

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045458.D
 Acq On : 26 May 2020 15:33
 Operator : CG/JU
 Sample : PB129076BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Manual Integrations
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mohammad
 5/27/2020 11:48:29 AM

Quant Time: May 26 16:11:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	67556	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	281265	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	207860	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	496442	20.00	ng	0.00
76) Chrysene-d12	21.61	240	467532	20.00	ng	0.00
87) Perylene-d12	24.76	264	529454	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	533113	154.22	ng	0.00
7) Phenol-d6	7.18	99	750571	152.55	ng	0.00
23) Nitrobenzene-d5	9.12	82	475821	92.25	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	380088	142.98	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1113522	90.87	ng	0.00
79) Terphenyl-d14	19.97	244	1936439	96.60	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	67956	39.64	ng	96
3) Pyridine	3.81	79	158051	33.11	ng	98
4) n-Nitrosodimethylamine	3.72	42	71515	45.78	ng	# 88
6) Aniline	7.29	93	261482	40.71	ng	97
8) 2-Chlorophenol	7.54	128	200327	52.85	ng	98
9) Benzaldehyde	7.09	77	129788	40.49	ng	97
10) Phenol	7.21	94	264574	52.18	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	181687	45.94	ng	99
12) 1,3-Dichlorobenzene	7.85	146	205077	45.02	ng	97
13) 1,4-Dichlorobenzene	7.99	146	211774	47.11	ng	99
14) 1,2-Dichlorobenzene	8.32	146	200491	46.37	ng	96
15) Benzyl Alcohol	8.21	79	202636	49.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	170530	45.42	ng	97
17) 2-Methylphenol	8.45	107	180585	47.58	ng	94
18) Hexachloroethane	9.05	117	78853	45.80	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	166605	48.97	ng	99
20) 3+4-Methylphenols	8.78	107	239395	46.32	ng	# 59
22) Acetophenone	8.78	105	299682	44.95	ng	# 92
24) Nitrobenzene	9.16	77	247193	44.73	ng	98
25) Isophorone	9.69	82	460418	45.33	ng	97
26) 2-Nitrophenol	9.88	139	112511	47.59	ng	95
27) 2,4-Dimethylphenol	9.97	122	193509	55.19	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	253919	47.67	ng	96
29) 2,4-Dichlorophenol	10.44	162	209264	50.54	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	223296	45.64	ng	98
31) Naphthalene	10.82	128	605893	46.23	ng	99
32) Benzoic acid	10.15	122	127694	52.39	ng	96
33) 4-Chloroaniline	10.94	127	160195	29.24	ng	96
34) Hexachlorobutadiene	11.11	225	155029	44.83	ng	98
35) Caprolactam	11.70	113	73169m	48.15	ng	
36) 4-Chloro-3-methylphenol	12.10	107	240042	51.45	ng	96
37) 2-Methylnaphthalene	12.43	142	468897	48.00	ng	99
38) 1-Methylnaphthalene	12.65	142	444377	48.16	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	267215	46.03	ng	99

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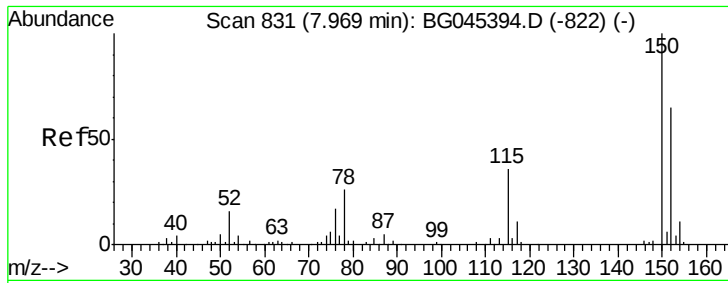
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	345363	103.06	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	188983	46.86	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	201991	43.83	ng	97
46) 1,1'-Biphenyl	13.44	154	612474	47.95	ng	98
47) 2-Chloronaphthalene	13.48	162	464086	44.75	ng	99
48) 2-Nitroaniline	13.69	65	151794	44.49	ng	90
49) Acenaphthylene	14.33	152	785696	47.16	ng	99
50) Dimethylphthalate	14.06	163	653517	45.83	ng	100
51) 2,6-Dinitrotoluene	14.18	165	147265	45.77	ng	94
52) Acenaphthene	14.67	154	460159	41.27	ng	97
53) 3-Nitroaniline	14.52	138	102709	31.40	ng	96
54) 2,4-Dinitrophenol	14.72	184	166726	79.16	ng	95
55) Dibenzofuran	15.00	168	752069	45.42	ng	97
56) 4-Nitrophenol	14.89	139	233135	94.15	ng	94
57) 2,4-Dinitrotoluene	14.97	165	212641	45.63	ng	98
58) Fluorene	15.66	166	622565	45.76	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	196492	48.46	ng	100
60) Diethylphthalate	15.43	149	667075	44.95	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	347229	44.60	ng	98
62) 4-Nitroaniline	15.68	138	150221	43.99	ng	95
63) Azobenzene	15.94	77	632370	45.70	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	128045	44.29	ng	99
66) n-Nitrosodiphenylamine	15.87	169	564133	47.33	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	248208	46.17	ng	99
68) Hexachlorobenzene	16.67	284	265842	47.28	ng	96
69) Atrazine	16.82	200	218671	44.54	ng	99
70) Pentachlorophenol	17.02	266	279358	95.69	ng	97
71) Phenanthrene	17.39	178	1031941	47.62	ng	99
72) Anthracene	17.49	178	1063096	48.85	ng	98
73) Carbazole	17.76	167	971138	45.78	ng	98
74) Di-n-butylphthalate	18.32	149	1149511	45.14	ng	99
75) Fluoranthene	19.41	202	1296684	47.04	ng	100
77) Benzidine	19.59	184	615323	46.86	ng	99
78) Pyrene	19.77	202	1278777	47.98	ng	99
80) Butylbenzylphthalate	20.65	149	521083	45.30	ng	98
81) Benzo(a)anthracene	21.59	228	1232250	47.31	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	364656	35.69	ng	98
83) Chrysene	21.66	228	1178886	47.07	ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	728108	46.04	ng	100
85) Di-n-octyl phthalate	22.69	149	1236342	45.52	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1592185	48.62	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1319790	46.48	ng	99
89) Benzo(k)fluoranthene	23.83	252	1320060	49.48	ng	100
90) Benzo(a)pyrene	24.61	252	1231981	46.59	ng	# 98
91) Dibenzo(a,h)anthracene	28.40	278	1288967	48.50	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1321748	49.73	ng	98

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



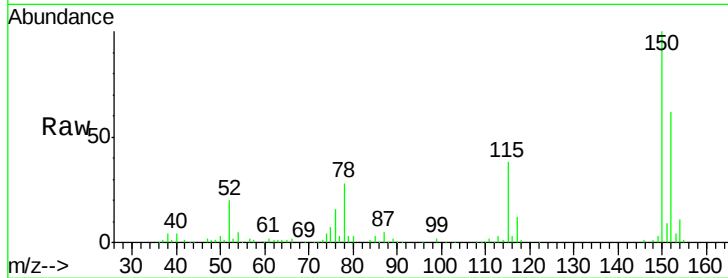
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.4	183.6
115	61.3	44.2	66.4

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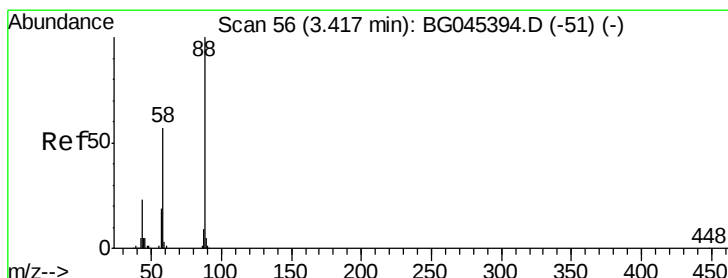
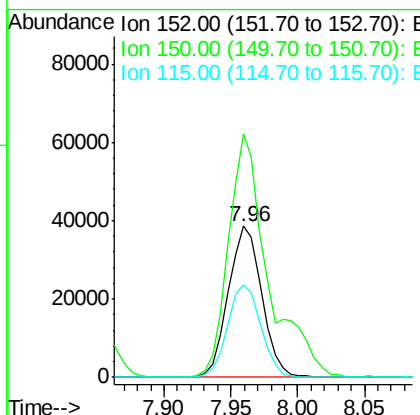
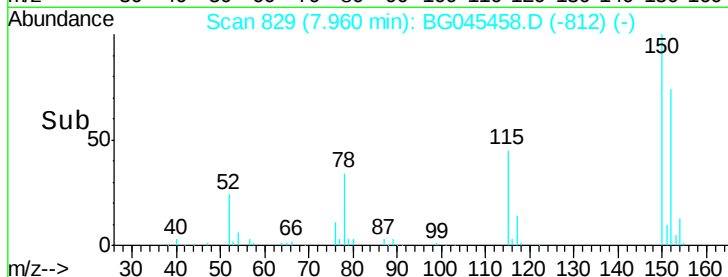


Abundance

Ion 152.00 (151.70 to 152.70): E

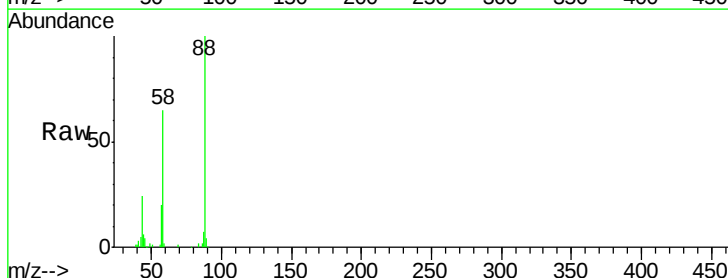
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 39.64 ng
 RT: 3.41 min Scan# 54
 Delta R.T. -0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	45.7	68.5
43	23.0	16.8	25.2

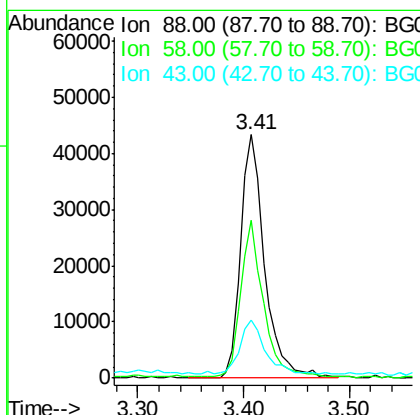
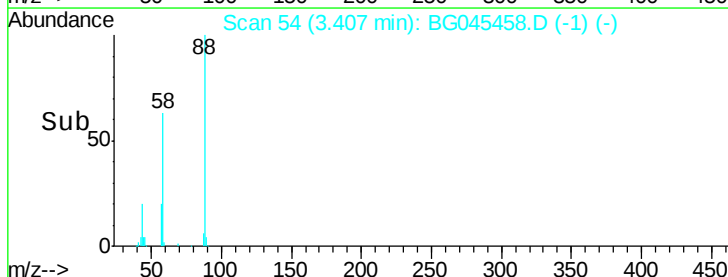


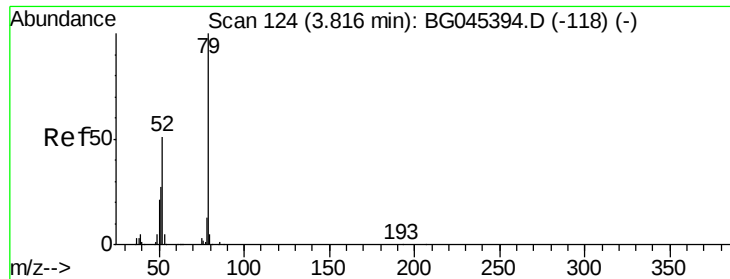
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.11 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

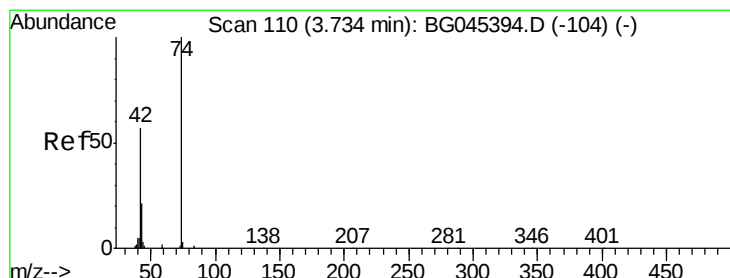
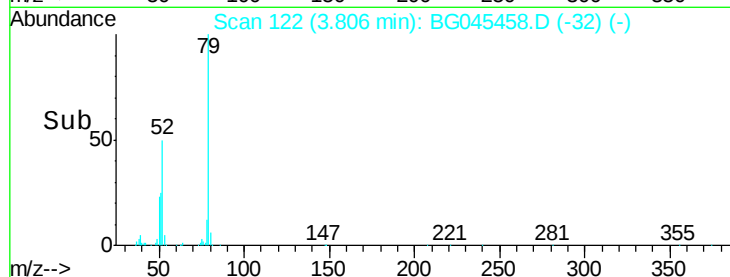
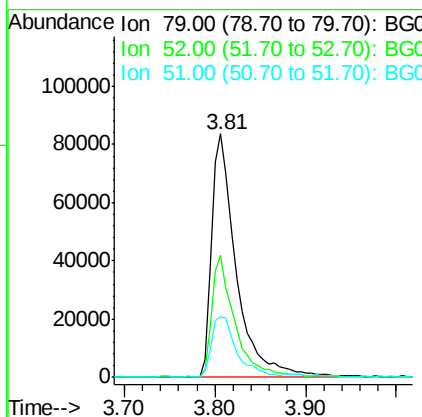
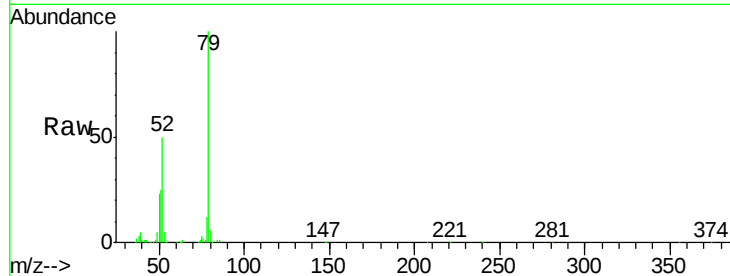
ClientSampleID :

PB129076BS

Tgt Ion:	79	Resp:	158051
Ion	Ratio	Lower	Upper
79	100		
52	50.2	40.8	61.2
51	25.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 45.78 ng

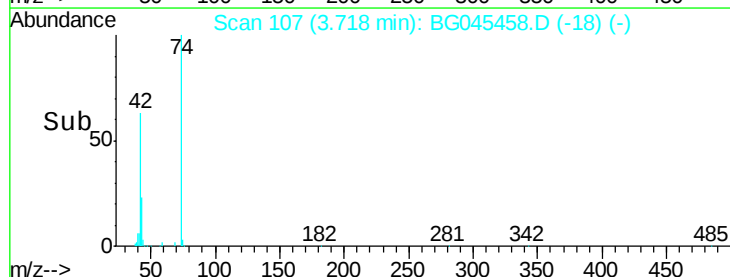
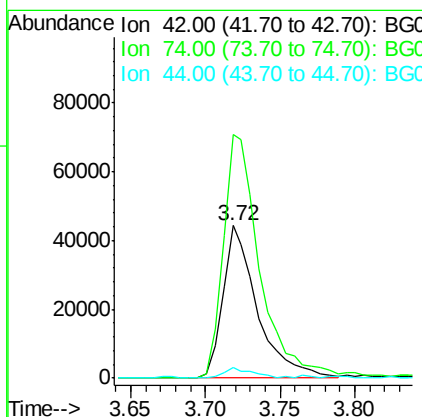
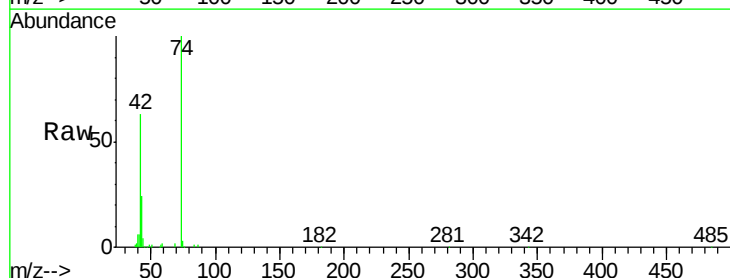
RT: 3.72 min Scan# 107

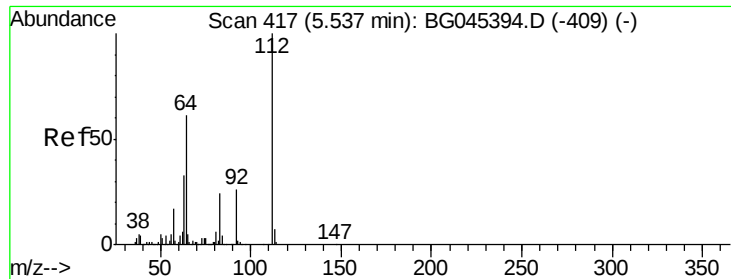
Delta R.T. -0.01 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	42	Resp:	71515
Ion	Ratio	Lower	Upper
42	100		
74	160.0	141.3	211.9
44	6.7	4.2	6.4#





#5

2-Fluorophenol

Concen: 154.22 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

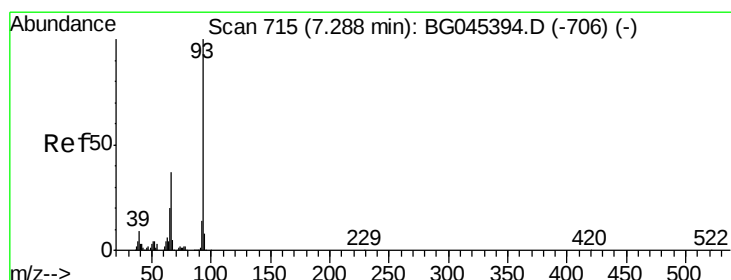
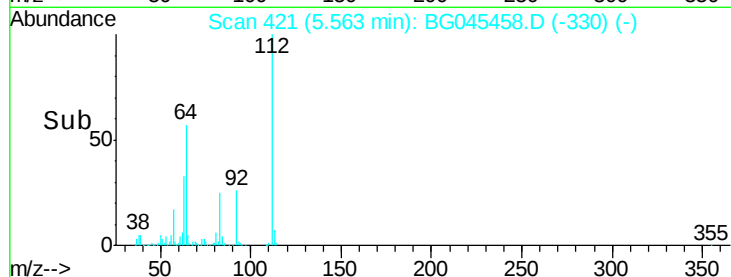
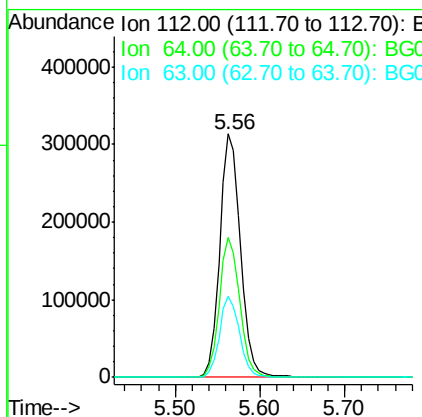
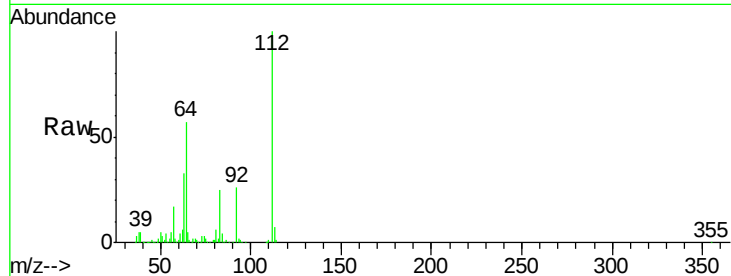
ClientSampleId :

PB129076BS

Tgt Ion:	112	Resp:	533113
Ion Ratio	Lower	Upper	
112	100		
64	57.5	48.6	72.8
63	33.4	26.5	39.7

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#6

Aniline

Concen: 40.71 ng

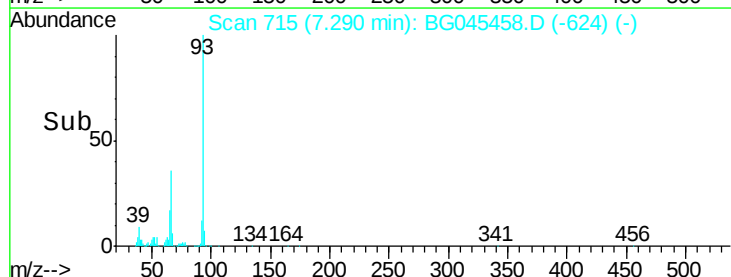
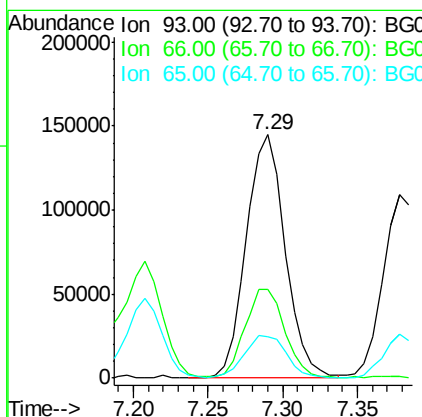
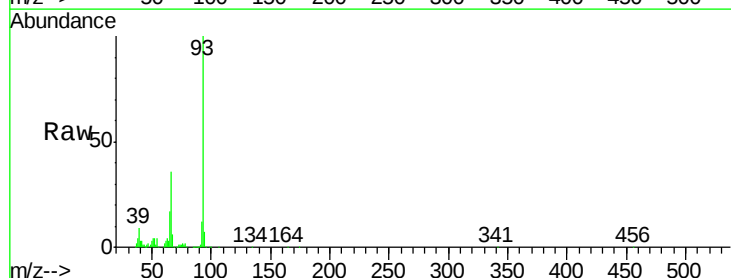
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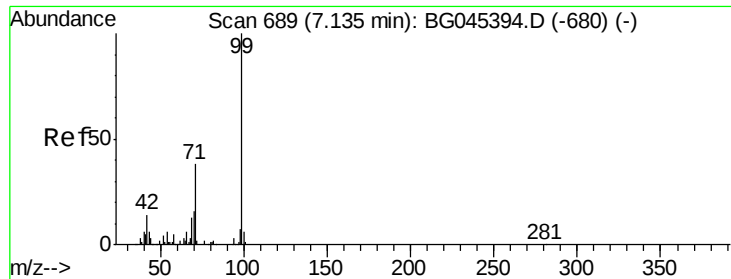
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	93	Resp:	261482
Ion Ratio	Lower	Upper	
93	100		
66	36.3	29.6	44.4
65	17.1	15.9	23.9





#7

Phenol-d6

Concen: 152.55 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

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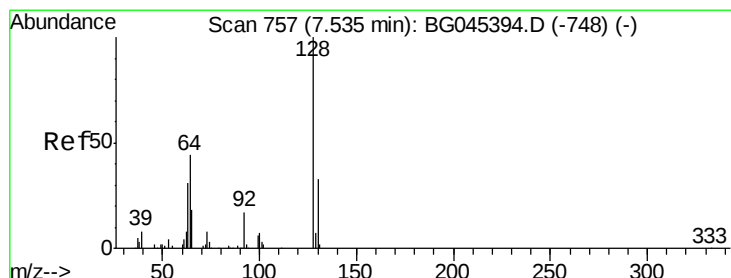
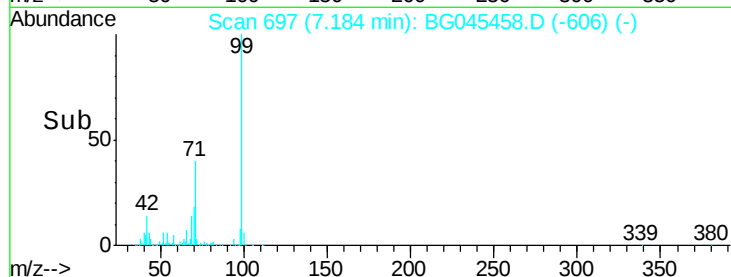
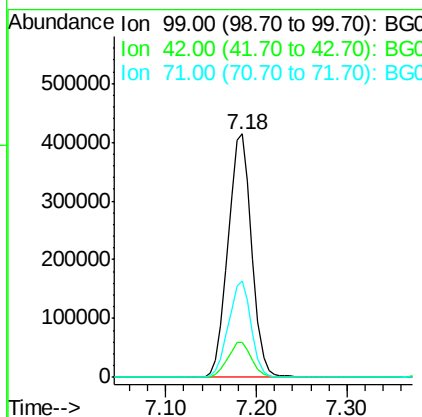
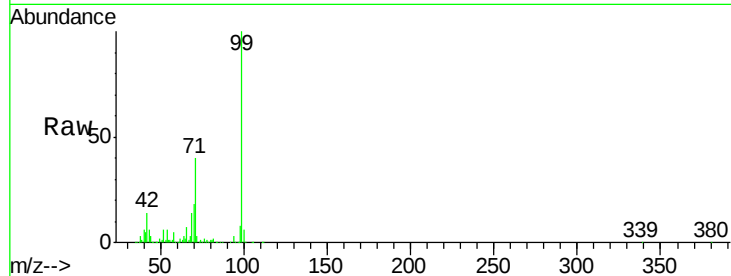
ClientSampled :

PB129076BS

Tgt Ion:	99	Resp:	750571
Ion Ratio	Lower	Upper	
99	100		
42	14.3	11.3	16.9
71	39.5	30.8	46.2

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#8

2-Chlorophenol

Concen: 52.85 ng

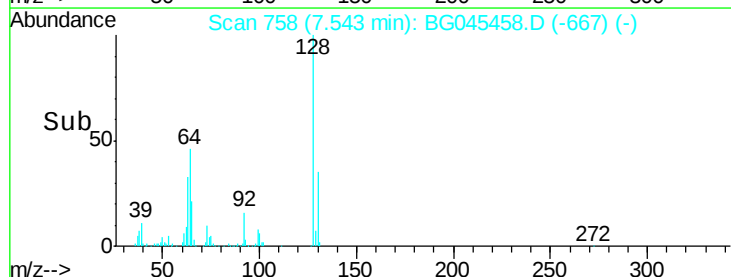
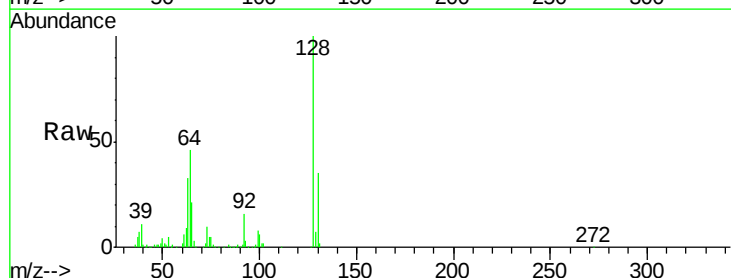
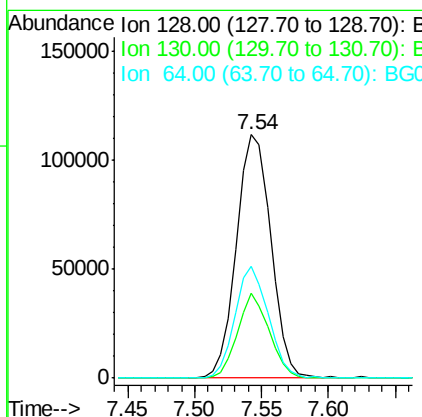
RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	128	Resp:	200327
Ion Ratio	Lower	Upper	
128	100		
130	34.7	12.6	52.6
64	46.1	27.0	67.0





#9

Benzaldehyde

Concen: 40.49 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

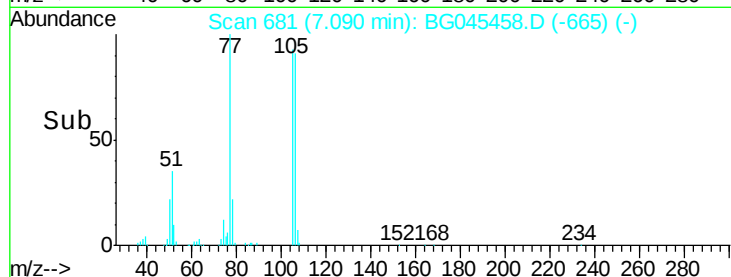
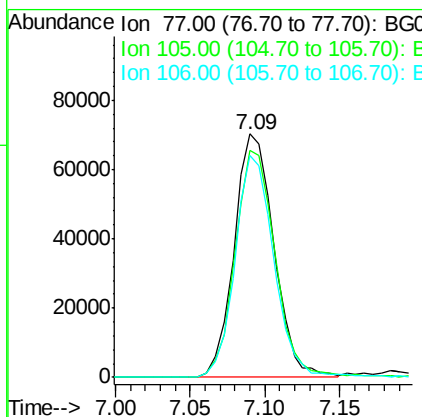
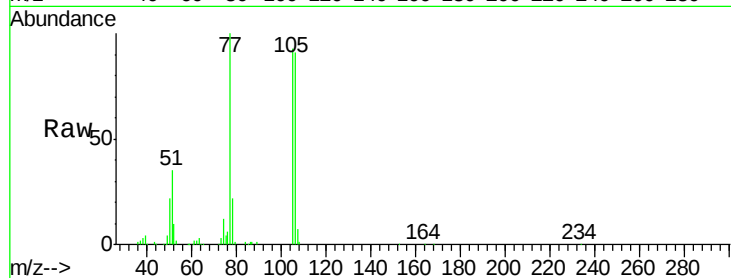
ClientSampleId :

PB129076BS

Tgt Ion:	77	Resp:	129788
Ion Ratio	Lower	Upper	
77	100		
105	93.1	68.5	108.5
106	91.2	71.6	111.6

