

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045902.D
 Acq On : 1 Jul 2020 12:23
 Operator : CG/JU
 Sample : L2810-16MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:17:33 AM

Quant Time: Jul 01 14:05:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	68500	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	268520	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	193338	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	441701	20.00	ng	0.00
76) Chrysene-d12	21.52	240	402593	20.00	ng	0.00
86) Perylene-d12	24.60	264	411766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	450020	110.98	ng	0.00
7) Phenol-d6	7.08	99	582233	94.39	ng	0.00
23) Nitrobenzene-d5	9.02	82	474813	80.78	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	344406	117.99	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1030090	78.30	ng	0.00
79) Terphenyl-d14	19.89	244	1675562	84.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	61180	32.941	ng	# 53
3) Pyridine	3.71	79	150803	27.401	ng	97
4) n-Nitrosodimethylamine	3.61	42	76552	41.438	ng	96
6) Aniline	7.19	93	185923	25.599	ng	99
8) 2-Chlorophenol	7.44	128	191166	44.042	ng	99
9) Benzaldehyde	6.99	77	42737	11.536	ng	94
10) Phenol	7.10	94	213856	35.783	ng	96
11) bis(2-Chloroethyl)ether	7.28	93	183866	40.503	ng	98
12) 1,3-Dichlorobenzene	7.74	146	203473	39.337	ng	97
13) 1,4-Dichlorobenzene	7.89	146	205668	39.807	ng	96
14) 1,2-Dichlorobenzene	8.21	146	194636	39.350	ng	99
15) Benzyl Alcohol	8.11	79	206100	43.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.39	45	169442	39.604	ng	97
17) 2-Methylphenol	8.35	107	170090	38.242	ng	96
18) Hexachloroethane	8.94	117	79075	40.297	ng	95
19) n-Nitroso-di-n-propylamine	8.67	70	171619	42.321	ng	96
20) 3+4-Methylphenols	8.68	107	224844	38.438	ng	92
22) Acetophenone	8.68	105	301354	40.889	ng	99
24) Nitrobenzene	9.06	77	254535	40.614	ng	98
25) Isophorone	9.59	82	466005	40.953	ng	99
26) 2-Nitrophenol	9.78	139	112318	43.017	ng	96
27) 2,4-Dimethylphenol	9.87	122	174484	43.771	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	253361	42.626	ng	97
29) 2,4-Dichlorophenol	10.34	162	203531	43.762	ng	97
30) 1,2,4-Trichlorobenzene	10.53	180	217745	39.547	ng	98
31) Naphthalene	10.72	128	605993	41.279	ng	99
32) Benzoic acid	10.08	122	93013	38.226	ng	91
33) 4-Chloroaniline	10.83	127	92087	14.979	ng	96
34) Hexachlorobutadiene	11.00	225	152212	38.872	ng	98
35) Caprolactam	11.61	113	53260m	35.388	ng	
36) 4-Chloro-3-methylphenol	12.00	107	232732	43.340	ng	99
37) 2-Methylnaphthalene	12.33	142	460176	42.096	ng	97
38) 1-Methylnaphthalene	12.55	142	438092	42.349	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	255195	40.086	ng	97

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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	256038	73.568	nq	98
43) 2,4,6-Trichlorophenol	12.96	196	179623	41.615	nq	95
44) 2,4,5-Trichlorophenol	13.05	196	182803	37.160	nq	92
46) 1,1'-Biphenyl	13.35	154	575940	41.608	nq	98
47) 2-Chloronaphthalene	13.39	162	446577	39.940	nq	100
48) 2-Nitroaniline	13.60	65	154653	41.581	nq	93
49) Acenaphthylene	14.23	152	728455	40.674	nq	98
50) Dimethylphthalate	13.98	163	682971	45.092	nq	99
51) 2,6-Dinitrotoluene	14.09	165	141134	41.487	nq	96
52) Acenaphthene	14.58	154	441983	40.714	nq	98
53) 3-Nitroaniline	14.43	138	98894	29.104	nq	98
54) 2,4-Dinitrophenol	14.65	184	153502	80.989	nq	93
55) Dibenzofuran	14.92	168	721490	40.911	nq	99
56) 4-Nitrophenol	14.80	139	160828	66.755	nq	99
57) 2,4-Dinitrotoluene	14.89	165	201310	41.302	nq	98
58) Fluorene	15.57	166	605132	41.266	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	168050	39.359	nq	98
60) Diethylphthalate	15.34	149	640201	41.348	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	337025	39.875	nq	99
62) 4-Nitroaniline	15.61	138	137525	39.436	nq	93
63) Azobenzene	15.86	77	617302	41.522	nq	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	120696	44.216	nq	100
66) n-Nitrosodiphenylamine	15.78	169	533899	42.675	nq	99
67) 4-Bromophenyl-phenylether	16.45	248	234133	40.795	nq	99
68) Hexachlorobenzene	16.58	284	255027	42.852	nq	98
69) Atrazine	16.74	200	185190	38.147	nq	93
70) Pentachlorophenol	16.94	266	197406	68.473	nq	98
71) Phenanthrene	17.31	178	951669	41.776	nq	99
72) Anthracene	17.40	178	960361	42.335	nq	99
73) Carbazole	17.68	167	887963	41.110	nq	99
74) Di-n-butylphthalate	18.23	149	1058611	41.392	nq	98
75) Fluoranthene	19.33	202	1148507	41.000	nq	99
77) Benzidine	19.51	184	210871	20.148	nq	97
78) Pyrene	19.69	202	1129989	41.915	nq	100
80) Butylbenzylphthalate	20.58	149	471098	41.748	nq	98
81) Benzo(a)anthracene	21.50	228	1081838	41.447	nq	99
82) 3,3'-Dichlorobenzidine	21.42	252	333770	33.806	nq	96
83) Chrysene	21.57	228	1041649	41.260	nq	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	654354	41.689	nq	98
85) Di-n-octyl phthalate	22.58	149	1089935	40.257	nq	100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1358004	45.492	nq	# 95
88) Benzo(b)fluoranthene	23.63	252	1146180	44.396	nq	99
89) Benzo(k)fluoranthene	23.70	252	1102539	44.620	nq	99
90) Benzo(a)pyrene	24.46	252	1033172	42.840	nq	99
91) Dibenzo(a,h)anthracene	28.16	278	1121467	46.849	nq	99
92) Benzo(g,h,i)perylene	29.20	276	1110323	46.341	nq	99

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

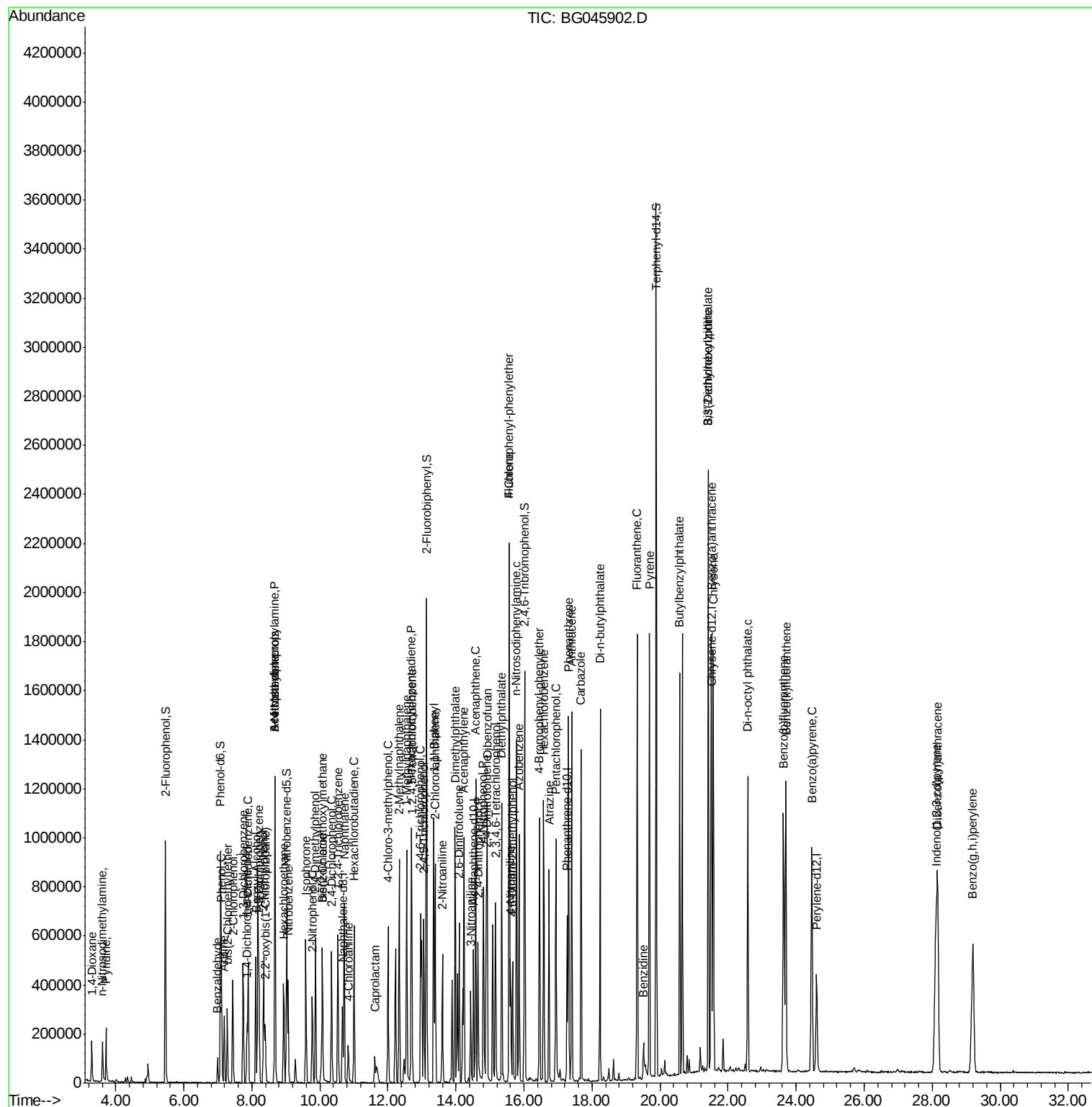
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
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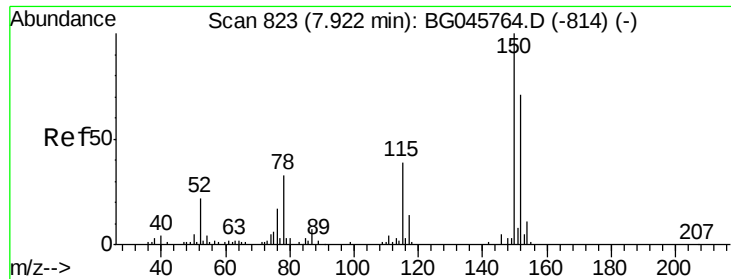
Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Manual Integrations
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7/7/2020 8:17:33 AM

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QLast Update : Wed Jul 01 13:54:49 2020
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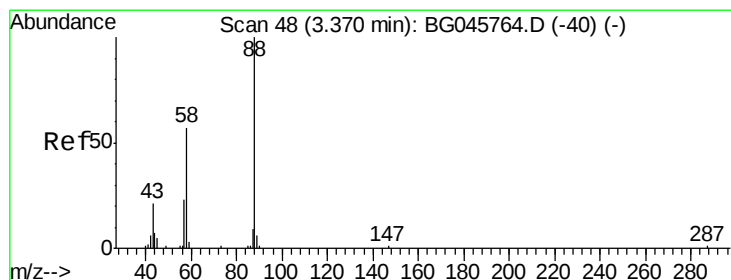
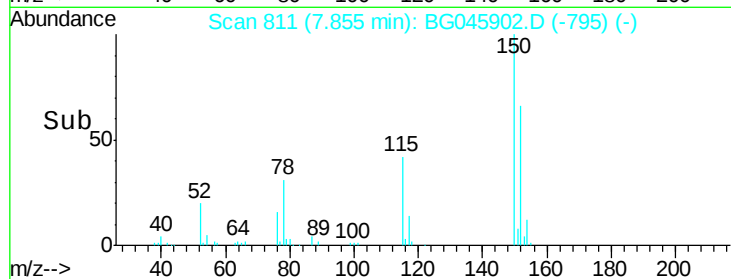
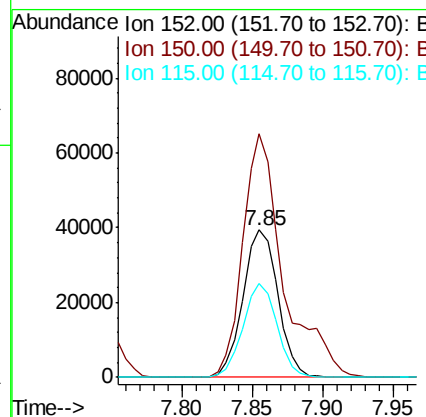
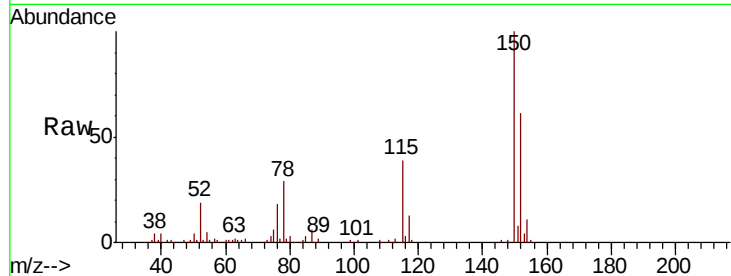
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	121.2	181.8
115	63.7	47.5	71.3

Manual Integrations
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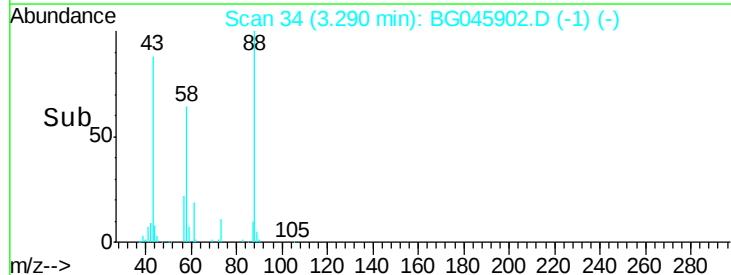
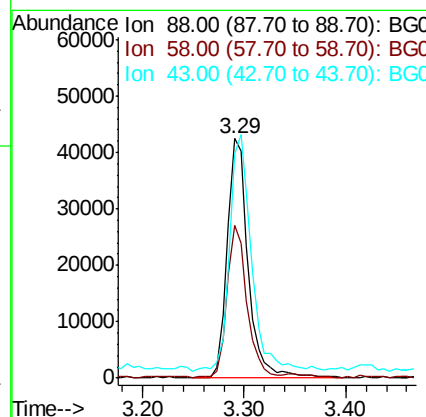
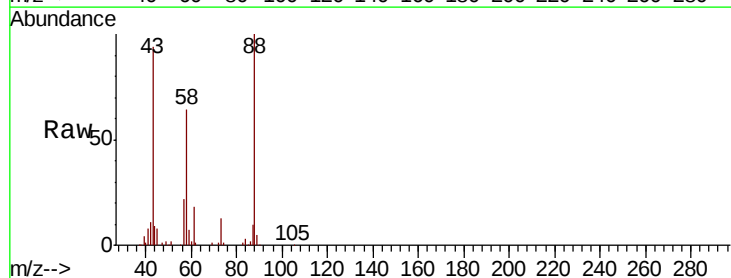
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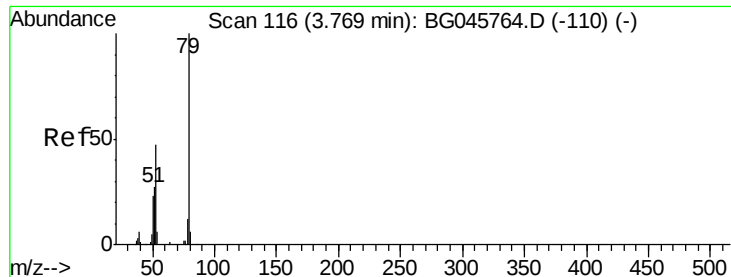


#2

1,4-Dioxane
Concen: 32.941 ng
RT: 3.29 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.2	46.6	70.0
43	101.5	18.2	27.4





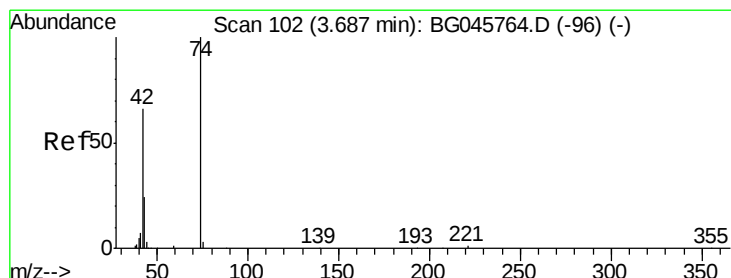
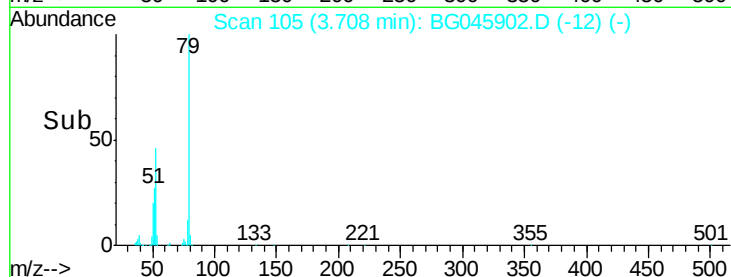
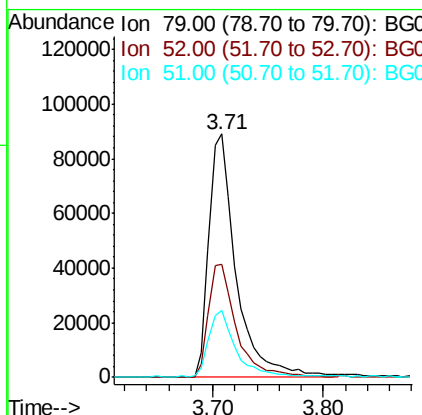
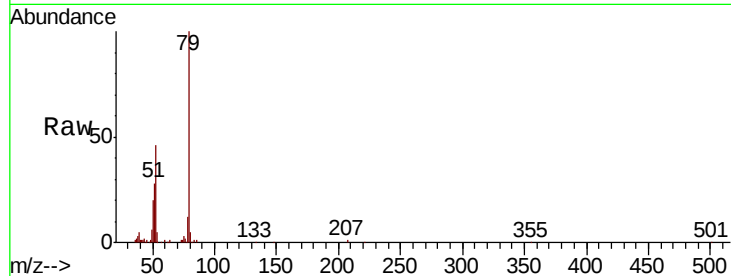
#3
 Pvridine
 Concen: 27.401 ng
 RT: 3.71 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.5	39.0	58.6
51	27.6	21.2	31.8

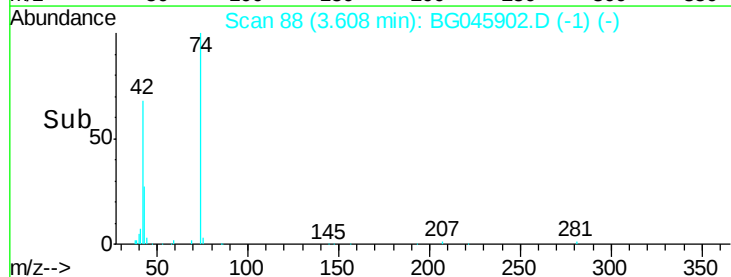
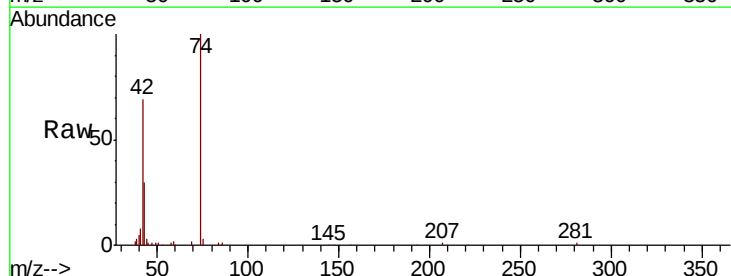
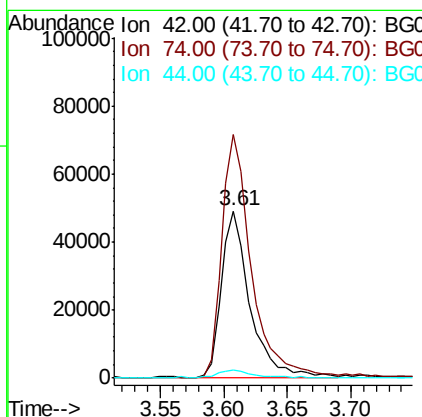
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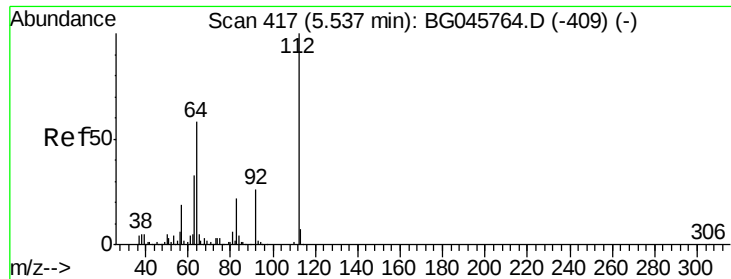
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#4
 n-Nitrosodimethylamine
 Concen: 41.438 ng
 RT: 3.61 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.6	120.5	180.7
44	4.6	4.2	6.4





#5

2-Fluorophenol

Concen: 110.977 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

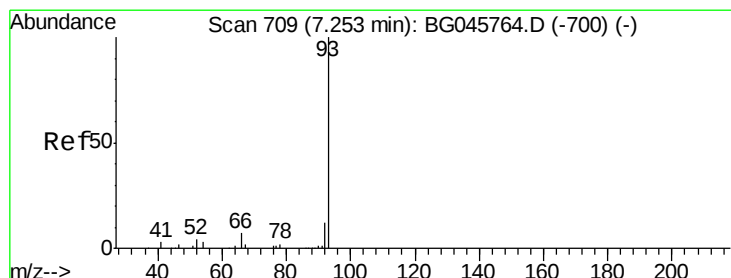
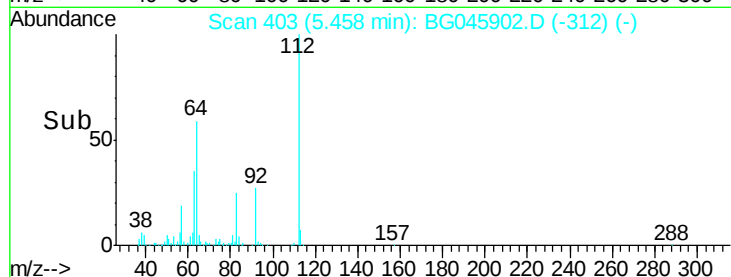
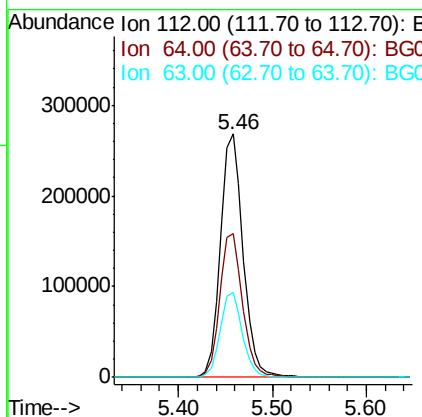
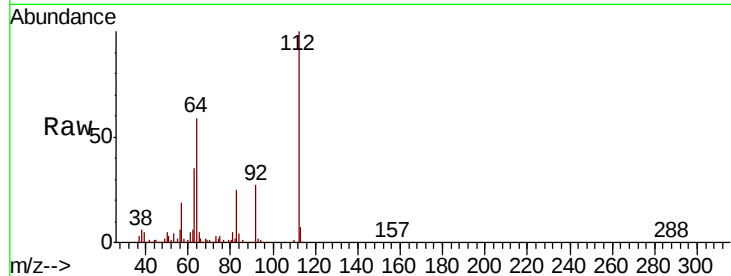
ClientSampleId :

CL-01-062420MSD

Tot Ion:	112	Resp:	450020
Ion Ratio	Lower	Upper	
112	100		
64	59.1	48.5	72.7
63	35.1	26.5	39.7

Manual Integrations
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#6

Aniline

Concen: 25.599 ng

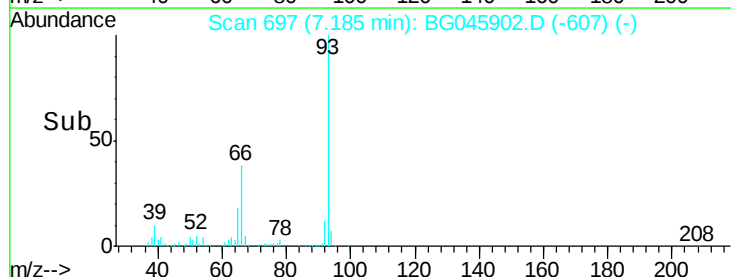
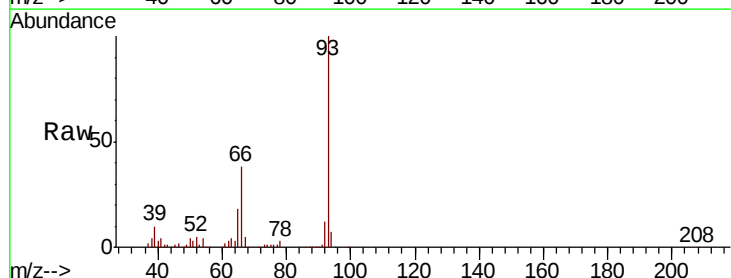
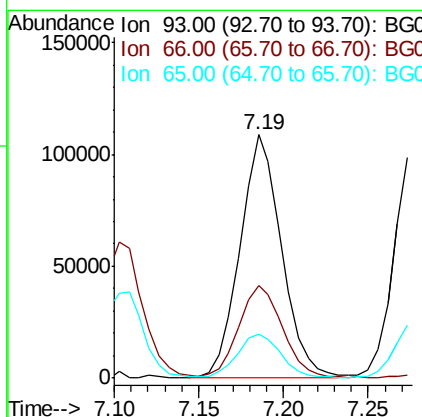
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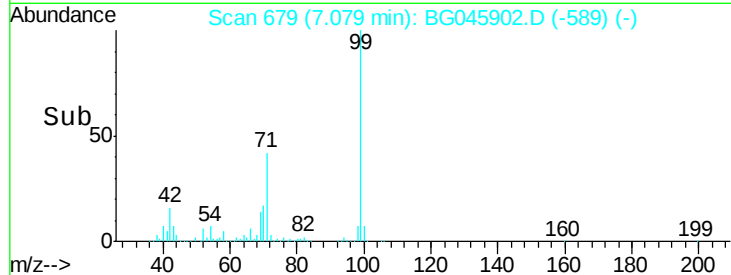
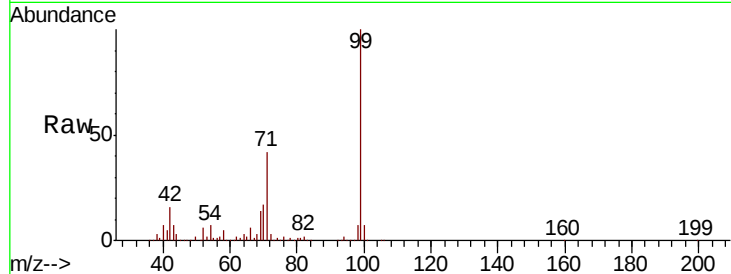
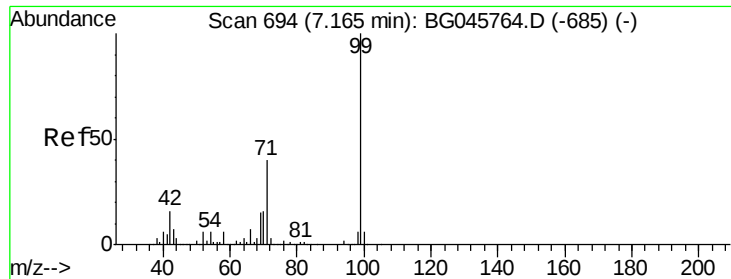
Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:	93	Resp:	185923
Ion Ratio	Lower	Upper	
93	100		
66	38.3	30.1	45.1
65	18.1	14.9	22.3





#7

Phenol-d6

Concen: 94.394 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tot Ion:	99	Resp:	582233
Ion Ratio	Lower	Upper	
99	100		
42	16.1	12.0	18.0
71	42.3	31.0	46.4

Instrument :

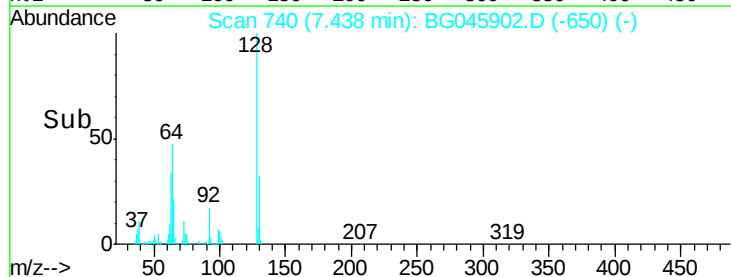
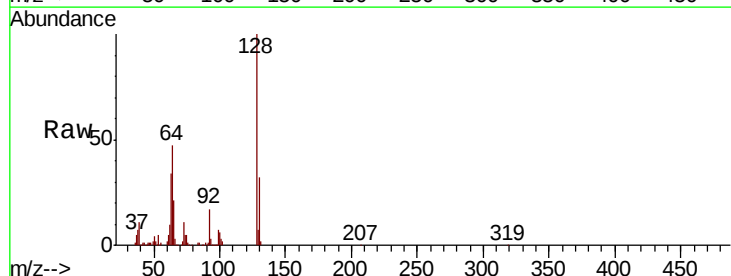
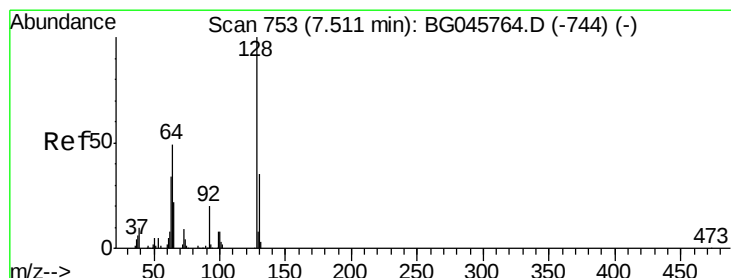
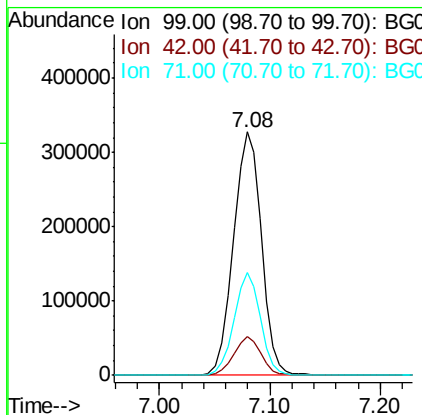
BNA_G

ClientSampleId :

