

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040874.D
 Acq On : 11 May 2019 15:25
 Operator : HP/JU
 Sample : PB119647BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Manual Integrations
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Sohil
 5/14/2019 8:01:37 PM

Quant Time: May 12 05:30:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56967	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	229301	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	172219	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	439702	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	453795	20.00	ng	-0.03
87) Perylene-d12	25.14	264	421066	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	472325	146.15	ng	-0.02
7) Phenol-d6	7.28	99	675196	135.69	ng	-0.02
23) Nitrobenzene-d5	9.31	82	398514	80.30	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	372707	157.45	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	915695	76.79	ng	-0.03
79) Terphenyl-d14	20.10	244	1701415	83.06	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	46757	31.814 ng	94
3) Pyridine	3.94	79	118105	27.724 ng	92
4) n-Nitrosodimethylamine	3.86	42	77031	32.600 ng	94
6) Aniline	7.45	93	192924	29.252 ng	99
8) 2-Chlorophenol	7.69	128	152459	38.636 ng	99
9) Benzaldehyde	7.27	77	82243	24.227 ng	99
10) Phenol	7.31	94	213261	39.871 ng	99
11) bis(2-Chloroethyl)ether	7.55	93	139083	34.676 ng	96
12) 1,3-Dichlorobenzene	8.02	146	156126	36.249 ng	96
13) 1,4-Dichlorobenzene	8.17	146	159636	36.562 ng	99
14) 1,2-Dichlorobenzene	8.49	146	152611	36.244 ng	91
15) Benzyl Alcohol	8.37	79	181083	34.975 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	231356	28.972 ng	96
17) 2-Methylphenol	8.56	107	146781	38.777 ng	96
18) Hexachloroethane	9.22	117	59616	33.286 ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	139854	31.223 ng	95
20) 3+4-Methylphenols	8.89	107	203798	38.648 ng	100
22) Acetophenone	8.96	105	253489	39.755 ng	# 95
24) Nitrobenzene	9.36	77	214012	40.419 ng	95
25) Isophorone	9.87	82	406457	36.770 ng	99
26) 2-Nitrophenol	10.07	139	91471	48.195 ng	98
27) 2,4-Dimethylphenol	10.11	122	168701	47.374 ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	209864	37.840 ng	98
29) 2,4-Dichlorophenol	10.59	162	184519	45.578 ng	97
30) 1,2,4-Trichlorobenzene	10.81	180	191403	42.633 ng	99
31) Naphthalene	11.01	128	481474	39.523 ng	99
32) Benzoic acid	10.24	122	111367	45.683 ng	97
33) 4-Chloroaniline	11.12	127	134921	24.980 ng	94
34) Hexachlorobutadiene	11.27	225	138311	41.730 ng	99
35) Caprolactam	11.91	113	62433m	39.060 ng	
36) 4-Chloro-3-methylphenol	12.21	107	214052	41.912 ng	100
37) 2-Methylnaphthalene	12.60	142	372678	40.917 ng	99
38) 1-Methylnaphthalene	12.82	142	350383	39.356 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	260138	40.548 ng	99

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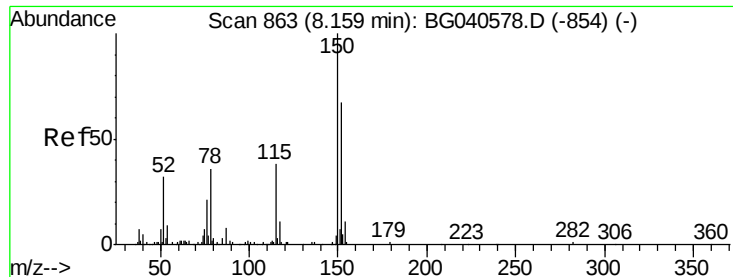
Manual Integrations
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 5/14/2019 8:01:37 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	331025	87.440	ng	100
43) 2,4,6-Trichlorophenol	13.19	196	181154	46.725	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	190700	45.153	ng	94
46) 1,1'-Biphenyl	13.60	154	504083	37.699	ng	97
47) 2-Chloronaphthalene	13.65	162	417126	39.862	ng	95
48) 2-Nitroaniline	13.85	65	156842	42.107	ng	97
49) Acenaphthylene	14.49	152	647050	36.446	ng	98
50) Dimethylphthalate	14.22	163	577069	40.049	ng	99
51) 2,6-Dinitrotoluene	14.34	165	127196	45.229	ng #	83
52) Acenaphthene	14.83	154	389991	37.720	ng	96
53) 3-Nitroaniline	14.67	138	89413	31.030	ng #	96
54) 2,4-Dinitrophenol	14.88	184	183620	112.633	ng	93
55) Dibenzofuran	15.16	168	666317	39.346	ng	99
56) 4-Nitrophenol	14.97	139	207623	83.098	ng	89
57) 2,4-Dinitrotoluene	15.13	165	178154	46.620	ng #	90
58) Fluorene	15.81	166	523323	38.233	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201997	47.518	ng	94
60) Diethylphthalate	15.57	149	579472	38.116	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	331731	41.670	ng	98
62) 4-Nitroaniline	15.84	138	128225	39.781	ng	93
63) Azobenzene	16.09	77	543078	34.687	ng	96
65) 4,6-Dinitro-2-methylphenol	15.88	198	113220	51.629	ng	87
66) n-Nitrosodiphenylamine	16.01	169	492899	38.101	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	218809	39.943	ng	93
68) Hexachlorobenzene	16.80	284	229561	40.527	ng	96
69) Atrazine	16.95	200	210955	41.159	ng	95
70) Pentachlorophenol	17.15	266	305899	92.288	ng	97
71) Phenanthrene	17.55	178	897293	37.887	ng	97
72) Anthracene	17.64	178	915371	38.452	ng	99
73) Carbazole	17.91	167	813001	37.485	ng	98
74) Di-n-butylphthalate	18.45	149	961406	36.725	ng	99
75) Fluoranthene	19.55	202	1174598	39.799	ng	99
77) Benzidine	19.73	184	351746	28.309	ng	98
78) Pyrene	19.91	202	1182235	41.567	ng	99
80) Butylbenzylphthalate	20.78	149	451877	40.764	ng	90
81) Benzo(a)anthracene	21.77	228	1143841	39.883	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	377004	36.880	ng	97
83) Chrysene	21.84	228	1128651	41.379	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	629073	39.313	ng	95
85) Di-n-octyl phthalate	22.89	149	1075095	39.894	ng	95
86) Indeno(1,2,3-cd)pyrene	28.99	276	1381587	41.895	ng #	91
88) Benzo(b)fluoranthene	24.07	252	1191619m	46.311	ng	
89) Benzo(k)fluoranthene	24.14	252	1143361	47.581	ng	98
90) Benzo(a)pyrene	24.98	252	1149429	47.192	ng	98
91) Dibenzo(a,h)anthracene	29.06	278	1145753	46.485	ng	96
92) Benzo(g,h,i)perylene	30.21	276	1152940	47.001	ng	98

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



#1

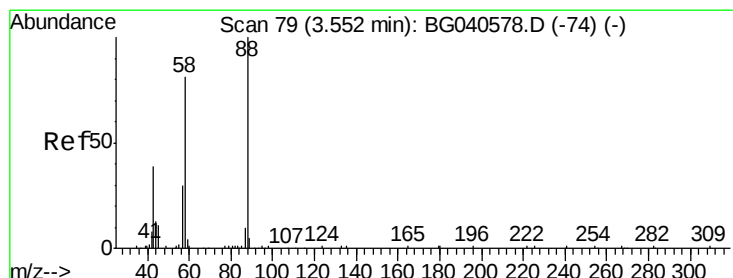
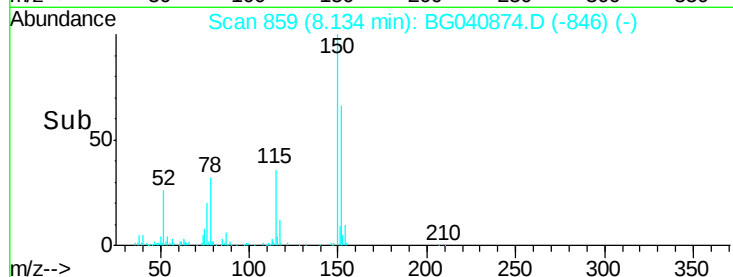
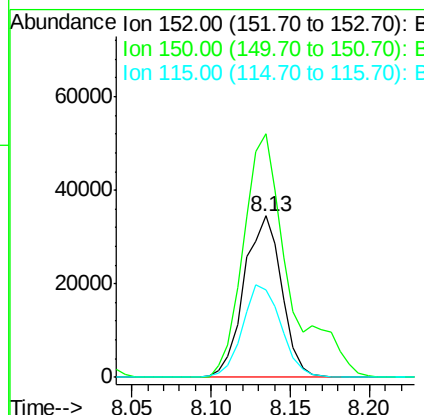
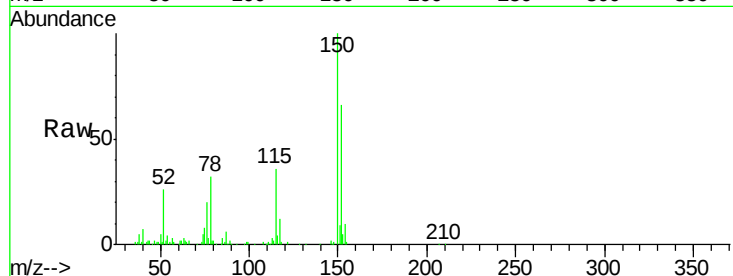
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	56967		
150	150.8	120.2	180.2	
115	53.9	46.2	69.2	

Manual Integrations
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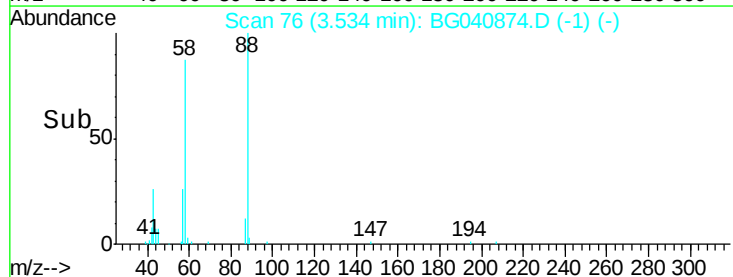
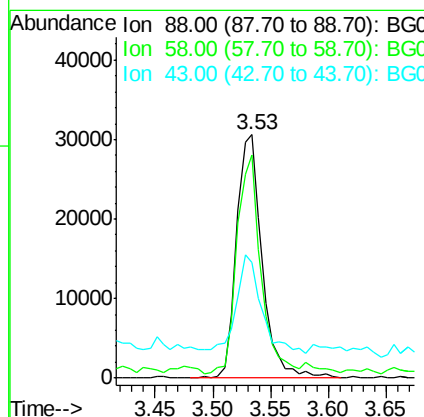
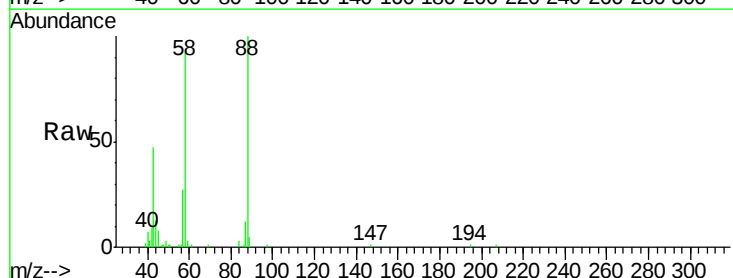
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#2

1,4-Dioxane
Concen: 31.814 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	46757		
58	84.4	71.2	106.8	
43	39.3	35.6	53.4	





#3

Pyridine

Concen: 27.724 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

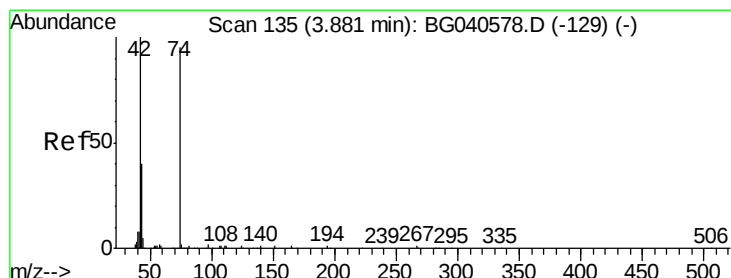
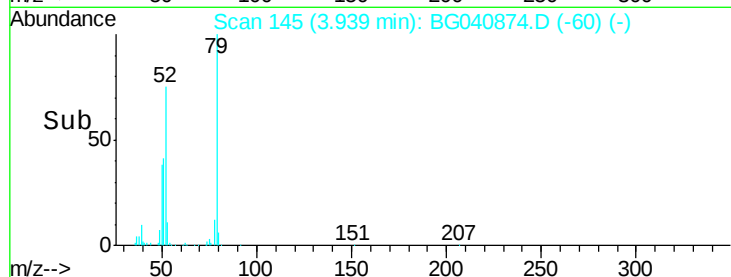
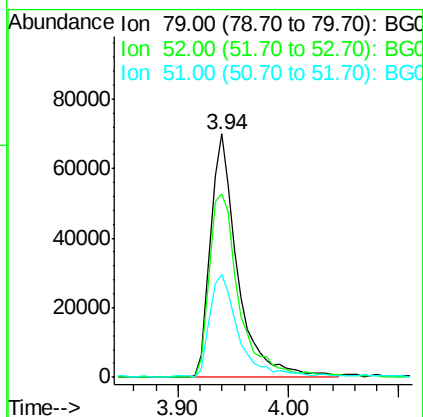
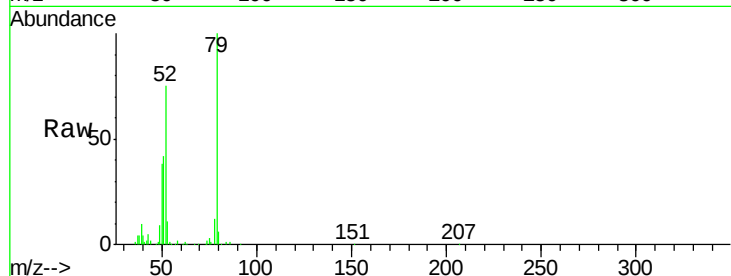
ClientSampleId :

PB119647BS

Tgt Ion:	79	Resp:	118105
Ion	Ratio	Lower	Upper
79	100		
52	75.3	67.5	101.3
51	42.2	35.6	53.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.600 ng

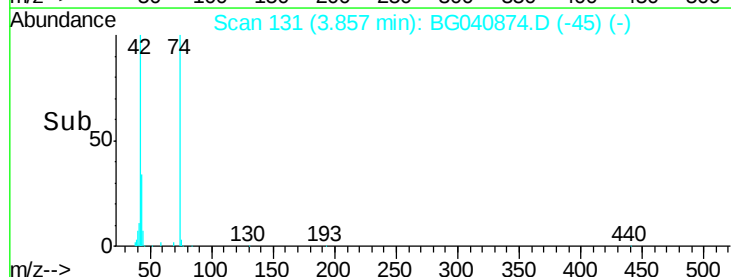
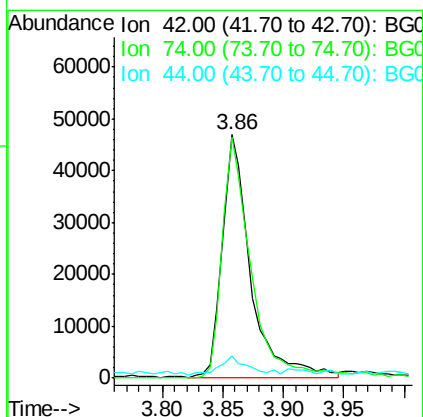
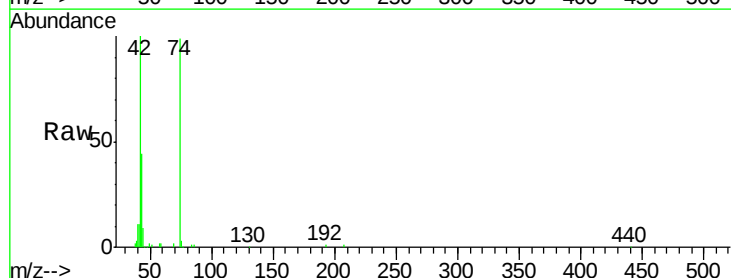
RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	42	Resp:	77031
Ion	Ratio	Lower	Upper
42	100		
74	99.0	74.6	111.8
44	9.0	7.4	11.0





#5

2-Fluorophenol

Concen: 146.154 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

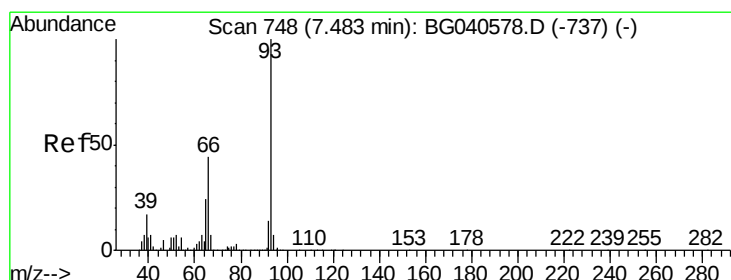
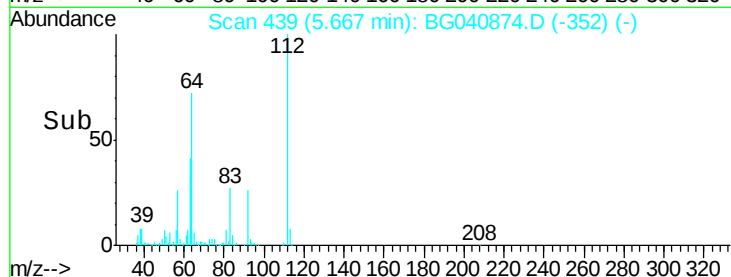
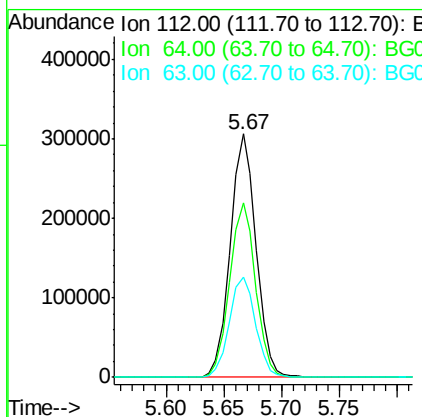
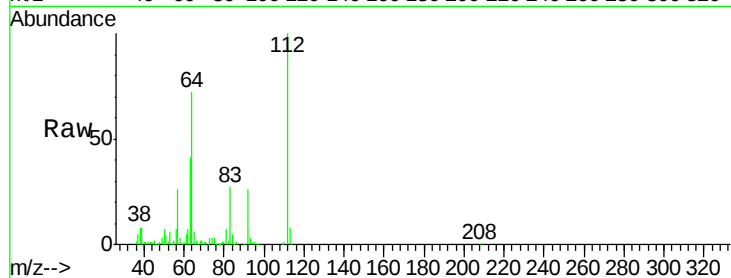
ClientSampleId :

PB119647BS

Tgt Ion:	112	Resp:	472325
Ion Ratio	Lower	Upper	
112	100		
64	71.7	61.4	92.0
63	41.2	37.8	56.6

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#6

Aniline

Concen: 29.252 ng

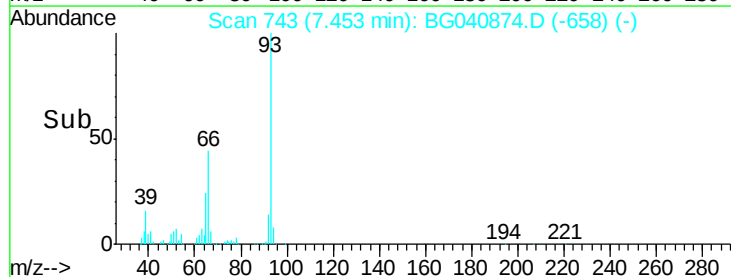
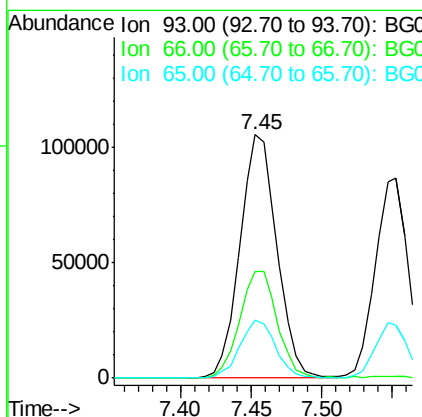
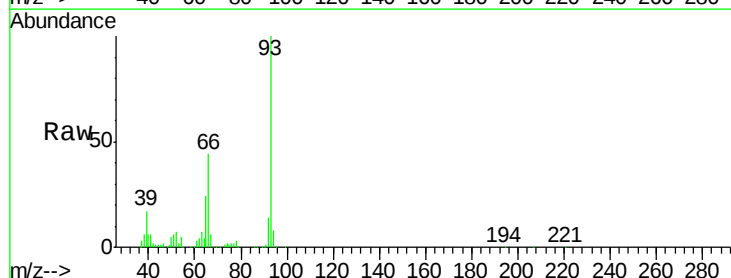
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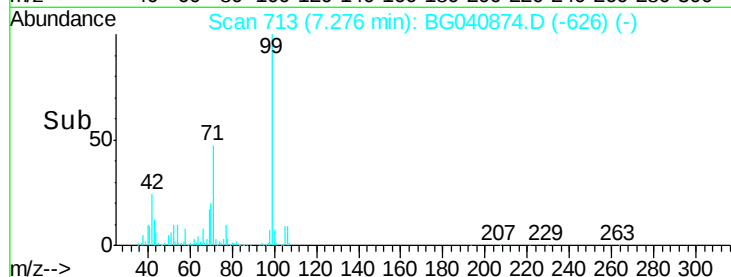
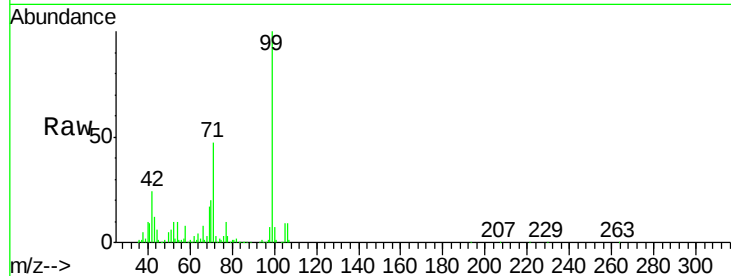
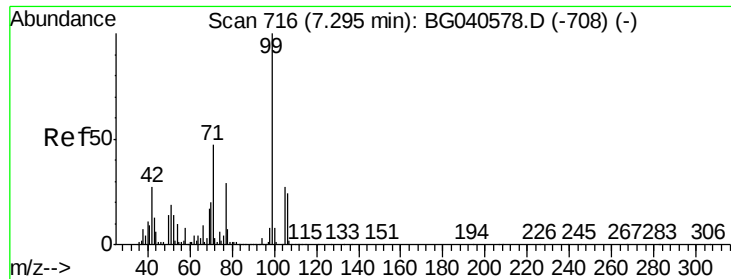
Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	93	Resp:	192924
Ion Ratio	Lower	Upper	
93	100		
66	43.9	35.5	53.3
65	24.1	19.2	28.8





#7

Phenol-d6

Concen: 135.694 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	675196		
42	24.2	21.8	32.8	
71	47.5	38.6	57.8	

Instrument :

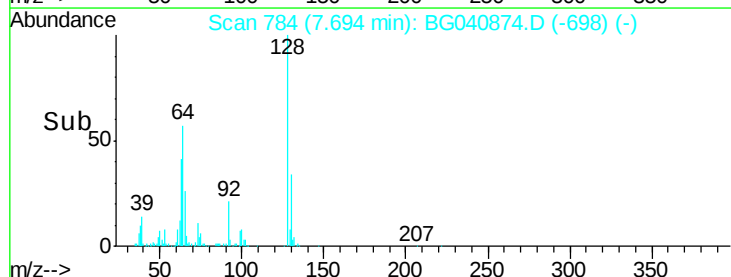
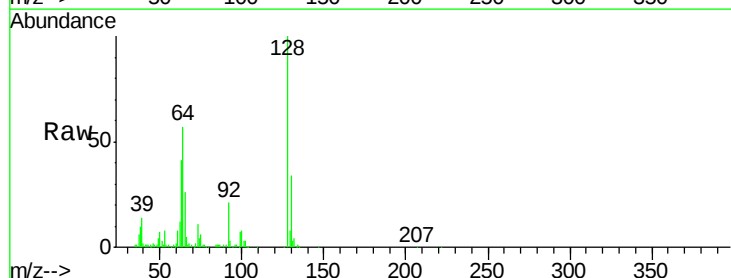
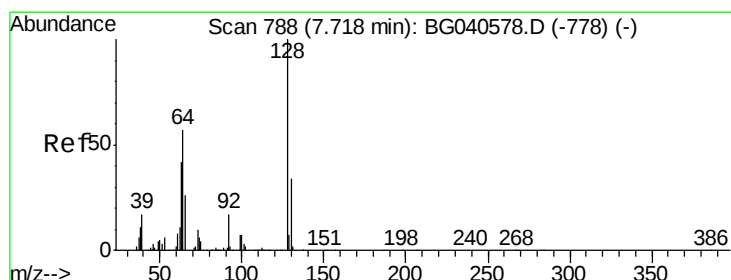
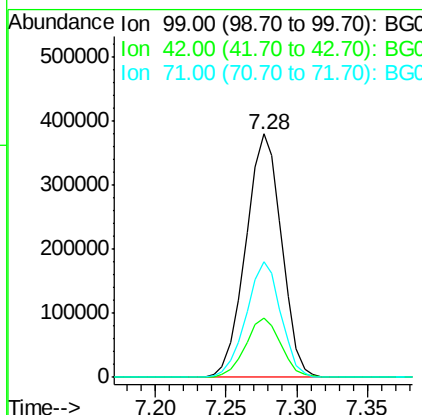
BNA_G

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#8

2-Chlorophenol

Concen: 38.636 ng

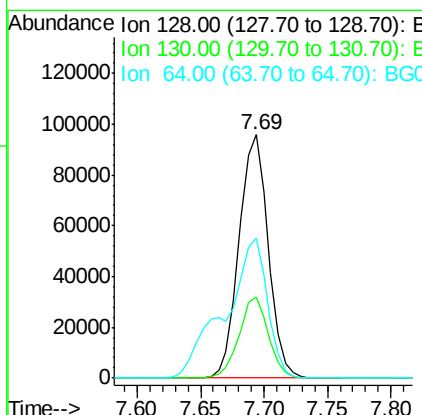
RT: 7.69 min Scan# 784

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	152459		
130	33.5	14.5	54.5	
64	57.5	38.4	78.4	





#9

Benzaldehyde

Concen: 24.227 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

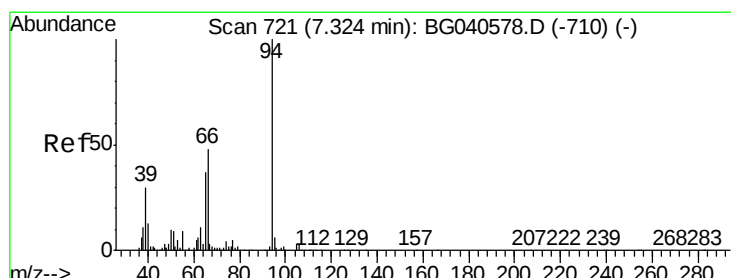
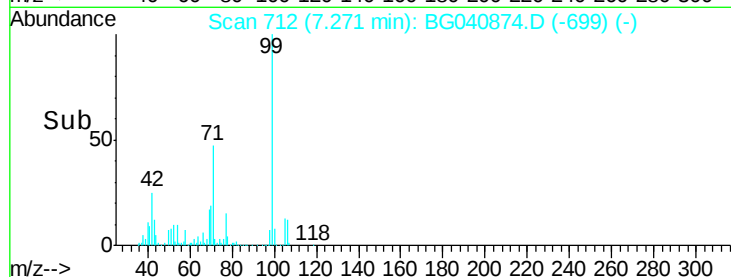
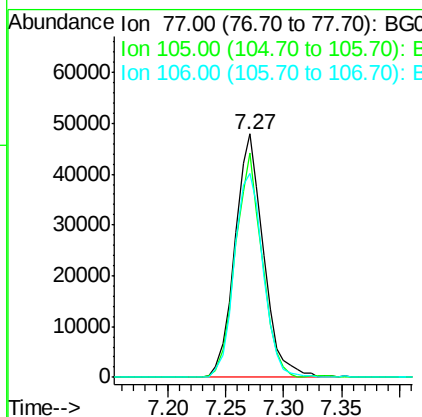
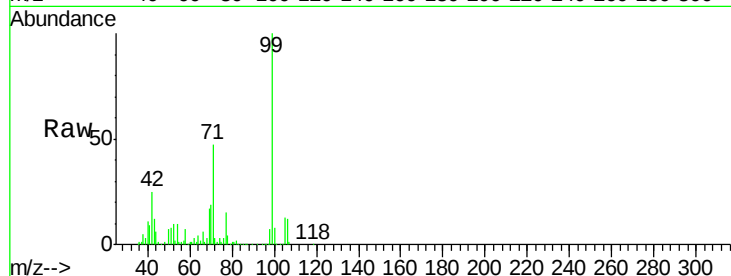
ClientSampleId :

PB119647BS

Tgt Ion:	77	Resp:	82243
Ion	Ratio	Lower	Upper
77	100		
105	92.1	72.0	112.0
106	83.8	61.2	101.2