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#10

Phenol

Concen: 52.18 ng

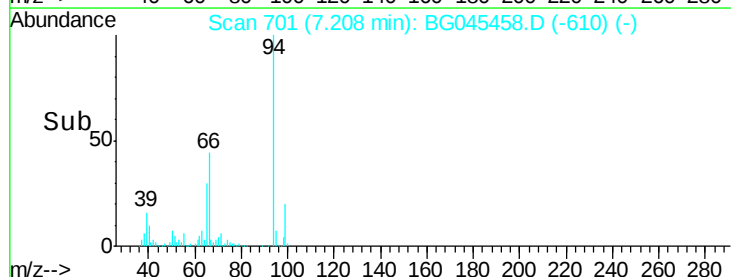
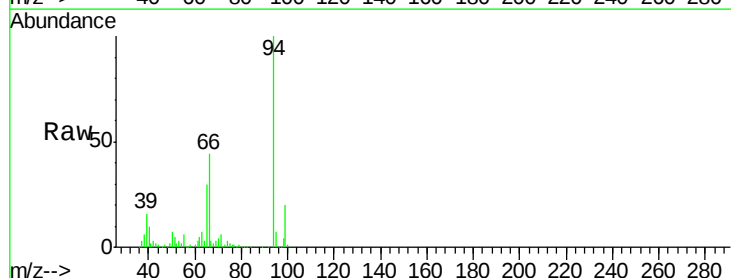
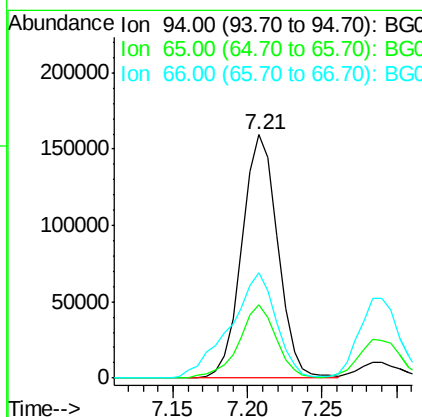
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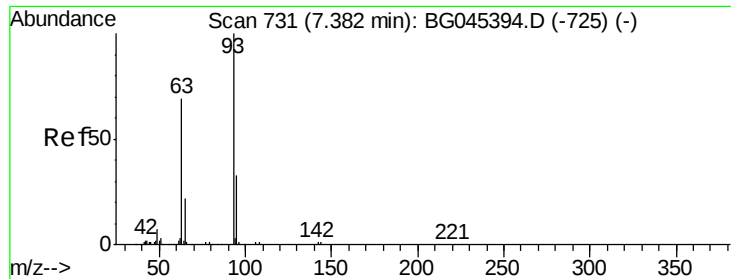
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	264574
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.8	49.8
66	43.5	22.0	62.0





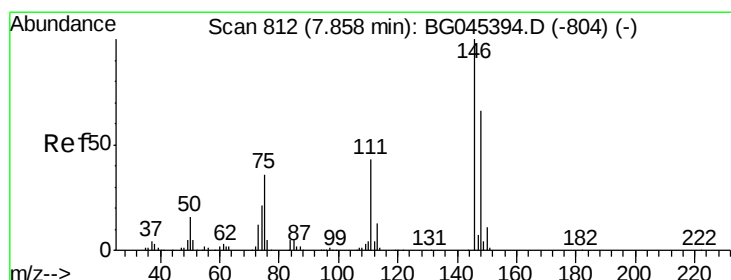
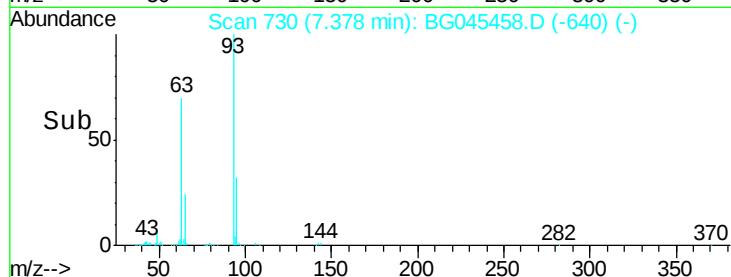
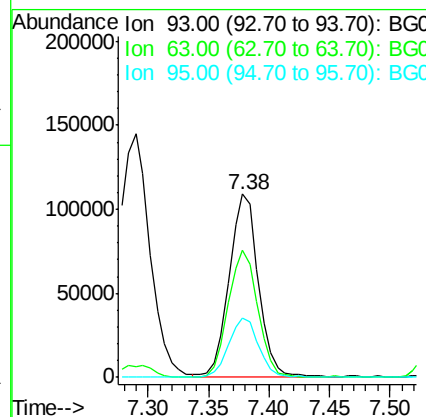
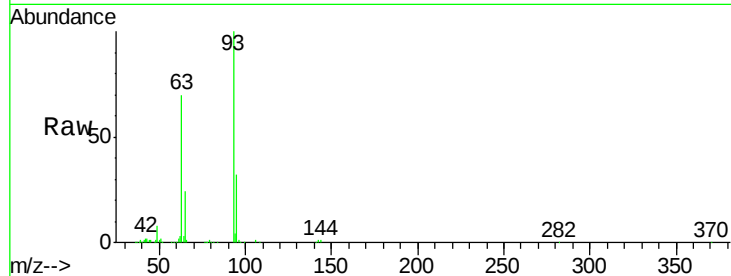
#11
bis(2-Chloroethyl)ether
Concen: 45.94 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	69.7	48.4	88.4
95	32.3	12.4	52.4

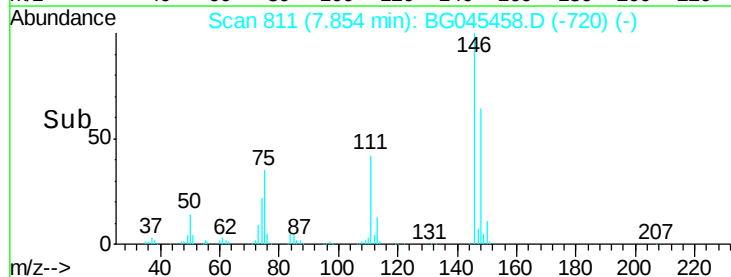
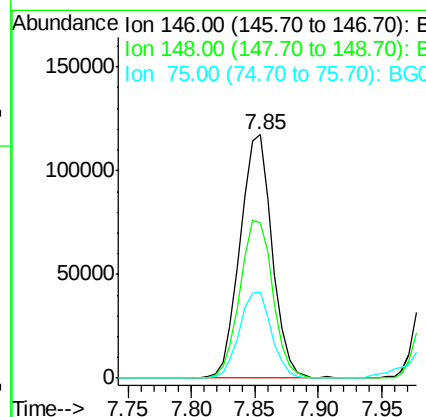
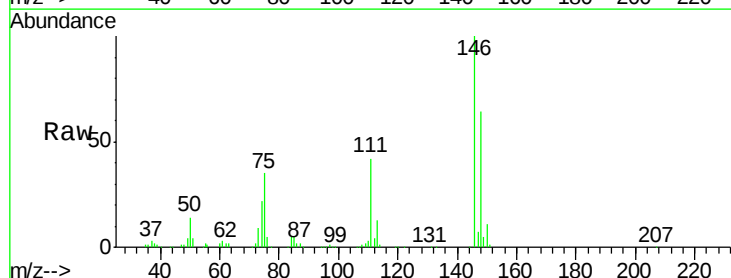
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#12
1,3-Dichlorobenzene
Concen: 45.02 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.7	53.2	79.8
75	35.4	28.6	43.0





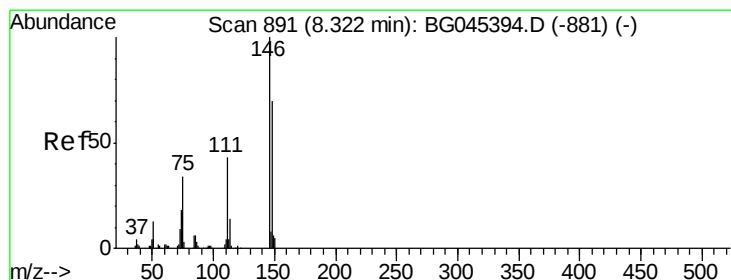
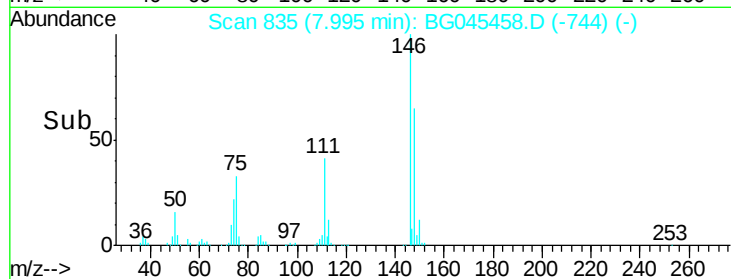
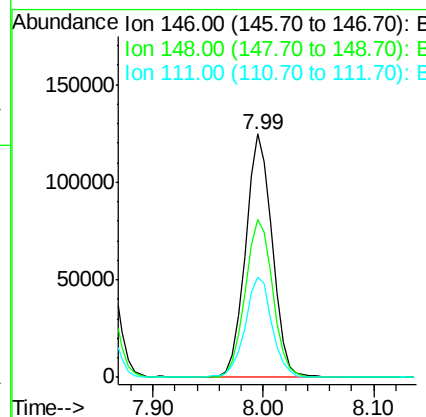
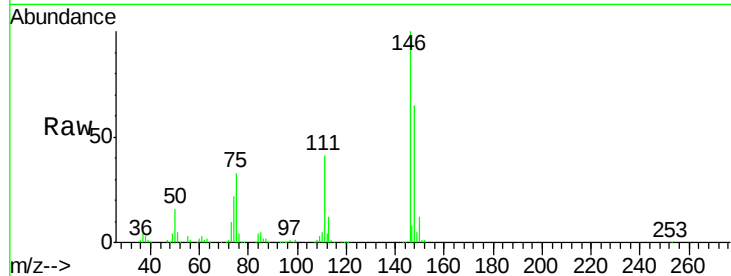
#13
 1,4-Dichlorobenzene
 Concen: 47.11 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	41.2	32.1	48.1

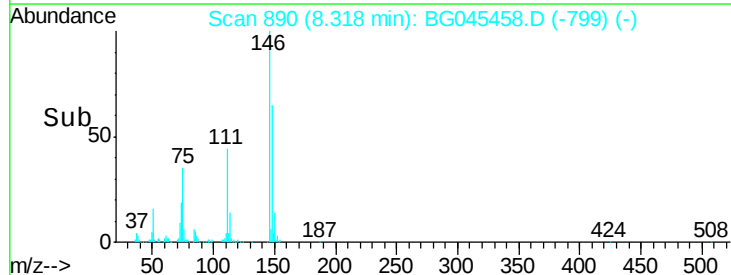
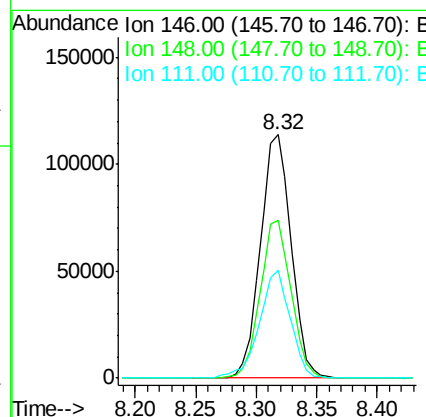
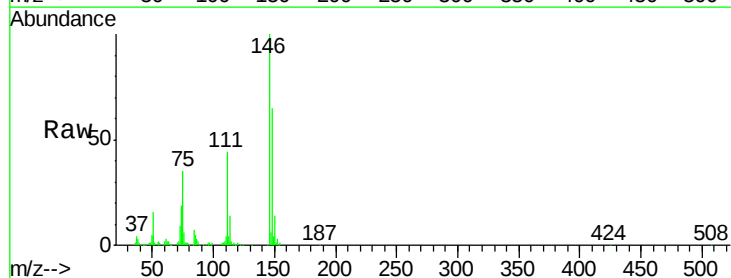
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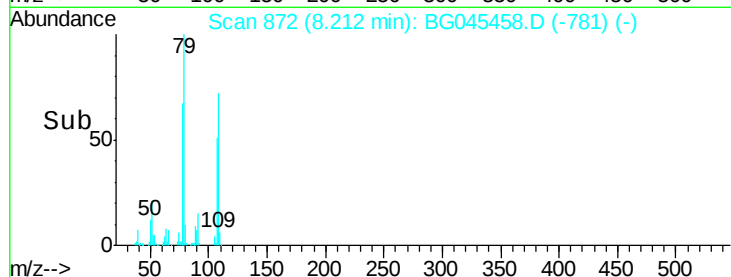
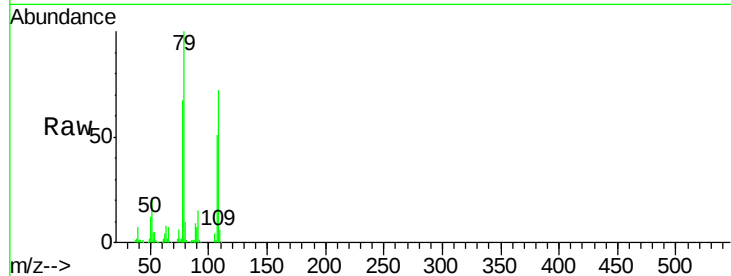
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#14
 1,2-Dichlorobenzene
 Concen: 46.37 ng
 RT: 8.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	55.9	83.9
111	44.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.86 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	79	Resp:	202636
Ion	Ratio	Lower	Upper
79	100		
108	71.7	58.2	87.4
77	67.3	51.0	76.4

Instrument :

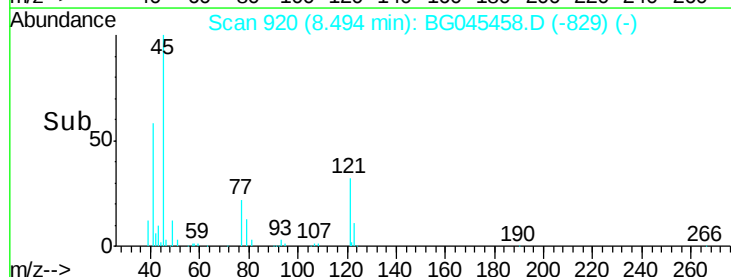
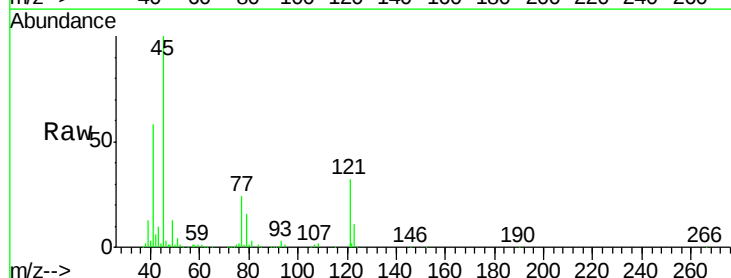
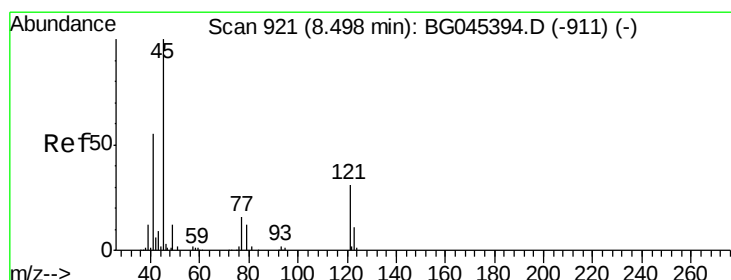
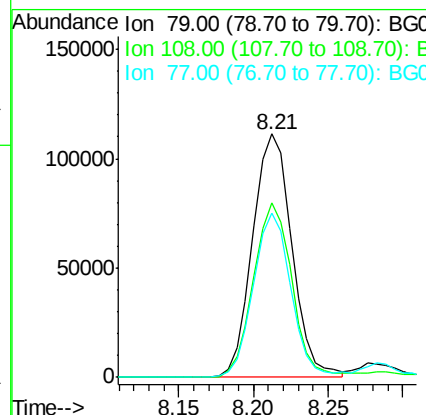
BNA_G

ClientSampleId :

PB129076BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.42 ng

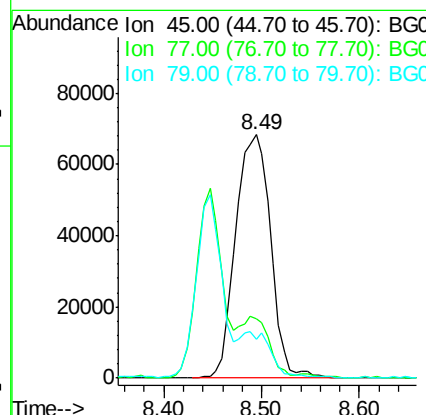
RT: 8.49 min Scan# 920

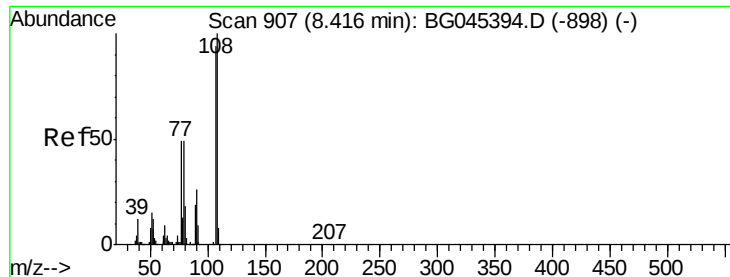
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	45	Resp:	170530
Ion	Ratio	Lower	Upper
45	100		
77	24.2	4.0	44.0
79	16.0	0.0	38.6





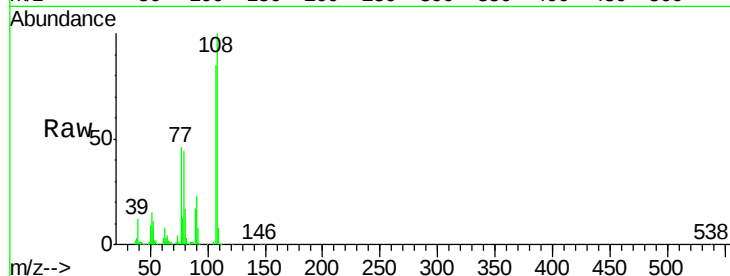
#17
2-Methylphenol
Concen: 47.58 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

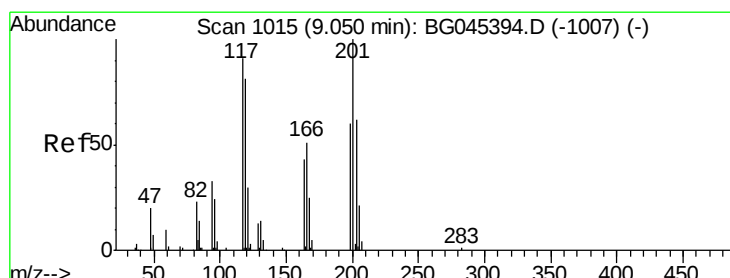
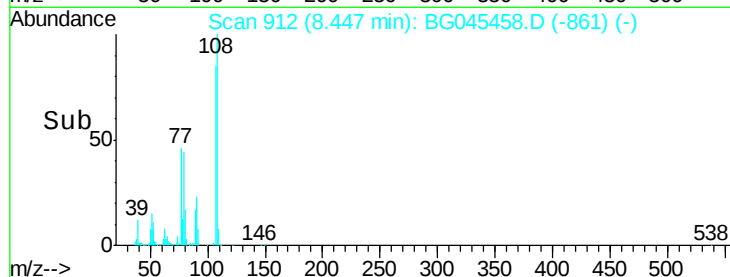
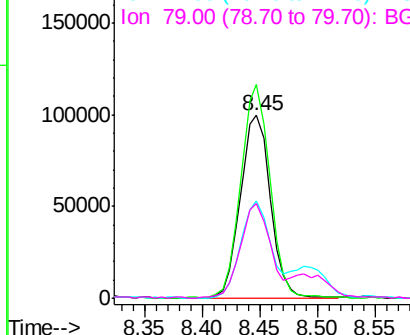
Tgt Ion:	107	Resp:	180585
Ion Ratio	Lower	Upper	
107	100		
108	117.0	85.2	127.8
77	53.5	41.6	62.4
79	51.9	41.8	62.8

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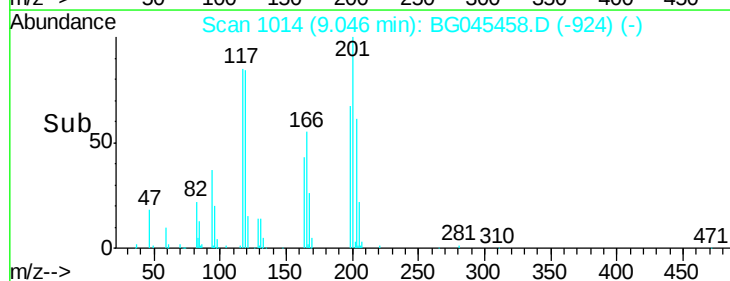
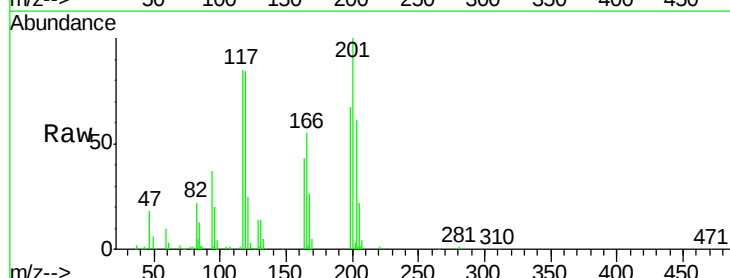
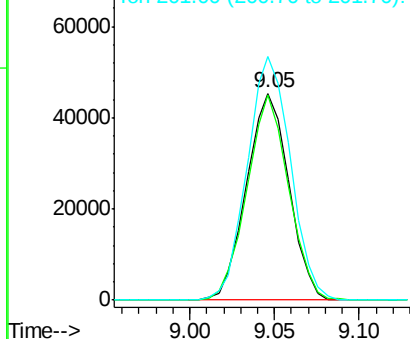
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

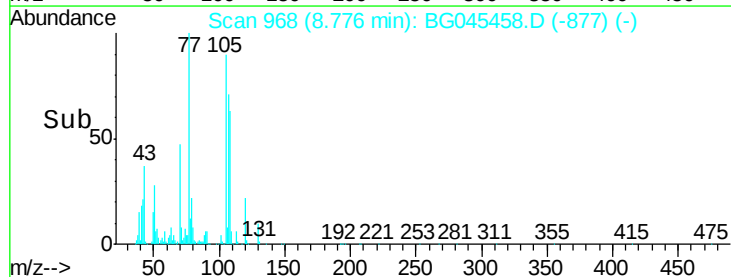
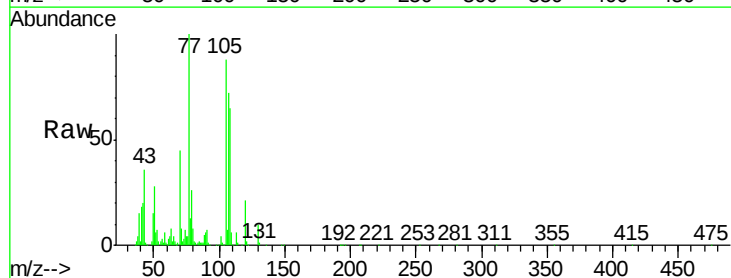
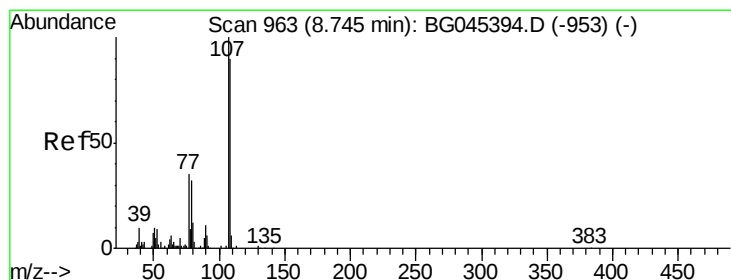
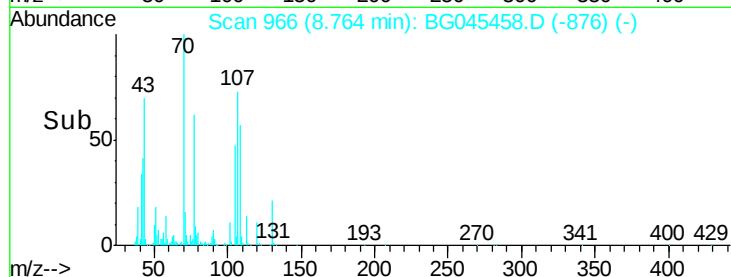
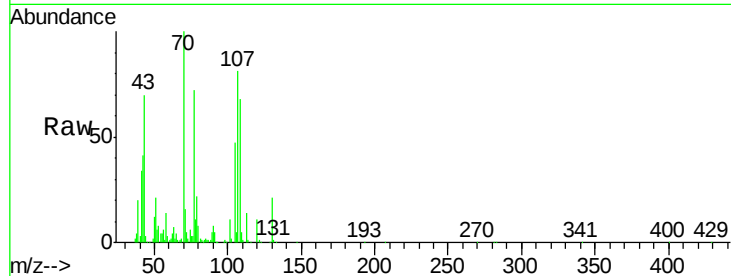
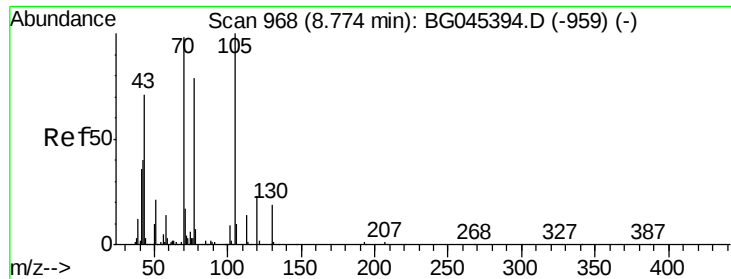


#18
Hexachloroethane
Concen: 45.80 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:	117	Resp:	78853
Ion Ratio	Lower	Upper	
117	100		
119	99.0	71.3	106.9
201	117.7	87.5	131.3

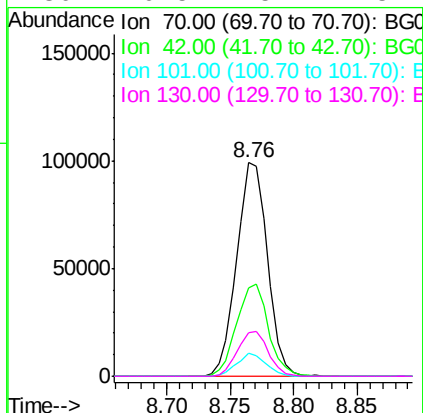
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.97 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	166605		
42	41.3	33.2	49.8	
101	10.5	7.8	11.6	
130	20.5	15.4	23.2	



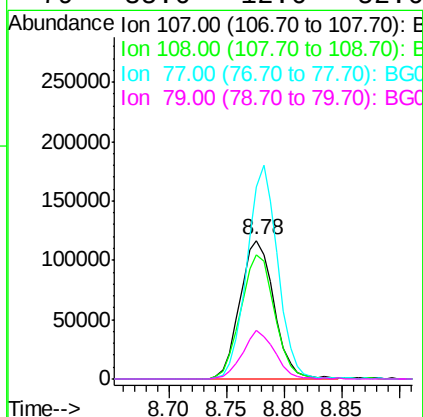
Instrument :
BNA_G
ClientSampleId :
PB129076BS

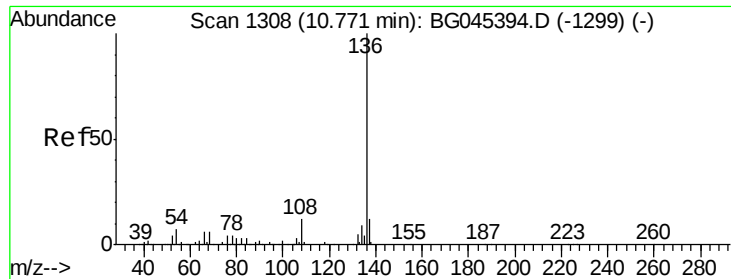
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#20
3+4-Methylphenols
Concen: 46.32 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	239395		
108	89.7	70.3	110.3	
77	138.6	15.4	55.4#	
79	35.6	12.6	52.6	





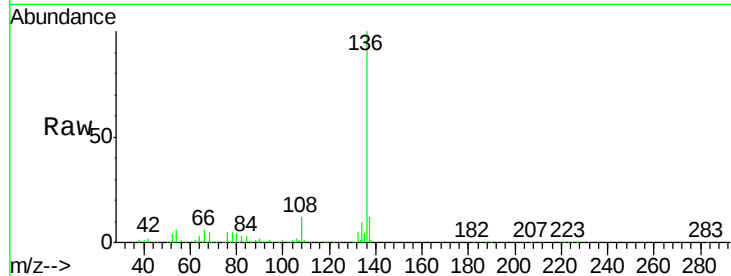
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

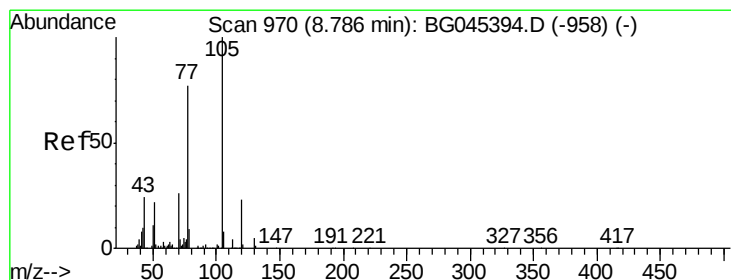
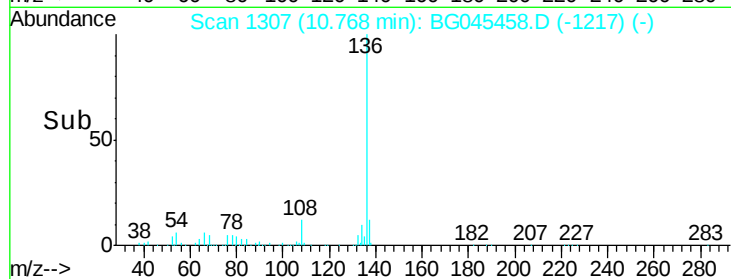
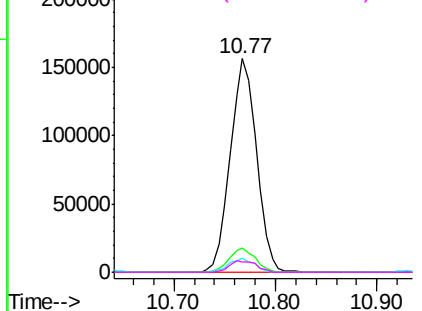
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	281265		
137	11.5	9.4	14.2	
54	6.3	5.8	8.6	
68	4.9	4.5	6.7	

