

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045518.D
 Acq On : 29 May 2020 11:17
 Operator : CG/JU
 Sample : PB129114BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Manual Integrations
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 6/1/2020 12:22:34 PM

Quant Time: May 29 11:57:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	70547	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	283961	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	201842	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	497696	20.00	ng	0.00
76) Chrysene-d12	21.61	240	465954	20.00	ng	0.00
87) Perylene-d12	24.76	264	513561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	662025	183.39	ng	0.00
7) Phenol-d6	7.17	99	915546	178.20	ng	0.00
23) Nitrobenzene-d5	9.12	82	589715	113.25	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	443750	171.91	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1306069	109.76	ng	0.00
79) Terphenyl-d14	19.96	244	2190582	109.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	77567	43.33	ng	95
3) Pyridine	3.80	79	186821	37.47	ng	97
4) n-Nitrosodimethylamine	3.71	42	86935	53.29	ng	96
6) Aniline	7.28	93	306631	45.72	ng	97
8) 2-Chlorophenol	7.53	128	240272	60.70	ng	97
9) Benzaldehyde	7.09	77	153261	45.78	ng	99
10) Phenol	7.19	94	315287	59.54	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	223024	54.00	ng	96
12) 1,3-Dichlorobenzene	7.84	146	255803	53.77	ng	98
13) 1,4-Dichlorobenzene	7.99	146	257850	54.92	ng	97
14) 1,2-Dichlorobenzene	8.31	146	236232	52.32	ng	97
15) Benzyl Alcohol	8.21	79	238249	56.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	205787	52.49	ng	99
17) 2-Methylphenol	8.43	107	216747	54.69	ng	95
18) Hexachloroethane	9.04	117	97962	54.48	ng	93
19) n-Nitroso-di-n-propylamine	8.77	70	194245	54.67	ng	98
20) 3+4-Methylphenols	8.76	107	287105	53.19	ng	# 86
22) Acetophenone	8.78	105	354270	52.64	ng	96
24) Nitrobenzene	9.16	77	298539	53.51	ng	98
25) Isophorone	9.69	82	537552	52.42	ng	98
26) 2-Nitrophenol	9.88	139	137838	57.75	ng	91
27) 2,4-Dimethylphenol	9.96	122	226154	63.89	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	294776	54.81	ng	96
29) 2,4-Dichlorophenol	10.43	162	243910	58.35	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	268534	54.37	ng	98
31) Naphthalene	10.82	128	720182	54.43	ng	100
32) Benzoic acid	10.15	122	154070	60.66	ng	96
33) 4-Chloroaniline	10.93	127	143359	25.92	ng	99
34) Hexachlorobutadiene	11.10	225	182737	52.34	ng	96
35) Caprolactam	11.70	113	85190m	55.52	ng	
36) 4-Chloro-3-methylphenol	12.08	107	275334	58.45	ng	97
37) 2-Methylnaphthalene	12.43	142	538117	54.56	ng	97
38) 1-Methylnaphthalene	12.64	142	516846	55.48	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	308807	54.77	ng	98

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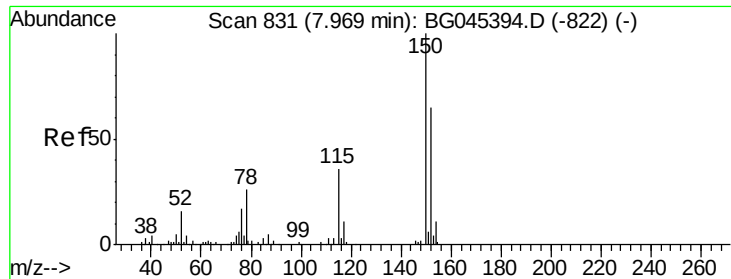
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	372542	114.49	ng	99
43) 2,4,6-Trichlorophenol	13.04	196	217742	55.60	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	235112	52.53	ng	97
46) 1,1'-Biphenyl	13.44	154	703925	56.76	ng	99
47) 2-Chloronaphthalene	13.48	162	541911	53.81	ng	99
48) 2-Nitroaniline	13.68	65	173611	52.41	ng	86
49) Acenaphthylene	14.32	152	895200	55.34	ng	98
50) Dimethylphthalate	14.06	163	735464	53.12	ng	98
51) 2,6-Dinitrotoluene	14.18	165	168797	54.03	ng	96
52) Acenaphthene	14.66	154	675035m	62.34	ng	
53) 3-Nitroaniline	14.51	138	108286	34.09	ng	99
54) 2,4-Dinitrophenol	14.72	184	216384	103.97	ng	97
55) Dibenzofuran	15.00	168	859969	53.48	ng	95
56) 4-Nitrophenol	14.87	139	266179	110.70	ng	97
57) 2,4-Dinitrotoluene	14.97	165	244770	54.09	ng	97
58) Fluorene	15.65	166	713729	54.03	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	223139	56.67	ng	98
60) Diethylphthalate	15.42	149	763089	52.95	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	402264	53.21	ng	99
62) 4-Nitroaniline	15.68	138	174533	52.64	ng	95
63) Azobenzene	15.94	77	721204	53.67	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	161586	55.75	ng	99
66) n-Nitrosodiphenylamine	15.86	169	652706	54.62	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	281040	52.15	ng	97
68) Hexachlorobenzene	16.66	284	308390	54.71	ng	97
69) Atrazine	16.81	200	254154	51.64	ng	99
70) Pentachlorophenol	17.01	266	350012	119.59	ng	97
71) Phenanthrene	17.39	178	1174292	54.05	ng	98
72) Anthracene	17.48	178	1201916	55.09	ng	97
73) Carbazole	17.76	167	1115581	52.45	ng	99
74) Di-n-butylphthalate	18.31	149	1331302	52.15	ng	99
75) Fluoranthene	19.40	202	1462562	52.92	ng	98
77) Benzidine	19.58	184	849656	64.93	ng	99
78) Pyrene	19.76	202	1449524	54.57	ng	98
80) Butylbenzylphthalate	20.65	149	592732	51.70	ng	96
81) Benzo(a)anthracene	21.59	228	1400093	53.94	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	362480	35.60	ng	98
83) Chrysene	21.65	228	1325124	53.09	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	832717	52.84	ng	99
85) Di-n-octyl phthalate	22.69	149	1403454	51.85	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1745413	53.48	ng	98
88) Benzo(b)fluoranthene	23.77	252	1515563	55.03	ng	99
89) Benzo(k)fluoranthene	23.83	252	1416726	54.75	ng	99
90) Benzo(a)pyrene	24.61	252	1375367	53.62	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1426999	55.36	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1462123	56.71	ng	97

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



#1

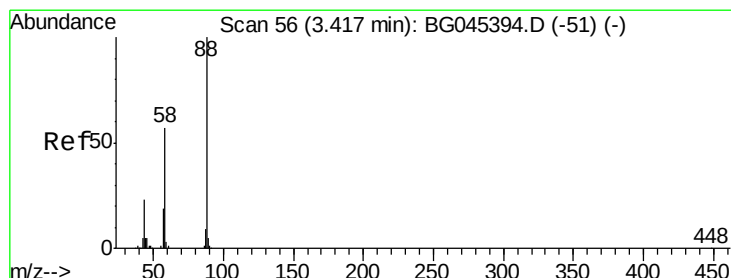
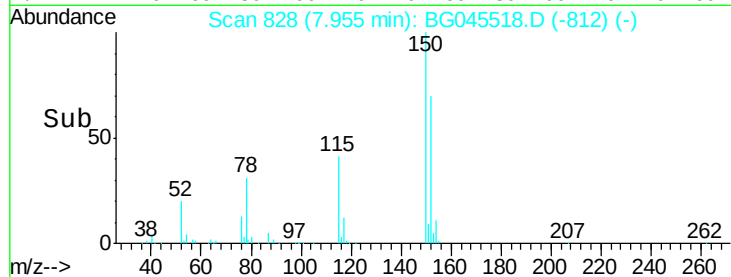
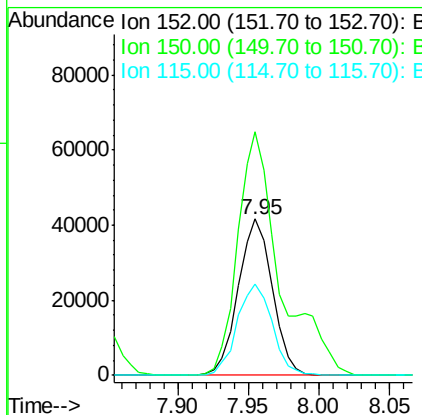
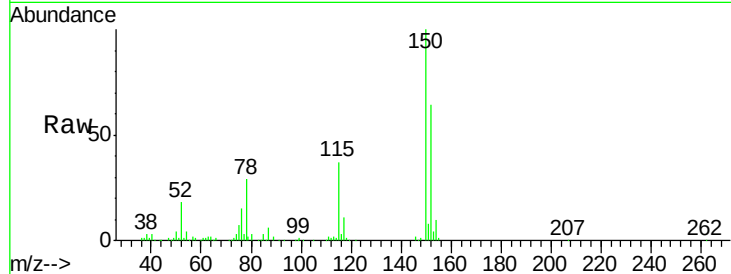
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.4	183.6
115	58.1	44.2	66.4

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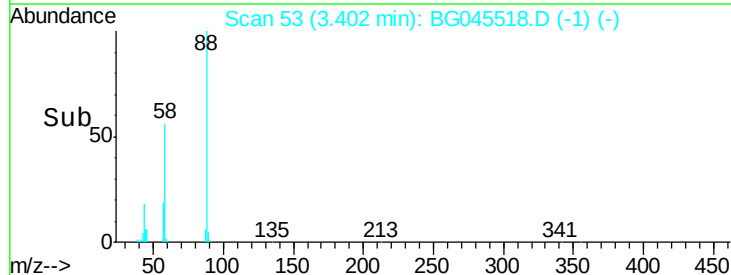
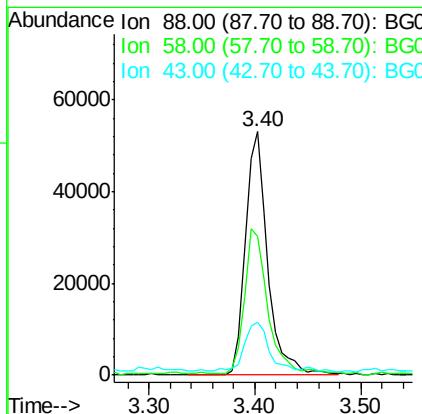
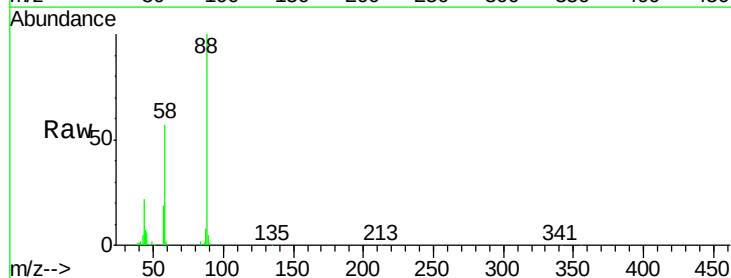
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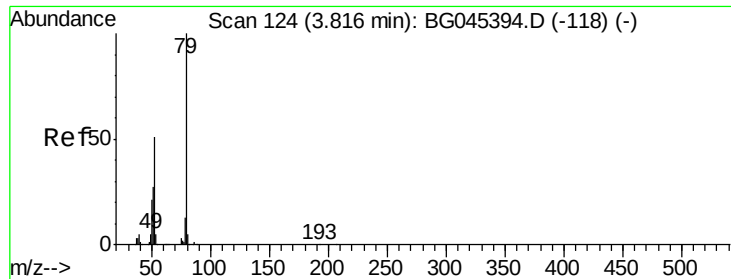


#2

1,4-Dioxane
Concen: 43.33 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	45.7	68.5
43	21.9	16.8	25.2





#3

Pyridine

Concen: 37.47 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

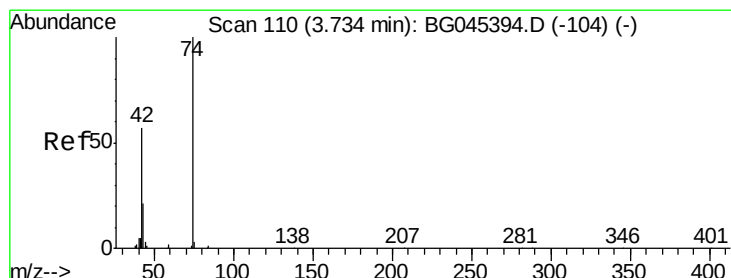
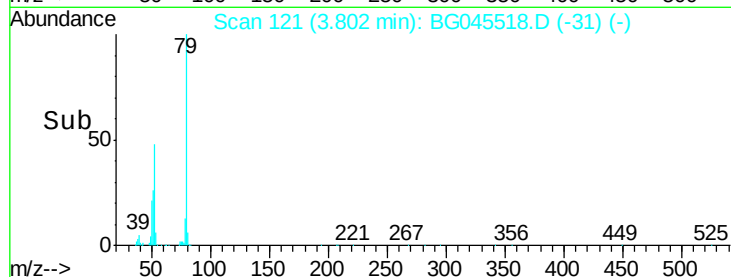
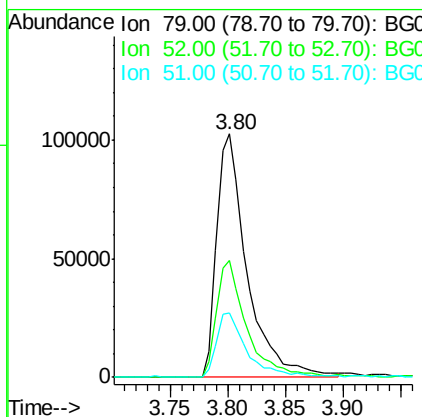
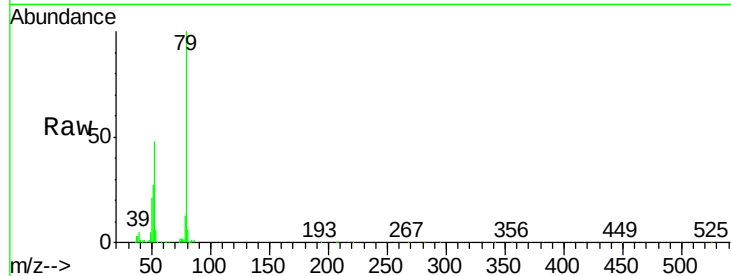
ClientSampleId :

PB129114BS

Tgt Ion:	79	Resp:	186821
Ion	Ratio	Lower	Upper
79	100		
52	48.1	40.8	61.2
51	26.7	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 53.29 ng

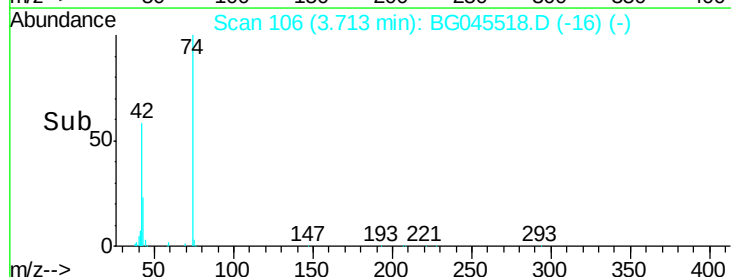
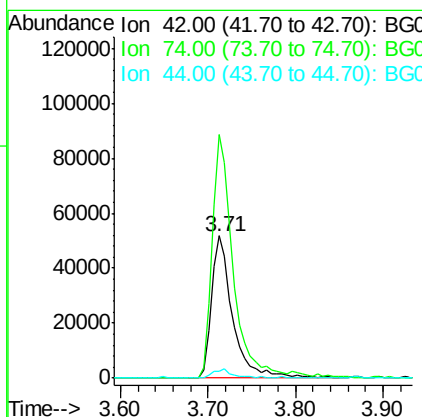
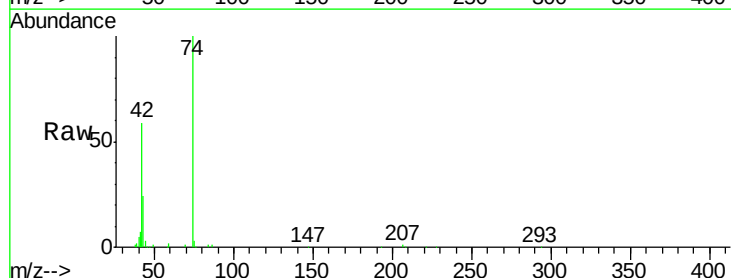
RT: 3.71 min Scan# 106

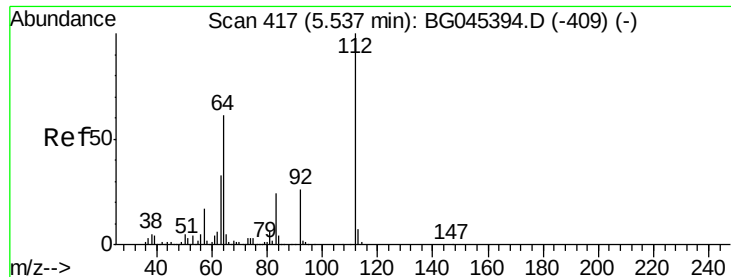
Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	42	Resp:	86935
Ion	Ratio	Lower	Upper
42	100		
74	170.9	141.3	211.9
44	5.0	4.2	6.4





#5

2-Fluorophenol

Concen: 183.39 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

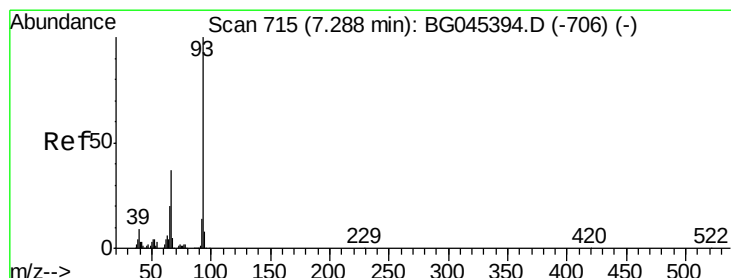
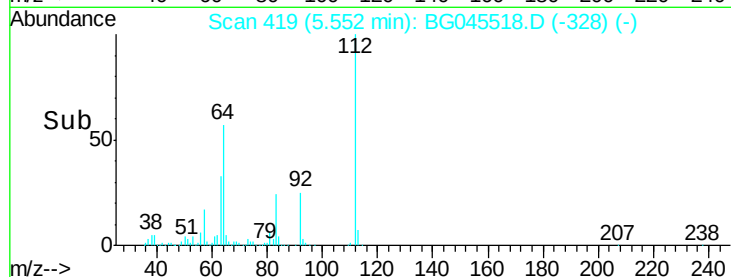
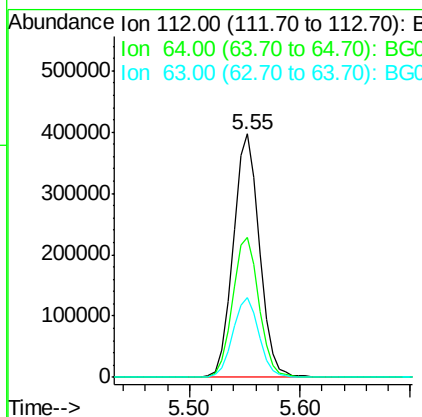
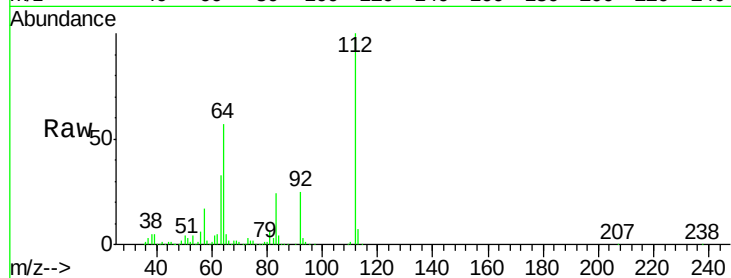
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Tgt Ion:	112	Resp:	662025
Ion Ratio	Lower	Upper	
112	100		
64	57.3	48.6	72.8
63	33.0	26.5	39.7

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#6

Aniline

Concen: 45.72 ng

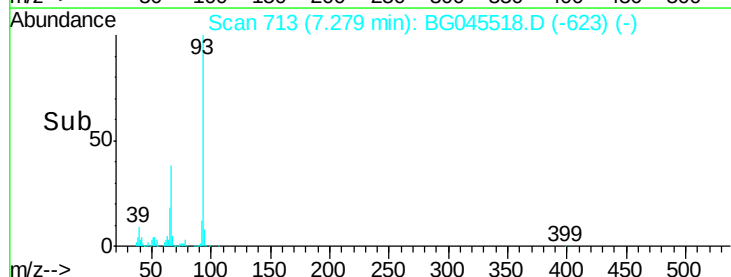
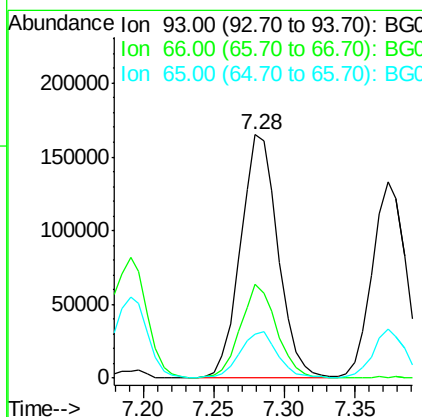
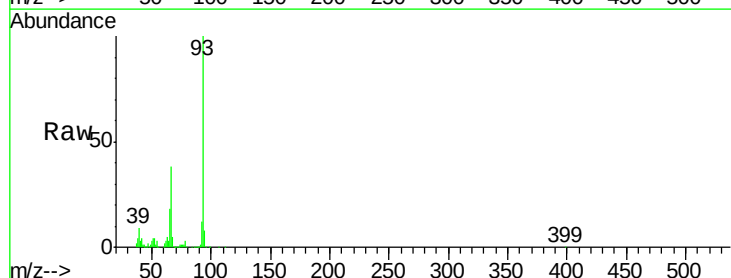
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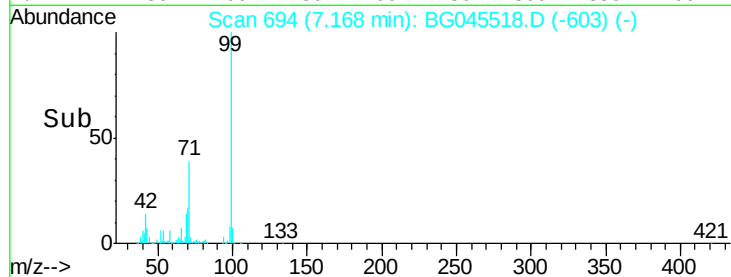
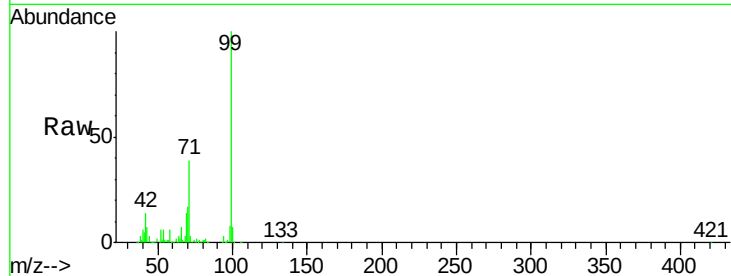
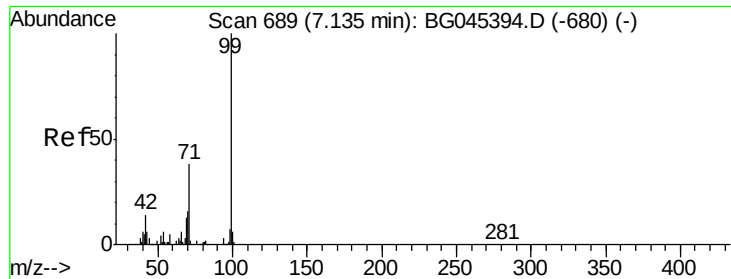
Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	93	Resp:	306631
Ion Ratio	Lower	Upper	
93	100		
66	38.4	29.6	44.4
65	17.8	15.9	23.9





#7

Phenol-d6

Concen: 178.20 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	915546		
42	14.3	11.3	16.9	
71	38.6	30.8	46.2	

Instrument :

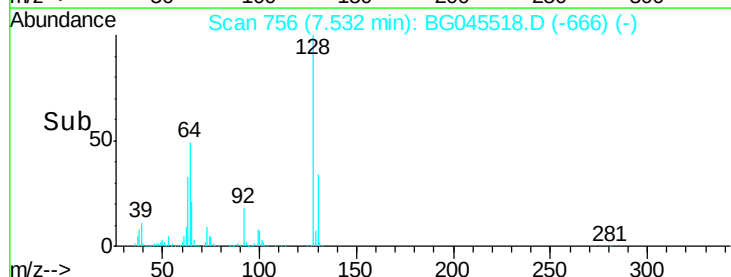
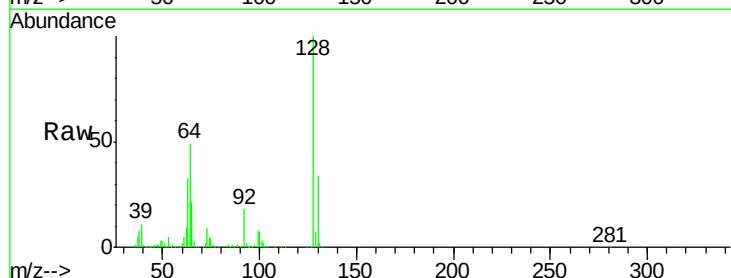
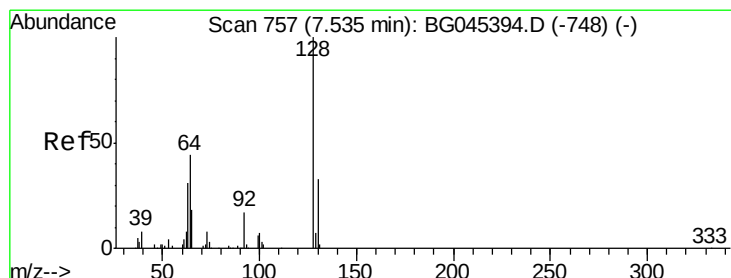
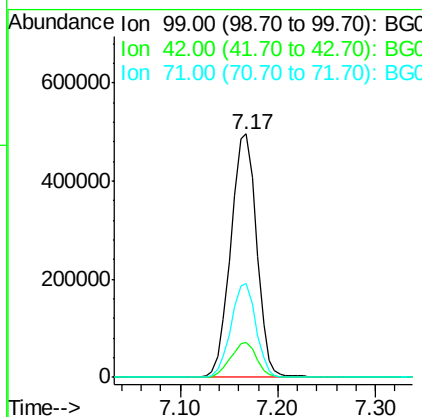
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#8

2-Chlorophenol

Concen: 60.70 ng

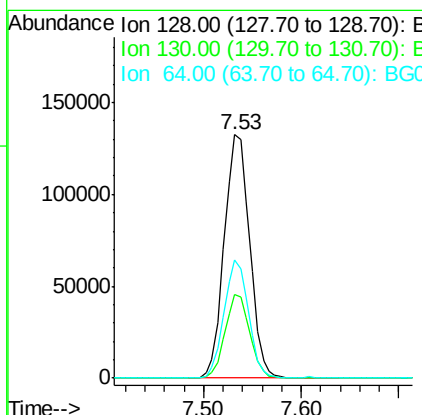
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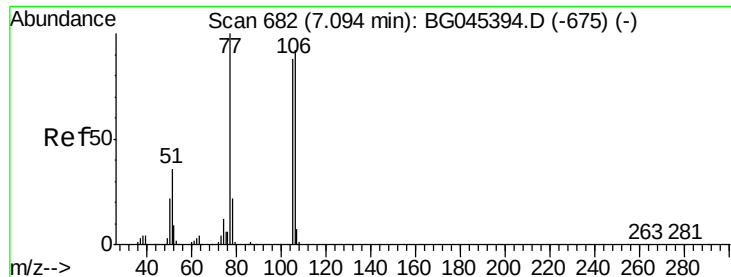
Delta R.T. -0.00 min

Lab File: BG045518.D

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	240272		
130	34.3	12.6	52.6	
64	48.5	27.0	67.0	





#9

Benzaldehyde

Concen: 45.78 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

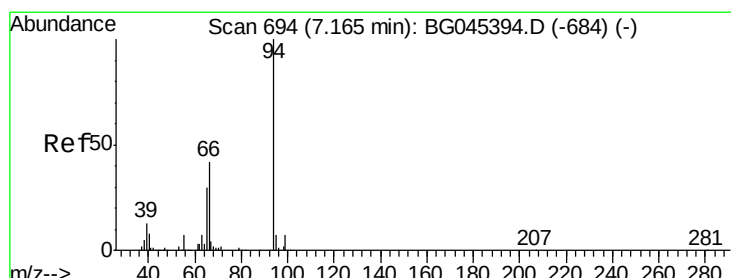
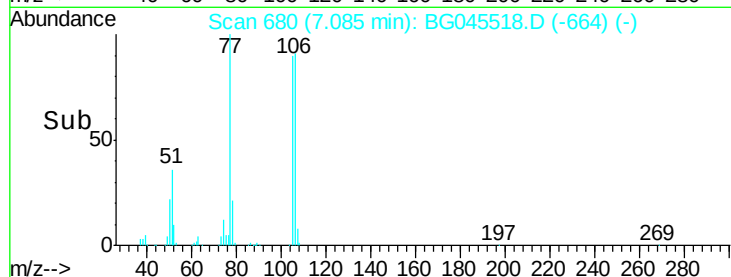
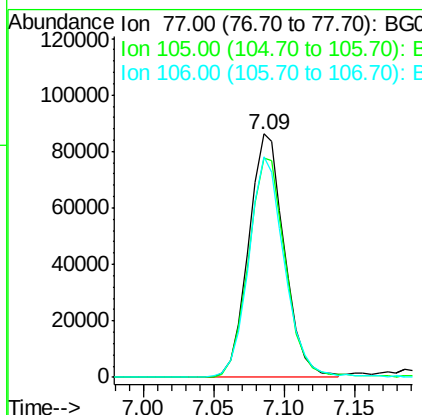
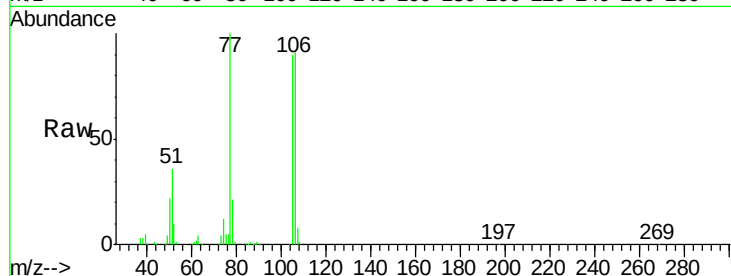
ClientSampleId :

PB129114BS

Tgt Ion:	77	Resp:	153261
Ion Ratio	Lower	Upper	
77	100		
105	90.3	68.5	108.5
106	90.6	71.6	111.6