CL-01-062420MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.042 ng

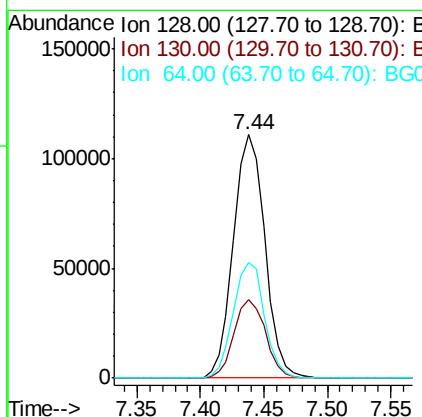
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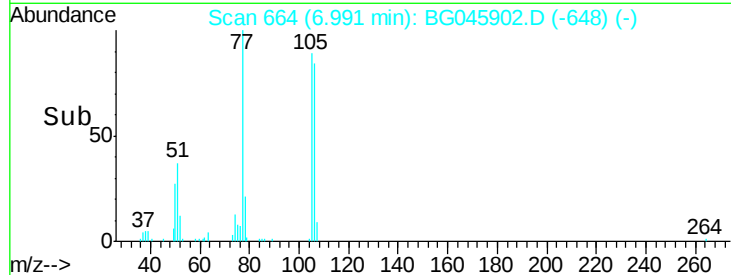
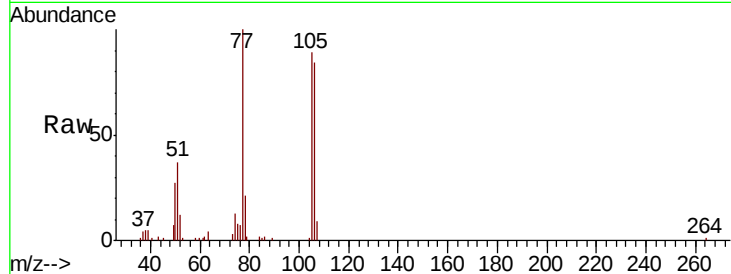
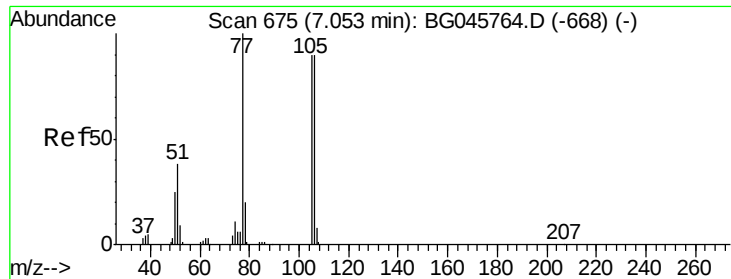
Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:	128	Resp:	191166
Ion Ratio	Lower	Upper	
128	100		
130	32.4	14.2	54.2
64	47.4	27.3	67.3





#9

Benzaldehyde

Concen: 11.536 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tot Ion:	77	Resp:	42737
Ion	Ratio	Lower	Upper
77	100		
105	88.8	72.6	112.6
106	84.1	71.4	111.4

Instrument :

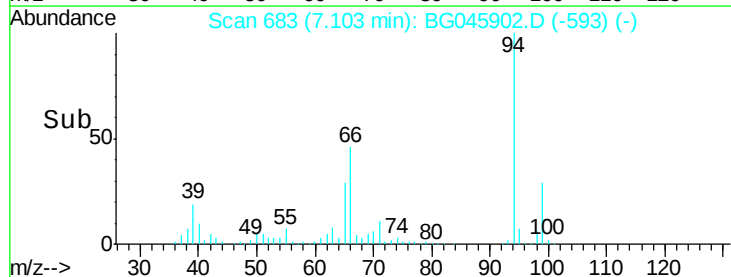
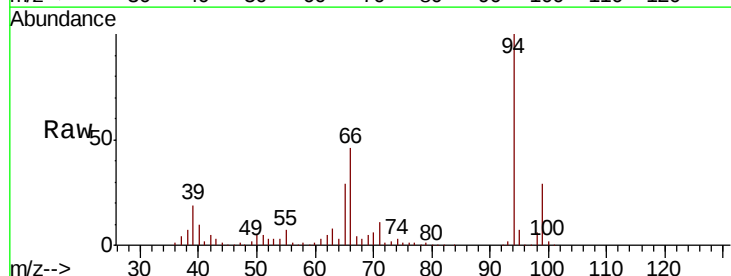
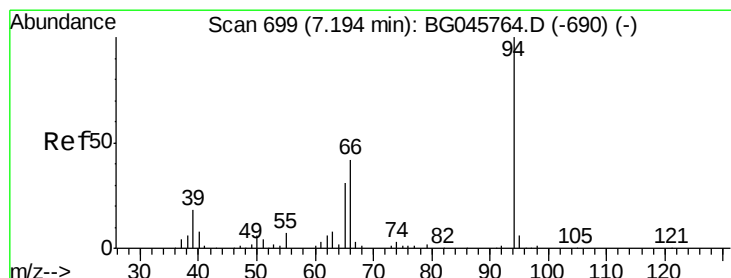
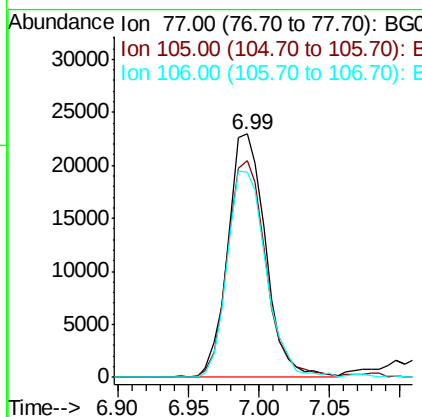
BNA_G

ClientSampleId :

CL-01-062420MSD

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#10

Phenol

Concen: 35.783 ng

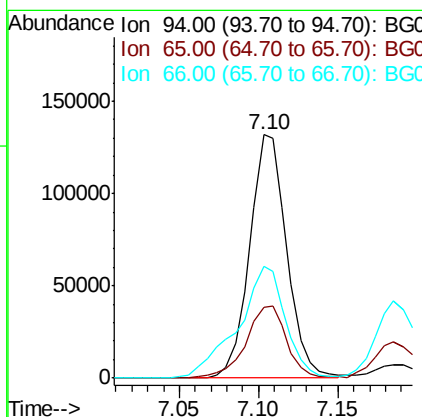
RT: 7.10 min Scan# 683

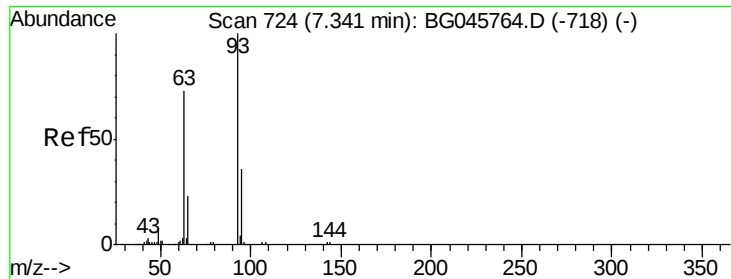
Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:	94	Resp:	213856
Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.1	50.1
66	46.0	23.2	63.2





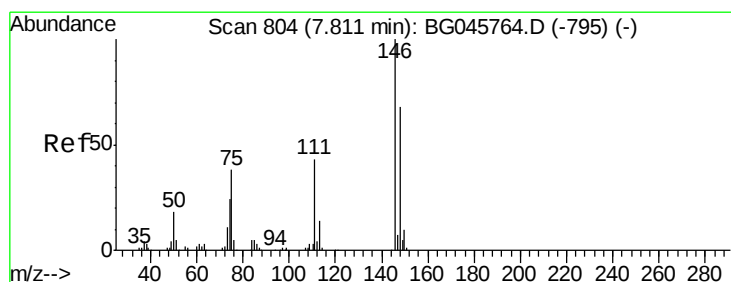
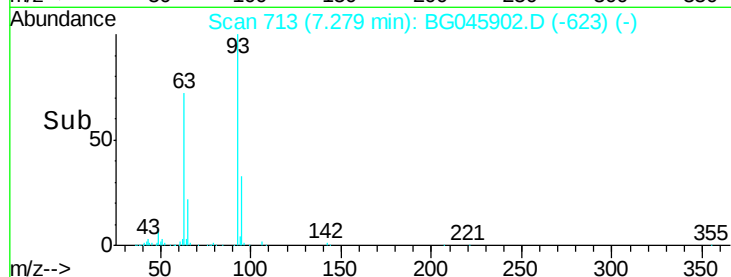
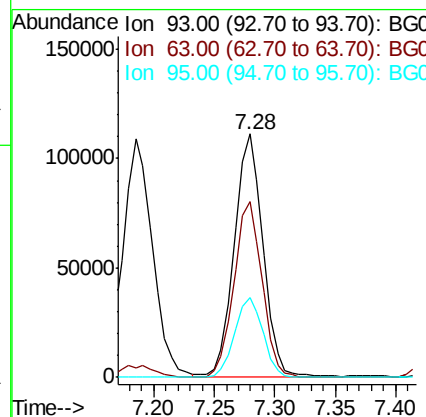
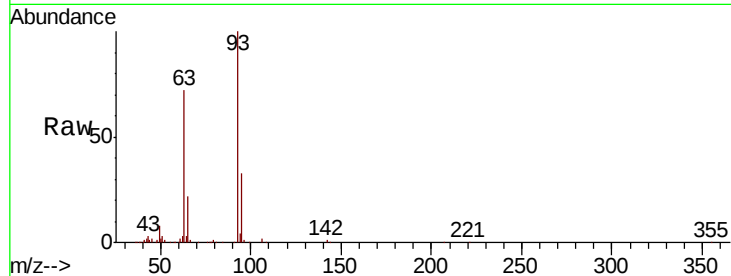
#11
bis(2-Chloroethyl)ether
Concen: 40.503 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		183866		
63	72.1	51.2	91.2		
95	32.7	14.1	54.1		

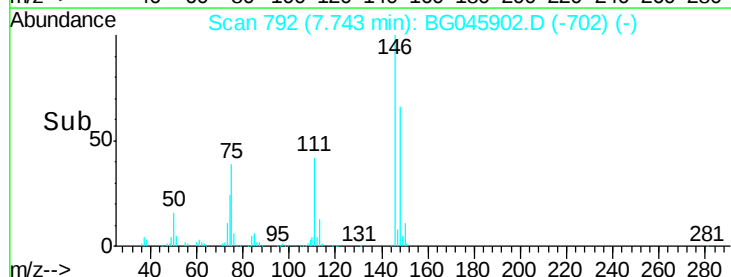
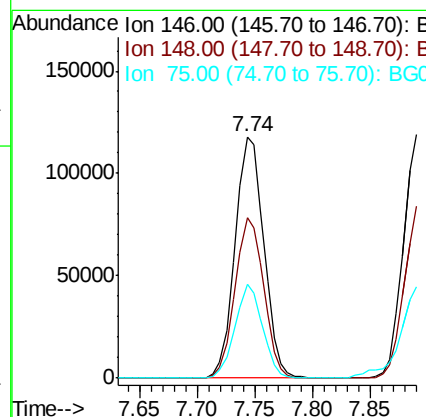
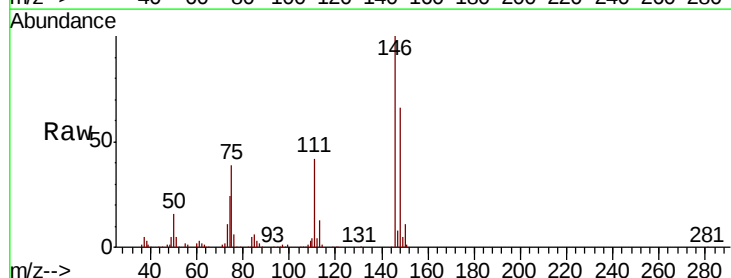
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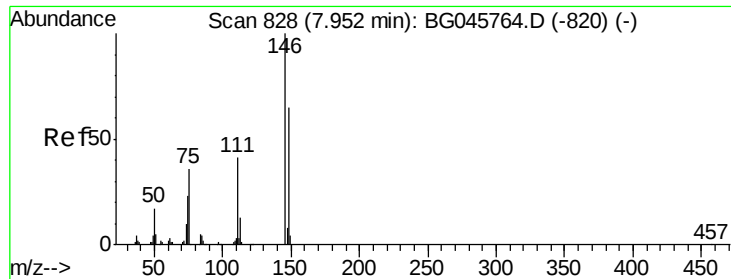
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#12
1,3-Dichlorobenzene
Concen: 39.337 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		203473		
148	66.4	55.7	83.5		
75	38.7	29.8	44.8		





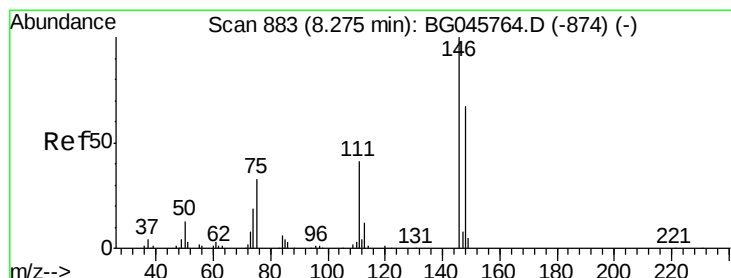
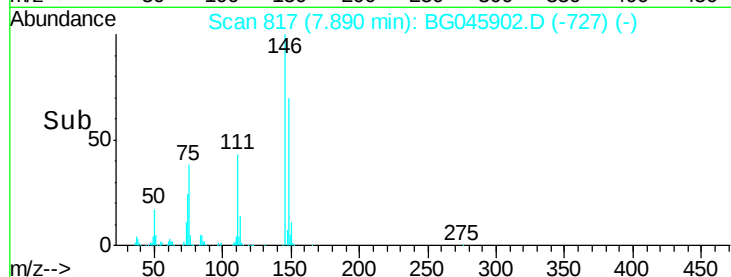
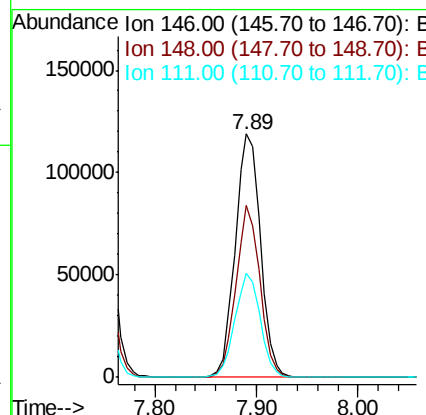
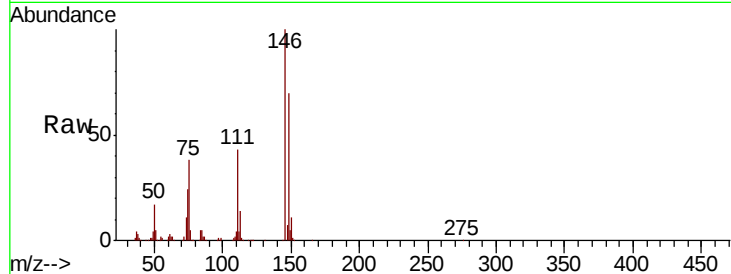
#13
 1,4-Dichlorobenzene
 Concen: 39.807 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		205668		
148	70.4	52.9		79.3	
111	43.0	33.3		49.9	

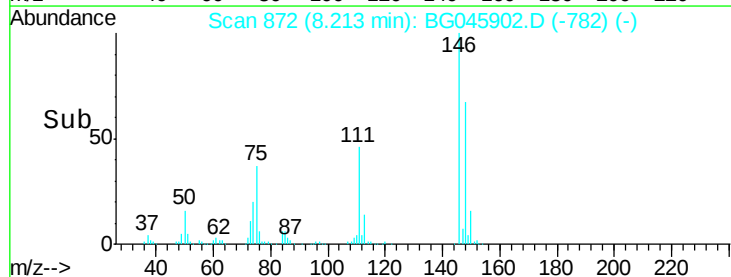
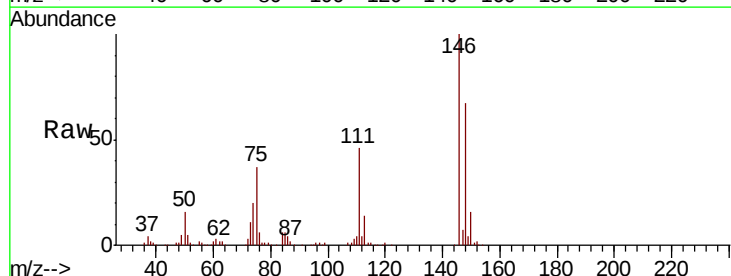
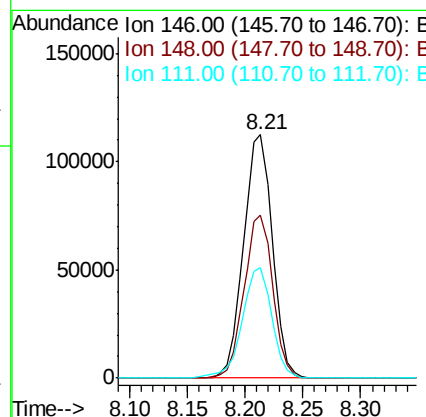
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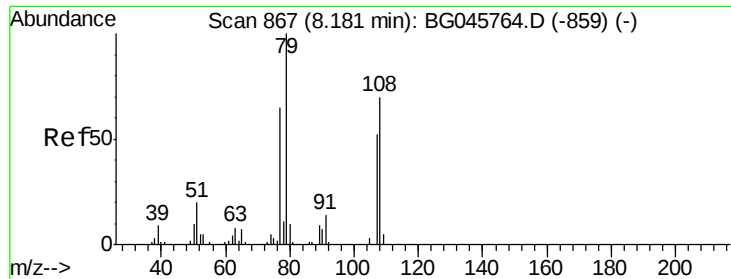
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#14
 1,2-Dichlorobenzene
 Concen: 39.350 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		194636		
148	66.8	54.9		82.3	
111	45.6	36.6		55.0	





#15

Benzyl Alcohol

Concen: 43.178 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

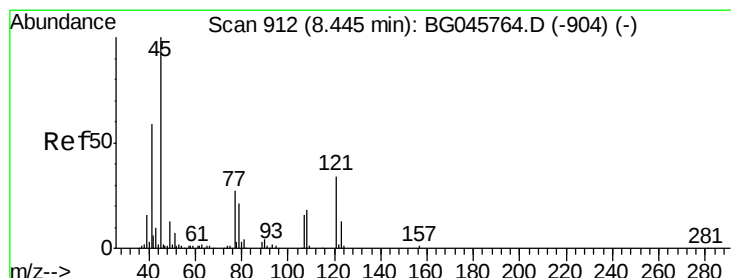
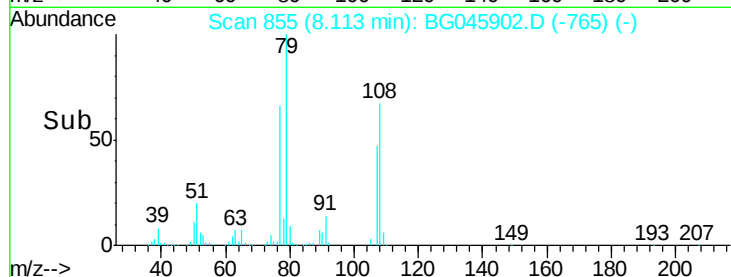
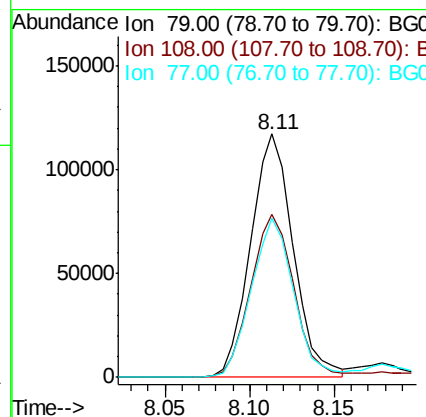
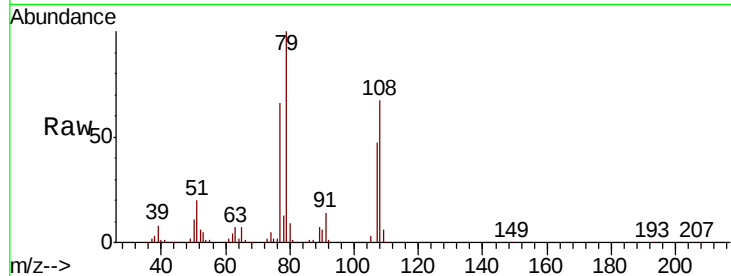
ClientSampleId :

CL-01-062420MSD

Tot Ion	79	Resp	206100
Ion Ratio	Lower	Upper	
79	100		
108	66.9	54.7	82.1
77	65.5	52.6	79.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.604 ng

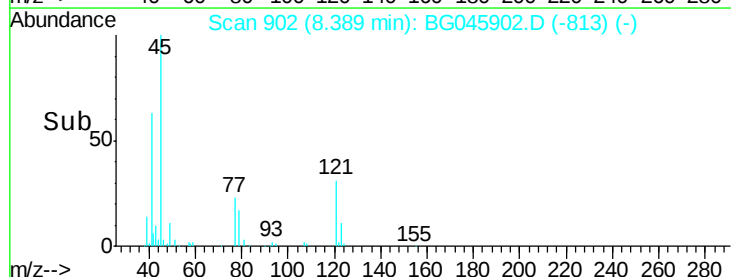
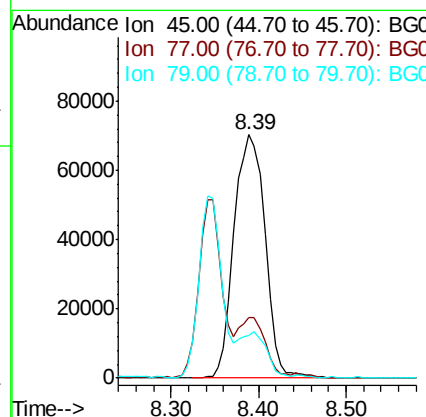
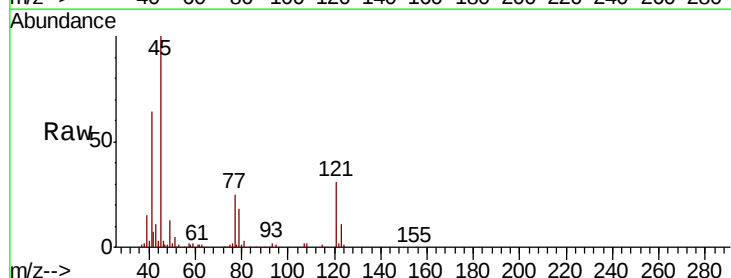
RT: 8.39 min Scan# 902

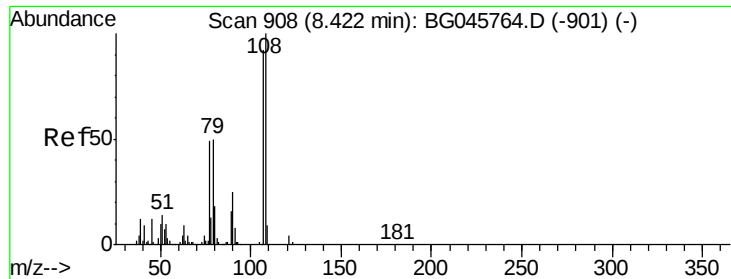
Delta R.T. -0.01 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion	45	Resp	169442
Ion Ratio	Lower	Upper	
45	100		
77	24.7	2.6	42.6
79	17.8	0.0	38.7





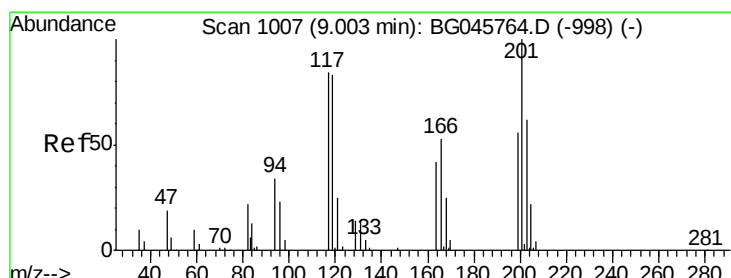
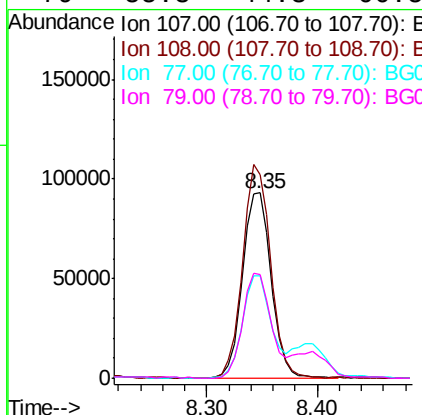
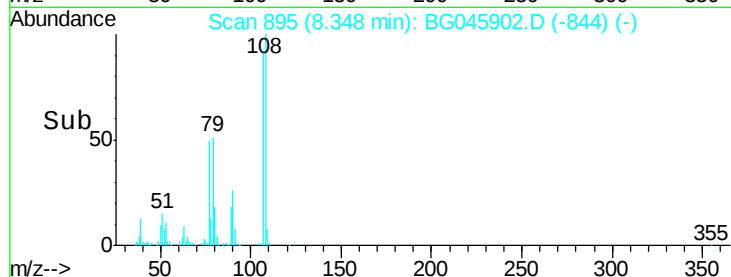
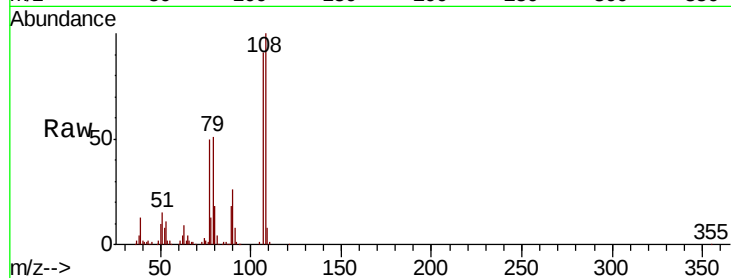
#17
2-Methylphenol
Concen: 38.242 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	94.2	141.4
77	55.6	43.6	65.4
79	55.8	44.3	66.5

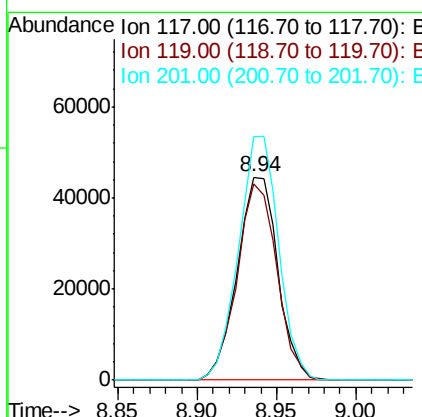
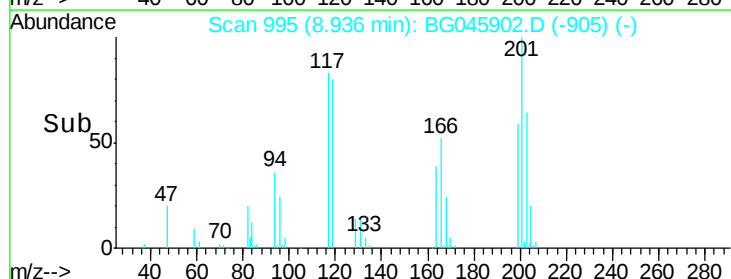
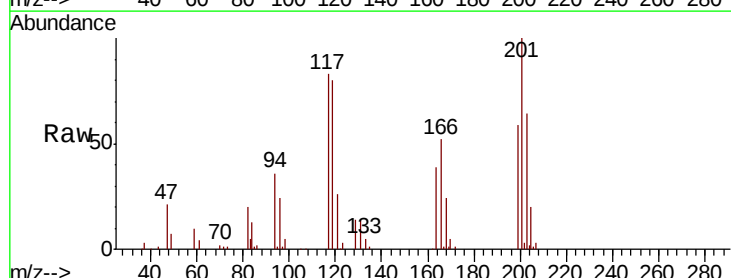
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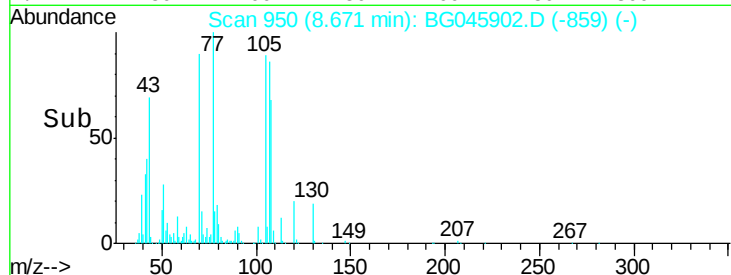
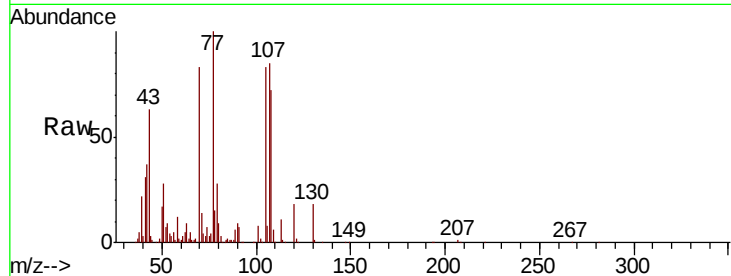
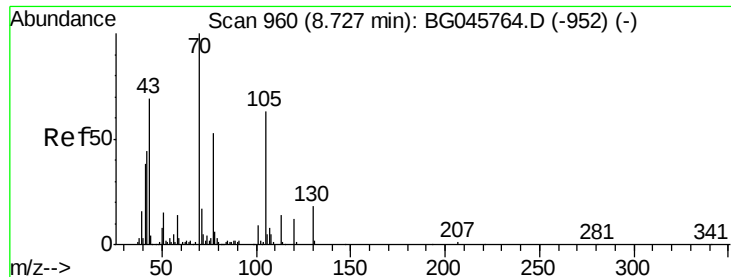
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#18
Hexachloroethane
Concen: 40.297 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.7	118.1
201	119.8	89.0	133.4





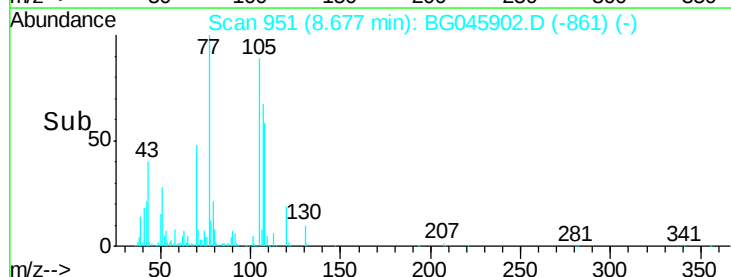
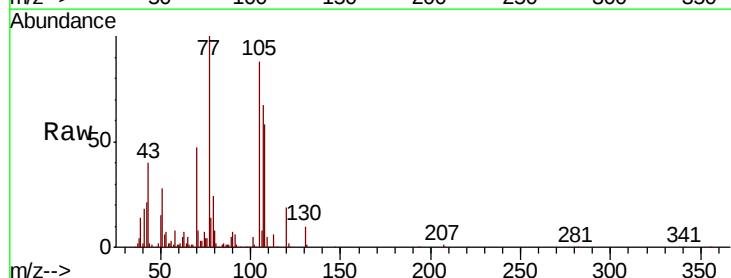
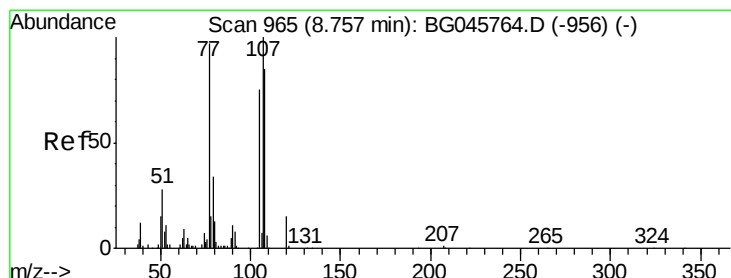
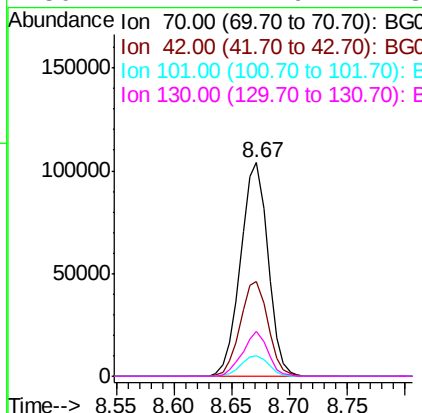
#19
n-Nitroso-di-n-propylamine
Concen: 42.321 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.3	33.9	50.9	
101	9.3	8.0	12.0	
130	21.2	14.9	22.3	

