

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045915.D
 Acq On : 2 Jul 2020 15:23
 Operator : CG/JU
 Sample : L3153-44MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:19:37 AM

Quant Time: Jul 03 00:52:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	51481	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	195580	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	139435	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	336344	20.00	ng	0.00
76) Chrysene-d12	21.52	240	336042	20.00	ng	0.00
86) Perylene-d12	24.59	264	349668	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	420136	137.86	ng	0.00
7) Phenol-d6	7.08	99	548809	118.39	ng	0.00
23) Nitrobenzene-d5	9.02	82	425235	99.33	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	297611	141.38	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	927998	97.81	ng	0.00
79) Terphenyl-d14	19.89	244	1668189	100.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	62417	44.717	ng	# 71
3) Pyridine	3.70	79	136788	33.071	ng	94
4) n-Nitrosodimethylamine	3.60	42	73314	52.805	ng	93
6) Aniline	7.18	93	138292	25.336	ng	97
8) 2-Chlorophenol	7.43	128	166857	51.150	ng	98
9) Benzaldehyde	6.99	77	35940	12.908	ng	95
10) Phenol	7.10	94	195342	43.490	ng	97
11) bis(2-Chloroethyl)ether	7.28	93	160774	47.125	ng	98
12) 1,3-Dichlorobenzene	7.74	146	191989	49.387	ng	98
13) 1,4-Dichlorobenzene	7.89	146	194269	50.031	ng	96
14) 1,2-Dichlorobenzene	8.21	146	179168	48.198	ng	98
15) Benzyl Alcohol	8.11	79	180356	50.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.39	45	153766	47.822	ng	98
17) 2-Methylphenol	8.34	107	146008	43.680	ng	95
18) Hexachloroethane	8.94	117	75435	51.151	ng	93
19) n-Nitroso-di-n-propylamine	8.67	70	150533	49.393	ng	98
20) 3+4-Methylphenols	8.67	107	195438	44.456	ng	96
22) Acetophenone	8.68	105	264668	49.304	ng	# 97
24) Nitrobenzene	9.06	77	224574	49.197	ng	98
25) Isophorone	9.58	82	403335	48.665	ng	99
26) 2-Nitrophenol	9.78	139	93162	48.987	ng	97
27) 2,4-Dimethylphenol	9.87	122	152811	52.630	ng	98
28) bis(2-Chloroethoxy)methane	10.07	93	224838	51.934	ng	96
29) 2,4-Dichlorophenol	10.34	162	171711	50.689	ng	94
30) 1,2,4-Trichlorobenzene	10.52	180	197175	49.167	ng	99
31) Naphthalene	10.71	128	524077	49.013	ng	99
32) Benzoic acid	10.06	122	58100	34.061	ng	92
33) 4-Chloroaniline	10.84	127	42854	9.570	ng	95
34) Hexachlorobutadiene	11.00	225	141041	49.452	ng	98
35) Caprolactam	11.61	113	50092m	45.696	ng	
36) 4-Chloro-3-methylphenol	12.00	107	199707	51.059	ng	99
37) 2-Methylnaphthalene	12.33	142	400733	50.329	ng	97
38) 1-Methylnaphthalene	12.55	142	377634	50.119	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	224946	48.994	ng	97

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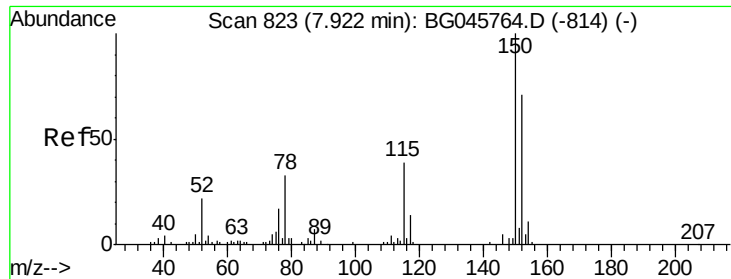
Manual Integrations
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 7/7/2020 8:19:37 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	242593	94.009	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	148282	47.635	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	155449	43.816	ng	98
46) 1,1'-Biphenyl	13.34	154	496890	49.775	ng	98
47) 2-Chloronaphthalene	13.39	162	390407	48.414	ng	99
48) 2-Nitroaniline	13.60	65	132346	49.340	ng	92
49) Acenaphthylene	14.23	152	630614	48.823	ng	99
50) Dimethylphthalate	13.97	163	590397	54.049	ng	99
51) 2,6-Dinitrotoluene	14.09	165	123047	50.154	ng	90
52) Acenaphthene	14.58	154	385248	49.206	ng	97
53) 3-Nitroaniline	14.43	138	60101	24.525	ng	93
54) 2,4-Dinitrophenol	14.64	184	120817	87.489	ng	95
55) Dibenzofuran	14.91	168	628464	49.413	ng	100
56) 4-Nitrophenol	14.80	139	136217	77.704	ng	96
57) 2,4-Dinitrotoluene	14.89	165	176437	50.193	ng	99
58) Fluorene	15.57	166	530765	50.186	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.16	232	140283	45.558	ng	98
60) Diethylphthalate	15.34	149	569868	51.033	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	297929	48.877	ng	97
62) 4-Nitroaniline	15.60	138	122323	48.637	ng	98
63) Azobenzene	15.85	77	553062	51.582	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	107253	51.599	ng	95
66) n-Nitrosodiphenylamine	15.78	169	473813	49.736	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	205509	47.024	ng	98
68) Hexachlorobenzene	16.58	284	224783	49.601	ng	95
69) Atrazine	16.73	200	177447	48.001	ng	98
70) Pentachlorophenol	16.93	266	171209	76.928	ng	96
71) Phenanthrene	17.31	178	868182	50.049	ng	99
72) Anthracene	17.40	178	876249	50.727	ng	99
73) Carbazole	17.67	167	830181	50.474	ng	99
74) Di-n-butylphthalate	18.23	149	1007367	51.727	ng	98
75) Fluoranthene	19.32	202	1115171	52.281	ng	99
77) Benzidine	19.51	184	147775m	16.915	ng	
78) Pyrene	19.68	202	1102037	48.974	ng	99
80) Butylbenzylphthalate	20.58	149	459431	48.777	ng	98
81) Benzo(a)anthracene	21.50	228	1070307	49.126	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	264563	32.103	ng	97
83) Chrysene	21.56	228	1038746	49.293	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	664588	50.726	ng	99
85) Di-n-octyl phthalate	22.57	149	1129981	50.001	ng	100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1375395	54.257	ng	# 97
88) Benzo(b)fluoranthene	23.62	252	1195167	54.514	ng	100
89) Benzo(k)fluoranthene	23.69	252	1103256	52.579	ng	99
90) Benzo(a)pyrene	24.45	252	1078638	52.668	ng	98
91) Dibenzo(a,h)anthracene	28.16	278	1123313	55.260	ng	98
92) Benzo(g,h,i)perylene	29.19	276	1124440	55.265	ng	99

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



#1

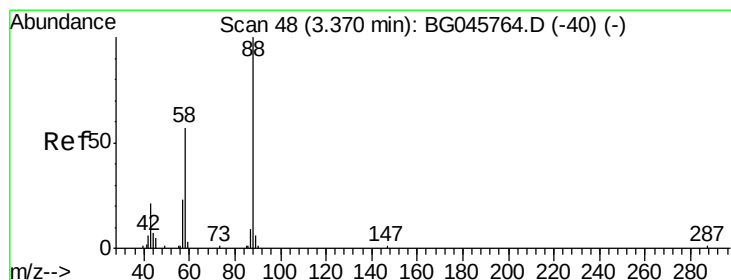
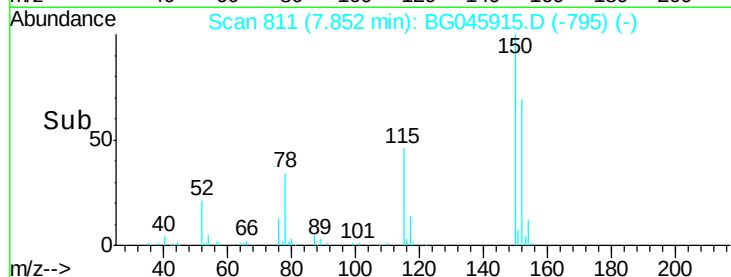
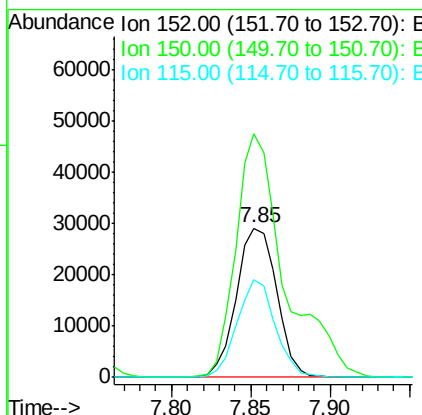
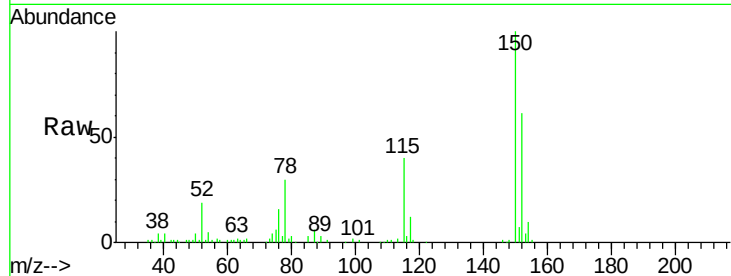
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.5	186.7
115	65.8	45.8	68.8

Manual Integrations
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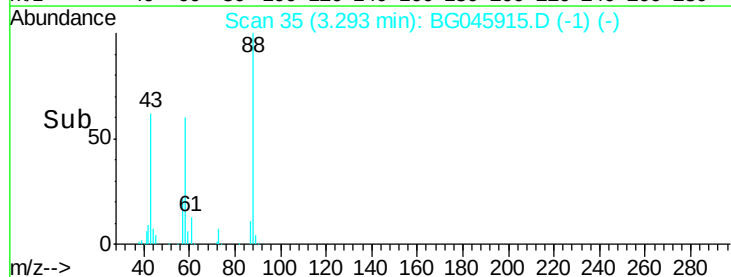
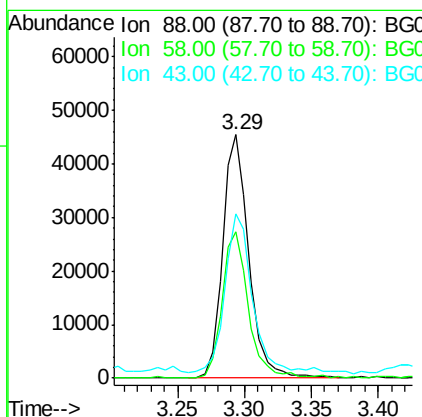
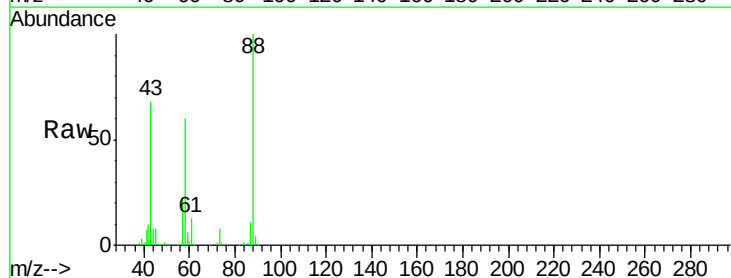
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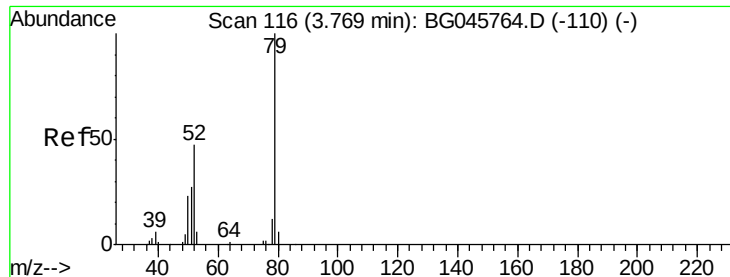


#2

1,4-Dioxane
Concen: 44.717 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.4	47.1	70.7
43	70.3	19.4	29.2





#3

Pvridine

Concen: 33.071 ng

RT: 3.70 min Scan# 105

Delta R.T. 0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

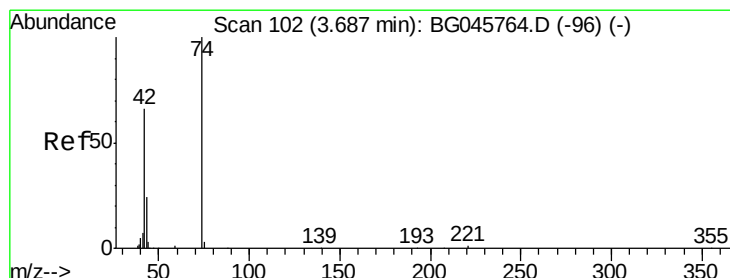
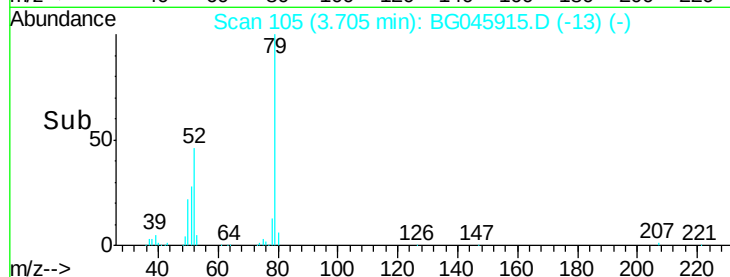
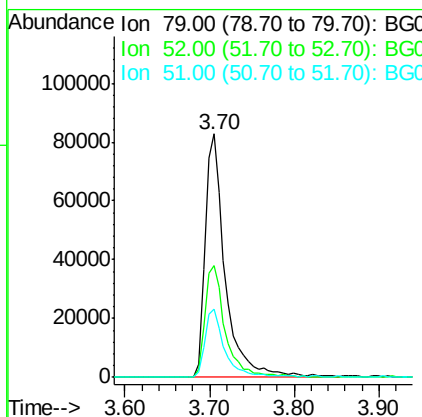
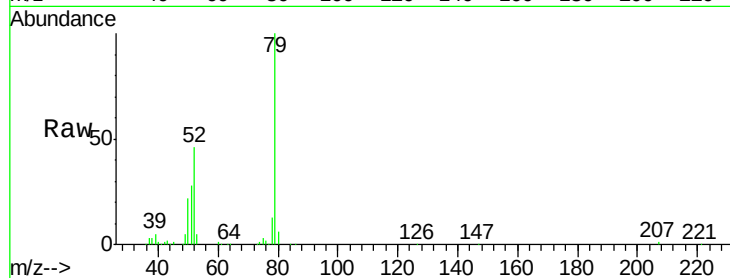
ClientSampled :

SP2-LMS

Tot Ion:	79	Resp:	136788
Ion	Ratio	Lower	Upper
79	100		
52	45.8	41.0	61.4
51	27.9	23.0	34.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.805 ng

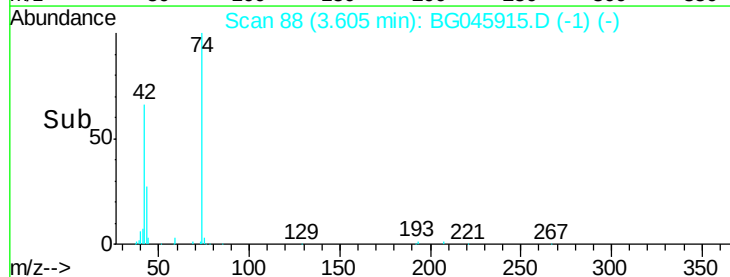
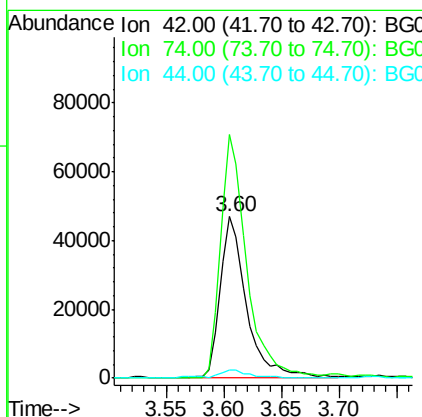
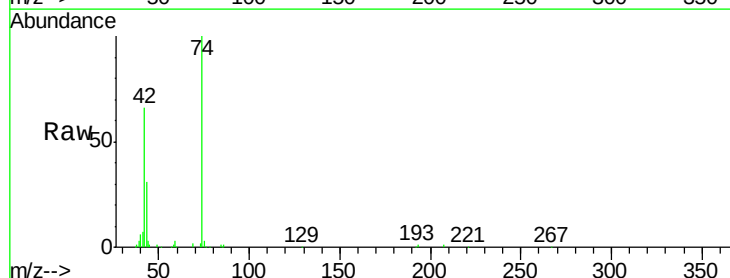
RT: 3.60 min Scan# 88

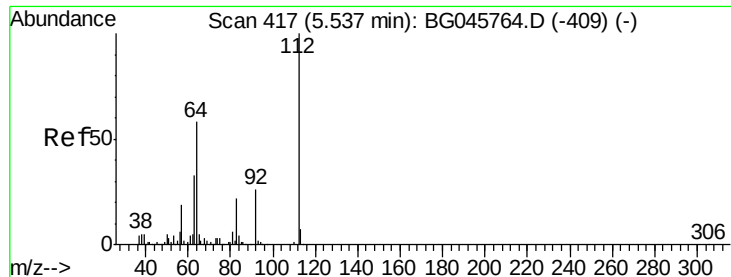
Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	42	Resp:	73314
Ion	Ratio	Lower	Upper
42	100		
74	150.8	127.8	191.6
44	4.6	4.1	6.1





#5

2-Fluorophenol

Concen: 137.858 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

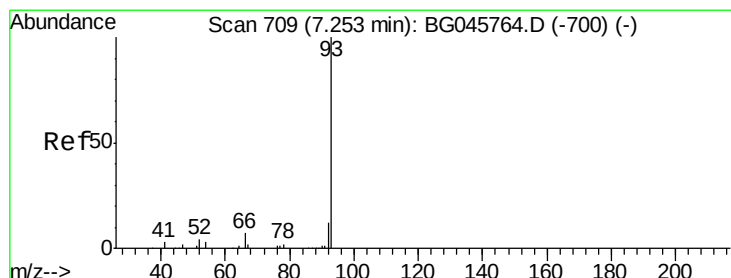
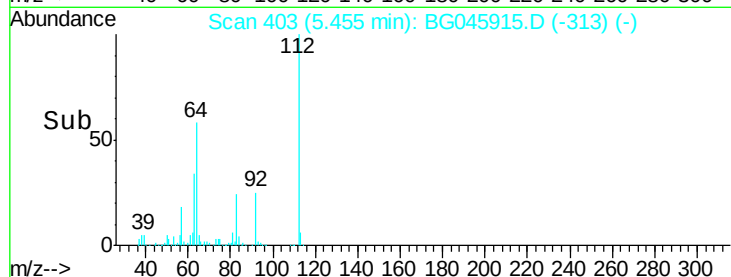
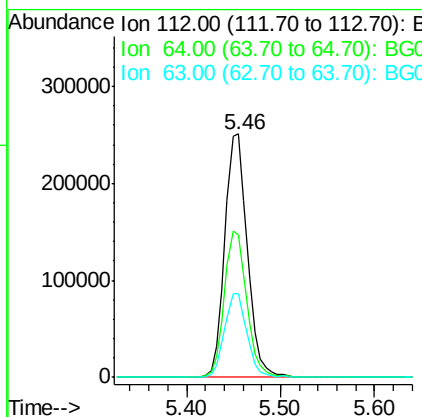
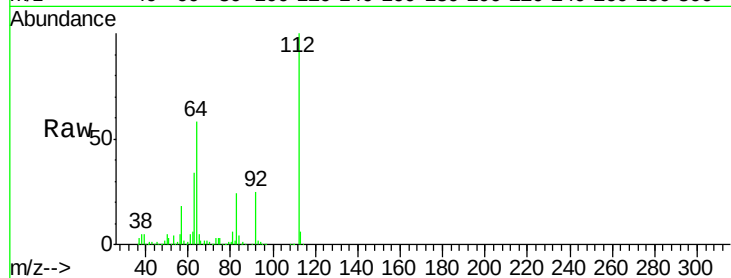
ClientSampleId :

SP2-LMS

Tot Ion:	112	Resp:	420136
Ion Ratio	Lower	Upper	
112	100		
64	58.4	44.9	67.3
63	34.3	26.9	40.3

Manual Integrations
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#6

Aniline

Concen: 25.336 ng

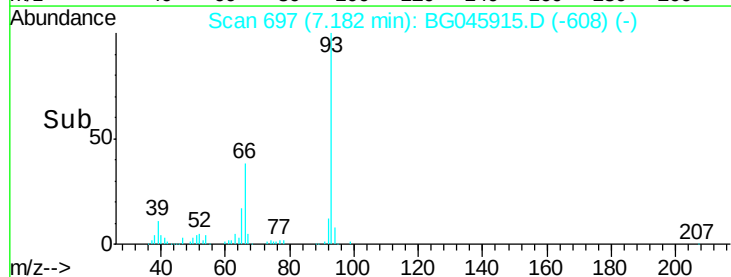
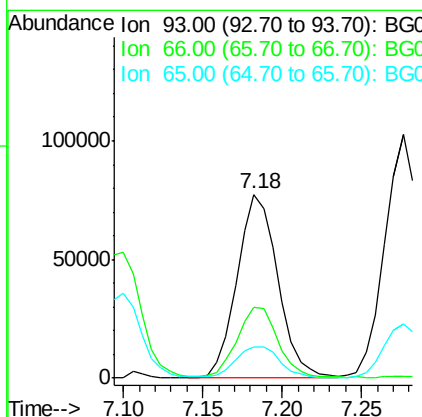
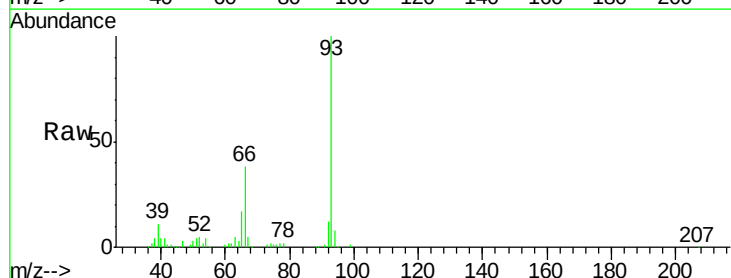
RT: 7.18 min Scan# 697

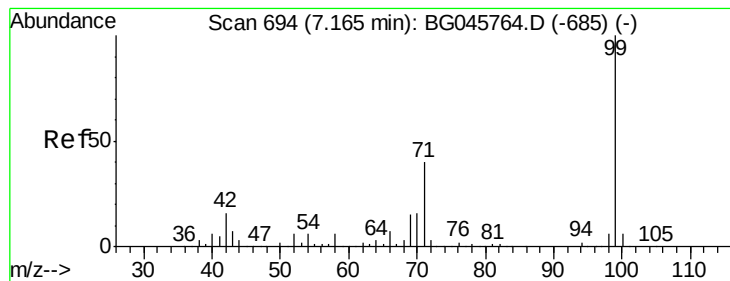
Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	93	Resp:	138292
Ion Ratio	Lower	Upper	
93	100		
66	38.3	30.4	45.6
65	17.0	16.2	24.2





#7

Phenol-d6

Concen: 118.389 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

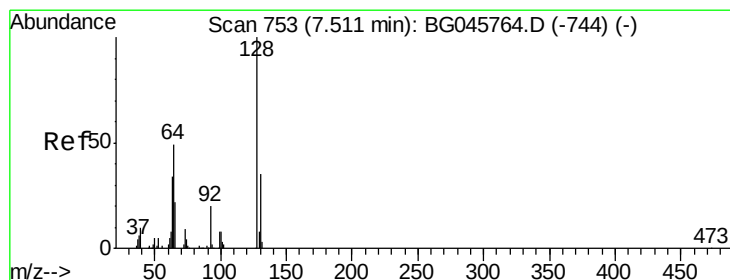
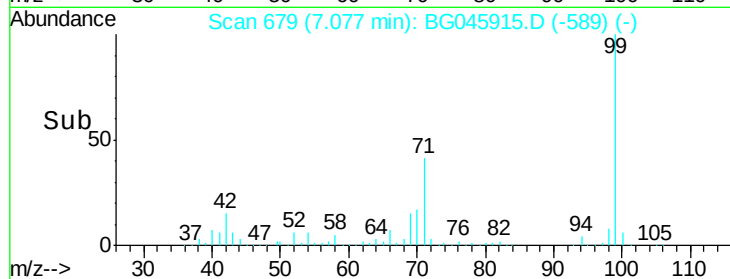
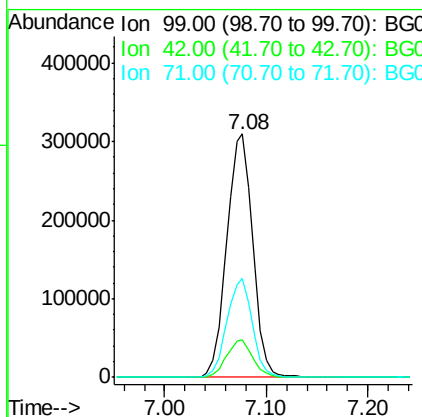
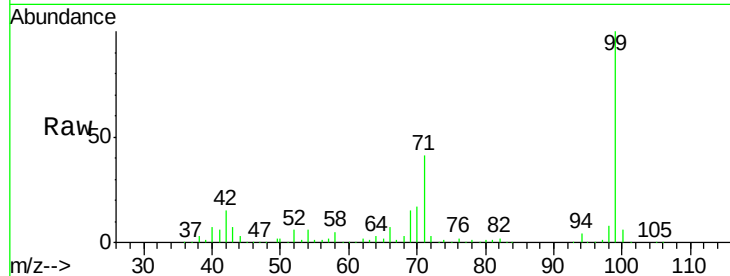
ClientSampleId :

SP2-LMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		548809		
42	15.4	11.8	17.8		
71	40.6	31.0	46.6		

Manual Integrations
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#8

2-Chlorophenol

Concen: 51.150 ng

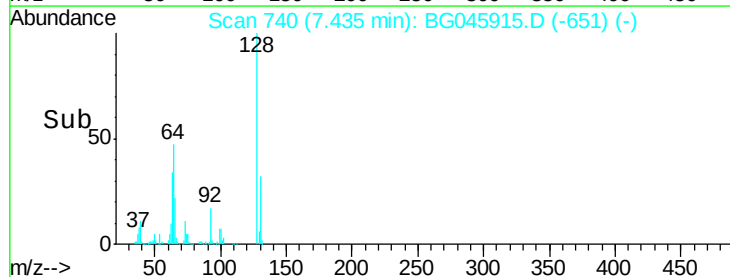
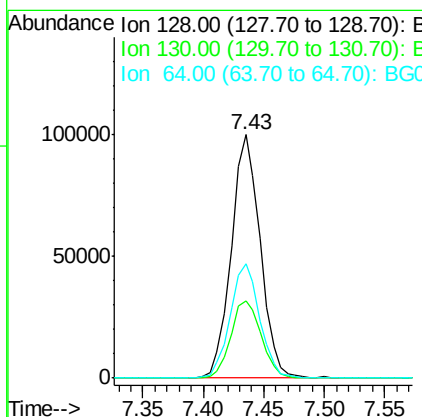
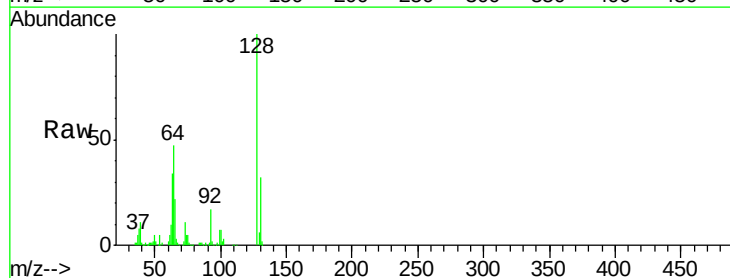
RT: 7.43 min Scan# 740

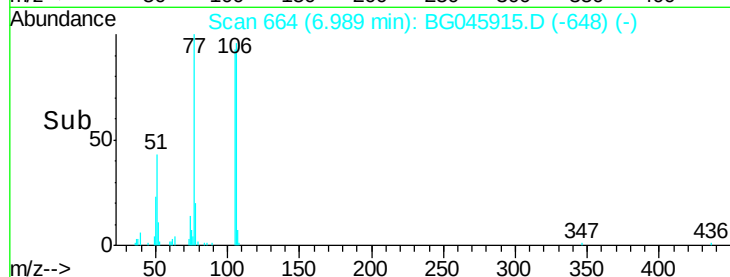
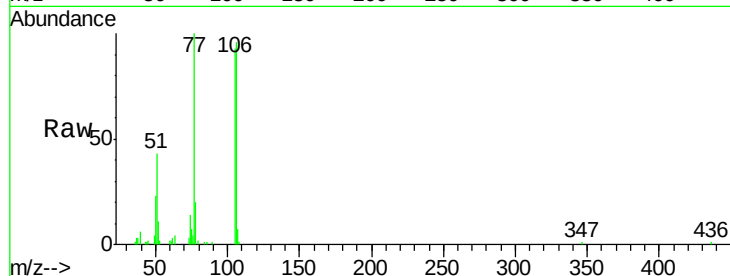
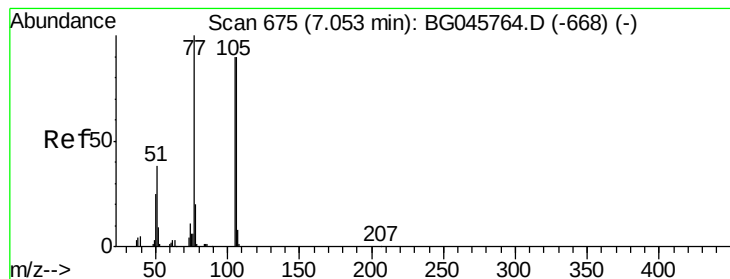
Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		166857		
130	31.6	13.7	53.7		
64	47.2	26.7	66.7		





#9

Benzaldehyde

Concen: 12.908 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tot Ion:	77	Resp:	35940
Ion	Ratio	Lower	Upper
77	100		
105	92.8	69.6	109.6
106	95.7	69.9	109.9

Instrument :

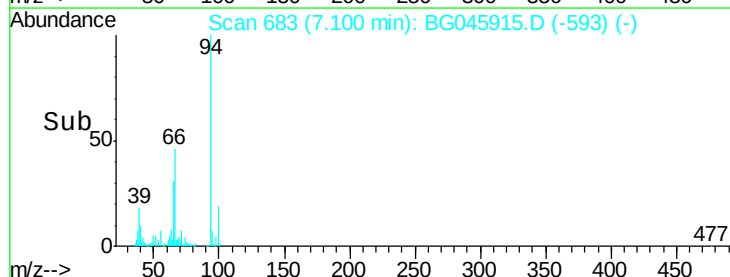
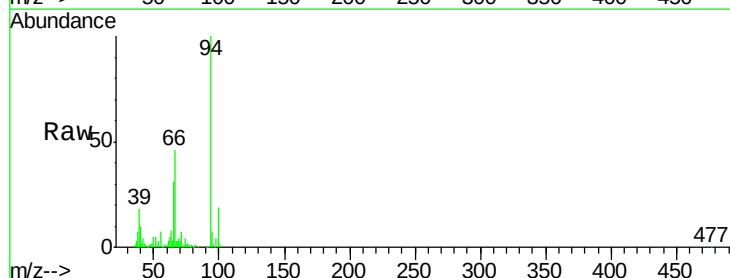
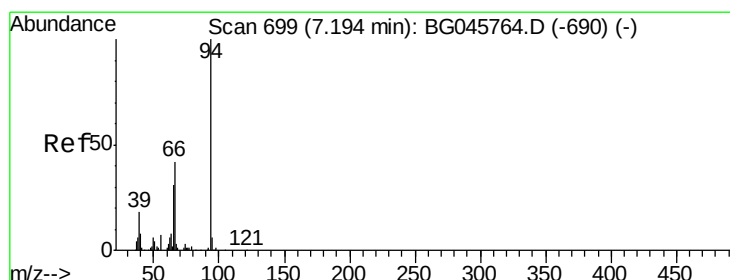
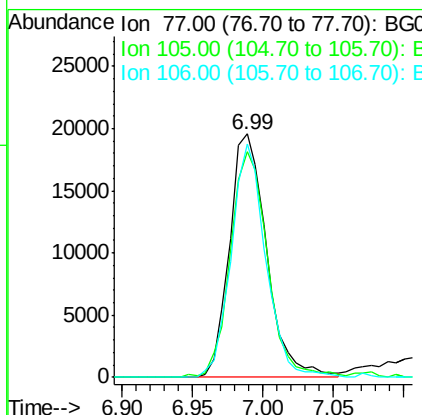
BNA_G

