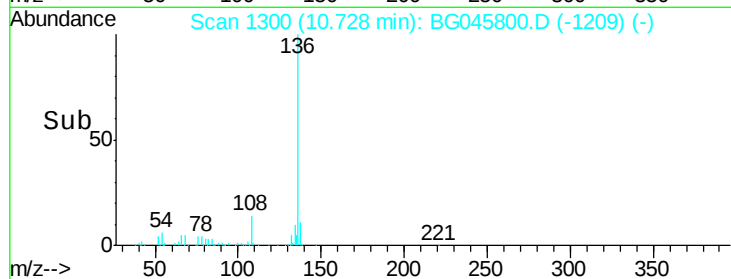
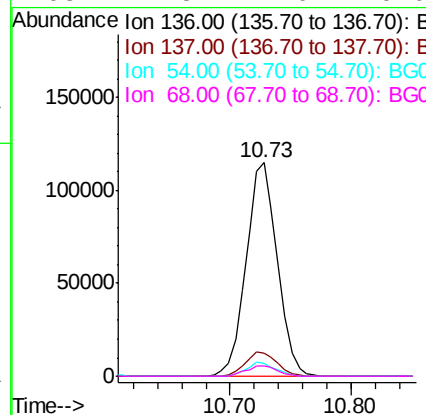
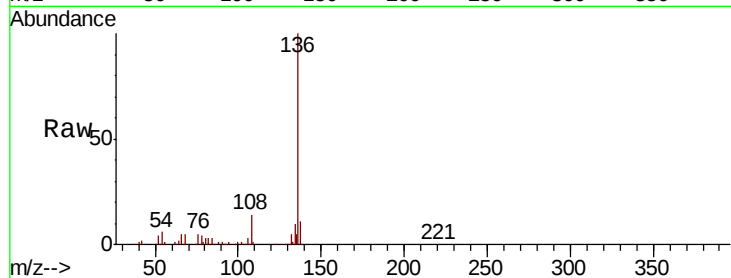
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	205185		
137	10.9		8.7	13.1
54	6.2		5.8	8.6
68	4.8		4.0	6.0

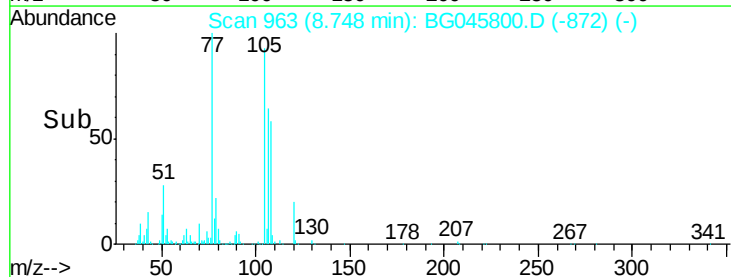
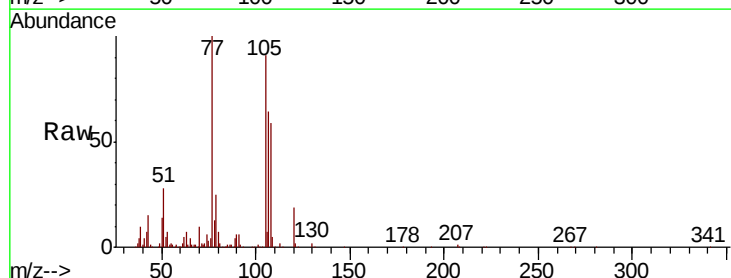
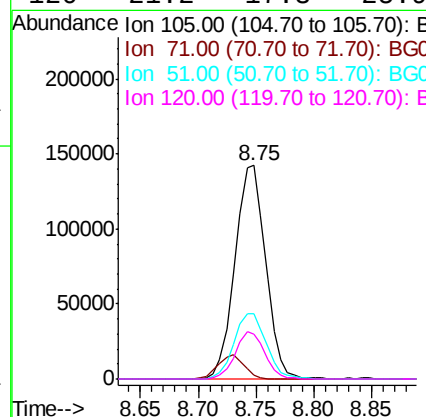
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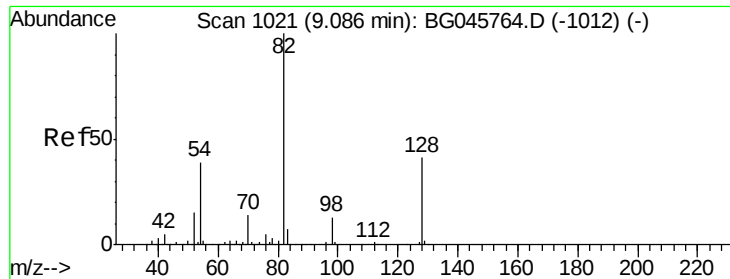
mohammad
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#22
Acetophenone
Concen: 46.632 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262616		
71	1.8		1.8	2.8#
51	30.4		21.9	32.9
120	21.2		17.3	25.9





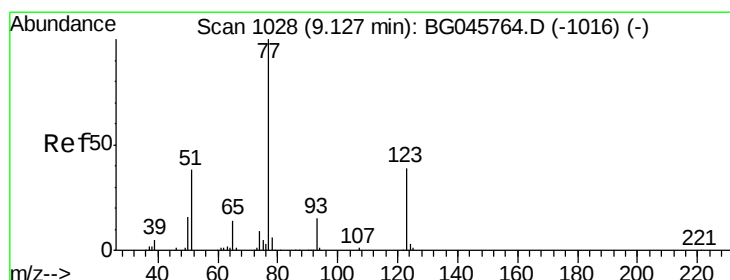
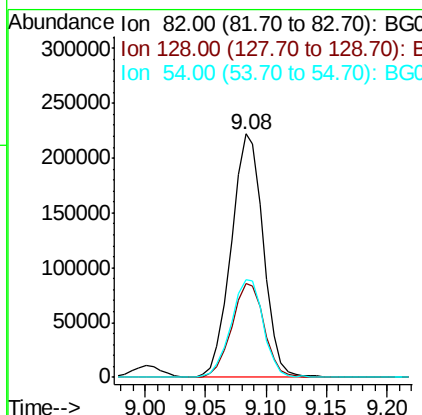
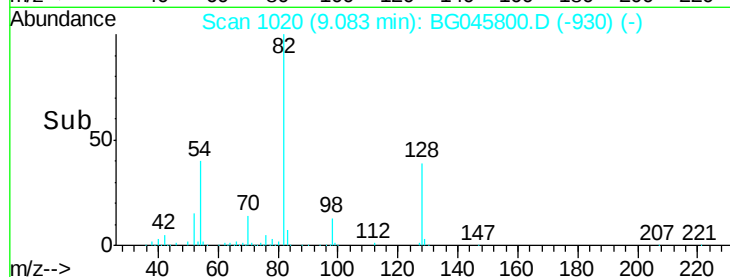
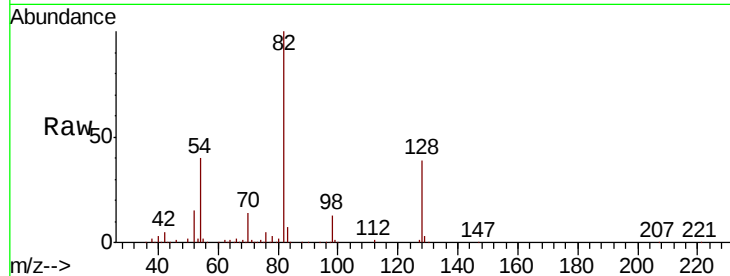
#23
 Nitrobenzene-d5
 Concen: 91.244 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Instrument :
 BNA_G
 ClientSampled :
 PB129622BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.5	48.7
54	40.3	31.2	46.8

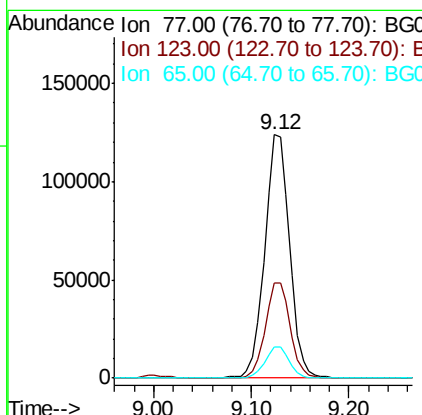
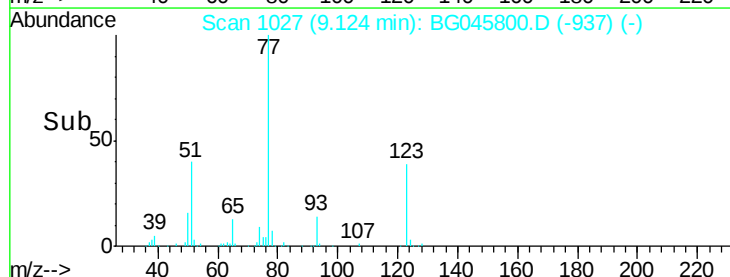
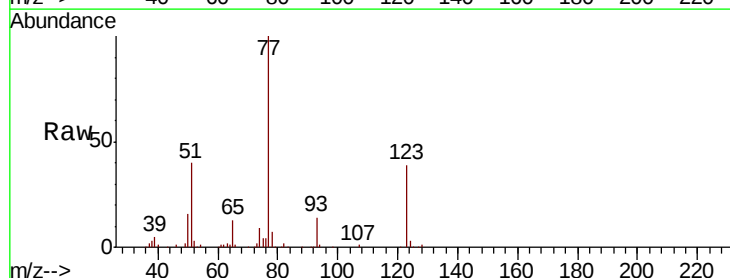
Manual Integrations
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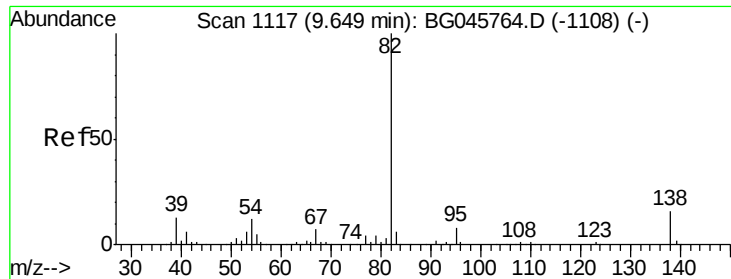
mohammad
 6/19/2020 12:57:35 PM



#24
 Nitrobenzene
 Concen: 46.425 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	31.2	46.8
65	12.6	11.4	17.2





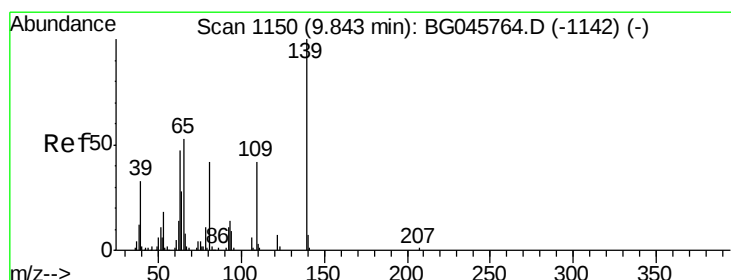
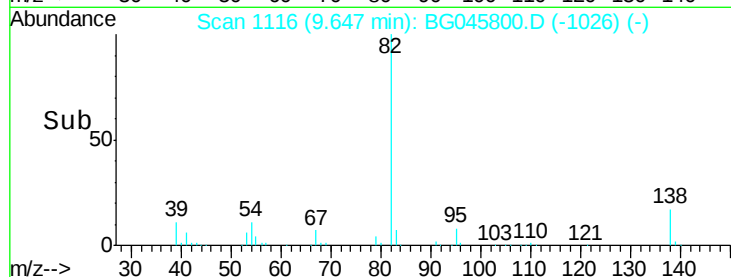
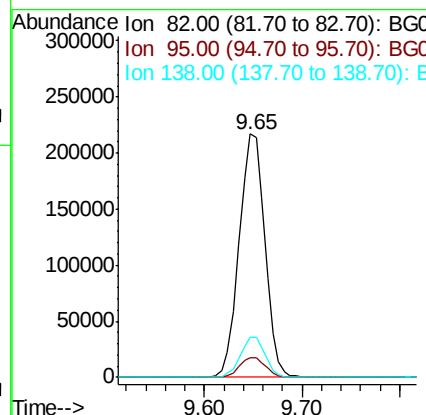
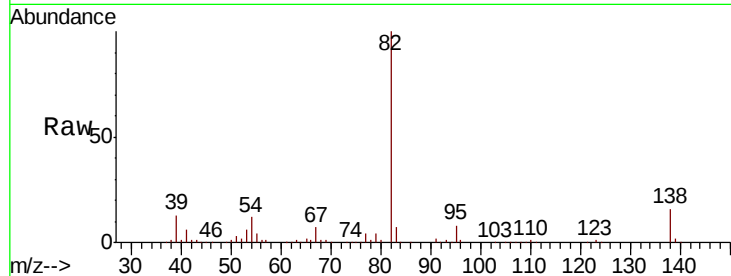
#25
Isophorone
Concen: 45.766 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampled :
PB129622BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	397935		
95	8.1		6.2	9.4
138	16.5		12.6	18.8

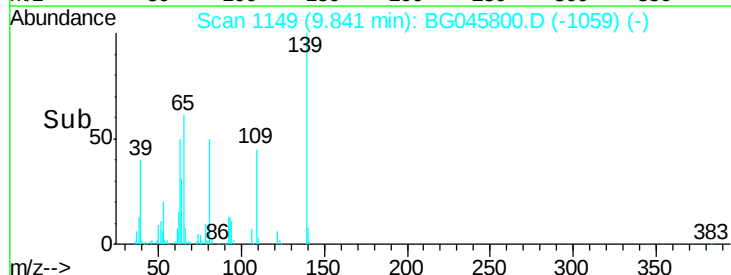
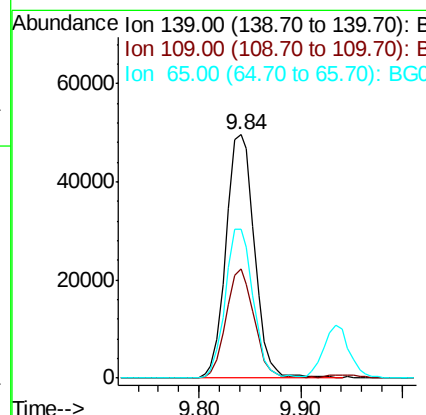
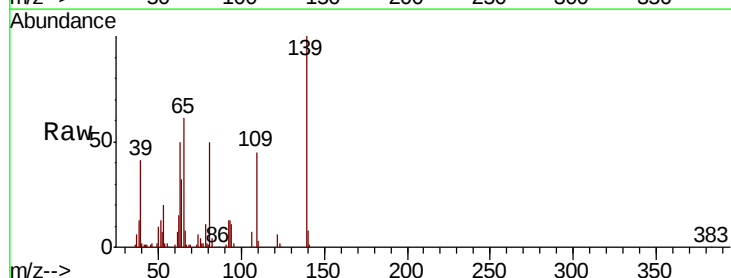
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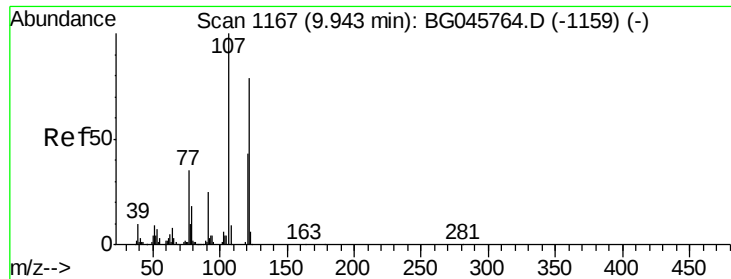
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#26
2-Nitrophenol
Concen: 48.431 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96627		
109	45.0		33.5	50.3
65	61.2		42.2	63.4





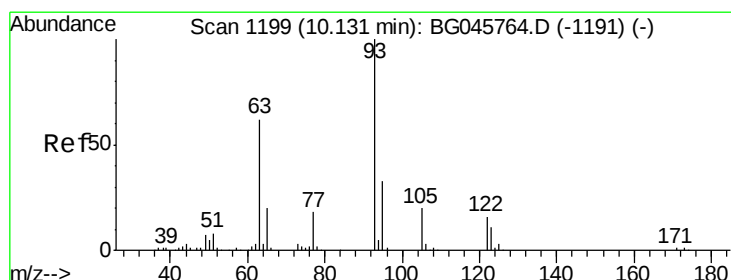
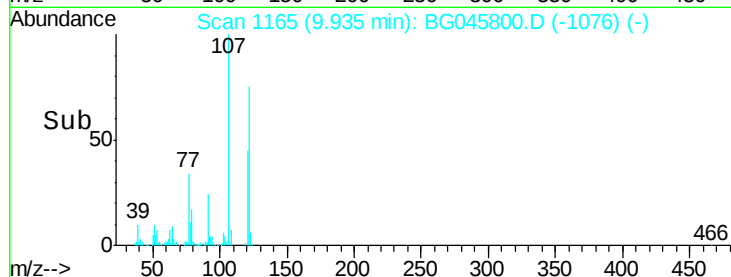
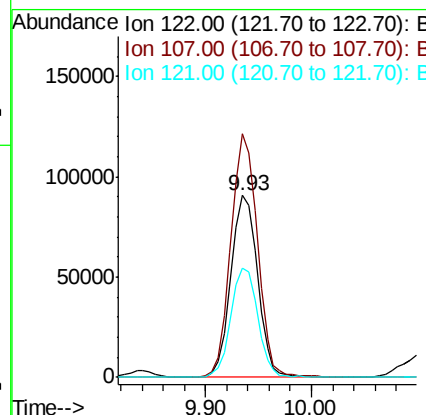
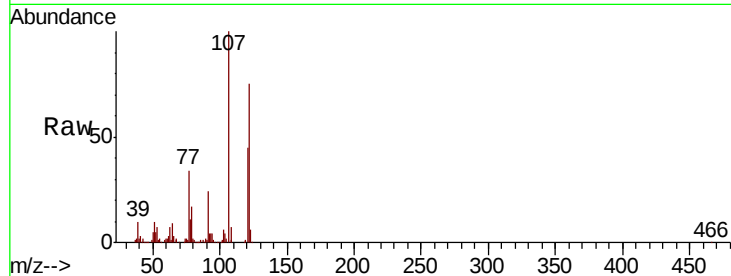
#27
2,4-Dimethylphenol
Concen: 52.126 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	133.7	101.3	151.9	
121	59.9	43.9	65.9	

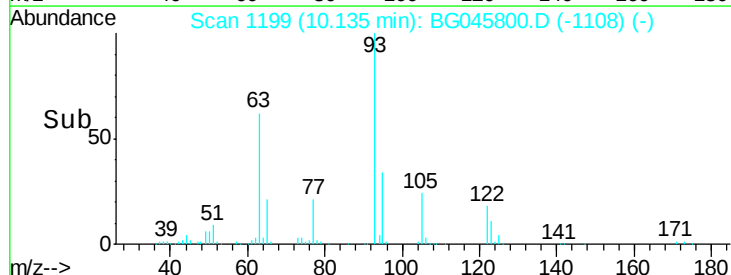
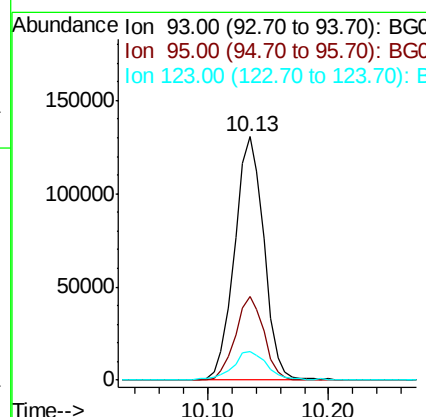
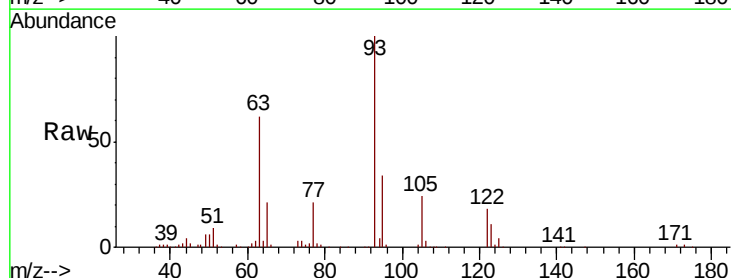
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#28
bis(2-Chloroethoxy)methane
Concen: 48.606 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.2	26.3	39.5	
123	11.5	9.3	13.9	





#29

2,4-Dichlorophenol

Concen: 49.989 ng

RT: 10.41 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

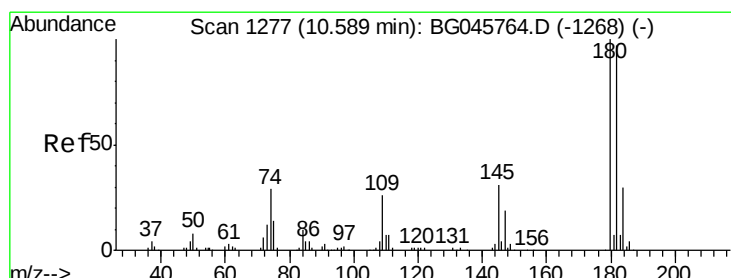
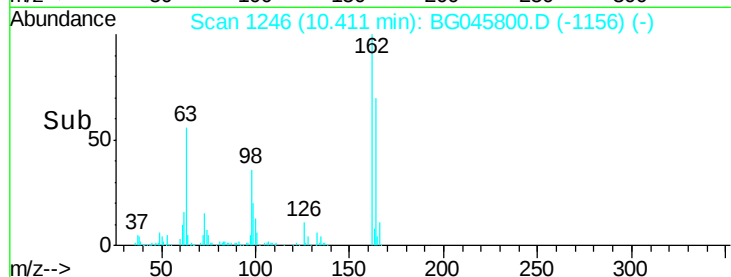
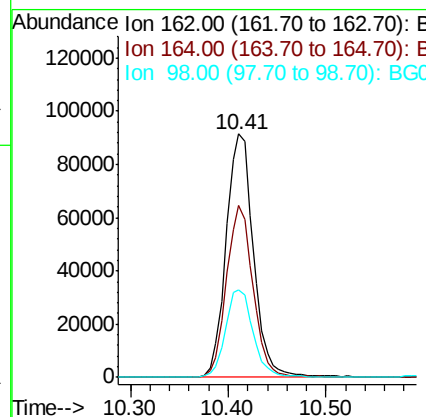
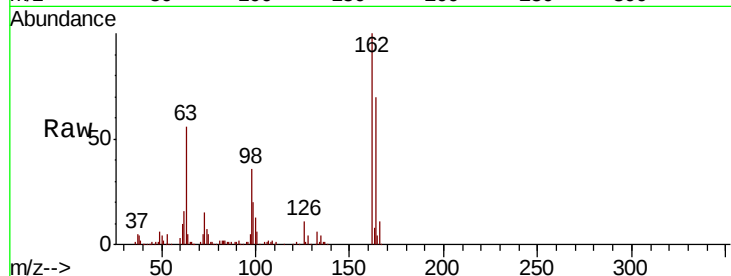
ClientSampleId :

PB129622BS

Tot Ion:	162	Resp:	177656
Ion Ratio	Lower	Upper	
162	100		
164	70.4	43.3	83.3
98	35.8	15.5	55.5