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#10

Phenol

Concen: 59.54 ng

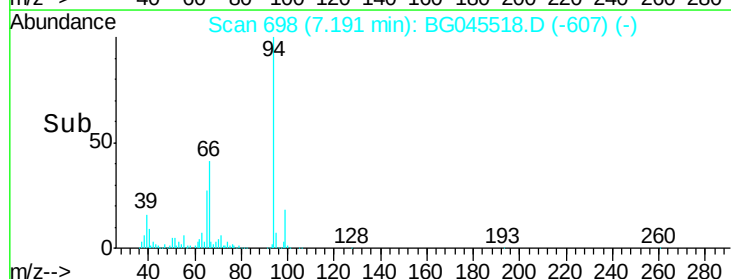
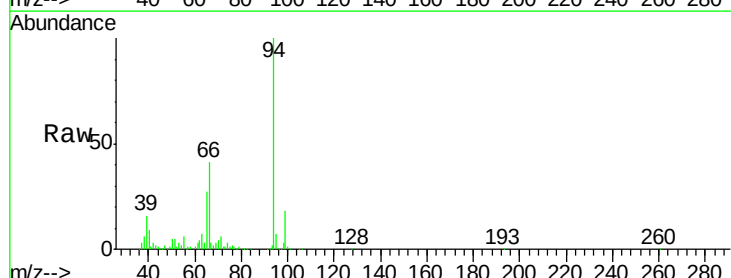
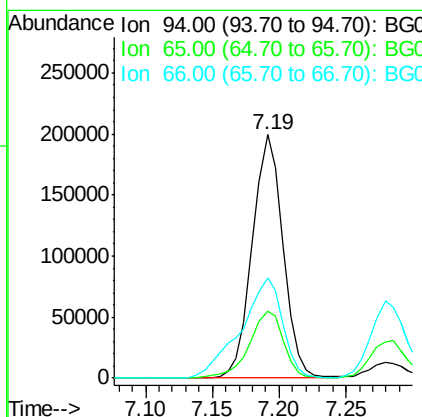
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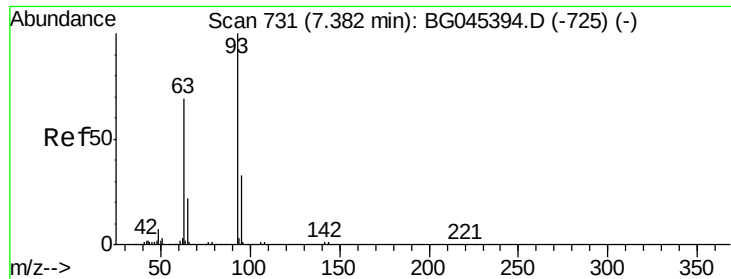
Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	94	Resp:	315287
Ion Ratio	Lower	Upper	
94	100		
65	27.4	9.8	49.8
66	41.0	22.0	62.0





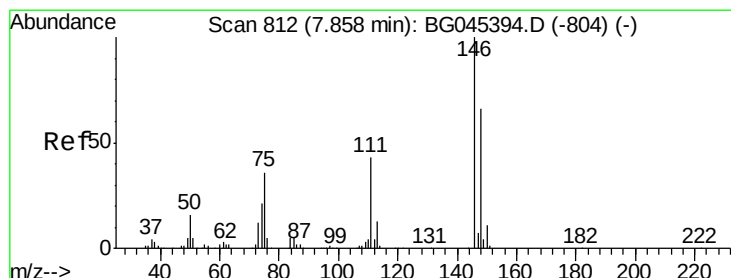
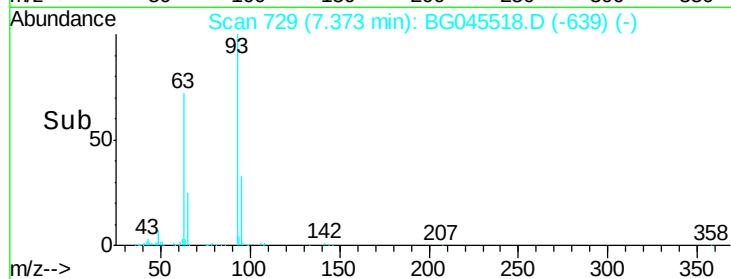
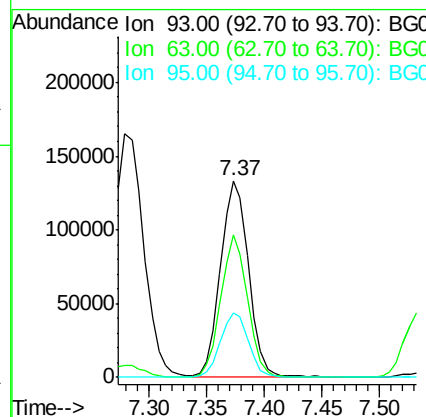
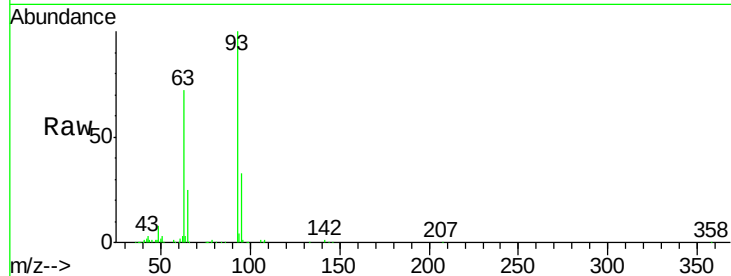
#11
bis(2-Chloroethyl)ether
Concen: 54.00 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion:	93	Resp:	223024
Ion	Ratio	Lower	Upper
93	100		
63	72.5	48.4	88.4
95	32.8	12.4	52.4

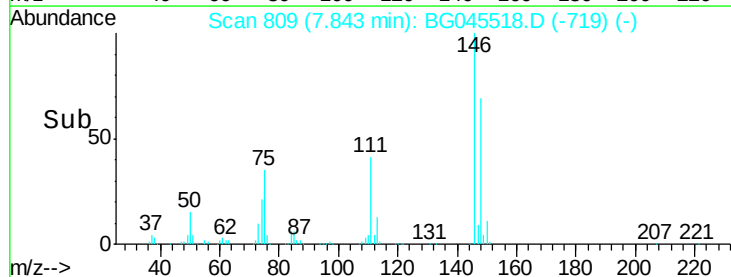
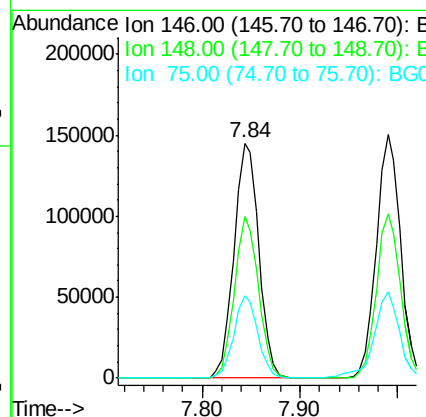
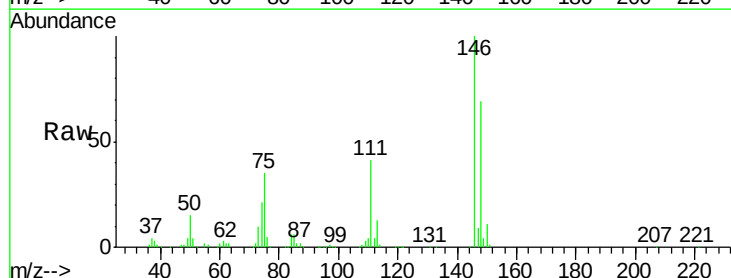
Manual Integrations
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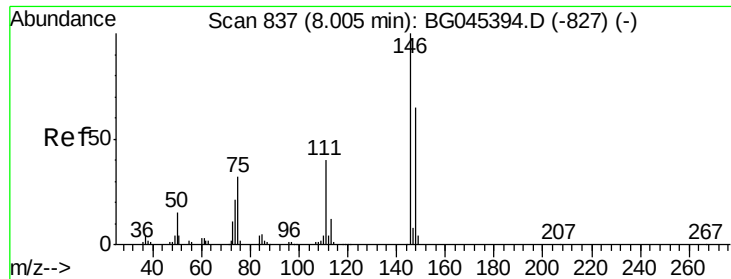
mohammad
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#12
1,3-Dichlorobenzene
Concen: 53.77 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion:	146	Resp:	255803
Ion	Ratio	Lower	Upper
146	100		
148	68.9	53.2	79.8
75	35.2	28.6	43.0





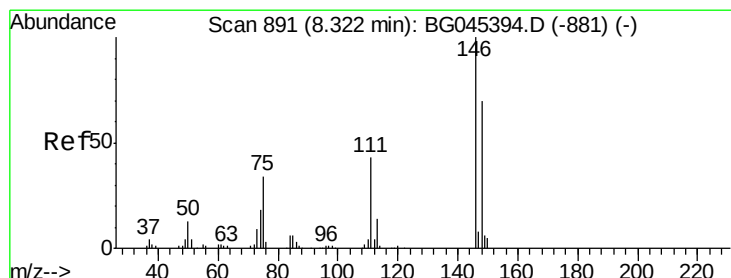
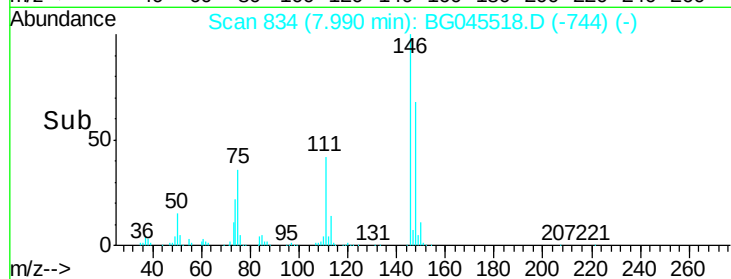
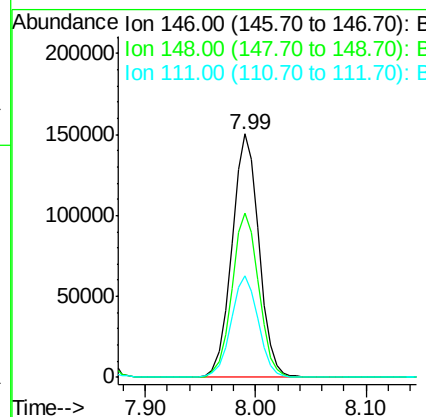
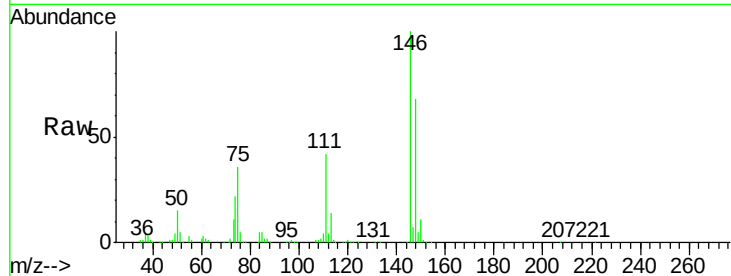
#13
 1,4-Dichlorobenzene
 Concen: 54.92 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	257850		
148	67.5	51.8	77.8	
111	41.8	32.1	48.1	

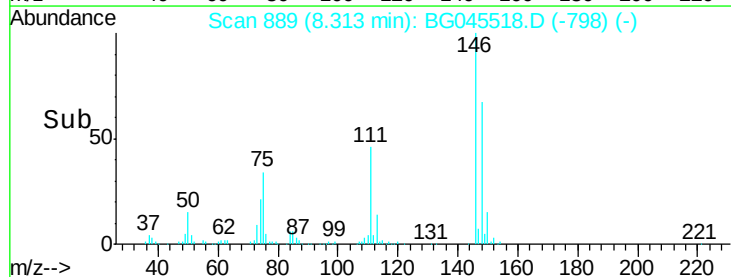
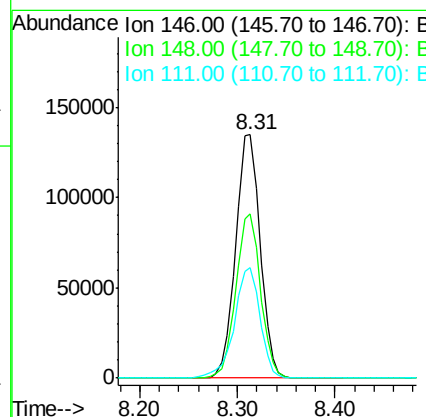
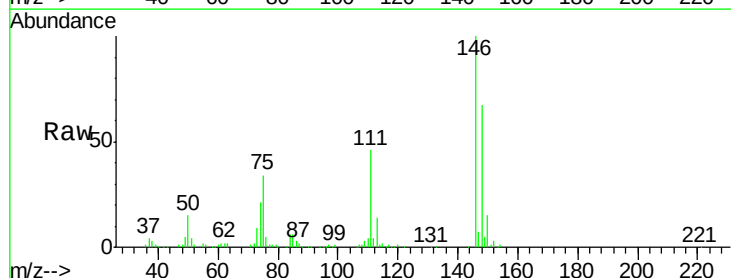
Manual Integrations
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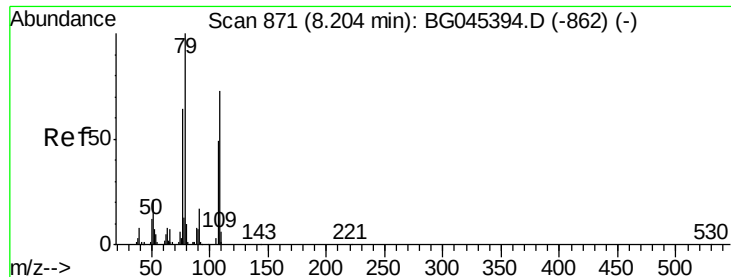
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 52.32 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	236232		
148	67.5	55.9	83.9	
111	45.6	35.0	52.4	





#15

Benzyl Alcohol

Concen: 56.13 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

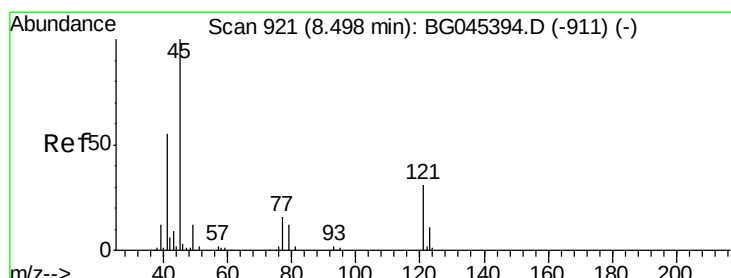
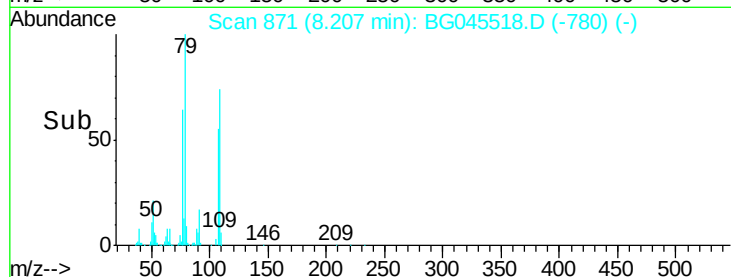
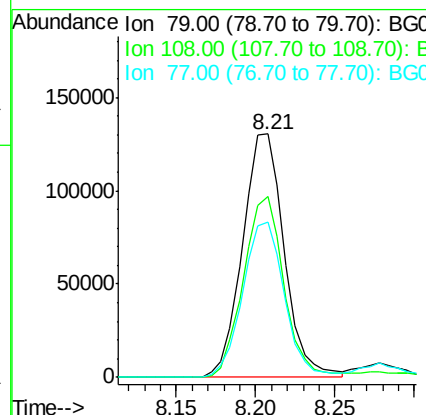
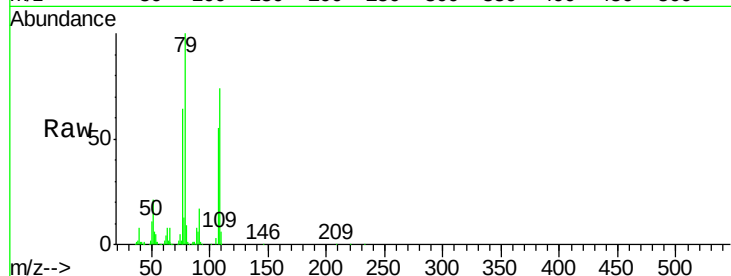
ClientSampleId :

PB129114BS

Tgt Ion:	79	Resp:	238249
Ion	Ratio	Lower	Upper
79	100		
108	74.4	58.2	87.4
77	64.0	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.49 ng

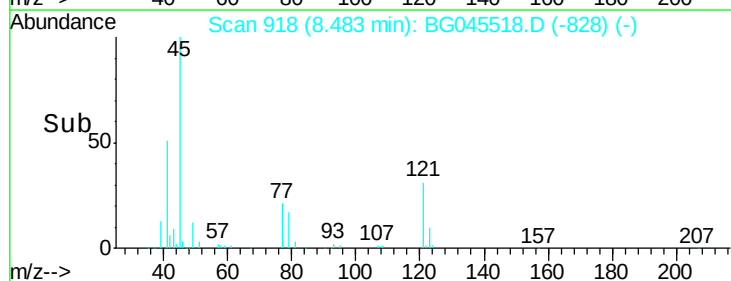
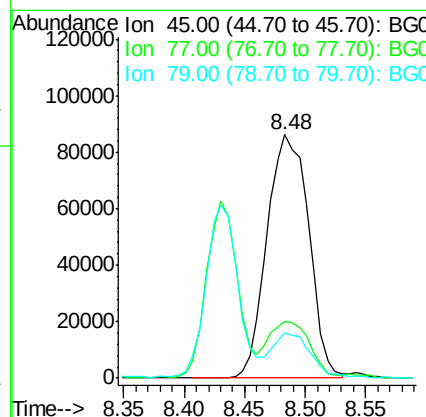
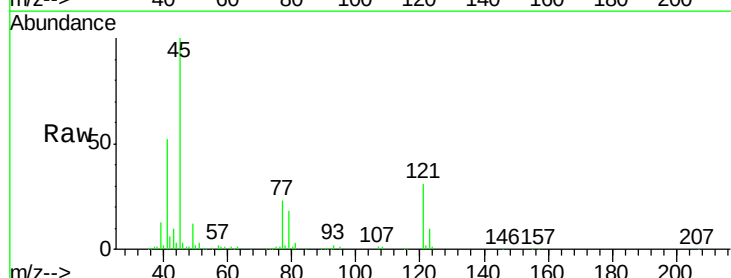
RT: 8.48 min Scan# 918

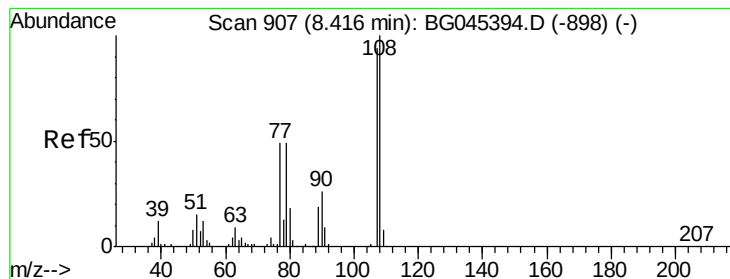
Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	45	Resp:	205787
Ion	Ratio	Lower	Upper
45	100		
77	23.1	4.0	44.0
79	18.4	0.0	38.6





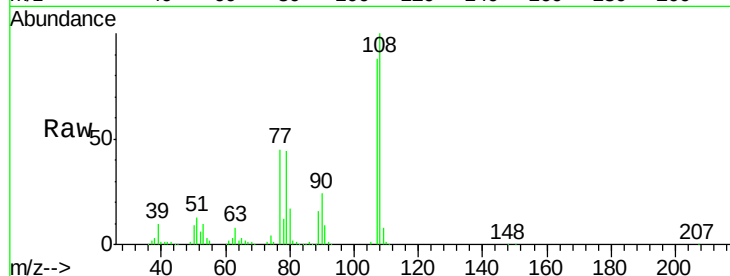
#17
2-Methylphenol
Concen: 54.69 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	216747		
108	113.0	85.2	127.8	
77	50.4	41.6	62.4	
79	49.4	41.8	62.8	

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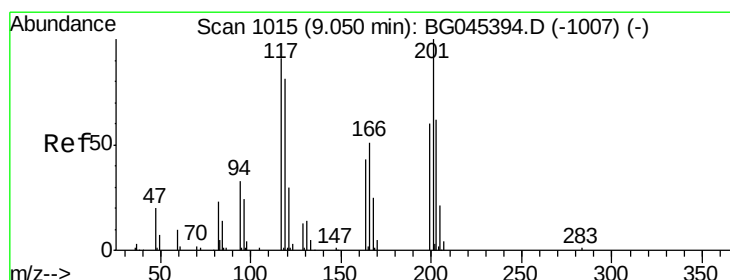
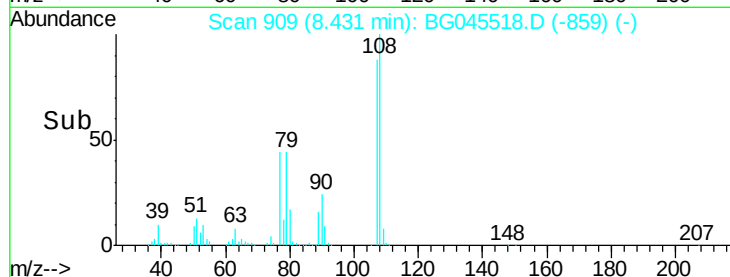
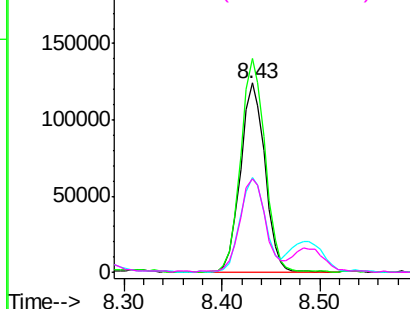
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

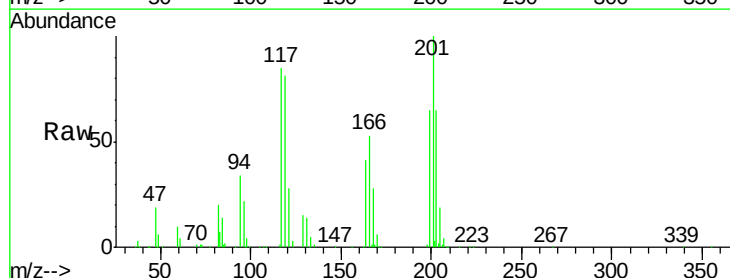
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 54.48 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97962		
119	94.8	71.3	106.9	
201	117.5	87.5	131.3	

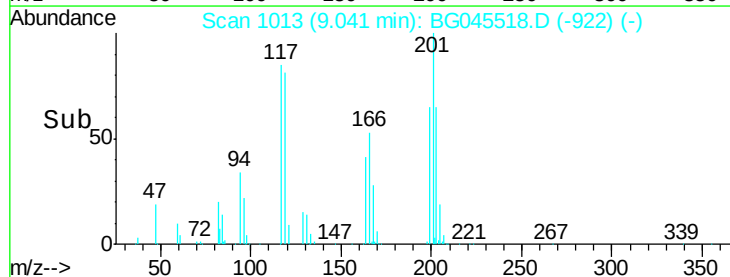
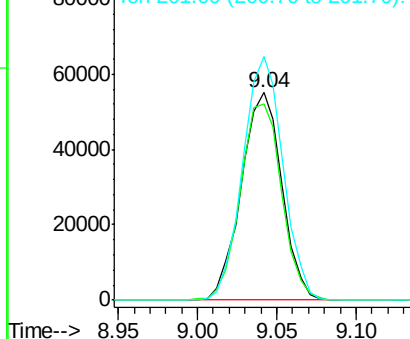


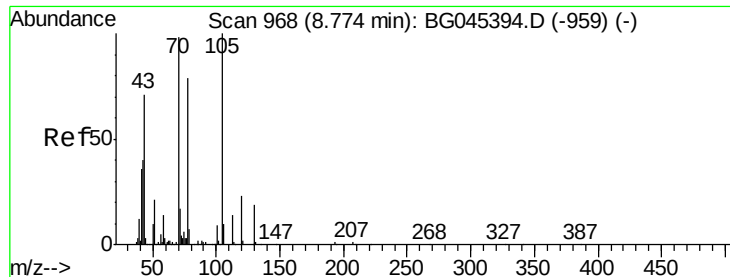
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





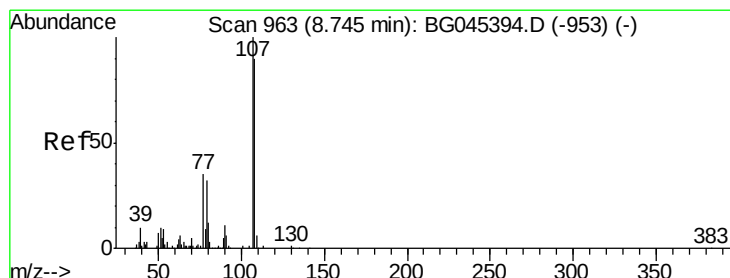
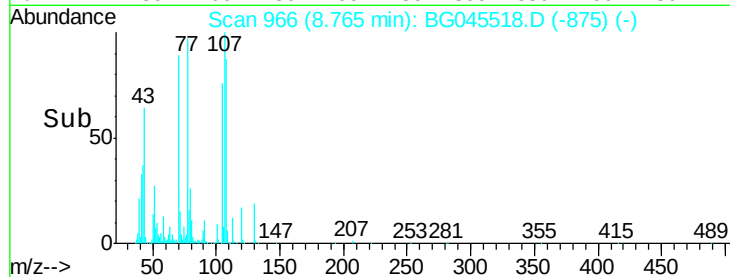
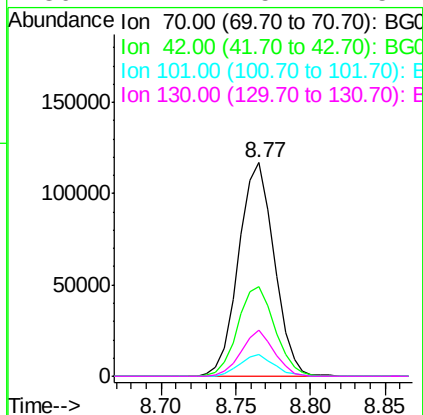
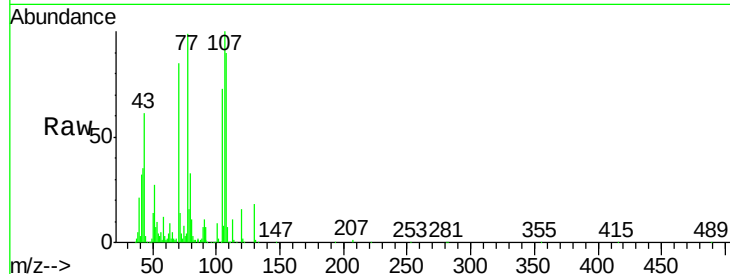
#19
n-Nitroso-di-n-propylamine
Concen: 54.67 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	41.7	33.2	49.8
101	10.3	7.8	11.6
130	21.7	15.4	23.2

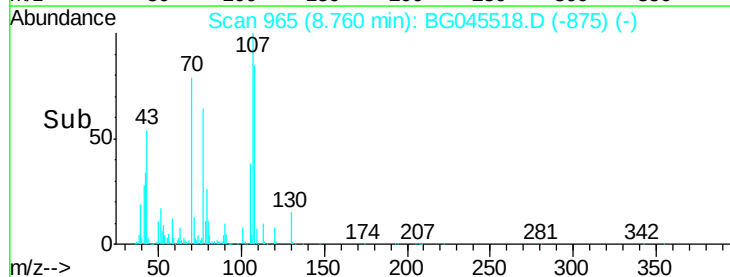
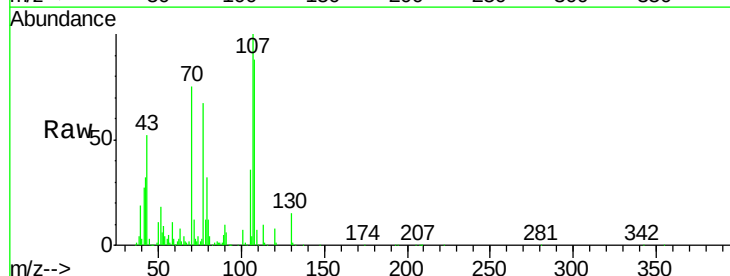
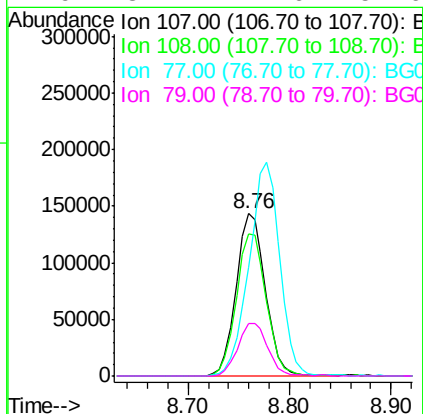
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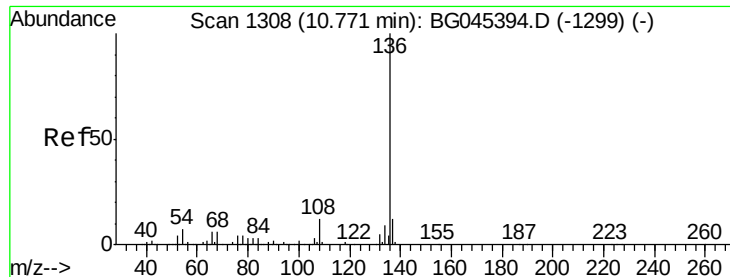
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#20
3+4-Methylphenols
Concen: 53.19 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.3	110.3
77	66.9	15.4	55.4
79	32.4	12.6	52.6





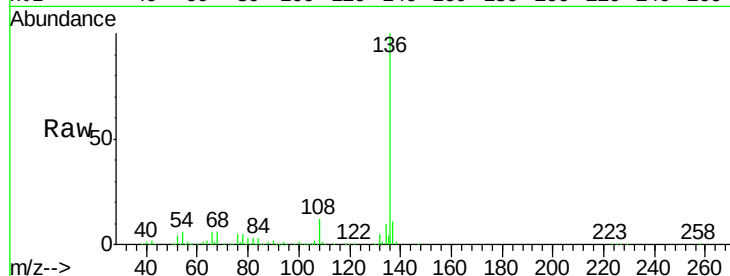
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

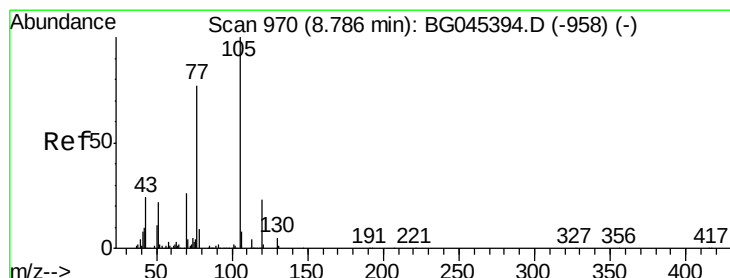
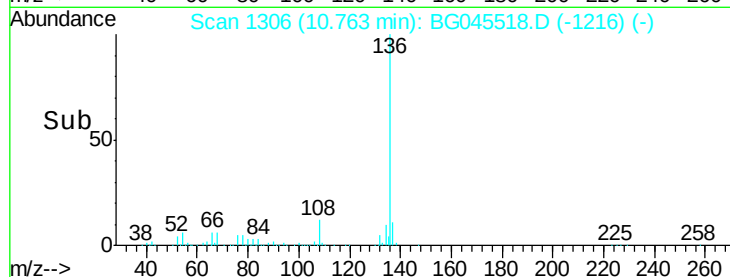
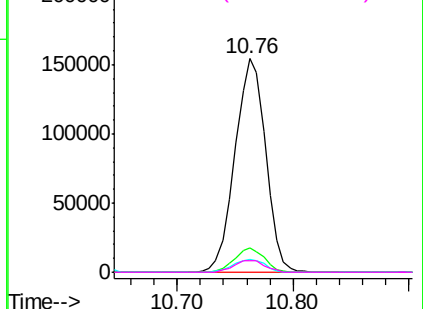
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	283961		
137	11.2	9.4	14.2	
54	6.0	5.8	8.6	
68	5.7	4.5	6.7	