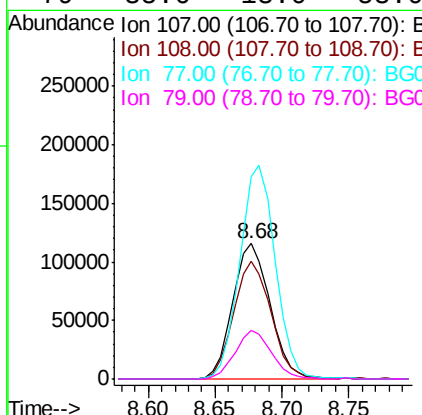
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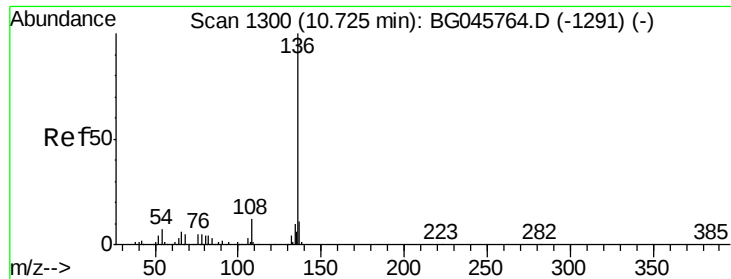
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#20
3+4-Methylphenols
Concen: 38.438 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	68.2	108.2	
77	149.5	113.1	153.1	
79	35.6	13.0	53.0	





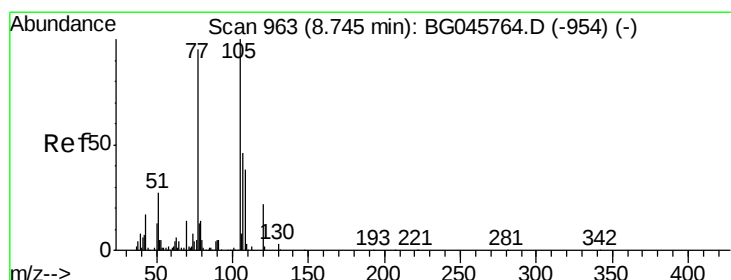
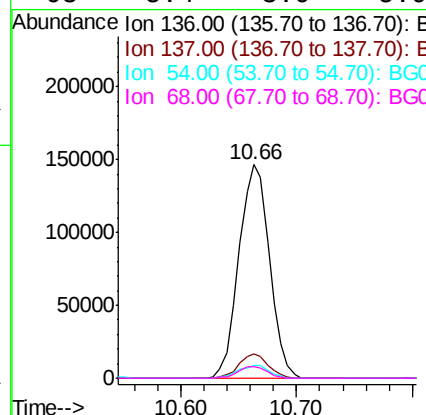
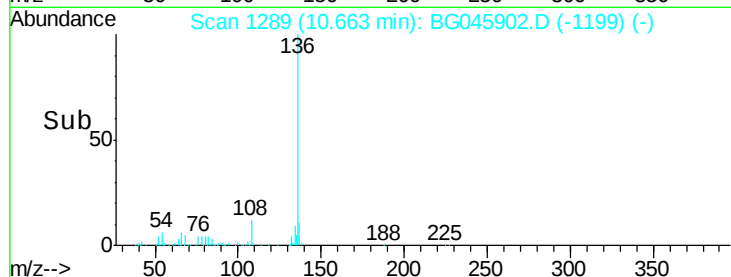
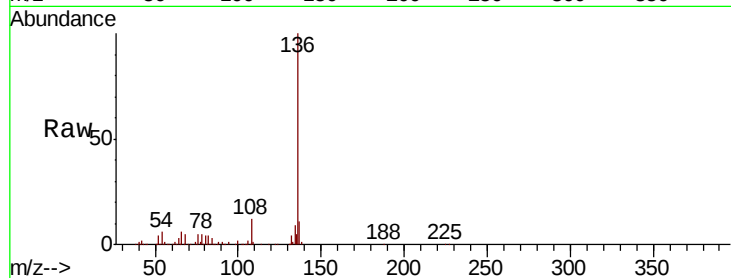
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	268520		
137	11.2		9.4	14.0
54	6.1		4.9	7.3
68	5.4		3.9	5.9

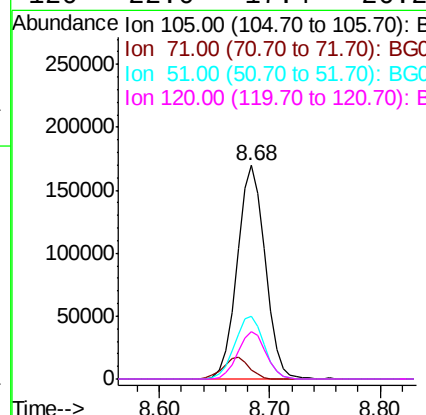
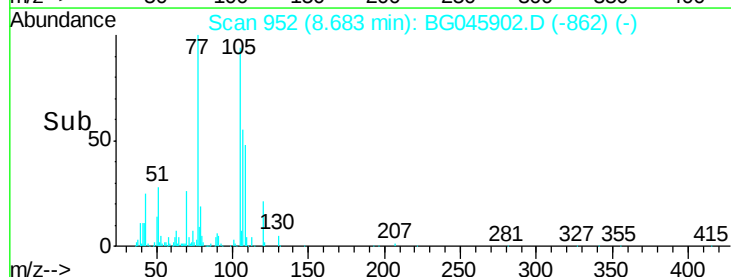
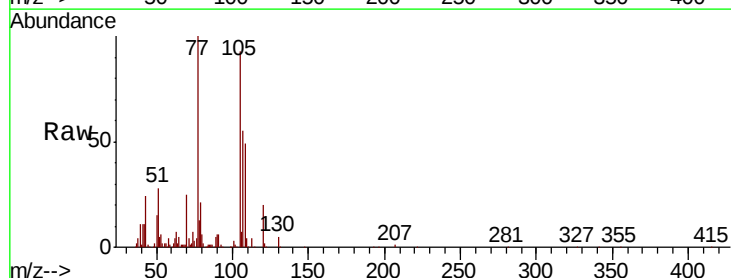
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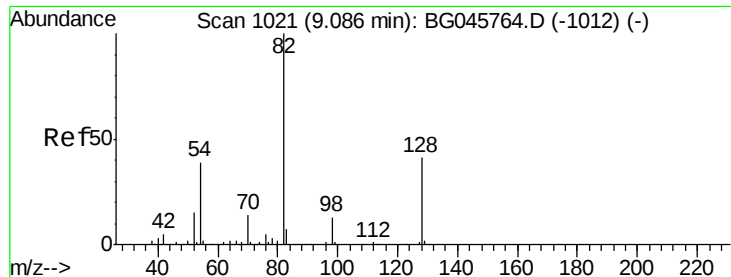
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#22
Acetophenone
Concen: 40.889 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301354		
71	4.4		3.5	5.3
51	29.7		24.5	36.7
120	22.0		17.4	26.2





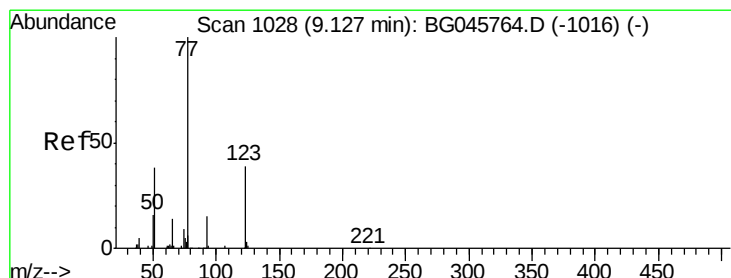
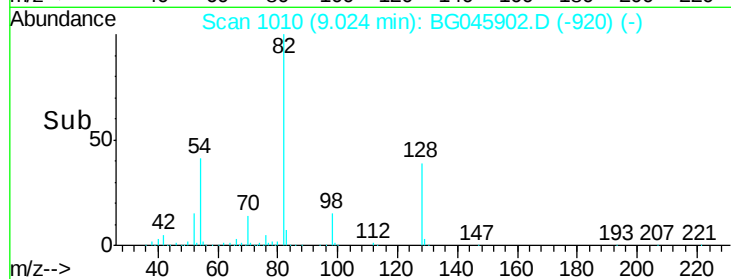
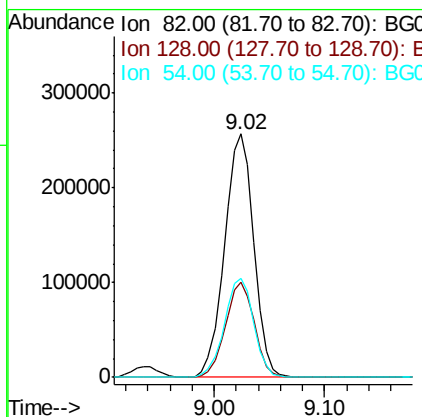
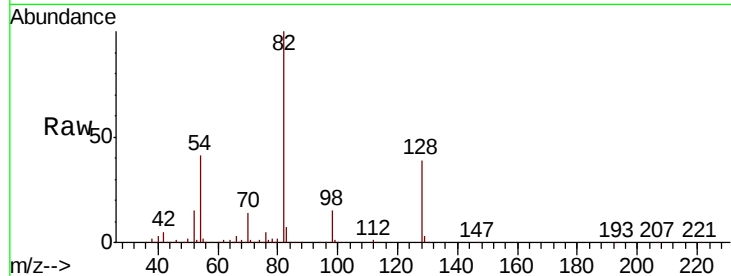
#23
 Nitrobenzene-d5
 Concen: 80.780 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	40.5	32.6	49.0

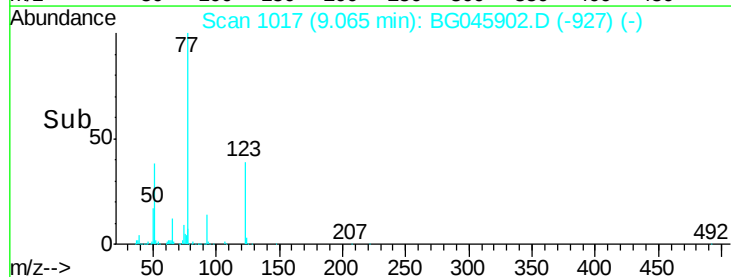
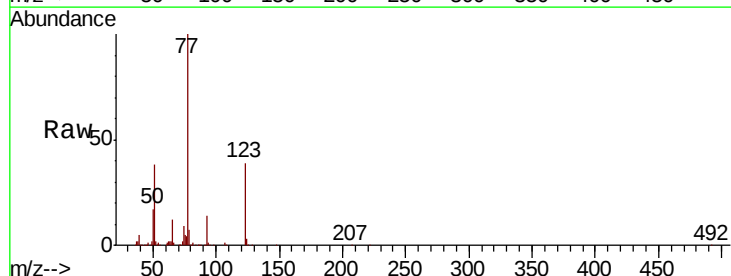
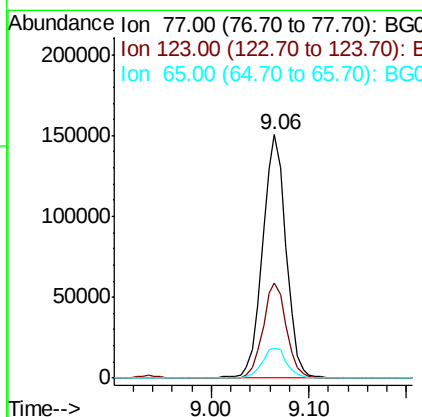
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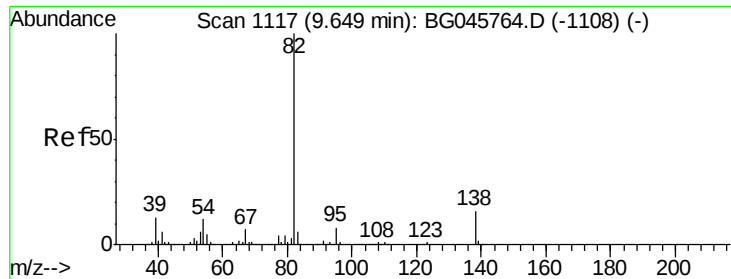
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#24
 Nitrobenzene
 Concen: 40.614 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.3	45.5
65	12.1	10.3	15.5





#25

Isophorone

Concen: 40.953 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

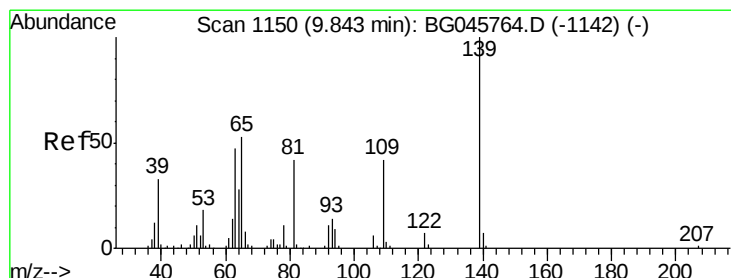
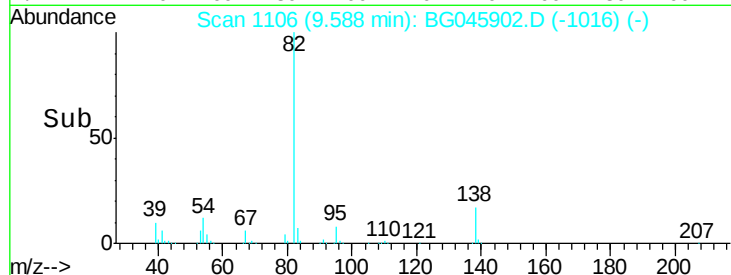
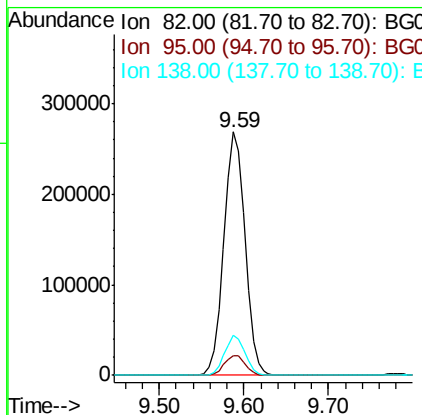
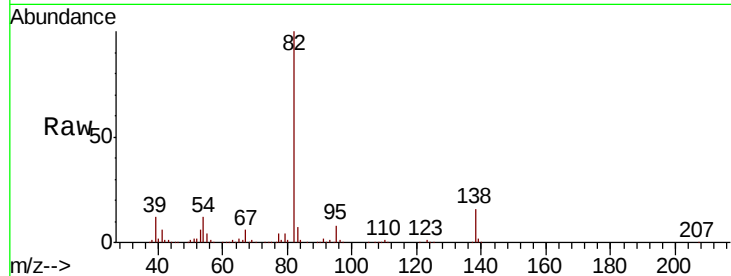
ClientSampleId :

CL-01-062420MSD

Tot Ion:	82	Resp:	466005
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.5	9.7
138	16.3	13.4	20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.017 ng

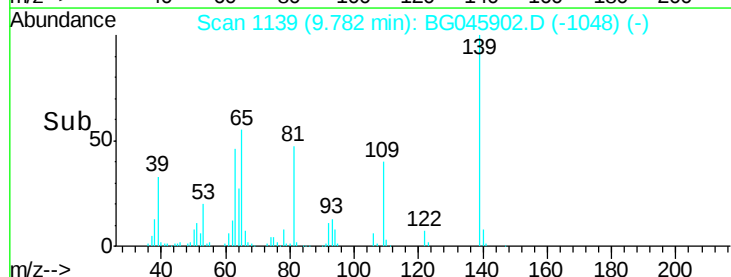
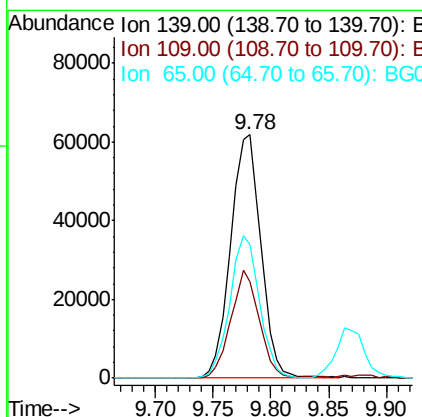
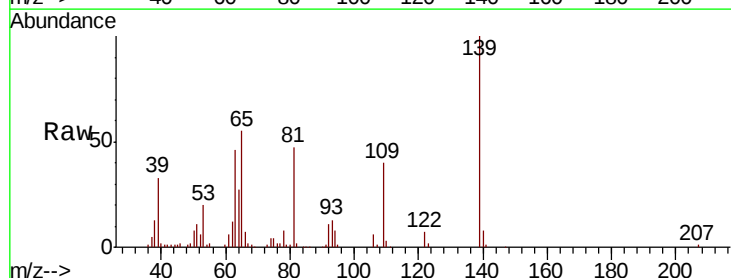
RT: 9.78 min Scan# 1139

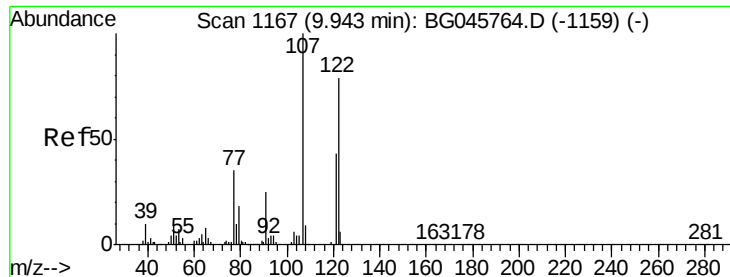
Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:	139	Resp:	112318
Ion Ratio	Lower	Upper	
139	100		
109	39.8	32.4	48.6
65	54.6	47.8	71.6





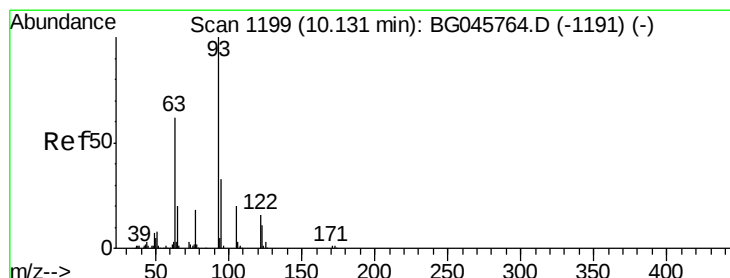
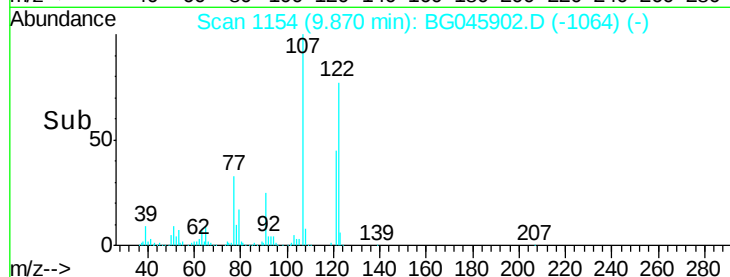
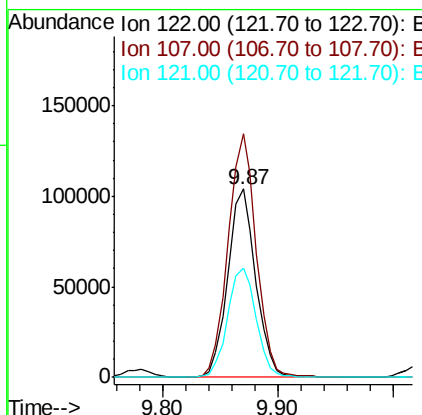
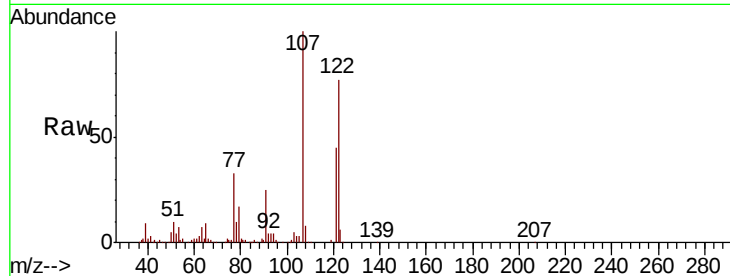
#27
2,4-Dimethylphenol
Concen: 43.771 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	103.1	154.7
121	58.1	47.1	70.7

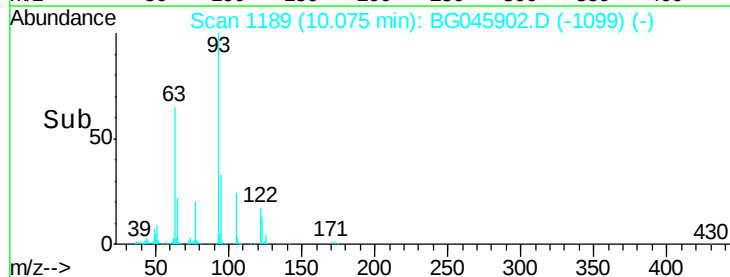
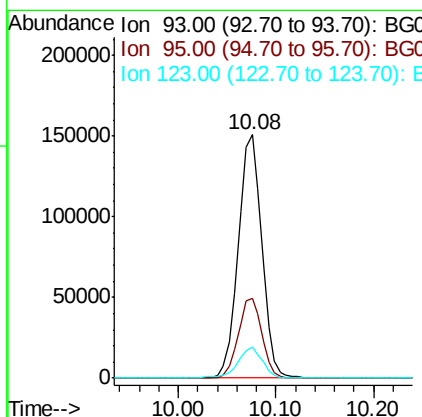
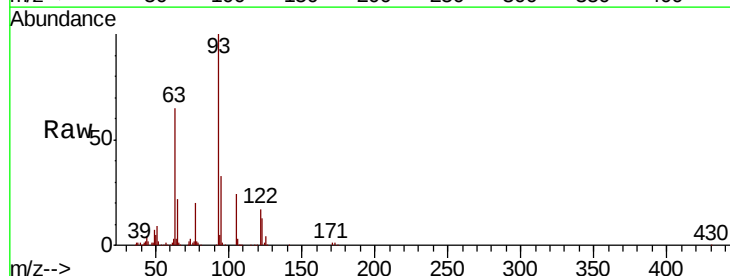
Manual Integrations
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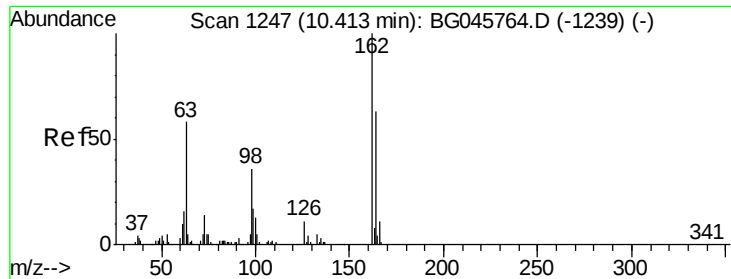
Sohil
7/7/2020 8:17:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.626 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.6
123	12.7	9.4	14.0





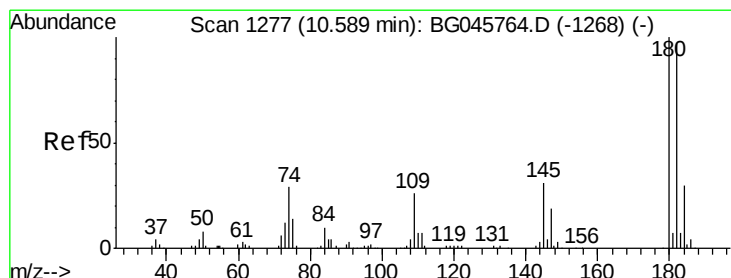
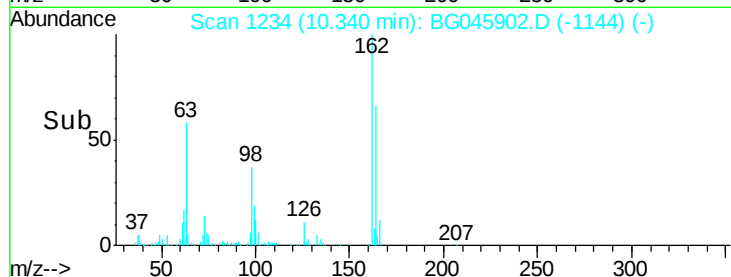
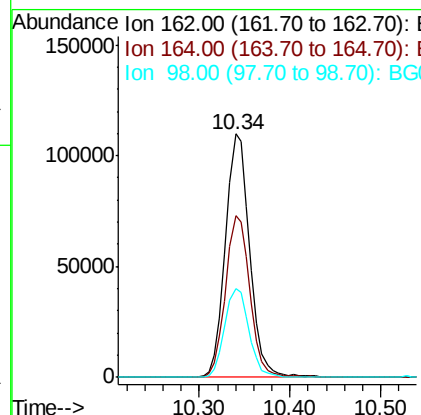
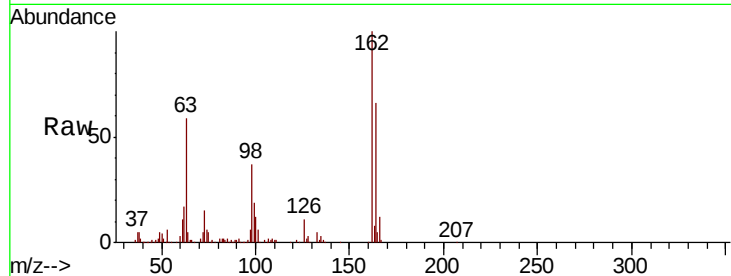
#29
 2,4-Dichlorophenol
 Concen: 43.762 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.4	50.3	90.3	
98	36.6	16.9	56.9	

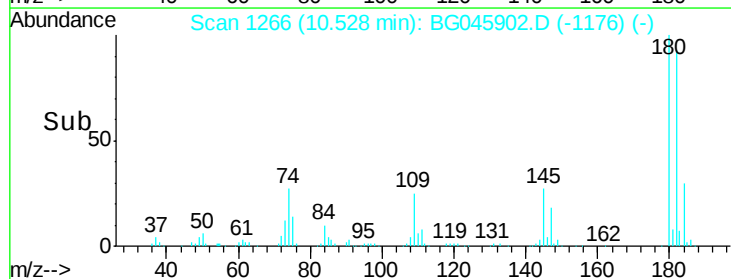
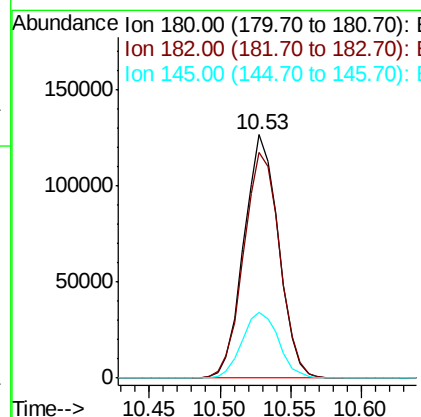
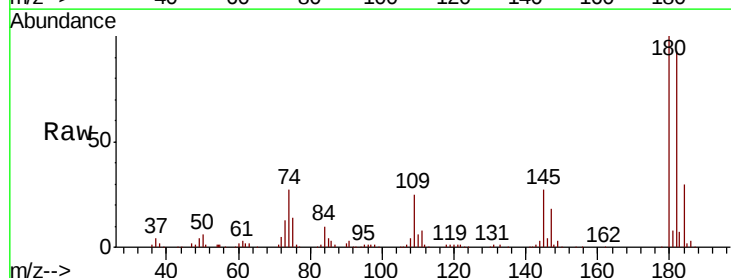
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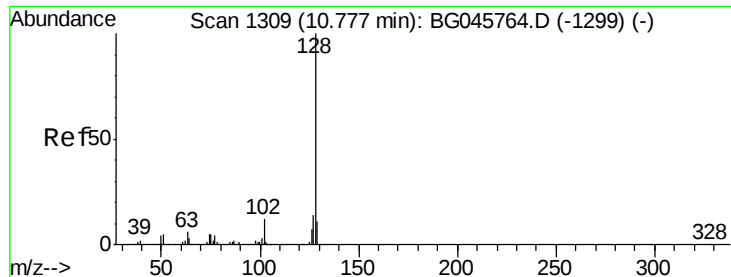
Sohil
 7/7/2020 8:17:33 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.547 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.6	75.0	112.4	
145	26.9	22.9	34.3	





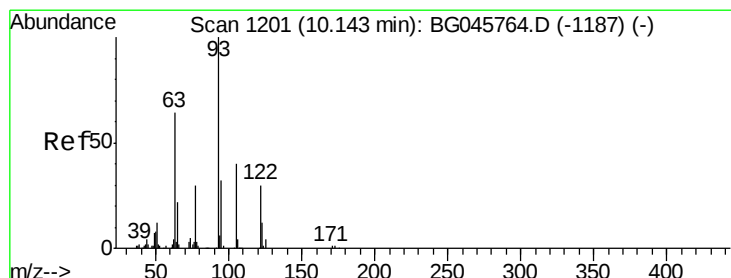
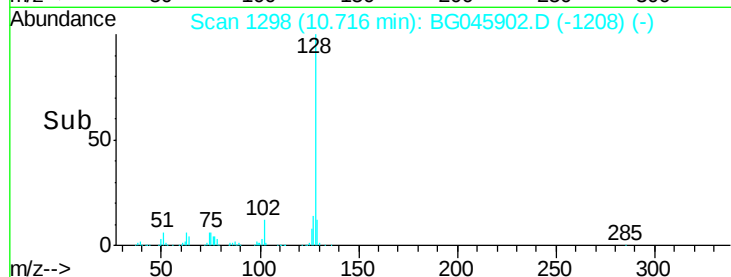
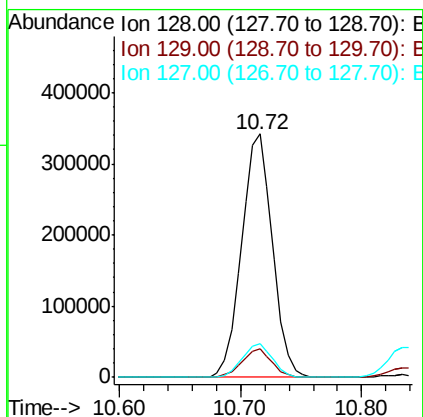
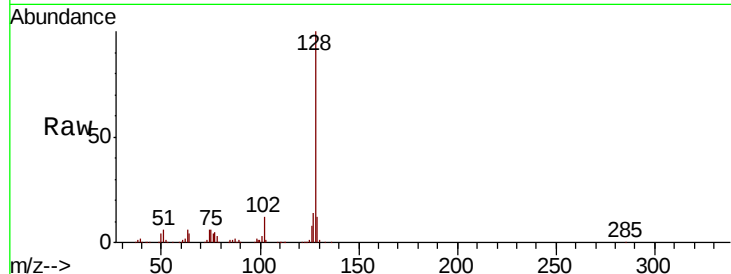
#31
Naphthalene
Concen: 41.279 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.6	11.1	16.7