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#30

1,2,4-Trichlorobenzene

Concen: 46.530 ng

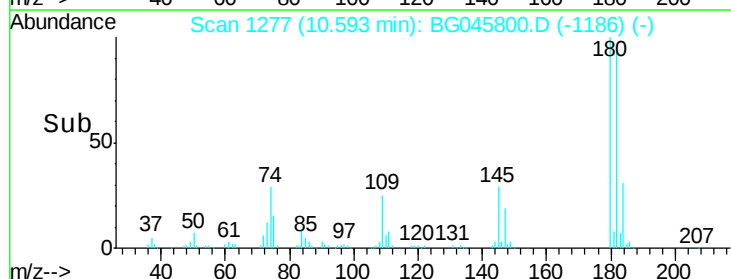
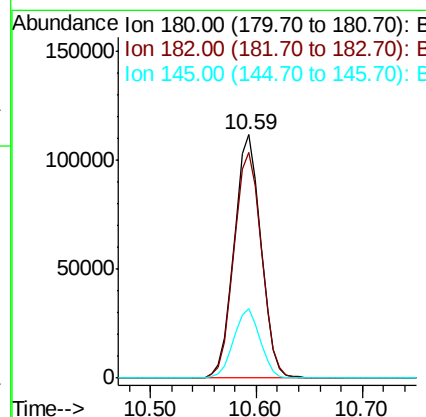
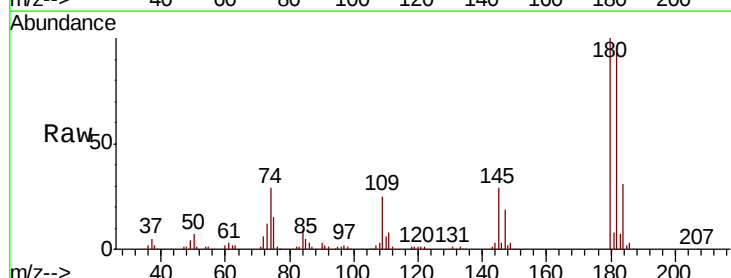
RT: 10.59 min Scan# 1277

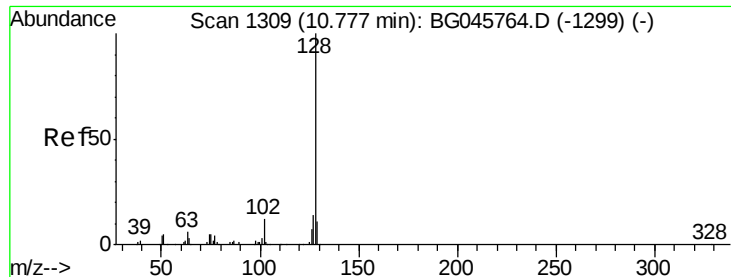
Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:	180	Resp:	195763
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.8	116.6
145	28.7	24.5	36.7





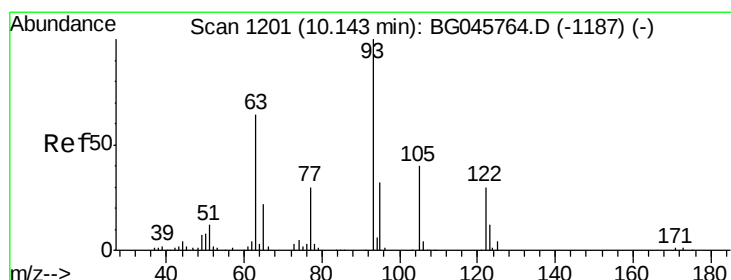
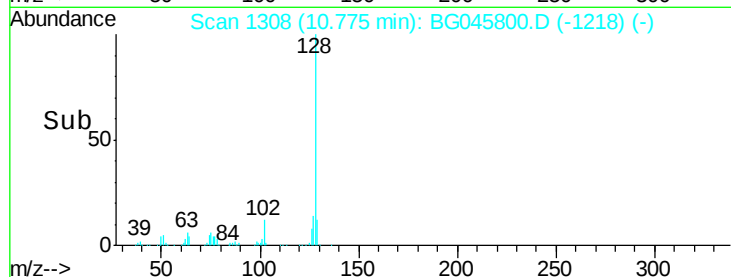
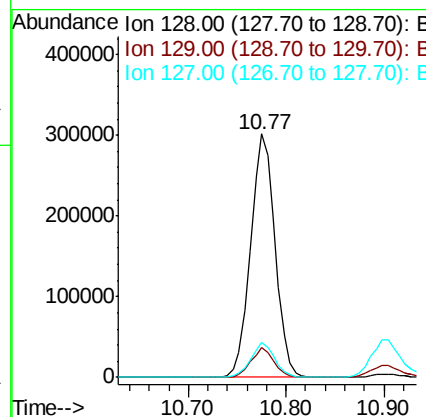
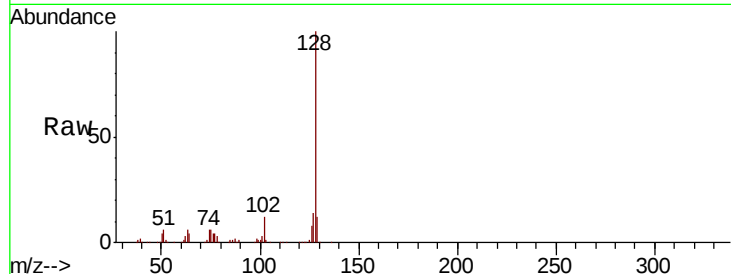
#31
Naphthalene
Concen: 47.197 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	13.0
127	14.2	10.9	16.3

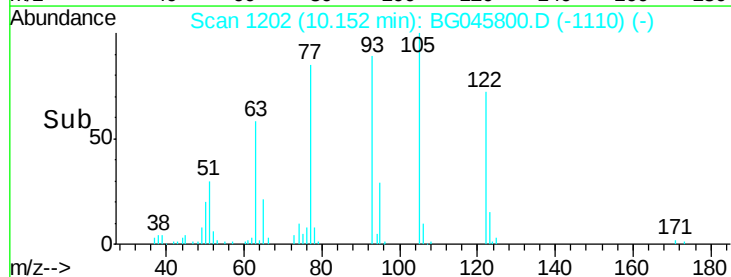
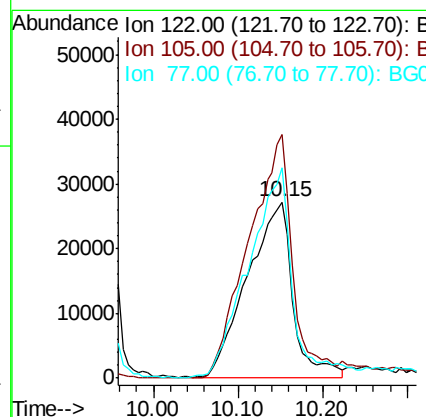
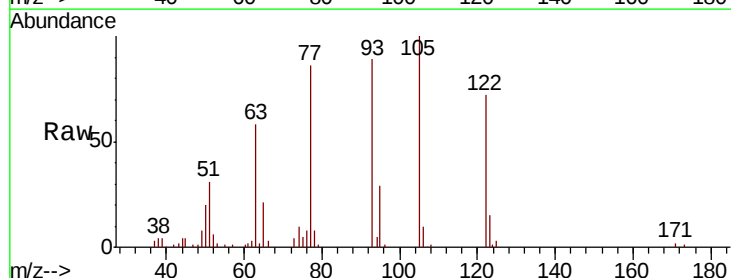
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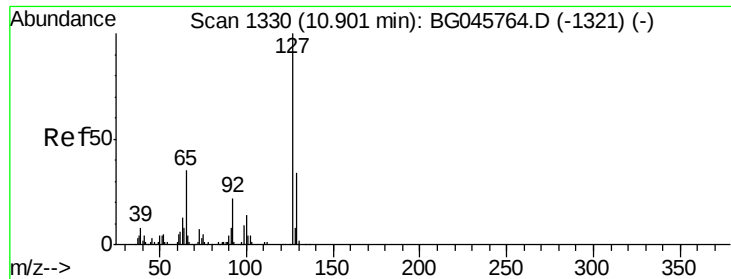
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#32
Benzoic acid
Concen: 50.912 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.1	112.9	152.9
77	119.4	79.2	119.2#





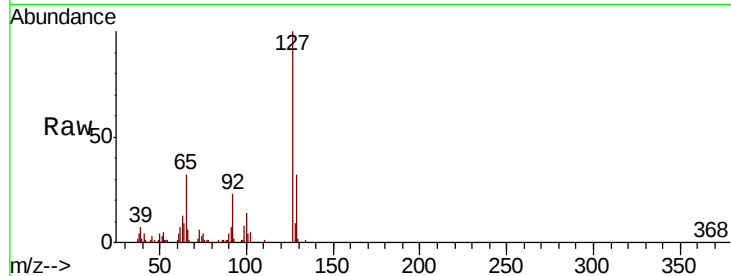
#33
4-Chloroaniline
Concen: 21.199 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

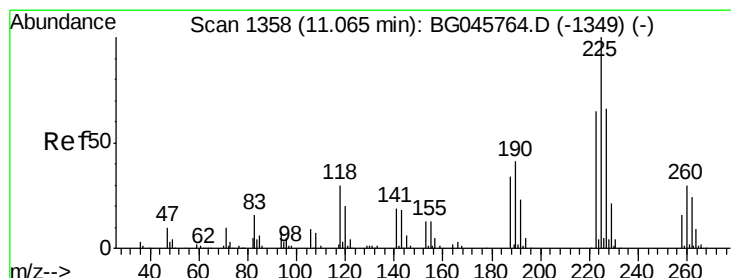
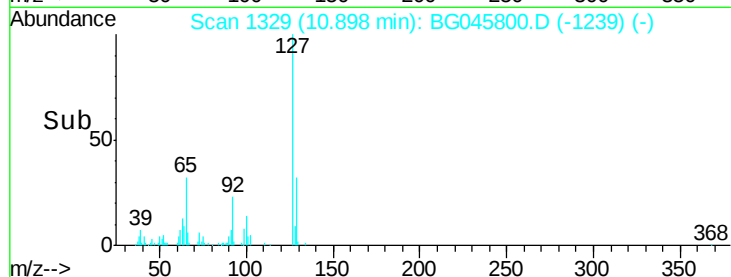
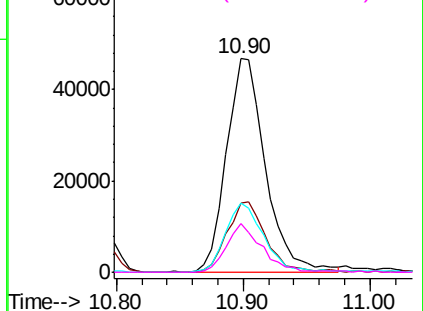
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.8	40.2		
65	32.4	27.8	41.8		
92	22.8	17.3	25.9		

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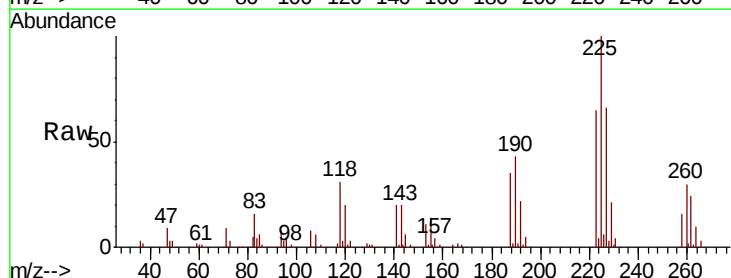


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

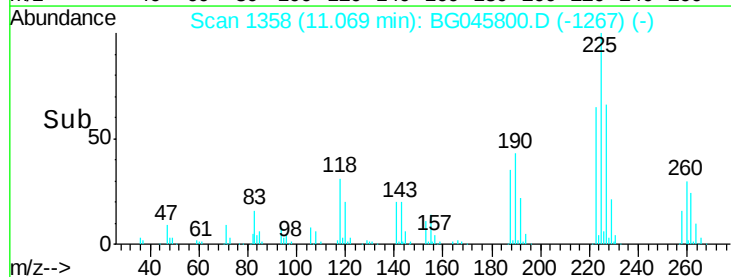
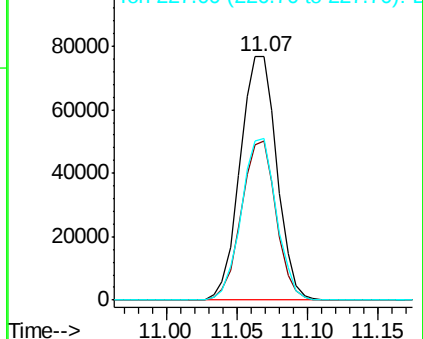


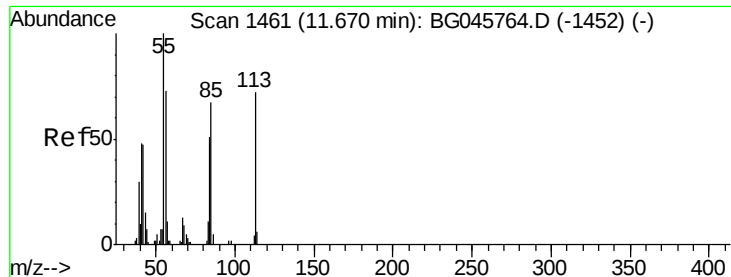
#34
Hexachlorobutadiene
Concen: 46.647 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	52.0	78.0		
227	66.2	52.5	78.7		



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: 52.043 ng/mL

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

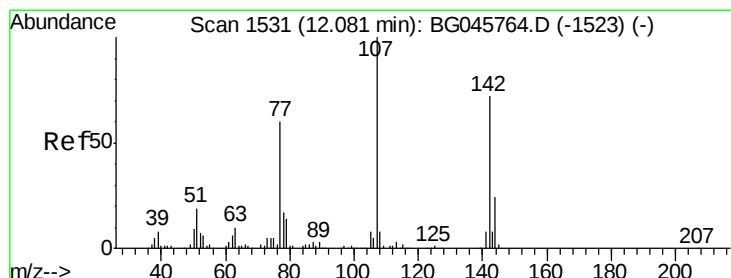
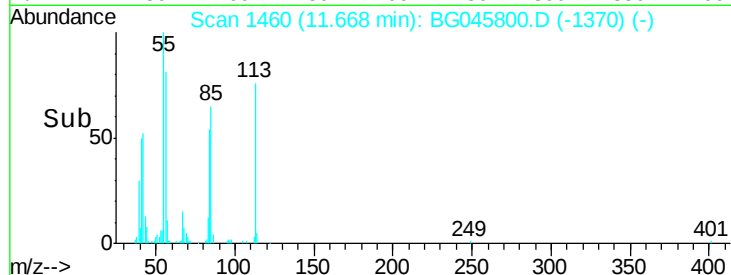
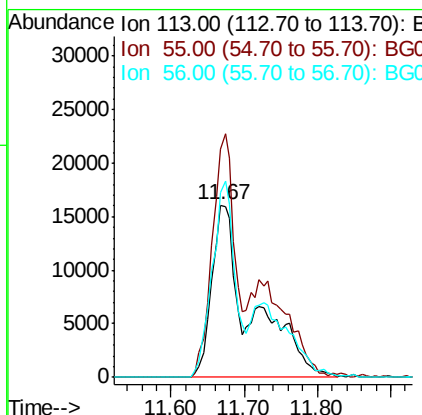
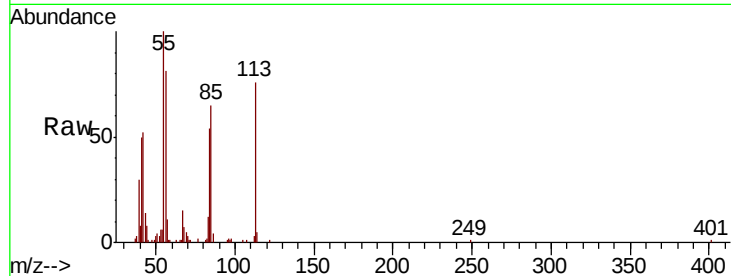
ClientSampleId :

PB129622BS

Tot Ion:	113	Resp:	59852
Ion	Ratio	Lower	Upper
113	100		
55	132.0	119.7	159.7
56	107.0	82.5	122.5

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#36

4-Chloro-3-methylphenol

Concen: 50.961 ng/mL

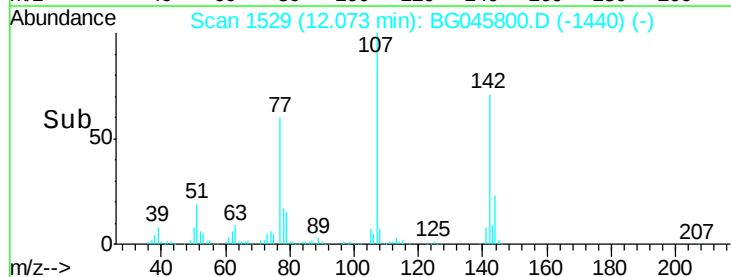
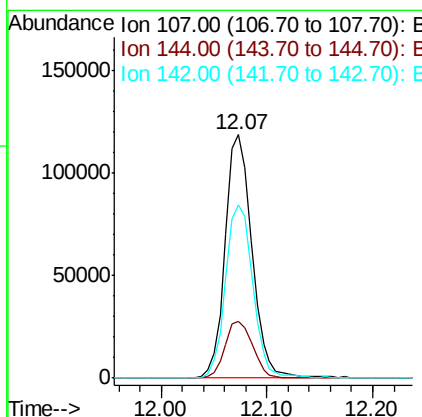
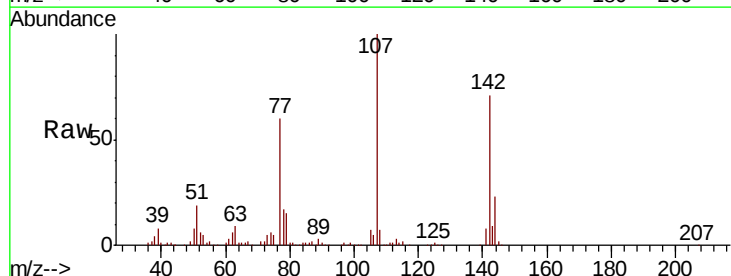
RT: 12.07 min Scan# 1529

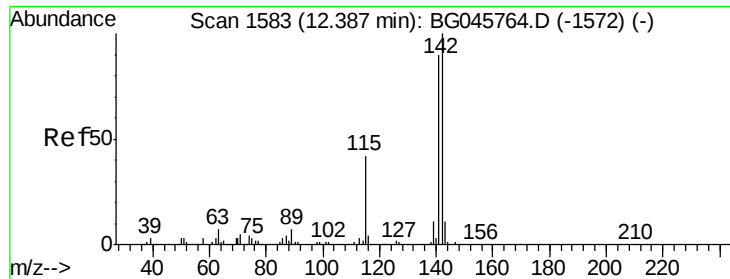
Delta R.T. -0.01 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:	107	Resp:	209110
Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.5	29.3
142	71.4	57.4	86.0





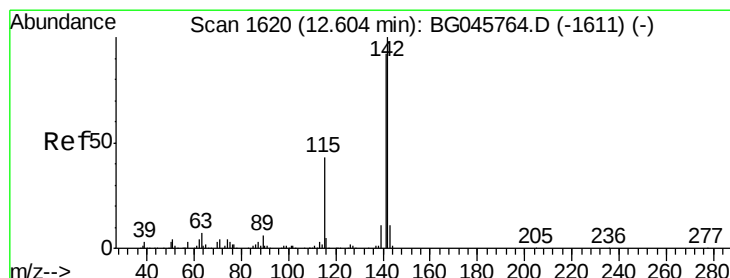
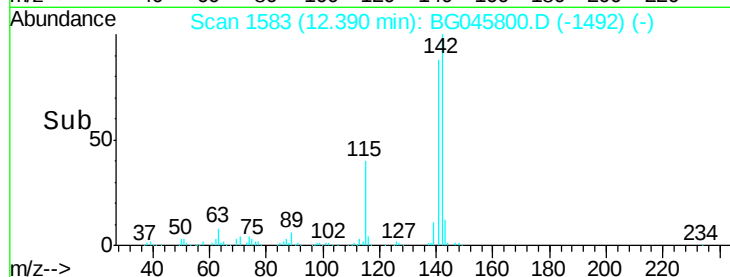
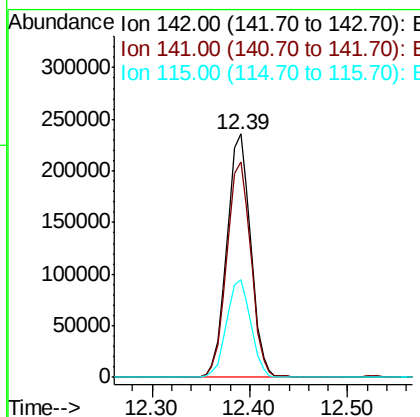
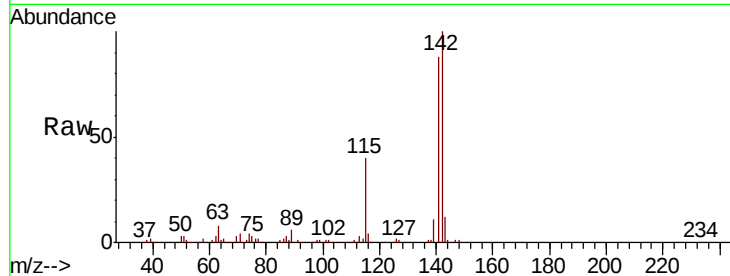
#37
2-Methylnaphthalene
Concen: 47.927 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5
115	39.9	33.8	50.6

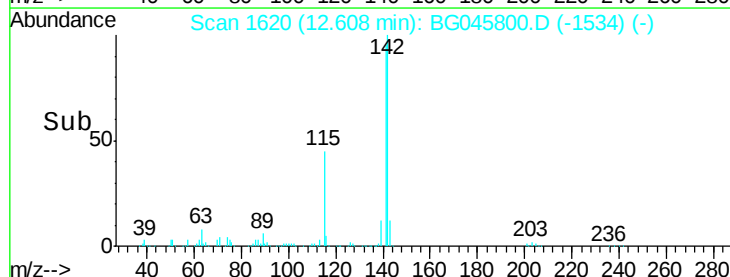
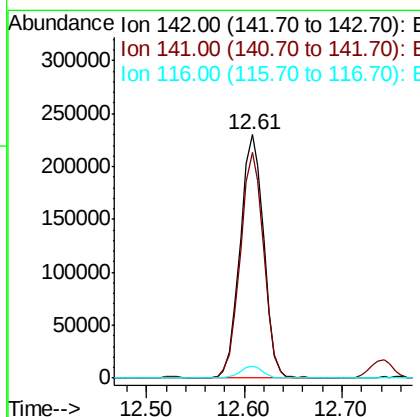
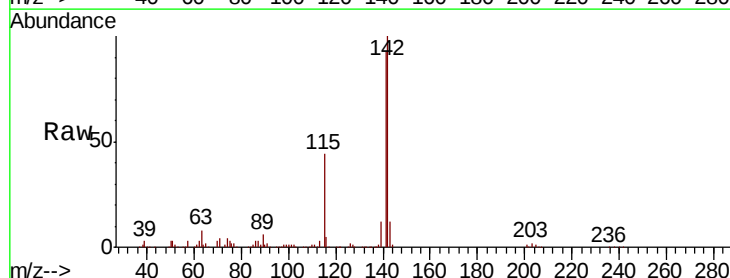
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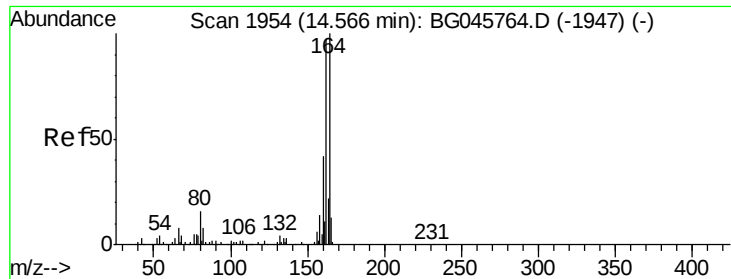
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#38
1-Methylnaphthalene
Concen: 48.891 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.8	110.8
116	5.0	3.8	5.8