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#10

Phenol

Concen: 39.871 ng

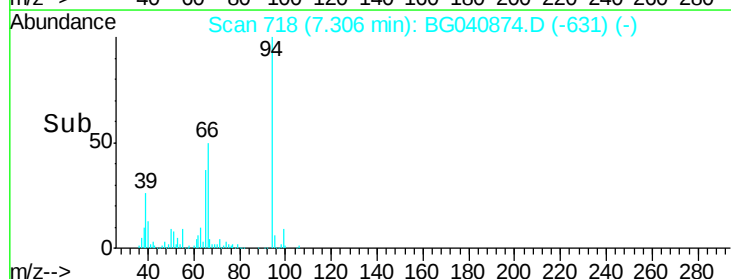
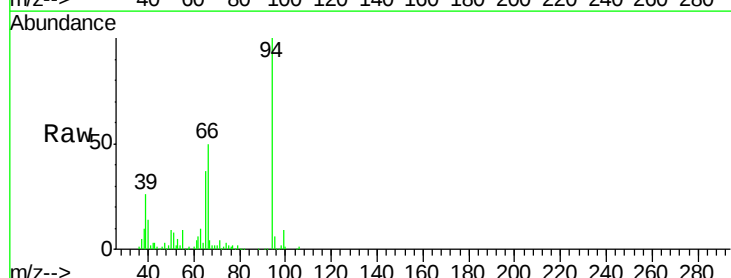
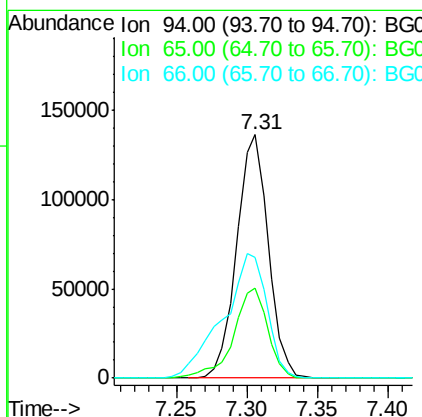
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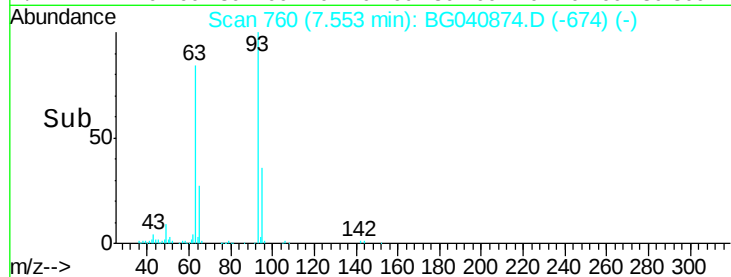
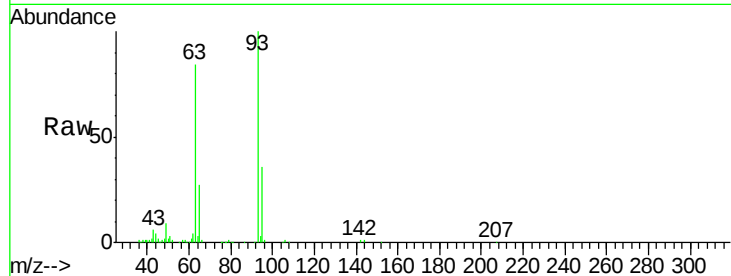
Delta R.T. -0.02 min

Lab File: BG040874.D

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Tgt Ion:	94	Resp:	213261
Ion	Ratio	Lower	Upper
94	100		
65	37.2	17.0	57.0
66	49.7	28.6	68.6





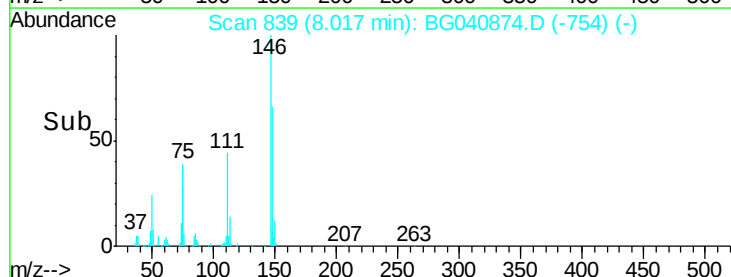
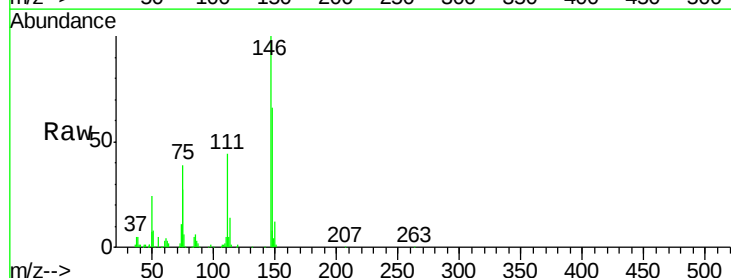
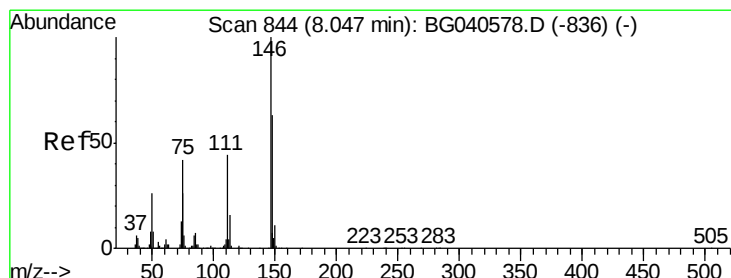
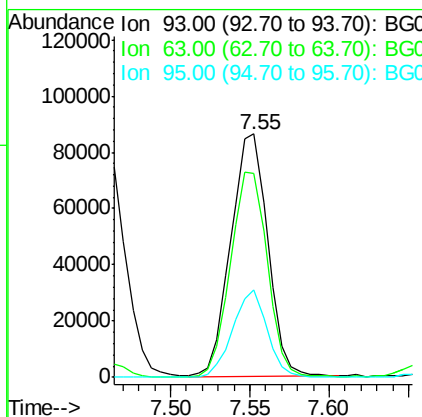
#11
bis(2-Chloroethyl)ether
Concen: 34.676 ng
RT: 7.55 min Scan# 760
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	139083		
63	83.6	68.2	108.2	
95	35.8	14.3	54.3	

Instrument :
BNA_G
ClientSampleId :
PB119647BS

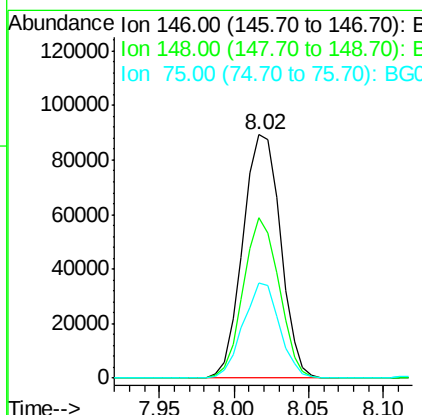
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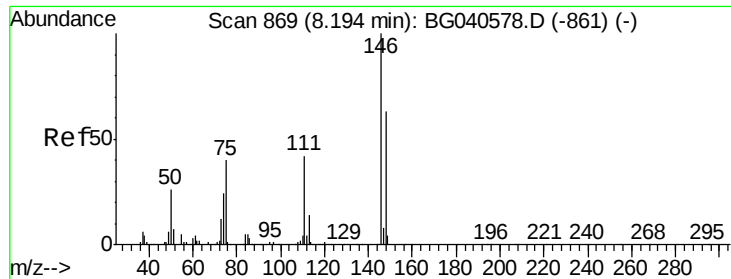
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#12
1,3-Dichlorobenzene
Concen: 36.249 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156126		
148	66.1	50.7	76.1	
75	38.9	33.4	50.2	





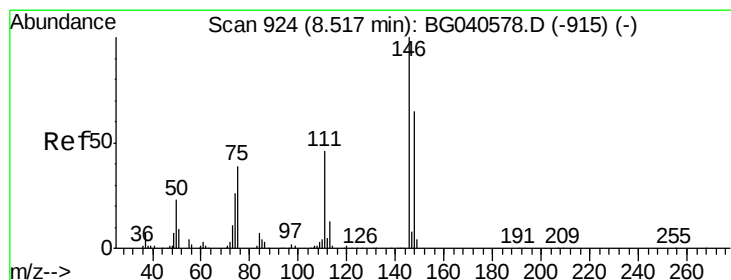
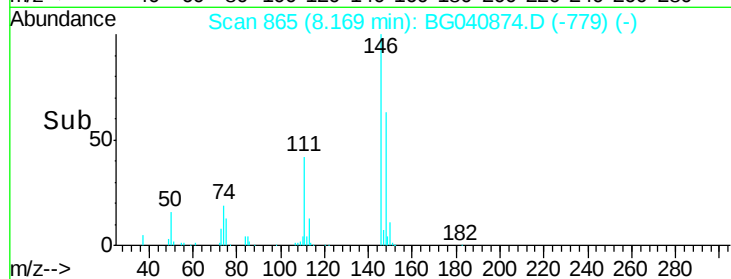
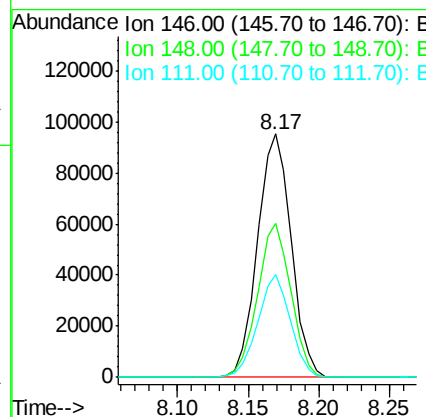
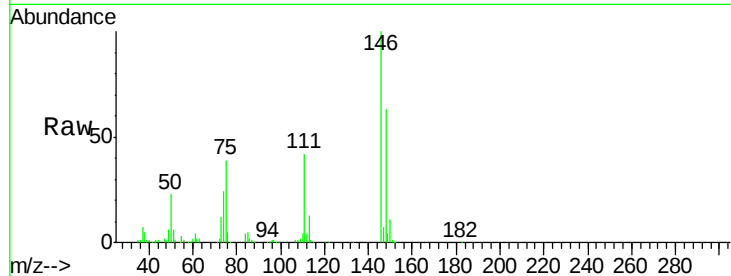
#13
 1,4-Dichlorobenzene
 Concen: 36.562 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	42.2	34.3	51.5

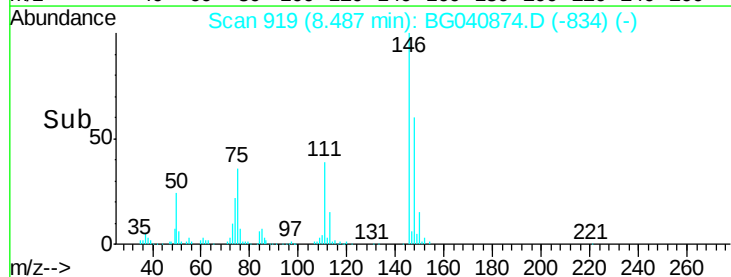
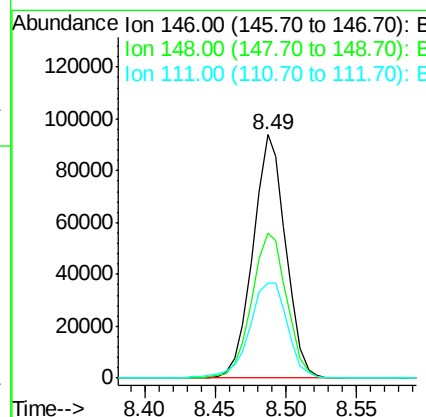
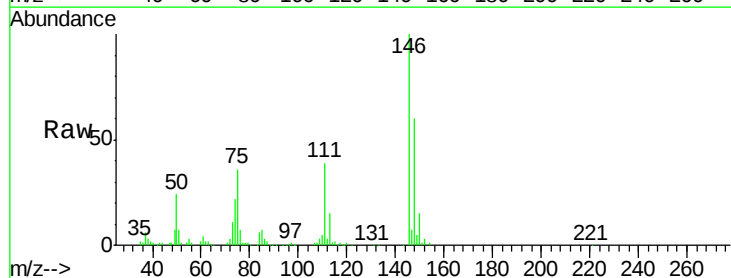
Manual Integrations
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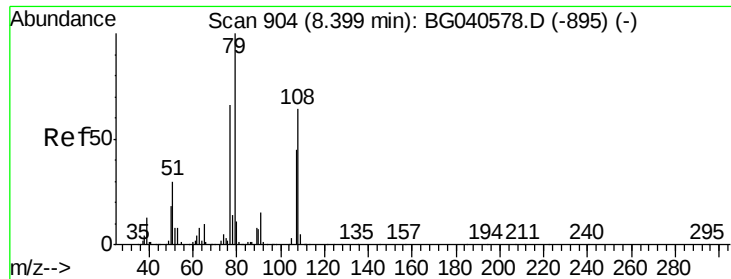
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#14
 1,2-Dichlorobenzene
 Concen: 36.244 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.5	52.2	78.4
111	39.0	37.4	56.0





#15

Benzyl Alcohol

Concen: 34.975 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

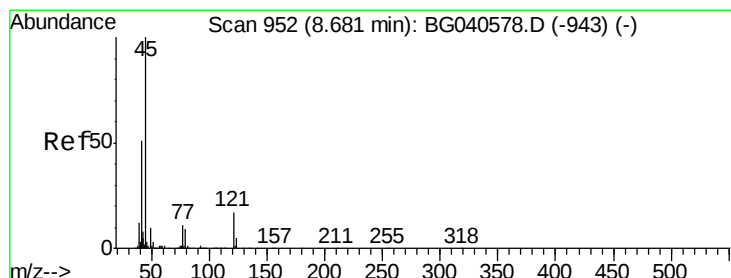
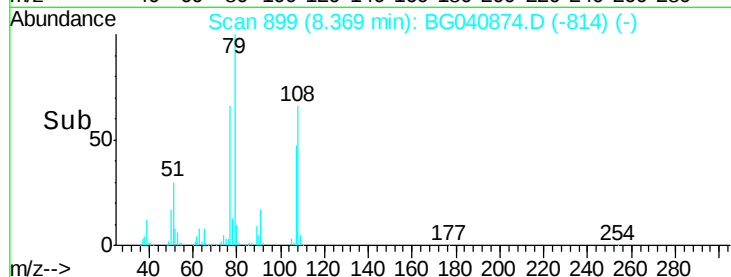
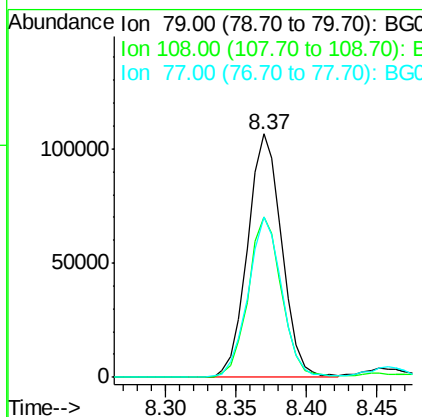
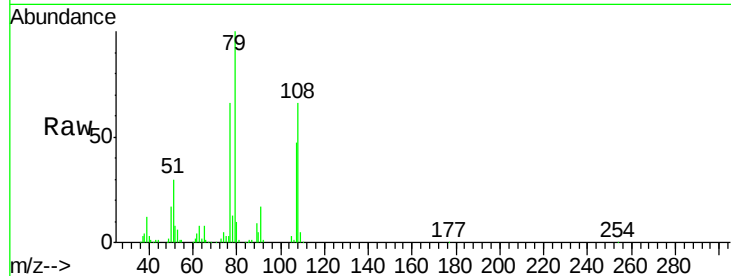
ClientSampleId :

PB119647BS

Tgt Ion:	79	Resp:	181083
Ion	Ratio	Lower	Upper
79	100		
108	66.1	51.4	77.0
77	65.7	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.972 ng

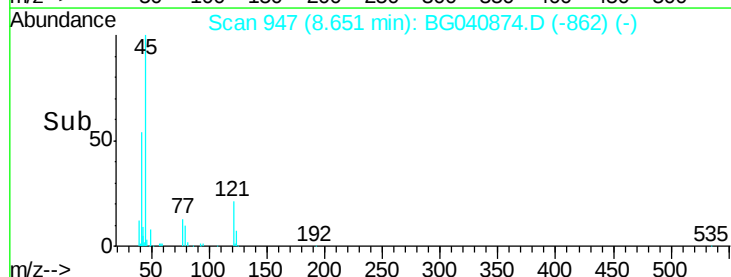
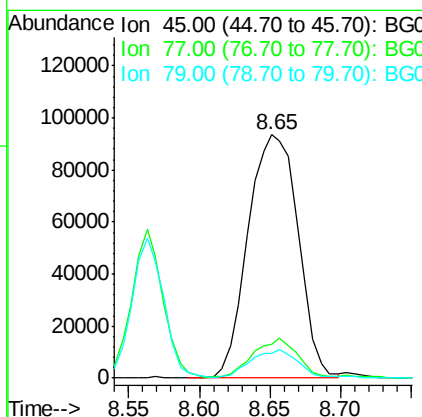
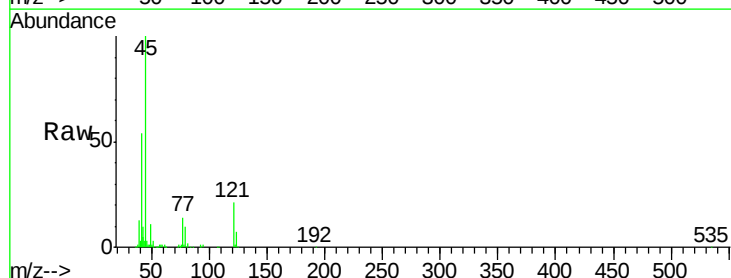
RT: 8.65 min Scan# 947

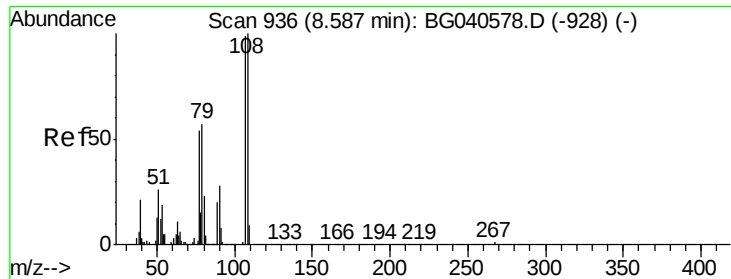
Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	45	Resp:	231356
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	31.5
79	10.1	0.0	29.4





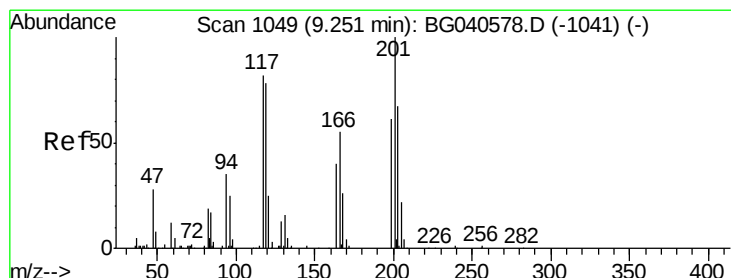
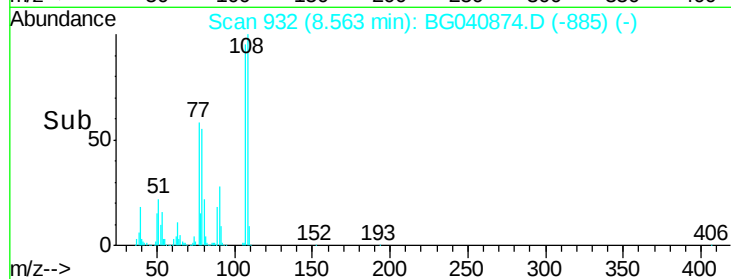
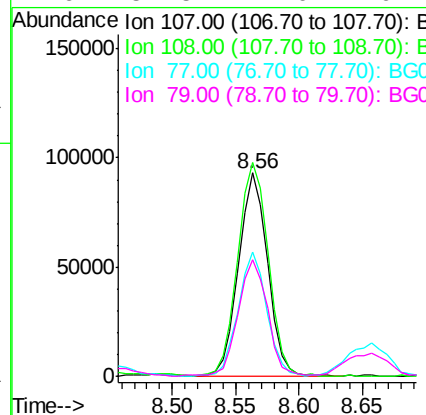
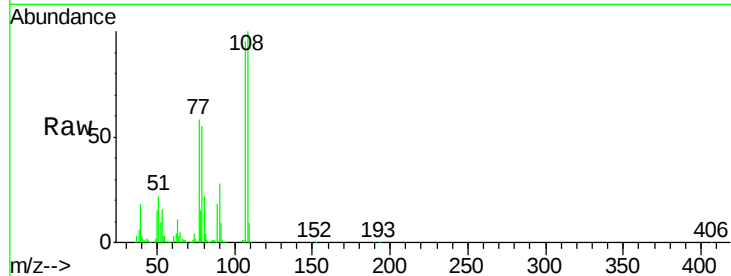
#17
2-Methylphenol
Concen: 38.777 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.1	81.2	121.8	
77	61.3	44.4	66.6	
79	57.5	47.0	70.4	

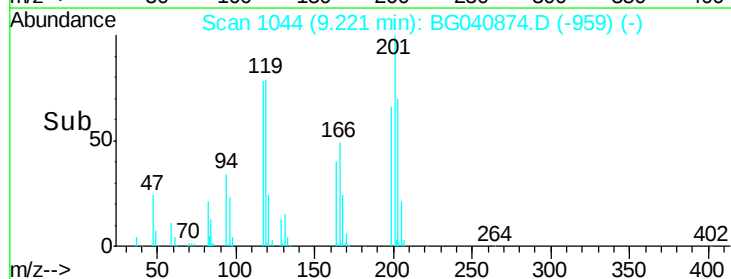
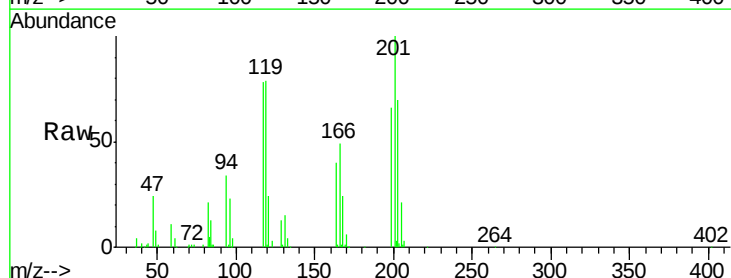
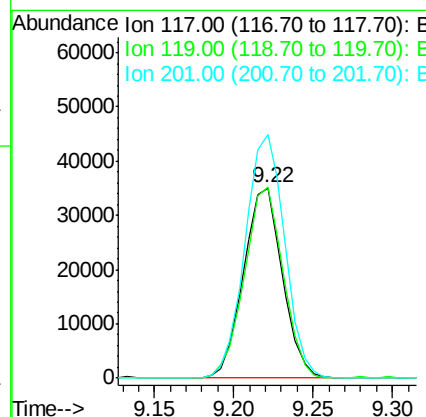
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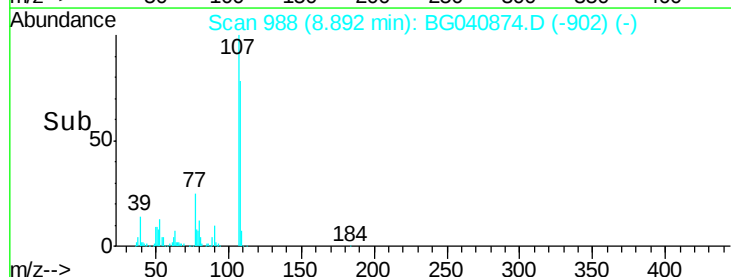
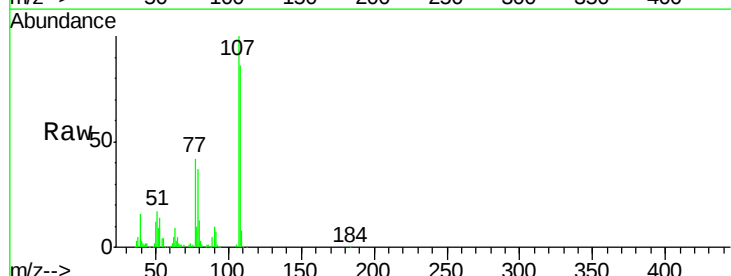
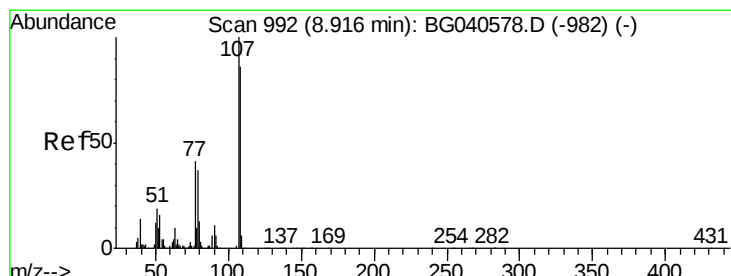
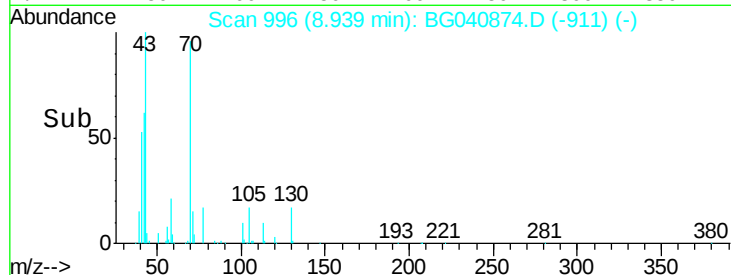
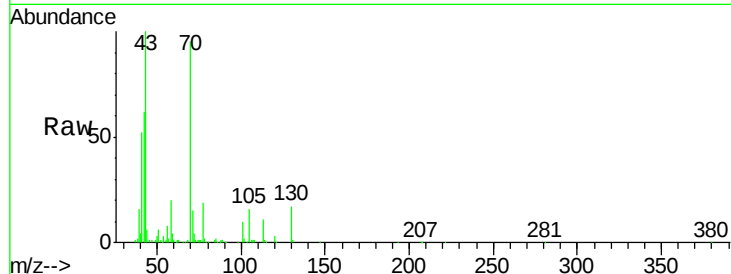
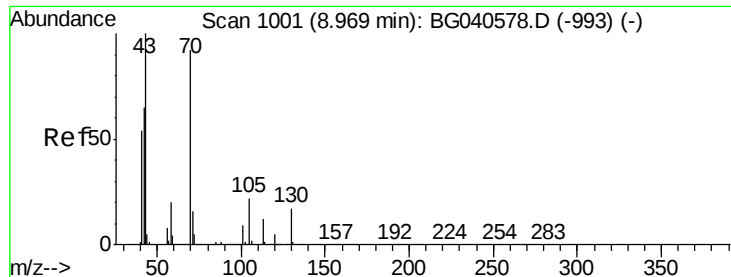
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#18
Hexachloroethane
Concen: 33.286 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

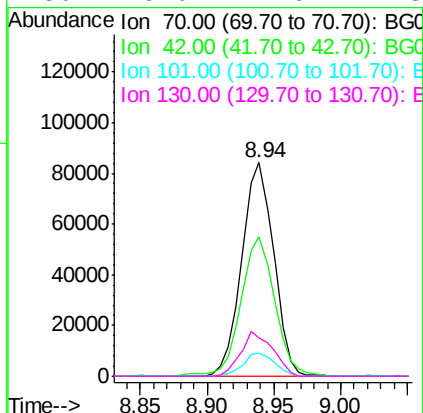
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	76.6	114.8	
201	131.8	101.0	151.6	





#19
n-Nitroso-di-n-propylamine
Concen: 31.223 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.6	57.1	85.7
101	10.9	7.8	11.8
130	18.0	14.6	21.8



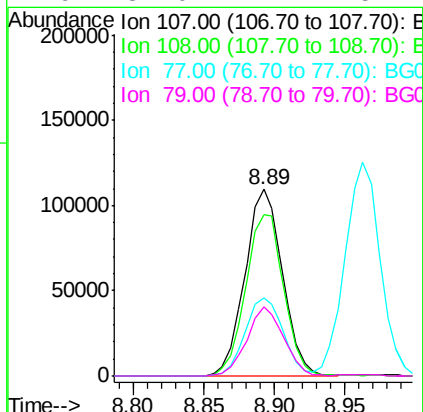
Instrument :
BNA_G
ClientSampleId :
PB119647BS

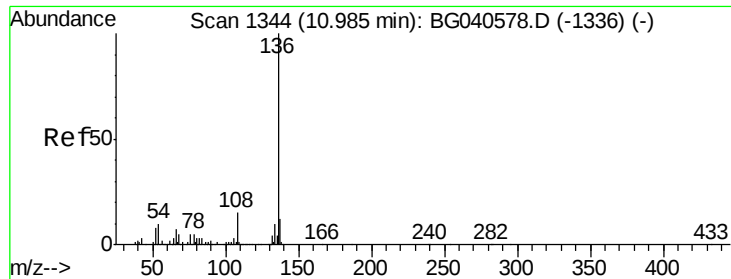
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#20
3+4-Methylphenols
Concen: 38.648 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	66.1	106.1
77	41.7	21.6	61.6
79	37.0	17.4	57.4





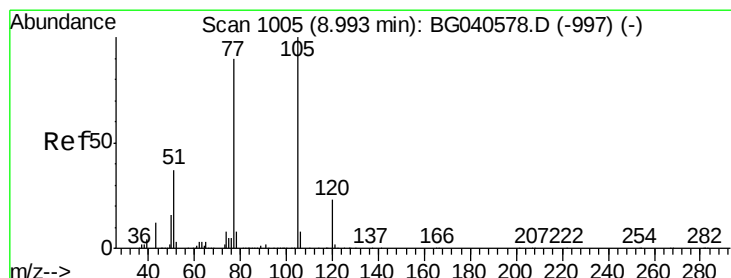
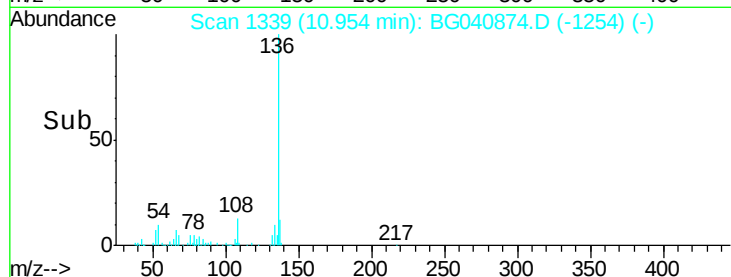
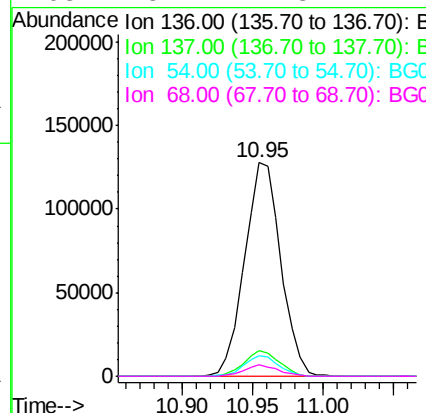
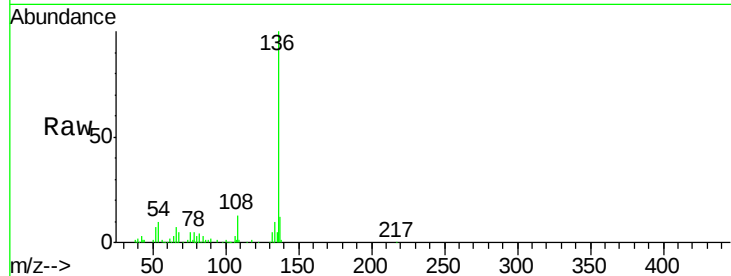
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	229301		
137	11.9	9.7	14.5	
54	9.7	8.6	12.8	
68	5.4	4.8	7.2	