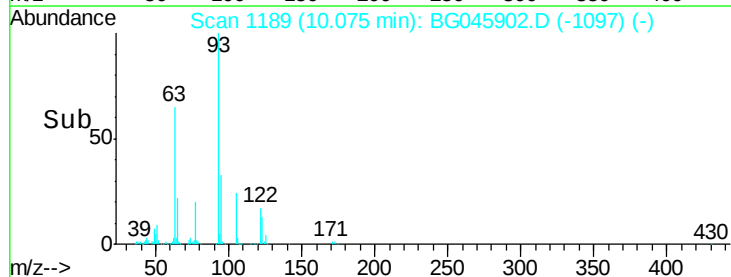
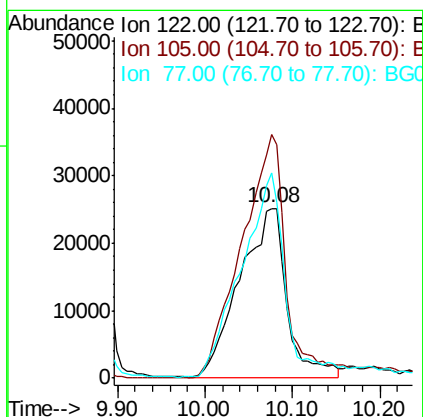
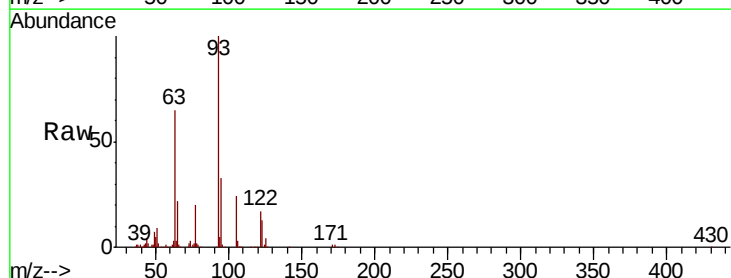
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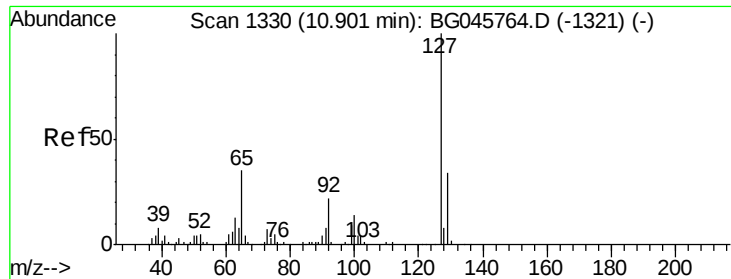
Sohil
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#32
Benzoic acid
Concen: 38.226 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.3	110.1	150.1
77	121.1	94.1	134.1





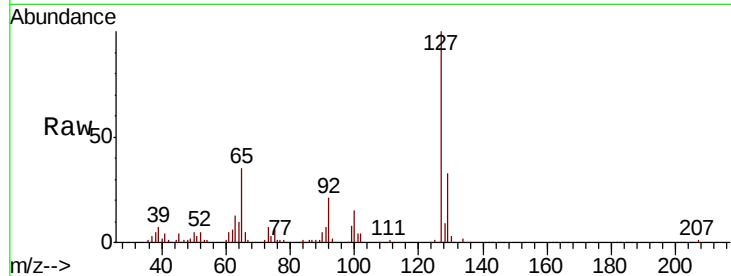
#33
4-Chloroaniline
Concen: 14.979 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

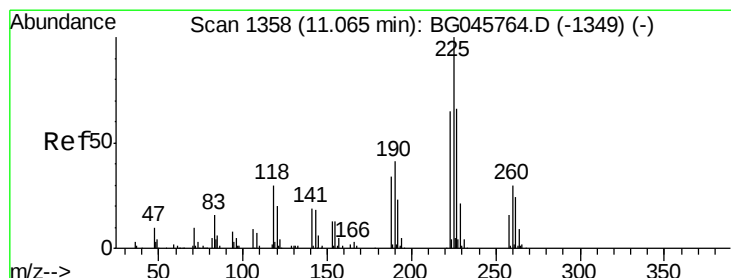
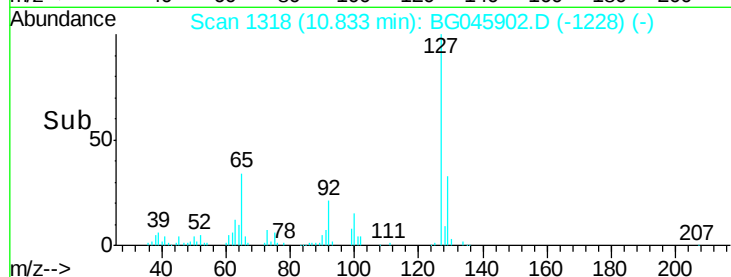
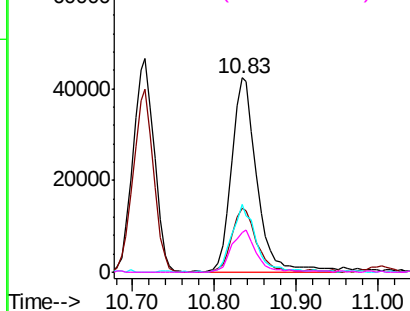
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.5	36.7
65	34.6	25.4	38.2
92	20.6	17.4	26.2

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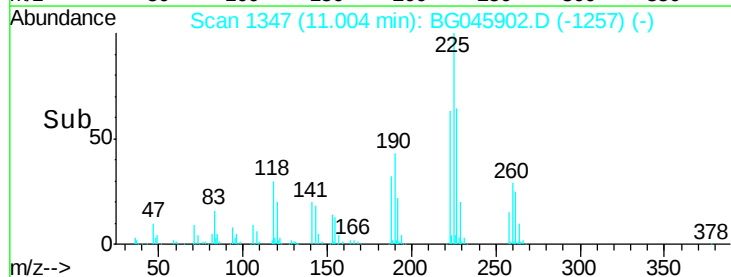
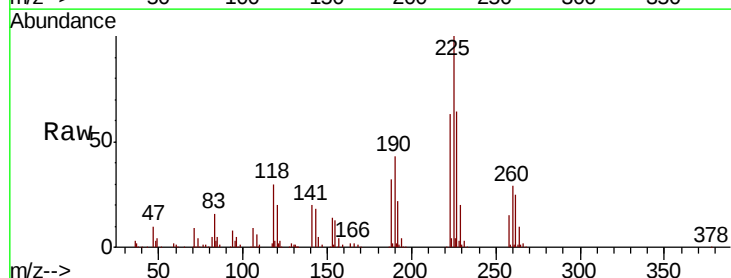
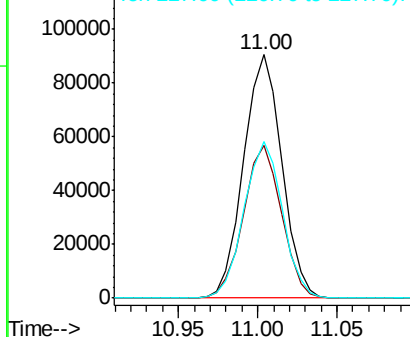
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

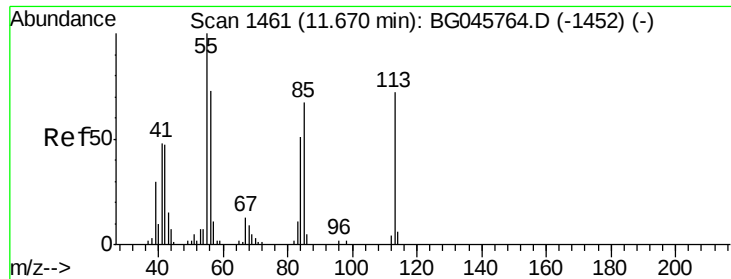


#34
Hexachlorobutadiene
Concen: 38.872 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.2	53.6	80.4

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.388 ng/ml

RT: 11.61 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion:113 Resp: 53260

Ion Ratio Lower Upper

113 100

55 138.4 126.8 166.8

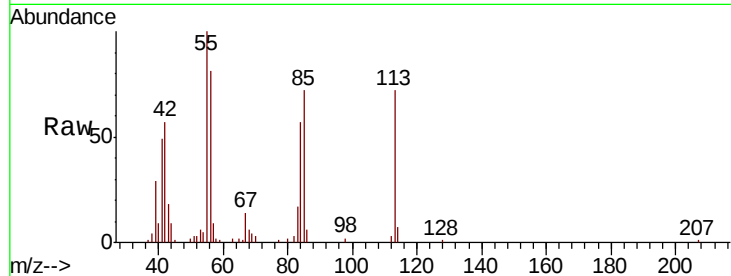
56 111.6 95.8 135.8

Manual Integrations

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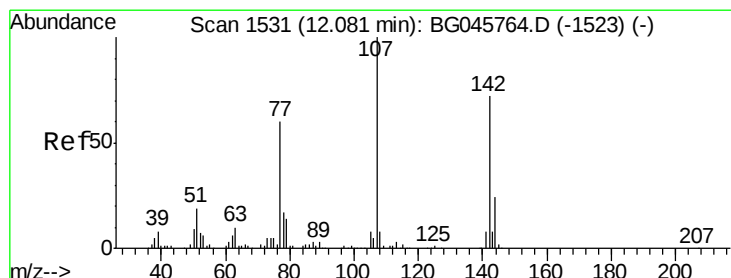
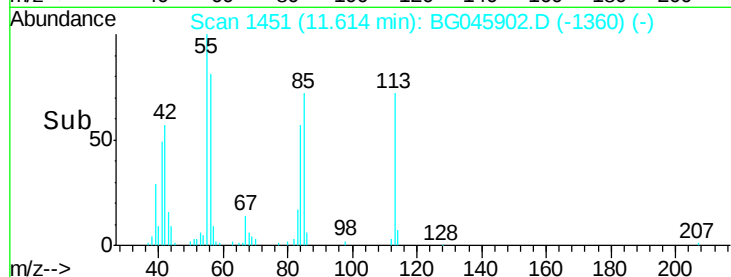
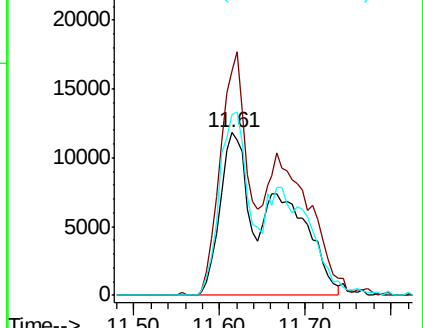
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.340 ng/ml

RT: 12.00 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion:107 Resp: 232732

Ion Ratio Lower Upper

107 100

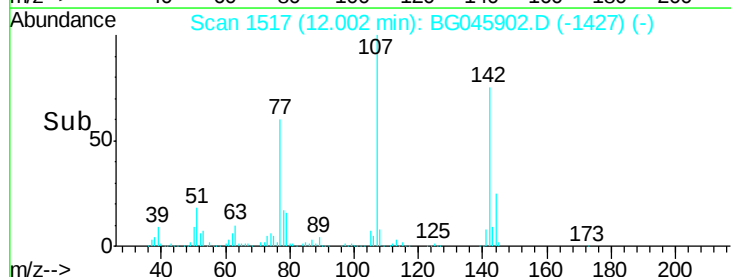
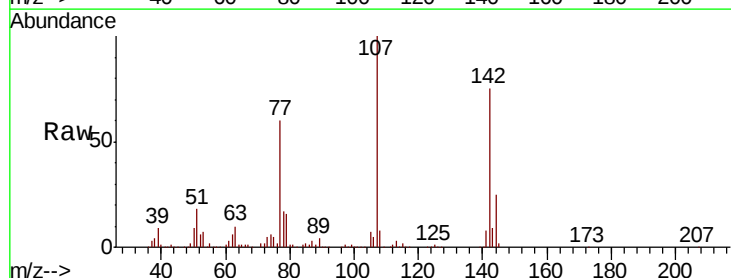
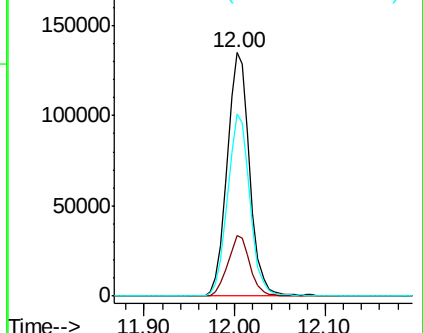
144 24.9 19.4 29.2

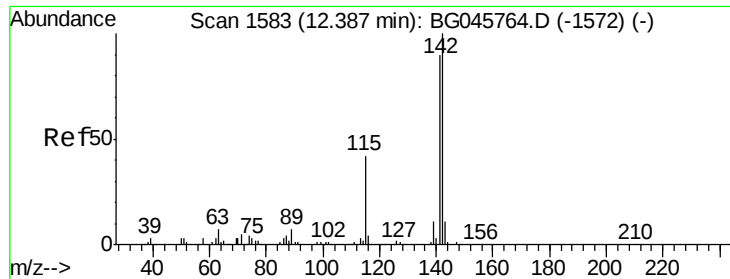
142 74.7 60.1 90.1

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





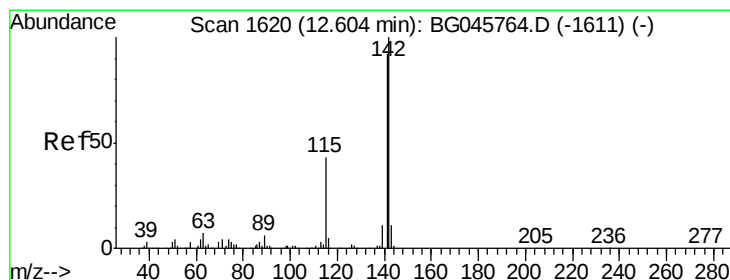
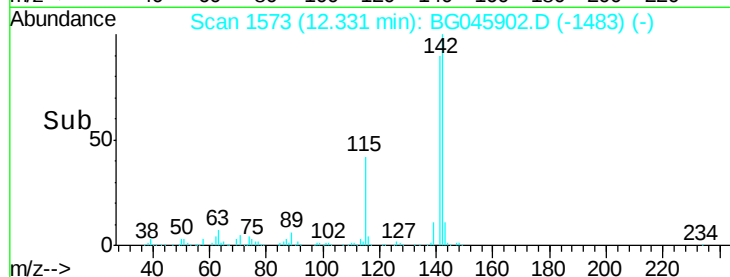
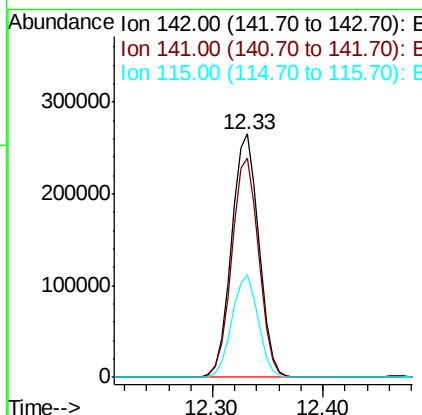
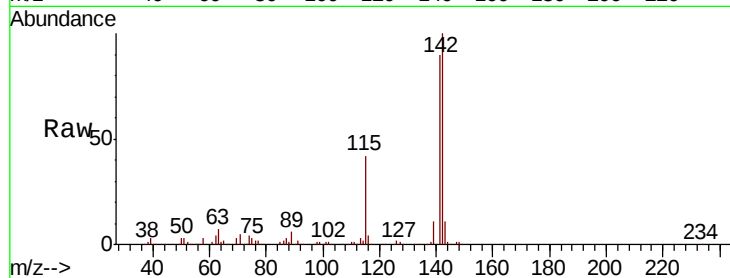
#37
2-Methylnaphthalene
Concen: 42.096 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.3	105.5
115	42.0	32.4	48.6

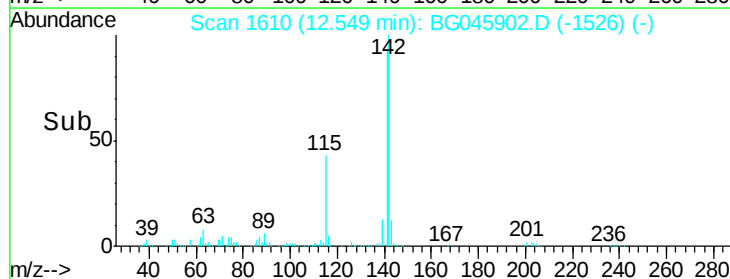
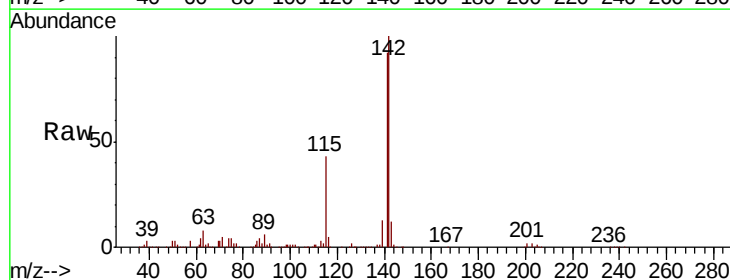
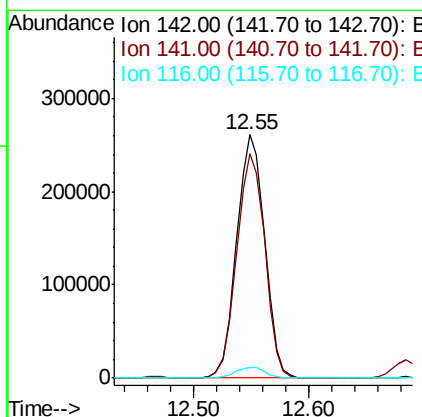
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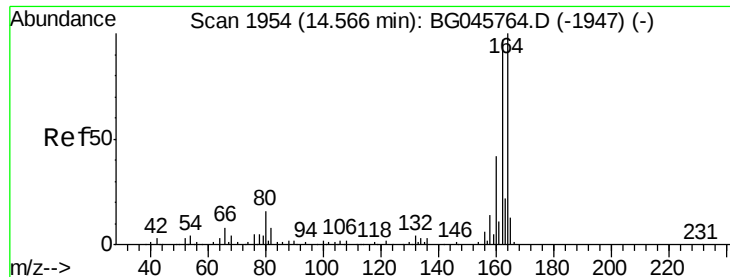
Sohil
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#38
1-Methylnaphthalene
Concen: 42.349 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.4
116	4.6	3.4	5.2





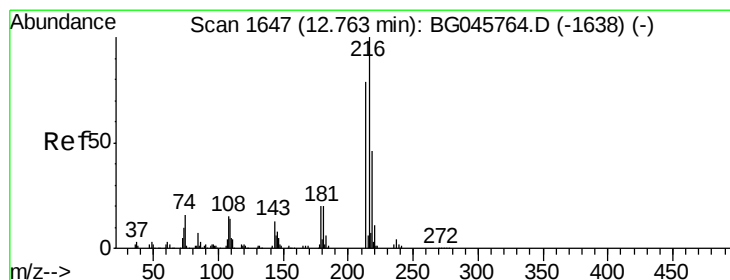
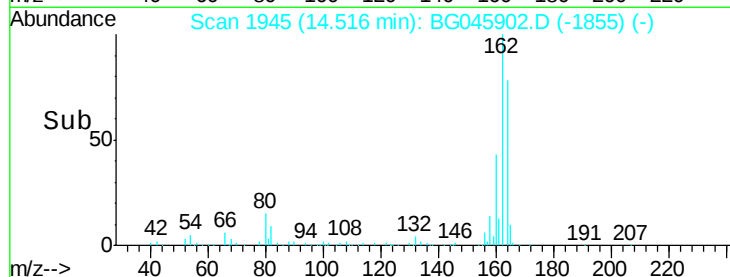
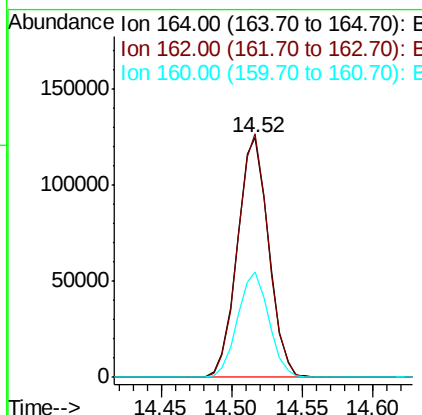
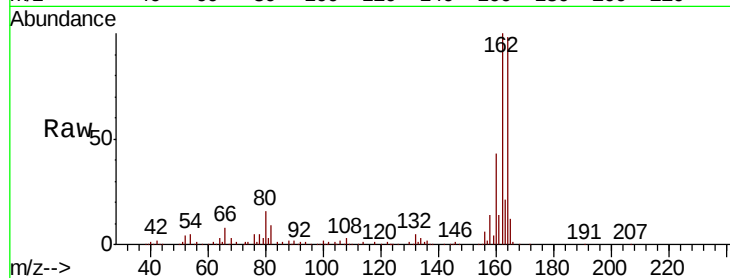
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	43.9	35.0	52.4

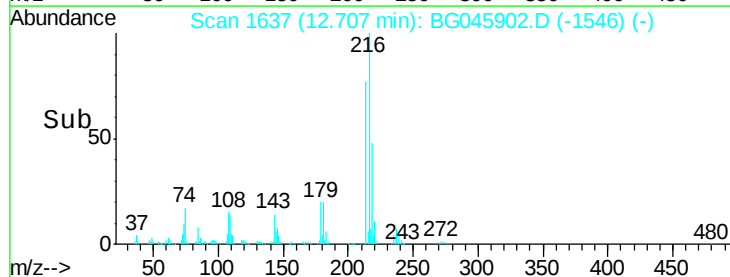
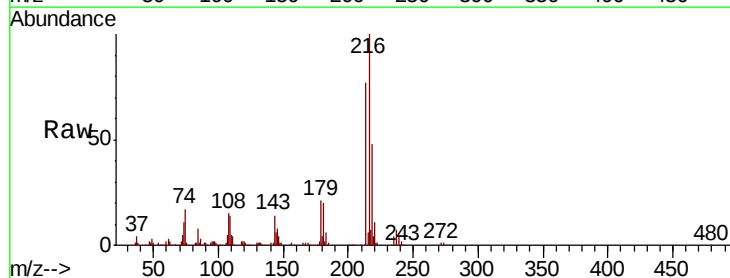
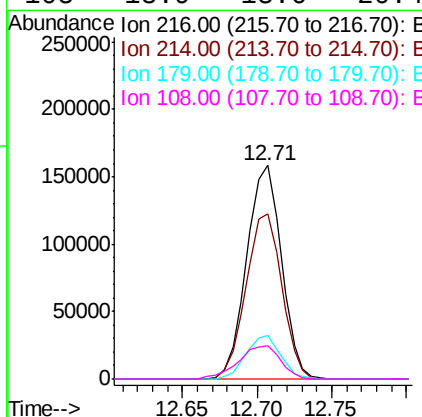
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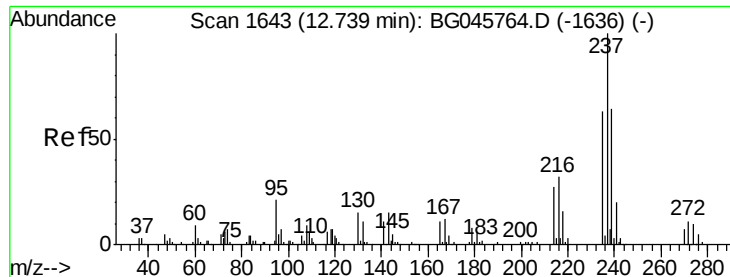
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.086 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.0	93.0
179	20.4	15.7	23.5
108	18.9	13.6	20.4





#41

Hexachlorocyclopentadiene

Concen: 73.568 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

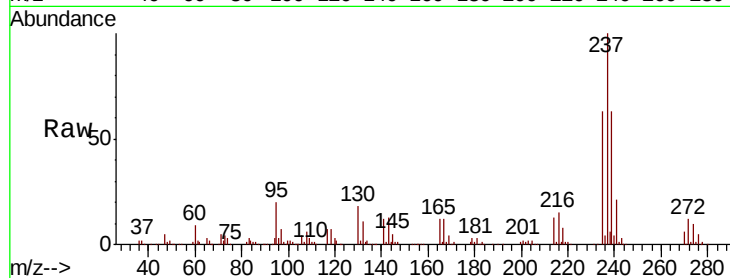
ClientSampleId :

CL-01-062420MSD

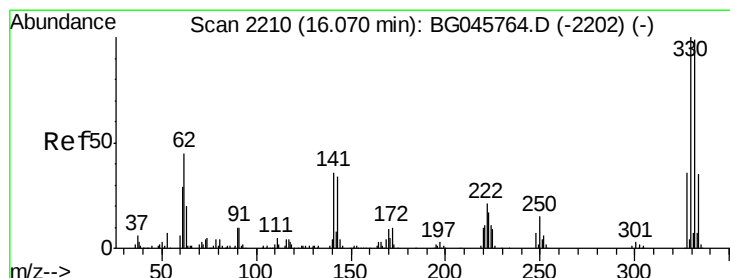
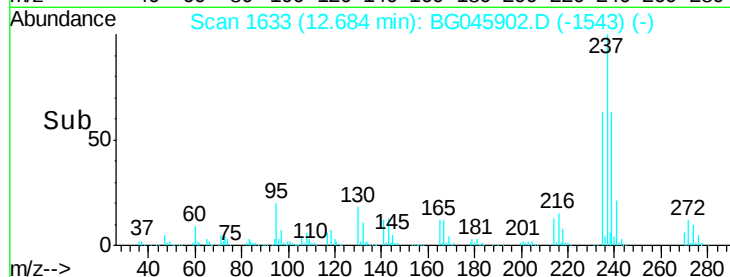
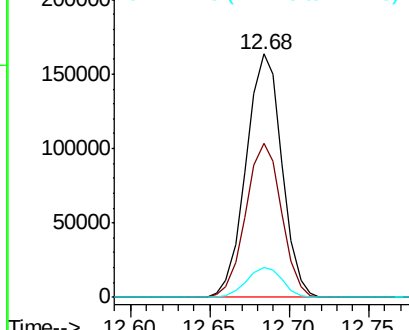
Tot Ion:	237	Resp:	256038
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.3	81.3
272	12.4	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 117.992 ng

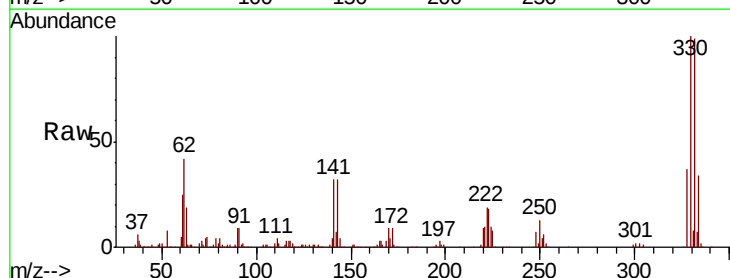
RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

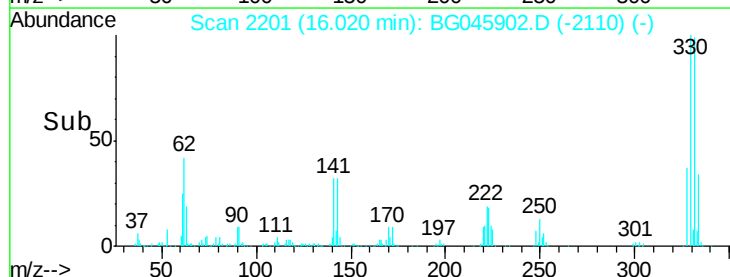
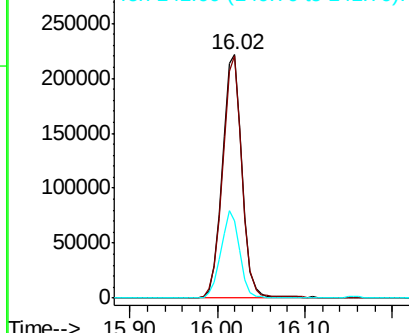
Lab File: BG045902.D

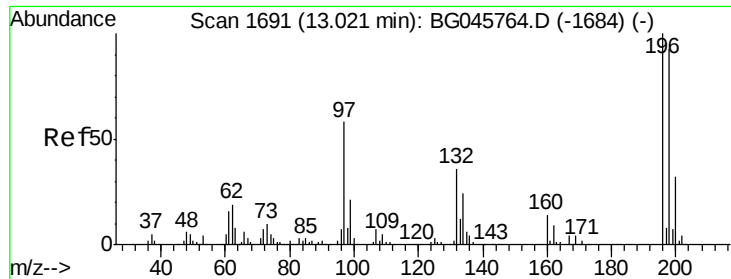
Acq: 1 Jul 2020 12:23

Tgt Ion:	330	Resp:	344406
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.6	114.8
141	34.4	27.7	41.5



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





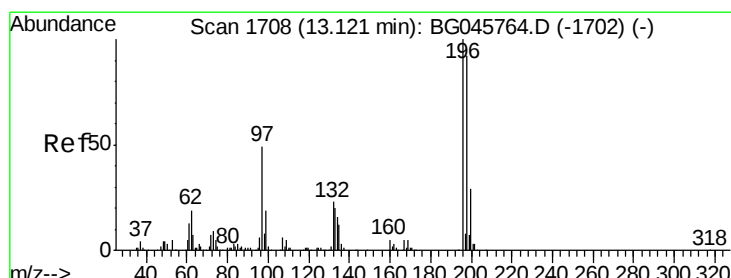
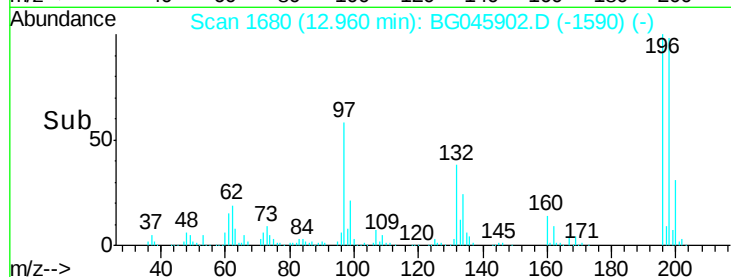
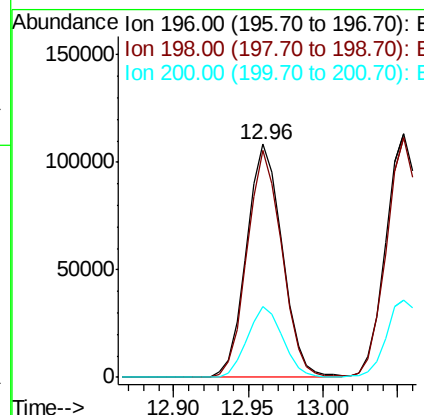
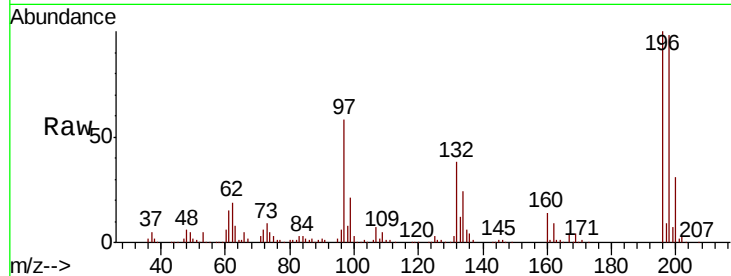
#43
 2,4,6-Trichlorophenol
 Concen: 41.615 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	179623		
198	97.6	73.4	110.0	
200	30.6	23.4	35.0	