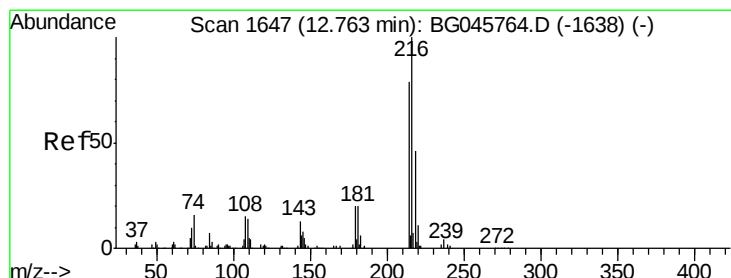
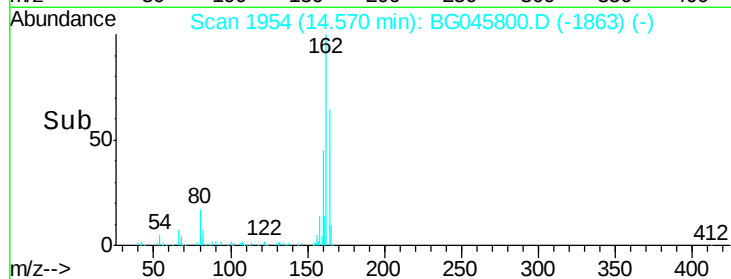
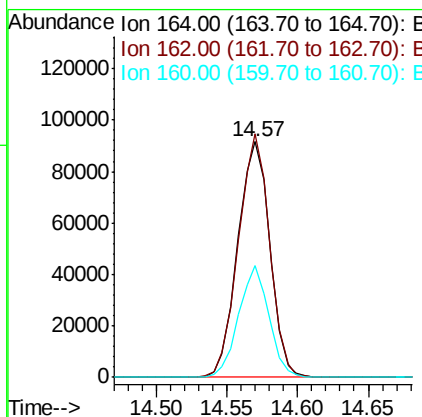
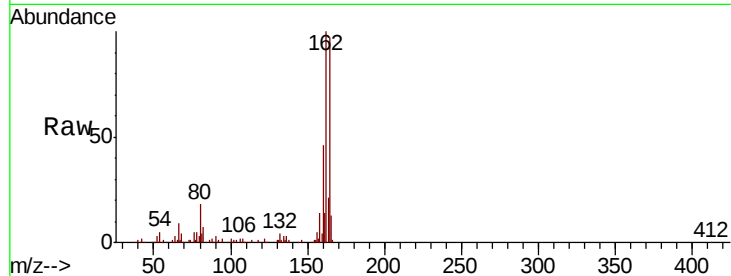
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	77.4	116.0
160	47.3	33.3	49.9

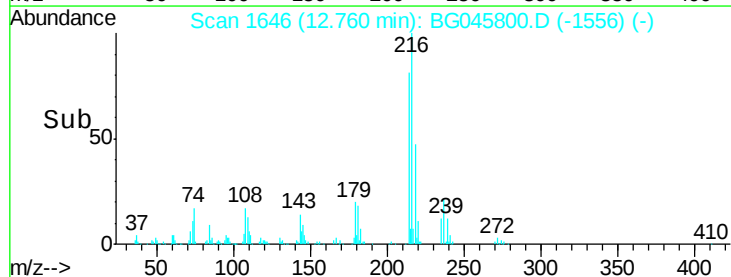
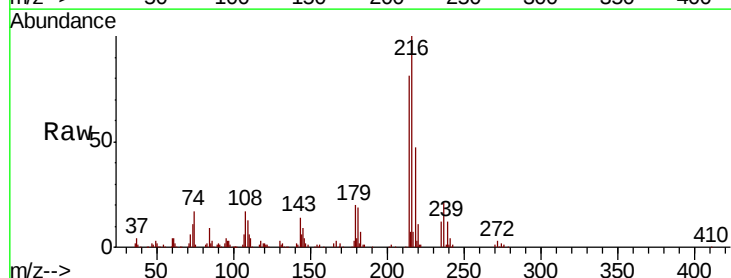
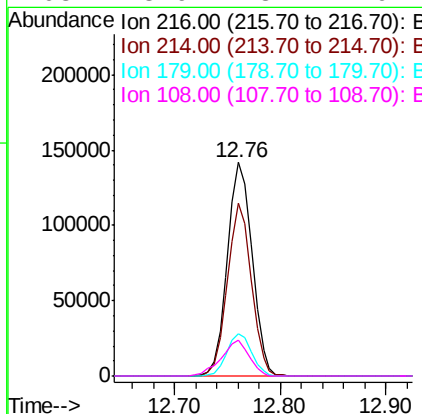
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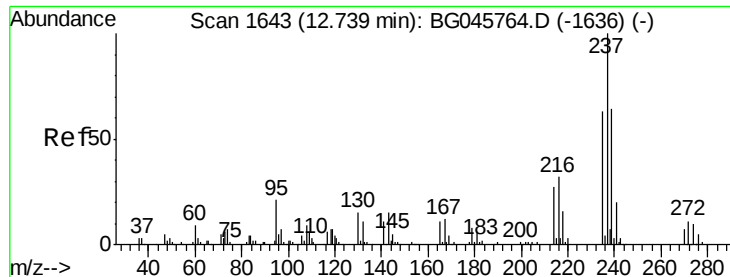
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.915 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	19.8	16.2	24.4
108	18.9	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 99.208 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

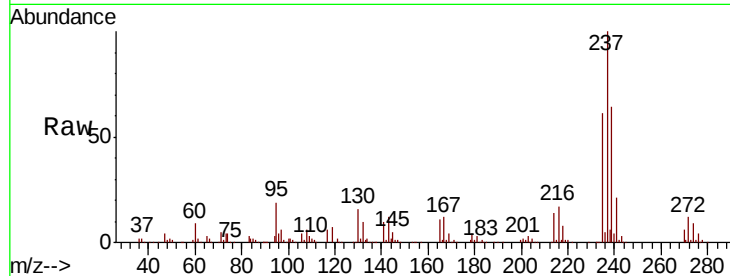
ClientSampleId :

PB129622BS

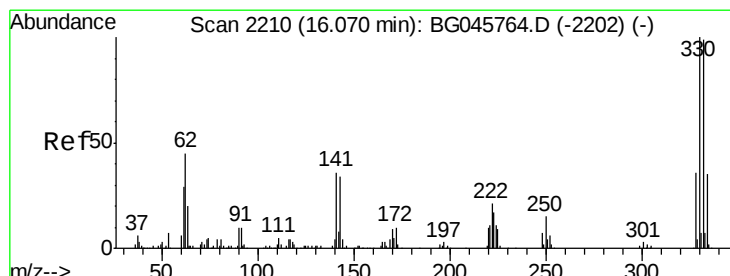
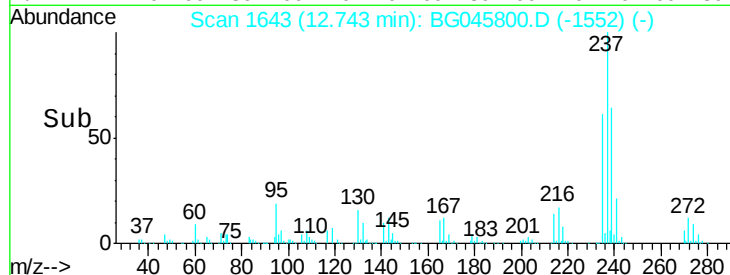
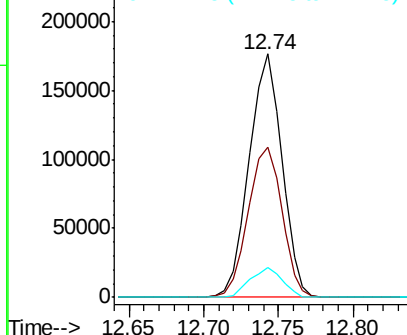
Tot Ion:	237	Resp:	268112
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.9	82.9
272	12.5	0.0	30.9

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



#42

2,4,6-Tribromophenol

Concen: 137.954 ng

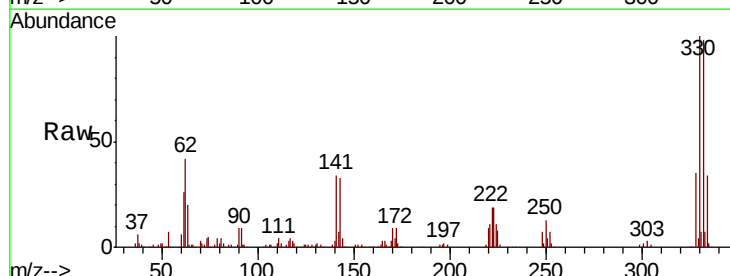
RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

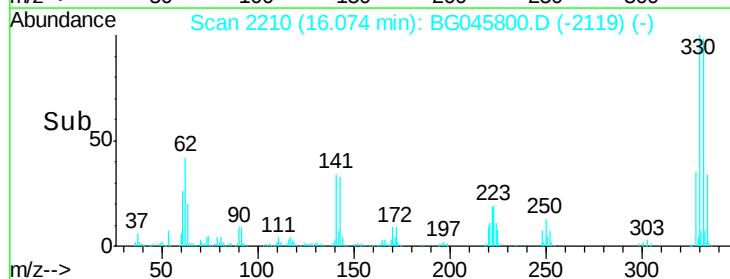
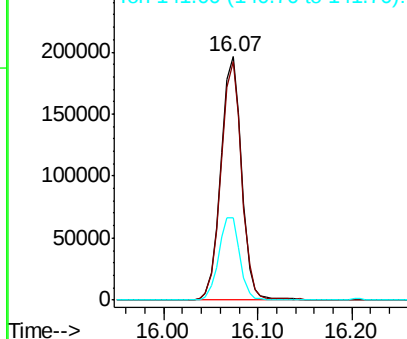
Lab File: BG045800.D

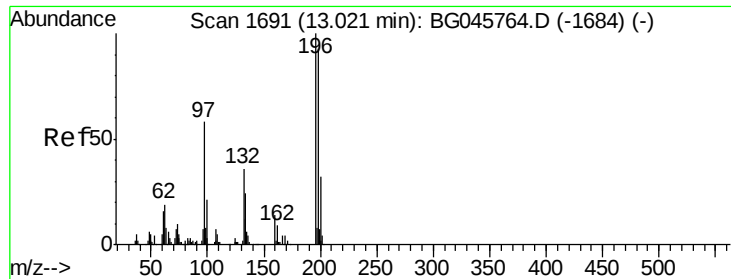
Acq: 18 Jun 2020 19:41

Tgt Ion:	330	Resp:	302577
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.6	117.8
141	34.6	28.2	42.4



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





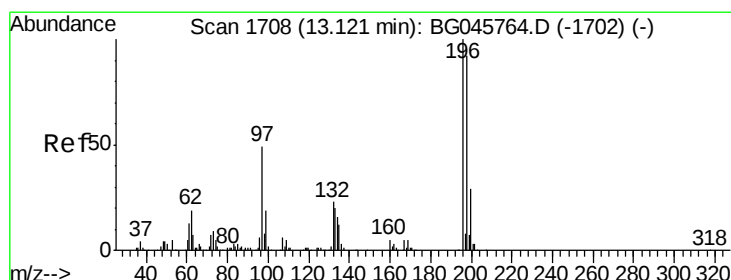
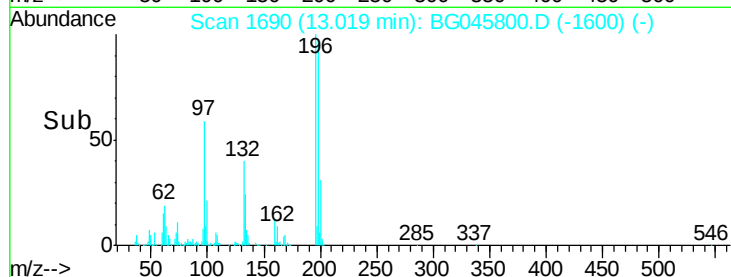
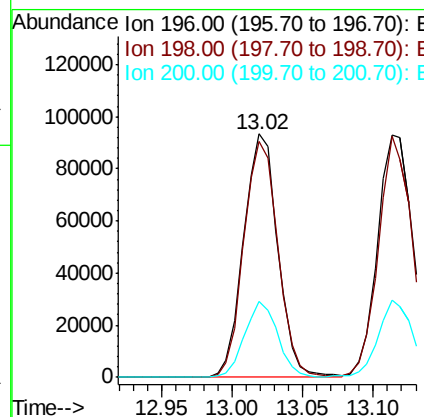
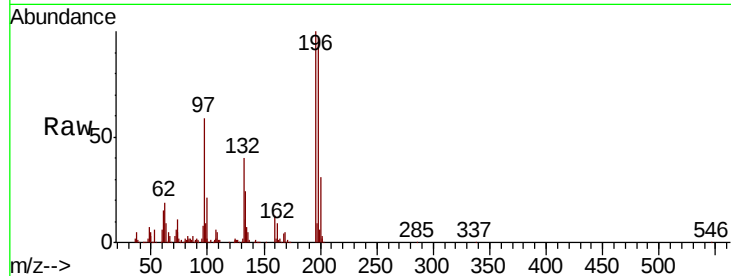
#43
 2,4,6-Trichlorophenol
 Concen: 49.030 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159021		
198	96.9	74.4	111.6	
200	31.3	25.4	38.2	

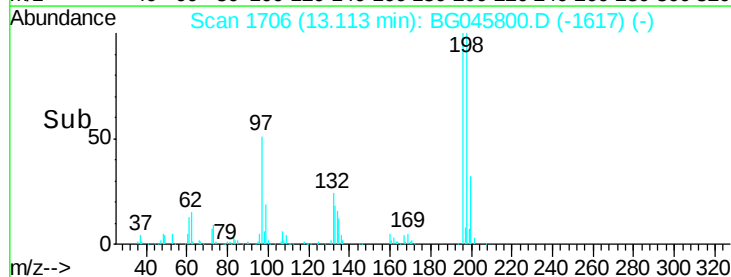
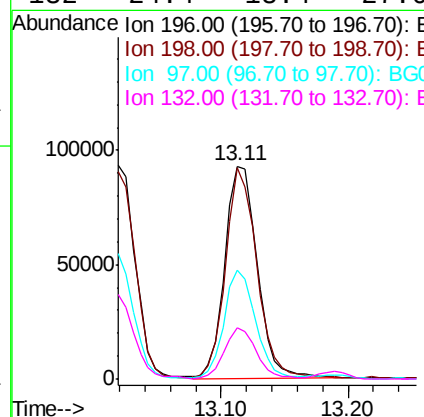
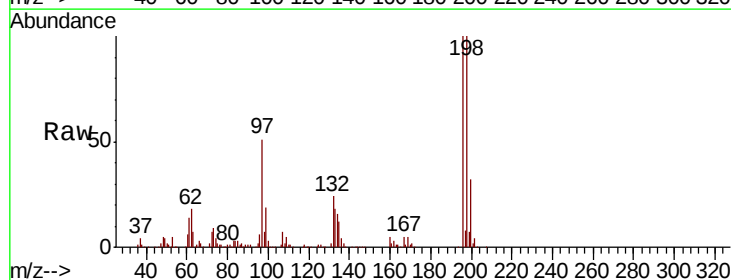
Manual Integrations
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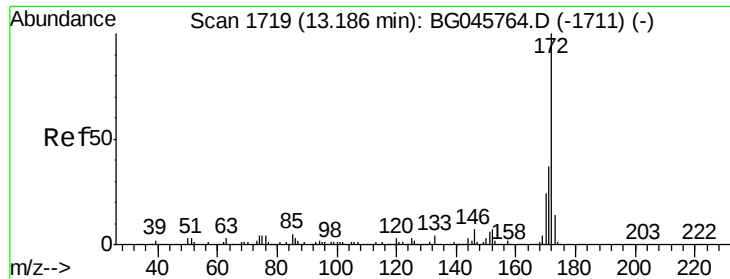
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.582 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164798		
198	99.6	74.0	111.0	
97	51.2	39.0	58.6	
132	24.4	18.4	27.6	





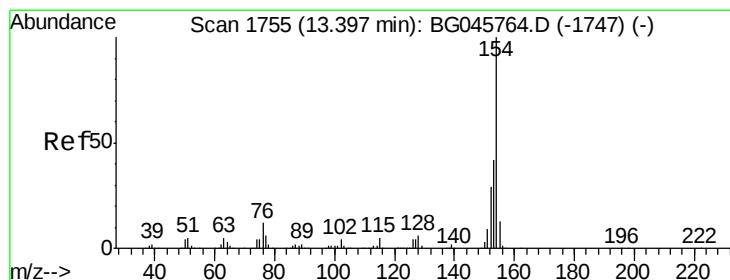
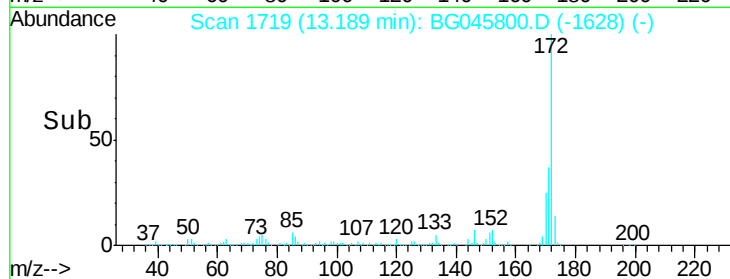
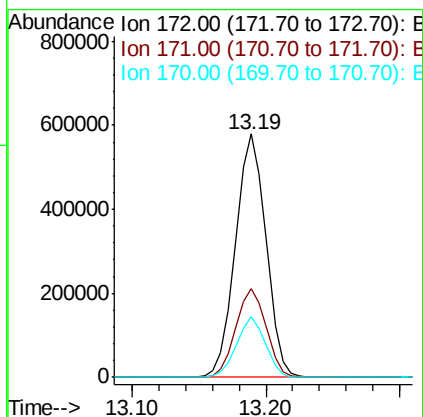
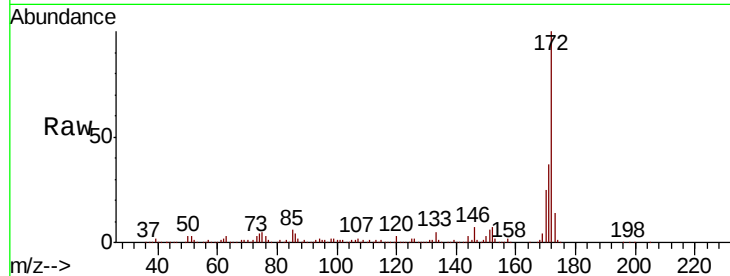
#45
2-Fluorobiphenyl
Concen: 92.613 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.7	19.3	28.9

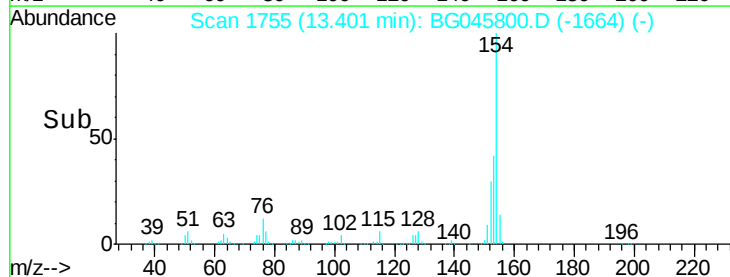
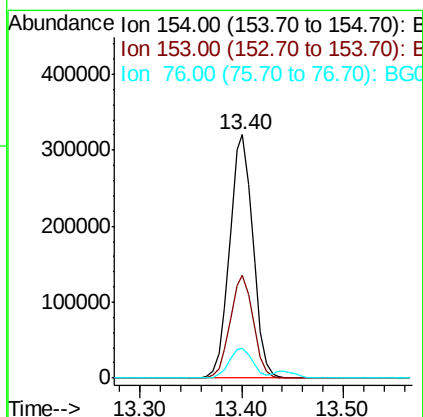
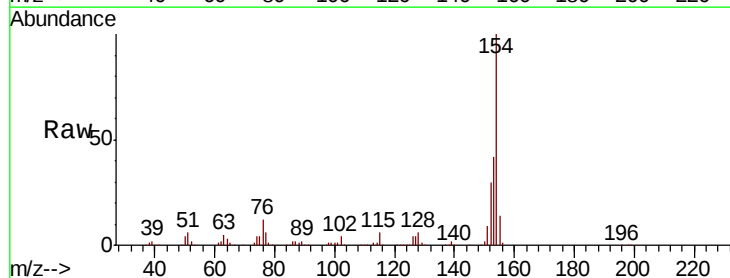
Manual Integrations
APPROVED

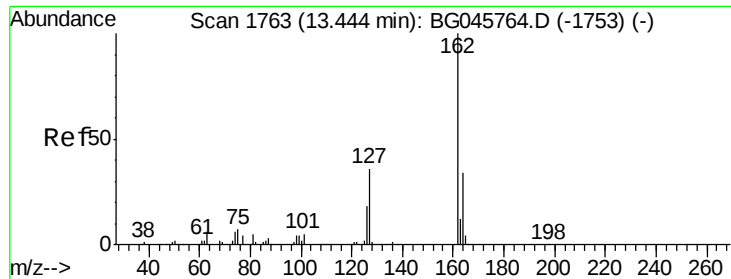
mohammad
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#46
1,1'-Biphenyl
Concen: 48.880 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.7	61.7
76	12.4	0.0	32.0





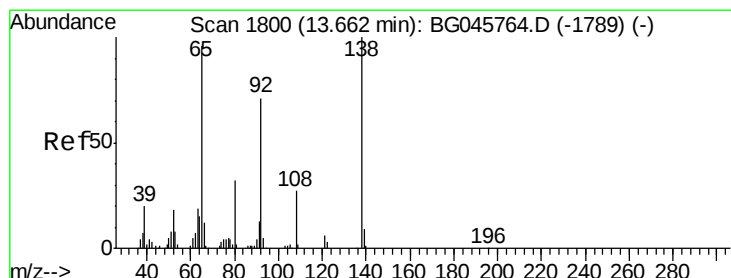
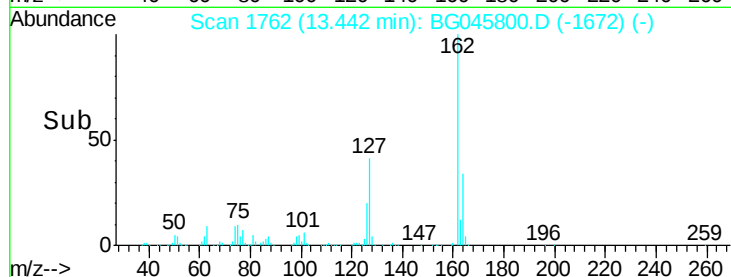
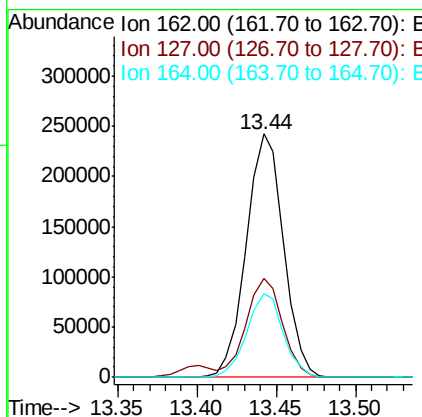
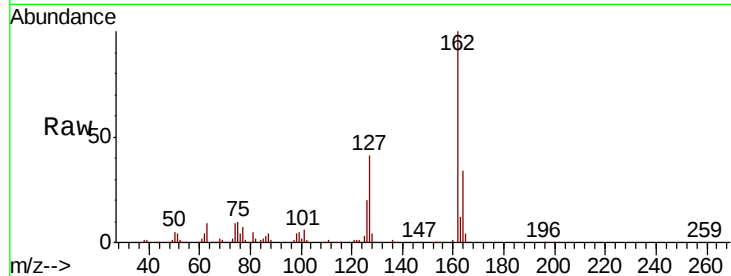
#47
2-Chloronaphthalene
Concen: 47.135 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.5	45.7
164	34.2	27.2	40.8