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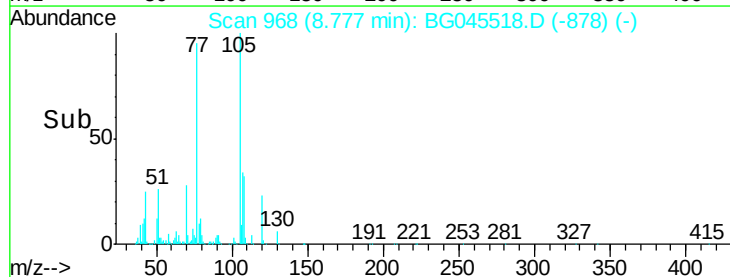
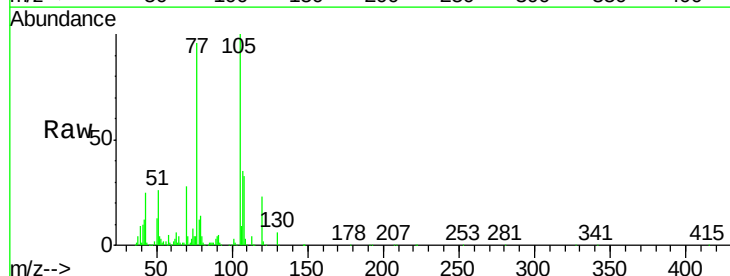
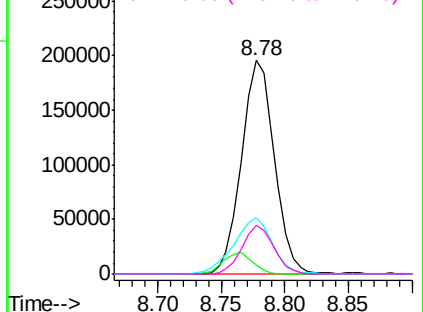
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

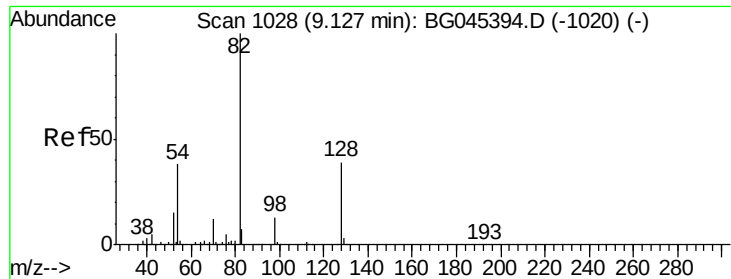


#22
Acetophenone
Concen: 52.64 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354270		
71	4.1	3.4	5.0	
51	26.2	18.2	27.2	
120	22.5	18.6	27.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





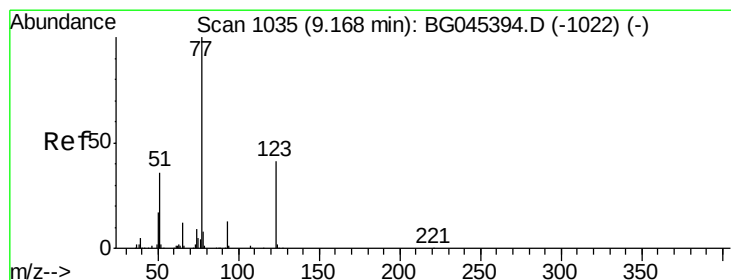
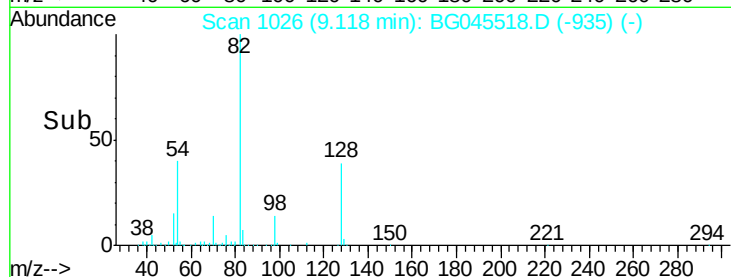
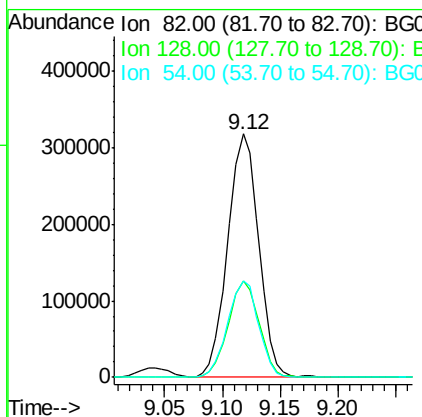
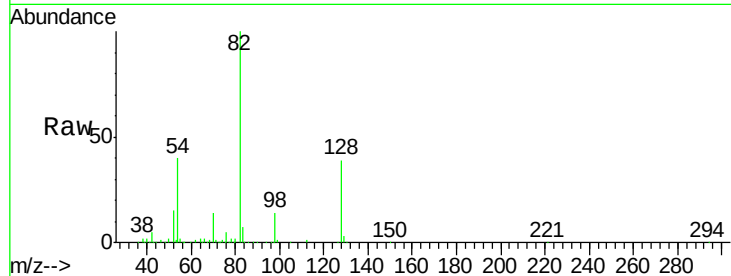
#23
 Nitrobenzene-d5
 Concen: 113.25 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	589715		
128	39.5	30.9	46.3	
54	39.6	30.3	45.5	

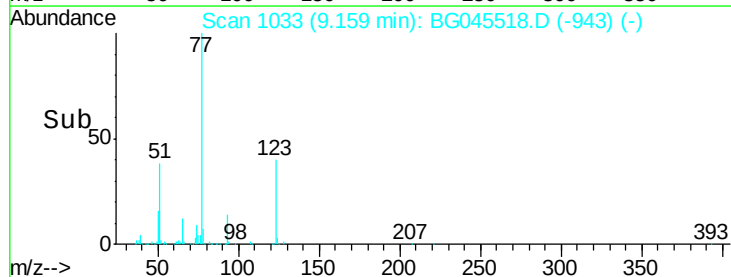
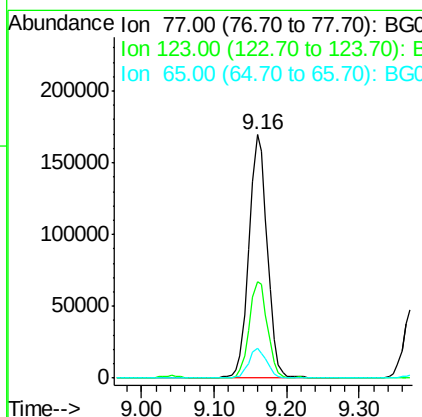
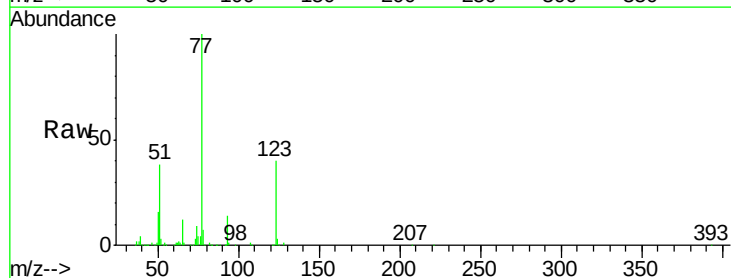
Manual Integrations
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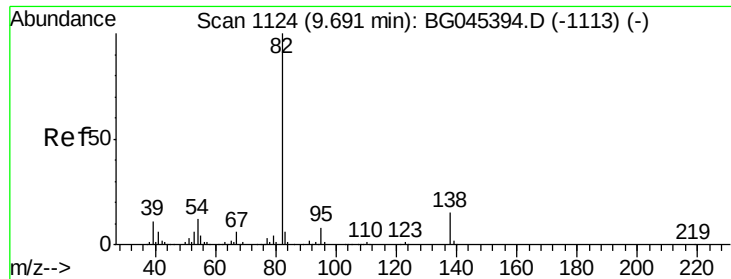
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#24
 Nitrobenzene
 Concen: 53.51 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	298539		
123	39.7	32.9	49.3	
65	12.2	9.4	14.2	





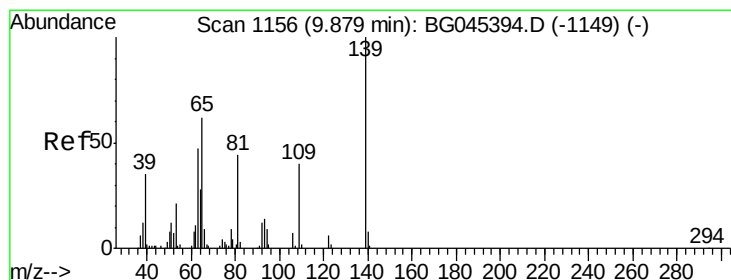
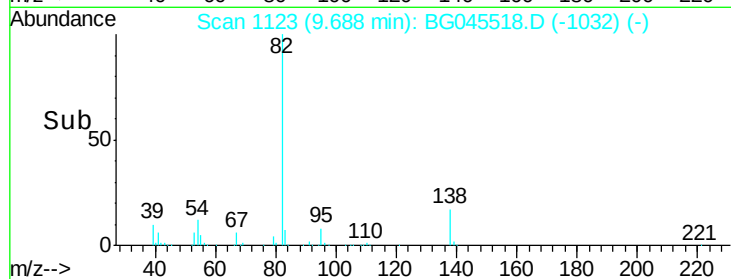
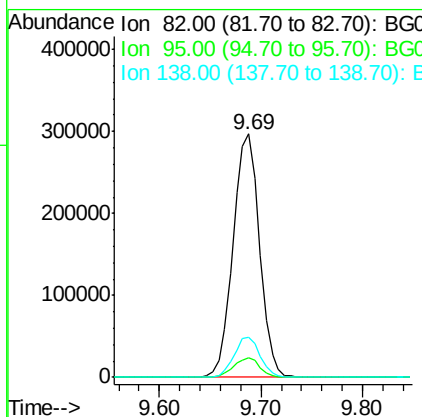
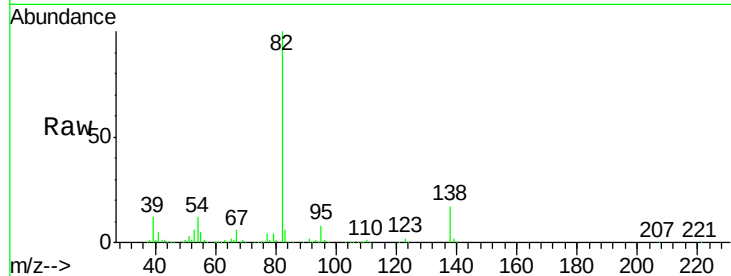
#25
Isophorone
Concen: 52.42 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.1	6.7	10.1
138	16.6	12.2	18.4

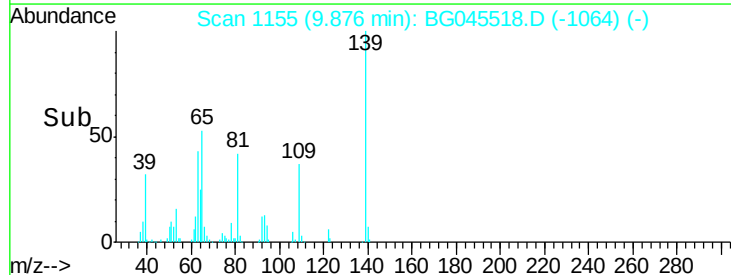
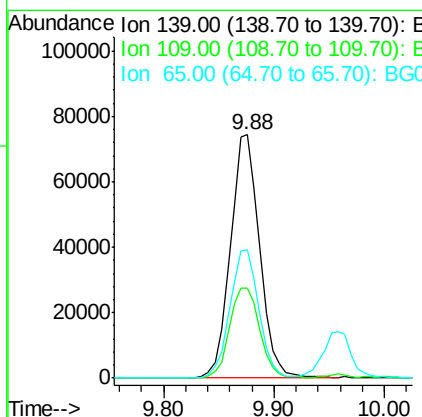
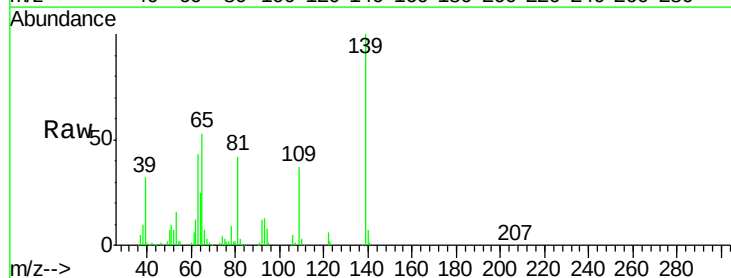
Manual Integrations
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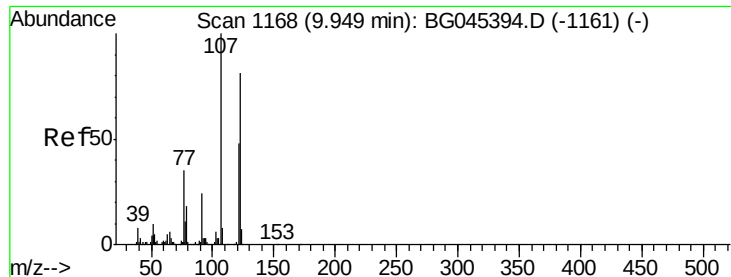
mohammad
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#26
2-Nitrophenol
Concen: 57.75 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	36.9	32.2	48.4
65	52.9	49.6	74.4





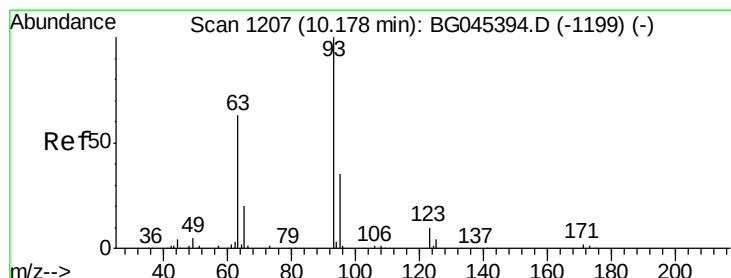
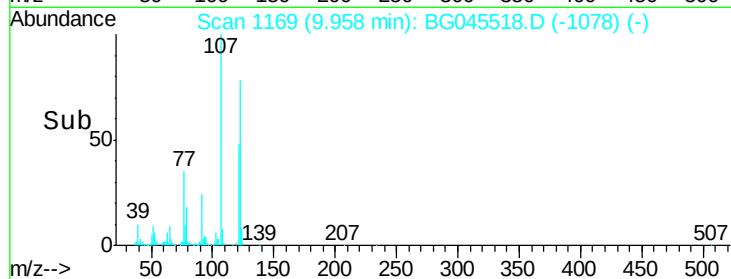
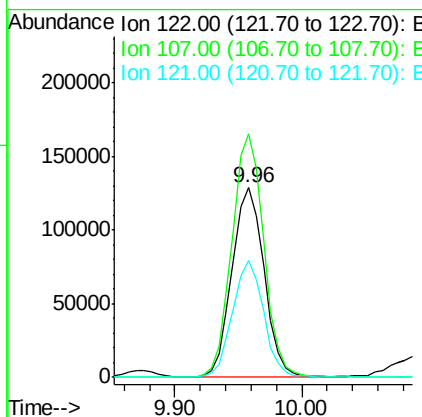
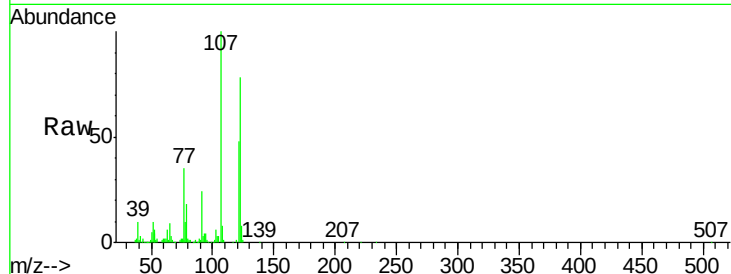
#27
2,4-Dimethylphenol
Concen: 63.89 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	226154		
107	128.3	99.0	148.4	
121	61.4	47.7	71.5	

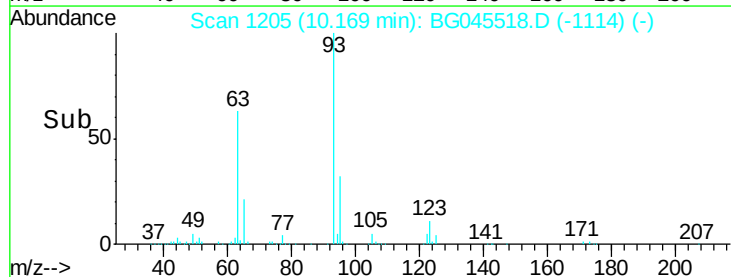
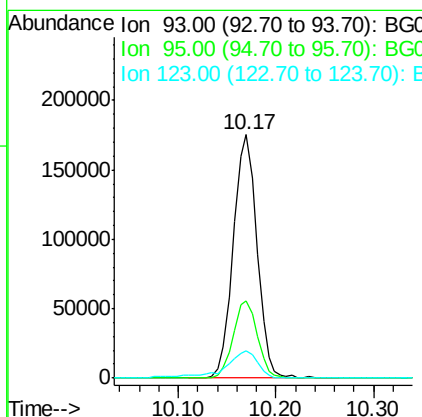
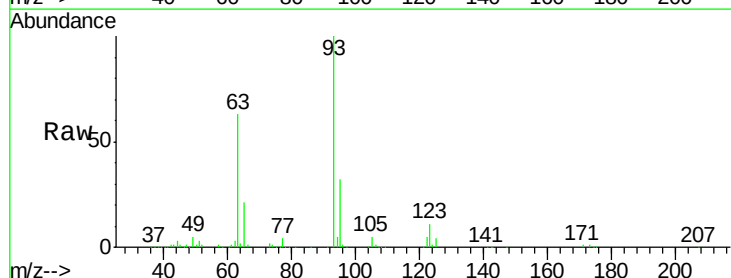
Manual Integrations
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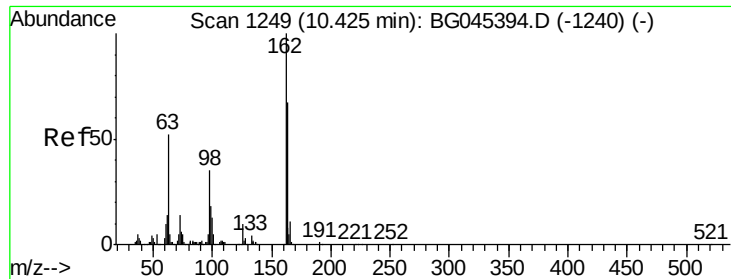
mohammad
6/1/2020 12:22:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 54.81 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294776		
95	31.8	27.6	41.4	
123	11.4	8.1	12.1	





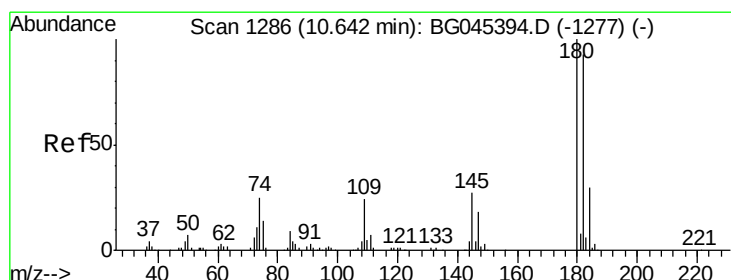
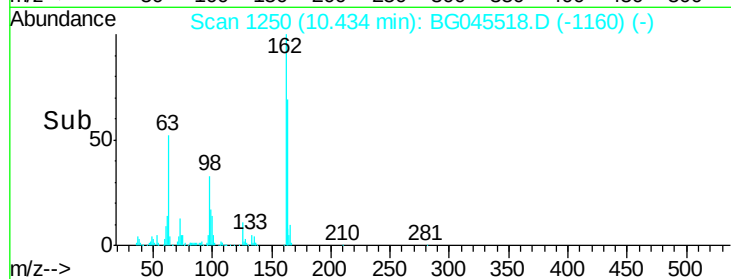
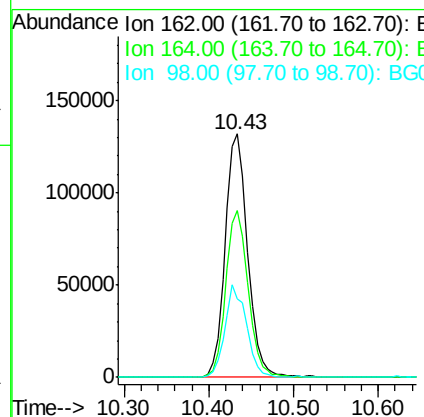
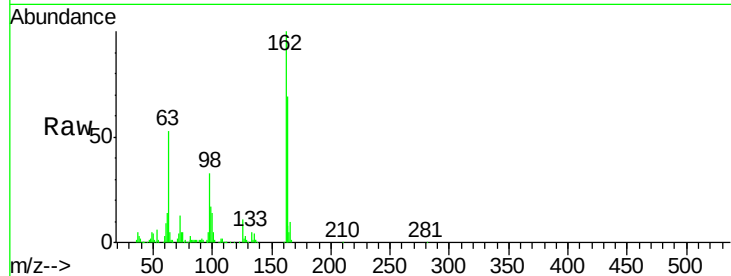
#29
 2,4-Dichlorophenol
 Concen: 58.35 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.6	46.8	86.8
98	32.5	15.2	55.2

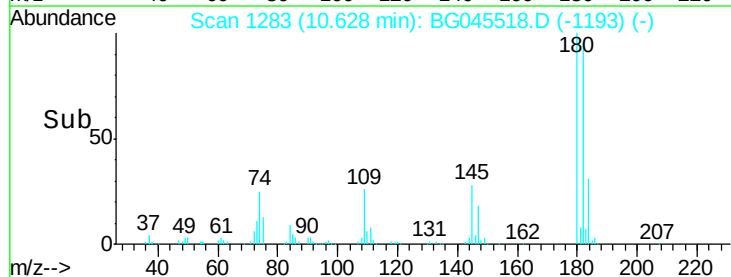
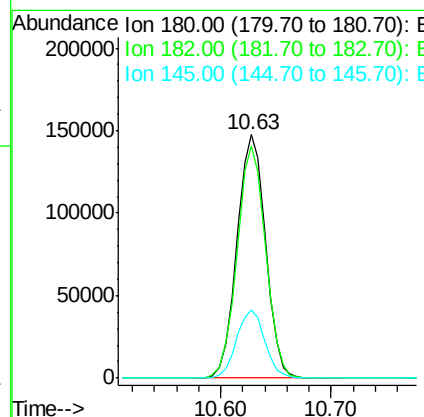
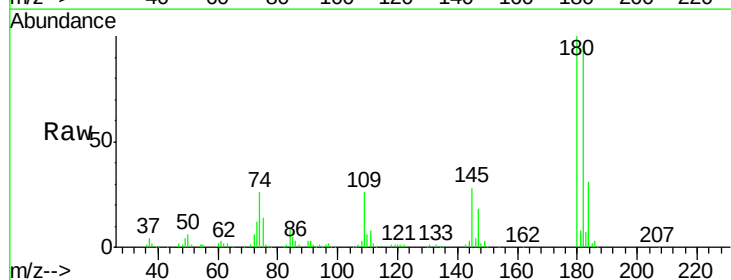
Manual Integrations
 APPROVED

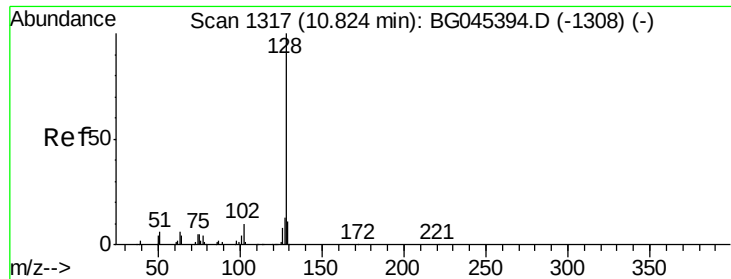
mohammad
 6/1/2020 12:22:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 54.37 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	74.8	112.2
145	27.9	21.9	32.9





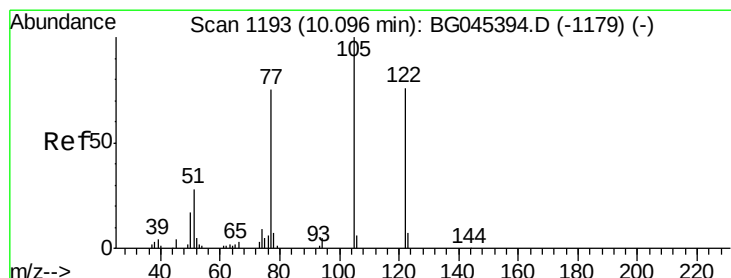
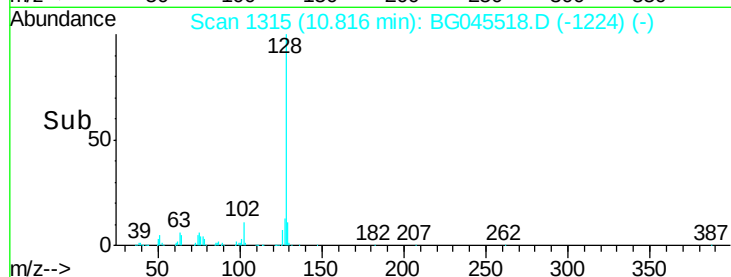
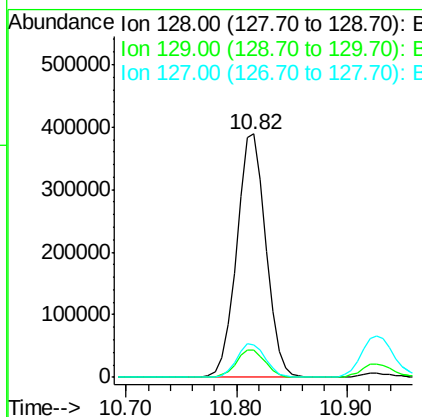
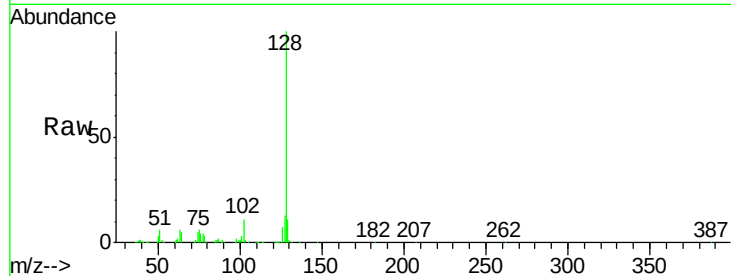
#31
Naphthalene
Concen: 54.43 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	720182		
129	11.4	9.0	13.6	
127	13.2	10.7	16.1	

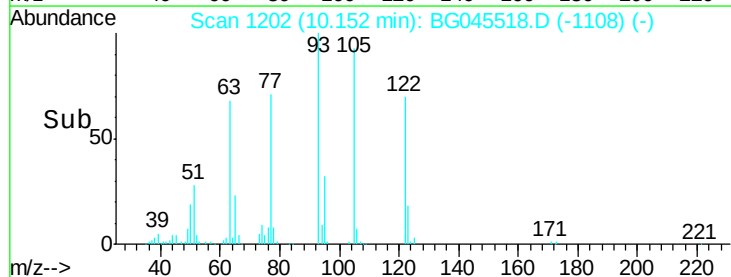
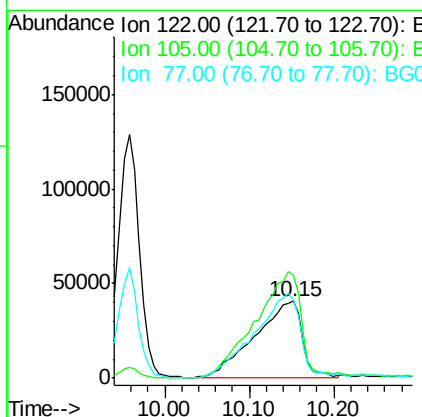
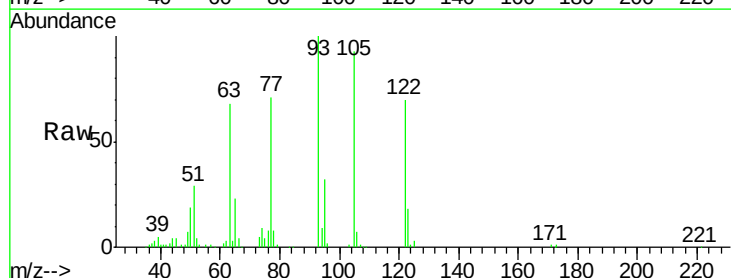
Manual Integrations
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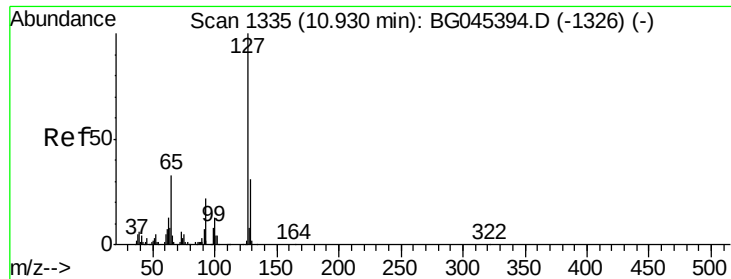
mohammad
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#32
Benzoic acid
Concen: 60.66 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	154070		
105	133.9	107.9	147.9	
77	102.0	78.9	118.9	