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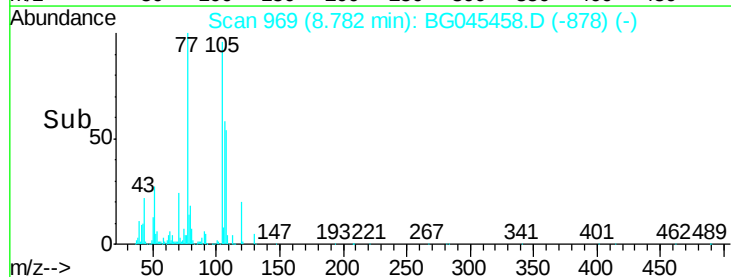
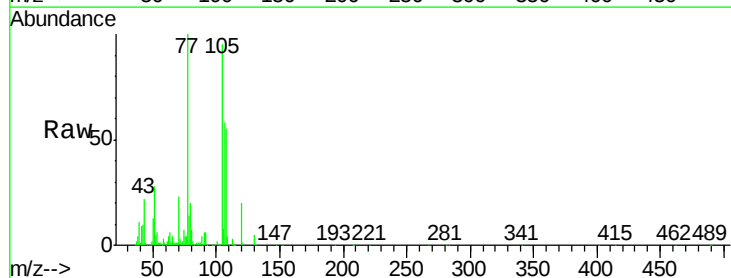
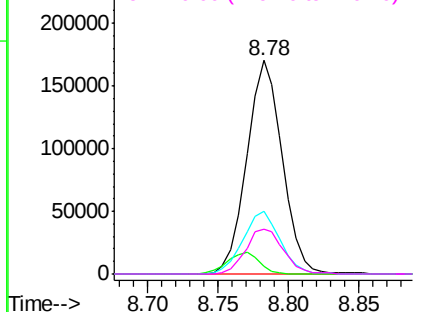
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

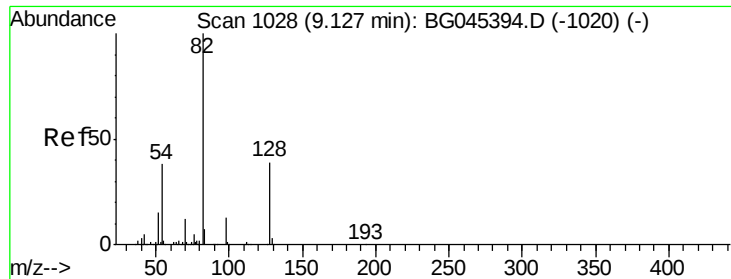


#22
Acetophenone
Concen: 44.95 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299682		
71	3.4	3.4	5.0#	
51	29.1	18.2	27.2#	
120	21.0	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





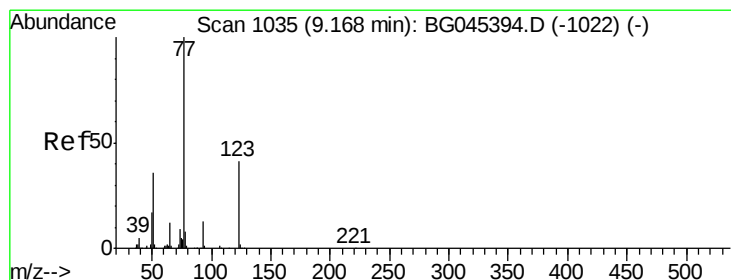
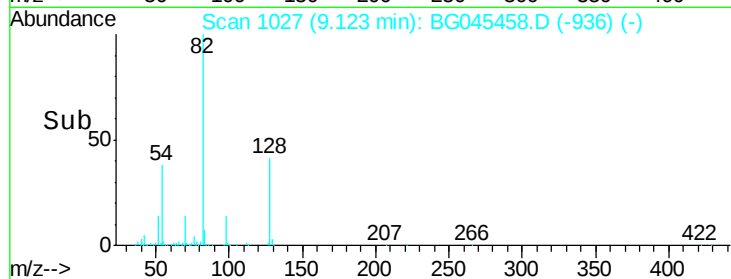
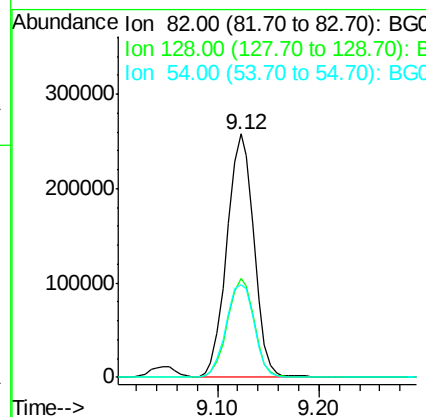
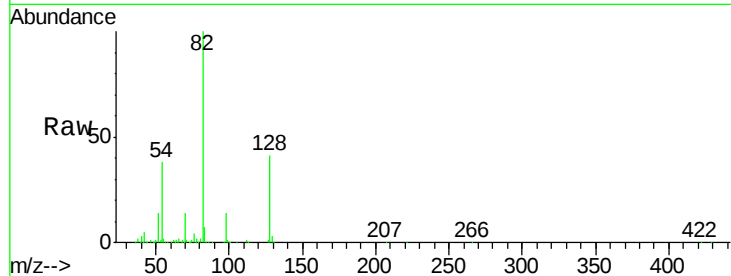
#23
 Nitrobenzene-d5
 Concen: 92.25 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	475821		
128	40.8	30.9	46.3	
54	38.2	30.3	45.5	

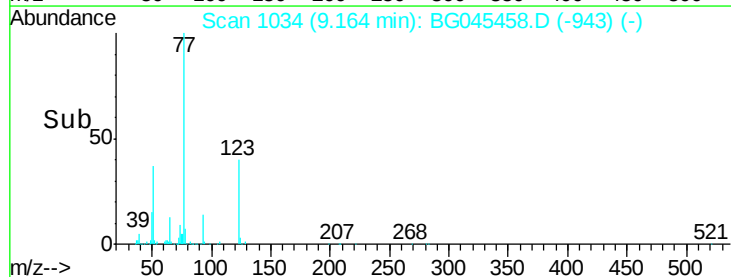
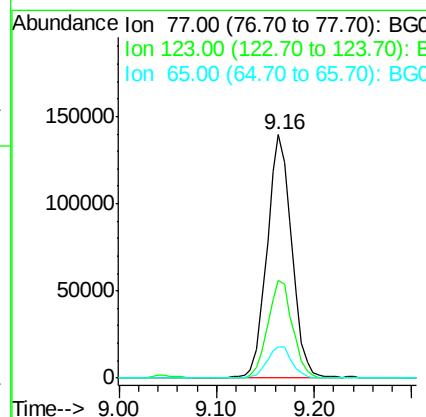
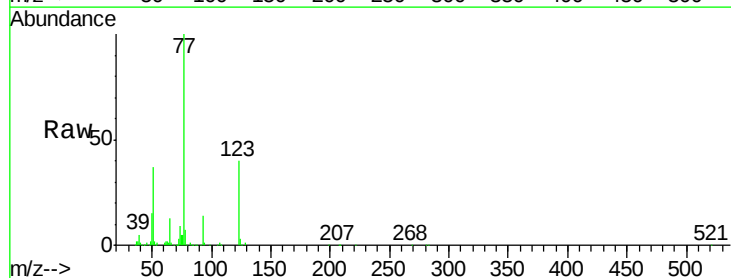
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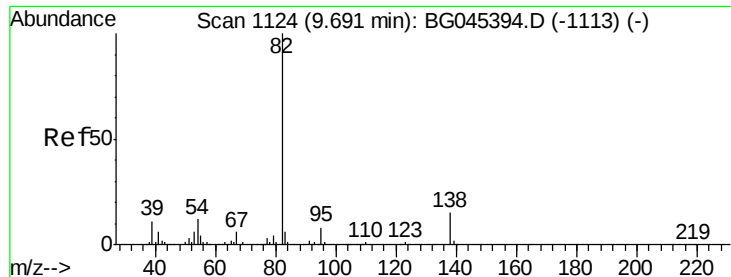
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#24
 Nitrobenzene
 Concen: 44.73 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	247193		
123	40.0	32.9	49.3	
65	13.0	9.4	14.2	





#25

Isophorone

Concen: 45.33 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

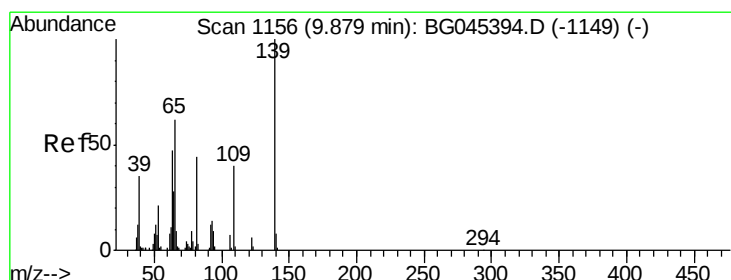
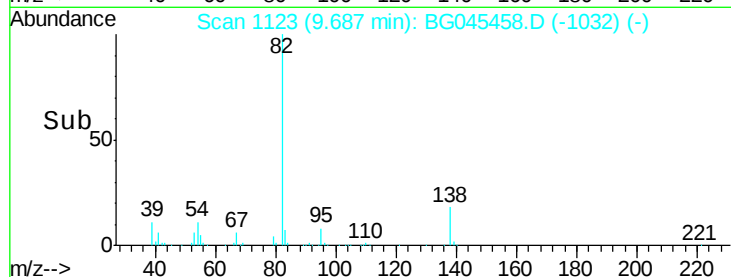
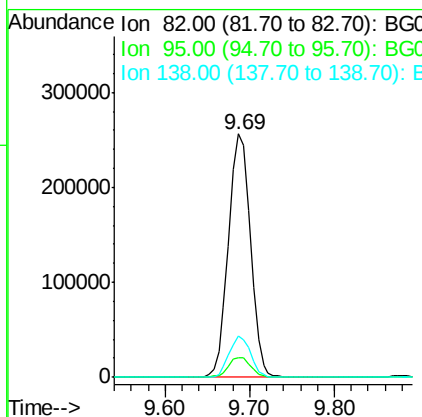
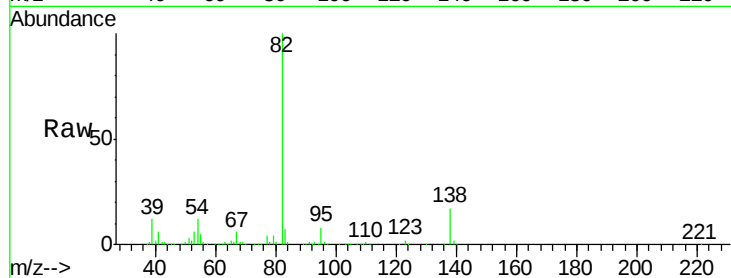
ClientSampleId :

PB129076BS

Tgt Ion:	82	Resp:	460418
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.7	10.1
138	16.7	12.2	18.4

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#26

2-Nitrophenol

Concen: 47.59 ng

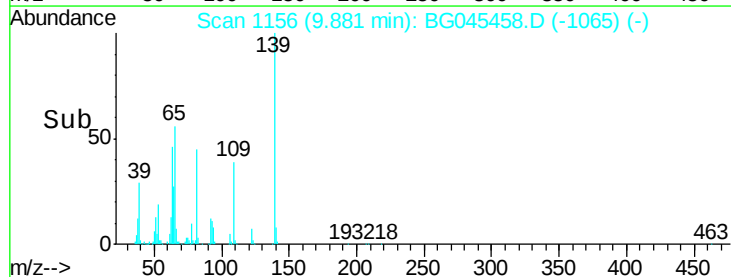
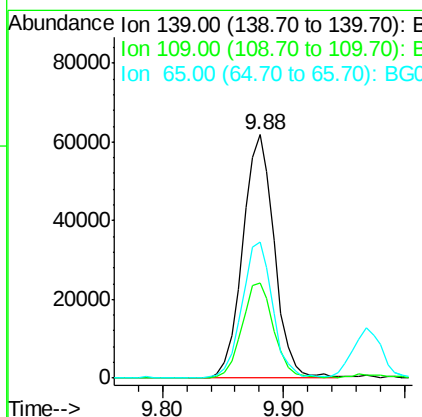
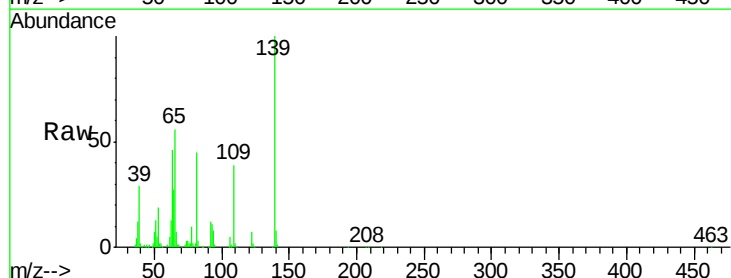
RT: 9.88 min Scan# 1156

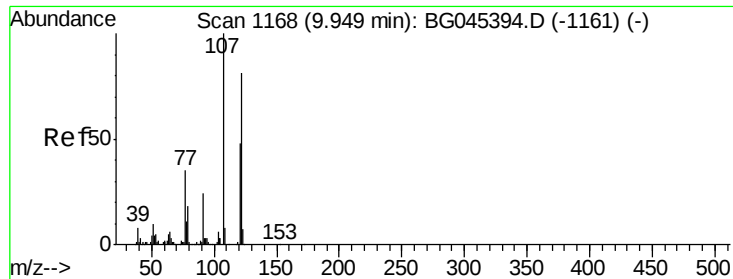
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	139	Resp:	112511
Ion Ratio	Lower	Upper	
139	100		
109	39.1	32.2	48.4
65	56.0	49.6	74.4





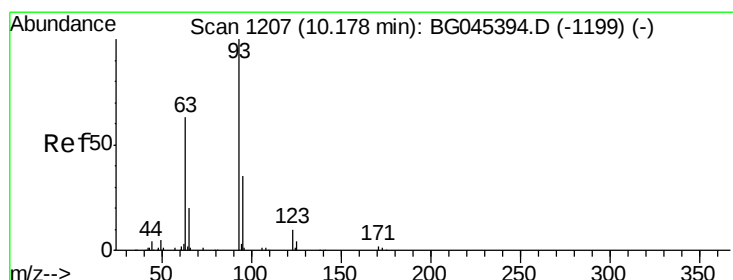
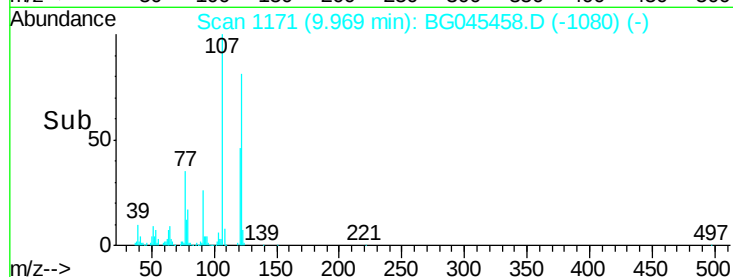
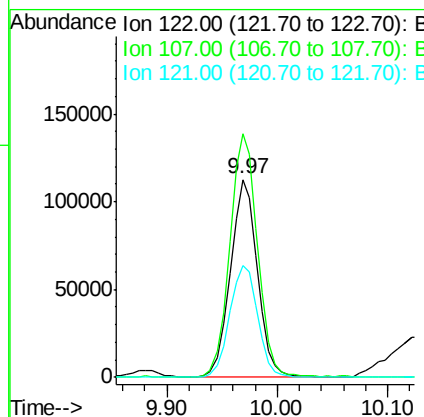
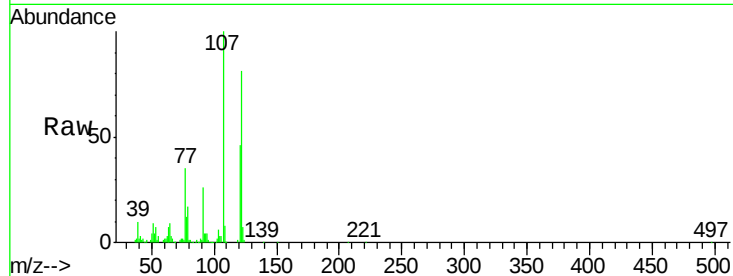
#27
2,4-Dimethylphenol
Concen: 55.19 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	193509		
107	122.9	99.0	148.4	
121	56.3	47.7	71.5	

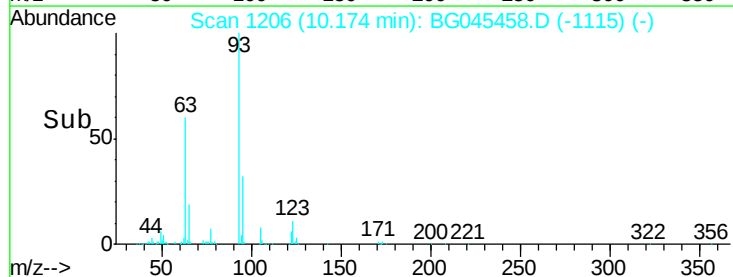
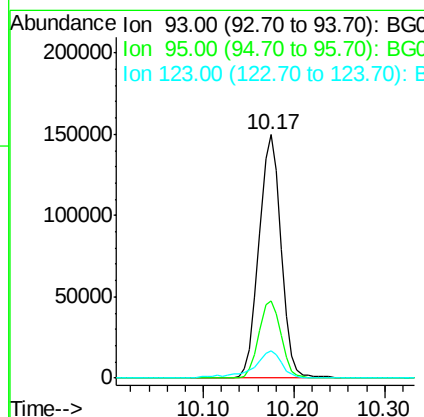
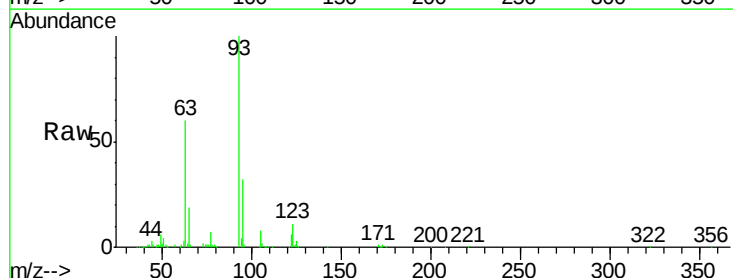
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#28
bis(2-Chloroethoxy)methane
Concen: 47.67 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	253919		
95	32.0	27.6	41.4	
123	11.2	8.1	12.1	





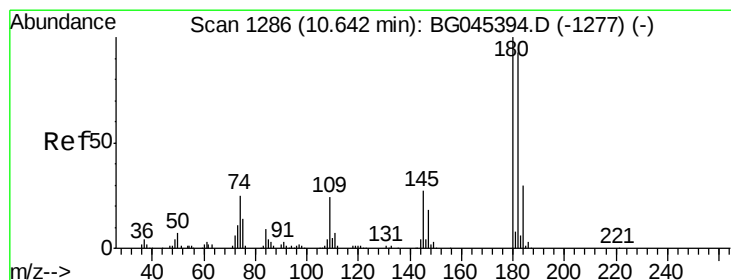
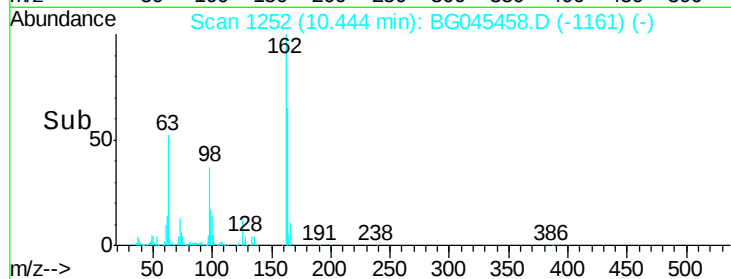
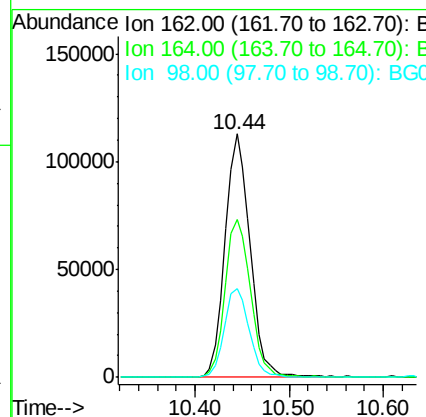
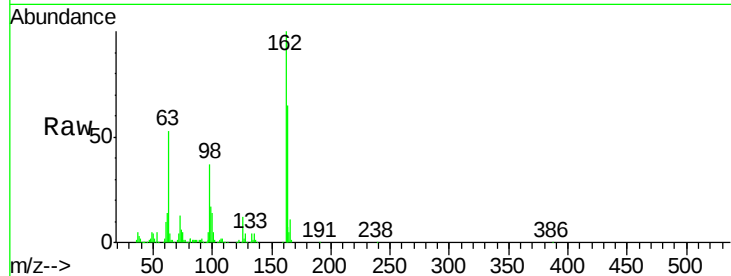
#29
2,4-Dichlorophenol
Concen: 50.54 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	46.8	86.8
98	36.6	15.2	55.2

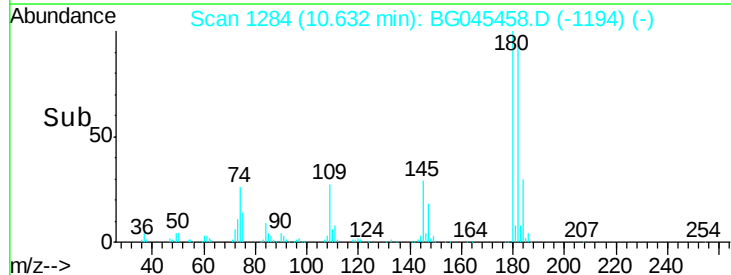
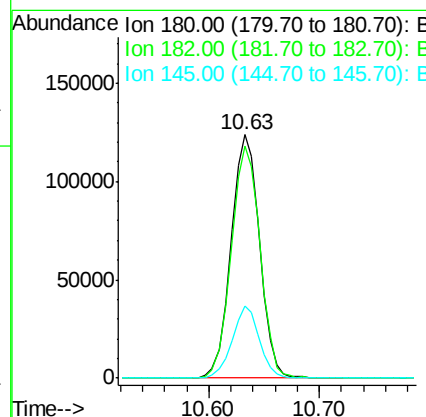
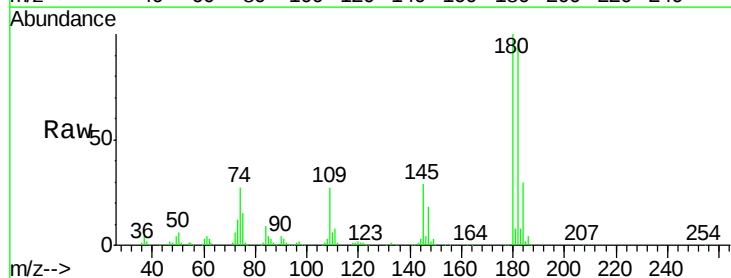
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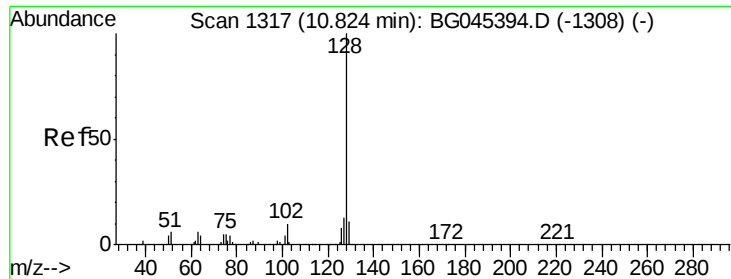
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#30
1,2,4-Trichlorobenzene
Concen: 45.64 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	74.8	112.2
145	29.4	21.9	32.9





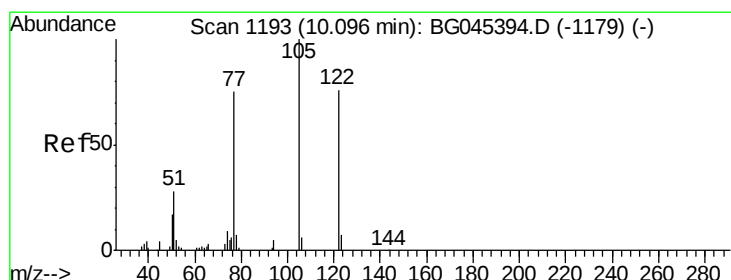
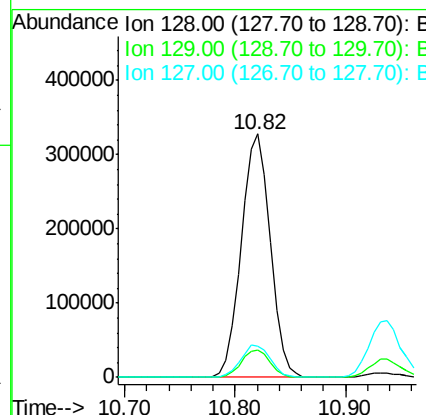
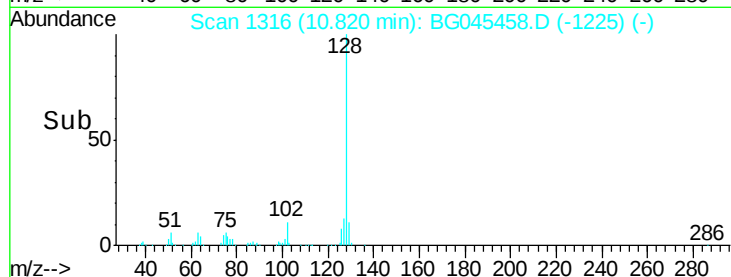
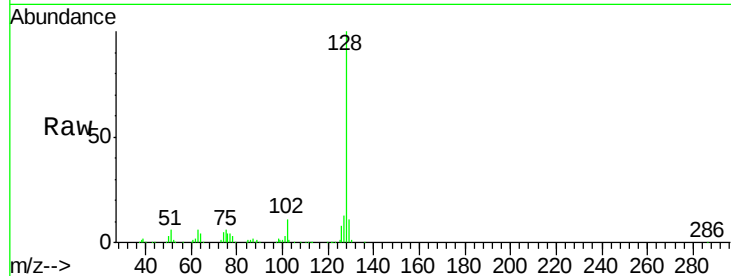
#31
Naphthalene
Concen: 46.23 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	605893		
129	11.0	9.0	13.6	
127	12.8	10.7	16.1	

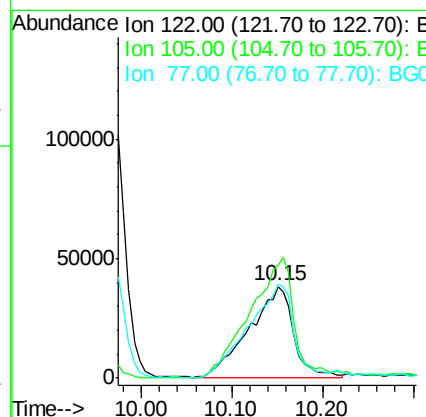
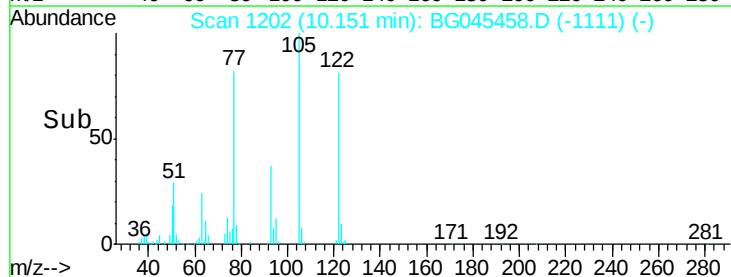
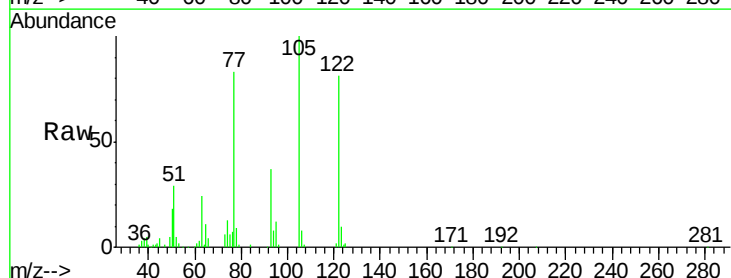
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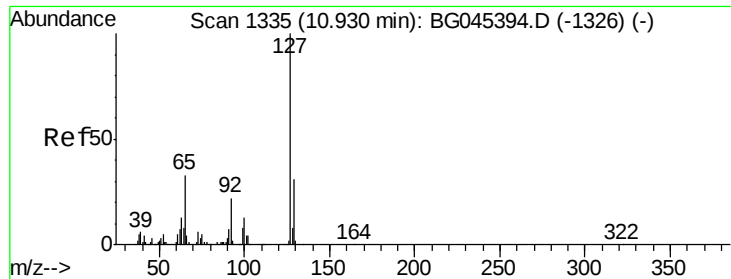
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#32
Benzoic acid
Concen: 52.39 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127694		
105	123.5	107.9	147.9	
77	102.7	78.9	118.9	





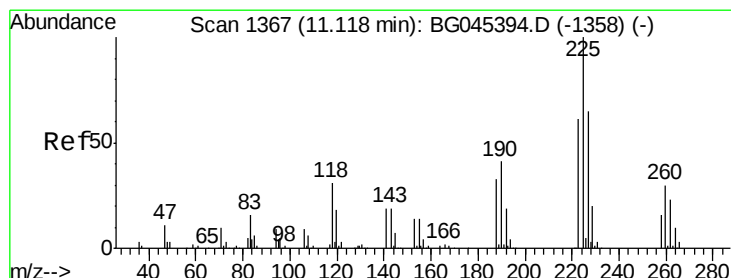
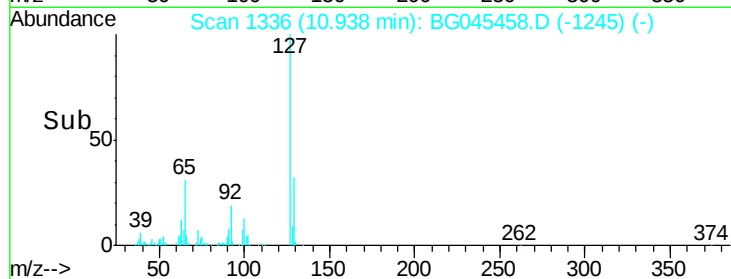
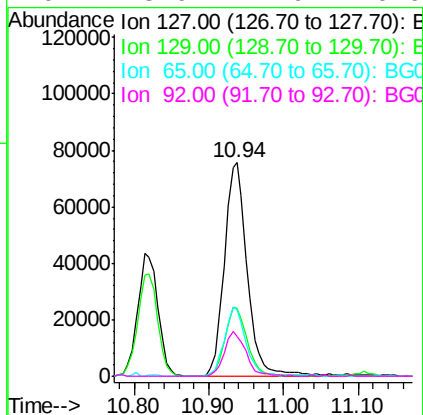
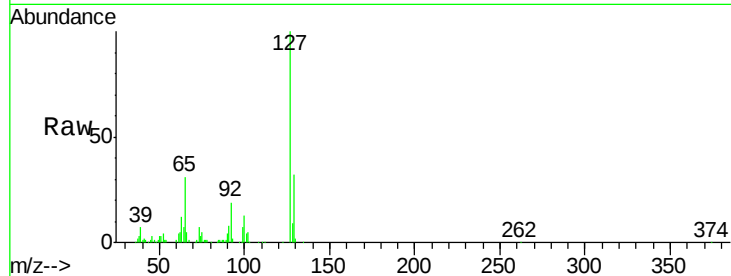
#33
4-Chloroaniline
Concen: 29.24 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	160195		
129	31.8	24.7	37.1	
65	31.0	26.2	39.2	
92	18.9	17.9	26.9	

