

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040665.D
 Acq On : 29 Apr 2019 17:18
 Operator : JU/SJ
 Sample : PB119264BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:44:45 PM

Quant Time: Apr 30 05:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 05:31:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	47455	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	187078	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	128459	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	346310	20.00	ng	0.00
76) Chrysene-d12	21.82	240	408935	20.00	ng	0.00
87) Perylene-d12	25.18	264	403555	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	233249	86.64	ng	0.00
7) Phenol-d6	7.29	99	331706	80.02	ng	0.00
23) Nitrobenzene-d5	9.33	82	327192	80.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	152235	86.22	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	660070	74.21	ng	-0.01
79) Terphenyl-d14	20.12	244	1395471	75.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	51982	42.458	ng	97
3) Pyridine	3.96	79	134574	37.922	ng	96
4) n-Nitrosodimethylamine	3.87	42	78369	39.815	ng	99
6) Aniline	7.47	93	138837	25.270	ng	96
8) 2-Chlorophenol	7.71	128	133412	40.586	ng	94
9) Benzaldehyde	7.29	77	35335	13.749	ng	92
10) Phenol	7.32	94	190476	42.749	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	129587	38.784	ng	98
12) 1,3-Dichlorobenzene	8.03	146	143530	40.004	ng	97
13) 1,4-Dichlorobenzene	8.19	146	144887	39.836	ng	98
14) 1,2-Dichlorobenzene	8.51	146	139120	39.662	ng	98
15) Benzyl Alcohol	8.39	79	158876	36.837	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	244904	36.815	ng	98
17) 2-Methylphenol	8.58	107	126238	40.034	ng	93
18) Hexachloroethane	9.24	117	57055	38.241	ng	91
19) n-Nitroso-di-n-propylamine	8.96	70	127404	34.145	ng	99
20) 3+4-Methylphenols	8.91	107	172200	39.201	ng	96
22) Acetophenone	8.98	105	219023	42.102	ng	# 98
24) Nitrobenzene	9.37	77	192512	44.565	ng	99
25) Isophorone	9.89	82	348782	38.674	ng	98
26) 2-Nitrophenol	10.08	139	74838	48.330	ng	97
27) 2,4-Dimethylphenol	10.13	122	145899	50.218	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	179131	39.589	ng	97
29) 2,4-Dichlorophenol	10.61	162	150960	45.704	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	158132	43.172	ng	99
31) Naphthalene	11.03	128	415717	41.827	ng	98
32) Benzoic acid	10.24	122	98839	49.695	ng	91
33) 4-Chloroaniline	11.13	127	85361	19.371	ng	97
34) Hexachlorobutadiene	11.30	225	115280	42.631	ng	98
35) Caprolactam	11.91	113	51353m	39.380	ng	
36) 4-Chloro-3-methylphenol	12.23	107	170967	41.031	ng	99
37) 2-Methylnaphthalene	12.62	142	305240	41.076	ng	98
38) 1-Methylnaphthalene	12.84	142	293837	40.454	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	206945	43.245	ng	98

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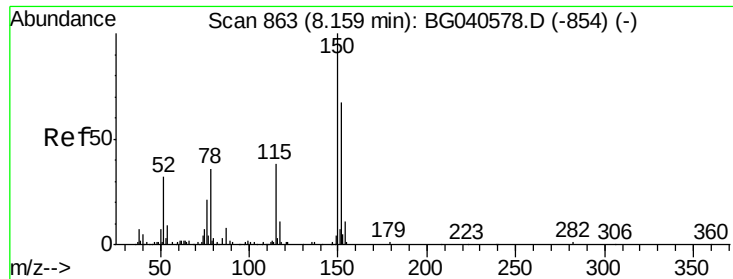
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	266221	94.278	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	136894	47.338	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	145991	46.342	ng	97
46) 1,1'-Biphenyl	13.62	154	411983	41.307	ng	96
47) 2-Chloronaphthalene	13.67	162	330352	42.324	ng	97
48) 2-Nitroaniline	13.87	65	135320	48.704	ng	98
49) Acenaphthylene	14.51	152	529693	39.999	ng	100
50) Dimethylphthalate	14.23	163	440661	41.000	ng	98
51) 2,6-Dinitrotoluene	14.36	165	96531	46.018	ng	97
52) Acenaphthene	14.85	154	312867	40.569	ng	94
53) 3-Nitroaniline	14.69	138	69237	32.214	ng	# 88
54) 2,4-Dinitrophenol	14.89	184	109779	91.671	ng	# 82
55) Dibenzofuran	15.18	168	523401	41.435	ng	99
56) 4-Nitrophenol	14.97	139	175663	94.256	ng	99
57) 2,4-Dinitrotoluene	15.14	165	139781	49.039	ng	# 99
58) Fluorene	15.83	166	416147	40.760	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	152389	48.060	ng	99
60) Diethylphthalate	15.58	149	462631	40.797	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	254693	42.892	ng	97
62) 4-Nitroaniline	15.85	138	109593	45.583	ng	92
63) Azobenzene	16.11	77	471042	40.334	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	78886	46.492	ng	96
66) n-Nitrosodiphenylamine	16.03	169	389059	38.185	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	163813	37.968	ng	97
68) Hexachlorobenzene	16.82	284	177146	39.708	ng	97
69) Atrazine	16.97	200	168906	41.842	ng	98
70) Pentachlorophenol	17.16	266	236999	90.784	ng	96
71) Phenanthrene	17.57	178	759097	40.695	ng	99
72) Anthracene	17.66	178	776245	41.401	ng	100
73) Carbazole	17.93	167	710414	41.588	ng	99
74) Di-n-butylphthalate	18.47	149	852280	41.337	ng	99
75) Fluoranthene	19.57	202	1026130	44.144	ng	100
77) Benzidine	19.75	184	384830	34.370	ng	99
78) Pyrene	19.93	202	1032950	40.302	ng	98
80) Butylbenzylphthalate	20.81	149	417133	41.757	ng	95
81) Benzo(a)anthracene	21.79	228	1023750	39.611	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	242365	26.310	ng	97
83) Chrysene	21.86	228	986526	40.136	ng	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	571241	39.615	ng	99
85) Di-n-octyl phthalate	22.93	149	977189	40.238	ng	99
86) Indeno(1,2,3-cd)pyrene	29.06	276	1196301	40.256	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	1037918	42.088	ng	98
89) Benzo(k)fluoranthene	24.18	252	1004553	43.618	ng	99
90) Benzo(a)pyrene	25.02	252	1015342	43.496	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	966925	40.932	ng	98
92) Benzo(g,h,i)perylene	30.28	276	983335	41.826	ng	97

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



#1

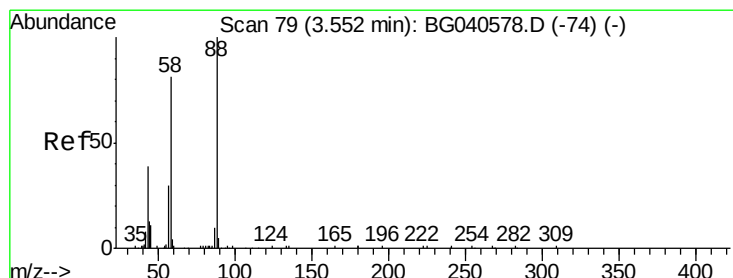
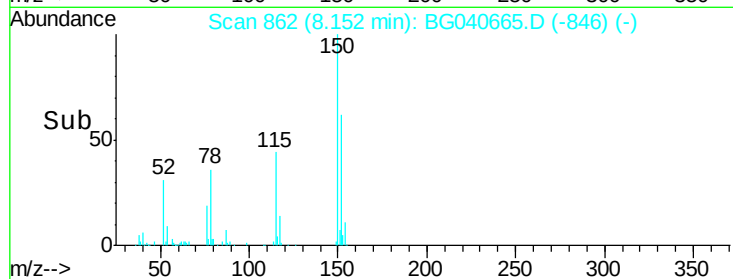
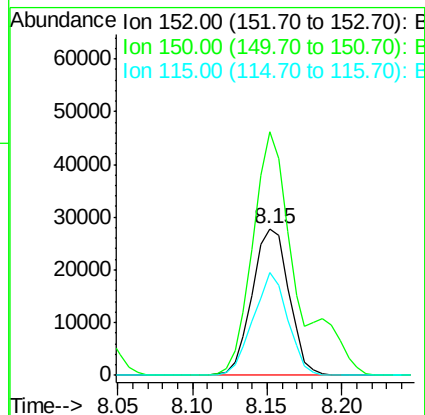
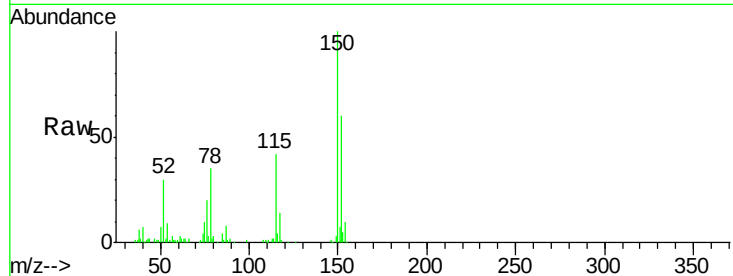
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.2	120.2	180.2
115	70.2	46.2	69.2

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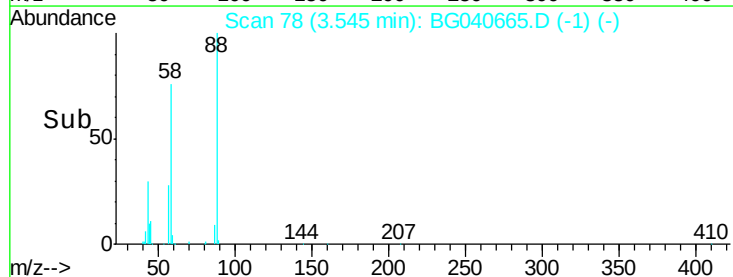
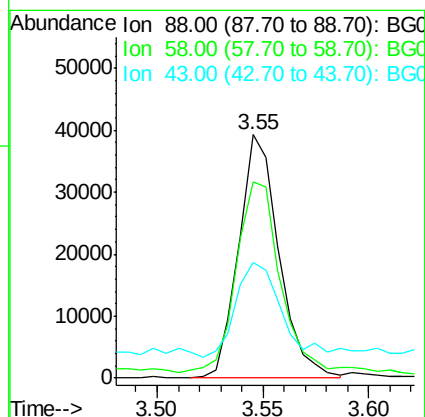
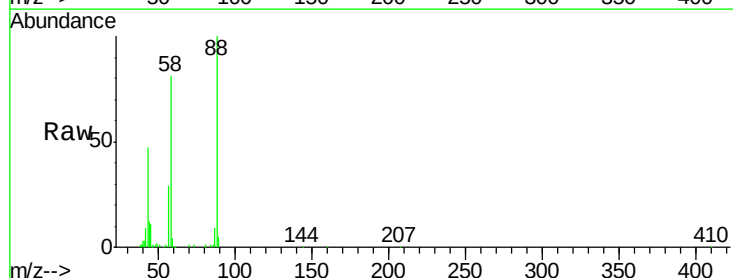
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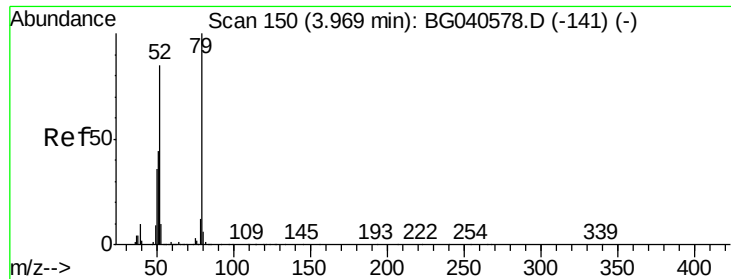


#2

1,4-Dioxane
Concen: 42.458 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	71.2	106.8
43	47.6	35.6	53.4





#3

Pyridine

Concen: 37.922 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

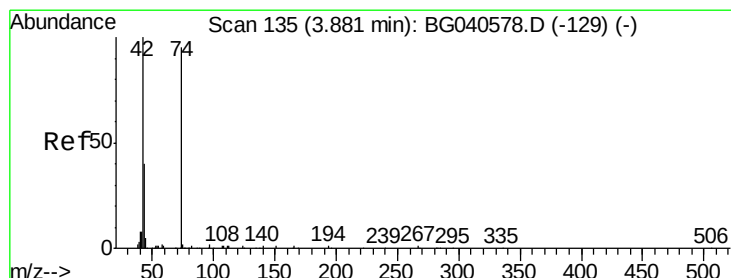
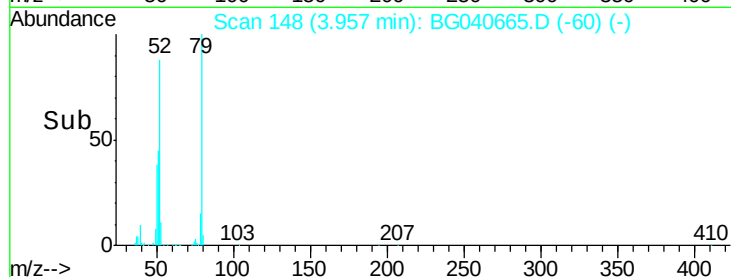
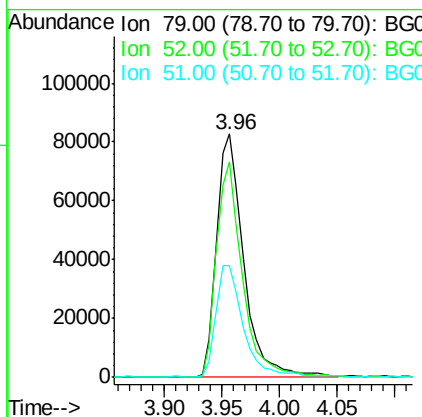
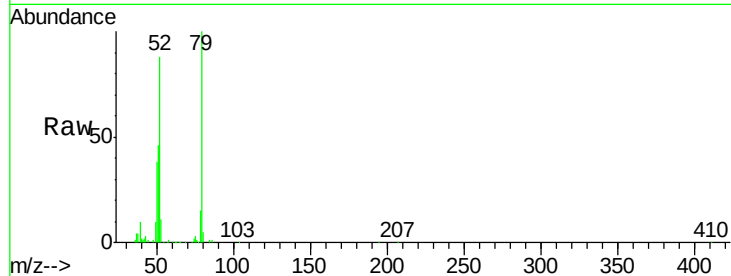
ClientSampled :

PB119264BSD

Tgt Ion:	79	Resp:	134574
Ion	Ratio	Lower	Upper
79	100		
52	88.4	67.5	101.3
51	45.8	35.6	53.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.815 ng

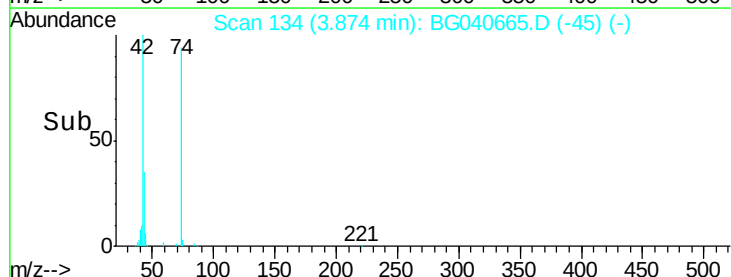
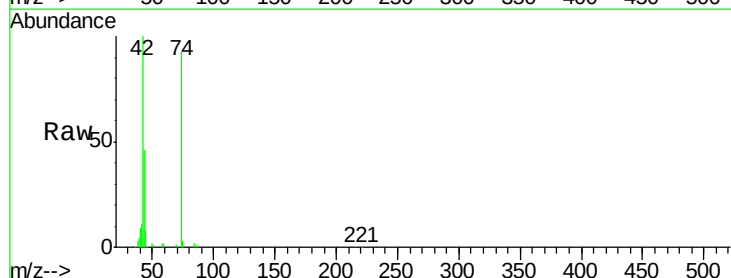
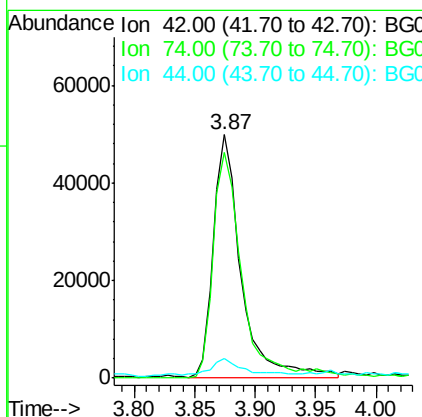
RT: 3.87 min Scan# 134

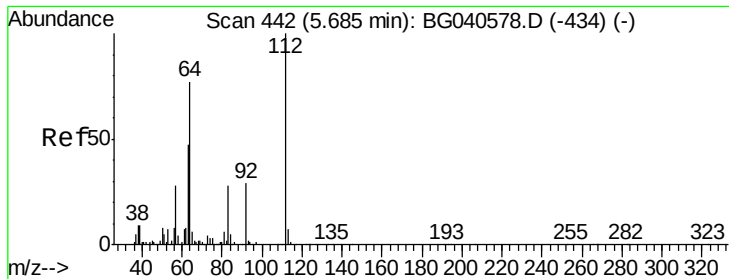
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	42	Resp:	78369
Ion	Ratio	Lower	Upper
42	100		
74	92.9	74.6	111.8
44	8.0	7.4	11.0





#5

2-Fluorophenol

Concen: 86.643 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG040665.D

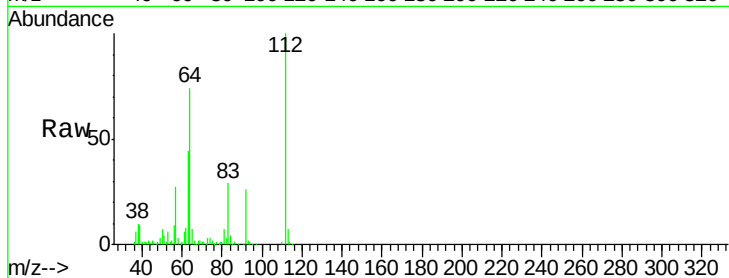
Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampleId :

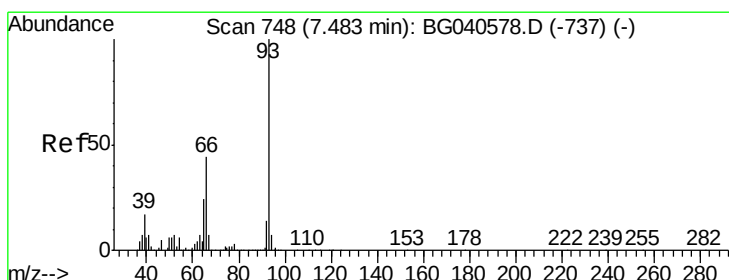
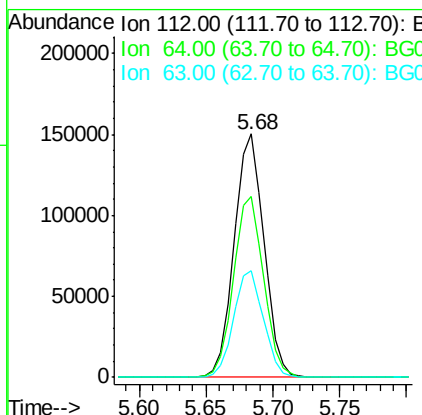
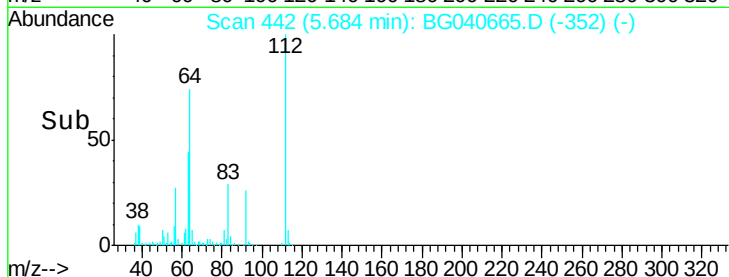
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Tgt Ion:	112	Resp:	233249
Ion Ratio	Lower	Upper	
112	100		
64	74.4	61.4	92.0
63	43.8	37.8	56.6

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#6

Aniline

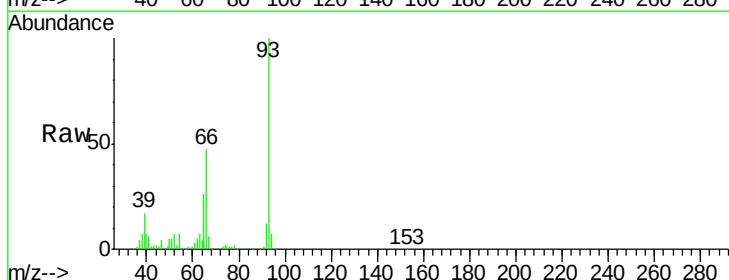
Concen: 25.270 ng

RT: 7.47 min Scan# 746

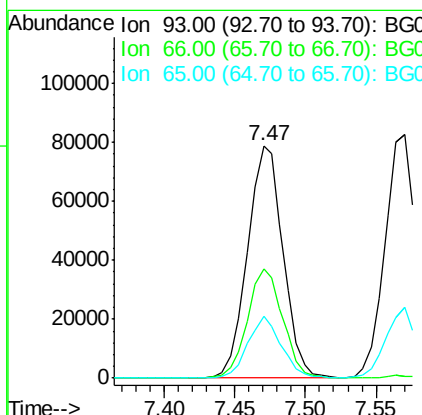
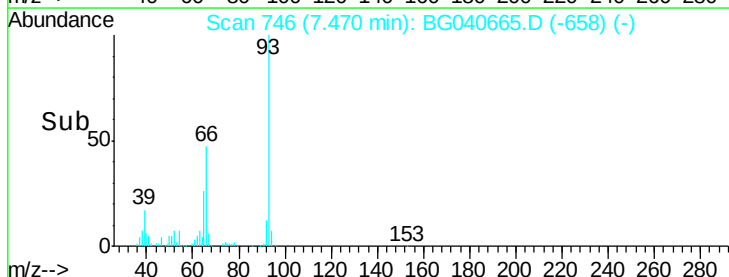
Delta R.T. -0.01 min

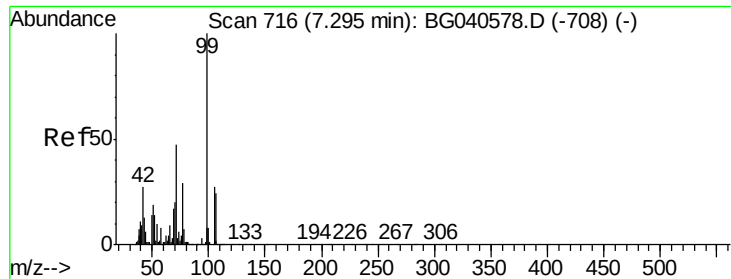
Lab File: BG040665.D

Acq: 29 Apr 2019 17:18



Tgt Ion:	93	Resp:	138837
Ion Ratio	Lower	Upper	
93	100		
66	47.0	35.5	53.3
65	26.4	19.2	28.8





#7

Phenol-d6

Concen: 80.025 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

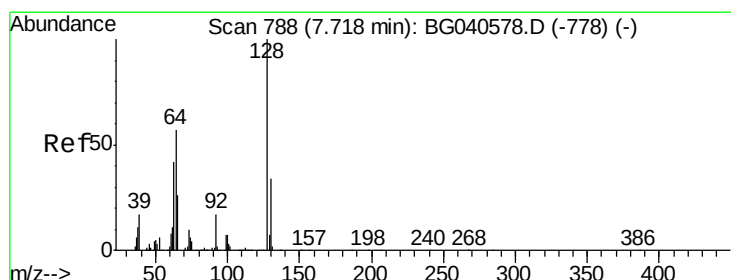
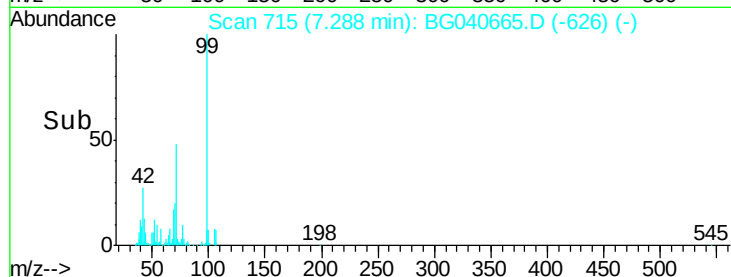
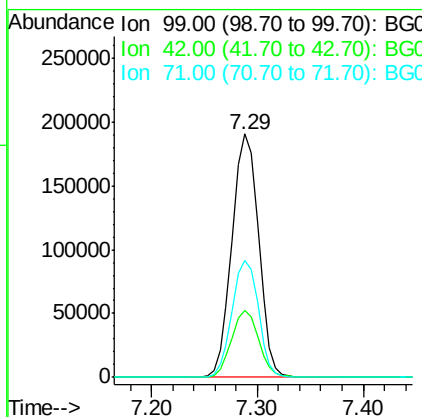
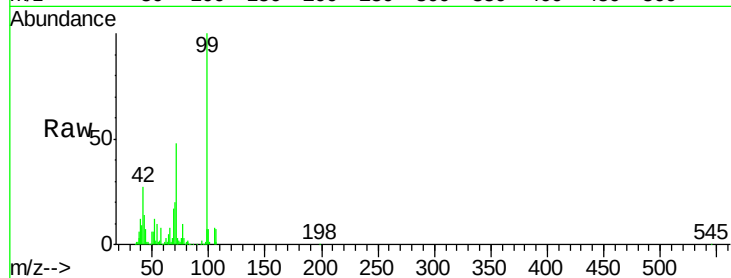
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Tgt Ion:	99	Resp:	331706
Ion Ratio	Lower	Upper	
99	100		
42	27.3	21.8	32.8
71	48.1	38.6	57.8

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#8

2-Chlorophenol

Concen: 40.586 ng

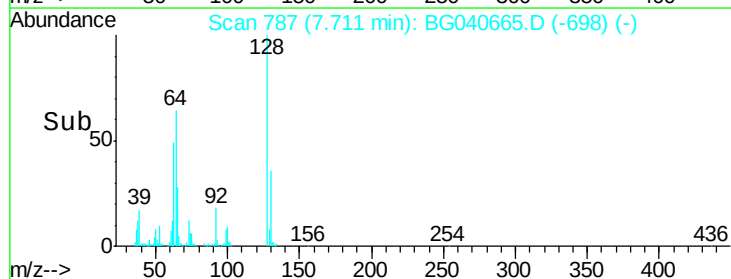
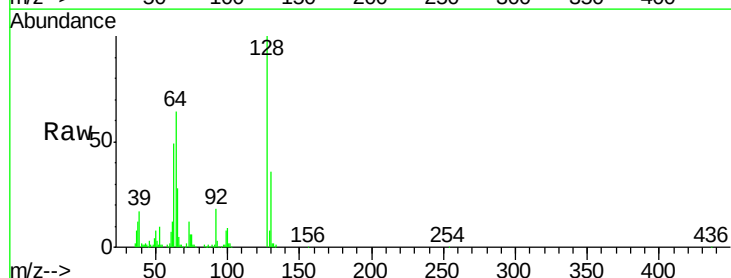
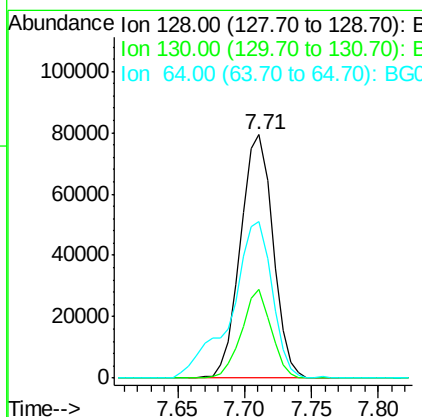
RT: 7.71 min Scan# 787

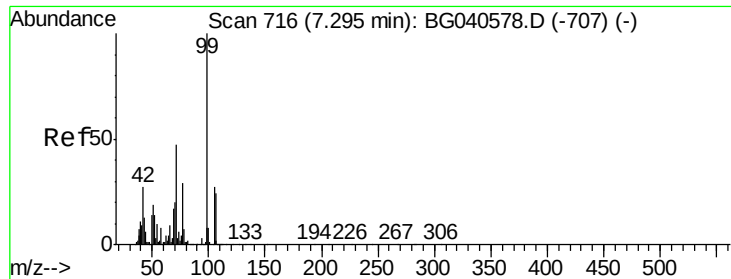
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	128	Resp:	133412
Ion Ratio	Lower	Upper	
128	100		
130	36.3	14.5	54.5
64	64.4	38.4	78.4





#9

Benzaldehyde

Concen: 13.749 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040665.D

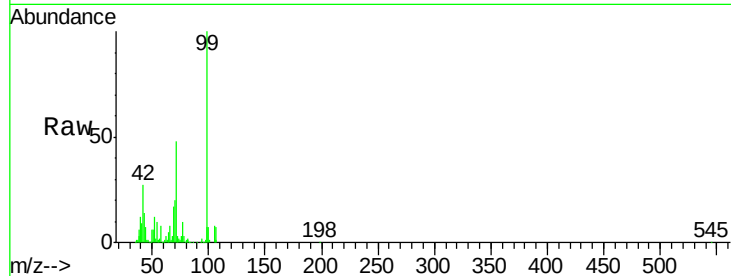
Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampleId :

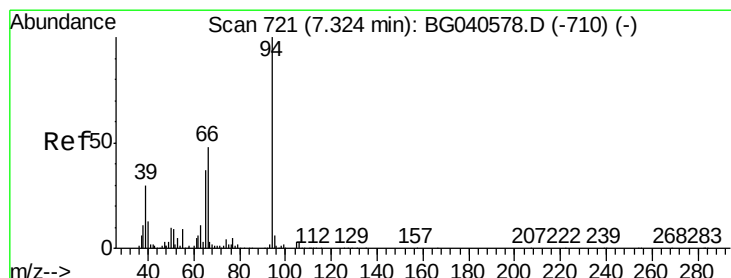
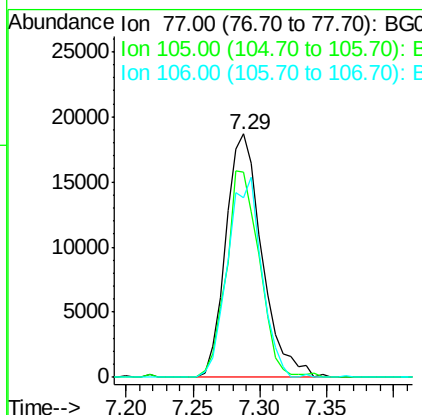
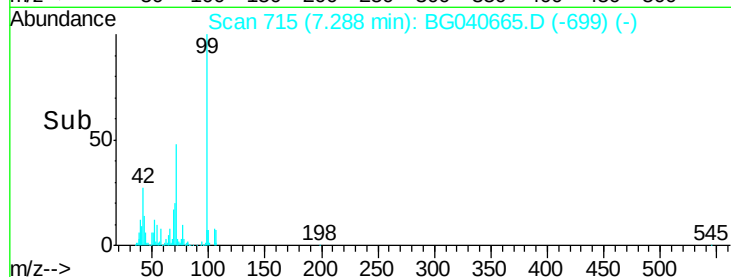
PB119264BSD



Tgt Ion:	77	Resp:	35335
Ion	Ratio	Lower	Upper
77	100		
105	84.2	72.0	112.0
106	73.6	61.2	101.2