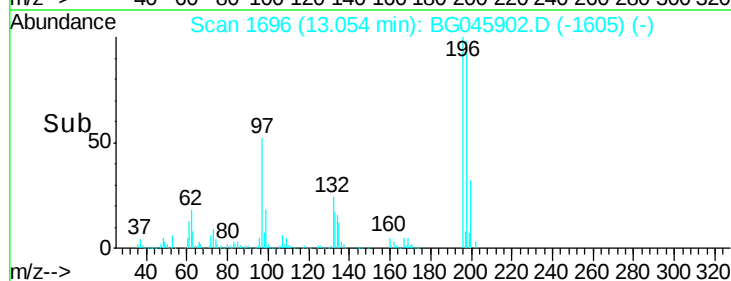
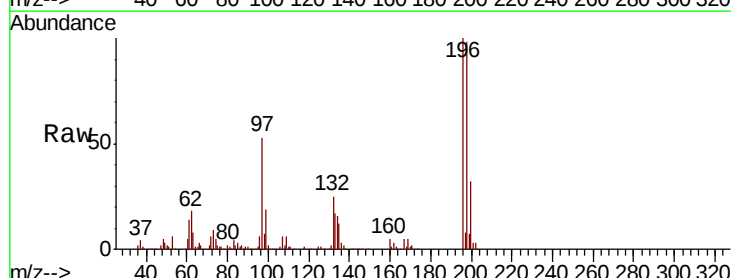
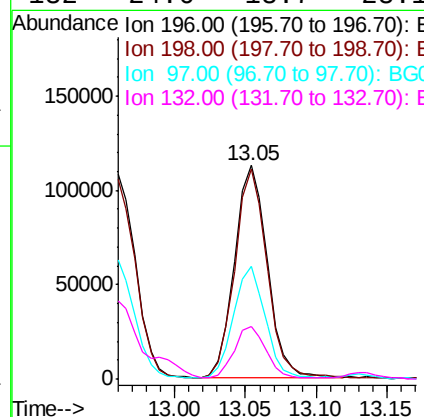
Manual Integrations
 APPROVED

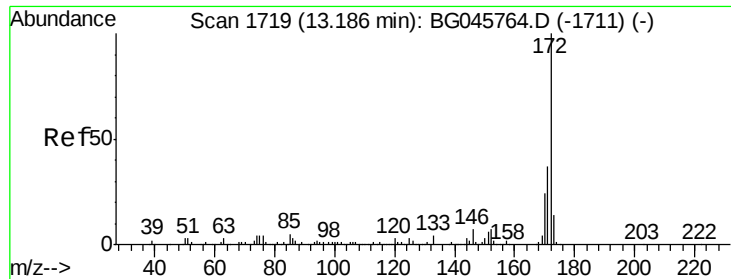
Sohil
 7/7/2020 8:17:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.160 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182803		
198	98.5	71.8	107.8	
97	52.8	37.8	56.8	
132	24.6	18.7	28.1	





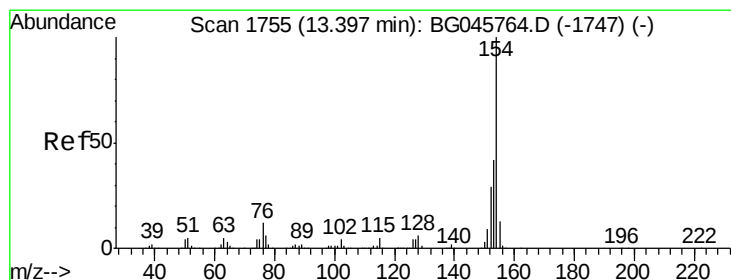
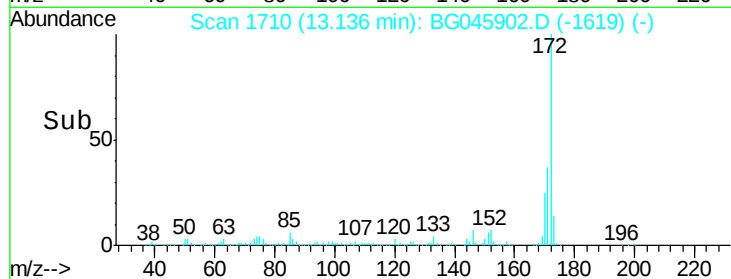
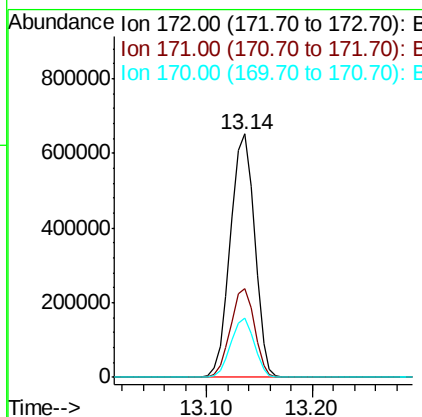
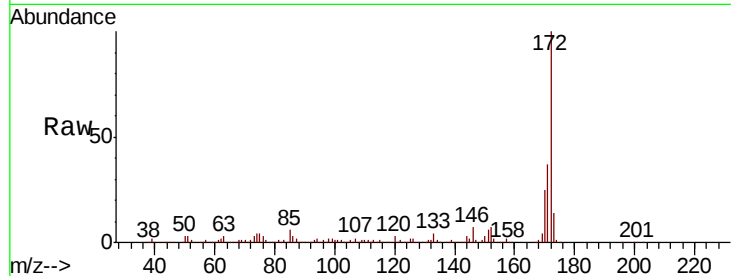
#45
 2-Fluorobiphenyl
 Concen: 78.297 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.6	19.1	28.7

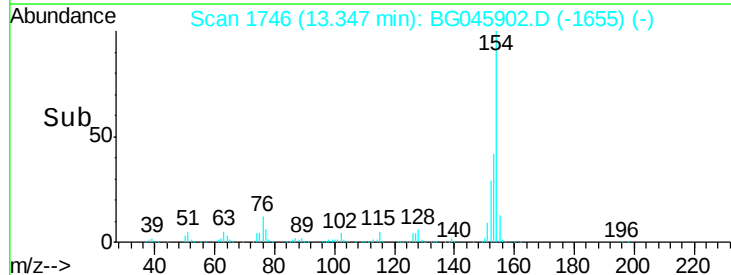
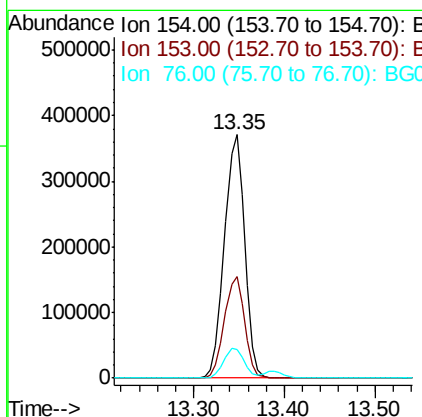
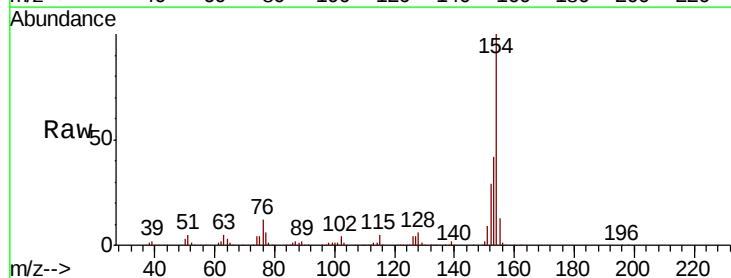
Manual Integrations
 APPROVED

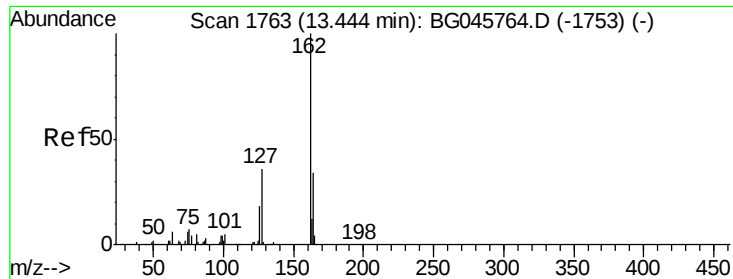
Sohil
 7/7/2020 8:17:33 AM



#46
 1,1'-Biphenyl
 Concen: 41.608 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.5	60.5
76	11.9	0.0	32.6





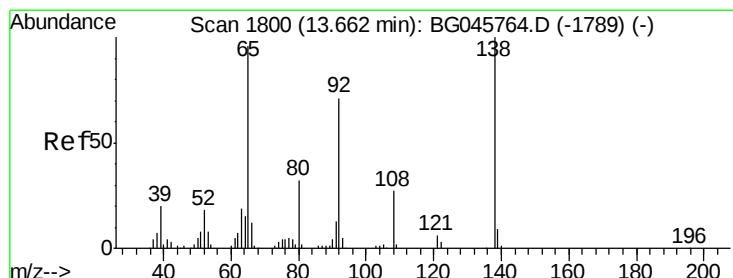
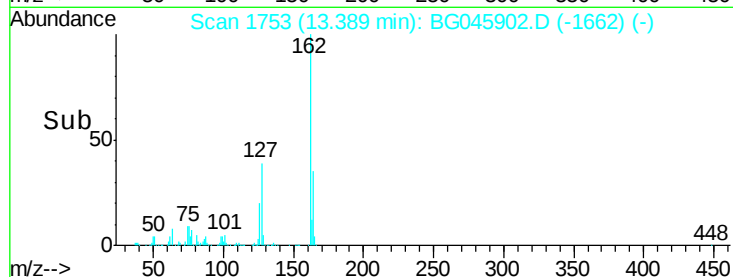
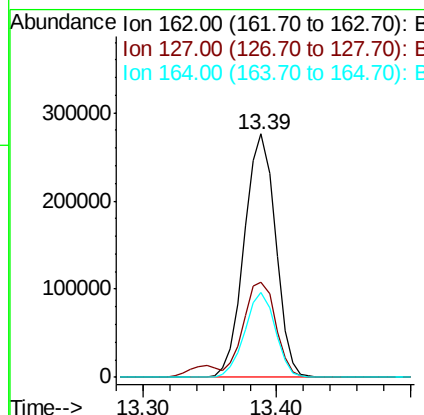
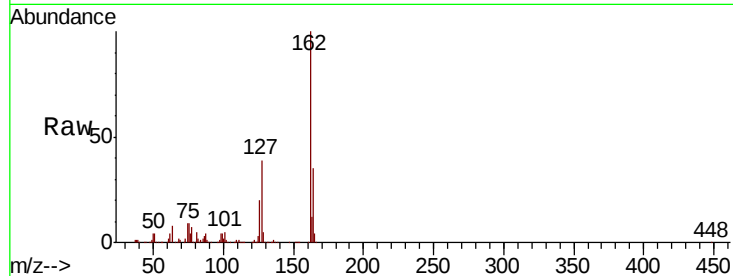
#47
2-Chloronaphthalene
Concen: 39.940 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.8	47.8
164	34.8	27.9	41.9

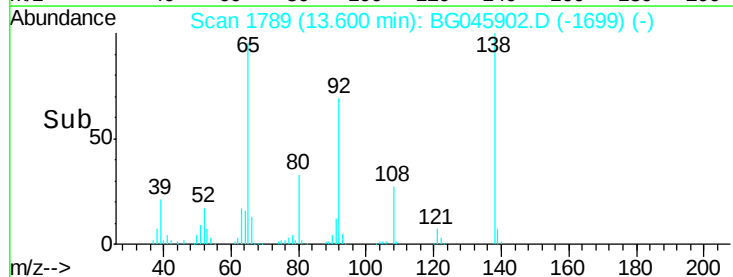
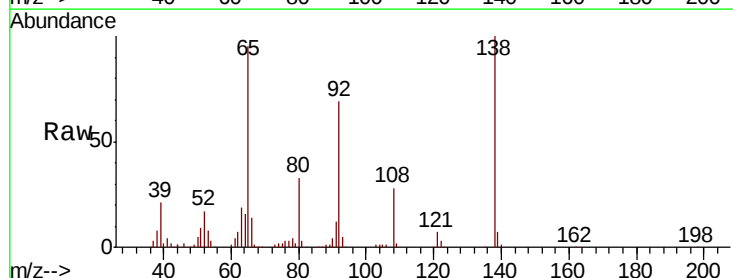
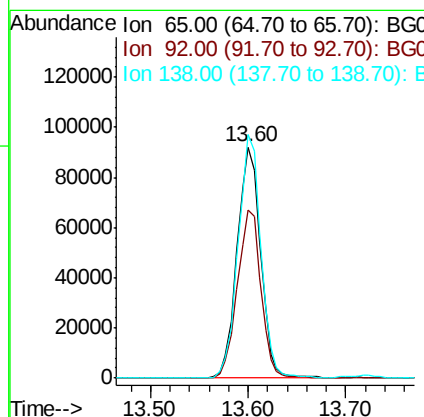
Manual Integrations
APPROVED

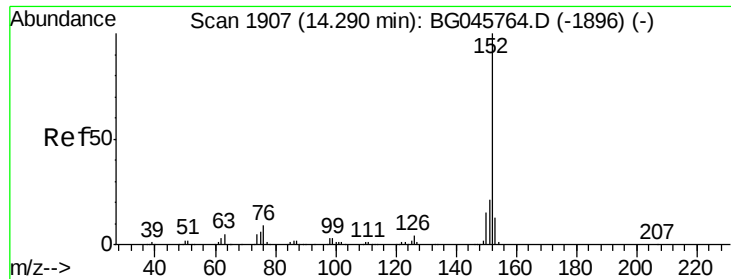
Sohil
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#48
2-Nitroaniline
Concen: 41.581 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	54.6	82.0
138	105.3	78.2	117.4





#49

Acenaphthylene

Concen: 40.674 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

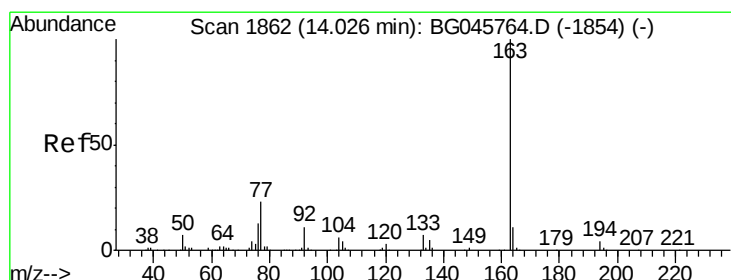
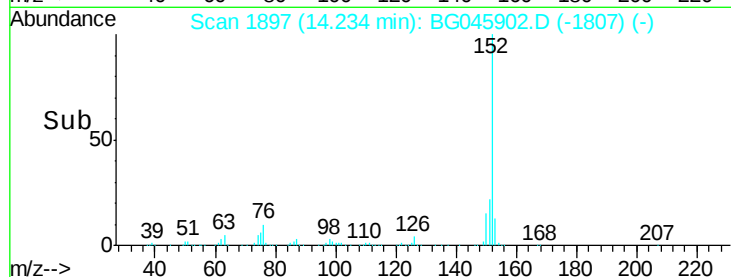
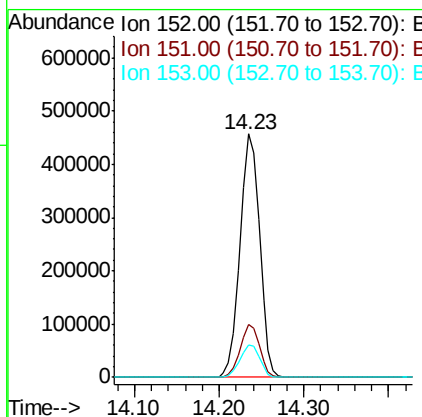
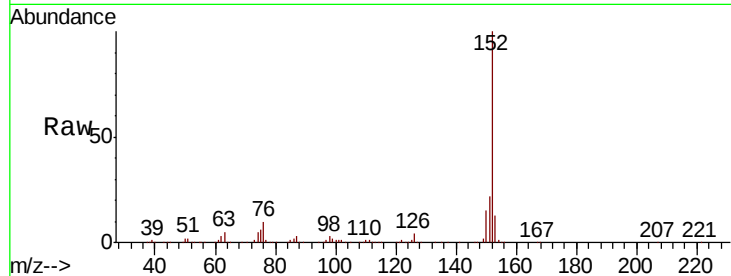
ClientSampleId :

CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		728455		
151	21.6	16.5	24.7		
153	13.2	11.0	16.4		

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.092 ng

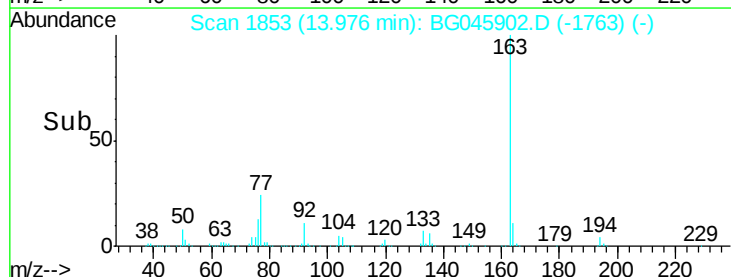
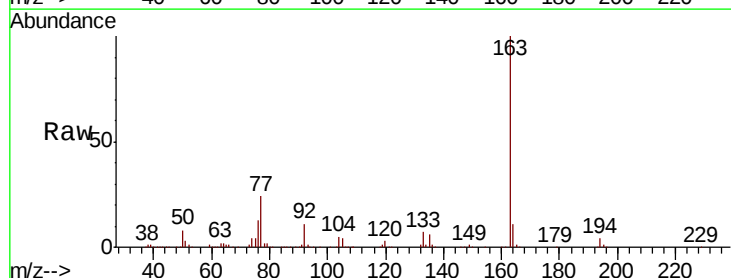
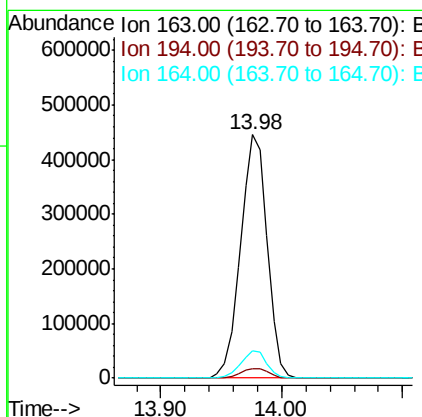
RT: 13.98 min Scan# 1853

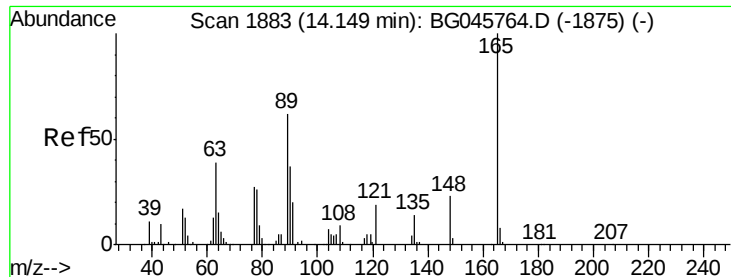
Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		682971		
194	4.1	3.3	4.9		
164	11.3	8.8	13.2		





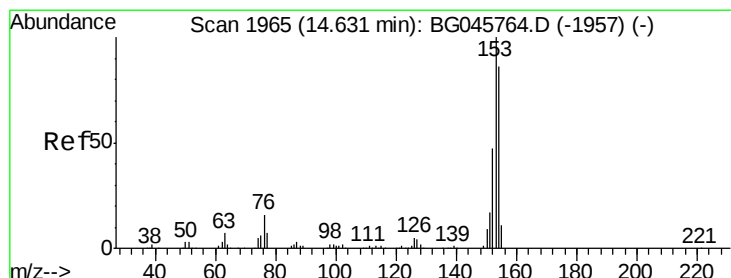
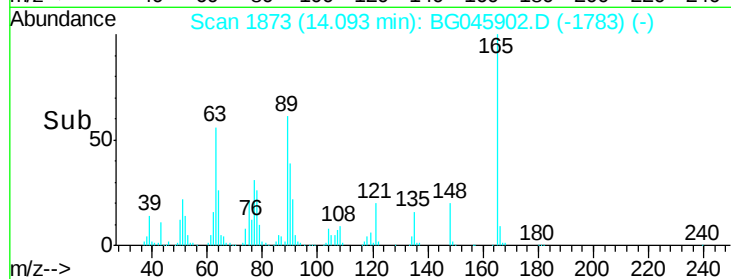
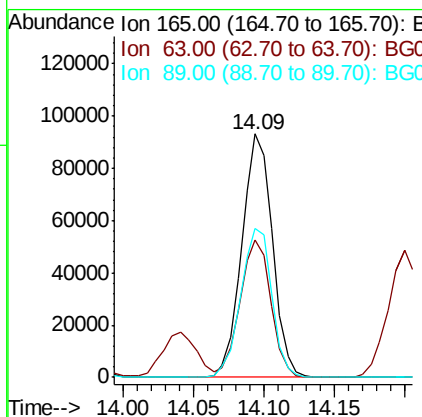
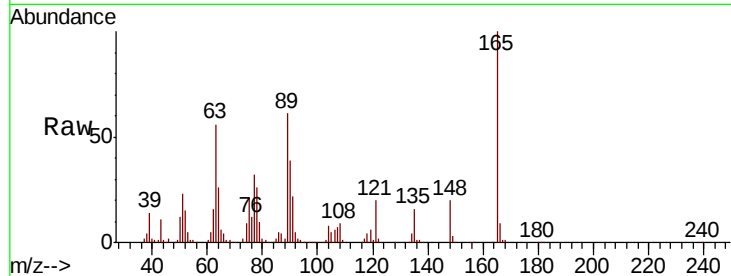
#51
2,6-Dinitrotoluene
Concen: 41.487 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	45.6	68.4
89	61.2	52.8	79.2

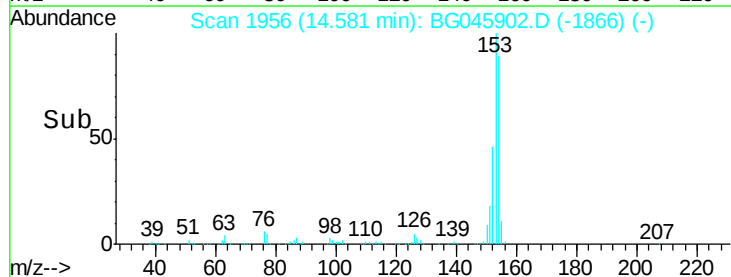
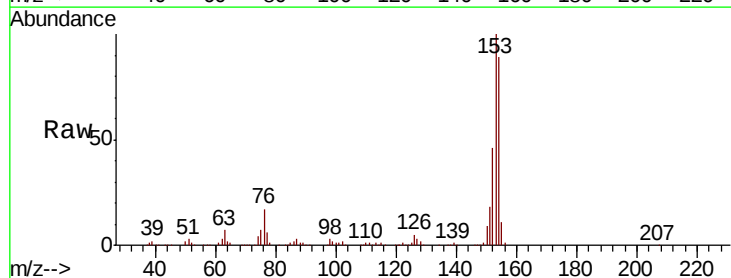
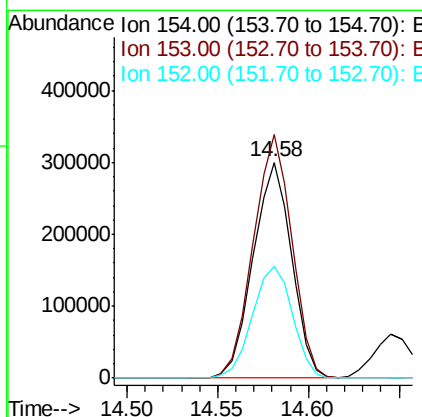
Manual Integrations
APPROVED

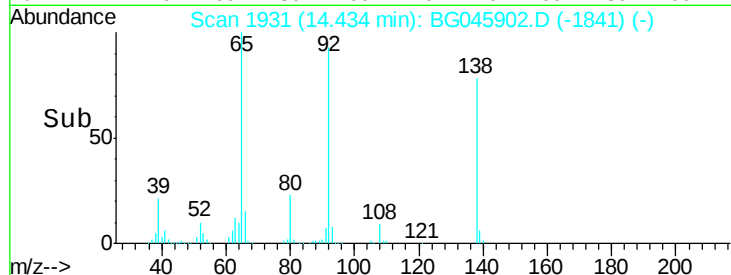
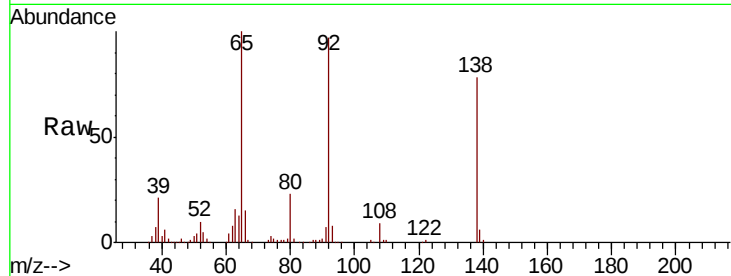
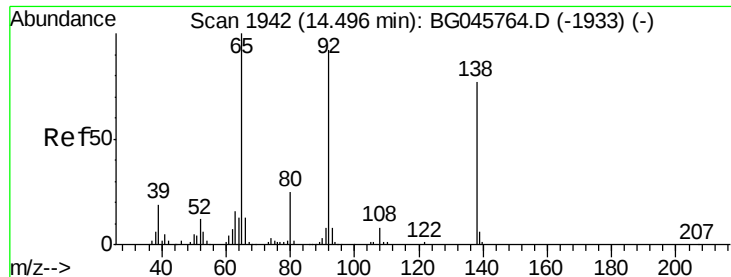
Sohil
7/7/2020 8:17:33 AM



#52
Acenaphthene
Concen: 40.714 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.4	138.6
152	51.9	41.9	62.9





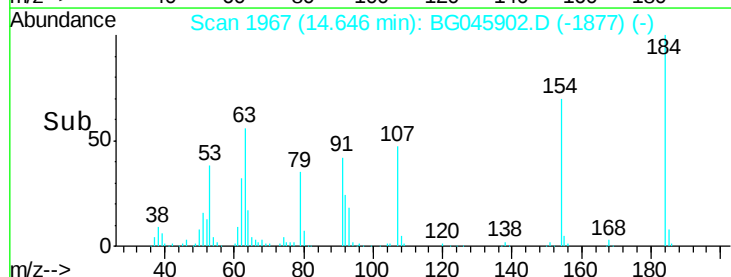
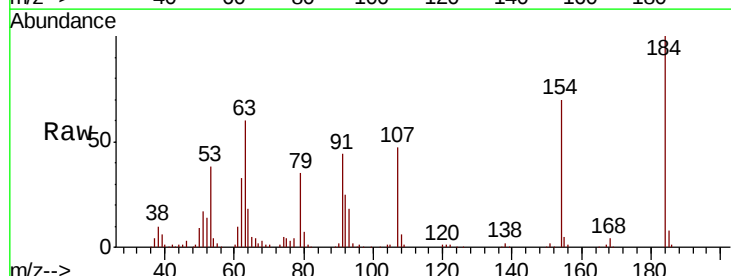
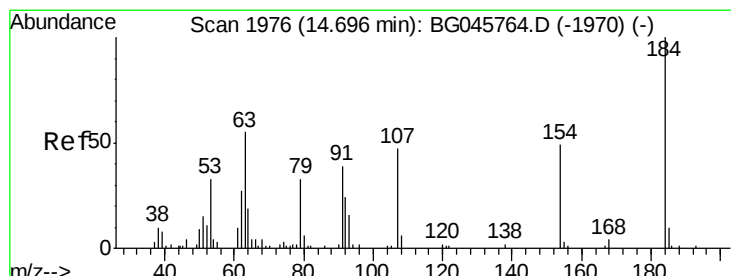
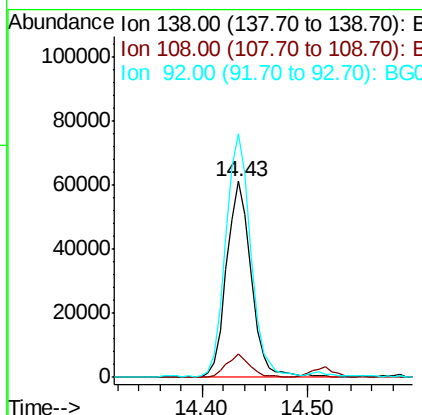
#53
3-Nitroaniline
Concen: 29.104 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion:138 Resp: 98894
Ion Ratio Lower Upper
138 100
108 12.0 9.3 13.9
92 124.4 101.3 151.9

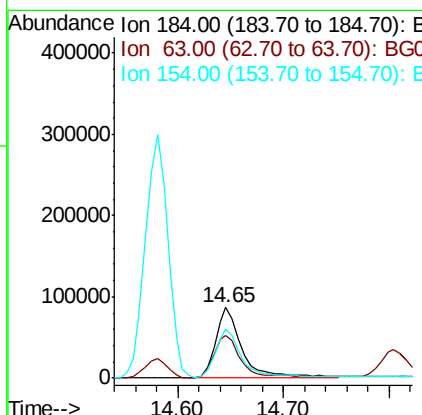
Manual Integrations
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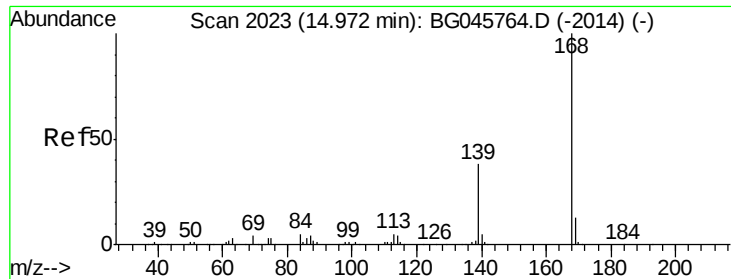
Sohil
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#54
2,4-Dinitrophenol
Concen: 80.989 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion:184 Resp: 153502
Ion Ratio Lower Upper
184 100
63 60.1 51.9 77.9
154 69.6 60.7 91.1





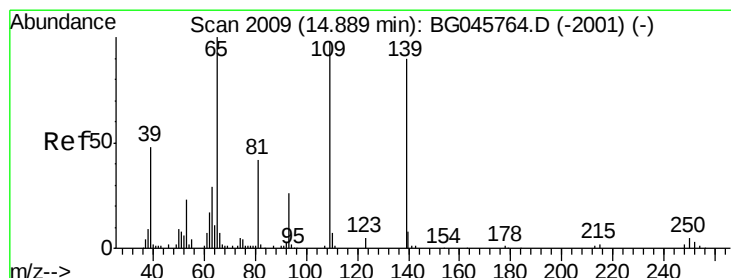
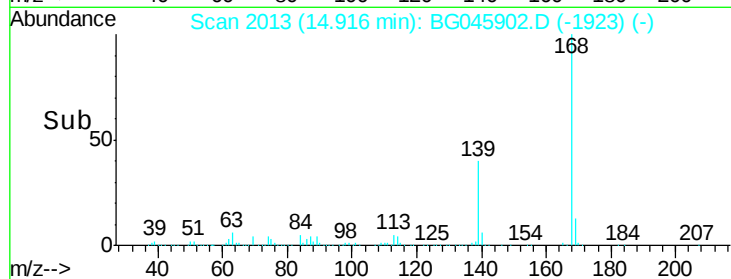
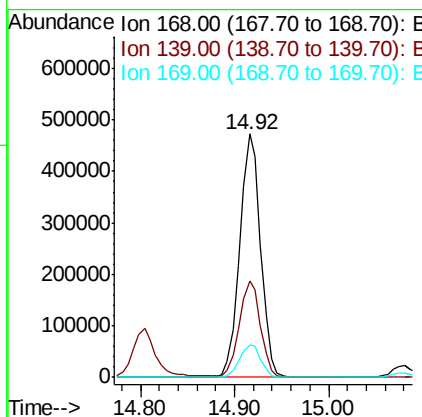
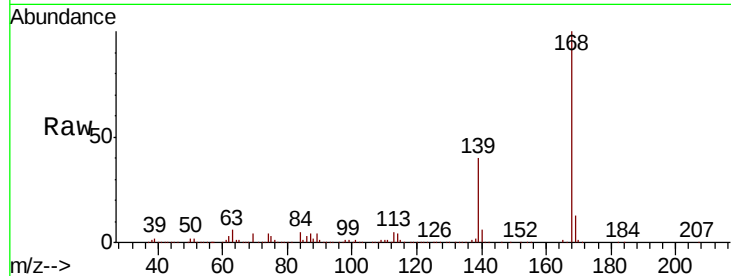
#55
Dibenzofuran
Concen: 40.911 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.4	47.2
169	13.2	10.4	15.6