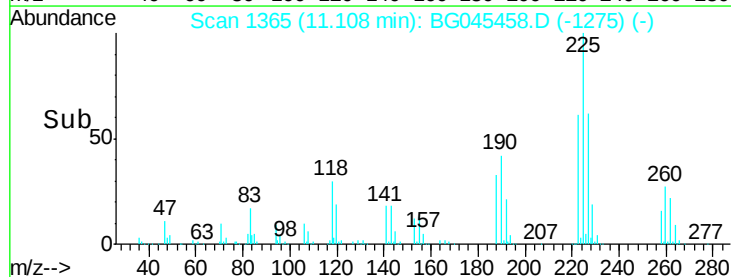
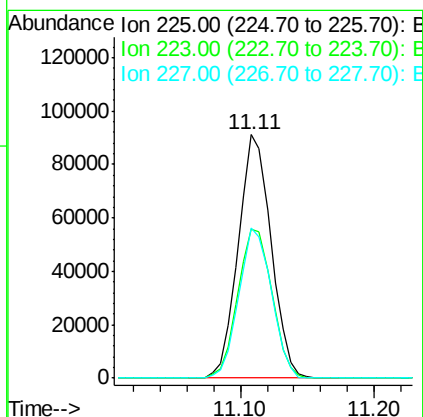
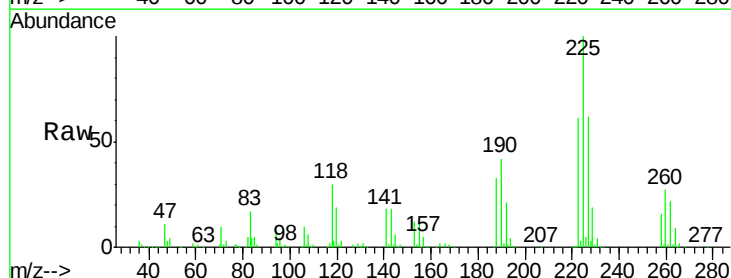
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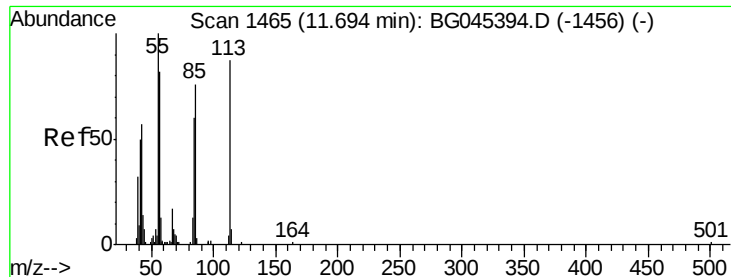
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#34
Hexachlorobutadiene
Concen: 44.83 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155029		
223	61.2	49.1	73.7	
227	61.7	52.0	78.0	





#35

Caprolactam

Concen: 48.15 ng m

RT: 11.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

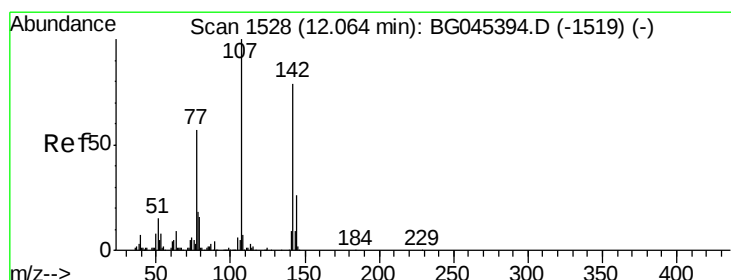
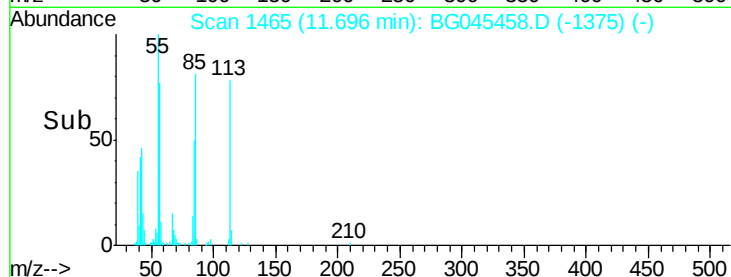
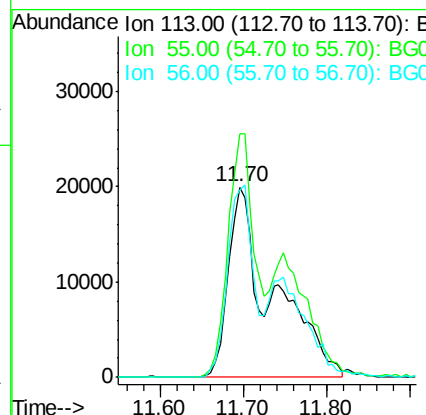
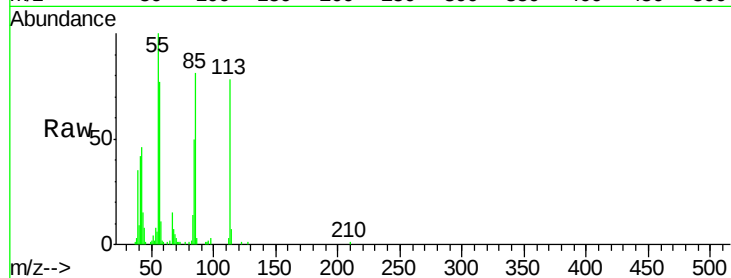
ClientSampleId :

PB129076BS

Tgt Ion:	113	Resp:	73169
Ion Ratio	Lower	Upper	
113	100		
55	127.7	96.0	136.0
56	98.5	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 51.45 ng

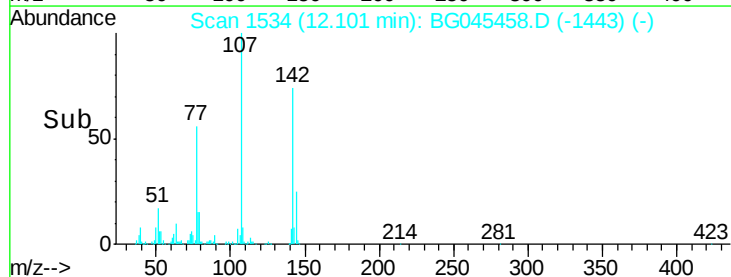
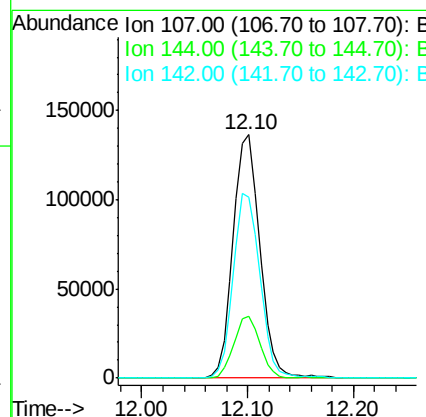
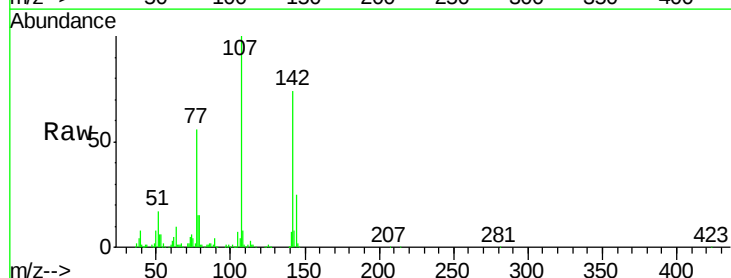
RT: 12.10 min Scan# 1534

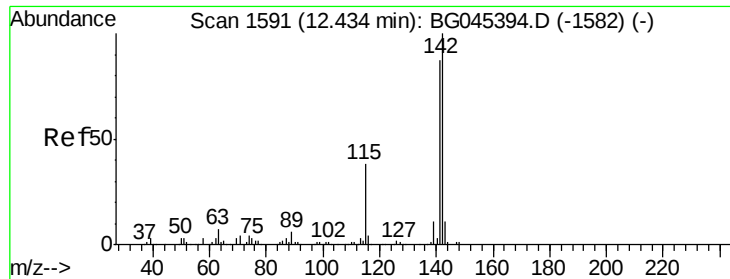
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	107	Resp:	240042
Ion Ratio	Lower	Upper	
107	100		
144	25.4	20.8	31.2
142	74.5	62.8	94.2





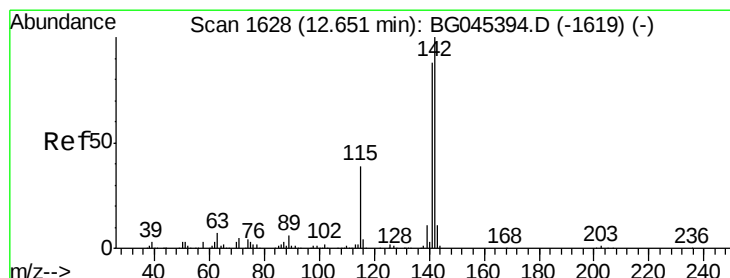
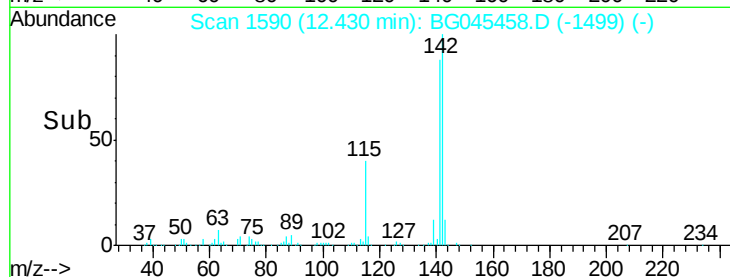
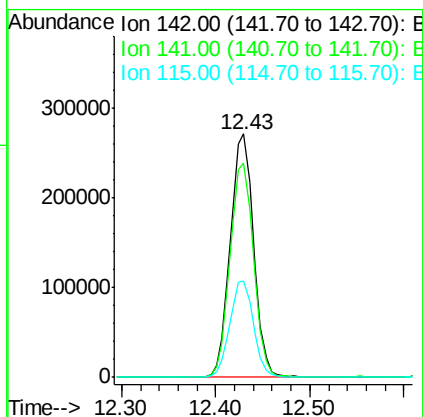
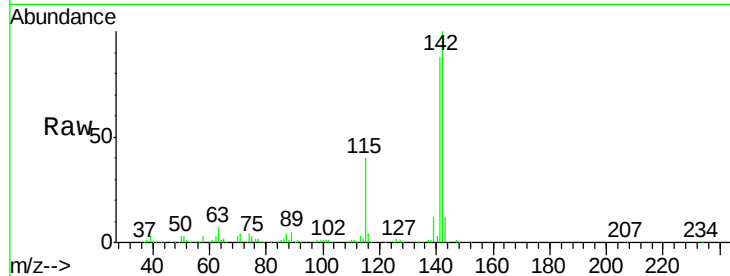
#37
2-Methylnaphthalene
Concen: 48.00 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	468897		
141	88.0	70.0	105.0	
115	39.7	30.8	46.2	

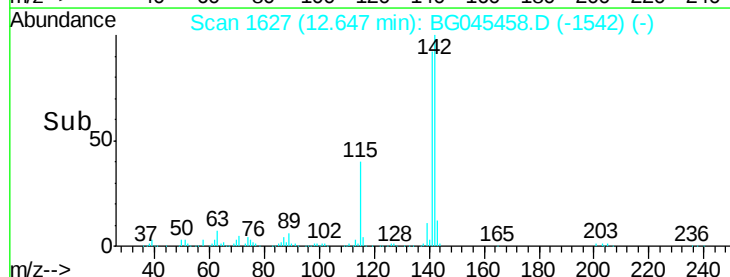
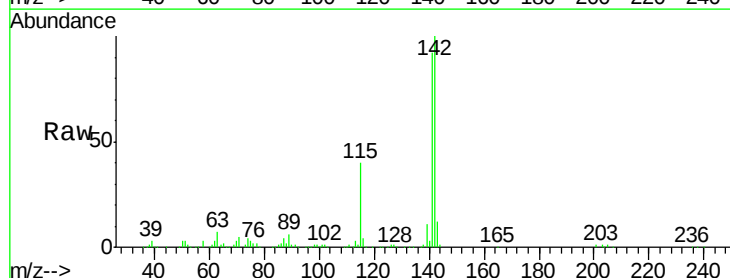
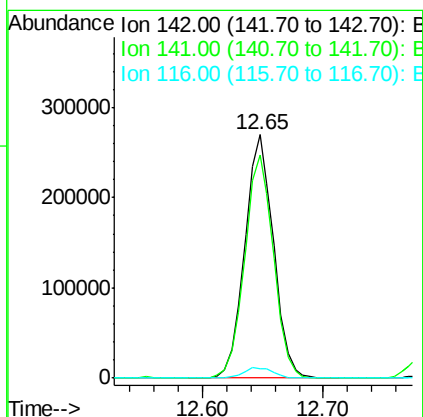
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#38
1-Methylnaphthalene
Concen: 48.16 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	444377		
141	91.6	70.8	106.2	
116	4.1	3.0	4.6	





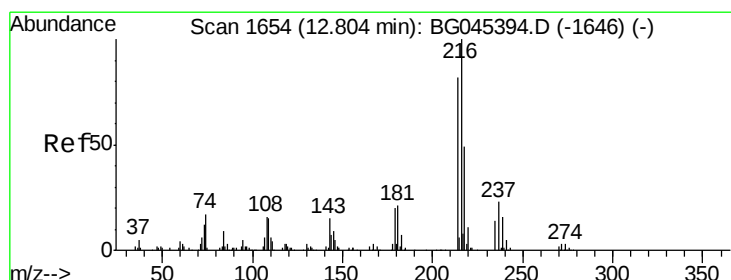
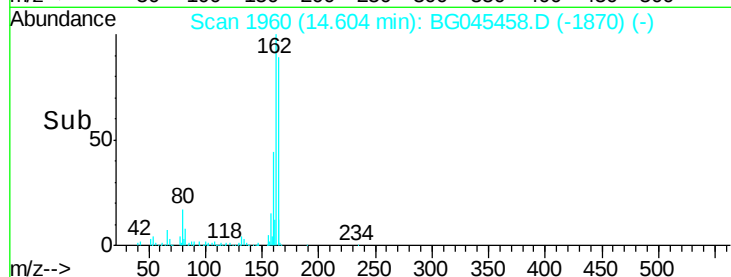
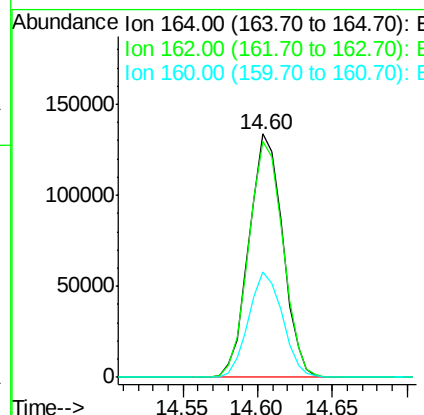
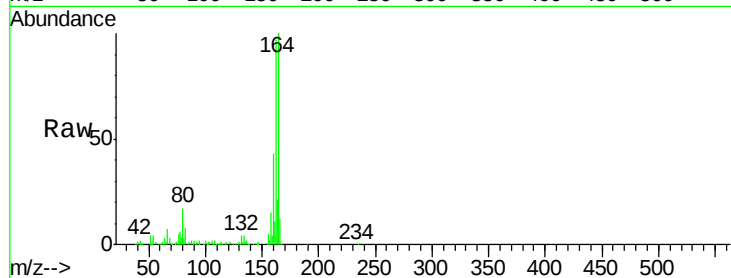
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207860		
162	97.1	76.9	115.3	
160	43.3	33.8	50.8	

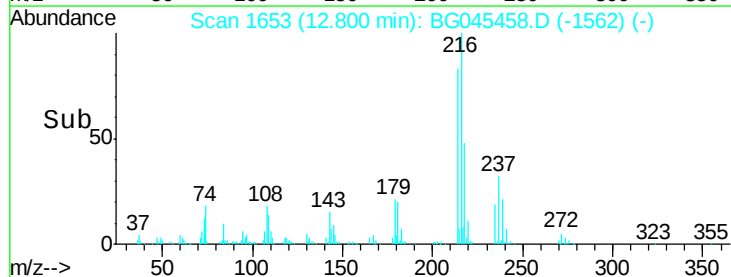
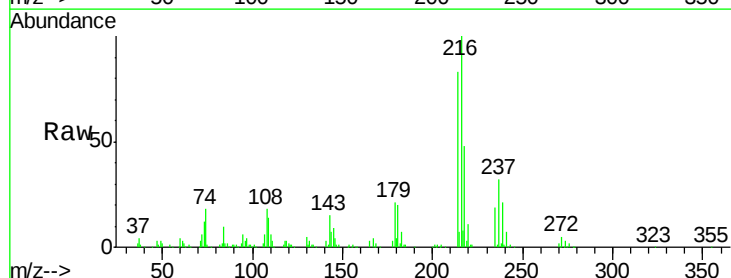
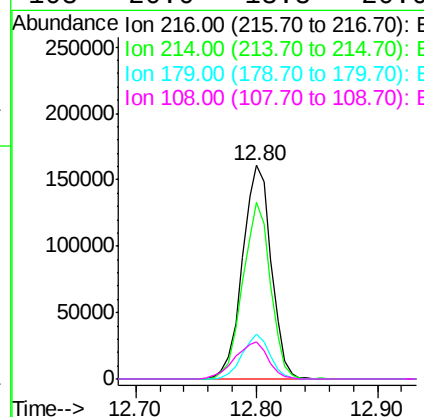
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.03 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	267215		
214	79.9	63.7	95.5	
179	20.0	16.1	24.1	
108	20.0	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 103.06 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

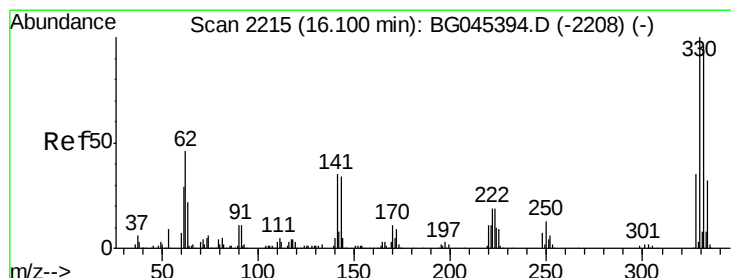
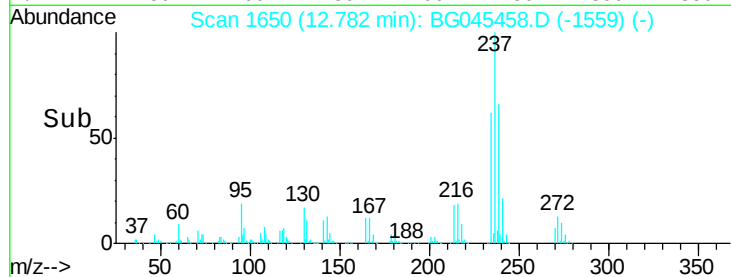
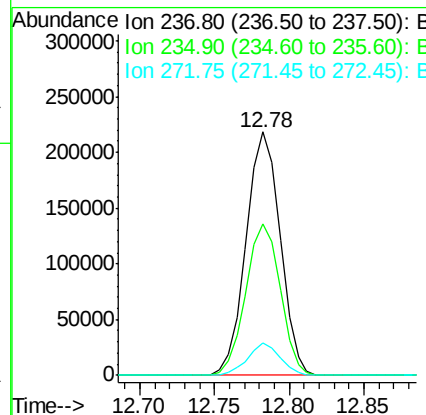
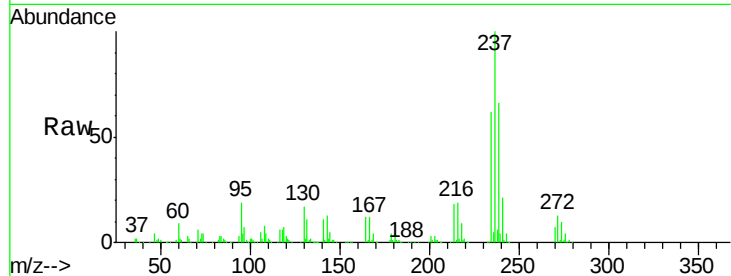
ClientSampleId :

PB129076BS

Tgt Ion:	237	Resp:	345363
Ion Ratio		Lower	Upper
237	100		
235	62.1	44.4	84.4
272	13.3	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 142.98 ng

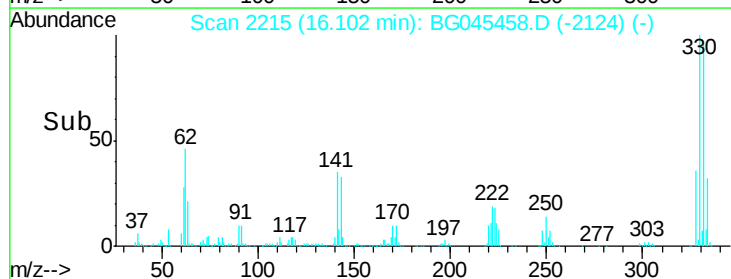
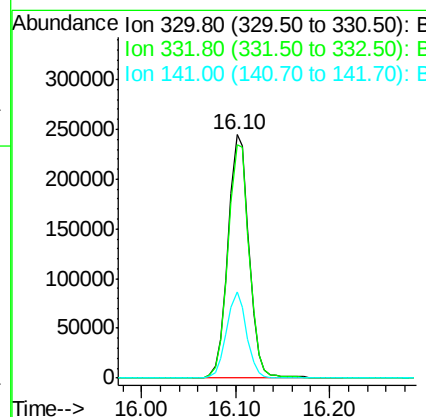
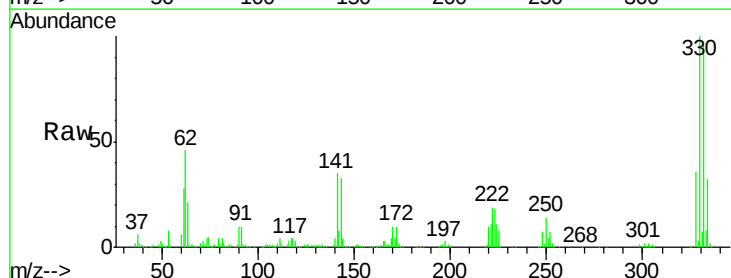
RT: 16.10 min Scan# 2215

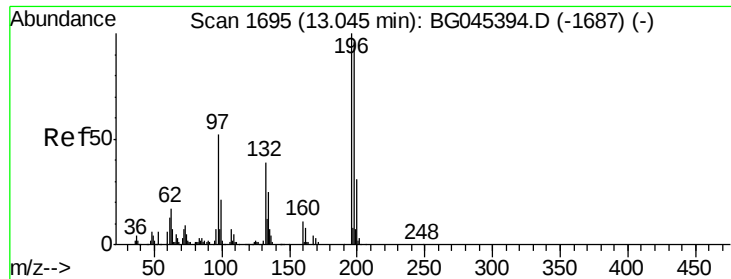
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	330	Resp:	380088
Ion Ratio		Lower	Upper
330	100		
332	97.6	78.2	117.4
141	33.9	28.2	42.4





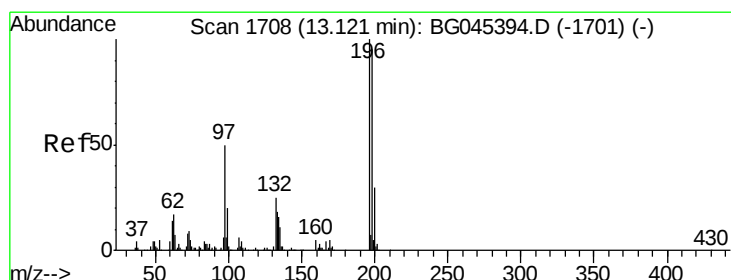
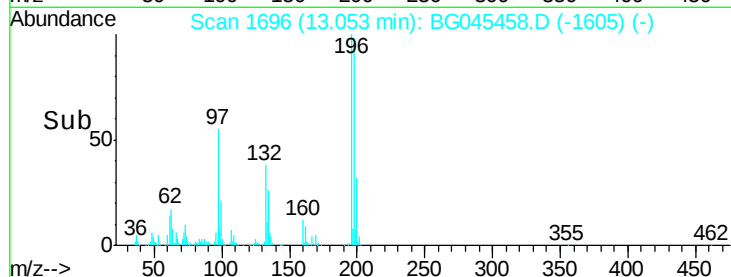
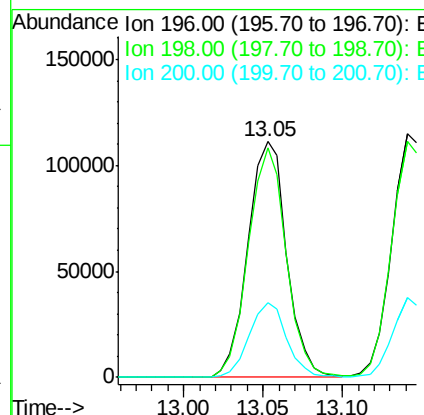
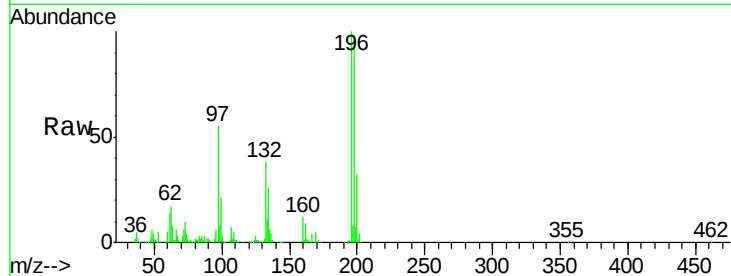
#43
 2,4,6-Trichlorophenol
 Concen: 46.86 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188983		
198	97.5	76.7	115.1	
200	31.8	24.9	37.3	

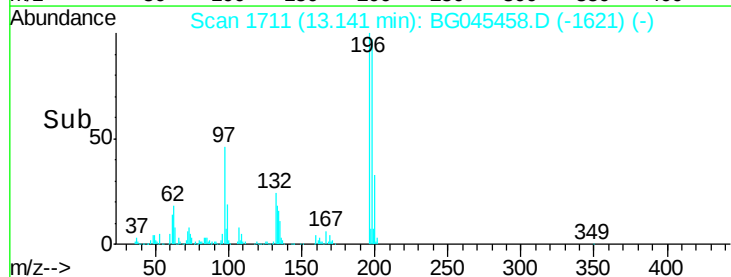
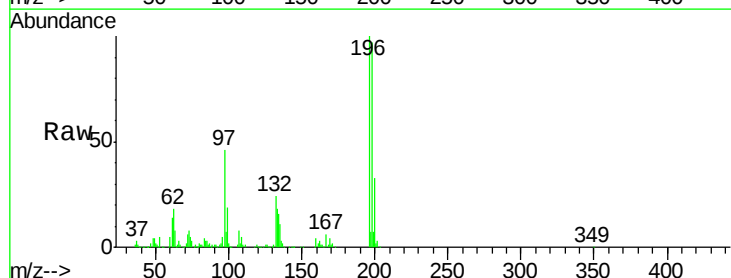
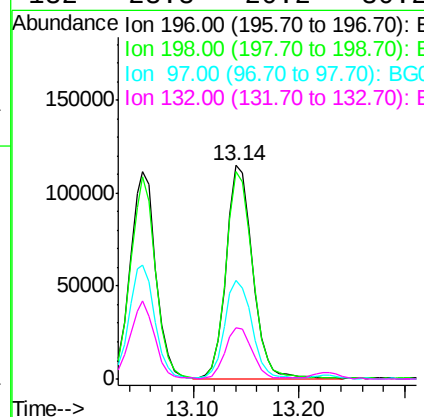
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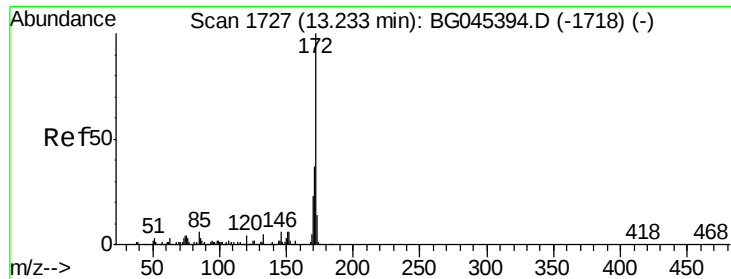
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.83 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201991		
198	97.1	76.1	114.1	
97	46.3	40.0	60.0	
132	23.8	20.2	30.2	