ClientSampled :

SP2-LMS

Manual Integrations
APPROVED

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#10

Phenol

Concen: 43.490 ng

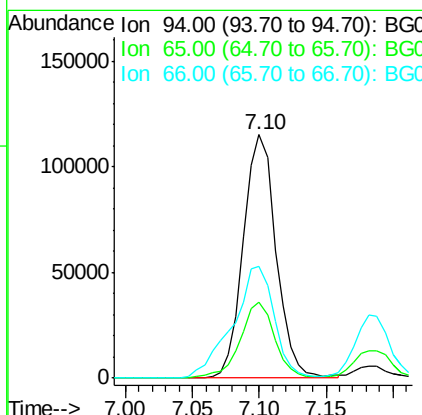
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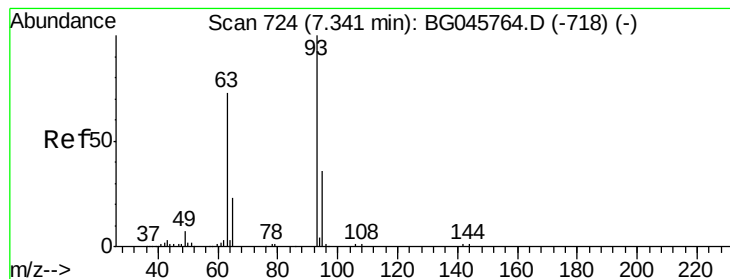
Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	94	Resp:	195342
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.4	49.4
66	46.0	24.6	64.6





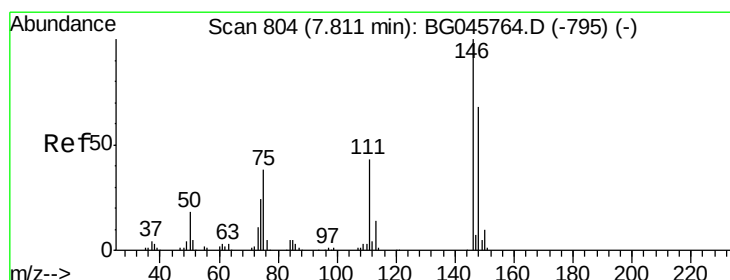
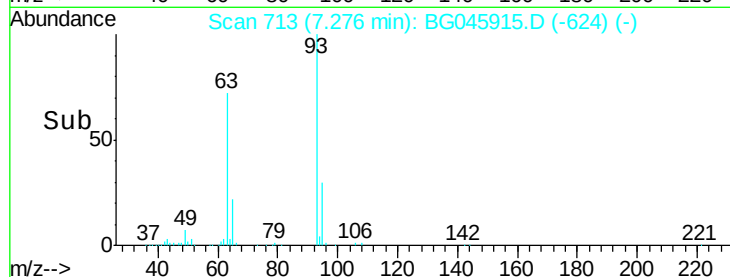
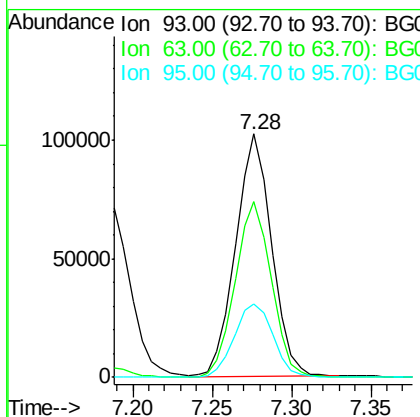
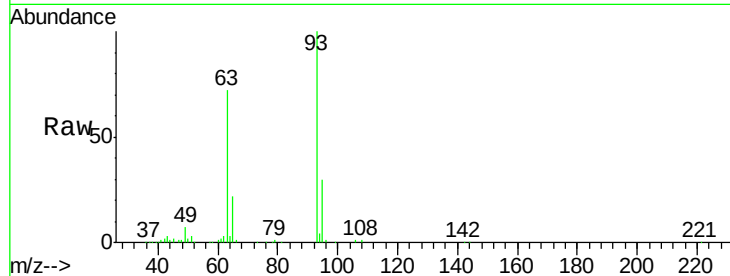
#11
bis(2-Chloroethyl)ether
Concen: 47.125 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	160774		
63	72.1		52.8	92.8
95	30.3		13.0	53.0

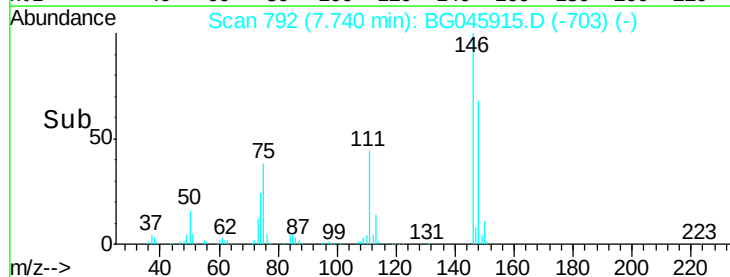
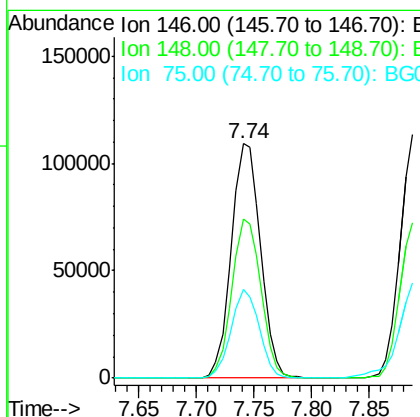
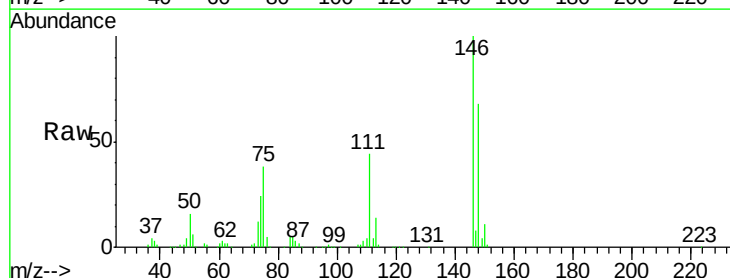
Manual Integrations
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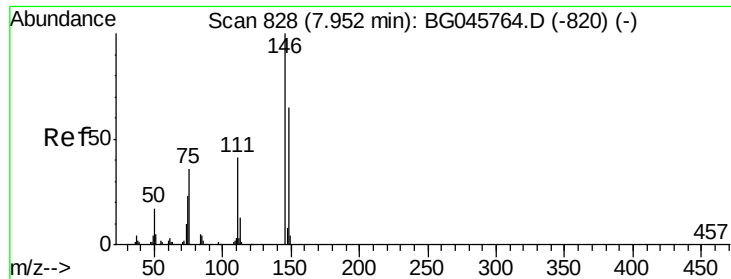
Sohil
7/7/2020 8:19:37 AM



#12
1,3-Dichlorobenzene
Concen: 49.387 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	191989		
148	67.7		55.1	82.7
75	37.6		31.4	47.0





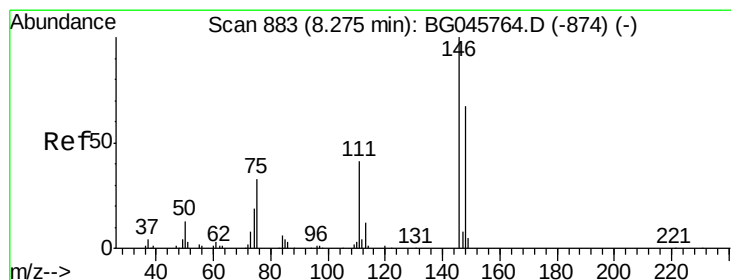
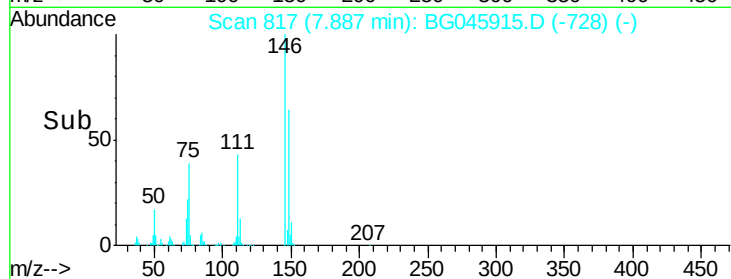
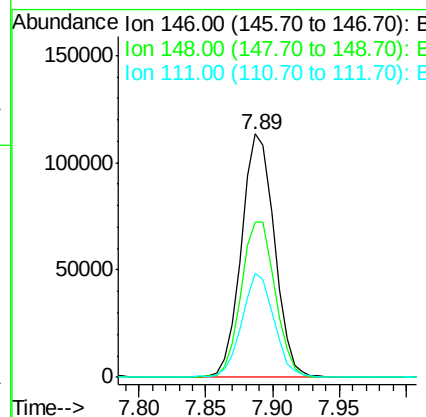
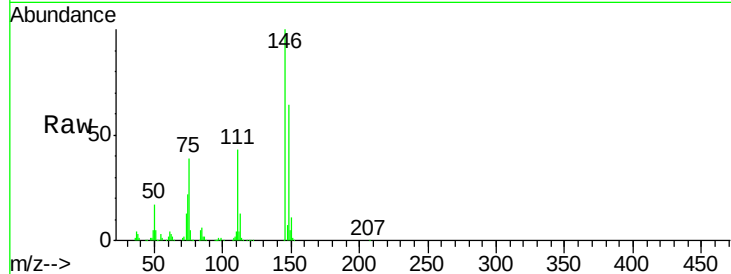
#13
1,4-Dichlorobenzene
Concen: 50.031 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.2	81.4
111	42.8	35.1	52.7

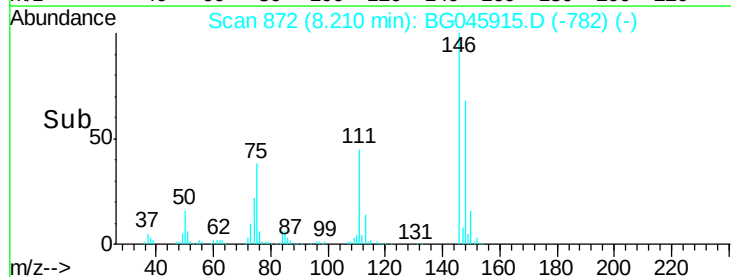
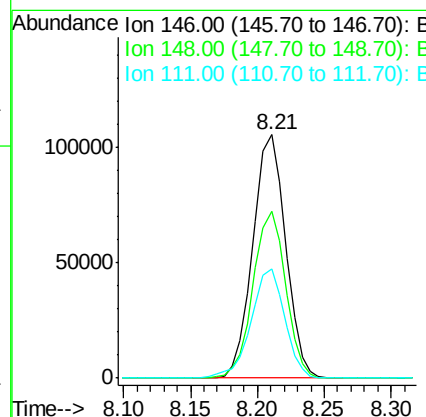
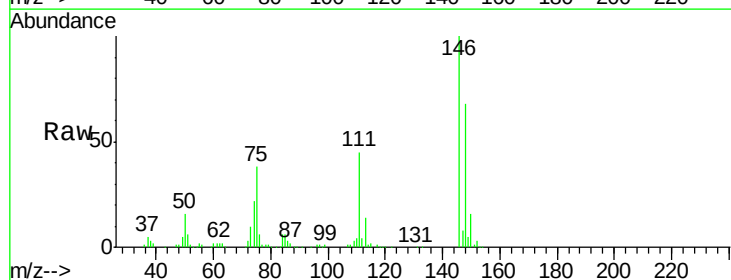
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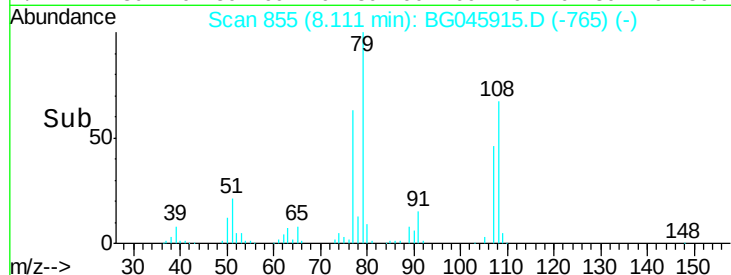
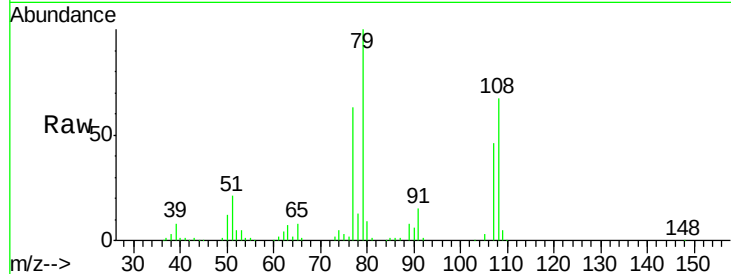
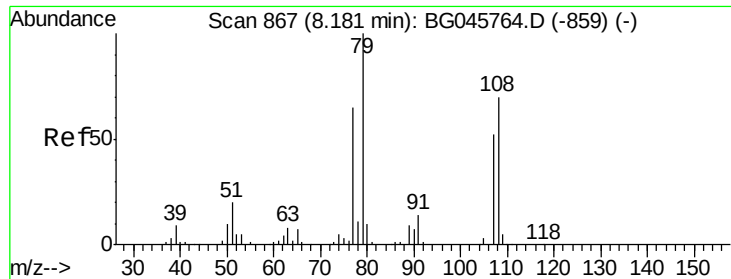
Sohil
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#14
1,2-Dichlorobenzene
Concen: 48.198 ng
RT: 8.21 min Scan# 872
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	53.3	79.9
111	44.7	34.4	51.6





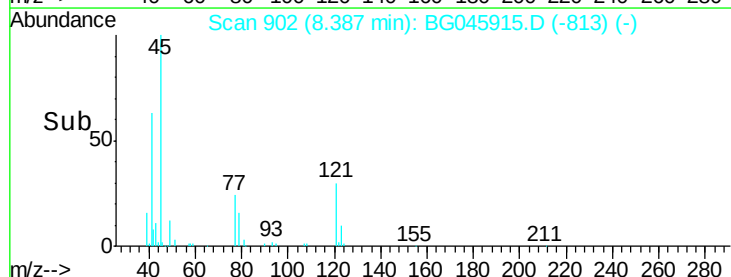
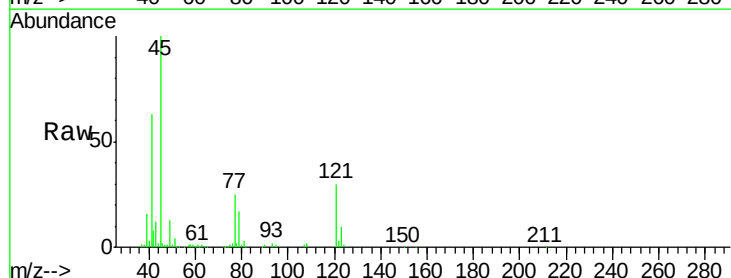
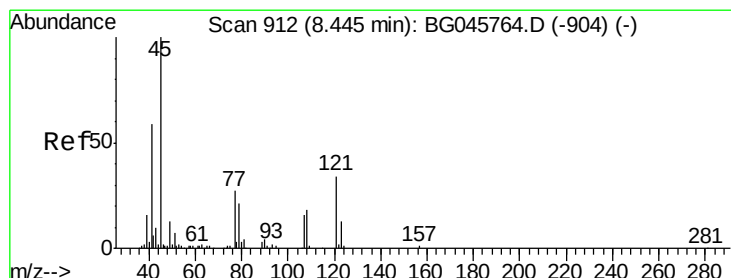
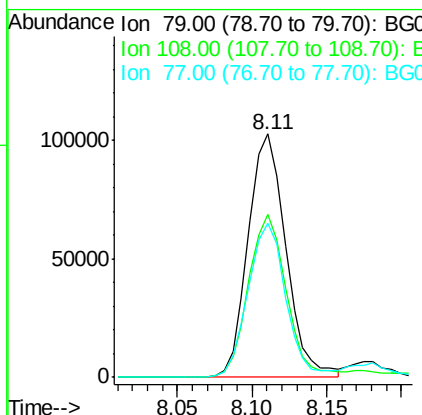
#15
Benzyl Alcohol
Concen: 50.276 ng
RT: 8.11 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.7	50.7	76.1
77	63.3	50.4	75.6

Instrument :
BNA_G
ClientSampled :
SP2-LMS

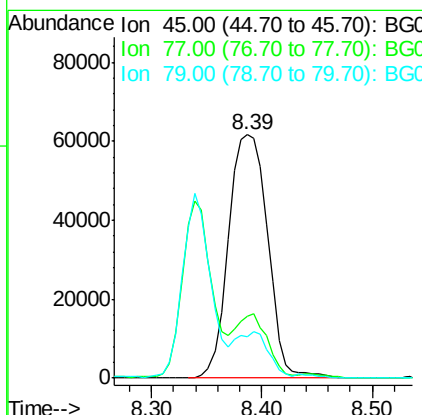
Manual Integrations
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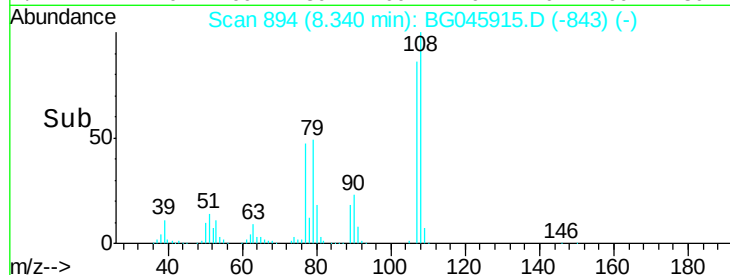
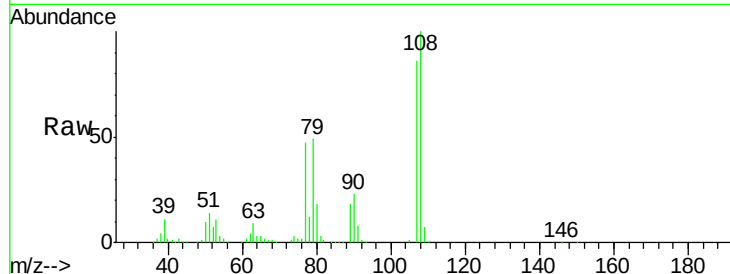
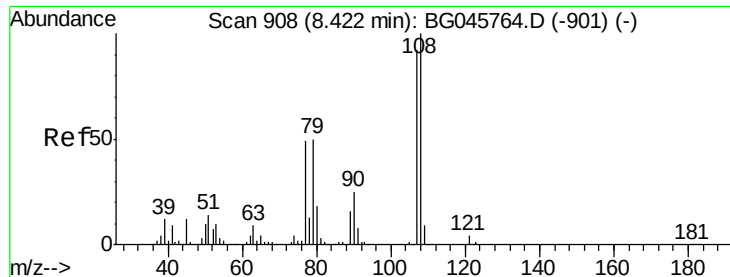
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.822 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.2	4.1	44.1
79	17.1	0.0	38.0





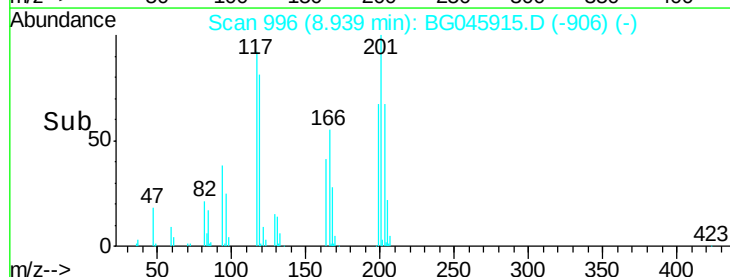
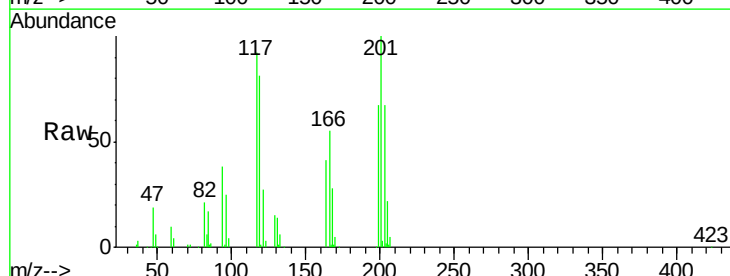
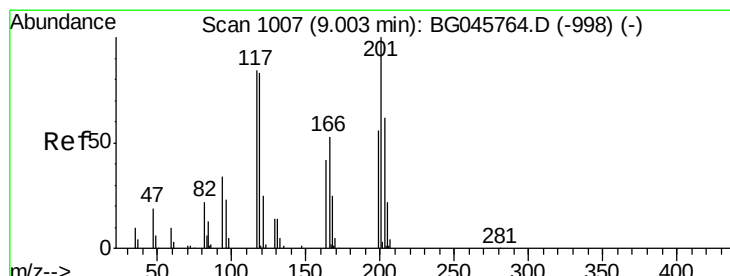
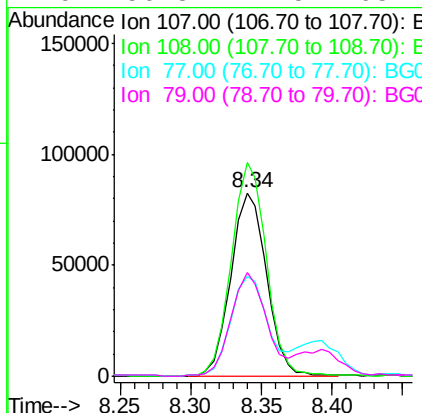
#17
2-Methylphenol
Concen: 43.680 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tot Ion	107	Resp	146008
Ion Ratio	Lower	Upper	
107	100		
108	116.3	87.1	130.7
77	54.1	43.7	65.5
79	56.8	42.5	63.7

Instrument :
BNA_G
ClientSampled :
SP2-LMS

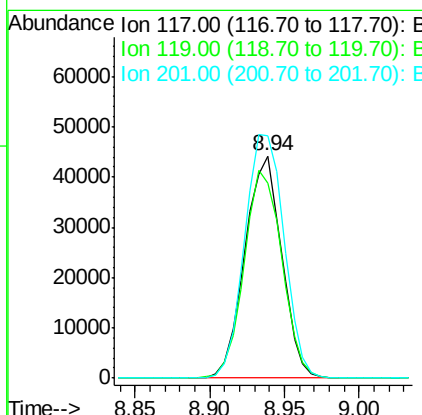
Manual Integrations
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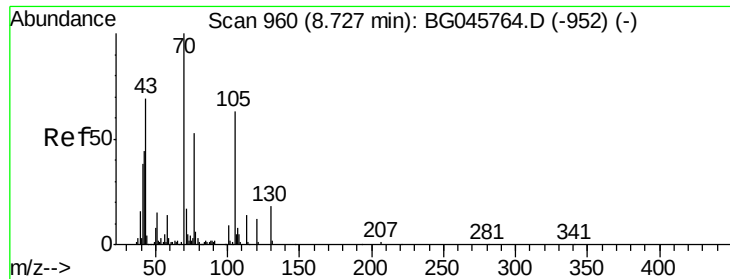
Sohil
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#18
Hexachloroethane
Concen: 51.151 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	117	Resp	75435
Ion Ratio	Lower	Upper	
117	100		
119	87.9	74.6	111.8
201	108.9	94.6	141.8





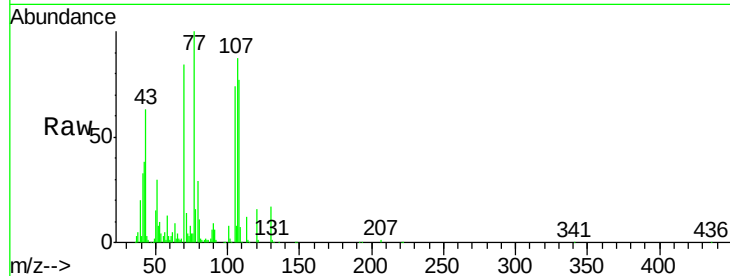
#19
n-Nitroso-di-n-propylamine
Concen: 49.393 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

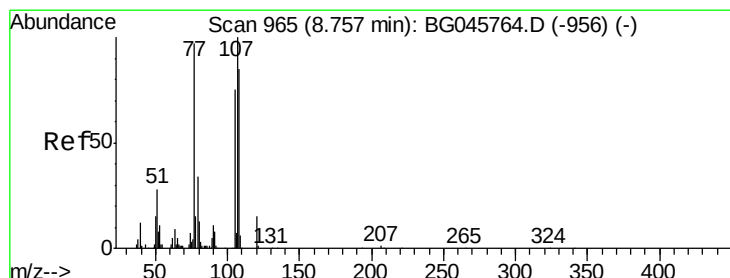
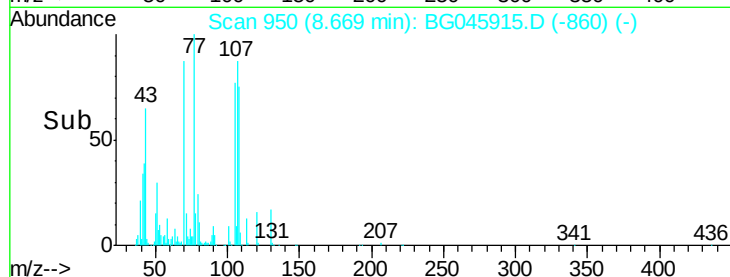
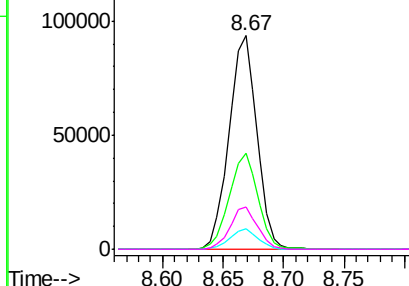
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.1	35.6	53.4
101	9.9	6.6	10.0
130	19.7	14.8	22.2

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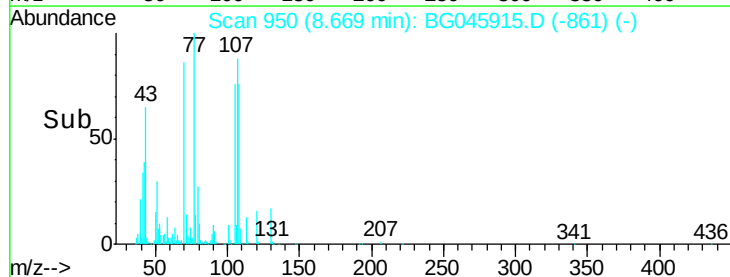
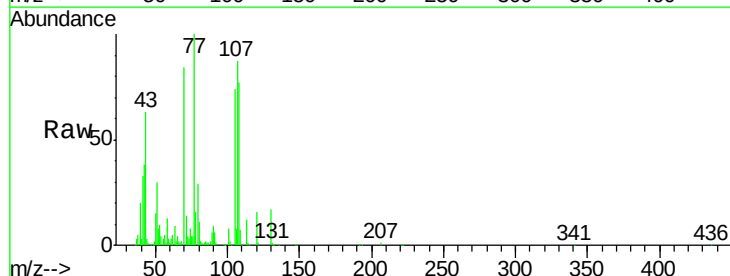
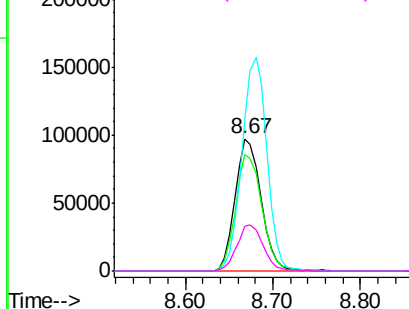
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

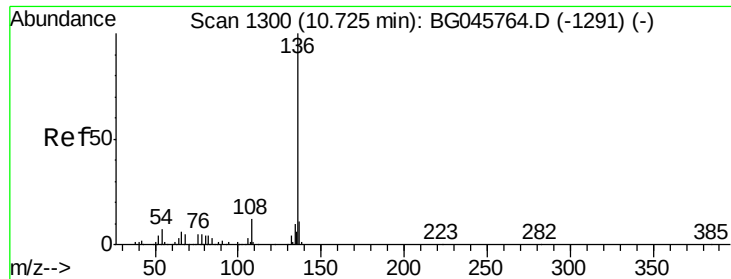


#20
3+4-Methylphenols
Concen: 44.456 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.4	109.4
77	114.4	101.0	141.0
79	33.6	14.4	54.4

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

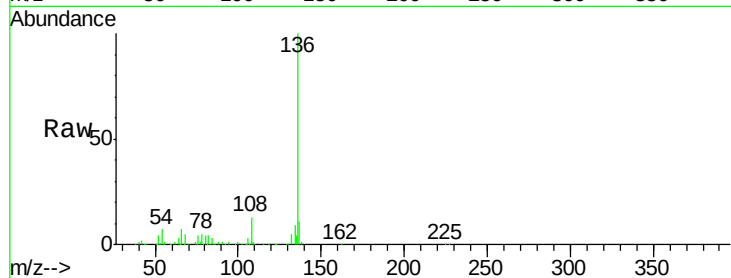
ClientSampleId :

SP2-LMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		195580		
137	10.9		8.2	12.4	
54	7.2		4.6	7.0#	
68	5.2		5.0	7.4	

Manual Integrations
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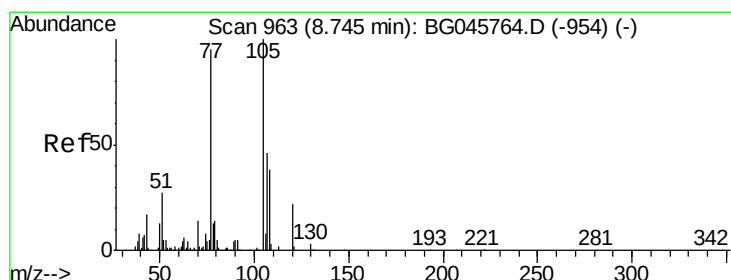
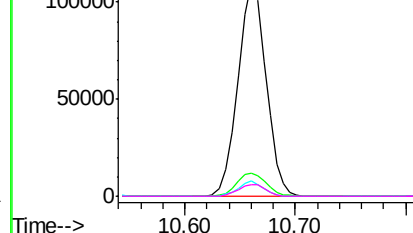
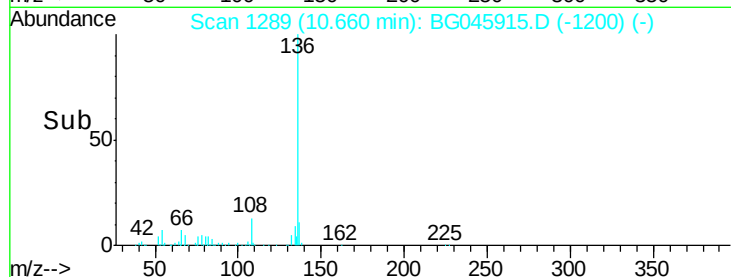