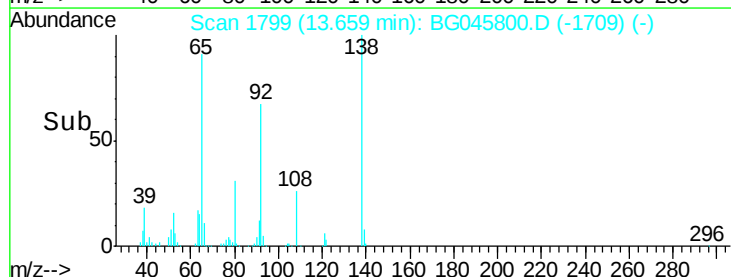
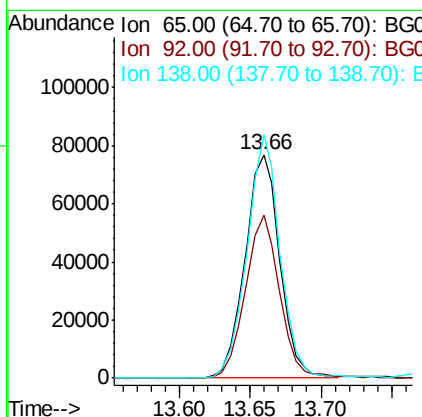
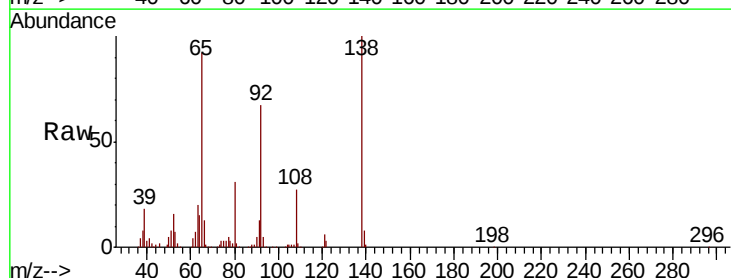
Manual Integrations
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#48
2-Nitroaniline
Concen: 47.510 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	59.0	88.6
138	109.1	83.6	125.4





#49

Acenaphthylene

Concen: 47.937 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

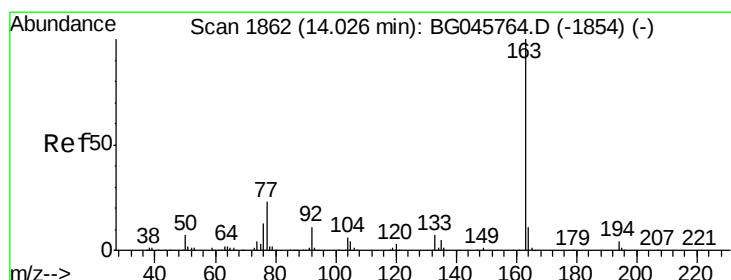
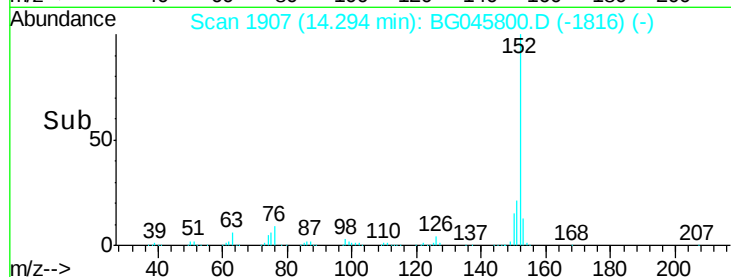
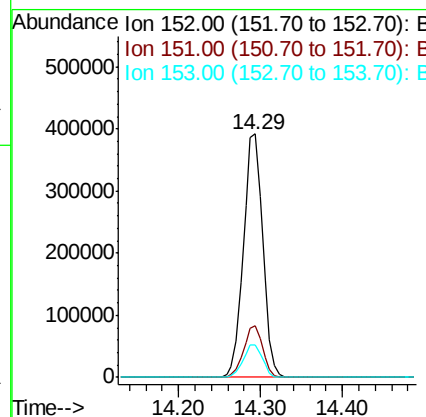
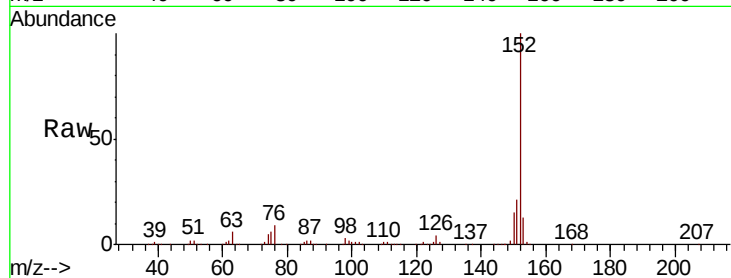
ClientSampleId :

PB129622BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.3	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.664 ng

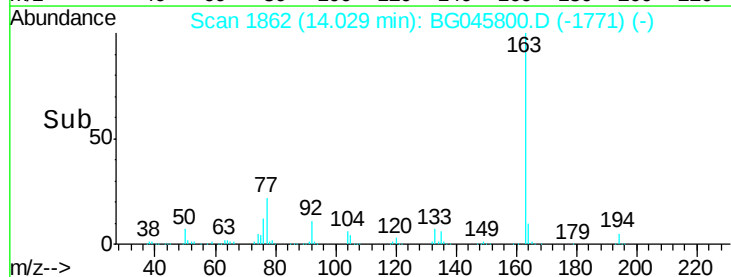
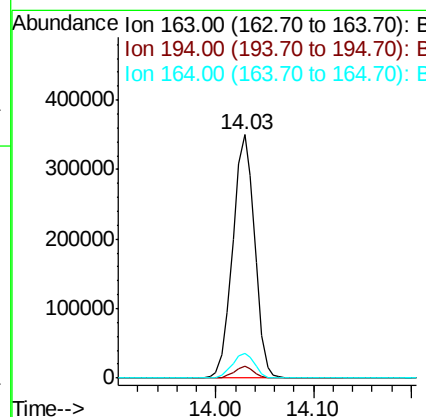
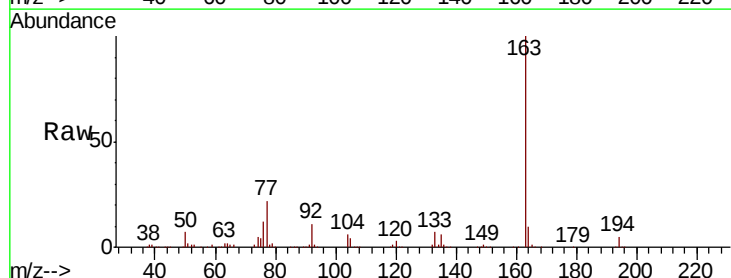
RT: 14.03 min Scan# 1862

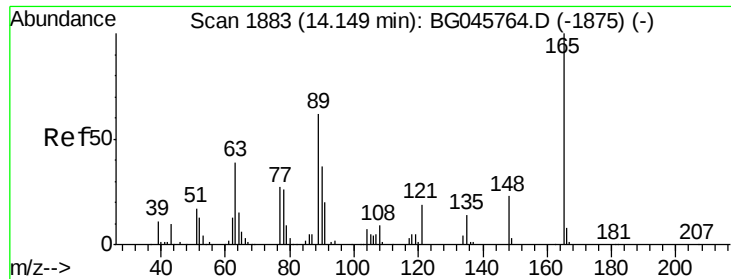
Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.3	8.9	13.3





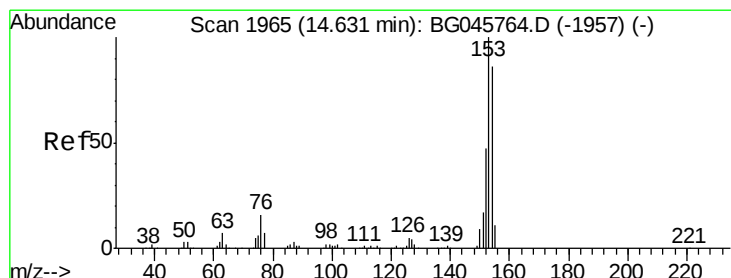
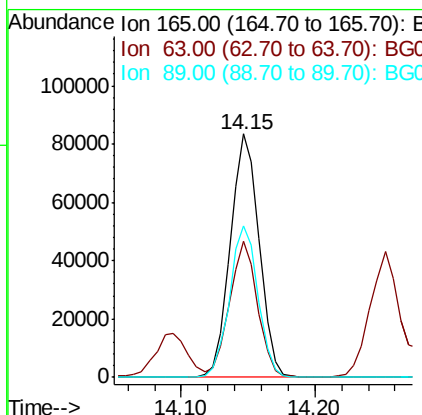
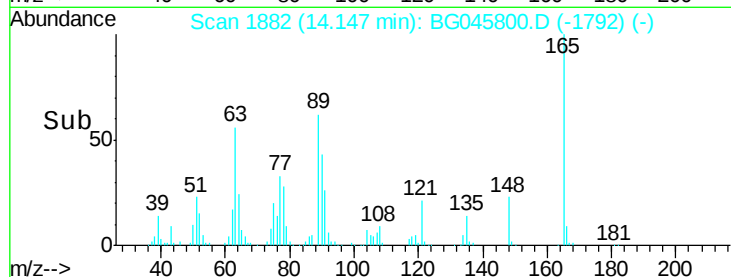
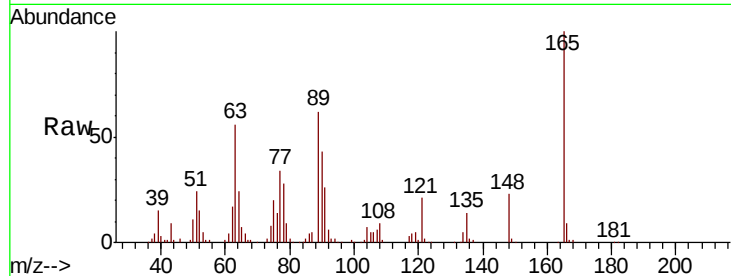
#51
2,6-Dinitrotoluene
Concen: 49.037 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125350		
63	55.8	41.2	61.8	
89	62.1	49.7	74.5	

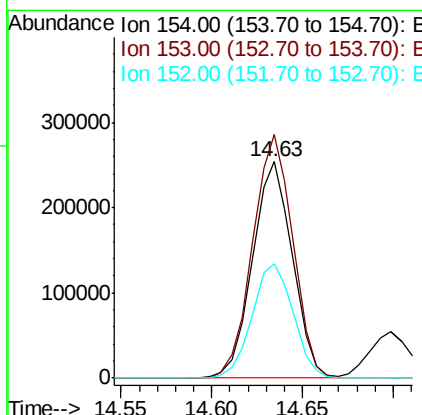
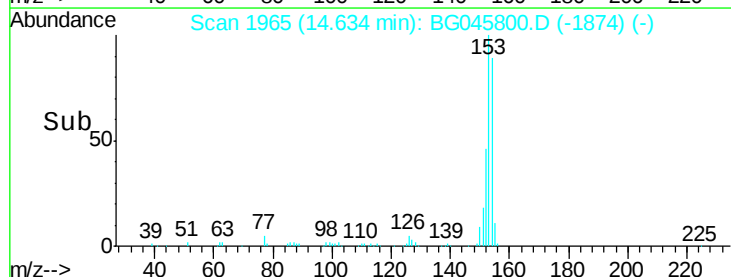
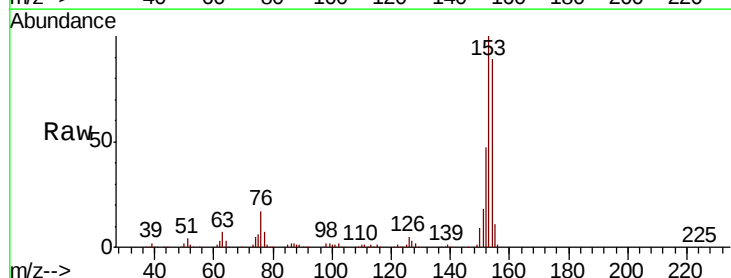
Manual Integrations
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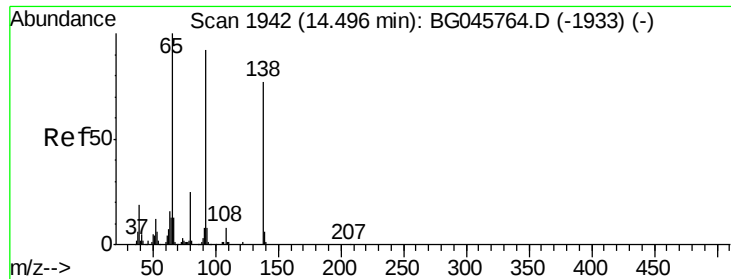
mohammad
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#52
Acenaphthene
Concen: 47.473 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	387250		
153	112.5	93.0	139.4	
152	53.0	43.7	65.5	





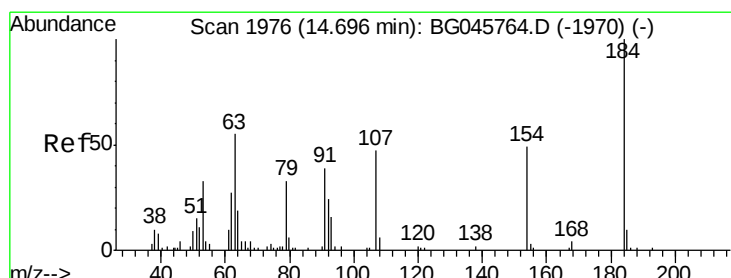
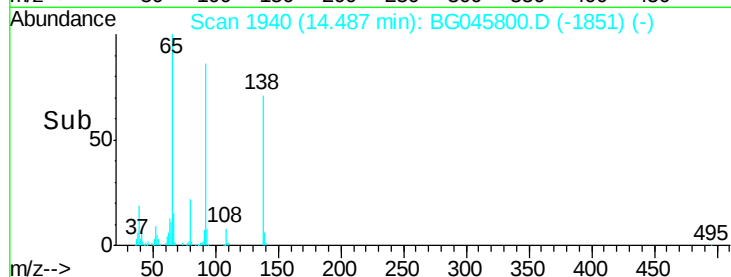
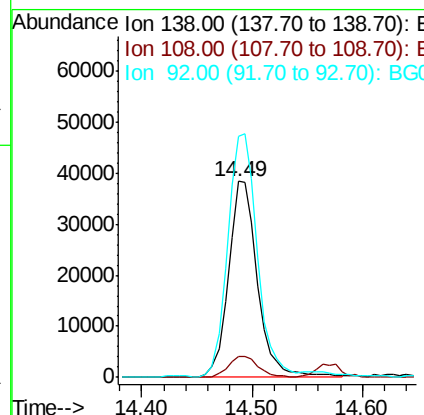
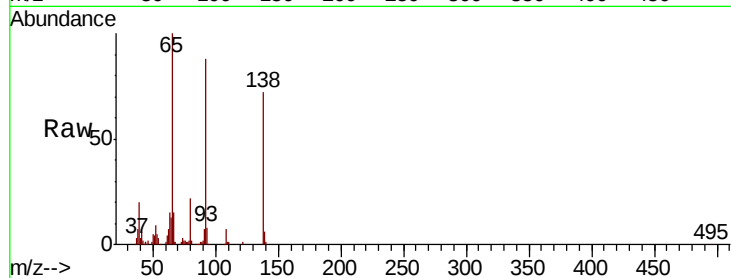
#53
3-Nitroaniline
Concen: 27.627 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.4	12.6
92	123.0	95.6	143.4

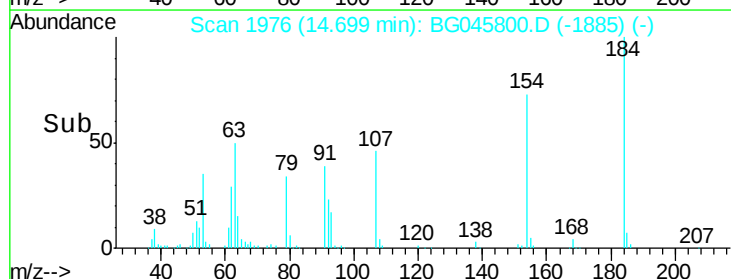
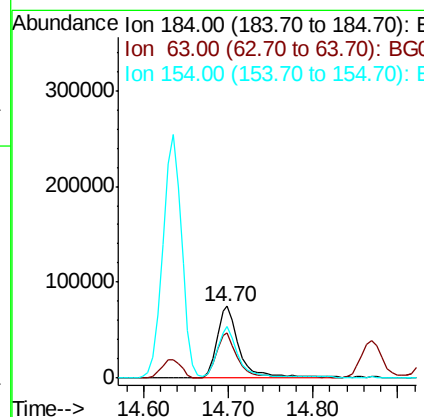
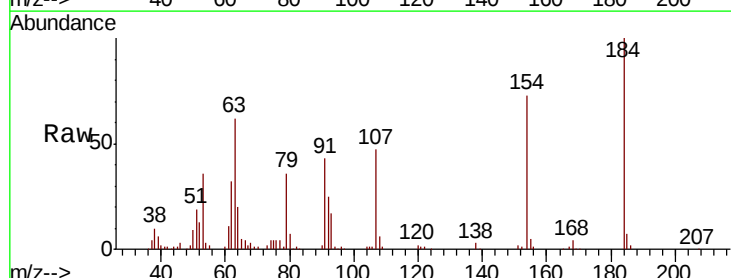
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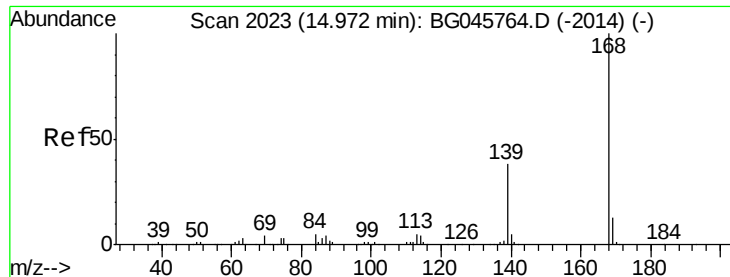
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#54
2,4-Dinitrophenol
Concen: 97.351 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	46.6	70.0
154	72.6	58.6	87.8





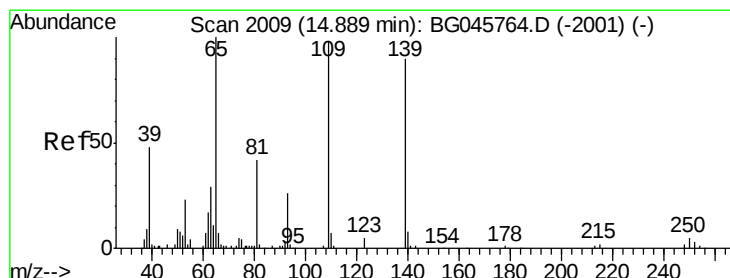
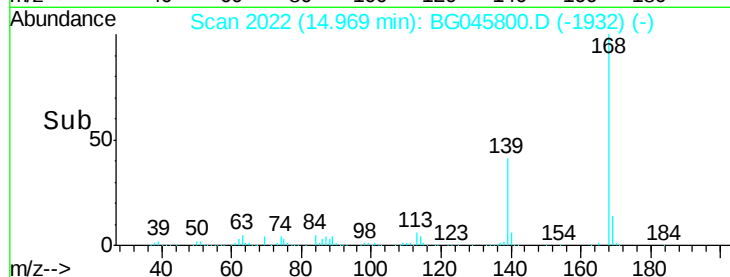
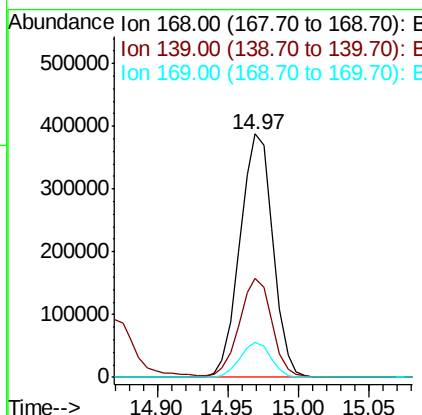
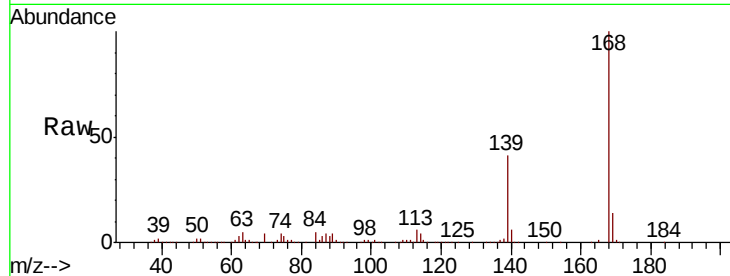
#55
Dibenzenofuran
Concen: 47.727 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampled :
PB129622BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.8	47.6
169	14.2	10.4	15.6

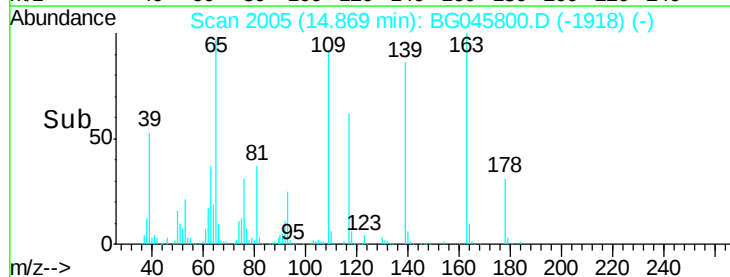
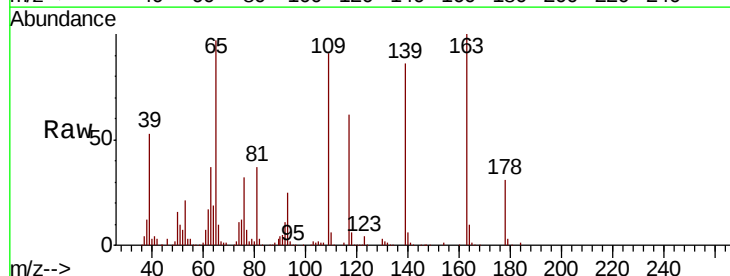
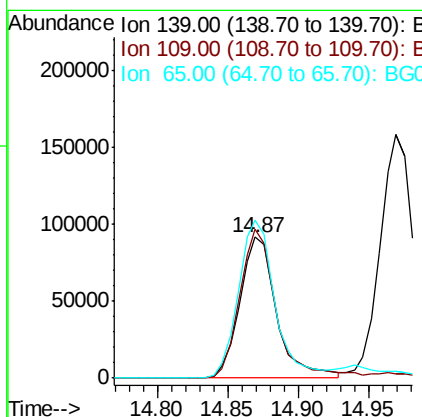
Manual Integrations
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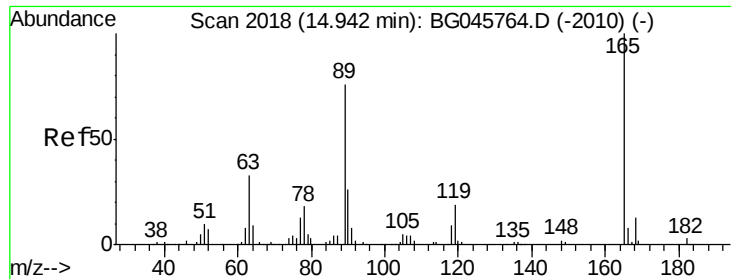
mohammad
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#56
4-Nitrophenol
Concen: 90.608 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.6	88.9	128.9
65	112.2	92.3	132.3