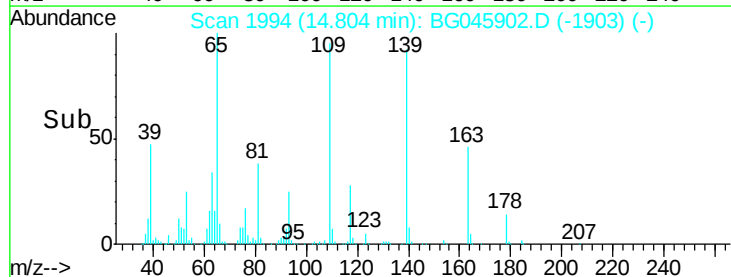
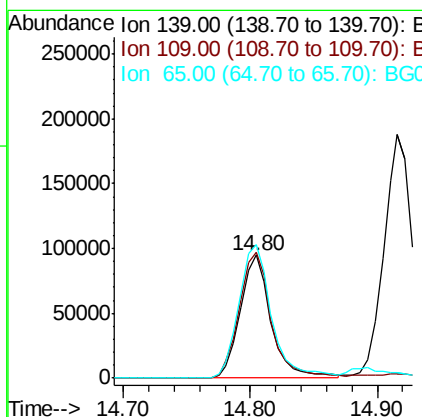
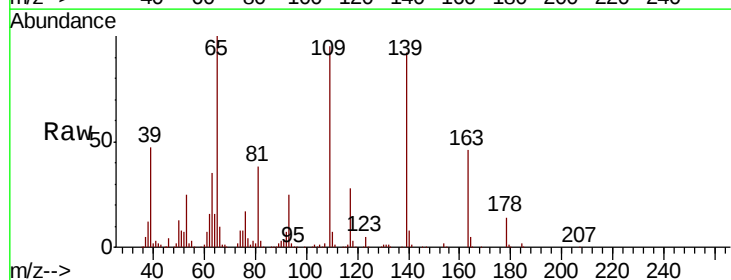
Manual Integrations
APPROVED

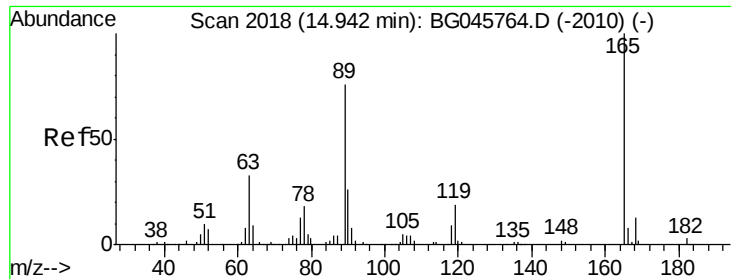
Sohil
7/7/2020 8:17:33 AM



#56
4-Nitrophenol
Concen: 66.755 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.7	83.9	123.9
65	108.2	87.8	127.8





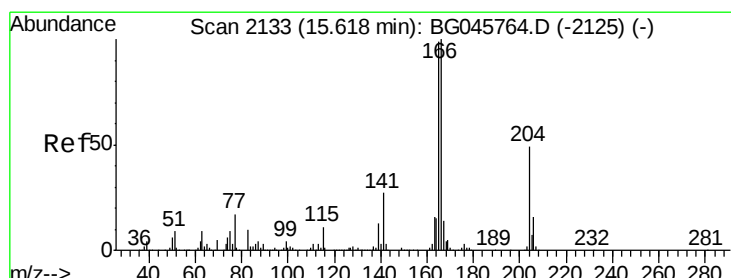
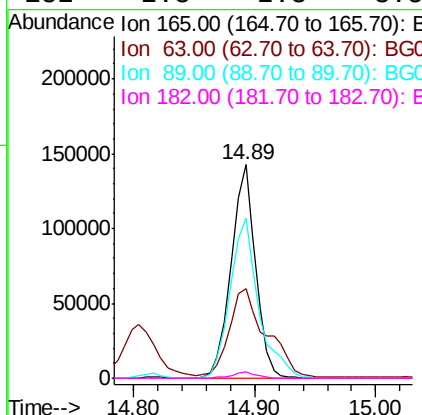
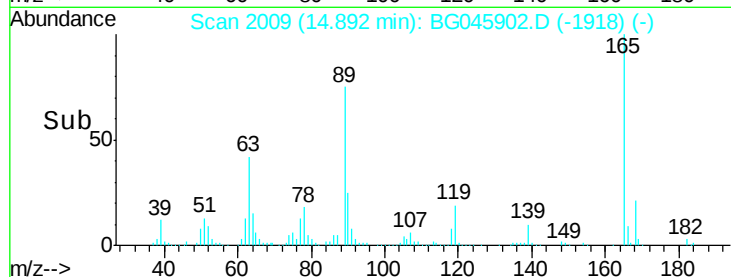
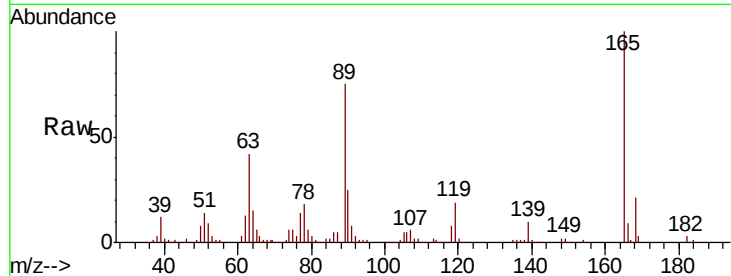
#57
2,4-Dinitrotoluene
Concen: 41.302 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		201310		
63	42.1	35.2	52.8		
89	75.1	61.4	92.2		
182	2.8	2.3	3.5		

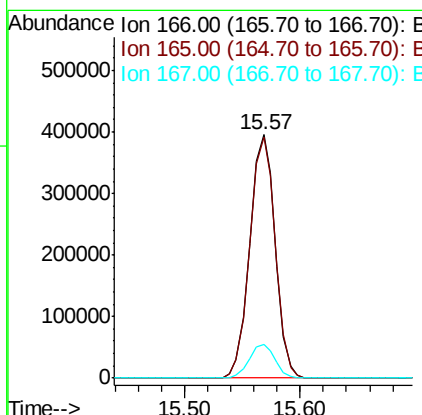
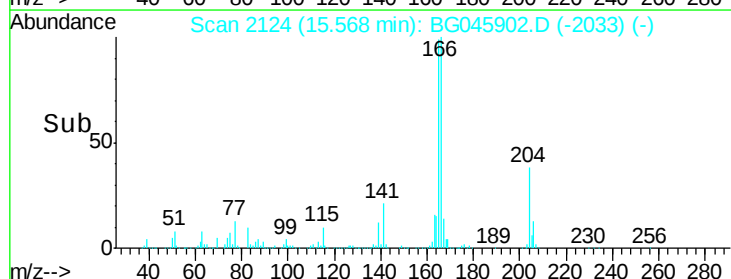
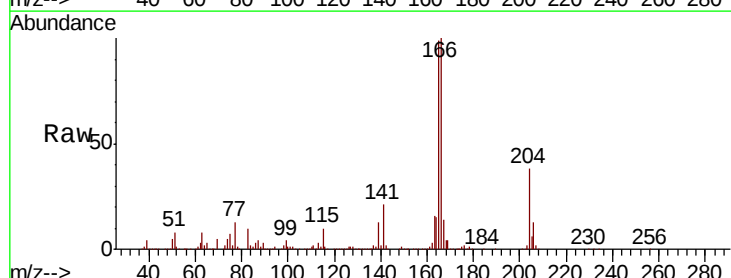
Manual Integrations
APPROVED

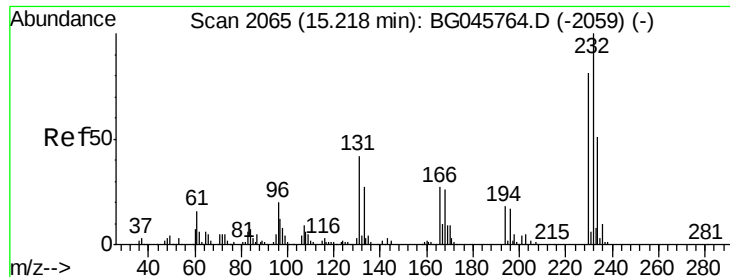
Sohil
7/7/2020 8:17:33 AM



#58
Fluorene
Concen: 41.266 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		605132		
165	98.9	78.2	117.2		
167	13.6	11.3	16.9		





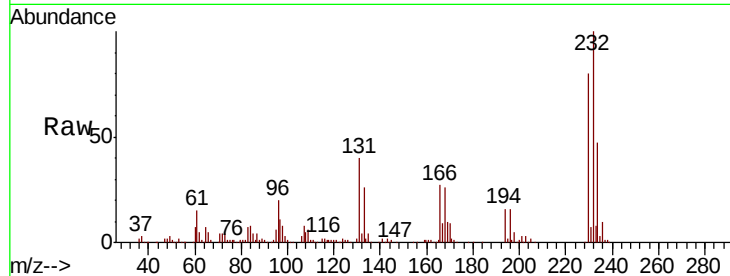
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.359 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	31.8	47.8
130	2.9	2.2	3.4
166	28.6	22.5	33.7

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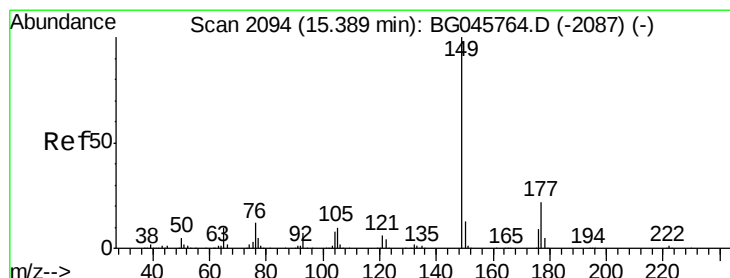
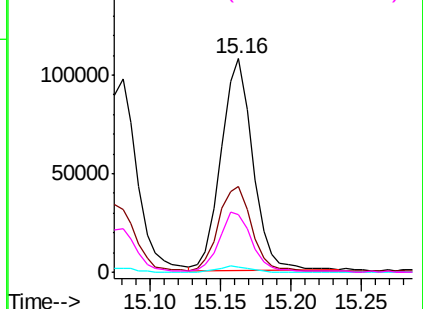
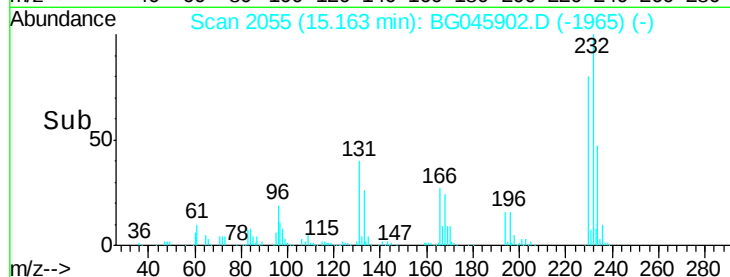


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

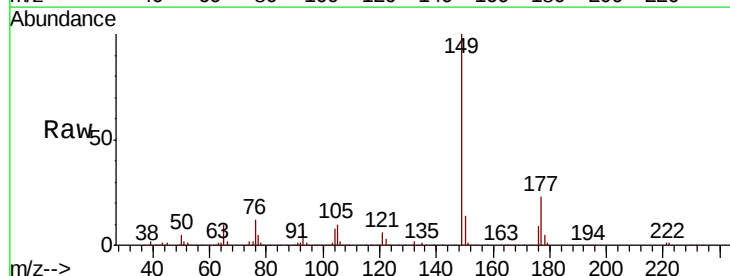
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.348 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

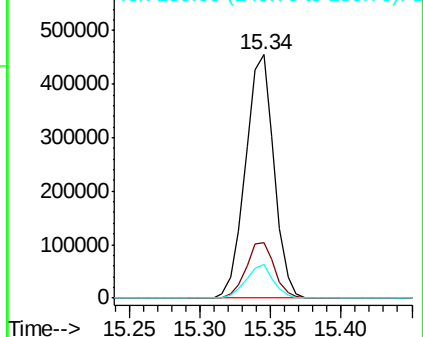
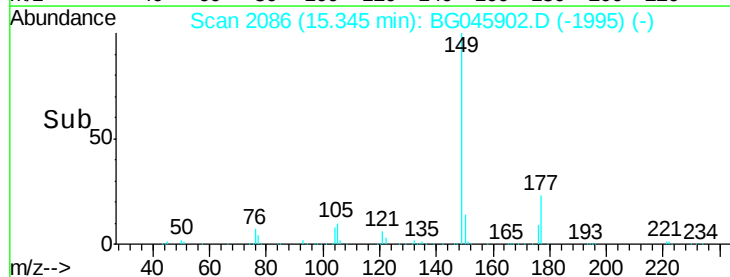
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.0	27.0
150	13.8	10.4	15.6

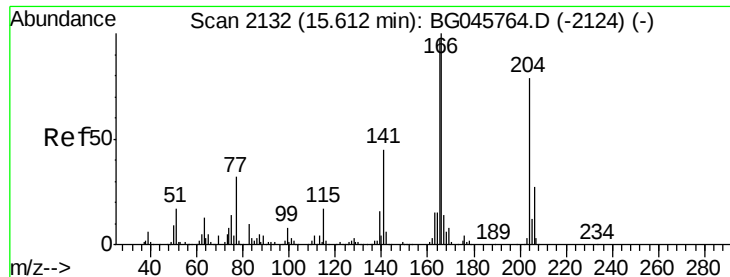


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





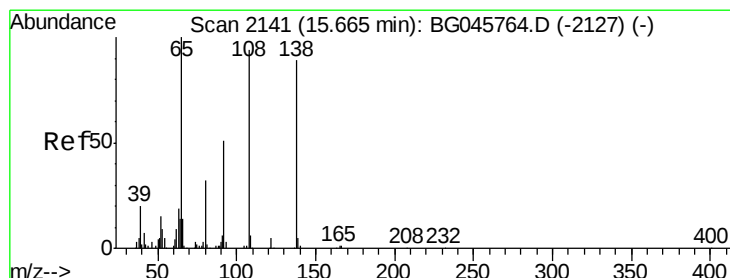
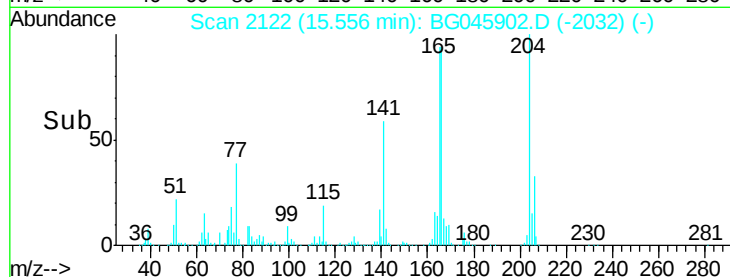
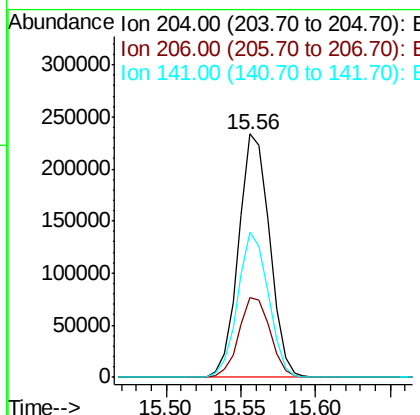
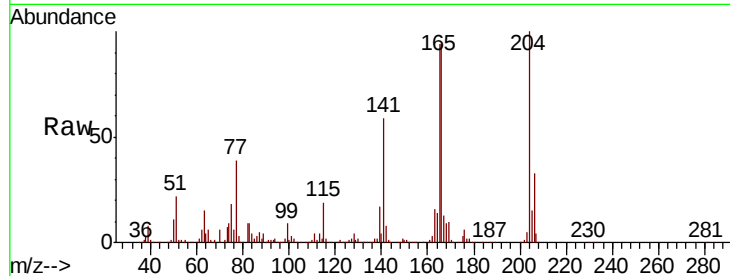
#61
 4-Chlorophenyl-phenylether
 Concen: 39.875 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion:	204	Resp:	337025
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	59.3	47.1	70.7

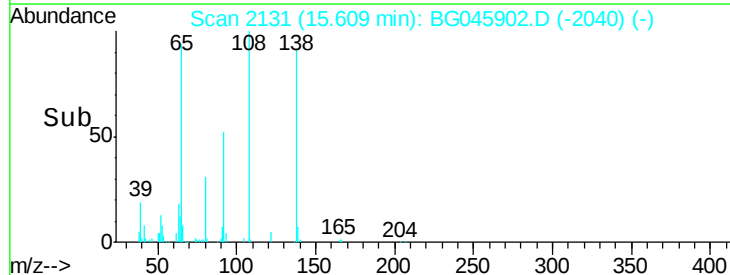
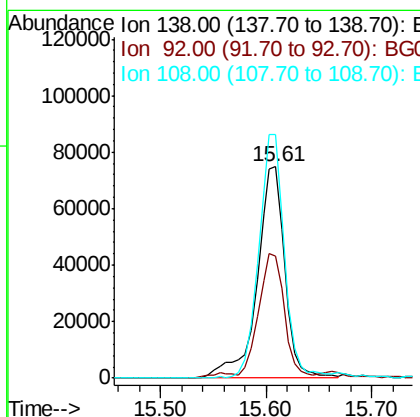
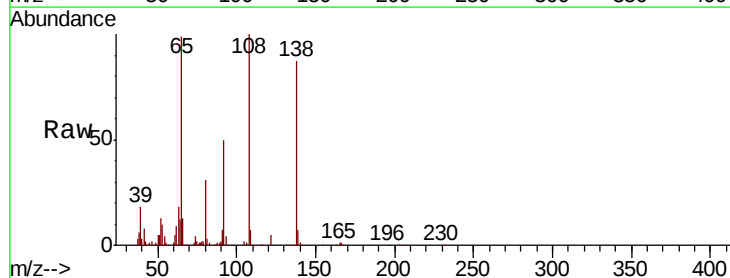
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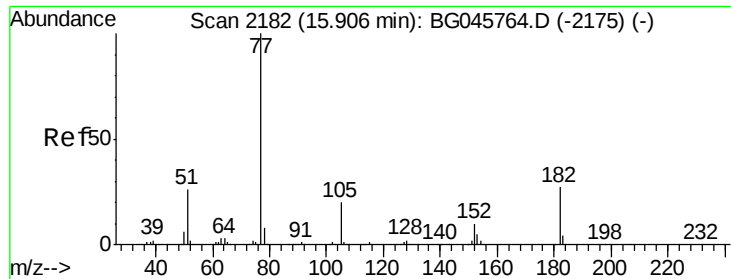
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#62
 4-Nitroaniline
 Concen: 39.436 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion:	138	Resp:	137525
Ion Ratio	Lower	Upper	
138	100		
92	57.9	38.5	78.5
108	115.0	85.0	125.0





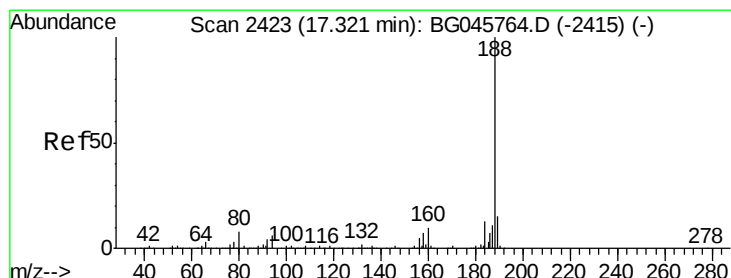
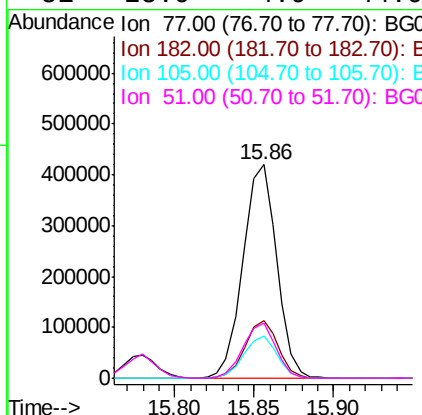
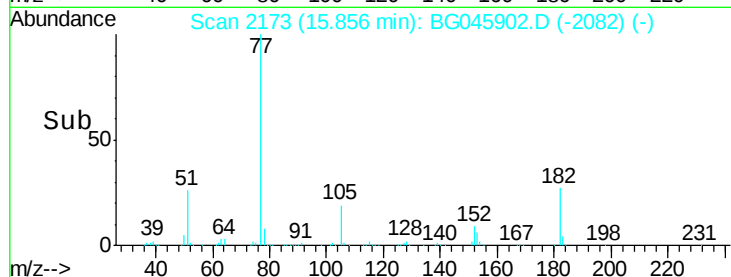
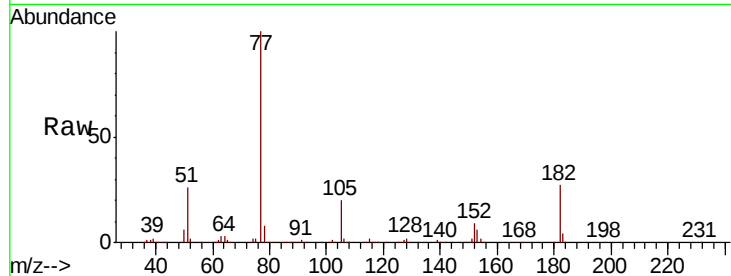
#63
Azobenzene
Concen: 41.522 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	5.1	45.1
105	19.8	0.0	38.4
51	25.9	4.9	44.9

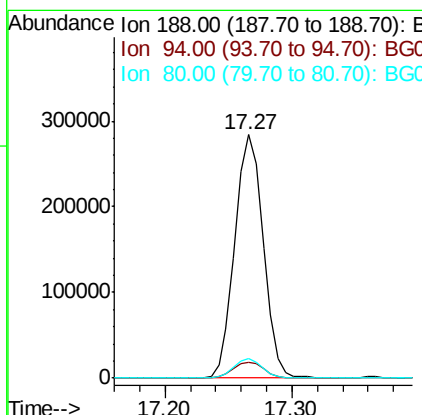
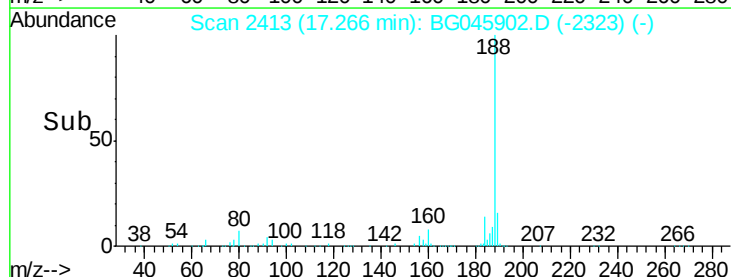
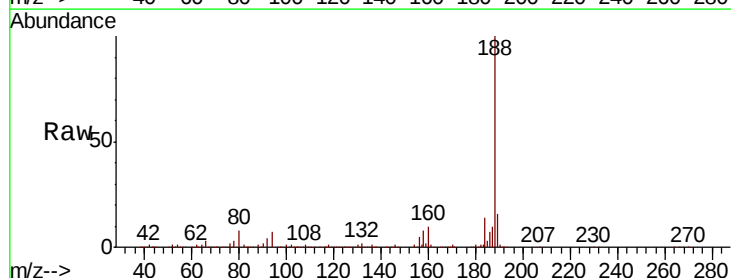
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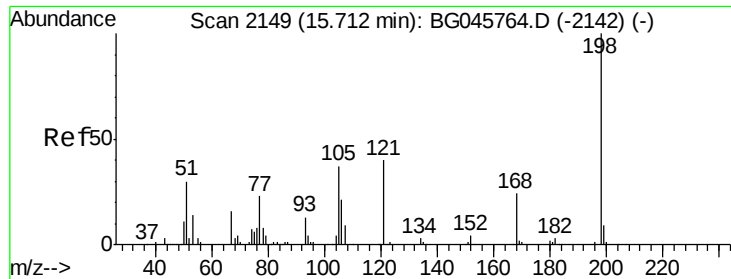
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.9	6.6	10.0





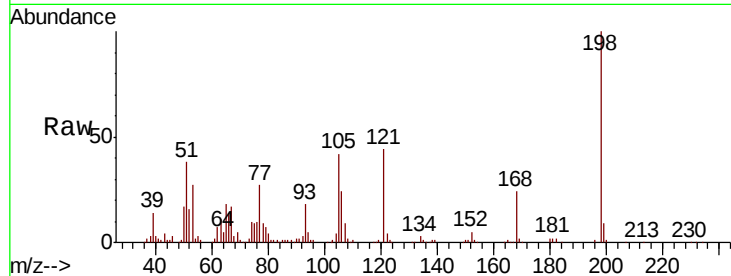
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.216 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

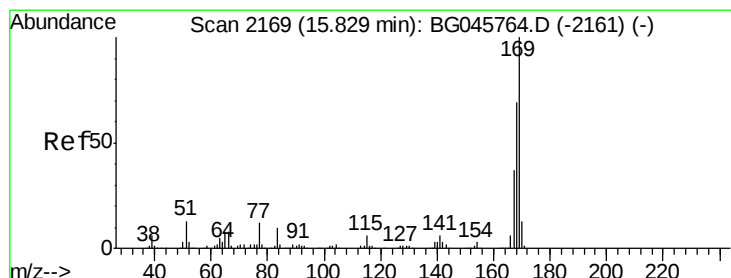
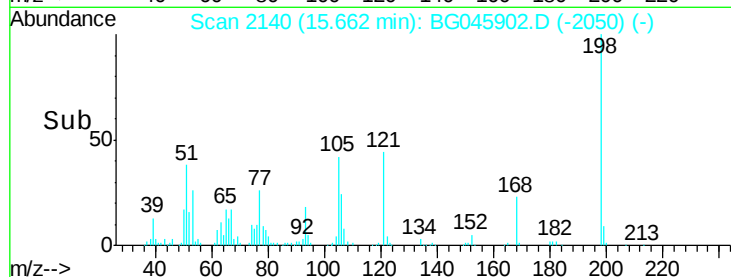
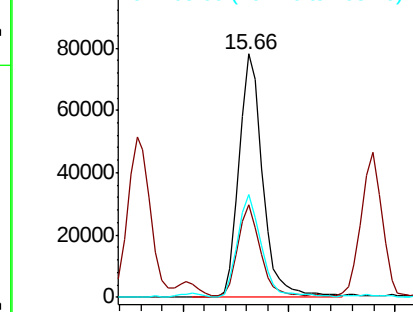
Tot Ion	Ratio	Resp	Lower	Upper
198	100	120696		
51	37.9		18.0	58.0
105	42.2		22.3	62.3

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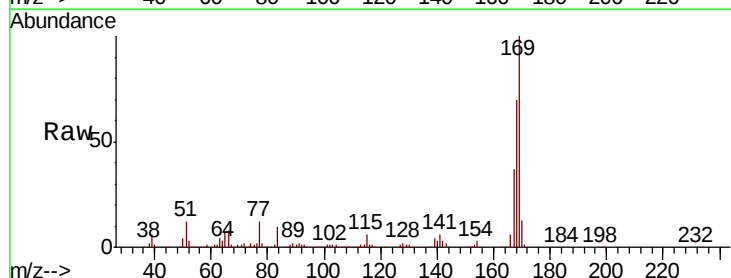


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

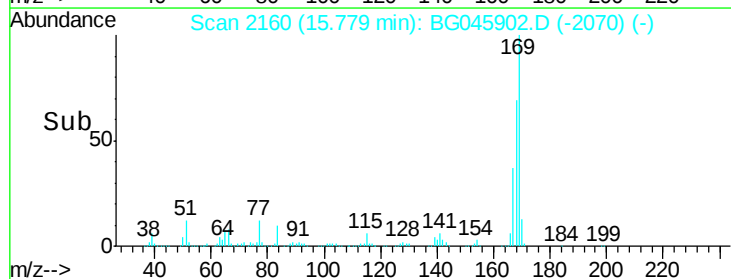
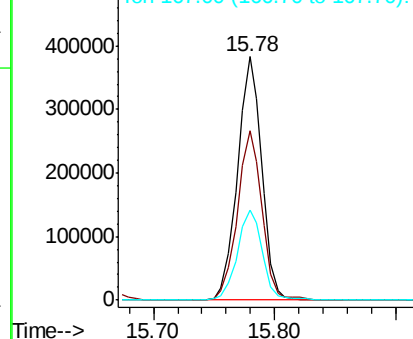


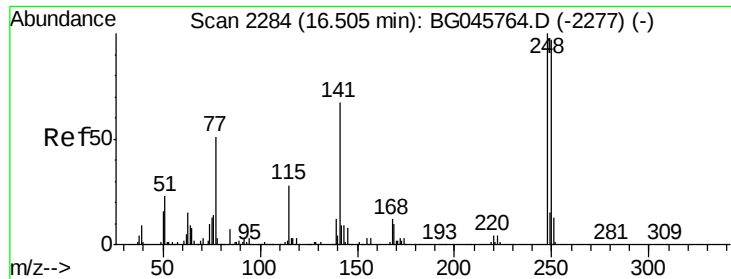
#66
 n-Nitrosodiphenylamine
 Concen: 42.675 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	533899		
168	69.5		54.8	82.2
167	37.1		30.0	45.0



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





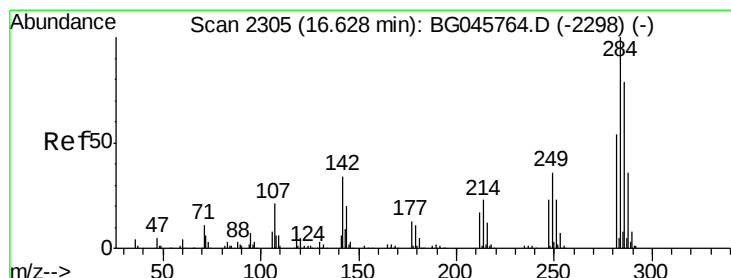
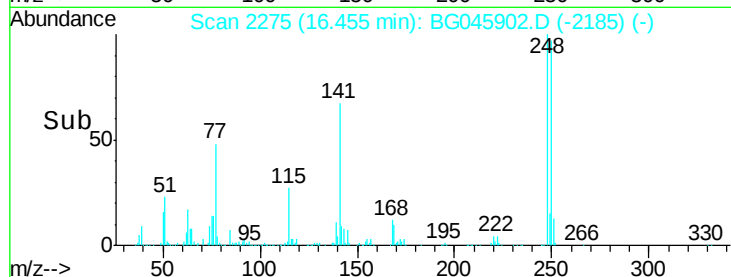
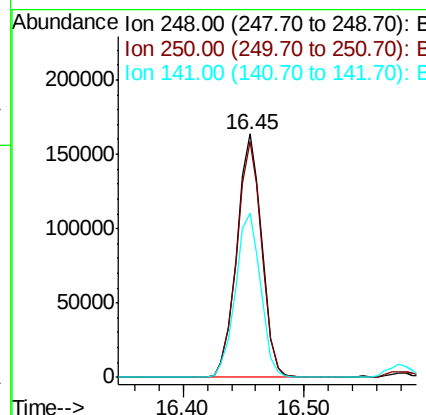
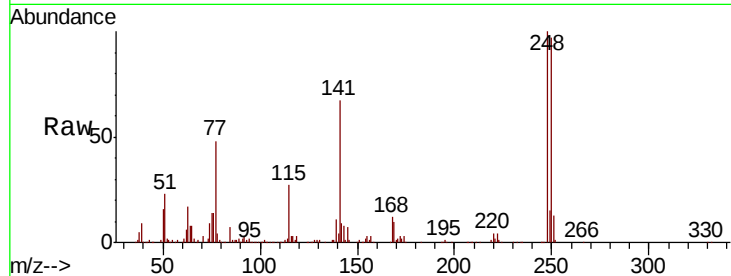
#67
 4-Bromophenyl-phenylether
 Concen: 40.795 ng
 RT: 16.45 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.8	115.2
141	67.3	52.6	79.0