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#10

Phenol

Concen: 42.749 ng

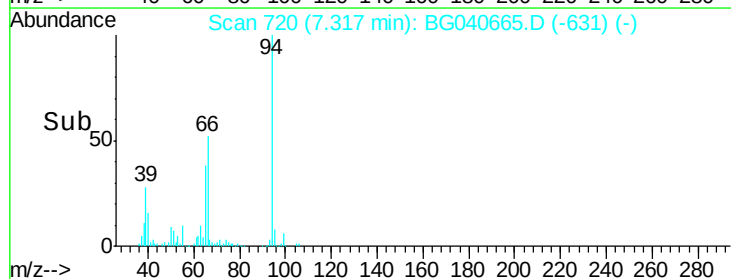
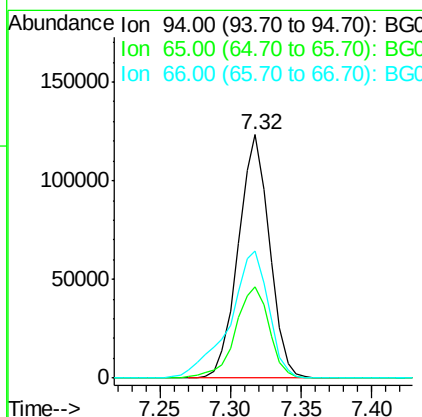
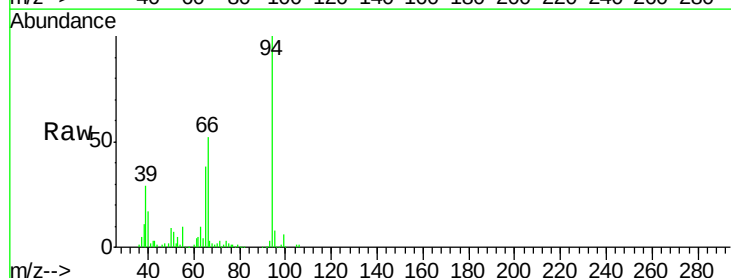
RT: 7.32 min Scan# 720

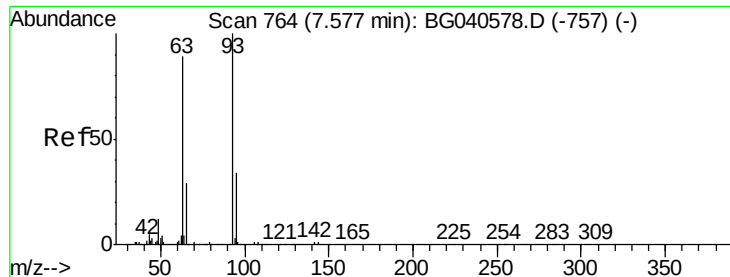
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	94	Resp:	190476
Ion	Ratio	Lower	Upper
94	100		
65	37.6	17.0	57.0
66	52.4	28.6	68.6





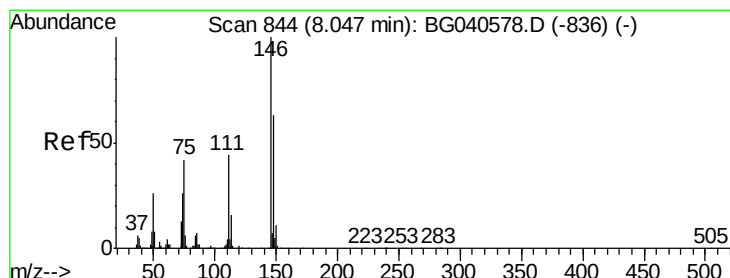
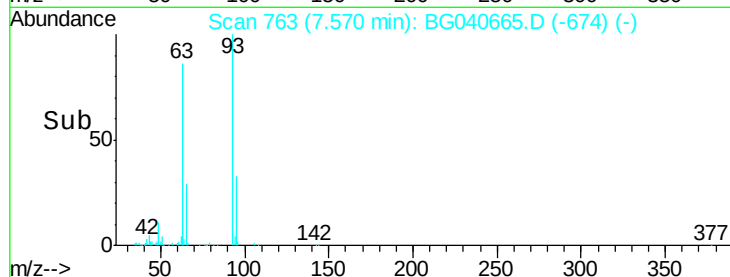
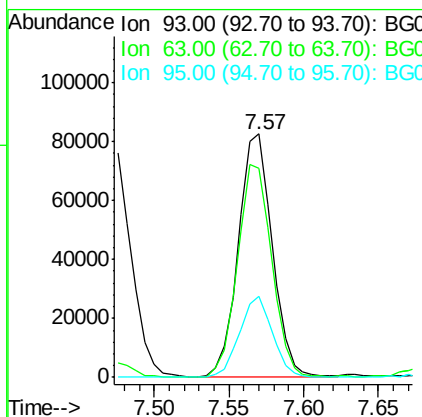
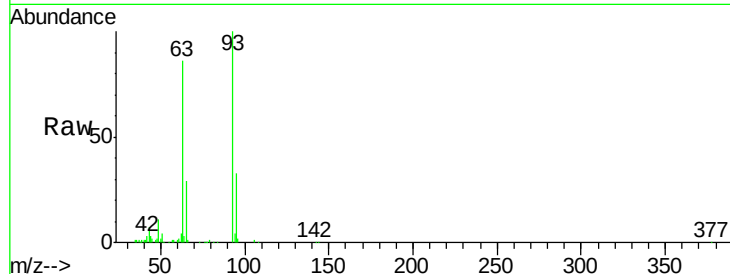
#11
bis(2-Chloroethyl)ether
Concen: 38.784 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.9	68.2	108.2
95	33.1	14.3	54.3

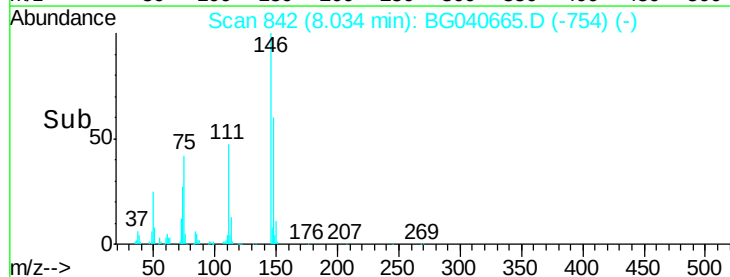
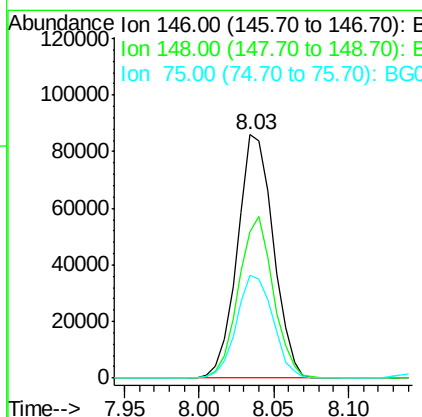
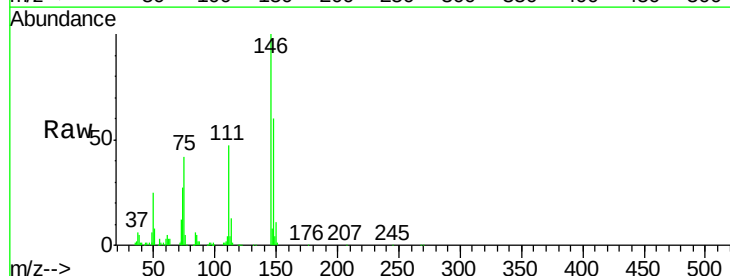
Manual Integrations
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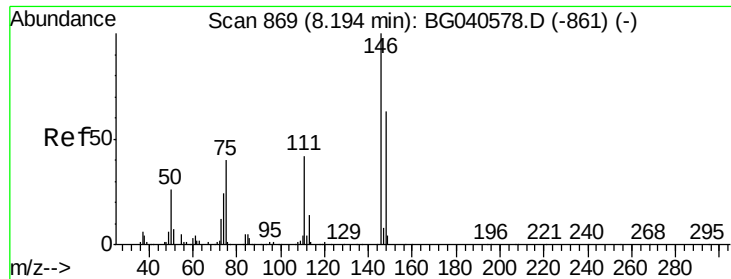
Sohil
4/30/2019 6:44:45 PM



#12
1,3-Dichlorobenzene
Concen: 40.004 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.7	76.1
75	42.1	33.4	50.2





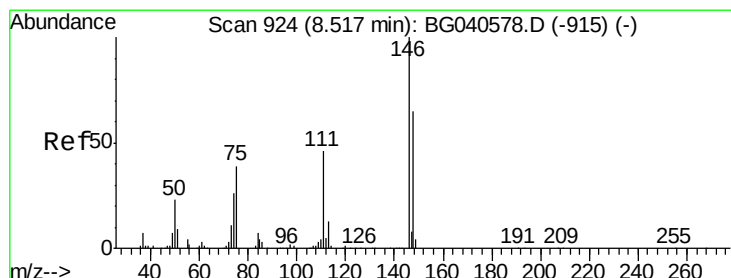
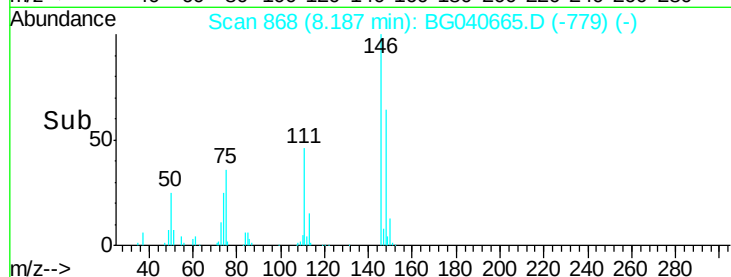
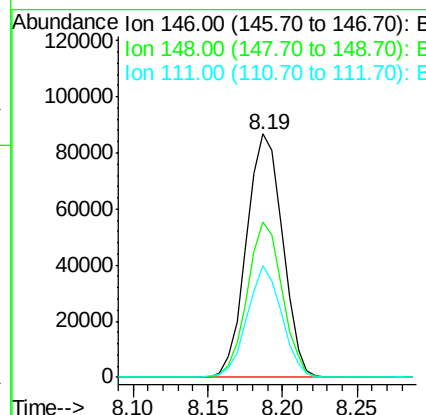
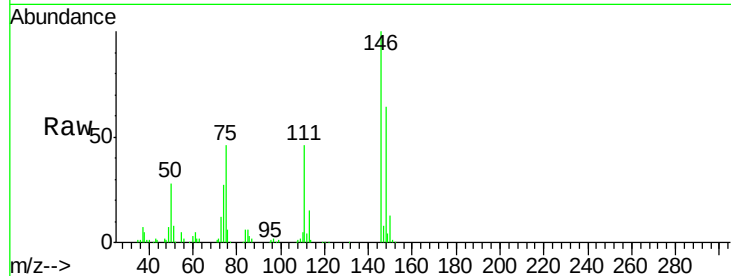
#13
 1,4-Dichlorobenzene
 Concen: 39.836 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	45.9	34.3	51.5

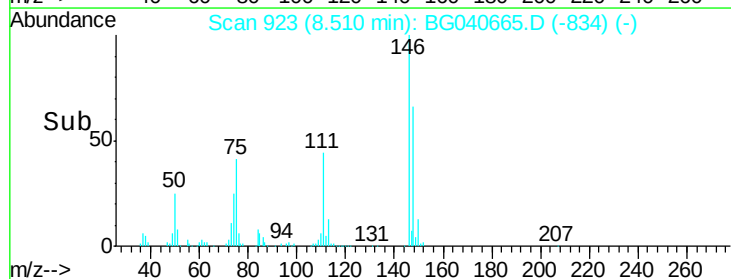
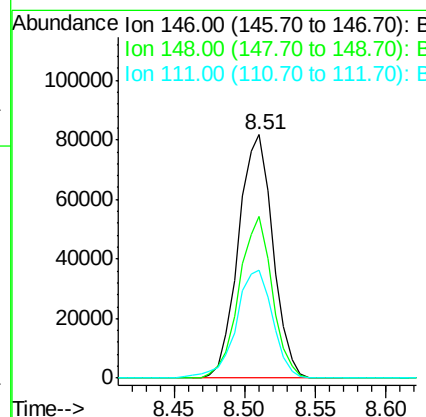
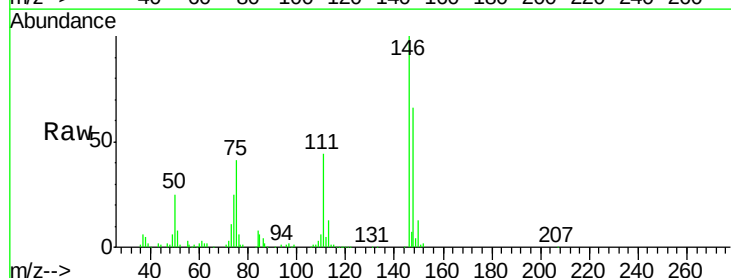
Manual Integrations
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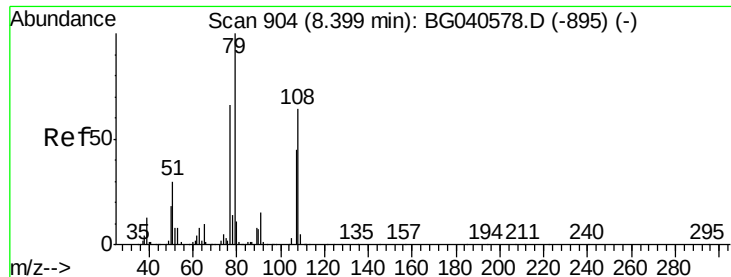
Sohil
 4/30/2019 6:44:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.662 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.4
111	44.3	37.4	56.0





#15

Benzyl Alcohol

Concen: 36.837 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

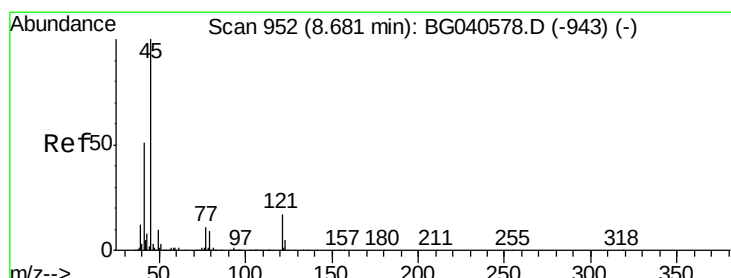
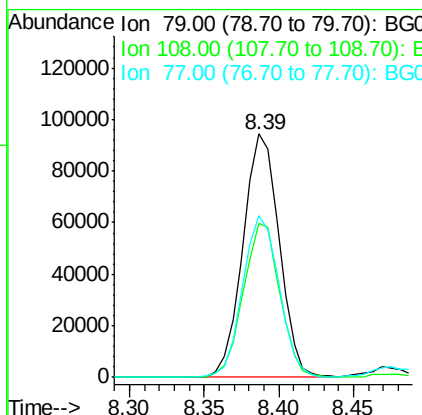
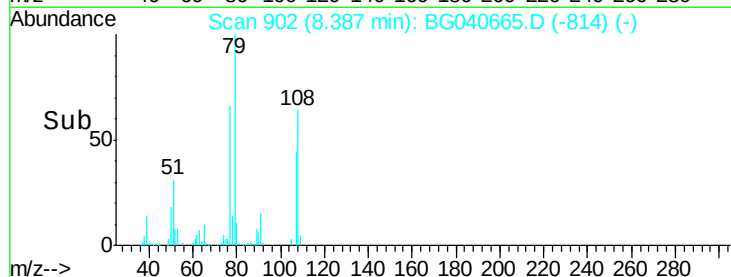
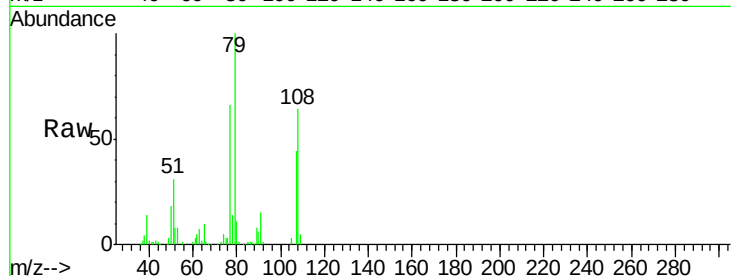
ClientSampleId :

PB119264BSD

Tgt Ion:	79	Resp:	158876
Ion	Ratio	Lower	Upper
79	100		
108	63.5	51.4	77.0
77	66.3	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.815 ng

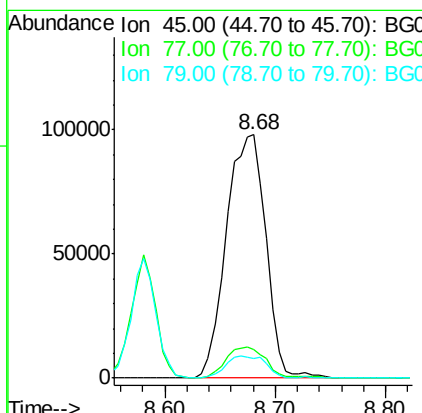
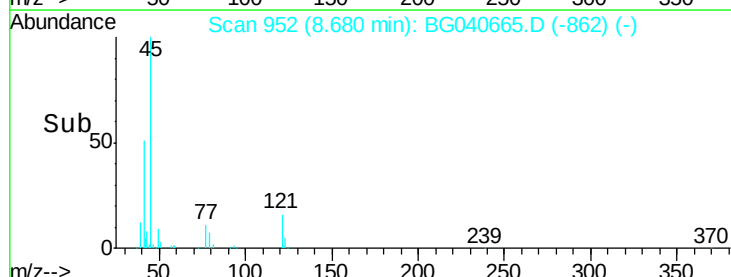
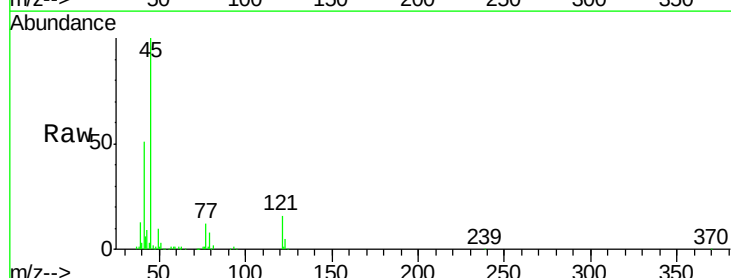
RT: 8.68 min Scan# 952

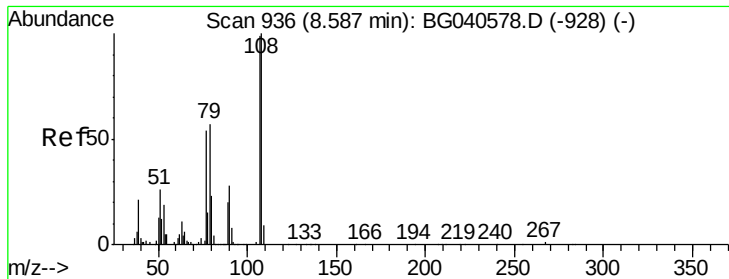
Delta R.T. -0.00 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	45	Resp:	244904
Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.5
79	8.0	0.0	29.4





#17

2-Methylphenol

Concen: 40.034 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040665.D

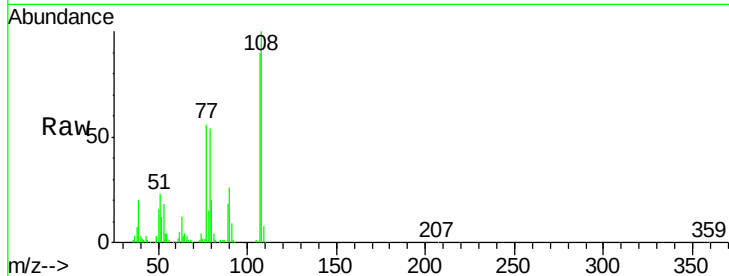
Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampled :

PB119264BSD



Tgt Ion:107 Resp: 126238

Ion Ratio Lower Upper

107 100

108 111.1 81.2 121.8

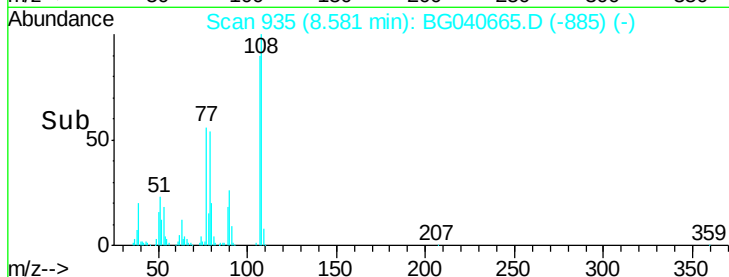
77 62.2 44.4 66.6

79 60.1 47.0 70.4

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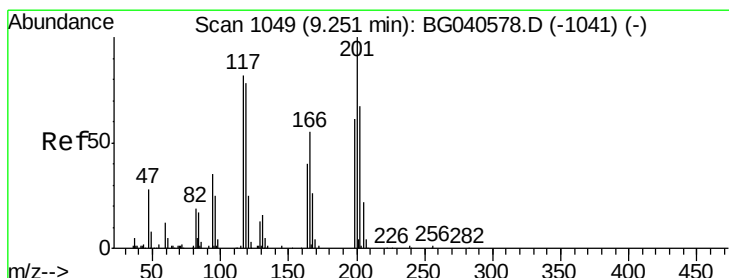
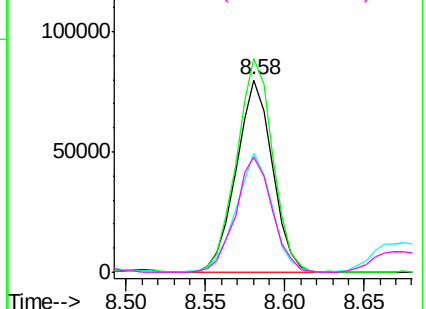


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.241 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

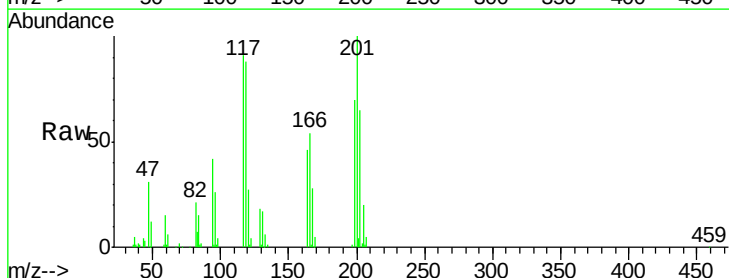
Tgt Ion:117 Resp: 57055

Ion Ratio Lower Upper

117 100

119 96.8 76.6 114.8

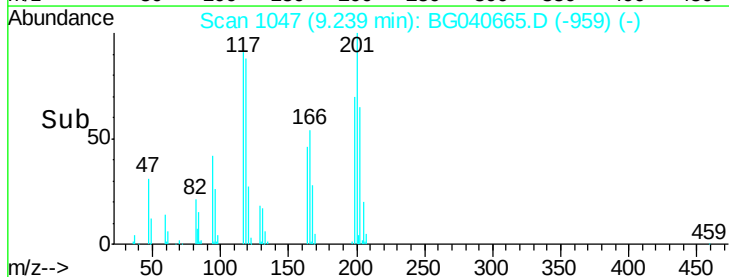
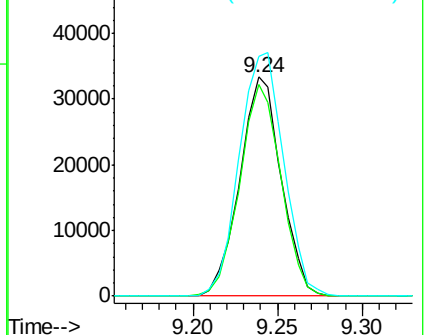
201 109.4 101.0 151.6

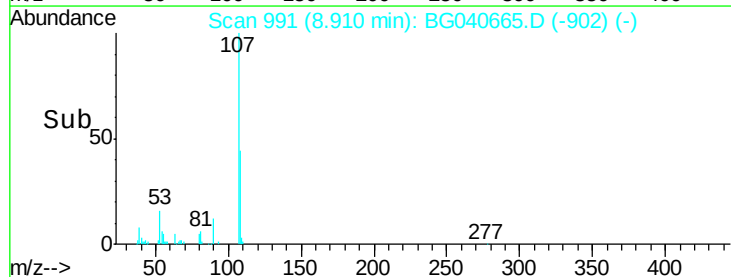
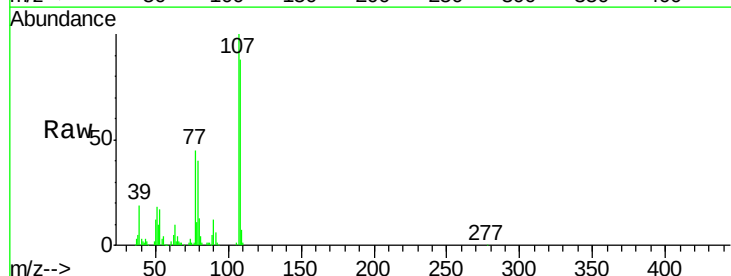
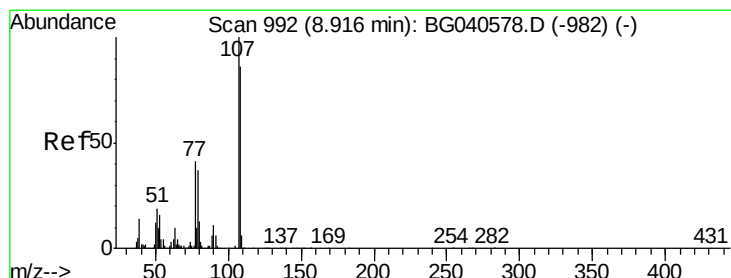
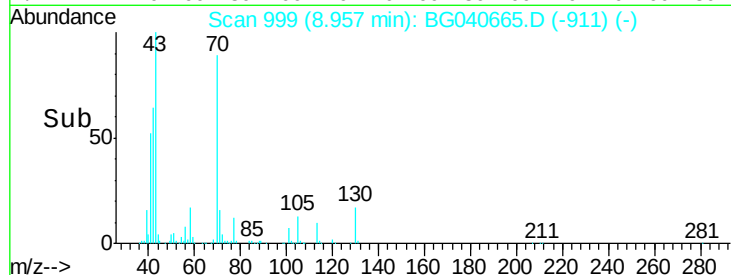
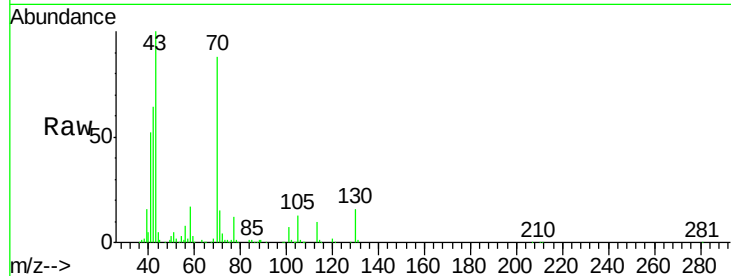
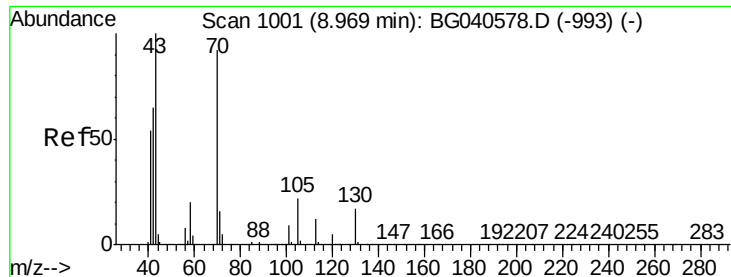


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

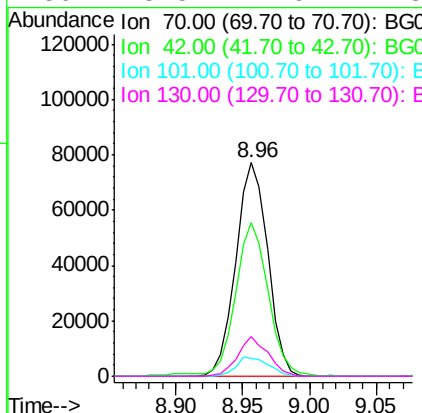
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.145 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.2	57.1	85.7	
101	8.2	7.8	11.8	
130	18.5	14.6	21.8	



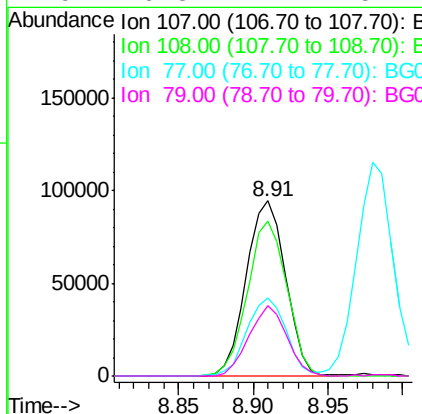
Instrument :
BNA_G
ClientSampleId :
PB119264BSD

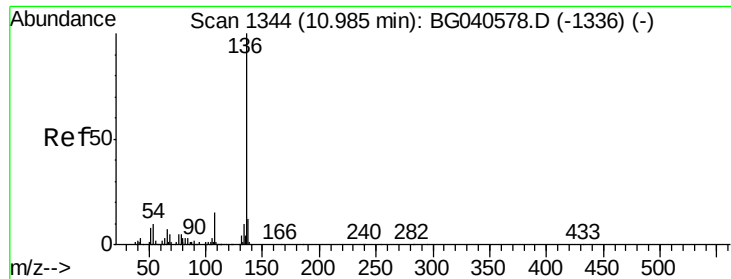
Manual Integrations
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#20
3+4-Methylphenols
Concen: 39.201 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	66.1	106.1	
77	45.0	21.6	61.6	
79	40.3	17.4	57.4	





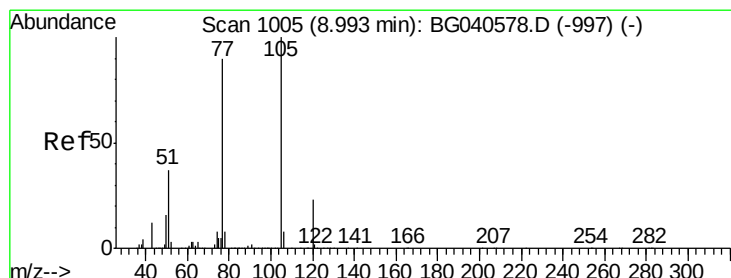
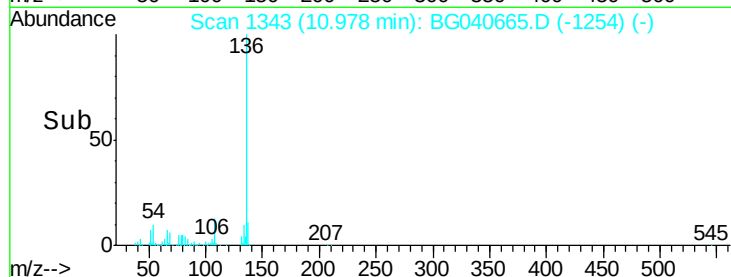
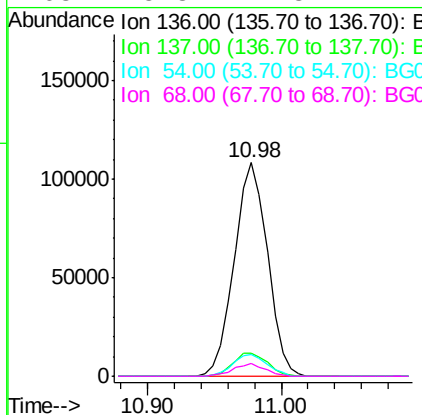
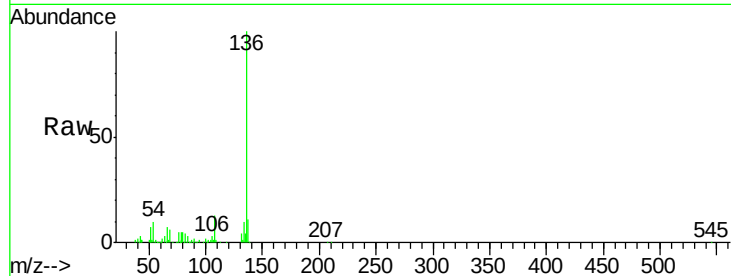
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	187078		
137	11.0	9.7	14.5	
54	10.4	8.6	12.8	
68	5.8	4.8	7.2	