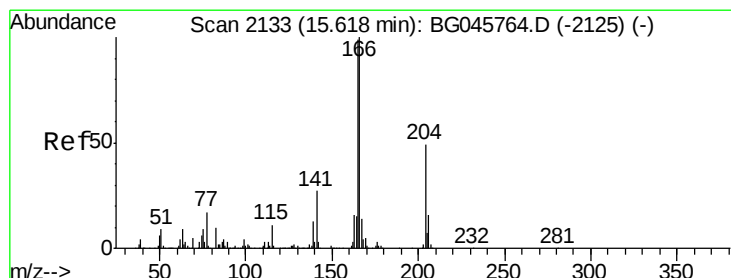
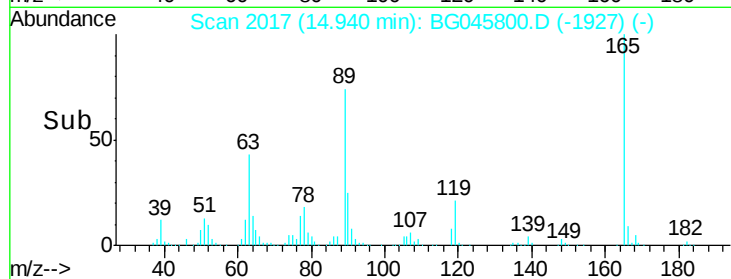
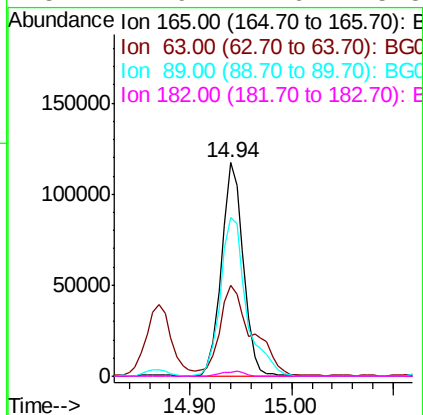
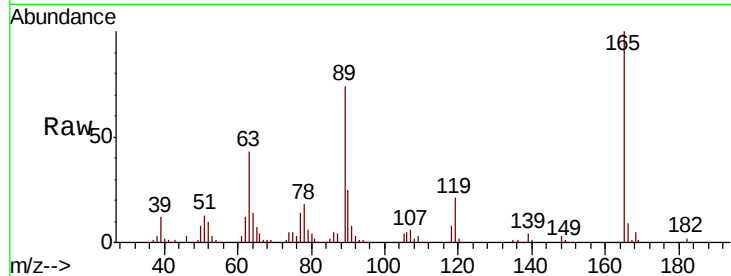
#57
2,4-Dinitrotoluene
Concen: 47.785 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.6	33.8	50.8
89	74.1	60.4	90.6
182	1.9	2.6	3.8

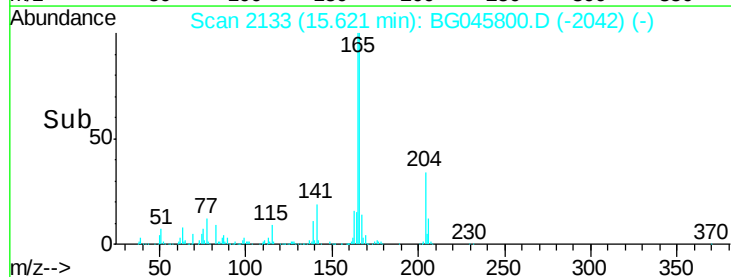
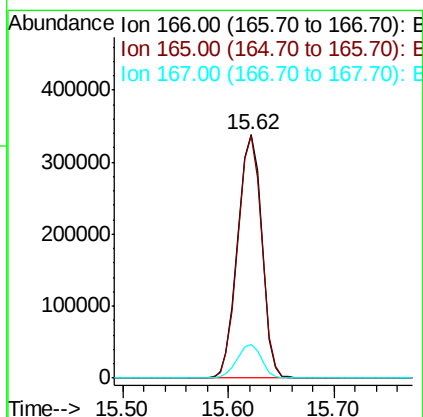
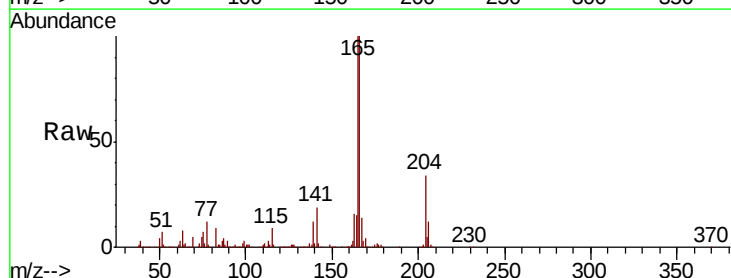
Manual Integrations
APPROVED

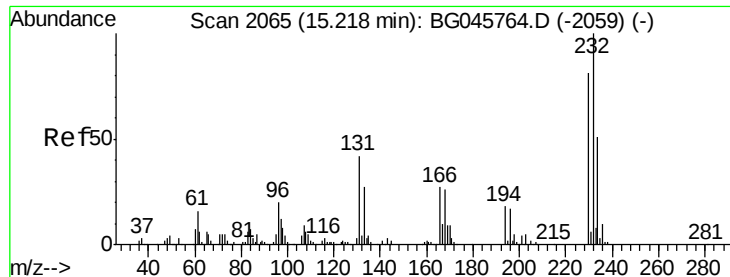
mohammad
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#58
Fluorene
Concen: 48.419 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.6	79.1	118.7
167	13.7	11.5	17.3





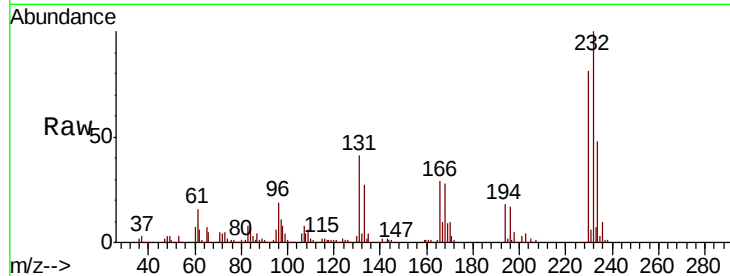
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.818 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	159831		
131	41.7	32.2	48.2	
130	2.5	2.2	3.4	
166	28.7	21.3	31.9	

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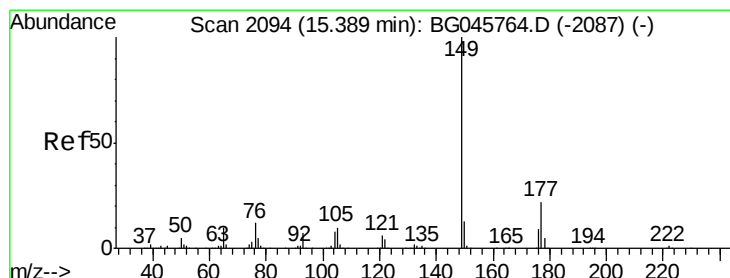
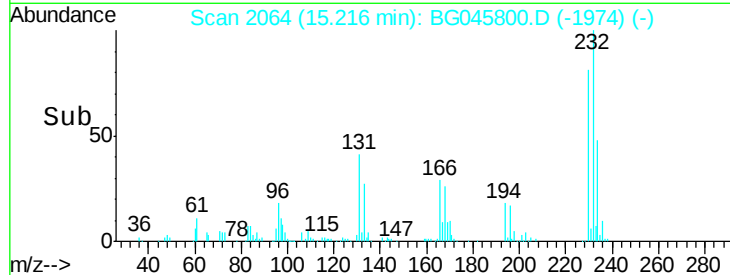
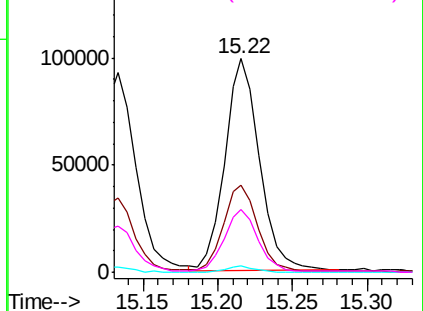
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

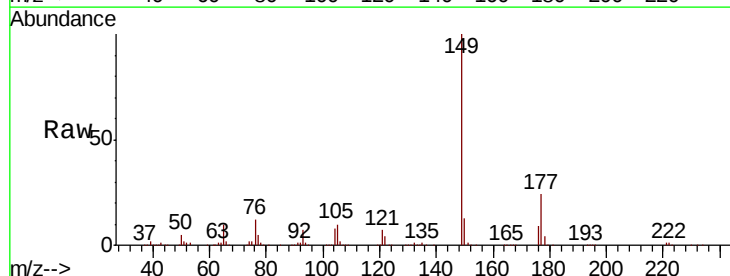
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 47.969 ng
RT: 15.39 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	558095		
177	24.1	17.2	25.8	
150	13.3	10.7	16.1	

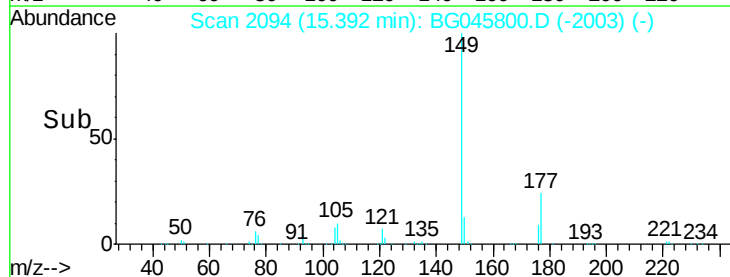
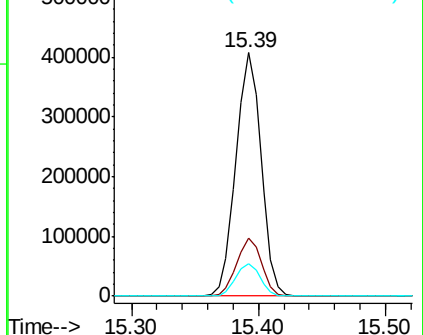


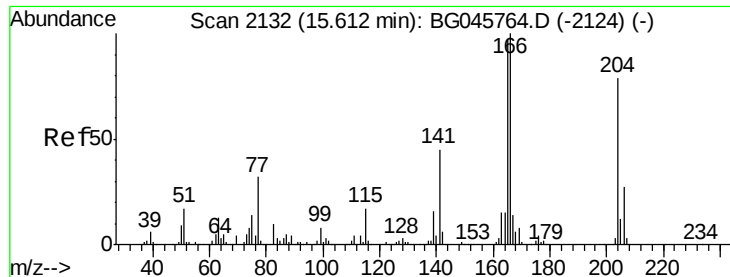
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





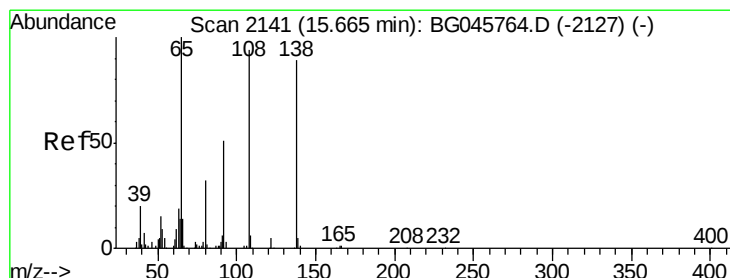
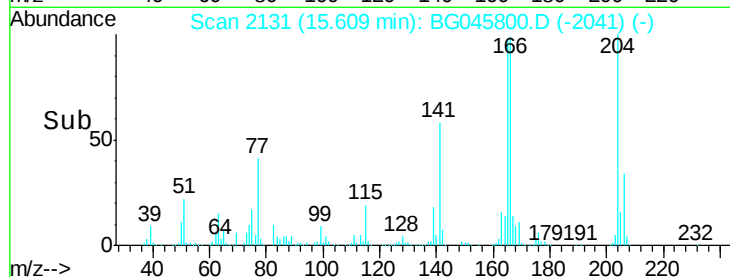
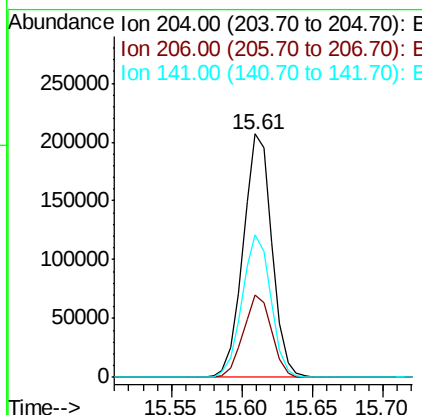
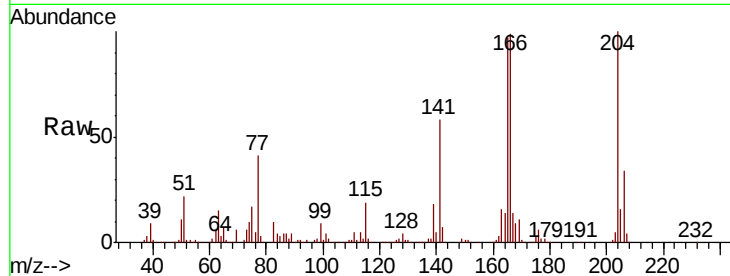
#61
4-Chlorophenyl-phenylether
Concen: 46.256 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampled :
PB129622BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.2	40.8
141	58.5	45.9	68.9

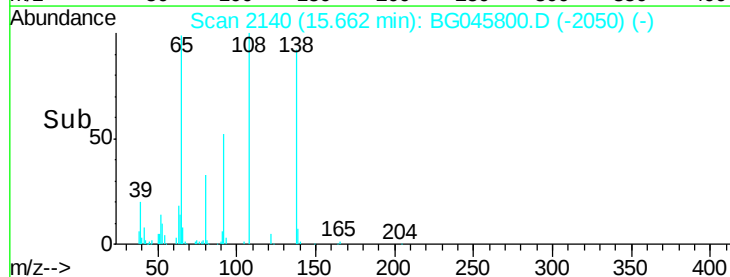
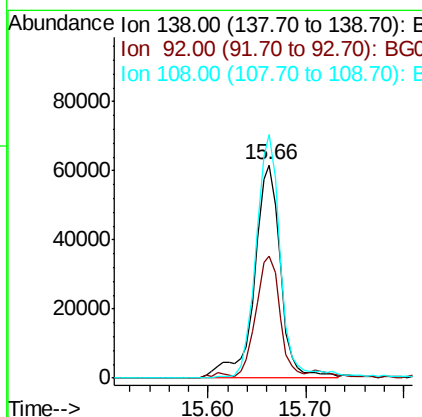
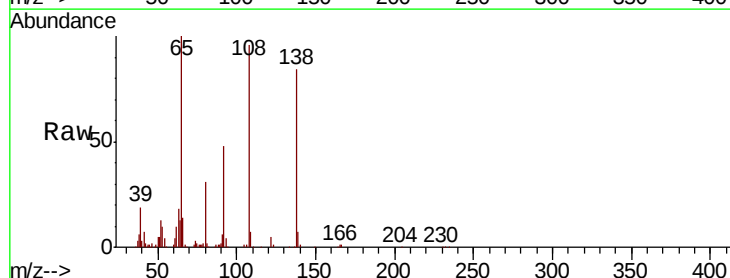
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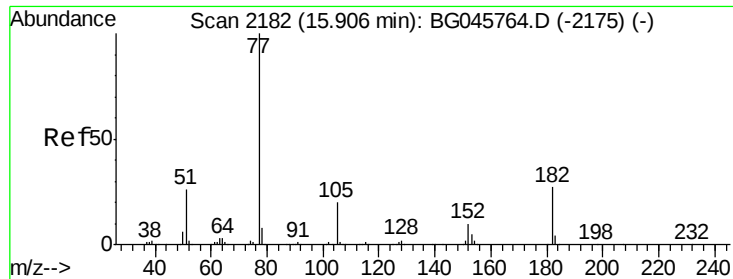
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#62
4-Nitroaniline
Concen: 44.388 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	37.3	77.3
108	114.3	85.0	125.0





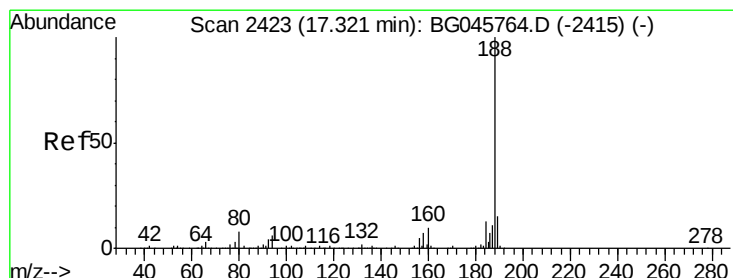
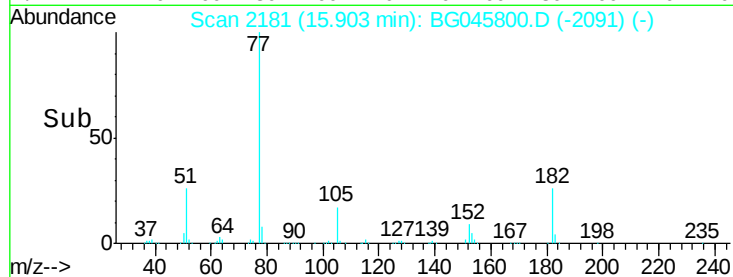
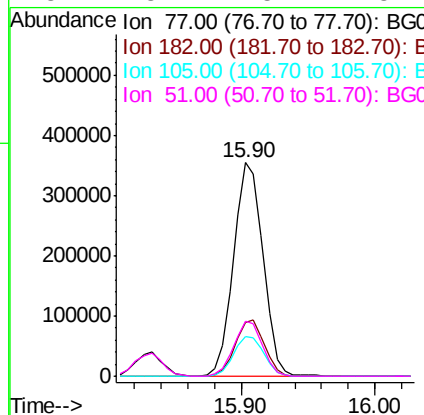
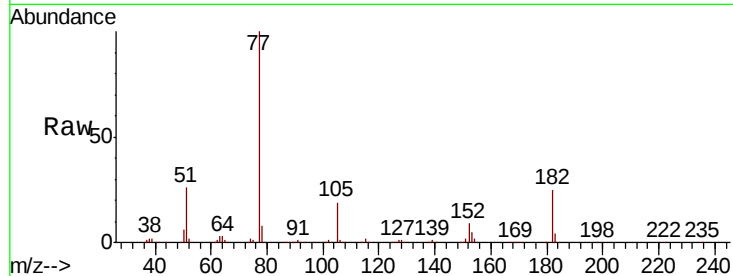
#63
Azobenzene
Concen: 48.591 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.4	7.4	47.4		
105	18.6	0.1	40.1		
51	25.7	5.7	45.7		

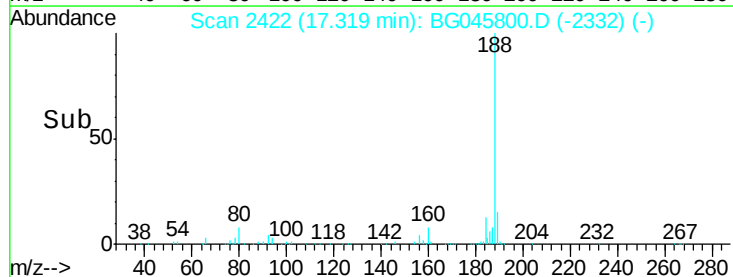
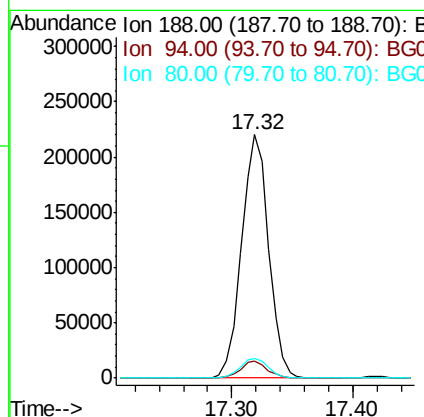
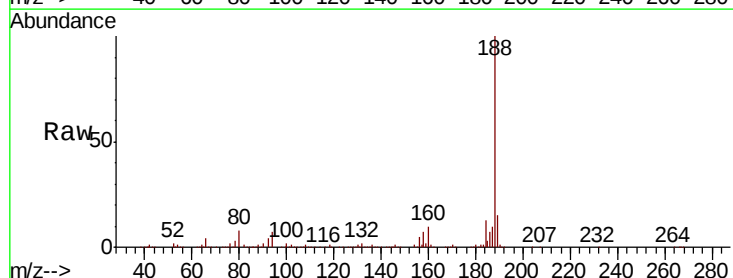
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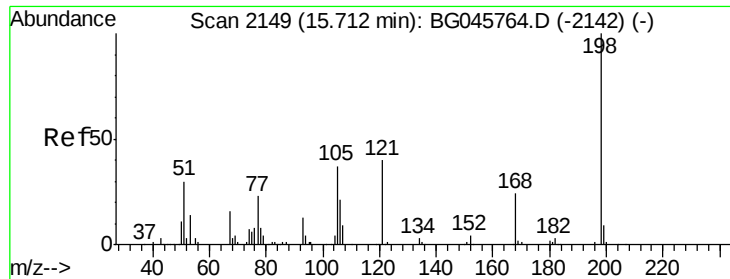
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.9	5.1	7.7		
80	8.1	6.2	9.4		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.015 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

ClientSampleId :

PB129622BS

Tot Ion:198 Resp: 110422

Ion Ratio Lower Upper

198 100

51 35.9 14.6 54.6

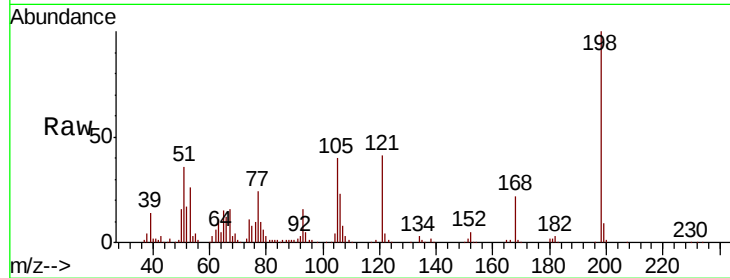
105 39.9 18.4 58.4

Manual Integrations

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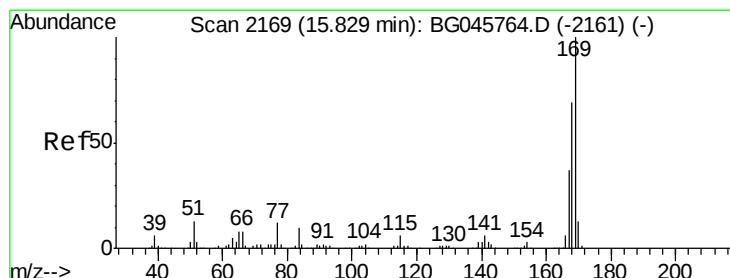
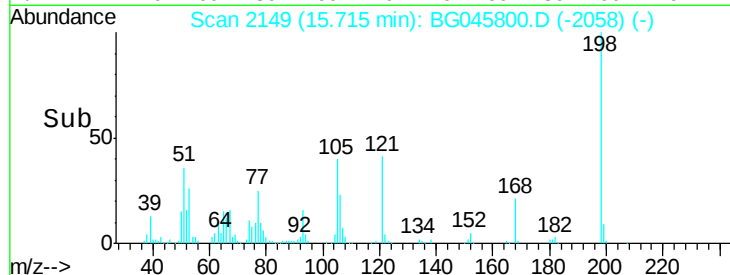
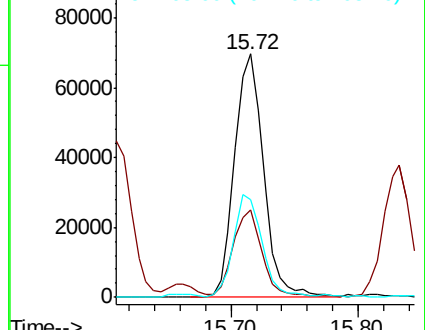
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.959 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