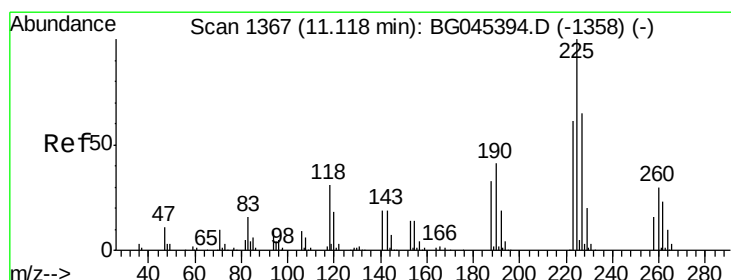
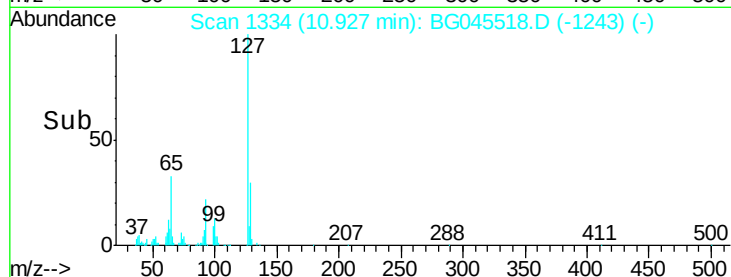
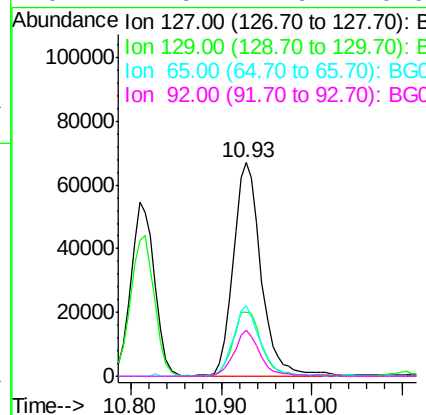
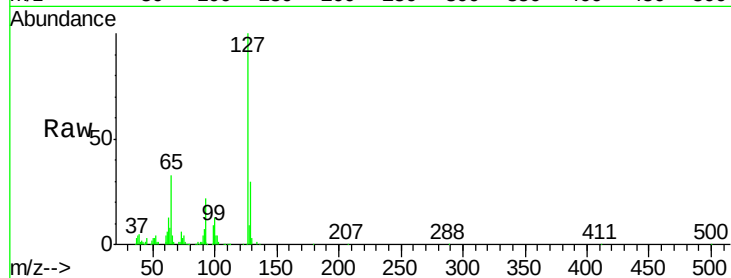
#33
4-Chloroaniline
Concen: 25.92 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	143359		
129	30.1	24.7	37.1	
65	32.8	26.2	39.2	
92	21.5	17.9	26.9	

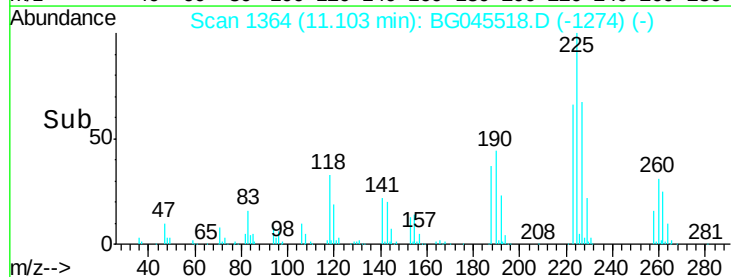
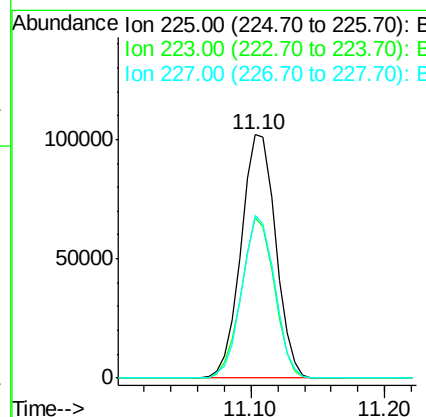
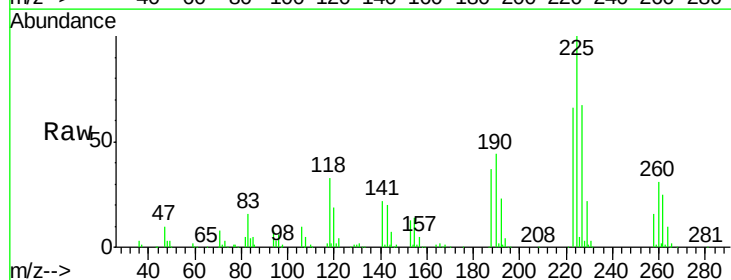
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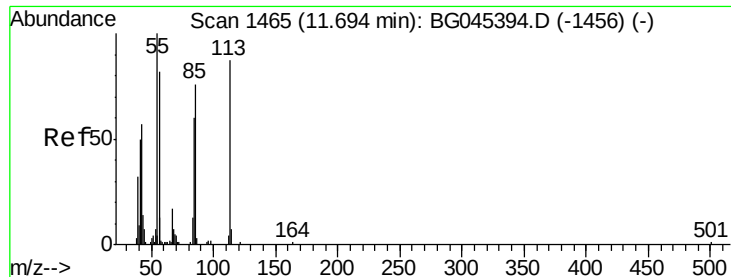
mohammad
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#34
Hexachlorobutadiene
Concen: 52.34 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182737		
223	66.0	49.1	73.7	
227	67.1	52.0	78.0	





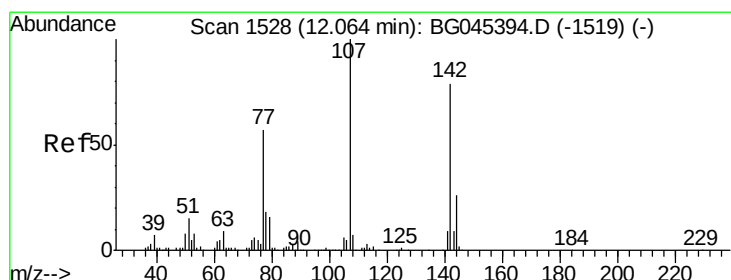
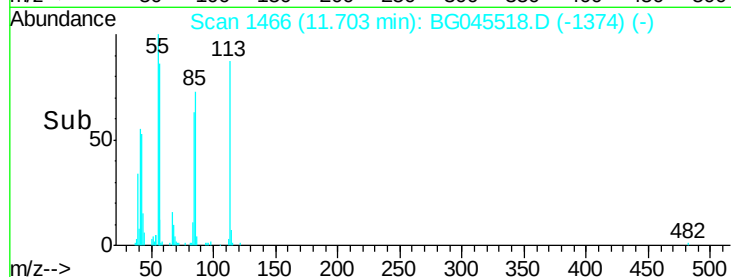
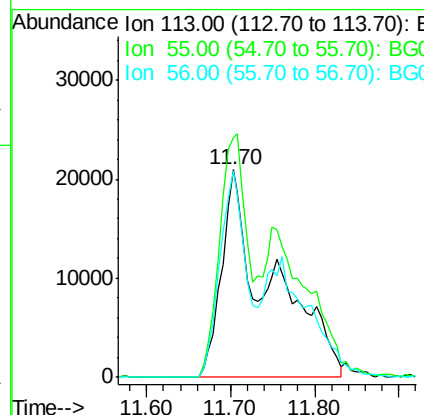
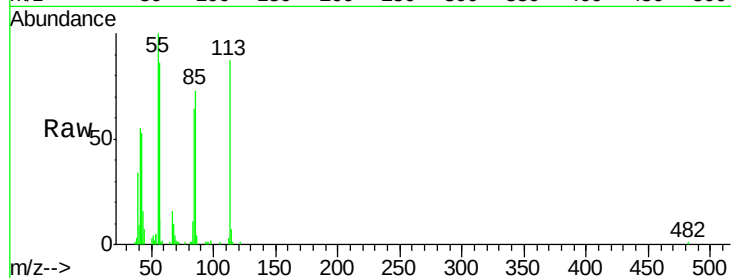
#35
 Caprolactam
 Concen: 55.52 ng m
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	85190		
55	115.6	96.0	136.0	
56	99.5	75.1	115.1	

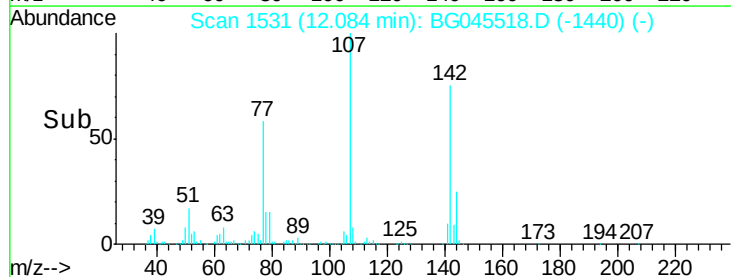
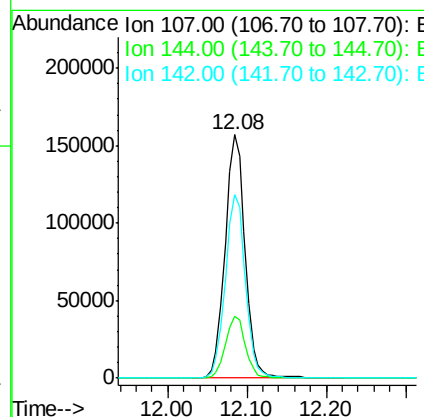
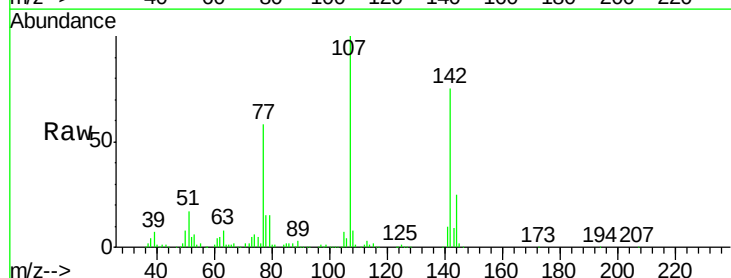
Manual Integrations
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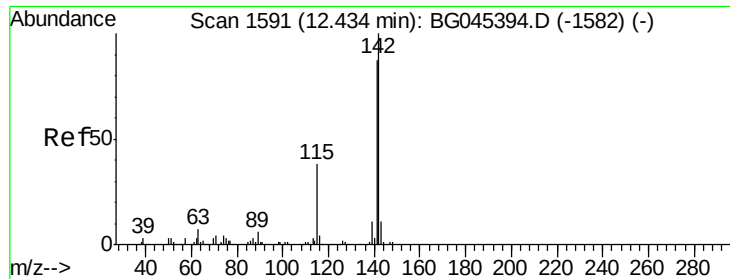
mohammad
 6/1/2020 12:22:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 58.45 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	275334		
144	25.4	20.8	31.2	
142	75.3	62.8	94.2	





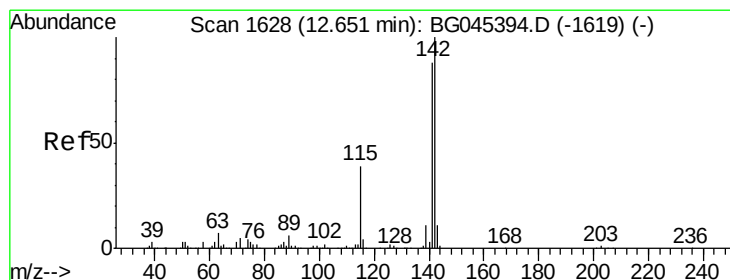
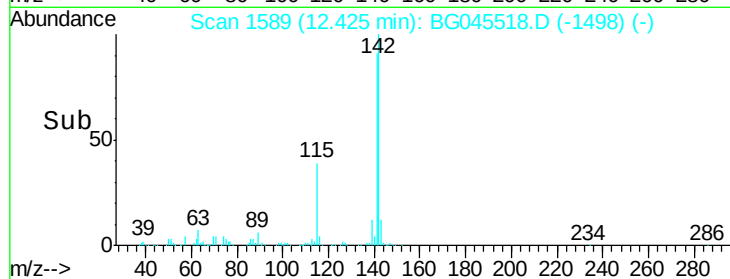
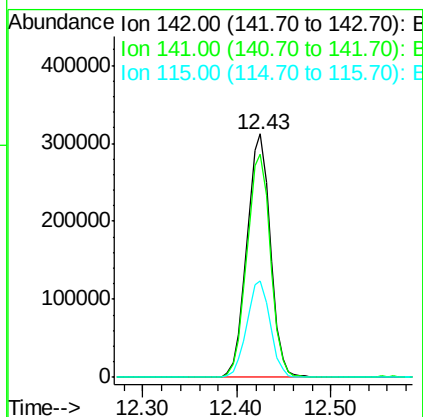
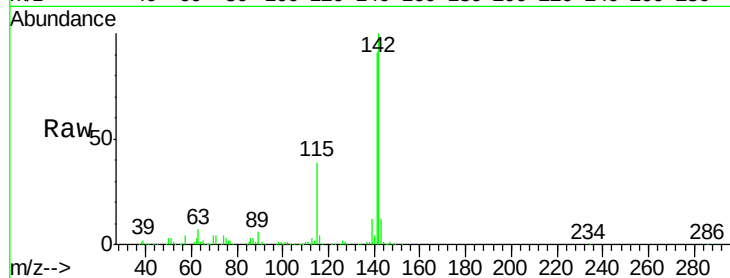
#37
2-Methylnaphthalene
Concen: 54.56 ng
RT: 12.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.0	105.0
115	39.4	30.8	46.2

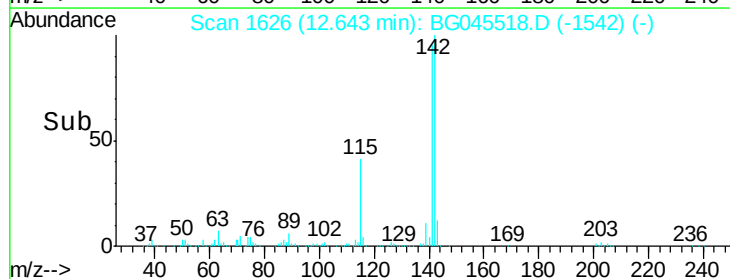
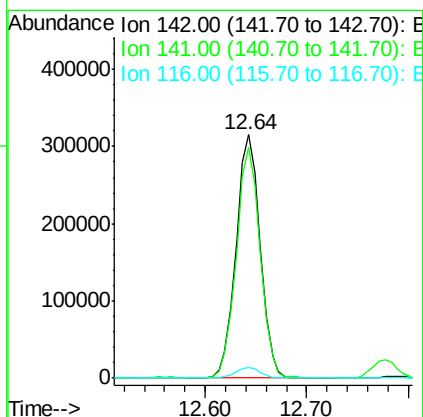
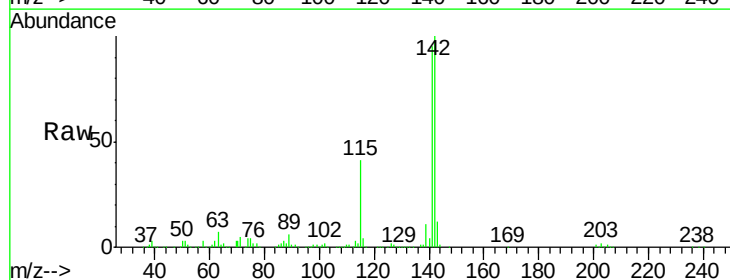
Manual Integrations
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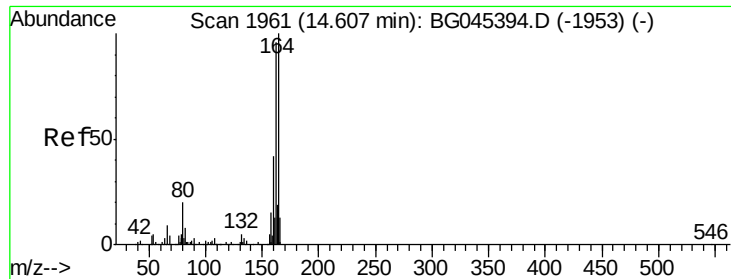
mohammad
6/1/2020 12:22:34 PM



#38
1-Methylnaphthalene
Concen: 55.48 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	70.8	106.2
116	4.3	3.0	4.6





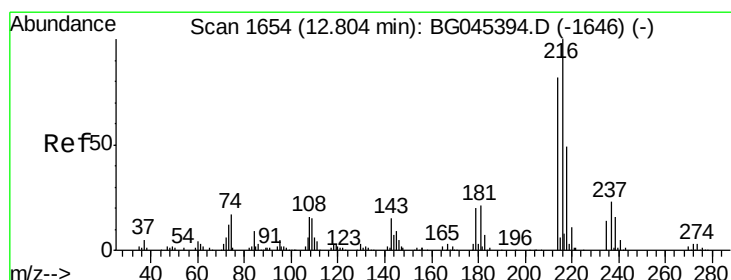
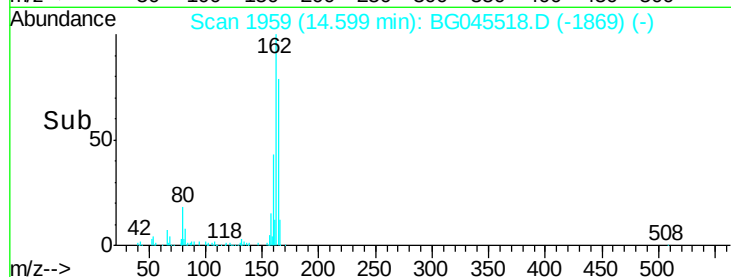
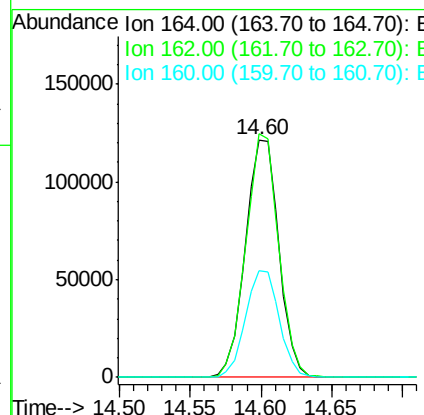
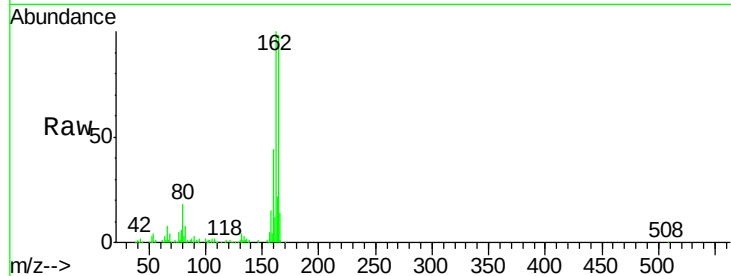
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201842		
162	102.4	76.9	115.3	
160	44.7	33.8	50.8	

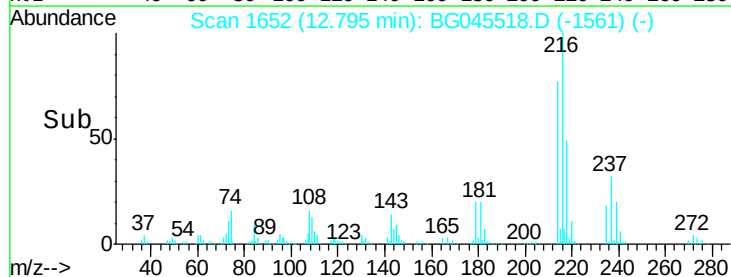
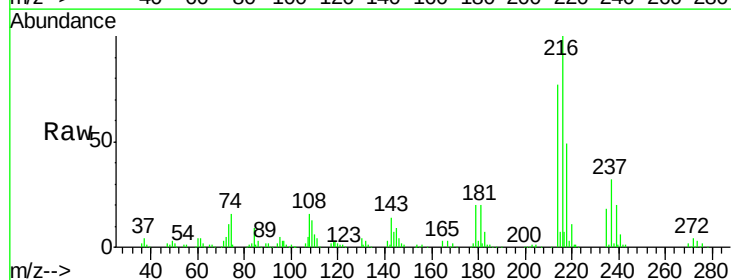
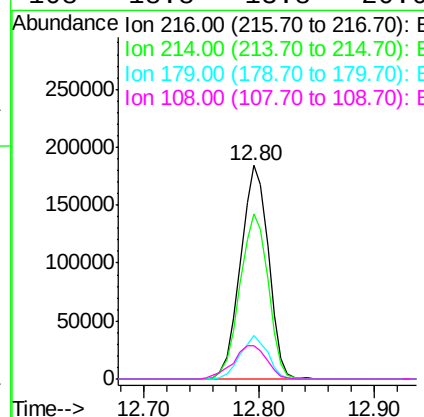
Manual Integrations
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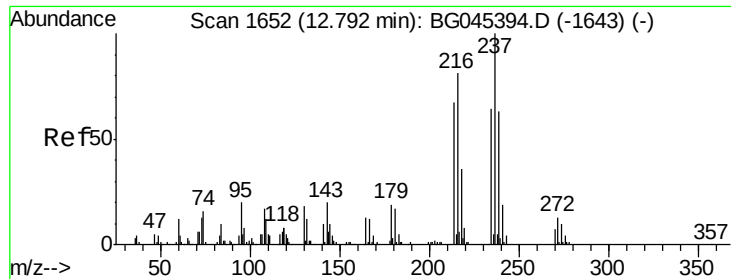
mohammad
6/1/2020 12:22:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.77 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	308807		
214	78.3	63.7	95.5	
179	20.0	16.1	24.1	
108	18.8	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 114.49 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

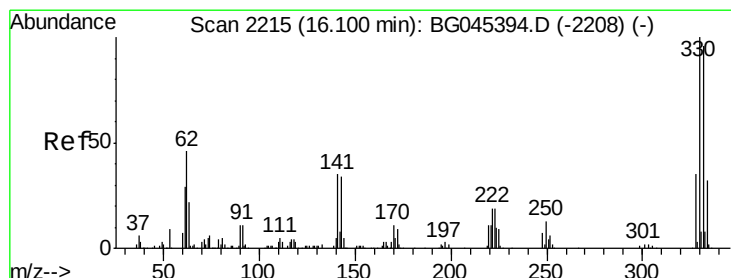
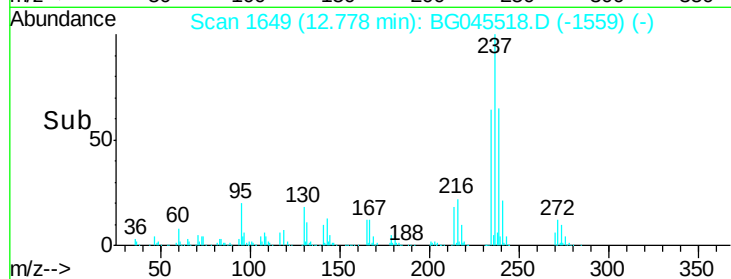
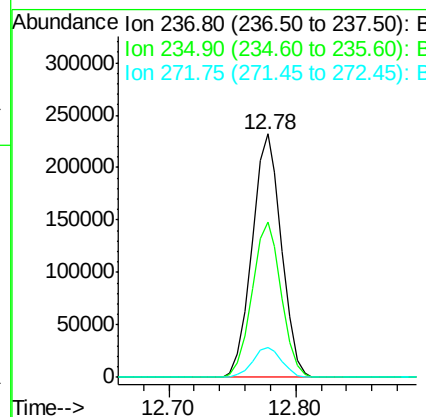
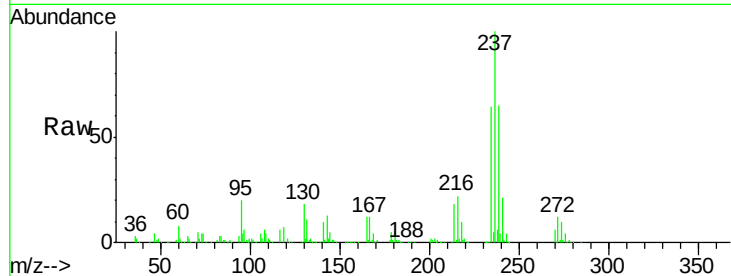
ClientSampleId :

PB129114BS

Tgt Ion:	237	Resp:	372542
Ion Ratio		Lower	Upper
237	100		
235	63.7	44.4	84.4
272	12.2	0.0	32.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 171.91 ng

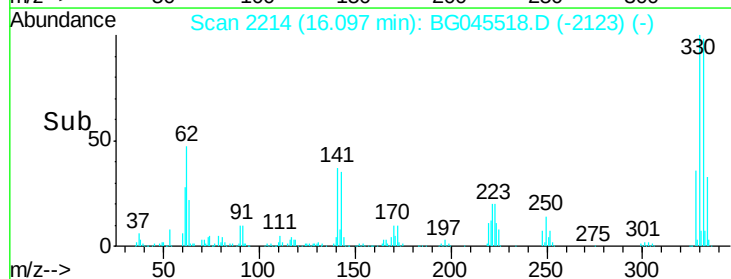
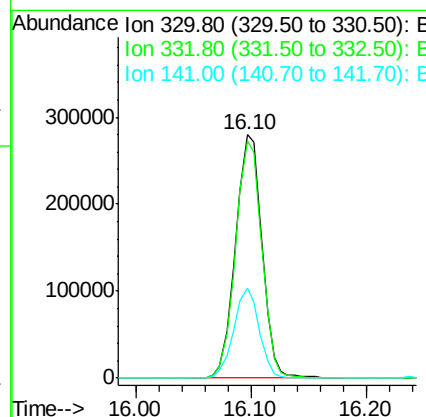
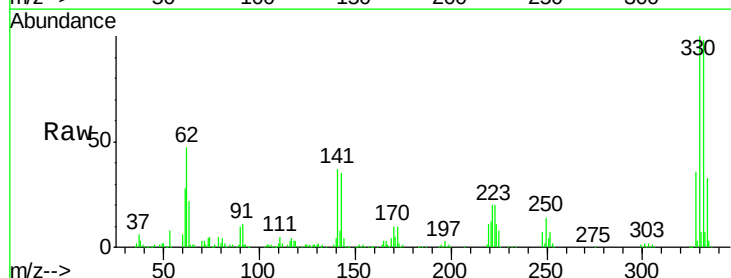
RT: 16.10 min Scan# 2214

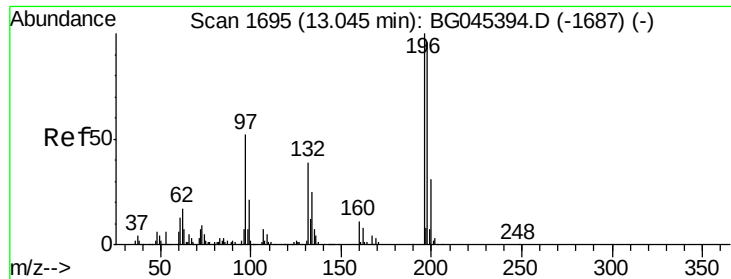
Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	330	Resp:	443750
Ion Ratio		Lower	Upper
330	100		
332	97.4	78.2	117.4
141	35.5	28.2	42.4





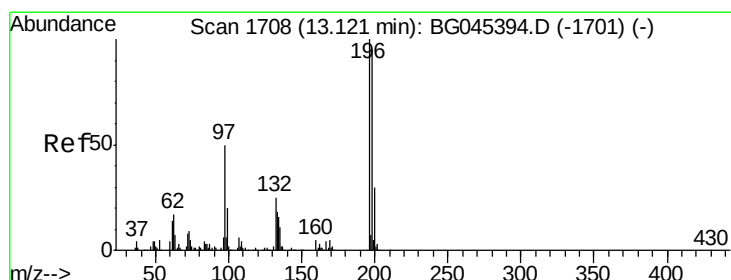
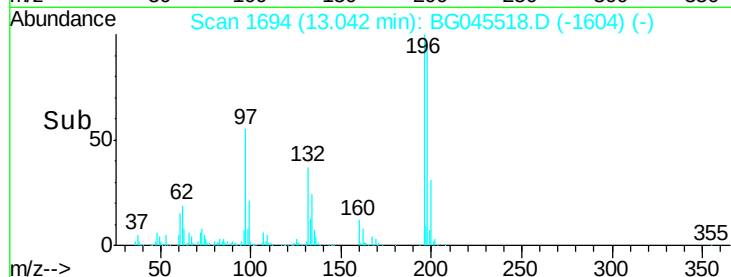
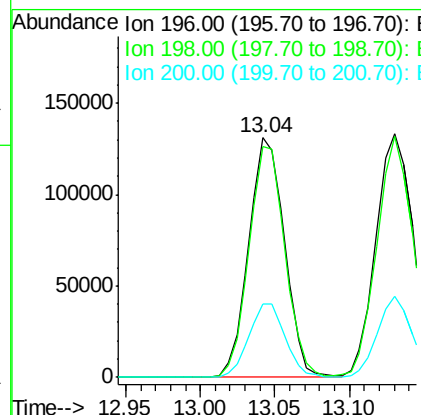
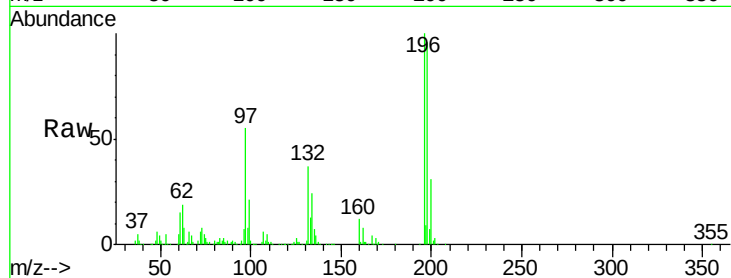
#43
2,4,6-Trichlorophenol
Concen: 55.60 ng
RT: 13.04 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217742		
198	96.5	76.7	115.1	
200	30.8	24.9	37.3	

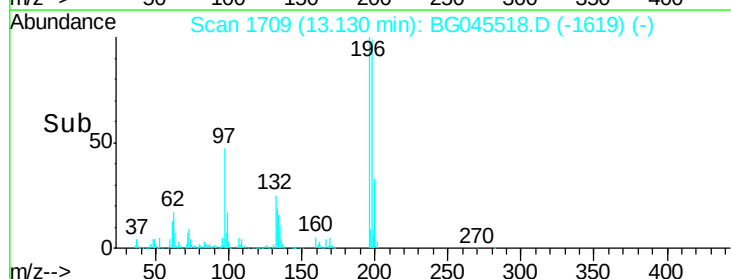
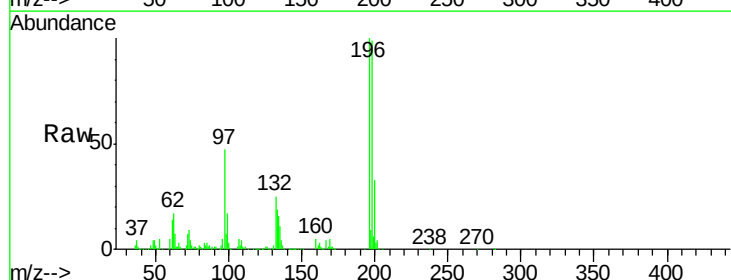
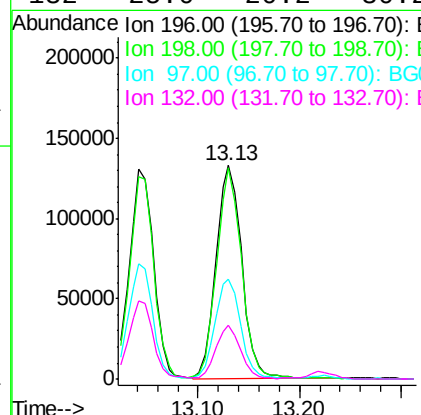
Manual Integrations
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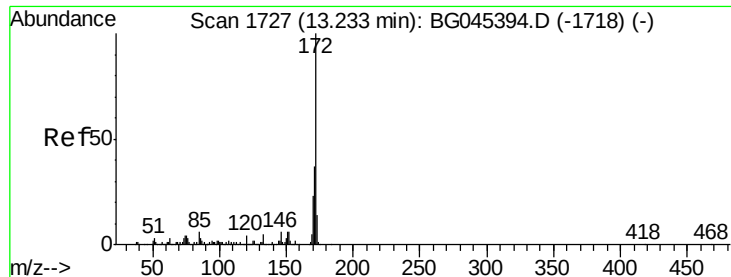
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 52.53 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235112		
198	98.8	76.1	114.1	
97	47.0	40.0	60.0	
132	25.0	20.2	30.2	