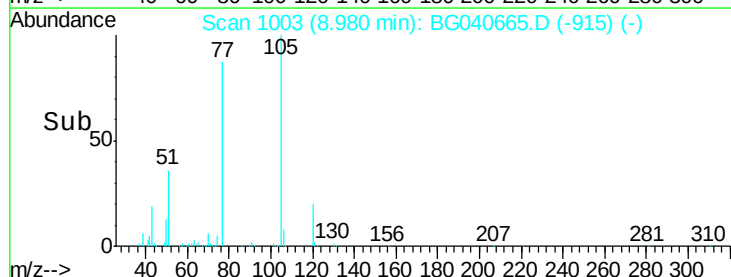
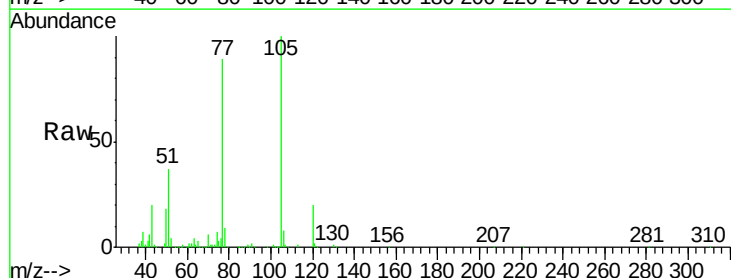
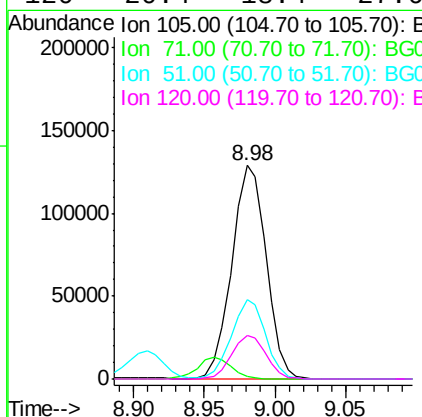
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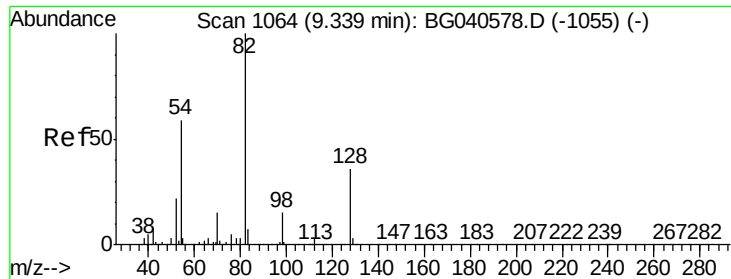
Sohil
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#22
Acetophenone
Concen: 42.102 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219023		
71	1.5	1.8	2.8#	
51	37.2	29.8	44.8	
120	20.4	18.4	27.6	





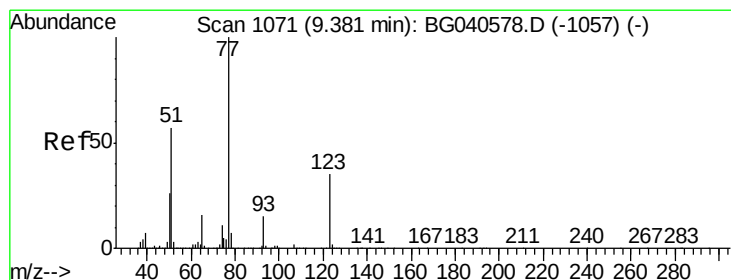
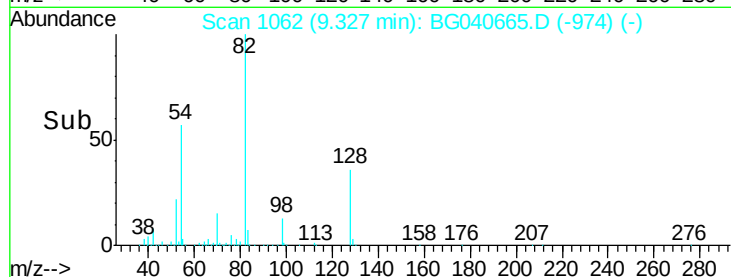
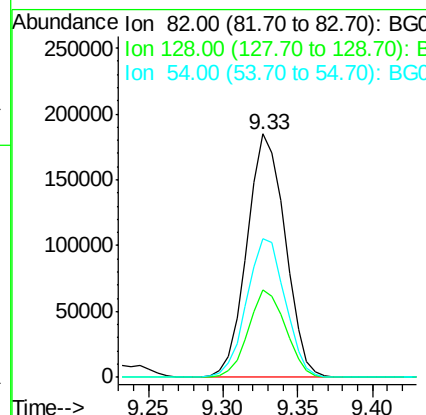
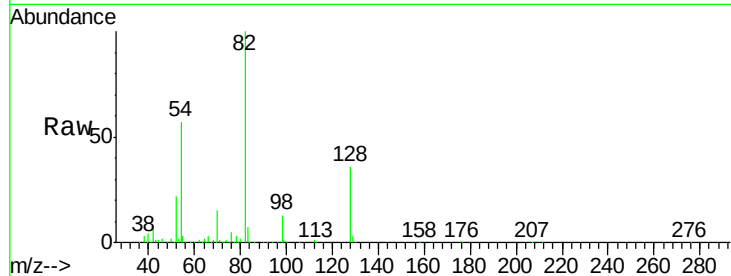
#23
 Nitrobenzene-d5
 Concen: 80.813 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.7	28.9	43.3
54	56.9	47.2	70.8

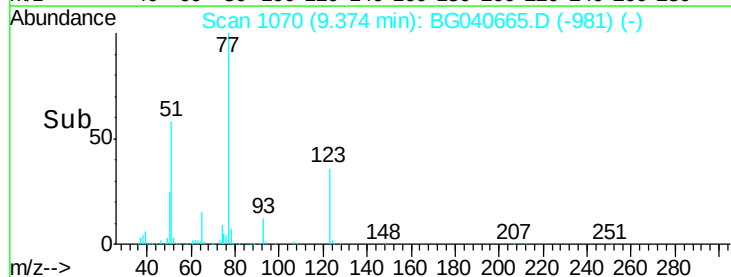
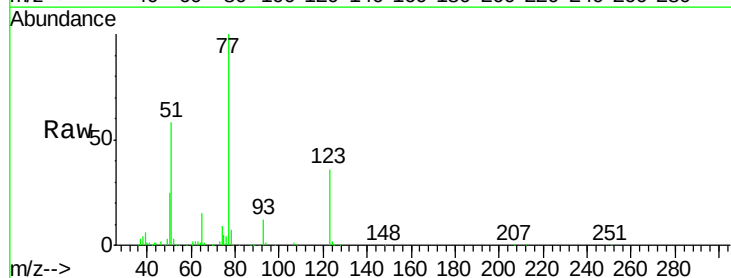
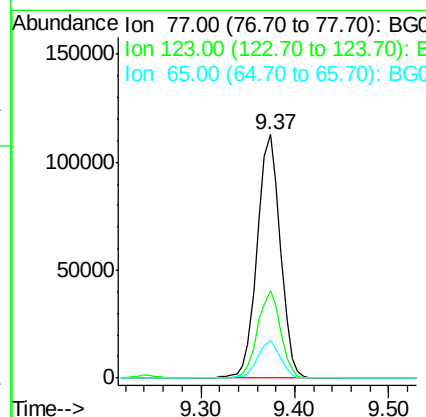
Manual Integrations
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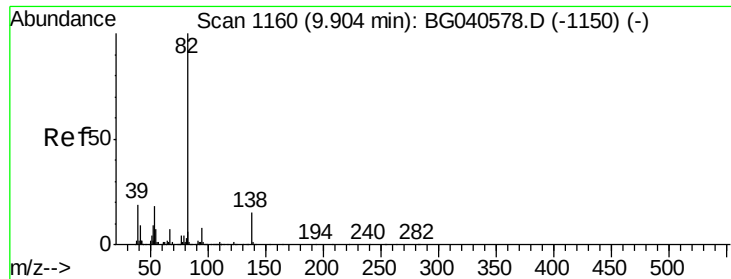
Sohil
 4/30/2019 6:44:45 PM



#24
 Nitrobenzene
 Concen: 44.565 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	35.7	27.8	41.6
65	15.2	12.4	18.6





#25

Isophorone

Concen: 38.674 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

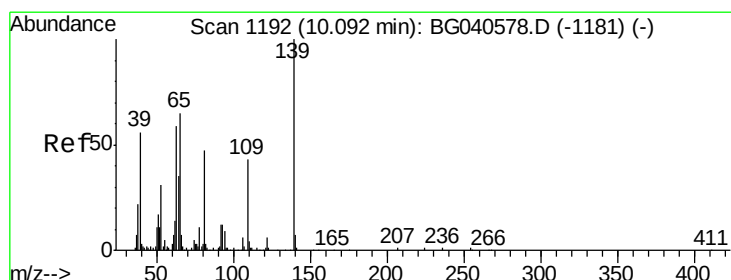
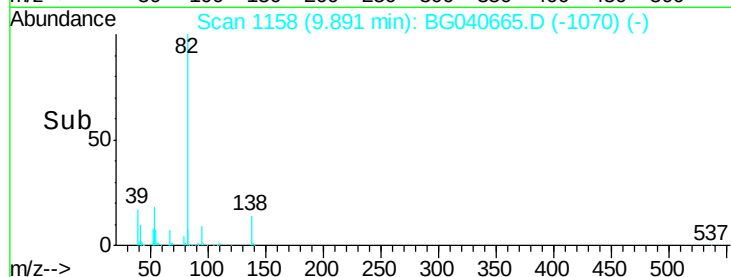
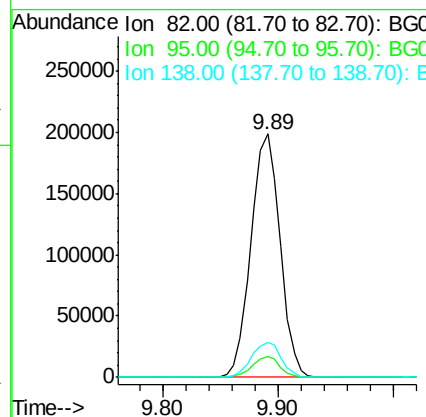
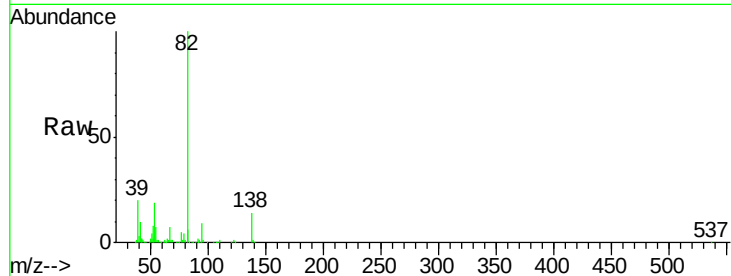
ClientSampleId :

PB119264BSD

Tgt Ion:	82	Resp:	348782
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.9	10.3
138	14.1	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.330 ng

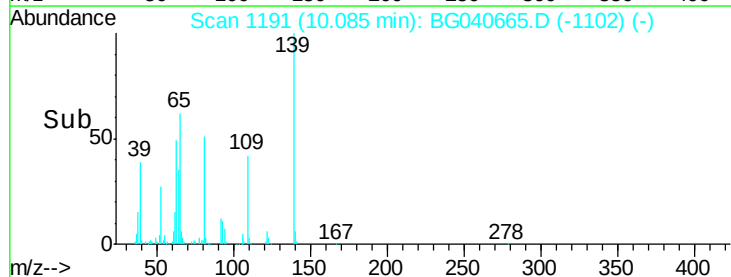
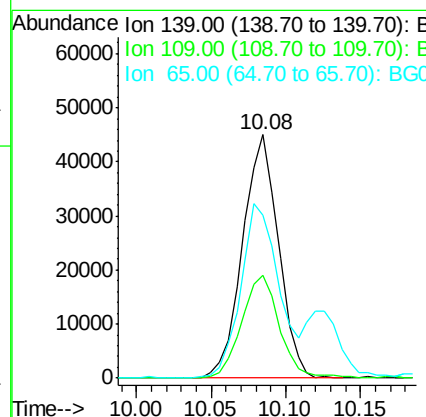
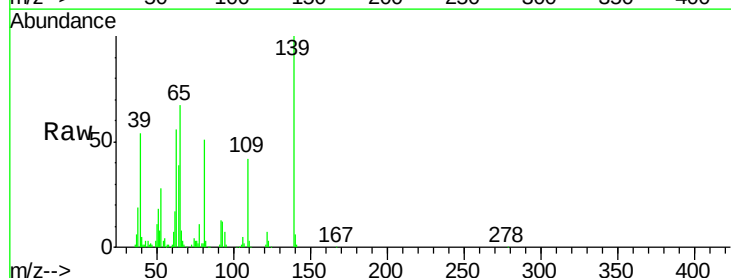
RT: 10.08 min Scan# 1191

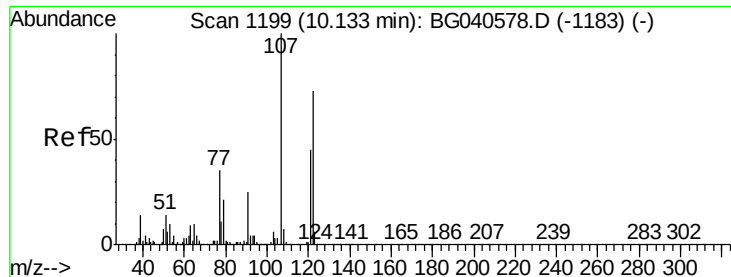
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	139	Resp:	74838
Ion Ratio	Lower	Upper	
139	100		
109	42.3	35.6	53.4
65	67.0	52.3	78.5





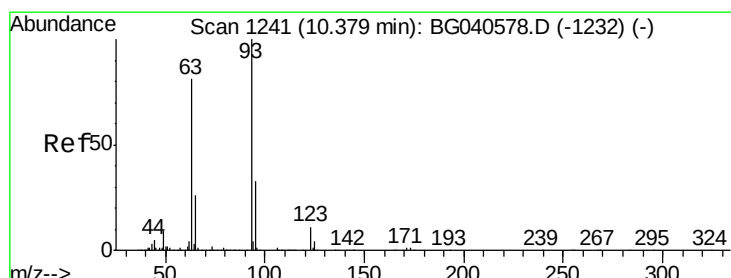
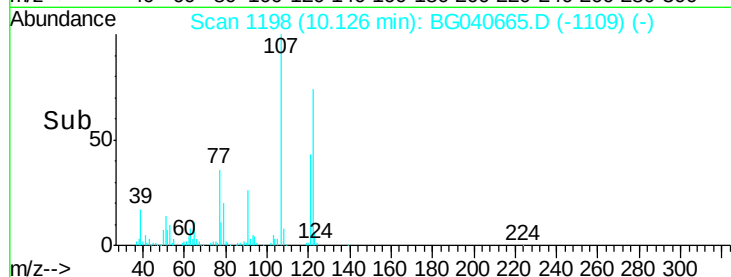
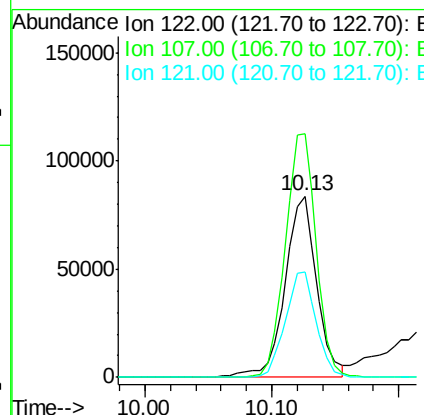
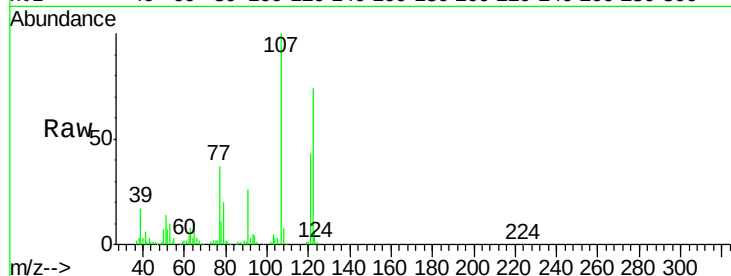
#27
 2,4-Dimethylphenol
 Concen: 50.218 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampled :
 PB119264BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.3	110.1	165.1
121	57.8	49.4	74.0

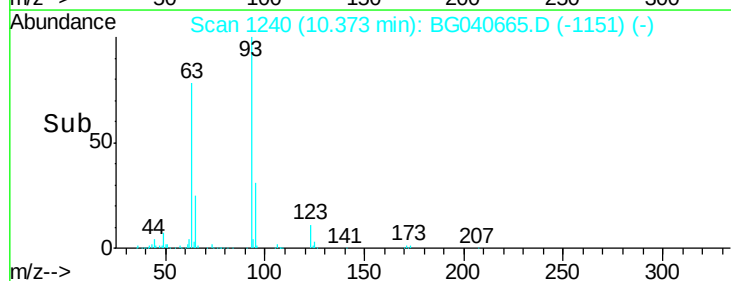
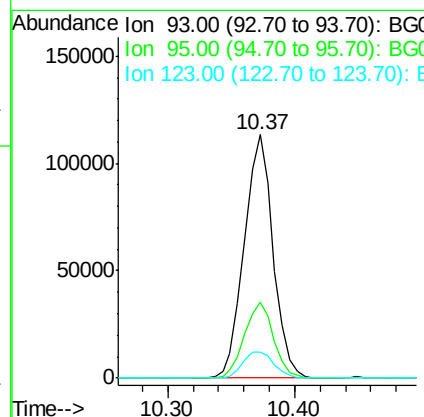
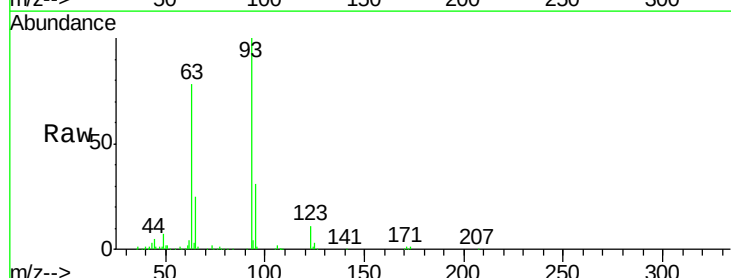
Manual Integrations
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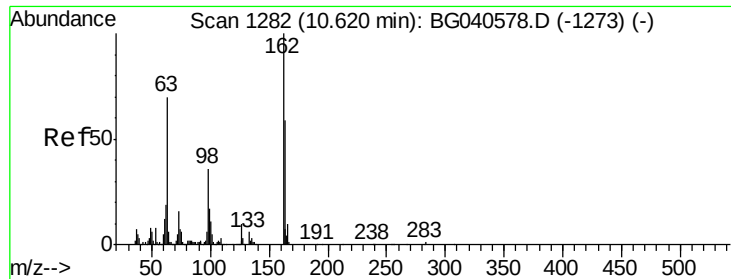
Sohil
 4/30/2019 6:44:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.589 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.6	40.0
123	10.5	9.0	13.4





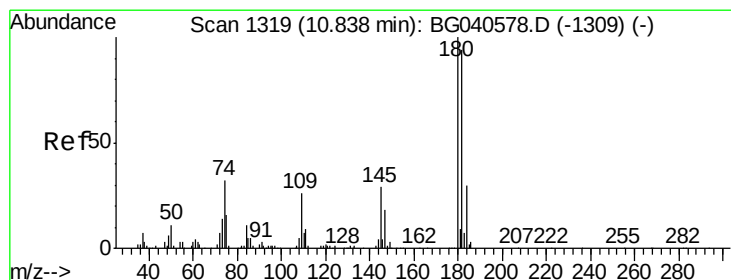
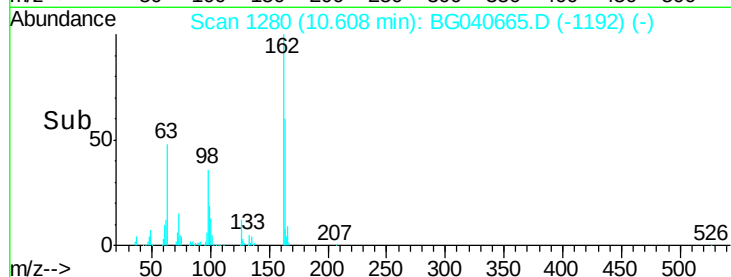
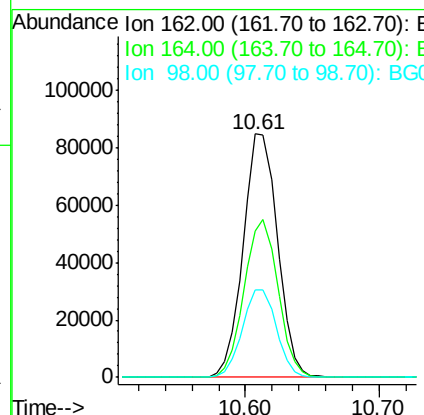
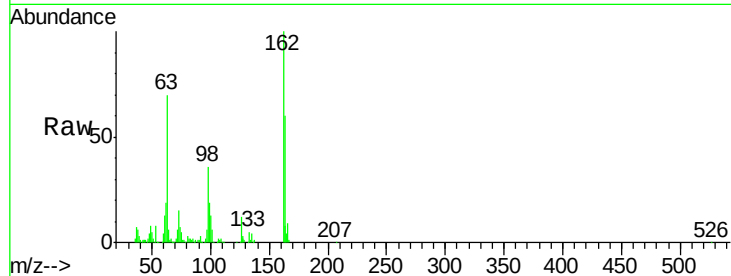
#29
 2,4-Dichlorophenol
 Concen: 45.704 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	150960		
164	60.4	38.9	78.9	
98	35.9	16.8	56.8	

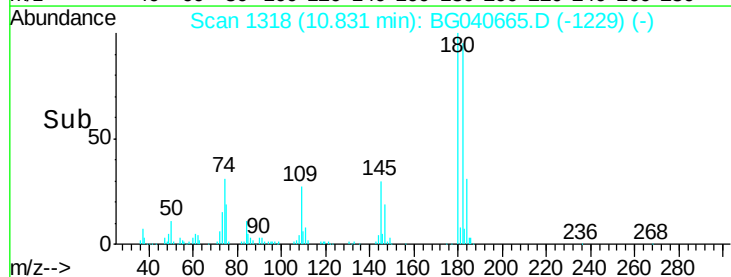
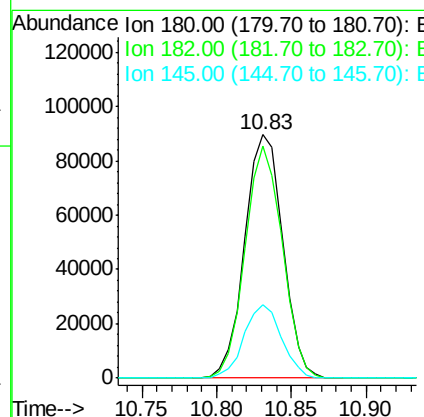
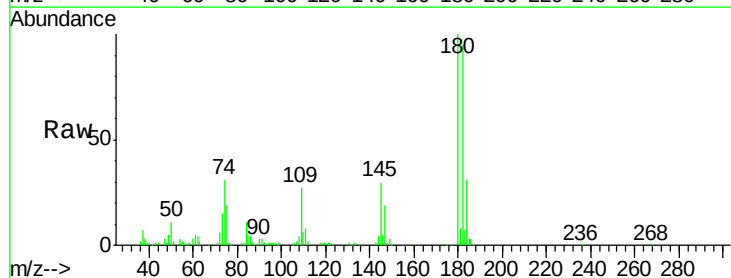
Manual Integrations
 APPROVED

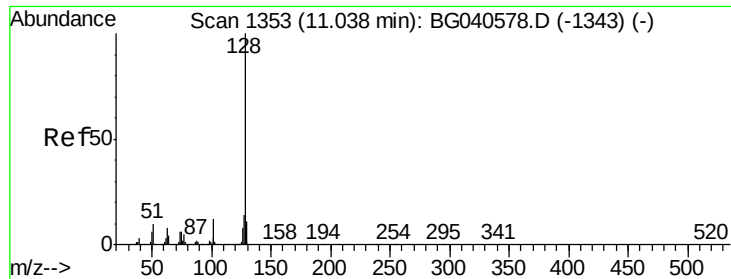
Sohil
 4/30/2019 6:44:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.172 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158132		
182	95.1	75.2	112.8	
145	29.9	23.6	35.4	





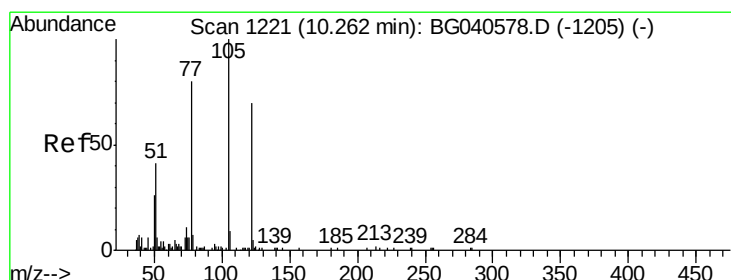
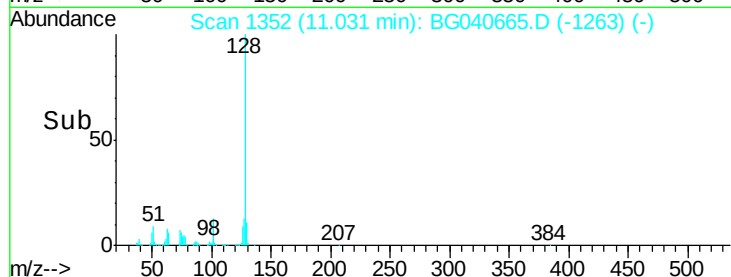
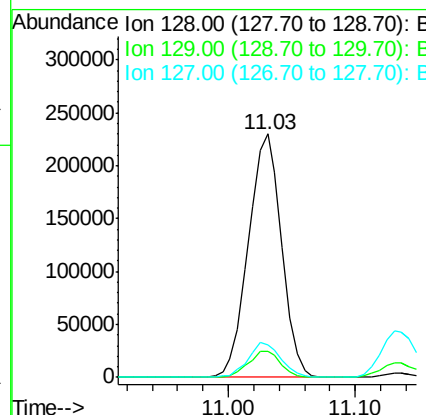
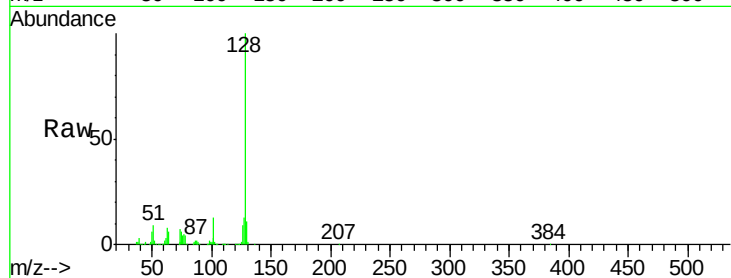
#31
Naphthalene
Concen: 41.827 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	415717		
129	10.9	9.0	13.6	
127	13.2	11.3	16.9	

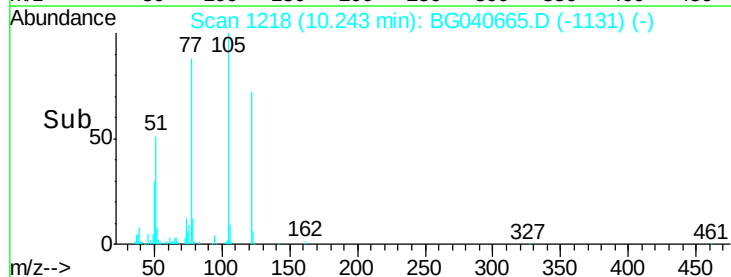
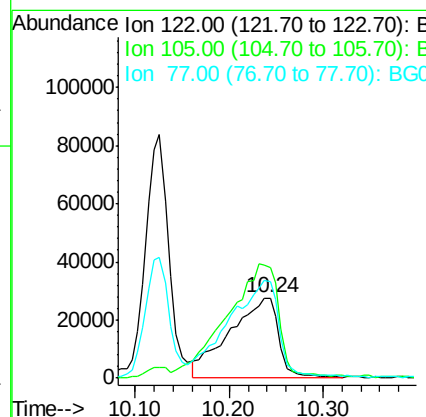
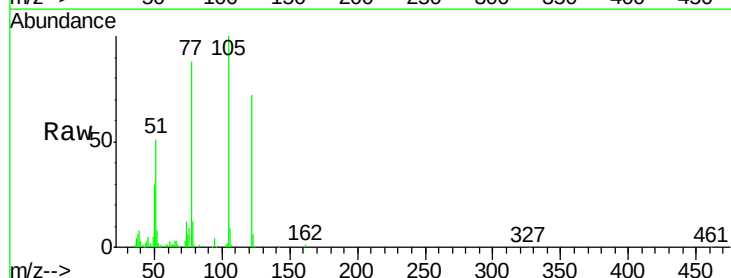
Manual Integrations
APPROVED

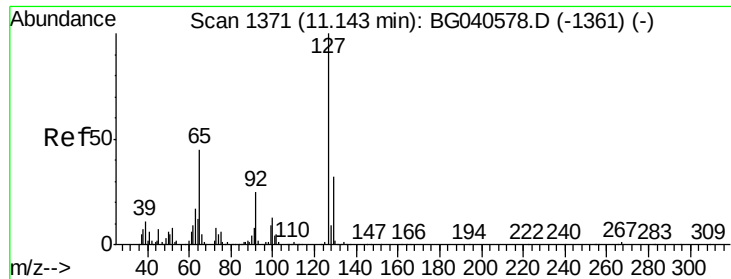
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#32
Benzoic acid
Concen: 49.695 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98839		
105	138.1	110.9	150.9	
77	121.0	87.6	127.6	