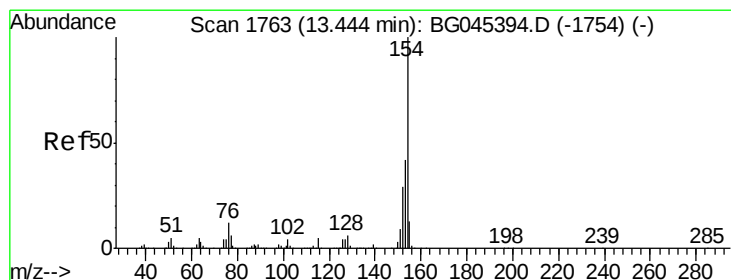
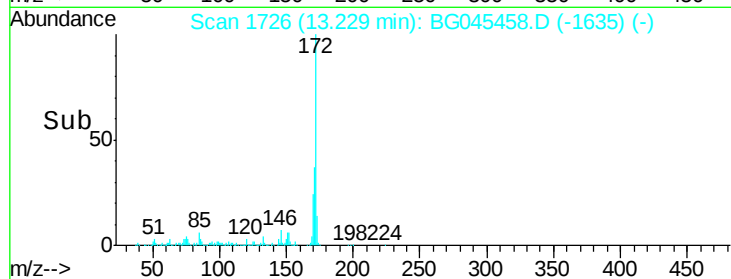
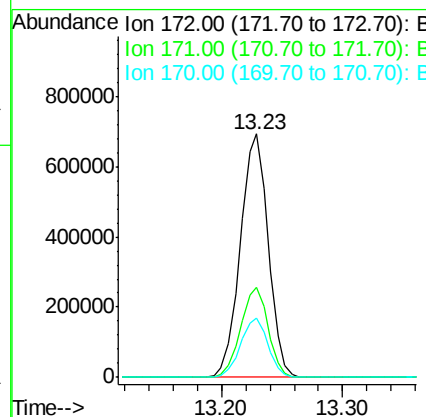
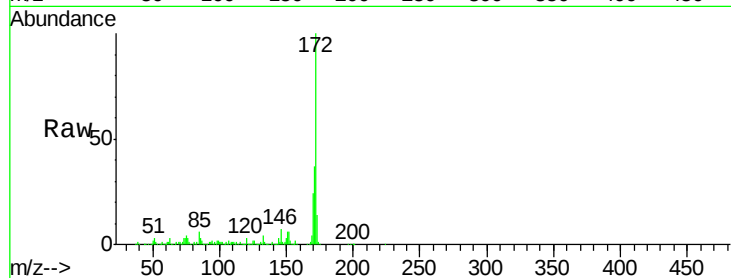
#45
2-Fluorobiphenyl
Concen: 90.87 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.3	18.5	27.7

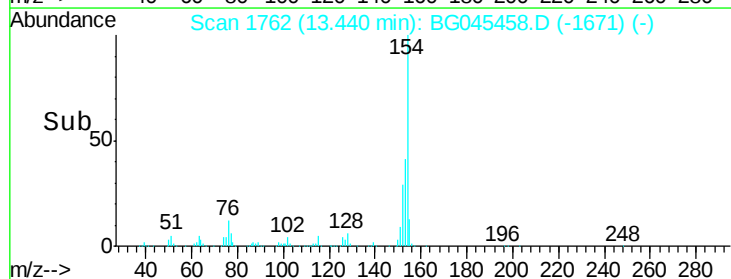
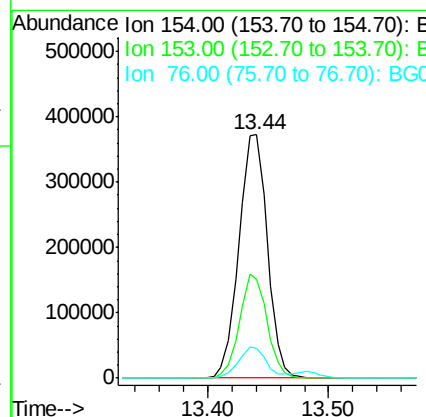
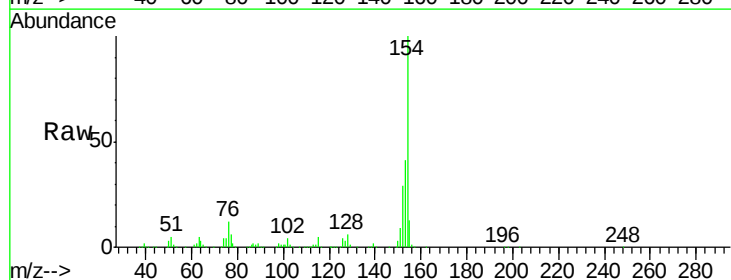
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#46
1,1'-Biphenyl
Concen: 47.95 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.2	62.2
76	12.1	0.0	32.4





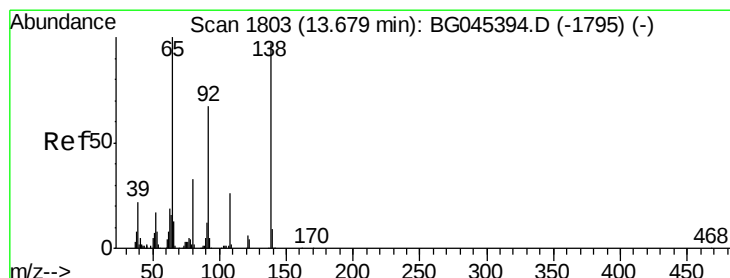
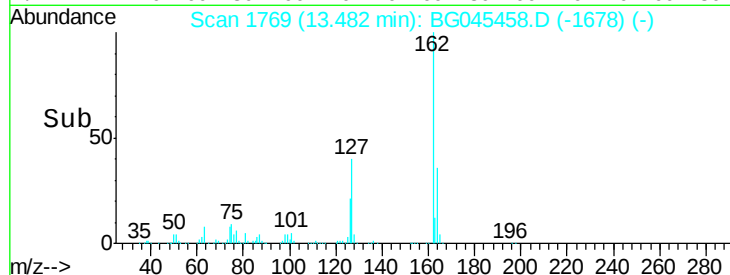
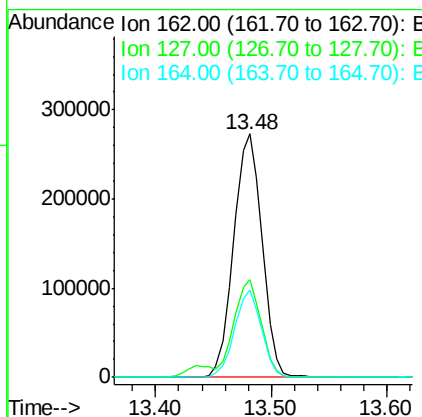
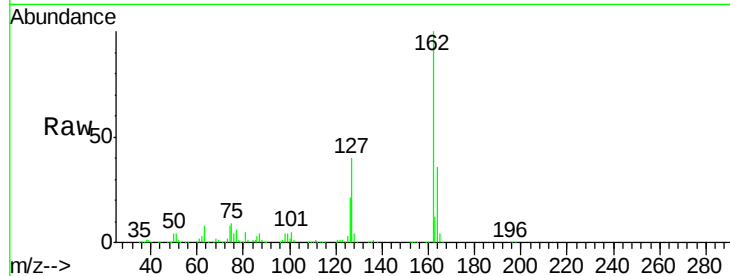
#47
2-Chloronaphthalene
Concen: 44.75 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	464086		
127	40.2	31.6	47.4	
164	35.9	28.1	42.1	

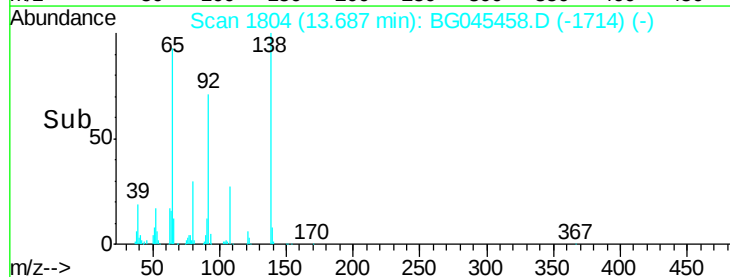
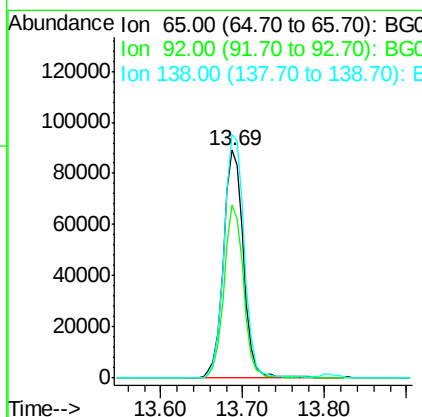
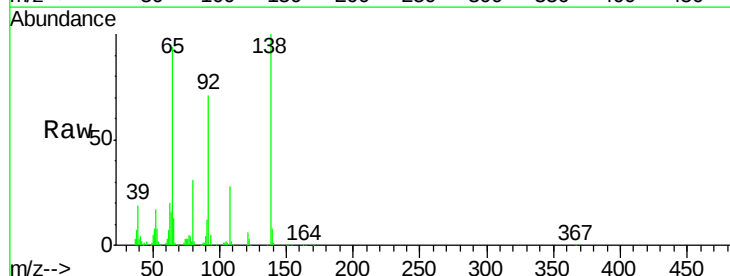
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#48
2-Nitroaniline
Concen: 44.49 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151794		
92	76.3	53.8	80.8	
138	106.8	77.9	116.9	





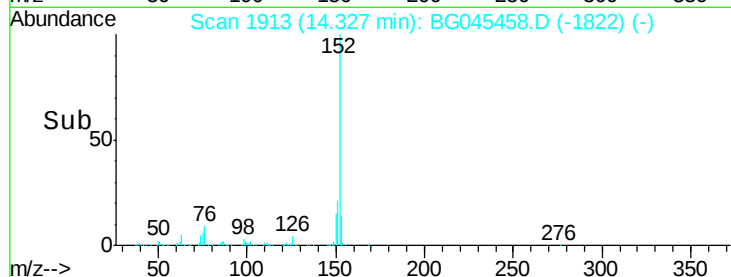
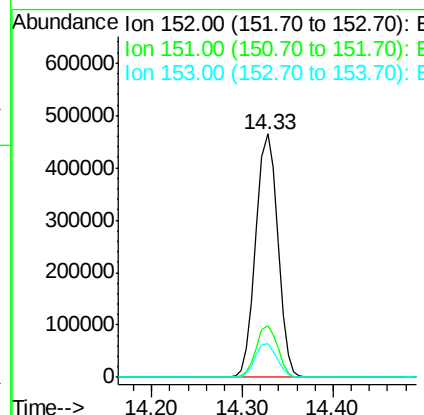
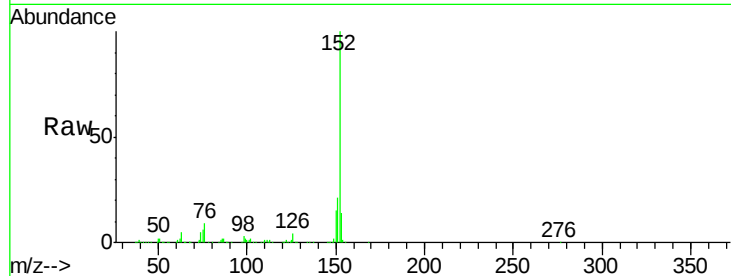
#49
Acenaphthylene
Concen: 47.16 ng
RT: 14.33 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.4	17.4	26.2
153	13.8	10.7	16.1

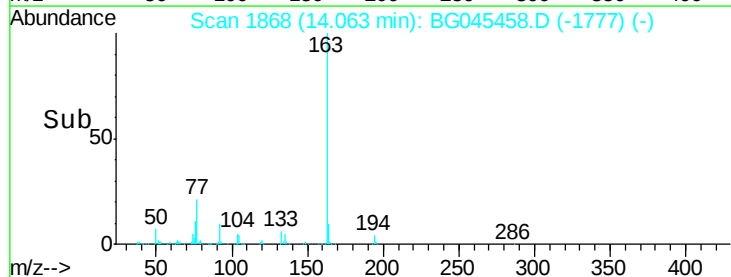
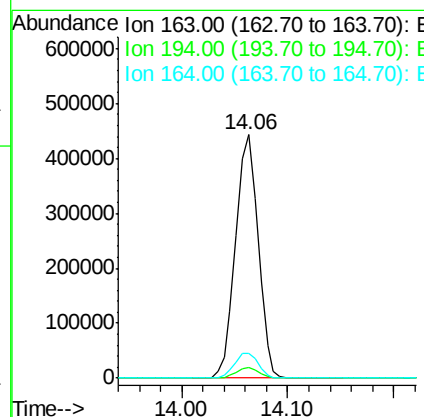
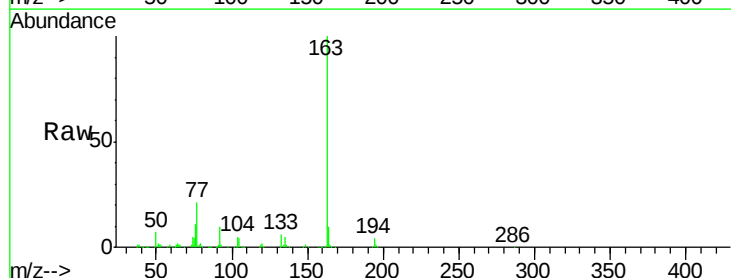
Manual Integrations
APPROVED

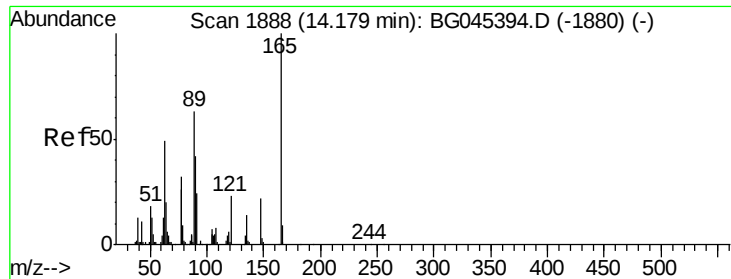
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#50
Dimethylphthalate
Concen: 45.83 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.2	4.8
164	10.3	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 45.77 ng

RT: 14.18 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

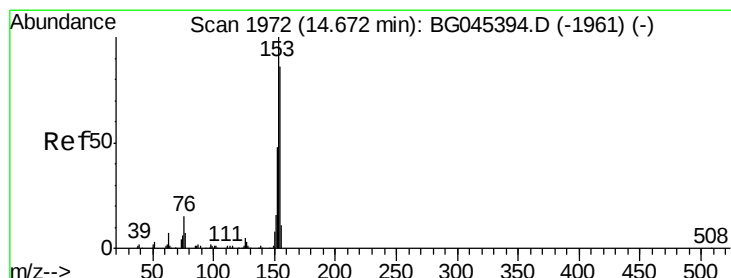
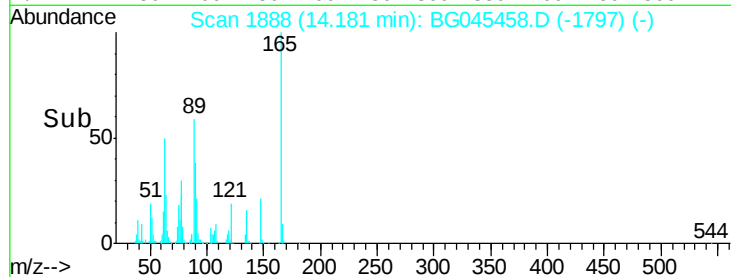
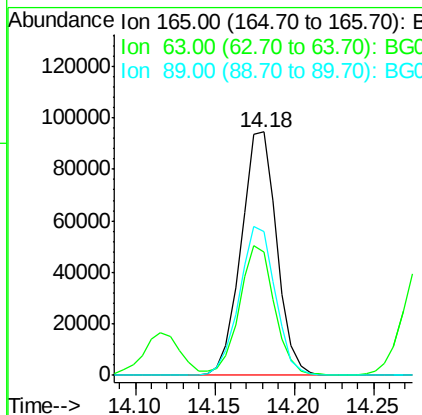
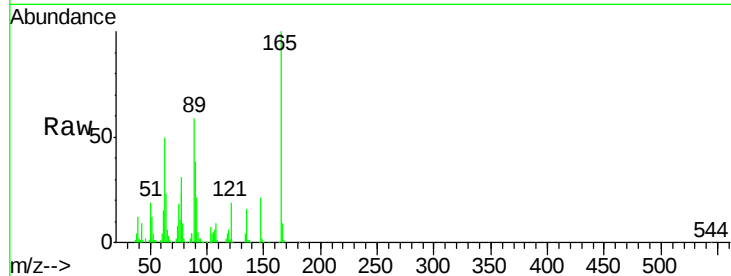
ClientSampleId :

PB129076BS

Tgt Ion:	165	Resp:	147265
Ion Ratio	Lower	Upper	
165	100		
63	50.4	45.0	67.4
89	59.2	50.2	75.4

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#52

Acenaphthene

Concen: 41.27 ng

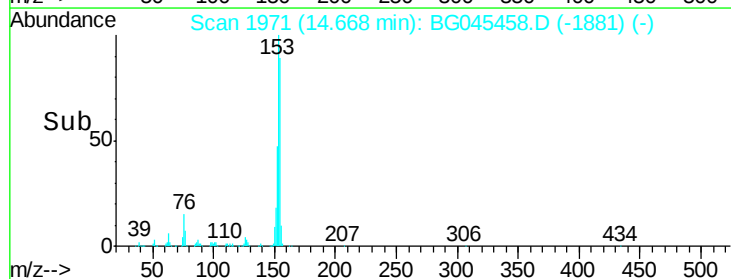
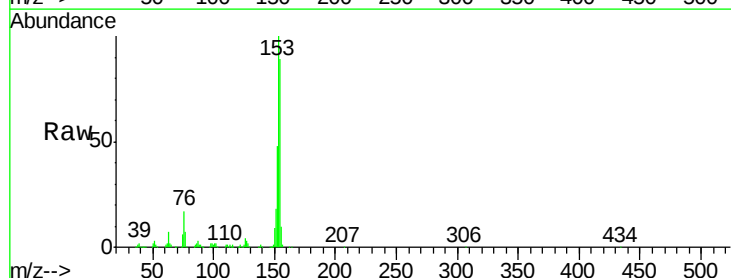
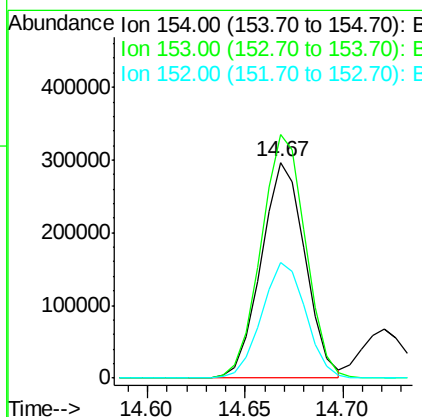
RT: 14.67 min Scan# 1971

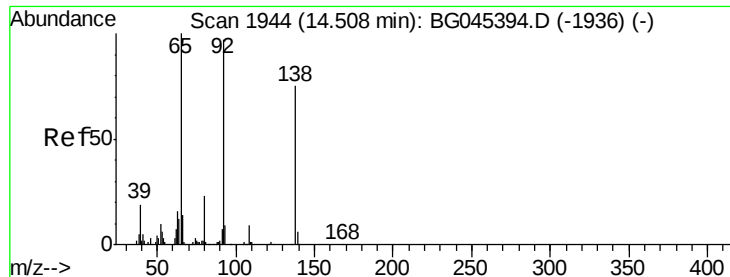
Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	154	Resp:	460159
Ion Ratio	Lower	Upper	
154	100		
153	112.8	92.8	139.2
152	53.7	44.6	66.8





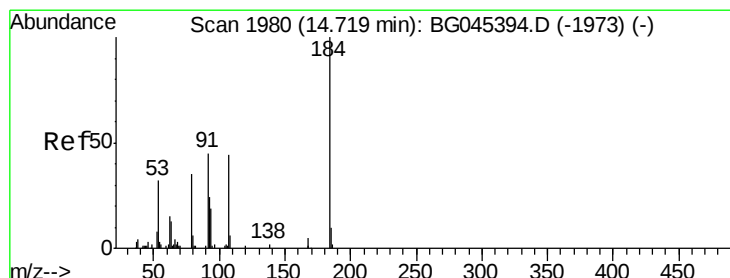
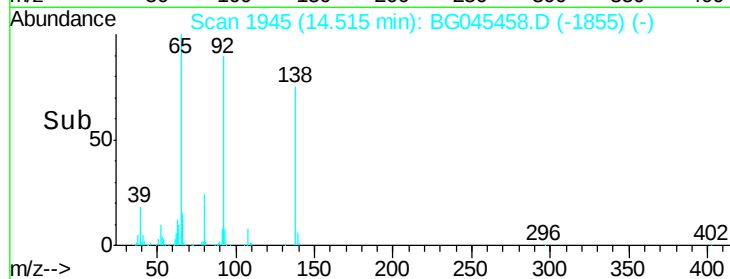
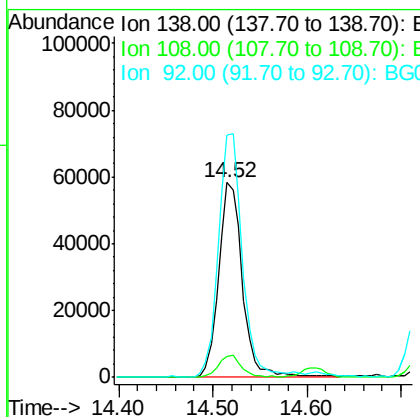
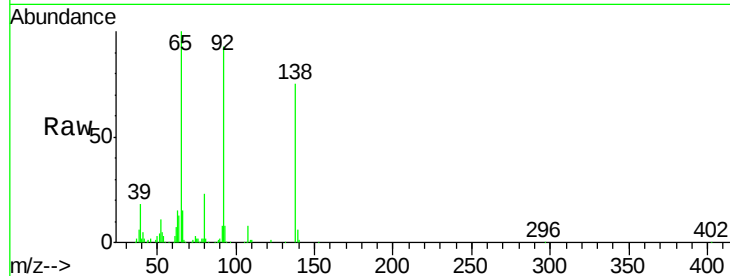
#53
3-Nitroaniline
Concen: 31.40 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion:138 Resp: 102709
Ion Ratio Lower Upper
138 100
108 10.8 9.8 14.6
92 124.1 103.0 154.4

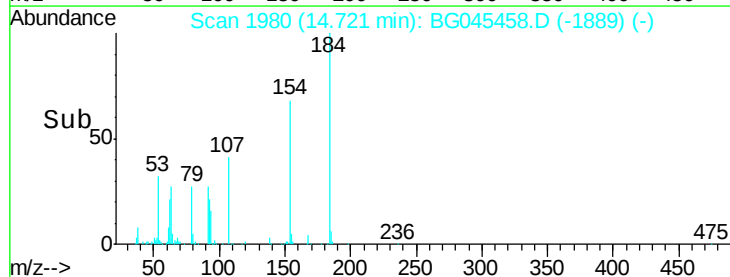
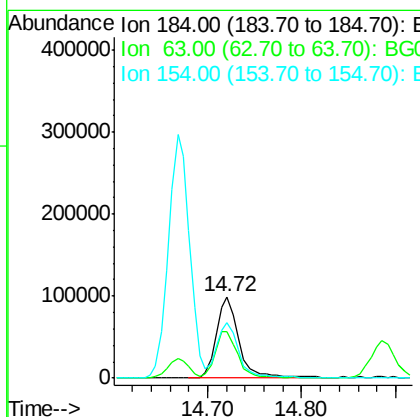
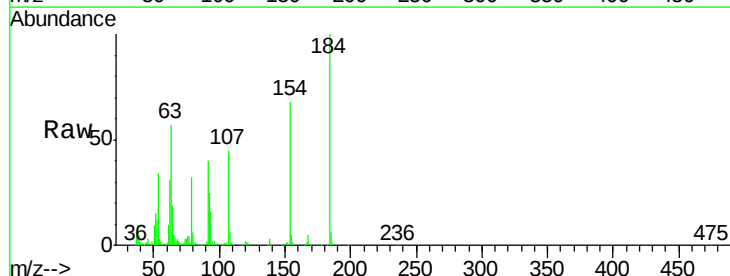
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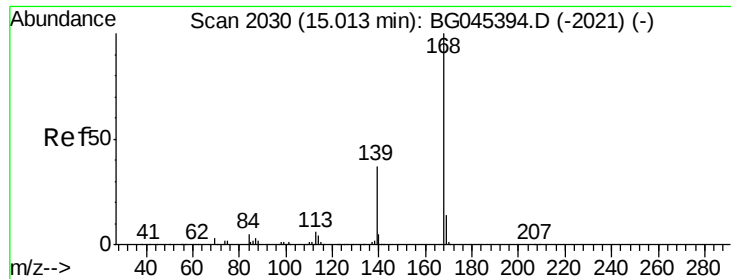
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#54
2,4-Dinitrophenol
Concen: 79.16 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:184 Resp: 166726
Ion Ratio Lower Upper
184 100
63 57.1 47.8 71.6
154 68.0 58.3 87.5





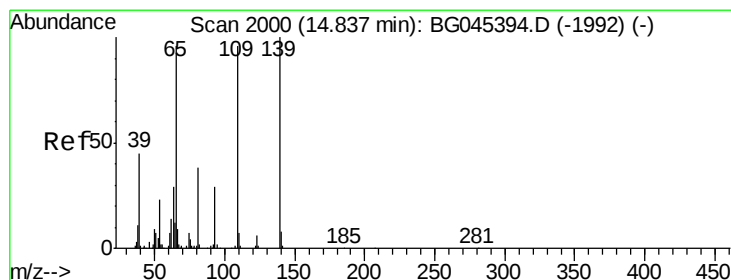
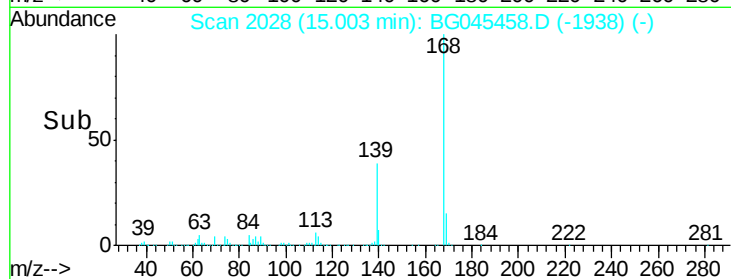
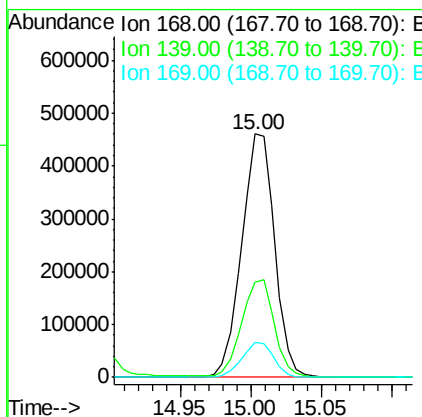
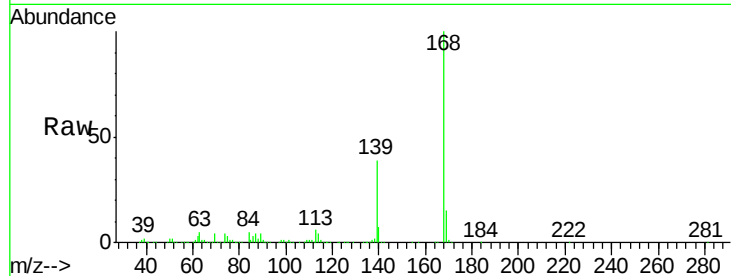
#55
Dibenzenofuran
Concen: 45.42 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	752069		
139	38.9		29.9	44.9
169	14.6		10.9	16.3

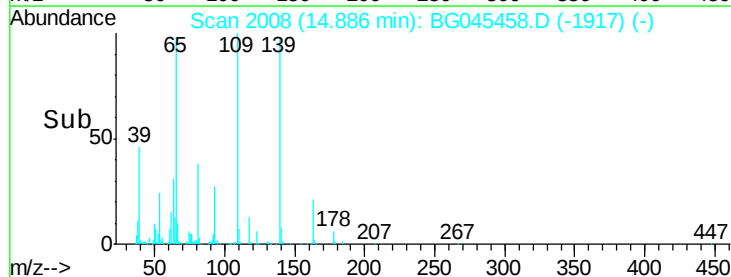
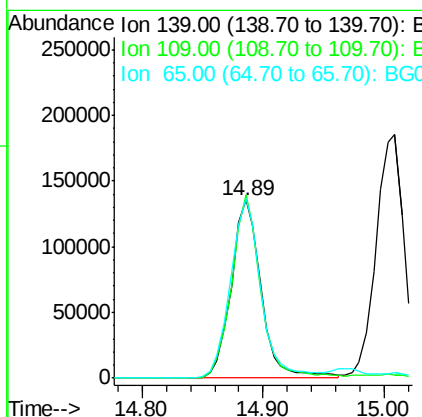
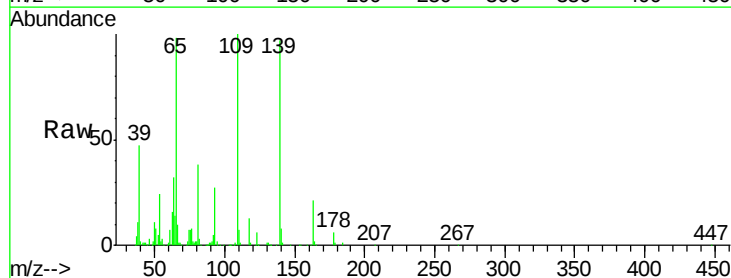
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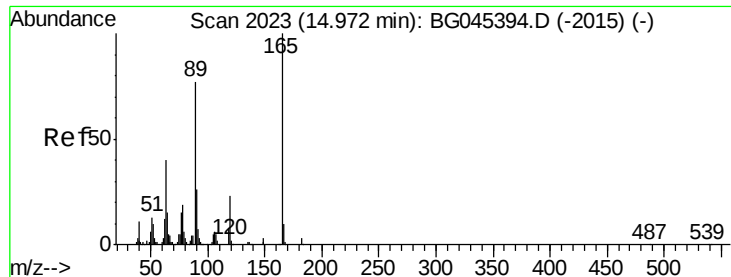
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#56
4-Nitrophenol
Concen: 94.15 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	233135		
109	103.3		75.6	115.6
65	101.2		76.8	116.8