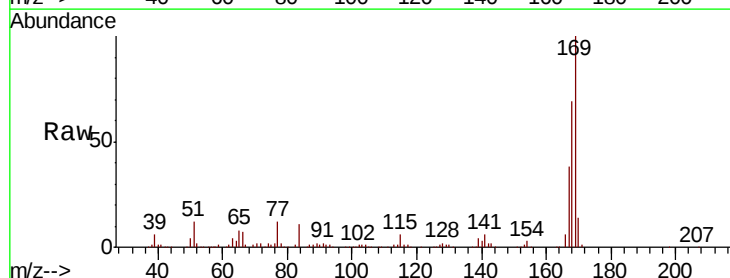
Tgt Ion:169 Resp: 466629

Ion Ratio Lower Upper

169 100

168 69.4 55.2 82.8

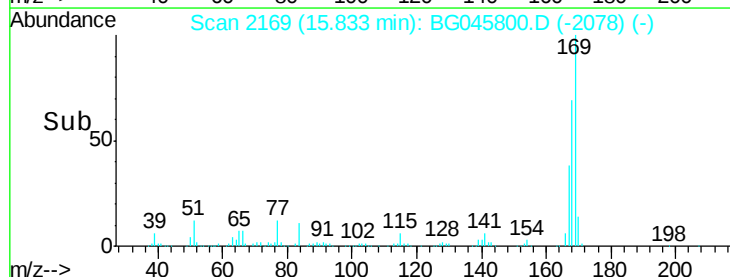
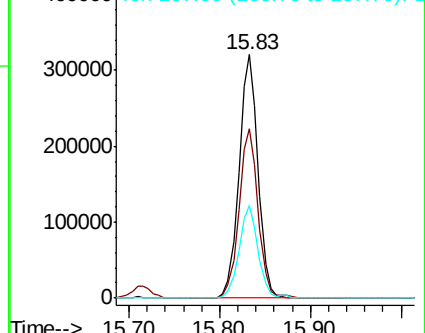
167 38.0 29.8 44.6

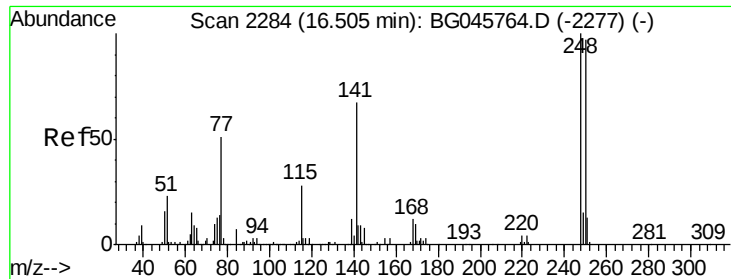


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





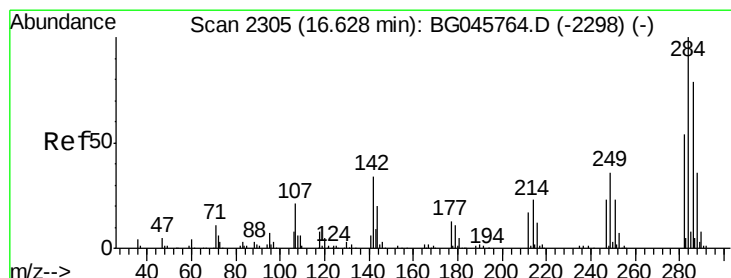
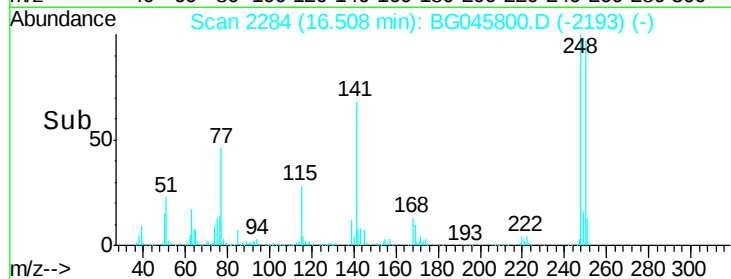
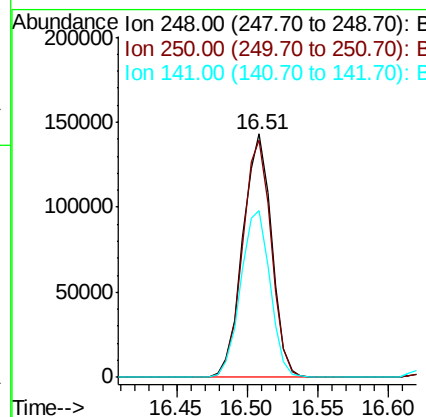
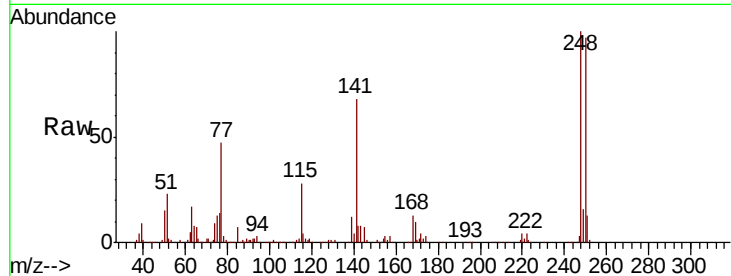
#67
 4-Bromophenyl-phenylether
 Concen: 45.857 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

Tot Ion:	248	Resp:	204684
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.0	117.0
141	68.5	53.9	80.9

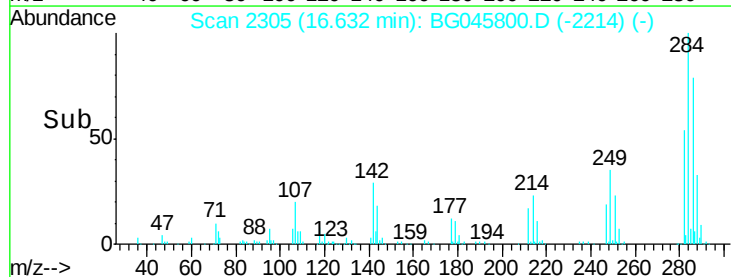
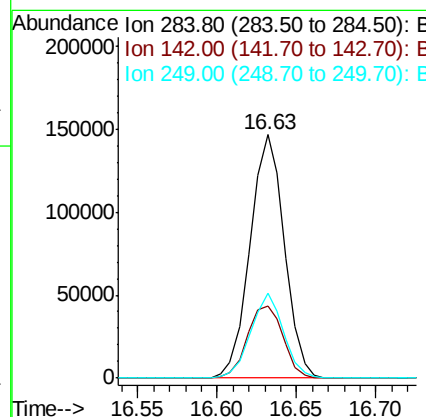
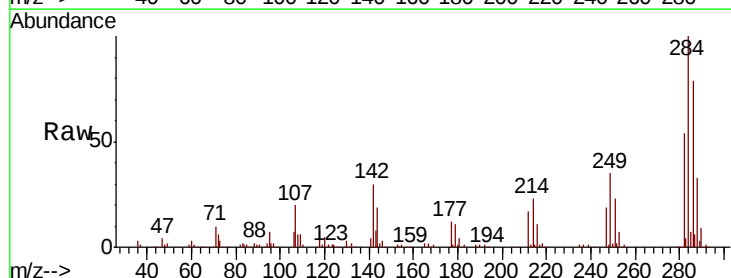
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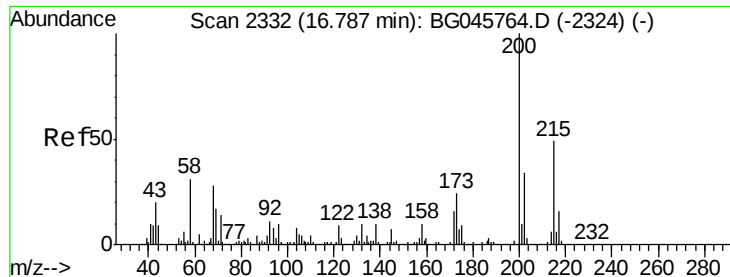
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#68
 Hexachlorobenzene
 Concen: 47.563 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion:	284	Resp:	220140
Ion Ratio	Lower	Upper	
284	100		
142	29.7	26.9	40.3
249	34.7	28.6	42.8





#69

Atrazine

Concen: 46.545 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

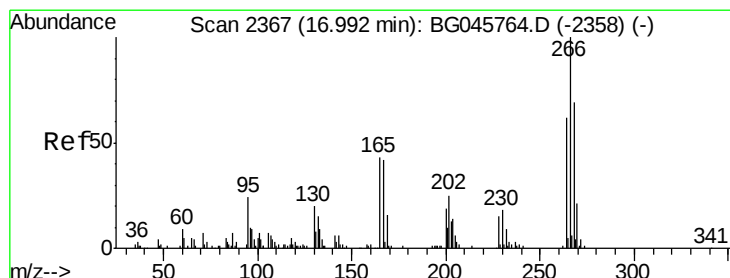
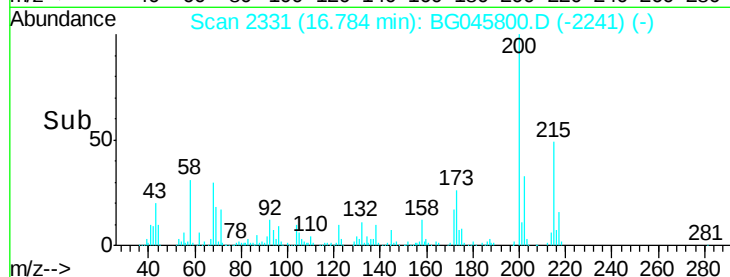
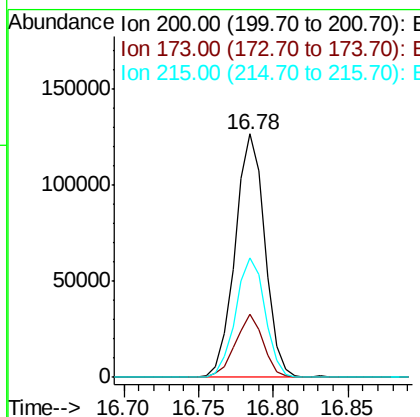
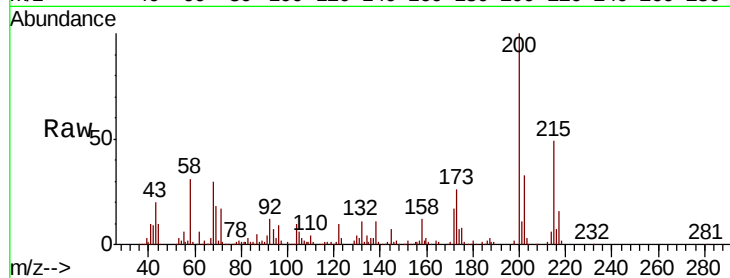
ClientSampleId :

PB129622BS

Tot Ion:	200	Resp:	175731
Ion Ratio	Lower	Upper	
200	100		
173	26.0	3.9	43.9
215	49.1	28.8	68.8

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#70

Pentachlorophenol

Concen: 92.452 ng

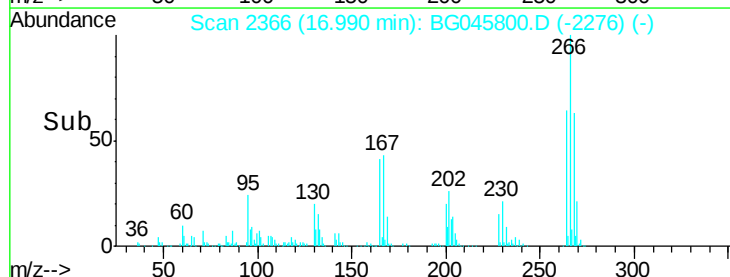
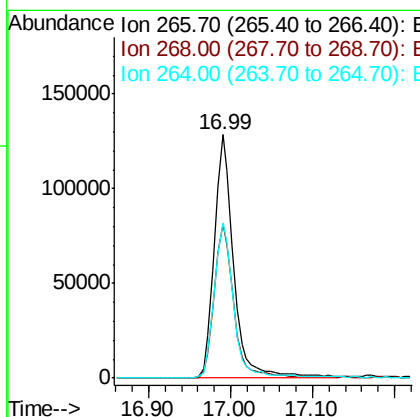
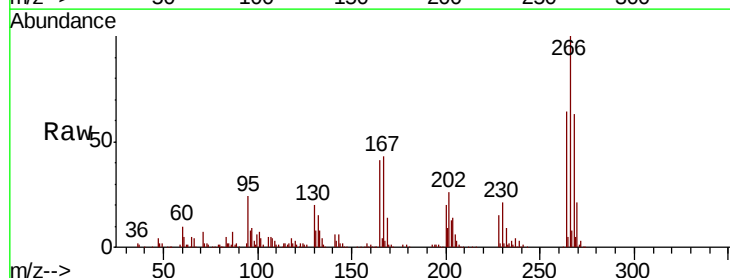
RT: 16.99 min Scan# 2366

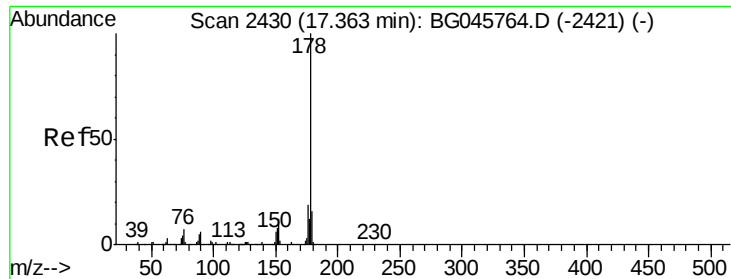
Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:	266	Resp:	214030
Ion Ratio	Lower	Upper	
266	100		
268	63.1	55.4	83.0
264	63.8	49.8	74.6





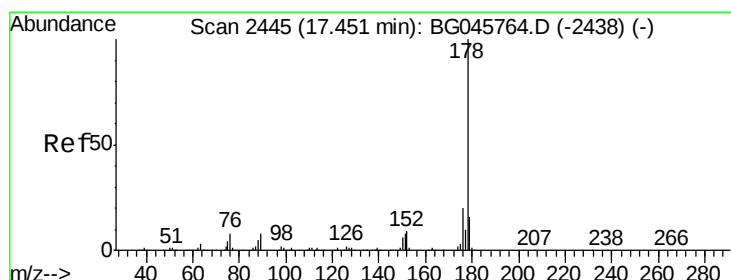
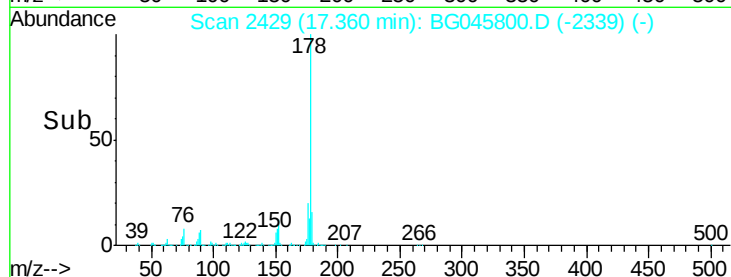
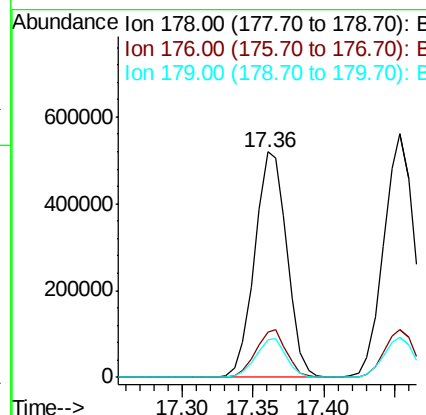
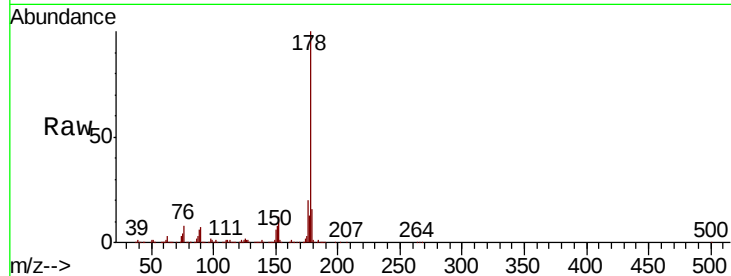
#71
Phenanthrene
Concen: 46.972 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.5	13.2	19.8

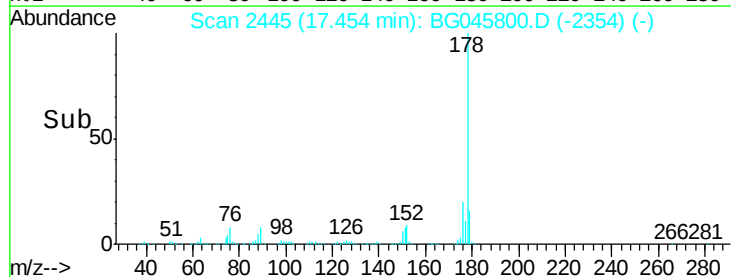
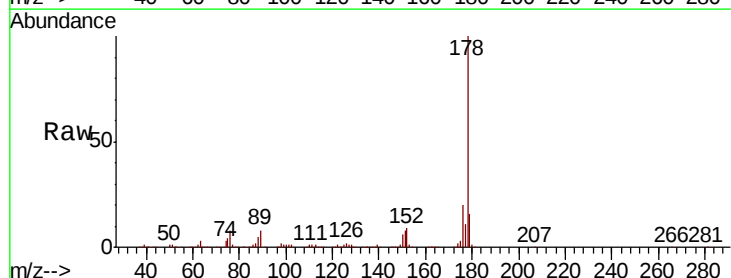
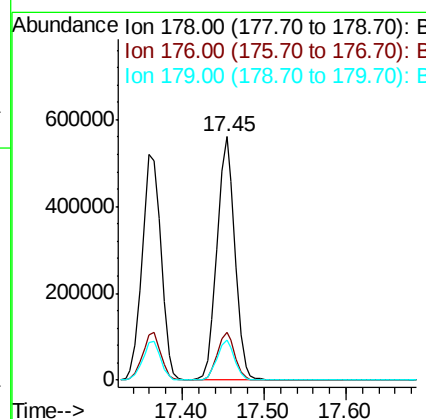
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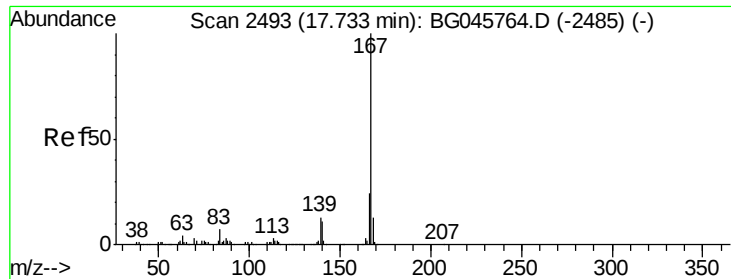
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#72
Anthracene
Concen: 48.498 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.3	13.1	19.7





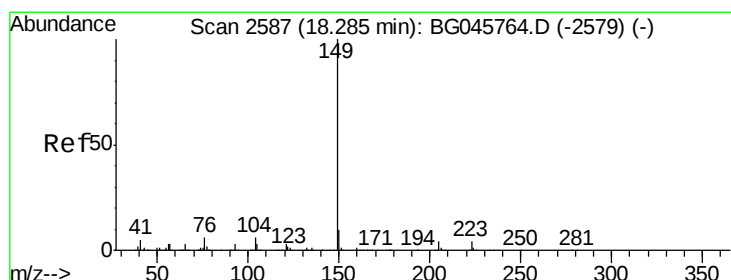
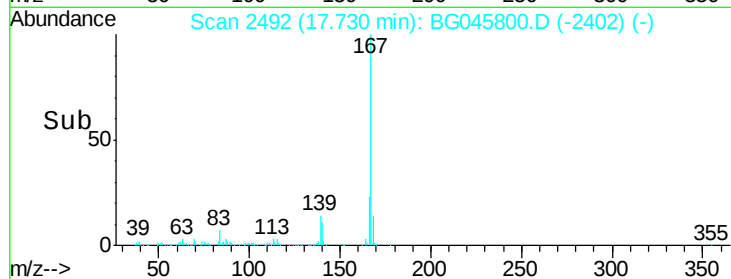
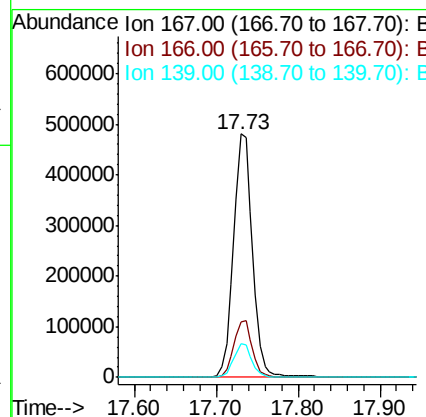
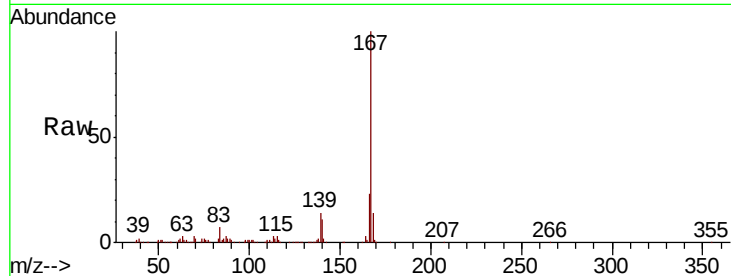
#73
 Carbazole
 Concen: 46.358 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB129622BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.9	28.3
139	13.8	10.6	15.8

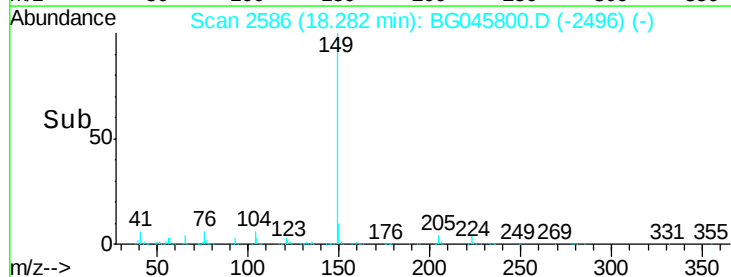
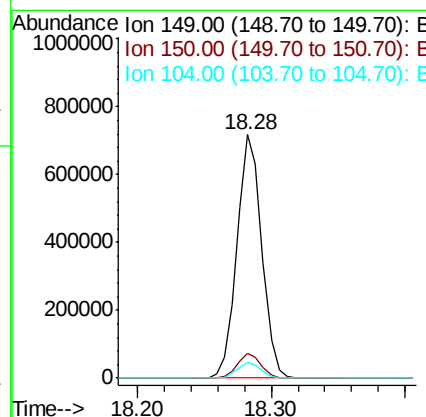
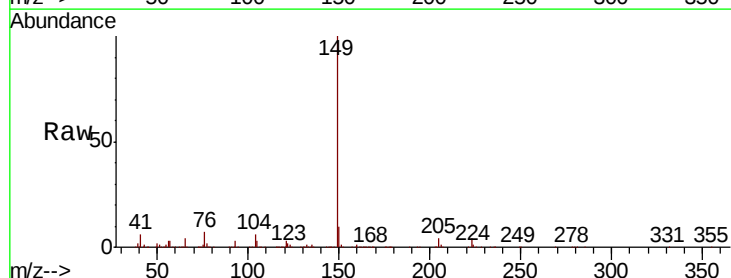
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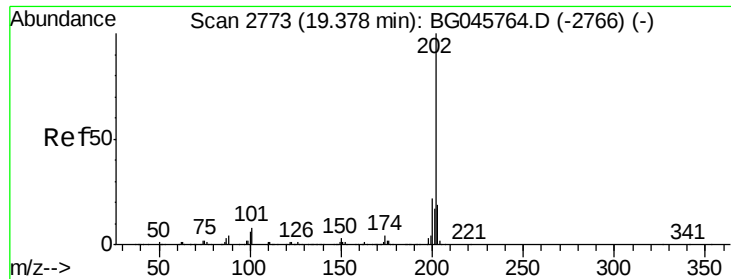
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#74
 Di-n-butylphthalate
 Concen: 46.555 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.3	5.1	7.7