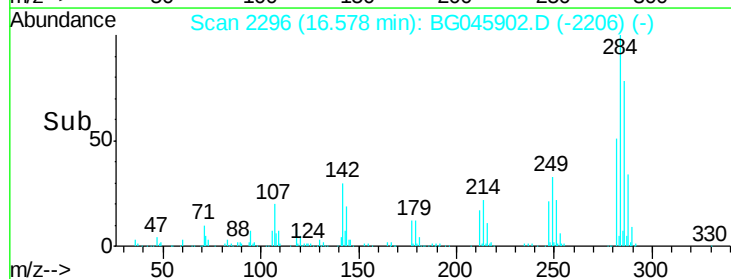
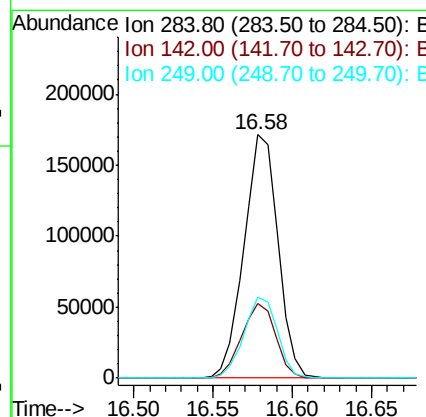
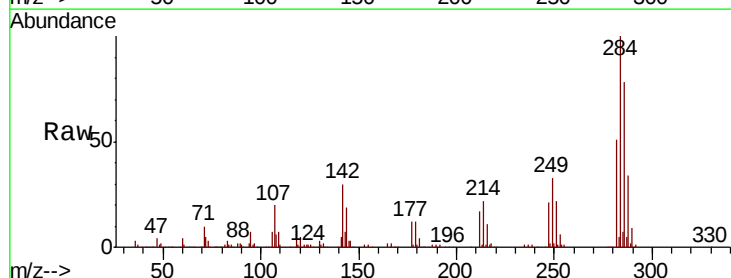
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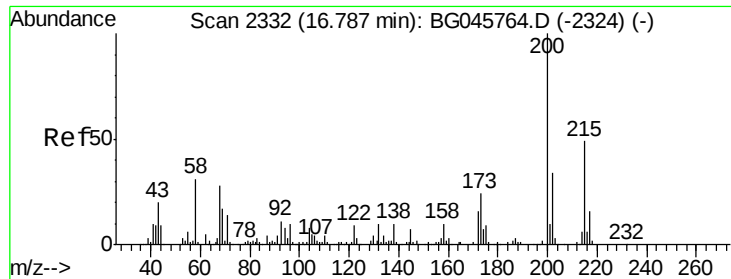
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#68
 Hexachlorobenzene
 Concen: 42.852 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	24.5	36.7
249	33.5	25.1	37.7





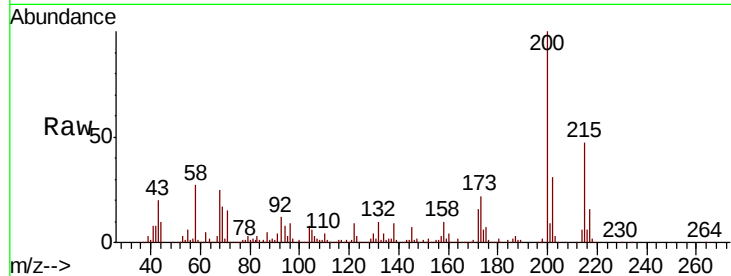
#69
Atrazine
Concen: 38.147 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

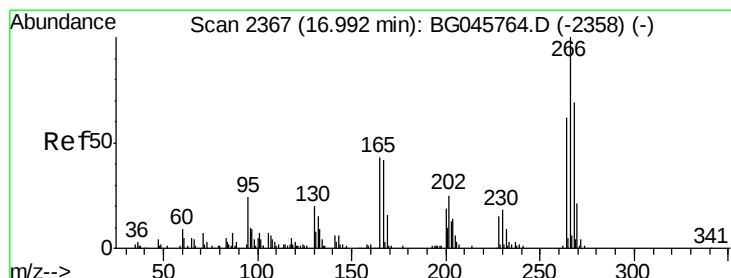
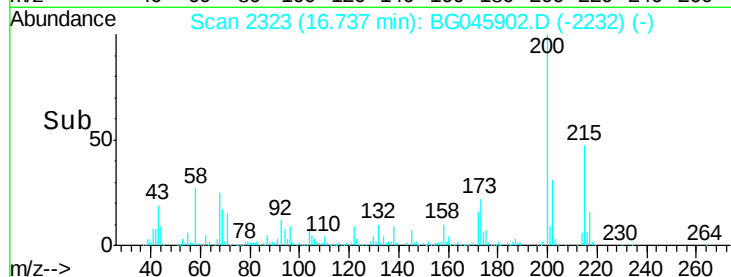
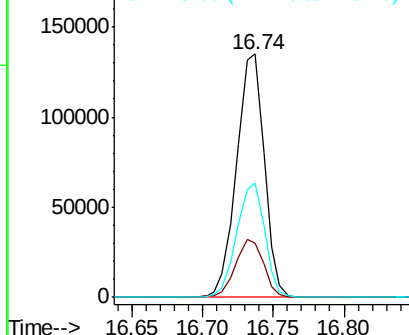
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	6.7	46.7
215	47.0	30.7	70.7

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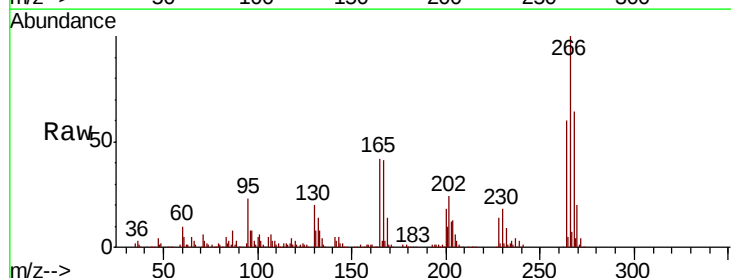


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

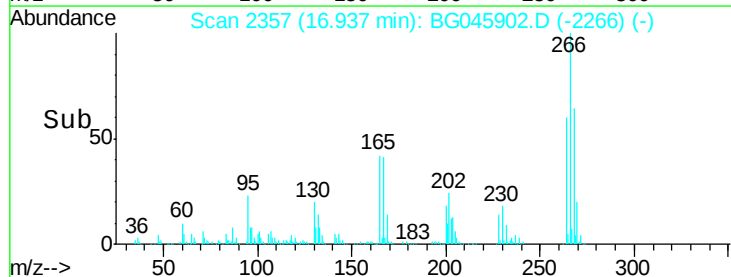
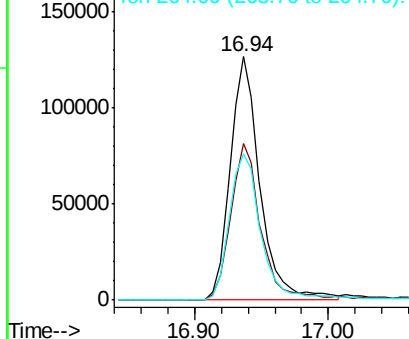


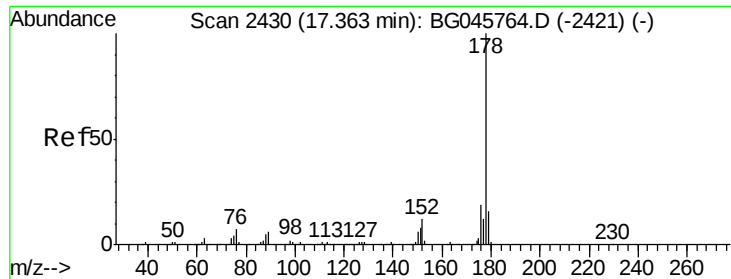
#70
Pentachlorophenol
Concen: 68.473 ng
RT: 16.94 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.9	76.3
264	60.1	49.8	74.8



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





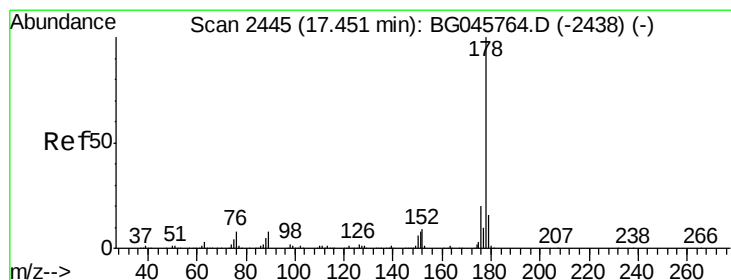
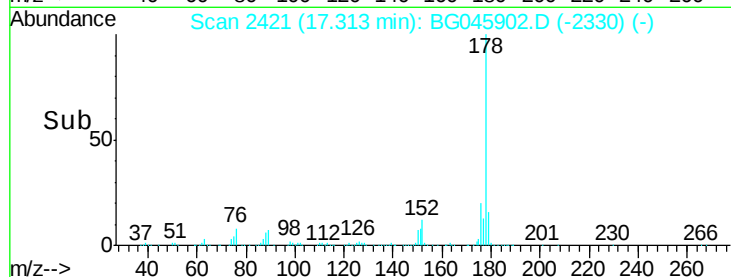
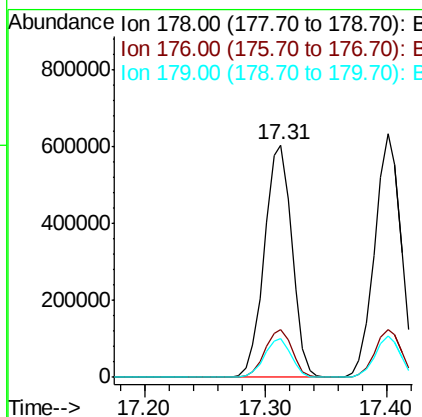
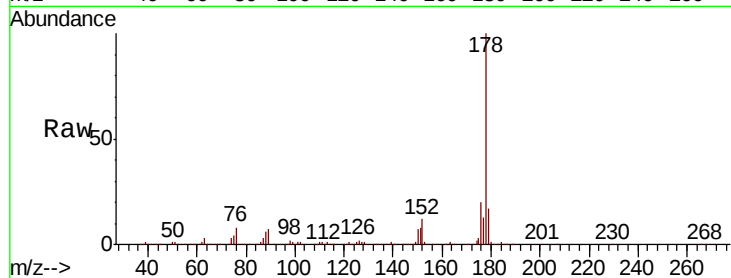
#71
Phenanthrene
Concen: 41.776 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.6	13.2	19.8

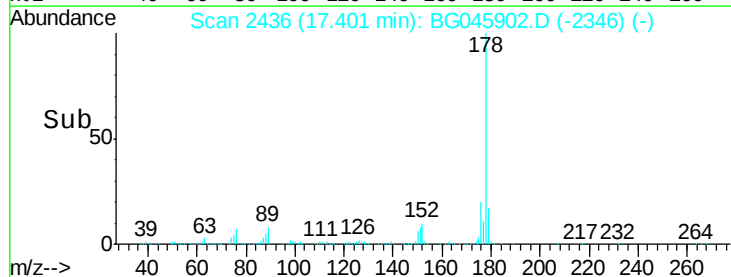
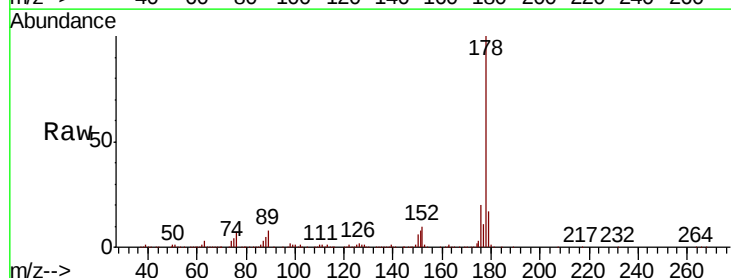
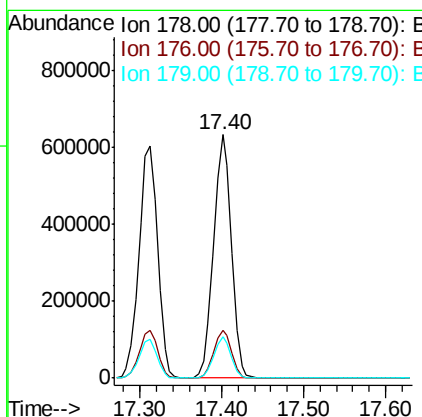
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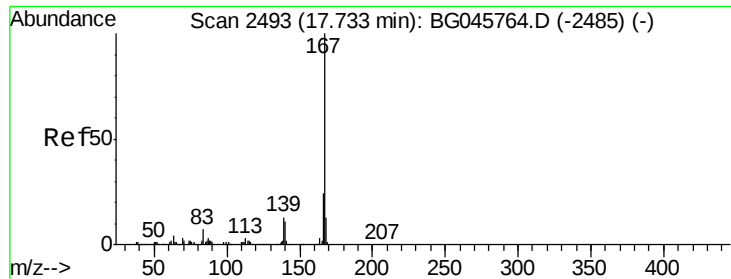
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#72
Anthracene
Concen: 42.335 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.9	12.8	19.2





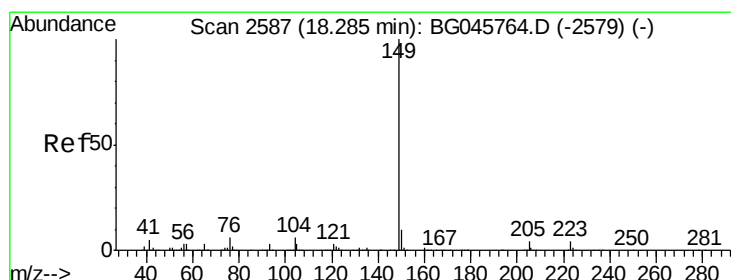
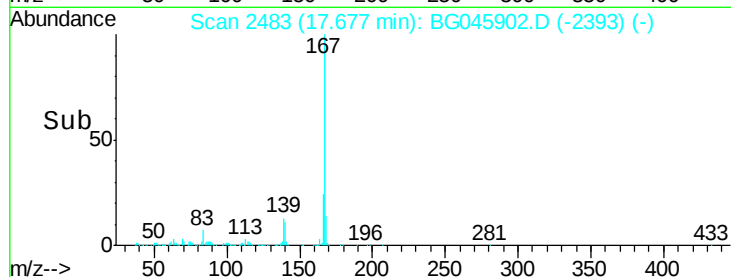
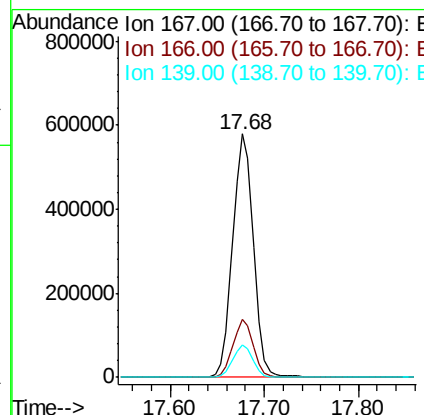
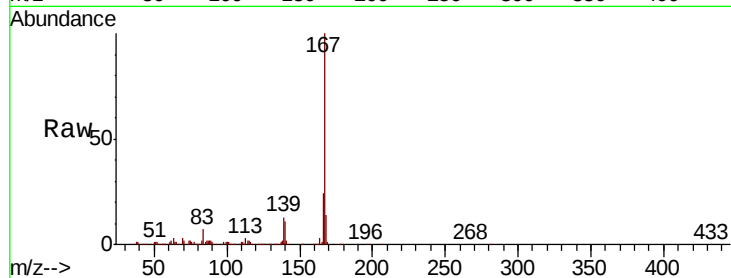
#73
 Carbazole
 Concen: 41.110 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.8	28.2
139	13.5	10.4	15.6

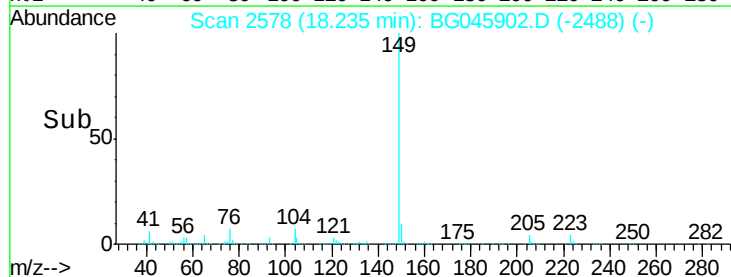
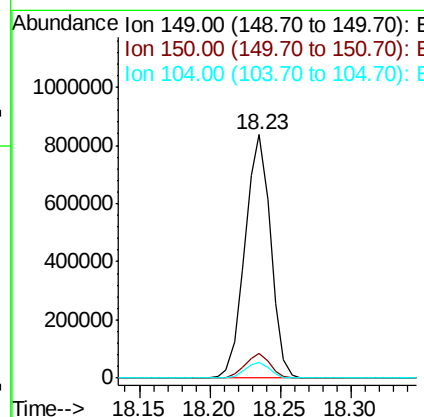
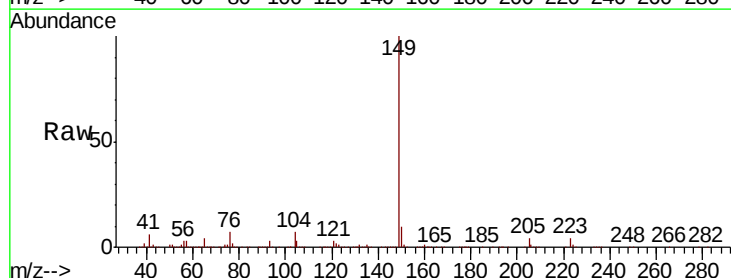
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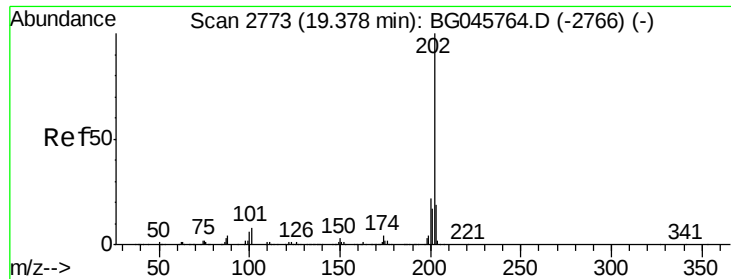
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#74
 Di-n-butylphthalate
 Concen: 41.392 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	6.7	4.9	7.3





#75

Fluoranthene

Concen: 41.000 ng

RT: 19.33 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

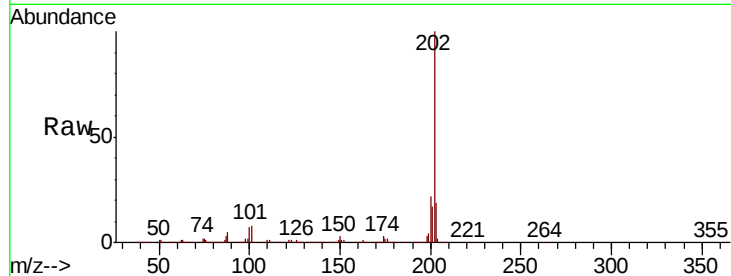
ClientSampleId :

CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.0
203	18.8	0.0	38.5

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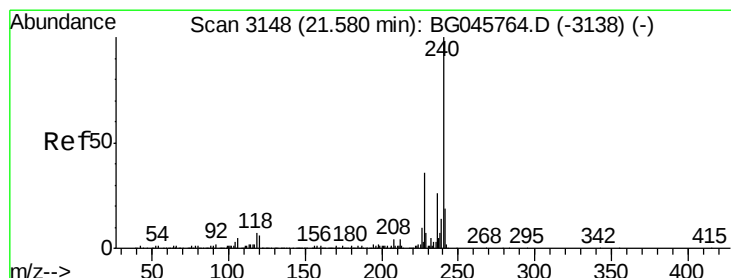
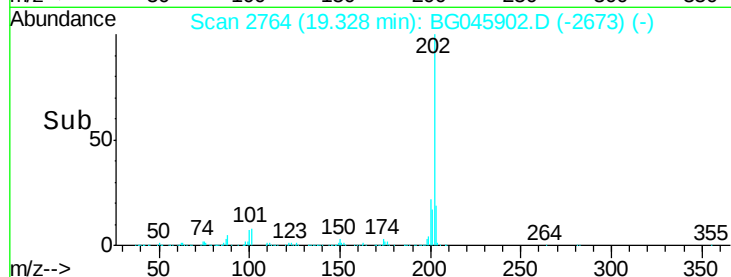
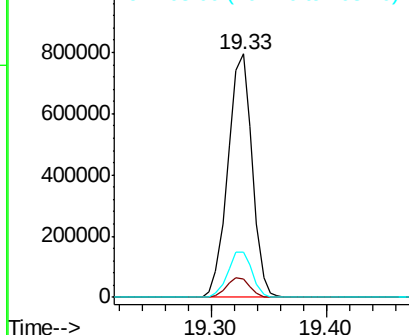


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

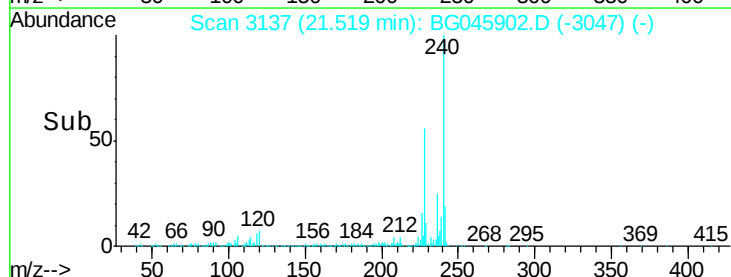
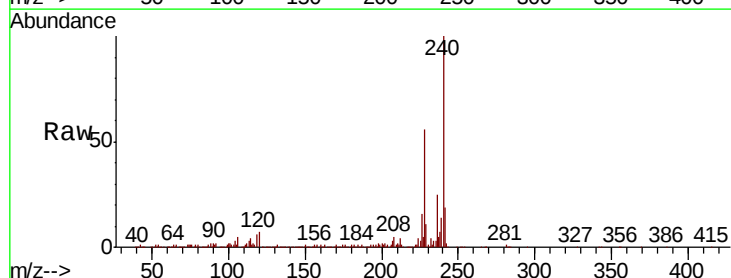
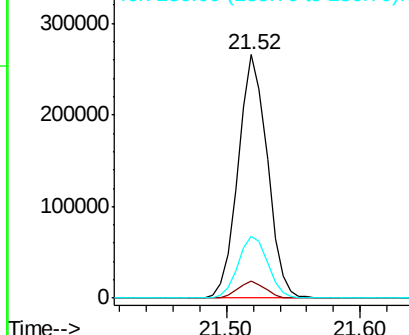
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.6	8.4
236	25.2	21.3	31.9

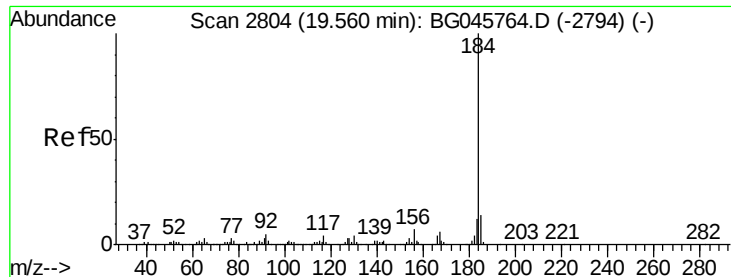
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.148 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

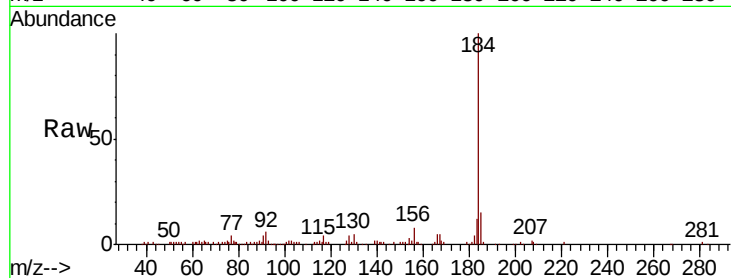
ClientSampleId :

CL-01-062420MSD

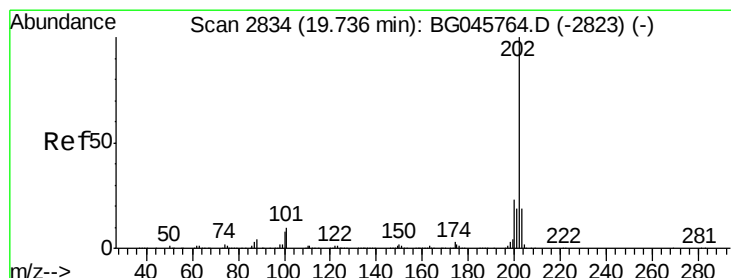
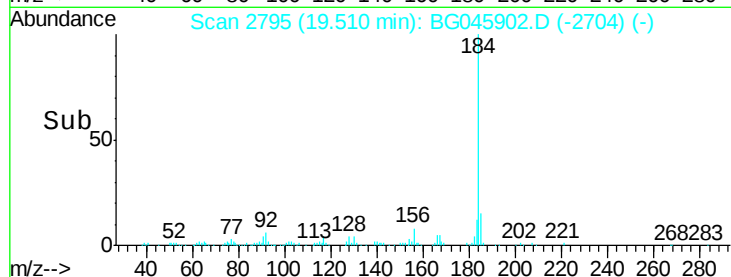
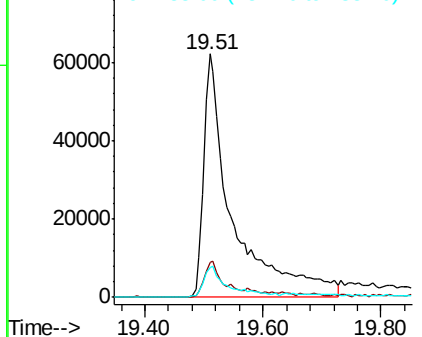
Tot Ion:	184	Resp:	210871
Ion Ratio	Lower	Upper	
184	100		
185	14.6	10.6	15.8
183	12.0	10.1	15.1

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



#78

Pyrene

Concen: 41.915 ng

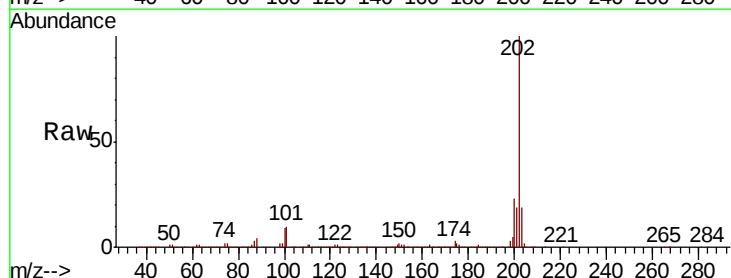
RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

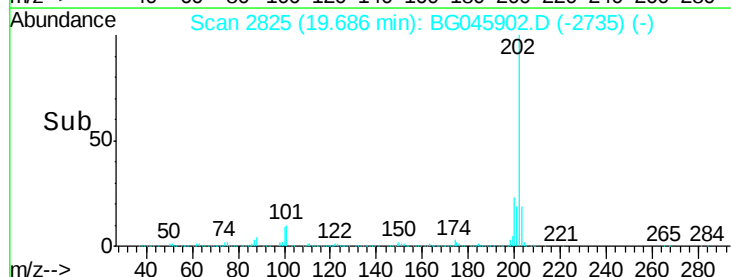
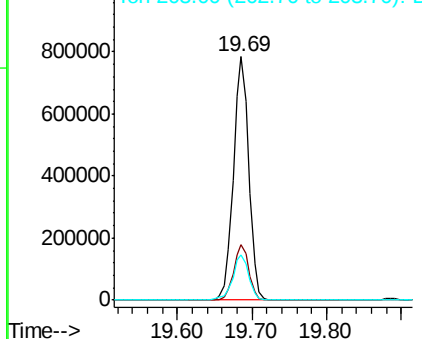
Lab File: BG045902.D

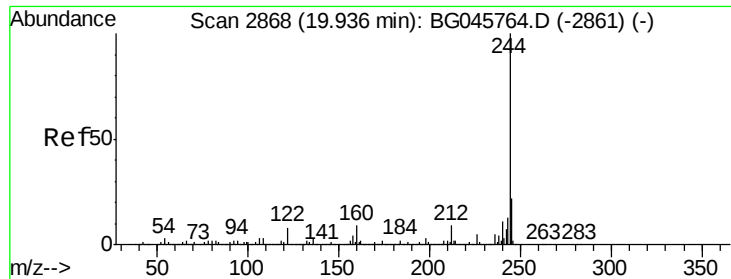
Acq: 1 Jul 2020 12:23

Tgt Ion:	202	Resp:	1129989
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.0	27.0
203	18.7	14.8	22.2



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





#79

Terphenyl-d14

Concen: 84.345 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion:244 Resp: 1675562

Ion Ratio Lower Upper

244 100

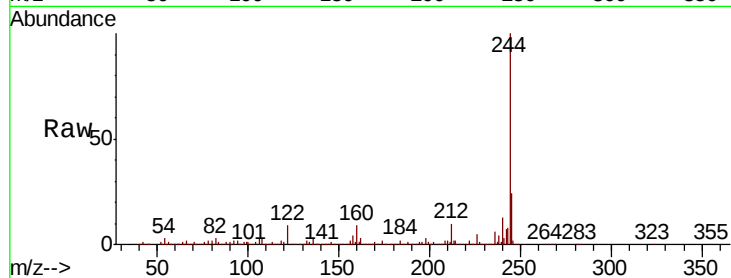
212 9.6 7.2 10.8

122 9.0 6.9 10.3

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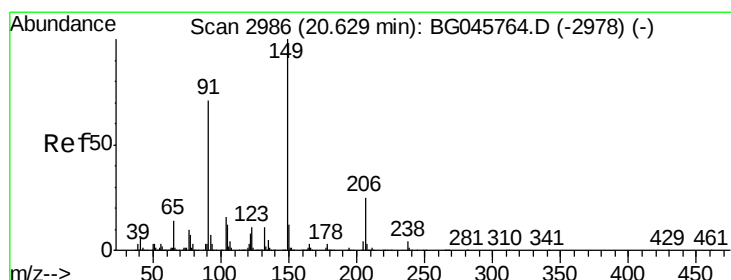
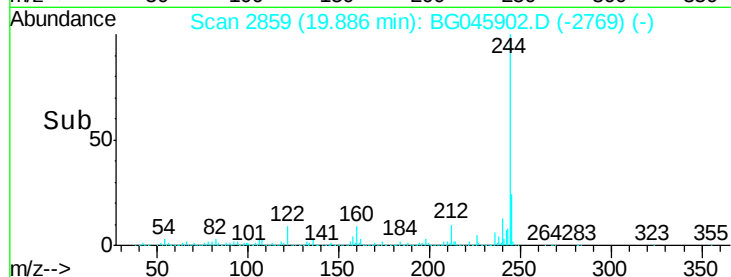
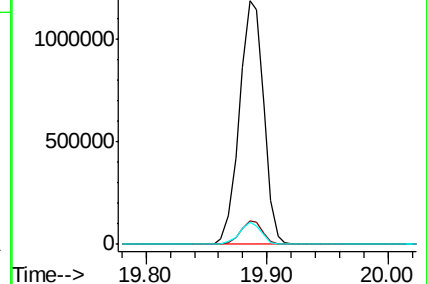
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.748 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