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 49.304 ng

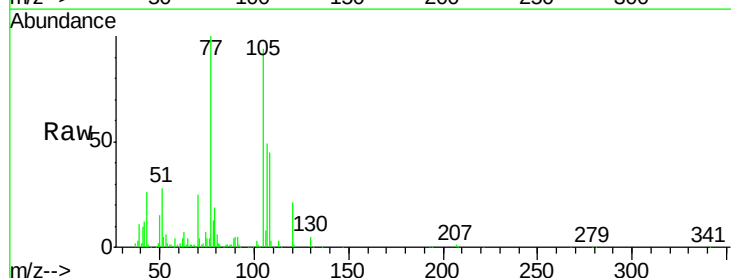
RT: 8.68 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		264668		
71	4.1		2.2	3.4#	
51	29.7		24.4	36.6	
120	22.3		16.0	24.0	

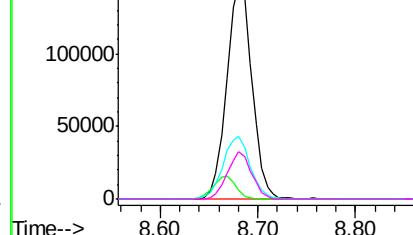
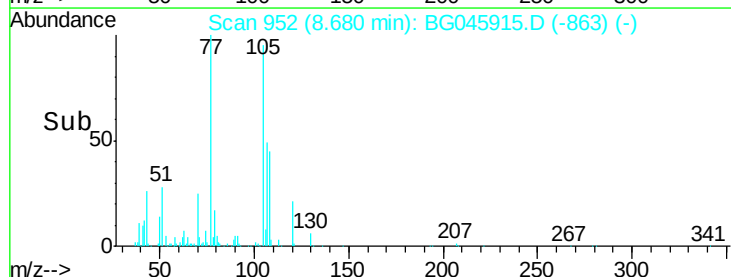


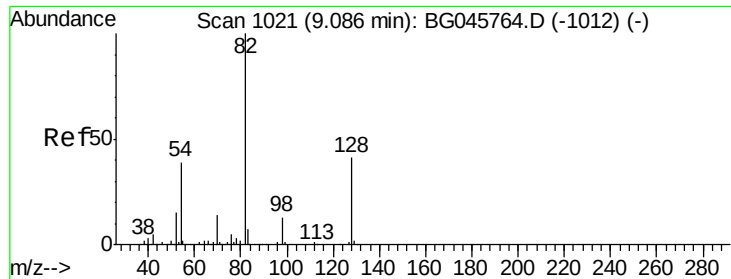
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





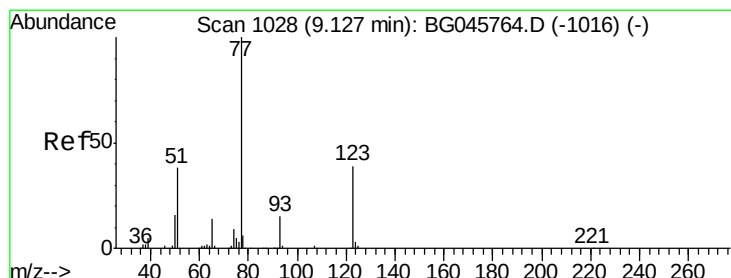
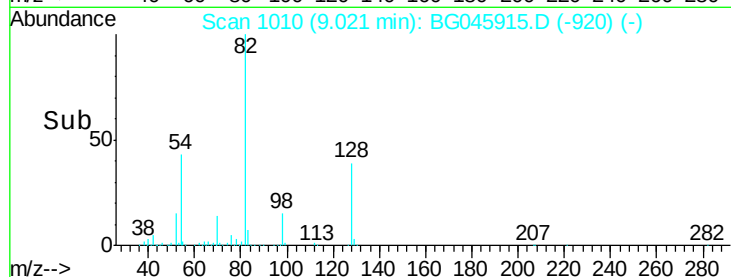
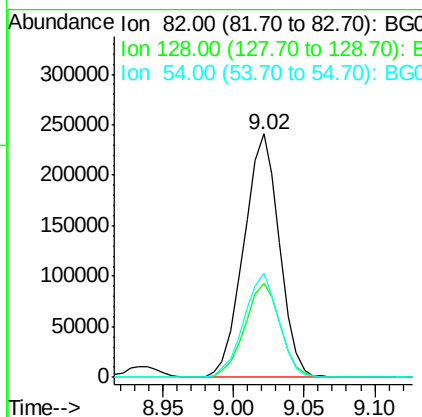
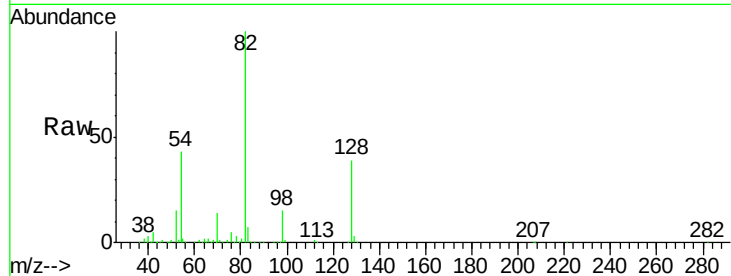
#23
 Nitrobenzene-d5
 Concen: 99.326 ng
 RT: 9.02 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion	82	Resp	425235
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.9	44.9
54	42.7	33.3	49.9

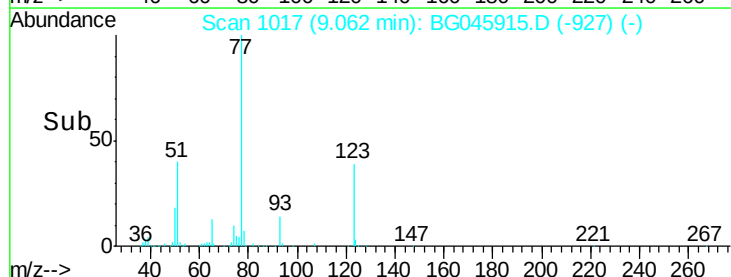
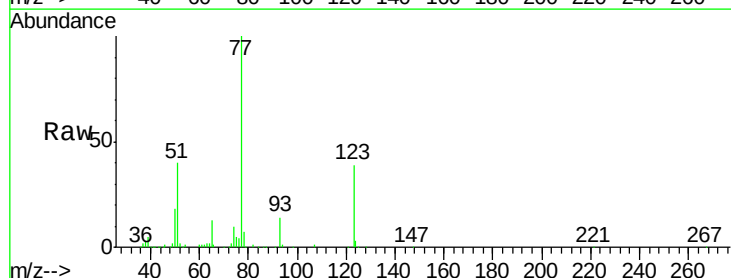
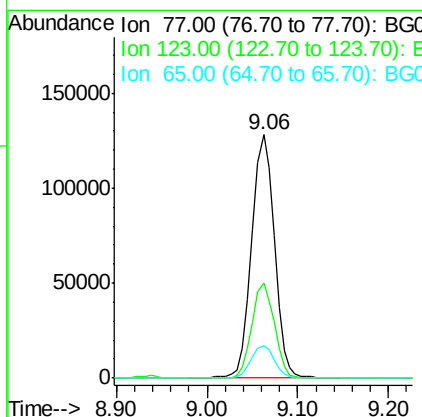
Manual Integrations
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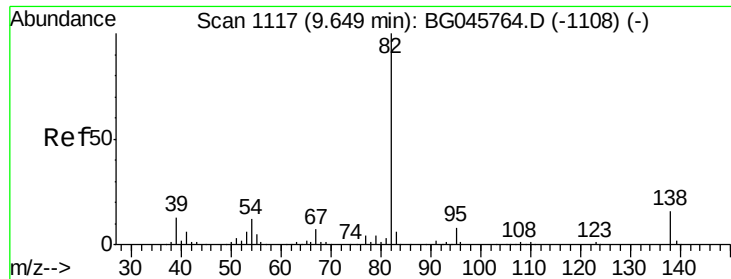
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#24
 Nitrobenzene
 Concen: 49.197 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	77	Resp	224574
Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.3	45.5
65	13.2	11.0	16.6





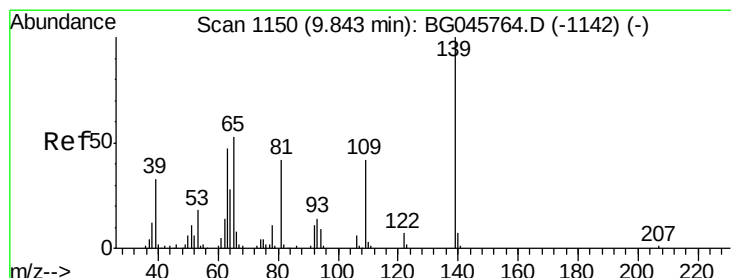
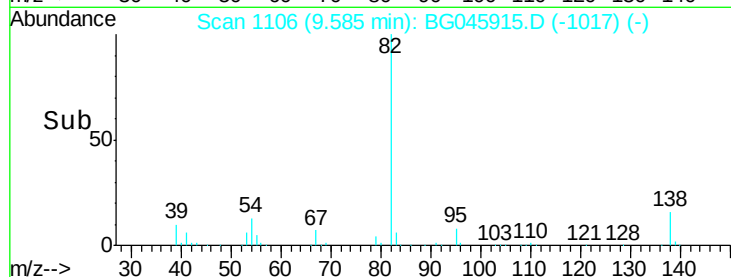
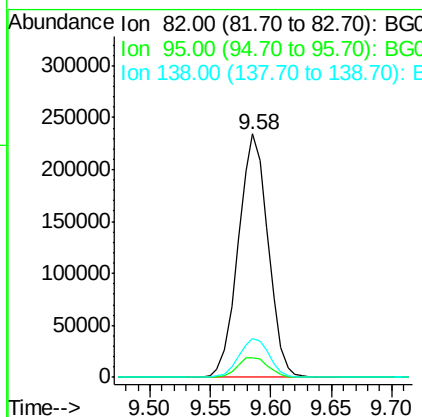
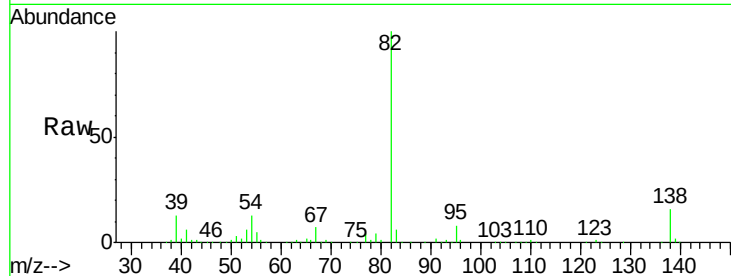
#25
Isophorone
Concen: 48.665 ng
RT: 9.58 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.9	6.4	9.6
138	16.2	12.4	18.6

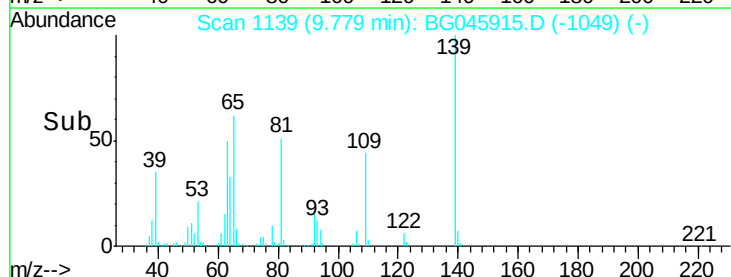
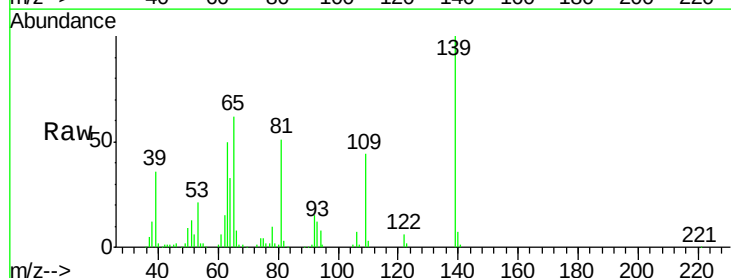
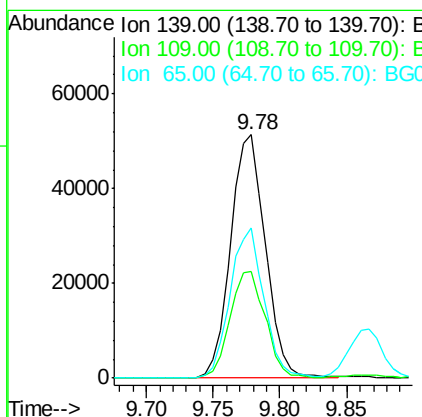
Manual Integrations
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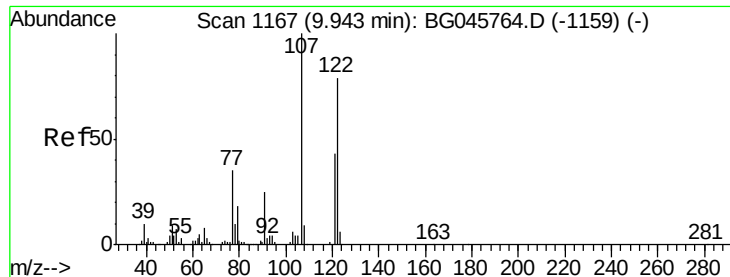
Sohil
7/7/2020 8:19:37 AM



#26
2-Nitrophenol
Concen: 48.987 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	44.0	34.2	51.4
65	61.9	47.6	71.4





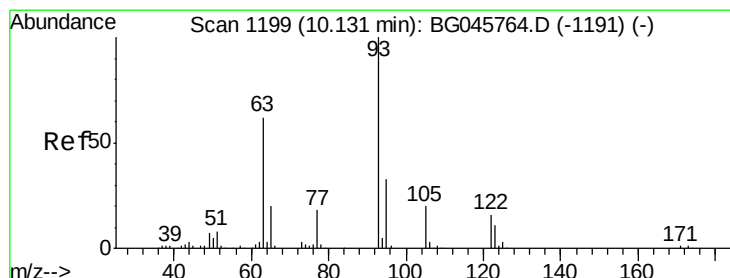
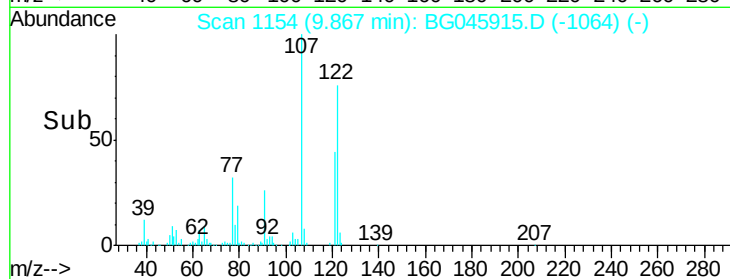
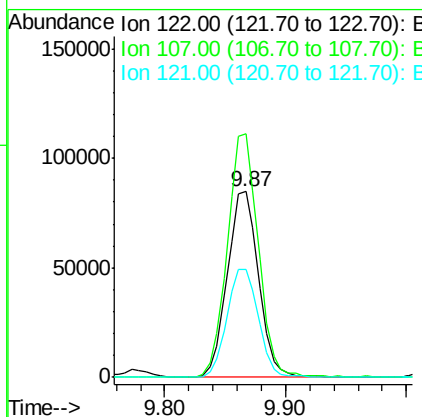
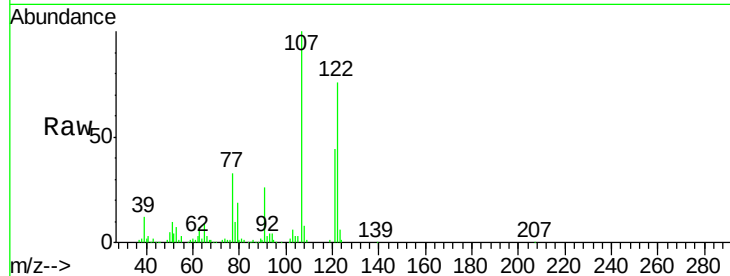
#27
 2,4-Dimethylphenol
 Concen: 52.630 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampled :
 SP2-LMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	106.1	159.1
121	58.1	49.0	73.6

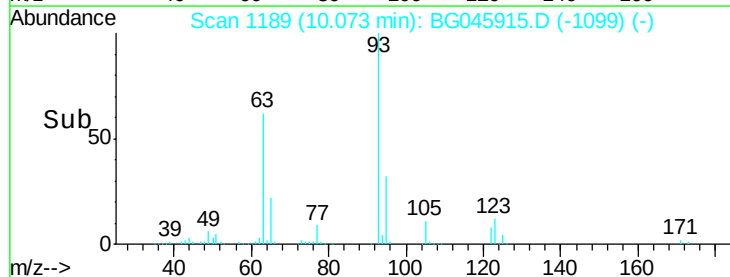
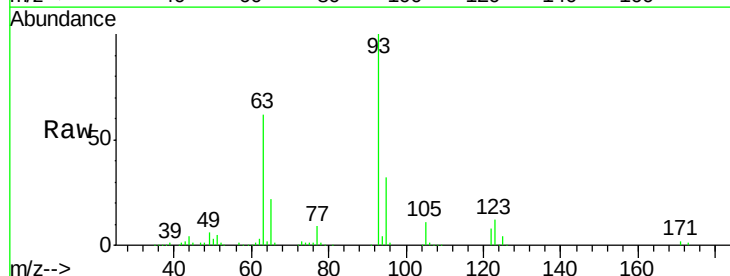
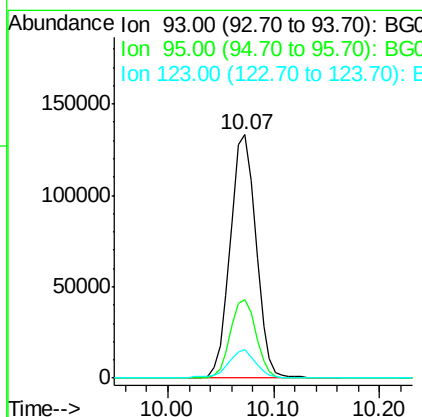
Manual Integrations
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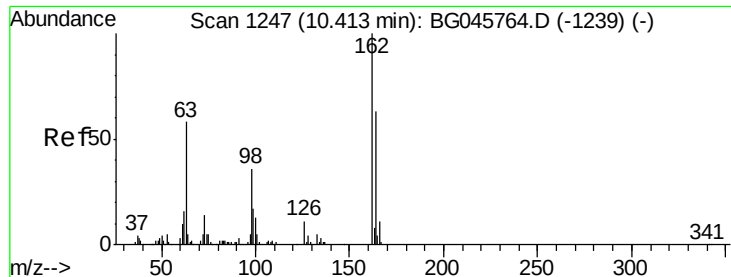
Sohil
 7/7/2020 8:19:37 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.934 ng
 RT: 10.07 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	28.2	42.2
123	11.6	9.2	13.8





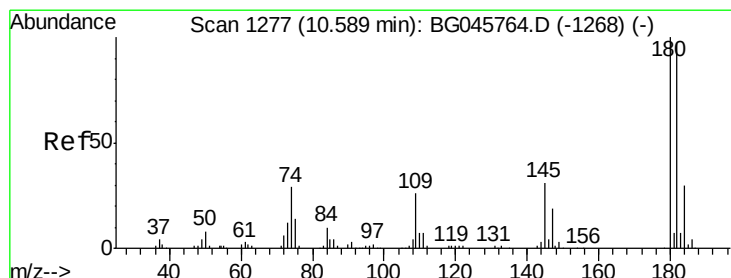
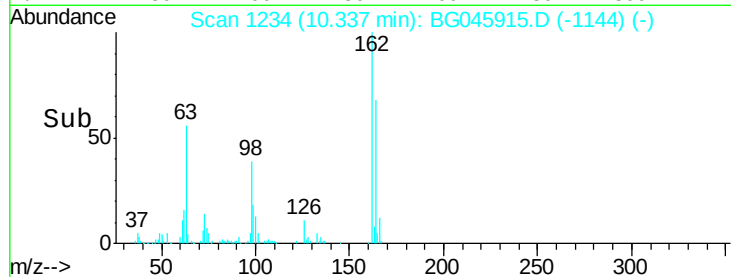
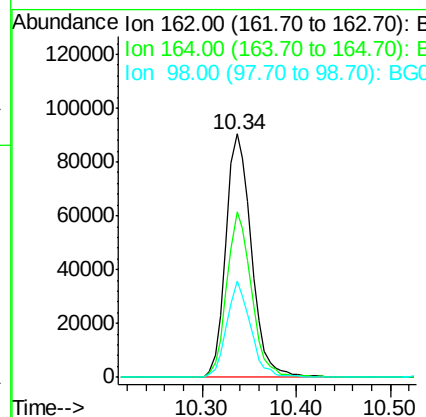
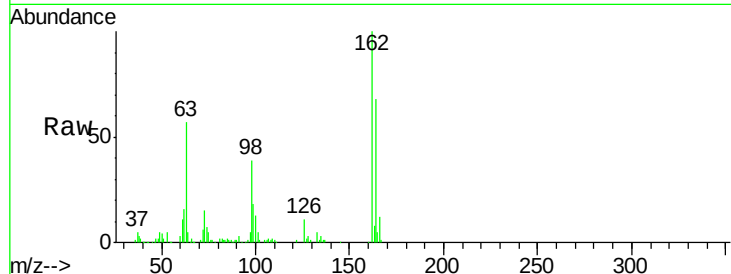
#29
 2,4-Dichlorophenol
 Concen: 50.689 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion:	162	Resp:	171711
Ion Ratio	Lower	Upper	
162	100		
164	67.8	41.9	81.9
98	39.4	17.1	57.1

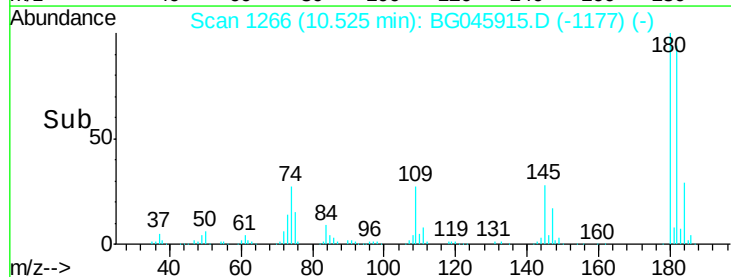
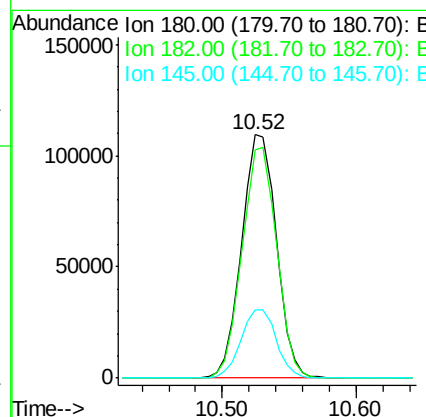
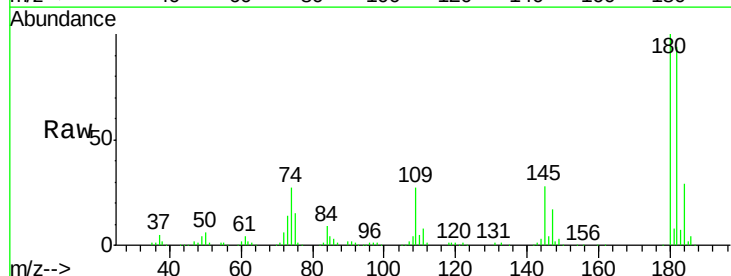
Manual Integrations
 APPROVED

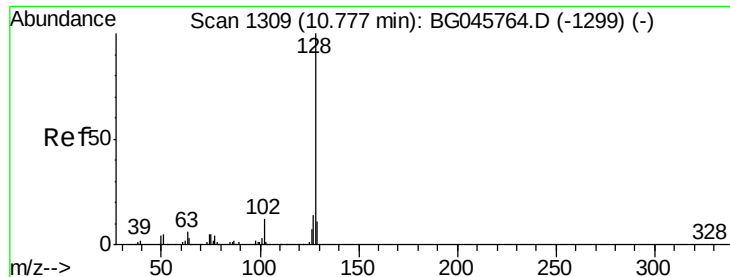
Sohil
 7/7/2020 8:19:37 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.167 ng
 RT: 10.52 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:	180	Resp:	197175
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.8	113.6
145	28.1	22.7	34.1





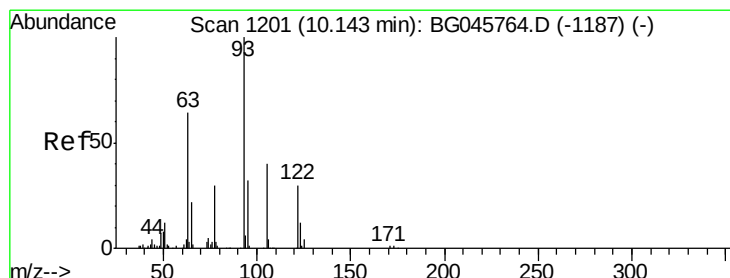
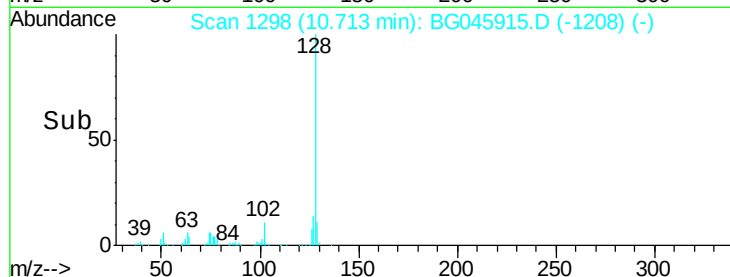
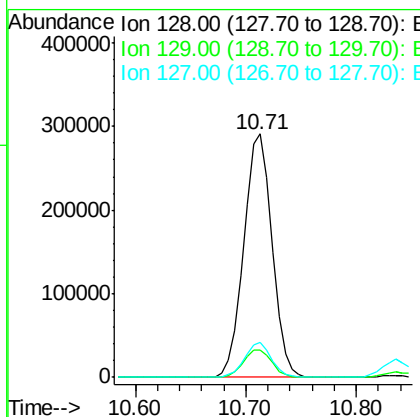
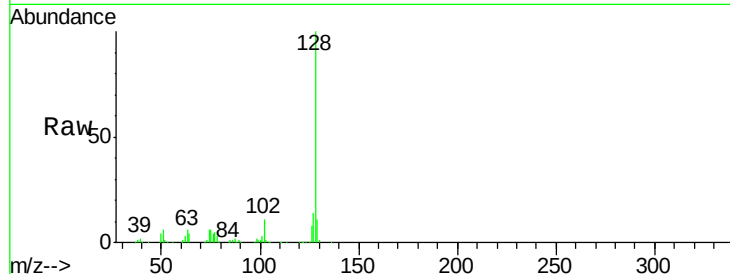
#31
Naphthalene
Concen: 49.013 ng
RT: 10.71 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	14.3	10.8	16.2

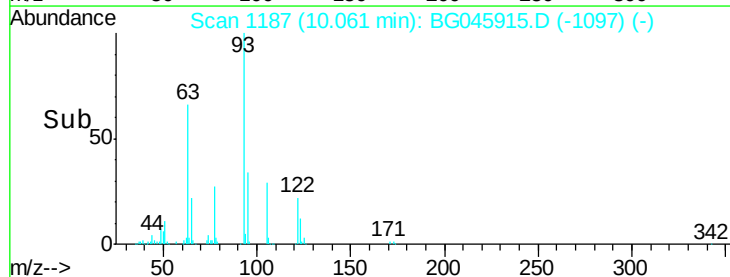
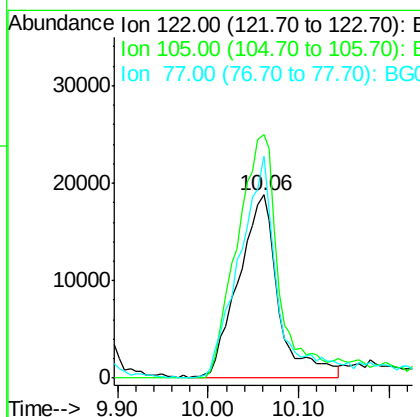
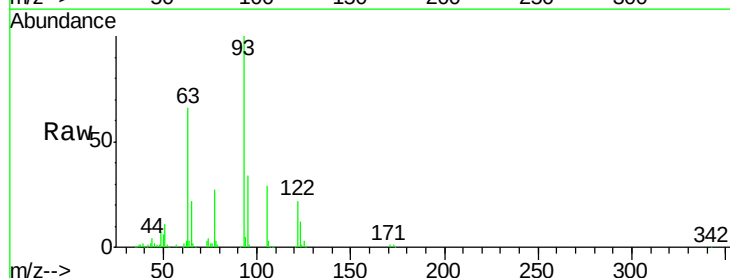
Manual Integrations
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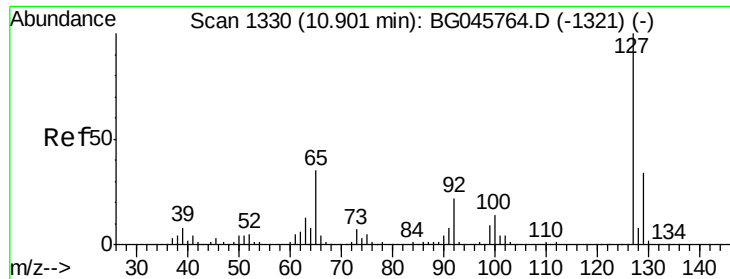
Sohil
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#32
Benzoic acid
Concen: 34.061 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	123.1	163.1
77	121.1	93.9	133.9





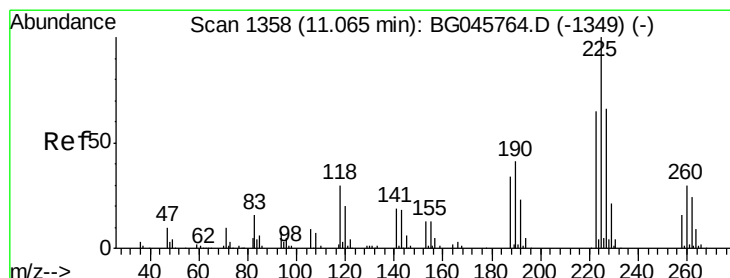
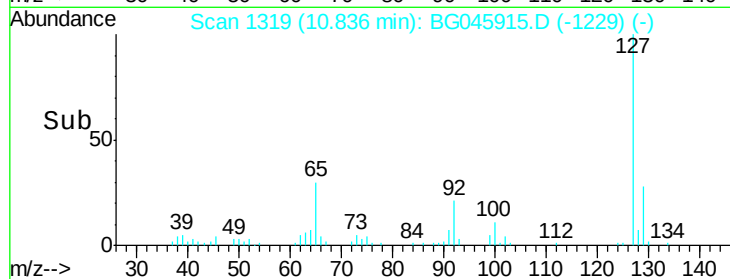
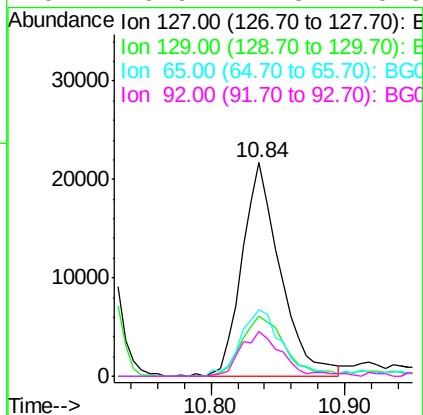
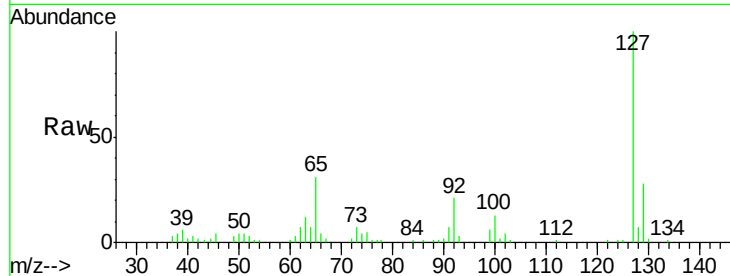
#33
4-Chloroaniline
Concen: 9.570 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42854		
129	28.4	26.2	39.2		
65	31.1	26.9	40.3		
92	20.9	17.8	26.6		