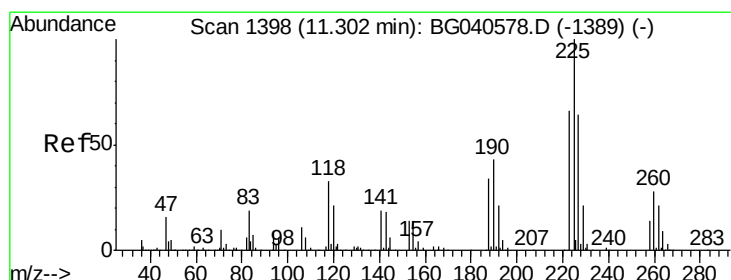
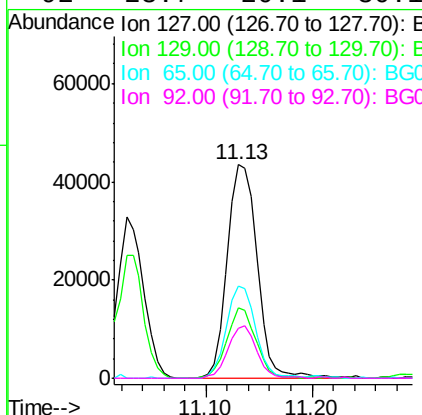
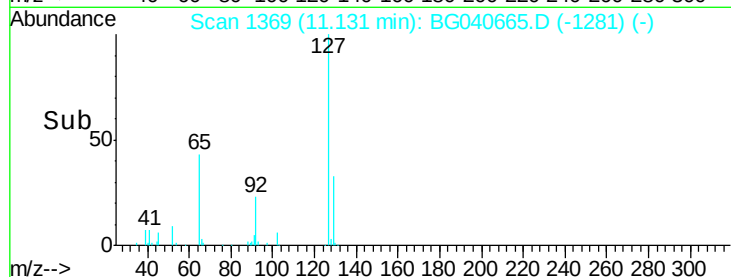
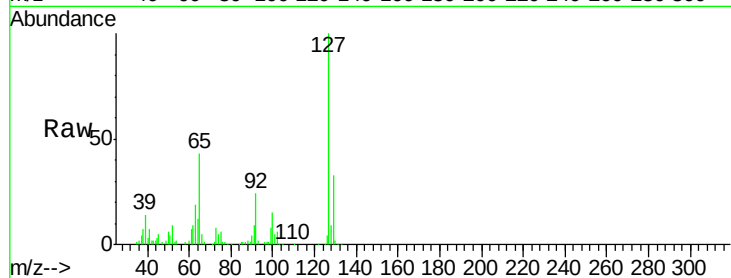
#33
4-Chloroaniline
Concen: 19.371 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	42.9	36.1	54.1
92	23.7	20.1	30.1

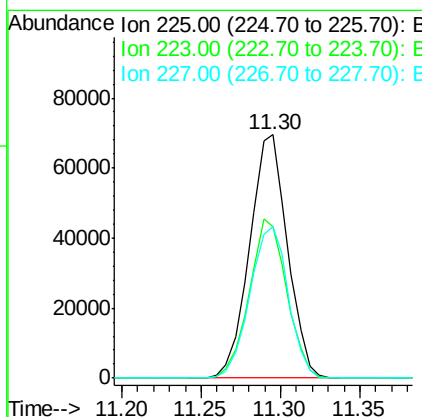
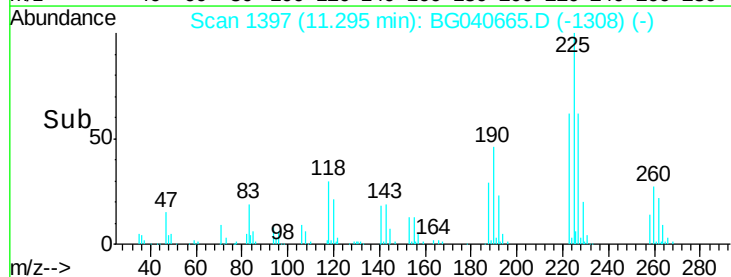
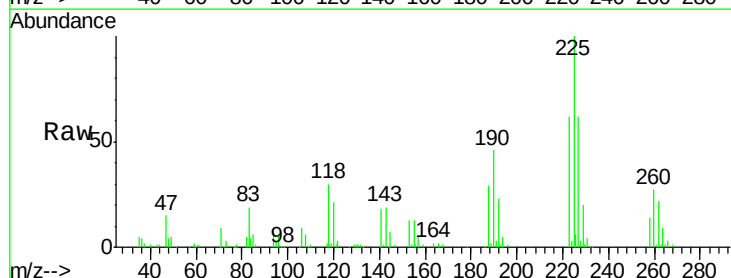
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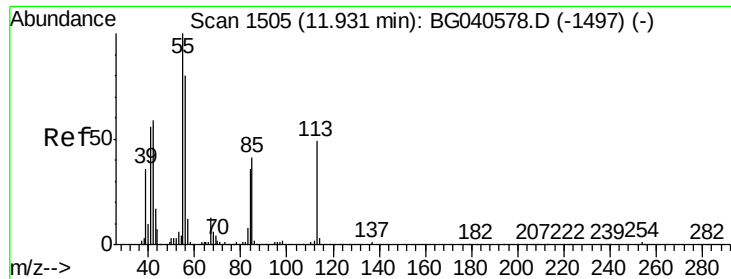
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#34
Hexachlorobutadiene
Concen: 42.631 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.1	51.0	76.6





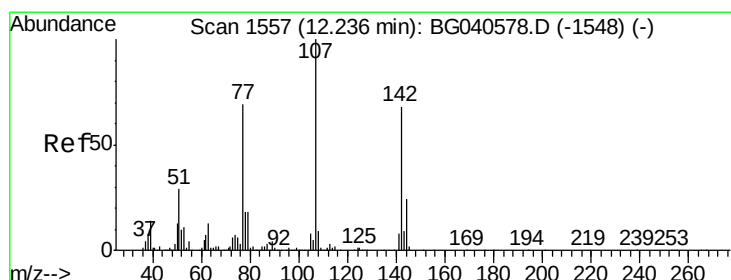
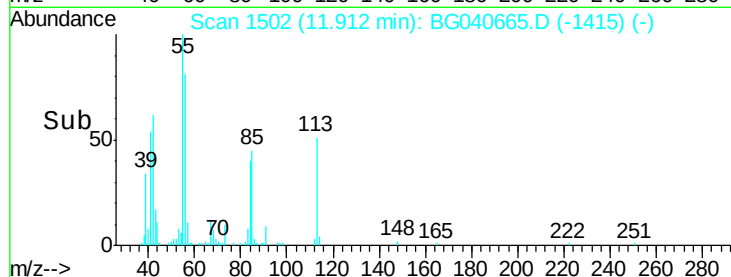
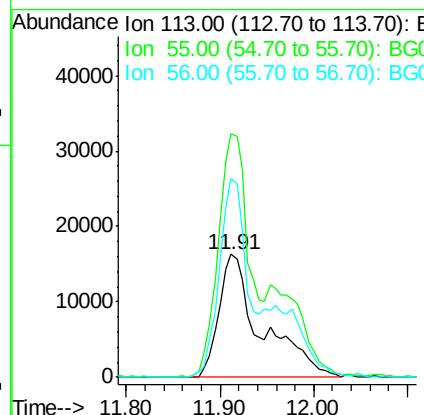
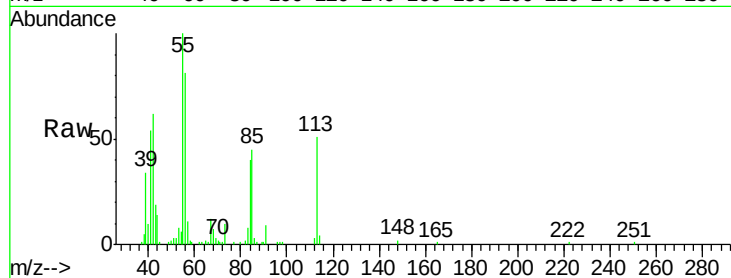
#35
 Caprolactam
 Concen: 39.380 ng m
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion:113 Resp: 51353
 Ion Ratio Lower Upper
 113 100
 55 198.0 198.6 238.6#
 56 161.2 148.4 188.4

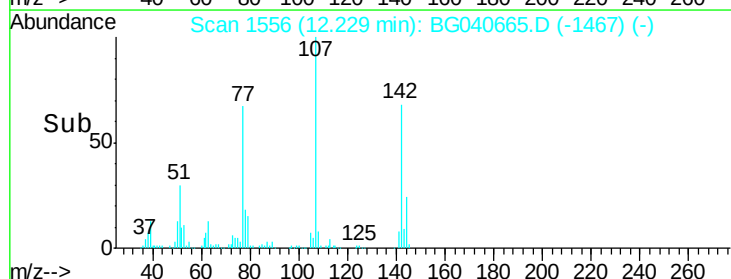
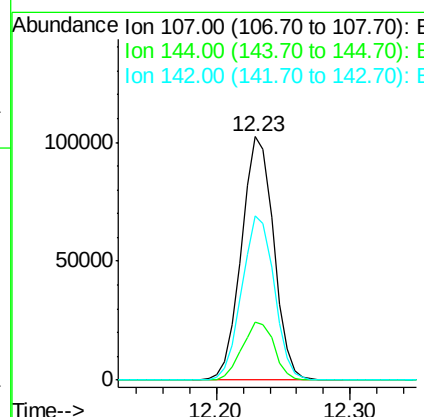
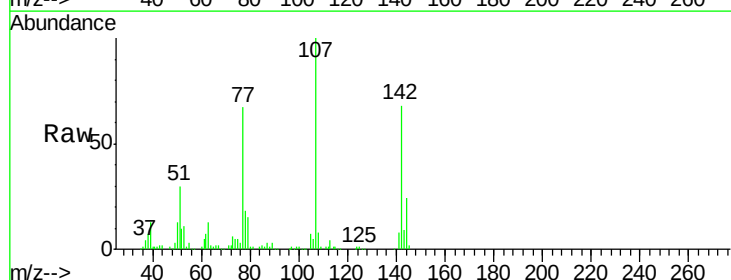
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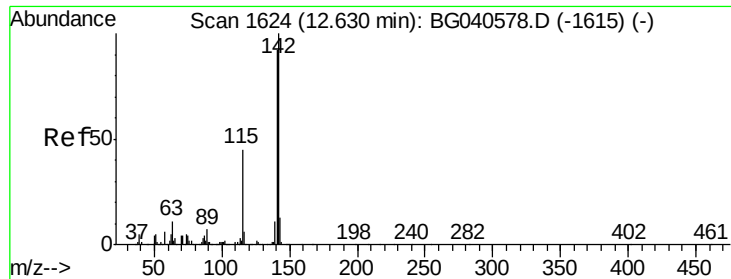
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#36
 4-Chloro-3-methylphenol
 Concen: 41.031 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion:107 Resp: 170967
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 67.6 54.6 81.8





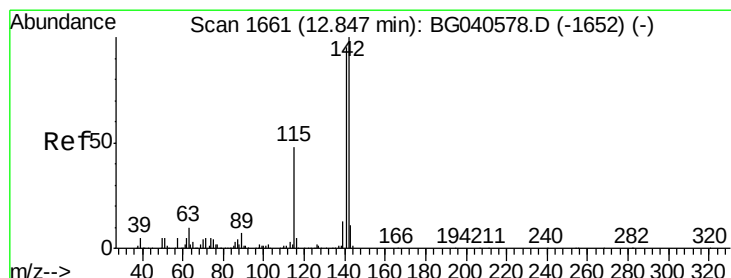
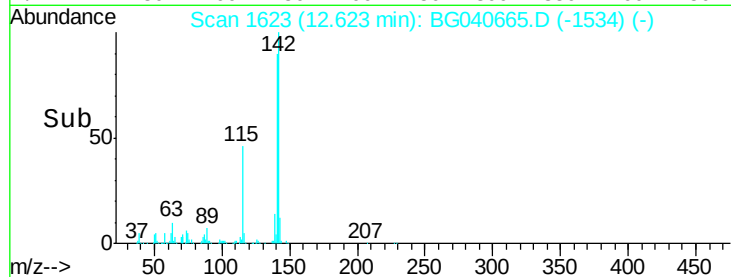
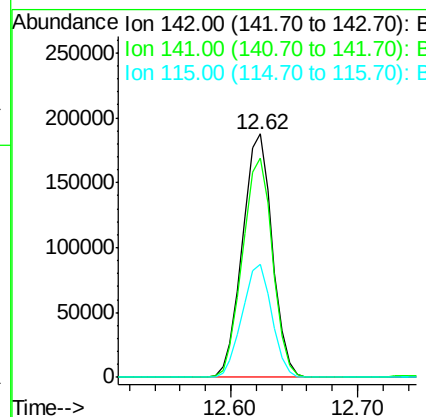
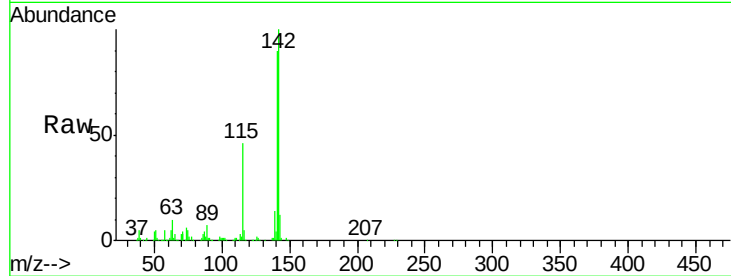
#37
 2-Methylnaphthalene
 Concen: 41.076 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleID :
 PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	305240		
141	90.1	73.4	110.2	
115	46.3	36.2	54.4	

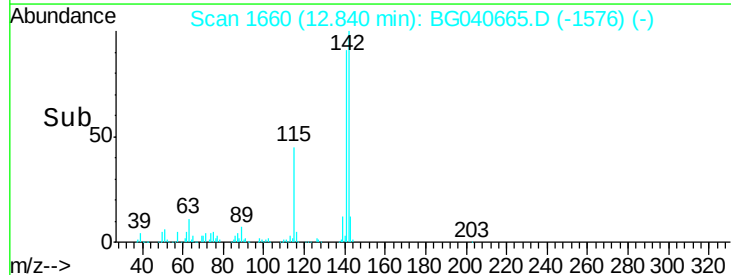
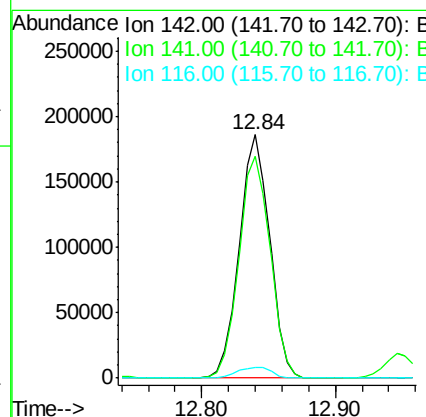
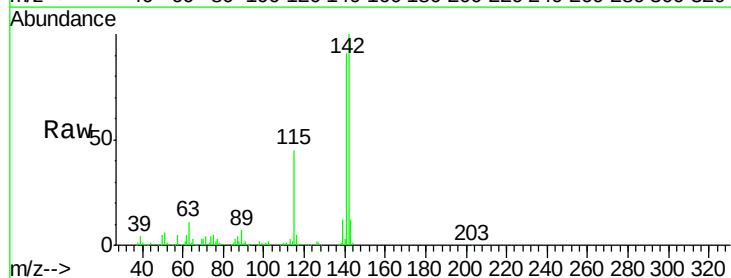
Manual Integrations
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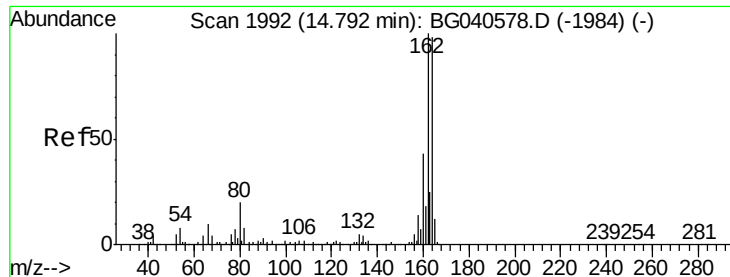
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#38
 1-Methylnaphthalene
 Concen: 40.454 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	293837		
141	91.0	75.9	113.9	
116	4.6	4.2	6.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

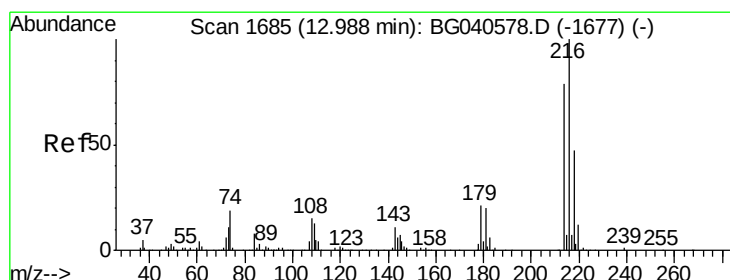
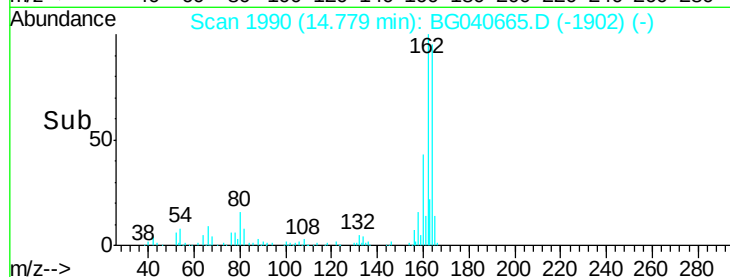
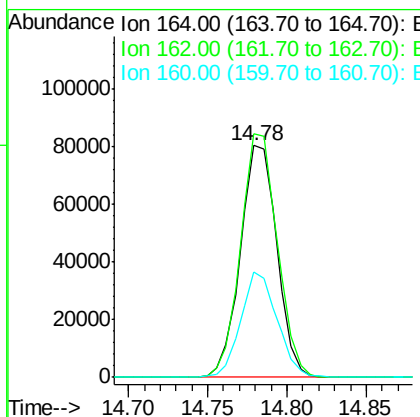
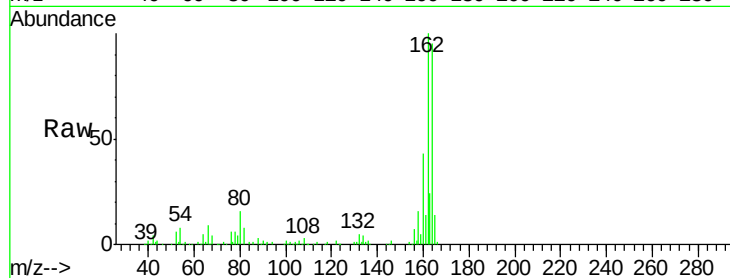
ClientSampleId :

PB119264BSD

Tgt Ion:	164	Resp:	128459
Ion Ratio	Lower	Upper	
164	100		
162	105.1	81.9	122.9
160	45.2	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.245 ng

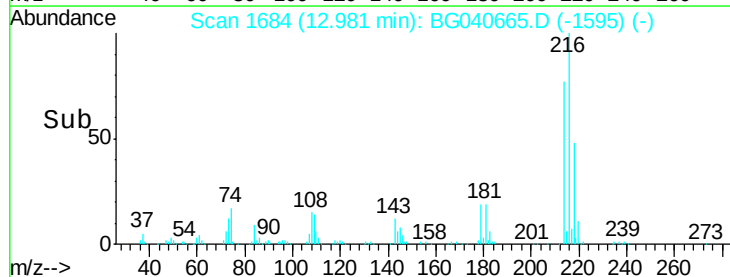
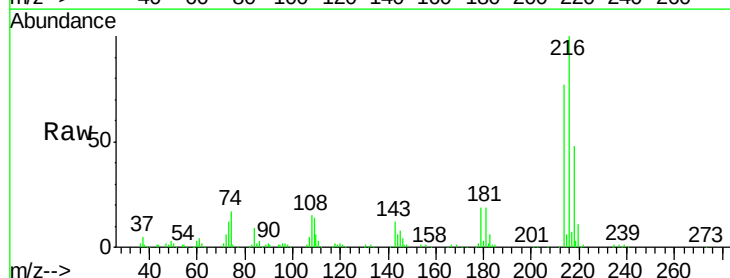
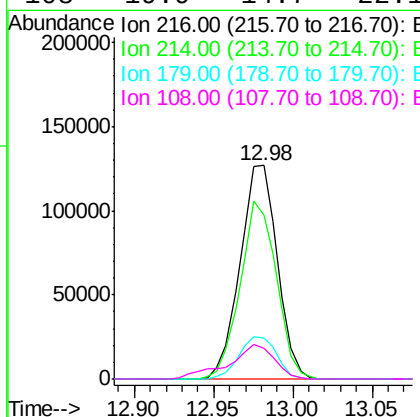
RT: 12.98 min Scan# 1684

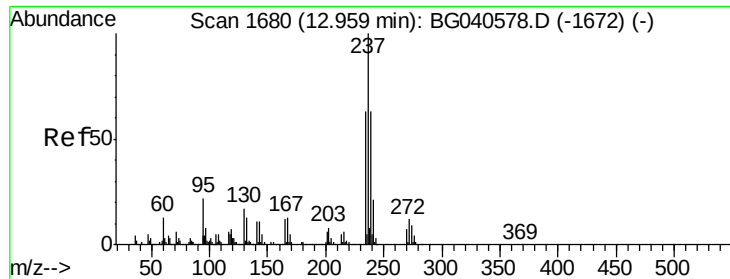
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	216	Resp:	206945
Ion Ratio	Lower	Upper	
216	100		
214	81.0	63.7	95.5
179	20.0	16.6	24.8
108	19.9	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 94.278 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

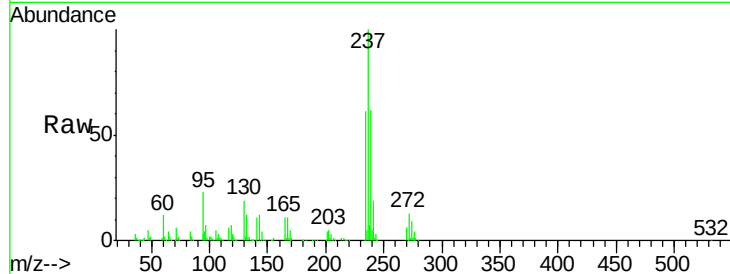
ClientSampleId :

PB119264BSD

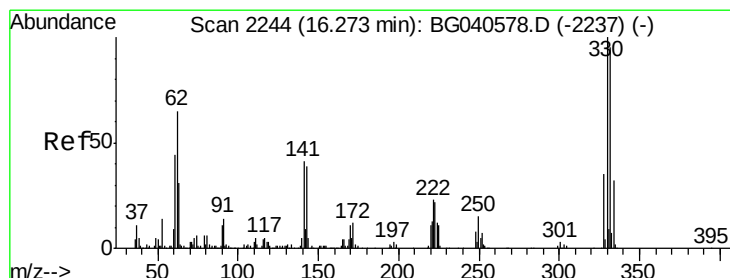
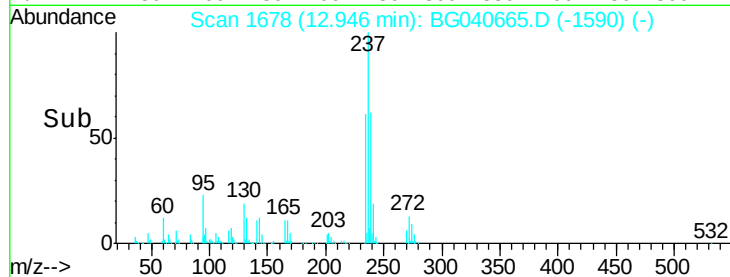
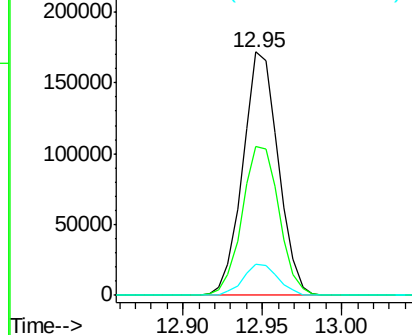
Tgt Ion:	237	Resp:	266221
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.5	82.5
272	12.9	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 86.218 ng

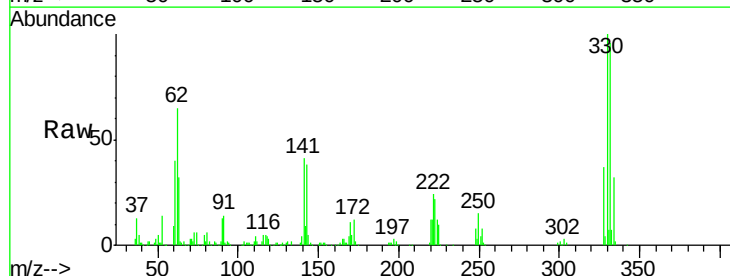
RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

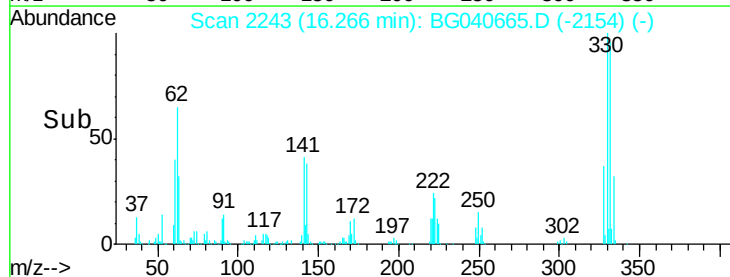
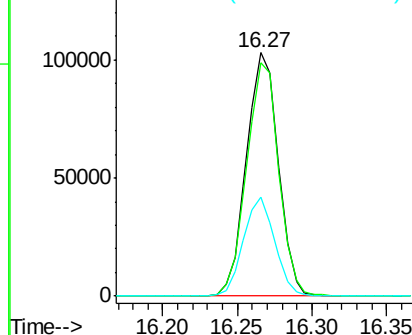
Lab File: BG040665.D

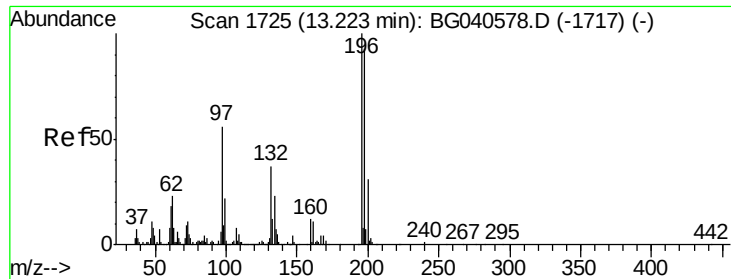
Acq: 29 Apr 2019 17:18

Tgt Ion:	330	Resp:	152235
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.9	113.9
141	40.0	32.4	48.6



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





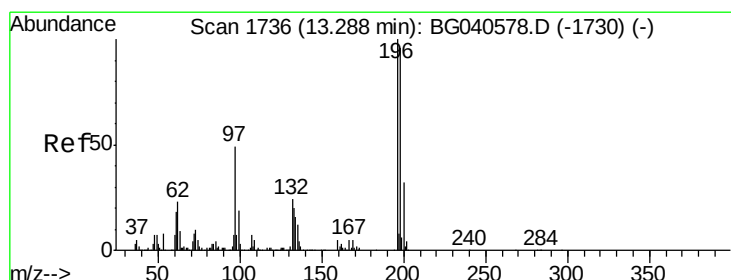
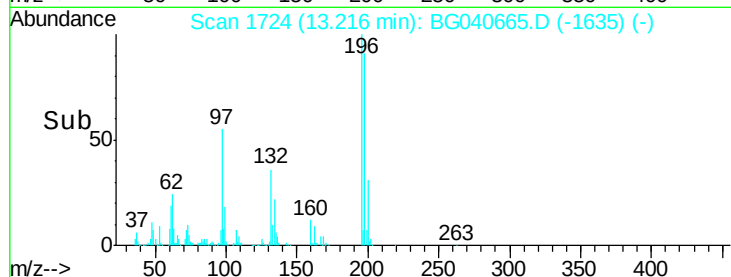
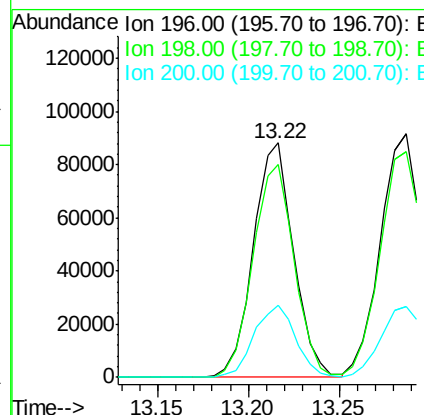
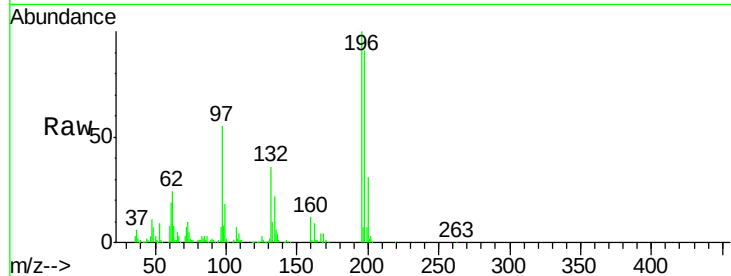
#43
 2,4,6-Trichlorophenol
 Concen: 47.338 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136894		
198	90.8	74.8	112.2	
200	30.7	24.9	37.3	

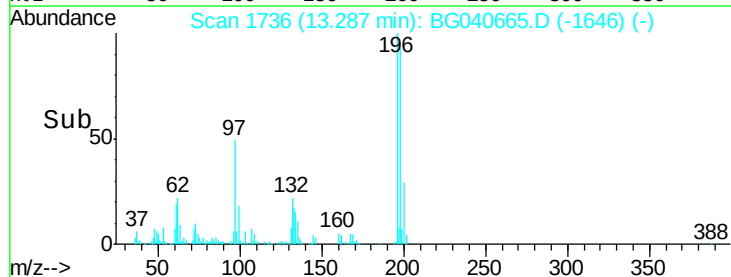
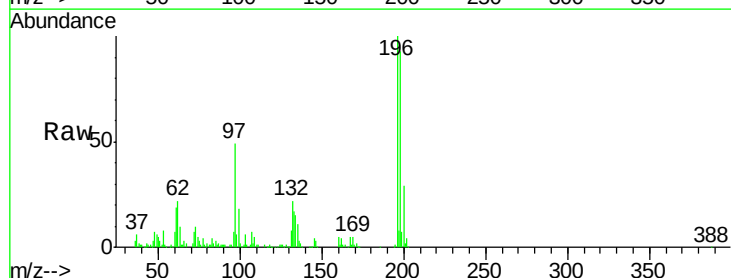
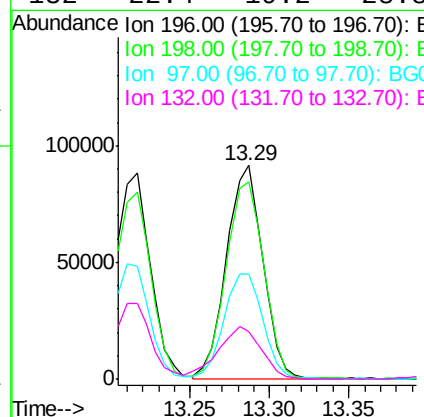
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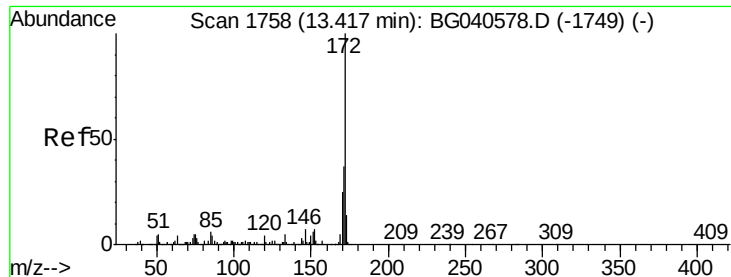
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.342 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145991		
198	92.5	77.0	115.6	
97	49.4	40.0	60.0	
132	22.4	19.2	28.8	