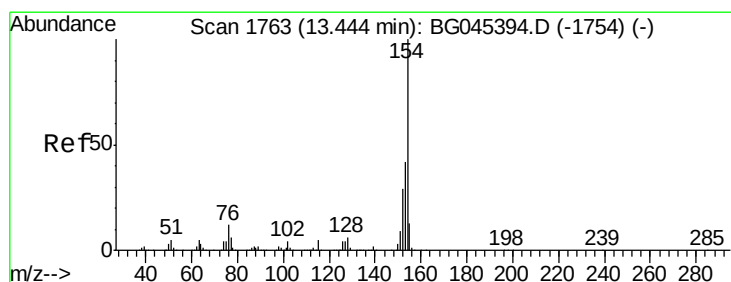
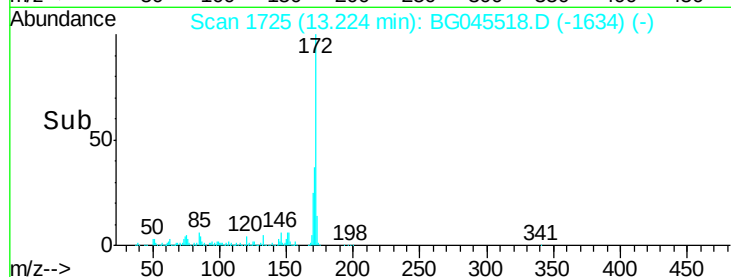
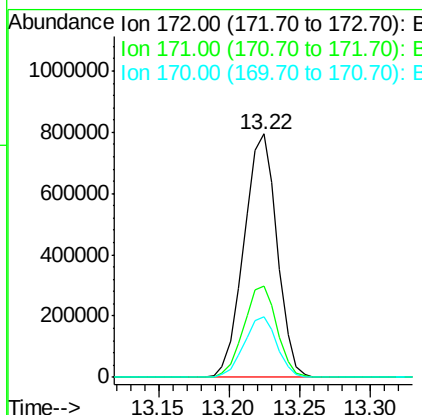
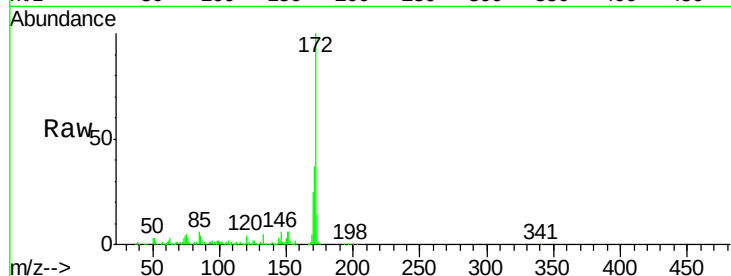
#45
2-Fluorobiphenyl
Concen: 109.76 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	25.0	18.5	27.7

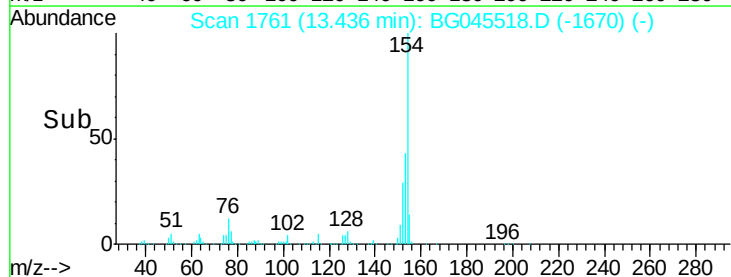
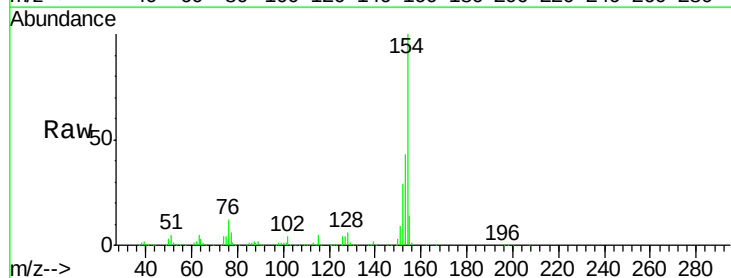
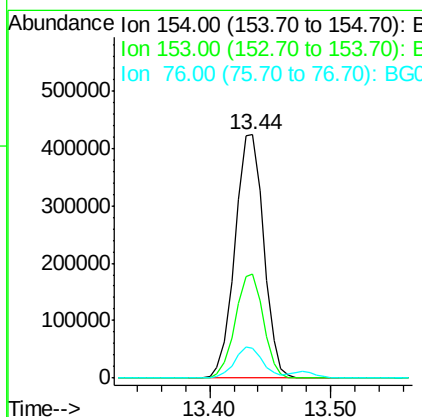
Manual Integrations
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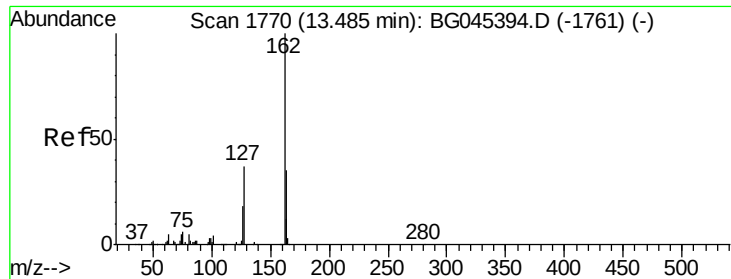
mohammad
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#46
1,1'-Biphenyl
Concen: 56.76 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.2	62.2
76	12.5	0.0	32.4





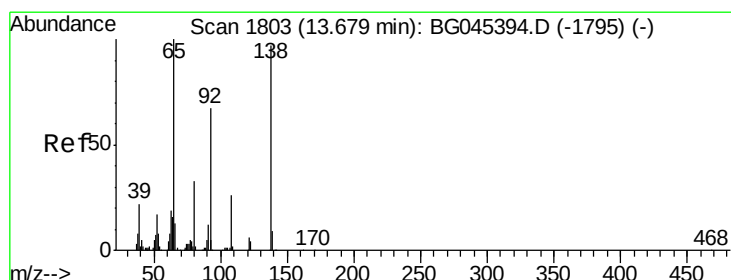
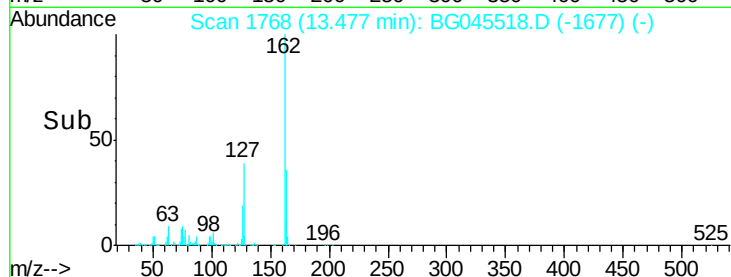
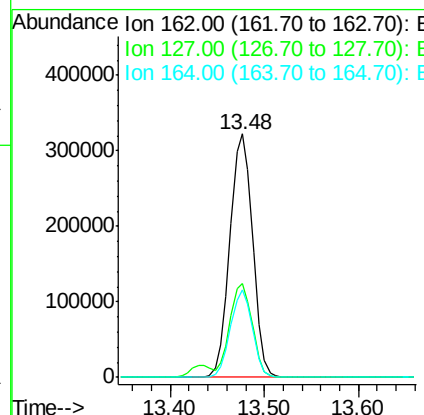
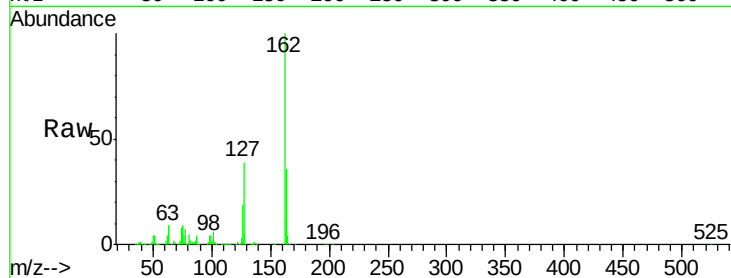
#47
 2-Chloronaphthalene
 Concen: 53.81 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	541911		
127	38.7		31.6	47.4
164	35.8		28.1	42.1

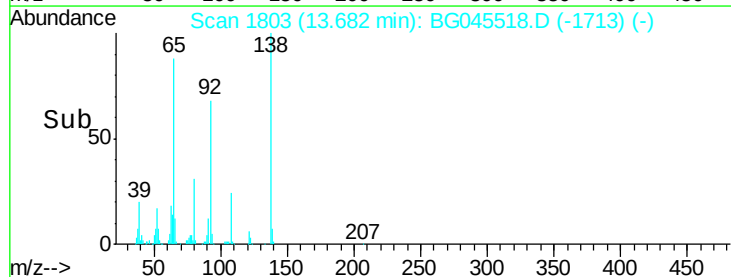
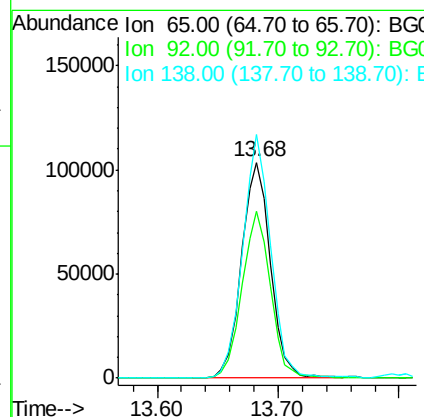
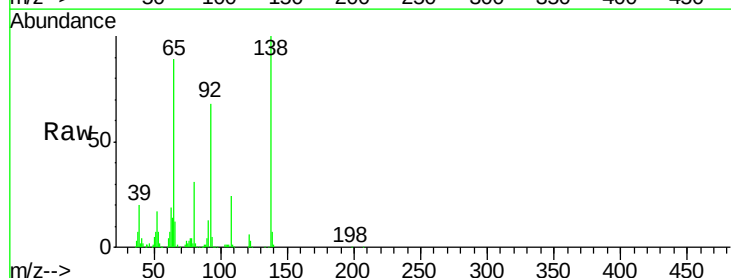
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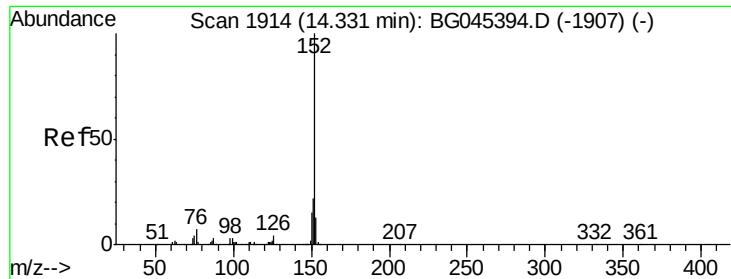
mohammad
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#48
 2-Nitroaniline
 Concen: 52.41 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	173611		
92	77.0		53.8	80.8
138	112.8		77.9	116.9





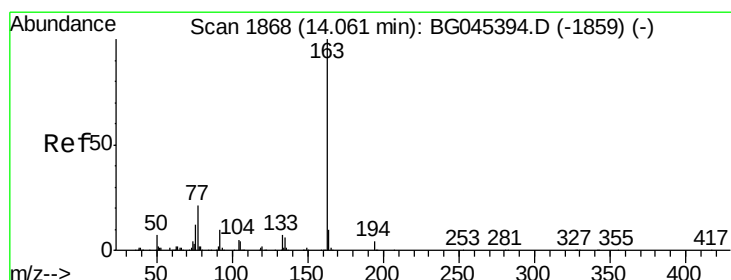
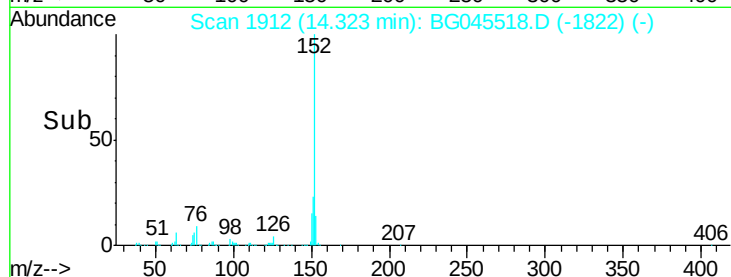
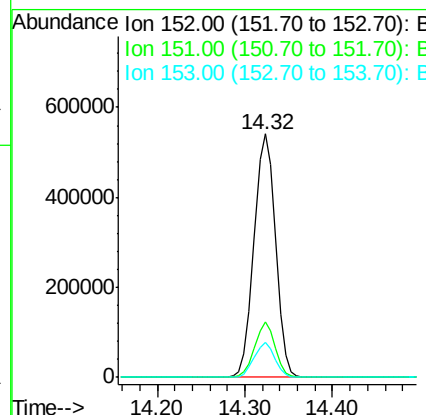
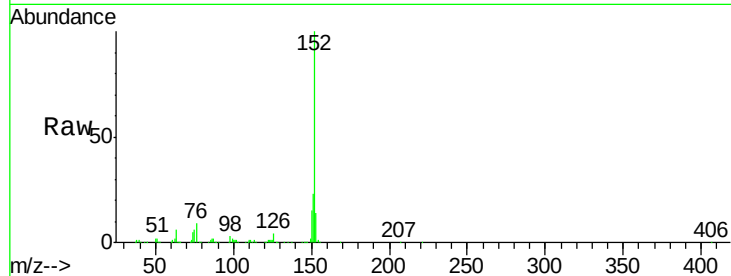
#49
Acenaphthylene
Concen: 55.34 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	895200		
151	22.8	17.4	26.2	
153	14.3	10.7	16.1	

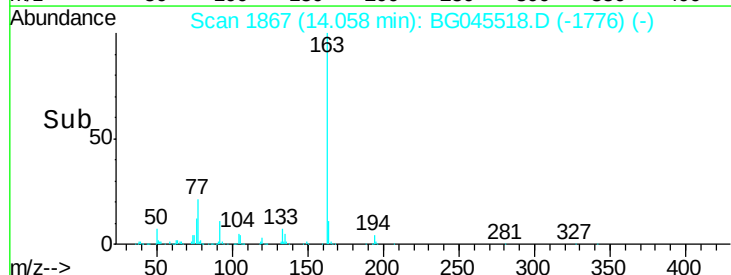
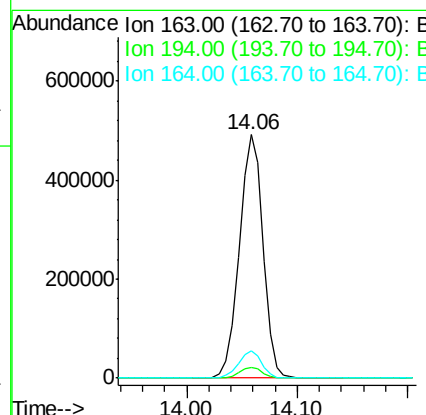
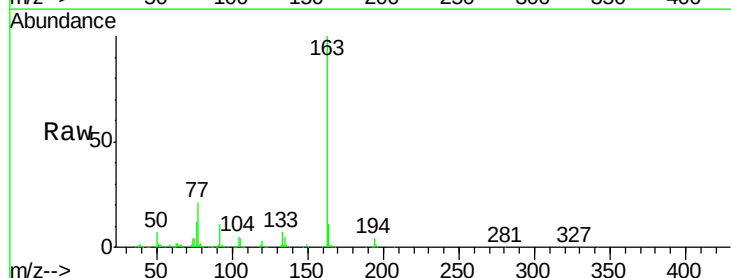
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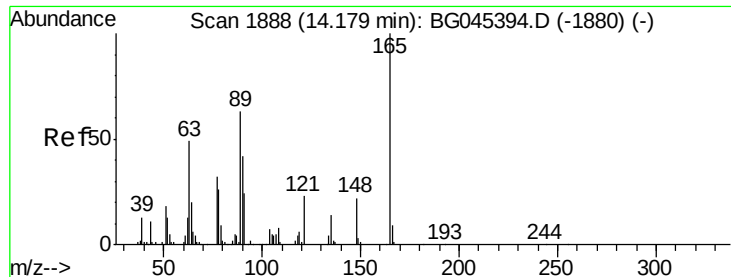
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#50
Dimethylphthalate
Concen: 53.12 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	735464		
194	4.5	3.2	4.8	
164	11.2	8.3	12.5	





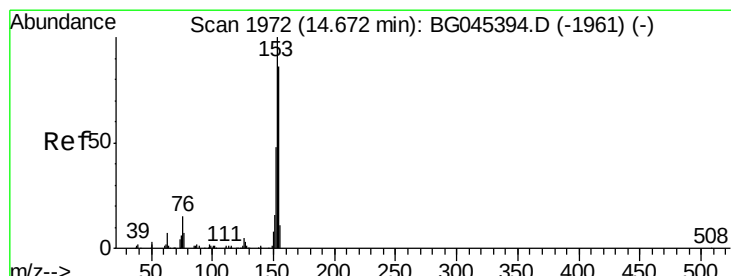
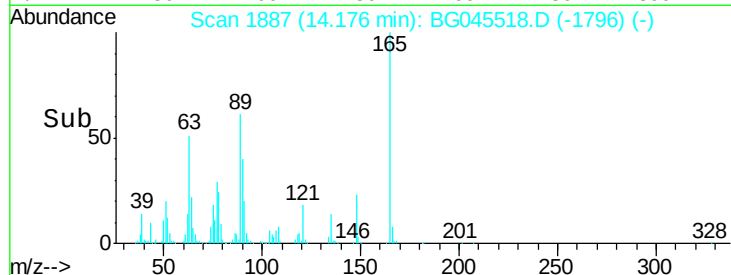
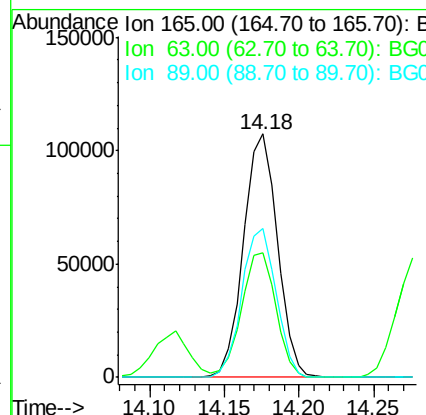
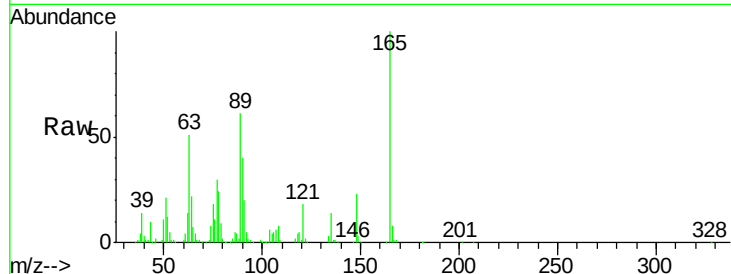
#51
 2,6-Dinitrotoluene
 Concen: 54.03 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168797		
63	51.4	45.0	67.4	
89	61.2	50.2	75.4	

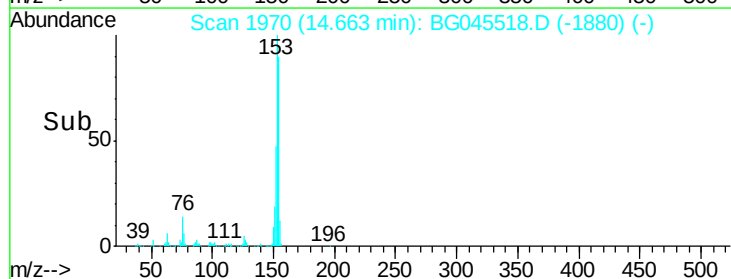
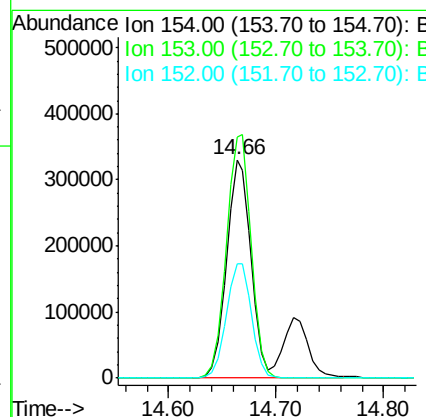
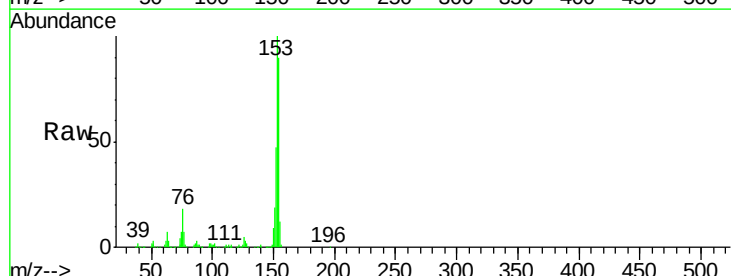
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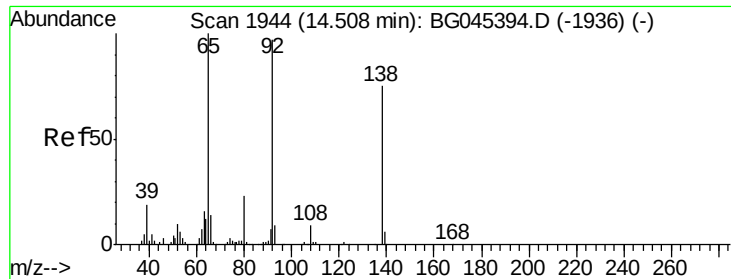
mohammad
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#52
 Acenaphthene
 Concen: 62.34 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	675035		
153	110.7	92.8	139.2	
152	52.5	44.6	66.8	





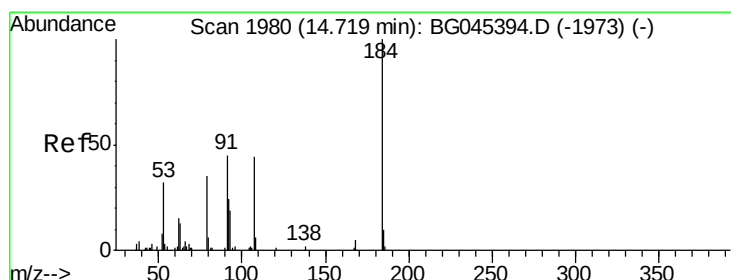
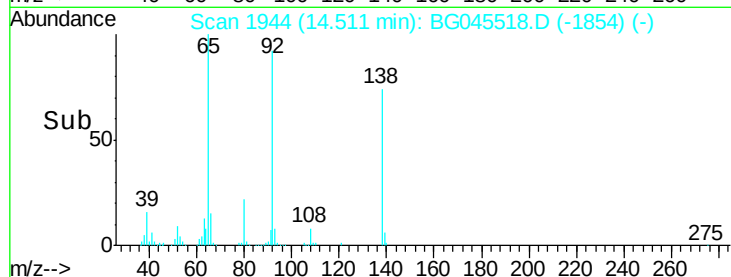
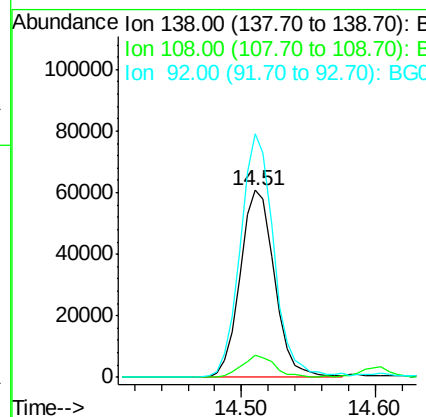
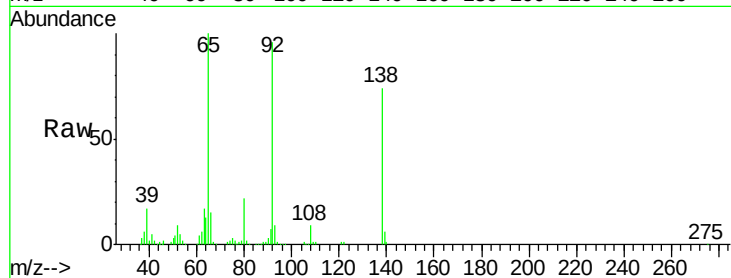
#53
3-Nitroaniline
Concen: 34.09 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	108286		
108	11.8	9.8	14.6	
92	130.2	103.0	154.4	

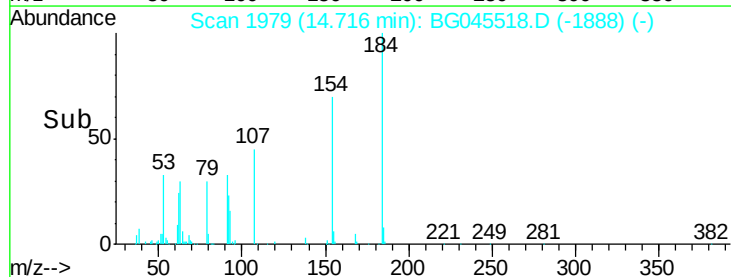
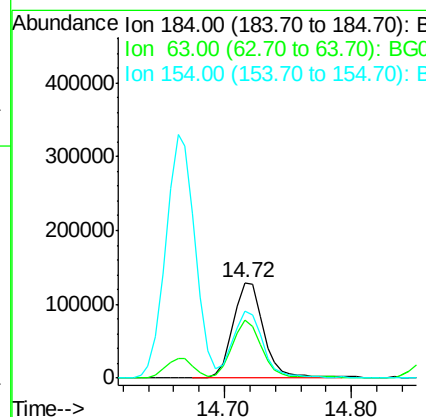
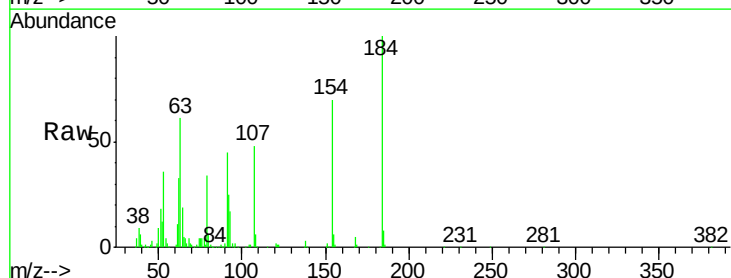
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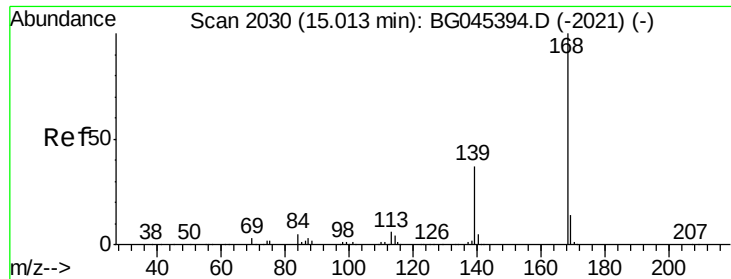
mohammad
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#54
2,4-Dinitrophenol
Concen: 103.97 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	216384		
63	61.5	47.8	71.6	
154	70.5	58.3	87.5	





#55

Dibenzofuran

Concen: 53.48 ng

RT: 15.00 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

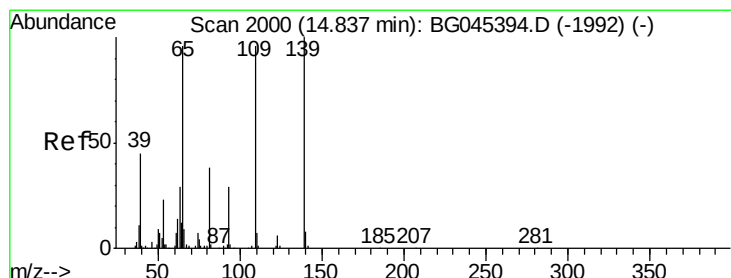
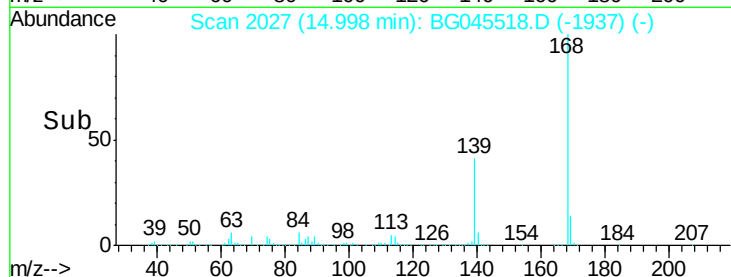
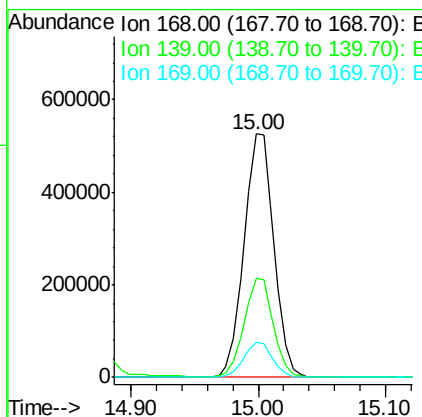
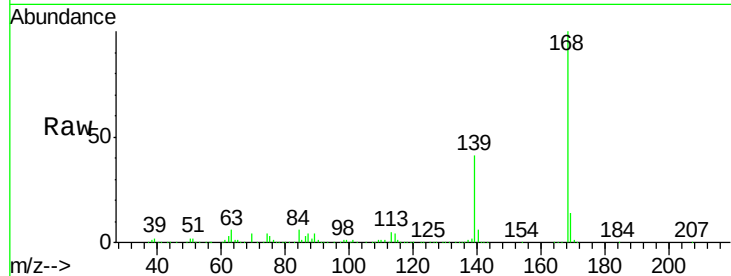
ClientSampleId :

PB129114BS

Tgt Ion:	168	Resp:	859969
Ion Ratio	Lower	Upper	
168	100		
139	40.6	29.9	44.9
169	14.5	10.9	16.3

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6/1/2020 12:22:34 PM



#56

4-Nitrophenol

Concen: 110.70 ng

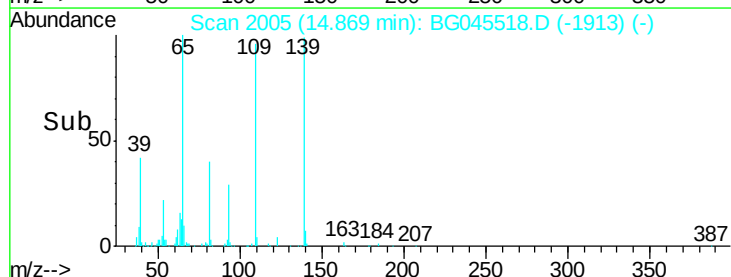
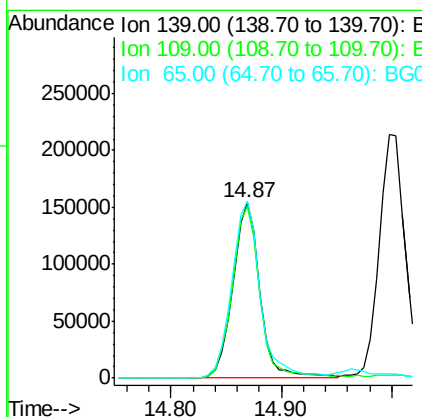
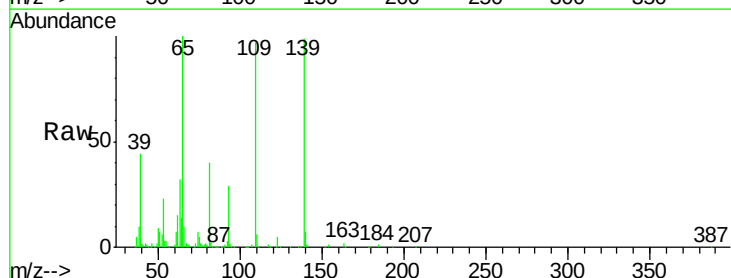
RT: 14.87 min Scan# 2005