#75

Fluoranthene

Concen: 47.080 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

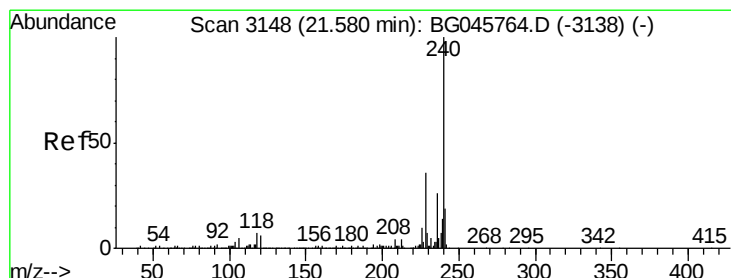
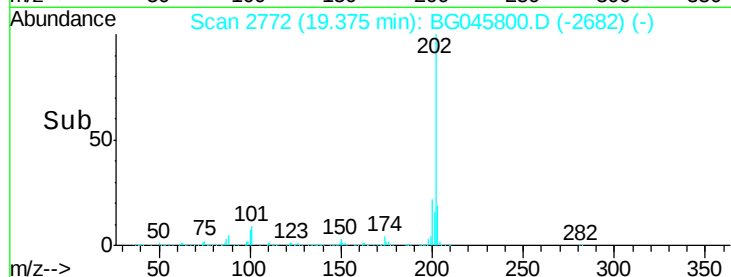
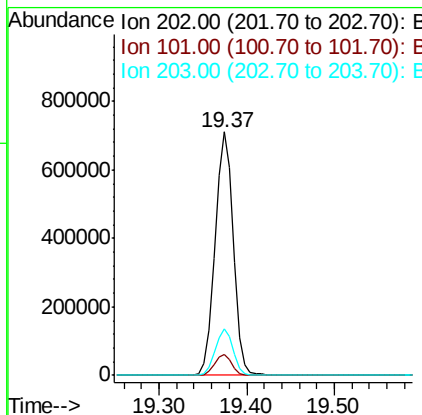
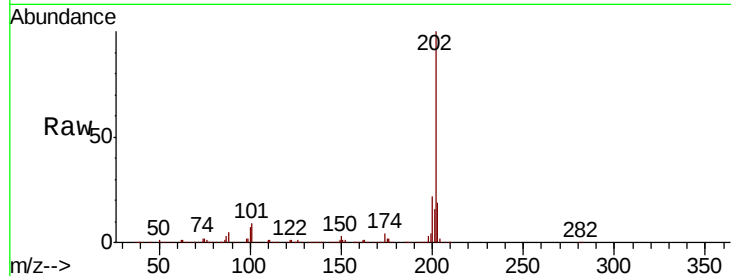
ClientSampleId :

PB129622BS

Tot Ion:	202	Resp:	1025648
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	27.7
203	19.2	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

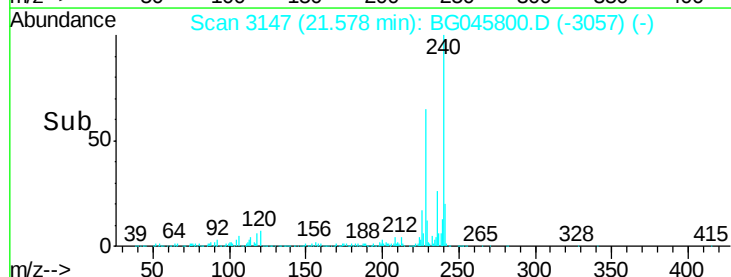
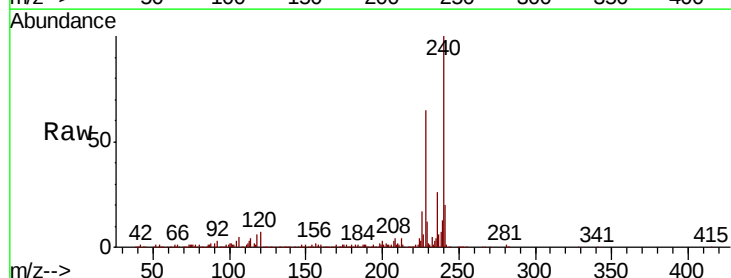
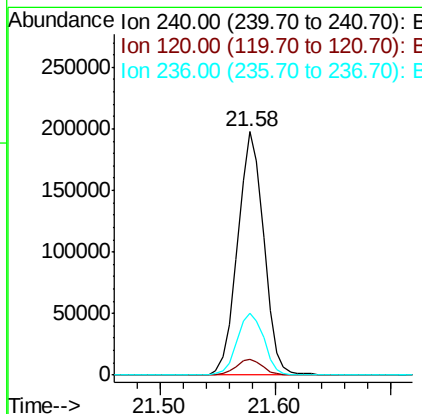
RT: 21.58 min Scan# 3147

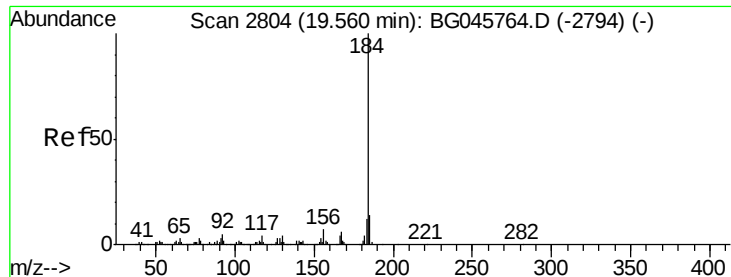
Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:	240	Resp:	310226
Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.0	7.4
236	25.6	20.6	30.8





#77

Benzidine

Concen: 43.515 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

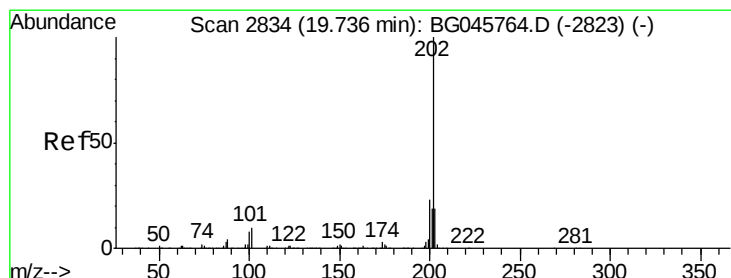
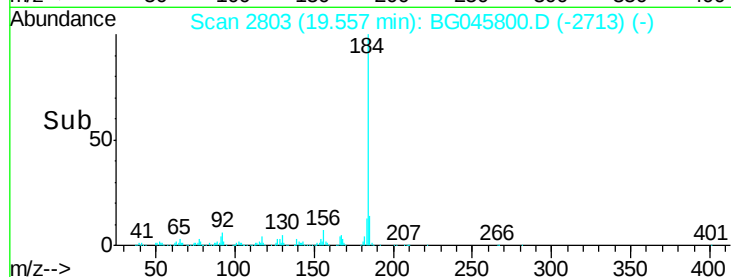
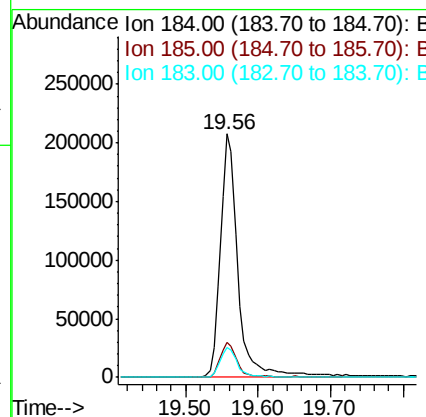
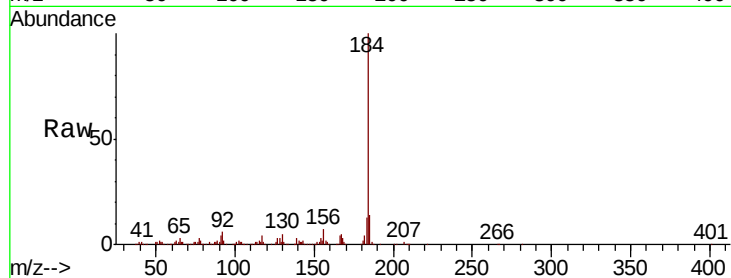
ClientSampleId :

PB129622BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	12.5	9.7	14.5

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#78

Pyrene

Concen: 48.336 ng

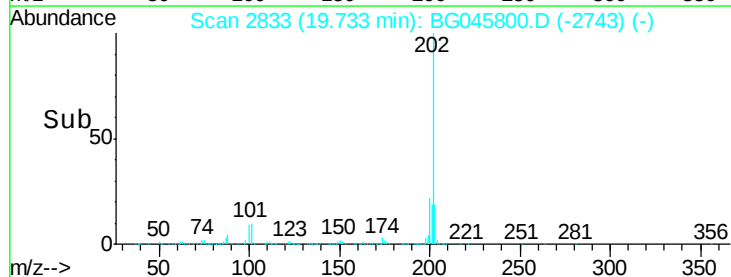
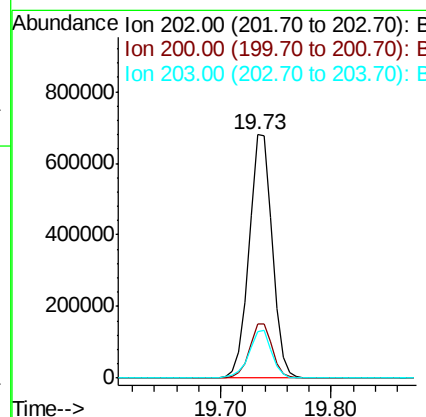
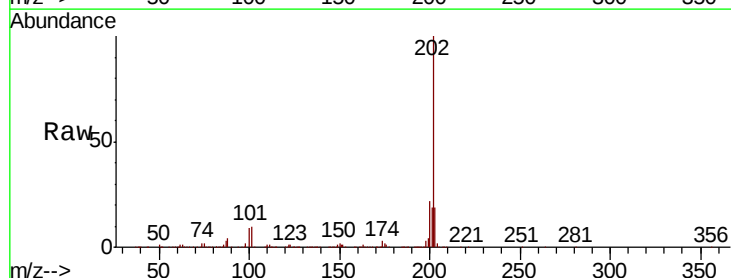
RT: 19.73 min Scan# 2833

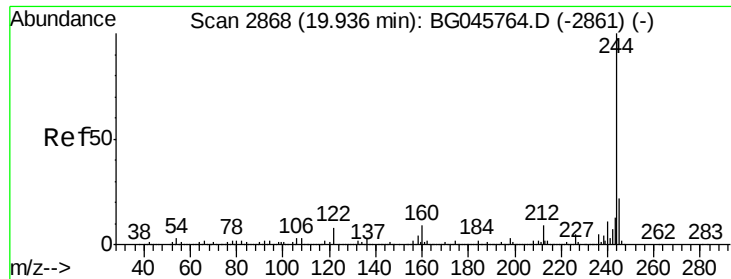
Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	19.3	14.8	22.2





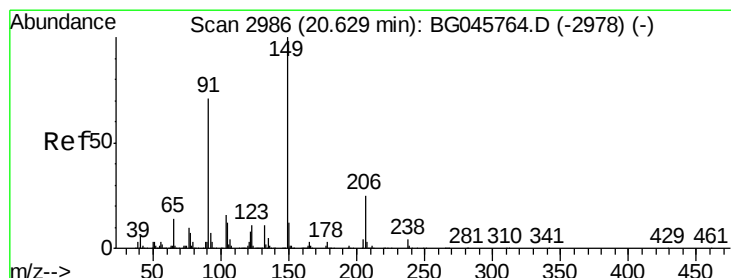
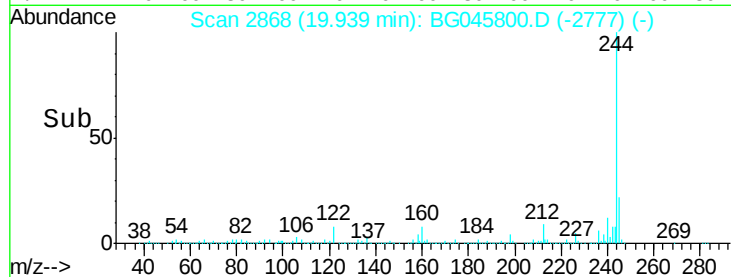
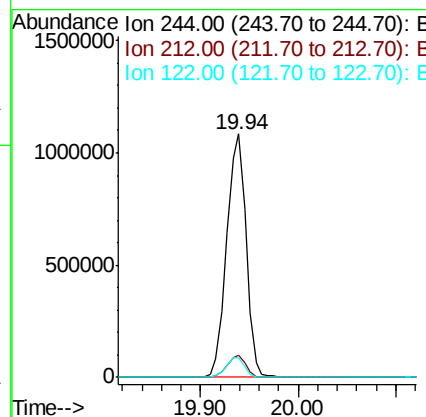
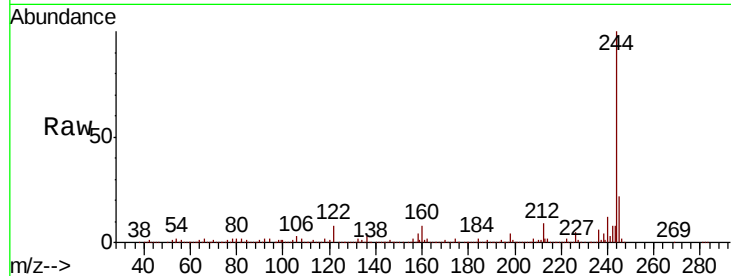
#79
Terphenyl-d14
Concen: 97.741 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	8.3	6.4	9.6

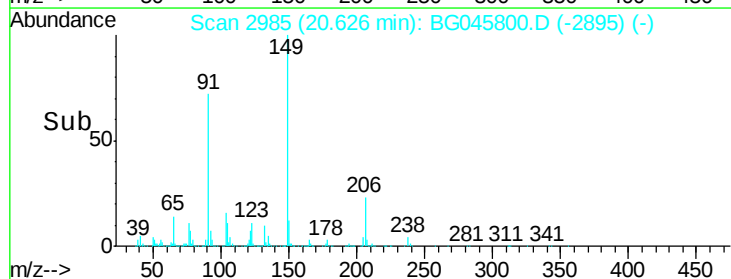
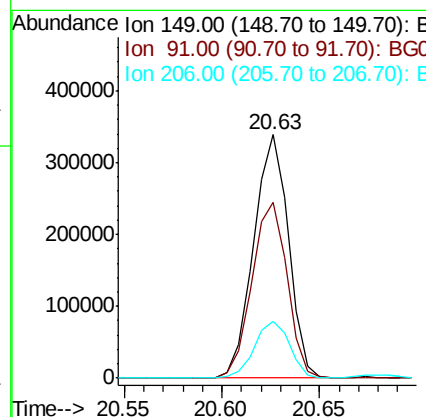
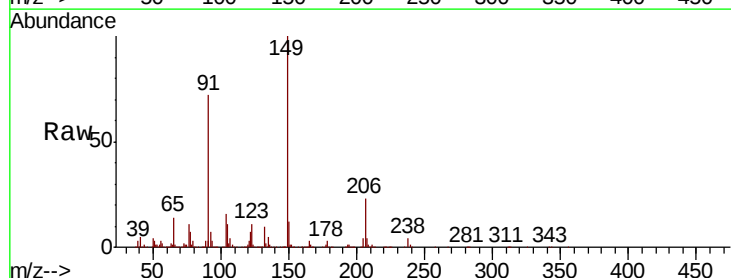
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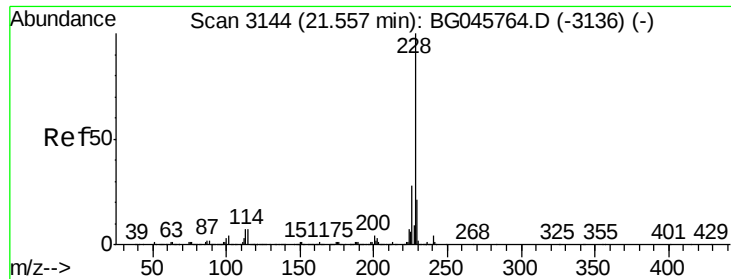
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#80
Butylbenzylphthalate
Concen: 48.024 ng
RT: 20.63 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	56.4	84.6
206	23.4	19.8	29.6





#81

Benzo(a)anthracene

Concen: 47.651 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Instrument :

BNA_G

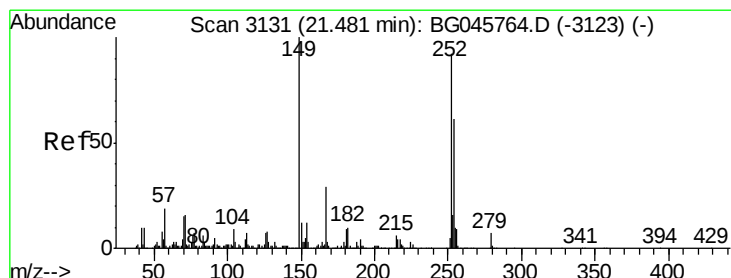
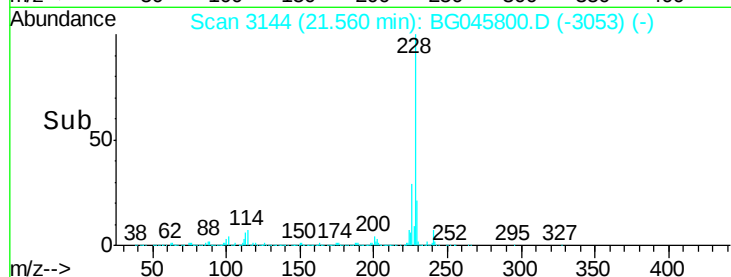
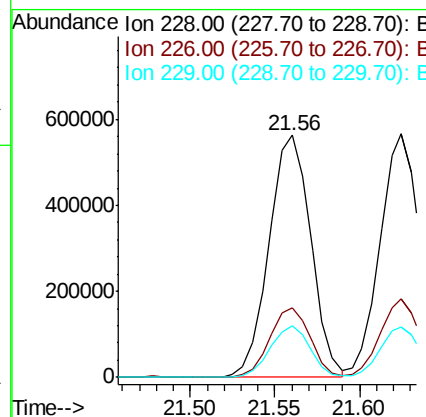
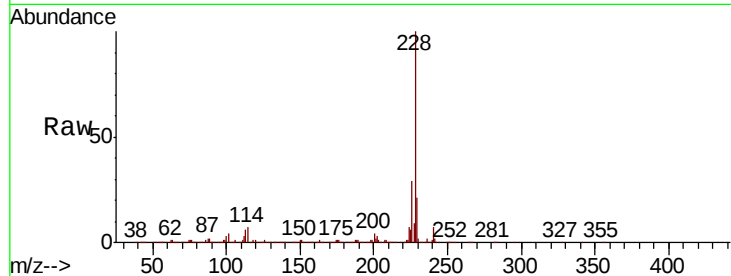
ClientSampleId :

PB129622BS

Tot Ion:	228	Resp:	958412
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.7	34.1
229	21.5	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.144 ng

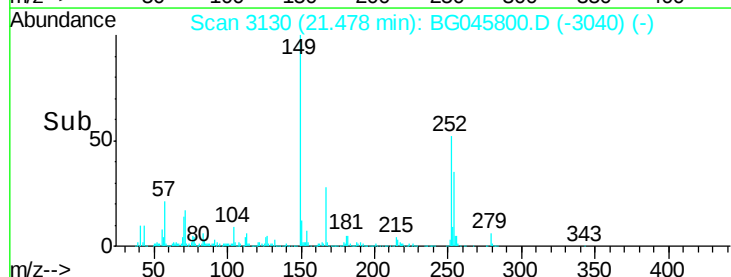
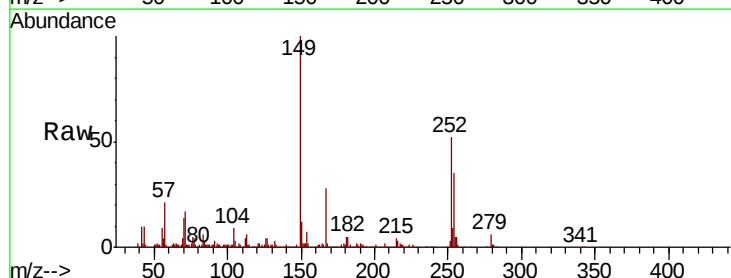
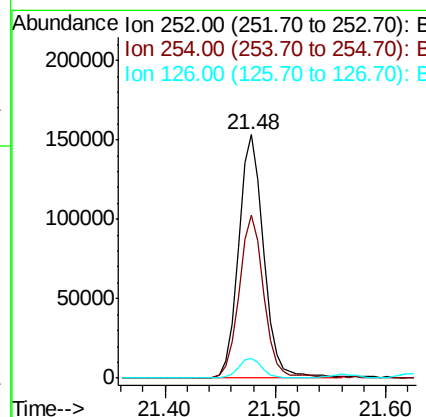
RT: 21.48 min Scan# 3130

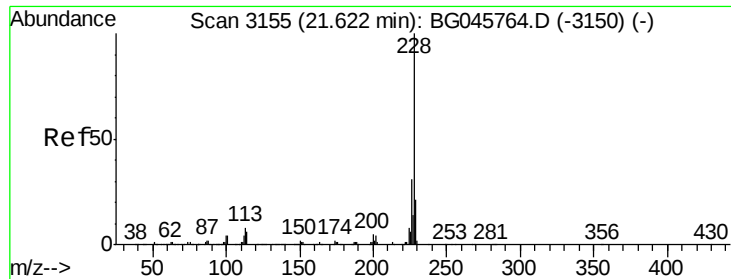
Delta R.T. -0.00 min

Lab File: BG045800.D

Acq: 18 Jun 2020 19:41

Tgt Ion:	252	Resp:	244553
Ion Ratio	Lower	Upper	
252	100		
254	67.0	53.4	80.0
126	8.3	5.8	8.8