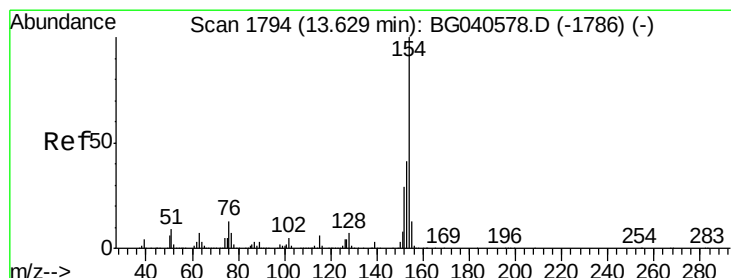
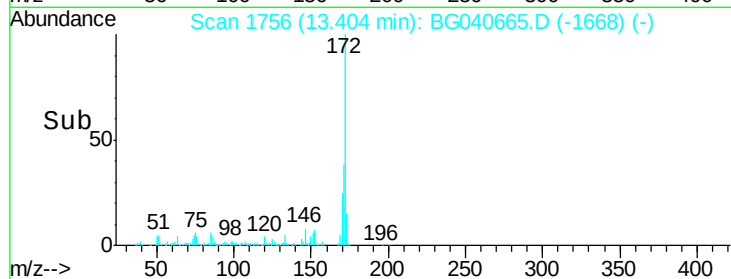
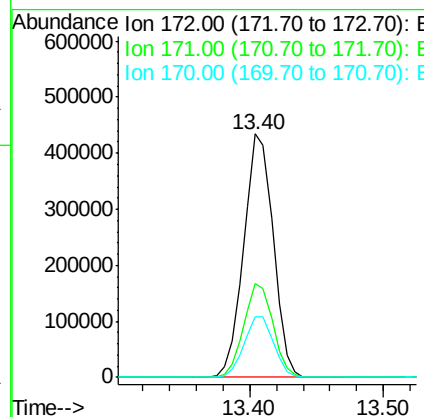
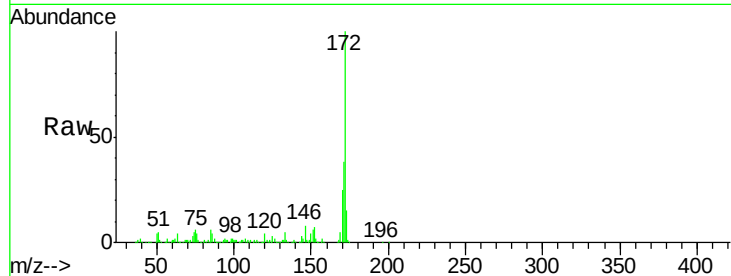
#45
2-Fluorobiphenyl
Concen: 74.208 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	660070		
171	38.3	29.4	44.2	
170	25.1	19.9	29.9	

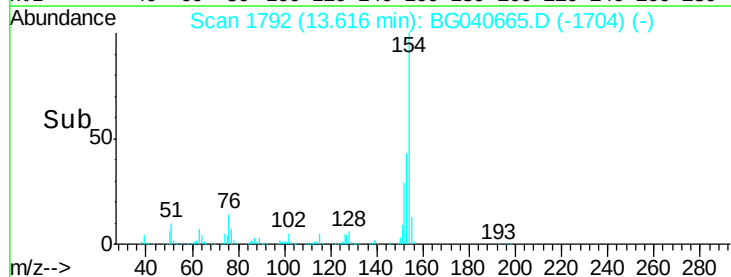
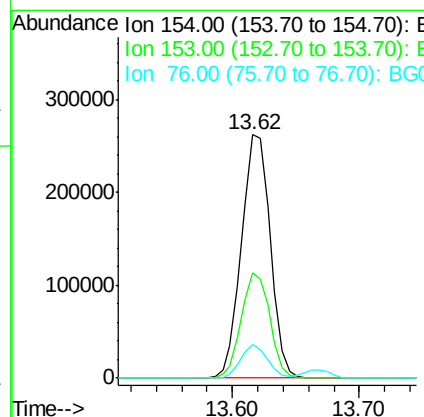
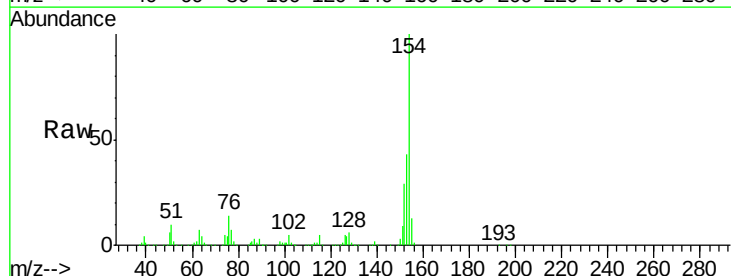
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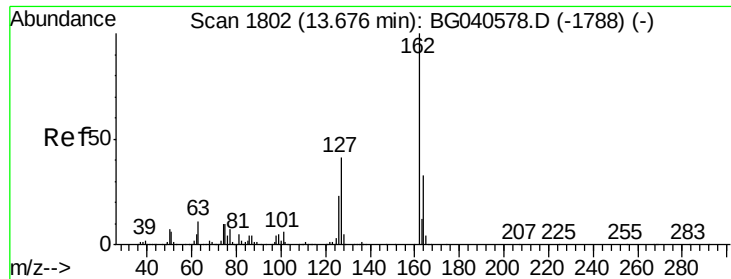
Sohil
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#46
1,1'-Biphenyl
Concen: 41.307 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	411983		
153	43.2	20.5	60.5	
76	13.6	0.0	32.5	





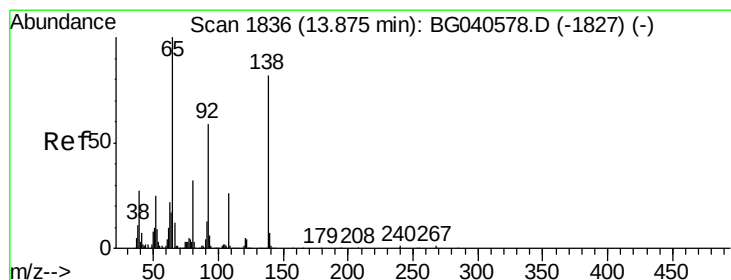
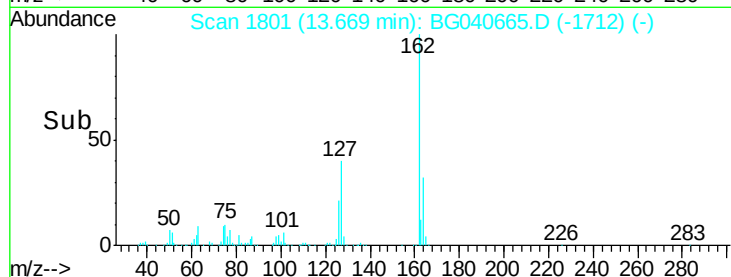
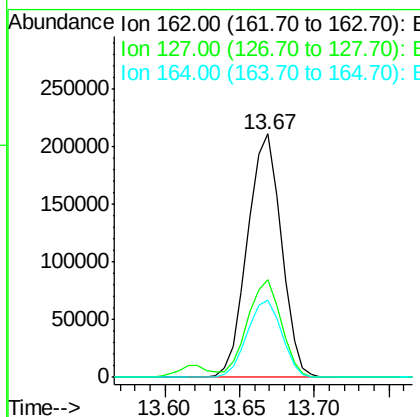
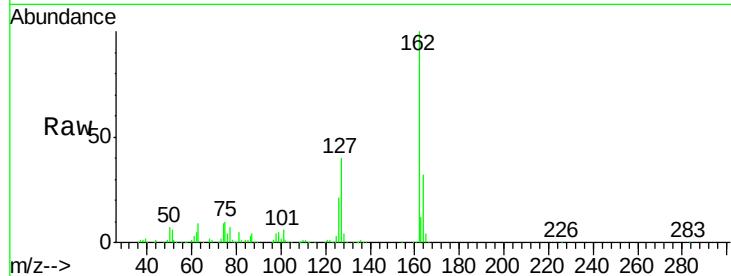
#47
 2-Chloronaphthalene
 Concen: 42.324 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.9	33.0	49.4
164	31.8	26.8	40.2

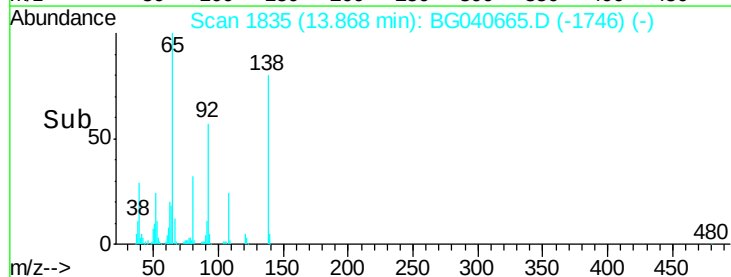
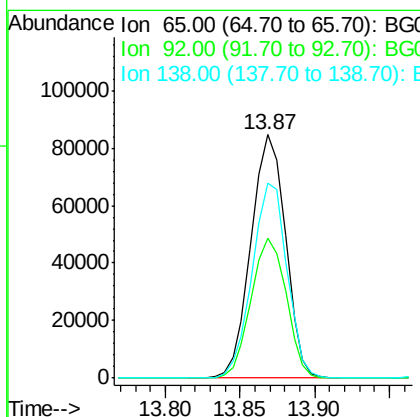
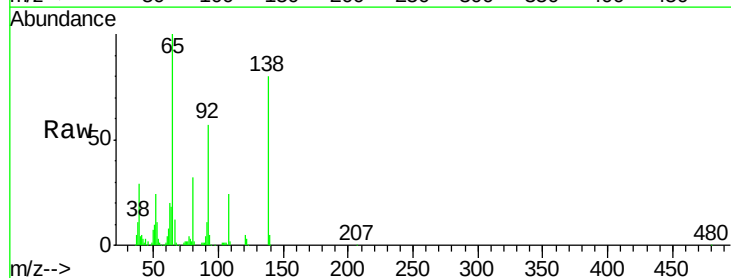
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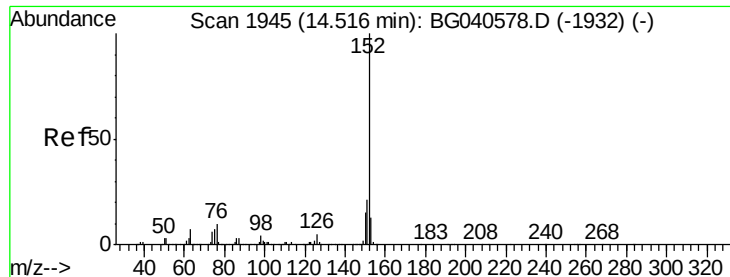
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#48
 2-Nitroaniline
 Concen: 48.704 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	57.4	47.4	71.0
138	80.3	66.1	99.1





#49

Acenaphthylene

Concen: 39.999 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

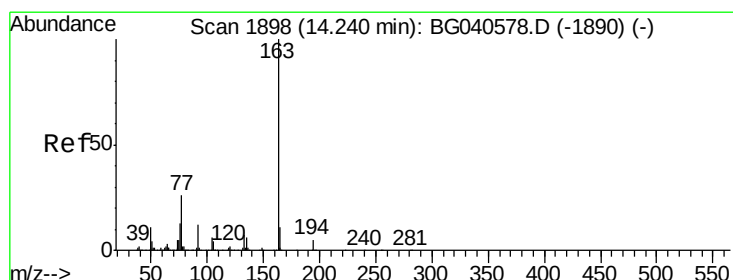
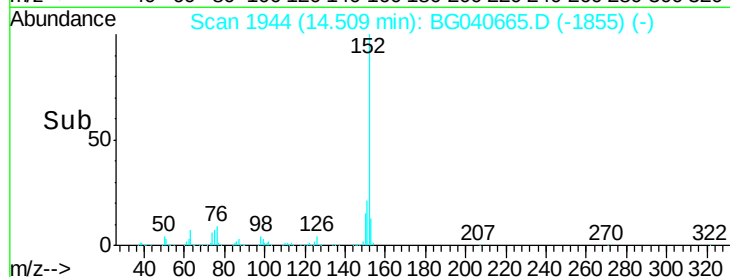
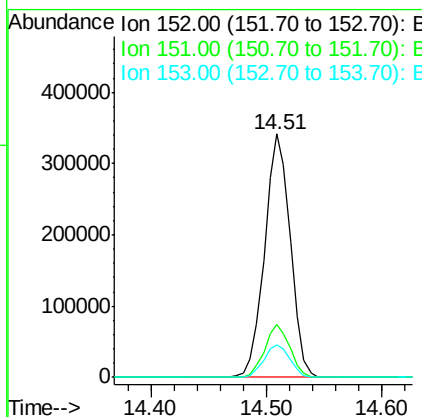
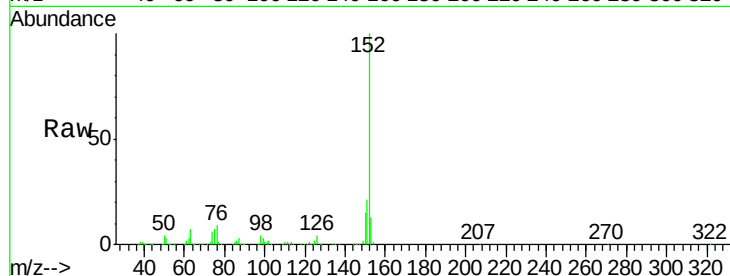
ClientSampleId :

PB119264BSD

Tgt Ion:	152	Resp:	529693
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	13.2	10.7	16.1

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#50

Dimethylphthalate

Concen: 41.000 ng

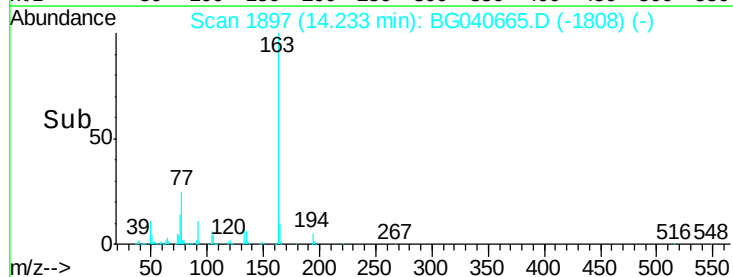
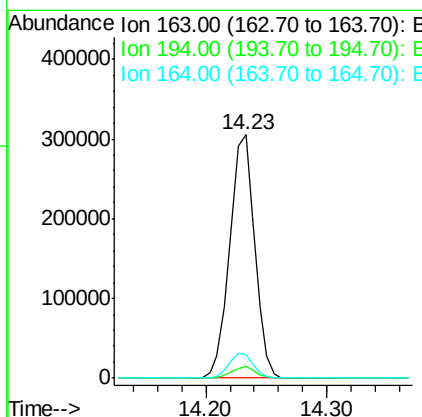
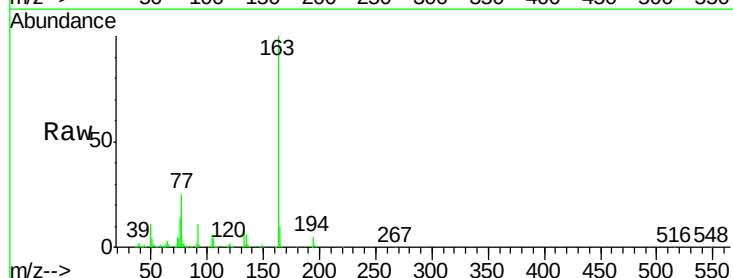
RT: 14.23 min Scan# 1897

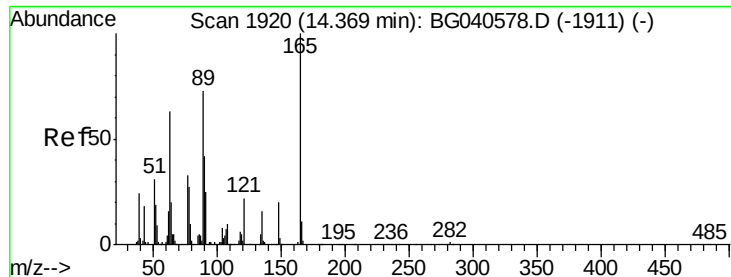
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	163	Resp:	440661
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	9.9	8.8	13.2





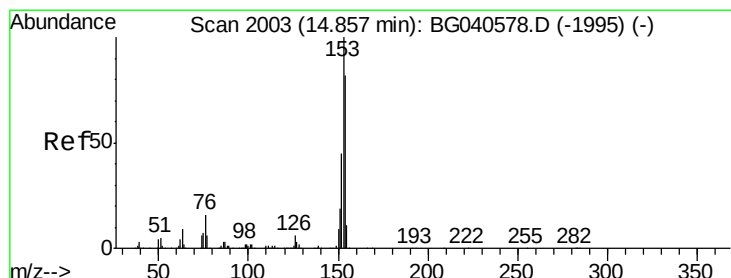
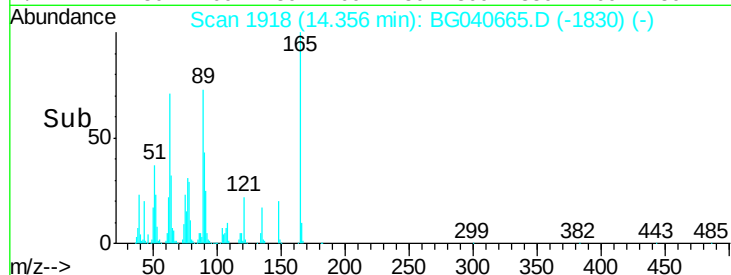
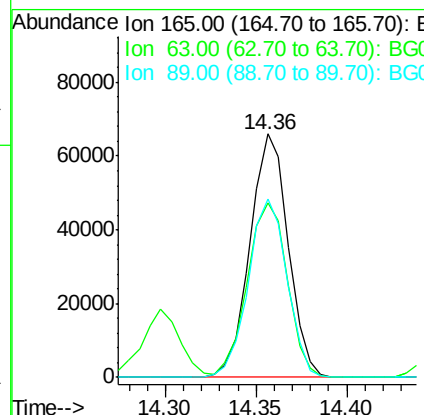
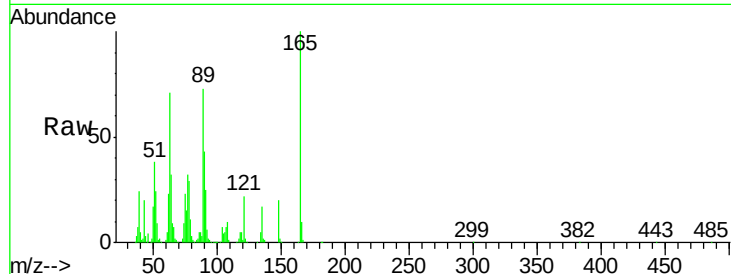
#51
2,6-Dinitrotoluene
Concen: 46.018 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	71.5	61.0	91.4
89	73.4	58.6	87.8

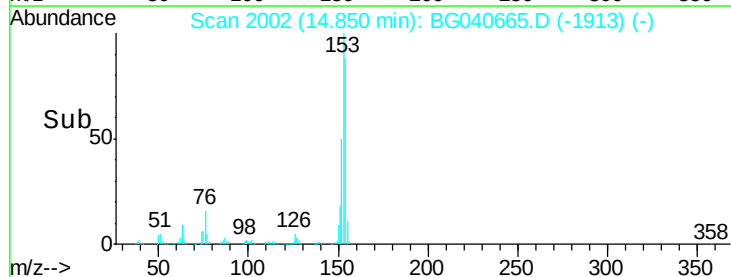
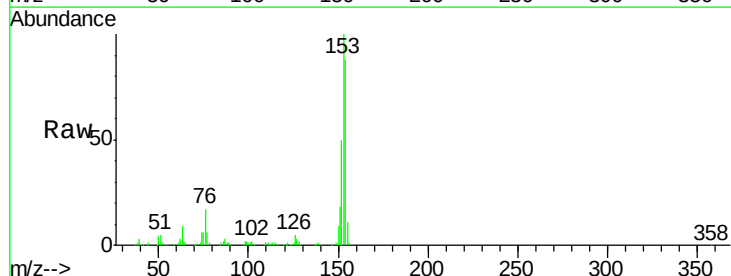
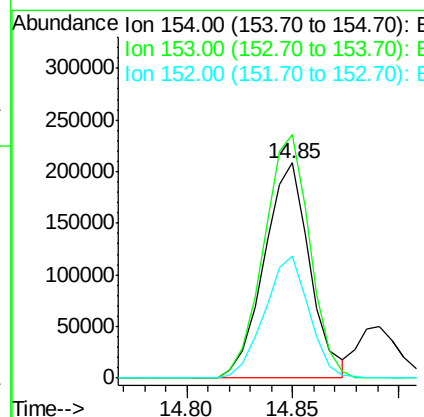
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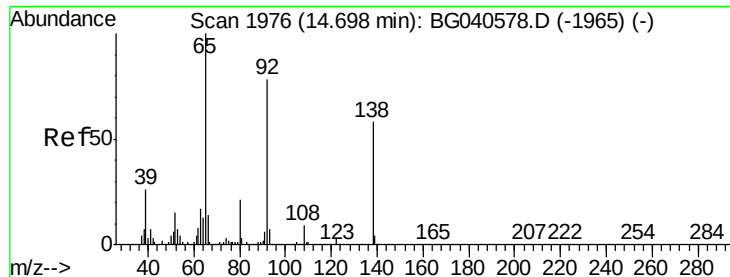
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#52
Acenaphthene
Concen: 40.569 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.1	97.0	145.6
152	56.5	44.1	66.1





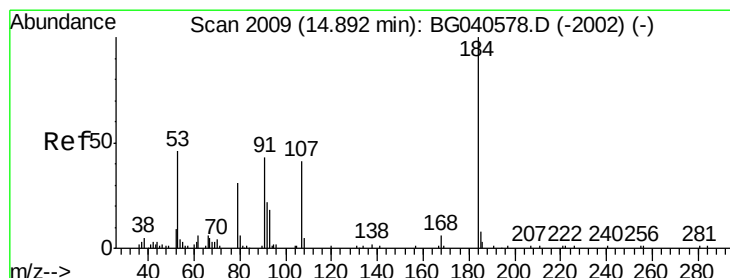
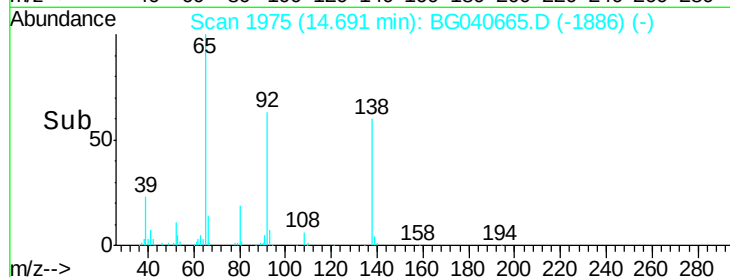
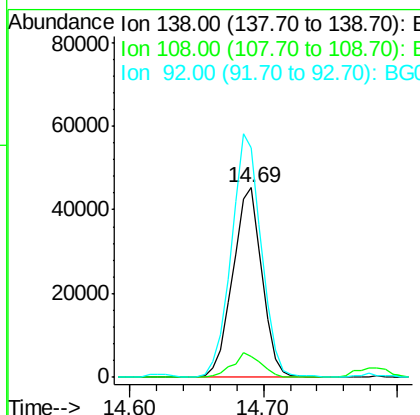
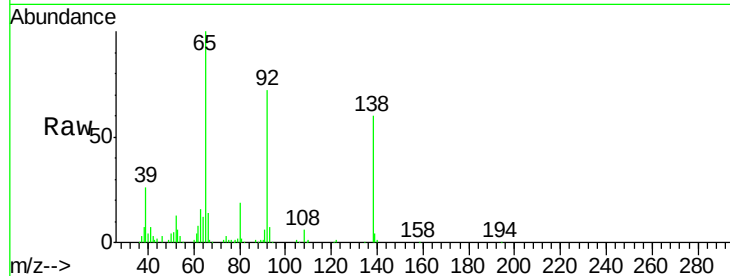
#53
 3-Nitroaniline
 Concen: 32.214 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	12.4	18.6#
92	121.3	108.6	162.8

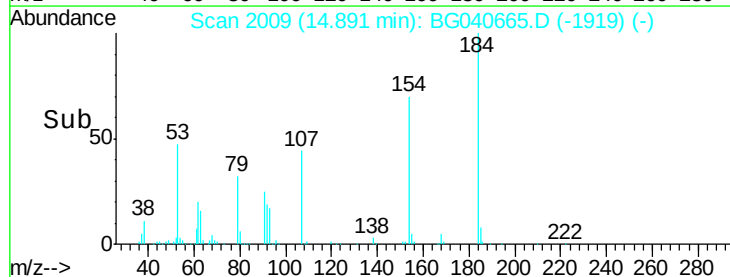
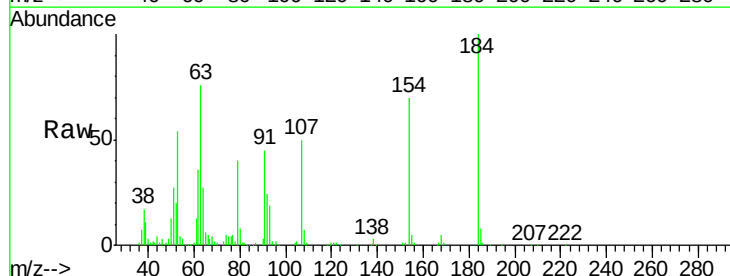
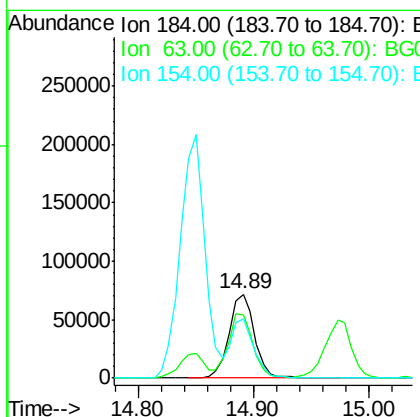
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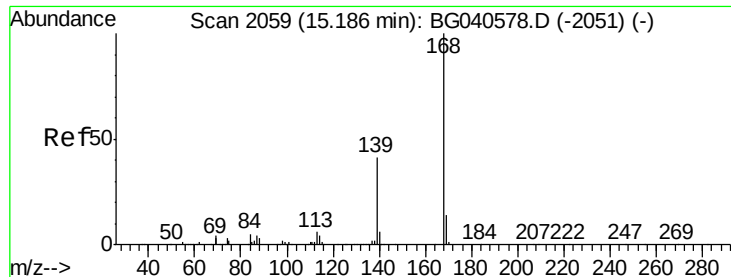
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#54
 2,4-Dinitrophenol
 Concen: 91.671 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.8	51.8	77.6
154	70.2	43.6	65.4#





#55

Dibenzenofuran

Concen: 41.435 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

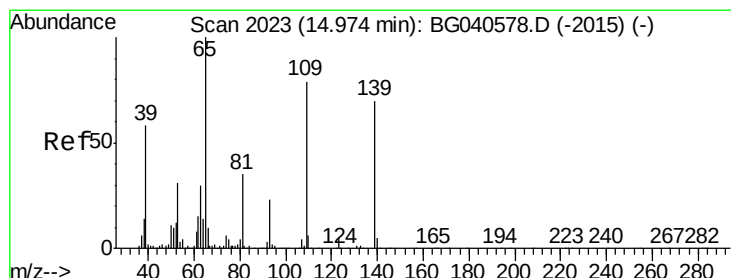
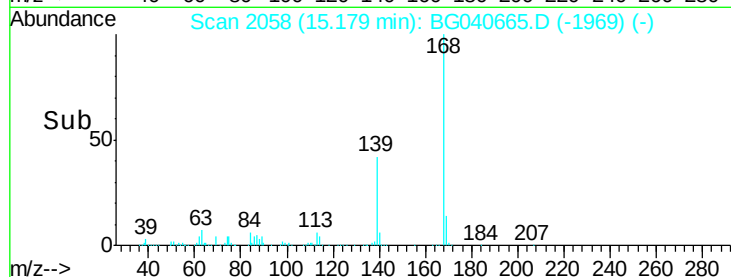
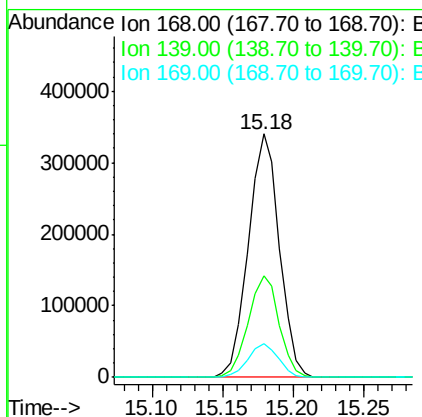
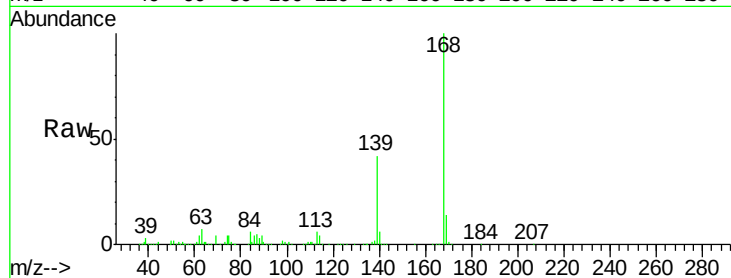
ClientSampleId :

PB119264BSD

Tgt	Ion:168	Resp:	523401
Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.0	49.4
169	14.1	11.0	16.4

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#56

4-Nitrophenol

Concen: 94.256 ng

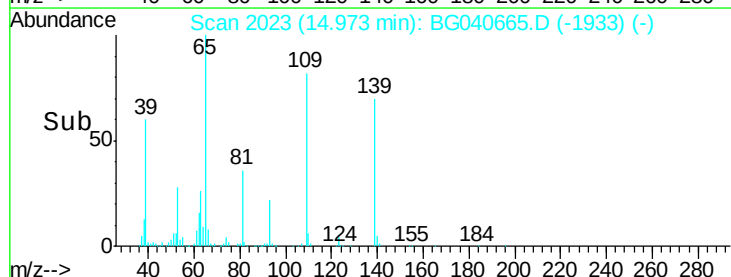
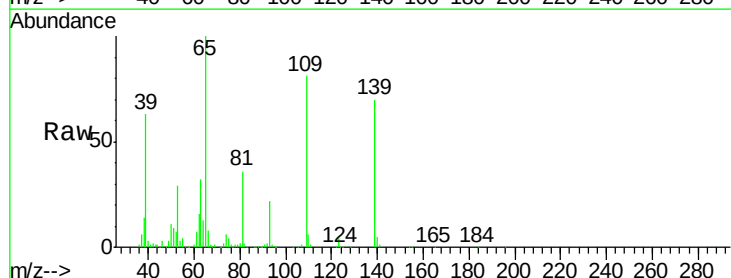
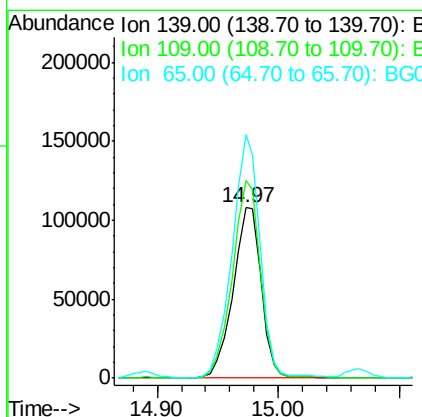
RT: 14.97 min Scan# 2023