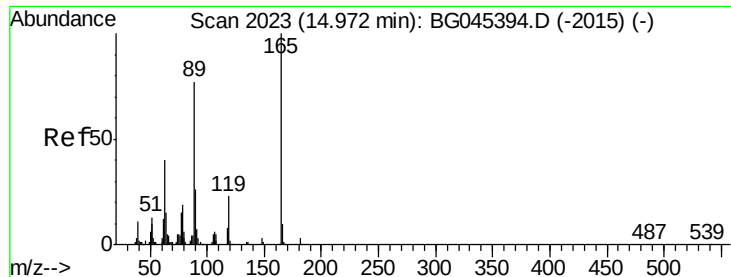
Delta R.T. 0.01 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	139	Resp:	266179
Ion Ratio	Lower	Upper	
139	100		
109	97.6	75.6	115.6
65	101.1	76.8	116.8





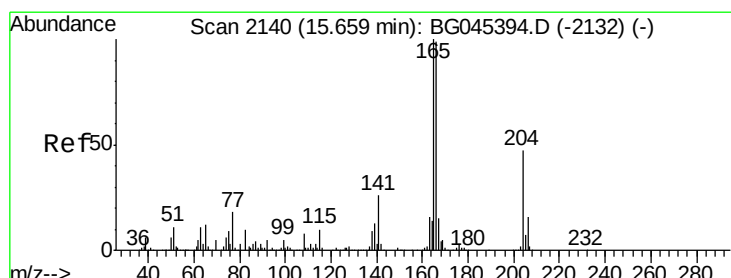
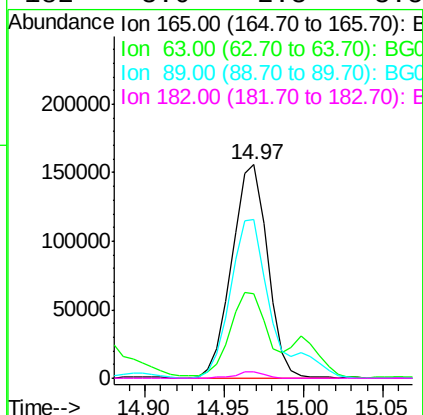
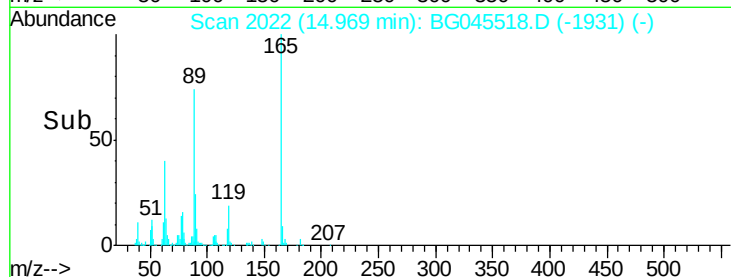
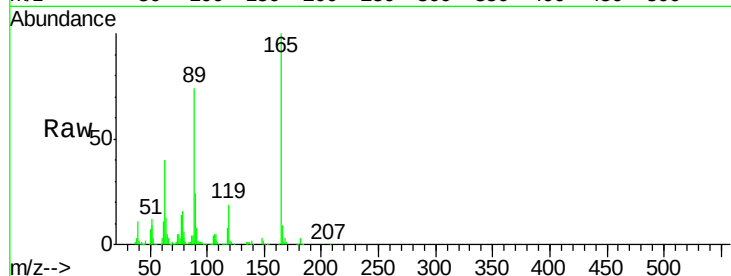
#57
2,4-Dinitrotoluene
Concen: 54.09 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244770		
63	39.7	32.5	48.7	
89	74.0	61.8	92.6	
182	3.0	2.3	3.5	

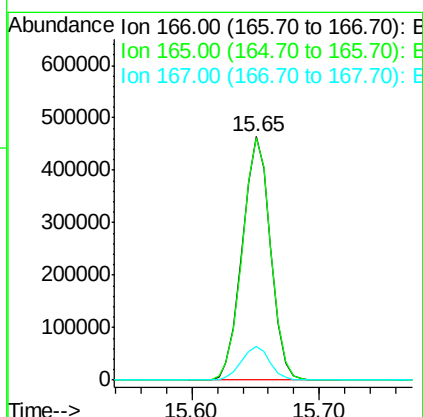
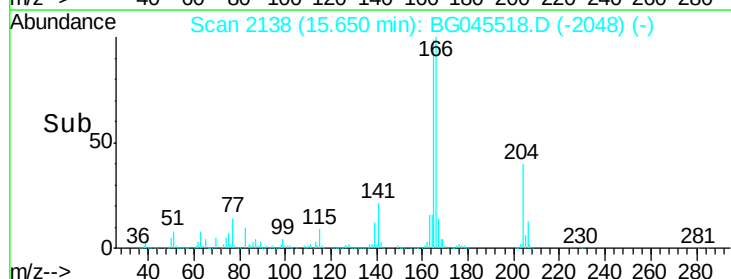
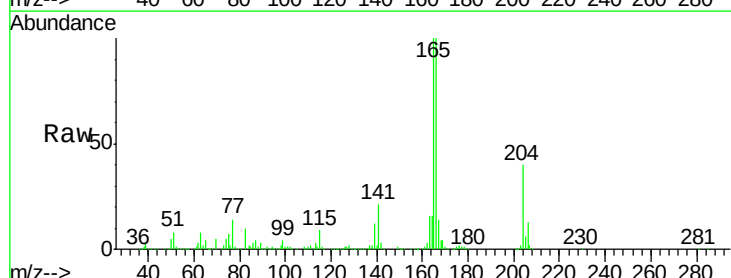
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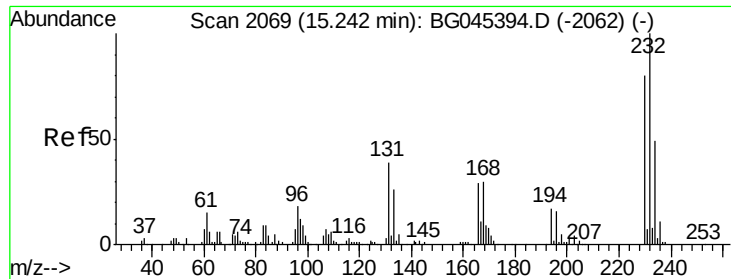
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#58
Fluorene
Concen: 54.03 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	713729		
165	99.5	80.8	121.2	
167	13.6	12.0	18.0	





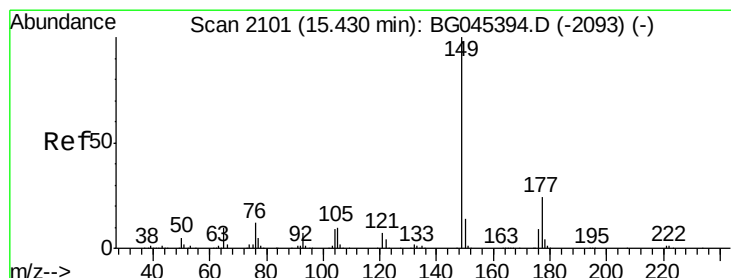
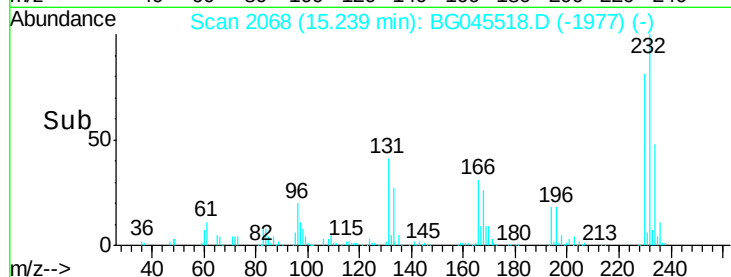
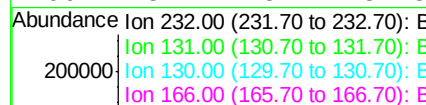
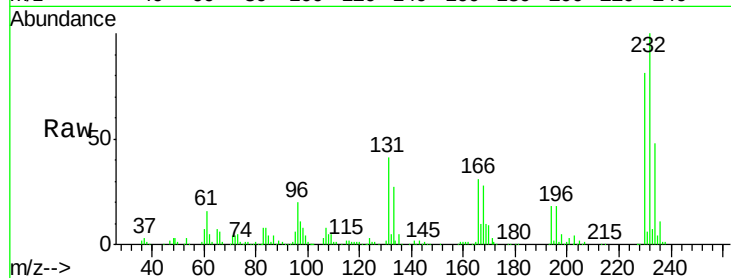
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.67 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	223139		
131	40.3	33.7	50.5	
130	2.3	2.1	3.1	
166	28.4	23.2	34.8	

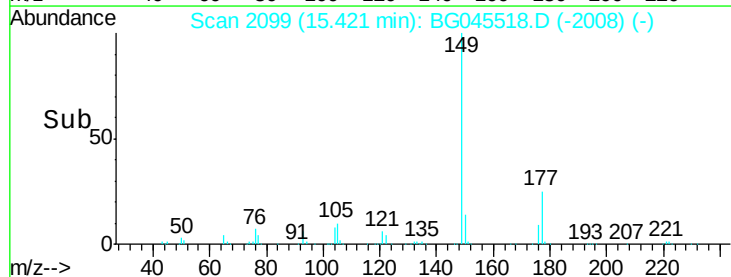
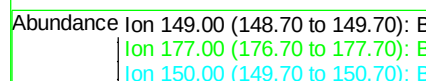
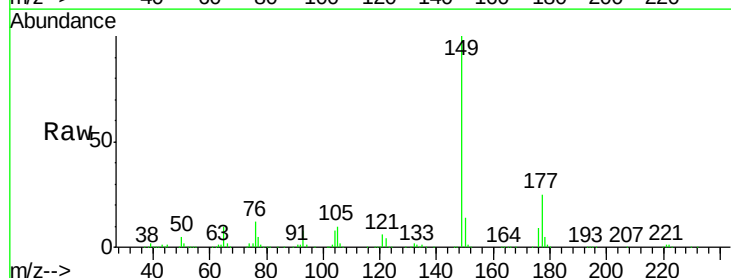
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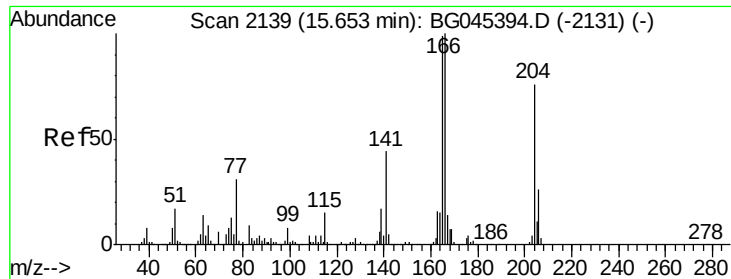
mohammad
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#60
Diethylphthalate
Concen: 52.95 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	763089		
177	24.6	19.0	28.4	
150	14.3	11.4	17.0	





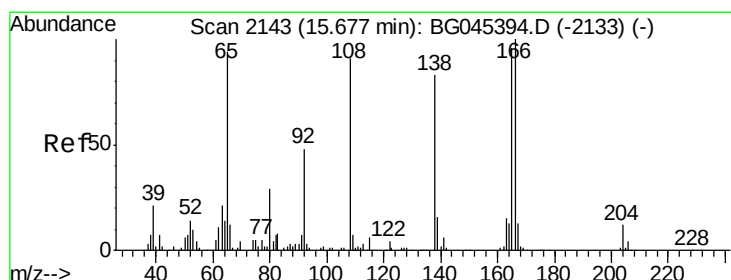
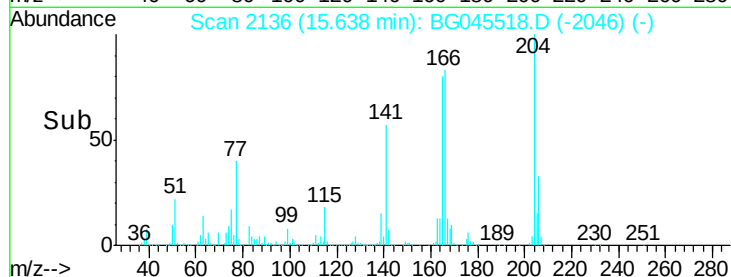
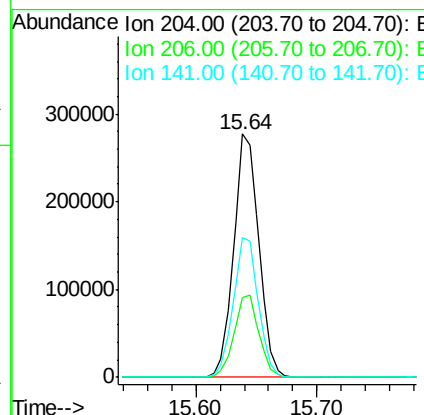
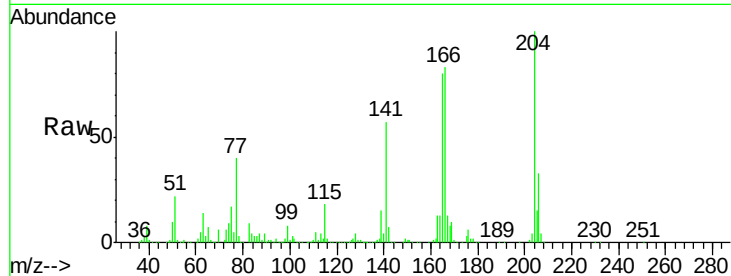
#61
4-Chlorophenyl-phenylether
Concen: 53.21 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	402264		
206	32.5	27.3	40.9	
141	57.3	45.9	68.9	

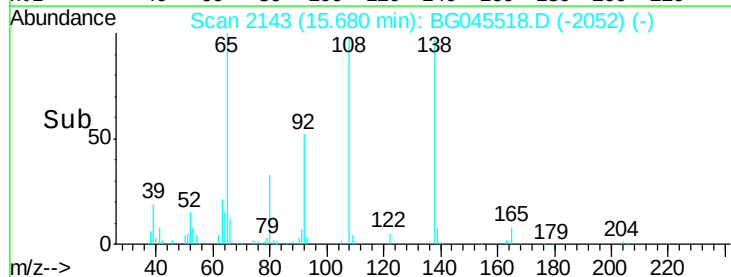
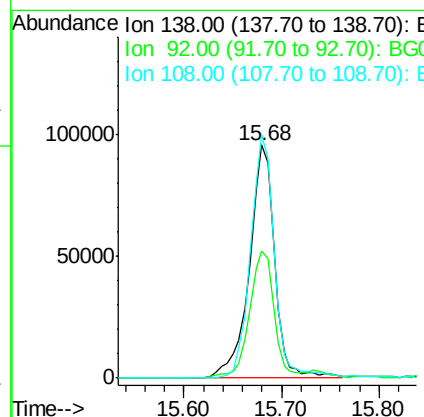
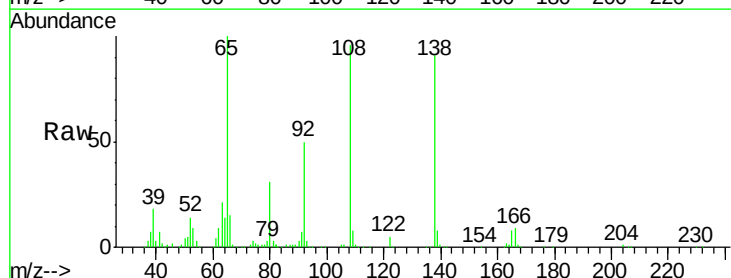
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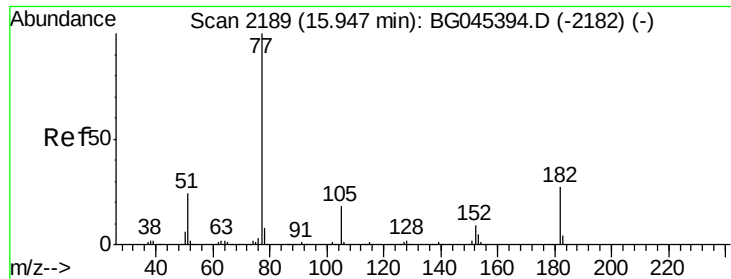
mohammad
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#62
4-Nitroaniline
Concen: 52.64 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174533		
92	54.4	38.0	78.0	
108	104.6	89.3	129.3	





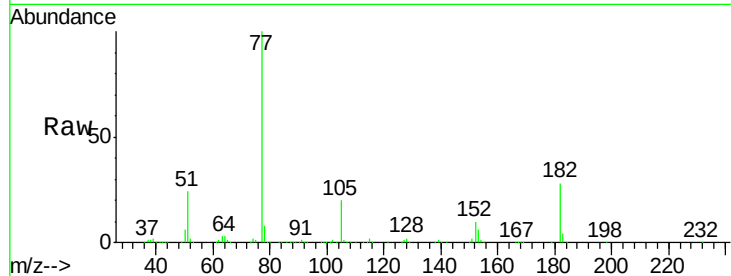
#63
Azobenzene
Concen: 53.67 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

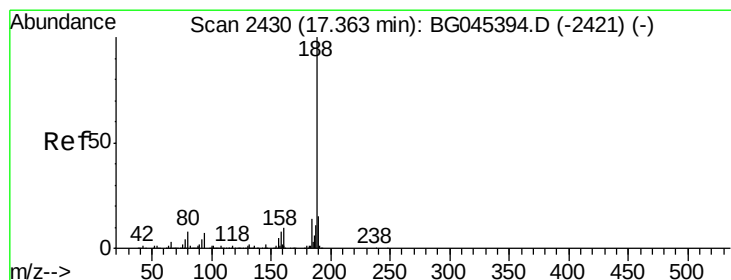
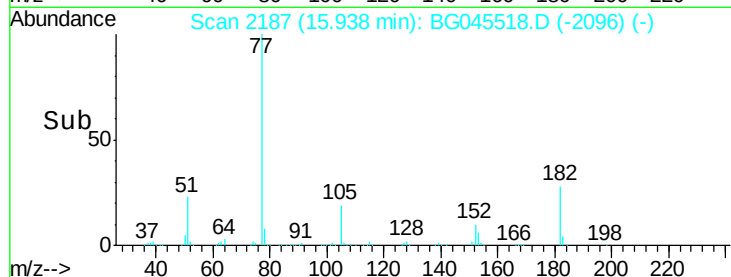
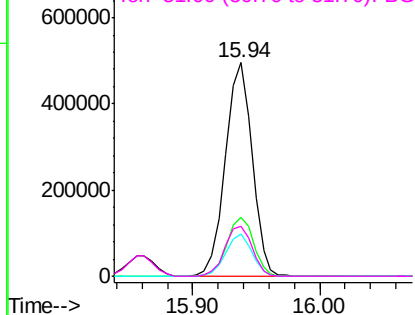
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.5	46.5
105	20.0	0.0	37.9
51	23.5	4.1	44.1

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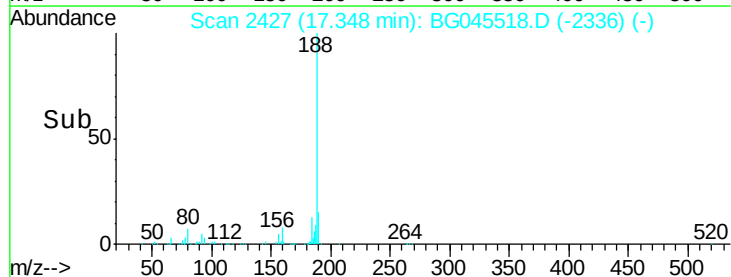
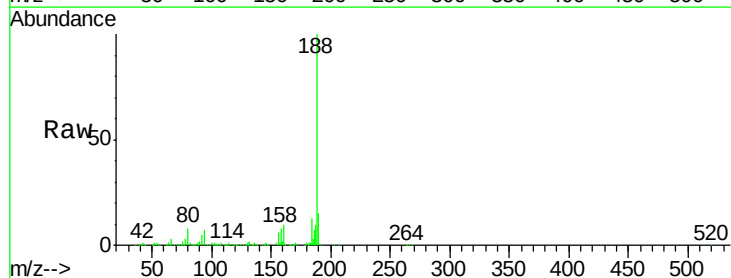
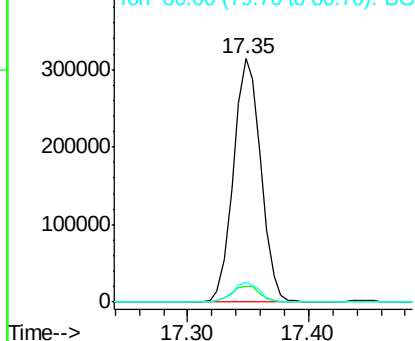
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

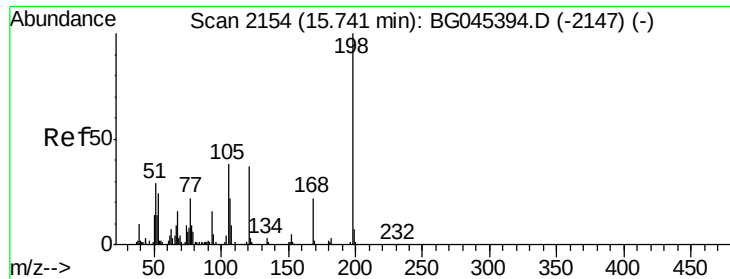


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.5	8.3
80	7.8	6.6	10.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





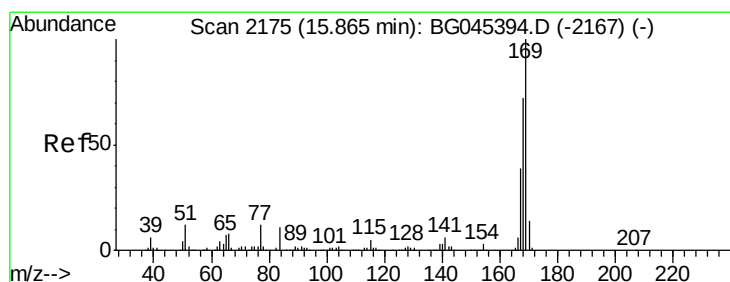
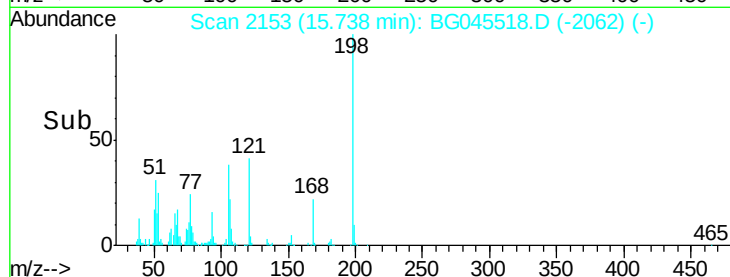
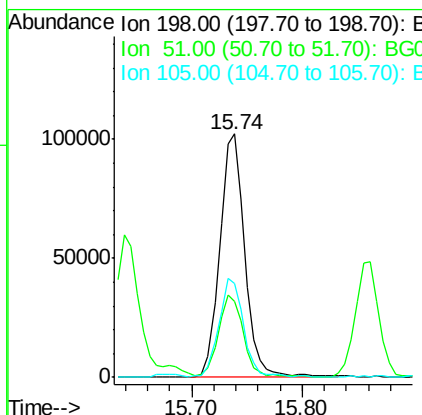
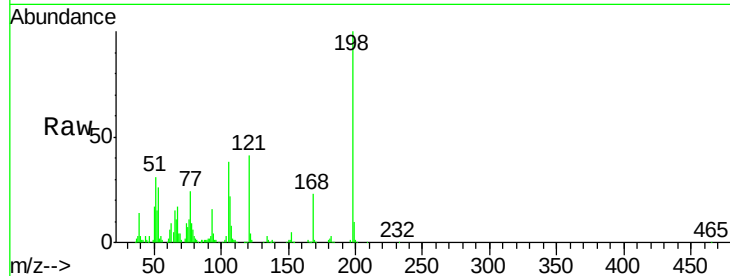
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.75 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	161586		
51	31.1	10.0	50.0	
105	38.3	18.9	58.9	

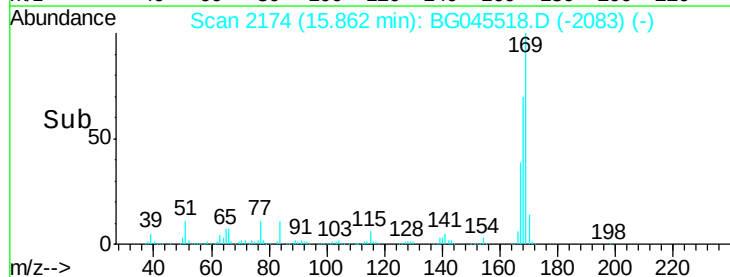
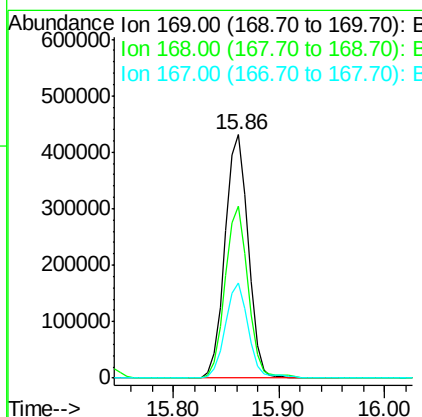
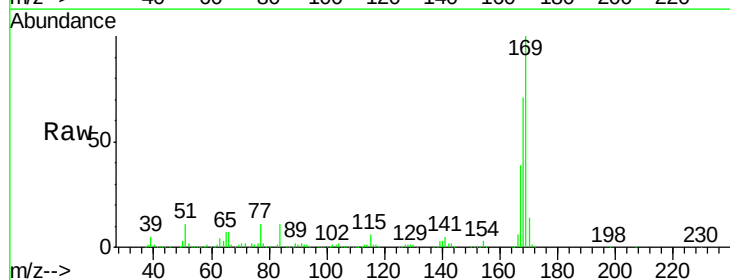
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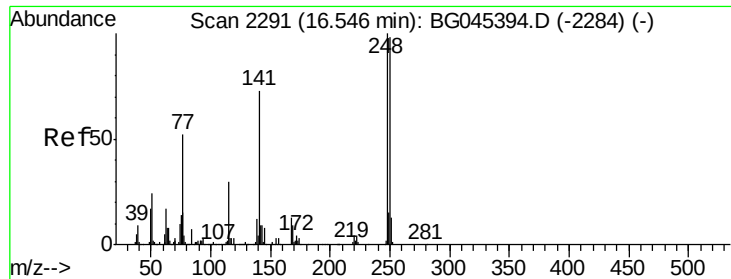
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#66
 n-Nitrosodiphenylamine
 Concen: 54.62 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	652706		
168	70.5	57.8	86.6	
167	39.1	31.5	47.3	





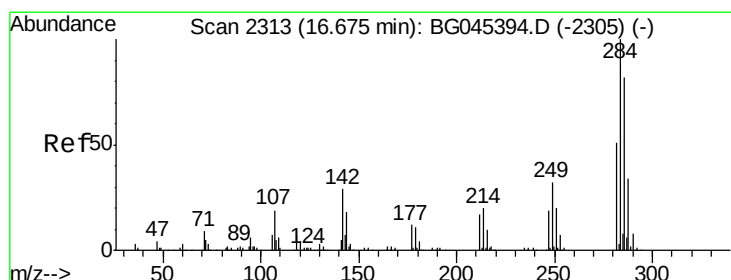
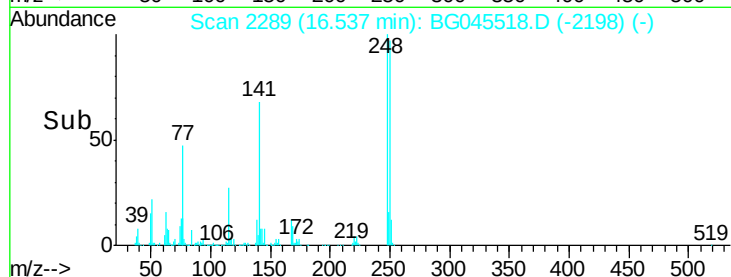
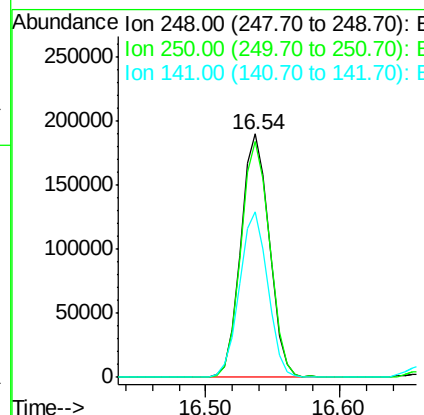
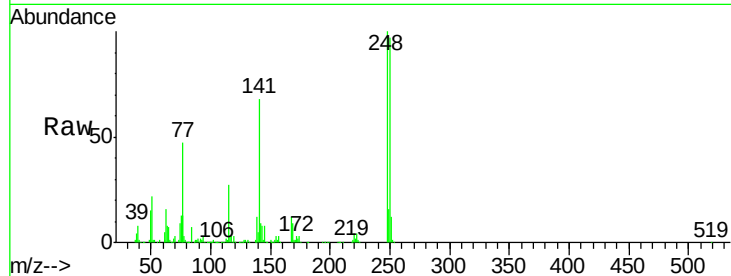
#67
 4-Bromophenyl-phenylether
 Concen: 52.15 ng
 RT: 16.54 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	68.2	58.2	87.2

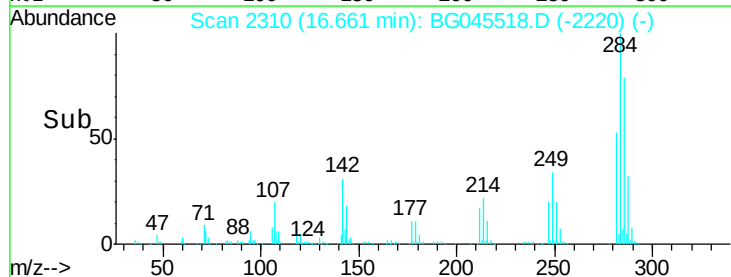
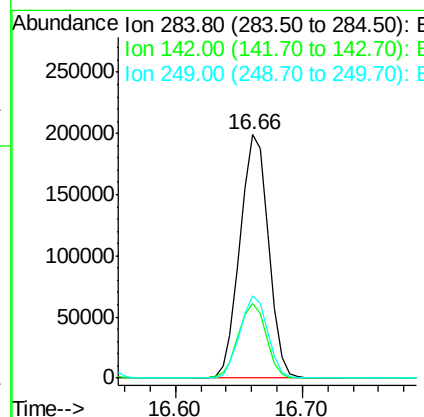
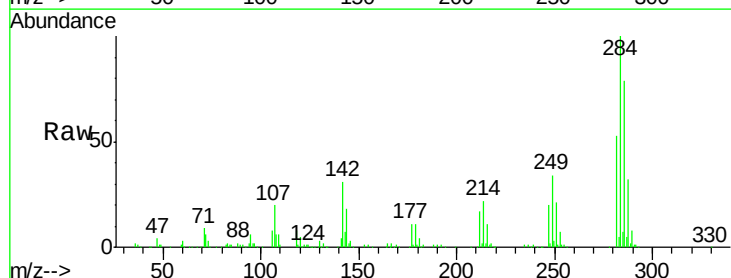
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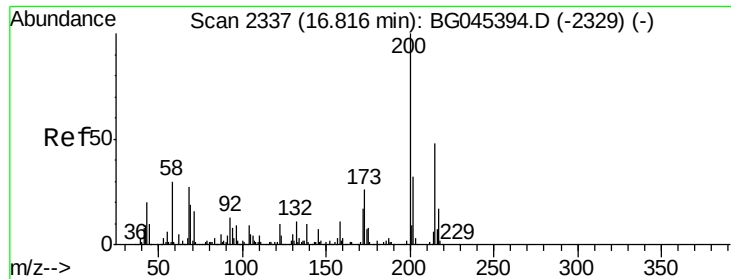
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#68
 Hexachlorobenzene
 Concen: 54.71 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	23.0	34.6
249	33.6	25.8	38.6