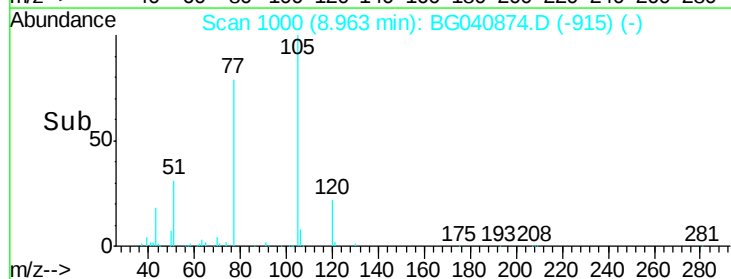
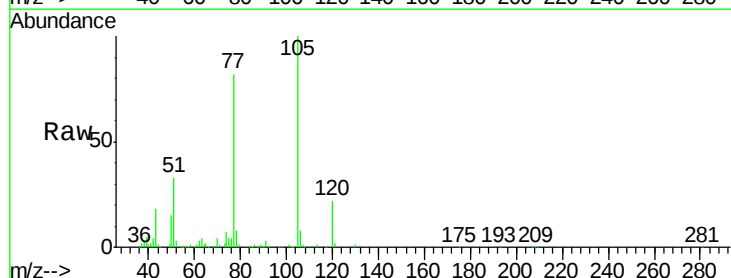
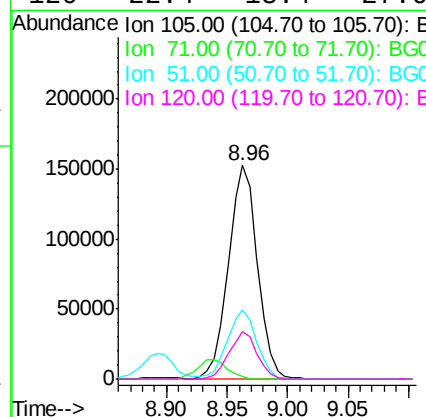
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#22
Acetophenone
Concen: 39.755 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253489		
71	0.9	1.8	2.8#	
51	32.5	29.8	44.8	
120	22.4	18.4	27.6	





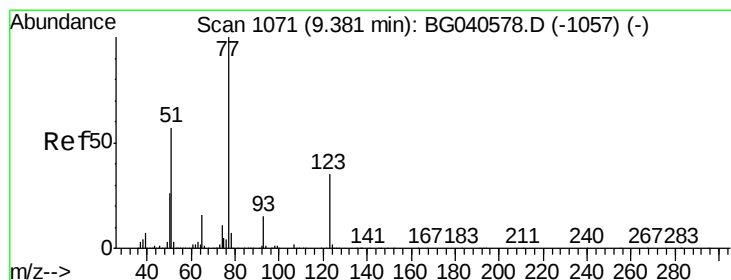
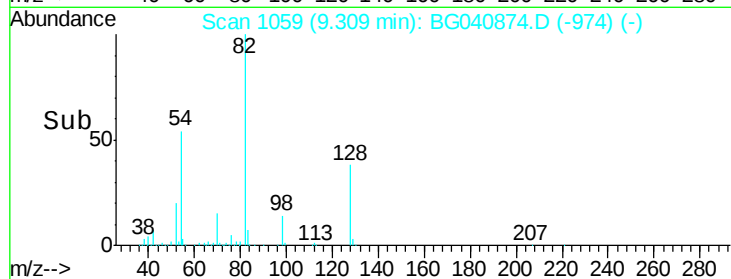
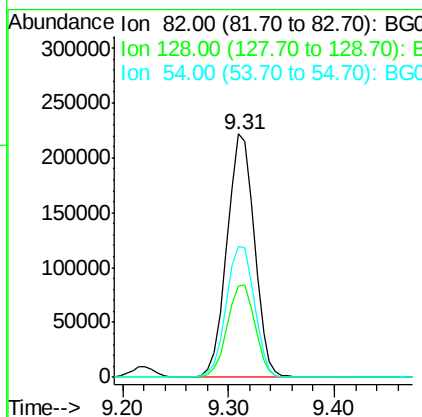
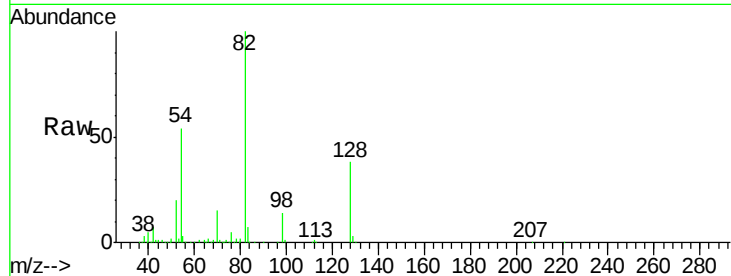
#23
 Nitrobenzene-d5
 Concen: 80.304 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.7	28.9	43.3
54	54.1	47.2	70.8

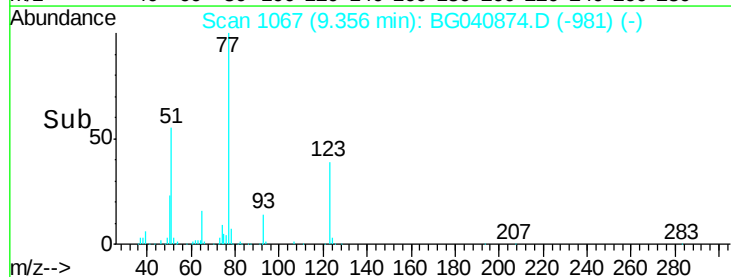
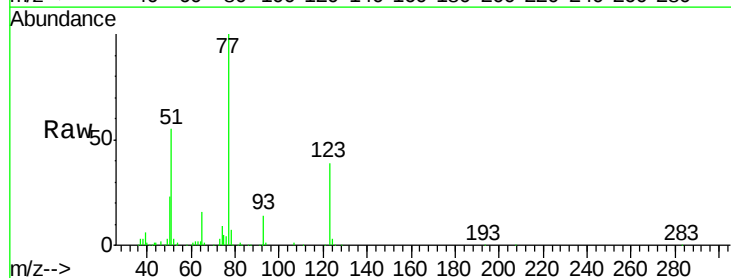
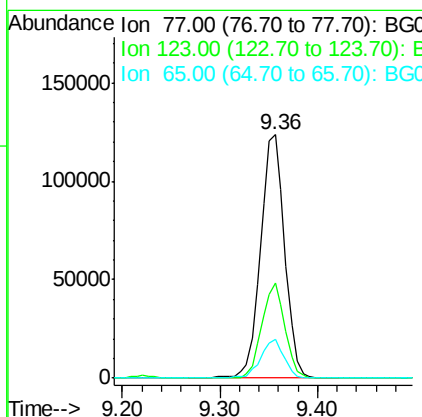
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#24
 Nitrobenzene
 Concen: 40.419 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	38.9	27.8	41.6
65	16.1	12.4	18.6





#25

Isophorone

Concen: 36.770 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

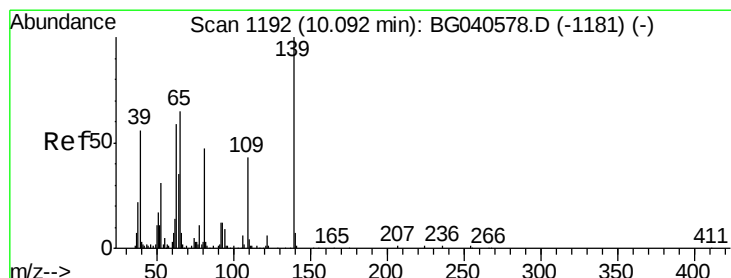
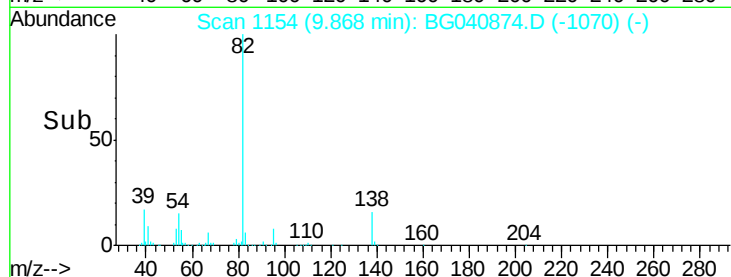
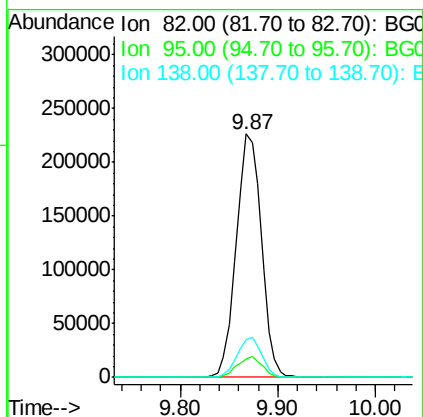
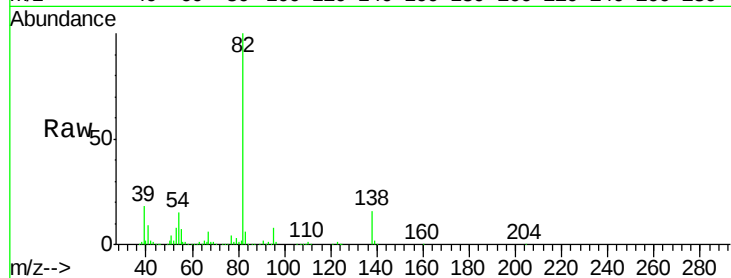
ClientSampleId :

PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	406457		
95	7.5	6.9	10.3	
138	15.6	12.3	18.5	

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.195 ng

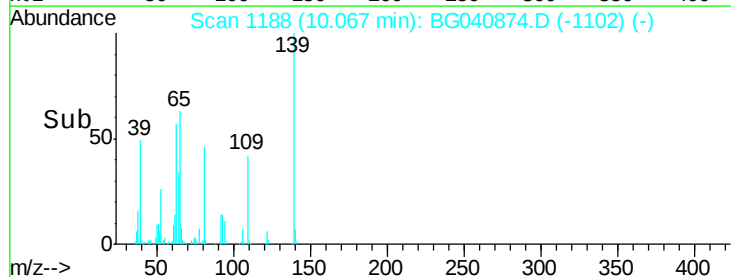
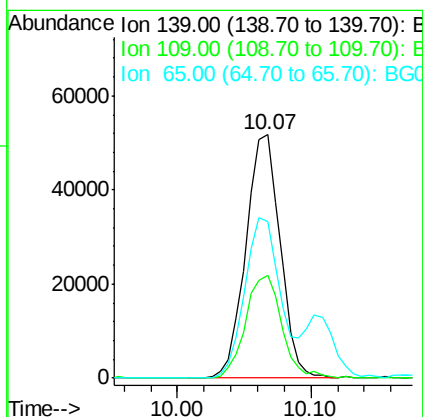
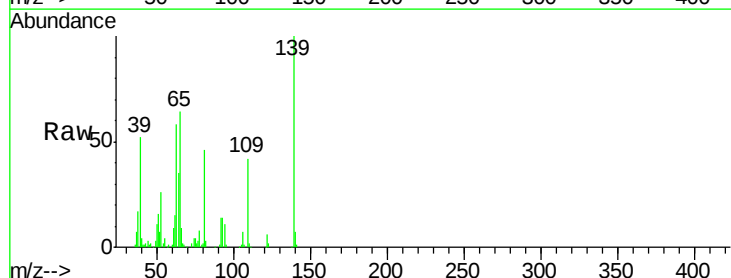
RT: 10.07 min Scan# 1188

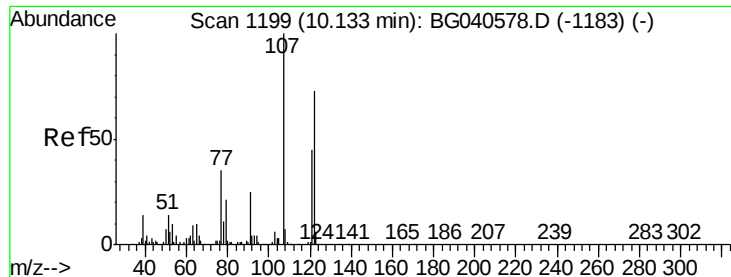
Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	91471		
109	42.2	35.6	53.4	
65	64.2	52.3	78.5	





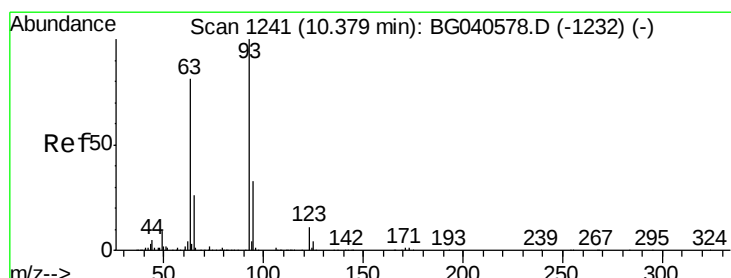
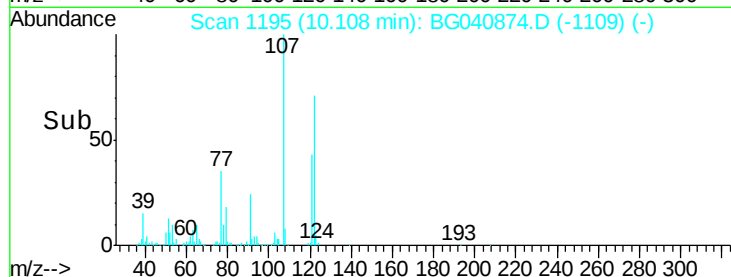
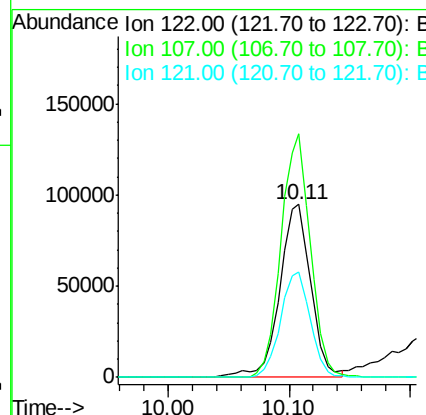
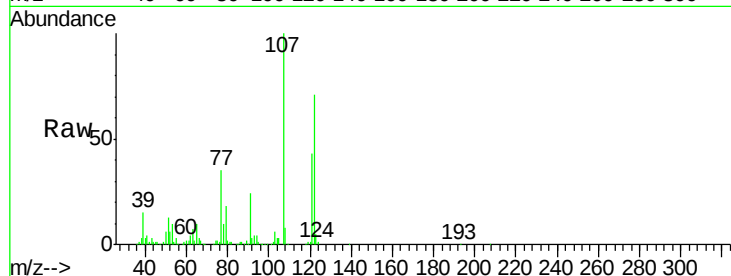
#27
2,4-Dimethylphenol
Concen: 47.374 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	168701		
107	140.6	110.1	165.1	
121	60.5	49.4	74.0	

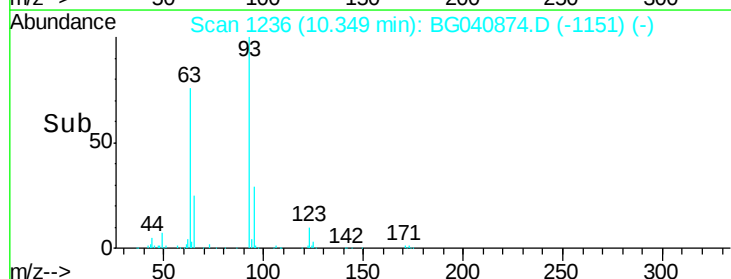
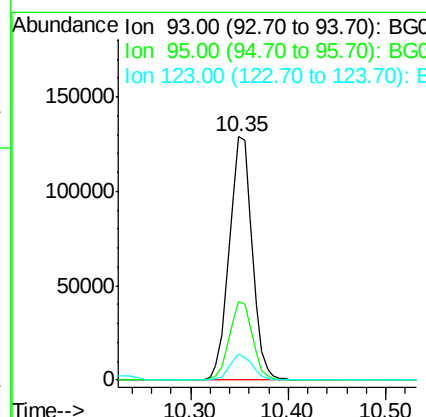
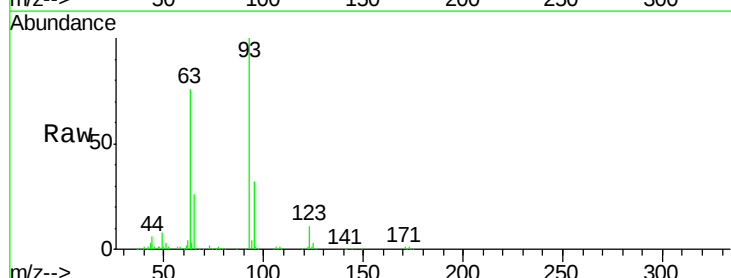
Manual Integrations
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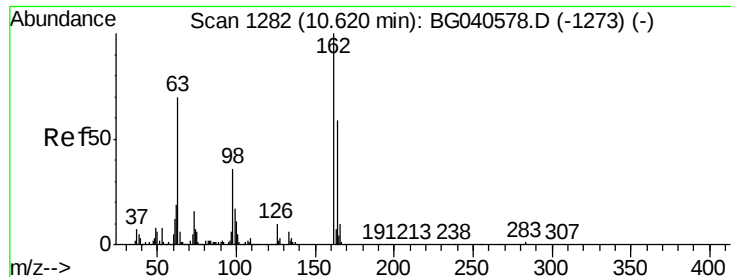
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.840 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209864		
95	32.1	26.6	40.0	
123	10.8	9.0	13.4	





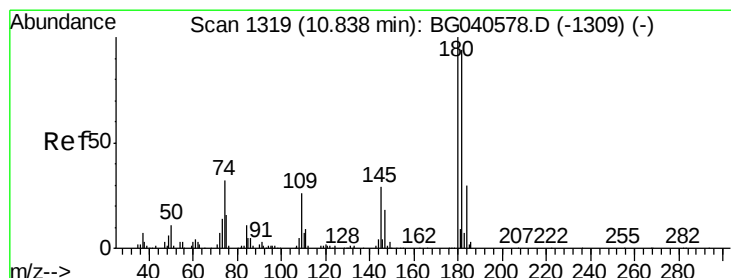
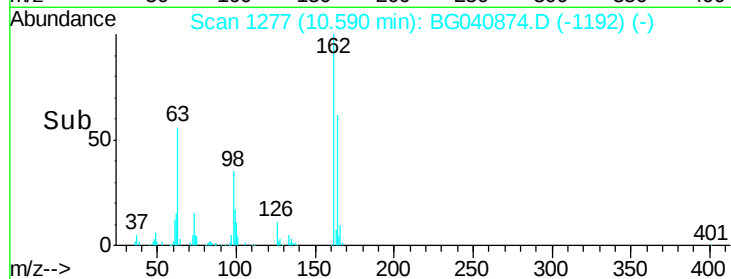
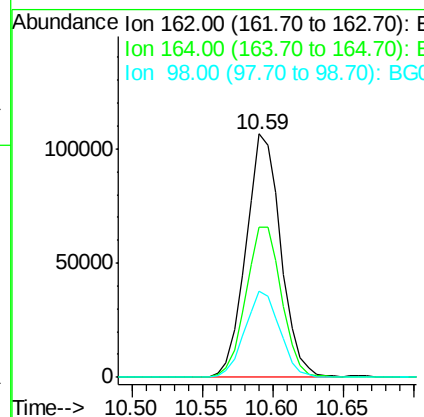
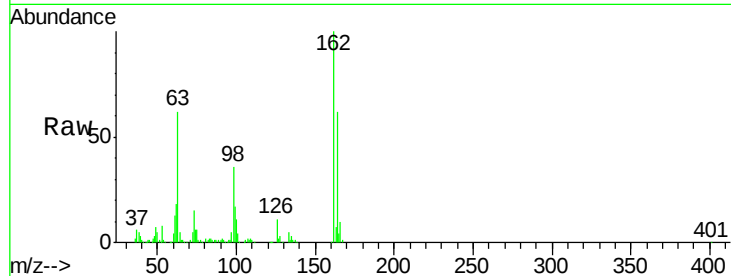
#29
2,4-Dichlorophenol
Concen: 45.578 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampled :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	184519		
164	61.9	38.9	78.9	
98	35.6	16.8	56.8	

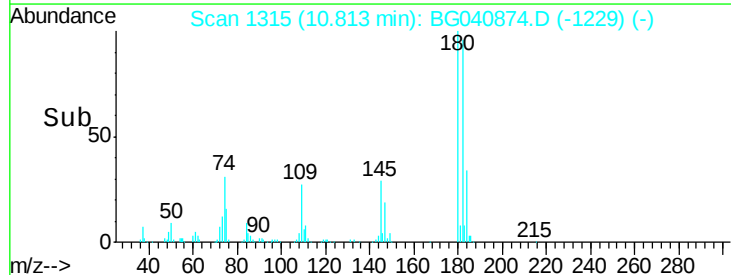
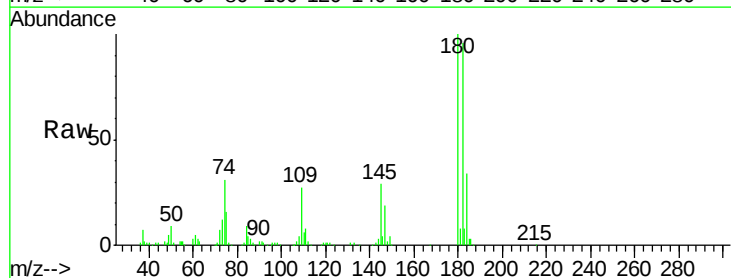
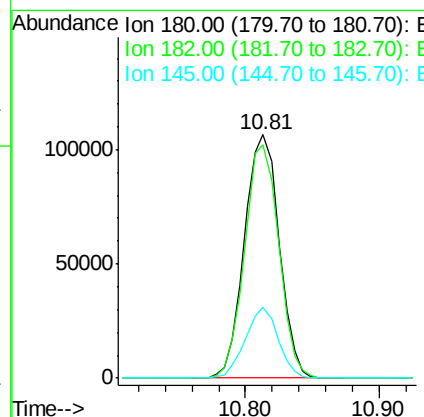
Manual Integrations
APPROVED

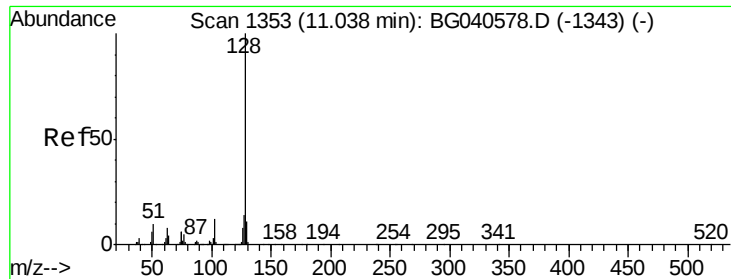
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.633 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191403		
182	95.7	75.2	112.8	
145	29.2	23.6	35.4	





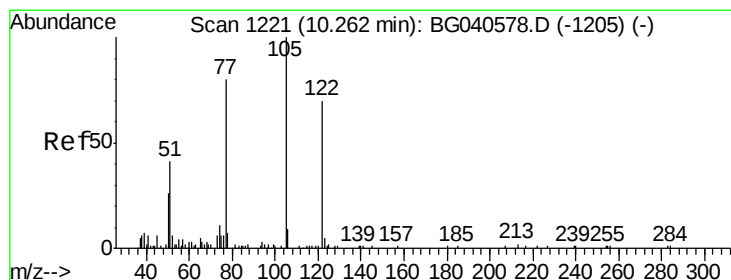
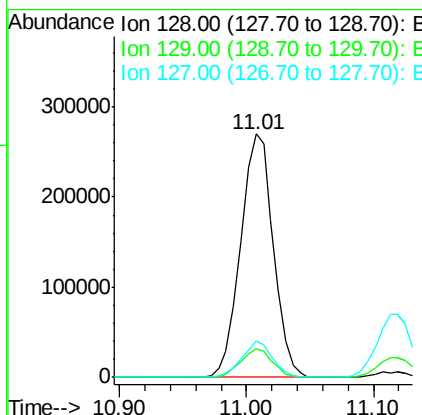
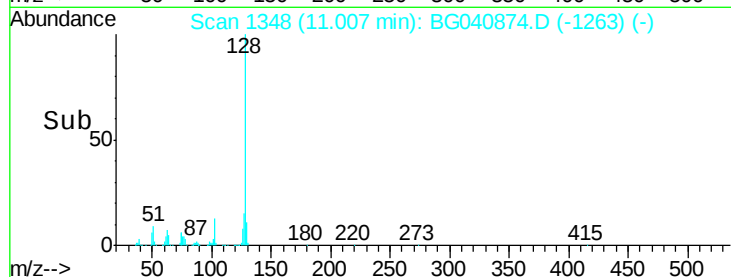
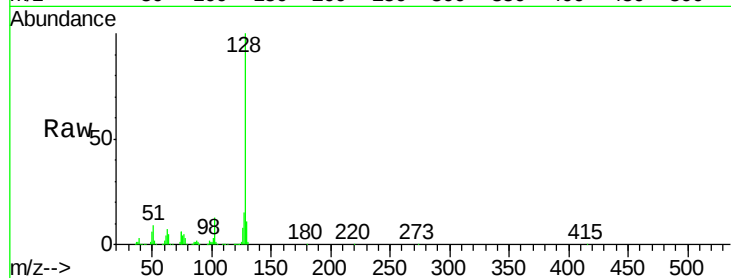
#31
Naphthalene
Concen: 39.523 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	9.0	13.6
127	15.0	11.3	16.9

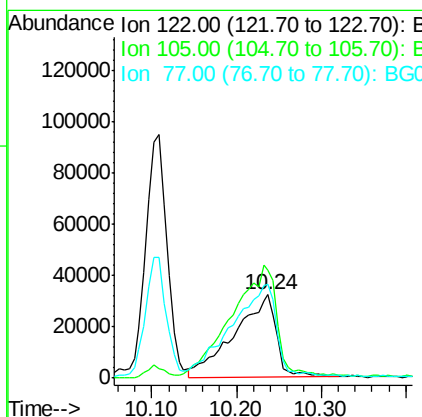
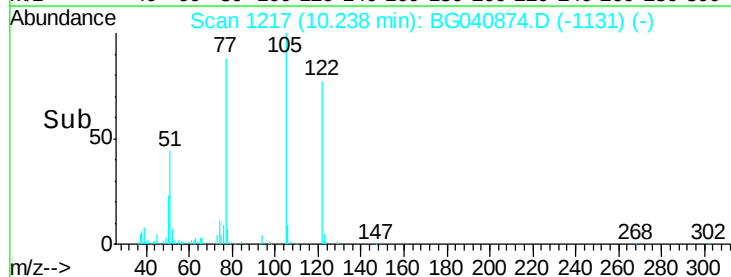
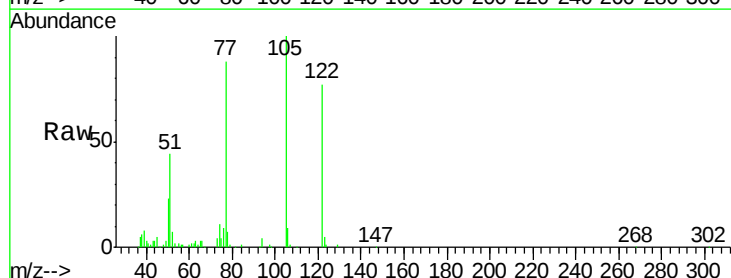
Manual Integrations
APPROVED

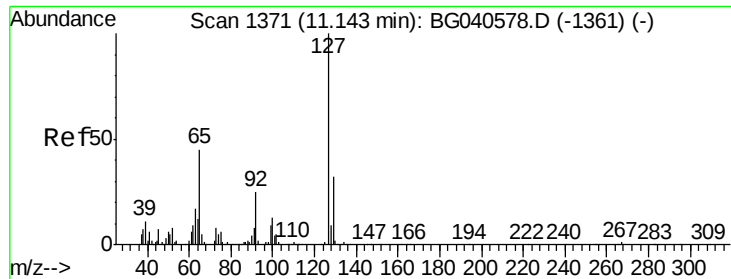
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#32
Benzoic acid
Concen: 45.683 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	129.3	110.9	150.9
77	113.2	87.6	127.6





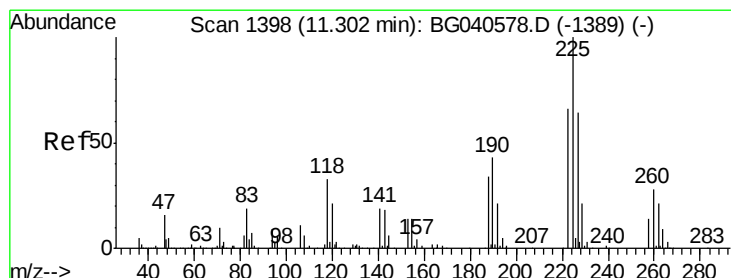
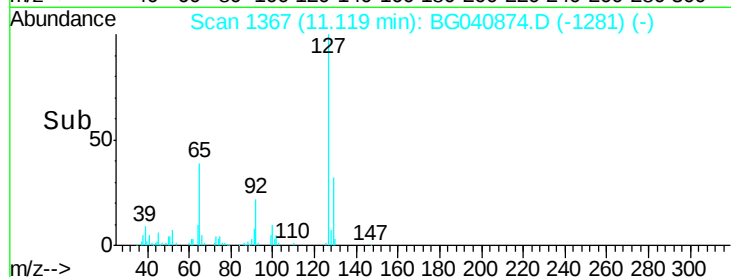
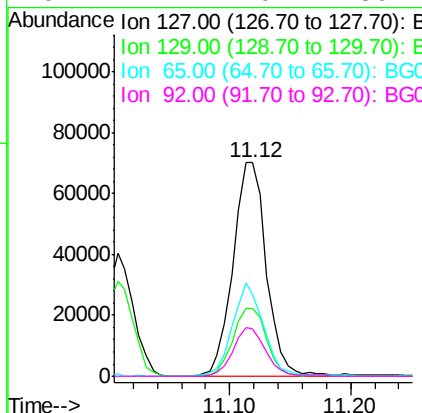
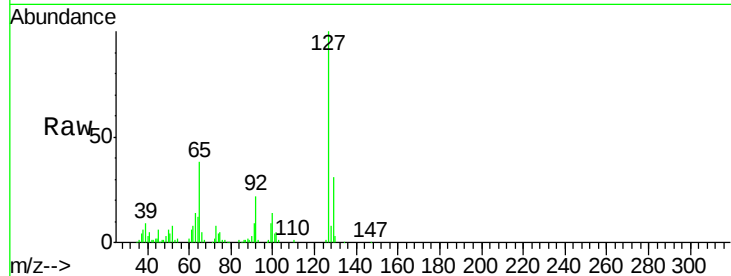
#33
4-Chloroaniline
Concen: 24.980 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	134921		
129	31.5	25.7	38.5	
65	38.5	36.1	54.1	
92	22.1	20.1	30.1	