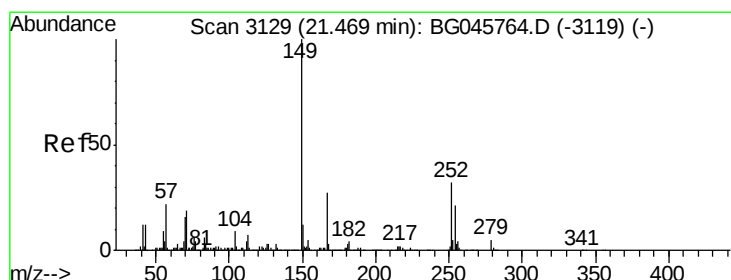
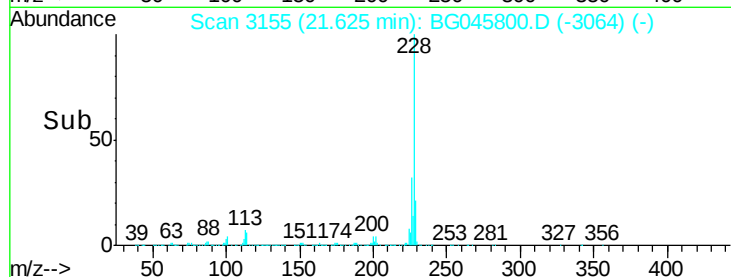
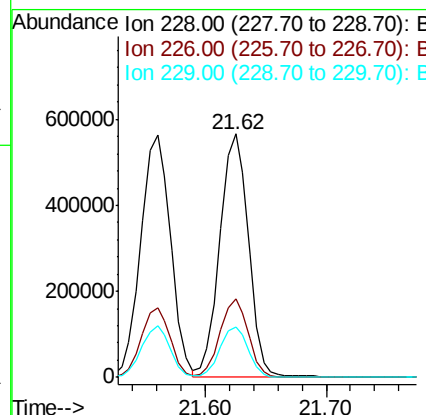
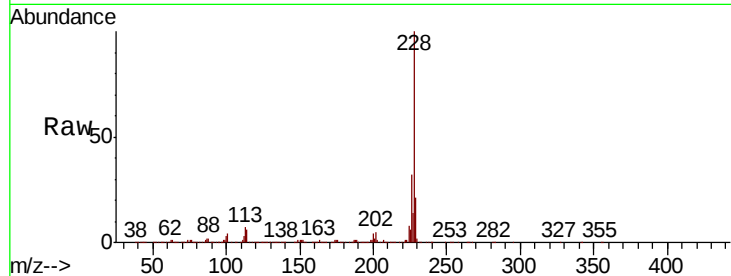
#83
Chrysene
Concen: 47.526 ng
RT: 21.62 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.1	37.7
229	20.8	16.4	24.6

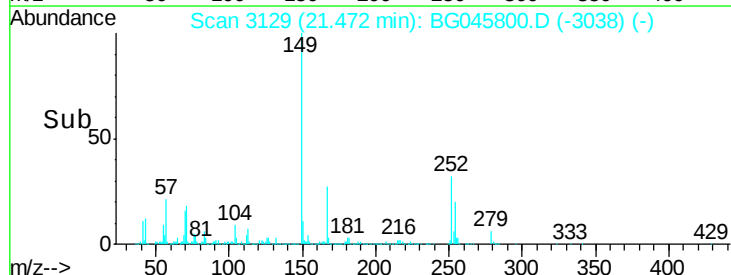
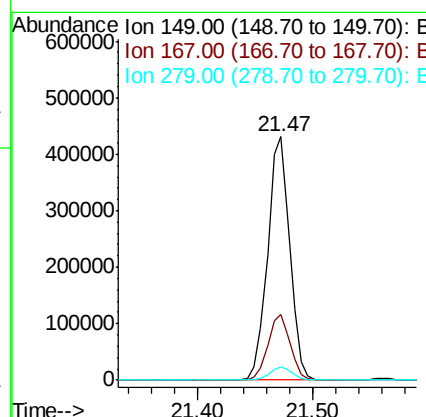
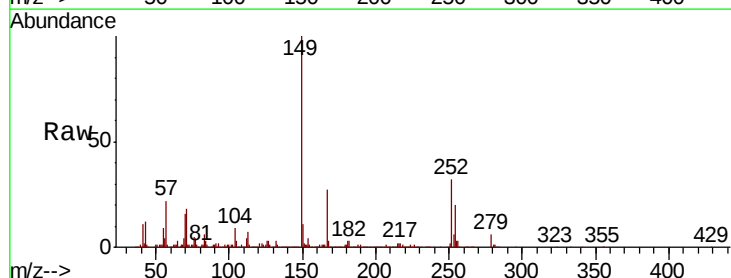
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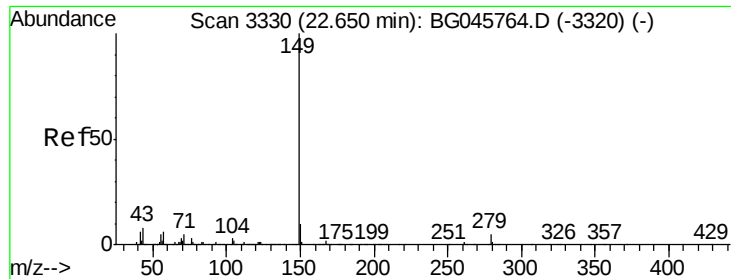
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.697 ng
RT: 21.47 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	5.6	3.7	5.5#





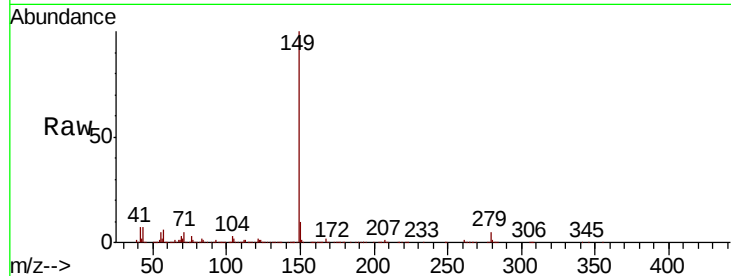
#85
Di-n-octyl phthalate
Concen: 45.734 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

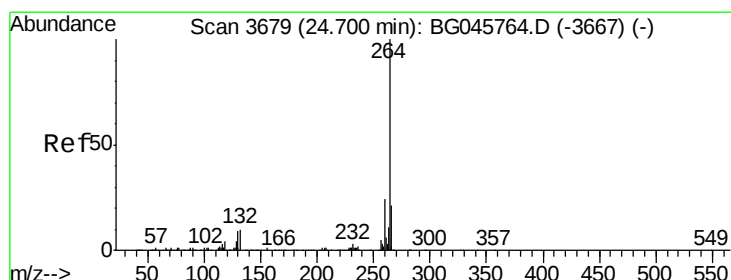
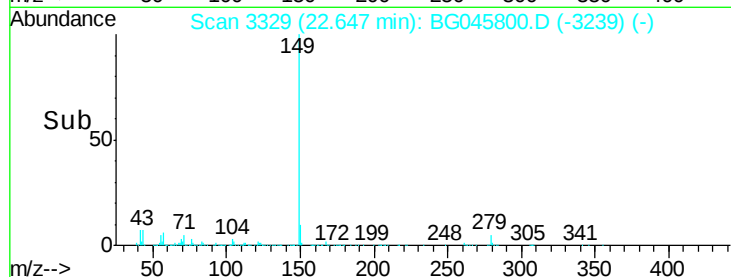
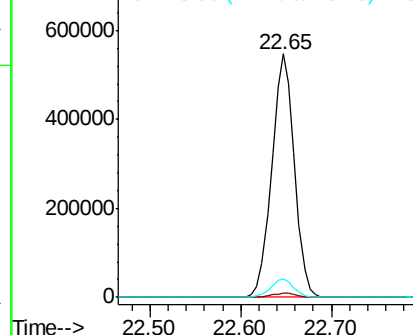
Tot Ion:	149	Resp:	954138
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.6	5.9	8.9

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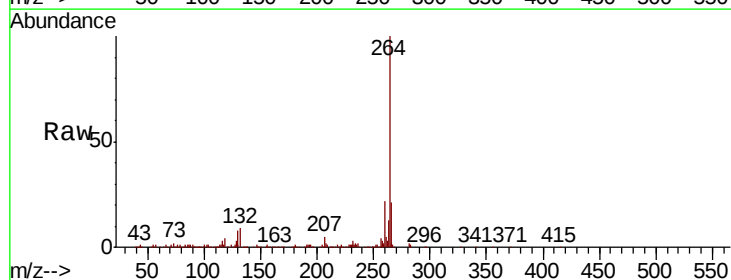


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

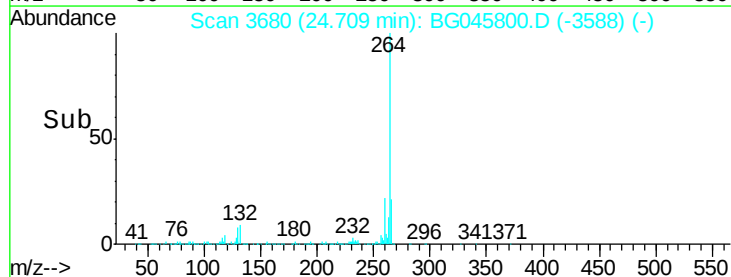
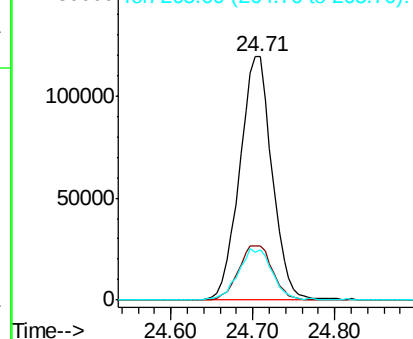


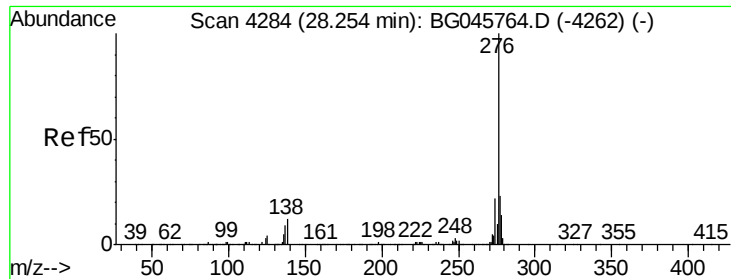
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion:	264	Resp:	328840
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.0	28.4
265	20.7	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





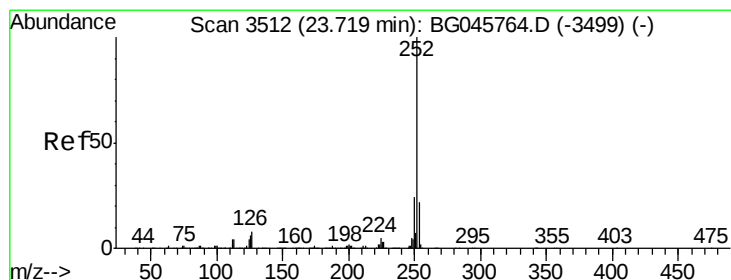
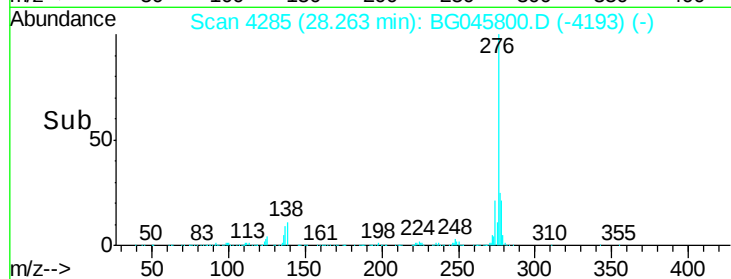
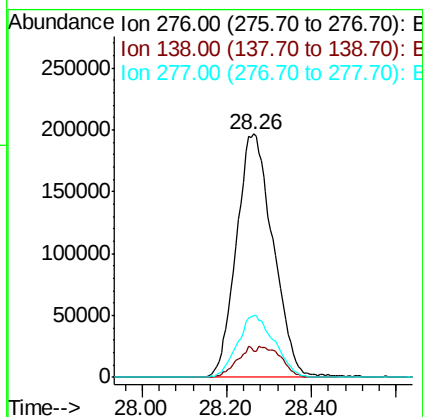
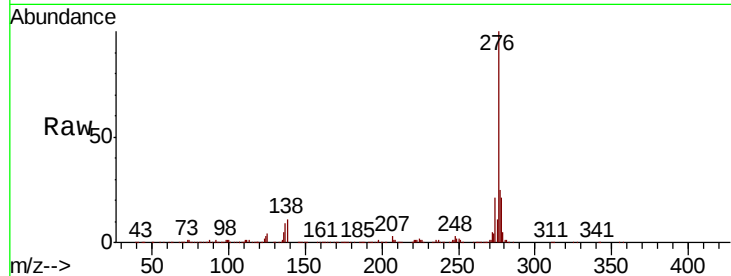
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.589 ng
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.01 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Instrument :
 BNA_G
 ClientSampleID :
 PB129622BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	5.4	8.0
277	25.6	20.6	30.8

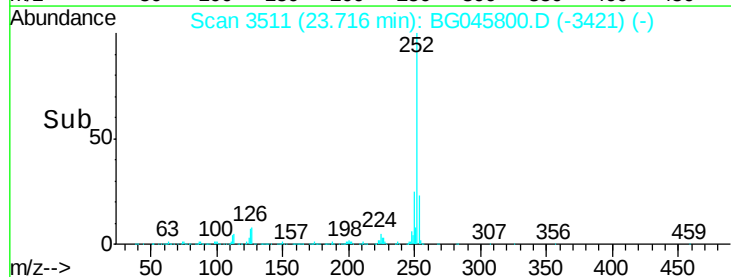
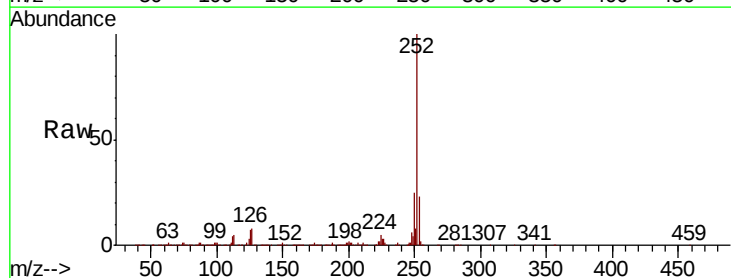
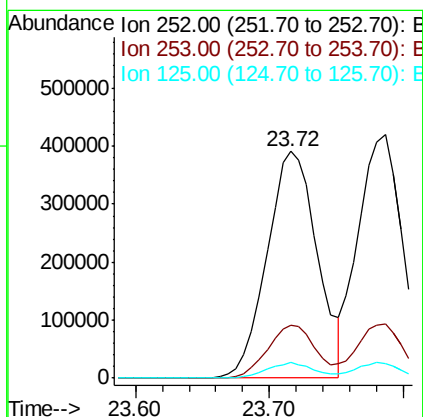
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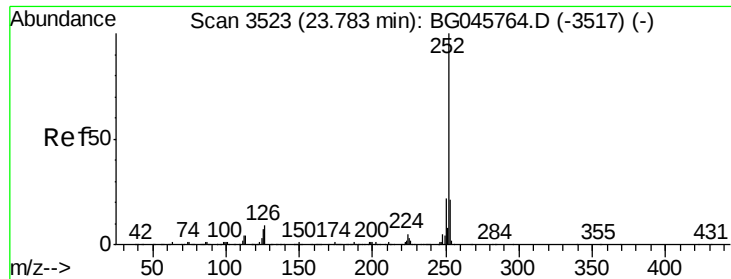
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#88
 Benzo(b)fluoranthene
 Concen: 49.574 ng
 RT: 23.72 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045800.D
 Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	6.8	5.0	7.4





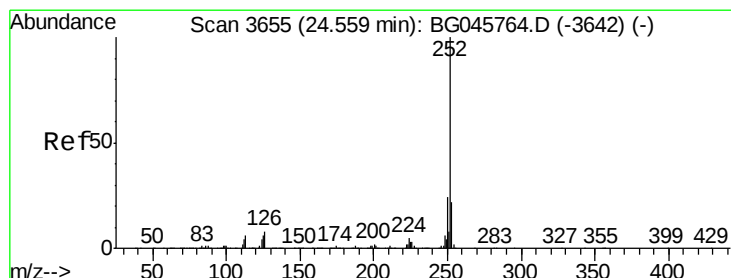
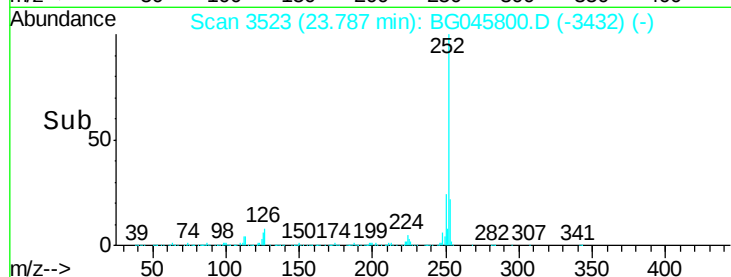
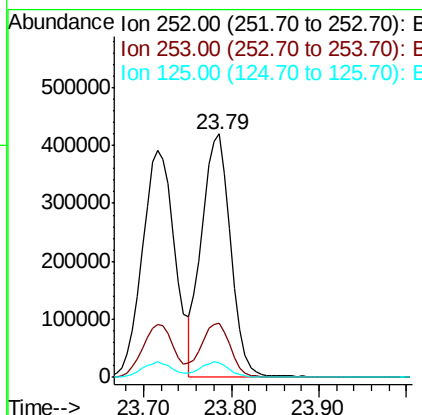
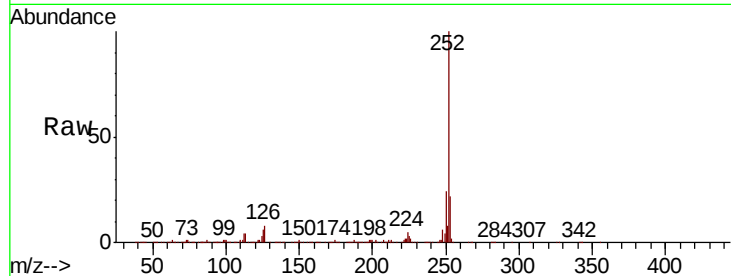
#89
Benzo(k)fluoranthene
Concen: 48.951 ng
RT: 23.79 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	5.9	5.2	7.8

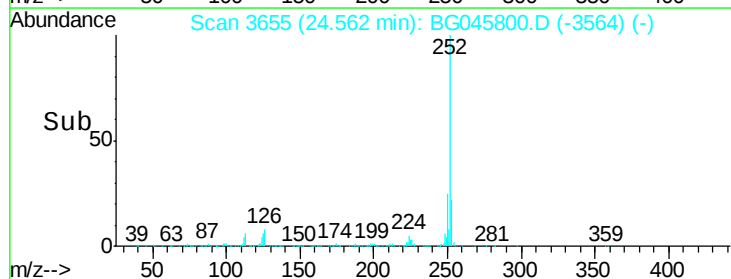
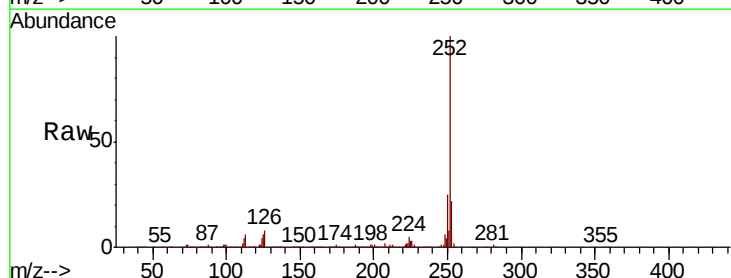
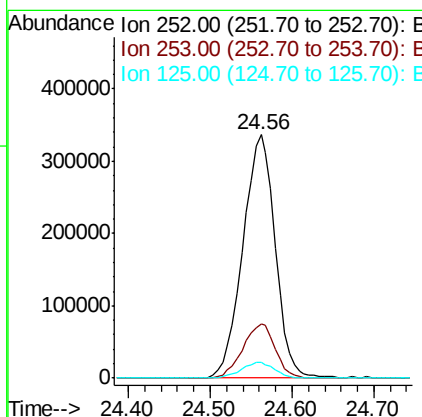
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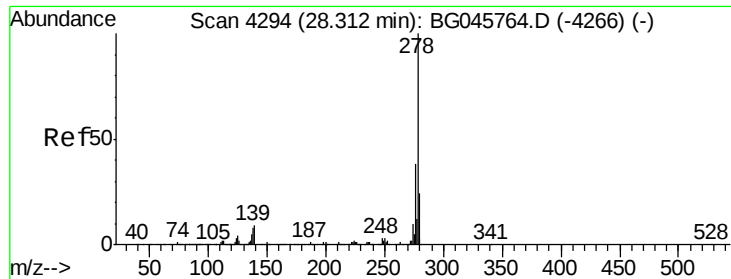
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#90
Benzo(a)pyrene
Concen: 47.873 ng
RT: 24.56 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	6.4	5.0	7.6





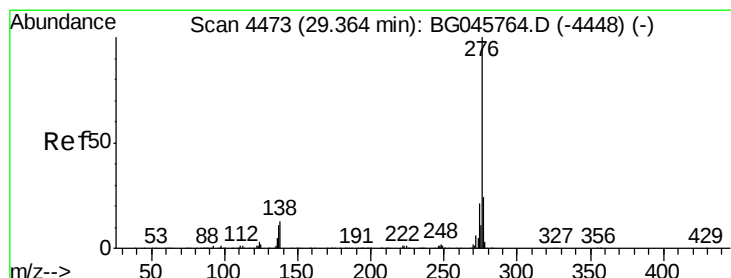
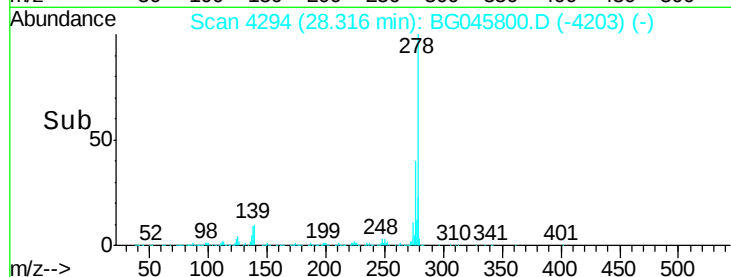
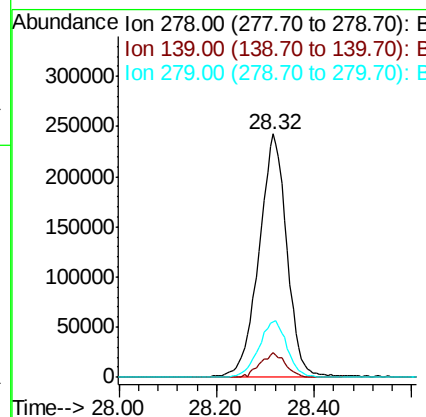
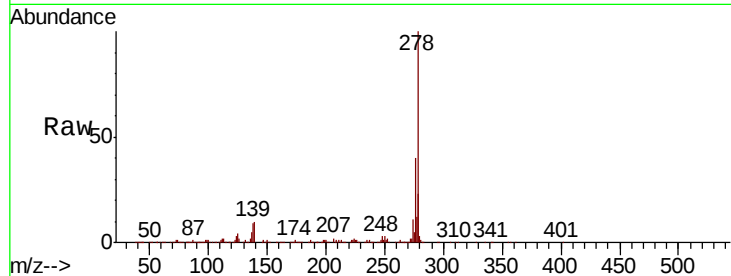
#91
Dibenzo(a,h)anthracene
Concen: 50.620 ng
RT: 28.32 min Scan# 4294
Delta R.T. 0.00 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Instrument :
BNA_G
ClientSampleId :
PB129622BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.3	10.9
279	23.0	19.5	29.3

Manual Integrations
APPROVED

mohammad
6/19/2020 12:57:35 PM



#92
Benzo(g,h,i)perylene
Concen: 50.574 ng
RT: 29.37 min Scan# 4474
Delta R.T. 0.01 min
Lab File: BG045800.D
Acq: 18 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	11.1	10.6	15.8