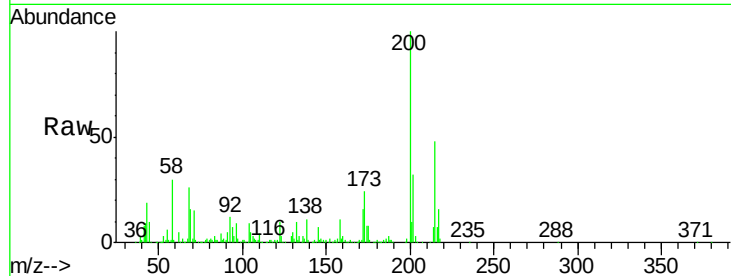
#69
Atrazine
Concen: 51.64 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

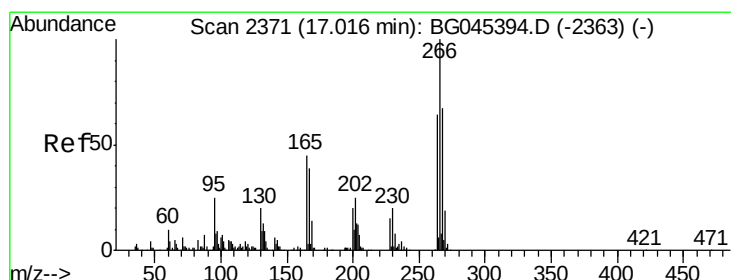
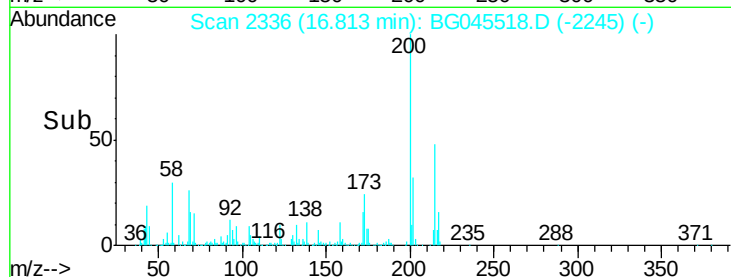
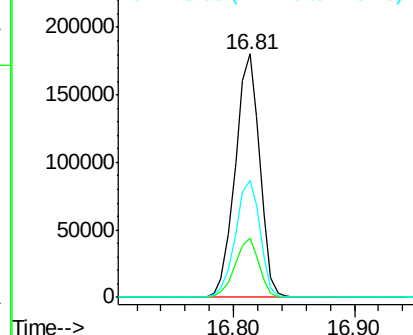
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.3	5.5	45.5
215	47.8	28.2	68.2

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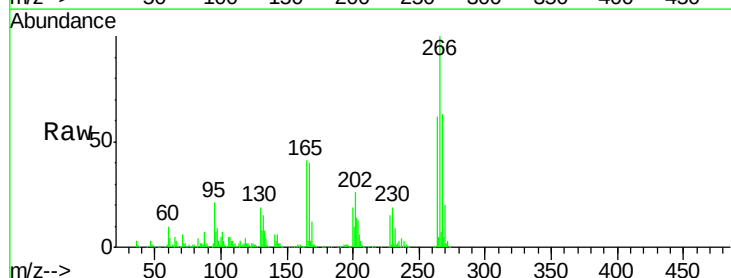


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

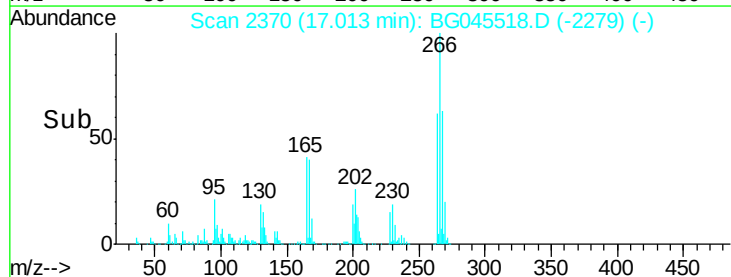
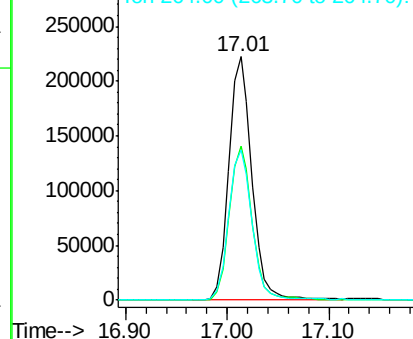


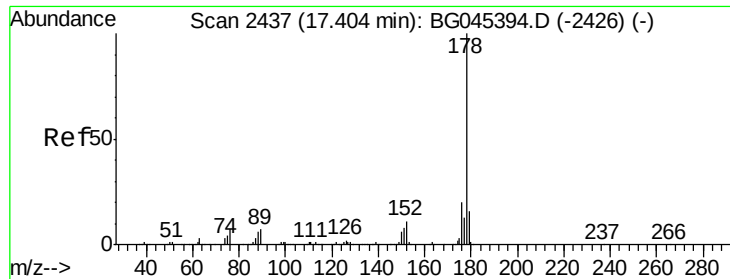
#70
Pentachlorophenol
Concen: 119.59 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	53.2	79.8
264	61.8	51.0	76.4



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





#71

Phenanthrene

Concen: 54.05 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

ClientSampled :

PB129114BS

Tgt Ion:178 Resp: 1174292

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

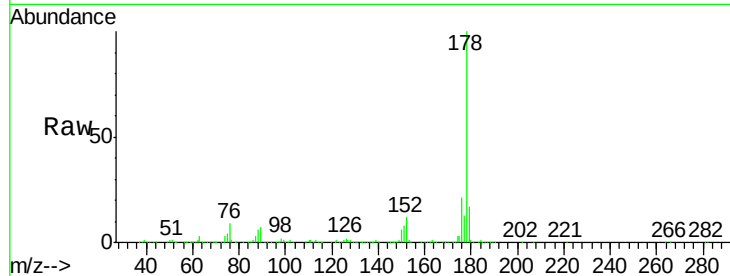
179 17.3 13.1 19.7

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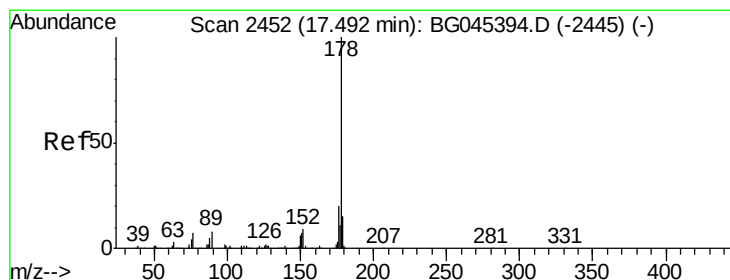
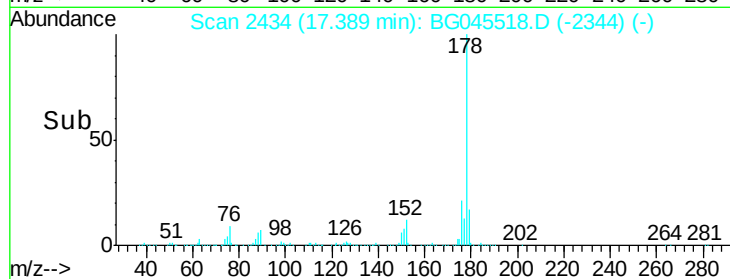
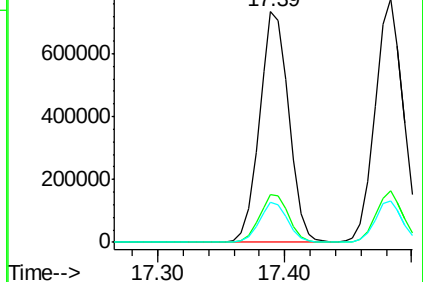
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.09 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:178 Resp: 1201916

Ion Ratio Lower Upper

178 100

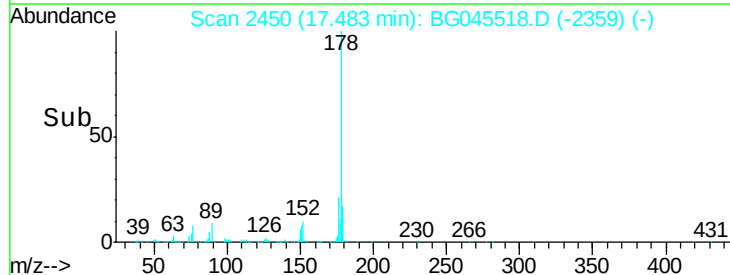
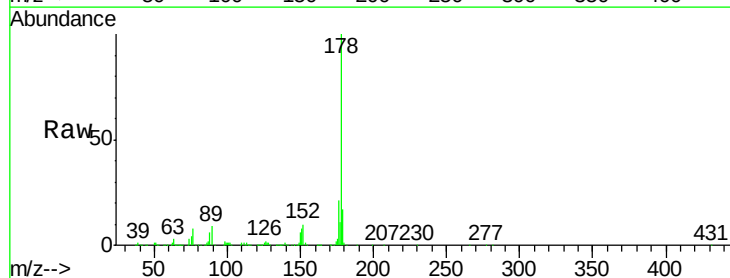
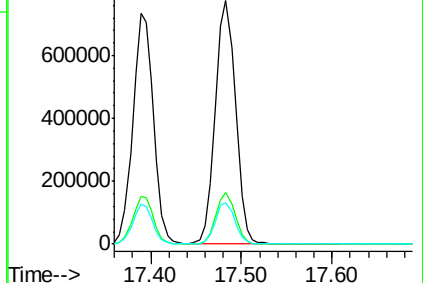
176 21.1 15.8 23.6

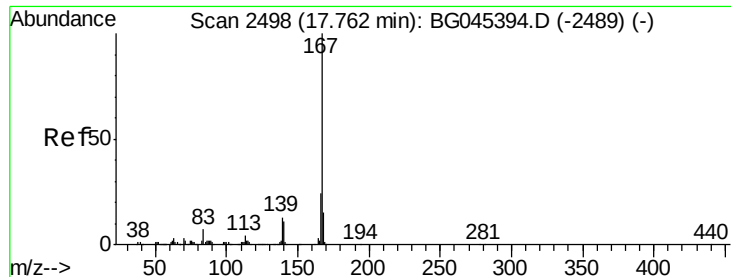
179 16.8 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





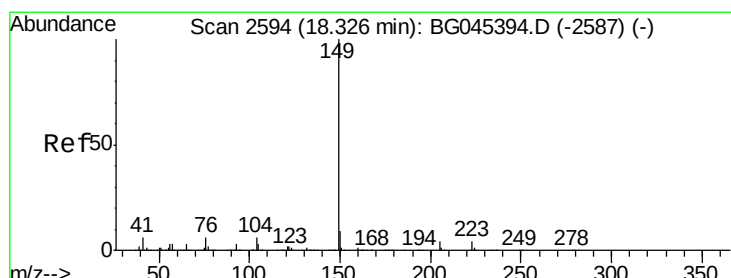
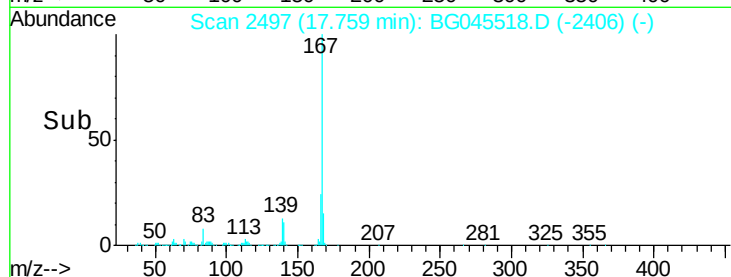
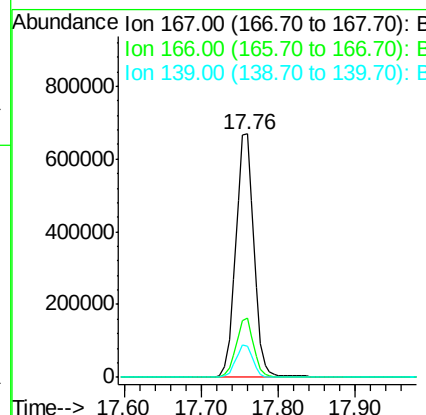
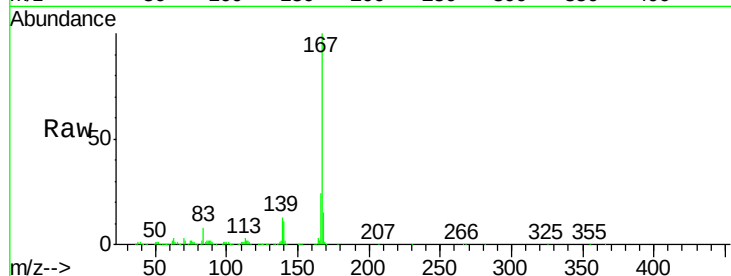
#73
 Carbazole
 Concen: 52.45 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.2	28.8
139	12.9	10.6	16.0

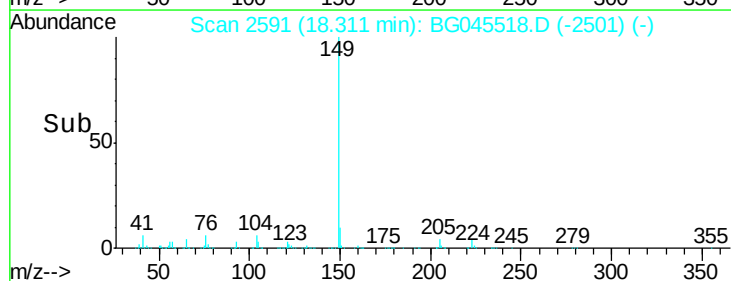
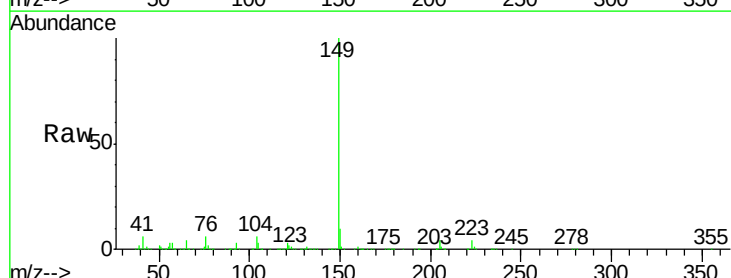
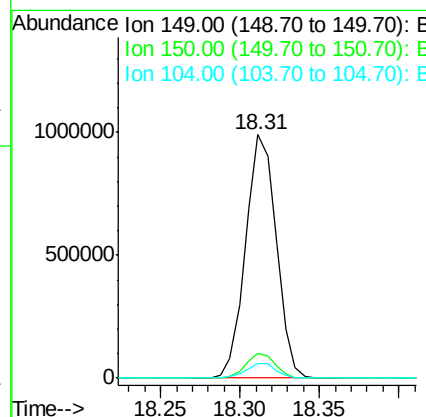
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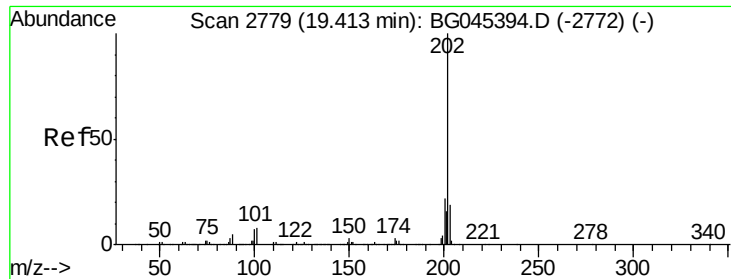
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#74
 Di-n-butylphthalate
 Concen: 52.15 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 52.92 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

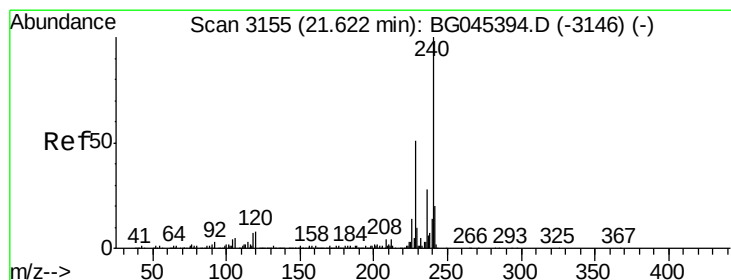
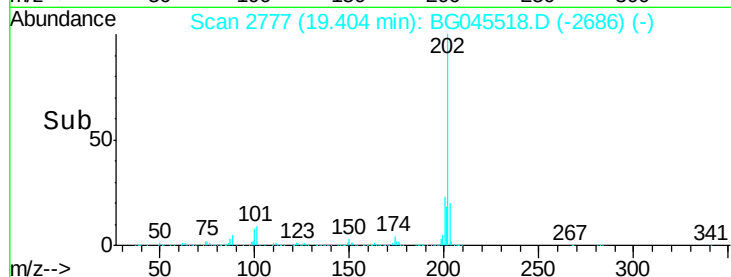
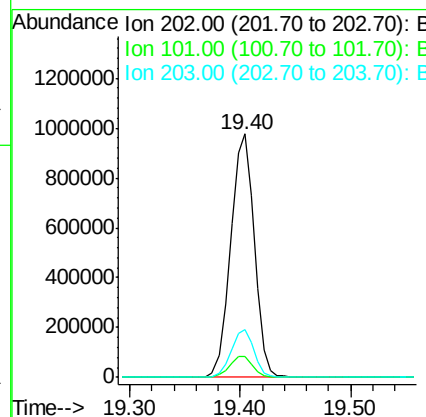
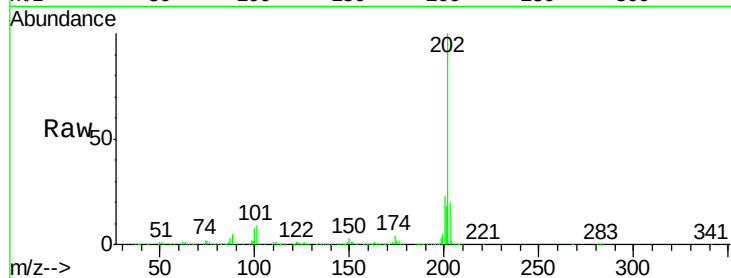
ClientSampleId :

PB129114BS

Tgt	Ion	202	Resp:	1462562
Ion	Ratio	Lower	Upper	
202	100			
101	8.8	0.0	28.3	
203	19.7	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.00 ng

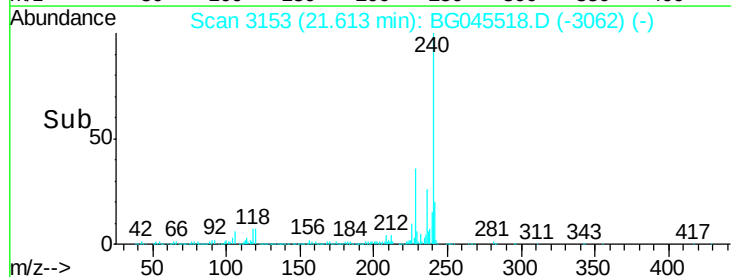
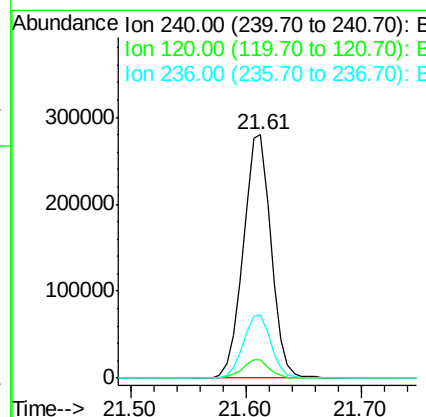
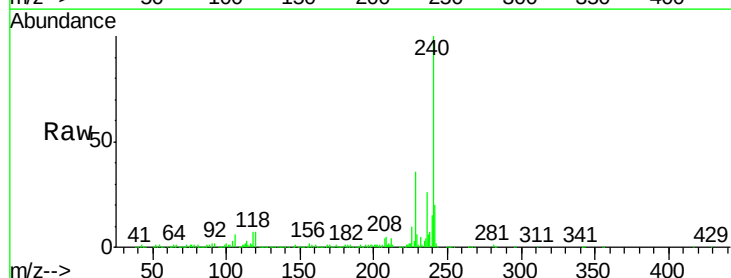
RT: 21.61 min Scan# 3153

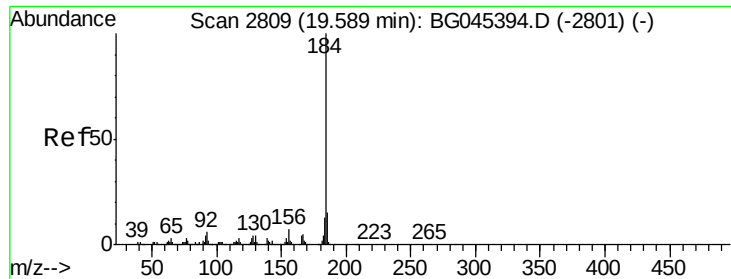
Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt	Ion	240	Resp:	465954
Ion	Ratio	Lower	Upper	
240	100			
120	7.4	6.1	9.1	
236	25.7	22.3	33.5	





#77

Benzidine

Concen: 64.93 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

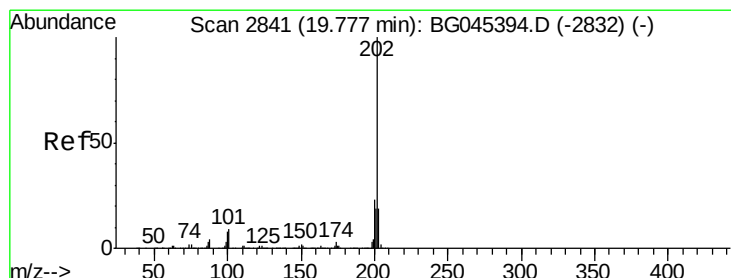
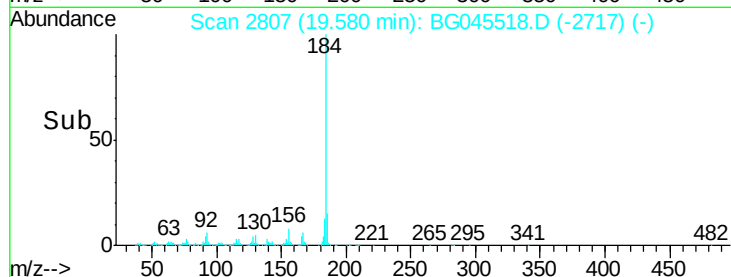
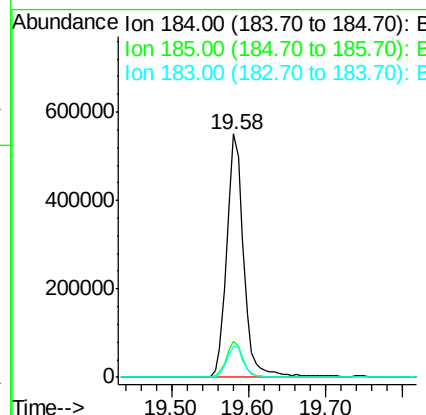
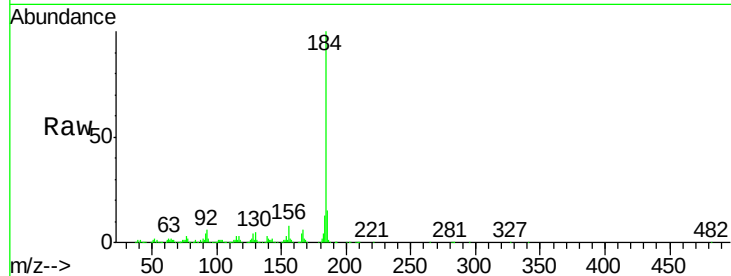
ClientSampleId :

PB129114BS

Tgt Ion:	184	Resp:	849656
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.7	17.5
183	12.8	10.2	15.4

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#78

Pyrene

Concen: 54.57 ng

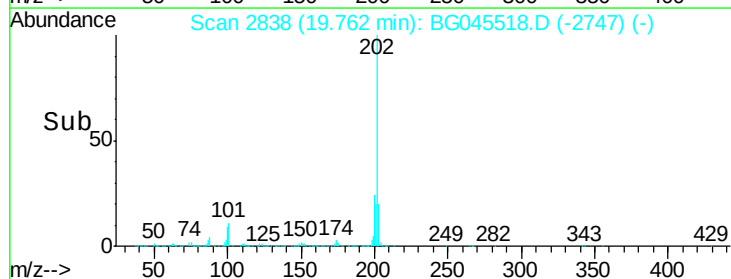
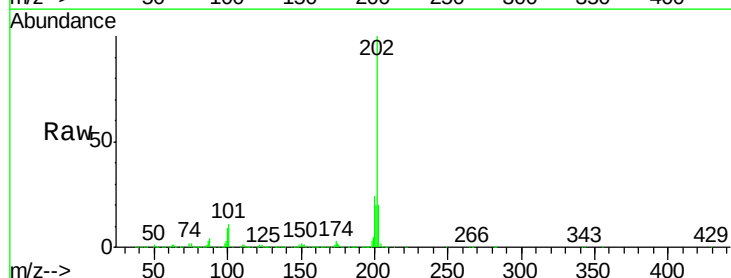
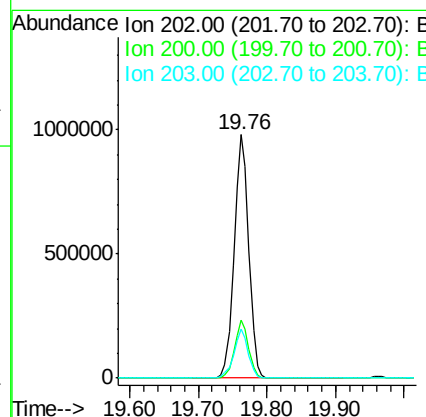
RT: 19.76 min Scan# 2838

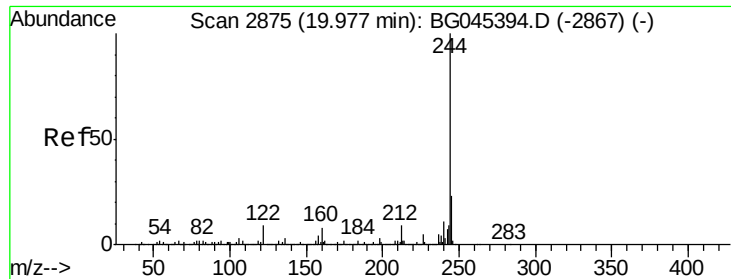
Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	202	Resp:	1449524
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.2	27.2
203	19.9	15.1	22.7





#79

Terphenyl-d14

Concen: 109.65 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:244 Resp: 2190582

Ion Ratio Lower Upper

244 100

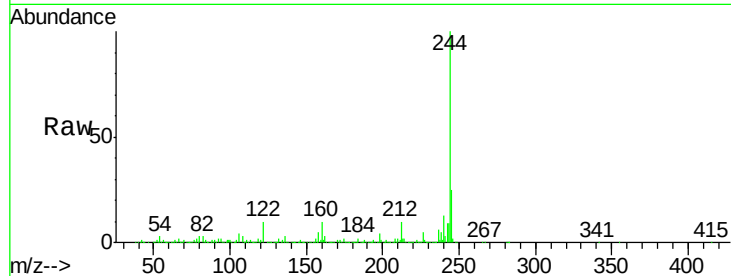
212 10.1 7.4 11.0

122 9.8 6.8 10.2

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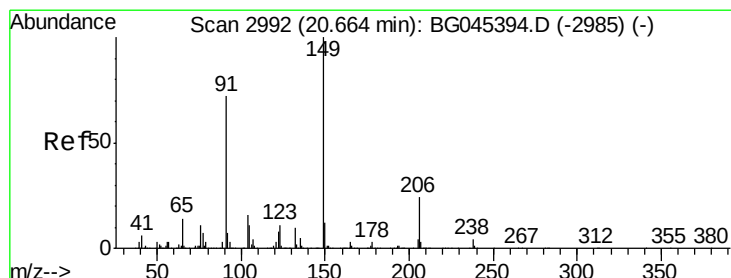
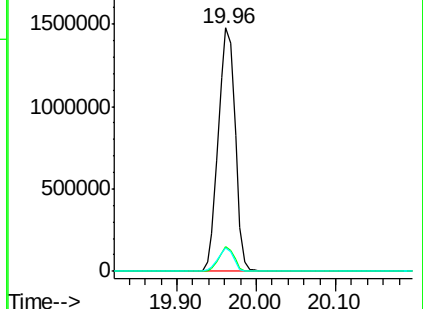
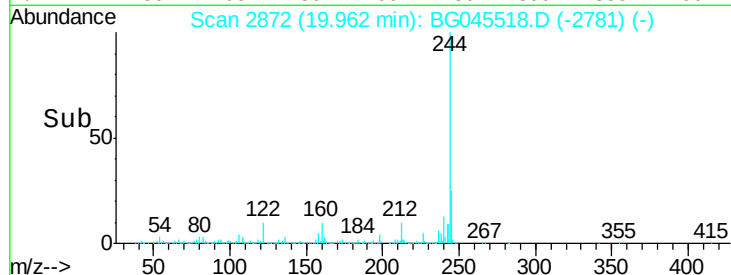
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.70 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