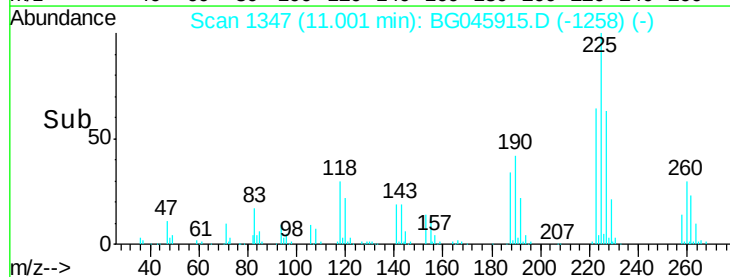
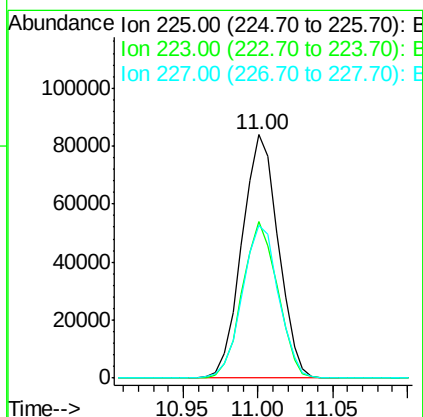
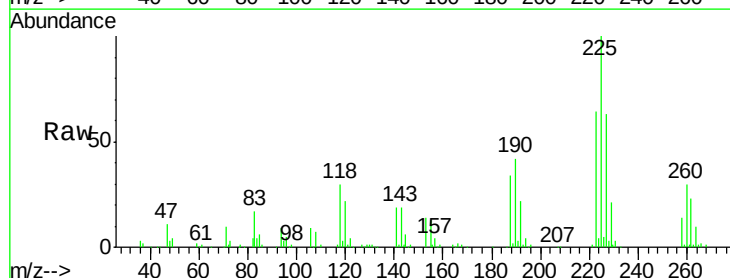
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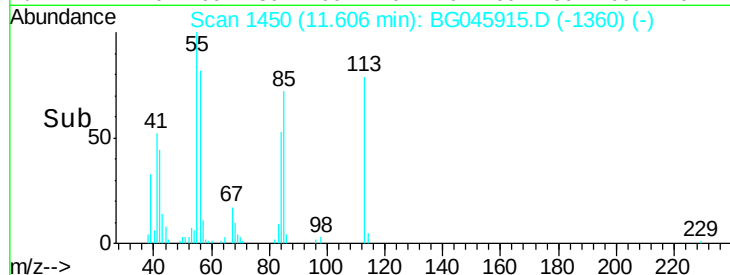
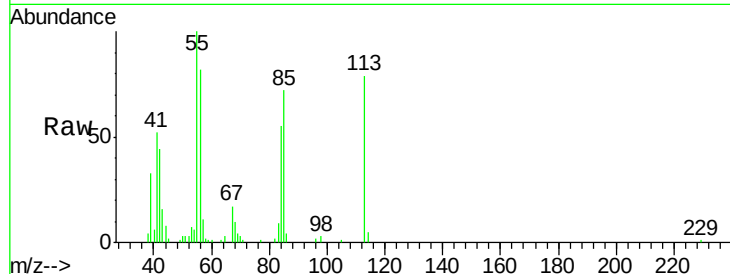
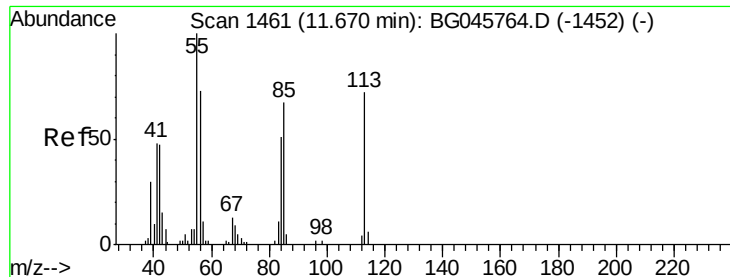
Sohil
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#34
Hexachlorobutadiene
Concen: 49.452 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		141041		
223	64.3	52.0	78.0		
227	62.6	51.6	77.4		





#35

Caprolactam

Concen: 45.696 ng/mL

RT: 11.61 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

Tot Ion:113 Resp: 50092

Ion Ratio Lower Upper

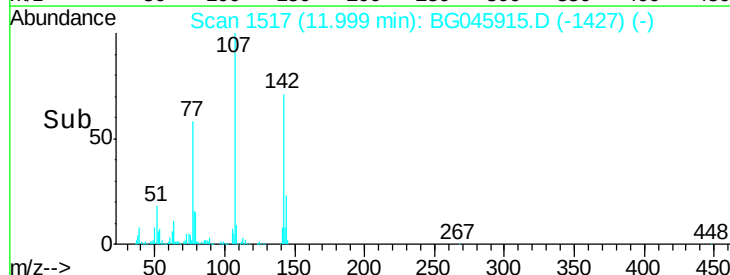
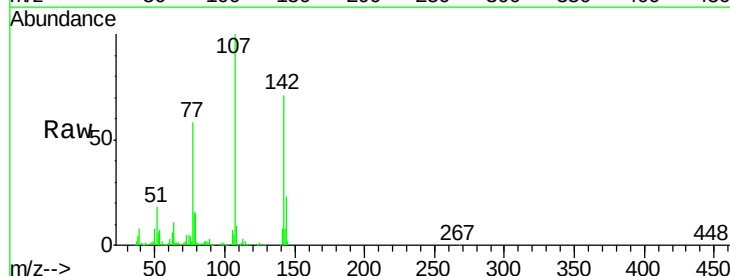
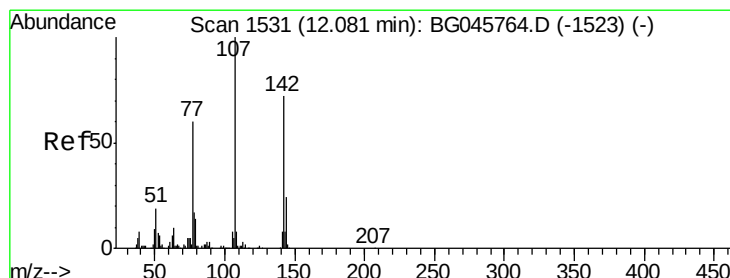
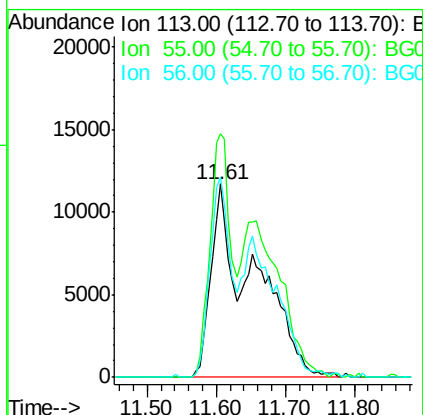
113 100

55 126.0 110.6 150.6

56 103.8 81.1 121.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 51.059 ng/mL

RT: 12.00 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

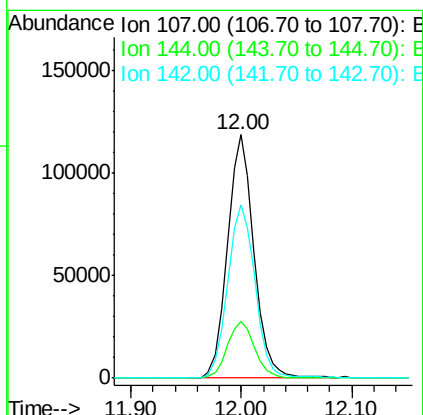
Tgt Ion:107 Resp: 199707

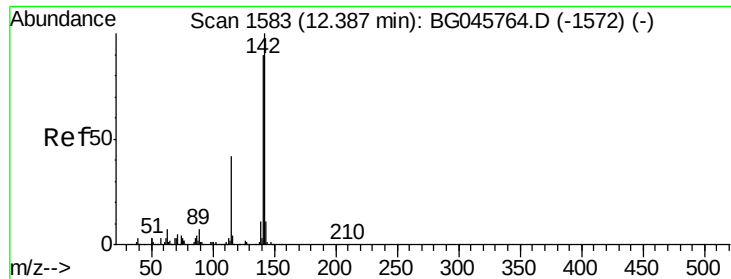
Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

142 70.9 55.6 83.4





#37

2-Methylnaphthalene

Concen: 50.329 ng

RT: 12.33 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

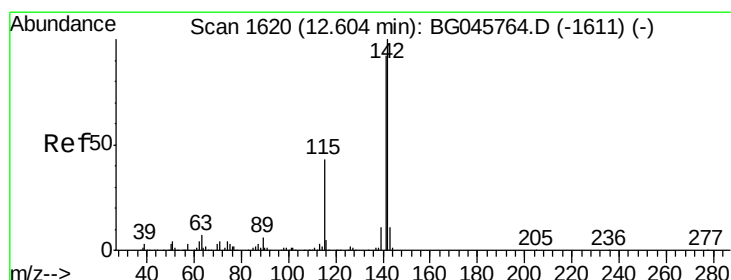
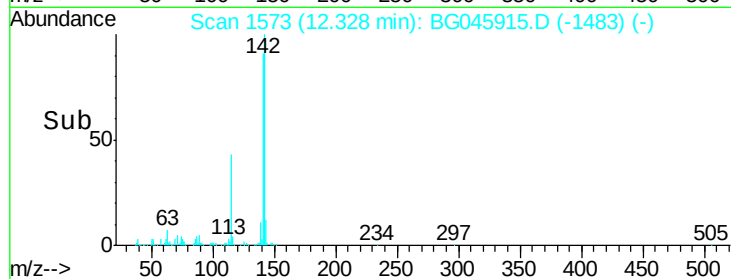
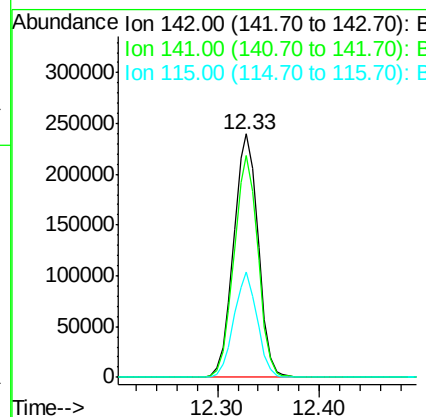
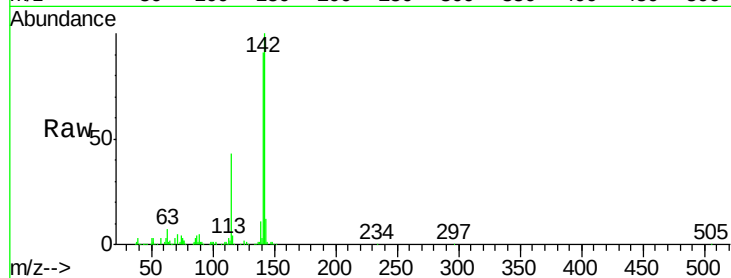
ClientSampleId :

SP2-LMS

Tot Ion:	142	Resp:	400733
Ion Ratio	Lower	Upper	
142	100		
141	91.2	71.9	107.9
115	43.3	31.7	47.5

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 50.119 ng

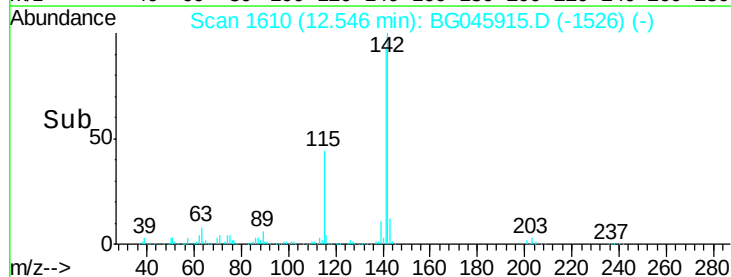
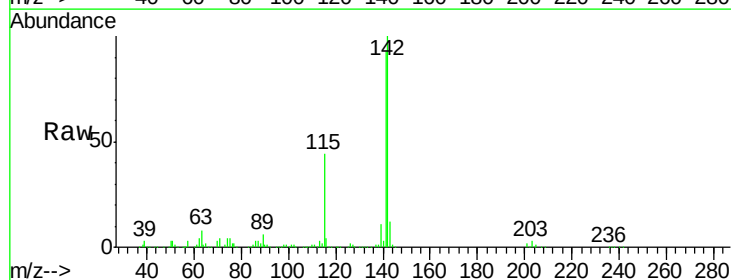
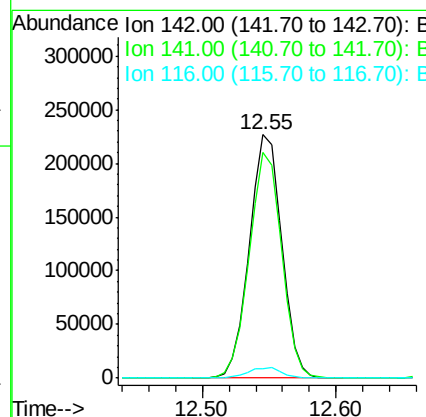
RT: 12.55 min Scan# 1610

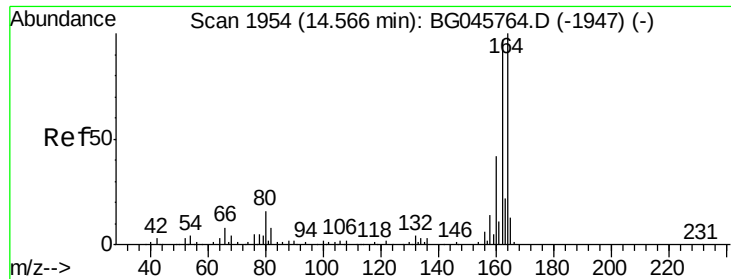
Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	142	Resp:	377634
Ion Ratio	Lower	Upper	
142	100		
141	92.6	74.5	111.7
116	4.0	3.4	5.2





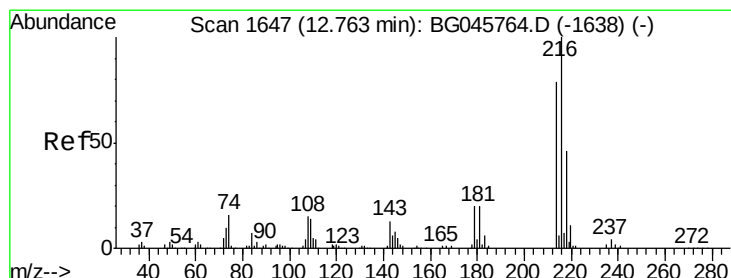
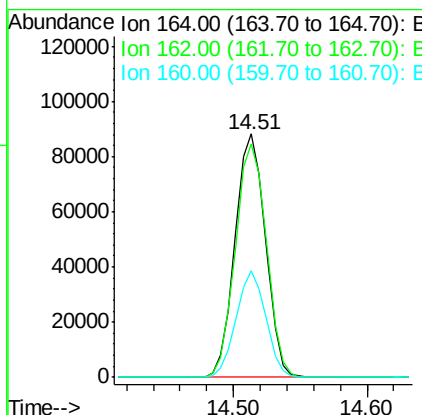
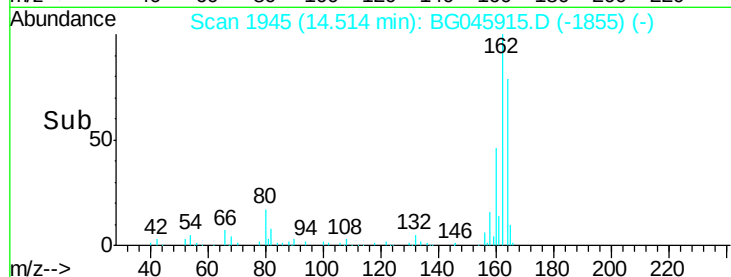
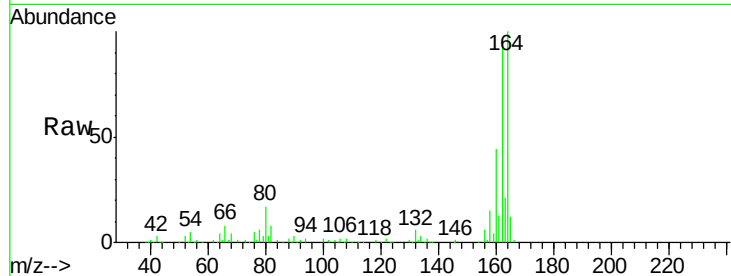
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.0	78.8	118.2
160	44.0	33.8	50.6

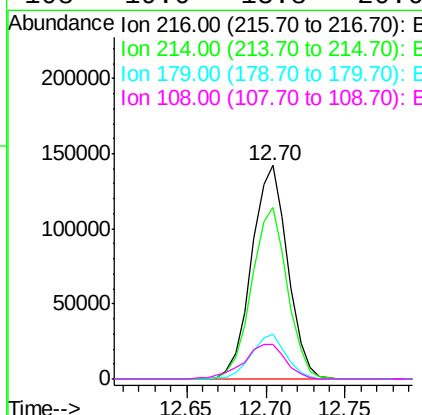
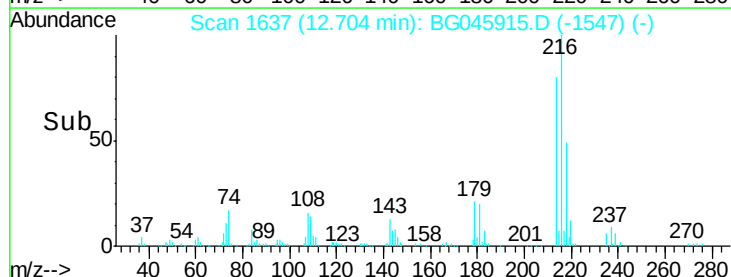
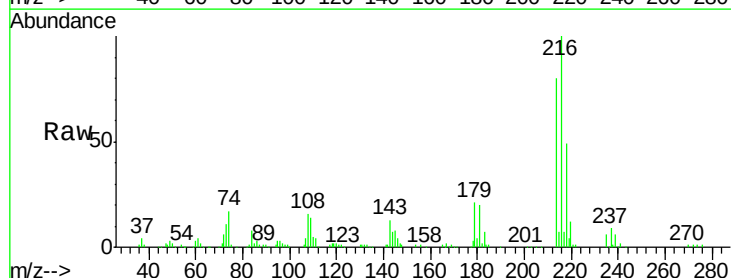
Manual Integrations
APPROVED

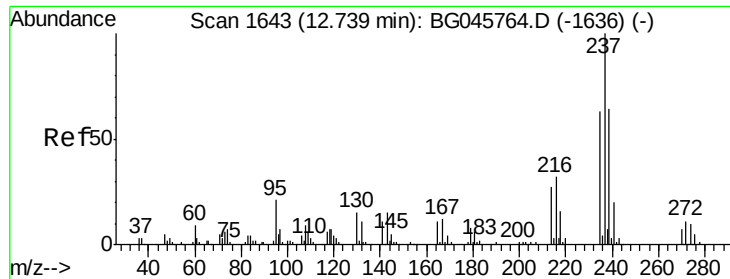
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.994 ng
RT: 12.70 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	61.8	92.8
179	20.4	15.8	23.6
108	19.0	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 94.009 ng

RT: 12.68 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

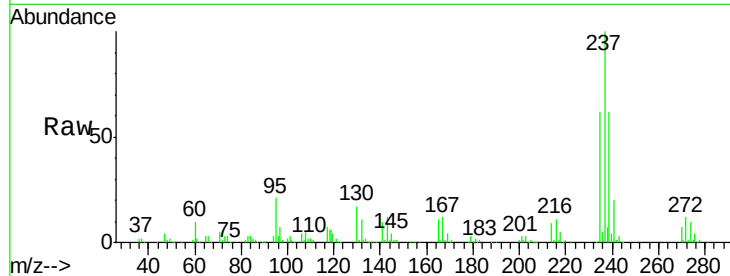
ClientSampleId :

SP2-LMS

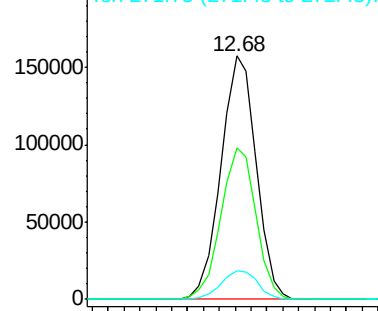
Tot Ion:	237	Resp:	242593
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.3	83.3
272	11.8	0.0	33.3

Manual Integrations
APPROVED

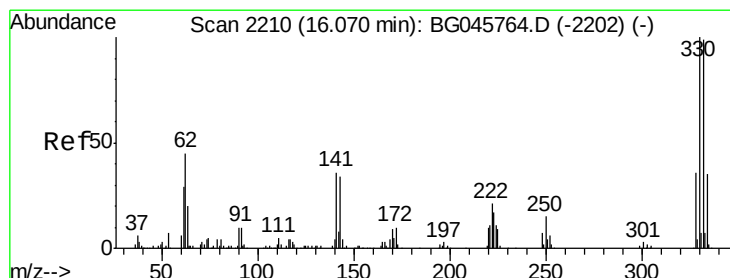
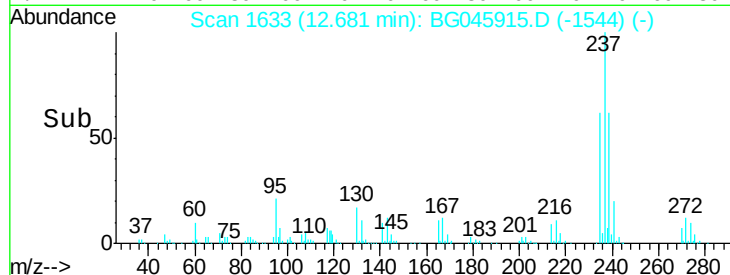
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



Time--> 12.60 12.65 12.70 12.75



#42

2,4,6-Tribromophenol

Concen: 141.376 ng

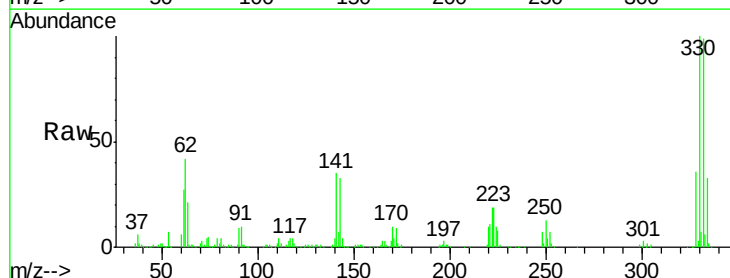
RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

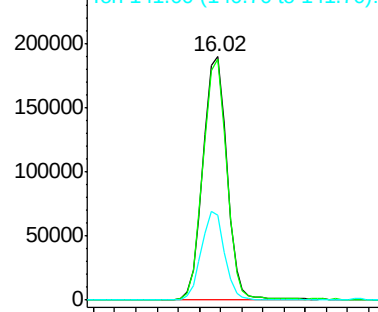
Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

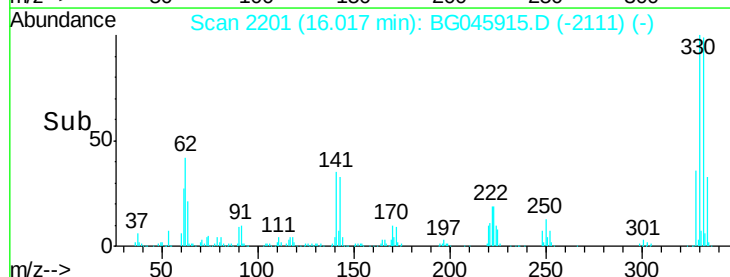
Tgt Ion:	330	Resp:	297611
Ion Ratio	Lower	Upper	
330	100		
332	97.9	79.4	119.0
141	35.4	28.2	42.2

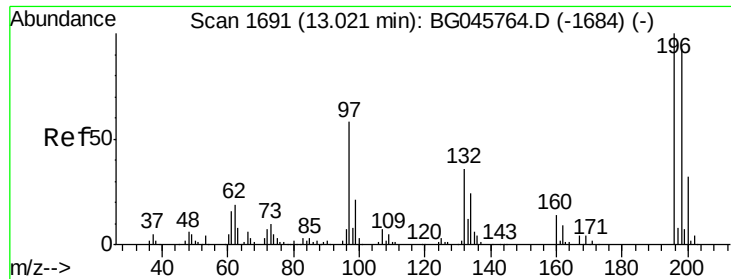


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 15.90 16.00 16.10





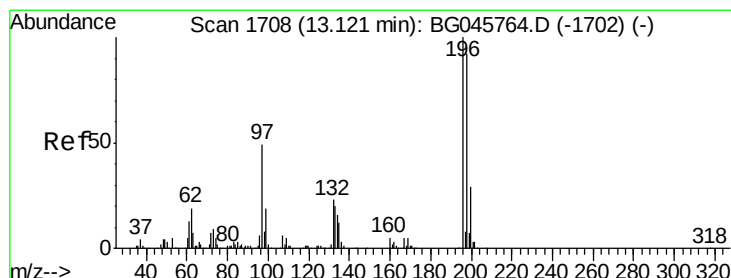
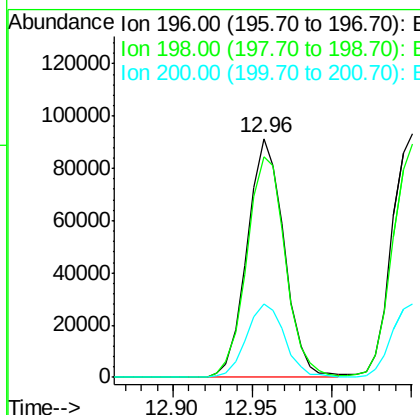
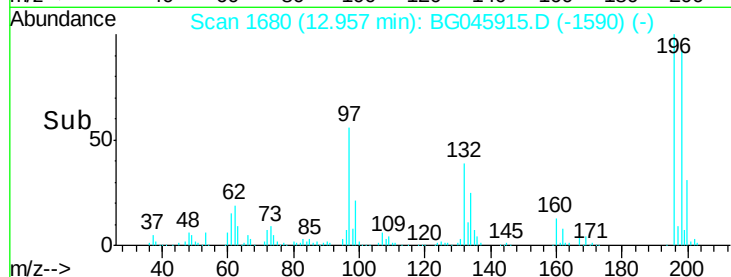
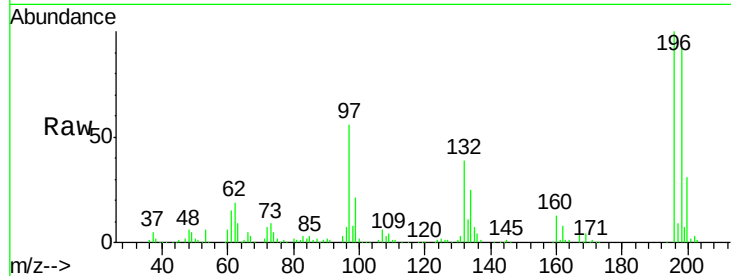
#43
 2,4,6-Trichlorophenol
 Concen: 47.635 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampled :
 SP2-LMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148282		
198	92.4	78.1	117.1	
200	30.7	25.8	38.6	

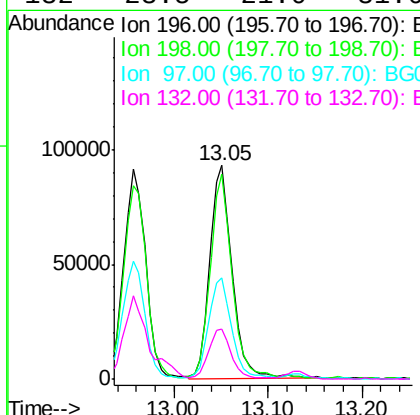
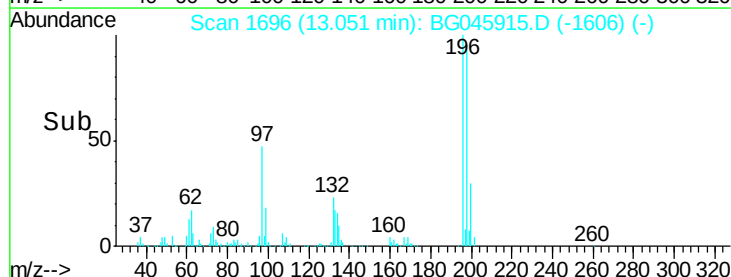
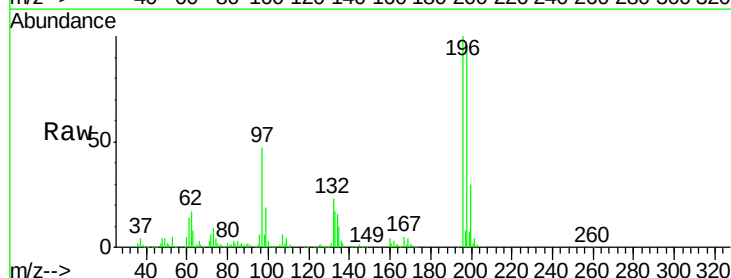
Manual Integrations
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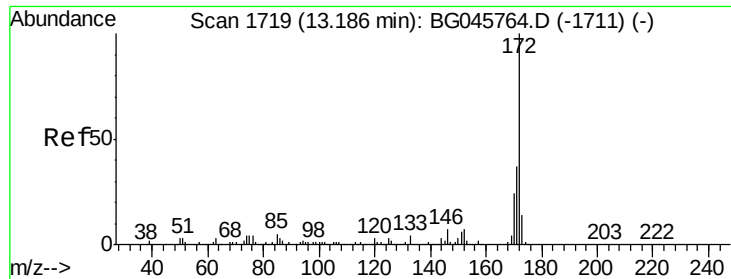
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#44
 2,4,5-Trichlorophenol
 Concen: 43.816 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155449		
198	95.9	76.5	114.7	
97	47.1	39.9	59.9	
132	23.5	21.0	31.6	