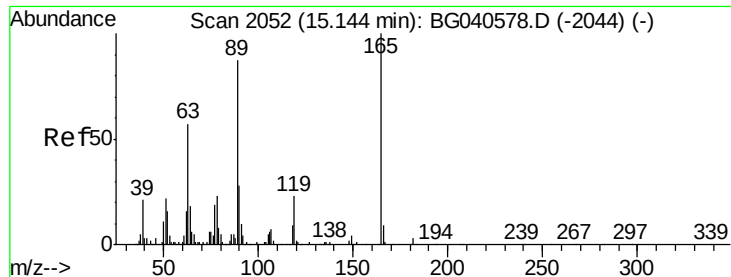
Delta R.T. -0.00 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt	Ion:139	Resp:	175663
Ion	Ratio	Lower	Upper
139	100		
109	116.2	93.8	133.8
65	142.8	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 49.039 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG040665.D

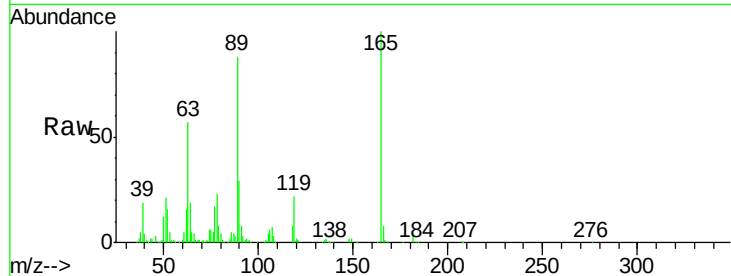
Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampleId :

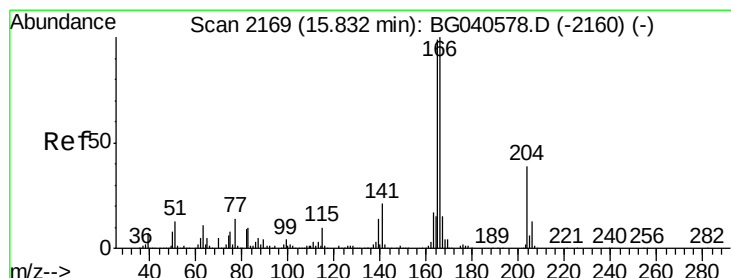
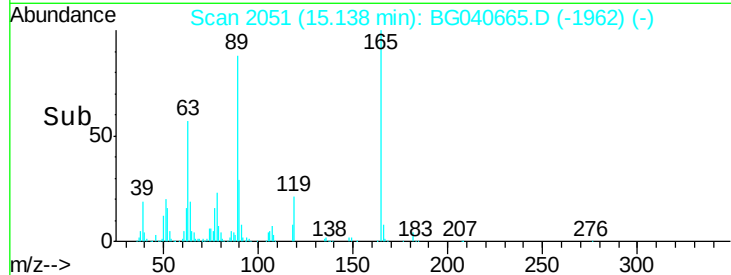
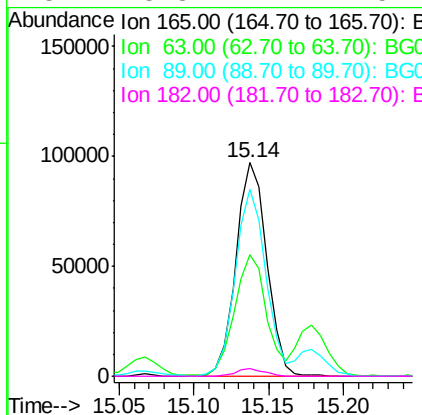
PB119264BSD



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139781		
63	56.9	45.8	68.8	
89	87.6	69.4	104.2	
182	3.8	2.2	3.4	#

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#58

Fluorene

Concen: 40.760 ng

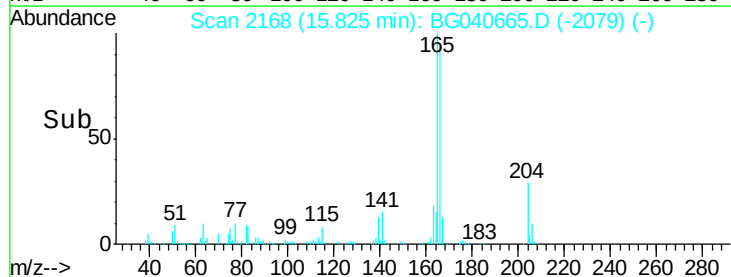
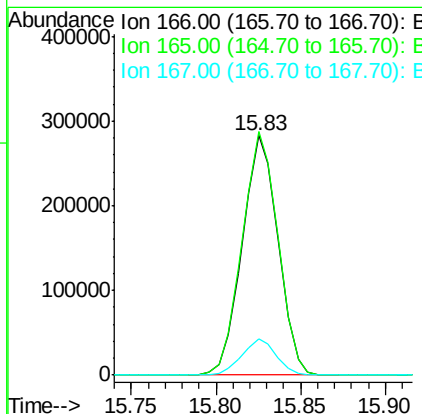
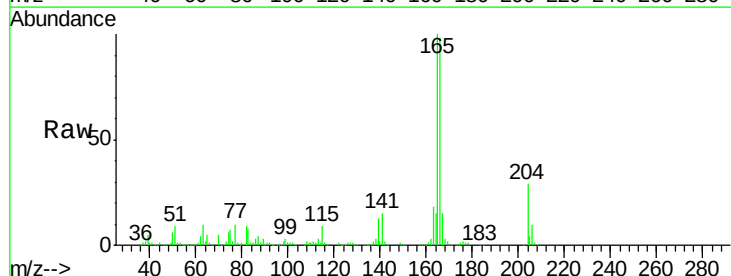
RT: 15.83 min Scan# 2168

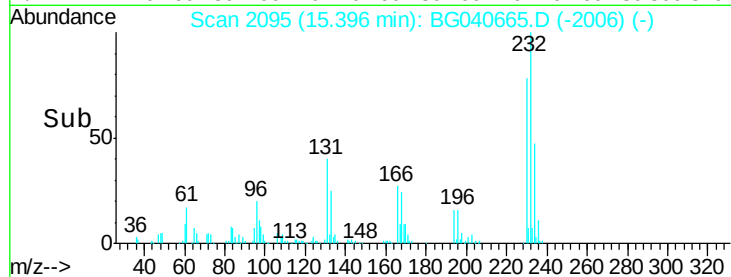
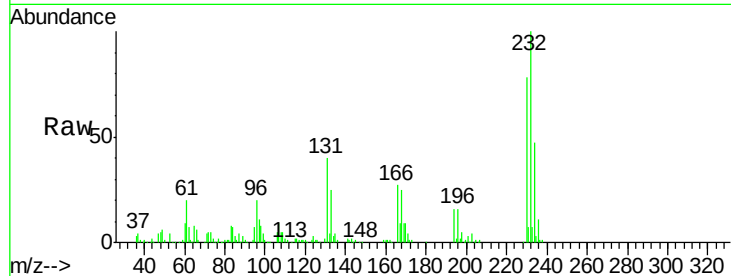
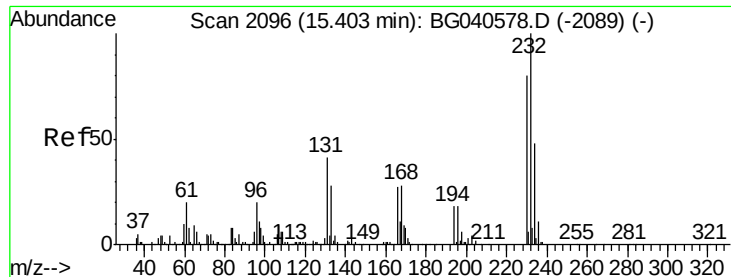
Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	416147		
165	101.6	79.6	119.4	
167	14.9	12.2	18.2	





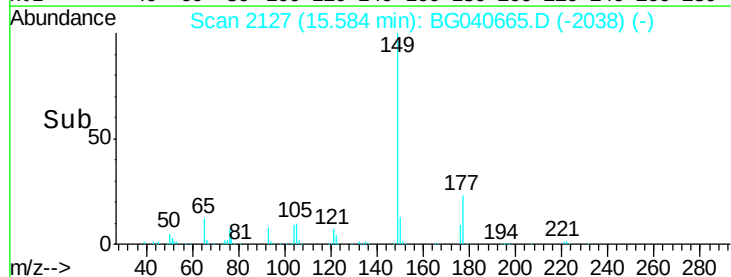
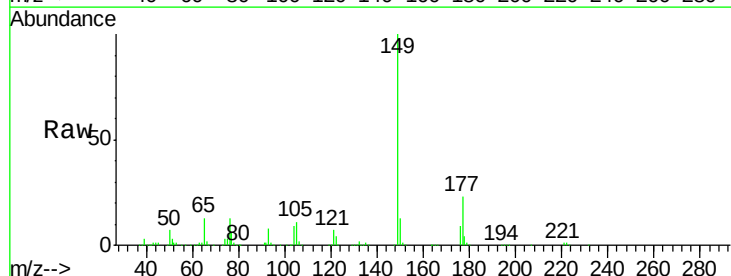
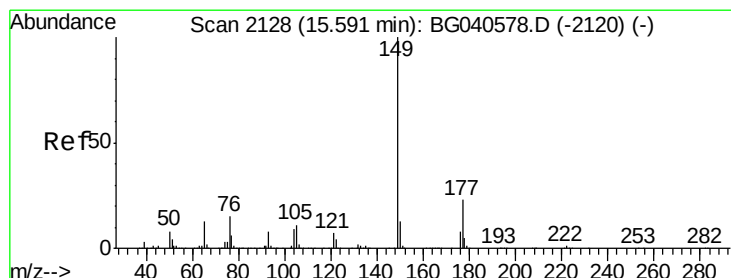
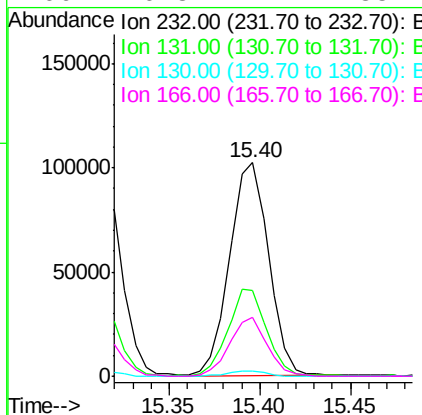
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.060 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	152389		
131	41.1	33.0	49.4	
130	2.5	2.0	3.0	
166	26.8	22.1	33.1	

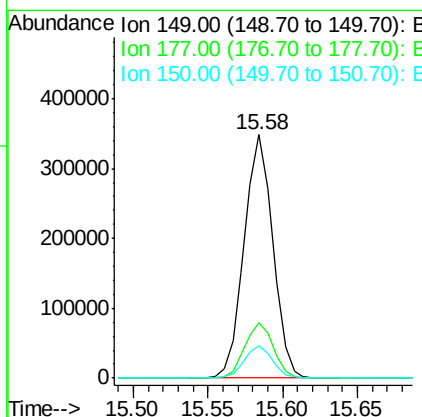
Manual Integrations
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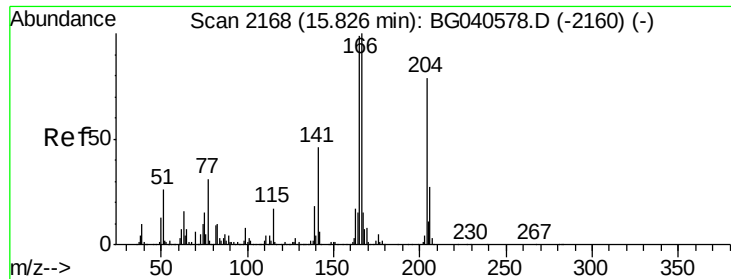
Sohil
4/30/2019 6:44:45 PM



#60
Diethylphthalate
Concen: 40.797 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

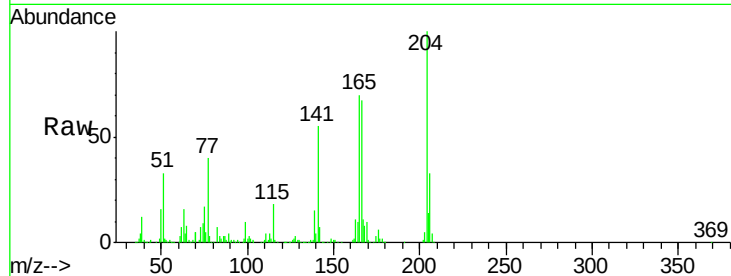
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	462631		
177	22.7	18.5	27.7	
150	13.5	10.2	15.4	





#61
 4-Chlorophenyl-phenylether
 Concen: 42.892 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

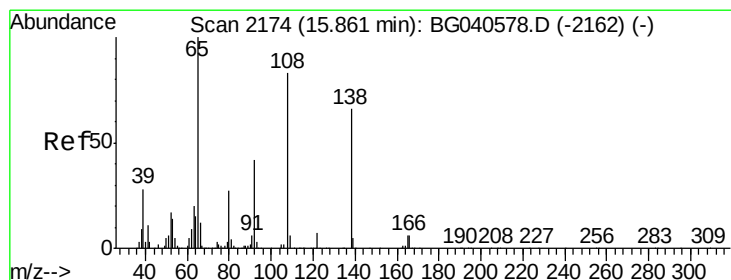
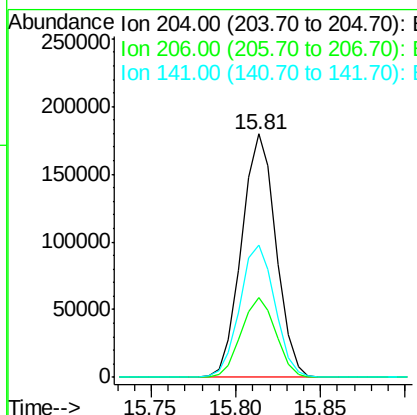
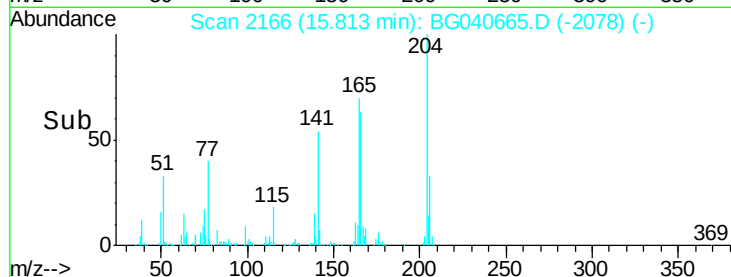
Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD



Tgt Ion	Ratio	Resp	Lower	Upper
204	100	254693		
206	32.9	27.4	41.2	
141	54.5	46.0	69.0	

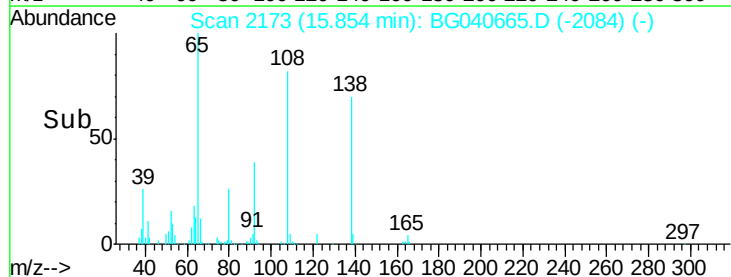
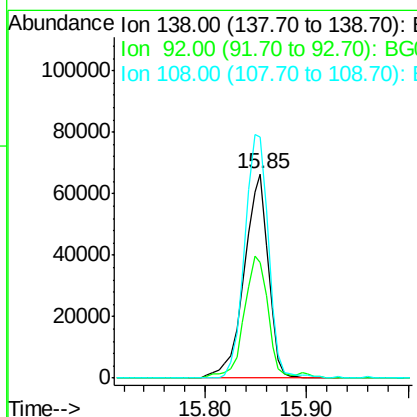
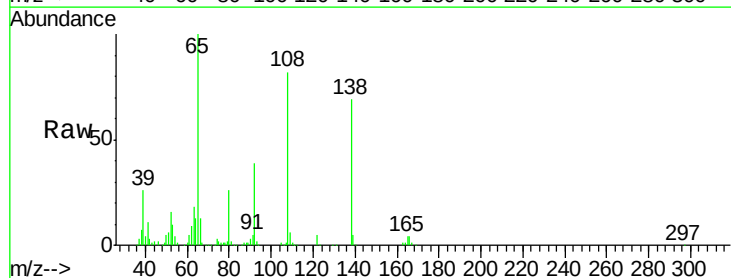
Manual Integrations
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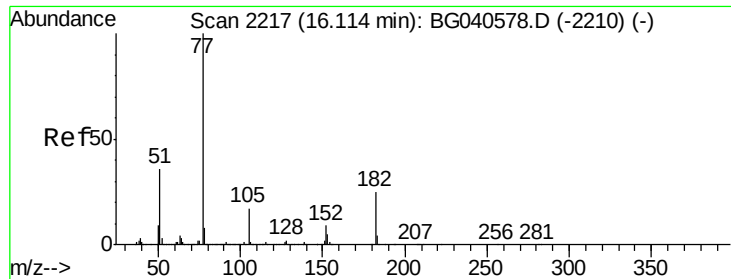
Sohil
 4/30/2019 6:44:45 PM



#62
 4-Nitroaniline
 Concen: 45.583 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	109593		
92	56.5	43.9	83.9	
108	118.0	106.5	146.5	





#63

Azobenzene

Concen: 40.334 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampleId :

PB119264BSD

Tgt Ion: 77 Resp: 471042

Ion Ratio Lower Upper

77 100

182 24.7 5.0 45.0

105 17.5 0.0 37.6

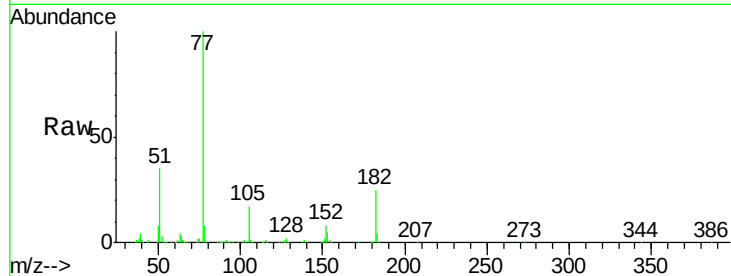
51 35.4 16.3 56.3

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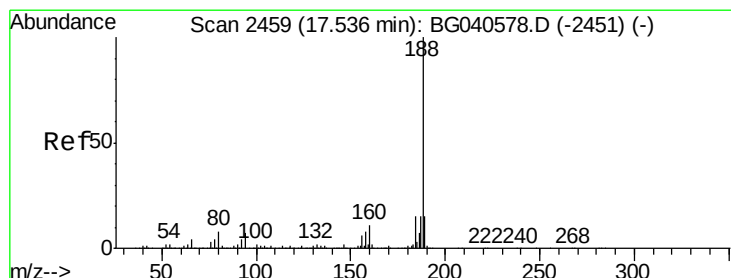
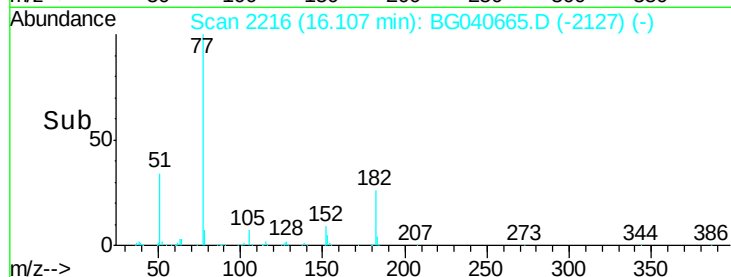
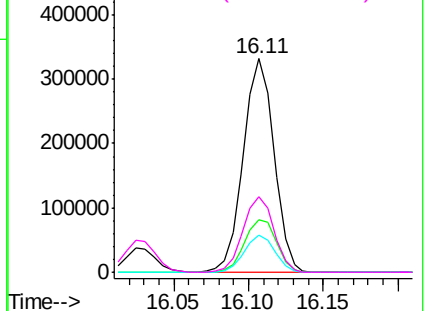


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion: 188 Resp: 346310

Ion Ratio Lower Upper

188 100

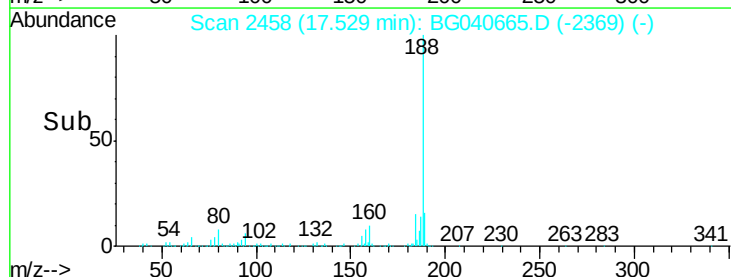
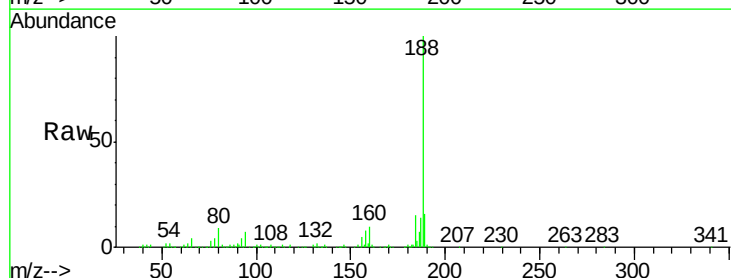
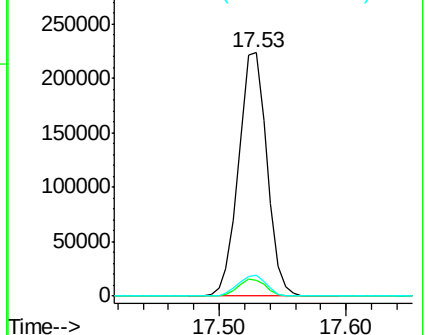
94 6.6 5.6 8.4

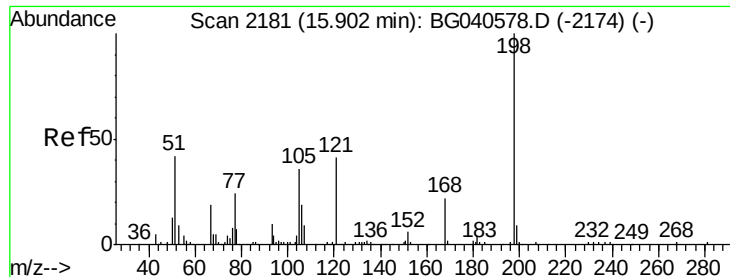
80 8.5 6.4 9.6

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.492 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampleId :

PB119264BSD

Tgt Ion:198 Resp: 78886

Ion Ratio Lower Upper

198 100

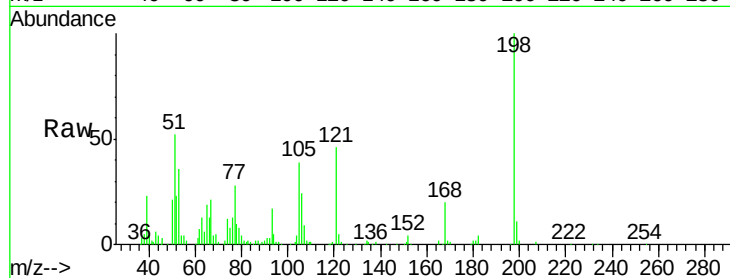
51 51.8 35.9 75.9

105 39.4 21.2 61.2

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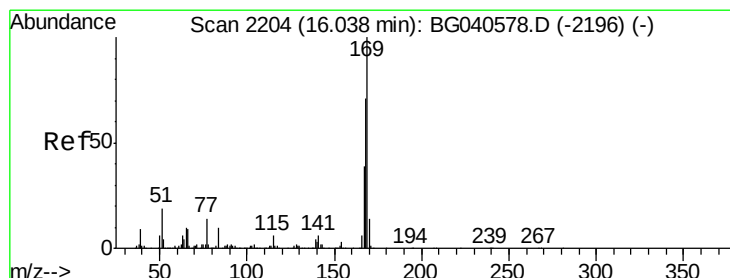
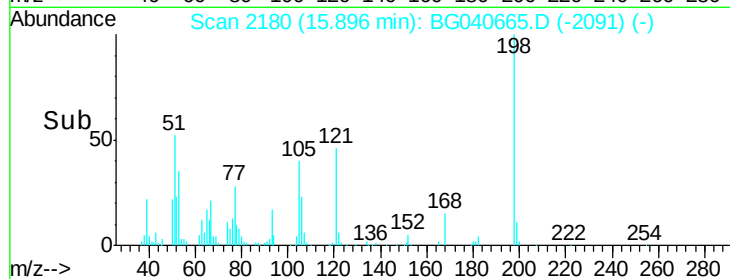
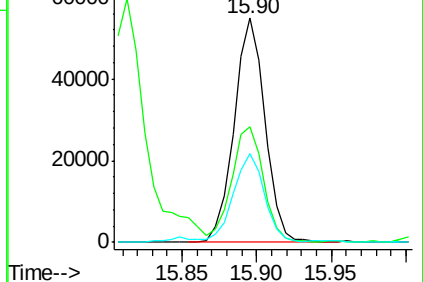
4/30/2019 6:44:45 PM



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: 38.185 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:169 Resp: 389059

Ion Ratio Lower Upper

169 100

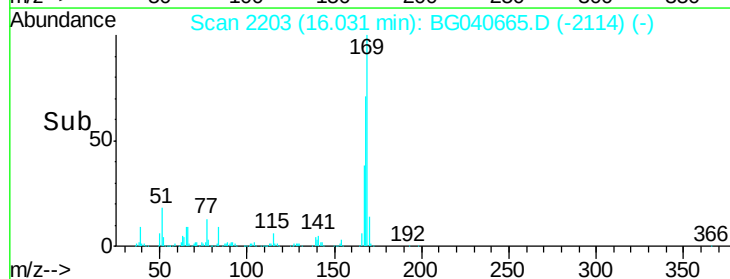
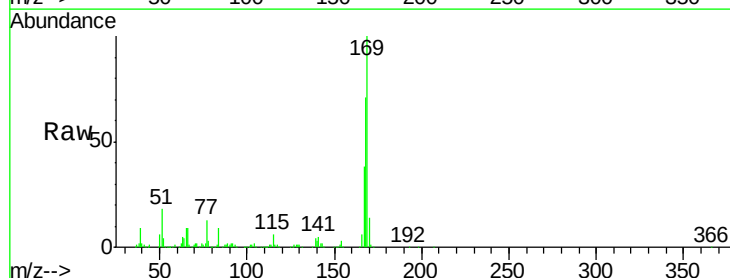
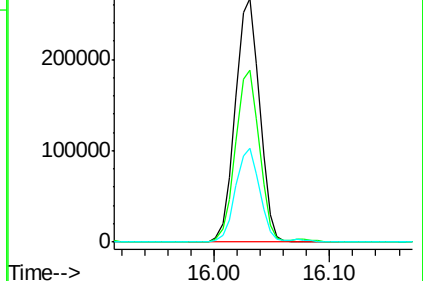
168 70.6 56.8 85.2

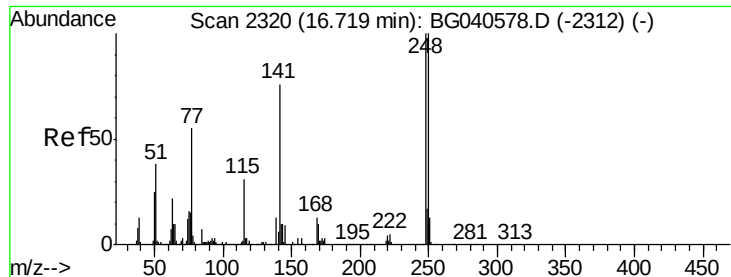
167 38.4 31.4 47.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





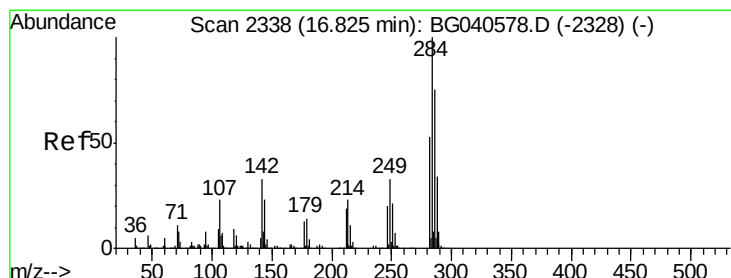
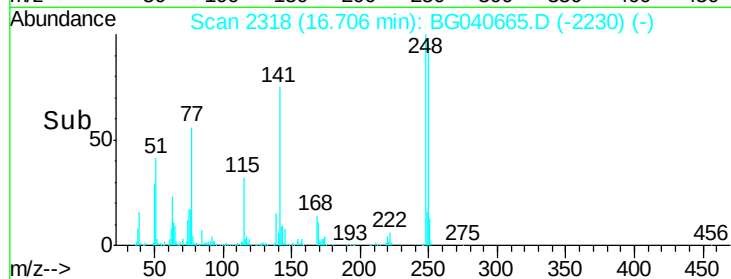
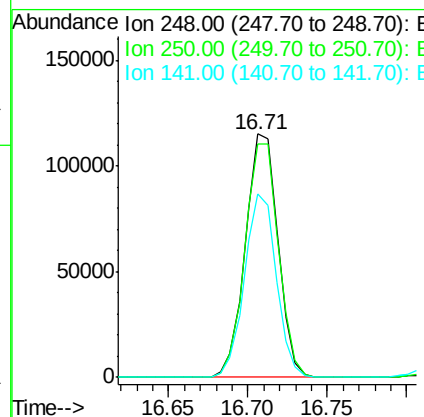
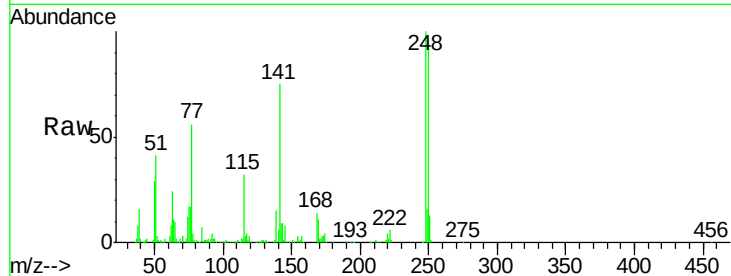
#67
 4-Bromophenyl-phenylether
 Concen: 37.968 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampled :
 PB119264BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.8	119.6
141	75.3	60.8	91.2