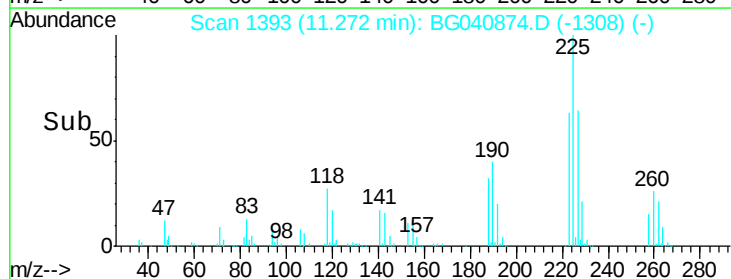
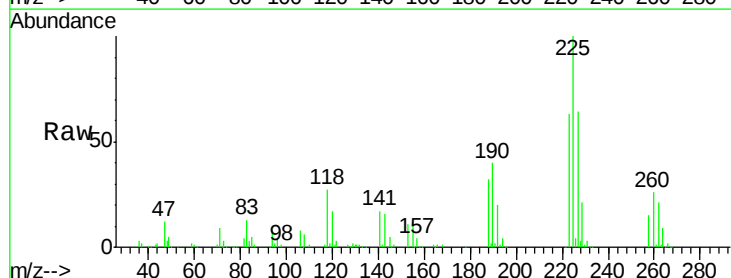
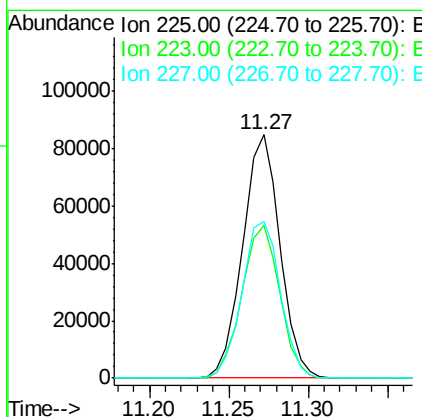
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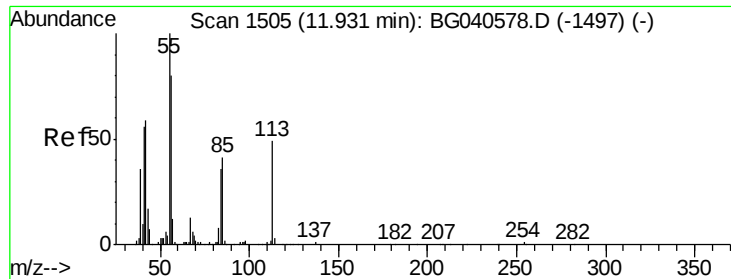
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#34
Hexachlorobutadiene
Concen: 41.730 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138311		
223	62.5	50.4	75.6	
227	64.2	51.0	76.6	





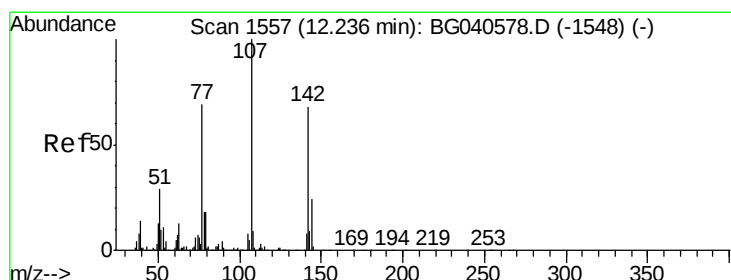
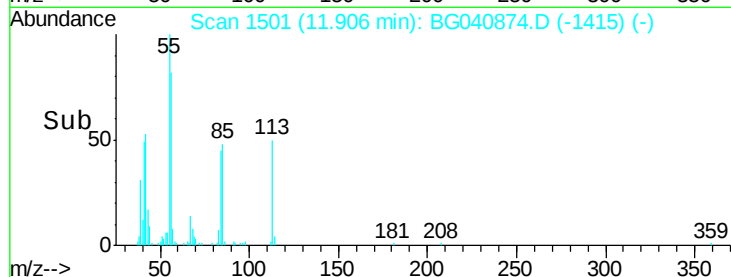
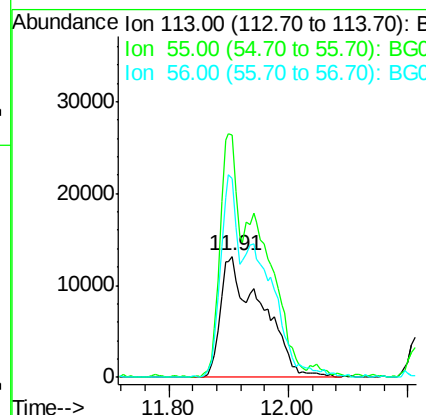
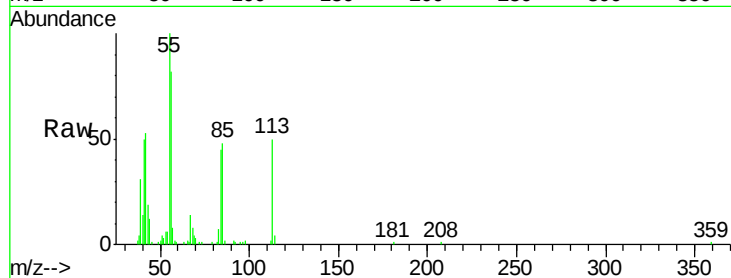
#35
 Caprolactam
 Concen: 39.060 ng m
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	200.3	198.6	238.6
56	163.5	148.4	188.4

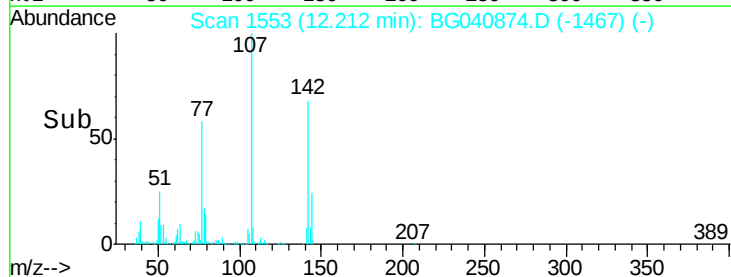
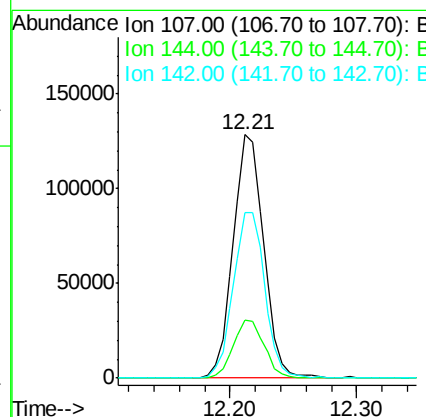
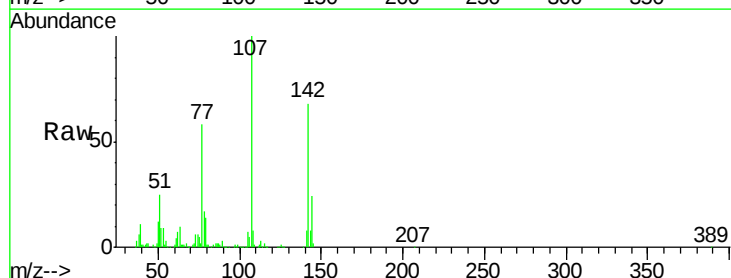
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#36
 4-Chloro-3-methylphenol
 Concen: 41.912 ng
 RT: 12.21 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.3	28.9
142	68.0	54.6	81.8





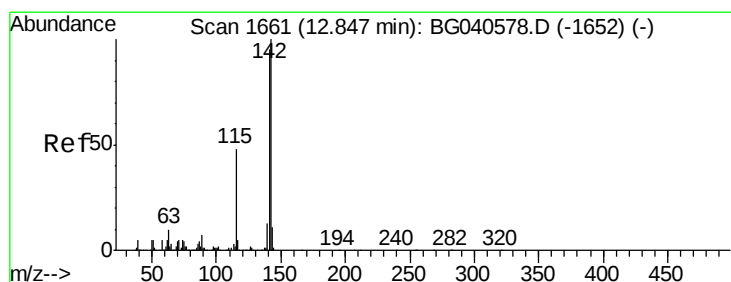
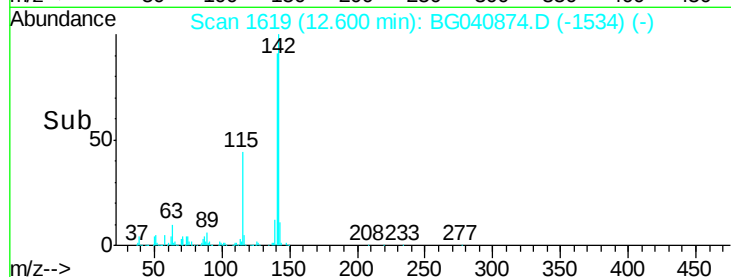
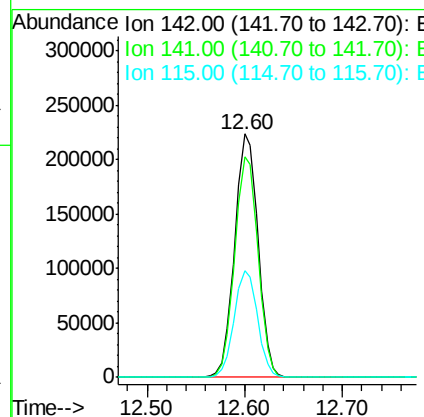
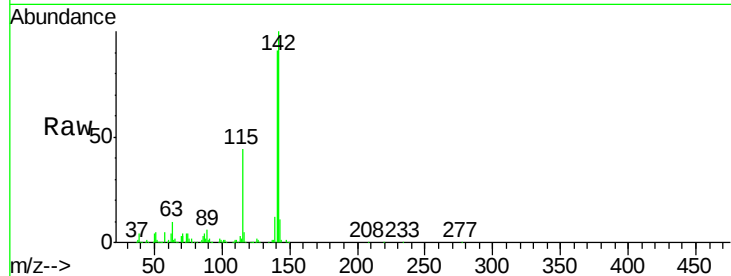
#37
2-Methylnaphthalene
Concen: 40.917 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.4	110.2
115	43.9	36.2	54.4

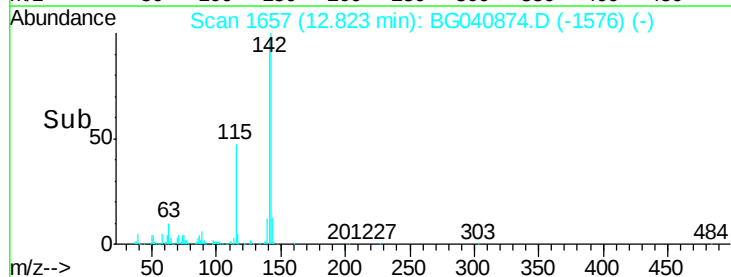
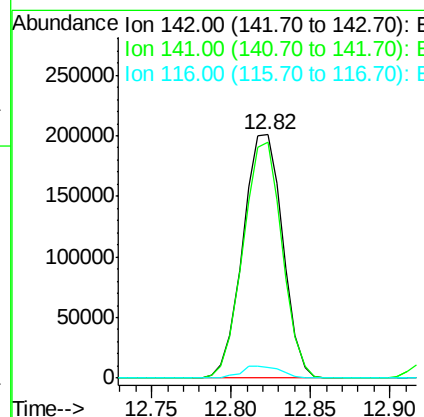
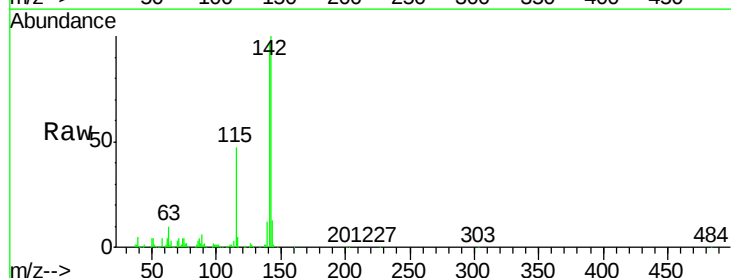
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#38
1-Methylnaphthalene
Concen: 39.356 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.9	113.9
116	4.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

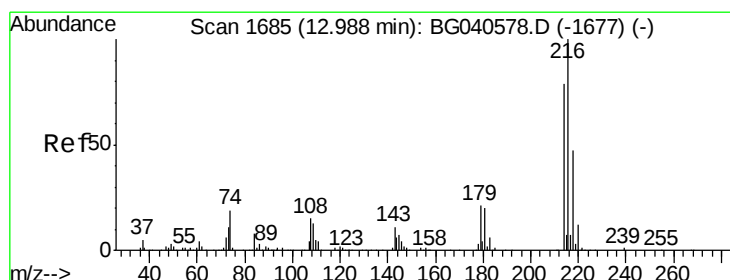
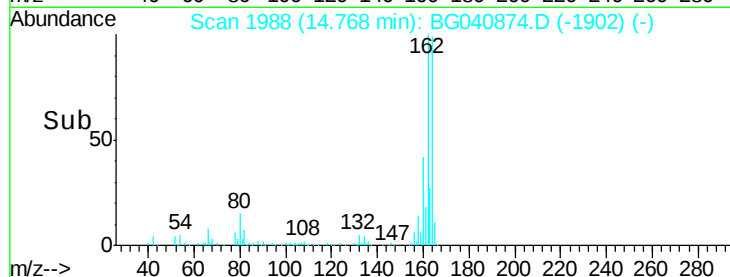
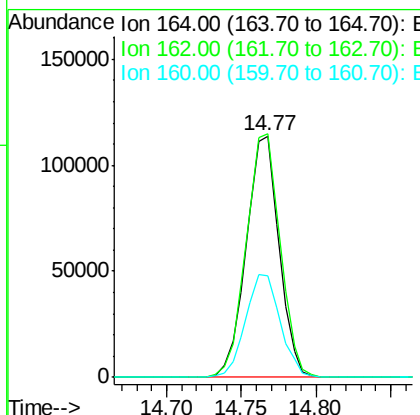
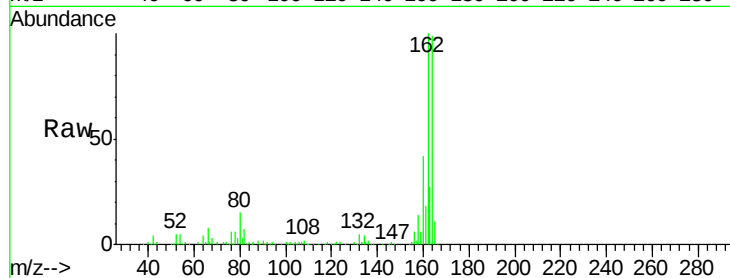
ClientSampleId :

PB119647BS

Tgt Ion:	164	Resp:	172219
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.9	122.9
160	41.9	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.548 ng

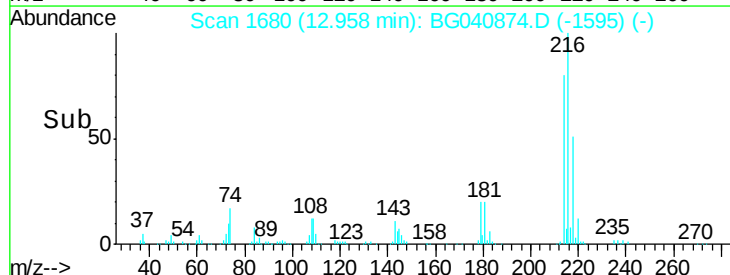
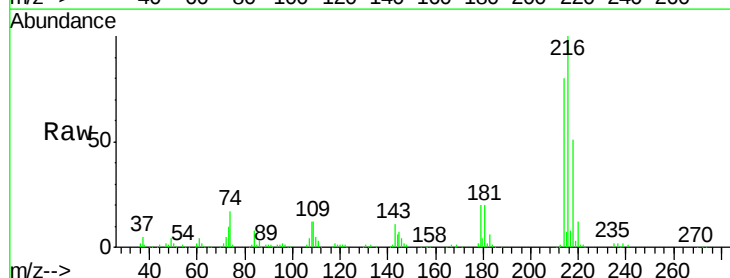
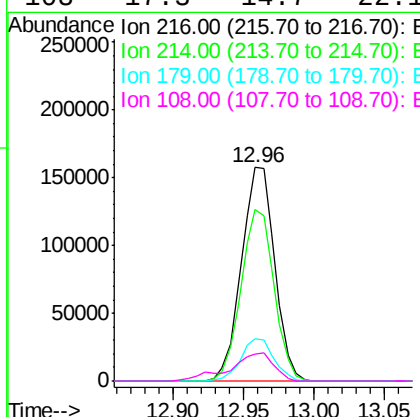
RT: 12.96 min Scan# 1680

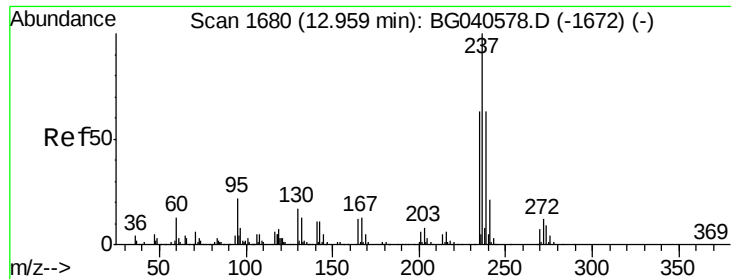
Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	216	Resp:	260138
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.7	95.5
179	19.7	16.6	24.8
108	17.3	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 87.440 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

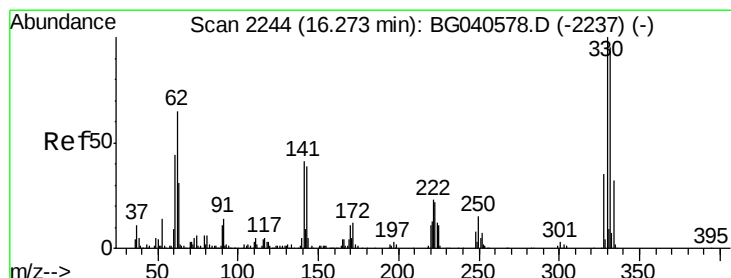
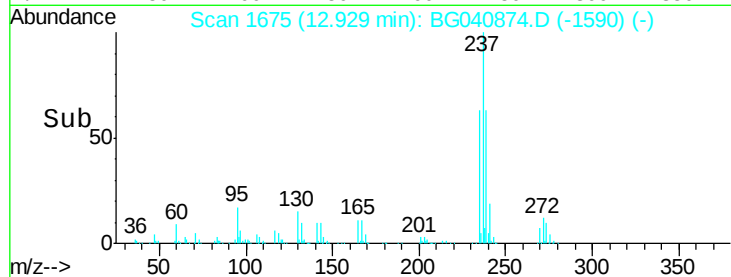
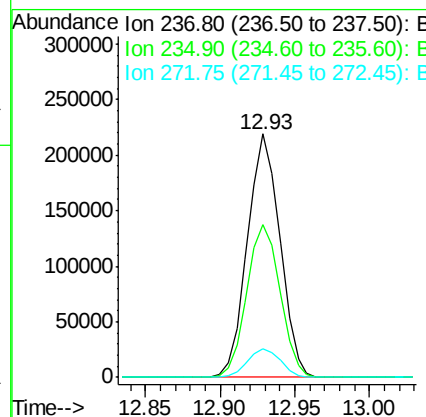
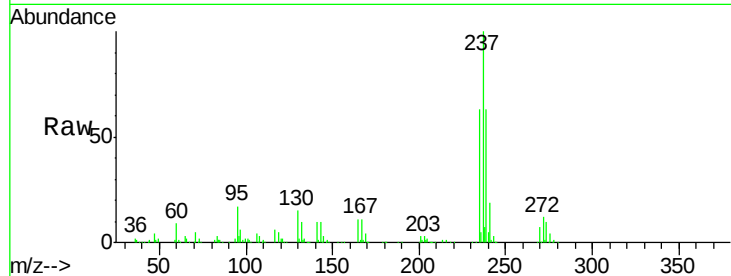
ClientSampleId :

PB119647BS

Tgt Ion:	237	Resp:	331025
Ion Ratio		Lower	Upper
237	100		
235	62.7	42.5	82.5
272	11.6	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 157.447 ng

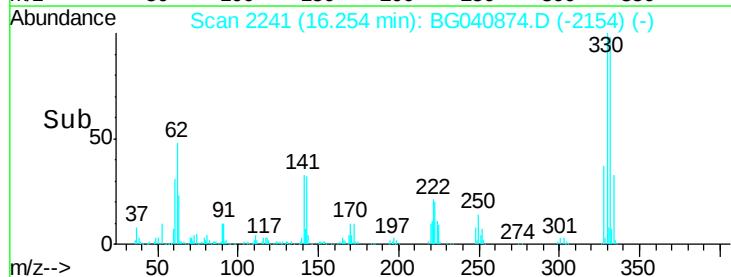
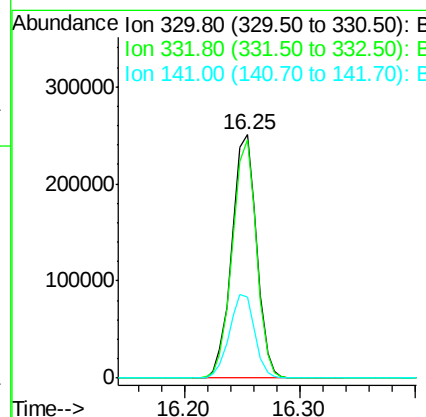
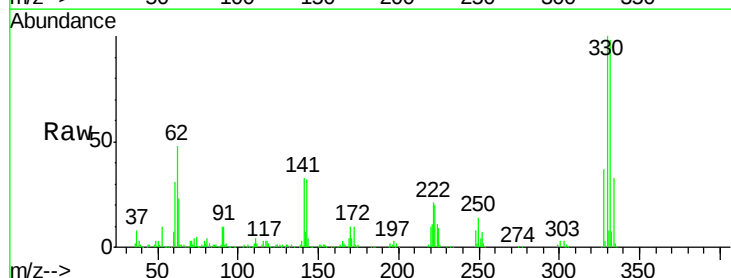
RT: 16.25 min Scan# 2241

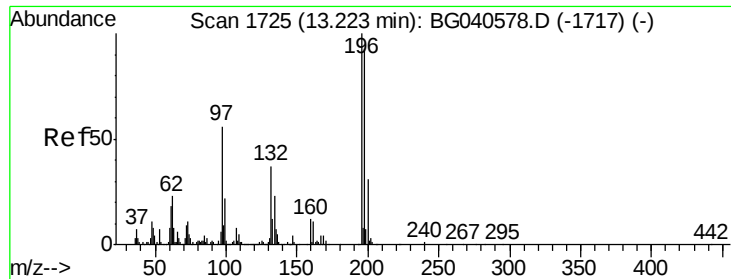
Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	330	Resp:	372707
Ion Ratio		Lower	Upper
330	100		
332	95.4	75.9	113.9
141	35.0	32.4	48.6





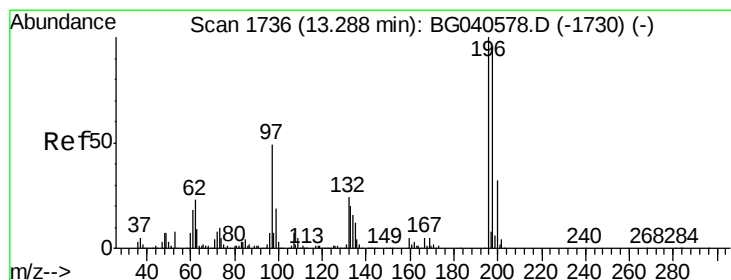
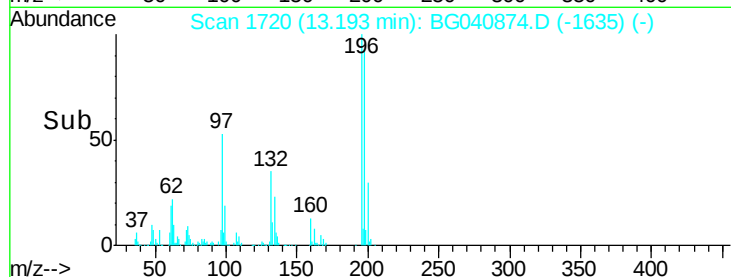
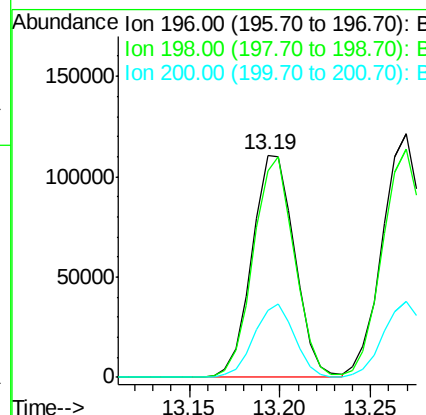
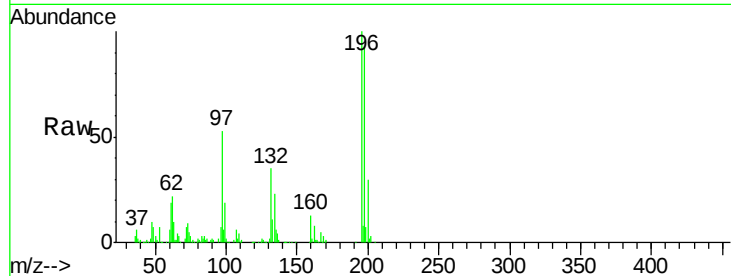
#43
 2,4,6-Trichlorophenol
 Concen: 46.725 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181154		
198	93.0	74.8	112.2	
200	30.1	24.9	37.3	

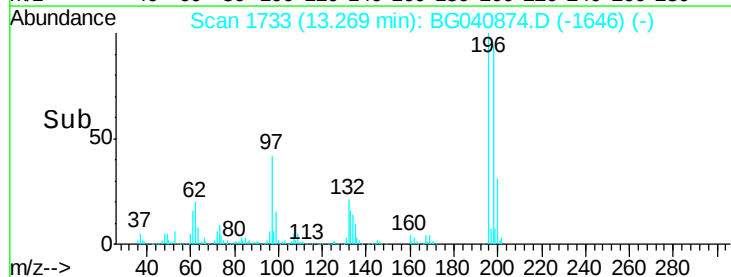
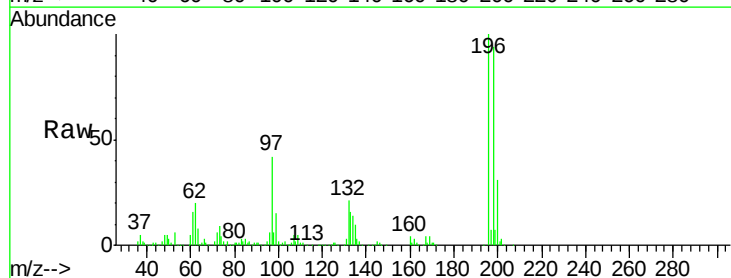
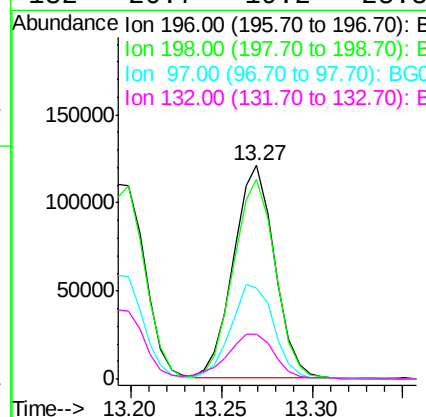
Manual Integrations
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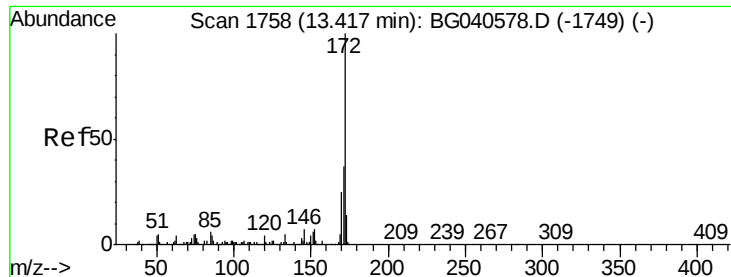
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#44
 2,4,5-Trichlorophenol
 Concen: 45.153 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190700		
198	93.7	77.0	115.6	
97	42.4	40.0	60.0	
132	20.7	19.2	28.8	