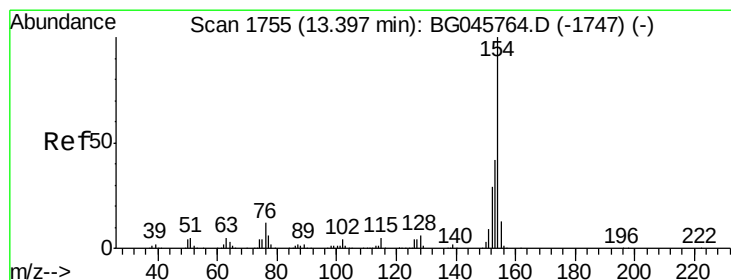
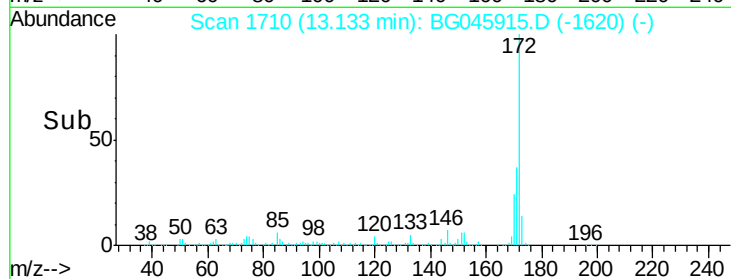
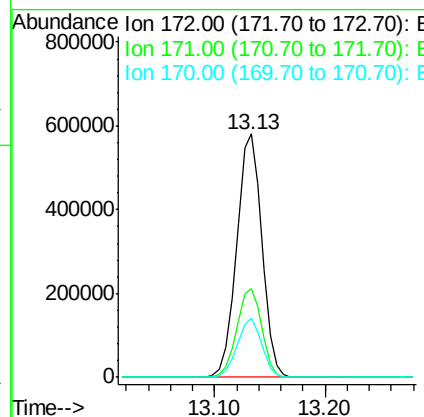
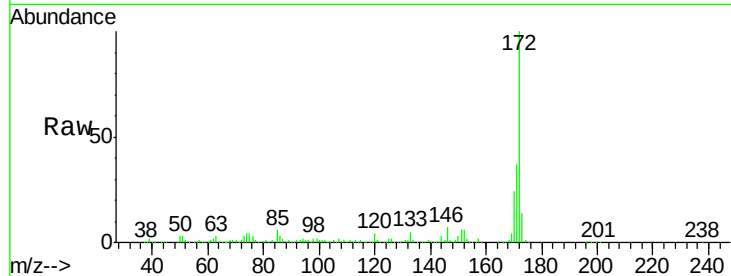
#45
2-Fluorobiphenyl
Concen: 97.805 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	24.1	18.9	28.3

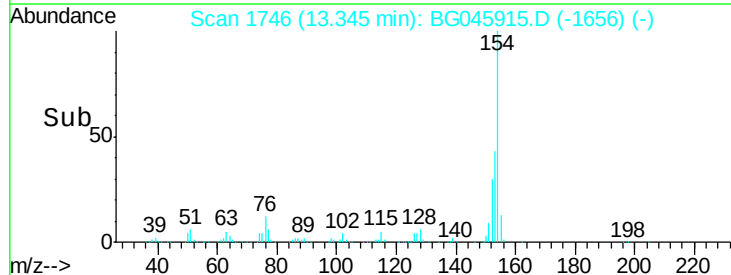
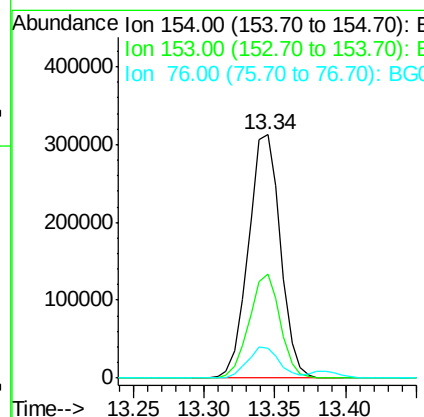
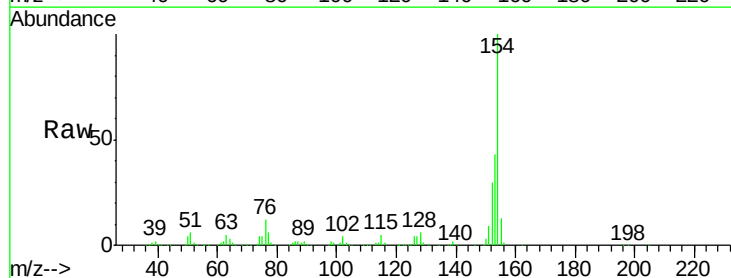
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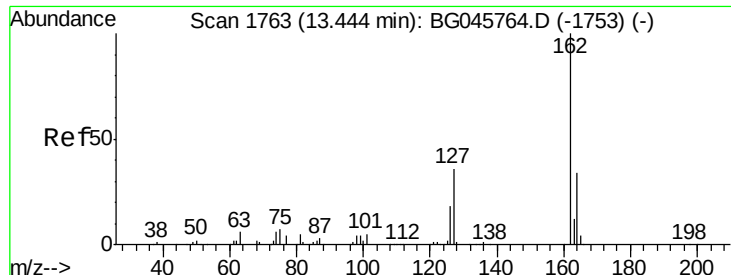
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#46
1,1'-Biphenyl
Concen: 49.775 ng
RT: 13.34 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.3	61.3
76	12.3	0.0	32.9





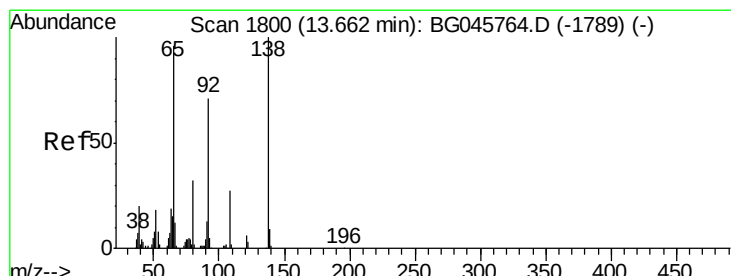
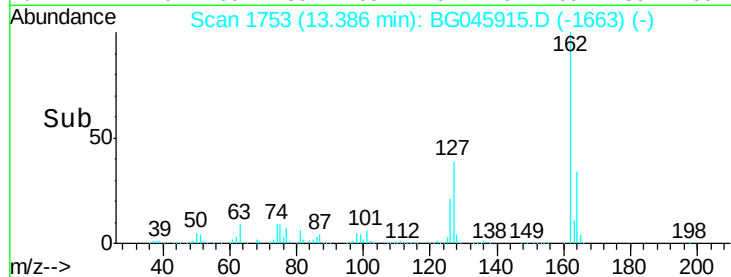
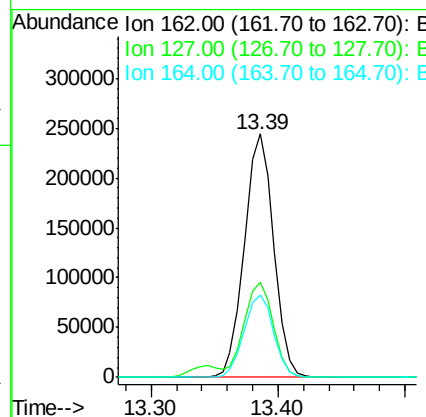
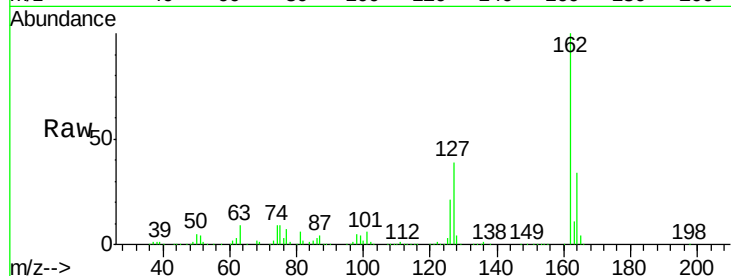
#47
 2-Chloronaphthalene
 Concen: 48.414 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion:	162	Resp:	390407
Ion Ratio		Lower	Upper
162	100		
127	39.2	31.4	47.0
164	33.9	28.1	42.1

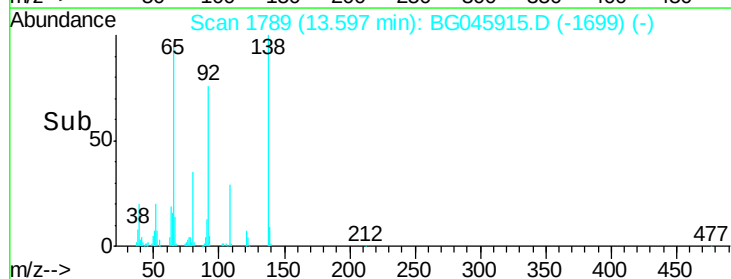
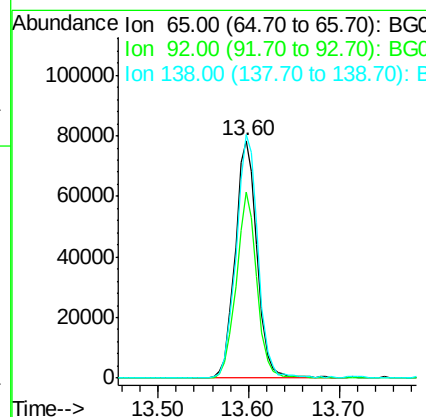
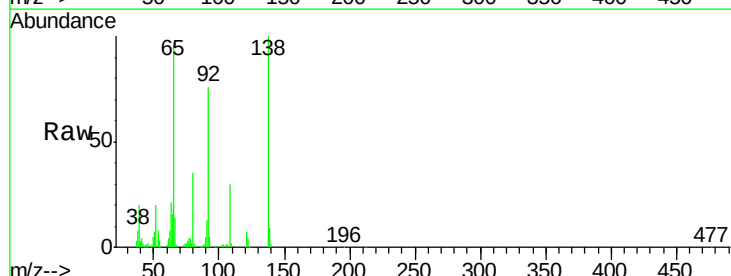
Manual Integrations
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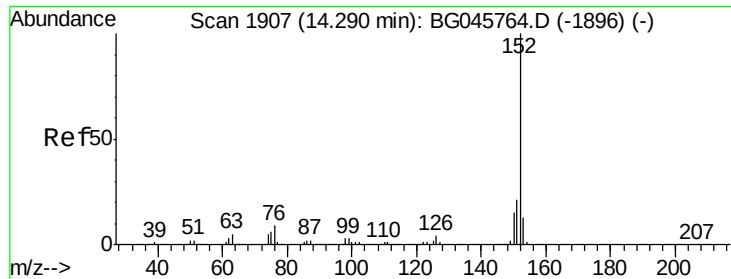
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#48
 2-Nitroaniline
 Concen: 49.340 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion:	65	Resp:	132346
Ion Ratio		Lower	Upper
65	100		
92	78.5	54.1	81.1
138	102.6	79.0	118.6





#49

Acenaphthylene

Concen: 48.823 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

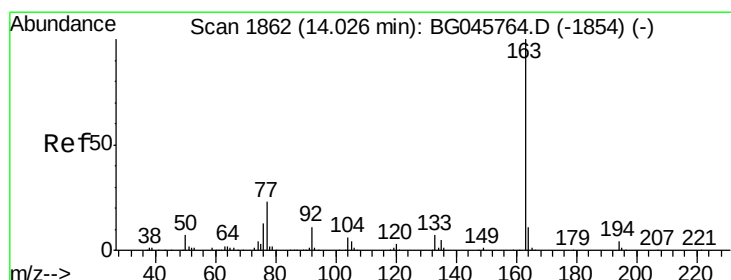
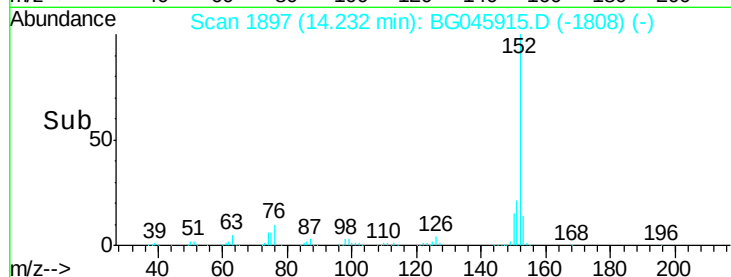
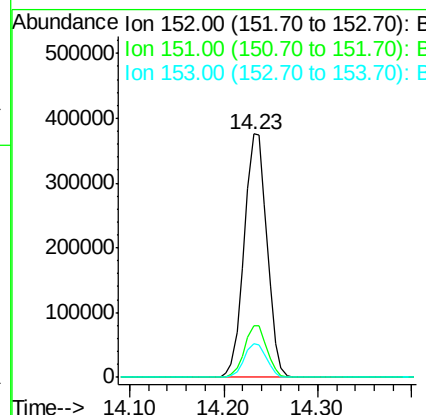
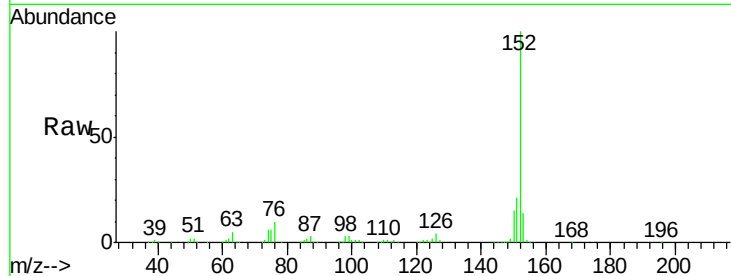
ClientSampleId :

SP2-LMS

Tot Ion:	152	Resp:	630614
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	13.6	11.4	17.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 54.049 ng

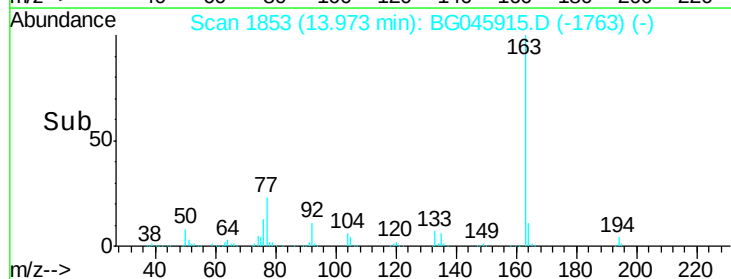
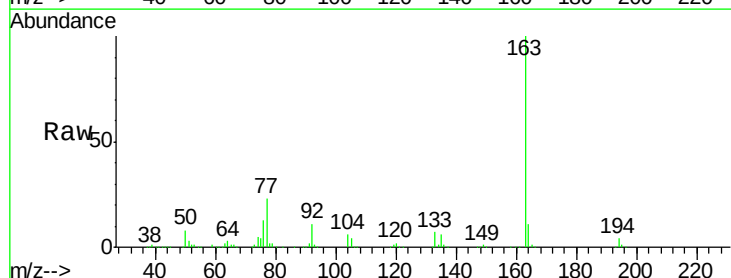
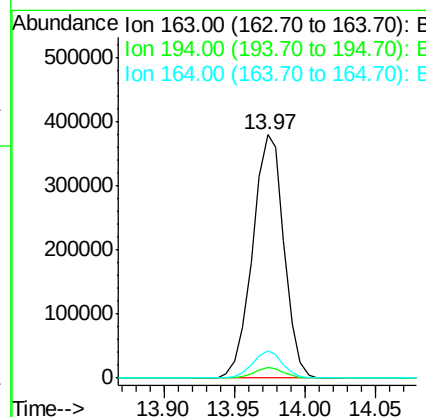
RT: 13.97 min Scan# 1853

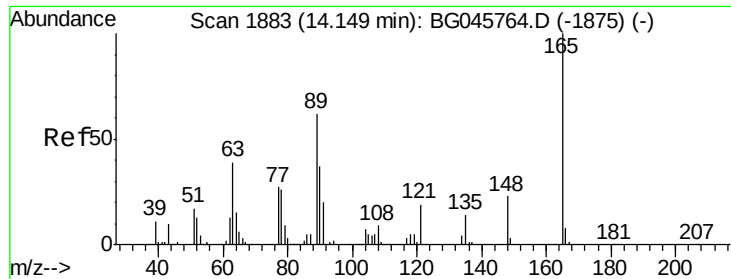
Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	163	Resp:	590397
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	11.4	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 50.154 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

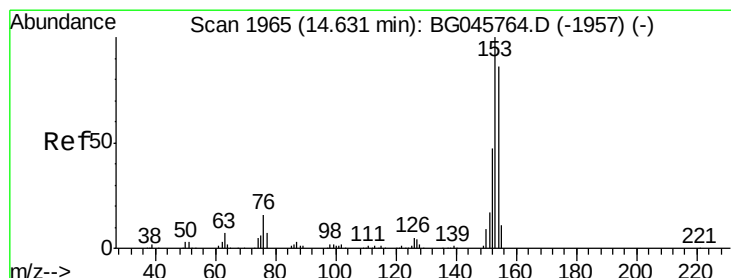
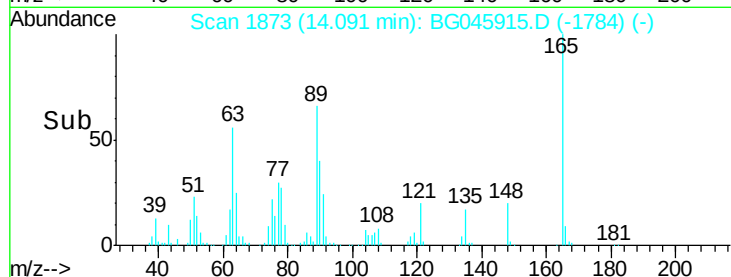
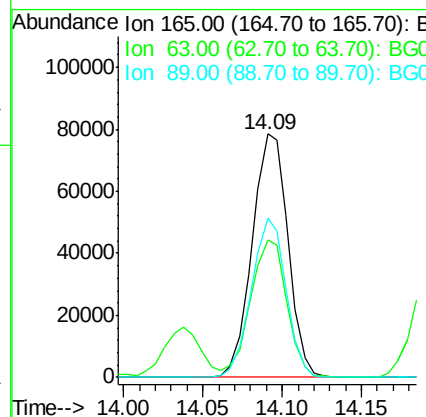
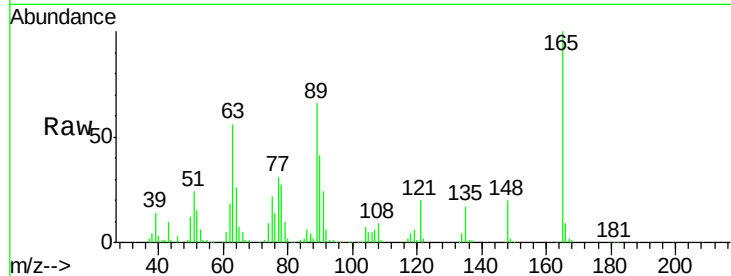
ClientSampled :

SP2-LMS

Tot Ion:	165	Resp:	123047
Ion Ratio	Lower	Upper	
165	100		
63	56.5	41.4	62.2
89	65.6	45.4	68.0

Manual Integrations
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#52

Acenaphthene

Concen: 49.206 ng

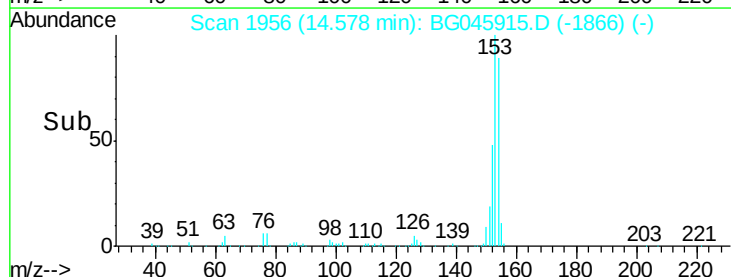
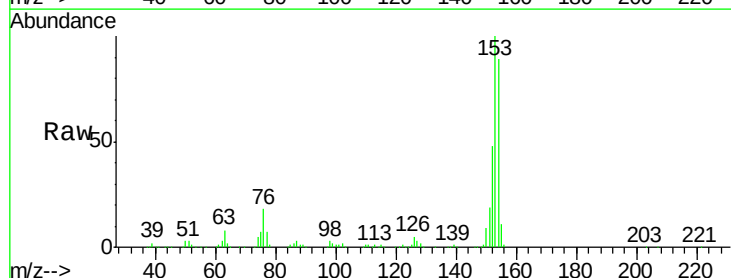
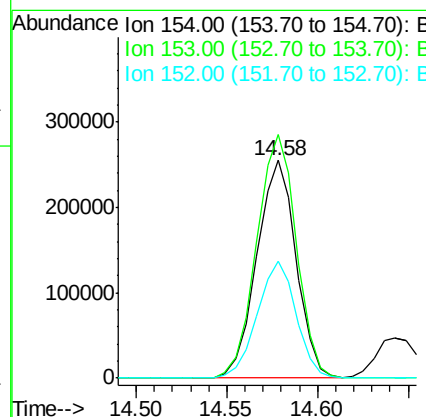
RT: 14.58 min Scan# 1956

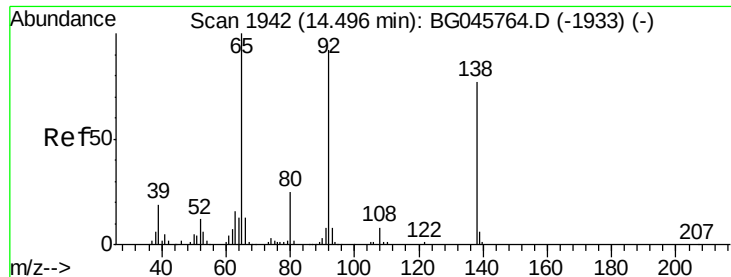
Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	154	Resp:	385248
Ion Ratio	Lower	Upper	
154	100		
153	111.8	92.5	138.7
152	53.9	43.4	65.2





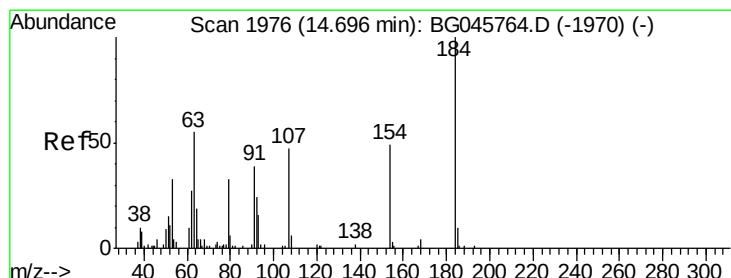
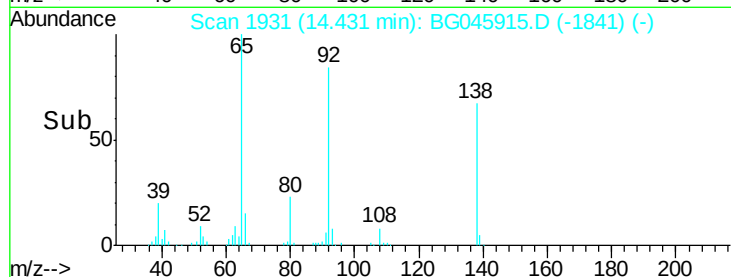
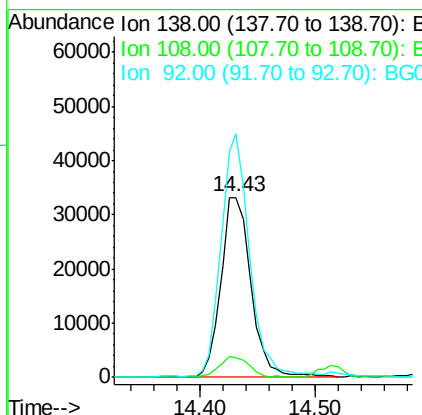
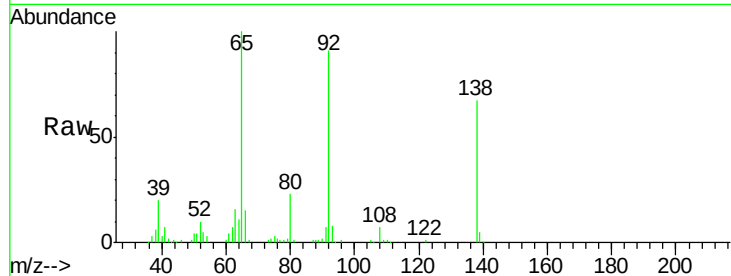
#53
3-Nitroaniline
Concen: 24.525 ng
RT: 14.43 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.2	12.2
92	135.4	101.3	151.9

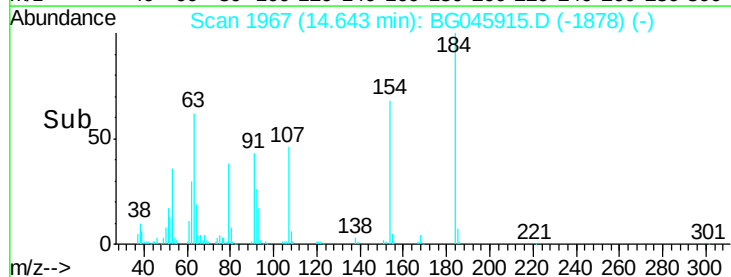
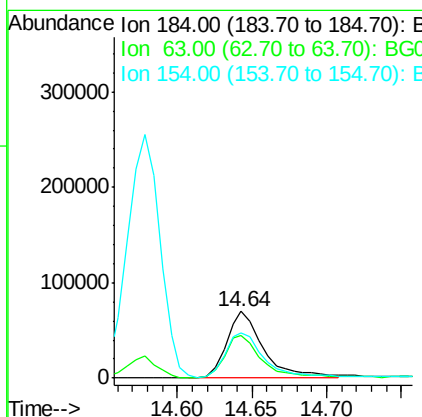
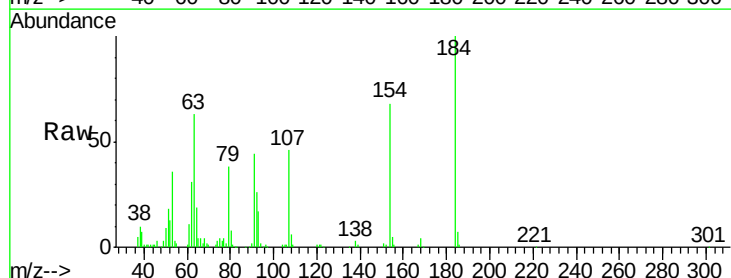
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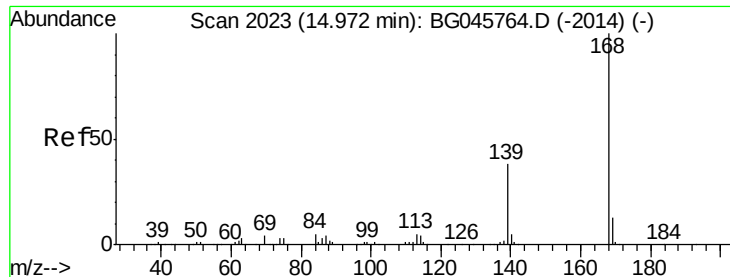
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#54
2,4-Dinitrophenol
Concen: 87.489 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	49.4	74.0
154	68.1	59.8	89.8





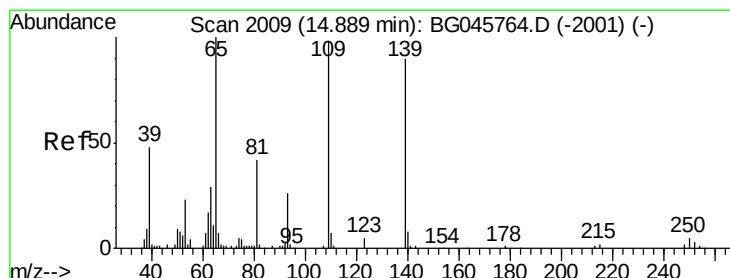
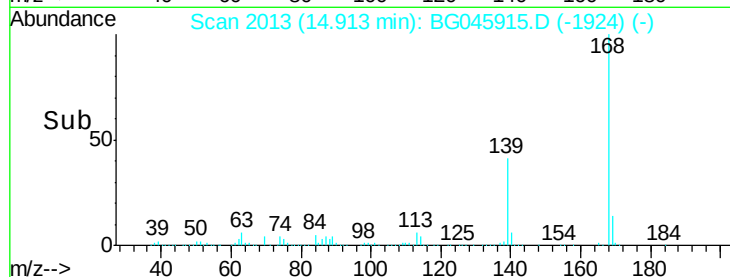
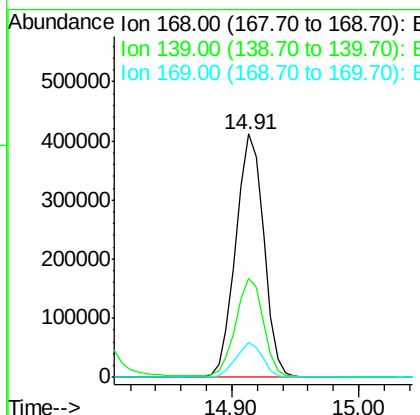
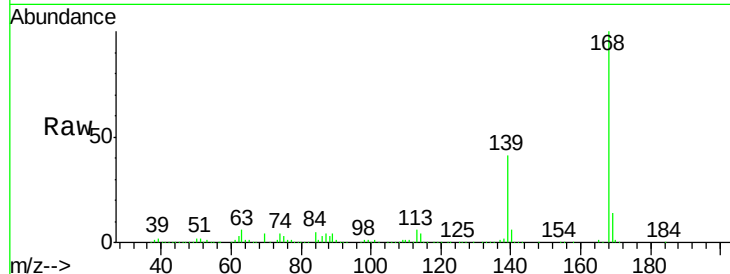
#55
Dibenzenofuran
Concen: 49.413 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	48.8
169	14.2	11.4	17.2

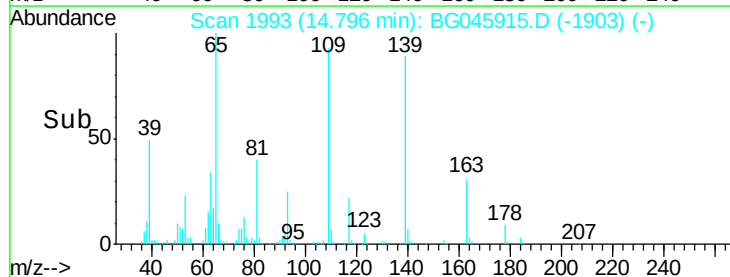
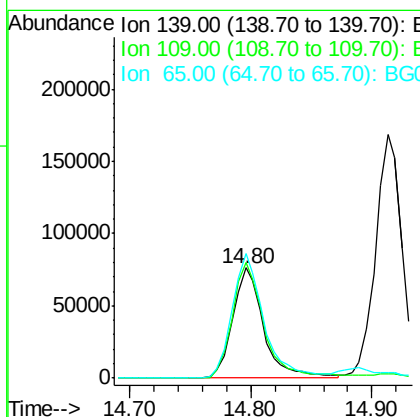
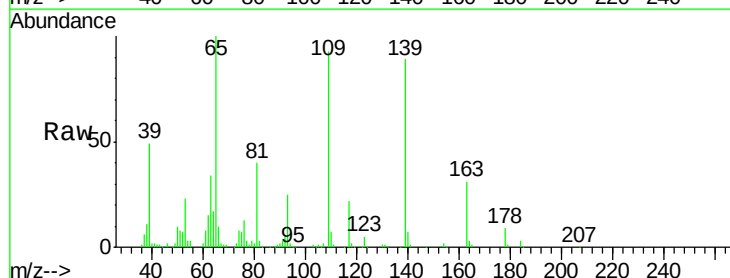
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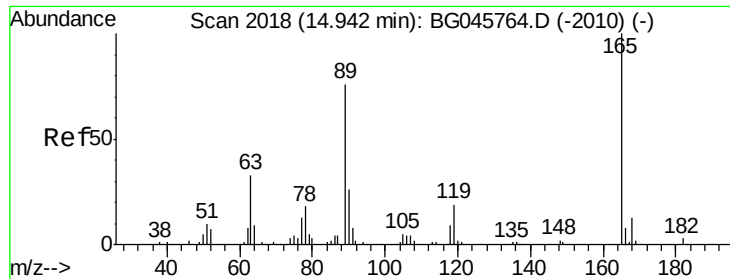
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#56
4-Nitrophenol
Concen: 77.704 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.9	79.2	119.2
65	112.8	91.0	131.0