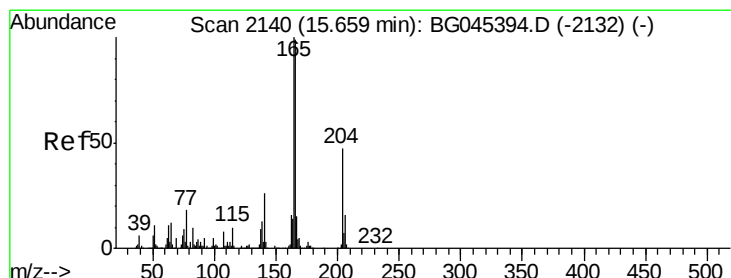
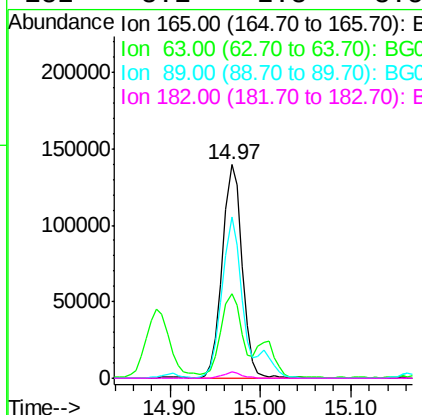
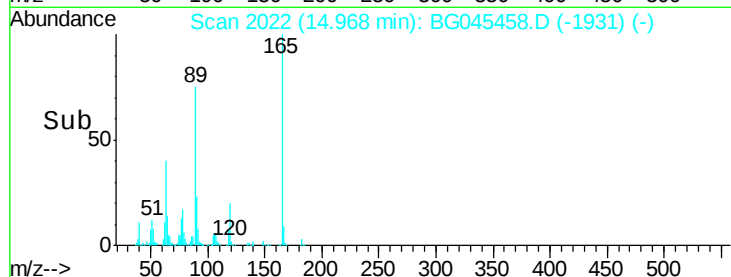
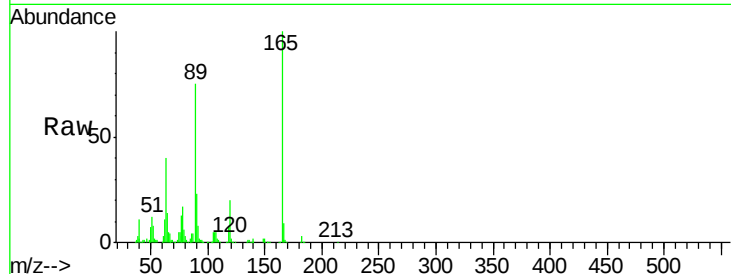
#57
2,4-Dinitrotoluene
Concen: 45.63 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.8	32.5	48.7
89	75.4	61.8	92.6
182	3.1	2.3	3.5

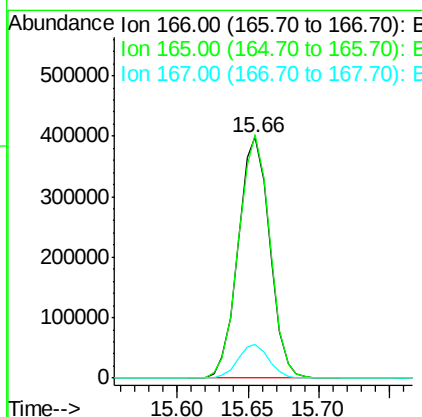
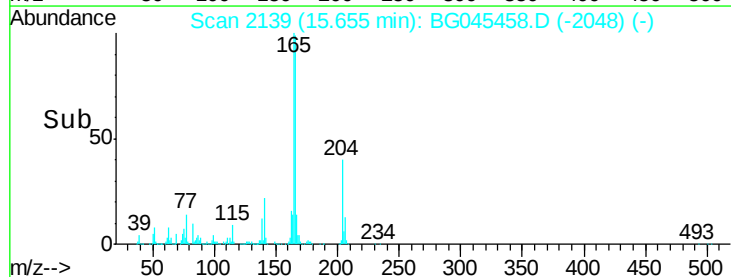
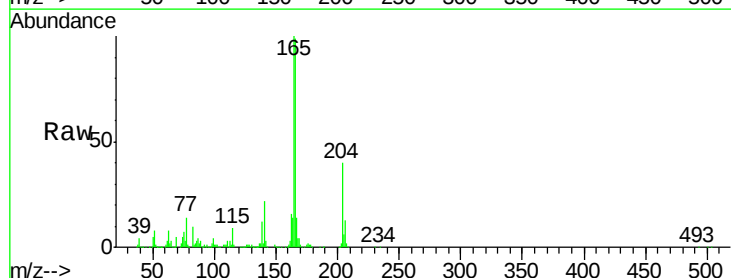
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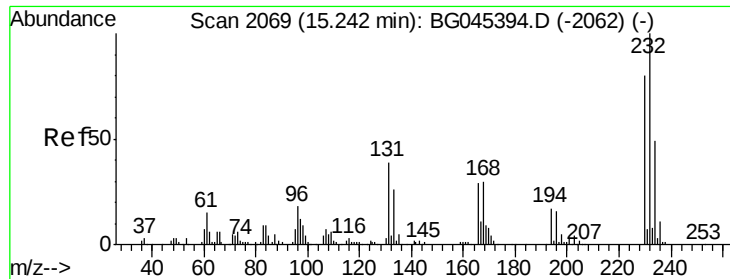
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#58
Fluorene
Concen: 45.76 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.8	121.2
167	14.2	12.0	18.0





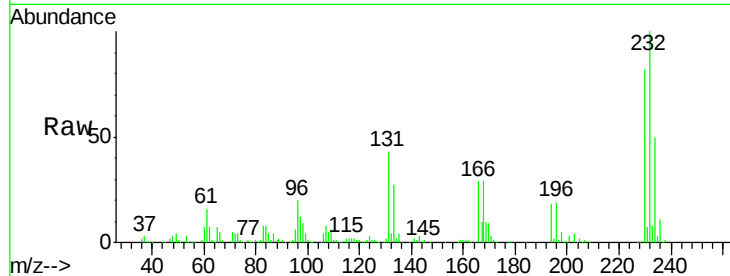
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.46 ng
RT: 15.24 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

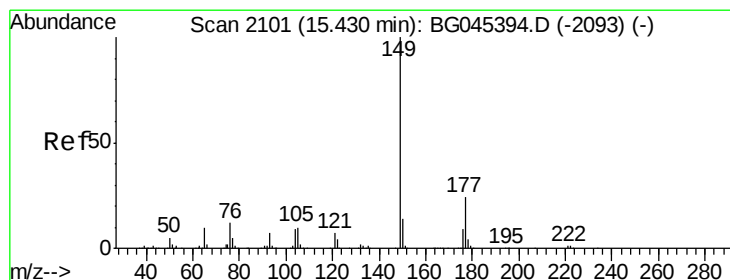
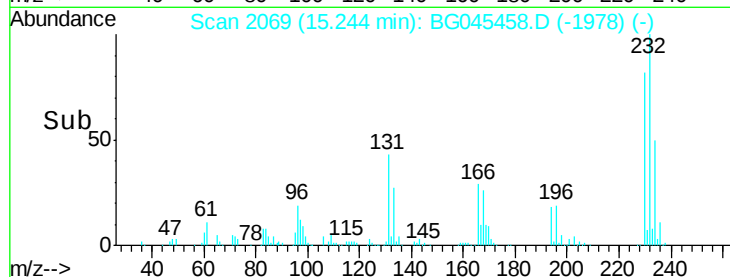
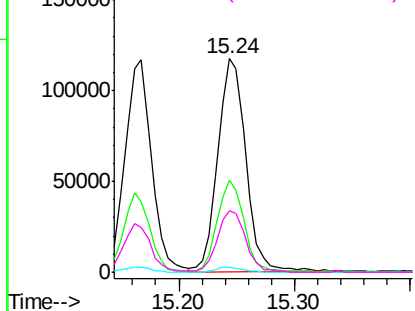
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	196492		
131	42.2	33.7	50.5	
130	2.4	2.1	3.1	
166	28.8	23.2	34.8	

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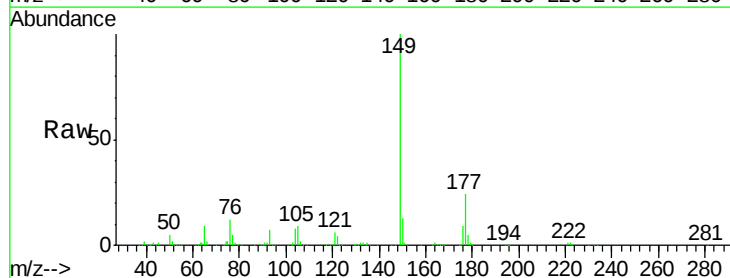


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

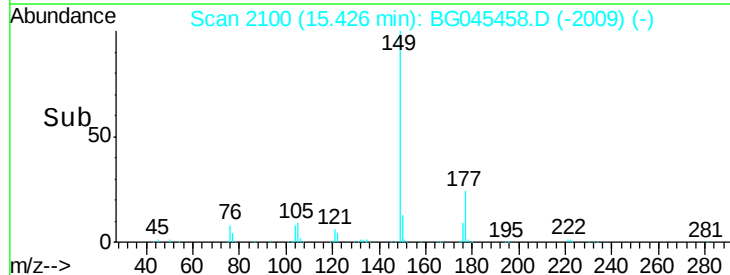
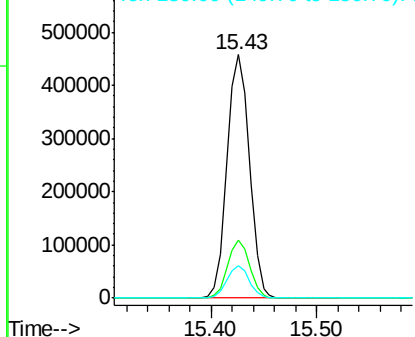


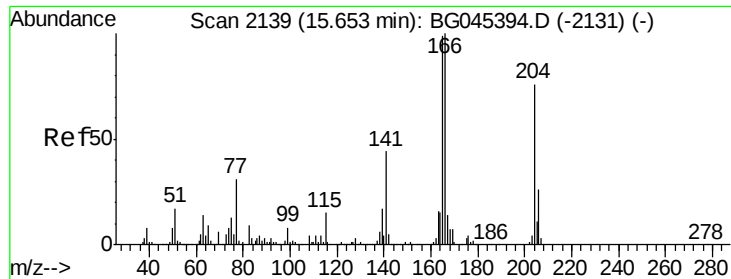
#60
Diethylphthalate
Concen: 44.95 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	667075		
177	23.8	19.0	28.4	
150	13.3	11.4	17.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





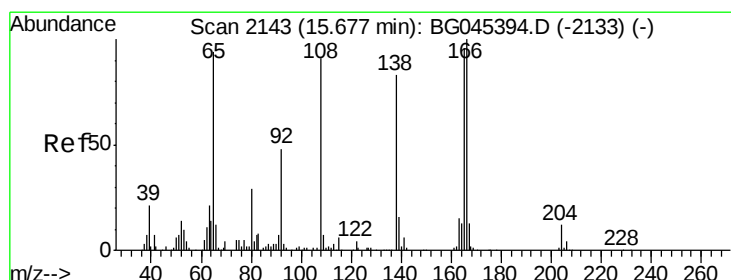
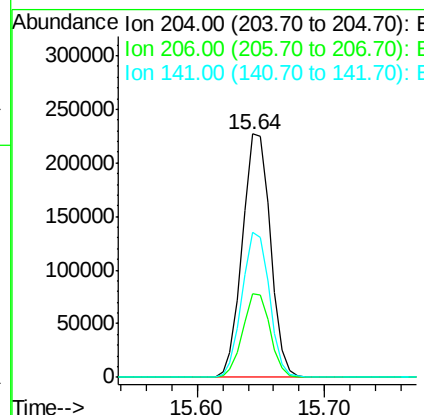
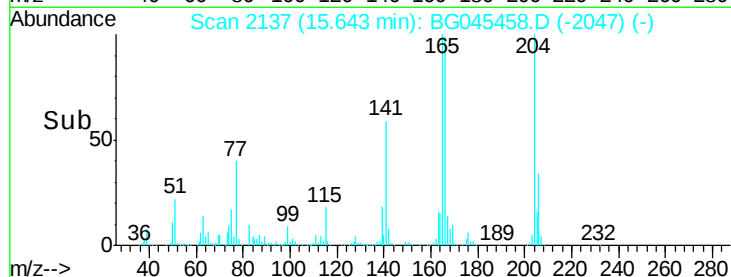
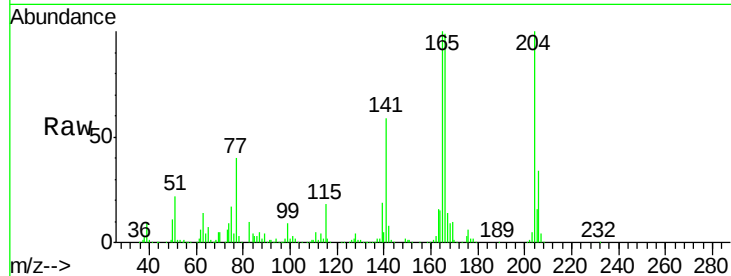
#61
 4-Chlorophenyl-phenylether
 Concen: 44.60 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	347229		
206	34.3	27.3	40.9	
141	59.4	45.9	68.9	

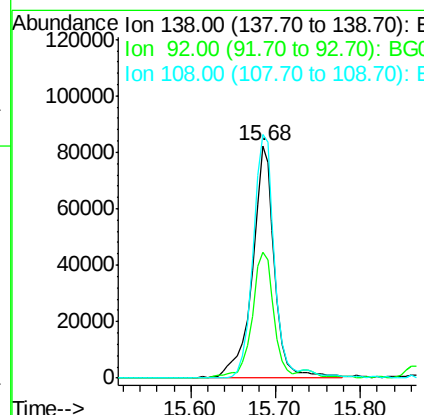
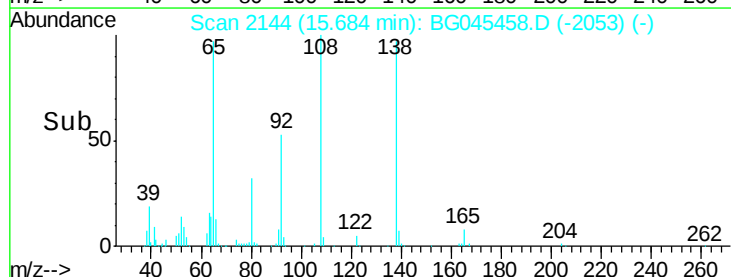
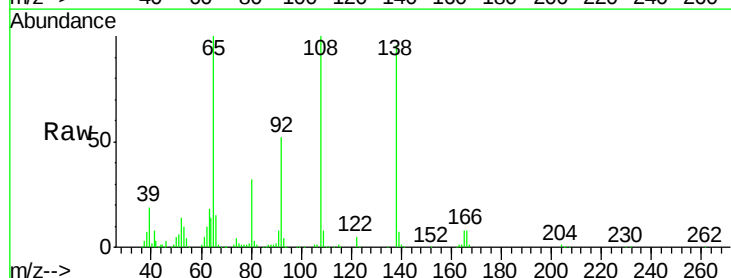
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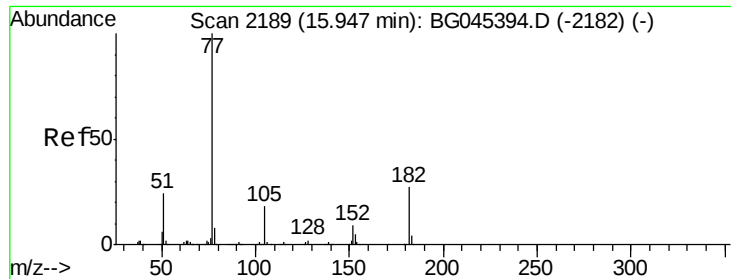
mohammad
 5/27/2020 11:48:29 AM



#62
 4-Nitroaniline
 Concen: 43.99 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150221		
92	54.2	38.0	78.0	
108	104.7	89.3	129.3	





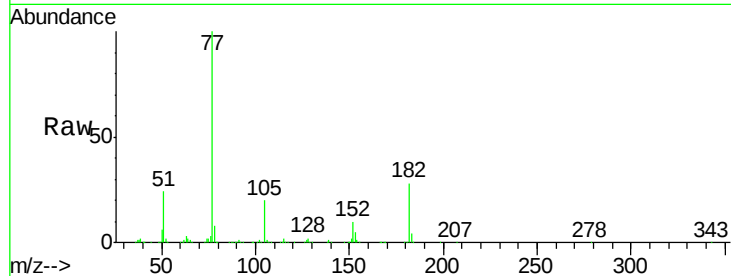
#63
Azobenzene
Concen: 45.70 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

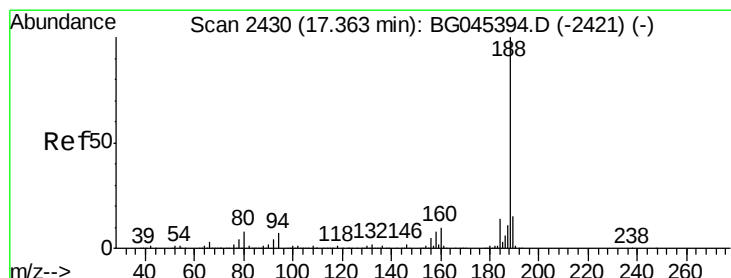
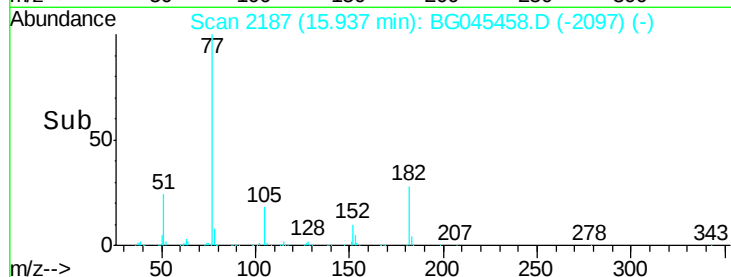
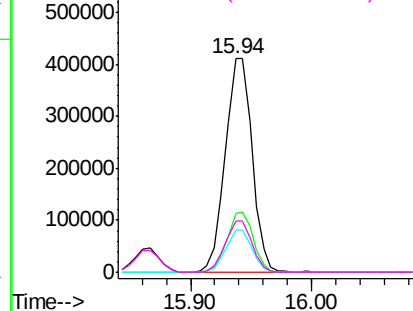
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	632370		
182	27.8	6.5	46.5	
105	19.8	0.0	37.9	
51	24.1	4.1	44.1	

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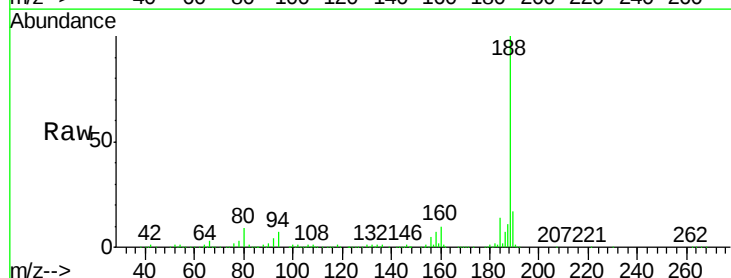


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

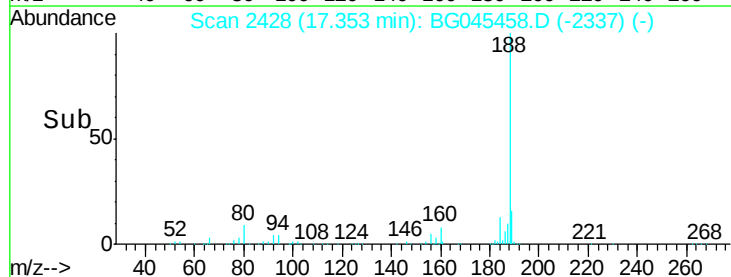
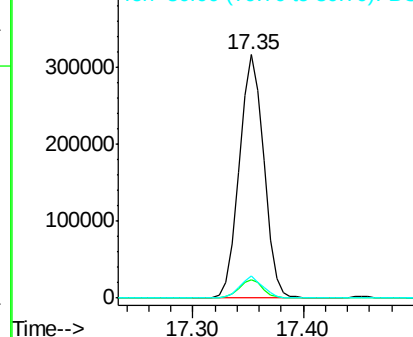


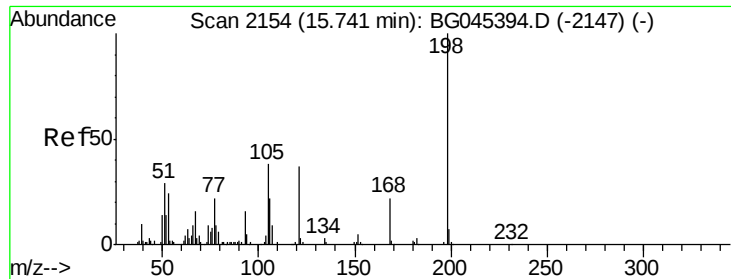
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	496442		
94	7.5	5.5	8.3	
80	9.0	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: 44.29 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

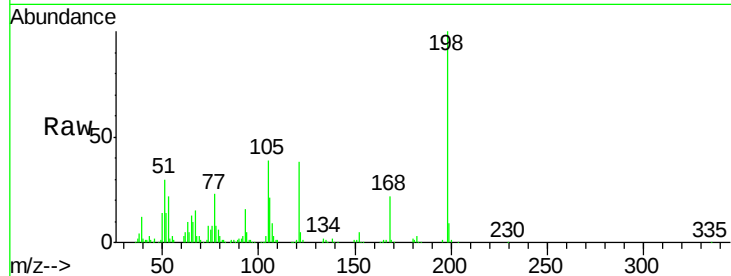
ClientSampleId :

PB129076BS

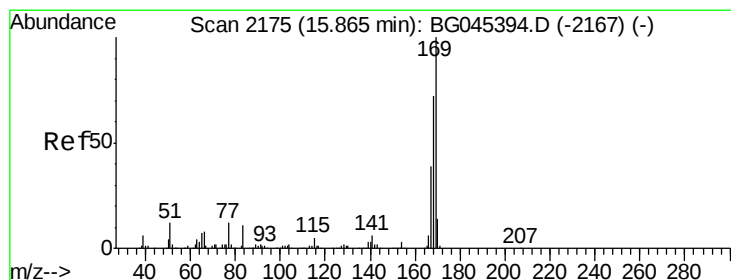
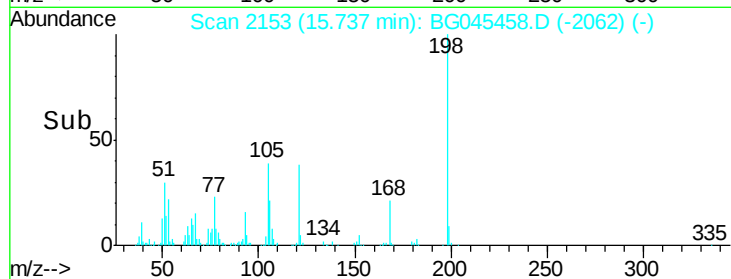
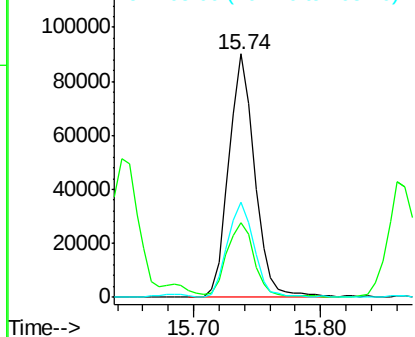
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	128045		
51	30.5	10.0	50.0	
105	39.1	18.9	58.9	

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.33 ng

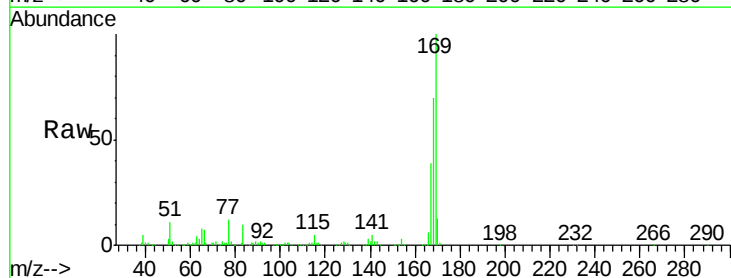
RT: 15.87 min Scan# 2175

Delta R.T. 0.00 min

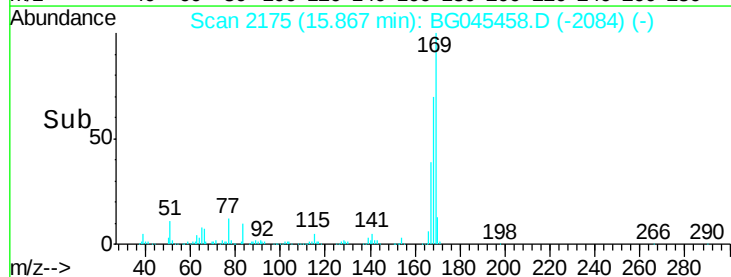
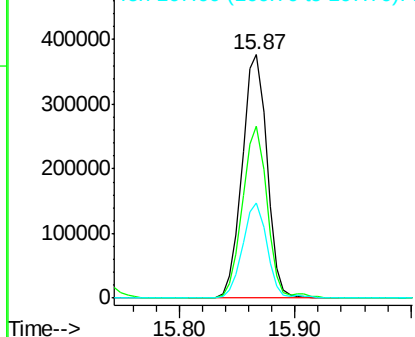
Lab File: BG045458.D

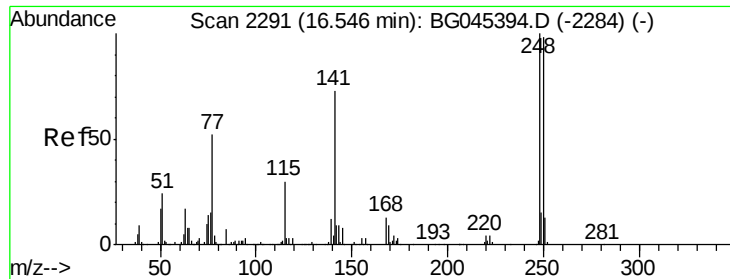
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	564133		
168	70.4	57.8	86.6	
167	38.9	31.5	47.3	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





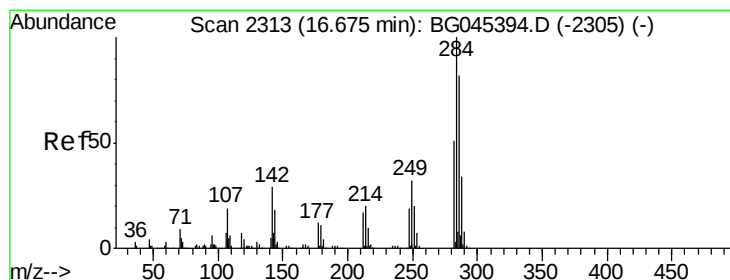
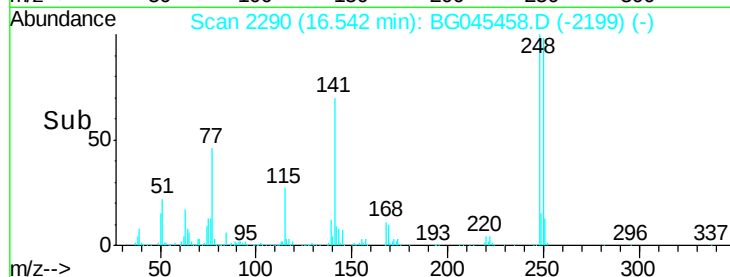
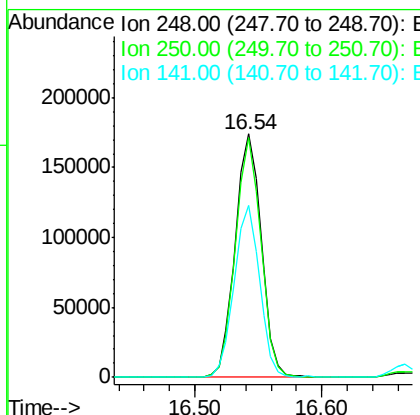
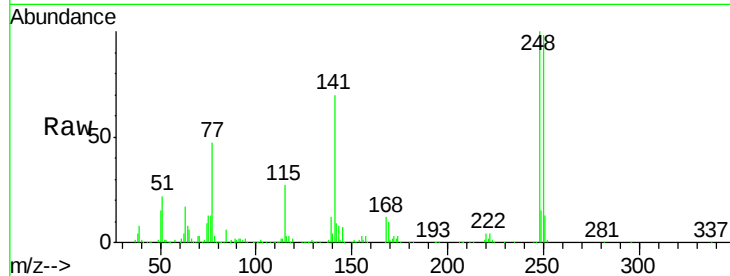
#67
4-Bromophenyl-phenylether
Concen: 46.17 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	248208		
250	98.4	78.6	117.8	
141	70.4	58.2	87.2	

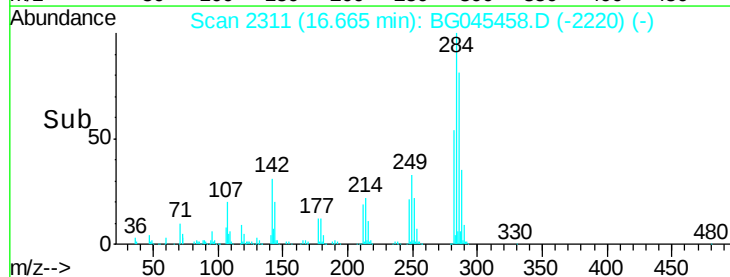
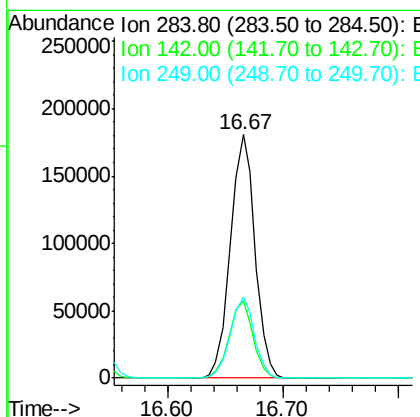
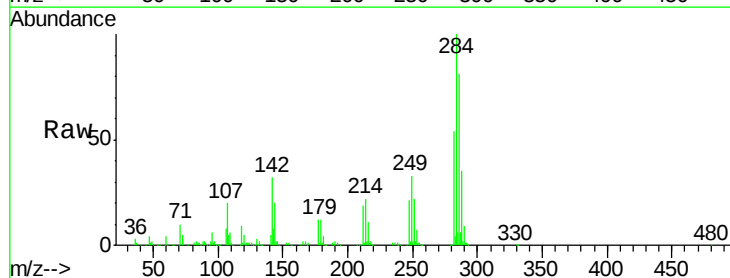
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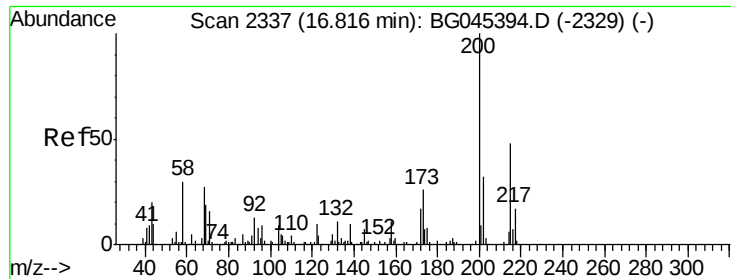
mohammad
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#68
Hexachlorobenzene
Concen: 47.28 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	265842		
142	31.7	23.0	34.6	
249	33.3	25.8	38.6	