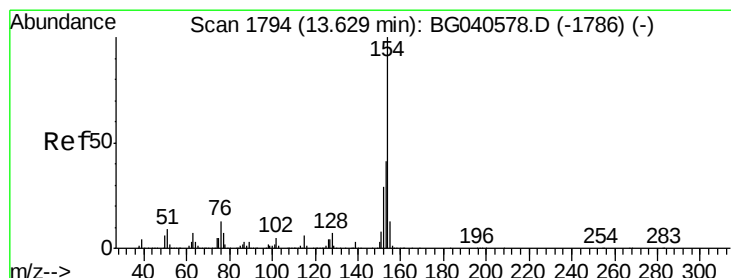
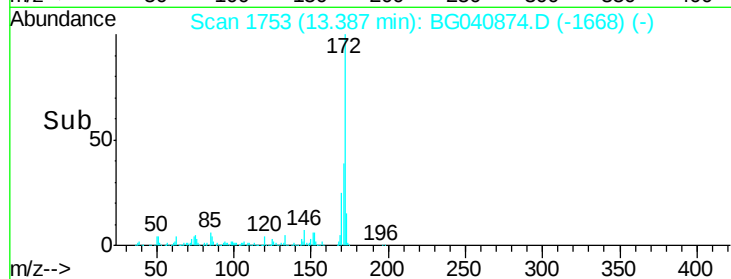
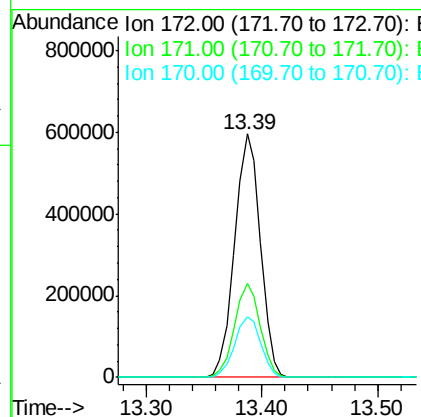
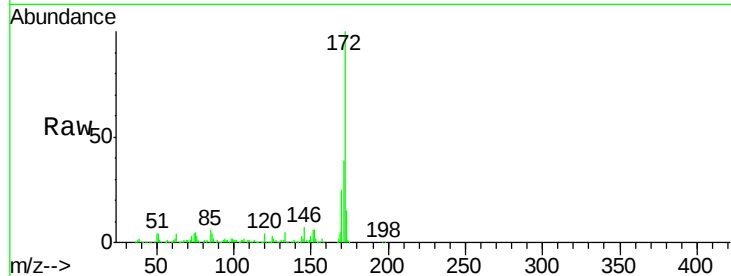
#45
 2-Fluorobiphenyl
 Concen: 76.789 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	38.6	29.4	44.2
170	25.1	19.9	29.9

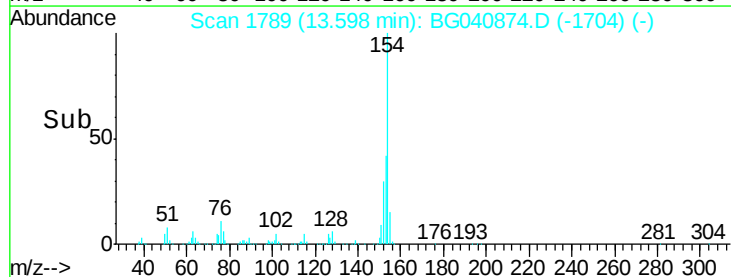
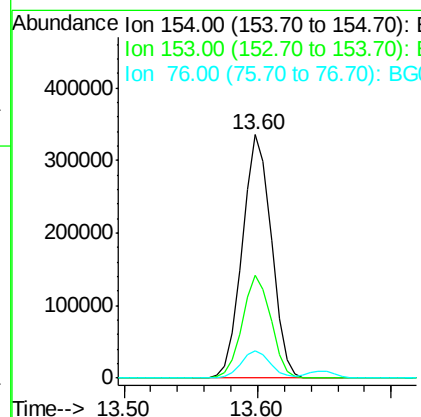
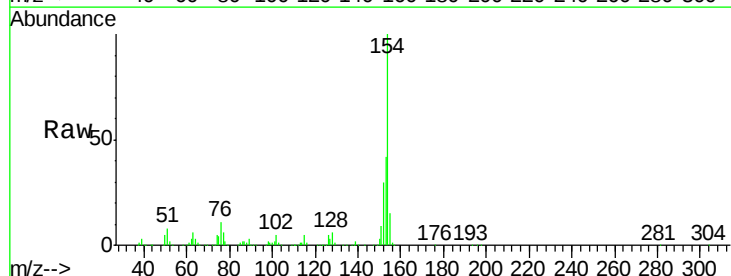
Manual Integrations
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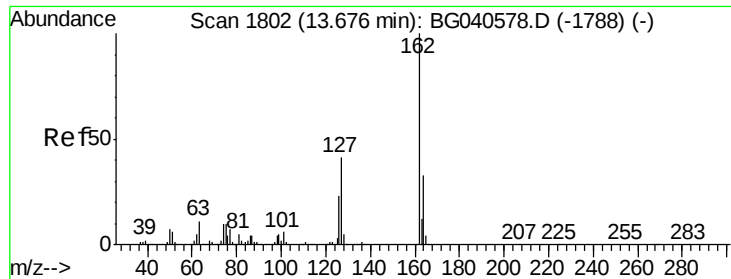
Sohil
 5/14/2019 8:01:37 PM



#46
 1,1'-Biphenyl
 Concen: 37.699 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.5	20.5	60.5
76	11.4	0.0	32.5





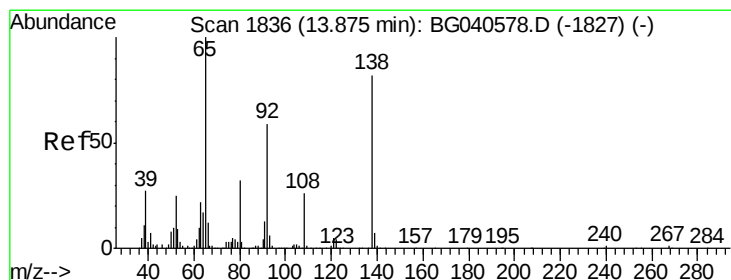
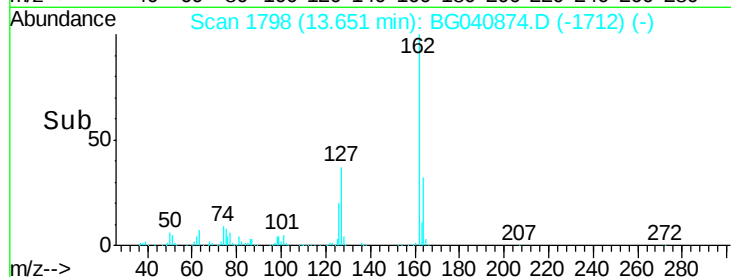
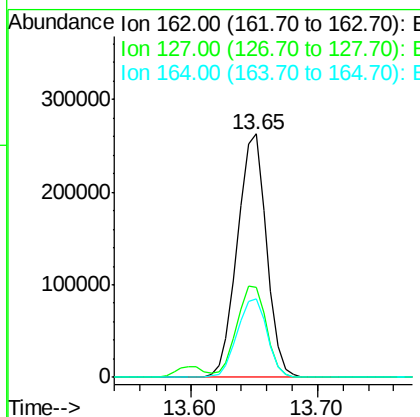
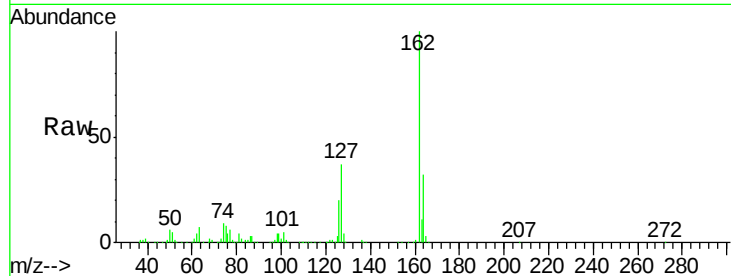
#47
2-Chloronaphthalene
Concen: 39.862 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	417126		
127	36.9	33.0	49.4	
164	32.3	26.8	40.2	

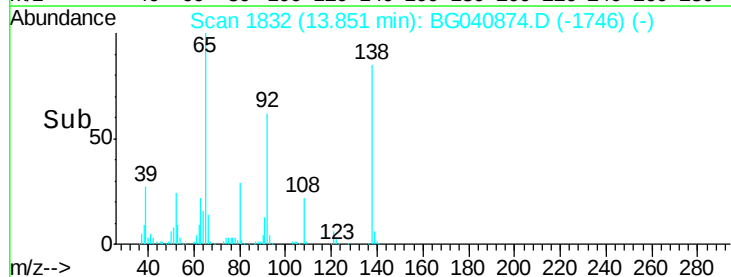
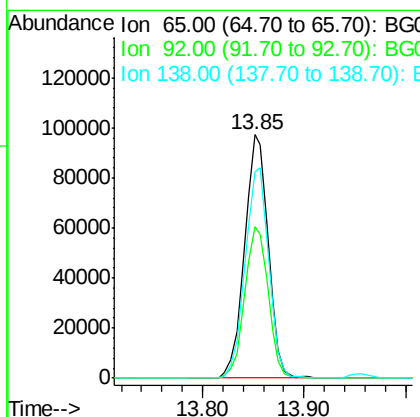
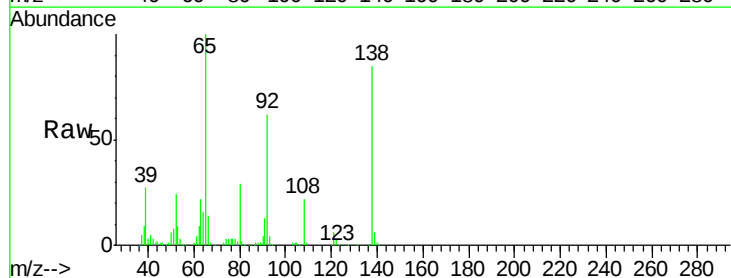
Manual Integrations
APPROVED

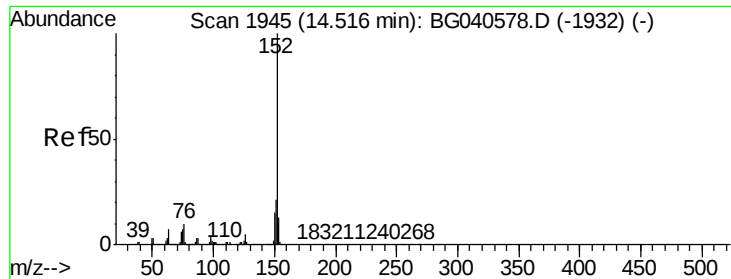
Sohil
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#48
2-Nitroaniline
Concen: 42.107 ng
RT: 13.85 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156842		
92	62.3	47.4	71.0	
138	84.7	66.1	99.1	





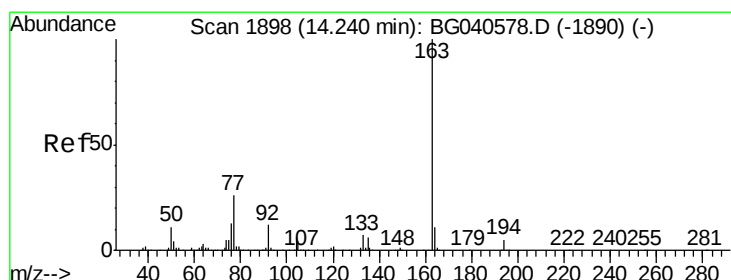
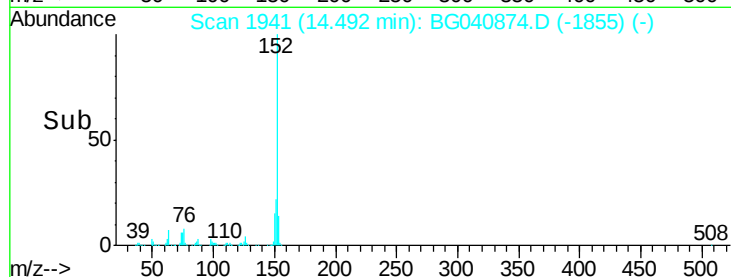
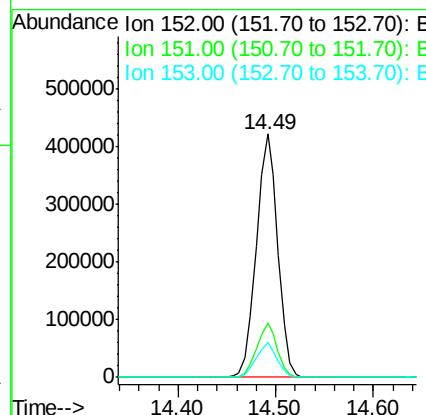
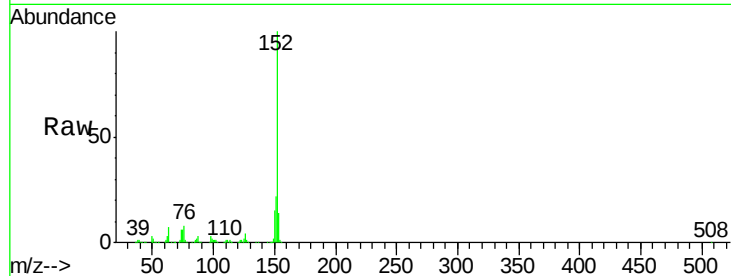
#49
Acenaphthylene
Concen: 36.446 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	14.4	10.7	16.1

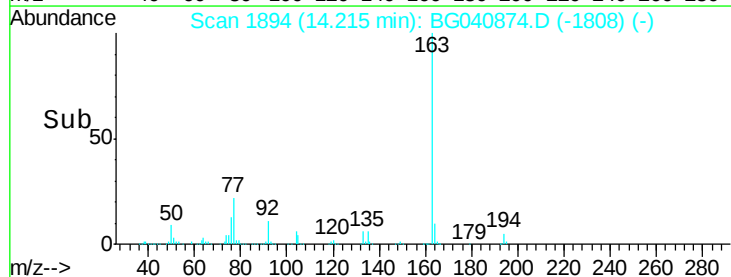
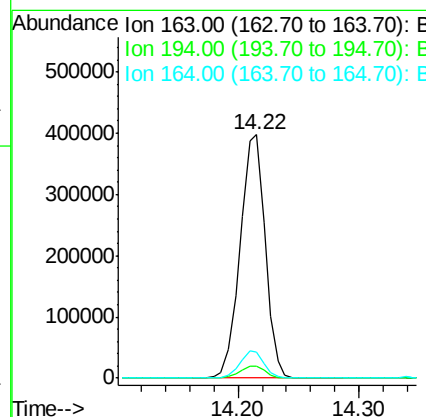
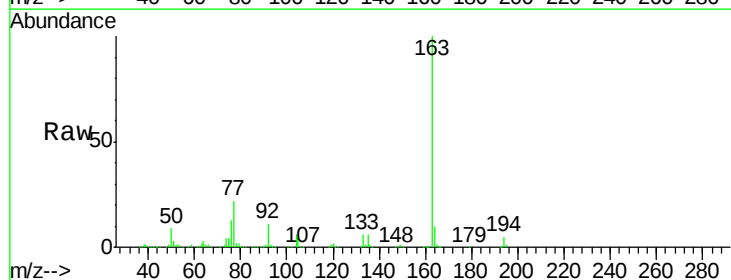
Manual Integrations
APPROVED

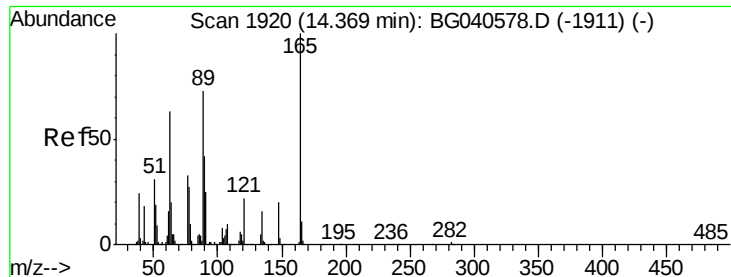
Sohil
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#50
Dimethylphthalate
Concen: 40.049 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	10.5	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 45.229 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

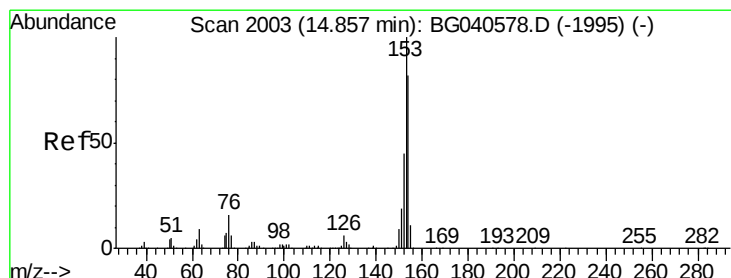
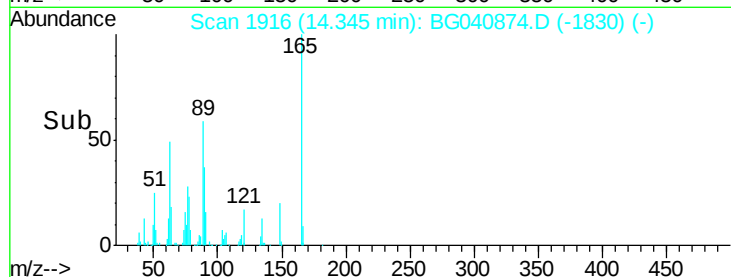
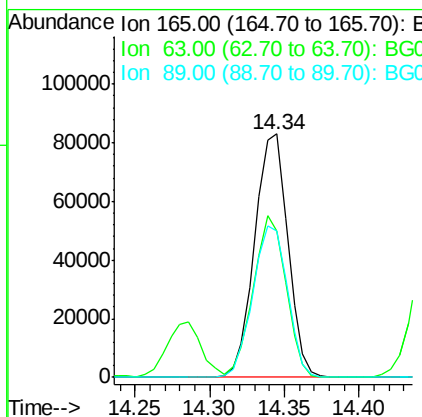
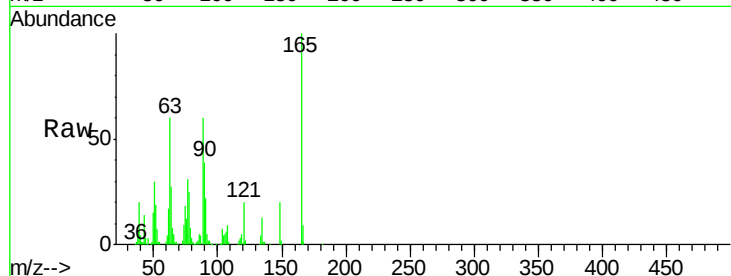
ClientSampled :

PB119647BS

Tgt Ion:	165	Resp:	127196
Ion Ratio	Lower	Upper	
165	100		
63	60.1	61.0	91.4#
89	60.1	58.6	87.8

Manual Integrations
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#52

Acenaphthene

Concen: 37.720 ng

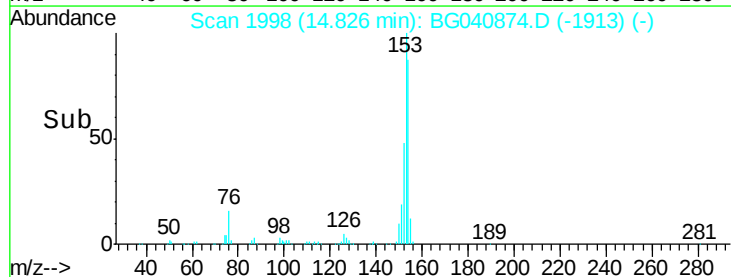
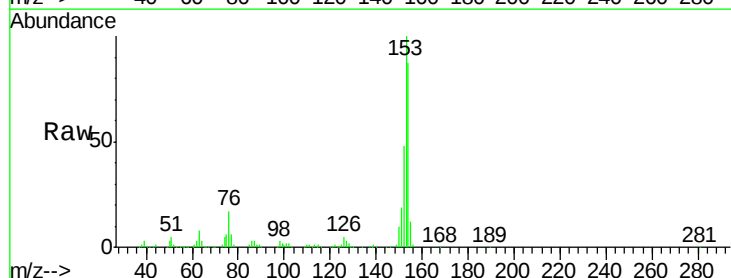
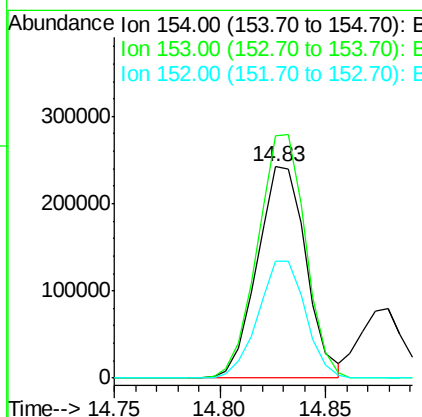
RT: 14.83 min Scan# 1998

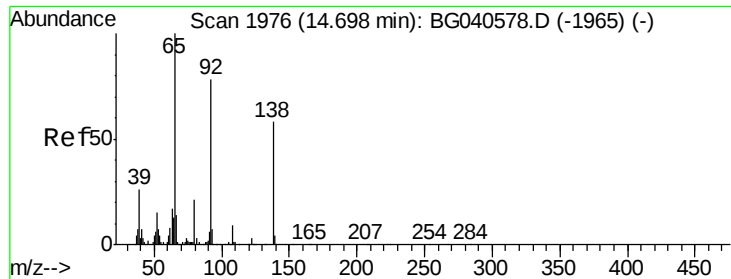
Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	154	Resp:	389991
Ion Ratio	Lower	Upper	
154	100		
153	114.6	97.0	145.6
152	55.4	44.1	66.1





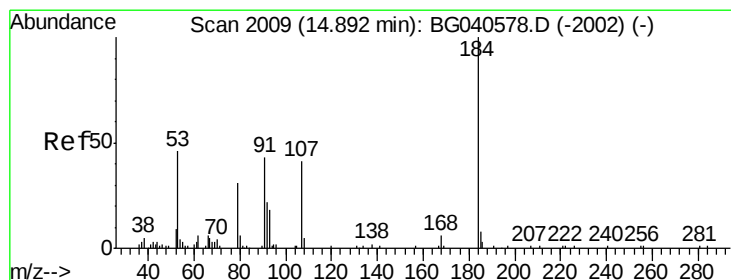
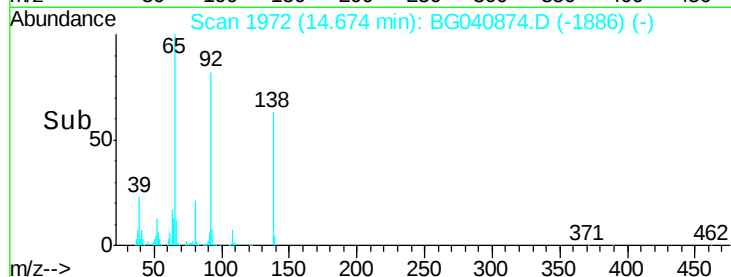
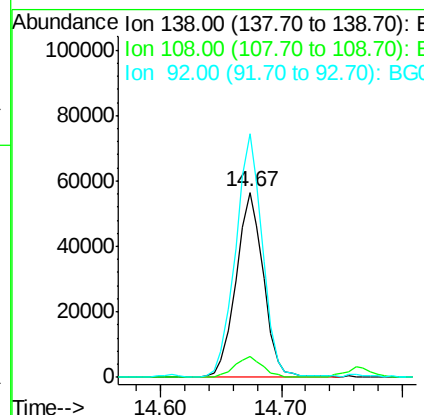
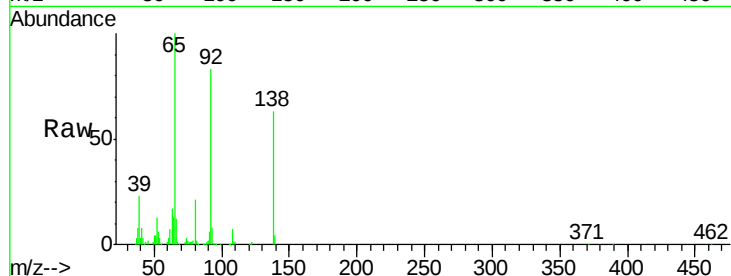
#53
3-Nitroaniline
Concen: 31.030 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion:138 Resp: 89413
Ion Ratio Lower Upper
138 100
108 11.3 12.4 18.6#
92 131.4 108.6 162.8

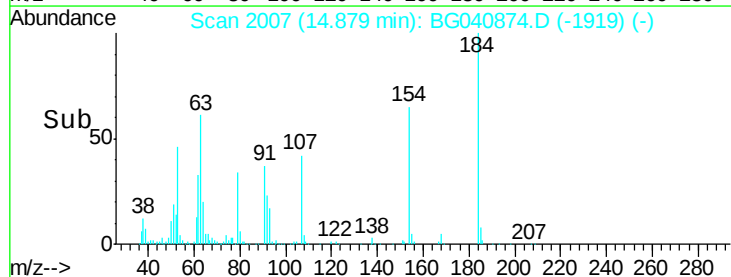
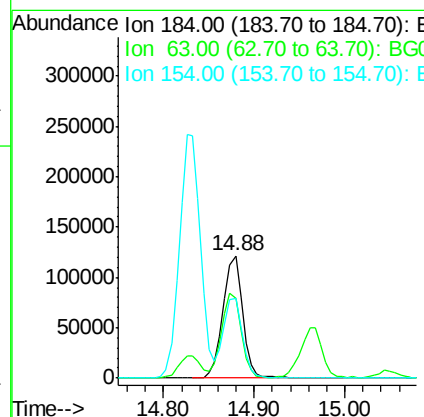
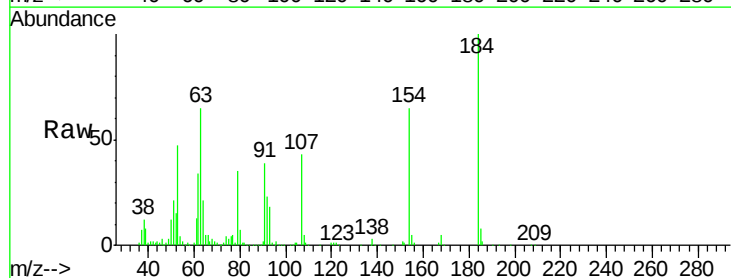
Manual Integrations
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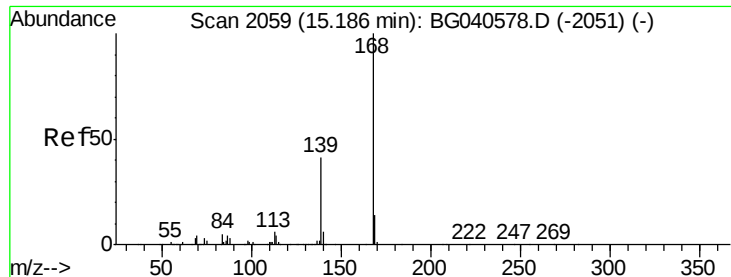
Sohil
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#54
2,4-Dinitrophenol
Concen: 112.633 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion:184 Resp: 183620
Ion Ratio Lower Upper
184 100
63 64.5 51.8 77.6
154 64.9 43.6 65.4





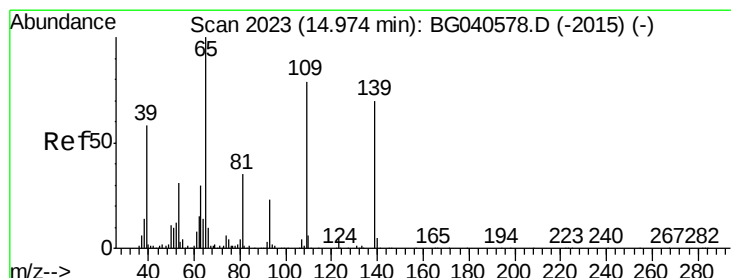
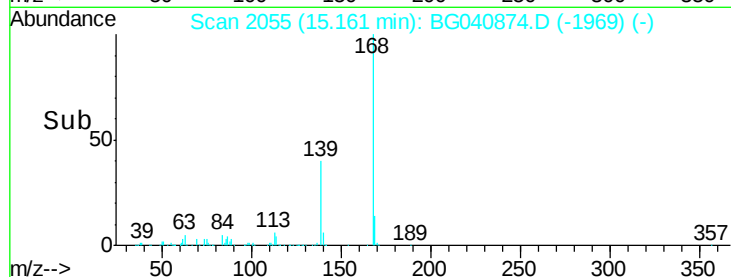
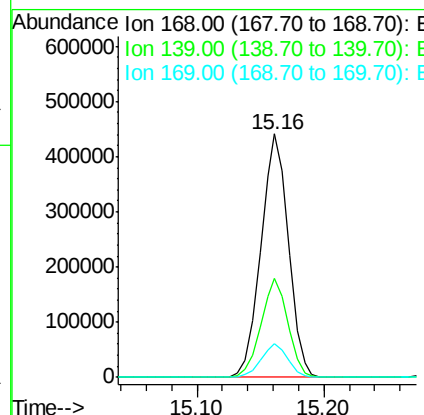
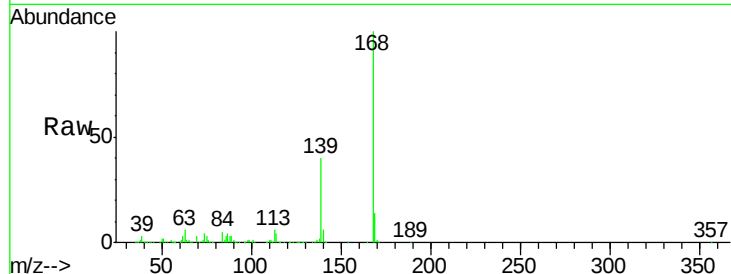
#55
Dibenzofuran
Concen: 39.346 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	40.5	33.0	49.4
169	14.0	11.0	16.4

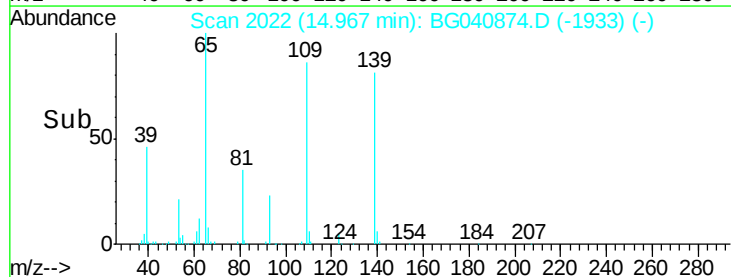
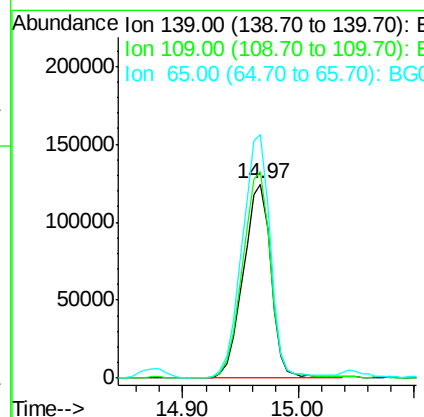
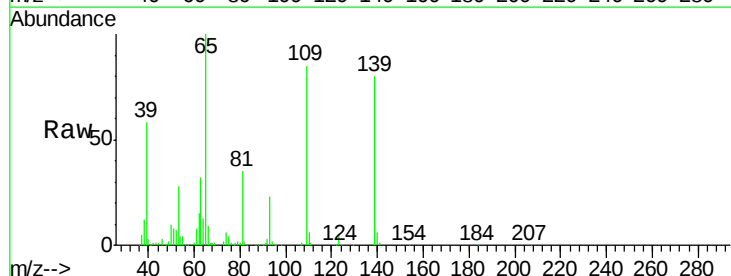
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#56
4-Nitrophenol
Concen: 83.098 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	106.1	93.8	133.8
65	125.4	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 46.620 ng