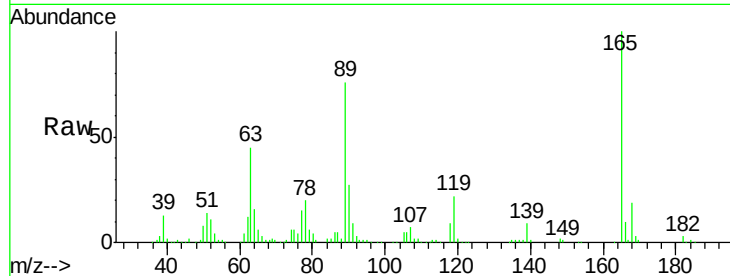
#57
2,4-Dinitrotoluene
Concen: 50.193 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		176437		
63	44.5	34.5	51.7		
89	75.8	60.8	91.2		
182	2.6	2.3	3.5		

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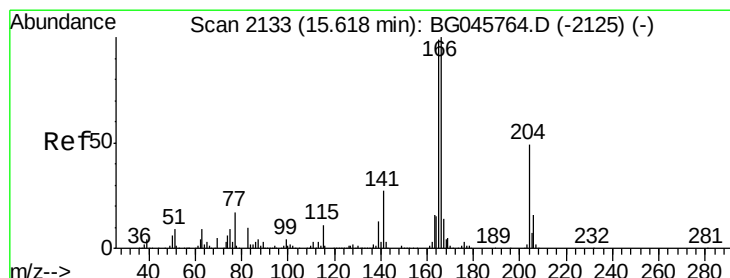
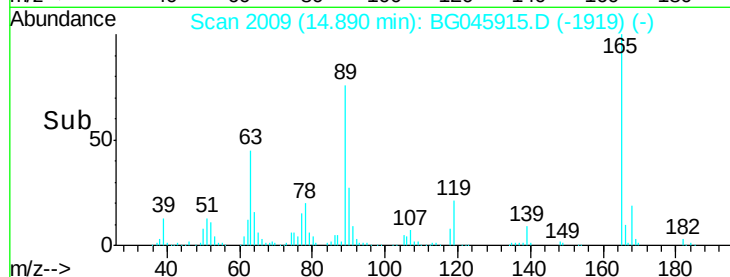
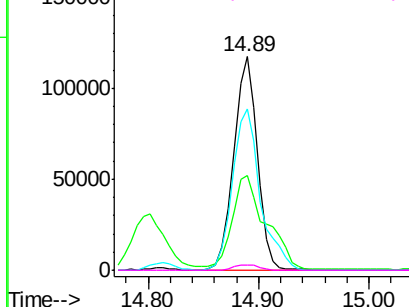


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

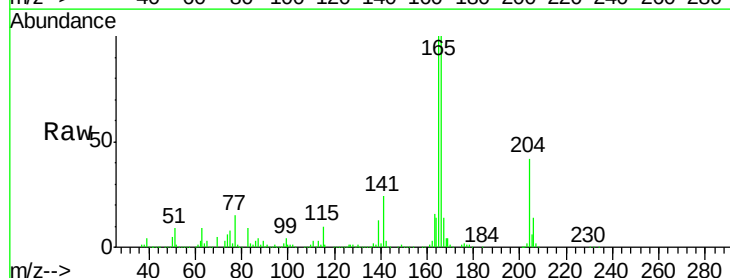
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.186 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

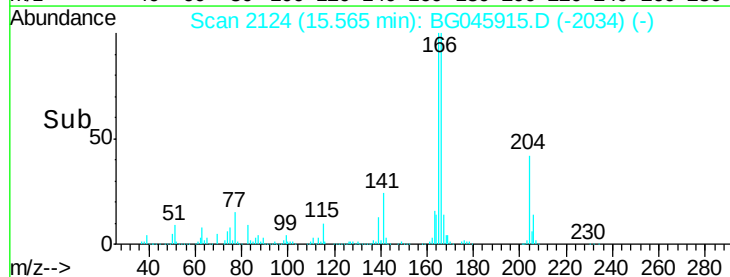
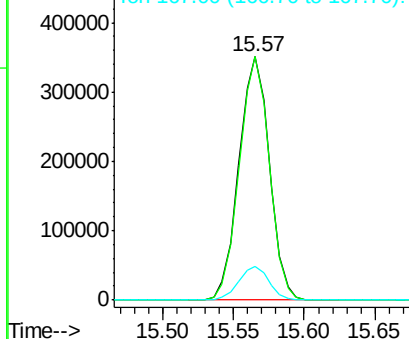
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		530765		
165	99.9	76.9	115.3		
167	14.1	11.3	16.9		

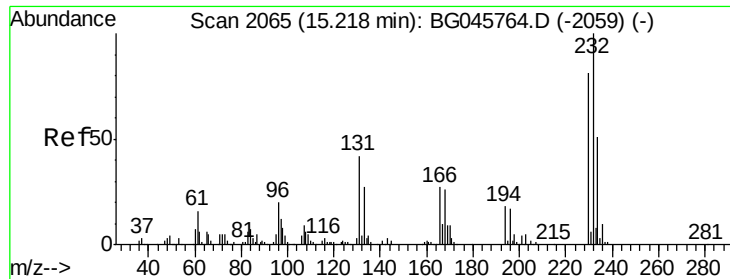


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





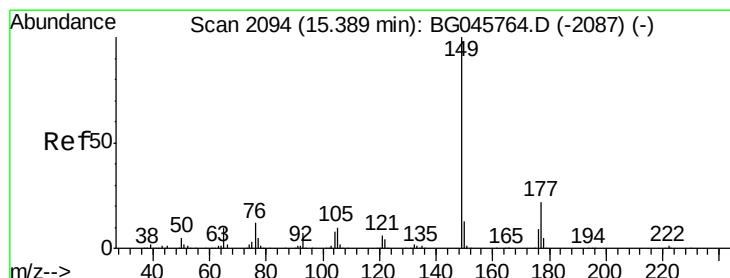
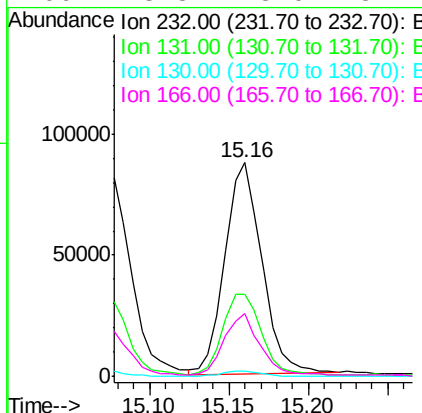
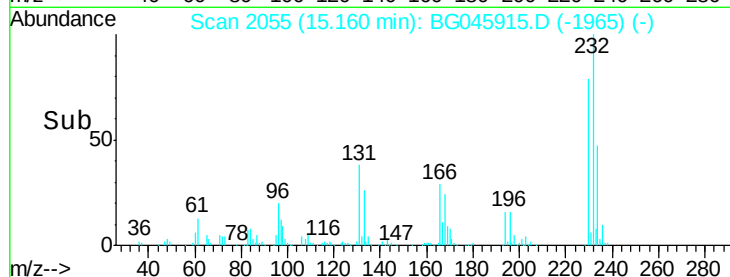
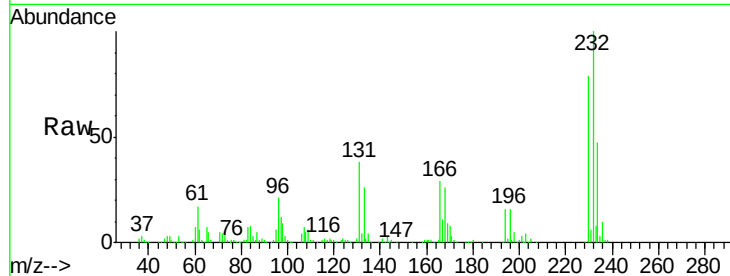
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.558 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.2	51.2
130	2.5	2.1	3.1
166	28.8	23.0	34.4

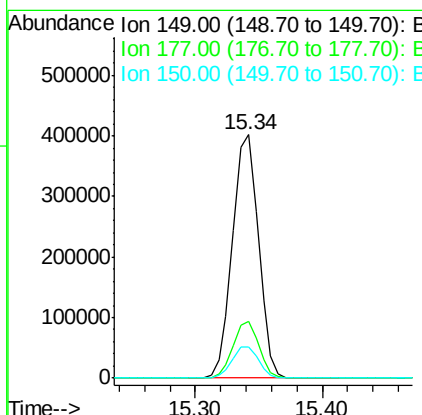
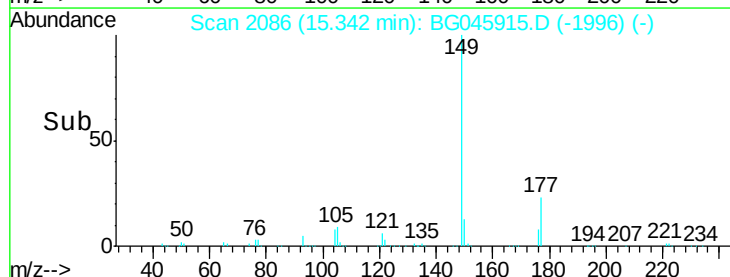
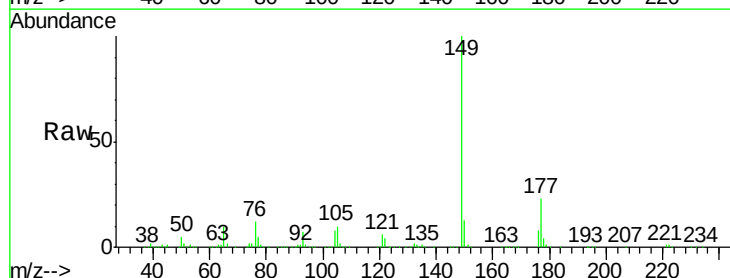
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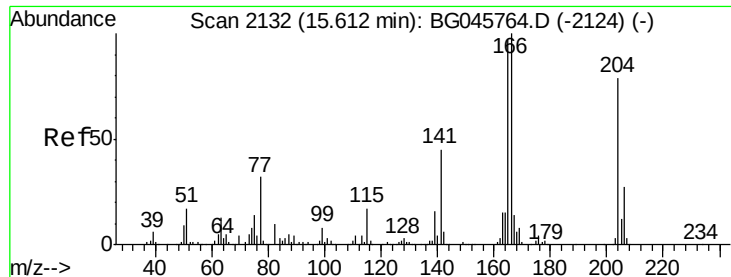
Sohil
 7/7/2020 8:19:37 AM



#60
 Diethylphthalate
 Concen: 51.033 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	28.0
150	12.7	10.2	15.2





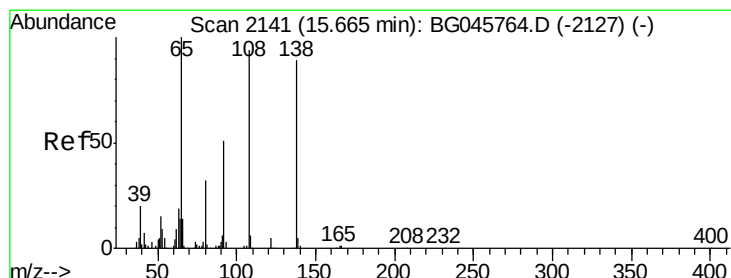
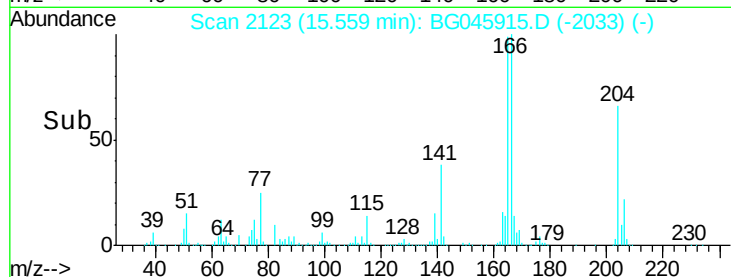
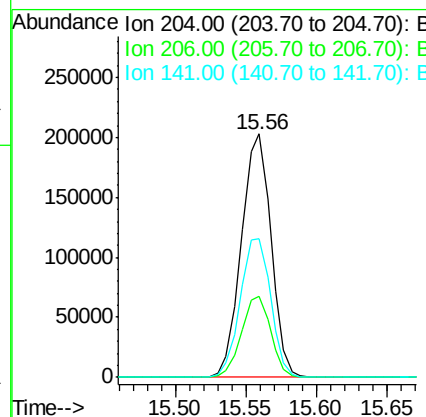
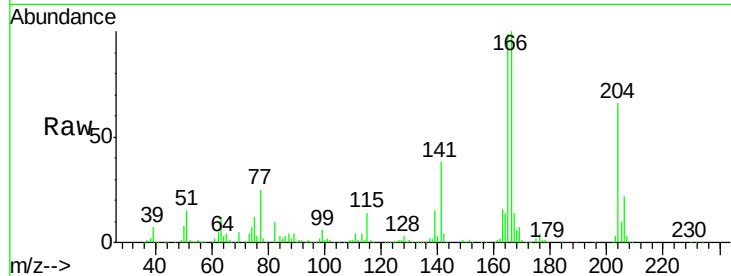
#61
4-Chlorophenyl-phenylether
Concen: 48.877 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	297929		
206	33.5	26.4	39.6	
141	57.2	47.9	71.9	

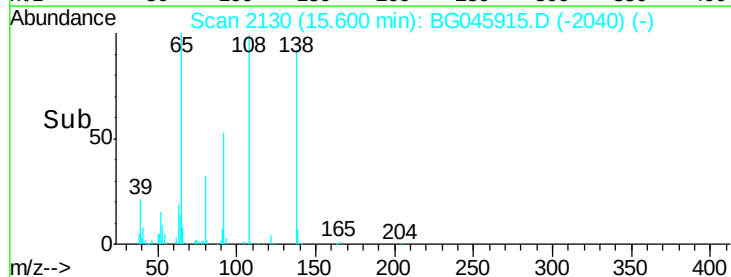
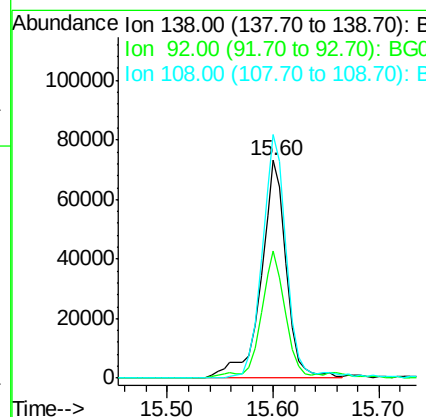
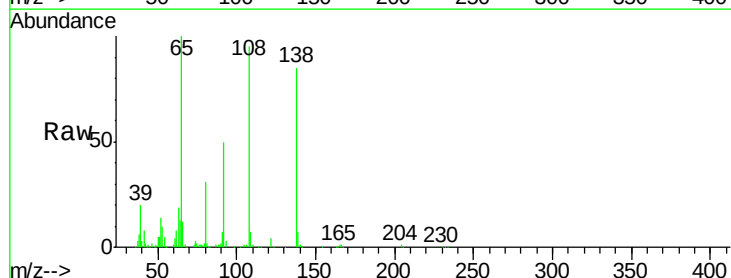
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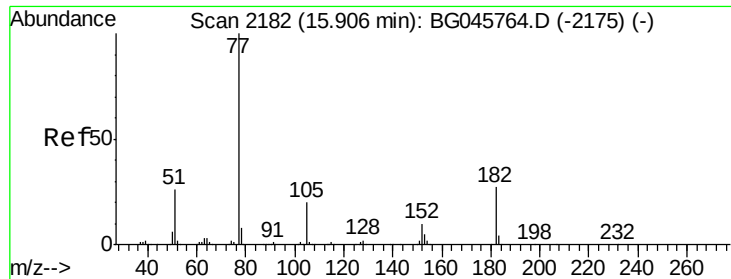
Sohil
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#62
4-Nitroaniline
Concen: 48.637 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	122323		
92	58.1	34.9	74.9	
108	111.7	92.3	132.3	





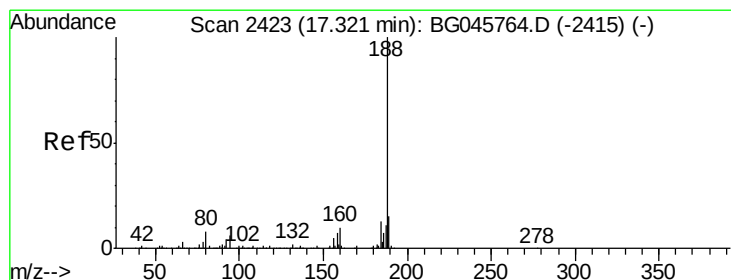
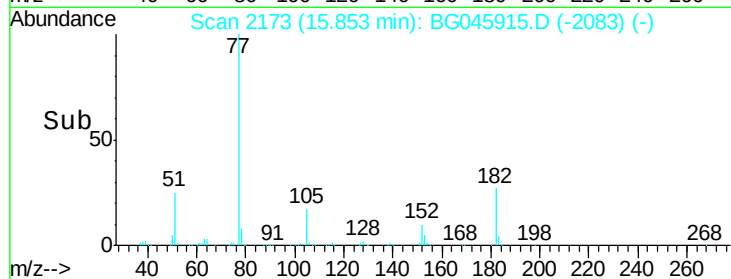
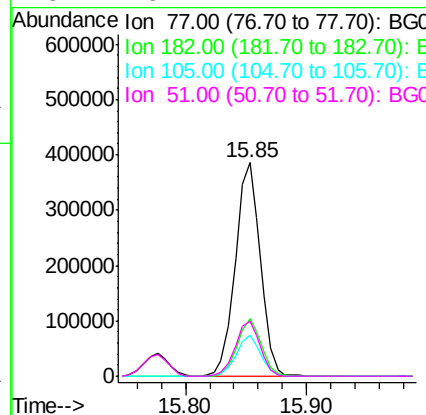
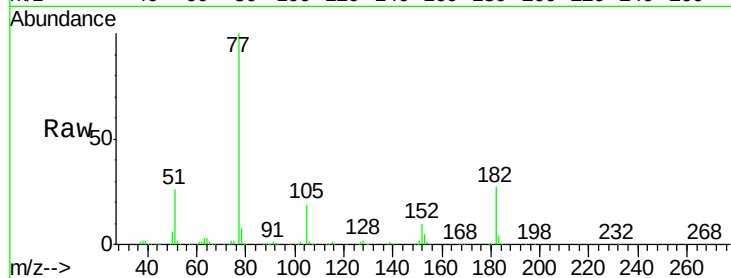
#63
Azobenzene
Concen: 51.582 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion:	77	Resp:	553062
Ion Ratio	Lower	Upper	
77	100		
182	26.9	6.0	46.0
105	19.5	0.0	38.0
51	25.7	4.7	44.7

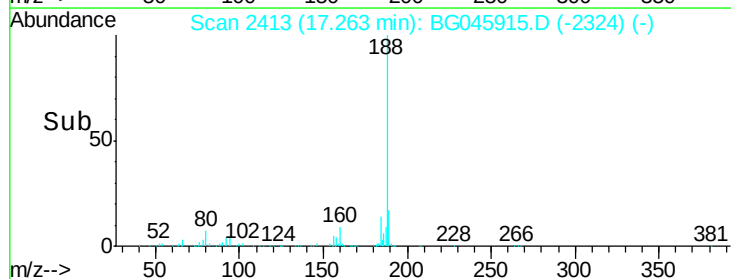
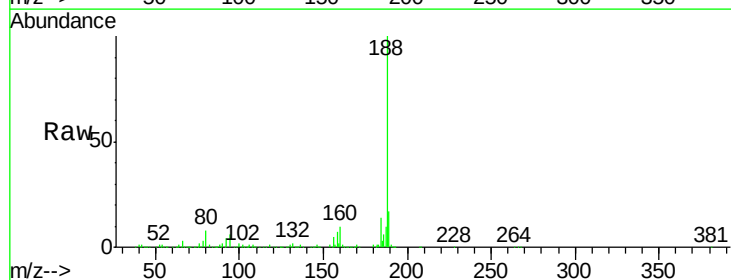
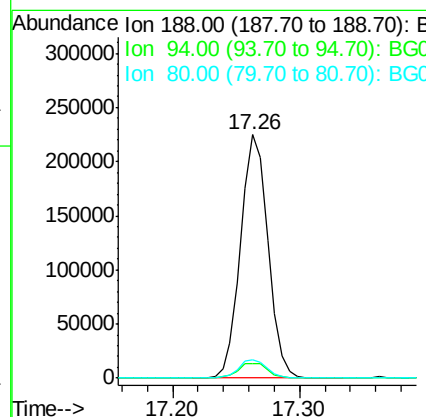
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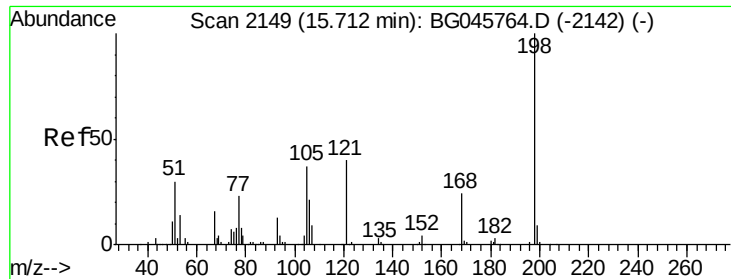
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:	188	Resp:	336344
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.5	8.3
80	7.7	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.599 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampled :

SP2-LMS

Tot Ion:198 Resp: 107253

Ion Ratio Lower Upper

198 100

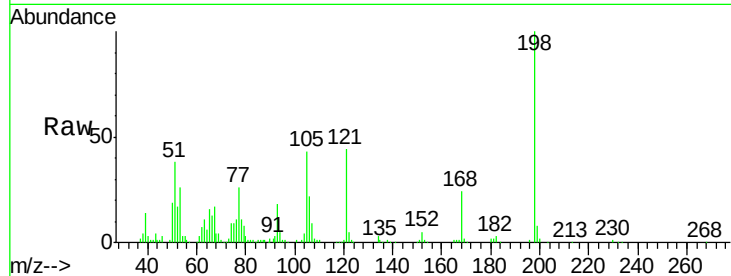
51 37.7 14.6 54.6

105 42.7 20.1 60.1

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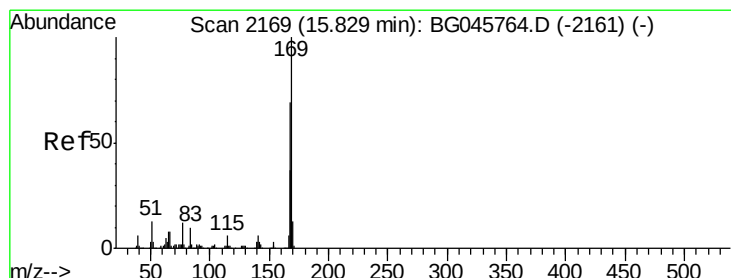
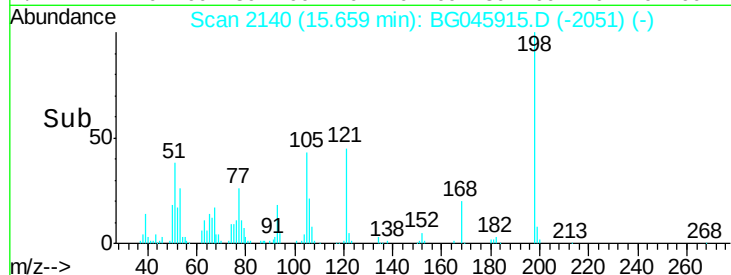
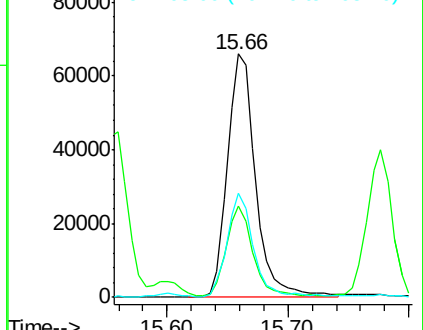
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.736 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

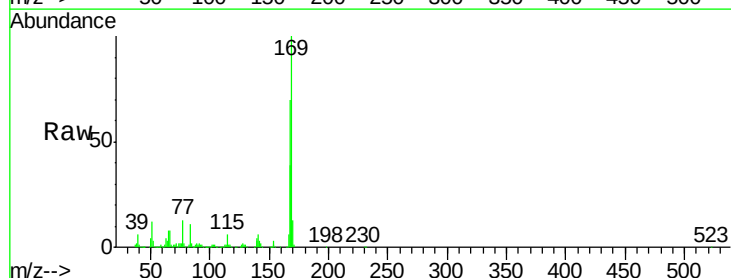
Tgt Ion:169 Resp: 473813

Ion Ratio Lower Upper

169 100

168 69.7 53.6 80.4

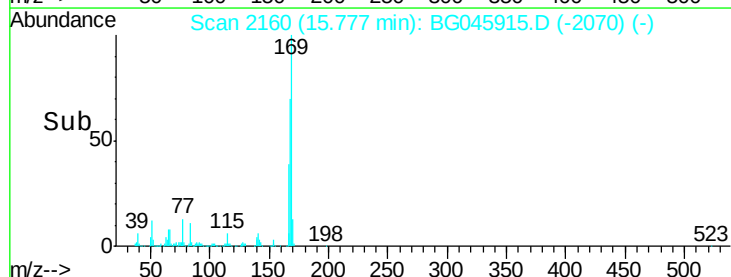
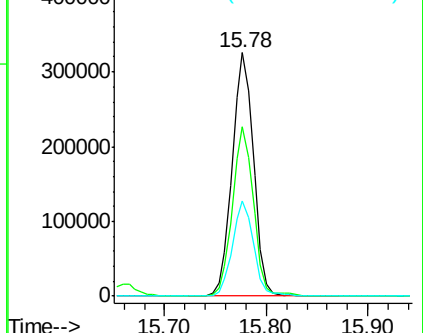
167 38.8 30.7 46.1

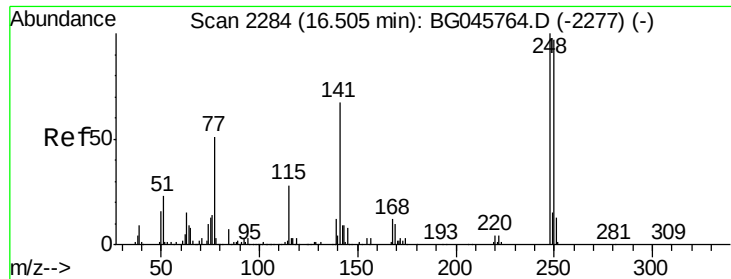


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





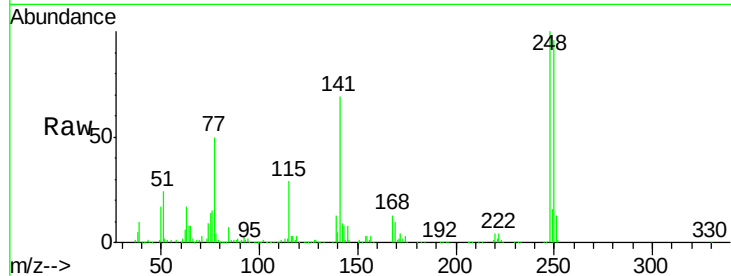
#67
4-Bromophenyl-phenylether
Concen: 47.024 ng
RT: 16.45 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampled :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.2	115.8
141	69.0	52.6	79.0

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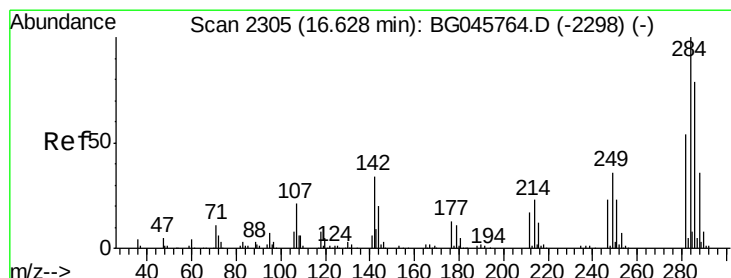
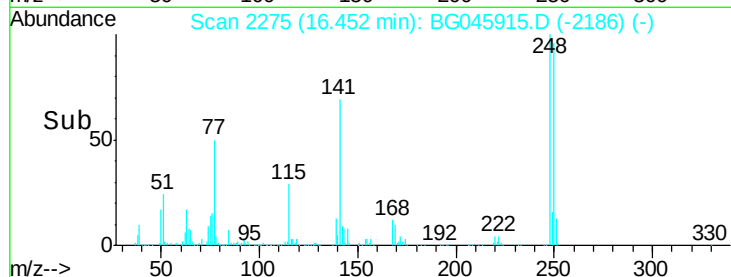
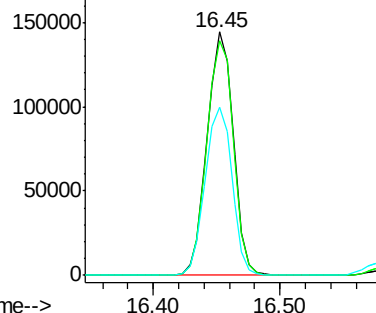


Abundance

Ion 248.00 (247.70 to 248.70): E

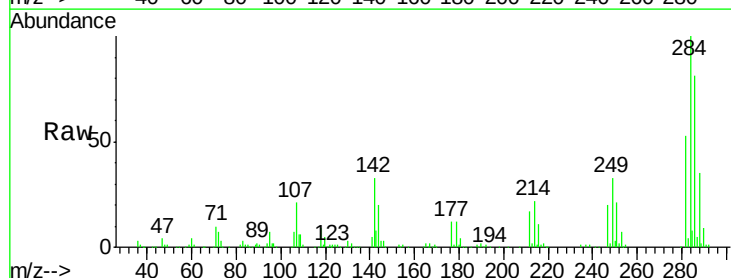
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.601 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	23.2	34.8
249	33.5	25.5	38.3

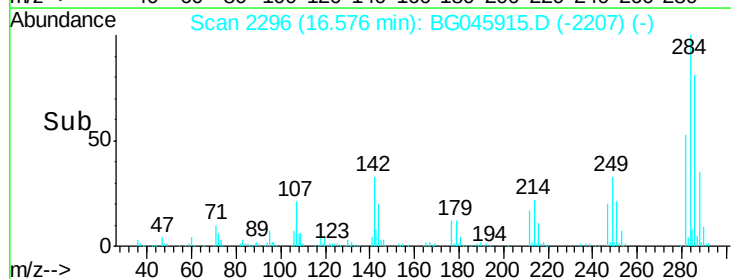
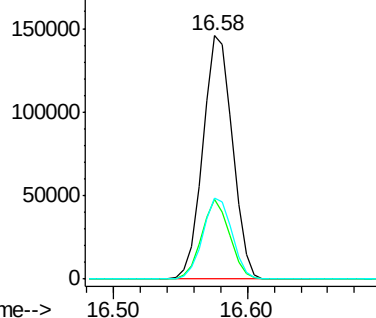


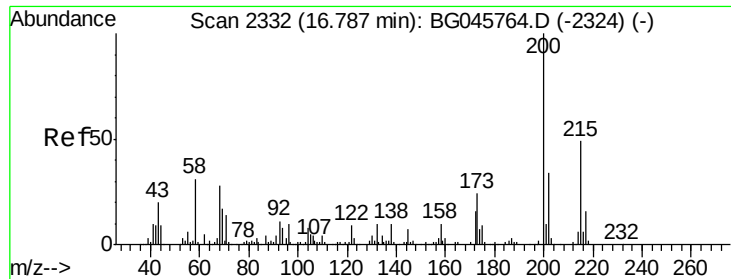
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