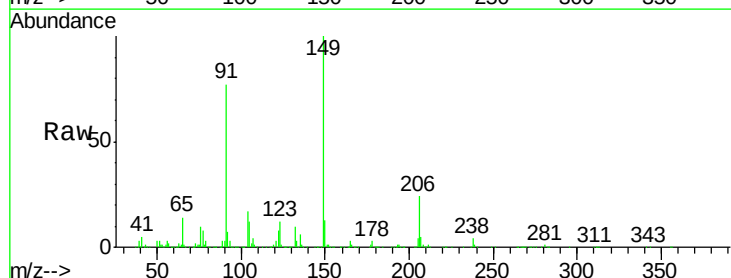
Tgt Ion:149 Resp: 592732

Ion Ratio Lower Upper

149 100

91 77.1 57.8 86.6

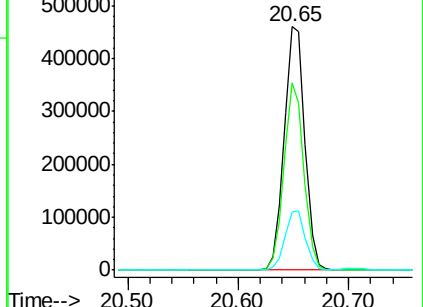
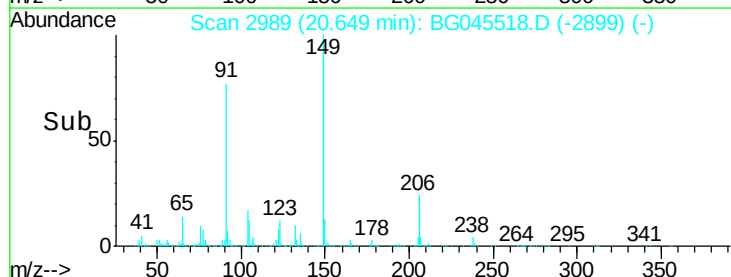
206 23.8 19.1 28.7

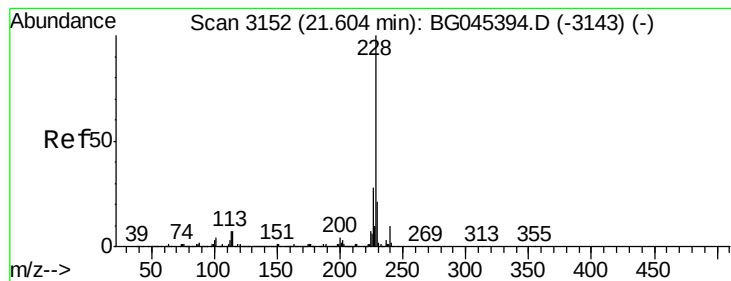


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.94 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tgt Ion:228 Resp: 1400093

Ion Ratio Lower Upper

228 100

226 30.1 22.7 34.1

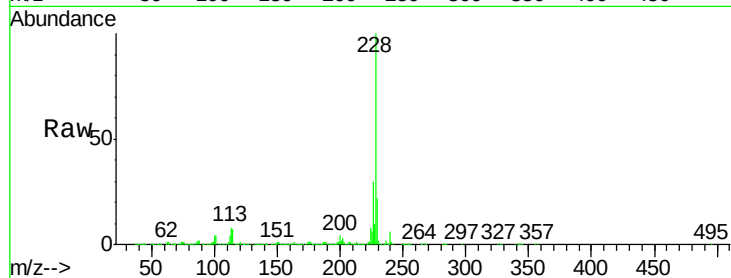
229 21.6 16.7 25.1

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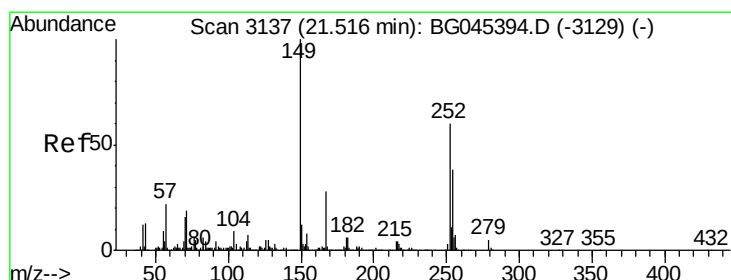
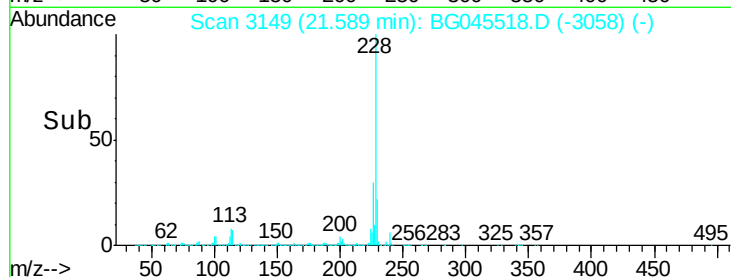
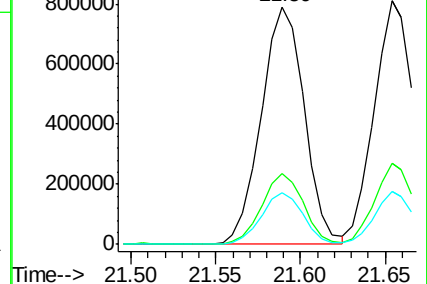
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.60 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

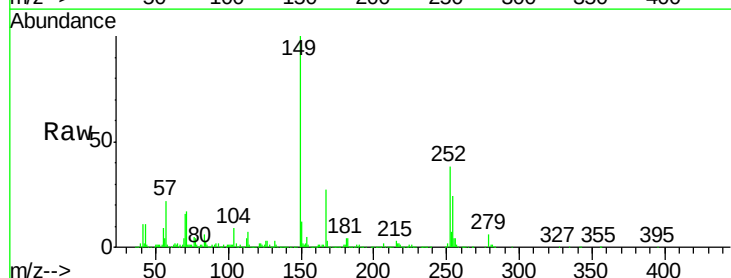
Tgt Ion:252 Resp: 362480

Ion Ratio Lower Upper

252 100

254 62.6 51.3 76.9

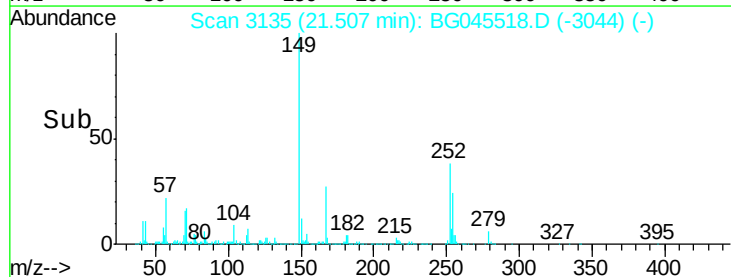
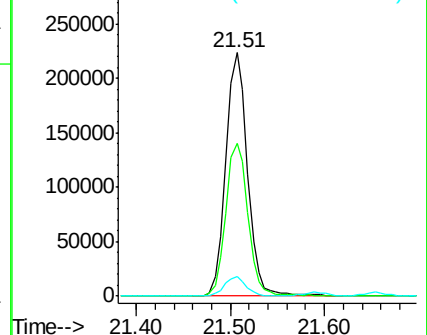
126 8.0 6.6 10.0

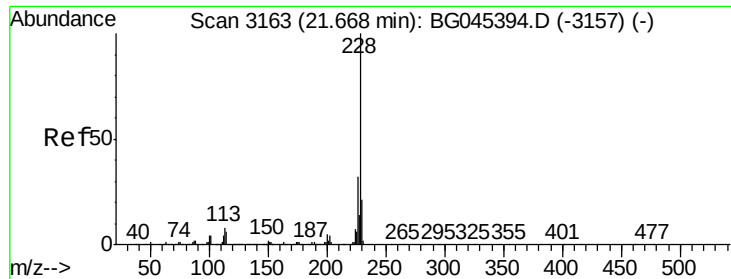


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





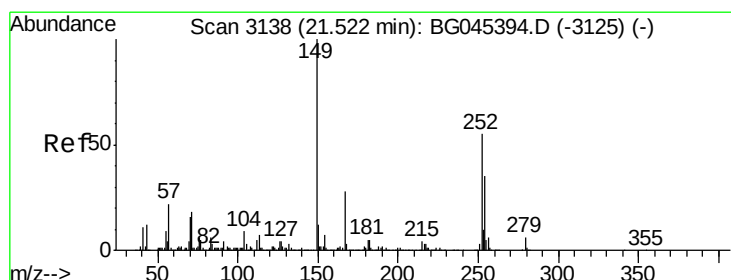
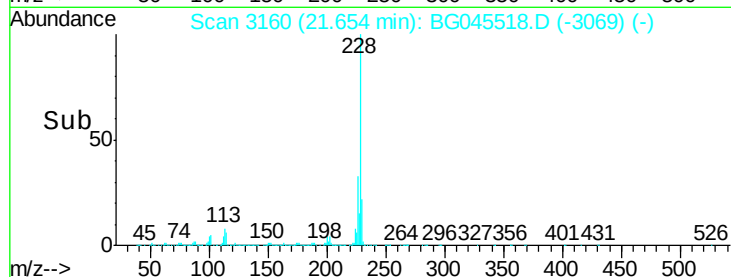
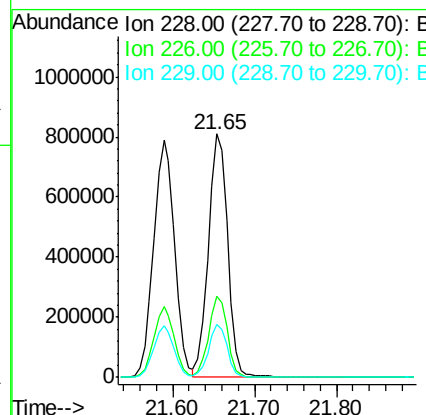
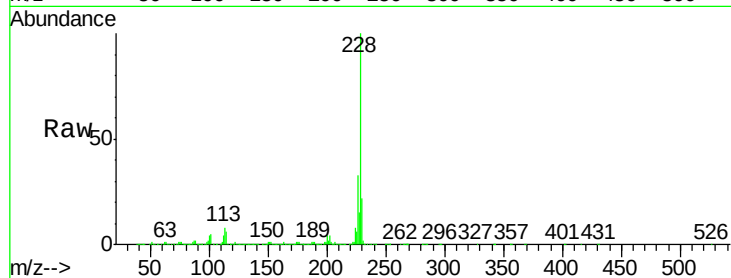
#83
Chrysene
 Concen: 53.09 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tgt Ion: 228 Resp: 1325124
 Ion Ratio Lower Upper
 228 100
 226 33.2 25.2 37.8
 229 21.6 16.7 25.1

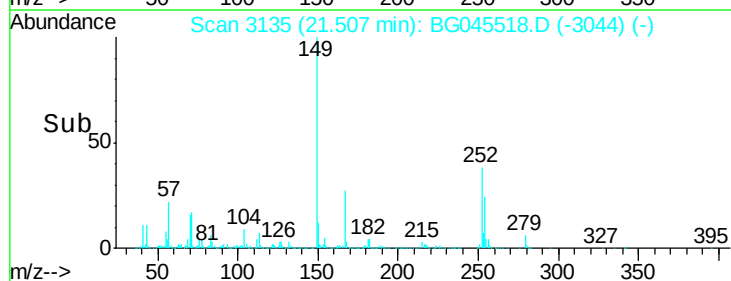
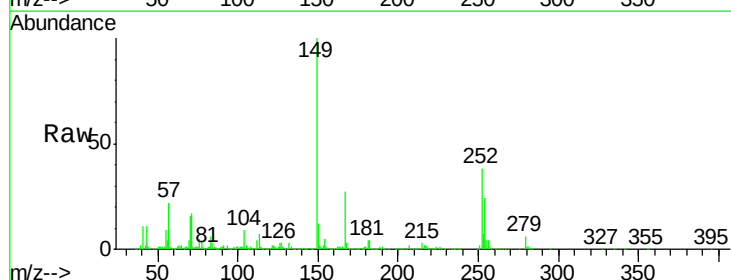
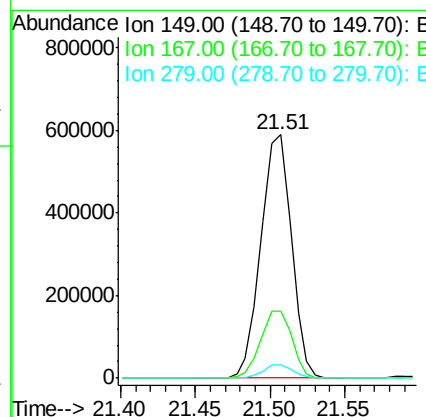
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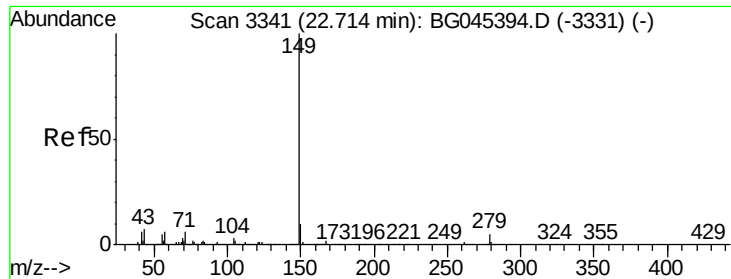
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 52.84 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG045518.D
 Acq: 29 May 2020 11:17

Tgt Ion: 149 Resp: 832717
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.2
 279 5.6 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 51.85 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

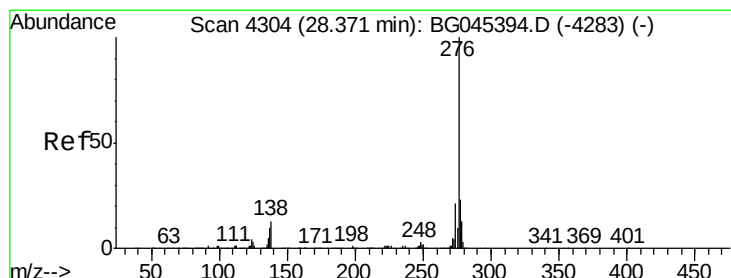
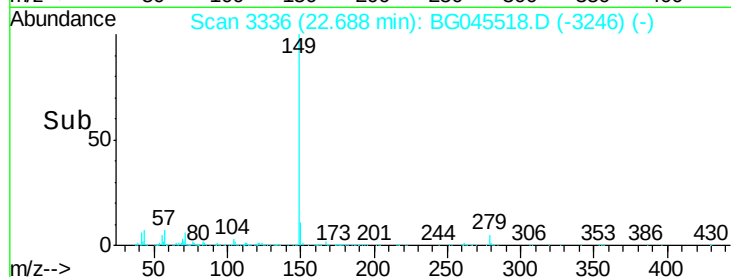
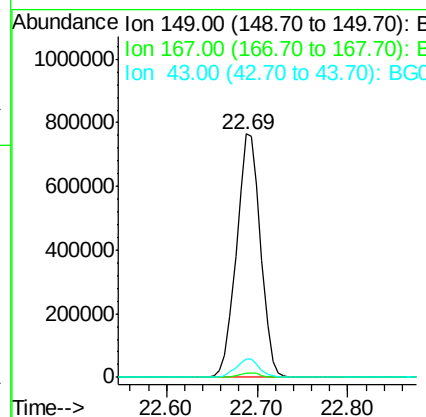
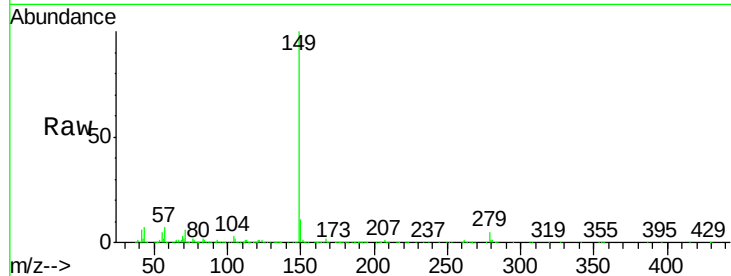
ClientSampleId :

PB129114BS

Tgt Ion:	149	Resp:	1403454
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.3	5.8	8.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 53.48 ng

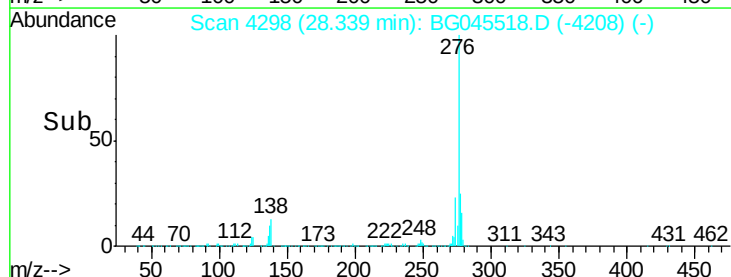
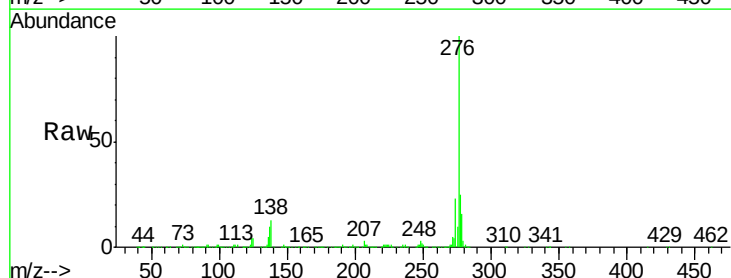
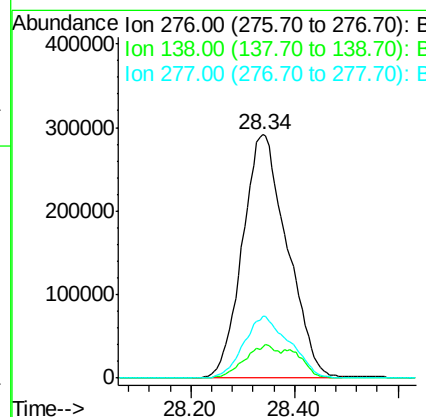
RT: 28.34 min Scan# 4298

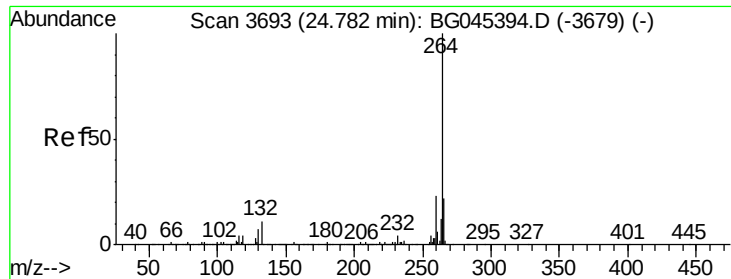
Delta R.T. -0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	276	Resp:	1745413
Ion Ratio	Lower	Upper	
276	100		
138	10.3	8.6	12.8
277	26.2	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.76 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045518.D

Acq: 29 May 2020 11:17

Instrument :

BNA_G

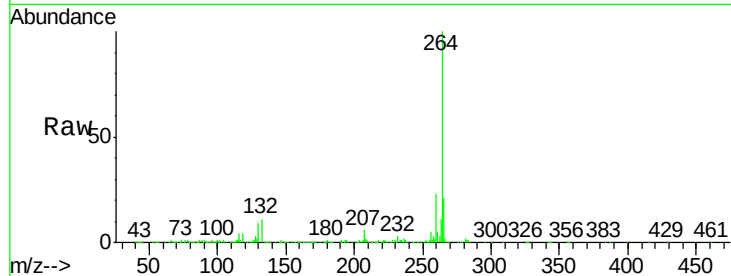
ClientSampleId :

PB129114BS

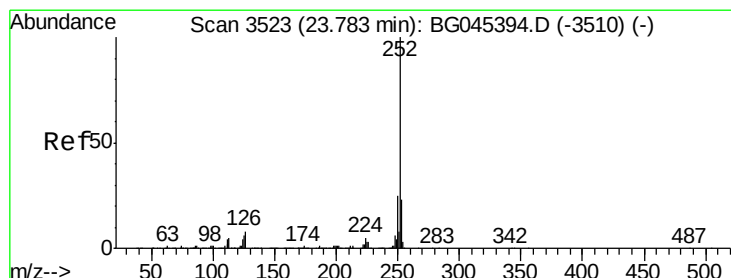
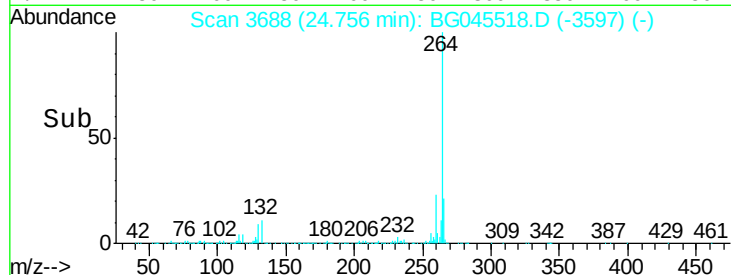
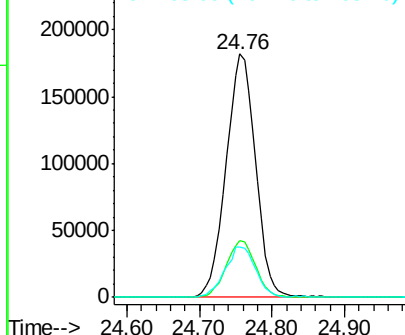
Tgt Ion:	264	Resp:	513561
Ion Ratio		Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.9	17.6	26.4

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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



#88

Benzo(b)fluoranthene

Concen: 55.03 ng

RT: 23.77 min Scan# 3520

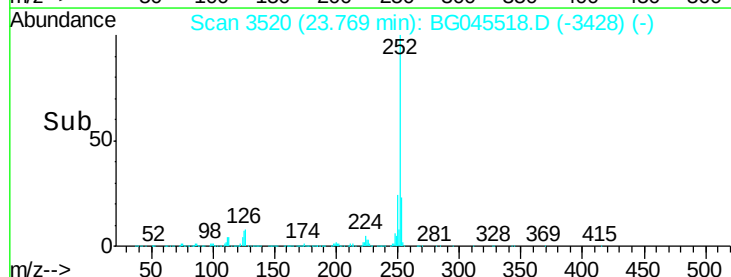
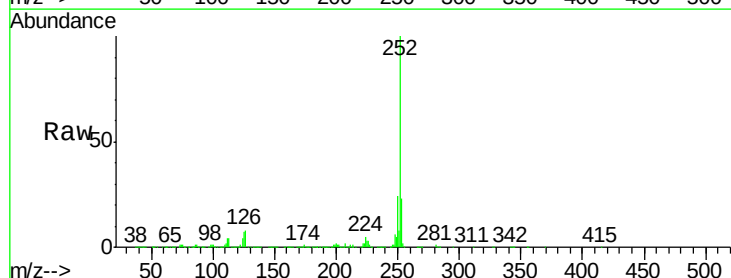
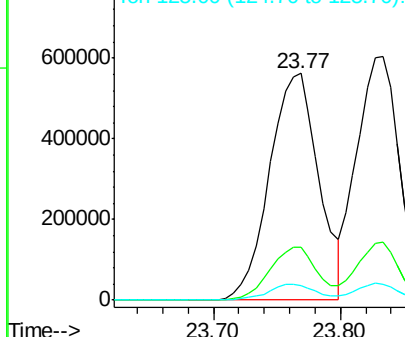
Delta R.T. 0.01 min

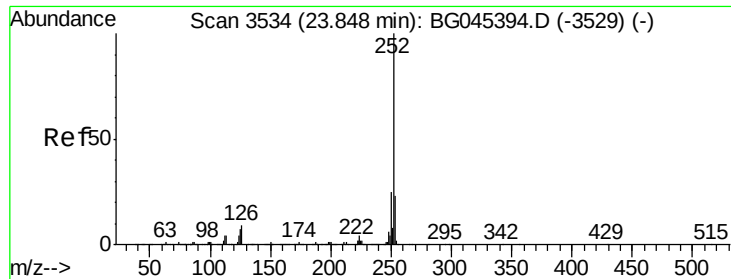
Lab File: BG045518.D

Acq: 29 May 2020 11:17

Tgt Ion:	252	Resp:	1515563
Ion Ratio		Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.6	5.0	7.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





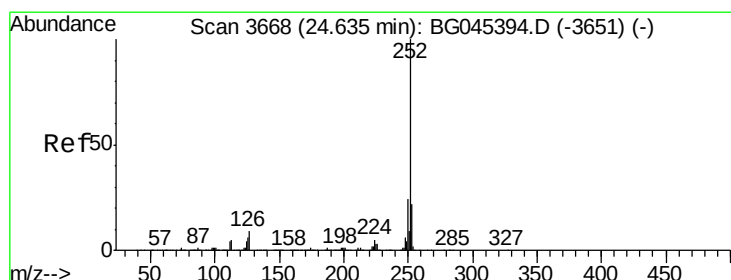
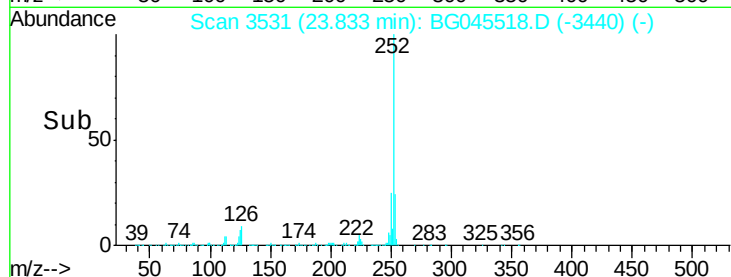
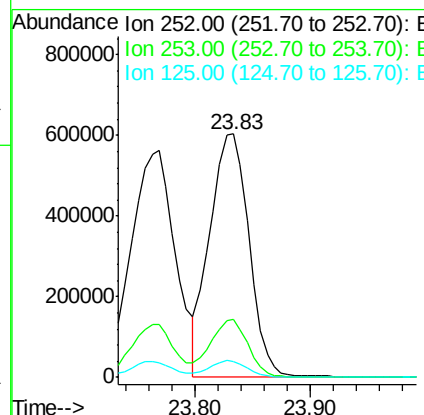
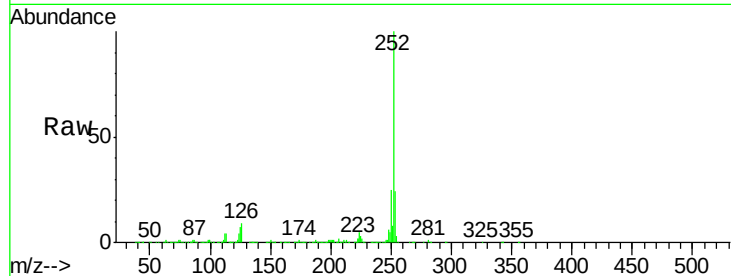
#89
Benzo(k)fluoranthene
Concen: 54.75 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion:252 Resp: 1416726
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 6.6 5.7 8.5

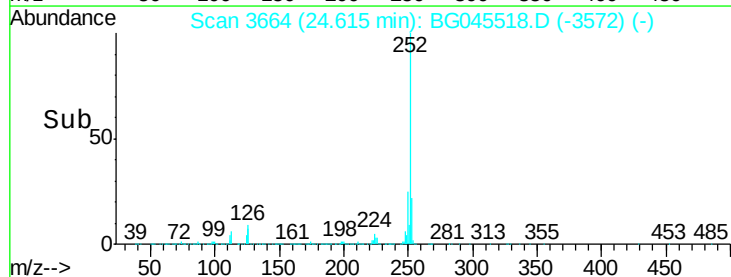
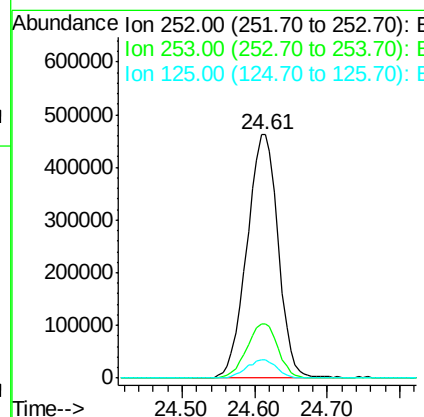
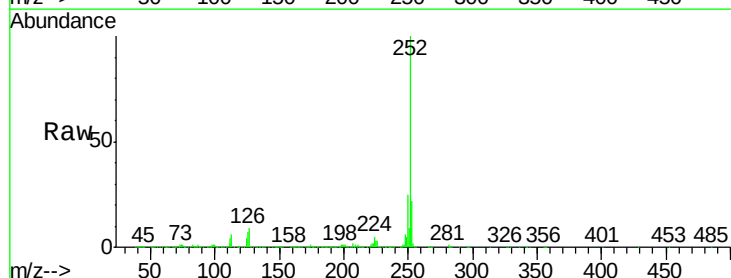
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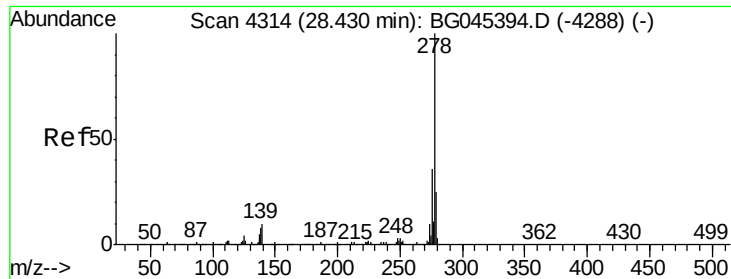
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#90
Benzo(a)pyrene
Concen: 53.62 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion:252 Resp: 1375367
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 7.4 5.0 7.6





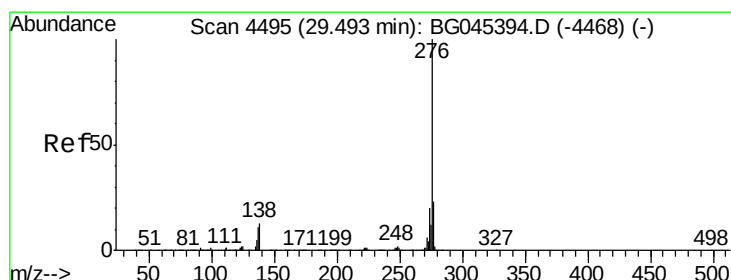
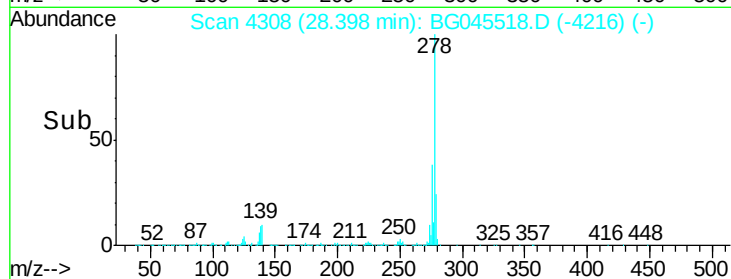
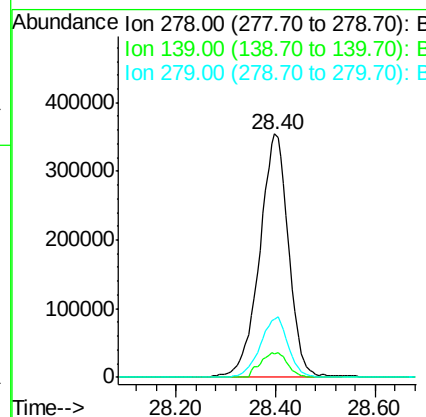
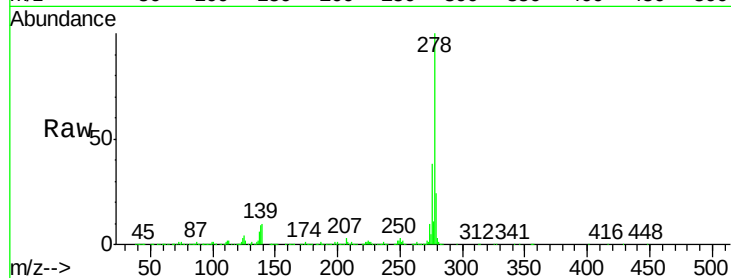
#91
Dibenzo(a,h)anthracene
Concen: 55.36 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.8	11.8
279	24.0	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 56.71 ng
RT: 29.46 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045518.D
Acq: 29 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	12.0	10.2	15.4