RT: 15.13 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

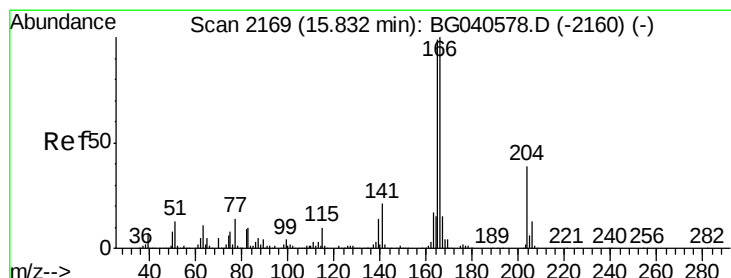
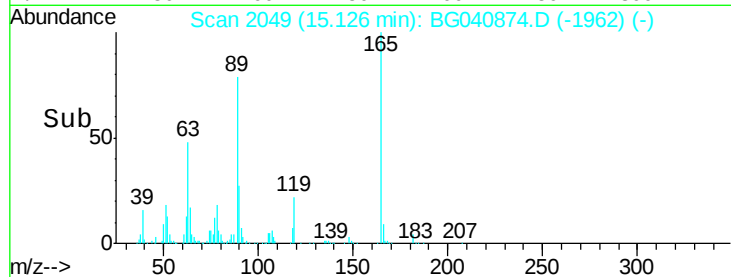
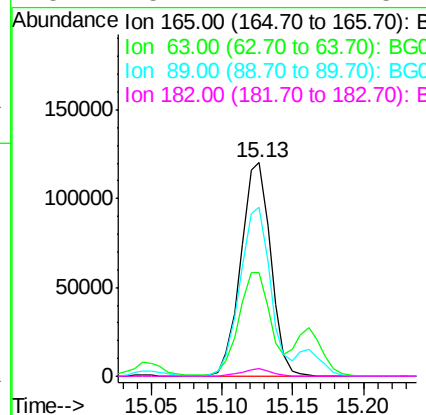
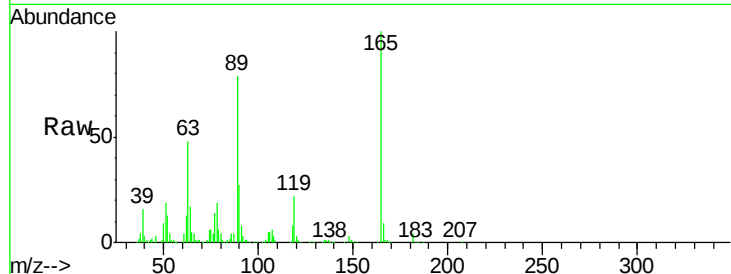
ClientSampleId :

PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178154		
63	48.4	45.8	68.8	
89	79.0	69.4	104.2	
182	3.7	2.2	3.4	#

Manual Integrations
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#58

Fluorene

Concen: 38.233 ng

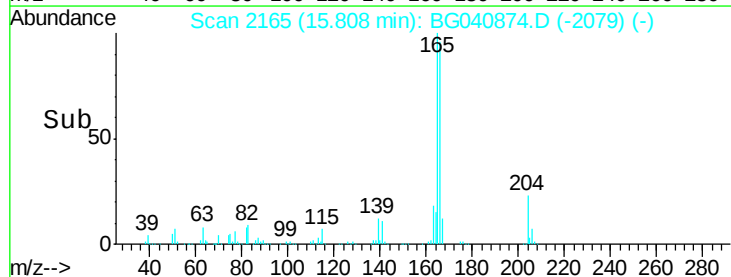
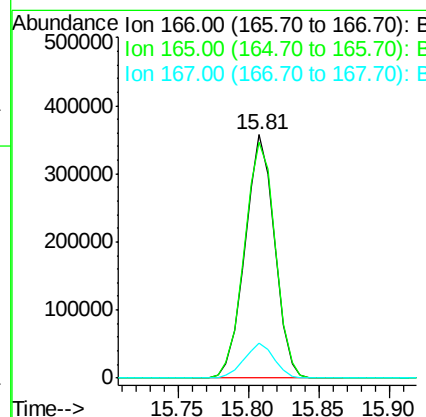
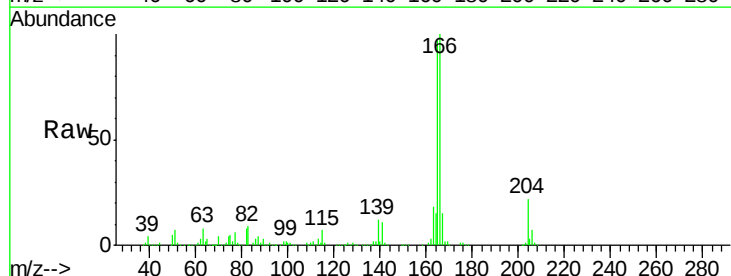
RT: 15.81 min Scan# 2165

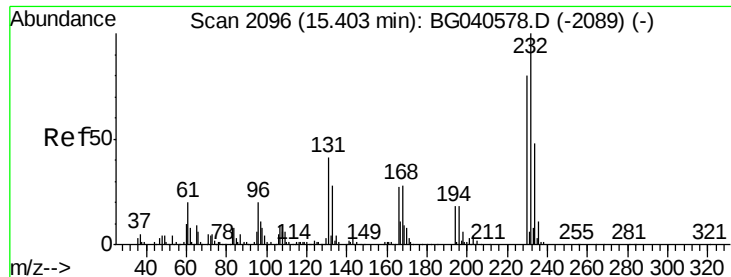
Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	523323		
165	97.0	79.6	119.4	
167	14.6	12.2	18.2	





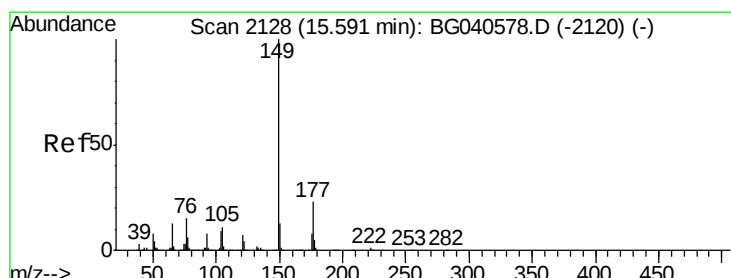
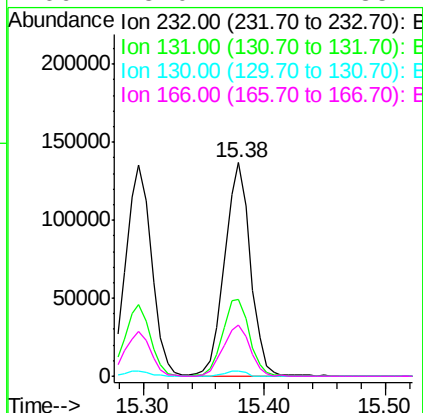
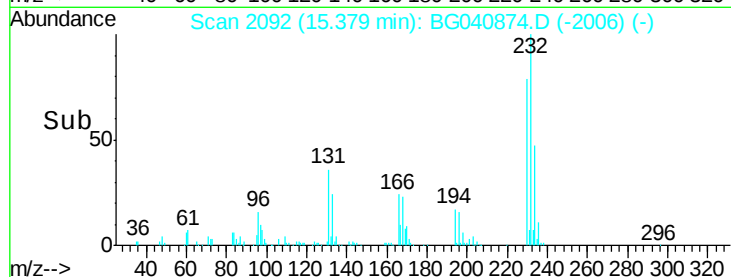
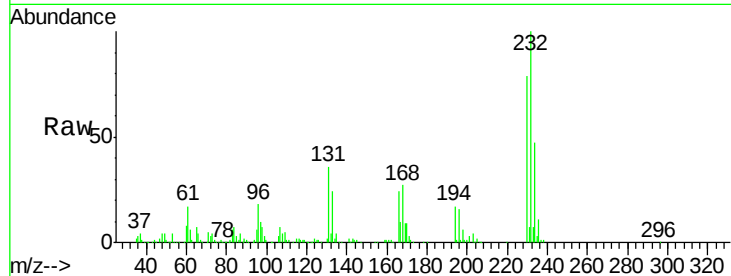
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.518 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	201997		
131	37.2	33.0	49.4	
130	2.1	2.0	3.0	
166	25.0	22.1	33.1	

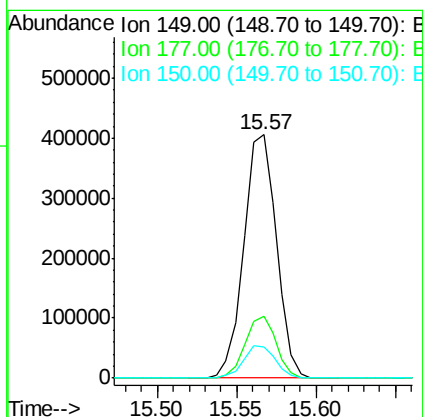
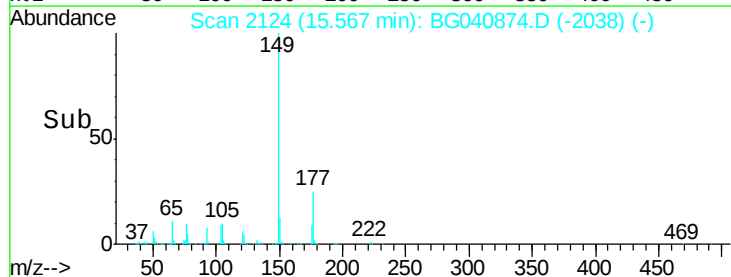
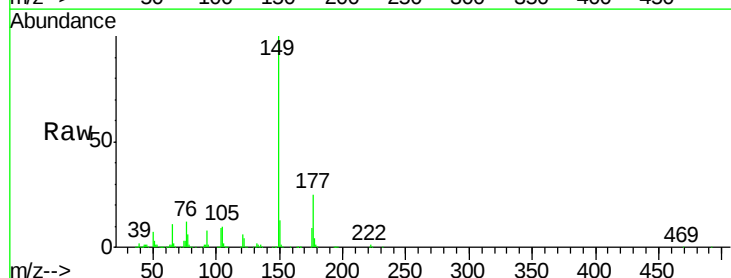
Manual Integrations
APPROVED

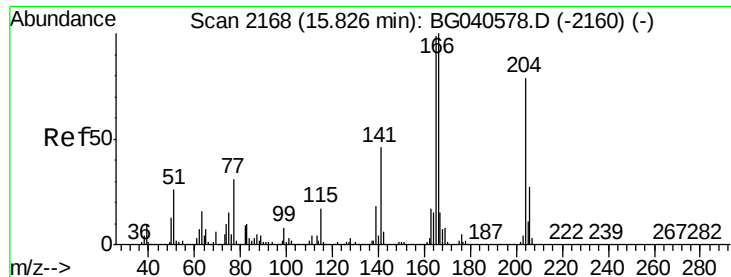
Sohil
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#60
Diethylphthalate
Concen: 38.116 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	579472		
177	25.3	18.5	27.7	
150	12.7	10.2	15.4	





#61

4-Chlorophenyl-phenylether

Concen: 41.670 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

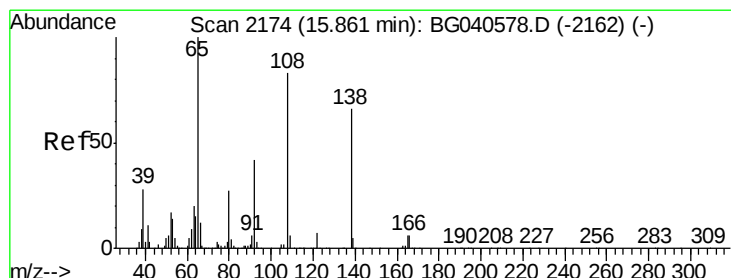
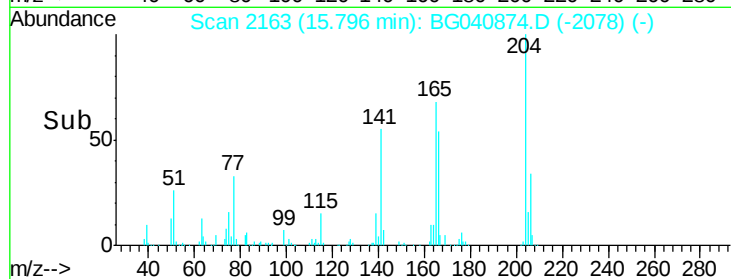
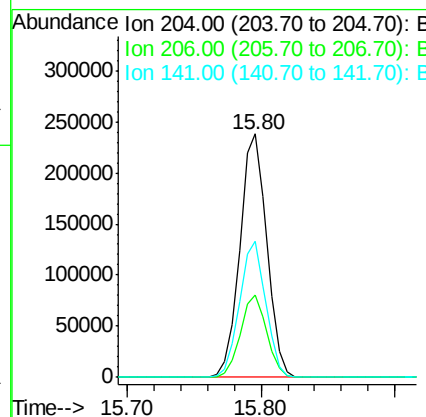
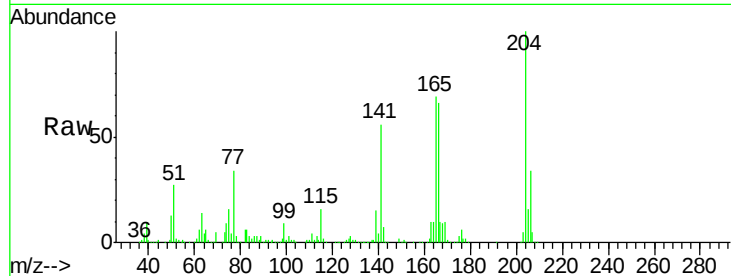
ClientSampleId :

PB119647BS

Tgt Ion:	204	Resp:	331731
Ion Ratio	Lower	Upper	
204	100		
206	33.9	27.4	41.2
141	55.7	46.0	69.0

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#62

4-Nitroaniline

Concen: 39.781 ng

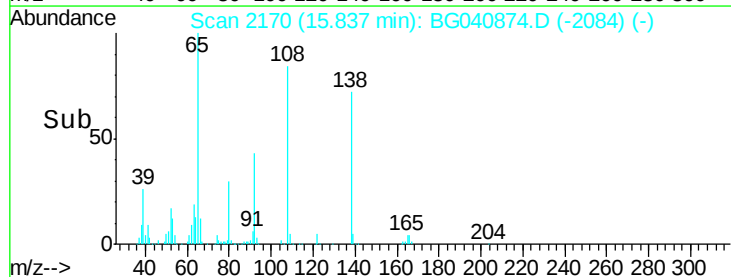
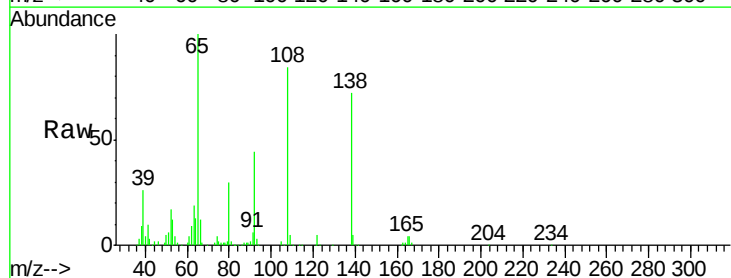
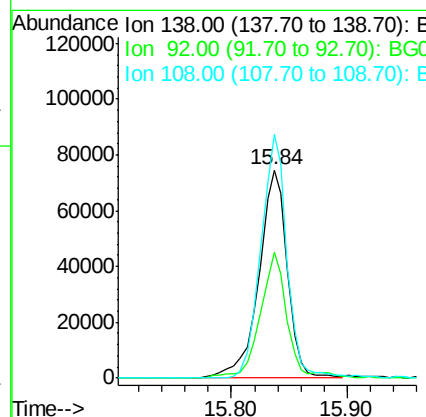
RT: 15.84 min Scan# 2170

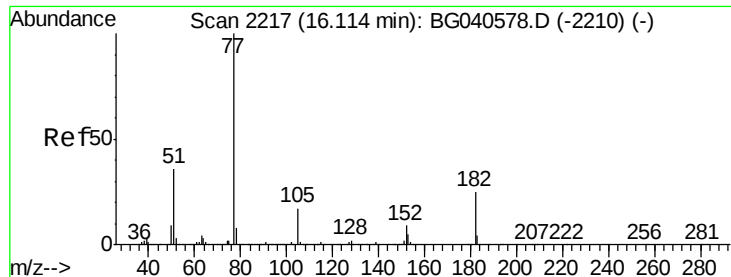
Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	138	Resp:	128225
Ion Ratio	Lower	Upper	
138	100		
92	60.6	43.9	83.9
108	117.1	106.5	146.5





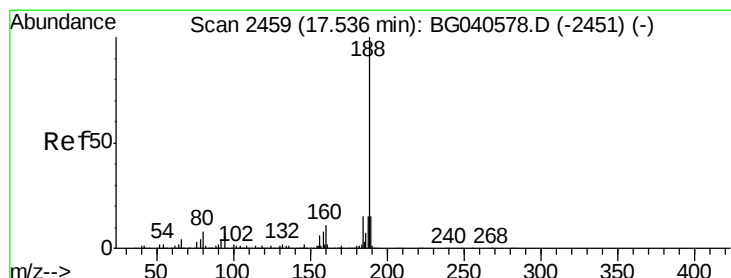
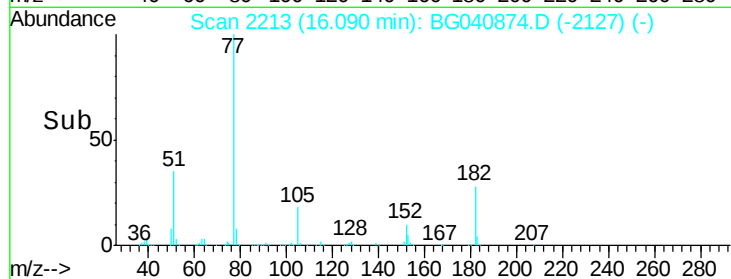
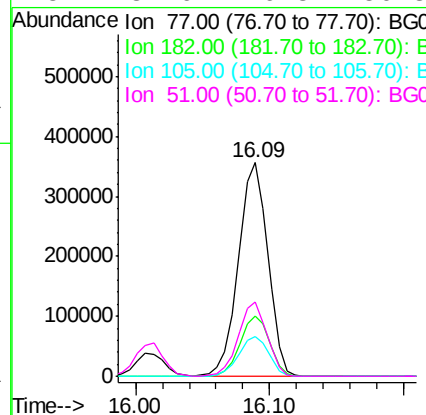
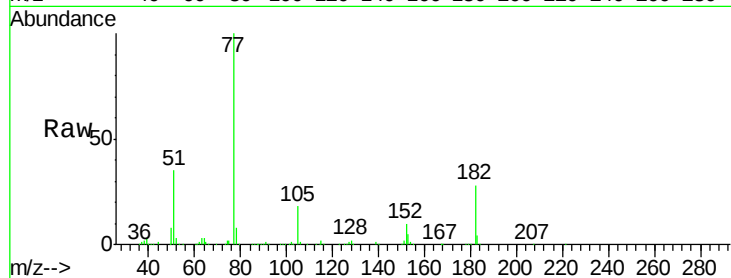
#63
Azobenzene
Concen: 34.687 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	543078		
182	28.0	5.0	45.0	
105	18.5	0.0	37.6	
51	34.6	16.3	56.3	

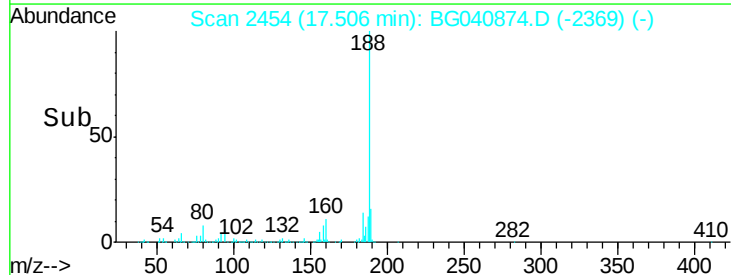
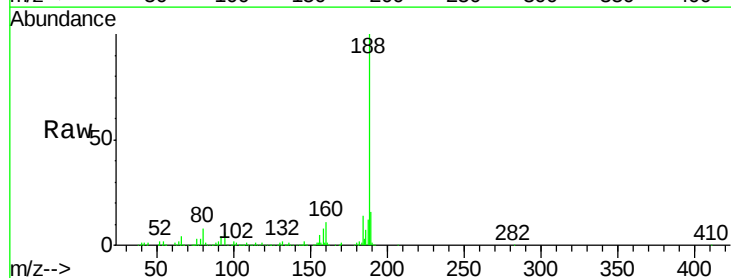
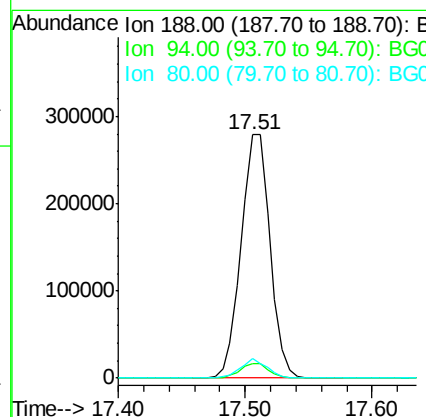
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	439702		
94	6.1	5.6	8.4	
80	7.9	6.4	9.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 51.629 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

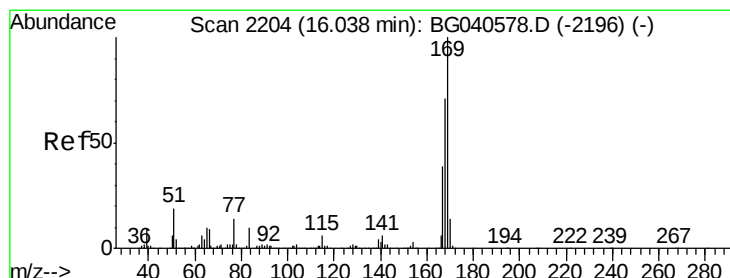
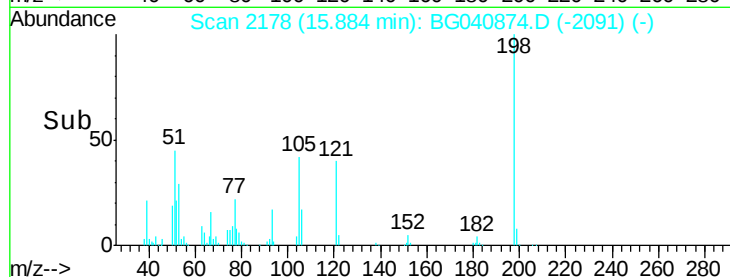
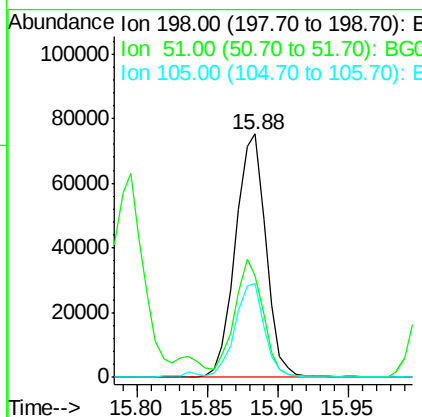
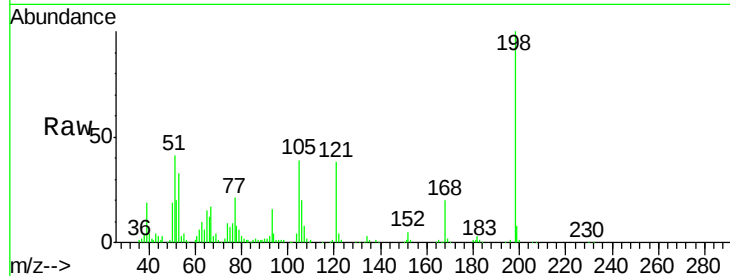
ClientSampled :

PB119647BS

Tgt Ion:	198	Resp:	113220
Ion Ratio	Lower	Upper	
198	100		
51	41.5	35.9	75.9
105	38.5	21.2	61.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.101 ng

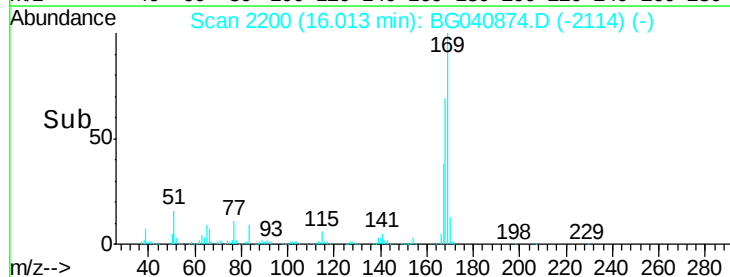
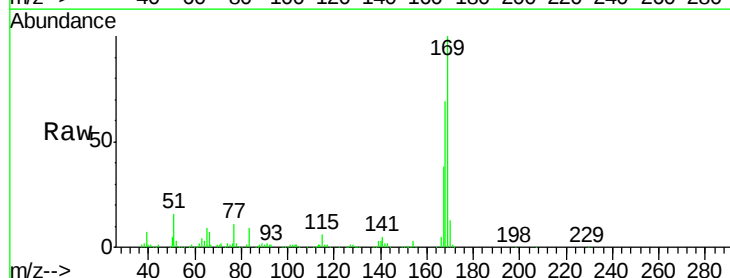
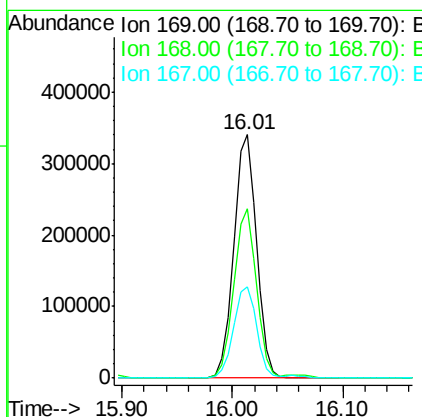
RT: 16.01 min Scan# 2200

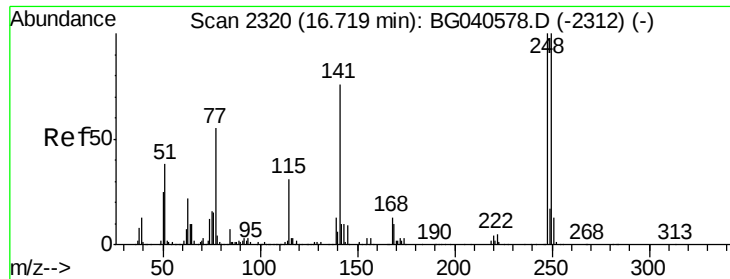
Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	169	Resp:	492899
Ion Ratio	Lower	Upper	
169	100		
168	69.3	56.8	85.2
167	37.5	31.4	47.0





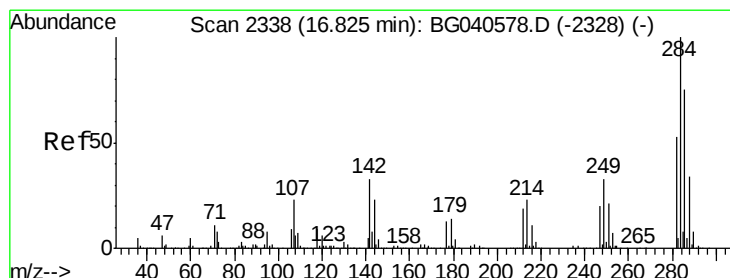
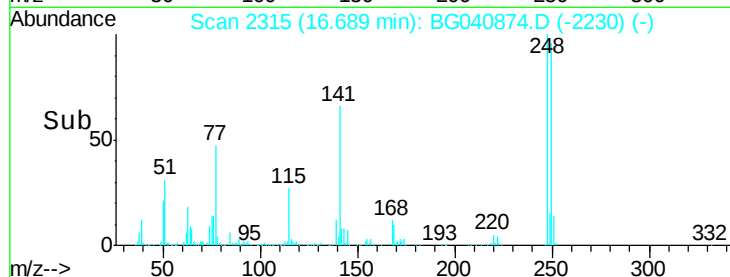
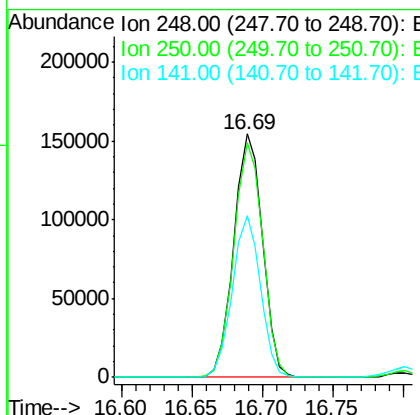
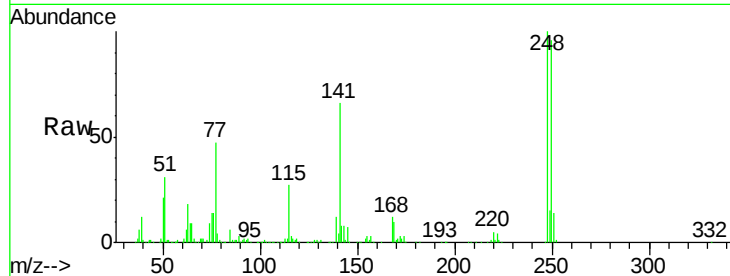
#67
 4-Bromophenyl-phenylether
 Concen: 39.943 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218809		
250	96.3	79.8	119.6	
141	66.4	60.8	91.2	