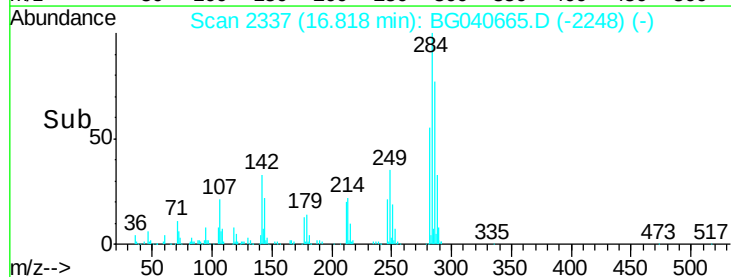
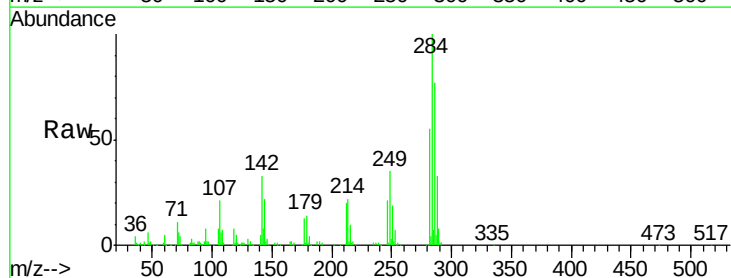
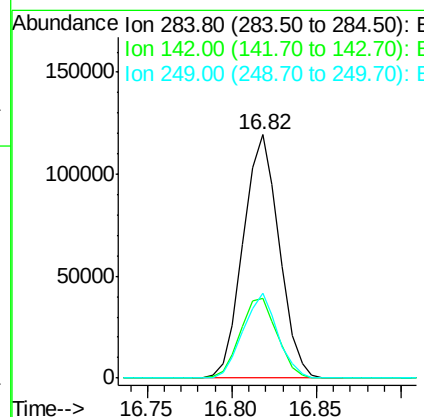
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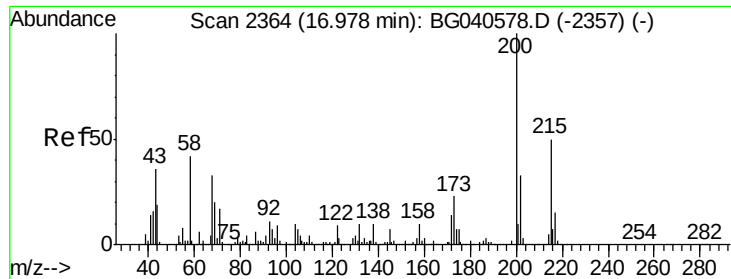
Sohil
 4/30/2019 6:44:45 PM



#68
 Hexachlorobenzene
 Concen: 39.708 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.6	40.0
249	34.9	26.0	39.0





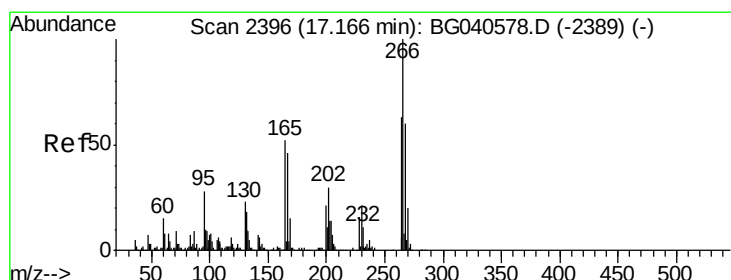
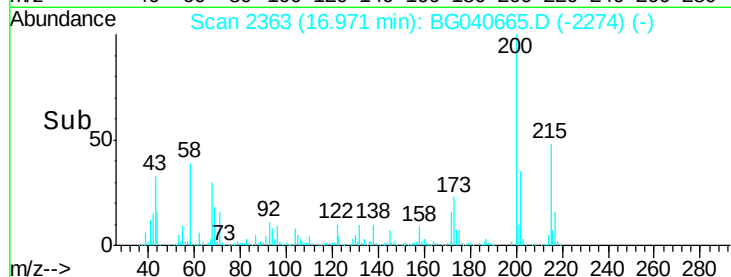
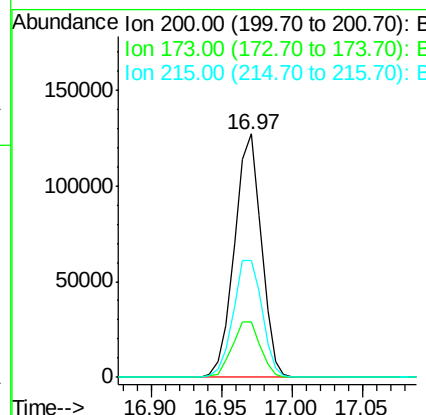
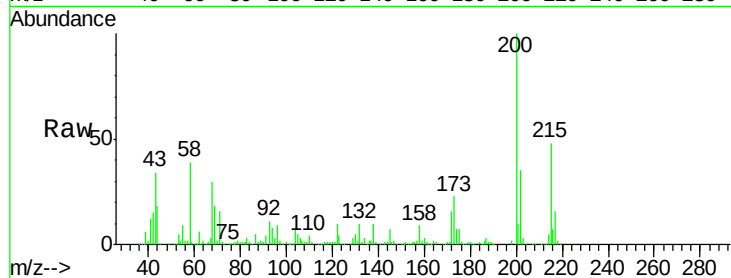
#69
 Atrazine
 Concen: 41.842 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.7	2.8	42.8
215	48.2	30.2	70.2

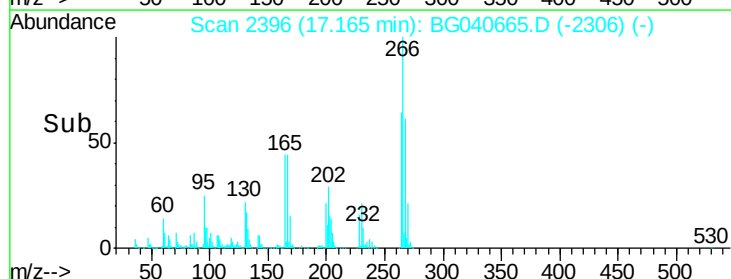
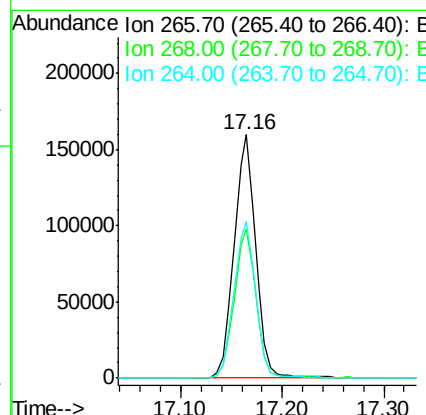
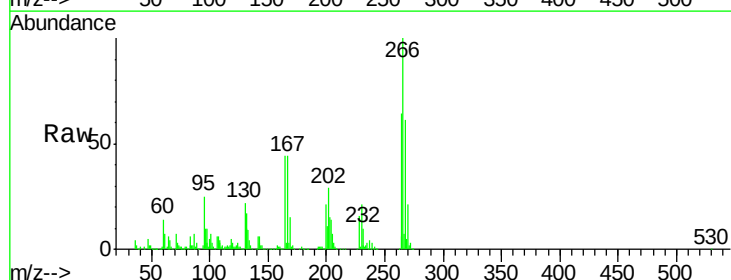
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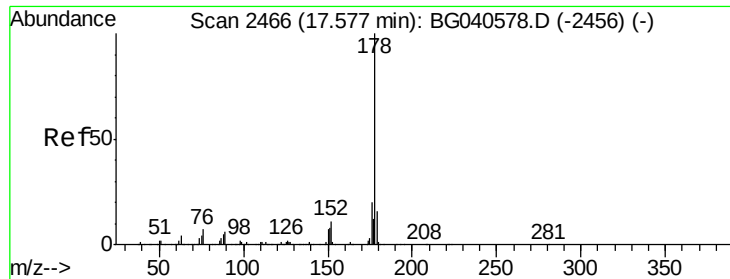
Sohil
 4/30/2019 6:44:45 PM



#70
 Pentachlorophenol
 Concen: 90.784 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.1	52.3	78.5
264	64.1	50.0	75.0





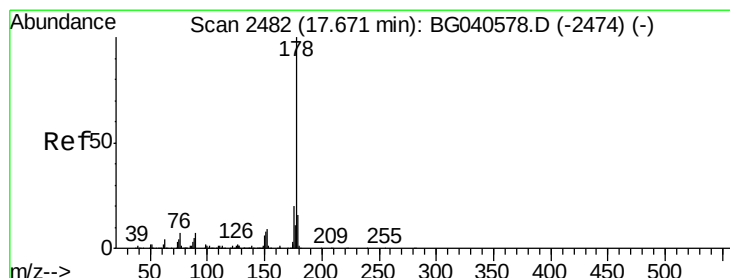
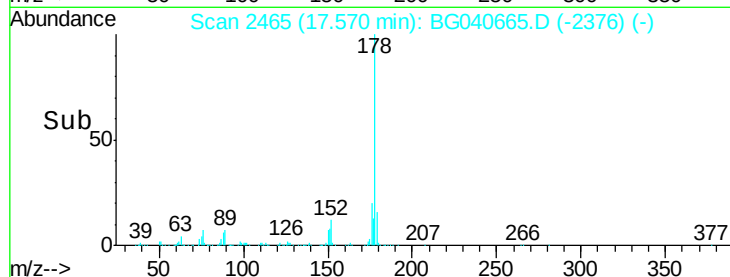
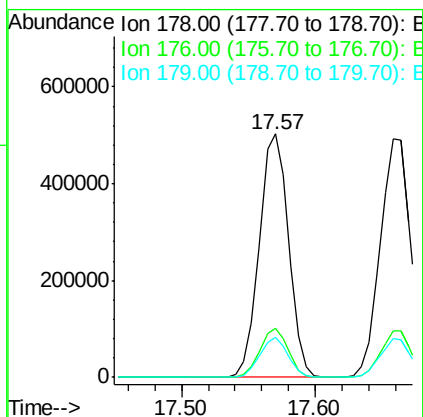
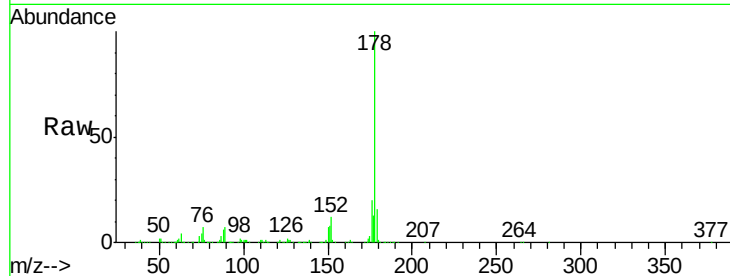
#71
Phenanthrene
Concen: 40.695 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.3	12.6	18.8

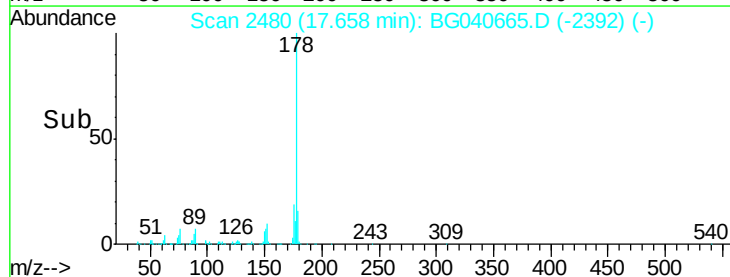
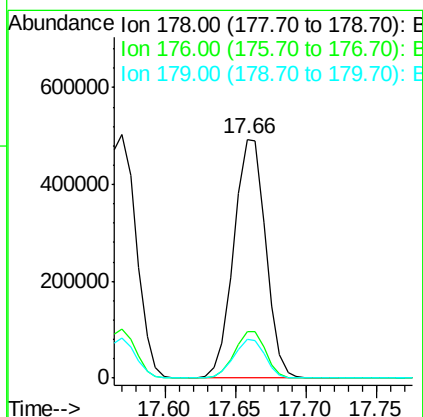
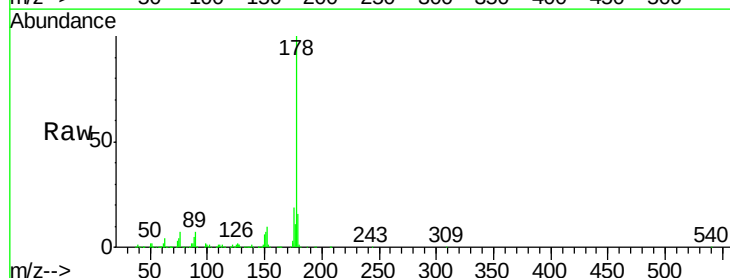
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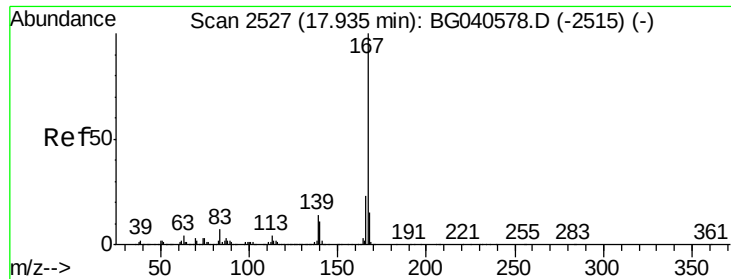
Sohil
4/30/2019 6:44:45 PM



#72
Anthracene
Concen: 41.401 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.3	12.9	19.3





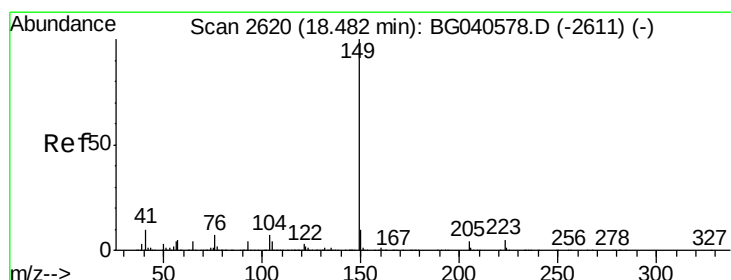
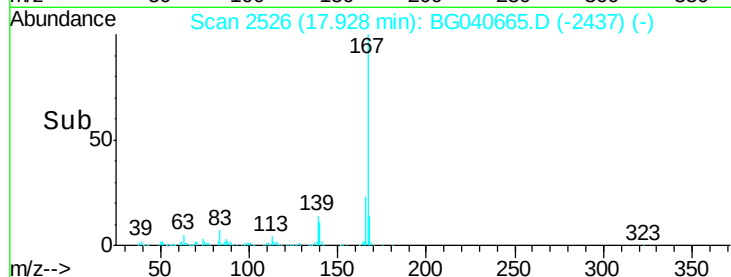
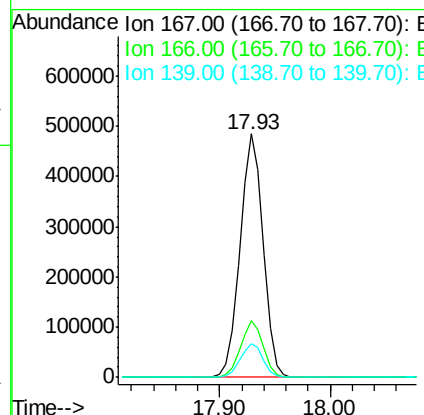
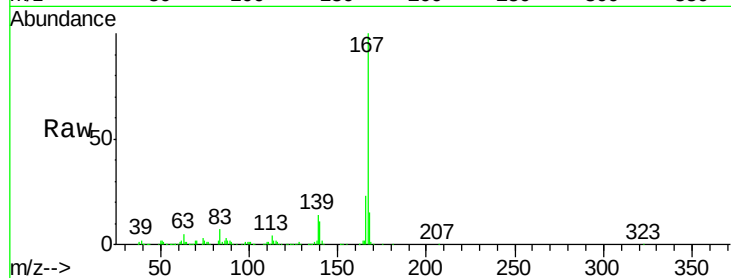
#73
 Carbazole
 Concen: 41.588 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	710414		
166	23.1	18.2	27.4	
139	13.9	11.4	17.0	

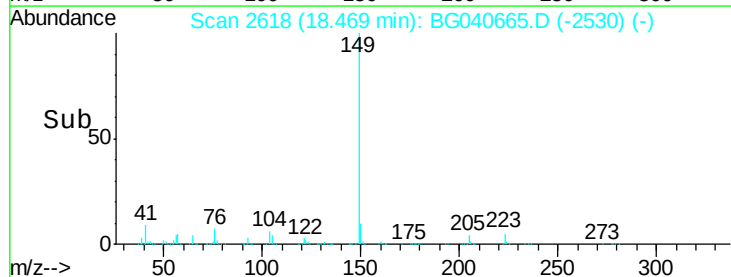
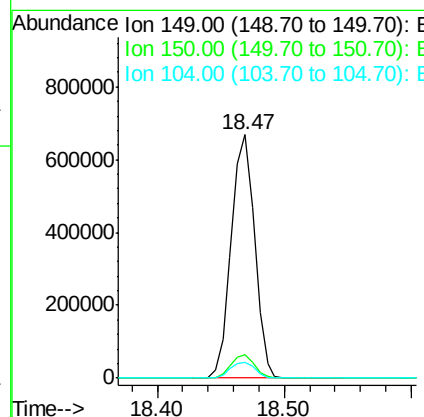
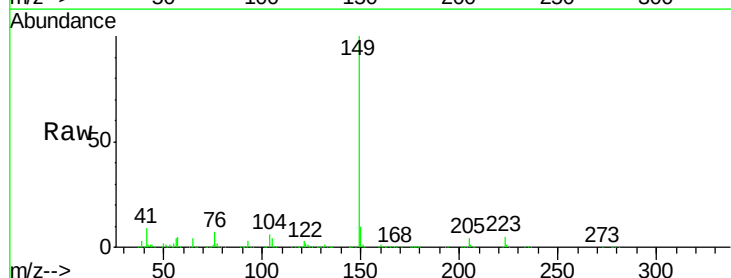
Manual Integrations
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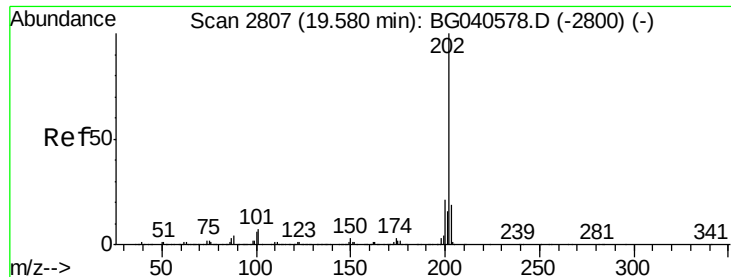
Sohil
 4/30/2019 6:44:45 PM



#74
 Di-n-butylphthalate
 Concen: 41.337 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BG040665.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	852280		
150	9.6	8.2	12.2	
104	6.4	5.4	8.2	





#75

Fluoranthene

Concen: 44.144 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

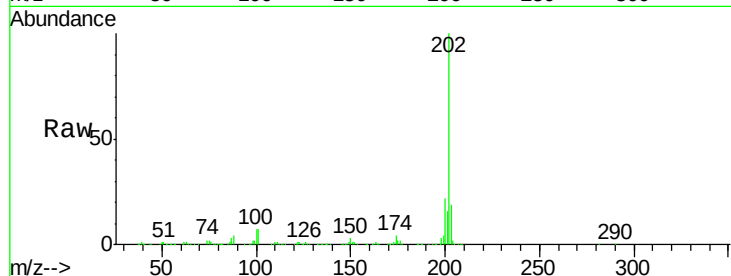
ClientSampleId :

PB119264BSD

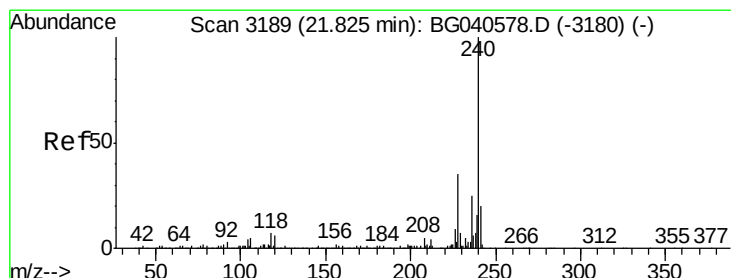
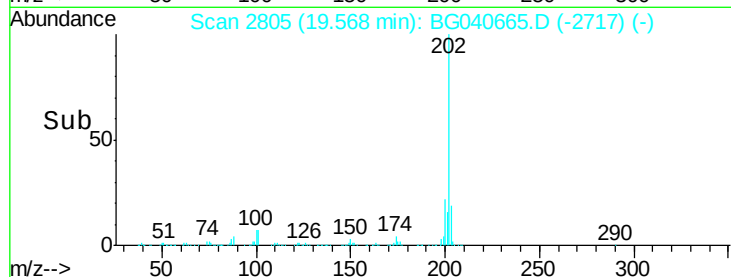
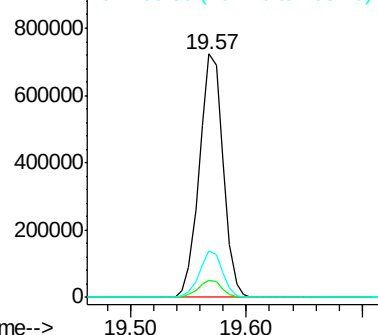
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1026130		
101	7.1	0.0	27.5		
203	19.2	0.0	39.3		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

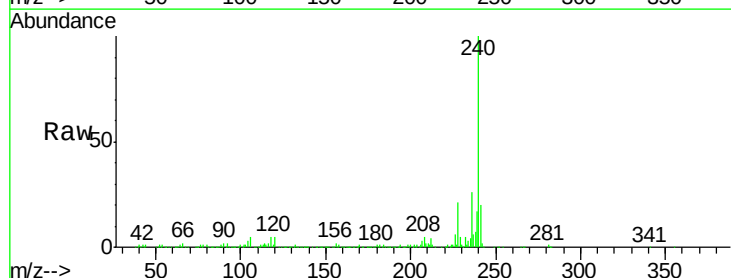
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

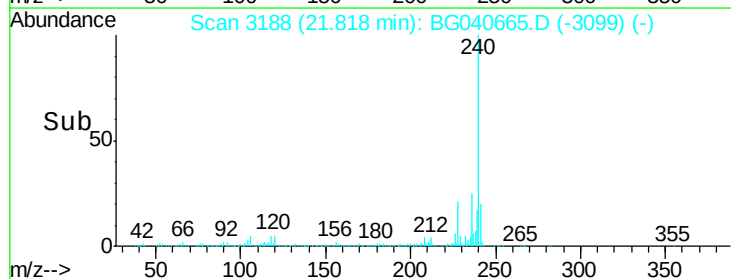
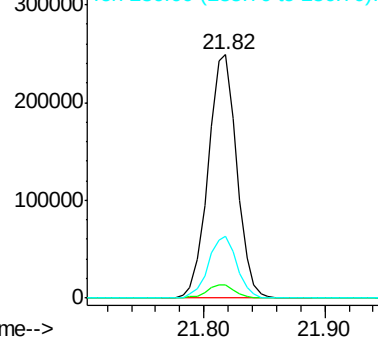
Lab File: BG040665.D

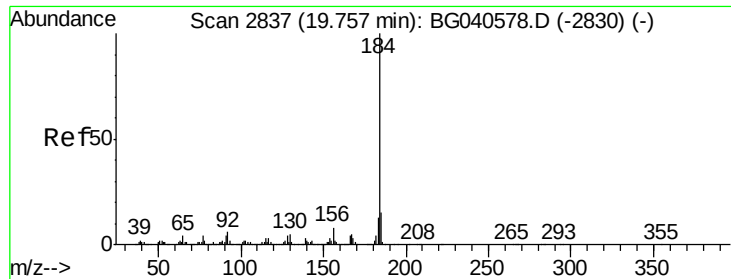
Acq: 29 Apr 2019 17:18

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		408935		
120	5.3	5.0	7.6		
236	25.5	20.3	30.5		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.370 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

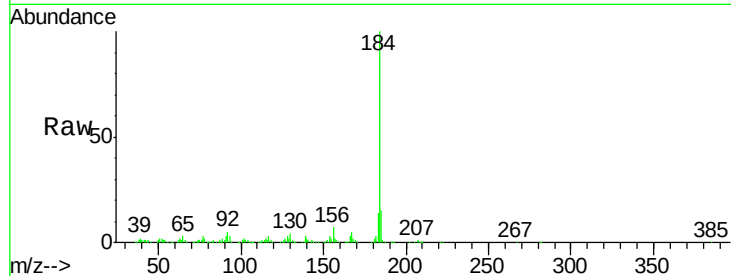
ClientSampleId :

PB119264BSD

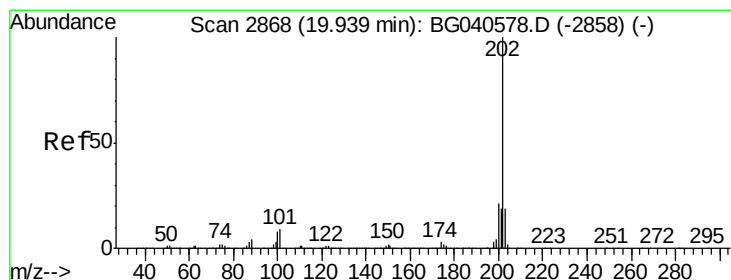
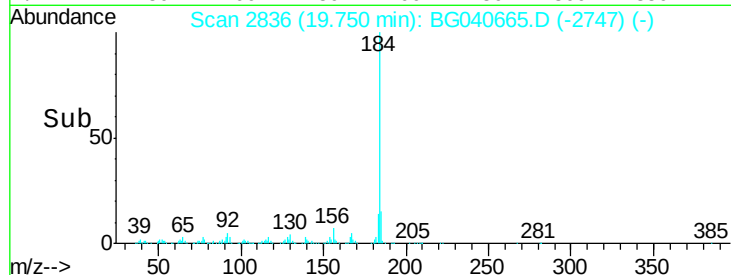
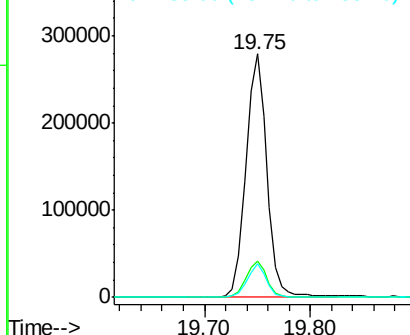
Tgt Ion:	184	Resp:	384830
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.8
183	13.7	10.2	15.2

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



#78

Pyrene

Concen: 40.302 ng

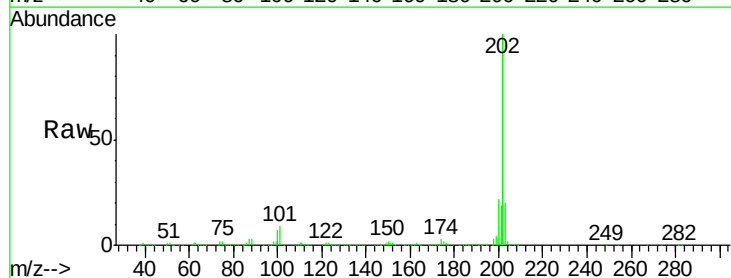
RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

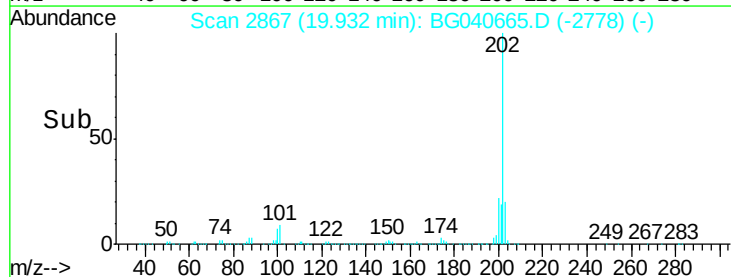
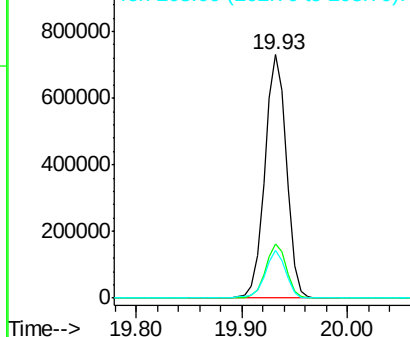
Lab File: BG040665.D

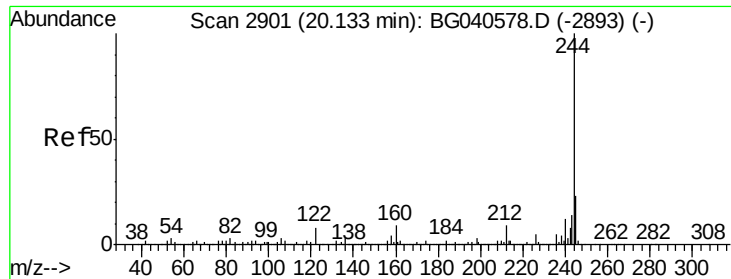
Acq: 29 Apr 2019 17:18

Tgt Ion:	202	Resp:	1032950
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.2	25.8
203	19.8	15.0	22.4



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: 75.600 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

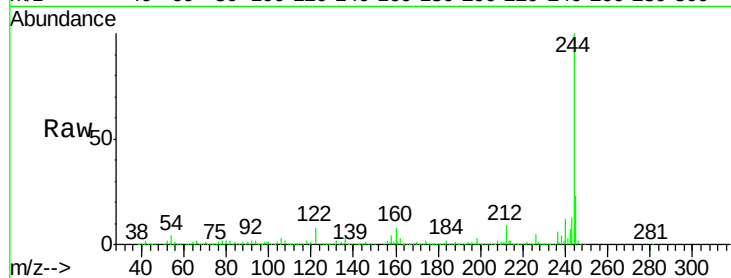
ClientSampled :

PB119264BSD

Tgt Ion:	244	Resp:	1395471
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.2	10.8
122	7.7	6.6	10.0

Manual Integrations
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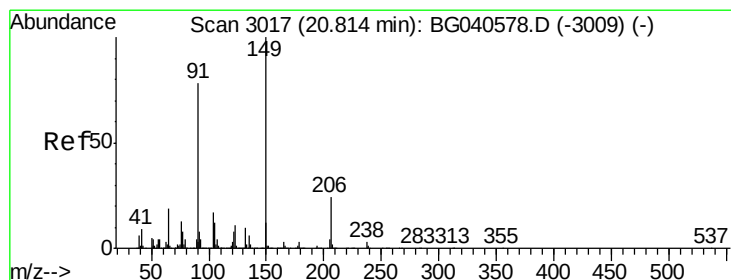
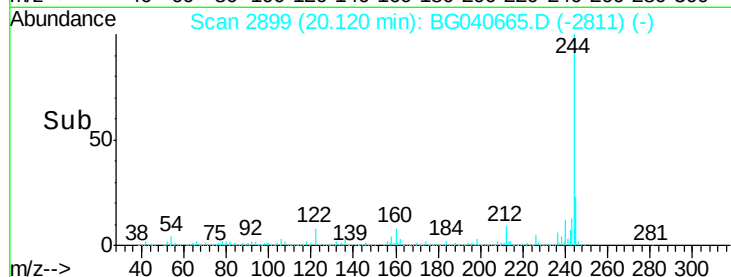
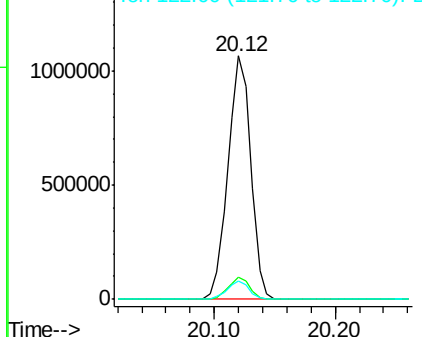
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.757 ng