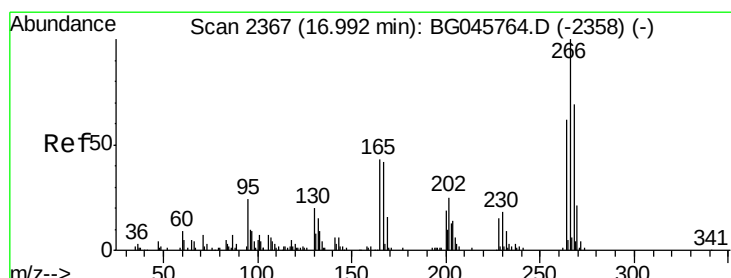
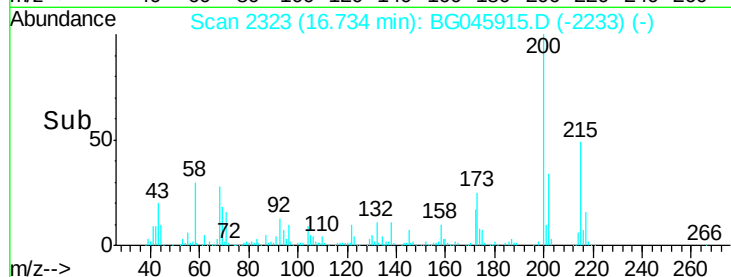
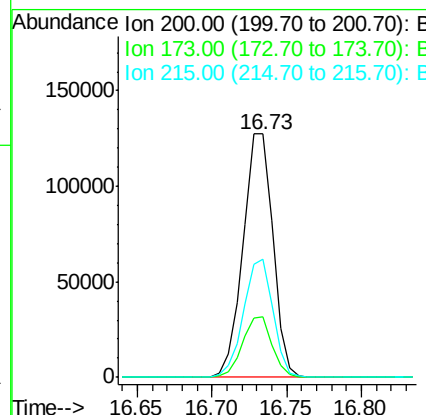
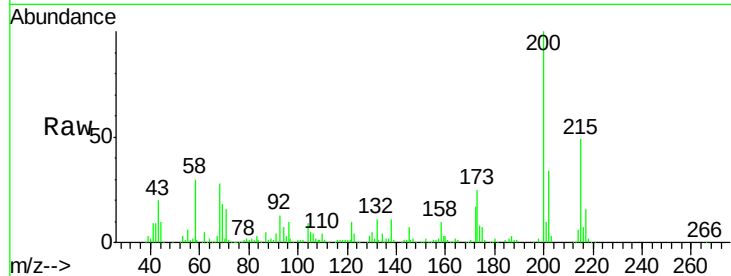
#69
Atrazine
Concen: 48.001 ng
RT: 16.73 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.3	44.3
215	48.7	30.5	70.5

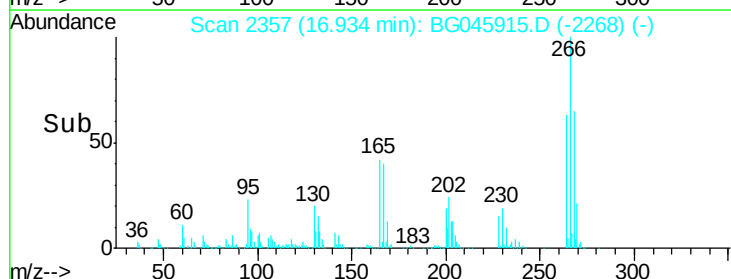
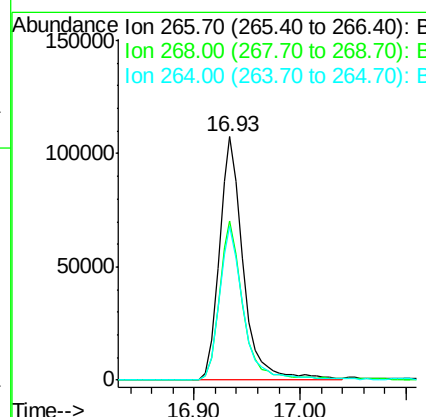
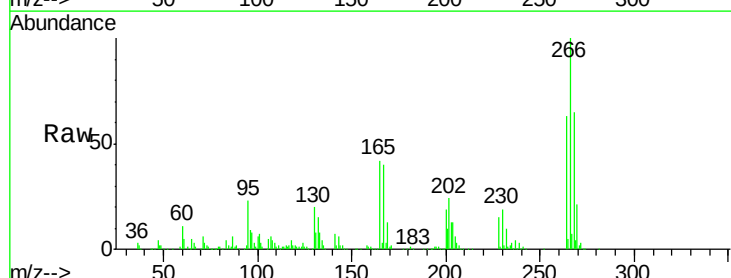
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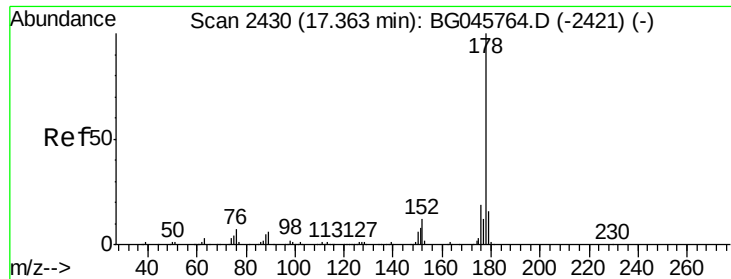
Sohil
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#70
Pentachlorophenol
Concen: 76.928 ng
RT: 16.93 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.5	75.7
264	63.0	47.0	70.6





#71

Phenanthrene

Concen: 50.049 ng

RT: 17.31 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

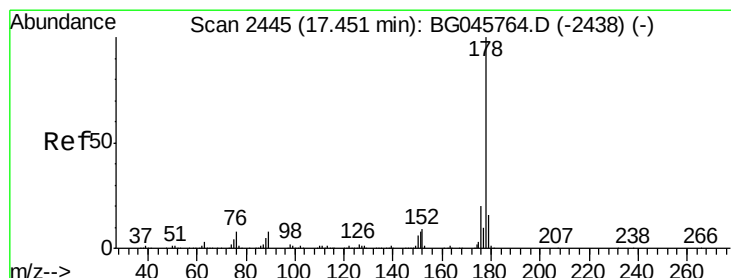
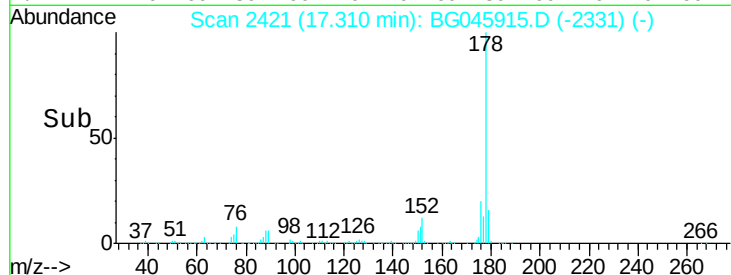
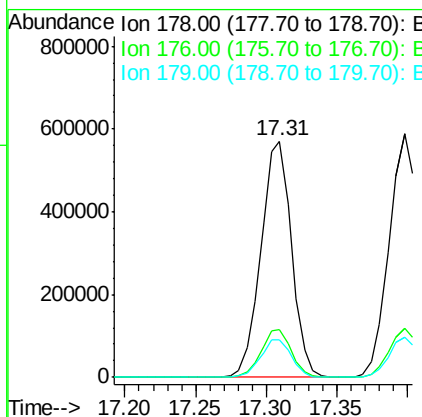
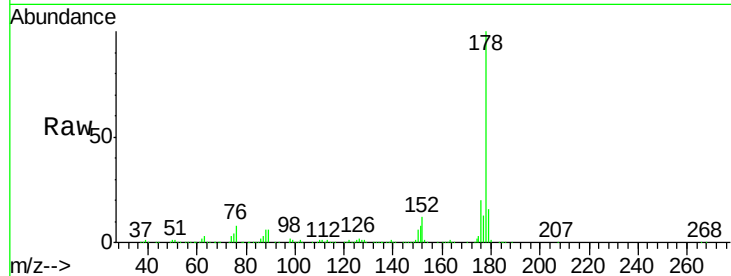
ClientSampleId :

SP2-LMS

Tot Ion:	178	Resp:	868182
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.8	23.8
179	16.0	12.6	19.0

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#72

Anthracene

Concen: 50.727 ng

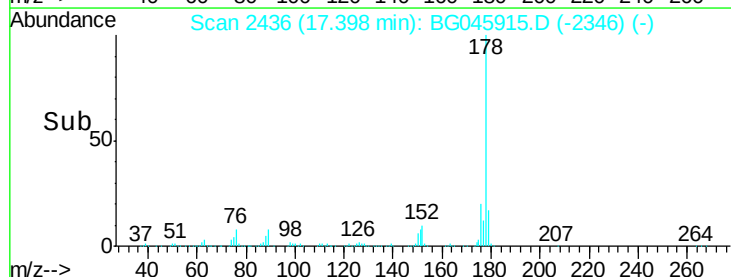
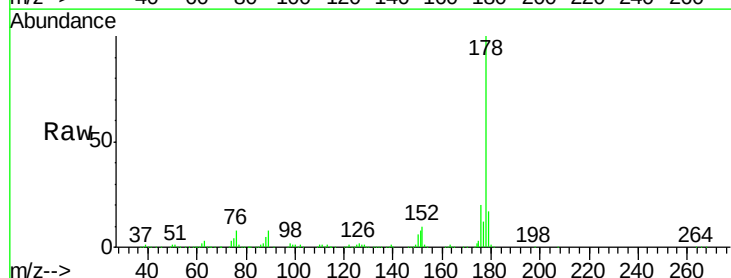
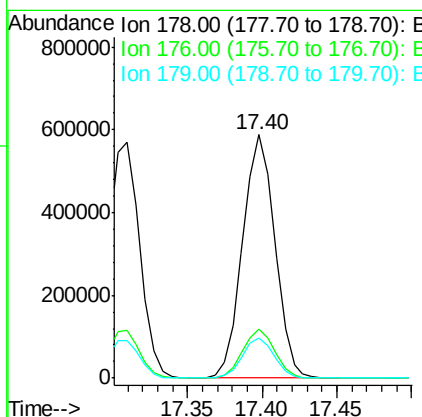
RT: 17.40 min Scan# 2436

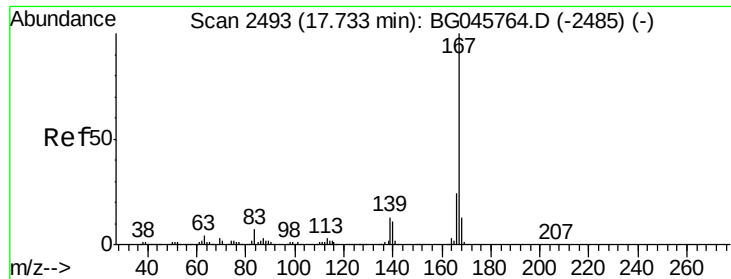
Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Tgt Ion:	178	Resp:	876249
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.6	23.4
179	16.6	13.0	19.4





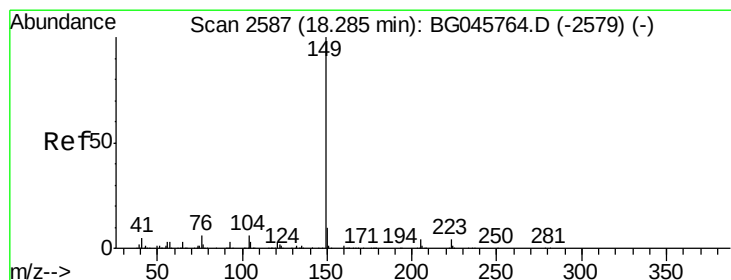
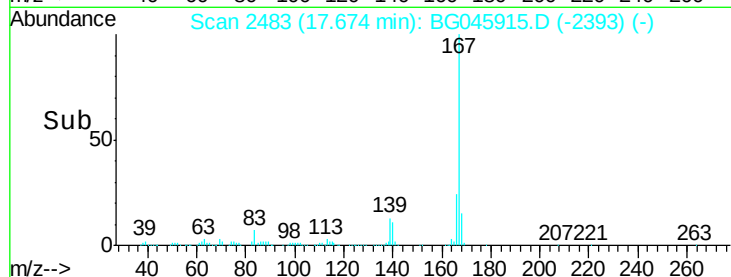
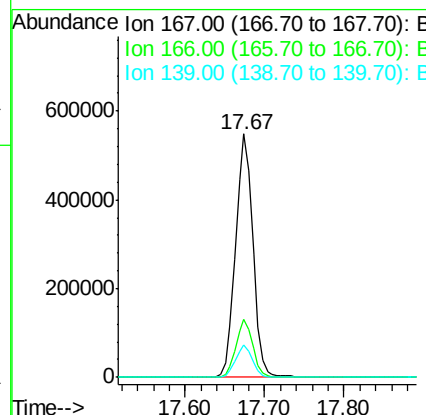
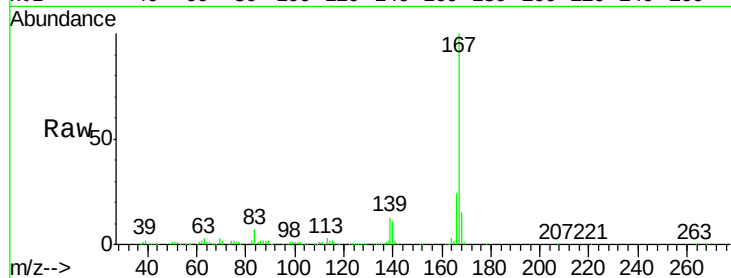
#73
 Carbazole
 Concen: 50.474 ng
 RT: 17.67 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.9	28.3
139	13.4	11.4	17.0

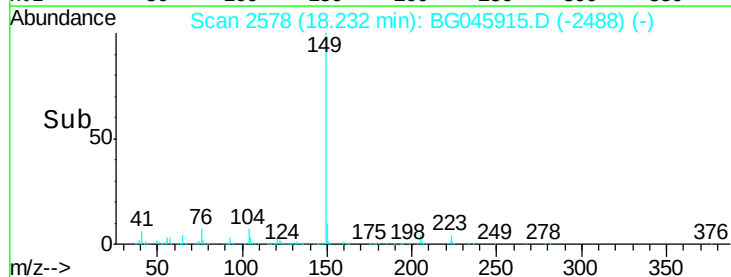
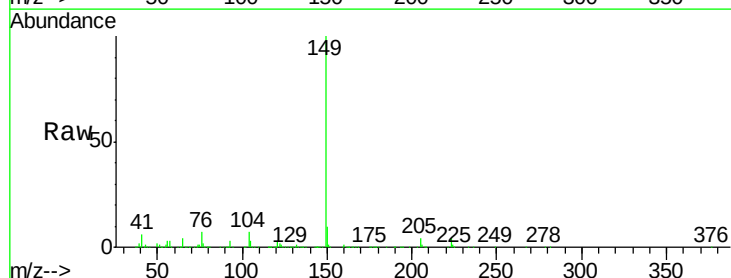
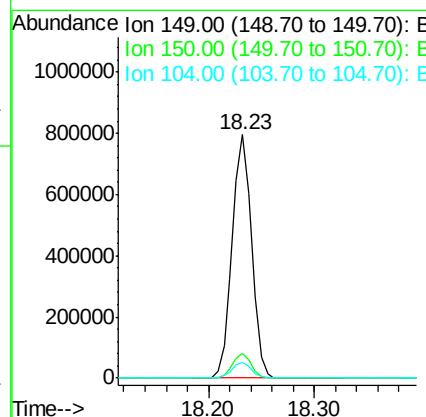
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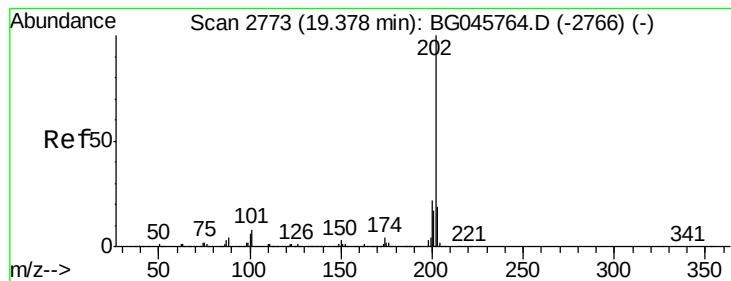
Sohil
 7/7/2020 8:19:37 AM



#74
 Di-n-butylphthalate
 Concen: 51.727 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.0
104	6.7	5.0	7.4





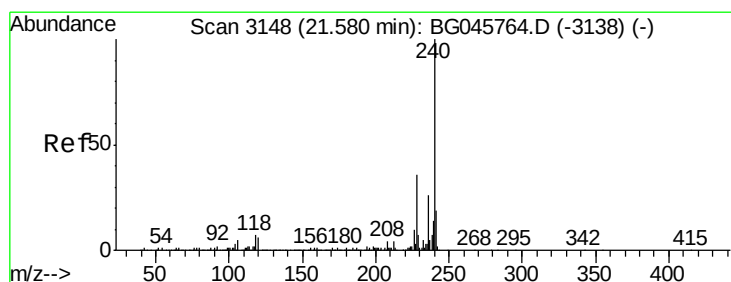
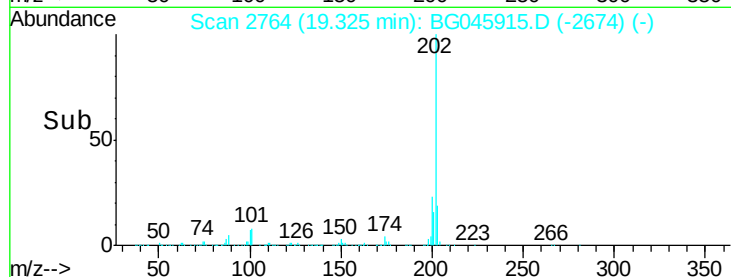
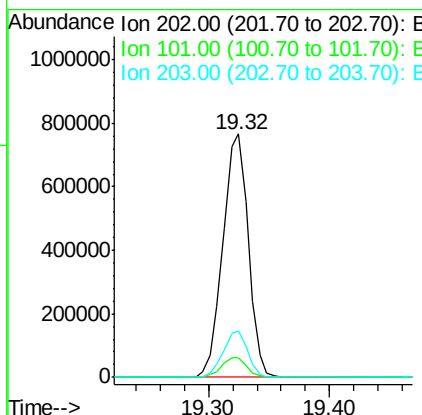
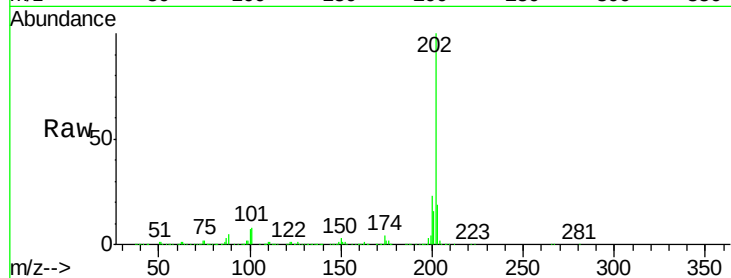
#75
 Fluoranthene
 Concen: 52.281 ng
 RT: 19.32 min Scan# 2764
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampled :
 SP2-LMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1115171		
101	7.9	0.0	28.3	
203	19.2	0.0	38.5	

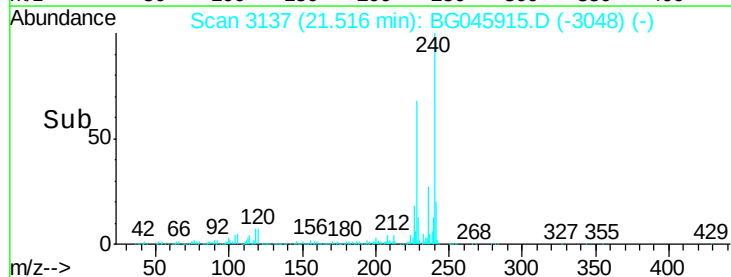
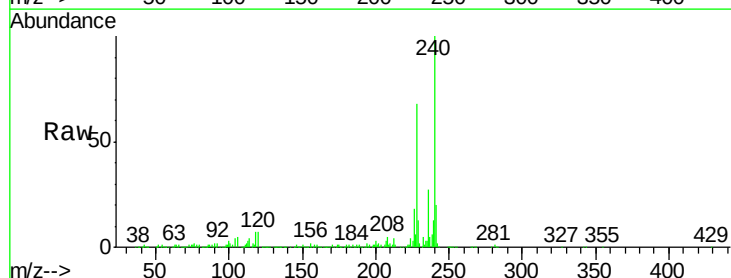
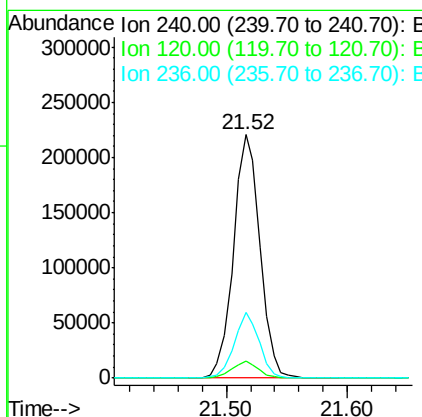
Manual Integrations
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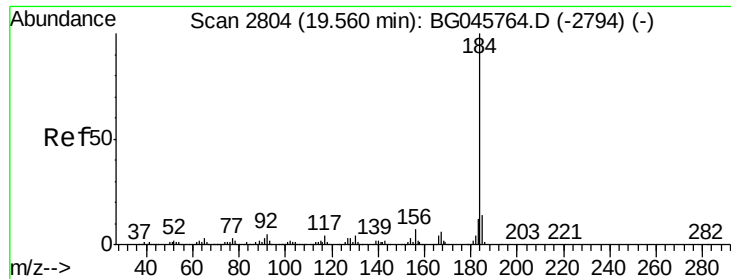
Sohil
 7/7/2020 8:19:37 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	336042		
120	6.8	5.2	7.8	
236	26.8	20.8	31.2	





#77

Benzidine

Concen: 16.915 ng

RT: 19.51 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

Tot Ion:184 Resp: 147775

Ion Ratio Lower Upper

184 100

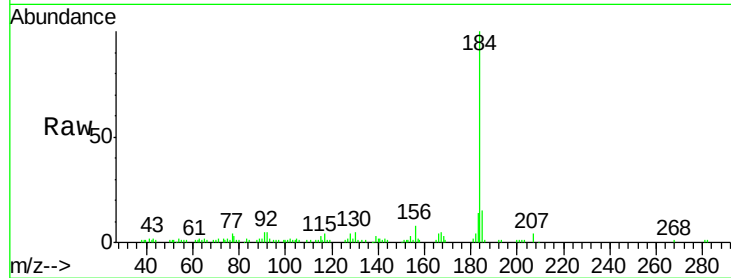
185 15.4 11.1 16.7

183 13.5 10.6 15.8

Manual Integrations
APPROVED

Sohil

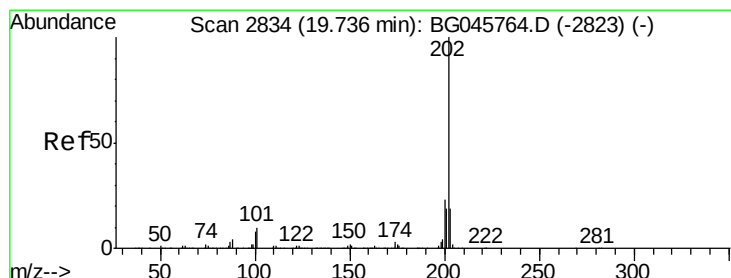
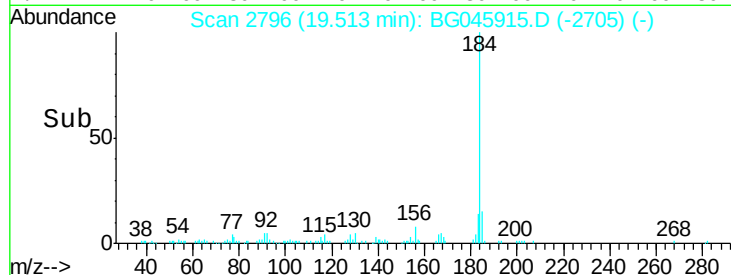
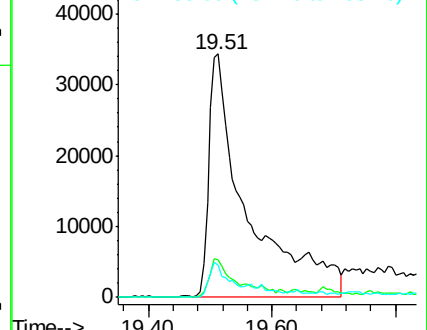
7/7/2020 8:19:37 AM



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: 48.974 ng

RT: 19.68 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

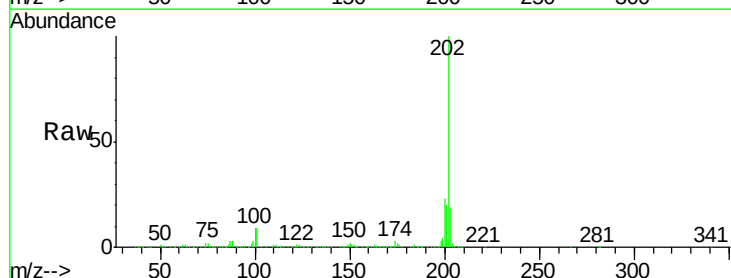
Tgt Ion:202 Resp: 1102037

Ion Ratio Lower Upper

202 100

200 22.7 18.1 27.1

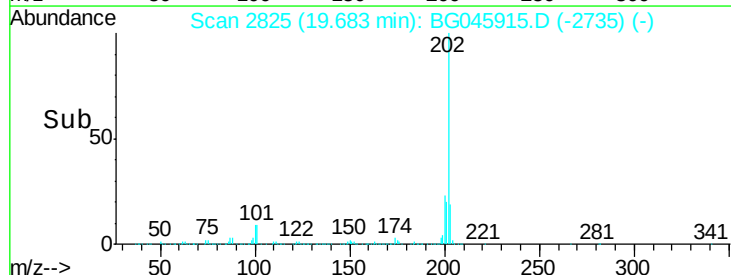
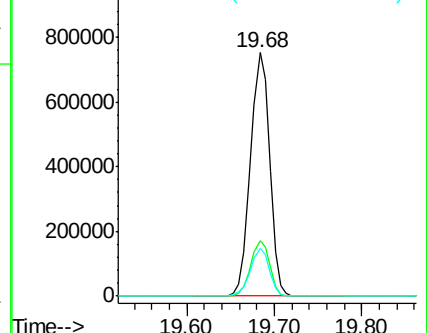
203 19.4 15.1 22.7

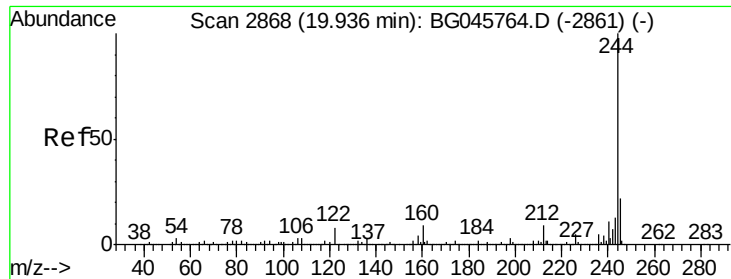


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





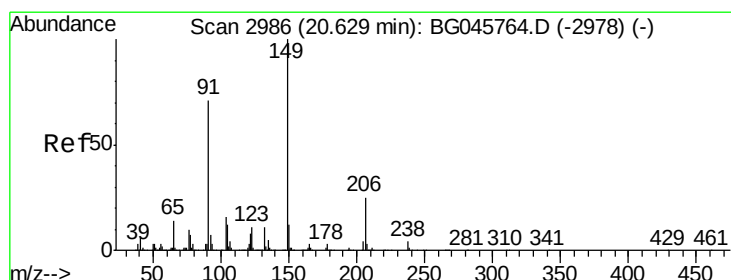
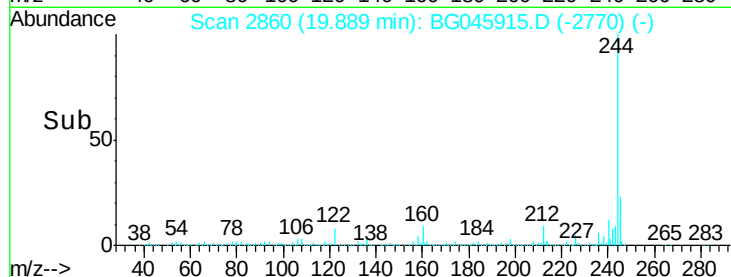
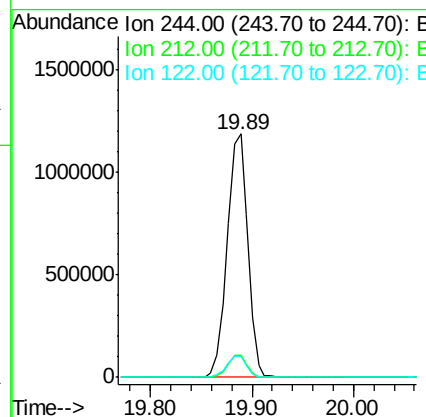
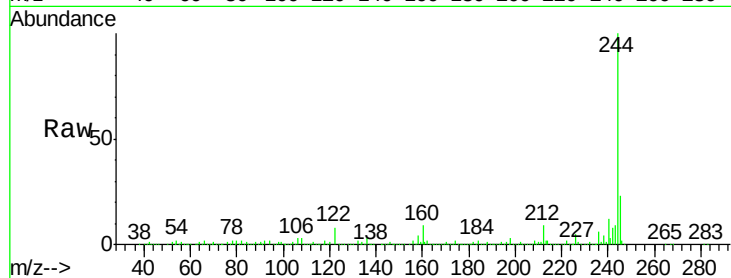
#79
 Terphenyl-d14
 Concen: 100.605 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	8.3	6.6	9.8

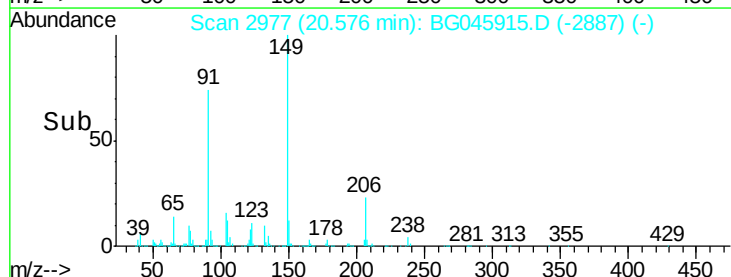
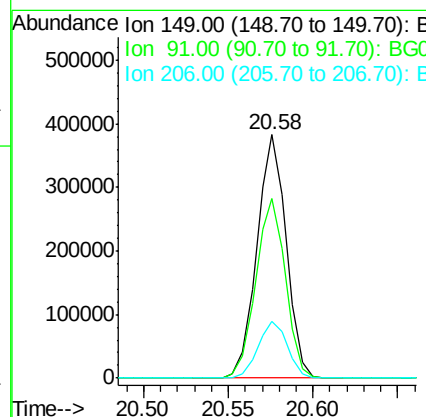
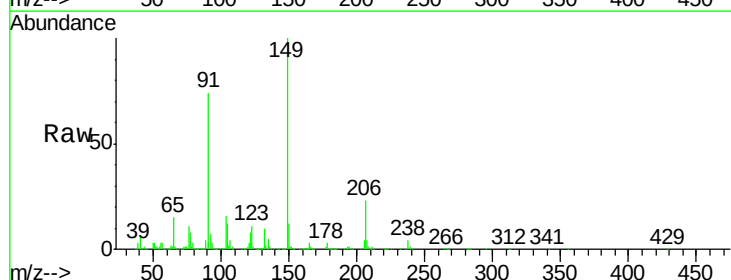
Manual Integrations
 APPROVED