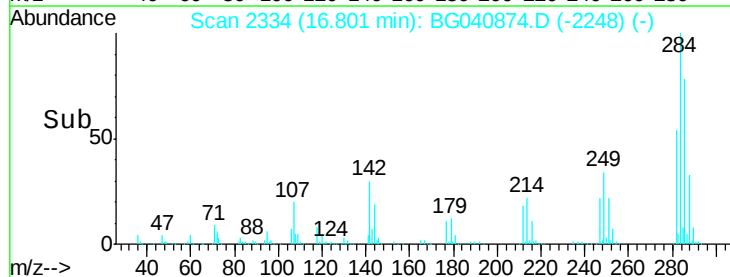
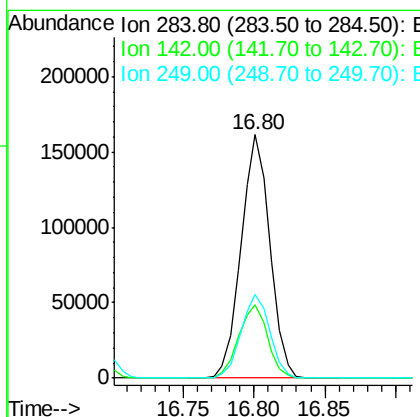
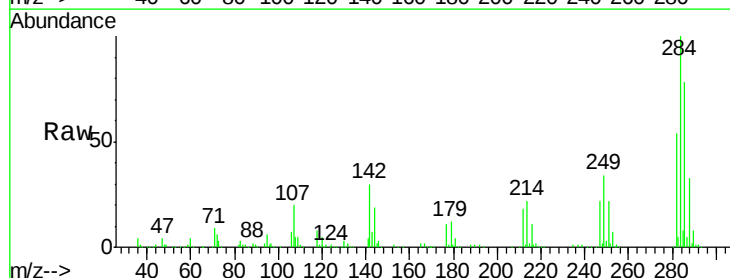
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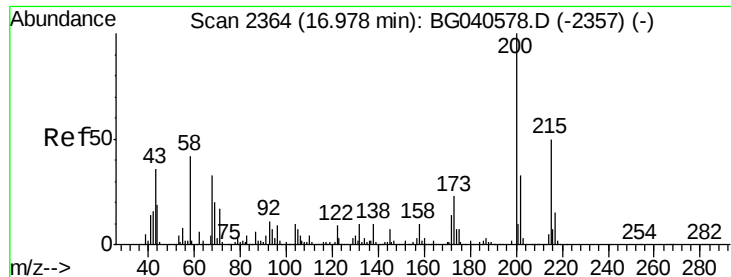
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#68
 Hexachlorobenzene
 Concen: 40.527 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	229561		
142	30.0	26.6	40.0	
249	34.3	26.0	39.0	





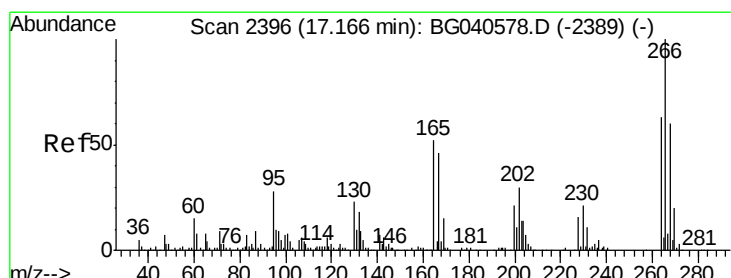
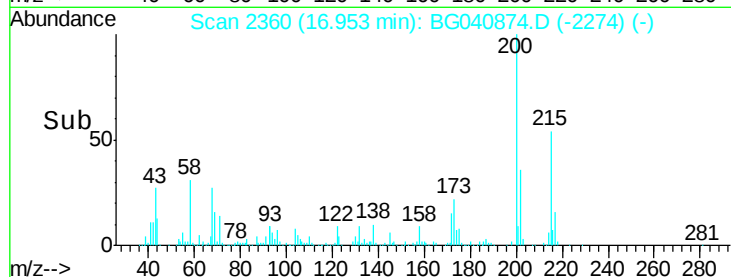
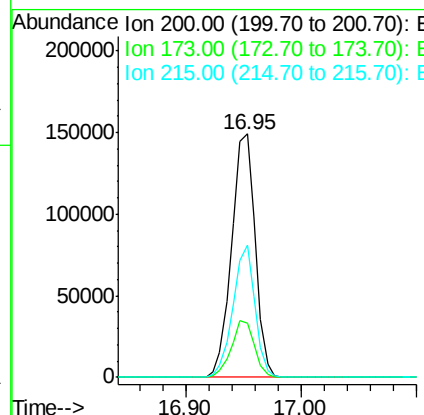
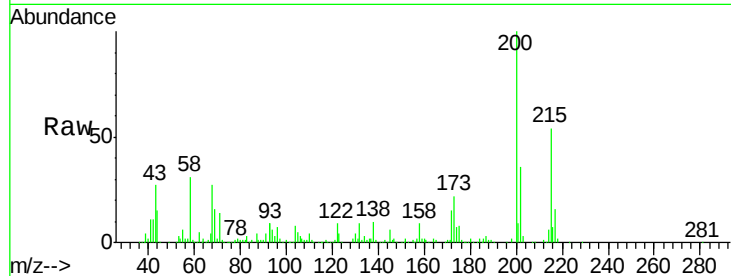
#69
 Atrazine
 Concen: 41.159 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.0	2.8	42.8
215	54.5	30.2	70.2

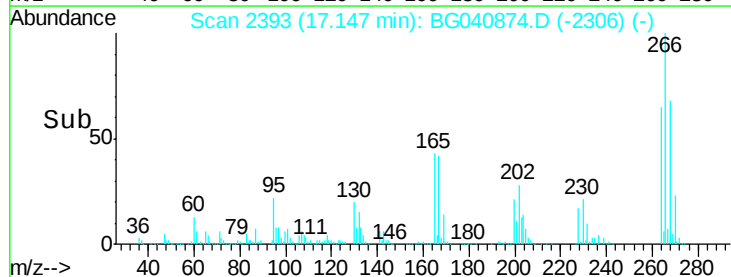
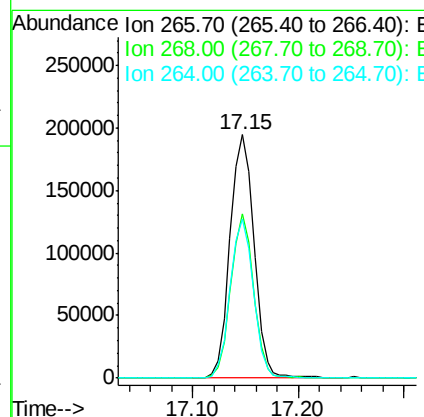
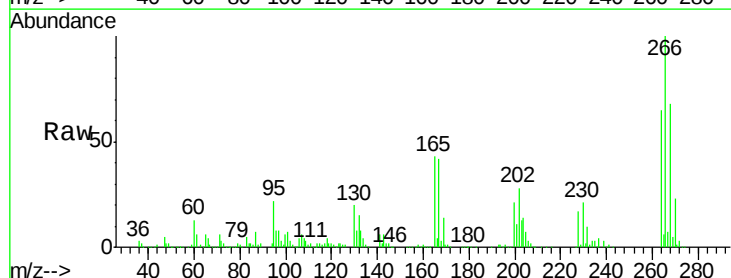
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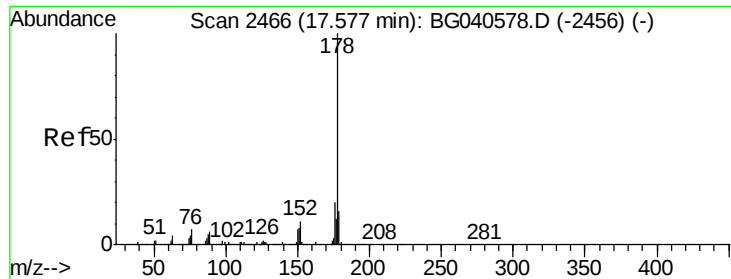
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#70
 Pentachlorophenol
 Concen: 92.288 ng
 RT: 17.15 min Scan# 2393
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	52.3	78.5
264	65.1	50.0	75.0





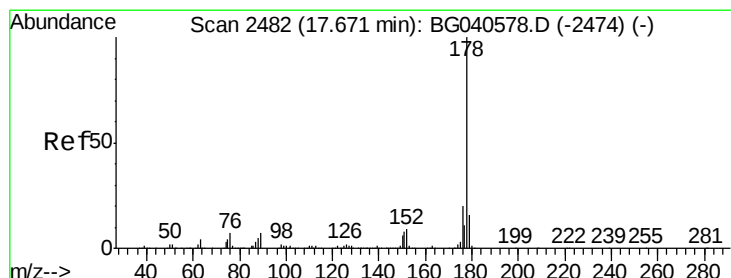
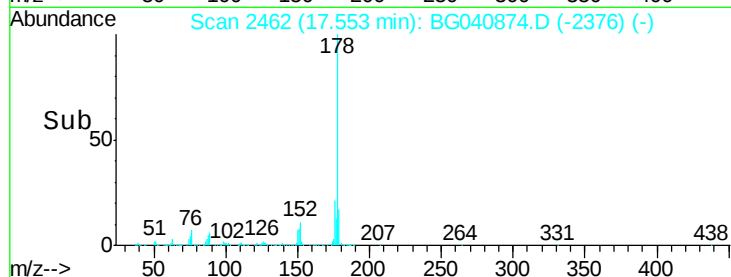
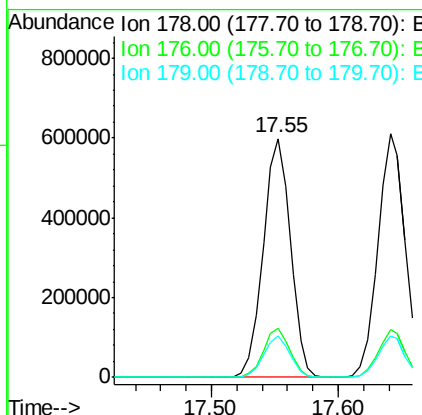
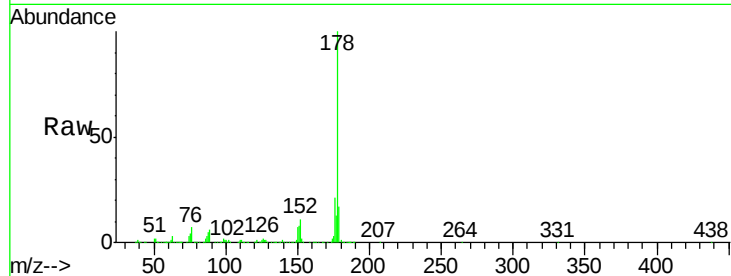
#71
Phenanthrene
Concen: 37.887 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	17.2	12.6	18.8

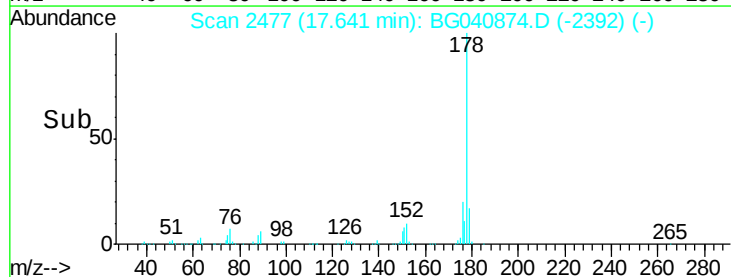
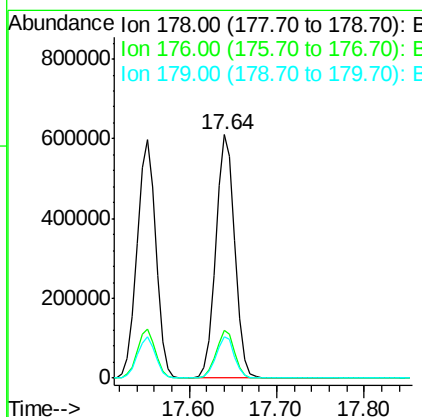
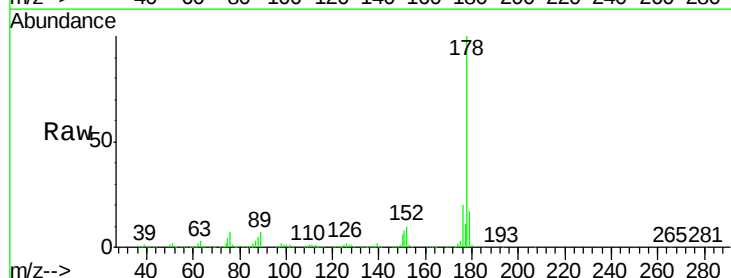
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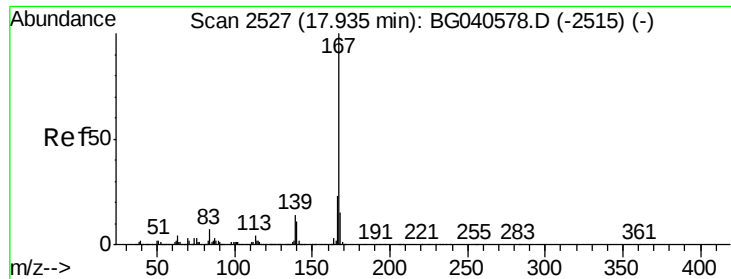
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#72
Anthracene
Concen: 38.452 ng
RT: 17.64 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.9	12.9	19.3





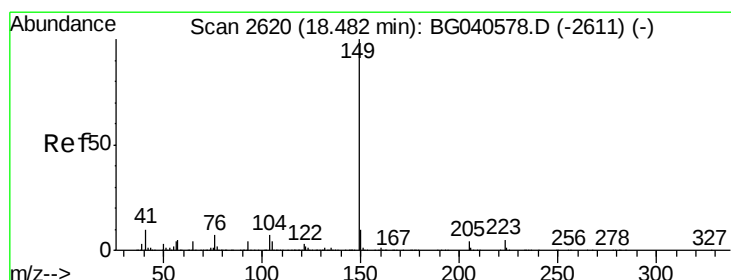
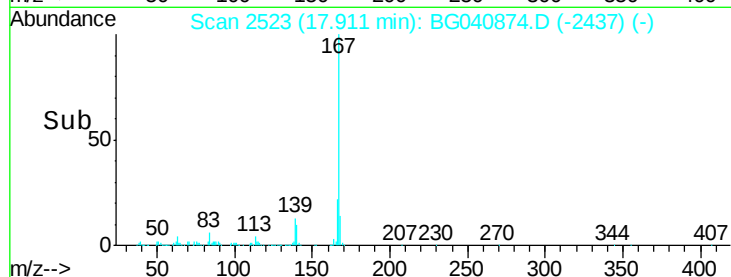
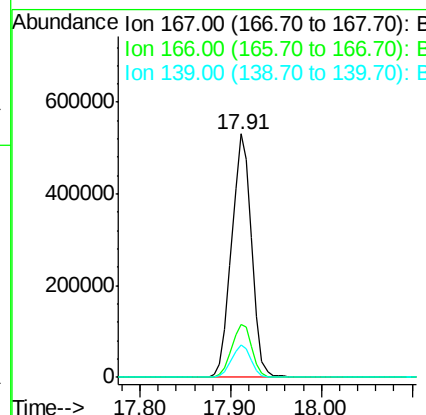
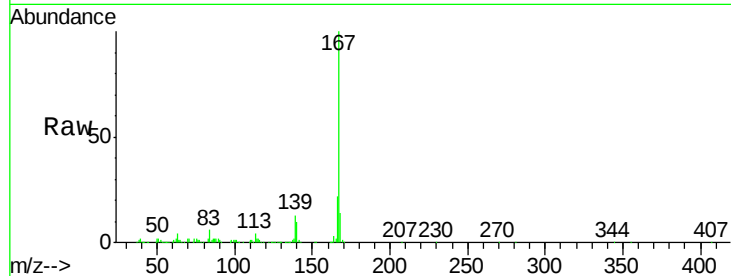
#73
 Carbazole
 Concen: 37.485 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	813001		
166	22.0		18.2	27.4
139	13.2		11.4	17.0

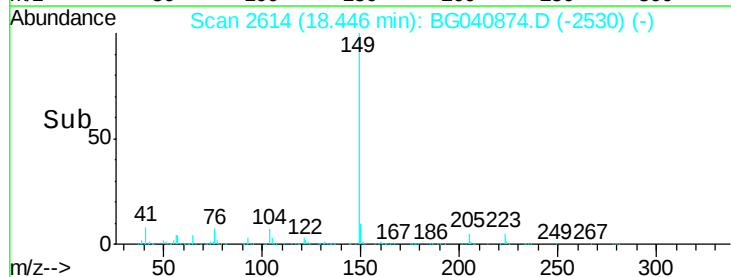
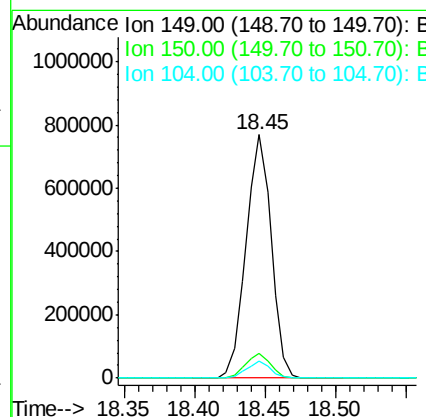
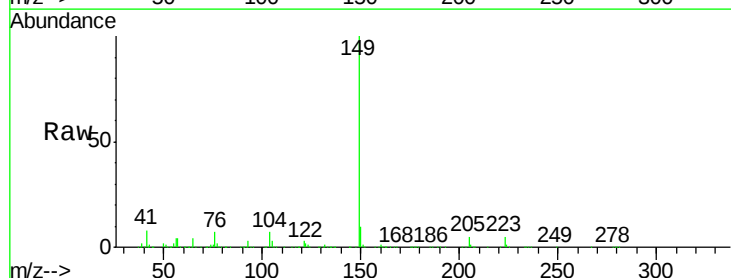
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#74
 Di-n-butylphthalate
 Concen: 36.725 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	961406		
150	10.3		8.2	12.2
104	7.1		5.4	8.2





#75

Fluoranthene

Concen: 39.799 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

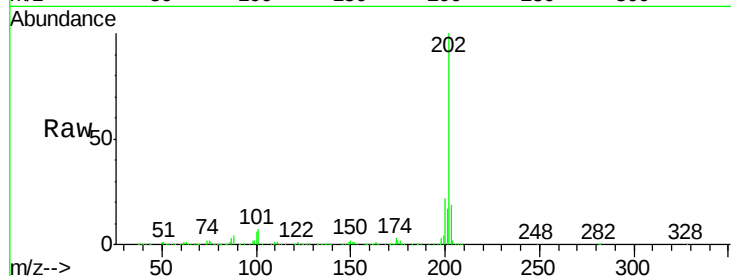
ClientSampled :

PB119647BS

Tgt	Ion	202	Resp	1174598
Ion	Ratio	Lower	Upper	
202	100			
101	6.7	0.0	27.5	
203	19.1	0.0	39.3	

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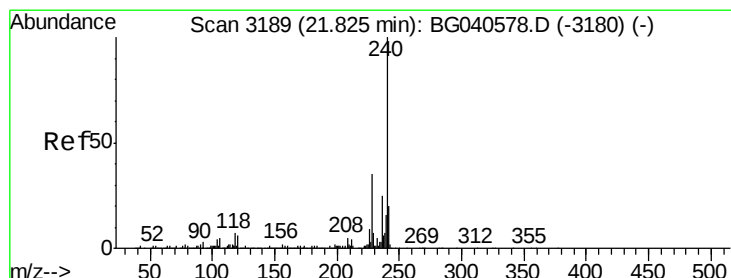
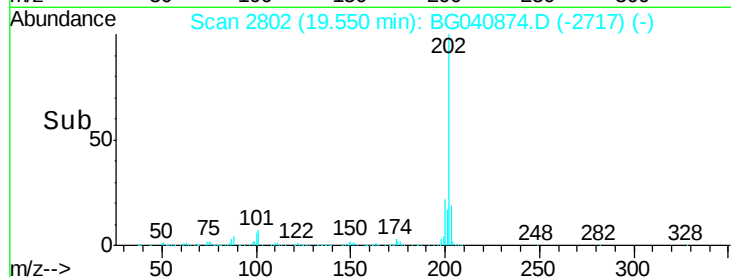
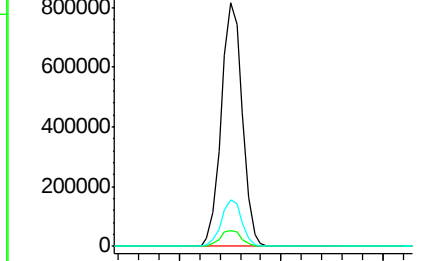
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Abundance Ion 202.00 (201.70 to 202.70): E

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

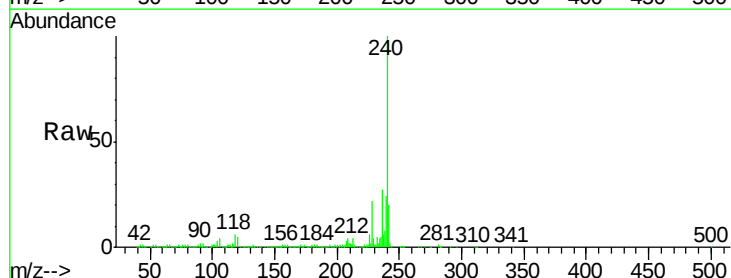
RT: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

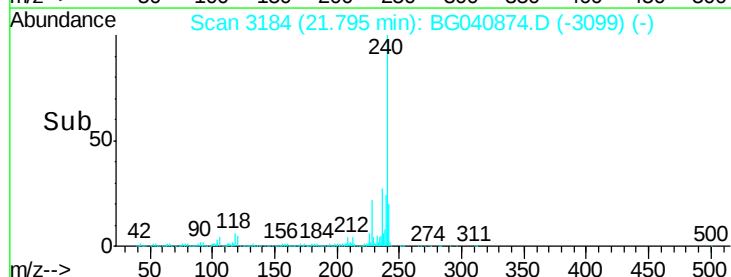
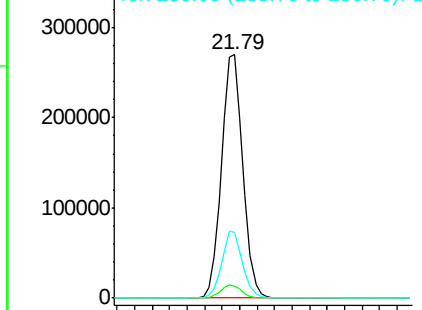
Tgt	Ion	240	Resp	453795
Ion	Ratio	Lower	Upper	
240	100			
120	5.1	5.0	7.6	
236	27.2	20.3	30.5	

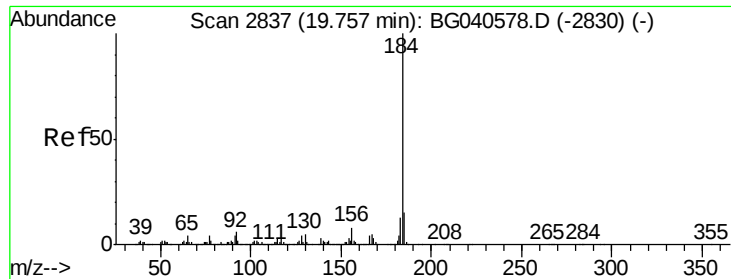


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.309 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

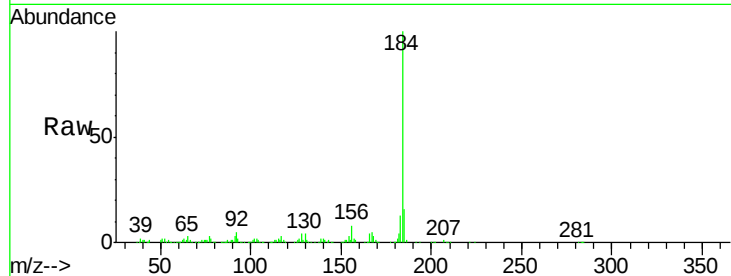
ClientSampleId :

PB119647BS

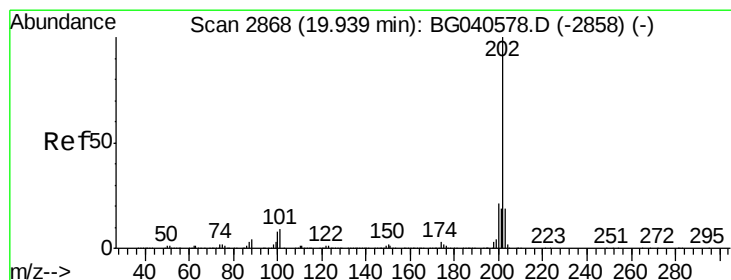
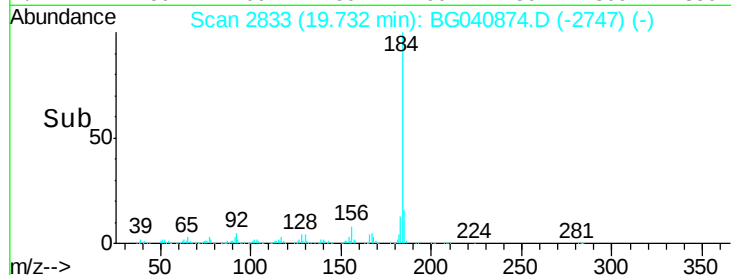
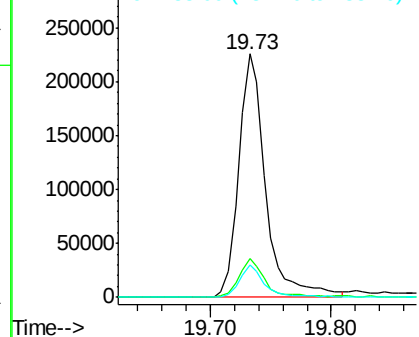
Tgt Ion:	184	Resp:	351746
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	13.2	10.2	15.2

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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: 41.567 ng

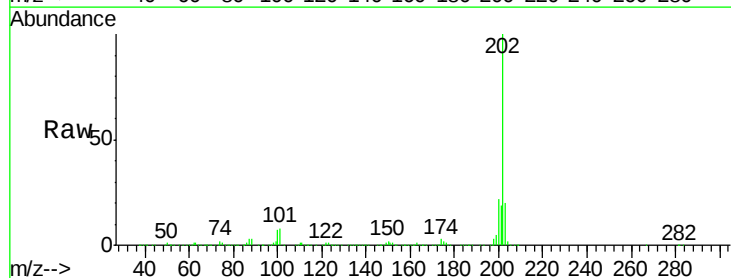
RT: 19.91 min Scan# 2864

Delta R.T. -0.02 min

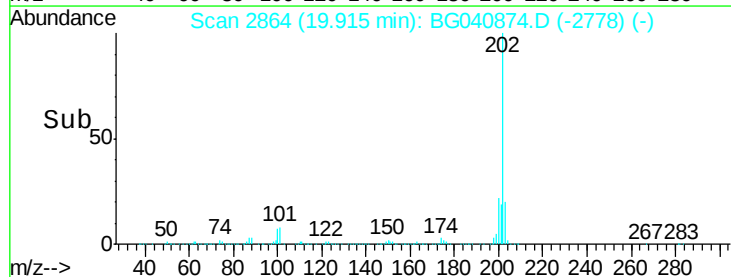
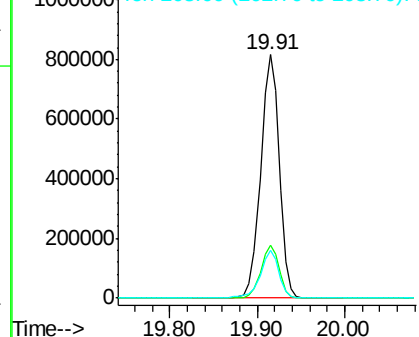
Lab File: BG040874.D

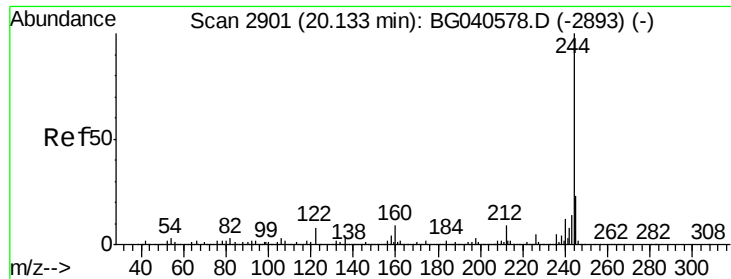
Acq: 11 May 2019 15:25

Tgt Ion:	202	Resp:	1182235
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.2	25.8
203	19.6	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: 83.063 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119647BS

Tgt Ion:244 Resp: 1701415

Ion Ratio Lower Upper

244 100

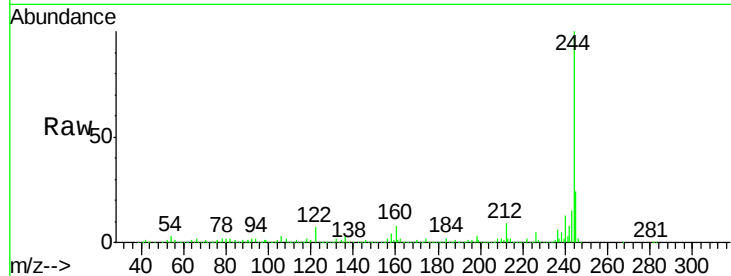
212 9.5 7.2 10.8

122 7.4 6.6 10.0

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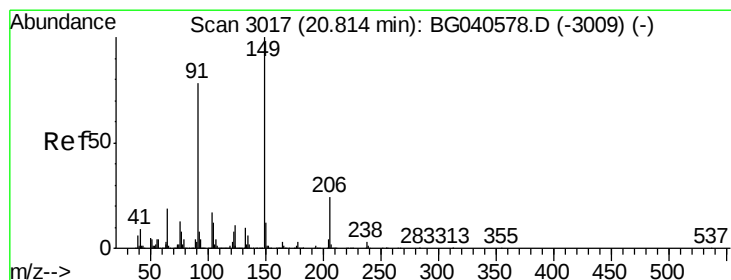
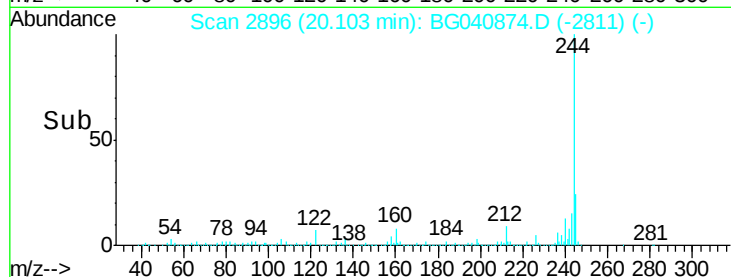
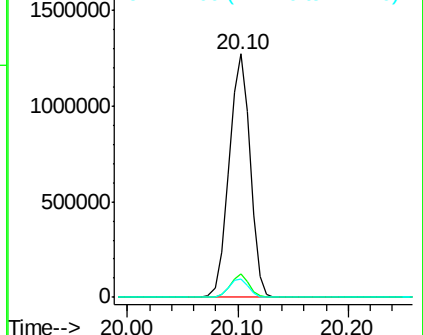
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.764 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