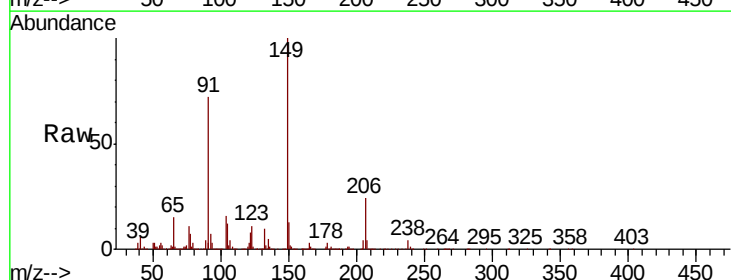
Tgt Ion:149 Resp: 471098

Ion Ratio Lower Upper

149 100

91 72.4 57.0 85.4

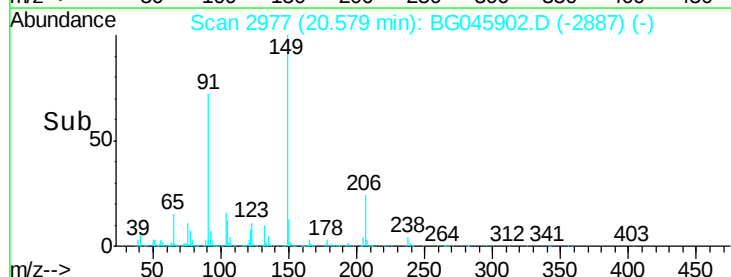
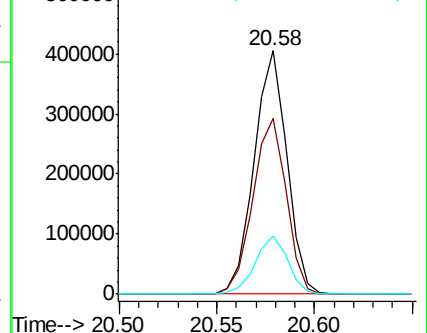
206 23.9 20.0 30.0

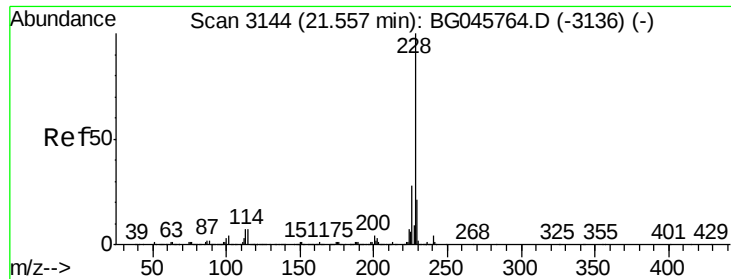


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.447 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

Instrument :

BNA_G

ClientSampleId :

CL-01-062420MSD

Tot Ion:228 Resp: 1081838

Ion Ratio Lower Upper

228 100

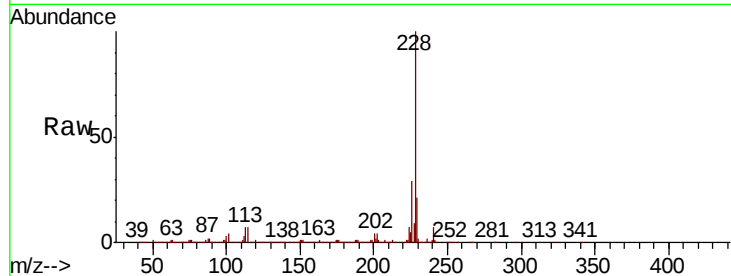
226 29.4 23.2 34.8

229 21.2 16.6 25.0

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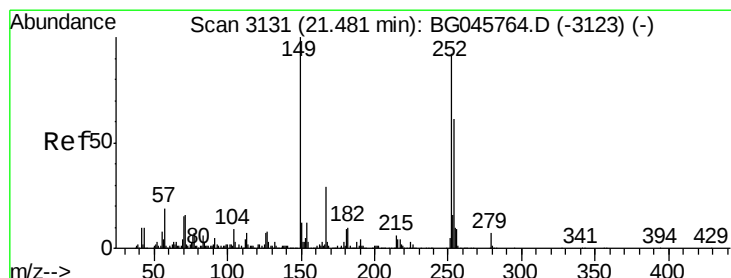
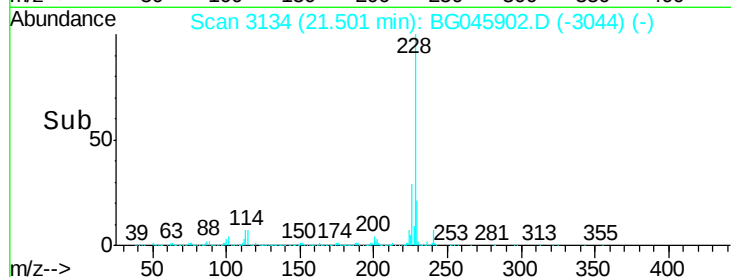
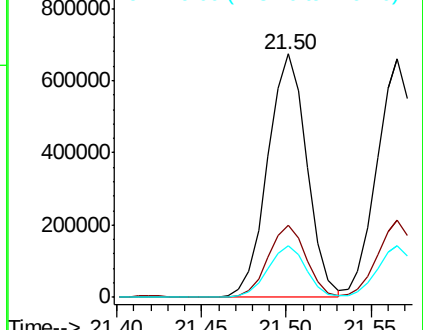


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.806 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG045902.D

Acq: 1 Jul 2020 12:23

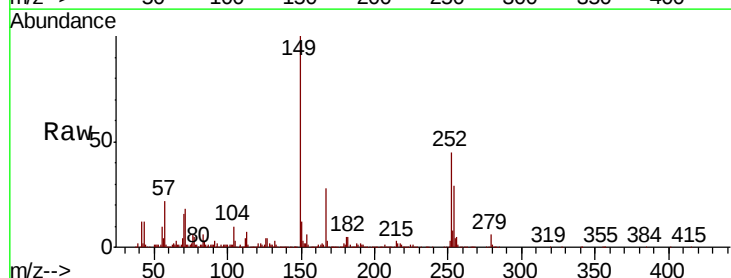
Tgt Ion:252 Resp: 333770

Ion Ratio Lower Upper

252 100

254 64.2 54.1 81.1

126 8.3 6.6 9.8

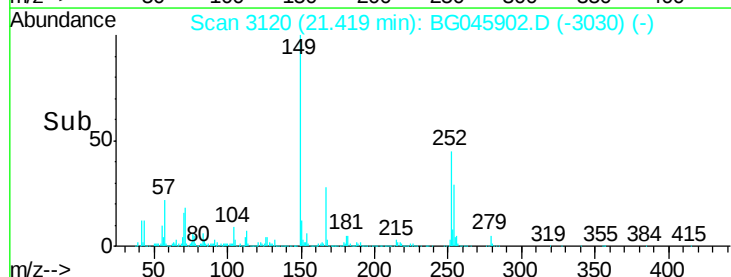
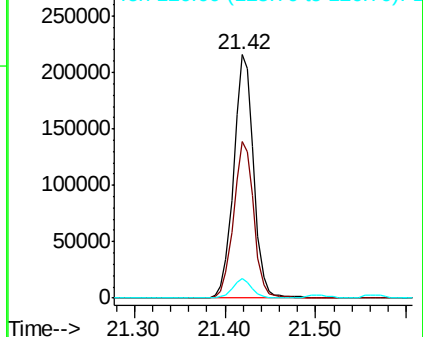


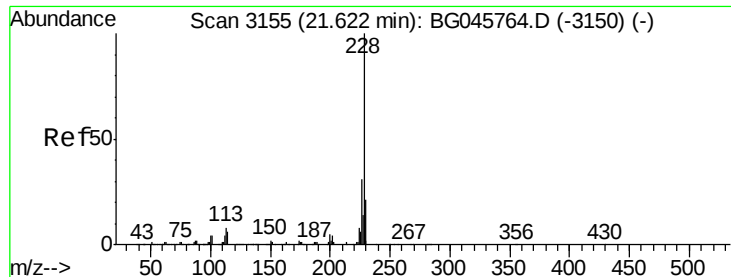
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





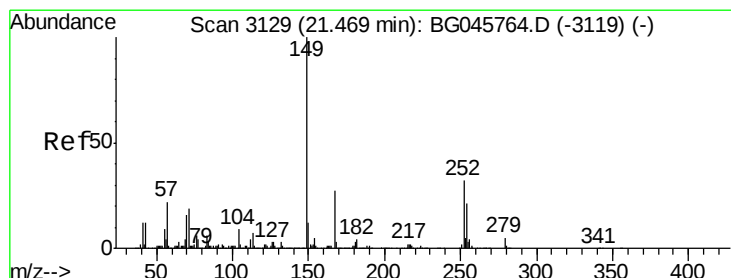
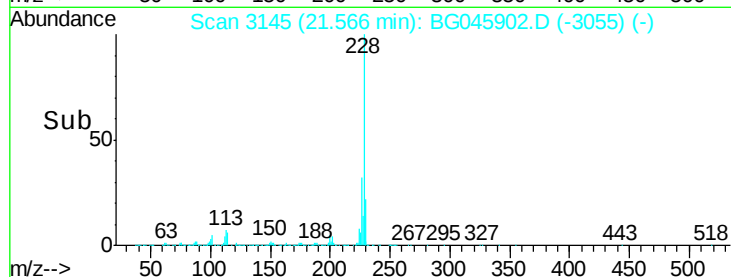
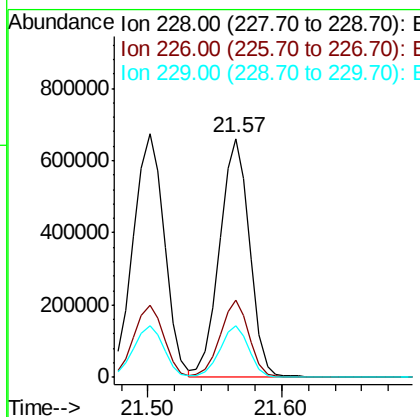
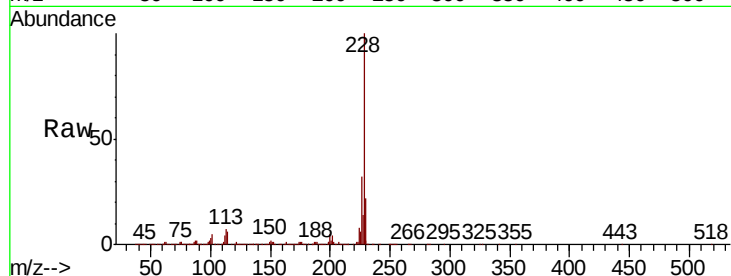
#83
Chrysene
Concen: 41.260 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	21.7	16.3	24.5

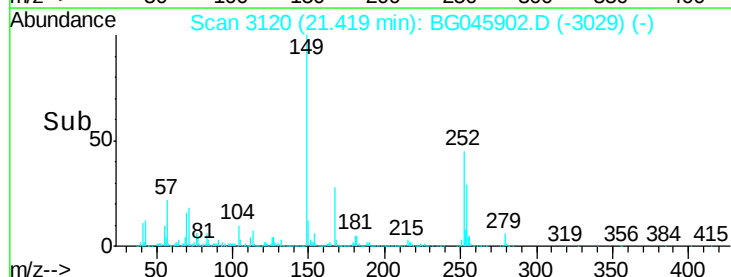
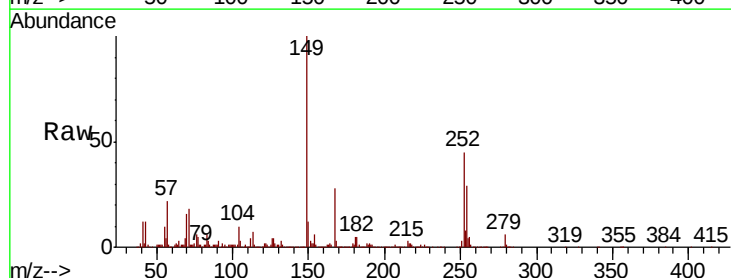
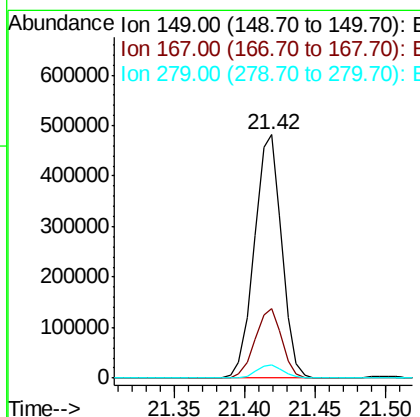
Manual Integrations
APPROVED

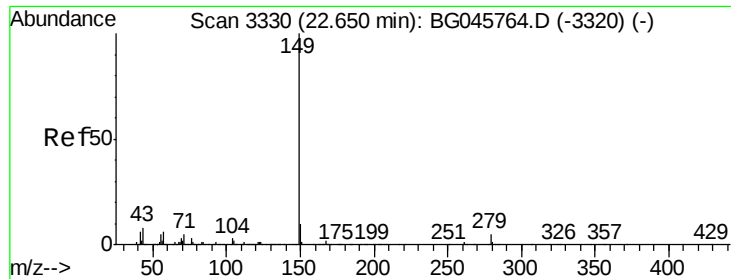
Sohil
7/7/2020 8:17:33 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.689 ng
RT: 21.42 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.7	32.5
279	5.5	4.2	6.2





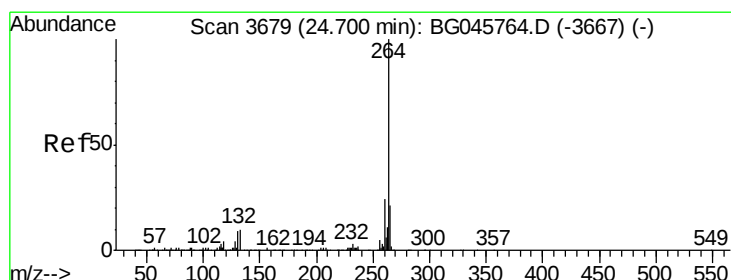
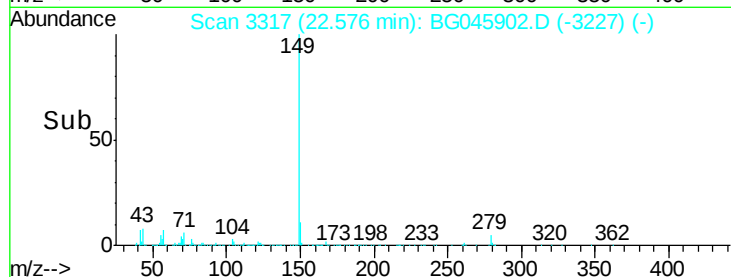
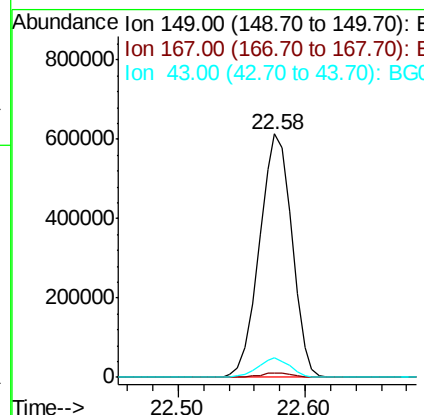
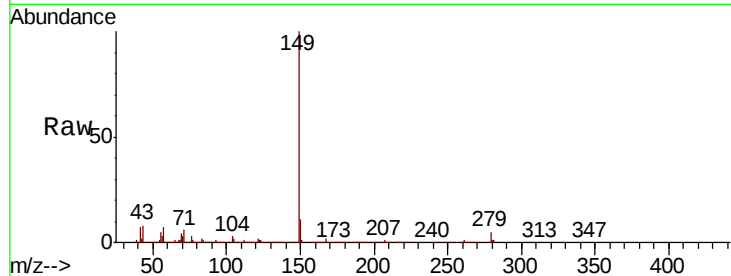
#85
Di-n-octyl phthalate
Concen: 40.257 ng
RT: 22.58 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	6.2	9.4

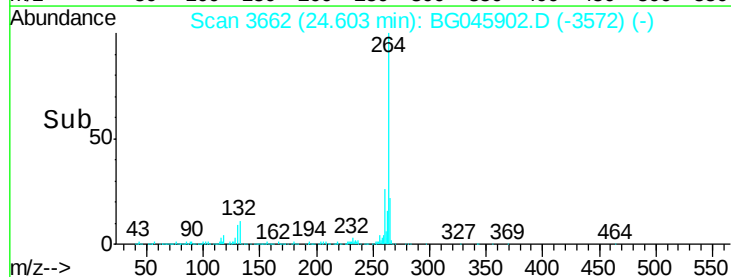
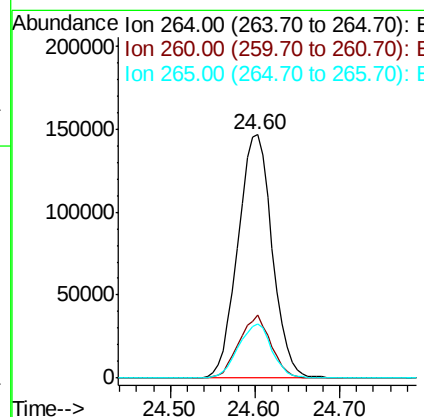
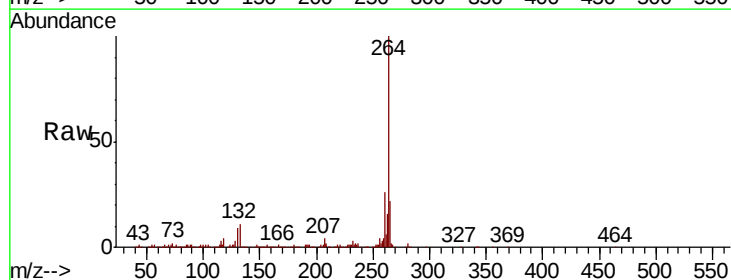
Manual Integrations
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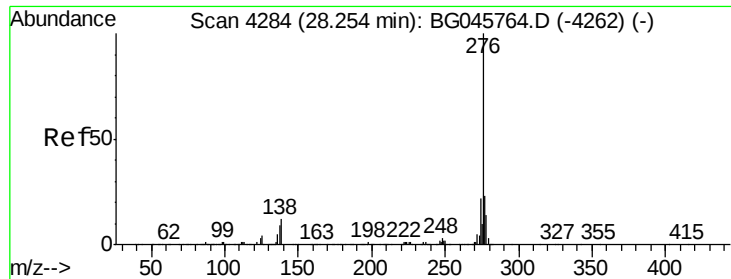
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.5	29.3
265	22.3	17.4	26.0





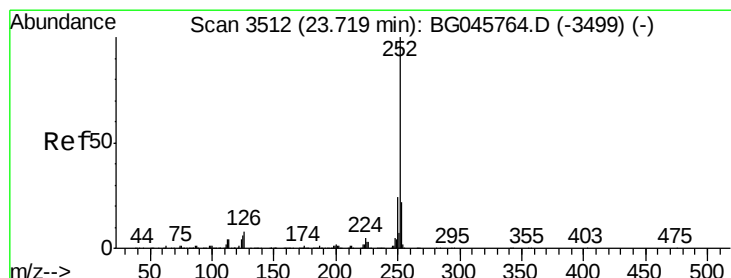
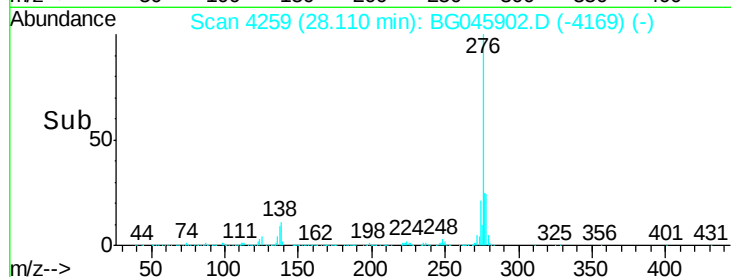
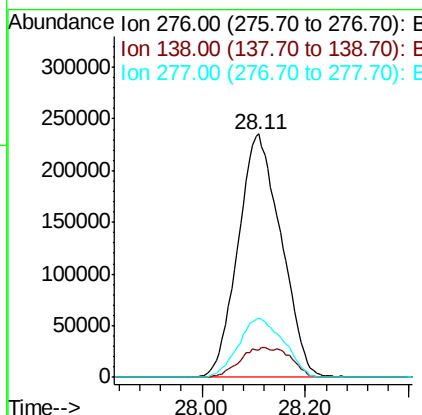
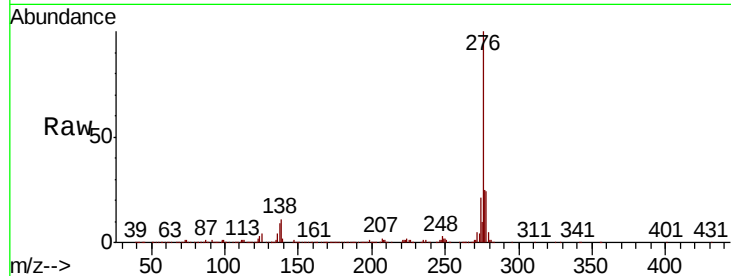
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.492 ng
 RT: 28.11 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	11.8	17.6#
277	25.6	20.5	30.7

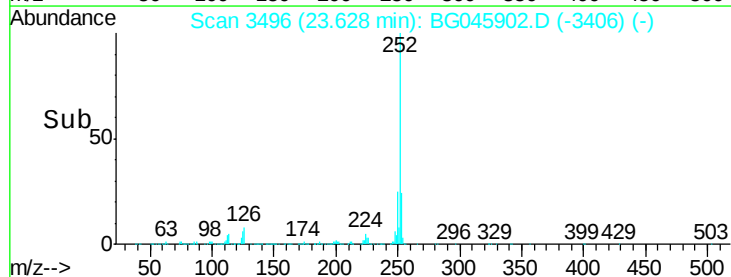
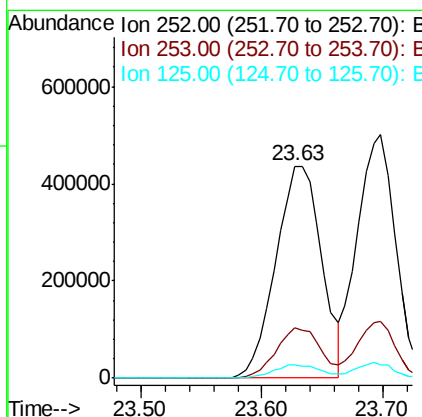
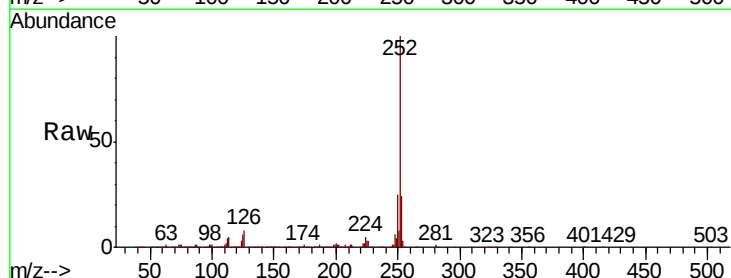
Manual Integrations
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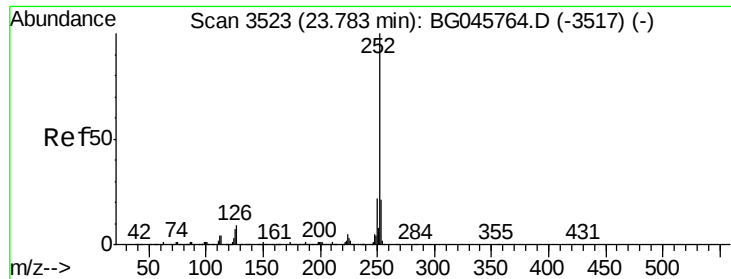
Sohil
 7/7/2020 8:17:33 AM



#88
 Benzo(b)fluoranthene
 Concen: 44.396 ng
 RT: 23.63 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: BG045902.D
 Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	6.3	5.4	8.0





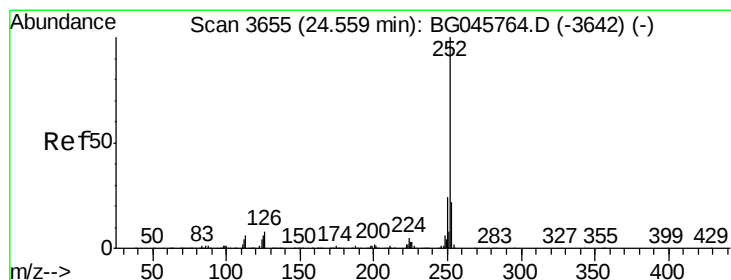
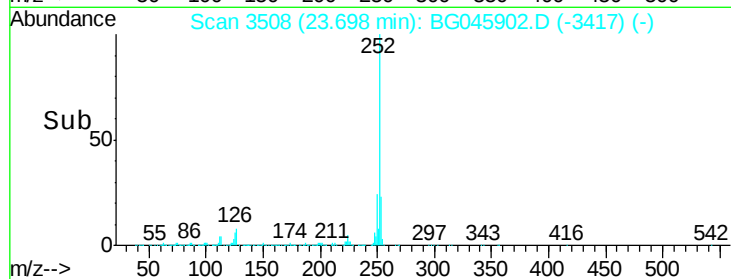
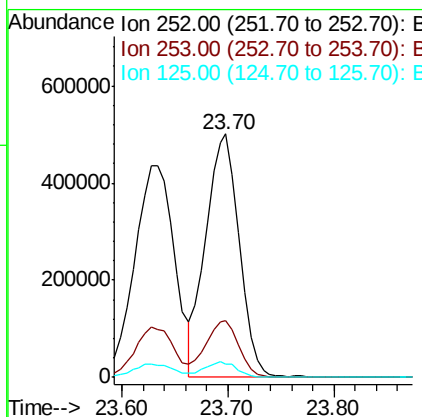
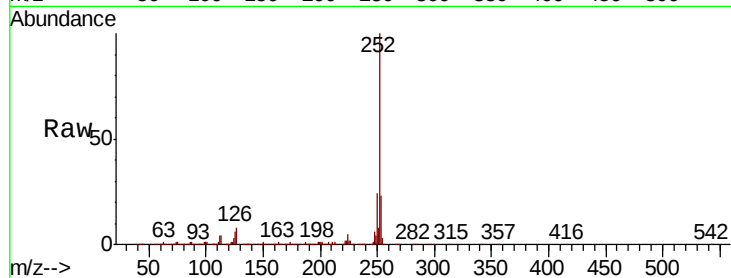
#89
Benzo(k)fluoranthene
Concen: 44.620 ng
RT: 23.70 min Scan# 3508
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	5.6	5.2	7.8

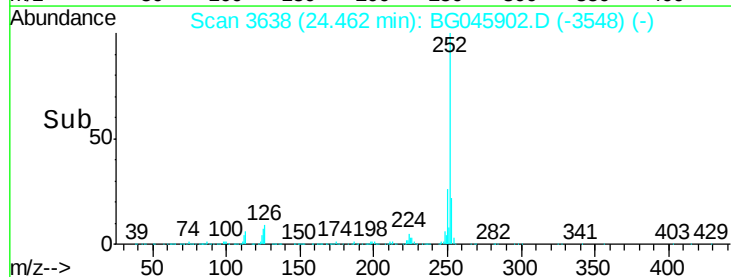
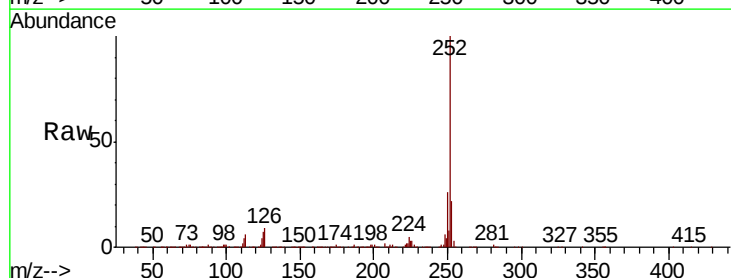
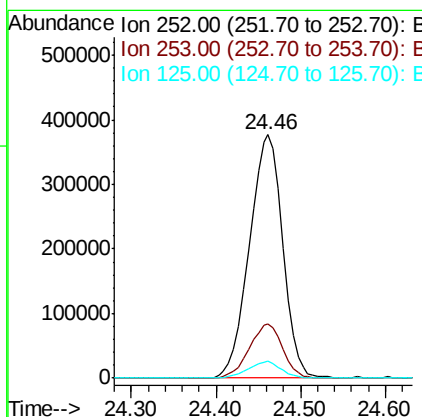
Manual Integrations
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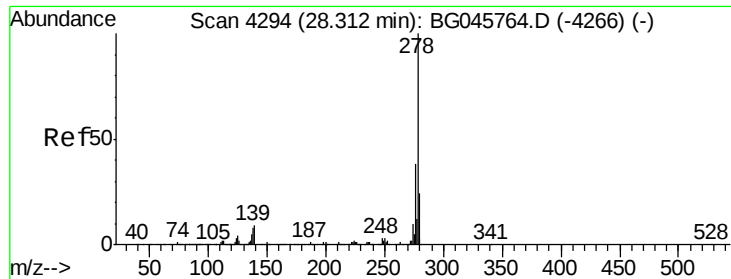
Sohil
7/7/2020 8:17:33 AM



#90
Benzo(a)pyrene
Concen: 42.840 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	6.9	5.9	8.9





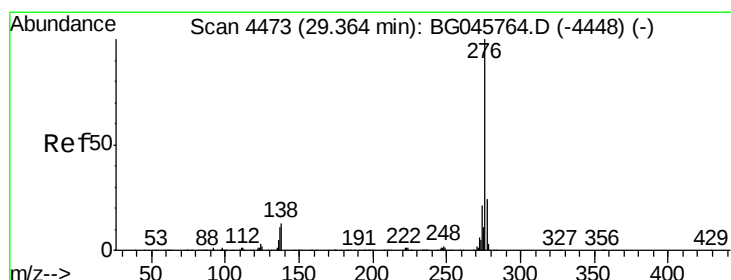
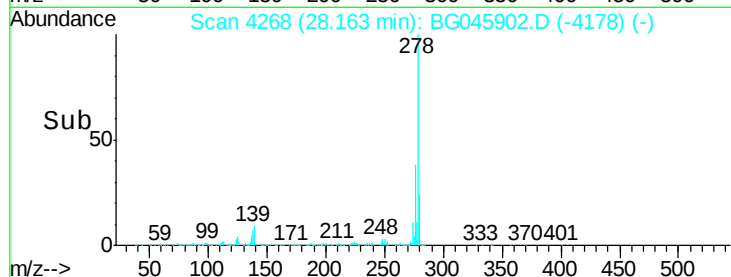
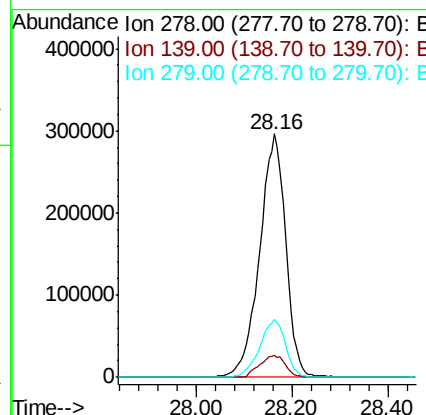
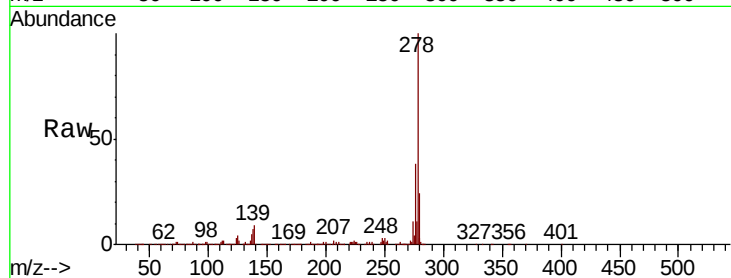
#91
Dibenzo(a,h)anthracene
Concen: 46.849 ng
RT: 28.16 min Scan# 4268
Delta R.T. -0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Instrument :
BNA_G
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.7	11.5
279	24.1	19.1	28.7

Manual Integrations
APPROVED

Sohil
7/7/2020 8:17:33 AM



#92
Benzo(g,h,i)perylene
Concen: 46.341 ng
RT: 29.20 min Scan# 4444
Delta R.T. 0.00 min
Lab File: BG045902.D
Acq: 1 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	11.4	9.4	14.2