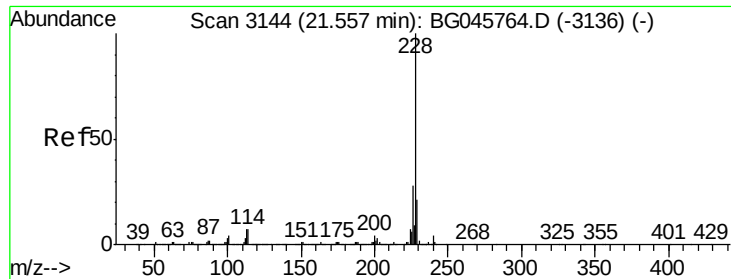
Sohil
 7/7/2020 8:19:37 AM



#80
 Butylbenzylphthalate
 Concen: 48.777 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.7	60.4	90.6
206	23.3	19.8	29.6





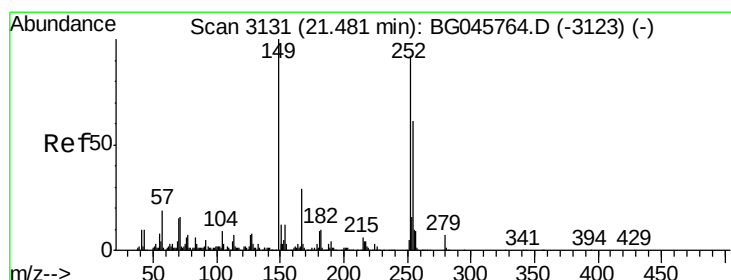
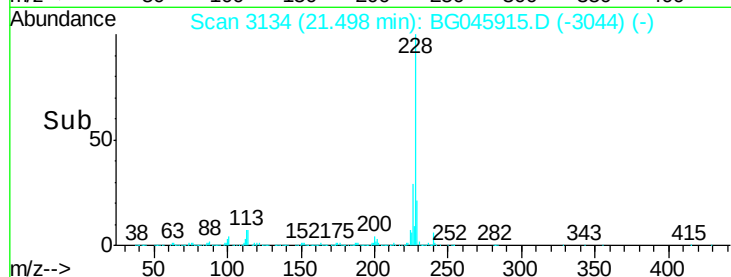
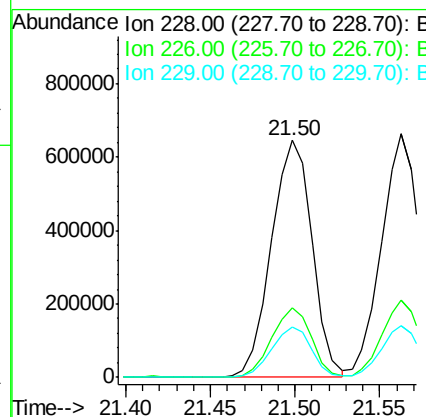
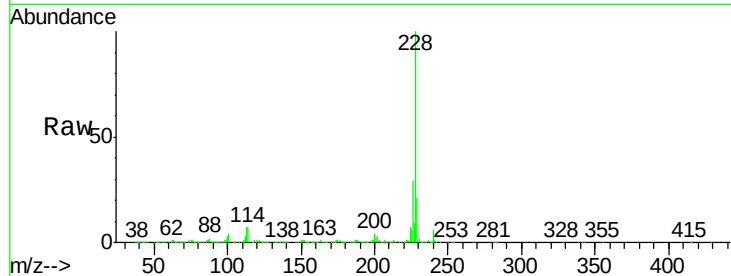
#81
Benzo(a)anthracene
Concen: 49.126 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	21.3	16.6	24.8

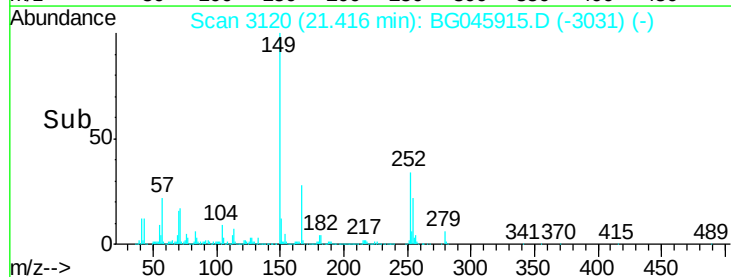
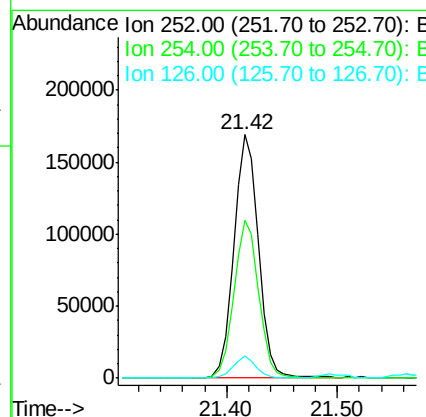
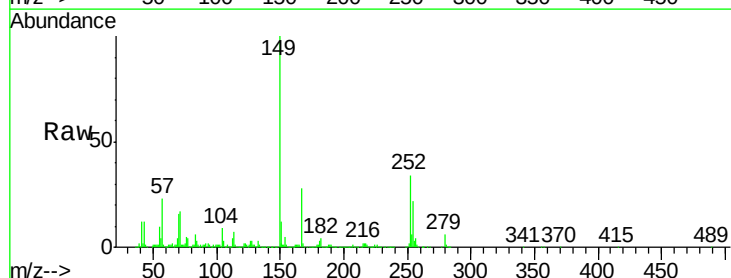
Manual Integrations
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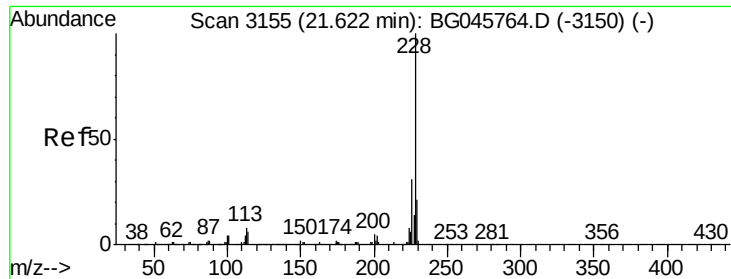
Sohil
7/7/2020 8:19:37 AM



#82
3,3'-Dichlorobenzidine
Concen: 32.103 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.8	80.6
126	8.9	6.4	9.6





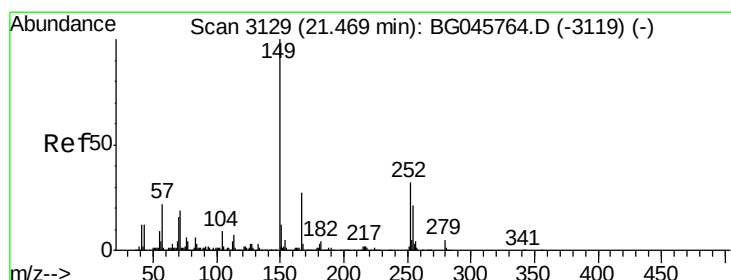
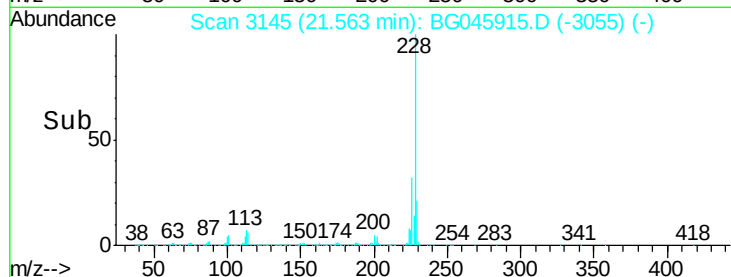
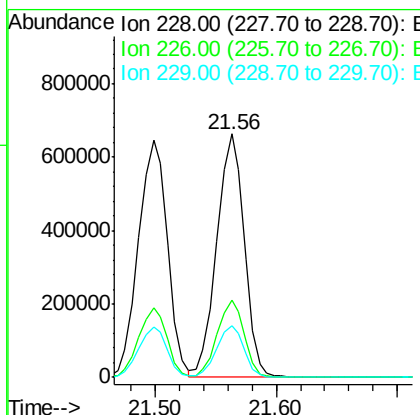
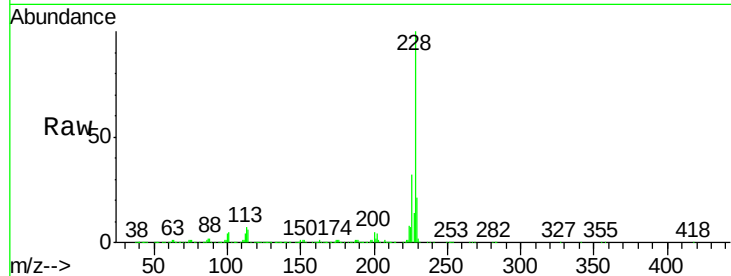
#83
Chrysene
Concen: 49.293 ng
RT: 21.56 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion:228 Resp: 1038746
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.6
229 21.1 16.4 24.6

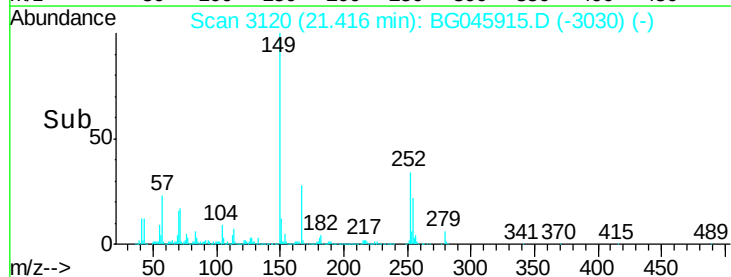
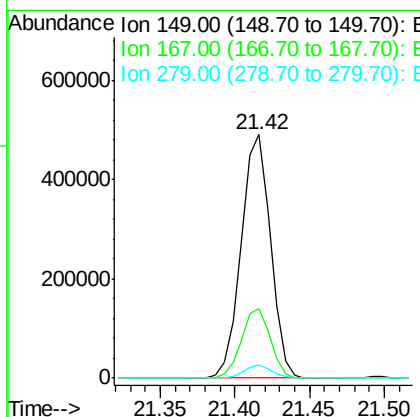
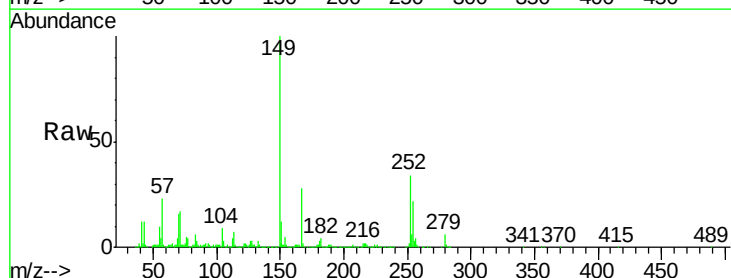
Manual Integrations
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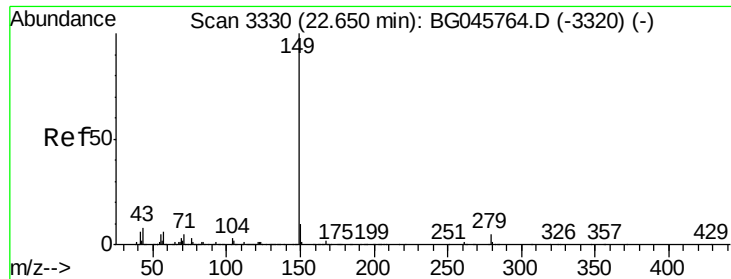
Sohil
7/7/2020 8:19:37 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.726 ng
RT: 21.42 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion:149 Resp: 664588
Ion Ratio Lower Upper
149 100
167 28.4 22.5 33.7
279 5.7 4.4 6.6





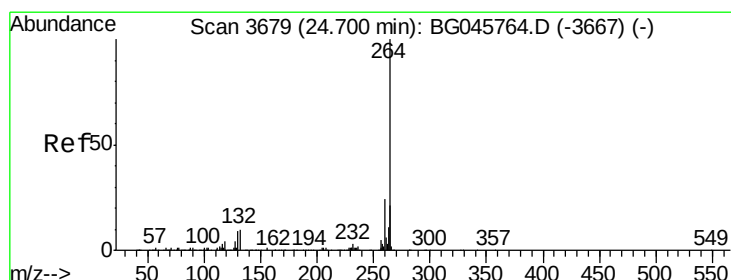
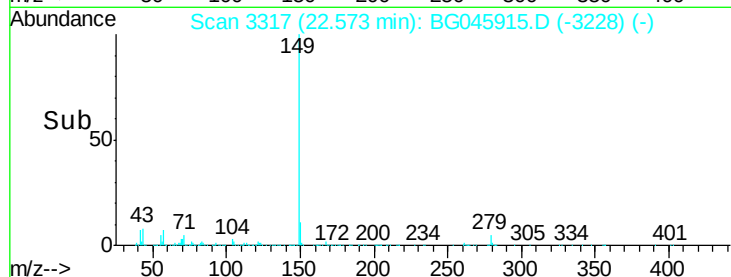
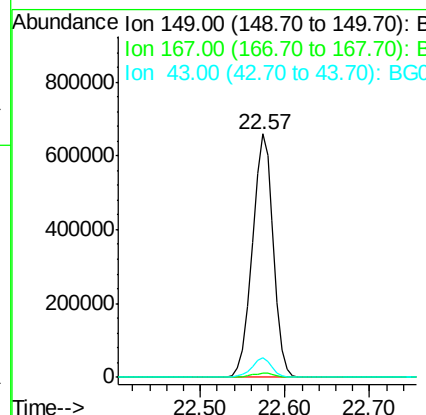
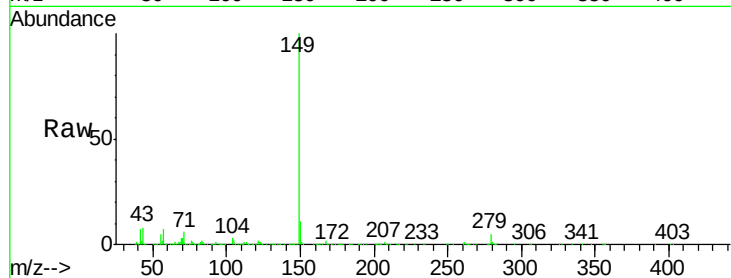
#85
Di-n-octyl phthalate
Concen: 50.001 ng
RT: 22.57 min Scan# 3317
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.7	6.1	9.1

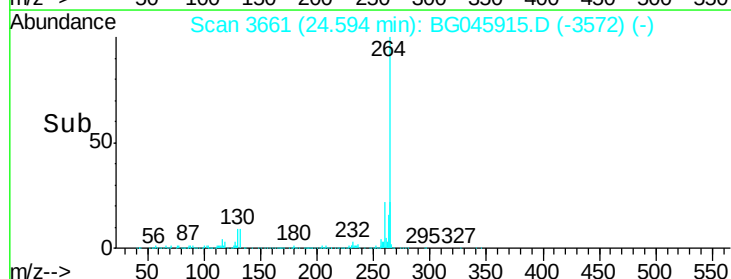
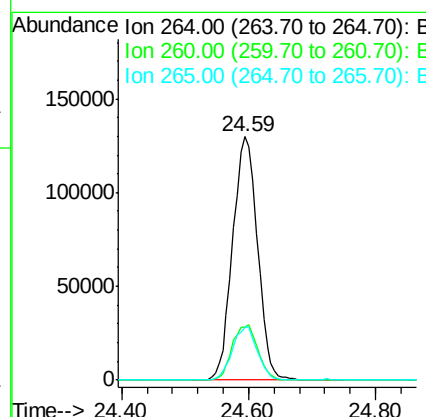
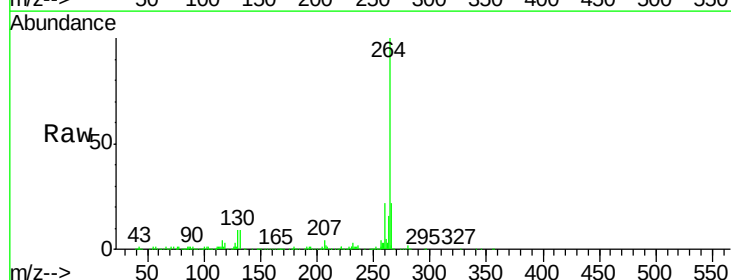
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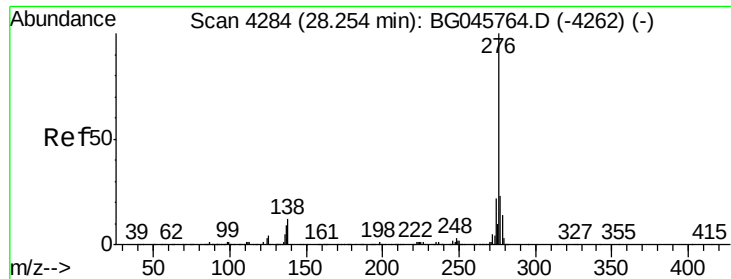
Sohil
7/7/2020 8:19:37 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.5	27.7
265	21.9	16.4	24.6





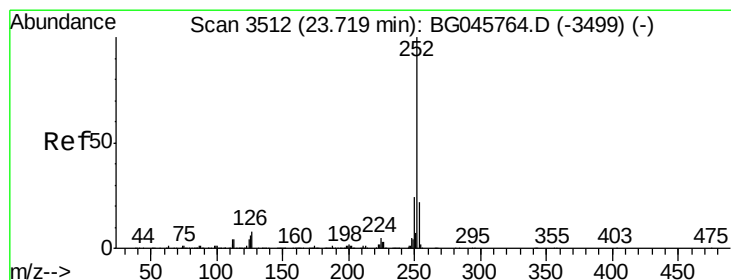
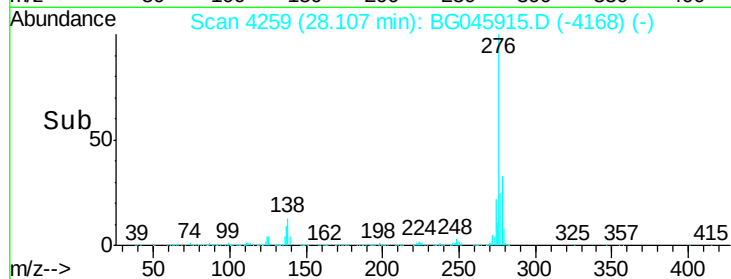
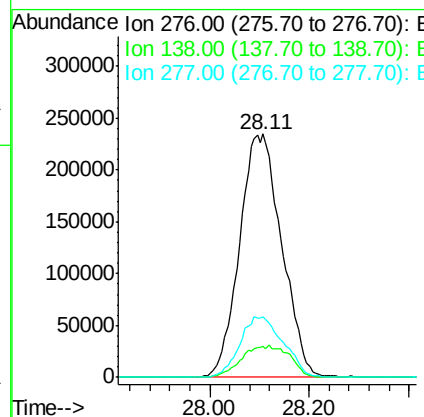
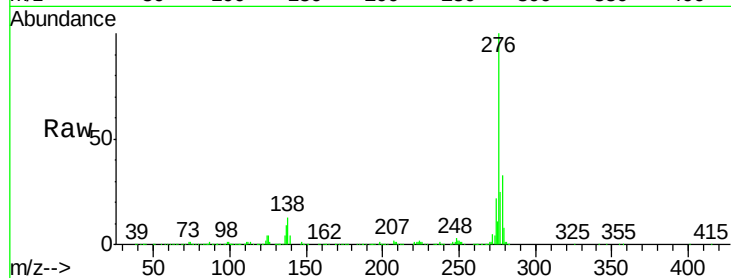
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.257 ng
 RT: 28.11 min Scan# 4259
 Delta R.T. 0.01 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Instrument :
 BNA_G
 ClientSampleId :
 SP2-LMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.7	8.4	12.6#
277	25.7	20.8	31.2

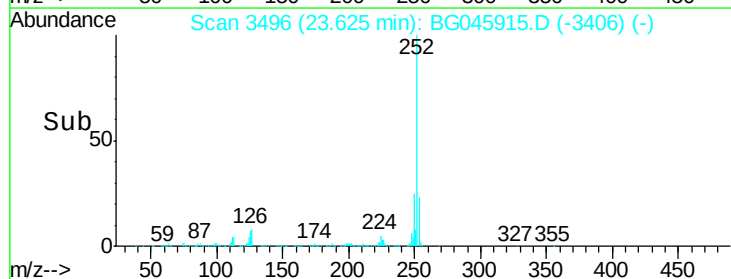
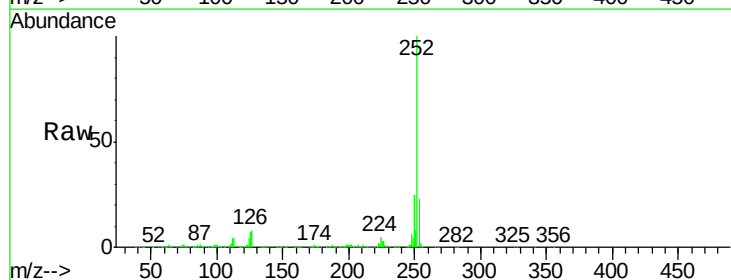
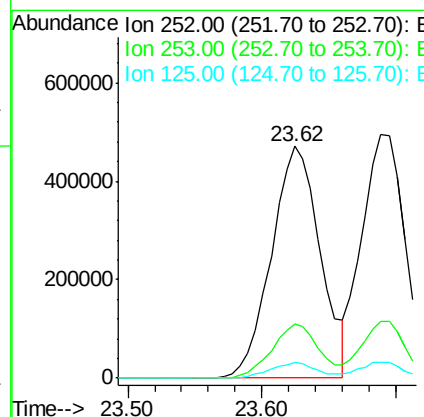
Manual Integrations
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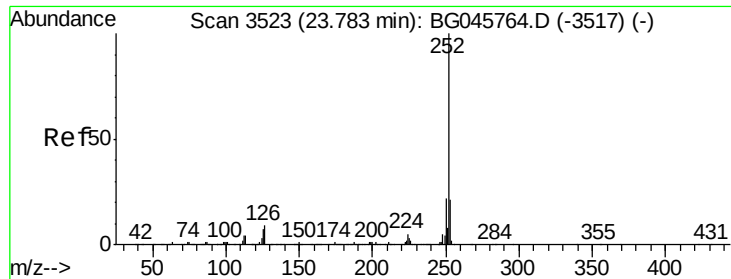
Sohil
 7/7/2020 8:19:37 AM



#88
 Benzo(b)fluoranthene
 Concen: 54.514 ng
 RT: 23.62 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG045915.D
 Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	6.7	5.2	7.8





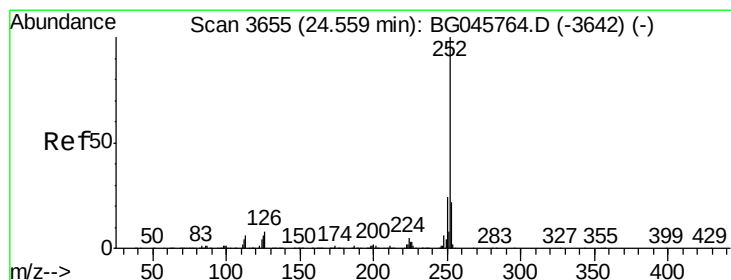
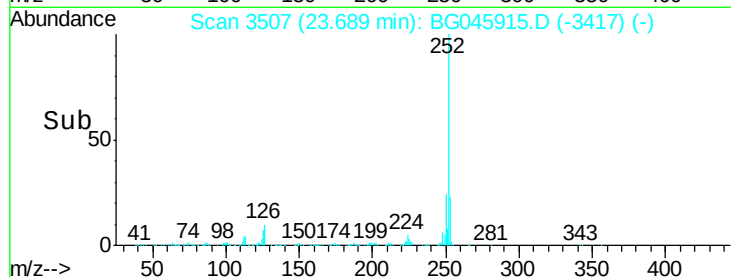
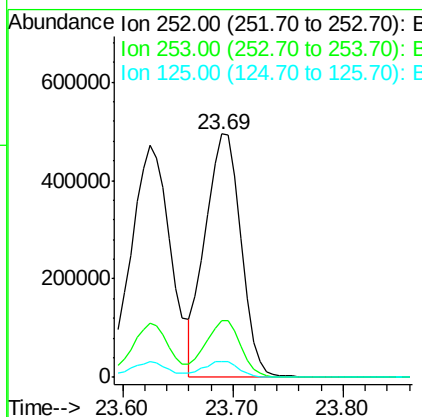
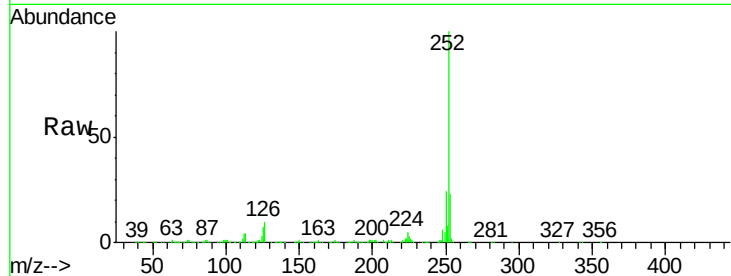
#89
Benzo(k)fluoranthene
Concen: 52.579 ng
RT: 23.69 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Instrument :
BNA_G
ClientSampleId :
SP2-LMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	6.6	5.2	7.8

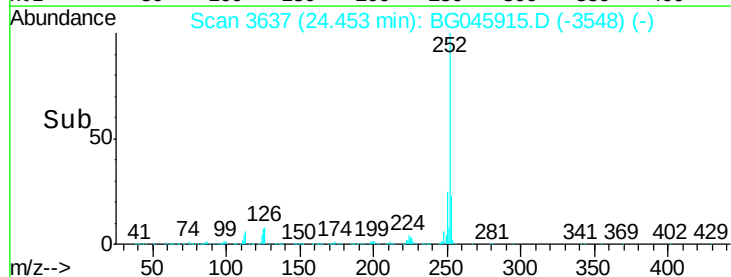
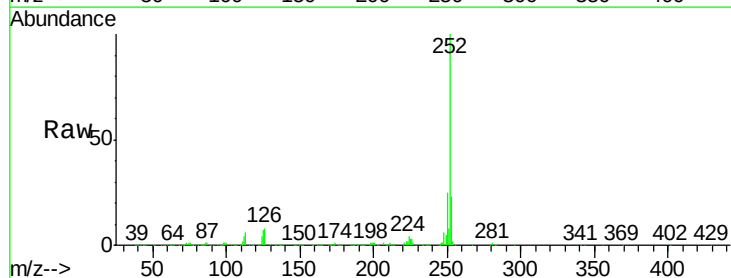
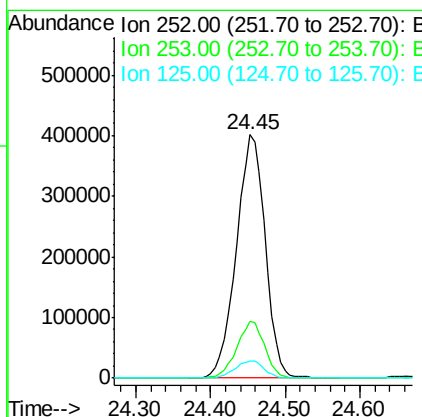
Manual Integrations
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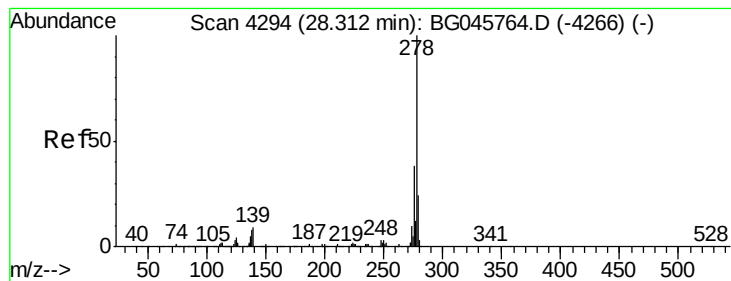
Sohil
7/7/2020 8:19:37 AM



#90
Benzo(a)pyrene
Concen: 52.668 ng
RT: 24.45 min Scan# 3637
Delta R.T. -0.01 min
Lab File: BG045915.D
Acq: 2 Jul 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	6.9	5.4	8.0





#91

Dibenzo(a,h)anthracene

Concen: 55.260 ng

RT: 28.16 min Scan# 4268

Delta R.T. 0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

Instrument :

BNA_G

ClientSampleId :

SP2-LMS

Tot Ion:278 Resp: 1123313

Ion Ratio Lower Upper

278 100

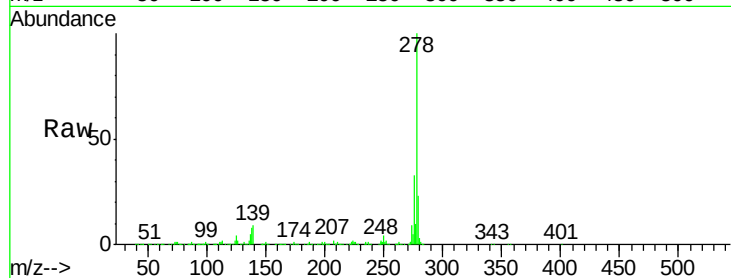
139 9.1 7.8 11.8

279 23.3 19.4 29.0

Manual Integrations
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Sohil

7/7/2020 8:19:37 AM



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

28.16

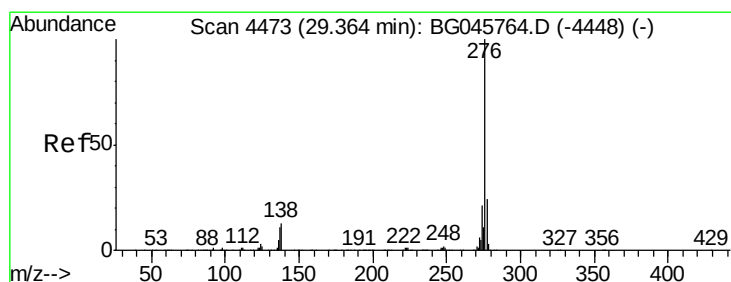
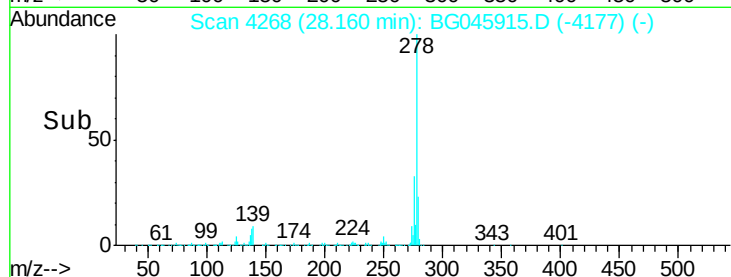
300000

200000

100000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 55.265 ng

RT: 29.19 min Scan# 4443

Delta R.T. -0.01 min

Lab File: BG045915.D

Acq: 2 Jul 2020 15:23

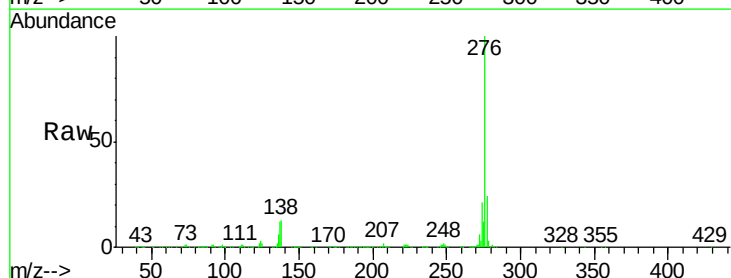
Tgt Ion:276 Resp: 1124440

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.2

138 12.8 10.1 15.1



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

29.19

300000

250000

200000

150000

100000

50000

0

Time-->