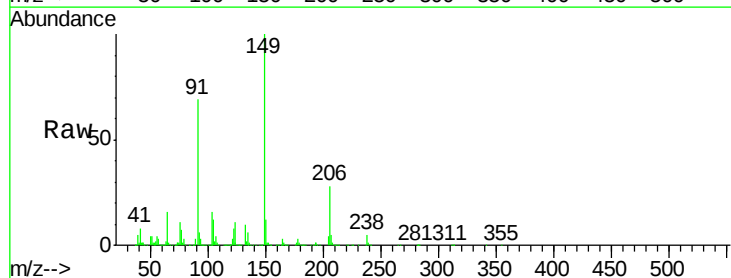
Tgt Ion:149 Resp: 451877

Ion Ratio Lower Upper

149 100

91 69.3 62.6 93.8

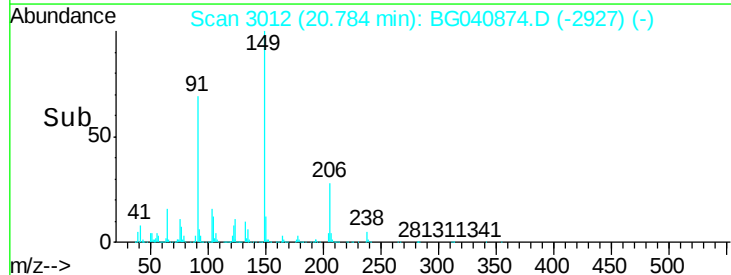
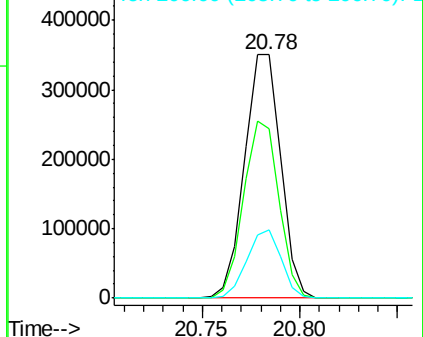
206 27.9 19.4 29.2

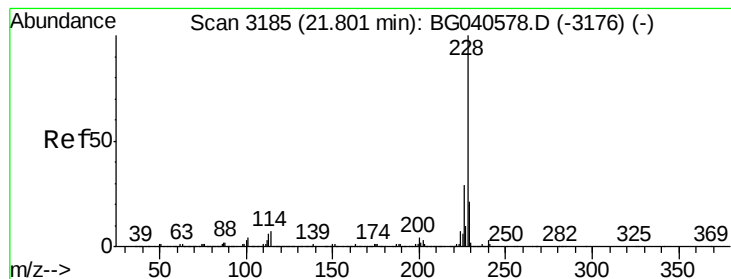


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.883 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

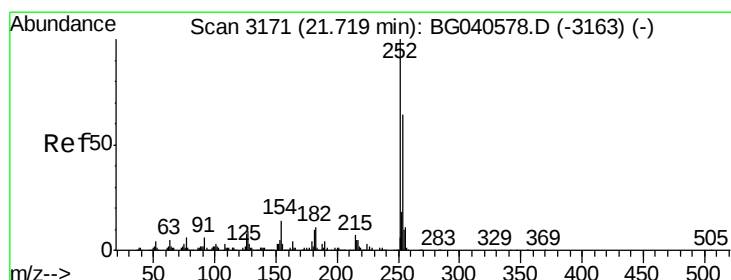
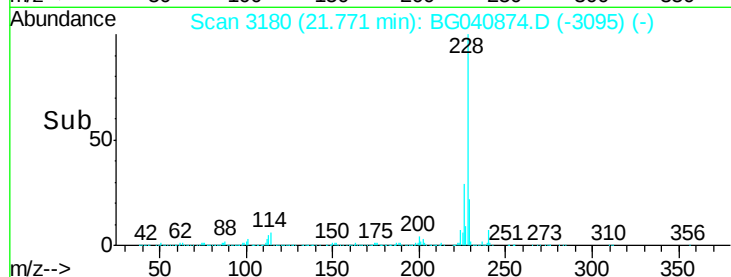
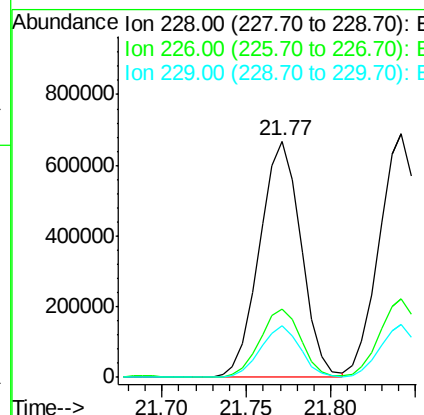
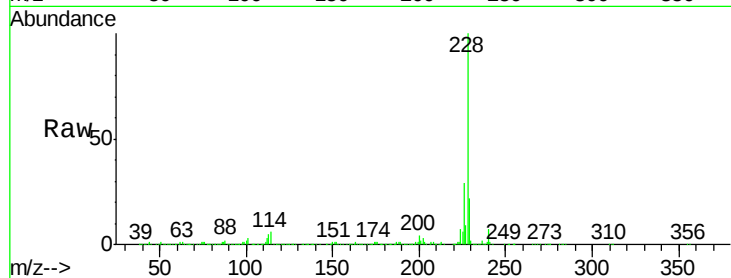
ClientSampleId :

PB119647BS

Tgt Ion:	228	Resp:	1143841
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.1	34.7
229	22.1	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 36.880 ng

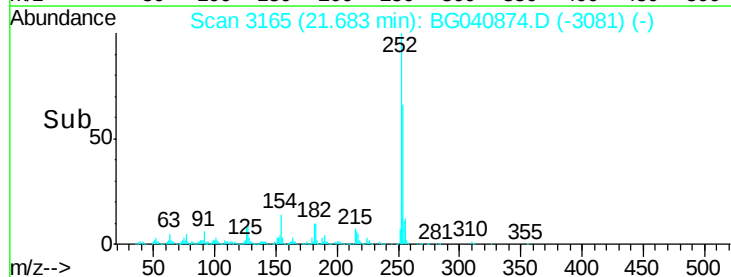
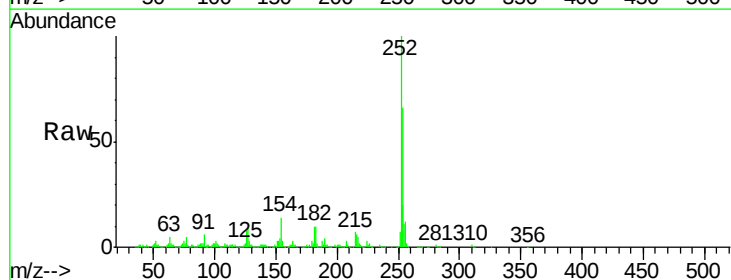
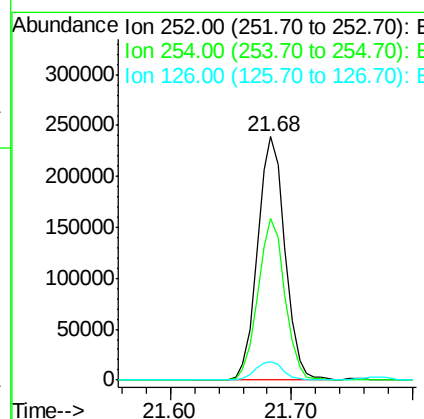
RT: 21.68 min Scan# 3165

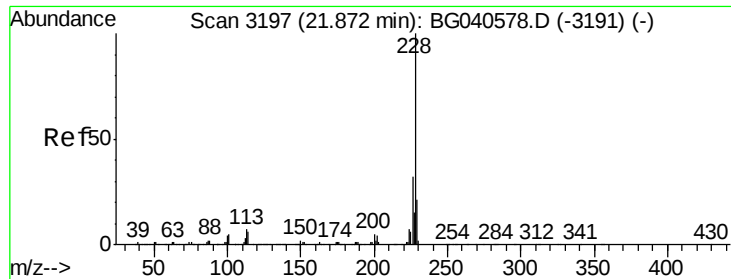
Delta R.T. -0.04 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	252	Resp:	377004
Ion Ratio	Lower	Upper	
252	100		
254	66.4	51.2	76.8
126	7.6	6.6	10.0





#83

Chrysene

Concen: 41.379 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

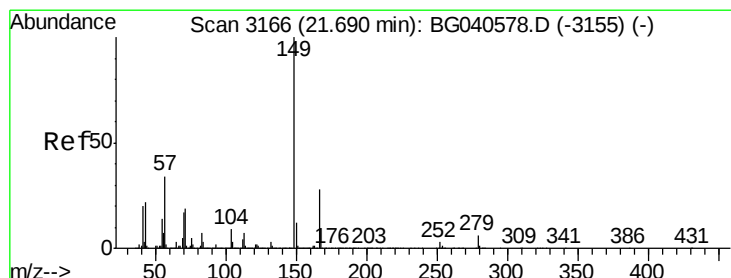
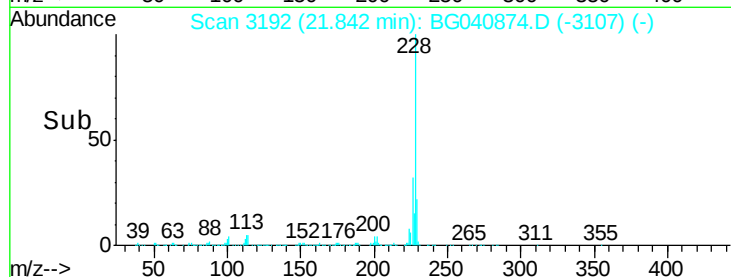
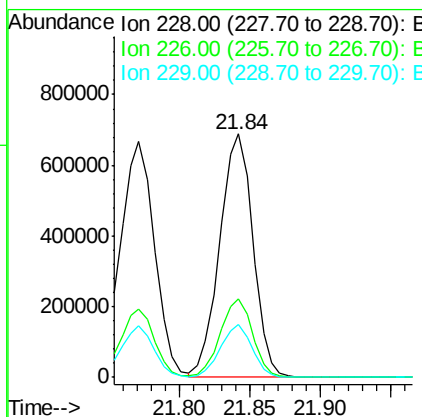
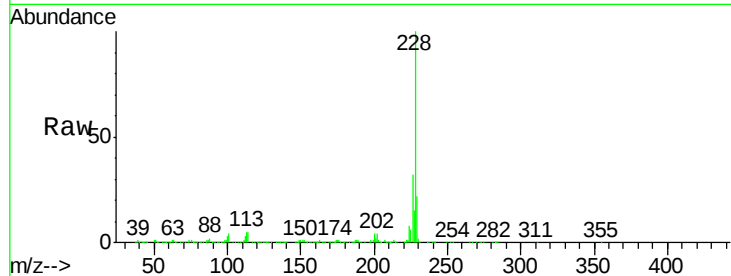
ClientSampleId :

PB119647BS

Tgt Ion:	228	Resp:	1128651
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.5	38.3
229	21.6	16.8	25.2

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.313 ng

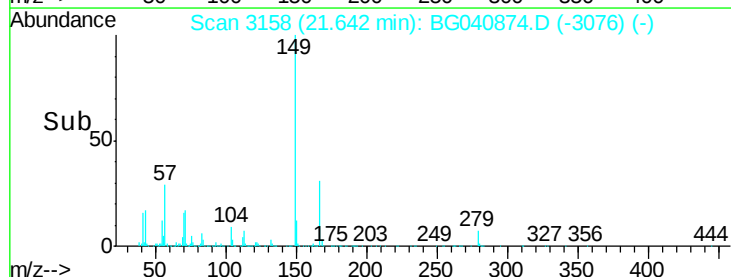
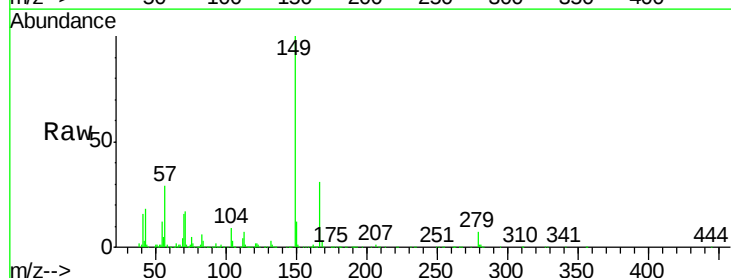
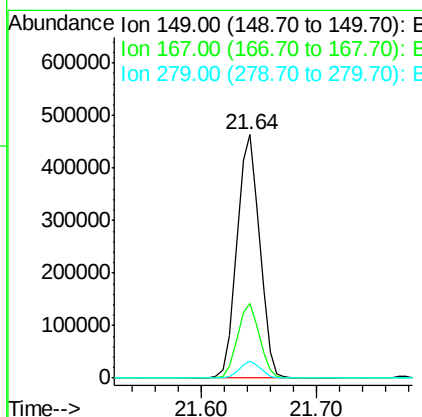
RT: 21.64 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Tgt Ion:	149	Resp:	629073
Ion Ratio	Lower	Upper	
149	100		
167	30.6	22.4	33.6
279	6.8	4.6	6.8





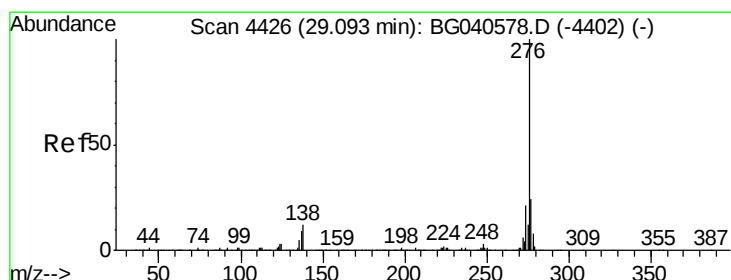
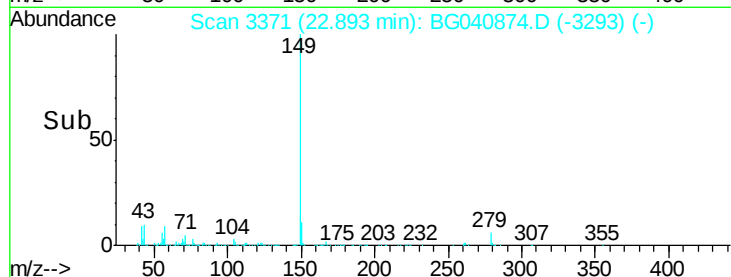
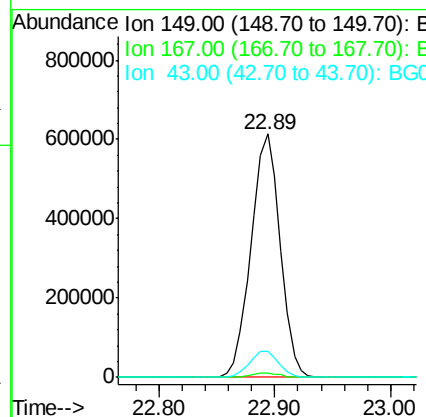
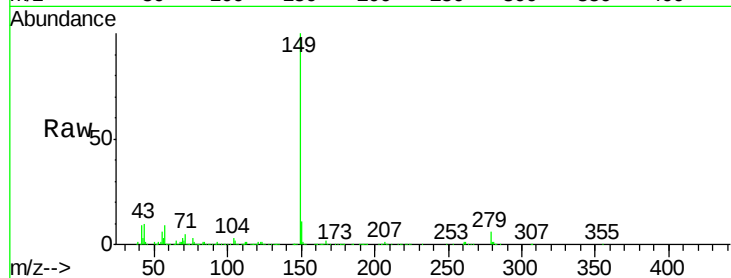
#85
Di-n-octyl phthalate
Concen: 39.894 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.5	10.2	15.2

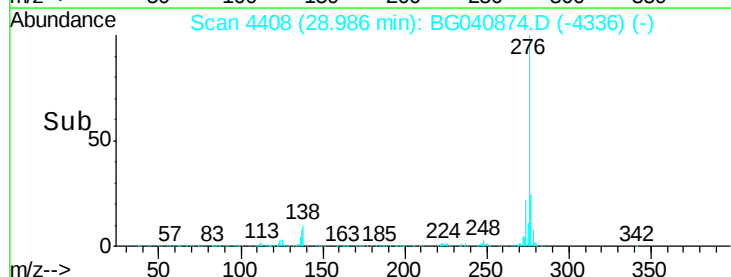
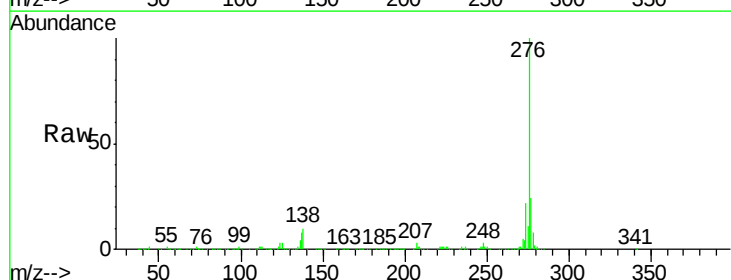
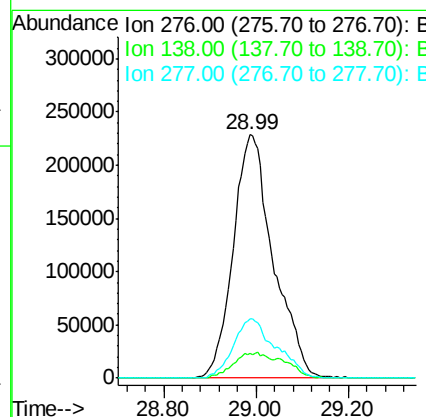
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.895 ng
RT: 28.99 min Scan# 4408
Delta R.T. -0.11 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.8	14.6#
277	26.0	17.3	25.9#





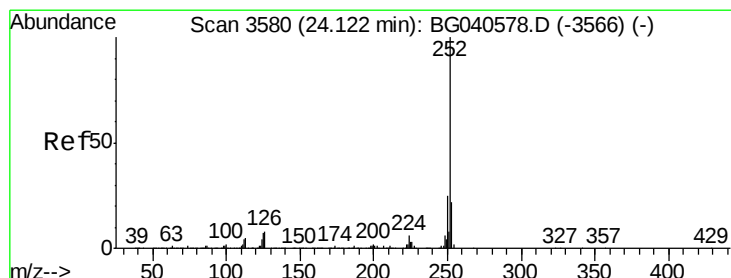
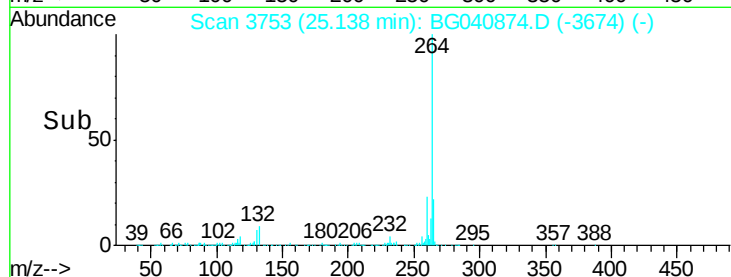
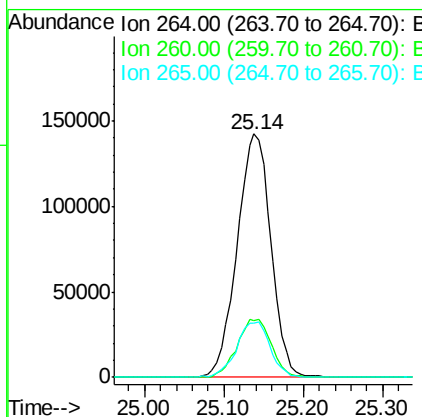
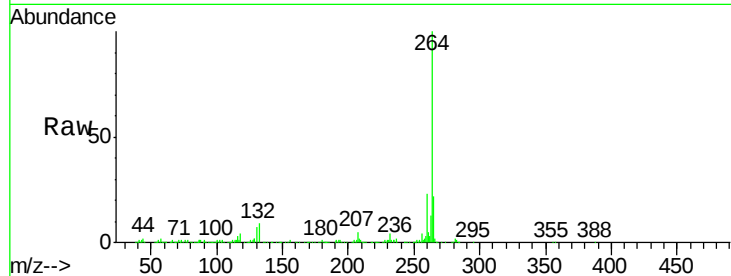
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.14 min Scan# 3753
 Delta R.T. -0.07 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	421066		
260	23.4	19.2	28.8	
265	22.2	16.6	25.0	

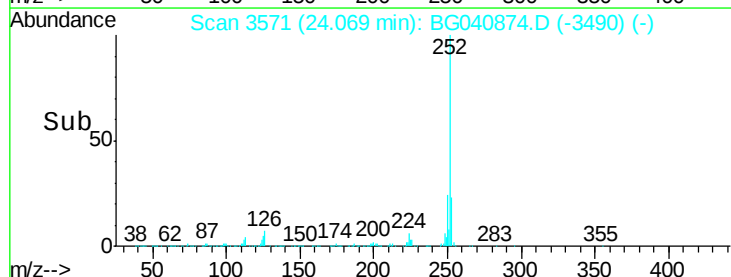
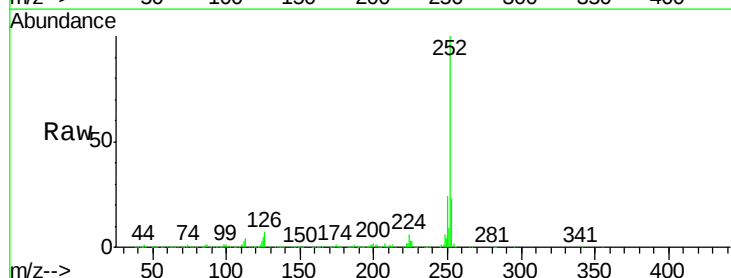
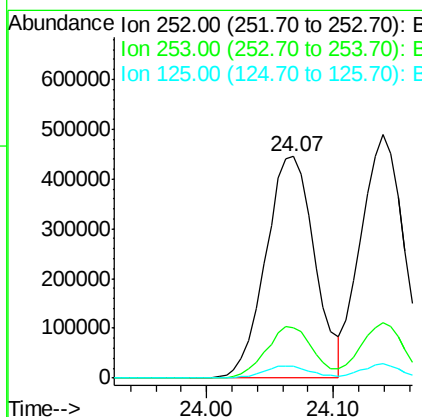
Manual Integrations
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#88
 Benzo(b)fluoranthene
 Concen: 46.311 ng m
 RT: 24.07 min Scan# 3571
 Delta R.T. -0.05 min
 Lab File: BG040874.D
 Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1191619		
253	22.8	17.6	26.4	
125	5.2	5.4	8.0	





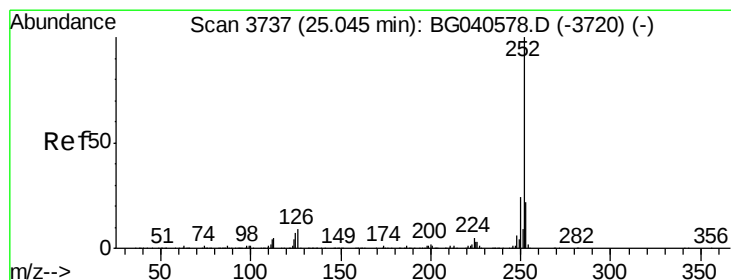
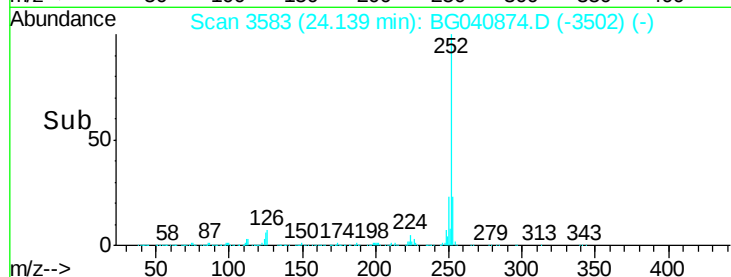
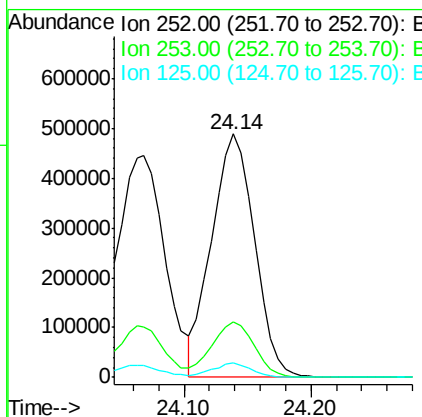
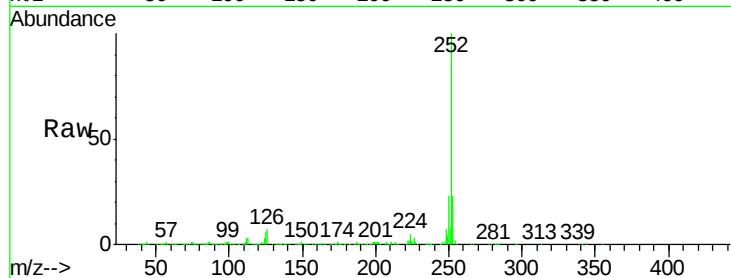
#89
Benzo(k)fluoranthene
Concen: 47.581 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.05 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	6.0	5.5	8.3

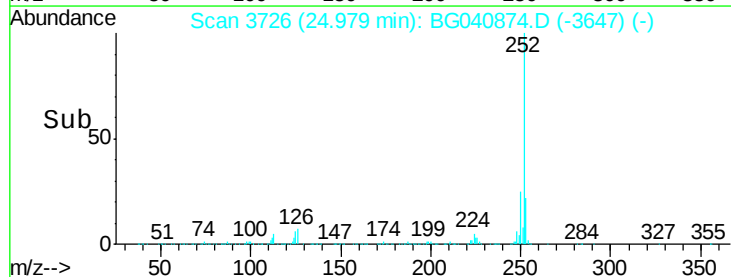
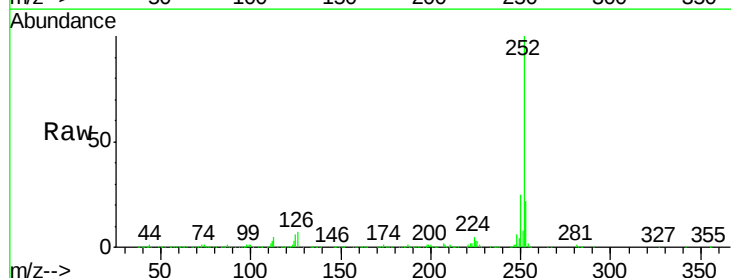
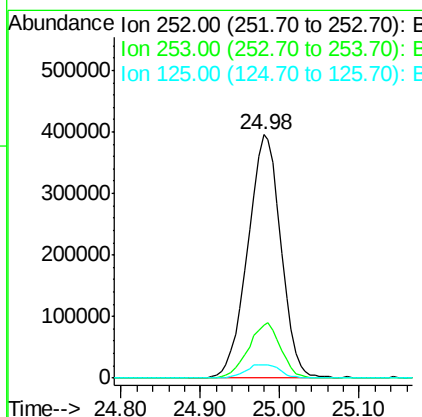
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#90
Benzo(a)pyrene
Concen: 47.192 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.07 min
Lab File: BG040874.D
Acq: 11 May 2019 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	5.7	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 46.485 ng

RT: 29.06 min Scan# 4421

Delta R.T. -0.11 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

Instrument :

BNA_G

ClientSampleId :

PB119647BS

Tgt Ion:278 Resp: 1145753

Ion Ratio Lower Upper

278 100

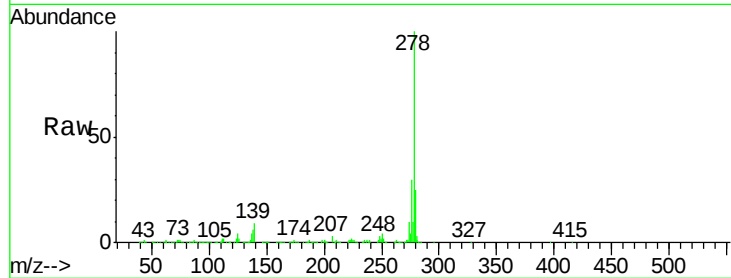
139 9.1 8.2 12.4

279 24.9 18.5 27.7

Manual Integrations
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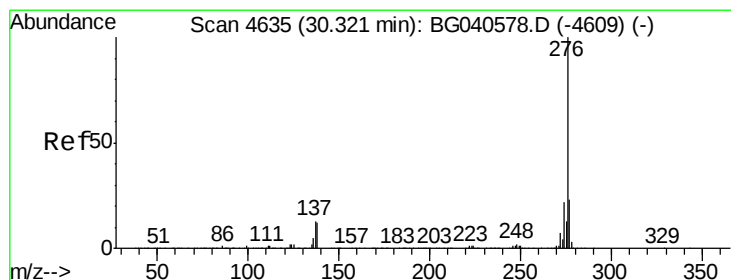
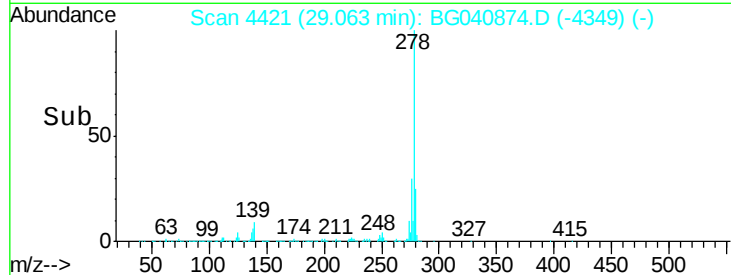
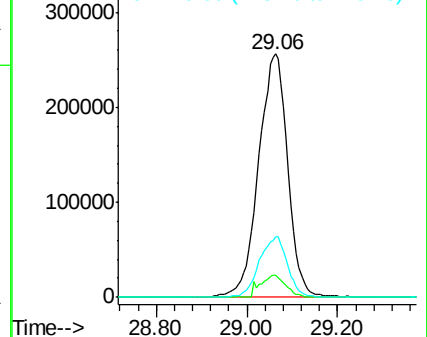
5/14/2019 8:01:37 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.001 ng

RT: 30.21 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG040874.D

Acq: 11 May 2019 15:25

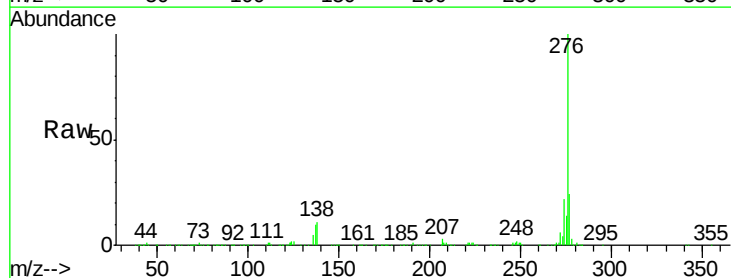
Tgt Ion:276 Resp: 1152940

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 11.2 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