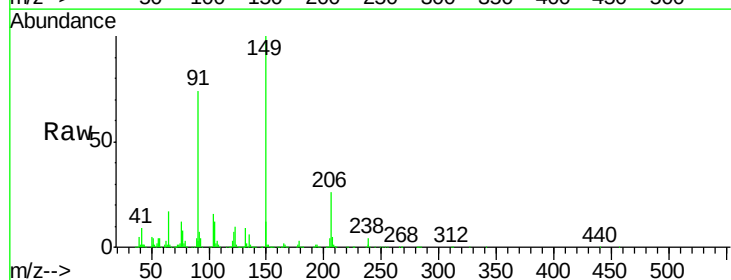
RT: 20.81 min Scan# 3016

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

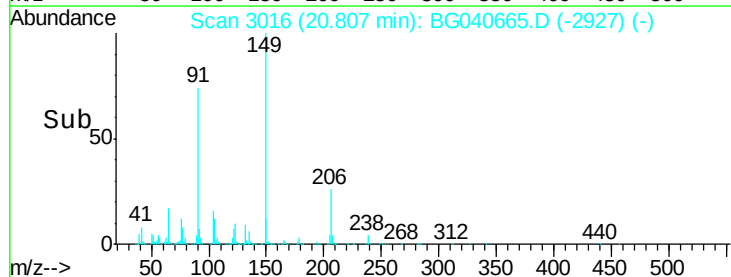
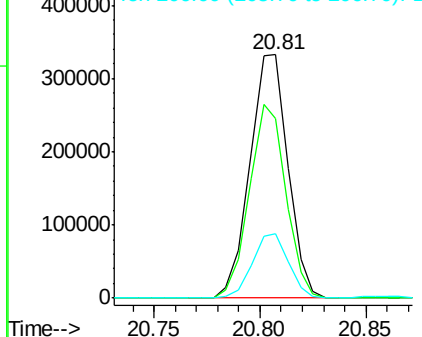
Tgt Ion:	149	Resp:	417133
Ion Ratio	Lower	Upper	
149	100		
91	73.7	62.6	93.8
206	26.5	19.4	29.2

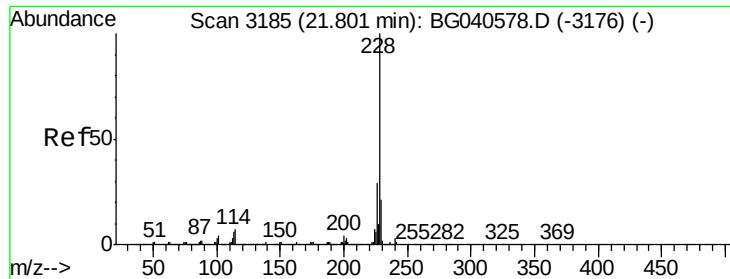


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.611 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

ClientSampleId :

PB119264BSD

Tgt Ion:228 Resp: 1023750

Ion Ratio Lower Upper

228 100

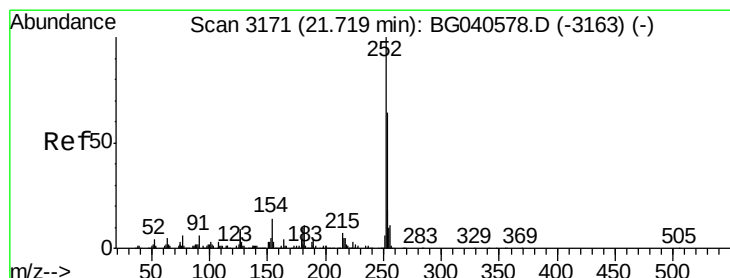
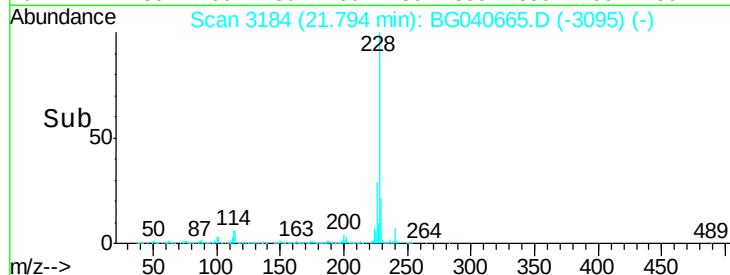
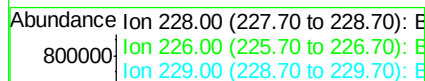
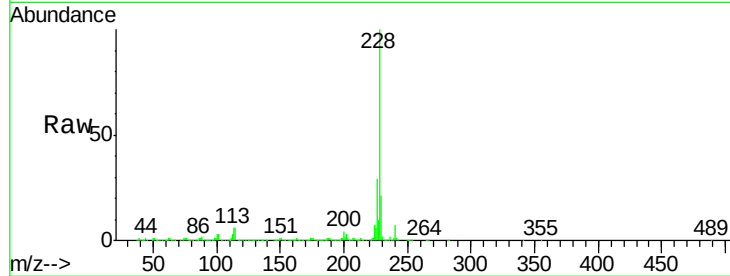
226 28.8 23.1 34.7

229 20.7 17.0 25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.310 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

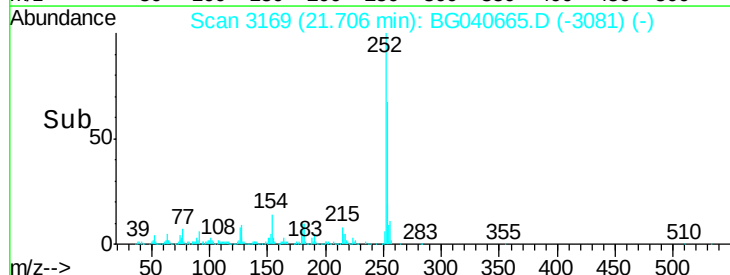
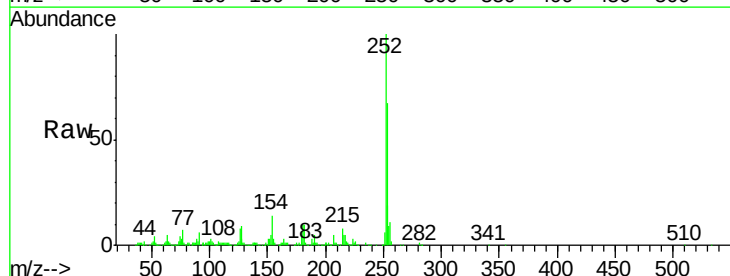
Tgt Ion:252 Resp: 242365

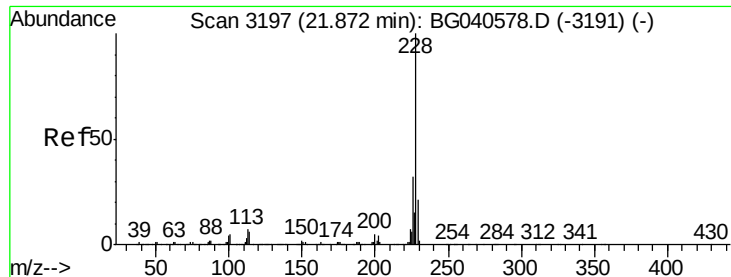
Ion Ratio Lower Upper

252 100

254 66.8 51.2 76.8

126 7.7 6.6 10.0





#83

Chrysene

Concen: 40.136 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

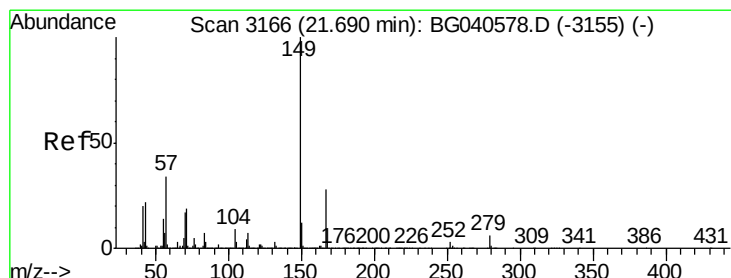
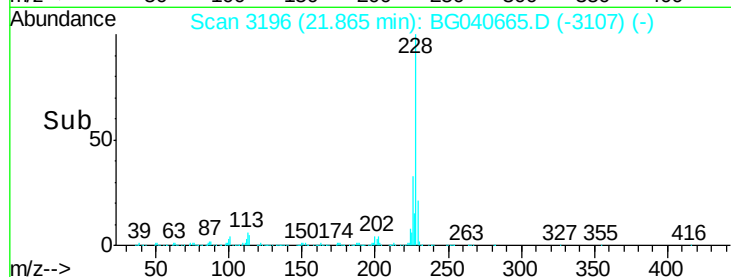
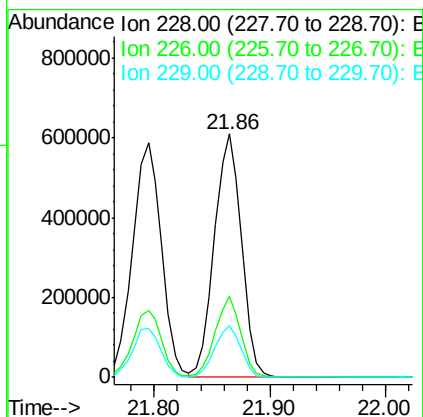
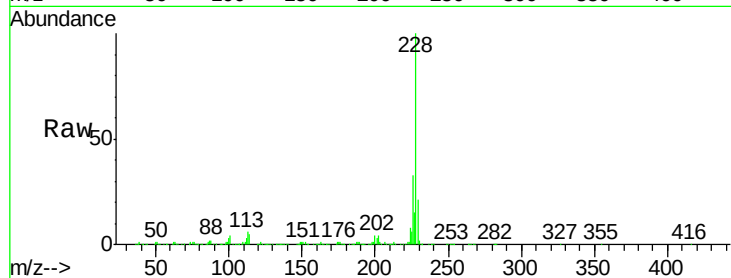
ClientSampleId :

PB119264BSD

Tgt Ion:	228	Resp:	986526
Ion Ratio		Lower	Upper
228	100		
226	33.5	25.5	38.3
229	21.1	16.8	25.2

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.615 ng

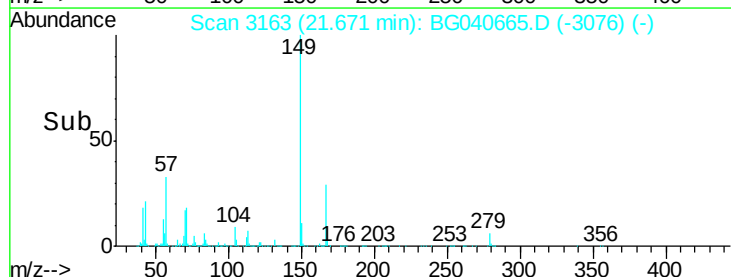
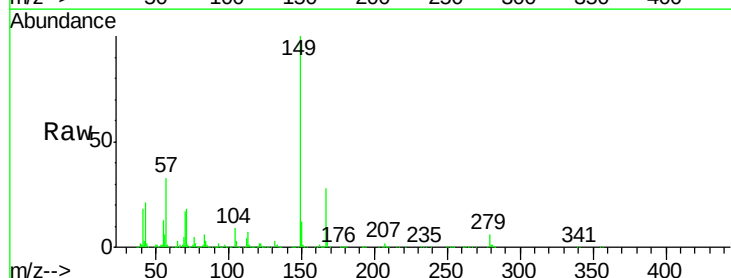
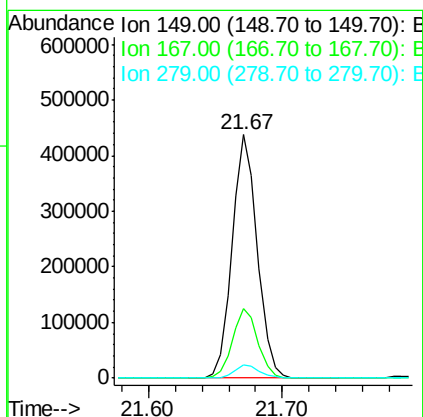
RT: 21.67 min Scan# 3163

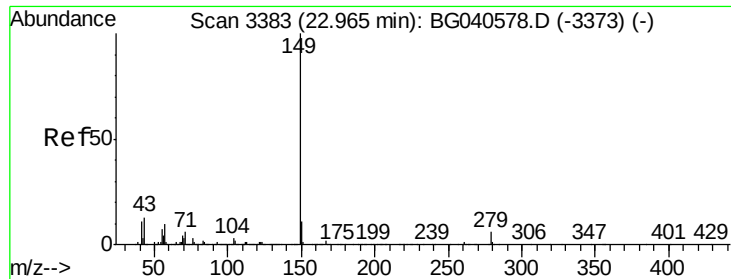
Delta R.T. -0.02 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	149	Resp:	571241
Ion Ratio		Lower	Upper
149	100		
167	28.5	22.4	33.6
279	5.7	4.6	6.8





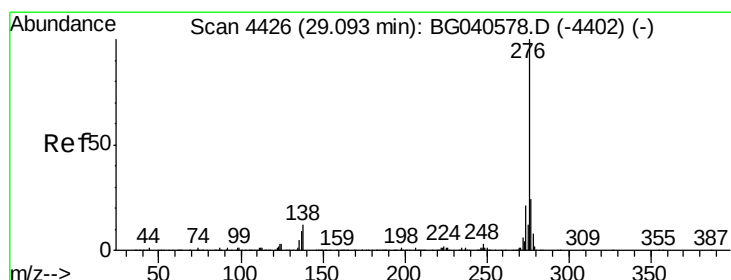
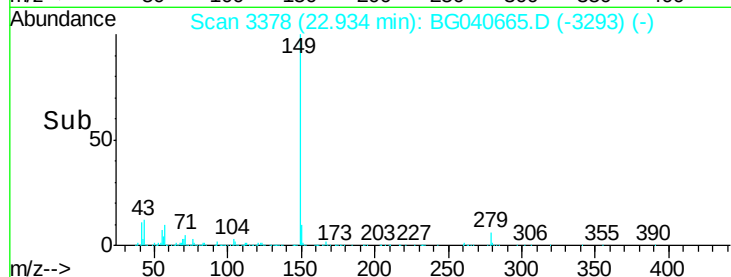
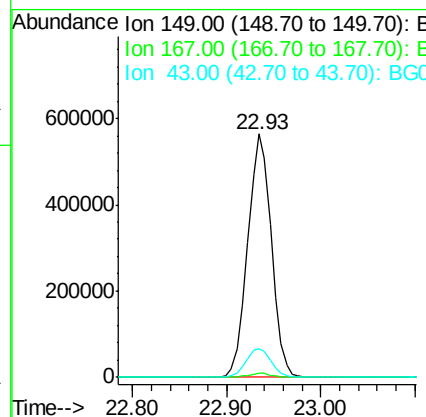
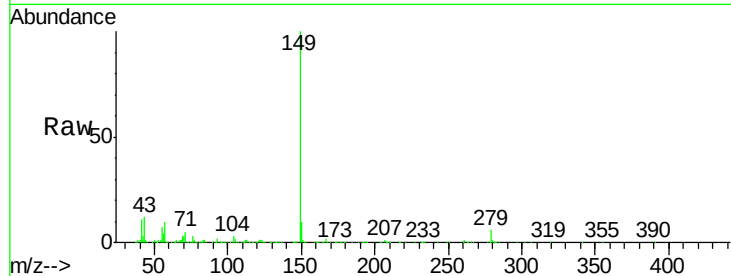
#85
Di-n-octyl phthalate
Concen: 40.238 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	977189		
167	1.7		1.4	2.2
43	12.4		10.2	15.2

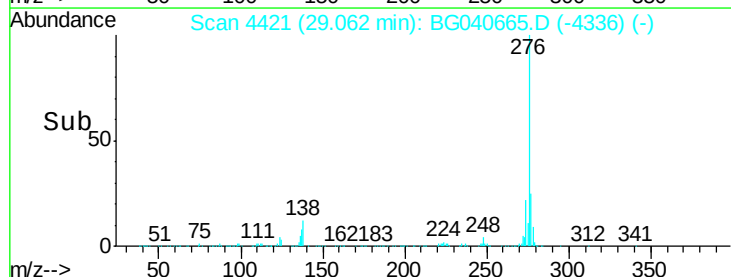
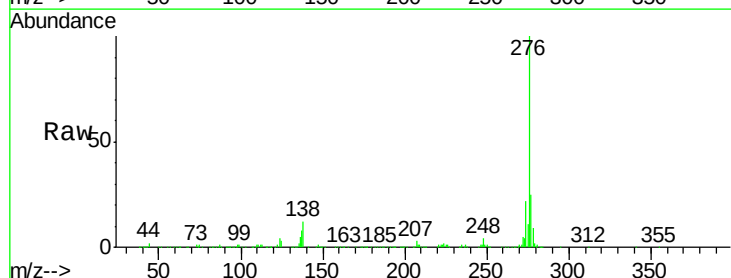
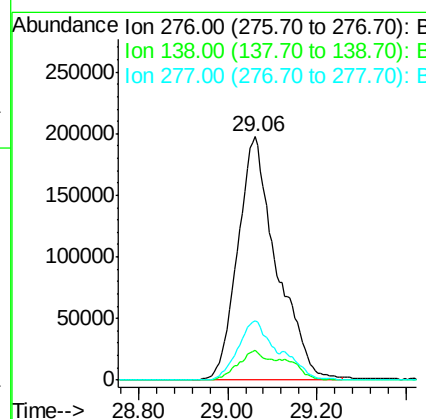
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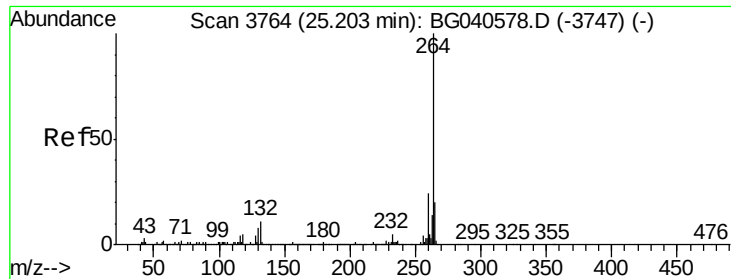
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.256 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1196301		
138	9.5		9.8	14.6#
277	20.1		17.3	25.9





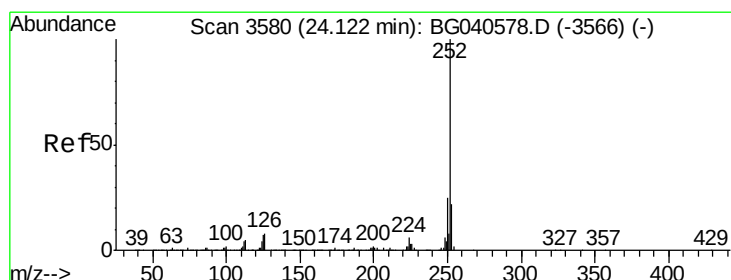
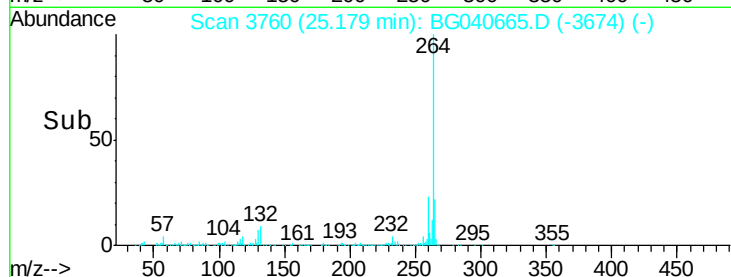
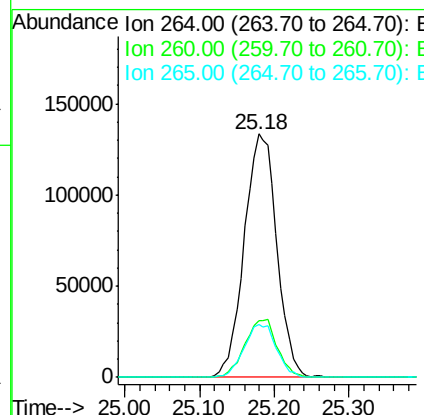
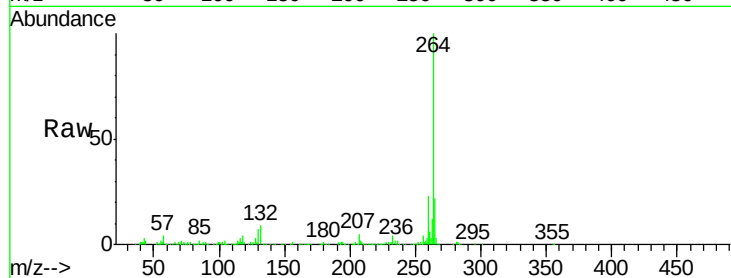
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampleId :
PB119264BSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	16.6	25.0

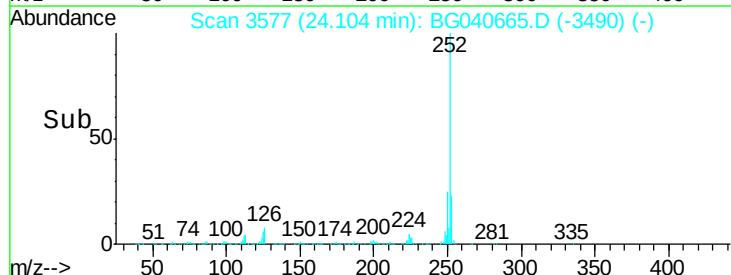
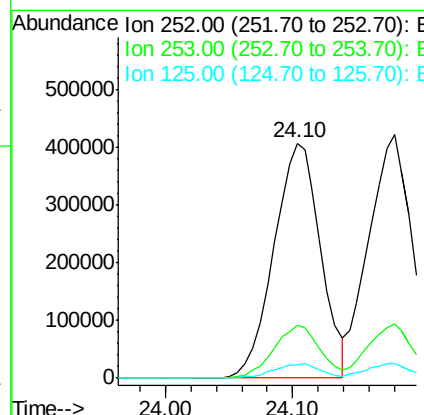
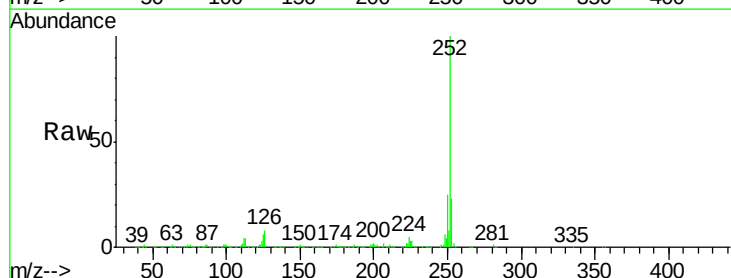
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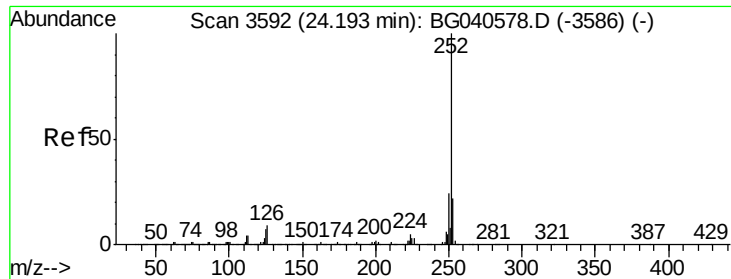
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#88
Benzo(b)fluoranthene
Concen: 42.088 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	5.8	5.4	8.0





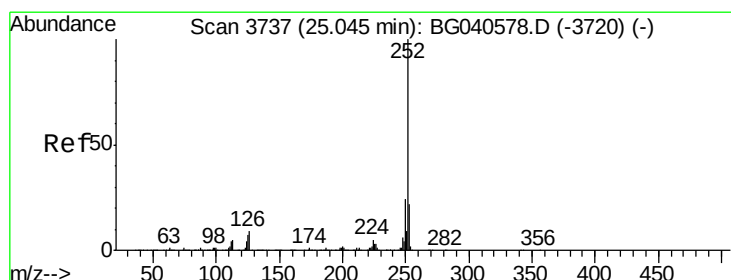
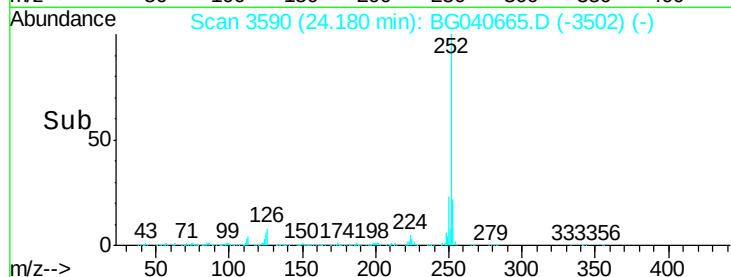
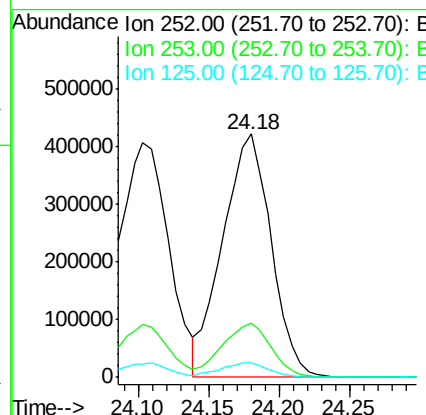
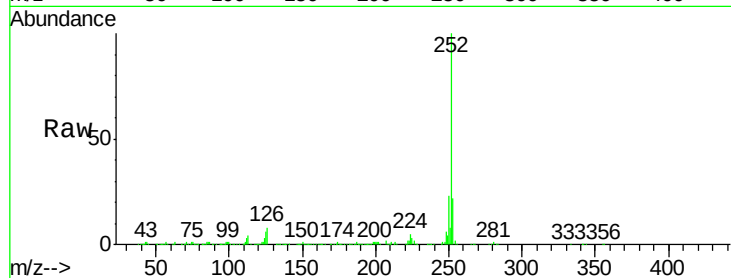
#89
Benzo(k)fluoranthene
Concen: 43.618 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_G
ClientSampled :
PB119264BSD

Tgt Ion:252 Resp: 1004553
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.1 5.5 8.3

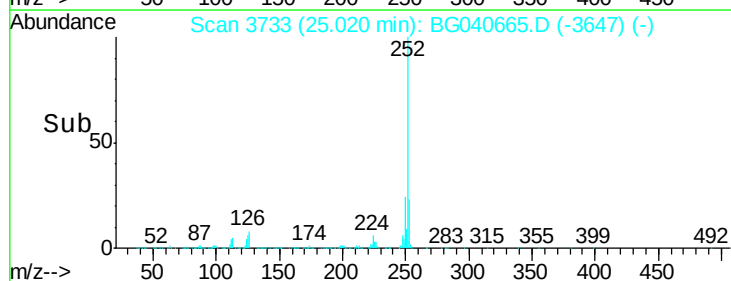
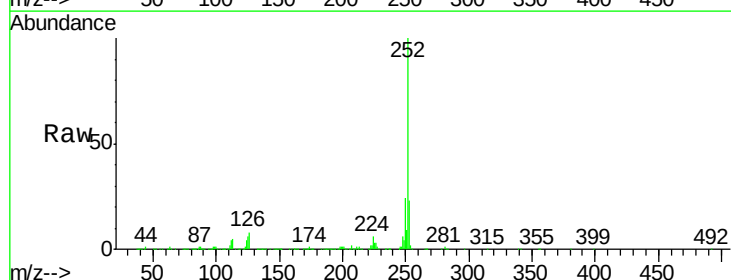
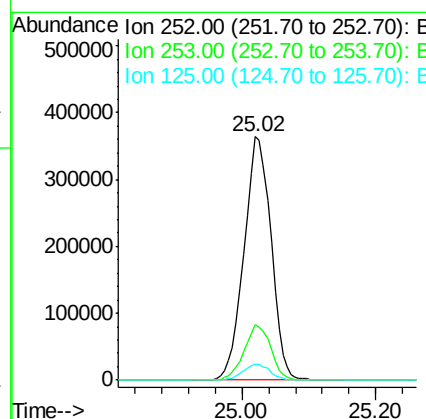
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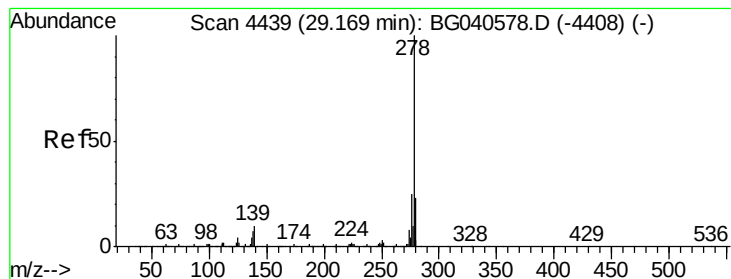
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#90
Benzo(a)pyrene
Concen: 43.496 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG040665.D
Acq: 29 Apr 2019 17:18

Tgt Ion:252 Resp: 1015342
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 6.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.932 ng

RT: 29.13 min Scan# 4433

Delta R.T. -0.04 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_G

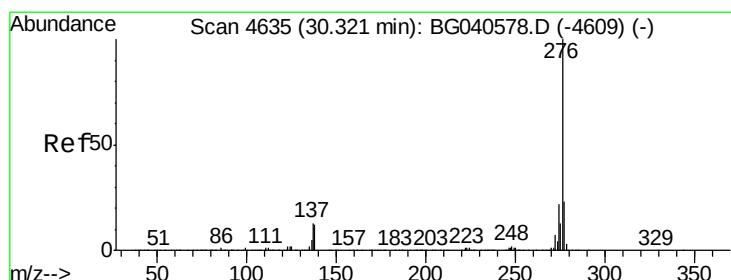
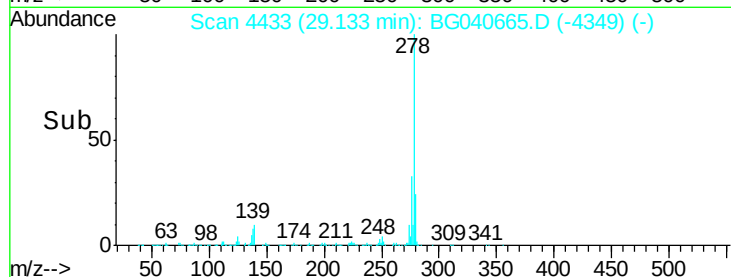
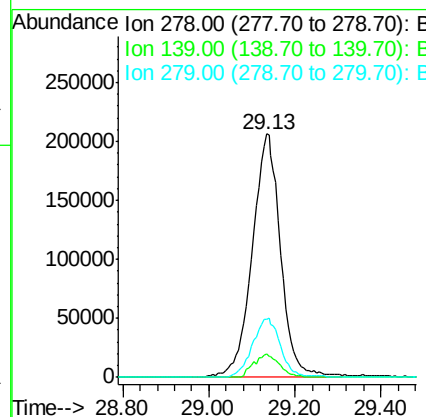
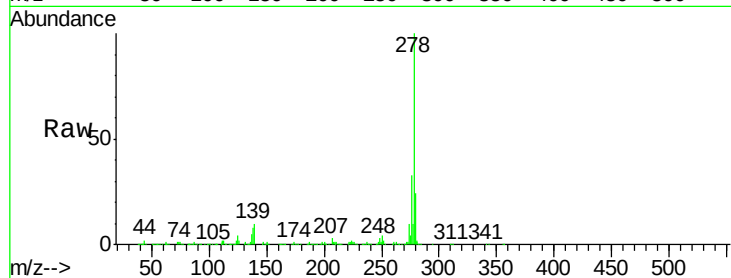
ClientSampled :

PB119264BSD

Tgt Ion:	278	Resp:	966925
Ion Ratio	Lower	Upper	
278	100		
139	9.6	8.2	12.4
279	23.9	18.5	27.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 41.826 ng

RT: 30.28 min Scan# 4629

Delta R.T. -0.04 min

Lab File: BG040665.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	276	Resp:	983335
Ion Ratio	Lower	Upper	
276	100		
277	25.4	18.4	27.6
138	12.3	9.8	14.6