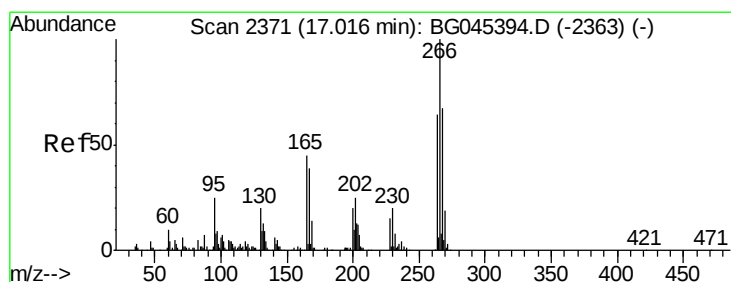
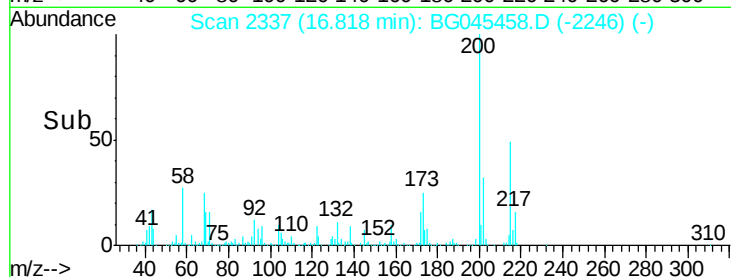
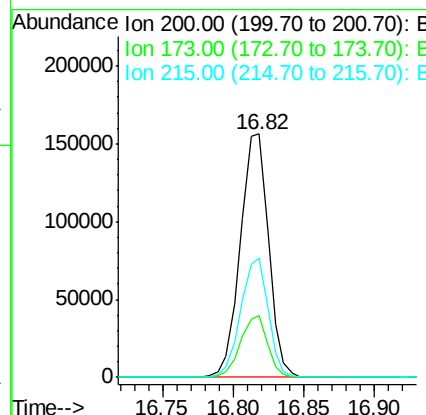
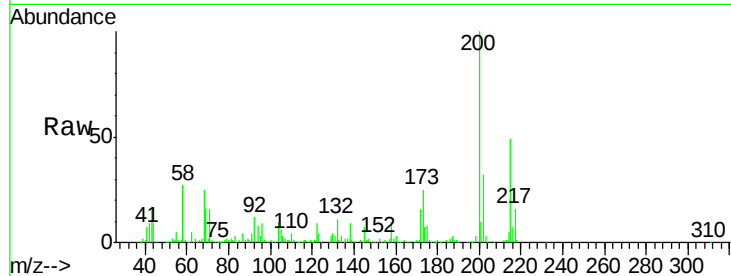
#69
 Atrazine
 Concen: 44.54 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218671		
173	25.3	5.5	45.5	
215	49.2	28.2	68.2	

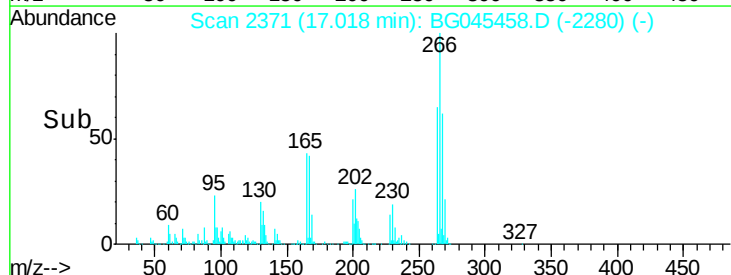
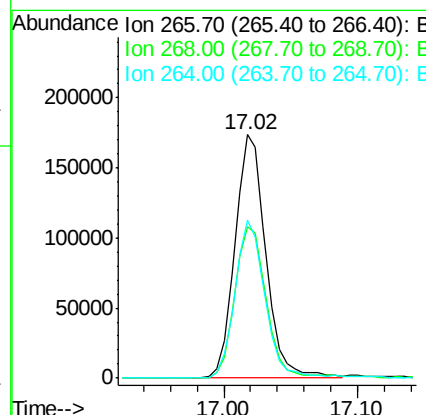
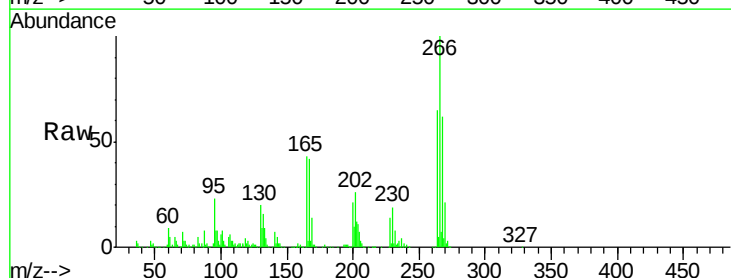
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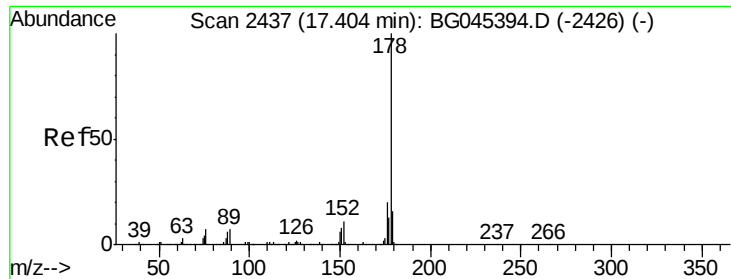
mohammad
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#70
 Pentachlorophenol
 Concen: 95.69 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	279358		
268	62.1	53.2	79.8	
264	64.7	51.0	76.4	





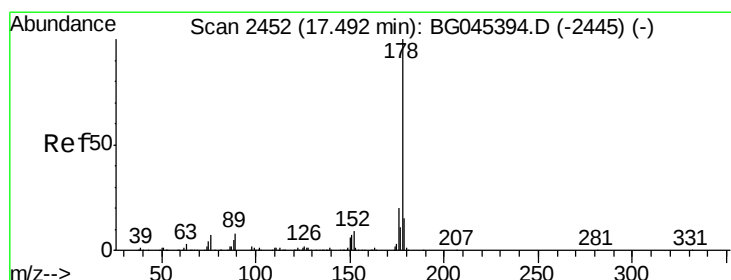
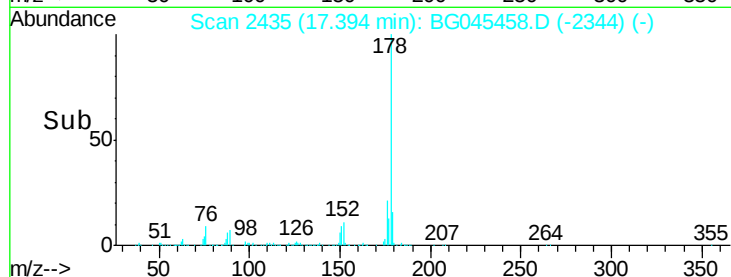
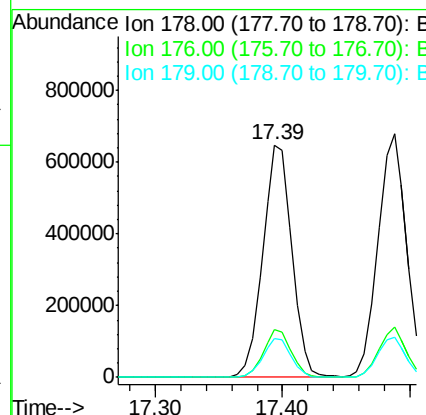
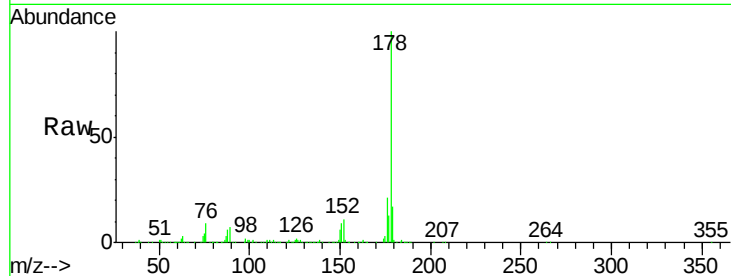
#71
Phenanthrene
Concen: 47.62 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion:178 Resp: 1031941
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 13.1 19.7

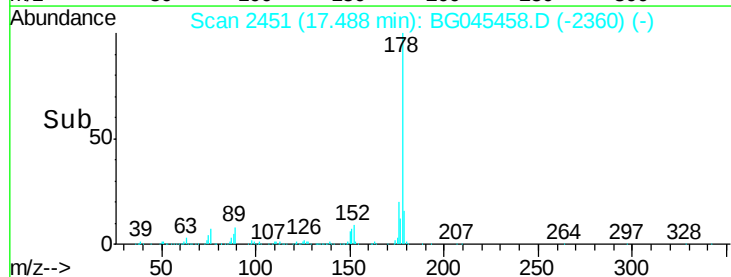
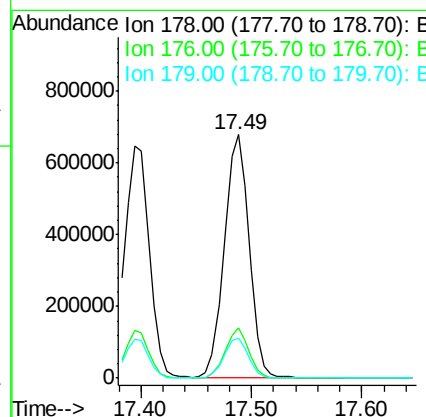
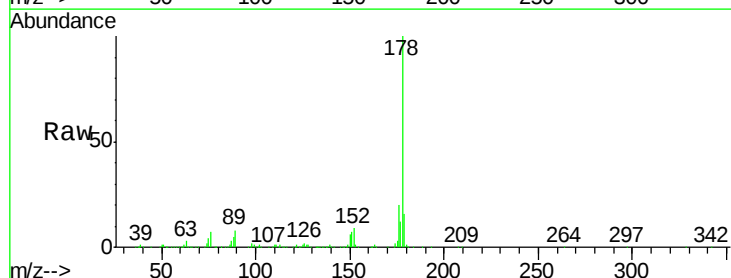
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#72
Anthracene
Concen: 48.85 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:178 Resp: 1063096
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.2 12.2 18.4





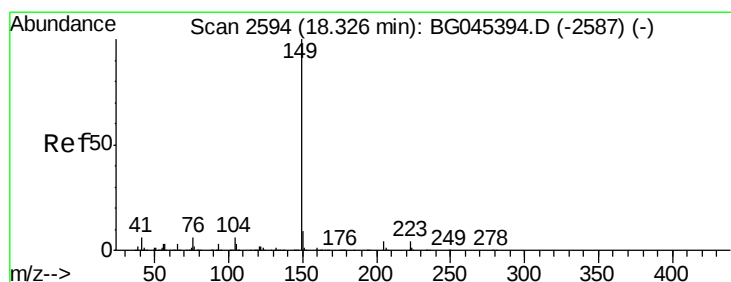
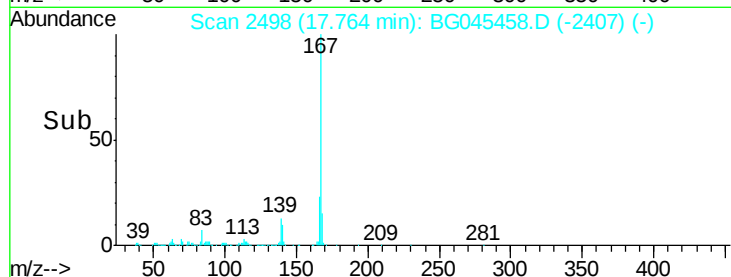
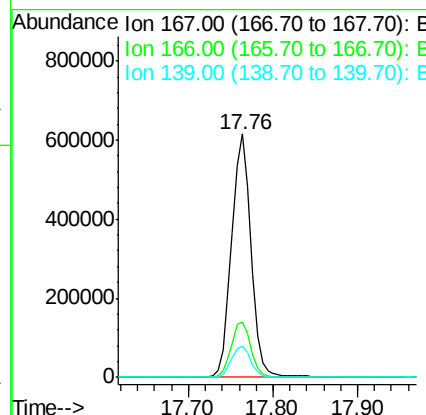
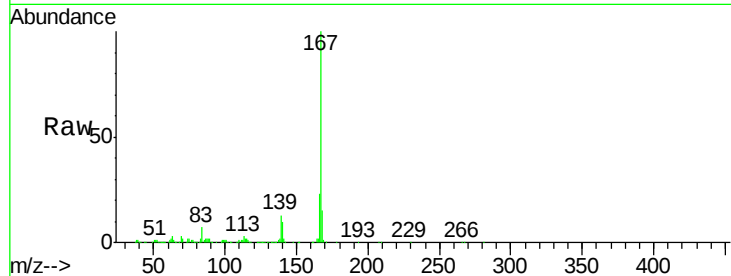
#73
 Carbazole
 Concen: 45.78 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.2	28.8
139	12.7	10.6	16.0

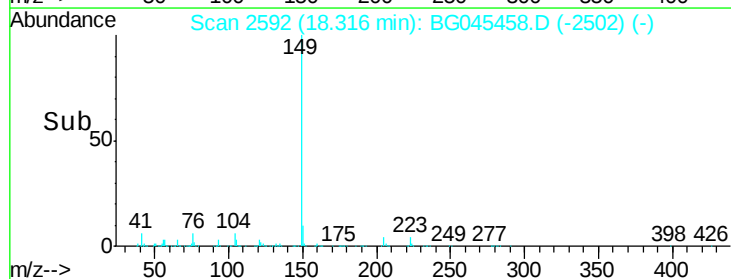
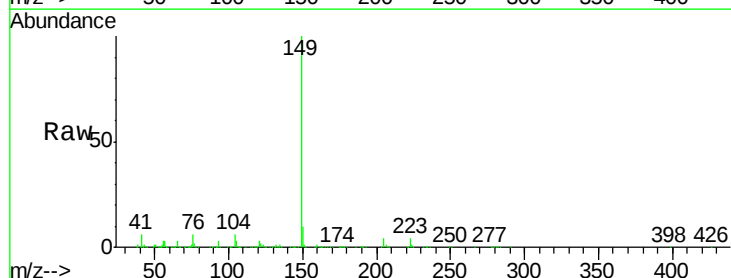
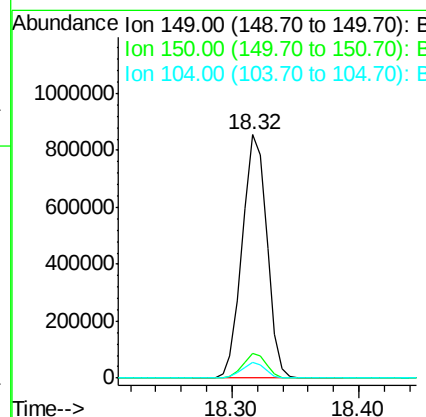
Manual Integrations
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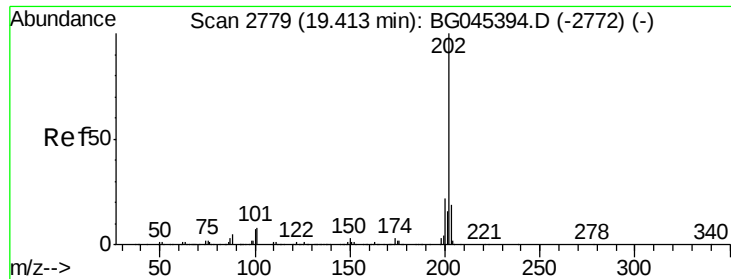
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#74
 Di-n-butylphthalate
 Concen: 45.14 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 47.04 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

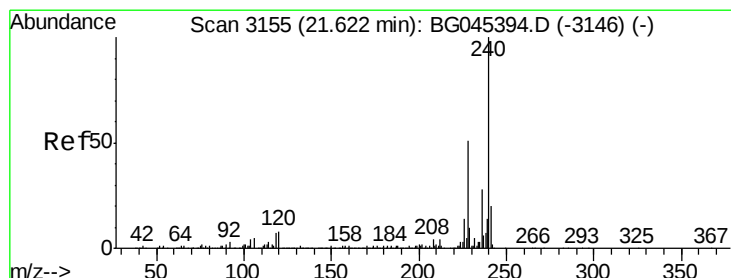
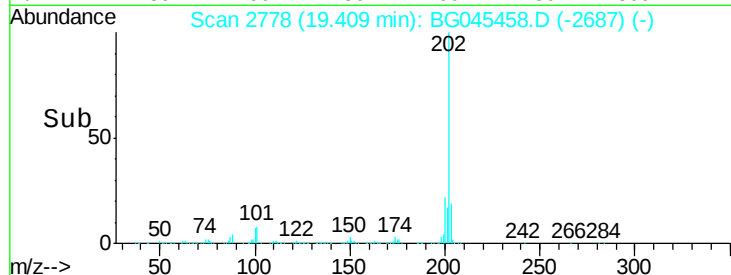
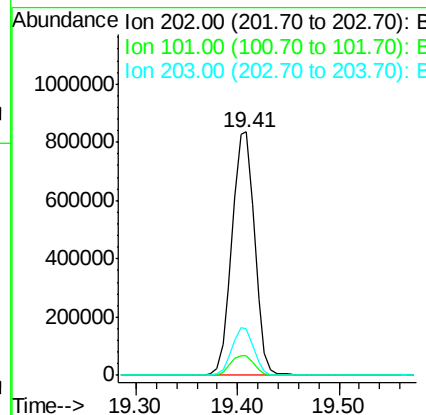
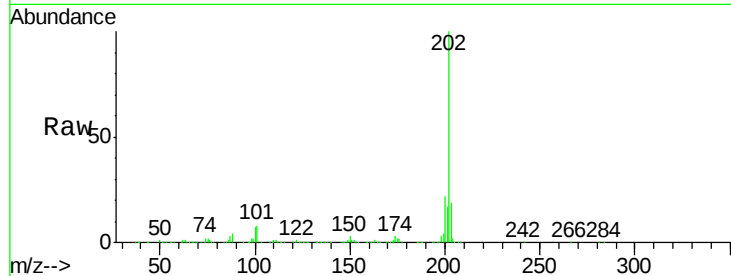
ClientSampleId :

PB129076BS

Tgt Ion:	202	Resp:	1296684
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.3
203	19.0	0.0	39.0

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#76

Chrysene-d12

Concen: 20.00 ng

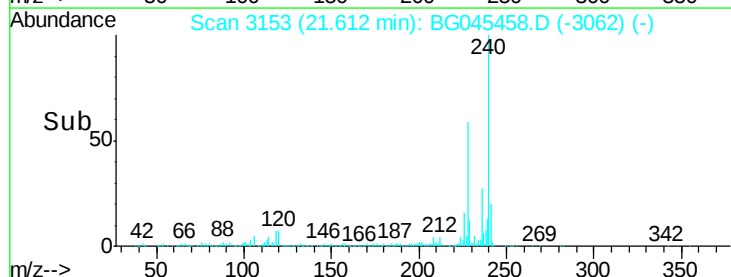
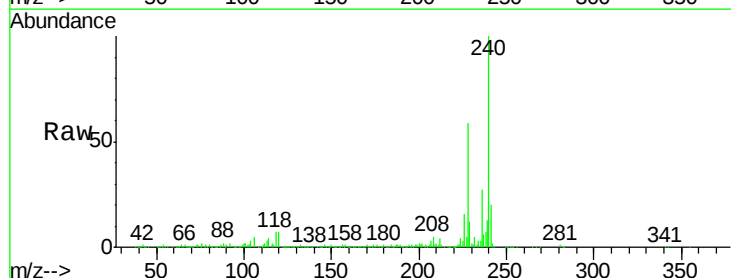
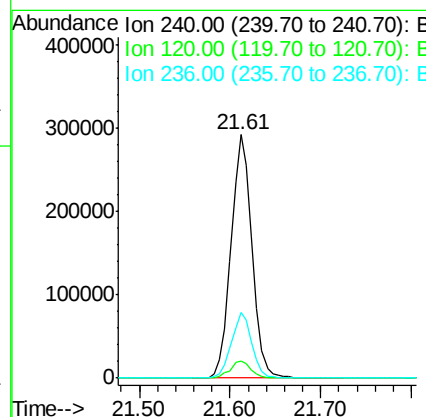
RT: 21.61 min Scan# 3153

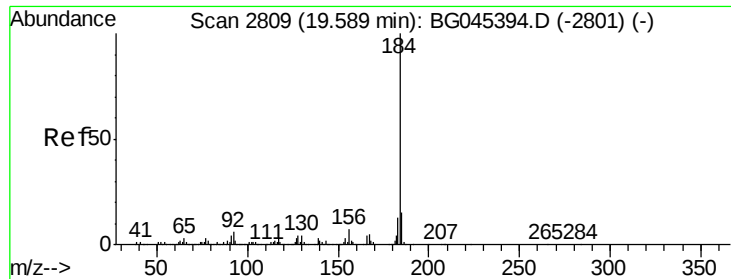
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	240	Resp:	467532
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.1	9.1
236	27.2	22.3	33.5





#77

Benzidine

Concen: 46.86 ng

RT: 19.59 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

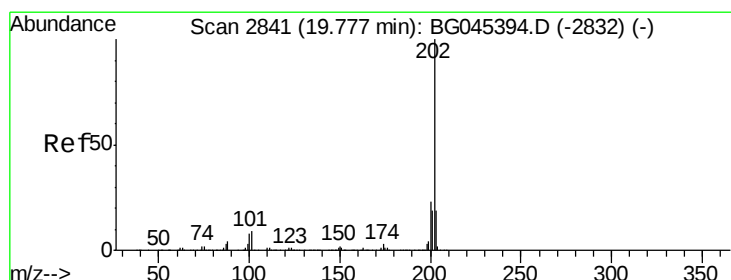
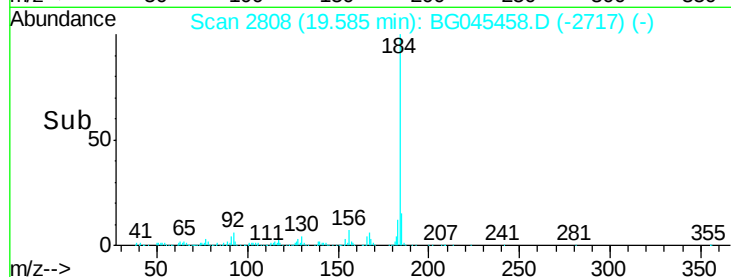
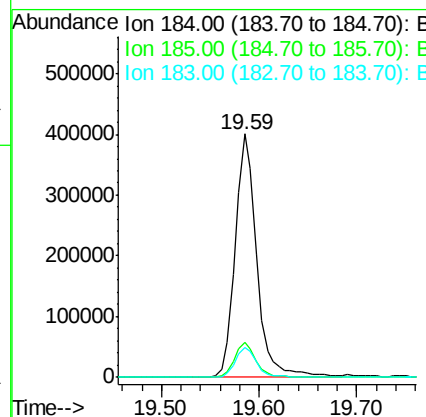
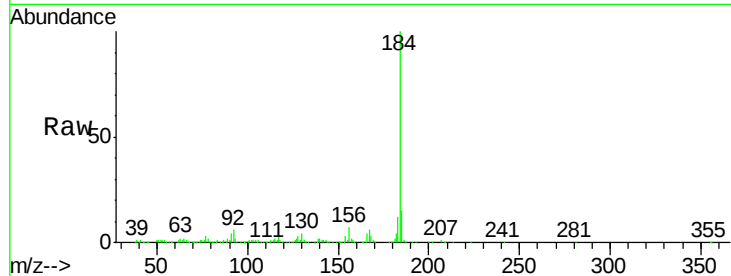
ClientSampleId :

PB129076BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	615323		
185	14.5		11.7	17.5
183	12.4		10.2	15.4

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#78

Pyrene

Concen: 47.98 ng

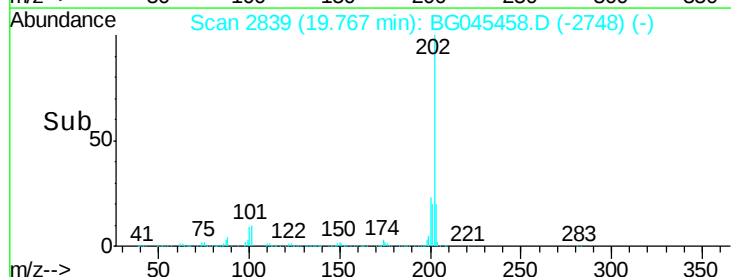
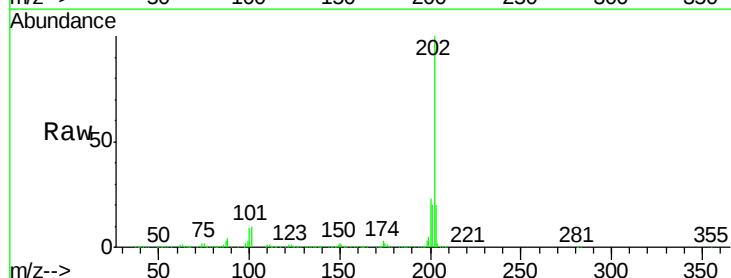
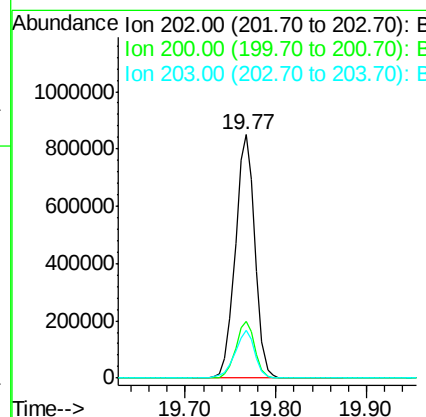
RT: 19.77 min Scan# 2839

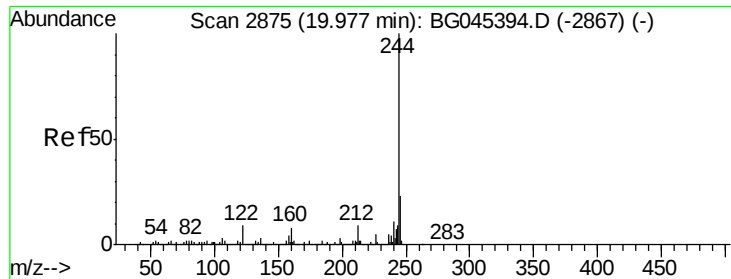
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1278777		
200	23.2		18.2	27.2
203	19.8		15.1	22.7





#79

Terphenyl-d14

Concen: 96.60 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

Tgt Ion:244 Resp: 1936439

Ion Ratio Lower Upper

244 100

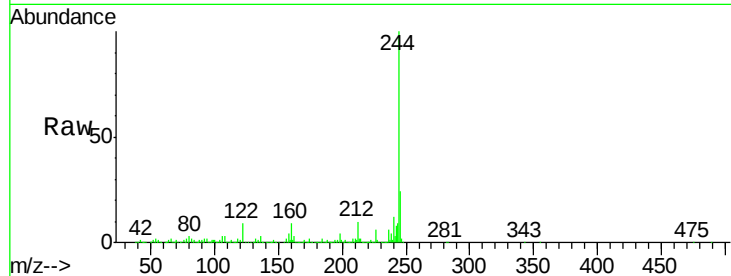
212 9.6 7.4 11.0

122 9.1 6.8 10.2

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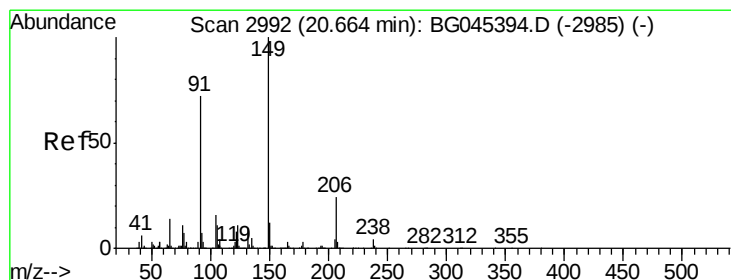
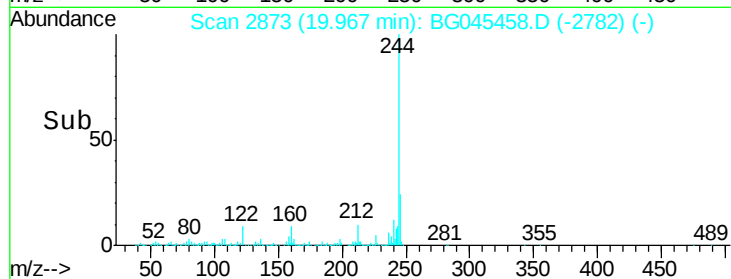
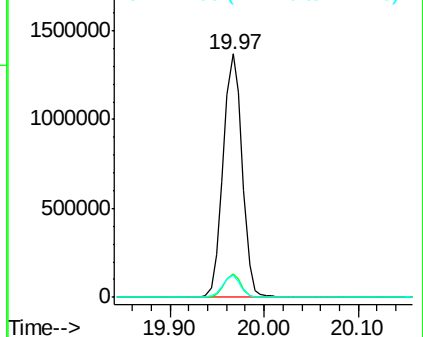
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.30 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

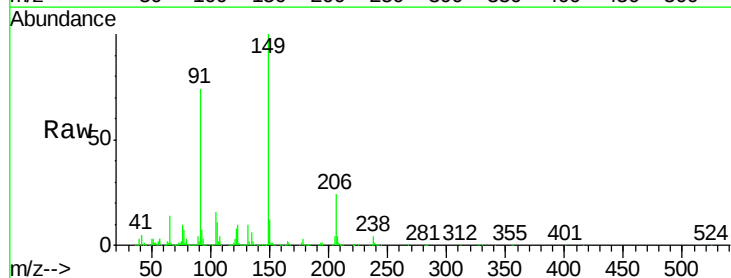
Tgt Ion:149 Resp: 521083

Ion Ratio Lower Upper

149 100

91 73.8 57.8 86.6

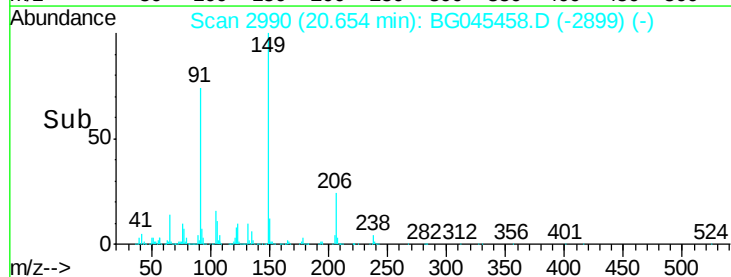
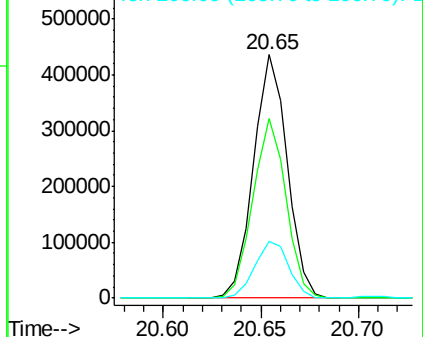
206 23.5 19.1 28.7

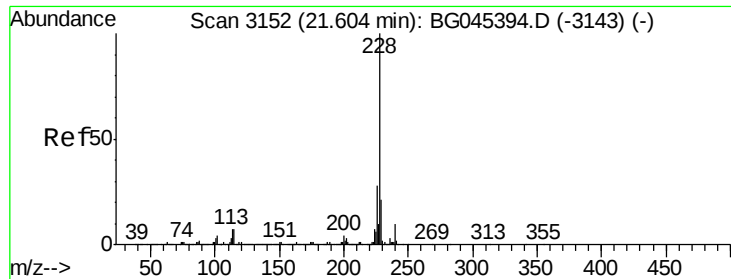


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.31 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

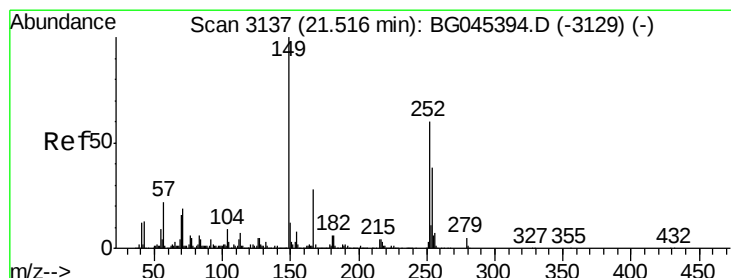
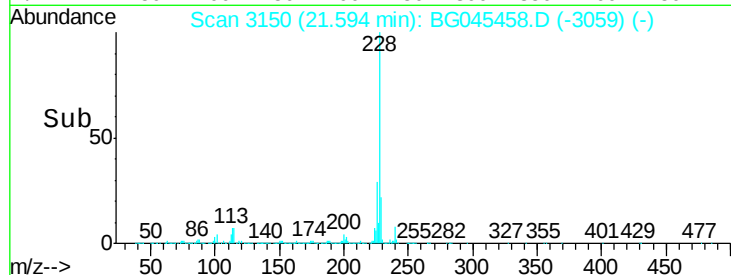
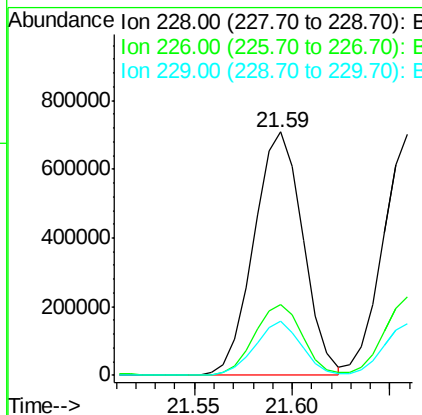
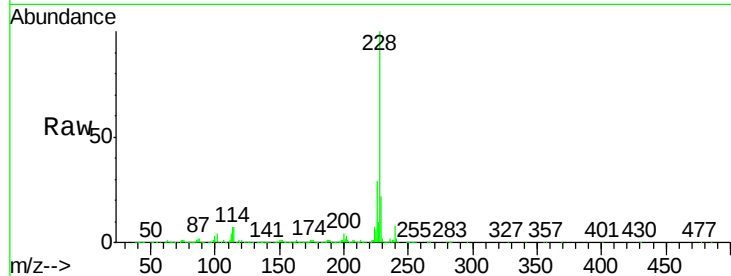
ClientSampleId :

PB129076BS

Tgt Ion:	228	Resp:	1232250
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	22.3	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 35.69 ng

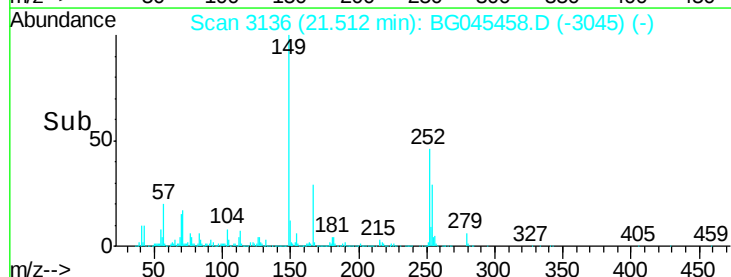
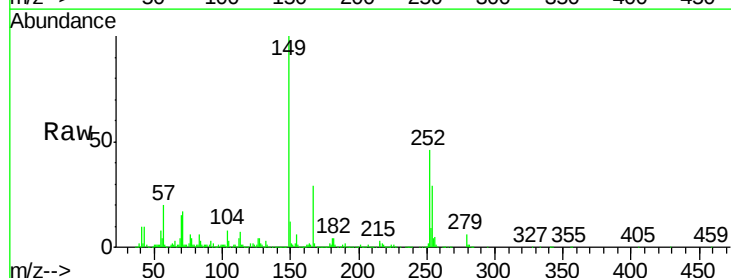
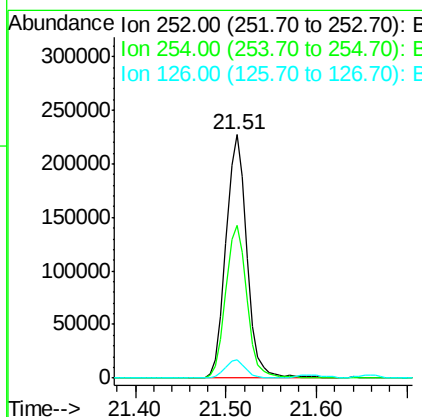
RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	252	Resp:	364656
Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.3	76.9
126	7.7	6.6	10.0





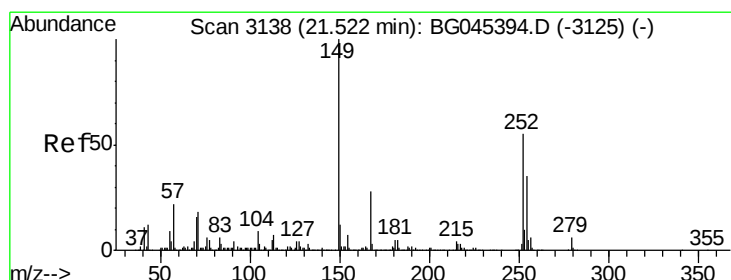
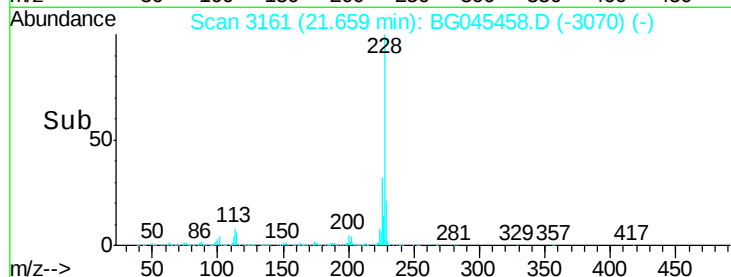
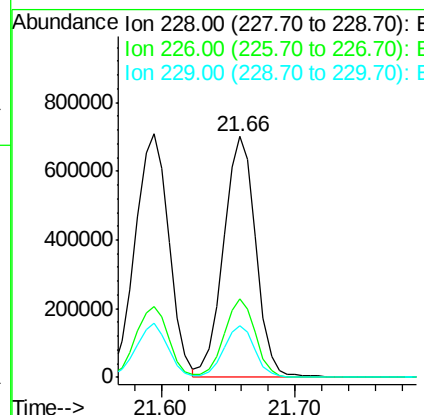
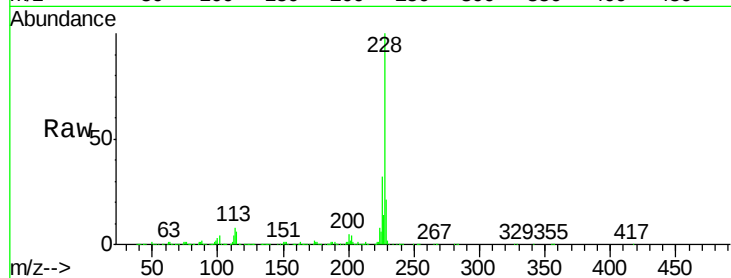
#83
 Chrysene
 Concen: 47.07 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Tgt Ion: 228 Resp: 1178886
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.2 37.8
 229 21.3 16.7 25.1

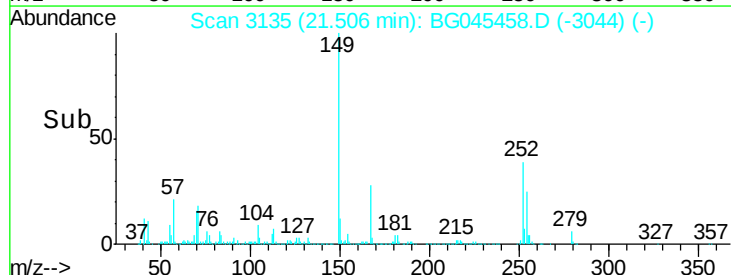
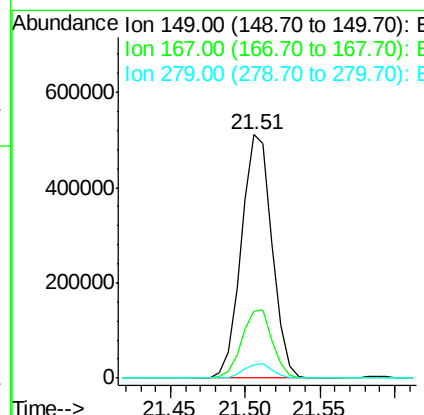
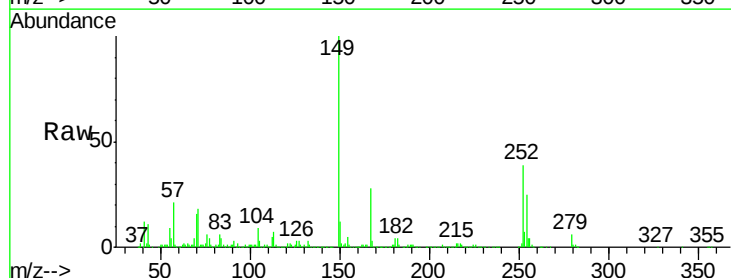
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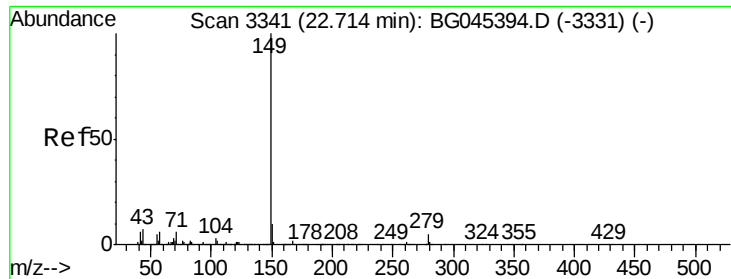
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.04 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion: 149 Resp: 728108
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 5.5 4.7 7.1





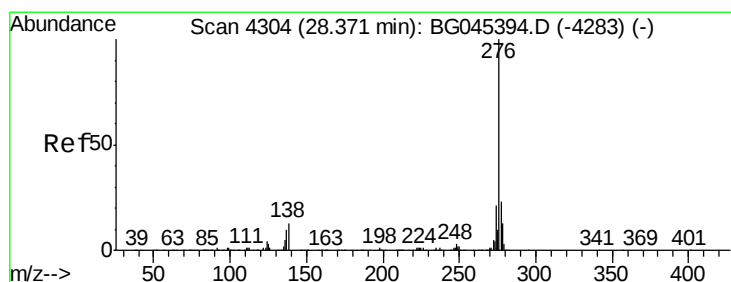
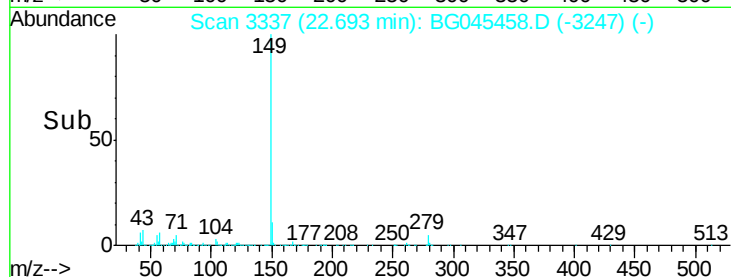
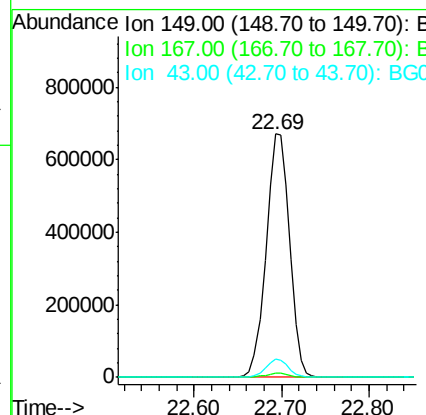
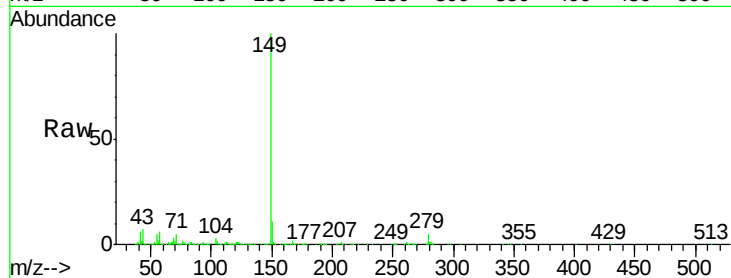
#85
Di-n-octyl phthalate
Concen: 45.52 ng
RT: 22.69 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.1	5.8	8.8

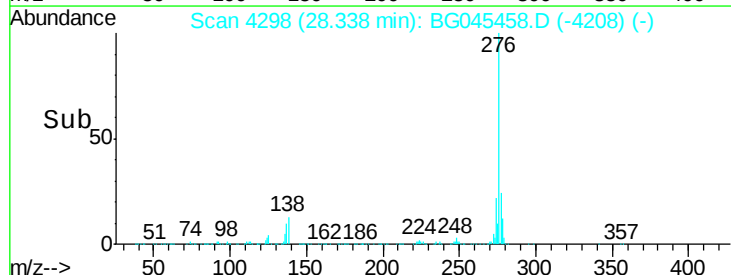
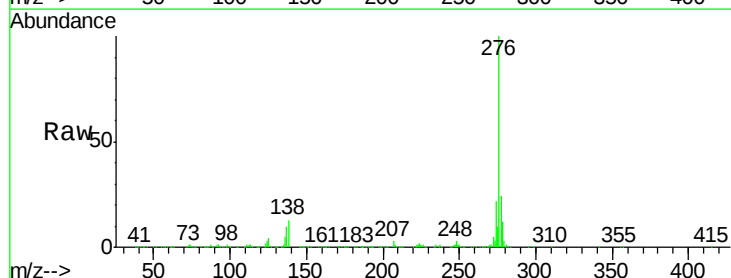
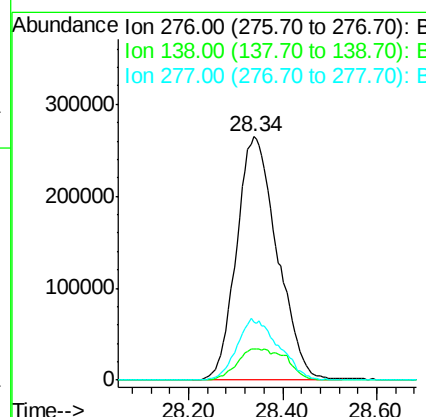
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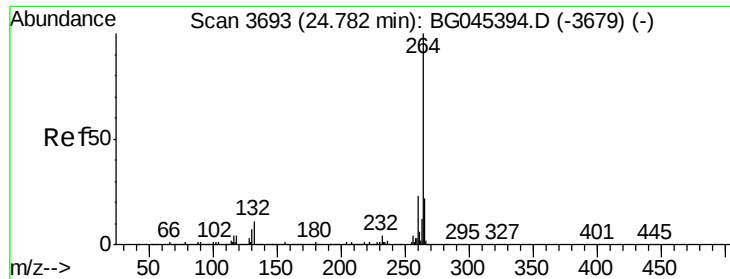
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.62 ng
RT: 28.34 min Scan# 4298
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.6	12.8#
277	25.7	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

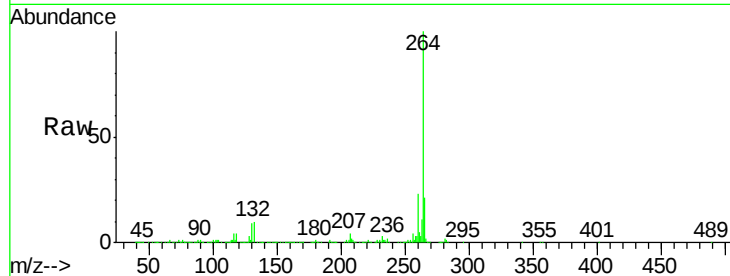
ClientSampleId :

PB129076BS

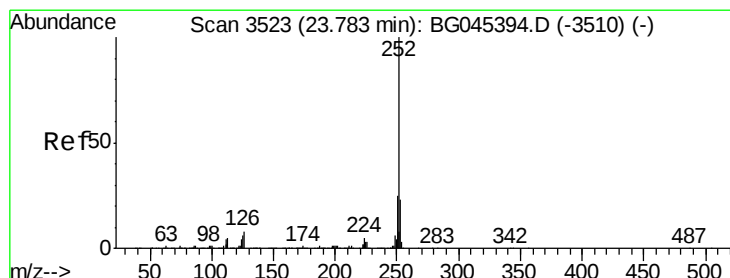
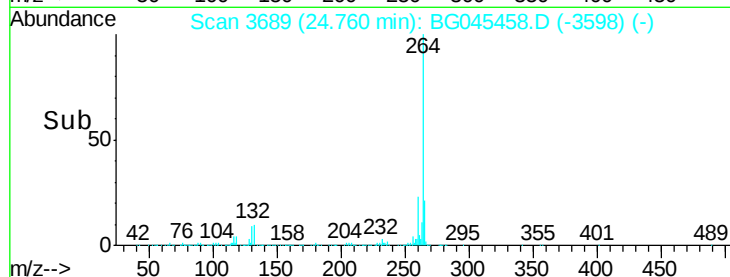
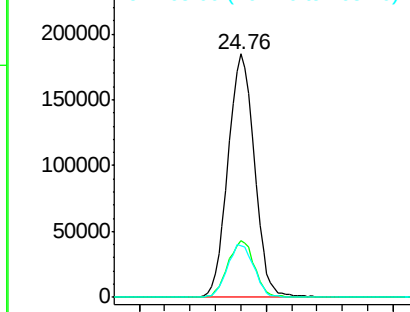
Tgt Ion:	264	Resp:	529454
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.3	17.6	26.4

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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: 46.48 ng

RT: 23.77 min Scan# 3520

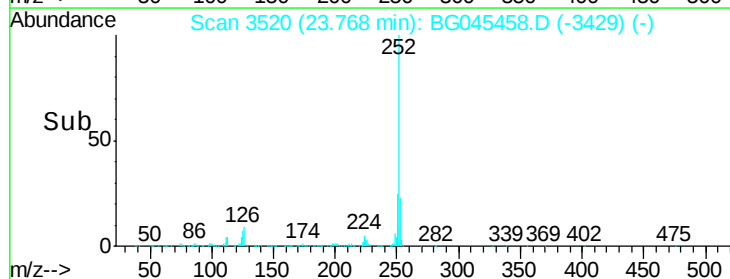
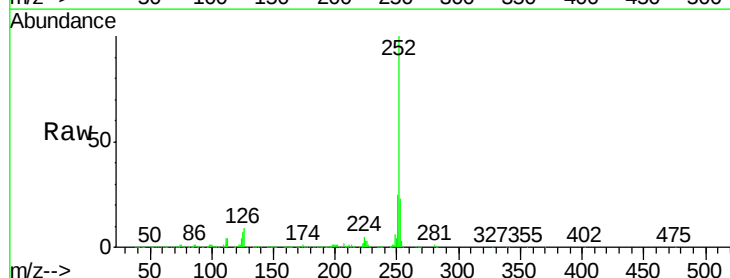
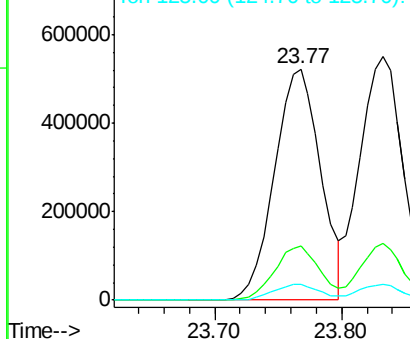
Delta R.T. 0.00 min

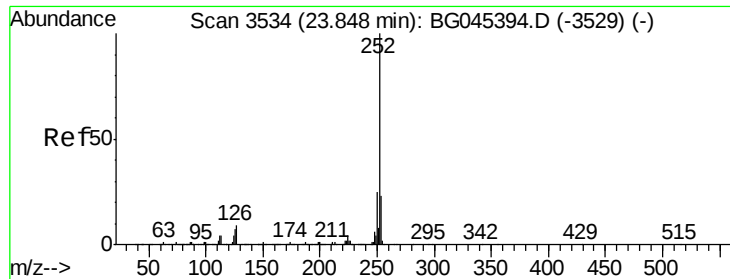
Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:	252	Resp:	1319790
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





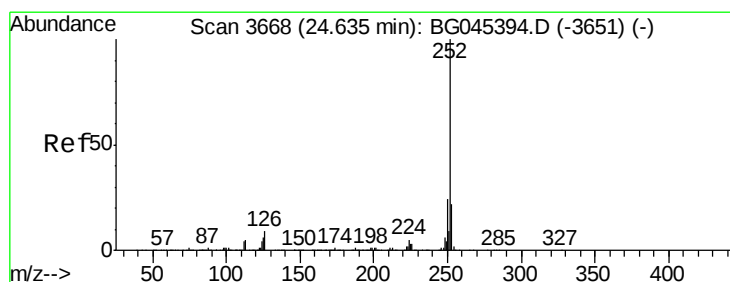
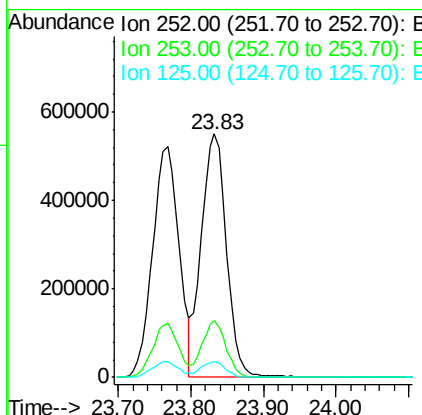
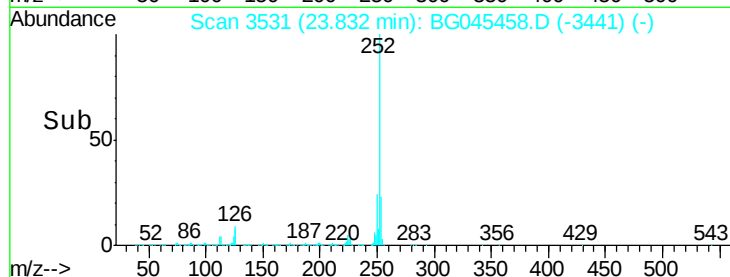
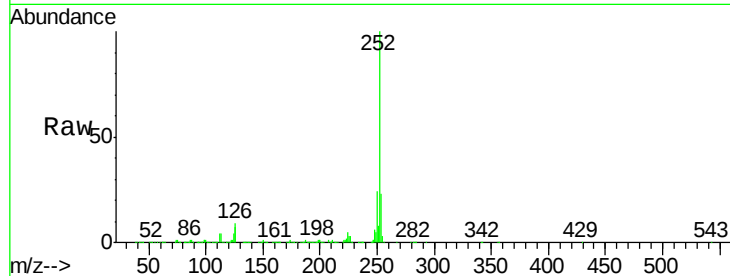
#89
Benzo(k)fluoranthene
Concen: 49.48 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion:252 Resp: 1320060
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.7 5.7 8.5

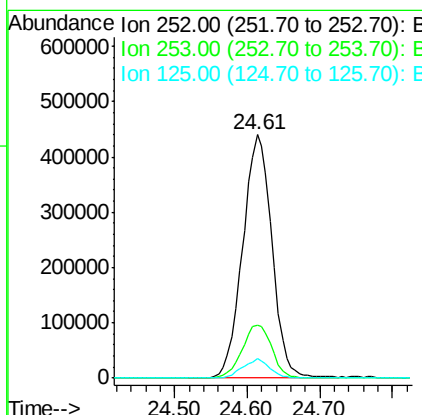
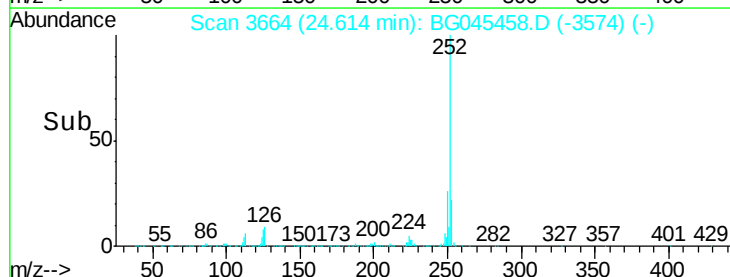
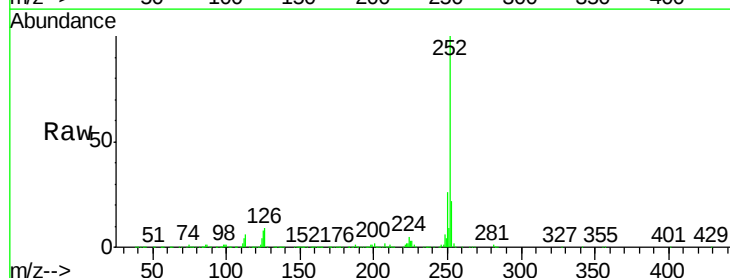
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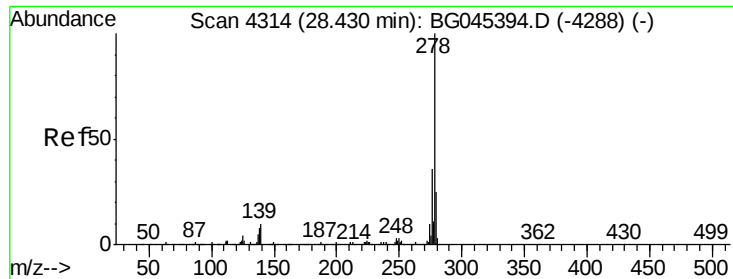
mohammad
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#90
Benzo(a)pyrene
Concen: 46.59 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:252 Resp: 1231981
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.0 5.0 7.6#





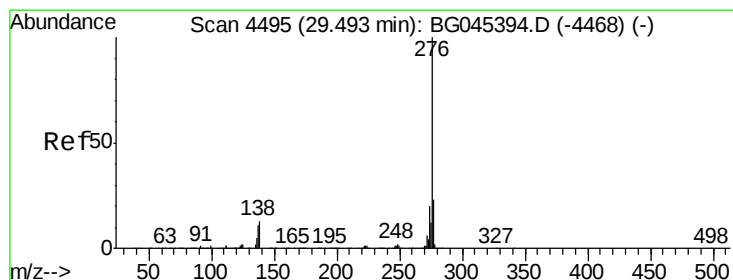
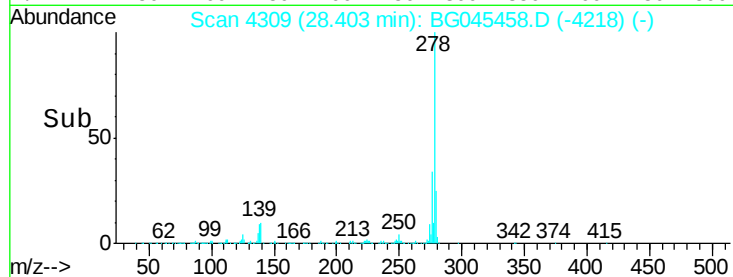
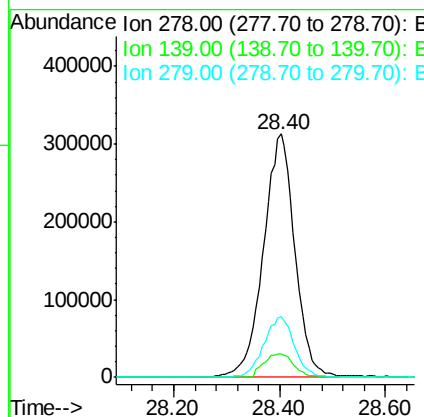
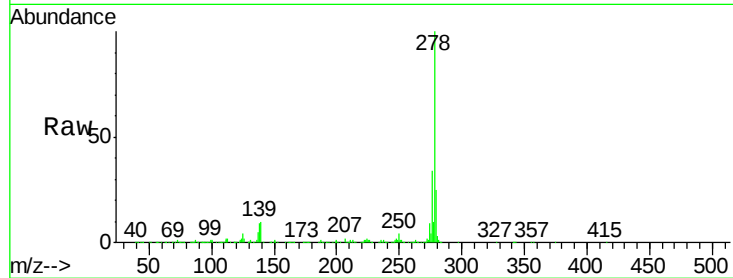
#91
Dibenzo(a,h)anthracene
Concen: 48.50 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.7	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.73 ng
RT: 29.45 min Scan# 4488
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	12.6	10.2	15.4

